



# FCC SAR TEST REPORT

Report No. :FA451606B

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 | 24.7                |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 23.26                 | 23.30                    | 23.26                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 22.90                 | 22.96                    | 22.92                  | 24.7                |
| 100             | PI/2 BPSK  | 1       | 271       | 22.95                 | 23.02                    | 22.95                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 22.87                 | 22.93                    | 22.83                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 22.84                 | 22.94                    | 22.85                  | 24.7                |
| 100             | PI/2 BPSK  | 135     | 138       | 22.89                 | 22.93                    | 22.83                  | 24.7                |
| 100             | PI/2 BPSK  | 270     | 0         | 22.88                 | 22.93                    | 22.88                  |                     |
| 100             | QPSK       | 1       | 1         | 23.23                 | 23.26                    | 23.22                  |                     |
| 100             | QPSK       | 1       | 137       | 22.83                 | 22.93                    | 22.86                  | 24.7                |
| 100             | QPSK       | 1       | 271       | 22.83                 | 22.92                    | 22.87                  |                     |
| 100             | QPSK       | 135     | 0         | 22.83                 | 22.86                    | 22.81                  |                     |
| 100             | QPSK       | 135     | 69        | 22.79                 | 22.84                    | 22.75                  | 24.7                |
| 100             | QPSK       | 135     | 138       | 22.79                 | 22.88                    | 22.82                  | 24.7                |
| 100             | QPSK       | 270     | 0         | 22.79                 | 22.88                    | 22.81                  |                     |
| 100             | 16QAM      | 1       | 1         | 23.22                 | 23.28                    | 23.20                  |                     |
| 100             | 64QAM      | 1       | 1         | 23.14                 | 23.20                    | 23.17                  | 24.7                |
| 100             | 256QAM     | 1       | 1         | 22.19                 | 22.22                    | 22.17                  | 23.0                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | 24.7                |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.07                 | 23.11                    | 23.12                  |                     |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | 24.7                |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.14                 | 23.20                    | 23.10                  |                     |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | 24.7                |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.06                 | 23.15                    | 23.12                  |                     |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | 24.7                |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.16                 | 23.20                    | 23.08                  |                     |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | 24.7                |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.15                 | 23.17                    | 23.08                  |                     |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | 24.7                |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.14                 | 23.13                    | 23.12                  |                     |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | 24.7                |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.11                 | 23.11                    | 23.10                  |                     |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | 24.7                |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.07                 | 23.15                    | 23.09                  |                     |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | 24.7                |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.12                 | 23.12                    | 23.13                  |                     |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | 24.7                |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.07                 | 23.12                    | 23.08                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 21.77                 | 21.79                    | 21.68                  | 22.3                |
| 100             | PI/2 BPSK  | 1       | 137       | 20.92                 | 21.01                    | 20.98                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 21.38                 | 21.45                    | 21.45                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 21.13                 | 21.14                    | 21.04                  | 22.3                |
| 100             | PI/2 BPSK  | 135     | 69        | 21.14                 | 21.15                    | 21.08                  | 22.3                |
| 100             | PI/2 BPSK  | 135     | 138       | 21.10                 | 21.13                    | 21.09                  | 22.3                |
| 100             | PI/2 BPSK  | 270     | 0         | 21.18                 | 21.18                    | 21.14                  |                     |
| 100             | QPSK       | 1       | 1         | 21.68                 | 21.78                    | 21.71                  | 22.3                |
| 100             | QPSK       | 1       | 137       | 20.95                 | 21.00                    | 20.96                  |                     |
| 100             | QPSK       | 1       | 271       | 21.38                 | 21.46                    | 21.37                  |                     |
| 100             | QPSK       | 135     | 0         | 21.20                 | 21.24                    | 21.21                  | 22.3                |
| 100             | QPSK       | 135     | 69        | 21.04                 | 21.05                    | 21.04                  | 22.3                |
| 100             | QPSK       | 135     | 138       | 21.05                 | 21.12                    | 21.05                  | 22.3                |
| 100             | QPSK       | 270     | 0         | 21.18                 | 21.19                    | 21.09                  |                     |
| 100             | 16QAM      | 1       | 1         | 21.73                 | 21.78                    | 21.69                  | 22.3                |
| 100             | 64QAM      | 1       | 1         | 21.68                 | 21.70                    | 21.69                  | 22.3                |
| 100             | 256QAM     | 1       | 1         | 21.67                 | 21.73                    | 21.66                  | 22.2                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.70                    | 21.64                  | 22.3                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.77                    | 21.60                  | 22.3                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.71                    | 21.65                  | 22.3                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.70                    | 21.65                  | 22.3                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.74                 | 21.75                    | 21.61                  | 22.3                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.72                    | 21.59                  | 22.3                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.70                 | 21.73                    | 21.61                  | 22.3                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.75                 | 21.70                    | 21.65                  | 22.3                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.73                    | 21.61                  | 22.3                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.67                 | 21.77                    | 21.59                  | 22.3                |



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| <FR1 n48_Ant 1_Index 2> |            |                 |           |                          |                             |                           | Tune-up Limit            |                             |                           |
|-------------------------|------------|-----------------|-----------|--------------------------|-----------------------------|---------------------------|--------------------------|-----------------------------|---------------------------|
| BW [MHz]                | Modulation | RB Size         | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. |
| Sub carrier spacing     |            | Channel         |           | 638000                   | 641666                      | 645332                    | 638000                   | 641666                      | 645332                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3570                     | 3624.99                     | 3679.98                   | 3570                     | 3624.99                     | 3679.98                   |
| 40                      | PI/2 BPSK  | 1               | 1         | 13.38                    | 15.10                       | 13.15                     | 14.00                    | 16.20                       | 14.00                     |
| 40                      | PI/2 BPSK  | 1               | 104       | 13.00                    | 15.07                       | 12.81                     | 14.00                    | 16.20                       | 13.50                     |
| 40                      | PI/2 BPSK  | 50              | 25        | 13.20                    | 15.13                       | 12.99                     | 14.00                    | 16.20                       | 13.50                     |
| 40                      | PI/2 BPSK  | 1               | 0         | 13.40                    | 15.08                       | 13.14                     | 14.00                    | 16.20                       | 14.00                     |
| 40                      | PI/2 BPSK  | 1               | 105       | 12.99                    | 15.01                       | 12.83                     | 13.50                    | 16.20                       | 13.50                     |
| 40                      | PI/2 BPSK  | 100             | 0         | 13.23                    | 15.12                       | 13.04                     | 14.00                    | 16.20                       | 14.00                     |
| 40                      | QPSK       | 1               | 1         | 9.93                     | 15.07                       | 9.67                      | 10.50                    | 16.20                       | 10.50                     |
| 40                      | QPSK       | 1               | 104       | 9.52                     | 15.03                       | 9.43                      | 10.50                    | 16.20                       | 10.00                     |
| 40                      | QPSK       | 50              | 25        | 9.65                     | 14.99                       | 9.51                      | 10.50                    | 16.20                       | 10.50                     |
| 40                      | QPSK       | 1               | 0         | 9.86                     | 15.01                       | 9.65                      | 10.50                    | 16.20                       | 10.50                     |
| 40                      | QPSK       | 1               | 105       | 9.54                     | 15.07                       | 9.45                      | 10.50                    | 16.20                       | 10.00                     |
| 40                      | QPSK       | 100             | 0         | 9.68                     | 15.03                       | 9.52                      | 10.50                    | 16.20                       | 10.50                     |
| 40                      | 16QAM      | 1               | 1         | 9.82                     | 15.01                       | 9.69                      | 10.50                    | 16.20                       | 10.50                     |
| 40                      | 64QAM      | 1               | 1         | 9.98                     | 14.99                       | 9.56                      | 10.50                    | 16.20                       | 10.50                     |
| 40                      | 256QAM     | 1               | 1         | 9.76                     | 15.07                       | 9.59                      | 10.50                    | 16.20                       | 10.50                     |
| Sub carrier spacing     |            | Channel         |           | 637334                   | 641666                      | 646000                    | 637334                   | 641666                      | 646000                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3560.01                  | 3624.99                     | 3690                      | 3560.01                  | 3624.99                     | 3690                      |
| 20                      | PI/2 BPSK  | 1               | 1         | 15.00                    | 15.20                       | 15.10                     | 16.20                    | 16.20                       | 16.20                     |
| 20                      | PI/2 BPSK  | 1               | 49        | 14.96                    | 15.08                       | 15.07                     | 16.20                    | 16.20                       | 16.20                     |
| 20                      | PI/2 BPSK  | 25              | 12        | 14.95                    | 15.12                       | 15.03                     | 16.20                    | 16.20                       | 16.20                     |
| 20                      | PI/2 BPSK  | 1               | 0         | 14.94                    | 15.14                       | 15.08                     | 16.20                    | 16.20                       | 16.20                     |
| 20                      | PI/2 BPSK  | 1               | 50        | 14.86                    | 15.15                       | 15.09                     | 16.20                    | 16.20                       | 16.20                     |
| 20                      | PI/2 BPSK  | 50              | 0         | 15.20                    | 15.19                       | 15.17                     | 16.20                    | 16.20                       | 16.20                     |
| 20                      | QPSK       | 1               | 1         | 15.09                    | 15.12                       | 15.12                     | 16.20                    | 16.20                       | 16.20                     |
| 20                      | QPSK       | 1               | 49        | 15.04                    | 15.04                       | 15.08                     | 16.20                    | 16.20                       | 16.20                     |
| 20                      | QPSK       | 25              | 12        | 15.11                    | 15.01                       | 15.07                     | 16.20                    | 16.20                       | 16.20                     |
| 20                      | QPSK       | 1               | 0         | 15.14                    | 15.02                       | 15.05                     | 16.20                    | 16.20                       | 16.20                     |
| 20                      | QPSK       | 1               | 50        | 15.15                    | 15.21                       | 15.13                     | 16.20                    | 16.20                       | 16.20                     |
| 20                      | QPSK       | 50              | 0         | 15.09                    | 15.13                       | 15.08                     | 16.20                    | 16.20                       | 16.20                     |
| 20                      | 16QAM      | 1               | 1         | 15.13                    | 15.16                       | 15.09                     | 16.20                    | 16.20                       | 16.20                     |
| 20                      | 64QAM      | 1               | 1         | 14.80                    | 14.94                       | 14.90                     | 16.20                    | 16.20                       | 16.20                     |
| 20                      | 256QAM     | 1               | 1         | 14.92                    | 15.02                       | 14.98                     | 16.20                    | 16.20                       | 16.20                     |
| Sub carrier spacing     |            | Channel         |           | 637168                   | 641666                      | 646166                    | 637168                   | 641666                      | 646166                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3557.52                  | 3624.99                     | 3692.49                   | 3557.52                  | 3624.99                     | 3692.49                   |
| 15                      | PI/2 BPSK  | 1               | 1         | 15.04                    | 14.90                       | 14.95                     | 16.20                    | 16.20                       | 16.20                     |
| 15                      | PI/2 BPSK  | 1               | 36        | 14.93                    | 14.96                       | 14.88                     | 16.20                    | 16.20                       | 16.20                     |
| 15                      | PI/2 BPSK  | 18              | 9         | 14.99                    | 15.08                       | 15.03                     | 16.20                    | 16.20                       | 16.20                     |
| 15                      | PI/2 BPSK  | 1               | 0         | 14.99                    | 15.03                       | 15.01                     | 16.20                    | 16.20                       | 16.20                     |
| 15                      | PI/2 BPSK  | 1               | 37        | 14.86                    | 14.82                       | 14.81                     | 16.20                    | 16.20                       | 16.20                     |
| 15                      | PI/2 BPSK  | 36              | 0         | 15.01                    | 14.93                       | 15.03                     | 16.20                    | 16.20                       | 16.20                     |
| 15                      | QPSK       | 1               | 1         | 14.88                    | 14.94                       | 14.93                     | 16.20                    | 16.20                       | 16.20                     |
| 15                      | QPSK       | 1               | 36        | 14.97                    | 14.97                       | 14.92                     | 16.20                    | 16.20                       | 16.20                     |
| 15                      | QPSK       | 18              | 9         | 14.91                    | 14.81                       | 14.85                     | 16.20                    | 16.20                       | 16.20                     |
| 15                      | QPSK       | 1               | 0         | 14.85                    | 14.96                       | 14.94                     | 16.20                    | 16.20                       | 16.20                     |
| 15                      | QPSK       | 1               | 37        | 14.89                    | 14.97                       | 14.99                     | 16.20                    | 16.20                       | 16.20                     |
| 15                      | QPSK       | 36              | 0         | 14.98                    | 14.88                       | 14.87                     | 16.20                    | 16.20                       | 16.20                     |
| 15                      | 16QAM      | 1               | 1         | 14.89                    | 14.94                       | 14.81                     | 16.20                    | 16.20                       | 16.20                     |
| 15                      | 64QAM      | 1               | 1         | 14.82                    | 14.79                       | 14.92                     | 16.20                    | 16.20                       | 16.20                     |
| 15                      | 256QAM     | 1               | 1         | 14.88                    | 14.87                       | 14.88                     | 16.20                    | 16.20                       | 16.20                     |
| Sub carrier spacing     |            | Channel         |           | 637000                   | 641666                      | 646332                    | 637000                   | 641666                      | 646332                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3555                     | 3624.99                     | 3694.98                   | 3555                     | 3624.99                     | 3694.98                   |



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|    |           |    |    |       |       |       |       |       |       |
|----|-----------|----|----|-------|-------|-------|-------|-------|-------|
| 10 | PI/2 BPSK | 1  | 1  | 14.92 | 14.94 | 14.80 | 16.20 | 16.20 | 16.20 |
| 10 | PI/2 BPSK | 1  | 22 | 14.97 | 14.94 | 14.86 | 16.20 | 16.20 | 16.20 |
| 10 | PI/2 BPSK | 12 | 6  | 15.05 | 14.94 | 14.99 | 16.20 | 16.20 | 16.20 |
| 10 | PI/2 BPSK | 1  | 0  | 15.03 | 14.95 | 14.93 | 16.20 | 16.20 | 16.20 |
| 10 | PI/2 BPSK | 1  | 23 | 14.92 | 14.85 | 14.76 | 16.20 | 16.20 | 16.20 |
| 10 | PI/2 BPSK | 24 | 0  | 14.98 | 15.06 | 14.89 | 16.20 | 16.20 | 16.20 |
| 10 | QPSK      | 1  | 1  | 14.94 | 15.02 | 14.87 | 16.20 | 16.20 | 16.20 |
| 10 | QPSK      | 1  | 22 | 14.88 | 14.84 | 14.90 | 16.20 | 16.20 | 16.20 |
| 10 | QPSK      | 12 | 6  | 14.90 | 14.81 | 14.75 | 16.20 | 16.20 | 16.20 |
| 10 | QPSK      | 1  | 0  | 14.87 | 14.85 | 14.88 | 16.20 | 16.20 | 16.20 |
| 10 | QPSK      | 1  | 23 | 14.87 | 15.01 | 14.91 | 16.20 | 16.20 | 16.20 |
| 10 | QPSK      | 24 | 0  | 14.96 | 14.88 | 14.84 | 16.20 | 16.20 | 16.20 |
| 10 | 16QAM     | 1  | 1  | 14.88 | 14.87 | 14.90 | 16.20 | 16.20 | 16.20 |
| 10 | 64QAM     | 1  | 1  | 14.92 | 14.80 | 14.69 | 16.20 | 16.20 | 16.20 |
| 10 | 256QAM    | 1  | 1  | 14.94 | 14.96 | 14.80 | 16.20 | 16.20 | 16.20 |



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| <FR1 n48_Ant 1_Index 3> |            |                 |           |                          |                             |                           | Tune-up Limit            |                             |                           |
|-------------------------|------------|-----------------|-----------|--------------------------|-----------------------------|---------------------------|--------------------------|-----------------------------|---------------------------|
| BW [MHz]                | Modulation | RB Size         | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. |
| Sub carrier spacing     |            | Channel         |           | 638000                   | 641666                      | 645332                    | 638000                   | 641666                      | 645332                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3570                     | 3624.99                     | 3679.98                   | 3570                     | 3624.99                     | 3679.98                   |
| 40                      | PI/2 BPSK  | 1               | 1         | 13.38                    | 13.09                       | 13.15                     | 14.00                    | 14.10                       | 14.00                     |
| 40                      | PI/2 BPSK  | 1               | 104       | 13.00                    | 12.96                       | 12.81                     | 14.00                    | 14.10                       | 13.50                     |
| 40                      | PI/2 BPSK  | 50              | 25        | 13.20                    | 13.10                       | 12.99                     | 14.00                    | 14.10                       | 13.50                     |
| 40                      | PI/2 BPSK  | 1               | 0         | 13.40                    | 12.99                       | 13.14                     | 14.00                    | 14.10                       | 14.00                     |
| 40                      | PI/2 BPSK  | 1               | 105       | 12.99                    | 12.91                       | 12.83                     | 13.50                    | 14.10                       | 13.50                     |
| 40                      | PI/2 BPSK  | 100             | 0         | 13.23                    | 13.09                       | 13.04                     | 14.00                    | 14.10                       | 14.00                     |
| 40                      | QPSK       | 1               | 1         | 9.93                     | 13.02                       | 9.67                      | 10.50                    | 14.10                       | 10.50                     |
| 40                      | QPSK       | 1               | 104       | 9.52                     | 13.01                       | 9.43                      | 10.50                    | 14.10                       | 10.00                     |
| 40                      | QPSK       | 50              | 25        | 9.65                     | 12.89                       | 9.51                      | 10.50                    | 14.10                       | 10.50                     |
| 40                      | QPSK       | 1               | 0         | 9.86                     | 12.92                       | 9.65                      | 10.50                    | 14.10                       | 10.50                     |
| 40                      | QPSK       | 1               | 105       | 9.54                     | 12.99                       | 9.45                      | 10.50                    | 14.10                       | 10.00                     |
| 40                      | QPSK       | 100             | 0         | 9.68                     | 12.99                       | 9.52                      | 10.50                    | 14.10                       | 10.50                     |
| 40                      | 16QAM      | 1               | 1         | 9.82                     | 12.92                       | 9.69                      | 10.50                    | 14.10                       | 10.50                     |
| 40                      | 64QAM      | 1               | 1         | 9.98                     | 12.98                       | 9.56                      | 10.50                    | 14.10                       | 10.50                     |
| 40                      | 256QAM     | 1               | 1         | 9.76                     | 13.00                       | 9.59                      | 10.50                    | 14.10                       | 10.50                     |
| Sub carrier spacing     |            | Channel         |           | 637334                   | 641666                      | 646000                    | 637334                   | 641666                      | 646000                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3560.01                  | 3624.99                     | 3690                      | 3560.01                  | 3624.99                     | 3690                      |
| 20                      | PI/2 BPSK  | 1               | 1         | 12.94                    | 13.13                       | 13.02                     | 14.10                    | 14.10                       | 14.10                     |
| 20                      | PI/2 BPSK  | 1               | 49        | 12.93                    | 13.07                       | 12.98                     | 14.10                    | 14.10                       | 14.10                     |
| 20                      | PI/2 BPSK  | 25              | 12        | 12.86                    | 13.06                       | 13.00                     | 14.10                    | 14.10                       | 14.10                     |
| 20                      | PI/2 BPSK  | 1               | 0         | 12.84                    | 13.08                       | 13.05                     | 14.10                    | 14.10                       | 14.10                     |
| 20                      | PI/2 BPSK  | 1               | 50        | 12.78                    | 13.05                       | 13.08                     | 14.10                    | 14.10                       | 14.10                     |
| 20                      | PI/2 BPSK  | 50              | 0         | 13.13                    | 13.08                       | 13.09                     | 14.10                    | 14.10                       | 14.10                     |
| 20                      | QPSK       | 1               | 1         | 13.06                    | 13.03                       | 13.04                     | 14.10                    | 14.10                       | 14.10                     |
| 20                      | QPSK       | 1               | 49        | 12.94                    | 13.01                       | 13.05                     | 14.10                    | 14.10                       | 14.10                     |
| 20                      | QPSK       | 25              | 12        | 13.04                    | 12.90                       | 13.01                     | 14.10                    | 14.10                       | 14.10                     |
| 20                      | QPSK       | 1               | 0         | 13.05                    | 12.93                       | 12.94                     | 14.10                    | 14.10                       | 14.10                     |
| 20                      | QPSK       | 1               | 50        | 13.13                    | 13.16                       | 13.06                     | 14.10                    | 14.10                       | 14.10                     |
| 20                      | QPSK       | 50              | 0         | 13.05                    | 13.04                       | 13.02                     | 14.10                    | 14.10                       | 14.10                     |
| 20                      | 16QAM      | 1               | 1         | 13.09                    | 13.06                       | 13.07                     | 14.10                    | 14.10                       | 14.10                     |
| 20                      | 64QAM      | 1               | 1         | 12.78                    | 12.89                       | 12.79                     | 14.10                    | 14.10                       | 14.10                     |
| 20                      | 256QAM     | 1               | 1         | 12.84                    | 13.01                       | 12.94                     | 14.10                    | 14.10                       | 14.10                     |
| Sub carrier spacing     |            | Channel         |           | 637168                   | 641666                      | 646166                    | 637168                   | 641666                      | 646166                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3557.52                  | 3624.99                     | 3692.49                   | 3557.52                  | 3624.99                     | 3692.49                   |
| 15                      | PI/2 BPSK  | 1               | 1         | 13.00                    | 12.86                       | 12.84                     | 14.10                    | 14.10                       | 14.10                     |
| 15                      | PI/2 BPSK  | 1               | 36        | 12.90                    | 12.89                       | 12.85                     | 14.10                    | 14.10                       | 14.10                     |
| 15                      | PI/2 BPSK  | 18              | 9         | 12.96                    | 12.99                       | 13.00                     | 14.10                    | 14.10                       | 14.10                     |
| 15                      | PI/2 BPSK  | 1               | 0         | 12.91                    | 13.02                       | 12.94                     | 14.10                    | 14.10                       | 14.10                     |
| 15                      | PI/2 BPSK  | 1               | 37        | 12.85                    | 12.80                       | 12.79                     | 14.10                    | 14.10                       | 14.10                     |
| 15                      | PI/2 BPSK  | 36              | 0         | 12.98                    | 12.92                       | 12.94                     | 14.10                    | 14.10                       | 14.10                     |
| 15                      | QPSK       | 1               | 1         | 12.77                    | 12.90                       | 12.87                     | 14.10                    | 14.10                       | 14.10                     |
| 15                      | QPSK       | 1               | 36        | 12.88                    | 12.92                       | 12.90                     | 14.10                    | 14.10                       | 14.10                     |
| 15                      | QPSK       | 18              | 9         | 12.83                    | 12.70                       | 12.79                     | 14.10                    | 14.10                       | 14.10                     |
| 15                      | QPSK       | 1               | 0         | 12.80                    | 12.95                       | 12.88                     | 14.10                    | 14.10                       | 14.10                     |
| 15                      | QPSK       | 1               | 37        | 12.82                    | 12.95                       | 12.93                     | 14.10                    | 14.10                       | 14.10                     |
| 15                      | QPSK       | 36              | 0         | 12.90                    | 12.80                       | 12.83                     | 14.10                    | 14.10                       | 14.10                     |
| 15                      | 16QAM      | 1               | 1         | 12.78                    | 12.92                       | 12.78                     | 14.10                    | 14.10                       | 14.10                     |
| 15                      | 64QAM      | 1               | 1         | 12.81                    | 12.69                       | 12.81                     | 14.10                    | 14.10                       | 14.10                     |
| 15                      | 256QAM     | 1               | 1         | 12.87                    | 12.76                       | 12.87                     | 14.10                    | 14.10                       | 14.10                     |
| Sub carrier spacing     |            | Channel         |           | 637000                   | 641666                      | 646332                    | 637000                   | 641666                      | 646332                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3555                     | 3624.99                     | 3694.98                   | 3555                     | 3624.99                     | 3694.98                   |



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|    |           |    |    |       |       |       |       |       |       |
|----|-----------|----|----|-------|-------|-------|-------|-------|-------|
| 10 | PI/2 BPSK | 1  | 1  | 12.83 | 12.86 | 12.71 | 14.10 | 14.10 | 14.10 |
| 10 | PI/2 BPSK | 1  | 22 | 12.93 | 12.88 | 12.79 | 14.10 | 14.10 | 14.10 |
| 10 | PI/2 BPSK | 12 | 6  | 12.95 | 12.90 | 12.95 | 14.10 | 14.10 | 14.10 |
| 10 | PI/2 BPSK | 1  | 0  | 12.98 | 12.89 | 12.88 | 14.10 | 14.10 | 14.10 |
| 10 | PI/2 BPSK | 1  | 23 | 12.84 | 12.78 | 12.66 | 14.10 | 14.10 | 14.10 |
| 10 | PI/2 BPSK | 24 | 0  | 12.95 | 12.96 | 12.86 | 14.10 | 14.10 | 14.10 |
| 10 | QPSK      | 1  | 1  | 12.90 | 12.97 | 12.84 | 14.10 | 14.10 | 14.10 |
| 10 | QPSK      | 1  | 22 | 12.87 | 12.74 | 12.85 | 14.10 | 14.10 | 14.10 |
| 10 | QPSK      | 12 | 6  | 12.89 | 12.70 | 12.67 | 14.10 | 14.10 | 14.10 |
| 10 | QPSK      | 1  | 0  | 12.86 | 12.76 | 12.81 | 14.10 | 14.10 | 14.10 |
| 10 | QPSK      | 1  | 23 | 12.82 | 12.90 | 12.85 | 14.10 | 14.10 | 14.10 |
| 10 | QPSK      | 24 | 0  | 12.94 | 12.87 | 12.76 | 14.10 | 14.10 | 14.10 |
| 10 | 16QAM     | 1  | 1  | 12.87 | 12.81 | 12.85 | 14.10 | 14.10 | 14.10 |
| 10 | 64QAM     | 1  | 1  | 12.90 | 12.70 | 12.62 | 14.10 | 14.10 | 14.10 |
| 10 | 256QAM    | 1  | 1  | 12.90 | 12.92 | 12.72 | 14.10 | 14.10 | 14.10 |



# FCC SAR TEST REPORT

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| <FR1 n48_Ant 1_Index 4/5/6 > |            |                 |           |                          |                             |                           | Tune-up Limit            |                             |                           |
|------------------------------|------------|-----------------|-----------|--------------------------|-----------------------------|---------------------------|--------------------------|-----------------------------|---------------------------|
| BW [MHz]                     | Modulation | RB Size         | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. |
| Sub carrier spacing          |            | Channel         |           | 638000                   | 641666                      | 645332                    | 638000                   | 641666                      | 645332                    |
| 30k                          | Hz         | Frequency (MHz) |           | 3570                     | 3624.99                     | 3679.98                   | 3570                     | 3624.99                     | 3679.98                   |
| 40                           | PI/2 BPSK  | 1               | 1         | 13.38                    | 19.40                       | 13.15                     | 14.00                    | 20.20                       | 14.00                     |
| 40                           | PI/2 BPSK  | 1               | 104       | 13.00                    | 19.47                       | 12.81                     | 14.00                    | 20.00                       | 13.50                     |
| 40                           | PI/2 BPSK  | 50              | 25        | 13.20                    | 19.91                       | 12.99                     | 14.00                    | 21.20                       | 13.50                     |
| 40                           | PI/2 BPSK  | 1               | 0         | 13.40                    | 19.34                       | 13.14                     | 14.00                    | 20.20                       | 14.00                     |
| 40                           | PI/2 BPSK  | 1               | 105       | 12.99                    | 19.47                       | 12.83                     | 13.50                    | 20.00                       | 13.50                     |
| 40                           | PI/2 BPSK  | 100             | 0         | 13.23                    | 19.24                       | 13.04                     | 14.00                    | 20.00                       | 14.00                     |
| 40                           | QPSK       | 1               | 1         | 9.93                     | 19.34                       | 9.67                      | 10.50                    | 20.20                       | 10.50                     |
| 40                           | QPSK       | 1               | 104       | 9.52                     | 19.46                       | 9.43                      | 10.50                    | 20.00                       | 10.00                     |
| 40                           | QPSK       | 50              | 25        | 9.65                     | 19.85                       | 9.51                      | 10.50                    | 21.20                       | 10.50                     |
| 40                           | QPSK       | 1               | 0         | 9.86                     | 19.36                       | 9.65                      | 10.50                    | 20.20                       | 10.50                     |
| 40                           | QPSK       | 1               | 105       | 9.54                     | 19.48                       | 9.45                      | 10.50                    | 20.00                       | 10.00                     |
| 40                           | QPSK       | 100             | 0         | 9.68                     | 19.18                       | 9.52                      | 10.50                    | 20.00                       | 10.50                     |
| 40                           | 16QAM      | 1               | 1         | 9.82                     | 19.45                       | 9.69                      | 10.50                    | 20.20                       | 10.50                     |
| 40                           | 64QAM      | 1               | 1         | 9.98                     | 19.49                       | 9.56                      | 10.50                    | 20.20                       | 10.50                     |
| 40                           | 256QAM     | 1               | 1         | 9.76                     | 18.98                       | 9.59                      | 10.50                    | 19.50                       | 10.50                     |
| Sub carrier spacing          |            | Channel         |           | 637334                   | 641666                      | 646000                    | 637334                   | 641666                      | 646000                    |
| 30k                          | Hz         | Frequency (MHz) |           | 3560.01                  | 3624.99                     | 3690                      | 3560.01                  | 3624.99                     | 3690                      |
| 20                           | PI/2 BPSK  | 1               | 1         | 19.49                    | 20.00                       | 19.86                     | 20.20                    | 21.20                       | 21.20                     |
| 20                           | PI/2 BPSK  | 1               | 49        | 19.61                    | 19.93                       | 19.11                     | 21.20                    | 21.20                       | 19.70                     |
| 20                           | PI/2 BPSK  | 25              | 12        | 19.69                    | 19.92                       | 19.75                     | 21.20                    | 21.20                       | 21.20                     |
| 20                           | PI/2 BPSK  | 1               | 0         | 19.43                    | 19.99                       | 19.81                     | 20.20                    | 21.20                       | 21.20                     |
| 20                           | PI/2 BPSK  | 1               | 50        | 19.57                    | 19.91                       | 19.45                     | 21.20                    | 21.20                       | 20.00                     |
| 20                           | PI/2 BPSK  | 50              | 0         | 19.37                    | 19.92                       | 19.46                     | 20.20                    | 21.20                       | 20.00                     |
| 20                           | QPSK       | 1               | 1         | 19.45                    | 19.84                       | 19.81                     | 20.20                    | 21.20                       | 21.20                     |
| 20                           | QPSK       | 1               | 49        | 19.81                    | 20.00                       | 19.40                     | 21.20                    | 21.20                       | 20.00                     |
| 20                           | QPSK       | 25              | 12        | 19.82                    | 19.99                       | 19.82                     | 21.20                    | 21.20                       | 21.20                     |
| 20                           | QPSK       | 1               | 0         | 19.45                    | 19.92                       | 19.81                     | 20.20                    | 21.20                       | 21.20                     |
| 20                           | QPSK       | 1               | 50        | 19.79                    | 19.88                       | 19.42                     | 21.20                    | 21.20                       | 20.00                     |
| 20                           | QPSK       | 50              | 0         | 19.43                    | 19.86                       | 19.20                     | 20.20                    | 21.20                       | 20.20                     |
| 20                           | 16QAM      | 1               | 1         | 18.76                    | 19.87                       | 19.73                     | 19.50                    | 21.20                       | 21.20                     |
| 20                           | 64QAM      | 1               | 1         | 18.65                    | 19.85                       | 19.76                     | 19.50                    | 21.20                       | 21.20                     |
| 20                           | 256QAM     | 1               | 1         | 19.24                    | 19.34                       | 18.79                     | 20.00                    | 20.00                       | 19.50                     |
| Sub carrier spacing          |            | Channel         |           | 637168                   | 641666                      | 646166                    | 637168                   | 641666                      | 646166                    |
| 30k                          | Hz         | Frequency (MHz) |           | 3557.52                  | 3624.99                     | 3692.49                   | 3557.52                  | 3624.99                     | 3692.49                   |
| 15                           | PI/2 BPSK  | 1               | 1         | 19.72                    | 20.28                       | 20.11                     | 20.20                    | 21.20                       | 21.20                     |
| 15                           | PI/2 BPSK  | 1               | 36        | 20.11                    | 20.17                       | 19.42                     | 21.20                    | 21.20                       | 19.70                     |
| 15                           | PI/2 BPSK  | 18              | 9         | 20.03                    | 20.11                       | 20.15                     | 21.20                    | 21.20                       | 21.20                     |
| 15                           | PI/2 BPSK  | 1               | 0         | 19.73                    | 20.22                       | 20.12                     | 20.20                    | 21.20                       | 21.20                     |
| 15                           | PI/2 BPSK  | 1               | 37        | 20.03                    | 20.08                       | 19.43                     | 21.20                    | 21.20                       | 19.70                     |
| 15                           | PI/2 BPSK  | 36              | 0         | 19.64                    | 20.18                       | 19.46                     | 20.20                    | 21.20                       | 19.70                     |
| 15                           | QPSK       | 1               | 1         | 19.75                    | 20.10                       | 20.11                     | 20.20                    | 21.20                       | 21.20                     |
| 15                           | QPSK       | 1               | 36        | 20.12                    | 20.23                       | 19.44                     | 21.20                    | 21.20                       | 19.70                     |
| 15                           | QPSK       | 18              | 9         | 20.09                    | 20.21                       | 20.09                     | 21.20                    | 21.20                       | 21.20                     |
| 15                           | QPSK       | 1               | 0         | 19.66                    | 20.19                       | 20.13                     | 20.20                    | 21.20                       | 21.20                     |
| 15                           | QPSK       | 1               | 37        | 20.13                    | 20.05                       | 19.46                     | 21.20                    | 21.20                       | 19.70                     |
| 15                           | QPSK       | 36              | 0         | 19.66                    | 20.15                       | 19.51                     | 20.20                    | 21.20                       | 20.20                     |
| 15                           | 16QAM      | 1               | 1         | 18.84                    | 20.07                       | 20.13                     | 19.50                    | 21.20                       | 21.20                     |
| 15                           | 64QAM      | 1               | 1         | 18.89                    | 20.04                       | 20.15                     | 19.50                    | 21.20                       | 21.20                     |
| 15                           | 256QAM     | 1               | 1         | 19.57                    | 19.23                       | 19.33                     | 20.20                    | 19.70                       | 19.70                     |
| Sub carrier spacing          |            | Channel         |           | 637000                   | 641666                      | 646332                    | 637000                   | 641666                      | 646332                    |
| 30k                          | Hz         | Frequency (MHz) |           | 3555                     | 3624.99                     | 3694.98                   | 3555                     | 3624.99                     | 3694.98                   |



## FCC SAR TEST REPORT

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|    |           |    |    |       |       |       |       |       |       |
|----|-----------|----|----|-------|-------|-------|-------|-------|-------|
| 10 | PI/2 BPSK | 1  | 1  | 19.90 | 19.93 | 19.95 | 21.20 | 21.20 | 21.20 |
| 10 | PI/2 BPSK | 1  | 22 | 19.84 | 19.79 | 19.80 | 21.20 | 21.20 | 21.20 |
| 10 | PI/2 BPSK | 12 | 6  | 19.73 | 19.71 | 19.78 | 21.20 | 21.20 | 21.20 |
| 10 | PI/2 BPSK | 1  | 0  | 19.87 | 19.84 | 19.83 | 21.20 | 21.20 | 21.20 |
| 10 | PI/2 BPSK | 1  | 23 | 19.69 | 19.72 | 19.69 | 21.20 | 21.20 | 21.20 |
| 10 | PI/2 BPSK | 24 | 0  | 19.81 | 19.79 | 19.82 | 21.20 | 21.20 | 21.20 |
| 10 | QPSK      | 1  | 1  | 19.71 | 19.70 | 19.74 | 21.20 | 21.20 | 21.20 |
| 10 | QPSK      | 1  | 22 | 19.83 | 19.86 | 19.88 | 21.20 | 21.20 | 21.20 |
| 10 | QPSK      | 12 | 6  | 19.87 | 19.81 | 19.86 | 21.20 | 21.20 | 21.20 |
| 10 | QPSK      | 1  | 0  | 19.84 | 19.84 | 19.85 | 21.20 | 21.20 | 21.20 |
| 10 | QPSK      | 1  | 23 | 19.66 | 19.66 | 19.65 | 21.20 | 21.20 | 21.20 |
| 10 | QPSK      | 24 | 0  | 19.82 | 19.80 | 19.82 | 21.20 | 21.20 | 21.20 |
| 10 | 16QAM     | 1  | 1  | 19.69 | 19.67 | 19.70 | 21.20 | 21.20 | 21.20 |
| 10 | 64QAM     | 1  | 1  | 19.64 | 19.70 | 19.64 | 21.20 | 21.20 | 21.20 |
| 10 | 256QAM    | 1  | 1  | 19.16 | 19.14 | 18.97 | 20.00 | 20.00 | 19.50 |



# FCC SAR TEST REPORT

Report No. :FA451606B

| <FR1 n48_Ant 6_Index 2/3> |            |                 |           |                          |                             |                           | Tune-up Limit            |                             |                           |
|---------------------------|------------|-----------------|-----------|--------------------------|-----------------------------|---------------------------|--------------------------|-----------------------------|---------------------------|
| BW [MHz]                  | Modulation | RB Size         | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. |
| Sub carrier spacing       |            | Channel         |           | 638000                   | 641666                      | 645332                    | 638000                   | 641666                      | 645332                    |
| 30k                       | Hz         | Frequency (MHz) |           | 3570                     | 3624.99                     | 3679.98                   | 3570                     | 3624.99                     | 3679.98                   |
| 40                        | PI/2 BPSK  | 1               | 1         | 13.49                    | 20.02                       | 13.37                     | 14.00                    | 21.00                       | 14.00                     |
| 40                        | PI/2 BPSK  | 1               | 104       | 13.04                    | 19.50                       | 13.04                     | 14.00                    | 20.50                       | 14.00                     |
| 40                        | PI/2 BPSK  | 50              | 25        | 13.43                    | 23.94                       | 13.13                     | 14.00                    | 24.60                       | 14.00                     |
| 40                        | PI/2 BPSK  | 1               | 0         | 13.53                    | 20.03                       | 13.34                     | 14.00                    | 21.00                       | 14.00                     |
| 40                        | PI/2 BPSK  | 1               | 105       | 13.06                    | 19.44                       | 13.05                     | 14.00                    | 20.00                       | 14.00                     |
| 40                        | PI/2 BPSK  | 100             | 0         | 13.33                    | 19.42                       | 13.13                     | 14.00                    | 20.00                       | 14.00                     |
| 40                        | QPSK       | 1               | 1         | 13.51                    | 19.99                       | 13.43                     | 14.00                    | 21.00                       | 14.00                     |
| 40                        | QPSK       | 1               | 104       | 12.95                    | 19.48                       | 13.00                     | 14.00                    | 20.50                       | 14.00                     |
| 40                        | QPSK       | 50              | 25        | 13.34                    | 23.92                       | 13.13                     | 14.00                    | 24.60                       | 14.00                     |
| 40                        | QPSK       | 1               | 0         | 13.47                    | 19.99                       | 13.39                     | 14.00                    | 21.00                       | 14.00                     |
| 40                        | QPSK       | 1               | 105       | 13.09                    | 19.45                       | 13.04                     | 14.00                    | 20.00                       | 14.00                     |
| 40                        | QPSK       | 100             | 0         | 13.40                    | 19.37                       | 13.15                     | 14.00                    | 20.00                       | 14.00                     |
| 40                        | 16QAM      | 1               | 1         | 12.93                    | 19.95                       | 12.85                     | 14.00                    | 21.00                       | 14.00                     |
| 40                        | 64QAM      | 1               | 1         | 13.01                    | 20.19                       | 12.93                     | 14.00                    | 21.00                       | 14.00                     |
| 40                        | 256QAM     | 1               | 1         | 12.77                    | 19.70                       | 12.80                     | 13.50                    | 20.50                       | 13.50                     |
| Sub carrier spacing       |            | Channel         |           | 637334                   | 641666                      | 646000                    | 637334                   | 641666                      | 646000                    |
| 30k                       | Hz         | Frequency (MHz) |           | 3560.01                  | 3624.99                     | 3690                      | 3560.01                  | 3624.99                     | 3690                      |
| 20                        | PI/2 BPSK  | 1               | 1         | 19.87                    | 24.07                       | 23.73                     | 20.50                    | 24.60                       | 24.60                     |
| 20                        | PI/2 BPSK  | 1               | 49        | 23.78                    | 23.84                       | 19.62                     | 24.60                    | 24.60                       | 20.50                     |
| 20                        | PI/2 BPSK  | 25              | 12        | 23.85                    | 23.97                       | 23.66                     | 24.60                    | 24.60                       | 24.60                     |
| 20                        | PI/2 BPSK  | 1               | 0         | 19.88                    | 23.56                       | 23.20                     | 20.50                    | 24.60                       | 24.00                     |
| 20                        | PI/2 BPSK  | 1               | 50        | 23.27                    | 23.33                       | 19.68                     | 24.00                    | 24.00                       | 20.50                     |
| 20                        | PI/2 BPSK  | 50              | 0         | 19.80                    | 23.48                       | 19.68                     | 20.50                    | 24.00                       | 20.50                     |
| 20                        | QPSK       | 1               | 1         | 19.92                    | 24.16                       | 23.76                     | 20.50                    | 24.60                       | 24.60                     |
| 20                        | QPSK       | 1               | 49        | 23.82                    | 23.90                       | 19.57                     | 24.60                    | 24.60                       | 20.50                     |
| 20                        | QPSK       | 25              | 12        | 23.89                    | 23.99                       | 23.62                     | 24.60                    | 24.60                       | 24.60                     |
| 20                        | QPSK       | 1               | 0         | 19.94                    | 23.07                       | 22.67                     | 20.50                    | 24.00                       | 23.50                     |
| 20                        | QPSK       | 1               | 50        | 22.76                    | 22.84                       | 19.64                     | 23.50                    | 23.50                       | 20.50                     |
| 20                        | QPSK       | 50              | 0         | 19.83                    | 22.99                       | 19.64                     | 20.50                    | 23.50                       | 20.50                     |
| 20                        | 16QAM      | 1               | 1         | 18.96                    | 23.26                       | 22.85                     | 19.50                    | 24.00                       | 23.50                     |
| 20                        | 64QAM      | 1               | 1         | 18.91                    | 21.33                       | 21.14                     | 19.50                    | 22.00                       | 22.00                     |
| 20                        | 256QAM     | 1               | 1         | 19.34                    | 19.45                       | 19.20                     | 20.00                    | 20.00                       | 20.00                     |
| Sub carrier spacing       |            | Channel         |           | 637168                   | 641666                      | 646166                    | 637168                   | 641666                      | 646166                    |
| 30k                       | Hz         | Frequency (MHz) |           | 3557.52                  | 3624.99                     | 3692.49                   | 3557.52                  | 3624.99                     | 3692.49                   |
| 15                        | PI/2 BPSK  | 1               | 1         | 19.86                    | 24.03                       | 23.66                     | 20.50                    | 24.60                       | 24.60                     |
| 15                        | PI/2 BPSK  | 1               | 36        | 23.87                    | 23.86                       | 19.69                     | 24.60                    | 24.60                       | 20.50                     |
| 15                        | PI/2 BPSK  | 18              | 9         | 23.85                    | 23.95                       | 23.68                     | 24.60                    | 24.60                       | 24.60                     |
| 15                        | PI/2 BPSK  | 1               | 0         | 19.87                    | 23.49                       | 23.20                     | 20.50                    | 24.00                       | 24.00                     |
| 15                        | PI/2 BPSK  | 1               | 37        | 23.29                    | 23.45                       | 19.66                     | 24.00                    | 24.00                       | 20.50                     |
| 15                        | PI/2 BPSK  | 36              | 0         | 19.81                    | 23.46                       | 19.60                     | 20.50                    | 24.00                       | 20.50                     |
| 15                        | QPSK       | 1               | 1         | 19.72                    | 23.98                       | 23.73                     | 20.50                    | 24.60                       | 24.60                     |
| 15                        | QPSK       | 1               | 36        | 23.84                    | 23.91                       | 19.68                     | 24.60                    | 24.60                       | 20.50                     |
| 15                        | QPSK       | 18              | 9         | 23.81                    | 23.99                       | 23.66                     | 24.60                    | 24.60                       | 24.60                     |
| 15                        | QPSK       | 1               | 0         | 19.80                    | 23.01                       | 22.69                     | 20.50                    | 24.00                       | 23.50                     |
| 15                        | QPSK       | 1               | 37        | 22.84                    | 22.87                       | 19.69                     | 23.50                    | 23.50                       | 20.50                     |
| 15                        | QPSK       | 36              | 0         | 19.76                    | 22.92                       | 19.62                     | 20.50                    | 23.50                       | 20.50                     |
| 15                        | 16QAM      | 1               | 1         | 18.94                    | 22.94                       | 22.71                     | 19.50                    | 23.50                       | 23.50                     |
| 15                        | 64QAM      | 1               | 1         | 18.89                    | 21.34                       | 21.21                     | 19.50                    | 22.00                       | 22.00                     |
| 15                        | 256QAM     | 1               | 1         | 19.29                    | 19.46                       | 19.18                     | 20.00                    | 20.00                       | 20.00                     |
| Sub carrier spacing       |            | Channel         |           | 637000                   | 641666                      | 646332                    | 637000                   | 641666                      | 646332                    |
| 30k                       | Hz         | Frequency (MHz) |           | 3555                     | 3624.99                     | 3694.98                   | 3555                     | 3624.99                     | 3694.98                   |



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|    |           |    |    |       |       |       |       |       |       |
|----|-----------|----|----|-------|-------|-------|-------|-------|-------|
| 10 | PI/2 BPSK | 1  | 1  | 23.91 | 24.04 | 23.72 | 24.60 | 24.60 | 24.60 |
| 10 | PI/2 BPSK | 1  | 22 | 23.87 | 23.94 | 23.82 | 24.60 | 24.60 | 24.60 |
| 10 | PI/2 BPSK | 12 | 6  | 23.86 | 24.02 | 23.67 | 24.60 | 24.60 | 24.60 |
| 10 | PI/2 BPSK | 1  | 0  | 23.45 | 23.50 | 23.22 | 24.00 | 24.60 | 24.00 |
| 10 | PI/2 BPSK | 1  | 23 | 23.39 | 23.46 | 23.29 | 24.00 | 24.00 | 24.00 |
| 10 | PI/2 BPSK | 24 | 0  | 23.44 | 23.47 | 23.18 | 24.00 | 24.00 | 24.00 |
| 10 | QPSK      | 1  | 1  | 23.97 | 24.00 | 23.69 | 24.60 | 24.60 | 24.60 |
| 10 | QPSK      | 1  | 22 | 23.96 | 23.95 | 23.75 | 24.60 | 24.60 | 24.60 |
| 10 | QPSK      | 12 | 6  | 23.90 | 24.02 | 23.67 | 24.60 | 24.60 | 24.60 |
| 10 | QPSK      | 1  | 0  | 22.89 | 22.98 | 22.65 | 23.50 | 23.50 | 23.50 |
| 10 | QPSK      | 1  | 23 | 22.88 | 22.91 | 22.73 | 23.50 | 23.50 | 23.50 |
| 10 | QPSK      | 24 | 0  | 22.88 | 22.97 | 22.67 | 23.50 | 23.50 | 23.50 |
| 10 | 16QAM     | 1  | 1  | 22.79 | 23.00 | 22.86 | 23.50 | 24.00 | 23.50 |
| 10 | 64QAM     | 1  | 1  | 21.46 | 21.49 | 21.26 | 22.00 | 22.00 | 22.00 |
| 10 | 256QAM    | 1  | 1  | 19.34 | 19.45 | 19.05 | 20.00 | 20.00 | 20.00 |



# FCC SAR TEST REPORT

Report No. :FA451606B

| <FR1 n48_Ant 6_Index 4/5/6> |            |                 |           |                          |                             |                           | Tune-up Limit            |                             |                           |
|-----------------------------|------------|-----------------|-----------|--------------------------|-----------------------------|---------------------------|--------------------------|-----------------------------|---------------------------|
| BW [MHz]                    | Modulation | RB Size         | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. |
| Sub carrier spacing         |            | Channel         |           | 638000                   | 641666                      | 645332                    | 638000                   | 641666                      | 645332                    |
| 30k                         | Hz         | Frequency (MHz) |           | 3570                     | 3624.99                     | 3679.98                   | 3570                     | 3624.99                     | 3679.98                   |
| 40                          | PI/2 BPSK  | 1               | 1         | 13.49                    | 20.02                       | 13.37                     | 14.00                    | 20.30                       | 14.00                     |
| 40                          | PI/2 BPSK  | 1               | 104       | 13.04                    | 19.50                       | 13.04                     | 14.00                    | 20.30                       | 14.00                     |
| 40                          | PI/2 BPSK  | 50              | 25        | 13.43                    | 19.96                       | 13.13                     | 14.00                    | 20.30                       | 14.00                     |
| 40                          | PI/2 BPSK  | 1               | 0         | 13.53                    | 20.03                       | 13.34                     | 14.00                    | 20.30                       | 14.00                     |
| 40                          | PI/2 BPSK  | 1               | 105       | 13.06                    | 19.44                       | 13.05                     | 14.00                    | 20.00                       | 14.00                     |
| 40                          | PI/2 BPSK  | 100             | 0         | 13.33                    | 19.42                       | 13.13                     | 14.00                    | 20.00                       | 14.00                     |
| 40                          | QPSK       | 1               | 1         | 13.51                    | 19.99                       | 13.43                     | 14.00                    | 20.30                       | 14.00                     |
| 40                          | QPSK       | 1               | 104       | 12.95                    | 19.48                       | 13.00                     | 14.00                    | 20.30                       | 14.00                     |
| 40                          | QPSK       | 50              | 25        | 13.34                    | 19.91                       | 13.13                     | 14.00                    | 20.30                       | 14.00                     |
| 40                          | QPSK       | 1               | 0         | 13.47                    | 19.99                       | 13.39                     | 14.00                    | 20.30                       | 14.00                     |
| 40                          | QPSK       | 1               | 105       | 13.09                    | 19.45                       | 13.04                     | 14.00                    | 20.00                       | 14.00                     |
| 40                          | QPSK       | 100             | 0         | 13.40                    | 19.37                       | 13.15                     | 14.00                    | 20.00                       | 14.00                     |
| 40                          | 16QAM      | 1               | 1         | 12.93                    | 19.95                       | 12.85                     | 14.00                    | 20.30                       | 14.00                     |
| 40                          | 64QAM      | 1               | 1         | 13.01                    | 20.19                       | 12.93                     | 14.00                    | 20.30                       | 14.00                     |
| 40                          | 256QAM     | 1               | 1         | 12.77                    | 19.70                       | 12.80                     | 13.50                    | 20.30                       | 13.50                     |
| Sub carrier spacing         |            | Channel         |           | 637334                   | 641666                      | 646000                    | 637334                   | 641666                      | 646000                    |
| 30k                         | Hz         | Frequency (MHz) |           | 3560.01                  | 3624.99                     | 3690                      | 3560.01                  | 3624.99                     | 3690                      |
| 20                          | PI/2 BPSK  | 1               | 1         | 19.87                    | 20.18                       | 19.87                     | 20.30                    | 20.30                       | 20.30                     |
| 20                          | PI/2 BPSK  | 1               | 49        | 19.95                    | 19.90                       | 19.62                     | 20.30                    | 20.30                       | 20.30                     |
| 20                          | PI/2 BPSK  | 25              | 12        | 20.05                    | 20.03                       | 19.79                     | 20.30                    | 20.30                       | 20.30                     |
| 20                          | PI/2 BPSK  | 1               | 0         | 19.88                    | 19.91                       | 19.86                     | 20.30                    | 20.30                       | 20.30                     |
| 20                          | PI/2 BPSK  | 1               | 50        | 19.71                    | 19.76                       | 19.68                     | 20.30                    | 20.30                       | 20.30                     |
| 20                          | PI/2 BPSK  | 50              | 0         | 19.80                    | 19.95                       | 19.68                     | 20.30                    | 20.30                       | 20.30                     |
| 20                          | QPSK       | 1               | 1         | 19.92                    | 19.95                       | 19.86                     | 20.30                    | 20.30                       | 20.30                     |
| 20                          | QPSK       | 1               | 49        | 19.61                    | 19.66                       | 19.57                     | 20.30                    | 20.30                       | 20.30                     |
| 20                          | QPSK       | 25              | 12        | 19.55                    | 19.60                       | 19.50                     | 20.30                    | 20.30                       | 20.30                     |
| 20                          | QPSK       | 1               | 0         | 19.94                    | 19.95                       | 19.90                     | 20.30                    | 20.30                       | 20.30                     |
| 20                          | QPSK       | 1               | 50        | 19.71                    | 19.78                       | 19.64                     | 20.30                    | 20.30                       | 20.30                     |
| 20                          | QPSK       | 50              | 0         | 19.83                    | 19.88                       | 19.64                     | 20.30                    | 20.30                       | 20.30                     |
| 20                          | 16QAM      | 1               | 1         | 18.96                    | 19.85                       | 19.80                     | 19.50                    | 20.30                       | 20.30                     |
| 20                          | 64QAM      | 1               | 1         | 18.91                    | 19.81                       | 19.75                     | 19.50                    | 20.30                       | 20.30                     |
| 20                          | 256QAM     | 1               | 1         | 19.34                    | 19.45                       | 19.20                     | 20.00                    | 20.00                       | 20.00                     |
| Sub carrier spacing         |            | Channel         |           | 637168                   | 641666                      | 646166                    | 637168                   | 641666                      | 646166                    |
| 30k                         | Hz         | Frequency (MHz) |           | 3557.52                  | 3624.99                     | 3692.49                   | 3557.52                  | 3624.99                     | 3692.49                   |
| 15                          | PI/2 BPSK  | 1               | 1         | 19.86                    | 20.08                       | 19.95                     | 20.30                    | 20.30                       | 20.30                     |
| 15                          | PI/2 BPSK  | 1               | 36        | 19.80                    | 19.84                       | 19.69                     | 20.30                    | 20.30                       | 20.30                     |
| 15                          | PI/2 BPSK  | 18              | 9         | 19.90                    | 19.96                       | 19.91                     | 20.30                    | 20.30                       | 20.30                     |
| 15                          | PI/2 BPSK  | 1               | 0         | 19.87                    | 19.88                       | 19.80                     | 20.30                    | 20.30                       | 20.30                     |
| 15                          | PI/2 BPSK  | 1               | 37        | 19.69                    | 19.74                       | 19.66                     | 20.30                    | 20.30                       | 20.30                     |
| 15                          | PI/2 BPSK  | 36              | 0         | 19.81                    | 19.93                       | 19.60                     | 20.30                    | 20.30                       | 20.30                     |
| 15                          | QPSK       | 1               | 1         | 19.72                    | 19.85                       | 19.68                     | 20.30                    | 20.30                       | 20.30                     |
| 15                          | QPSK       | 1               | 36        | 19.55                    | 19.60                       | 19.68                     | 20.30                    | 20.30                       | 20.30                     |
| 15                          | QPSK       | 18              | 9         | 19.44                    | 19.54                       | 19.48                     | 20.30                    | 20.30                       | 20.30                     |
| 15                          | QPSK       | 1               | 0         | 19.80                    | 19.89                       | 19.76                     | 20.30                    | 20.30                       | 20.30                     |
| 15                          | QPSK       | 1               | 37        | 19.70                    | 19.76                       | 19.69                     | 20.30                    | 20.30                       | 20.30                     |
| 15                          | QPSK       | 36              | 0         | 19.76                    | 19.78                       | 19.62                     | 20.30                    | 20.30                       | 20.30                     |
| 15                          | 16QAM      | 1               | 1         | 18.94                    | 19.78                       | 19.76                     | 19.50                    | 20.30                       | 20.30                     |
| 15                          | 64QAM      | 1               | 1         | 18.89                    | 19.79                       | 19.71                     | 19.50                    | 20.30                       | 20.30                     |
| 15                          | 256QAM     | 1               | 1         | 19.29                    | 19.46                       | 19.18                     | 20.00                    | 20.00                       | 20.00                     |
| Sub carrier spacing         |            | Channel         |           | 637000                   | 641666                      | 646332                    | 637000                   | 641666                      | 646332                    |
| 30k                         | Hz         | Frequency (MHz) |           | 3555                     | 3624.99                     | 3694.98                   | 3555                     | 3624.99                     | 3694.98                   |



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|    |           |    |    |       |       |       |       |       |       |
|----|-----------|----|----|-------|-------|-------|-------|-------|-------|
| 10 | PI/2 BPSK | 1  | 1  | 19.76 | 20.04 | 19.93 | 20.30 | 20.30 | 20.30 |
| 10 | PI/2 BPSK | 1  | 22 | 19.77 | 19.76 | 19.60 | 20.30 | 20.30 | 20.30 |
| 10 | PI/2 BPSK | 12 | 6  | 19.84 | 19.94 | 19.81 | 20.30 | 20.30 | 20.30 |
| 10 | PI/2 BPSK | 1  | 0  | 19.78 | 19.78 | 19.75 | 20.30 | 20.30 | 20.30 |
| 10 | PI/2 BPSK | 1  | 23 | 19.64 | 19.65 | 19.63 | 20.30 | 20.30 | 20.30 |
| 10 | PI/2 BPSK | 24 | 0  | 19.80 | 19.87 | 19.56 | 20.30 | 20.30 | 20.30 |
| 10 | QPSK      | 1  | 1  | 19.62 | 19.76 | 19.66 | 20.30 | 20.30 | 20.30 |
| 10 | QPSK      | 1  | 22 | 19.51 | 19.57 | 19.63 | 20.30 | 20.30 | 20.30 |
| 10 | QPSK      | 12 | 6  | 19.38 | 19.52 | 19.43 | 20.30 | 20.30 | 20.30 |
| 10 | QPSK      | 1  | 0  | 19.70 | 19.88 | 19.68 | 20.30 | 20.30 | 20.30 |
| 10 | QPSK      | 1  | 23 | 19.61 | 19.66 | 19.63 | 20.30 | 20.30 | 20.30 |
| 10 | QPSK      | 24 | 0  | 19.70 | 19.71 | 19.60 | 20.30 | 20.30 | 20.30 |
| 10 | 16QAM     | 1  | 1  | 19.68 | 19.73 | 19.72 | 20.30 | 20.30 | 20.30 |
| 10 | 64QAM     | 1  | 1  | 19.65 | 19.76 | 19.67 | 20.30 | 20.30 | 20.30 |
| 10 | 256QAM    | 1  | 1  | 19.34 | 19.45 | 19.05 | 20.00 | 20.00 | 20.00 |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 346000                   | 349000                      | 352000                    | 25.7                   |
| Frequency (MHz) |            |         |           | 1730                     | 1745                        | 1760                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.68                    | 24.69                       | 24.57                     |                        |
| 40              | PI/2 BPSK  | 1       | 108       | 24.67                    | 24.67                       | 24.55                     | 25.2                   |
| 40              | PI/2 BPSK  | 1       | 214       | 24.32                    | 24.42                       | 24.28                     |                        |
| 40              | PI/2 BPSK  | 108     | 0         | 24.15                    | 24.18                       | 24.01                     |                        |
| 40              | PI/2 BPSK  | 108     | 54        | 24.59                    | 24.66                       | 24.53                     | 25.2                   |
| 40              | PI/2 BPSK  | 108     | 108       | 24.04                    | 24.06                       | 23.96                     |                        |
| 40              | PI/2 BPSK  | 216     | 0         | 24.06                    | 24.11                       | 23.99                     |                        |
| 40              | QPSK       | 1       | 1         | 24.60                    | 24.64                       | 24.54                     | 25.7                   |
| 40              | QPSK       | 1       | 108       | 24.64                    | 24.68                       | 24.51                     |                        |
| 40              | QPSK       | 1       | 214       | 24.40                    | 24.42                       | 24.23                     |                        |
| 40              | QPSK       | 108     | 0         | 23.63                    | 23.67                       | 23.57                     | 24.7                   |
| 40              | QPSK       | 108     | 54        | 24.59                    | 24.65                       | 24.45                     |                        |
| 40              | QPSK       | 108     | 108       | 23.53                    | 23.55                       | 23.38                     |                        |
| 40              | QPSK       | 216     | 0         | 23.52                    | 23.59                       | 23.44                     | 23.2                   |
| 40              | 16QAM      | 1       | 1         | 23.63                    | 23.68                       | 23.53                     |                        |
| 40              | 64QAM      | 1       | 1         | 21.99                    | 22.07                       | 21.94                     |                        |
| 40              | 256QAM     | 1       | 1         | 20.03                    | 20.05                       | 19.90                     | 21.2                   |
| Channel         |            |         |           | 345000                   | 349000                      | 353000                    | 25.7                   |
| Frequency (MHz) |            |         |           | 1725                     | 1745                        | 1765                      |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.66                    | 24.68                       | 24.47                     |                        |
| Channel         |            |         |           | 344500                   | 349000                      | 353500                    | 25.7                   |
| Frequency (MHz) |            |         |           | 1722.5                   | 1745                        | 1767.5                    |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 24.58                    | 24.59                       | 24.48                     |                        |
| Channel         |            |         |           | 344000                   | 349000                      | 354000                    | 25.7                   |
| Frequency (MHz) |            |         |           | 1720                     | 1745                        | 1770                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.60                    | 24.67                       | 24.57                     |                        |
| Channel         |            |         |           | 343500                   | 349000                      | 354500                    | 25.7                   |
| Frequency (MHz) |            |         |           | 1717.5                   | 1745                        | 1772.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.58                    | 24.60                       | 24.55                     |                        |
| Channel         |            |         |           | 343000                   | 349000                      | 355000                    | 25.7                   |
| Frequency (MHz) |            |         |           | 1715                     | 1745                        | 1775                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.68                    | 24.60                       | 24.53                     |                        |
| Channel         |            |         |           | 342500                   | 349000                      | 355500                    | 25.7                   |
| Frequency (MHz) |            |         |           | 1712.5                   | 1745                        | 1777.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 24.61                    | 24.65                       | 24.48                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 346000                   | 349000                      | 352000                    | 25.7                   |
| Frequency (MHz) |            |         |           | 1730                     | 1745                        | 1760                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.68                    | 24.69                       | 24.57                     |                        |
| 40              | PI/2 BPSK  | 1       | 108       | 24.67                    | 24.67                       | 24.55                     | 25.2                   |
| 40              | PI/2 BPSK  | 1       | 214       | 24.32                    | 24.42                       | 24.28                     |                        |
| 40              | PI/2 BPSK  | 108     | 0         | 24.15                    | 24.18                       | 24.01                     |                        |
| 40              | PI/2 BPSK  | 108     | 54        | 24.59                    | 24.66                       | 24.53                     | 25.2                   |
| 40              | PI/2 BPSK  | 108     | 108       | 24.04                    | 24.06                       | 23.96                     |                        |
| 40              | PI/2 BPSK  | 216     | 0         | 24.06                    | 24.11                       | 23.99                     |                        |
| 40              | QPSK       | 1       | 1         | 24.60                    | 24.64                       | 24.54                     | 25.7                   |
| 40              | QPSK       | 1       | 108       | 24.64                    | 24.68                       | 24.51                     |                        |
| 40              | QPSK       | 1       | 214       | 24.40                    | 24.42                       | 24.23                     |                        |
| 40              | QPSK       | 108     | 0         | 23.63                    | 23.67                       | 23.57                     | 25.7                   |
| 40              | QPSK       | 108     | 54        | 24.59                    | 24.65                       | 24.45                     |                        |
| 40              | QPSK       | 108     | 108       | 23.53                    | 23.55                       | 23.38                     |                        |
| 40              | QPSK       | 216     | 0         | 23.52                    | 23.59                       | 23.44                     | 24.7                   |
| 40              | 16QAM      | 1       | 1         | 23.63                    | 23.68                       | 23.53                     |                        |
| 40              | 64QAM      | 1       | 1         | 21.99                    | 22.07                       | 21.94                     |                        |
| 40              | 256QAM     | 1       | 1         | 20.03                    | 20.05                       | 19.90                     | 21.2                   |
| Channel         |            |         |           | 345000                   | 349000                      | 353000                    | 25.7                   |
| Frequency (MHz) |            |         |           | 1725                     | 1745                        | 1765                      |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.66                    | 24.68                       | 24.47                     |                        |
| Channel         |            |         |           | 344500                   | 349000                      | 353500                    | 25.7                   |
| Frequency (MHz) |            |         |           | 1722.5                   | 1745                        | 1767.5                    |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 24.58                    | 24.59                       | 24.48                     |                        |
| Channel         |            |         |           | 344000                   | 349000                      | 354000                    | 25.7                   |
| Frequency (MHz) |            |         |           | 1720                     | 1745                        | 1770                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.60                    | 24.67                       | 24.57                     |                        |
| Channel         |            |         |           | 343500                   | 349000                      | 354500                    | 25.7                   |
| Frequency (MHz) |            |         |           | 1717.5                   | 1745                        | 1772.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.58                    | 24.60                       | 24.55                     |                        |
| Channel         |            |         |           | 343000                   | 349000                      | 355000                    | 25.7                   |
| Frequency (MHz) |            |         |           | 1715                     | 1745                        | 1775                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.68                    | 24.60                       | 24.53                     |                        |
| Channel         |            |         |           | 342500                   | 349000                      | 355500                    | 25.7                   |
| Frequency (MHz) |            |         |           | 1712.5                   | 1745                        | 1777.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 24.61                    | 24.65                       | 24.48                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 346000                   | 349000                      | 352000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1730                     | 1745                        | 1760                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.32                    | 21.46                       | 21.24                     |                        |
| 40              | PI/2 BPSK  | 1       | 108       | 21.31                    | 21.42                       | 21.28                     | 22.7                   |
| 40              | PI/2 BPSK  | 1       | 214       | 21.15                    | 21.20                       | 21.02                     |                        |
| 40              | PI/2 BPSK  | 108     | 0         | 21.27                    | 21.36                       | 21.25                     |                        |
| 40              | PI/2 BPSK  | 108     | 54        | 21.30                    | 21.41                       | 21.23                     | 22.7                   |
| 40              | PI/2 BPSK  | 108     | 108       | 21.20                    | 21.29                       | 21.12                     | 22.7                   |
| 40              | PI/2 BPSK  | 216     | 0         | 21.24                    | 21.30                       | 21.20                     |                        |
| 40              | QPSK       | 1       | 1         | 21.35                    | 21.40                       | 21.23                     |                        |
| 40              | QPSK       | 1       | 108       | 21.30                    | 21.40                       | 21.28                     | 22.7                   |
| 40              | QPSK       | 1       | 214       | 21.10                    | 21.16                       | 21.01                     |                        |
| 40              | QPSK       | 108     | 0         | 21.34                    | 21.39                       | 21.29                     |                        |
| 40              | QPSK       | 108     | 54        | 21.31                    | 21.38                       | 21.23                     | 22.7                   |
| 40              | QPSK       | 108     | 108       | 21.20                    | 21.30                       | 21.15                     | 22.7                   |
| 40              | QPSK       | 216     | 0         | 21.23                    | 21.34                       | 21.23                     |                        |
| 40              | 16QAM      | 1       | 1         | 21.03                    | 21.10                       | 20.98                     |                        |
| 40              | 64QAM      | 1       | 1         | 21.29                    | 21.37                       | 21.19                     | 22.7                   |
| 40              | 256QAM     | 1       | 1         | 19.66                    | 19.77                       | 19.59                     | 21.2                   |
| Channel         |            |         |           | 345000                   | 349000                      | 353000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1725                     | 1745                        | 1765                      |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.22                    | 21.35                       | 21.16                     |                        |
| Channel         |            |         |           | 344500                   | 349000                      | 353500                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1722.5                   | 1745                        | 1767.5                    |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.21                    | 21.41                       | 21.17                     |                        |
| Channel         |            |         |           | 344000                   | 349000                      | 354000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1720                     | 1745                        | 1770                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.24                    | 21.35                       | 21.18                     |                        |
| Channel         |            |         |           | 343500                   | 349000                      | 354500                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1717.5                   | 1745                        | 1772.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.21                    | 21.38                       | 21.13                     |                        |
| Channel         |            |         |           | 343000                   | 349000                      | 355000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1715                     | 1745                        | 1775                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.25                    | 21.41                       | 21.14                     |                        |
| Channel         |            |         |           | 342500                   | 349000                      | 355500                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1712.5                   | 1745                        | 1777.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 21.21                    | 21.38                       | 21.16                     |                        |



<FR1 n66\_Ant 2\_Index 5>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 | 22.7                |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.32                 | 21.46                    | 21.24                  |                     |
| 40              | PI/2 BPSK  | 1       | 108       | 21.31                 | 21.42                    | 21.28                  | 22.7                |
| 40              | PI/2 BPSK  | 1       | 214       | 21.15                 | 21.20                    | 21.02                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 21.27                 | 21.36                    | 21.25                  |                     |
| 40              | PI/2 BPSK  | 108     | 54        | 21.30                 | 21.41                    | 21.23                  | 22.7                |
| 40              | PI/2 BPSK  | 108     | 108       | 21.20                 | 21.29                    | 21.12                  | 22.7                |
| 40              | PI/2 BPSK  | 216     | 0         | 21.24                 | 21.30                    | 21.20                  |                     |
| 40              | QPSK       | 1       | 1         | 21.35                 | 21.40                    | 21.23                  |                     |
| 40              | QPSK       | 1       | 108       | 21.30                 | 21.40                    | 21.28                  | 22.7                |
| 40              | QPSK       | 1       | 214       | 21.10                 | 21.16                    | 21.01                  |                     |
| 40              | QPSK       | 108     | 0         | 21.34                 | 21.39                    | 21.29                  |                     |
| 40              | QPSK       | 108     | 54        | 21.31                 | 21.38                    | 21.23                  | 22.7                |
| 40              | QPSK       | 108     | 108       | 21.20                 | 21.30                    | 21.15                  | 22.7                |
| 40              | QPSK       | 216     | 0         | 21.23                 | 21.34                    | 21.23                  |                     |
| 40              | 16QAM      | 1       | 1         | 21.03                 | 21.10                    | 20.98                  |                     |
| 40              | 64QAM      | 1       | 1         | 21.29                 | 21.37                    | 21.19                  | 22.7                |
| 40              | 256QAM     | 1       | 1         | 19.66                 | 19.77                    | 19.59                  | 21.2                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | 22.7                |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.22                 | 21.35                    | 21.16                  |                     |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | 22.7                |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.21                 | 21.41                    | 21.17                  |                     |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | 22.7                |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.24                 | 21.35                    | 21.18                  |                     |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | 22.7                |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.21                 | 21.38                    | 21.13                  |                     |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | 22.7                |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.25                 | 21.41                    | 21.14                  |                     |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | 22.7                |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 21.21                 | 21.38                    | 21.16                  |                     |



<FR1 n66\_Ant 2\_Index 6>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 | 22.7                |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.32                 | 21.46                    | 21.24                  |                     |
| 40              | PI/2 BPSK  | 1       | 108       | 21.31                 | 21.42                    | 21.28                  | 22.7                |
| 40              | PI/2 BPSK  | 1       | 214       | 21.15                 | 21.20                    | 21.02                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 21.27                 | 21.36                    | 21.25                  |                     |
| 40              | PI/2 BPSK  | 108     | 54        | 21.30                 | 21.41                    | 21.23                  | 22.7                |
| 40              | PI/2 BPSK  | 108     | 108       | 21.20                 | 21.29                    | 21.12                  | 22.7                |
| 40              | PI/2 BPSK  | 216     | 0         | 21.24                 | 21.30                    | 21.20                  |                     |
| 40              | QPSK       | 1       | 1         | 21.35                 | 21.40                    | 21.23                  |                     |
| 40              | QPSK       | 1       | 108       | 21.30                 | 21.40                    | 21.28                  | 22.7                |
| 40              | QPSK       | 1       | 214       | 21.10                 | 21.16                    | 21.01                  |                     |
| 40              | QPSK       | 108     | 0         | 21.34                 | 21.39                    | 21.29                  |                     |
| 40              | QPSK       | 108     | 54        | 21.31                 | 21.38                    | 21.23                  | 22.7                |
| 40              | QPSK       | 108     | 108       | 21.20                 | 21.30                    | 21.15                  | 22.7                |
| 40              | QPSK       | 216     | 0         | 21.23                 | 21.34                    | 21.23                  |                     |
| 40              | 16QAM      | 1       | 1         | 21.03                 | 21.10                    | 20.98                  |                     |
| 40              | 64QAM      | 1       | 1         | 21.29                 | 21.37                    | 21.19                  | 22.7                |
| 40              | 256QAM     | 1       | 1         | 19.66                 | 19.77                    | 19.59                  | 21.2                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | 22.7                |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.22                 | 21.35                    | 21.16                  |                     |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | 22.7                |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.21                 | 21.41                    | 21.17                  |                     |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | 22.7                |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.24                 | 21.35                    | 21.18                  |                     |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | 22.7                |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.21                 | 21.38                    | 21.13                  |                     |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | 22.7                |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.25                 | 21.41                    | 21.14                  |                     |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | 22.7                |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 21.21                 | 21.38                    | 21.16                  |                     |



<FR1 n70\_Ant 2\_Index 2>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 24.74                    |                        | 25.7                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 24.67                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 24.56                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 24.26                    |                        | 25.2                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 24.72                    |                        | 25.7                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 24.21                    |                        | 25.2                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 24.31                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 24.72                    |                        | 25.7                |
| 15              | QPSK       | 1       | 40        |                       | 24.68                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 24.61                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 23.75                    |                        | 24.7                |
| 15              | QPSK       | 36      | 22        |                       | 24.71                    |                        | 25.7                |
| 15              | QPSK       | 36      | 43        |                       | 23.75                    |                        | 24.7                |
| 15              | QPSK       | 75      | 0         |                       | 23.79                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 23.89                    |                        | 24.7                |
| 15              | 64QAM      | 1       | 1         |                       | 22.25                    |                        | 23.2                |
| 15              | 256QAM     | 1       | 1         |                       | 20.49                    |                        | 21.2                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.65                 | 24.71                    | 24.67                  | 25.7                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.68                 | 24.70                    | 24.64                  | 25.7                |



**<FR1 n70\_Ant 2\_Index 3>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 24.74                    |                        | 25.6                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 24.67                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 24.56                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 24.26                    |                        | 25.2                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 24.72                    |                        | 25.6                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 24.21                    |                        | 25.2                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 24.31                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 24.72                    |                        | 25.6                |
| 15              | QPSK       | 1       | 40        |                       | 24.68                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 24.61                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 23.75                    |                        | 24.7                |
| 15              | QPSK       | 36      | 22        |                       | 24.71                    |                        | 25.6                |
| 15              | QPSK       | 36      | 43        |                       | 23.75                    |                        | 24.7                |
| 15              | QPSK       | 75      | 0         |                       | 23.79                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 23.89                    |                        | 24.7                |
| 15              | 64QAM      | 1       | 1         |                       | 22.25                    |                        | 23.2                |
| 15              | 256QAM     | 1       | 1         |                       | 20.49                    |                        | 21.2                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.65                 | 24.71                    | 24.67                  | 25.6                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.68                 | 24.70                    | 24.64                  | 25.6                |

**<FR1 n70\_Ant 2\_Index 4>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 21.54                    |                        | 23.1                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 21.44                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 21.40                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 21.47                    |                        | 23.1                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 21.53                    |                        | 23.1                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 21.47                    |                        | 23.1                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 21.50                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 21.50                    |                        | 23.1                |
| 15              | QPSK       | 1       | 40        |                       | 21.41                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 21.39                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 21.51                    |                        | 23.1                |
| 15              | QPSK       | 36      | 22        |                       | 21.53                    |                        | 23.1                |
| 15              | QPSK       | 36      | 43        |                       | 21.46                    |                        | 23.1                |
| 15              | QPSK       | 75      | 0         |                       | 21.53                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 21.30                    |                        | 23.1                |
| 15              | 64QAM      | 1       | 1         |                       | 21.46                    |                        | 23.1                |
| 15              | 256QAM     | 1       | 1         |                       | 20.36                    |                        | 21.2                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.44                 | 21.52                    | 21.48                  | 23.1                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 21.46                 | 21.50                    | 21.45                  | 23.1                |

**<FR1 n70\_Ant 2\_Index 5>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 21.54                    |                        | 23.1                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 21.44                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 21.40                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 21.47                    |                        | 23.1                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 21.53                    |                        | 23.1                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 21.47                    |                        | 23.1                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 21.50                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 21.50                    |                        | 23.1                |
| 15              | QPSK       | 1       | 40        |                       | 21.41                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 21.39                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 21.51                    |                        | 23.1                |
| 15              | QPSK       | 36      | 22        |                       | 21.53                    |                        | 23.1                |
| 15              | QPSK       | 36      | 43        |                       | 21.46                    |                        | 23.1                |
| 15              | QPSK       | 75      | 0         |                       | 21.53                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 21.30                    |                        | 23.1                |
| 15              | 64QAM      | 1       | 1         |                       | 21.46                    |                        | 23.1                |
| 15              | 256QAM     | 1       | 1         |                       | 20.36                    |                        | 21.2                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.44                 | 21.52                    | 21.48                  | 23.1                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 21.46                 | 21.50                    | 21.45                  | 23.1                |

**<FR1 n70\_Ant 2\_Index 6>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 21.54                    |                        | 23.1                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 21.44                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 21.40                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 21.47                    |                        | 23.1                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 21.53                    |                        | 23.1                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 21.47                    |                        | 23.1                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 21.50                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 21.50                    |                        | 23.1                |
| 15              | QPSK       | 1       | 40        |                       | 21.41                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 21.39                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 21.51                    |                        | 23.1                |
| 15              | QPSK       | 36      | 22        |                       | 21.53                    |                        | 23.1                |
| 15              | QPSK       | 36      | 43        |                       | 21.46                    |                        | 23.1                |
| 15              | QPSK       | 75      | 0         |                       | 21.53                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 21.30                    |                        | 23.1                |
| 15              | 64QAM      | 1       | 1         |                       | 21.46                    |                        | 23.1                |
| 15              | 256QAM     | 1       | 1         |                       | 20.36                    |                        | 21.2                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.44                 | 21.52                    | 21.48                  | 23.1                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 21.46                 | 21.50                    | 21.45                  | 23.1                |



<FR1 n71\_Ant 0\_Index 2>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 134600                   | 136100                      | 137600                    | 25.7                   |
| Frequency (MHz) |            |         |           | 673                      | 680.5                       | 688                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.73                    | 24.78                       | 24.75                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 24.77                    | 24.77                       | 24.67                     | 25.2                   |
| 20              | PI/2 BPSK  | 1       | 104       | 24.70                    | 24.72                       | 24.66                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 24.25                    | 24.28                       | 24.27                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 24.69                    | 24.73                       | 24.70                     | 25.2                   |
| 20              | PI/2 BPSK  | 50      | 56        | 24.23                    | 24.23                       | 24.20                     |                        |
| 20              | PI/2 BPSK  | 100     | 0         | 24.13                    | 24.22                       | 24.13                     |                        |
| 20              | QPSK       | 1       | 1         | 24.68                    | 24.70                       | 24.69                     | 25.7                   |
| 20              | QPSK       | 1       | 53        | 24.63                    | 24.69                       | 24.65                     |                        |
| 20              | QPSK       | 1       | 104       | 24.69                    | 24.72                       | 24.66                     |                        |
| 20              | QPSK       | 50      | 0         | 23.74                    | 23.78                       | 23.72                     | 24.7                   |
| 20              | QPSK       | 50      | 28        | 24.66                    | 24.72                       | 24.71                     |                        |
| 20              | QPSK       | 50      | 56        | 23.71                    | 23.73                       | 23.64                     |                        |
| 20              | QPSK       | 100     | 0         | 23.73                    | 23.75                       | 23.74                     | 23.2                   |
| 20              | 16QAM      | 1       | 1         | 23.78                    | 23.81                       | 23.75                     |                        |
| 20              | 64QAM      | 1       | 1         | 22.30                    | 22.35                       | 22.32                     |                        |
| 20              | 256QAM     | 1       | 1         | 20.31                    | 20.32                       | 20.22                     | 21.2                   |
| Channel         |            |         |           | 134100                   | 136100                      | 138100                    | 25.7                   |
| Frequency (MHz) |            |         |           | 670.5                    | 680.5                       | 690.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.64                    | 24.76                       | 24.71                     |                        |
| Channel         |            |         |           | 133600                   | 136100                      | 138600                    | 25.7                   |
| Frequency (MHz) |            |         |           | 668                      | 680.5                       | 693                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.73                    | 24.73                       | 24.73                     |                        |
| Channel         |            |         |           | 133100                   | 136100                      | 139100                    | 25.7                   |
| Frequency (MHz) |            |         |           | 665.5                    | 680.5                       | 695.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 24.69                    | 24.73                       | 24.67                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 134600                | 136100                   | 137600                 | 25.7                |
| Frequency (MHz) |            |         |           | 673                   | 680.5                    | 688                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.73                 | 24.78                    | 24.75                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 24.77                 | 24.77                    | 24.67                  | 25.2                |
| 20              | PI/2 BPSK  | 1       | 104       | 24.70                 | 24.72                    | 24.66                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 24.25                 | 24.28                    | 24.27                  |                     |
| 20              | PI/2 BPSK  | 50      | 28        | 24.69                 | 24.73                    | 24.70                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 56        | 24.23                 | 24.23                    | 24.20                  |                     |
| 20              | PI/2 BPSK  | 100     | 0         | 24.13                 | 24.22                    | 24.13                  |                     |
| 20              | QPSK       | 1       | 1         | 24.68                 | 24.70                    | 24.69                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 24.63                 | 24.69                    | 24.65                  |                     |
| 20              | QPSK       | 1       | 104       | 24.69                 | 24.72                    | 24.66                  |                     |
| 20              | QPSK       | 50      | 0         | 23.74                 | 23.78                    | 23.72                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 24.66                 | 24.72                    | 24.71                  |                     |
| 20              | QPSK       | 50      | 56        | 23.71                 | 23.73                    | 23.64                  |                     |
| 20              | QPSK       | 100     | 0         | 23.73                 | 23.75                    | 23.74                  | 23.2                |
| 20              | 16QAM      | 1       | 1         | 23.78                 | 23.81                    | 23.75                  |                     |
| 20              | 64QAM      | 1       | 1         | 22.30                 | 22.35                    | 22.32                  |                     |
| 20              | 256QAM     | 1       | 1         | 20.31                 | 20.32                    | 20.22                  | 21.2                |
| Channel         |            |         |           | 134100                | 136100                   | 138100                 | 25.7                |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5                    | 690.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.64                 | 24.76                    | 24.71                  |                     |
| Channel         |            |         |           | 133600                | 136100                   | 138600                 | 25.7                |
| Frequency (MHz) |            |         |           | 668                   | 680.5                    | 693                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.73                 | 24.73                    | 24.73                  |                     |
| Channel         |            |         |           | 133100                | 136100                   | 139100                 | 25.7                |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5                    | 695.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.69                 | 24.73                    | 24.67                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 134600                | 136100                   | 137600                 | 25.7                |
| Frequency (MHz) |            |         |           | 673                   | 680.5                    | 688                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.73                 | 24.78                    | 24.75                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 24.77                 | 24.77                    | 24.67                  | 25.2                |
| 20              | PI/2 BPSK  | 1       | 104       | 24.70                 | 24.72                    | 24.66                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 24.25                 | 24.28                    | 24.27                  |                     |
| 20              | PI/2 BPSK  | 50      | 28        | 24.69                 | 24.73                    | 24.70                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 56        | 24.23                 | 24.23                    | 24.20                  |                     |
| 20              | PI/2 BPSK  | 100     | 0         | 24.13                 | 24.22                    | 24.13                  |                     |
| 20              | QPSK       | 1       | 1         | 24.68                 | 24.70                    | 24.69                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 24.63                 | 24.69                    | 24.65                  |                     |
| 20              | QPSK       | 1       | 104       | 24.69                 | 24.72                    | 24.66                  |                     |
| 20              | QPSK       | 50      | 0         | 23.74                 | 23.78                    | 23.72                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 24.66                 | 24.72                    | 24.71                  |                     |
| 20              | QPSK       | 50      | 56        | 23.71                 | 23.73                    | 23.64                  |                     |
| 20              | QPSK       | 100     | 0         | 23.73                 | 23.75                    | 23.74                  | 23.2                |
| 20              | 16QAM      | 1       | 1         | 23.78                 | 23.81                    | 23.75                  |                     |
| 20              | 64QAM      | 1       | 1         | 22.30                 | 22.35                    | 22.32                  |                     |
| 20              | 256QAM     | 1       | 1         | 20.31                 | 20.32                    | 20.22                  | 21.2                |
| Channel         |            |         |           | 134100                | 136100                   | 138100                 | 25.7                |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5                    | 690.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.64                 | 24.76                    | 24.71                  |                     |
| Channel         |            |         |           | 133600                | 136100                   | 138600                 | 25.7                |
| Frequency (MHz) |            |         |           | 668                   | 680.5                    | 693                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.73                 | 24.73                    | 24.73                  |                     |
| Channel         |            |         |           | 133100                | 136100                   | 139100                 | 25.7                |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5                    | 695.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.69                 | 24.73                    | 24.67                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 134600                   | 136100                      | 137600                    | 25.7                   |
| Frequency (MHz) |            |         |           | 673                      | 680.5                       | 688                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.73                    | 24.78                       | 24.75                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 24.77                    | 24.77                       | 24.67                     | 25.2                   |
| 20              | PI/2 BPSK  | 1       | 104       | 24.70                    | 24.72                       | 24.66                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 24.25                    | 24.28                       | 24.27                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 24.69                    | 24.73                       | 24.70                     | 25.2                   |
| 20              | PI/2 BPSK  | 50      | 56        | 24.23                    | 24.23                       | 24.20                     |                        |
| 20              | PI/2 BPSK  | 100     | 0         | 24.13                    | 24.22                       | 24.13                     |                        |
| 20              | QPSK       | 1       | 1         | 24.68                    | 24.70                       | 24.69                     | 25.7                   |
| 20              | QPSK       | 1       | 53        | 24.63                    | 24.69                       | 24.65                     |                        |
| 20              | QPSK       | 1       | 104       | 24.69                    | 24.72                       | 24.66                     |                        |
| 20              | QPSK       | 50      | 0         | 23.74                    | 23.78                       | 23.72                     | 24.7                   |
| 20              | QPSK       | 50      | 28        | 24.66                    | 24.72                       | 24.71                     |                        |
| 20              | QPSK       | 50      | 56        | 23.71                    | 23.73                       | 23.64                     |                        |
| 20              | QPSK       | 100     | 0         | 23.73                    | 23.75                       | 23.74                     | 23.2                   |
| 20              | 16QAM      | 1       | 1         | 23.78                    | 23.81                       | 23.75                     |                        |
| 20              | 64QAM      | 1       | 1         | 22.30                    | 22.35                       | 22.32                     |                        |
| 20              | 256QAM     | 1       | 1         | 20.31                    | 20.32                       | 20.22                     | 21.2                   |
| Channel         |            |         |           | 134100                   | 136100                      | 138100                    | 25.7                   |
| Frequency (MHz) |            |         |           | 670.5                    | 680.5                       | 690.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.64                    | 24.76                       | 24.71                     |                        |
| Channel         |            |         |           | 133600                   | 136100                      | 138600                    | 25.7                   |
| Frequency (MHz) |            |         |           | 668                      | 680.5                       | 693                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.73                    | 24.73                       | 24.73                     |                        |
| Channel         |            |         |           | 133100                   | 136100                      | 139100                    | 25.7                   |
| Frequency (MHz) |            |         |           | 665.5                    | 680.5                       | 695.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 24.69                    | 24.73                       | 24.67                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 134600                | 136100                   | 137600                 | 25.7                |
| Frequency (MHz) |            |         |           | 673                   | 680.5                    | 688                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.73                 | 24.78                    | 24.75                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 24.77                 | 24.77                    | 24.67                  | 25.2                |
| 20              | PI/2 BPSK  | 1       | 104       | 24.70                 | 24.72                    | 24.66                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 24.25                 | 24.28                    | 24.27                  |                     |
| 20              | PI/2 BPSK  | 50      | 28        | 24.69                 | 24.73                    | 24.70                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 56        | 24.23                 | 24.23                    | 24.20                  |                     |
| 20              | PI/2 BPSK  | 100     | 0         | 24.13                 | 24.22                    | 24.13                  |                     |
| 20              | QPSK       | 1       | 1         | 24.68                 | 24.70                    | 24.69                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 24.63                 | 24.69                    | 24.65                  |                     |
| 20              | QPSK       | 1       | 104       | 24.69                 | 24.72                    | 24.66                  |                     |
| 20              | QPSK       | 50      | 0         | 23.74                 | 23.78                    | 23.72                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 24.66                 | 24.72                    | 24.71                  |                     |
| 20              | QPSK       | 50      | 56        | 23.71                 | 23.73                    | 23.64                  |                     |
| 20              | QPSK       | 100     | 0         | 23.73                 | 23.75                    | 23.74                  | 23.2                |
| 20              | 16QAM      | 1       | 1         | 23.78                 | 23.81                    | 23.75                  |                     |
| 20              | 64QAM      | 1       | 1         | 22.30                 | 22.35                    | 22.32                  |                     |
| 20              | 256QAM     | 1       | 1         | 20.31                 | 20.32                    | 20.22                  | 21.2                |
| Channel         |            |         |           | 134100                | 136100                   | 138100                 | 25.7                |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5                    | 690.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.64                 | 24.76                    | 24.71                  |                     |
| Channel         |            |         |           | 133600                | 136100                   | 138600                 | 25.7                |
| Frequency (MHz) |            |         |           | 668                   | 680.5                    | 693                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.73                 | 24.73                    | 24.73                  |                     |
| Channel         |            |         |           | 133100                | 136100                   | 139100                 | 25.7                |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5                    | 695.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.69                 | 24.73                    | 24.67                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 | 25.7                |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.24                    | 24.19                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 24.13                 | 24.22                    | 24.18                  | 25.2                |
| 100             | PI/2 BPSK  | 1       | 271       | 24.20                 | 24.20                    | 24.17                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 24.16                 | 24.21                    | 24.20                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 24.50                 | 24.58                    | 24.57                  | 25.2                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.90                 | 23.99                    | 23.92                  |                     |
| 100             | PI/2 BPSK  | 270     | 0         | 24.08                 | 24.18                    | 24.15                  |                     |
| 100             | QPSK       | 1       | 1         | 23.88                 | 23.96                    | 23.93                  | 25.7                |
| 100             | QPSK       | 1       | 137       | 24.17                 | 24.23                    | 24.23                  |                     |
| 100             | QPSK       | 1       | 271       | 24.13                 | 24.16                    | 24.14                  |                     |
| 100             | QPSK       | 135     | 0         | 23.69                 | 23.69                    | 23.62                  | 24.7                |
| 100             | QPSK       | 135     | 69        | 24.48                 | 24.57                    | 24.47                  |                     |
| 100             | QPSK       | 135     | 138       | 23.42                 | 23.50                    | 23.50                  |                     |
| 100             | QPSK       | 270     | 0         | 23.65                 | 23.67                    | 23.64                  | 24.7                |
| 100             | 16QAM      | 1       | 1         | 22.95                 | 22.98                    | 22.92                  |                     |
| 100             | 64QAM      | 1       | 1         | 21.47                 | 21.50                    | 21.46                  |                     |
| 100             | 256QAM     | 1       | 1         | 19.46                 | 19.53                    | 19.47                  | 21.2                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | 25.7                |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.21                    | 24.14                  |                     |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | 25.7                |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.14                    | 24.12                  |                     |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | 25.7                |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.11                 | 24.18                    | 24.09                  |                     |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | 25.7                |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.14                    | 24.13                  |                     |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | 25.7                |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.12                 | 24.24                    | 24.10                  |                     |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | 25.7                |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.12                 | 24.18                    | 24.16                  |                     |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | 25.7                |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.20                    | 24.10                  |                     |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | 25.7                |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.17                 | 24.20                    | 24.19                  |                     |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | 25.7                |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.22                    | 24.16                  |                     |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | 25.7                |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.16                    | 24.17                  |                     |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | 25.7                |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.16                 | 24.16                    | 24.17                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 15.5                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 14.08                    | 14.18                       | 14.07                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 13.66                    | 13.61                       | 13.51                     | 15.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 13.81                    | 13.93                       | 13.78                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 13.75                    | 13.85                       | 13.71                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 13.75                    | 13.86                       | 13.71                     | 15.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 13.70                    | 13.85                       | 13.70                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 14.04                    | 14.15                       | 14.00                     |                        |
| 100             | QPSK       | 1       | 1         | 13.99                    | 14.13                       | 13.99                     | 15.5                   |
| 100             | QPSK       | 1       | 137       | 13.63                    | 13.52                       | 13.62                     |                        |
| 100             | QPSK       | 1       | 271       | 13.76                    | 13.86                       | 13.71                     |                        |
| 100             | QPSK       | 135     | 0         | 13.67                    | 13.78                       | 13.66                     | 15.5                   |
| 100             | QPSK       | 135     | 69        | 13.67                    | 13.79                       | 13.65                     |                        |
| 100             | QPSK       | 135     | 138       | 13.66                    | 13.76                       | 13.66                     |                        |
| 100             | QPSK       | 270     | 0         | 13.93                    | 14.07                       | 13.92                     | 15.5                   |
| 100             | 16QAM      | 1       | 1         | 13.96                    | 14.11                       | 13.96                     |                        |
| 100             | 64QAM      | 1       | 1         | 14.02                    | 14.12                       | 13.99                     |                        |
| 100             | 256QAM     | 1       | 1         | 14.03                    | 14.15                       | 14.00                     | 15.5                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 15.5                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 14.03                    | 14.10                       | 13.99                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 15.5                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 14.00                    | 14.09                       | 14.00                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 15.5                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 14.01                    | 14.11                       | 14.01                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 15.5                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 14.01                    | 14.10                       | 14.02                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 15.5                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 14.03                    | 14.08                       | 14.01                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 15.5                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 13.99                    | 14.13                       | 14.02                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 15.5                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 14.02                    | 14.10                       | 14.01                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 15.5                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 13.98                    | 14.12                       | 14.00                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 15.5                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 13.99                    | 14.10                       | 13.97                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 15.5                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 14.00                    | 14.12                       | 14.00                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 15.5                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 14.02                    | 14.11                       | 14.12                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 24.3                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 23.30                    | 23.29                       | 23.55                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 23.22                    | 23.21                       | 23.47                     | 24.3                   |
| 100             | PI/2 BPSK  | 1       | 271       | 23.12                    | 23.11                       | 23.37                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 23.22                    | 23.21                       | 23.47                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 23.17                    | 23.16                       | 23.42                     | 24.3                   |
| 100             | PI/2 BPSK  | 135     | 138       | 23.23                    | 23.22                       | 23.48                     | 24.3                   |
| 100             | PI/2 BPSK  | 270     | 0         | 23.27                    | 23.26                       | 23.52                     |                        |
| 100             | QPSK       | 1       | 1         | 23.20                    | 23.19                       | 23.45                     |                        |
| 100             | QPSK       | 1       | 137       | 23.25                    | 23.24                       | 23.50                     | 24.3                   |
| 100             | QPSK       | 1       | 271       | 23.12                    | 23.11                       | 23.37                     |                        |
| 100             | QPSK       | 135     | 0         | 23.09                    | 23.08                       | 23.34                     |                        |
| 100             | QPSK       | 135     | 69        | 23.27                    | 23.26                       | 23.52                     | 24.2                   |
| 100             | QPSK       | 135     | 138       | 23.01                    | 23.00                       | 23.26                     | 24.2                   |
| 100             | QPSK       | 270     | 0         | 23.28                    | 23.27                       | 23.53                     |                        |
| 100             | 16QAM      | 1       | 1         | 22.84                    | 22.84                       | 23.09                     |                        |
| 100             | 64QAM      | 1       | 1         | 21.32                    | 21.31                       | 21.55                     | 22.7                   |
| 100             | 256QAM     | 1       | 1         | 19.40                    | 19.39                       | 19.61                     | 20.7                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 24.3                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 23.13                    | 23.30                       | 23.13                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 24.3                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 23.23                    | 23.23                       | 23.12                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 24.3                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 23.23                    | 23.18                       | 23.18                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 24.3                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 23.16                    | 23.23                       | 23.27                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 24.3                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 23.28                    | 23.12                       | 23.26                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 24.3                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 23.22                    | 23.11                       | 23.15                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 24.3                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 23.22                    | 23.14                       | 23.27                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 24.3                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 23.10                    | 23.28                       | 23.11                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 24.3                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 23.11                    | 23.28                       | 23.29                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 24.3                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 23.14                    | 23.22                       | 23.27                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 24.3                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 23.27                    | 23.11                       | 23.15                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 13.6                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 12.25                    | 12.35                       | 11.98                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 12.24                    | 12.34                       | 11.97                     | 13.6                   |
| 100             | PI/2 BPSK  | 1       | 271       | 12.77                    | 12.87                       | 12.48                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 12.64                    | 12.74                       | 12.36                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 12.66                    | 12.76                       | 12.38                     | 13.6                   |
| 100             | PI/2 BPSK  | 135     | 138       | 12.68                    | 12.78                       | 12.40                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 12.57                    | 12.67                       | 12.29                     |                        |
| 100             | QPSK       | 1       | 1         | 12.23                    | 12.33                       | 11.96                     | 13.6                   |
| 100             | QPSK       | 1       | 137       | 12.23                    | 12.33                       | 11.96                     |                        |
| 100             | QPSK       | 1       | 271       | 12.76                    | 12.86                       | 12.47                     |                        |
| 100             | QPSK       | 135     | 0         | 12.71                    | 12.81                       | 12.43                     | 13.6                   |
| 100             | QPSK       | 135     | 69        | 12.67                    | 12.77                       | 12.39                     |                        |
| 100             | QPSK       | 135     | 138       | 12.66                    | 12.76                       | 12.38                     |                        |
| 100             | QPSK       | 270     | 0         | 12.55                    | 12.65                       | 12.27                     | 13.6                   |
| 100             | 16QAM      | 1       | 1         | 12.24                    | 12.34                       | 11.97                     |                        |
| 100             | 64QAM      | 1       | 1         | 12.17                    | 12.27                       | 11.90                     |                        |
| 100             | 256QAM     | 1       | 1         | 12.20                    | 12.30                       | 11.93                     | 13.6                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 13.6                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 12.21                    | 12.20                       | 11.94                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 13.6                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 12.11                    | 12.22                       | 11.93                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 13.6                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 12.08                    | 12.20                       | 11.89                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 13.6                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 12.24                    | 12.24                       | 11.87                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 13.6                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 12.12                    | 12.29                       | 11.96                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 13.6                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 12.13                    | 12.25                       | 11.92                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 13.6                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 12.16                    | 12.31                       | 11.85                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 13.6                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 12.11                    | 12.26                       | 11.82                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 13.6                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 12.23                    | 12.21                       | 11.93                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 13.6                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 12.21                    | 12.32                       | 11.83                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 13.6                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 12.11                    | 12.26                       | 11.96                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 19.33                    | 19.43                       | 19.30                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 19.29                    | 19.42                       | 19.32                     | 20.8                   |
| 100             | PI/2 BPSK  | 1       | 271       | 19.27                    | 19.40                       | 19.36                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 19.77                    | 19.89                       | 19.75                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 19.85                    | 19.90                       | 19.77                     | 20.8                   |
| 100             | PI/2 BPSK  | 135     | 138       | 19.74                    | 19.81                       | 19.76                     | 20.8                   |
| 100             | PI/2 BPSK  | 270     | 0         | 19.87                    | 20.01                       | 19.94                     |                        |
| 100             | QPSK       | 1       | 1         | 19.27                    | 19.36                       | 19.29                     |                        |
| 100             | QPSK       | 1       | 137       | 19.22                    | 19.33                       | 19.29                     | 20.8                   |
| 100             | QPSK       | 1       | 271       | 19.20                    | 19.28                       | 19.23                     |                        |
| 100             | QPSK       | 135     | 0         | 19.66                    | 19.80                       | 19.68                     |                        |
| 100             | QPSK       | 135     | 69        | 19.67                    | 19.78                       | 19.74                     | 20.8                   |
| 100             | QPSK       | 135     | 138       | 19.69                    | 19.75                       | 19.68                     | 20.8                   |
| 100             | QPSK       | 270     | 0         | 19.83                    | 19.92                       | 19.83                     |                        |
| 100             | 16QAM      | 1       | 1         | 19.94                    | 19.99                       | 19.95                     |                        |
| 100             | 64QAM      | 1       | 1         | 19.86                    | 19.90                       | 19.79                     | 20.8                   |
| 100             | 256QAM     | 1       | 1         | 19.77                    | 19.90                       | 19.85                     | 20.8                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 19.26                    | 19.35                       | 19.16                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 19.26                    | 19.35                       | 19.18                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 19.22                    | 19.31                       | 19.23                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 19.22                    | 19.33                       | 19.16                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 19.27                    | 19.30                       | 19.21                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 19.21                    | 19.35                       | 19.20                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 19.26                    | 19.33                       | 19.26                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 19.27                    | 19.35                       | 19.21                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 19.19                    | 19.36                       | 19.17                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 19.25                    | 19.32                       | 19.16                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 19.27                    | 19.37                       | 19.20                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 | 19.6                |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 18.93                 | 18.98                    | 18.64                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 18.16                 | 18.21                    | 17.88                  | 19.6                |
| 100             | PI/2 BPSK  | 1       | 271       | 18.71                 | 18.76                    | 18.42                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 18.75                 | 18.80                    | 18.46                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 18.77                 | 18.82                    | 18.48                  | 19.6                |
| 100             | PI/2 BPSK  | 135     | 138       | 18.63                 | 18.68                    | 18.35                  |                     |
| 100             | PI/2 BPSK  | 270     | 0         | 18.89                 | 18.94                    | 18.60                  |                     |
| 100             | QPSK       | 1       | 1         | 18.91                 | 18.96                    | 18.62                  | 19.6                |
| 100             | QPSK       | 1       | 137       | 18.14                 | 18.19                    | 17.86                  |                     |
| 100             | QPSK       | 1       | 271       | 18.68                 | 18.73                    | 18.39                  |                     |
| 100             | QPSK       | 135     | 0         | 18.72                 | 18.77                    | 18.43                  | 19.6                |
| 100             | QPSK       | 135     | 69        | 18.75                 | 18.80                    | 18.46                  |                     |
| 100             | QPSK       | 135     | 138       | 18.60                 | 18.65                    | 18.32                  |                     |
| 100             | QPSK       | 270     | 0         | 18.85                 | 18.90                    | 18.56                  | 19.6                |
| 100             | 16QAM      | 1       | 1         | 18.89                 | 18.94                    | 18.60                  |                     |
| 100             | 64QAM      | 1       | 1         | 18.84                 | 18.89                    | 18.55                  |                     |
| 100             | 256QAM     | 1       | 1         | 18.86                 | 18.91                    | 18.57                  | 19.6                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | 19.6                |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.86                 | 18.92                    | 18.56                  |                     |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | 19.6                |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.90                 | 18.94                    | 18.62                  |                     |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | 19.6                |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.91                 | 18.90                    | 18.58                  |                     |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | 19.6                |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.88                 | 18.90                    | 18.58                  |                     |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | 19.6                |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.85                 | 18.95                    | 18.60                  |                     |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | 19.6                |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.89                 | 18.96                    | 18.58                  |                     |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | 19.6                |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.87                 | 18.93                    | 18.61                  |                     |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | 19.6                |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.91                 | 18.94                    | 18.56                  |                     |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | 19.6                |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.85                 | 18.95                    | 18.58                  |                     |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | 19.6                |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.89                 | 18.91                    | 18.57                  |                     |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | 19.6                |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.89                 | 18.94                    | 18.56                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 | 20.8                |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 19.33                 | 19.43                    | 19.30                  | 20.8                |
| 100             | PI/2 BPSK  | 1       | 137       | 19.29                 | 19.42                    | 19.32                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 19.27                 | 19.40                    | 19.36                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 19.77                 | 19.89                    | 19.75                  | 20.8                |
| 100             | PI/2 BPSK  | 135     | 69        | 19.85                 | 19.90                    | 19.77                  | 20.8                |
| 100             | PI/2 BPSK  | 135     | 138       | 19.74                 | 19.81                    | 19.76                  | 20.8                |
| 100             | PI/2 BPSK  | 270     | 0         | 19.87                 | 20.01                    | 19.94                  |                     |
| 100             | QPSK       | 1       | 1         | 19.27                 | 19.36                    | 19.29                  | 20.8                |
| 100             | QPSK       | 1       | 137       | 19.22                 | 19.33                    | 19.29                  |                     |
| 100             | QPSK       | 1       | 271       | 19.20                 | 19.28                    | 19.23                  |                     |
| 100             | QPSK       | 135     | 0         | 19.66                 | 19.80                    | 19.68                  | 20.8                |
| 100             | QPSK       | 135     | 69        | 19.67                 | 19.78                    | 19.74                  | 20.8                |
| 100             | QPSK       | 135     | 138       | 19.69                 | 19.75                    | 19.68                  | 20.8                |
| 100             | QPSK       | 270     | 0         | 19.83                 | 19.92                    | 19.83                  |                     |
| 100             | 16QAM      | 1       | 1         | 19.94                 | 19.99                    | 19.95                  | 20.8                |
| 100             | 64QAM      | 1       | 1         | 19.86                 | 19.90                    | 19.79                  | 20.8                |
| 100             | 256QAM     | 1       | 1         | 19.77                 | 19.90                    | 19.85                  | 20.8                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.26                 | 19.35                    | 19.16                  | 20.8                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.26                 | 19.35                    | 19.18                  | 20.8                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.22                 | 19.31                    | 19.23                  | 20.8                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.22                 | 19.33                    | 19.16                  | 20.8                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.27                 | 19.30                    | 19.21                  | 20.8                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.21                 | 19.35                    | 19.20                  | 20.8                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.26                 | 19.33                    | 19.26                  | 20.8                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.27                 | 19.35                    | 19.21                  | 20.8                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.19                 | 19.36                    | 19.17                  | 20.8                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.25                 | 19.32                    | 19.16                  | 20.8                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.27                 | 19.37                    | 19.20                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 21.6                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 20.06                    | 20.12                       | 20.07                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 19.61                    | 19.62                       | 19.62                     | 21.6                   |
| 100             | PI/2 BPSK  | 1       | 271       | 19.83                    | 19.86                       | 19.82                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 19.68                    | 19.71                       | 19.70                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 19.70                    | 19.81                       | 19.68                     | 21.6                   |
| 100             | PI/2 BPSK  | 135     | 138       | 19.66                    | 19.74                       | 19.74                     | 21.6                   |
| 100             | PI/2 BPSK  | 270     | 0         | 19.97                    | 20.10                       | 20.02                     |                        |
| 100             | QPSK       | 1       | 1         | 19.93                    | 19.95                       | 19.96                     |                        |
| 100             | QPSK       | 1       | 137       | 19.67                    | 19.68                       | 19.62                     | 21.6                   |
| 100             | QPSK       | 1       | 271       | 19.78                    | 19.81                       | 19.78                     |                        |
| 100             | QPSK       | 135     | 0         | 19.67                    | 19.75                       | 19.70                     |                        |
| 100             | QPSK       | 135     | 69        | 19.89                    | 19.66                       | 19.85                     | 21.6                   |
| 100             | QPSK       | 135     | 138       | 19.65                    | 19.70                       | 19.71                     | 21.6                   |
| 100             | QPSK       | 270     | 0         | 19.93                    | 20.00                       | 19.98                     |                        |
| 100             | 16QAM      | 1       | 1         | 20.05                    | 20.08                       | 20.01                     |                        |
| 100             | 64QAM      | 1       | 1         | 19.90                    | 20.05                       | 19.97                     | 21.6                   |
| 100             | 256QAM     | 1       | 1         | 19.97                    | 20.05                       | 19.94                     | 21.2                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 21.6                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 19.94                    | 19.99                       | 19.95                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 21.6                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 20.02                    | 20.00                       | 20.04                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 21.6                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 20.01                    | 19.99                       | 20.02                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 21.6                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 19.96                    | 20.00                       | 20.00                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 21.6                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 19.98                    | 19.99                       | 19.98                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 21.6                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 20.01                    | 20.07                       | 20.00                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 21.6                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 19.95                    | 20.02                       | 20.03                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 21.6                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 20.03                    | 20.02                       | 19.93                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 21.6                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 19.96                    | 20.06                       | 20.01                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 21.6                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 19.97                    | 20.09                       | 19.95                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 21.6                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 19.92                    | 19.98                       | 19.97                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 19.33                    | 19.43                       | 19.30                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 19.29                    | 19.42                       | 19.32                     | 20.8                   |
| 100             | PI/2 BPSK  | 1       | 271       | 19.27                    | 19.40                       | 19.36                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 19.77                    | 19.89                       | 19.75                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 19.85                    | 19.90                       | 19.77                     | 20.8                   |
| 100             | PI/2 BPSK  | 135     | 138       | 19.74                    | 19.81                       | 19.76                     | 20.8                   |
| 100             | PI/2 BPSK  | 270     | 0         | 19.87                    | 20.01                       | 19.94                     |                        |
| 100             | QPSK       | 1       | 1         | 19.27                    | 19.36                       | 19.29                     |                        |
| 100             | QPSK       | 1       | 137       | 19.22                    | 19.33                       | 19.29                     | 20.8                   |
| 100             | QPSK       | 1       | 271       | 19.20                    | 19.28                       | 19.23                     |                        |
| 100             | QPSK       | 135     | 0         | 19.66                    | 19.80                       | 19.68                     |                        |
| 100             | QPSK       | 135     | 69        | 19.67                    | 19.78                       | 19.74                     | 20.8                   |
| 100             | QPSK       | 135     | 138       | 19.69                    | 19.75                       | 19.68                     | 20.8                   |
| 100             | QPSK       | 270     | 0         | 19.83                    | 19.92                       | 19.83                     |                        |
| 100             | 16QAM      | 1       | 1         | 19.94                    | 19.99                       | 19.95                     |                        |
| 100             | 64QAM      | 1       | 1         | 19.86                    | 19.90                       | 19.79                     | 20.8                   |
| 100             | 256QAM     | 1       | 1         | 19.77                    | 19.90                       | 19.85                     | 20.8                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 19.26                    | 19.35                       | 19.16                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 19.26                    | 19.35                       | 19.18                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 19.22                    | 19.31                       | 19.23                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 19.22                    | 19.33                       | 19.16                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 19.27                    | 19.30                       | 19.21                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 19.21                    | 19.35                       | 19.20                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 19.26                    | 19.33                       | 19.26                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 19.27                    | 19.35                       | 19.21                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 19.19                    | 19.36                       | 19.17                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 19.25                    | 19.32                       | 19.16                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 20.8                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 19.27                    | 19.37                       | 19.20                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 | 19.6                |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 18.93                 | 18.98                    | 18.64                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 18.16                 | 18.21                    | 17.88                  | 19.6                |
| 100             | PI/2 BPSK  | 1       | 271       | 18.71                 | 18.76                    | 18.42                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 18.75                 | 18.80                    | 18.46                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 18.77                 | 18.82                    | 18.48                  | 19.6                |
| 100             | PI/2 BPSK  | 135     | 138       | 18.63                 | 18.68                    | 18.35                  |                     |
| 100             | PI/2 BPSK  | 270     | 0         | 18.89                 | 18.94                    | 18.60                  |                     |
| 100             | QPSK       | 1       | 1         | 18.91                 | 18.96                    | 18.62                  | 19.6                |
| 100             | QPSK       | 1       | 137       | 18.14                 | 18.19                    | 17.86                  |                     |
| 100             | QPSK       | 1       | 271       | 18.68                 | 18.73                    | 18.39                  |                     |
| 100             | QPSK       | 135     | 0         | 18.72                 | 18.77                    | 18.43                  | 19.6                |
| 100             | QPSK       | 135     | 69        | 18.75                 | 18.80                    | 18.46                  |                     |
| 100             | QPSK       | 135     | 138       | 18.60                 | 18.65                    | 18.32                  |                     |
| 100             | QPSK       | 270     | 0         | 18.85                 | 18.90                    | 18.56                  | 19.6                |
| 100             | 16QAM      | 1       | 1         | 18.89                 | 18.94                    | 18.60                  |                     |
| 100             | 64QAM      | 1       | 1         | 18.84                 | 18.89                    | 18.55                  |                     |
| 100             | 256QAM     | 1       | 1         | 18.86                 | 18.91                    | 18.57                  | 19.6                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | 19.6                |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.86                 | 18.92                    | 18.56                  |                     |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | 19.6                |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.90                 | 18.94                    | 18.62                  |                     |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | 19.6                |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.91                 | 18.90                    | 18.58                  |                     |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | 19.6                |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.88                 | 18.90                    | 18.58                  |                     |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | 19.6                |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.85                 | 18.95                    | 18.60                  |                     |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | 19.6                |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.89                 | 18.96                    | 18.58                  |                     |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | 19.6                |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.87                 | 18.93                    | 18.61                  |                     |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | 19.6                |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.91                 | 18.94                    | 18.56                  |                     |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | 19.6                |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.85                 | 18.95                    | 18.58                  |                     |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | 19.6                |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.89                 | 18.91                    | 18.57                  |                     |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | 19.6                |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.89                 | 18.94                    | 18.56                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 25.37                    | 25.44                       | 25.39                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 25.33                    | 25.40                       | 25.35                     | 26.8                   |
| 100             | PI/2 BPSK  | 1       | 271       | 25.35                    | 25.42                       | 25.35                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 25.59                    | 25.69                       | 25.63                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 25.98                    | 26.10                       | 26.01                     | 26.8                   |
| 100             | PI/2 BPSK  | 135     | 138       | 25.39                    | 25.48                       | 25.36                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 25.55                    | 25.69                       | 25.62                     |                        |
| 100             | QPSK       | 1       | 1         | 25.32                    | 25.43                       | 25.32                     | 27.3                   |
| 100             | QPSK       | 1       | 137       | 25.35                    | 25.42                       | 25.37                     |                        |
| 100             | QPSK       | 1       | 271       | 25.31                    | 25.40                       | 25.32                     |                        |
| 100             | QPSK       | 135     | 0         | 25.11                    | 25.21                       | 25.09                     | 26.3                   |
| 100             | QPSK       | 135     | 69        | 26.00                    | 26.08                       | 26.03                     |                        |
| 100             | QPSK       | 135     | 138       | 24.88                    | 24.96                       | 24.85                     |                        |
| 100             | QPSK       | 270     | 0         | 25.12                    | 25.20                       | 25.09                     | 24.8                   |
| 100             | 16QAM      | 1       | 1         | 24.37                    | 24.48                       | 24.34                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.82                    | 22.92                       | 22.82                     |                        |
| 100             | 256QAM     | 1       | 1         | 20.84                    | 20.99                       | 20.90                     | 22.8                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 25.31                    | 25.35                       | 25.36                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 25.31                    | 25.36                       | 25.32                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 25.31                    | 25.36                       | 25.30                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 25.33                    | 25.41                       | 25.31                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 25.32                    | 25.43                       | 25.30                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 25.32                    | 25.43                       | 25.31                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 25.30                    | 25.40                       | 25.34                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 25.30                    | 25.36                       | 25.38                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 25.30                    | 25.40                       | 25.34                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 25.30                    | 25.42                       | 25.35                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 25.32                    | 25.39                       | 25.33                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 16.98                    | 17.09                       | 17.01                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 16.65                    | 16.71                       | 16.61                     | 18.6                   |
| 100             | PI/2 BPSK  | 1       | 271       | 16.79                    | 16.89                       | 16.81                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 16.72                    | 16.77                       | 16.67                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 16.73                    | 16.79                       | 16.72                     | 18.6                   |
| 100             | PI/2 BPSK  | 135     | 138       | 16.66                    | 16.75                       | 16.70                     | 18.6                   |
| 100             | PI/2 BPSK  | 270     | 0         | 17.01                    | 17.08                       | 17.01                     |                        |
| 100             | QPSK       | 1       | 1         | 16.96                    | 17.03                       | 16.94                     |                        |
| 100             | QPSK       | 1       | 137       | 16.53                    | 16.63                       | 16.58                     | 18.6                   |
| 100             | QPSK       | 1       | 271       | 16.71                    | 16.81                       | 16.73                     |                        |
| 100             | QPSK       | 135     | 0         | 16.61                    | 16.69                       | 16.59                     |                        |
| 100             | QPSK       | 135     | 69        | 16.65                    | 16.72                       | 16.62                     | 18.6                   |
| 100             | QPSK       | 135     | 138       | 16.63                    | 16.69                       | 16.59                     | 18.6                   |
| 100             | QPSK       | 270     | 0         | 16.89                    | 16.99                       | 16.90                     |                        |
| 100             | 16QAM      | 1       | 1         | 16.95                    | 17.02                       | 16.97                     |                        |
| 100             | 64QAM      | 1       | 1         | 16.98                    | 17.03                       | 16.93                     | 18.6                   |
| 100             | 256QAM     | 1       | 1         | 16.98                    | 17.06                       | 16.96                     | 18.6                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 16.97                    | 17.08                       | 16.92                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 17.00                    | 16.89                       | 16.96                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 16.98                    | 17.03                       | 16.99                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 16.89                    | 16.94                       | 16.88                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 16.83                    | 16.94                       | 17.07                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 16.88                    | 16.96                       | 17.02                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 16.90                    | 16.91                       | 16.93                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 17.00                    | 17.07                       | 16.97                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 17.00                    | 16.99                       | 16.90                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 16.92                    | 17.03                       | 16.90                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 16.95                    | 16.88                       | 16.97                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 25.37                    | 25.44                       | 25.39                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 25.33                    | 25.40                       | 25.35                     | 26.8                   |
| 100             | PI/2 BPSK  | 1       | 271       | 25.35                    | 25.42                       | 25.35                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 25.59                    | 25.69                       | 25.63                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 25.98                    | 26.10                       | 26.01                     | 26.8                   |
| 100             | PI/2 BPSK  | 135     | 138       | 25.39                    | 25.48                       | 25.36                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 25.55                    | 25.69                       | 25.62                     |                        |
| 100             | QPSK       | 1       | 1         | 25.32                    | 25.43                       | 25.32                     | 27.3                   |
| 100             | QPSK       | 1       | 137       | 25.35                    | 25.42                       | 25.37                     |                        |
| 100             | QPSK       | 1       | 271       | 25.31                    | 25.40                       | 25.32                     |                        |
| 100             | QPSK       | 135     | 0         | 25.11                    | 25.21                       | 25.09                     | 26.3                   |
| 100             | QPSK       | 135     | 69        | 26.00                    | 26.08                       | 26.03                     |                        |
| 100             | QPSK       | 135     | 138       | 24.88                    | 24.96                       | 24.85                     |                        |
| 100             | QPSK       | 270     | 0         | 25.12                    | 25.20                       | 25.09                     | 24.8                   |
| 100             | 16QAM      | 1       | 1         | 24.37                    | 24.48                       | 24.34                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.82                    | 22.92                       | 22.82                     |                        |
| 100             | 256QAM     | 1       | 1         | 20.84                    | 20.99                       | 20.90                     | 22.8                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 25.31                    | 25.35                       | 25.36                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 25.31                    | 25.36                       | 25.32                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 25.31                    | 25.36                       | 25.30                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 25.33                    | 25.41                       | 25.31                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 25.32                    | 25.43                       | 25.30                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 25.32                    | 25.43                       | 25.31                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 25.30                    | 25.40                       | 25.34                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 25.30                    | 25.36                       | 25.38                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 25.30                    | 25.40                       | 25.34                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 25.30                    | 25.42                       | 25.35                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 27.3                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 25.32                    | 25.39                       | 25.33                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 16.7                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 16.00                    | 16.07                       | 15.81                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 15.26                    | 15.33                       | 15.08                     | 16.7                   |
| 100             | PI/2 BPSK  | 1       | 271       | 15.85                    | 15.92                       | 15.66                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 15.81                    | 16.00                       | 15.62                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 15.83                    | 15.90                       | 15.64                     | 16.7                   |
| 100             | PI/2 BPSK  | 135     | 138       | 15.73                    | 15.80                       | 15.54                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 15.97                    | 16.04                       | 15.78                     |                        |
| 100             | QPSK       | 1       | 1         | 15.99                    | 16.06                       | 15.80                     | 16.7                   |
| 100             | QPSK       | 1       | 137       | 15.25                    | 15.32                       | 15.07                     |                        |
| 100             | QPSK       | 1       | 271       | 15.83                    | 15.90                       | 15.64                     |                        |
| 100             | QPSK       | 135     | 0         | 15.81                    | 15.88                       | 15.62                     | 16.7                   |
| 100             | QPSK       | 135     | 69        | 15.81                    | 15.88                       | 15.62                     |                        |
| 100             | QPSK       | 135     | 138       | 15.72                    | 15.79                       | 15.53                     |                        |
| 100             | QPSK       | 270     | 0         | 15.96                    | 16.03                       | 15.77                     | 16.7                   |
| 100             | 16QAM      | 1       | 1         | 15.98                    | 16.05                       | 15.79                     |                        |
| 100             | 64QAM      | 1       | 1         | 15.93                    | 16.00                       | 15.74                     |                        |
| 100             | 256QAM     | 1       | 1         | 15.94                    | 16.01                       | 15.75                     | 16.7                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 16.7                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 15.91                    | 16.01                       | 15.71                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 16.7                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 15.91                    | 16.02                       | 15.76                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 16.7                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 15.92                    | 15.97                       | 15.71                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 16.7                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 15.94                    | 15.98                       | 15.71                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 16.7                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 15.93                    | 15.97                       | 15.74                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 16.7                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 15.93                    | 16.01                       | 15.75                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 16.7                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 15.94                    | 15.99                       | 15.72                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 16.7                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 15.92                    | 15.97                       | 15.74                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 16.7                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 15.91                    | 15.99                       | 15.75                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 16.7                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 15.91                    | 16.00                       | 15.74                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 16.7                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 15.92                    | 16.02                       | 15.77                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 23.9                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 22.40                    | 22.47                       | 22.39                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 22.34                    | 22.45                       | 22.40                     | 23.9                   |
| 100             | PI/2 BPSK  | 1       | 271       | 22.37                    | 22.46                       | 22.34                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 22.82                    | 22.90                       | 22.80                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 22.83                    | 22.91                       | 22.79                     | 23.9                   |
| 100             | PI/2 BPSK  | 135     | 138       | 22.79                    | 22.88                       | 22.80                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 22.80                    | 22.90                       | 22.78                     |                        |
| 100             | QPSK       | 1       | 1         | 22.33                    | 22.41                       | 22.29                     | 23.9                   |
| 100             | QPSK       | 1       | 137       | 22.34                    | 22.39                       | 22.31                     |                        |
| 100             | QPSK       | 1       | 271       | 22.33                    | 22.38                       | 22.31                     |                        |
| 100             | QPSK       | 135     | 0         | 22.65                    | 22.75                       | 22.67                     | 23.9                   |
| 100             | QPSK       | 135     | 69        | 22.78                    | 22.84                       | 22.72                     |                        |
| 100             | QPSK       | 135     | 138       | 22.73                    | 22.81                       | 22.70                     |                        |
| 100             | QPSK       | 270     | 0         | 22.75                    | 22.80                       | 22.74                     | 23.9                   |
| 100             | 16QAM      | 1       | 1         | 22.34                    | 22.44                       | 22.33                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.32                    | 22.41                       | 22.31                     |                        |
| 100             | 256QAM     | 1       | 1         | 20.96                    | 20.96                       | 20.95                     | 22.8                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 23.9                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.28                    | 22.41                       | 22.30                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 23.9                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.31                    | 22.37                       | 22.27                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 23.9                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.35                    | 22.41                       | 22.33                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 23.9                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 22.26                    | 22.40                       | 22.33                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 23.9                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.31                    | 22.35                       | 22.27                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 23.9                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.29                    | 22.39                       | 22.24                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 23.9                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.28                    | 22.41                       | 22.29                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 23.9                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 22.35                    | 22.33                       | 22.26                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 23.9                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.33                    | 22.38                       | 22.30                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 23.9                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.28                    | 22.36                       | 22.28                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 23.9                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.28                    | 22.40                       | 22.34                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 21.88                    | 21.92                       | 21.61                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 21.11                    | 21.15                       | 20.85                     | 22.7                   |
| 100             | PI/2 BPSK  | 1       | 271       | 21.70                    | 21.74                       | 21.43                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 21.66                    | 21.70                       | 21.39                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 21.68                    | 21.72                       | 21.41                     | 22.7                   |
| 100             | PI/2 BPSK  | 135     | 138       | 21.58                    | 21.62                       | 21.31                     | 22.7                   |
| 100             | PI/2 BPSK  | 270     | 0         | 21.85                    | 21.89                       | 21.58                     |                        |
| 100             | QPSK       | 1       | 1         | 21.85                    | 21.89                       | 21.58                     |                        |
| 100             | QPSK       | 1       | 137       | 21.09                    | 21.13                       | 20.83                     | 22.7                   |
| 100             | QPSK       | 1       | 271       | 21.68                    | 21.72                       | 21.41                     |                        |
| 100             | QPSK       | 135     | 0         | 21.64                    | 21.68                       | 21.37                     |                        |
| 100             | QPSK       | 135     | 69        | 21.66                    | 21.70                       | 21.39                     | 22.7                   |
| 100             | QPSK       | 135     | 138       | 21.55                    | 21.59                       | 21.28                     | 22.7                   |
| 100             | QPSK       | 270     | 0         | 21.84                    | 21.88                       | 21.57                     |                        |
| 100             | 16QAM      | 1       | 1         | 21.87                    | 21.91                       | 21.60                     |                        |
| 100             | 64QAM      | 1       | 1         | 21.81                    | 21.85                       | 21.54                     | 22.7                   |
| 100             | 256QAM     | 1       | 1         | 21.34                    | 21.38                       | 21.08                     | 22.6                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.80                    | 21.88                       | 21.54                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.80                    | 21.86                       | 21.58                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.82                    | 21.85                       | 21.55                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.81                    | 21.86                       | 21.54                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.84                    | 21.86                       | 21.56                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.81                    | 21.88                       | 21.59                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.81                    | 21.88                       | 21.56                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.83                    | 21.90                       | 21.53                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.83                    | 21.87                       | 21.59                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.81                    | 21.89                       | 21.58                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.83                    | 21.84                       | 21.58                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 | 23.9                |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.47                    | 22.39                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 22.34                 | 22.45                    | 22.40                  | 23.9                |
| 100             | PI/2 BPSK  | 1       | 271       | 22.37                 | 22.46                    | 22.34                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 22.82                 | 22.90                    | 22.80                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 22.83                 | 22.91                    | 22.79                  | 23.9                |
| 100             | PI/2 BPSK  | 135     | 138       | 22.79                 | 22.88                    | 22.80                  |                     |
| 100             | PI/2 BPSK  | 270     | 0         | 22.80                 | 22.90                    | 22.78                  |                     |
| 100             | QPSK       | 1       | 1         | 22.33                 | 22.41                    | 22.29                  | 23.9                |
| 100             | QPSK       | 1       | 137       | 22.34                 | 22.39                    | 22.31                  |                     |
| 100             | QPSK       | 1       | 271       | 22.33                 | 22.38                    | 22.31                  |                     |
| 100             | QPSK       | 135     | 0         | 22.65                 | 22.75                    | 22.67                  | 23.9                |
| 100             | QPSK       | 135     | 69        | 22.78                 | 22.84                    | 22.72                  |                     |
| 100             | QPSK       | 135     | 138       | 22.73                 | 22.81                    | 22.70                  |                     |
| 100             | QPSK       | 270     | 0         | 22.75                 | 22.80                    | 22.74                  | 23.9                |
| 100             | 16QAM      | 1       | 1         | 22.34                 | 22.44                    | 22.33                  |                     |
| 100             | 64QAM      | 1       | 1         | 22.32                 | 22.41                    | 22.31                  |                     |
| 100             | 256QAM     | 1       | 1         | 20.96                 | 20.96                    | 20.95                  | 22.8                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | 23.9                |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.28                 | 22.41                    | 22.30                  |                     |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | 23.9                |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.37                    | 22.27                  |                     |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | 23.9                |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.41                    | 22.33                  |                     |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | 23.9                |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.26                 | 22.40                    | 22.33                  |                     |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | 23.9                |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.35                    | 22.27                  |                     |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | 23.9                |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.29                 | 22.39                    | 22.24                  |                     |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | 23.9                |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.28                 | 22.41                    | 22.29                  |                     |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | 23.9                |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.33                    | 22.26                  |                     |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | 23.9                |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.33                 | 22.38                    | 22.30                  |                     |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | 23.9                |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.28                 | 22.36                    | 22.28                  |                     |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | 23.9                |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.28                 | 22.40                    | 22.34                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 23.07                    | 23.18                       | 23.16                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 22.70                    | 22.70                       | 22.71                     | 24.7                   |
| 100             | PI/2 BPSK  | 1       | 271       | 22.94                    | 22.91                       | 22.87                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 22.70                    | 22.88                       | 22.76                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 22.72                    | 22.91                       | 22.73                     | 24.7                   |
| 100             | PI/2 BPSK  | 135     | 138       | 22.80                    | 22.89                       | 22.81                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 23.08                    | 23.17                       | 23.06                     |                        |
| 100             | QPSK       | 1       | 1         | 23.07                    | 23.01                       | 22.92                     | 24.7                   |
| 100             | QPSK       | 1       | 137       | 22.78                    | 22.80                       | 22.71                     |                        |
| 100             | QPSK       | 1       | 271       | 22.85                    | 22.91                       | 22.76                     |                        |
| 100             | QPSK       | 135     | 0         | 22.77                    | 22.76                       | 22.76                     | 24.7                   |
| 100             | QPSK       | 135     | 69        | 22.81                    | 22.88                       | 22.75                     |                        |
| 100             | QPSK       | 135     | 138       | 22.99                    | 22.70                       | 22.71                     |                        |
| 100             | QPSK       | 270     | 0         | 22.91                    | 23.07                       | 22.95                     | 24.7                   |
| 100             | 16QAM      | 1       | 1         | 22.97                    | 23.04                       | 22.99                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.70                    | 22.78                       | 22.73                     |                        |
| 100             | 256QAM     | 1       | 1         | 21.35                    | 21.33                       | 21.27                     | 22.6                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.87                    | 23.02                       | 22.95                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.91                    | 23.02                       | 22.97                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.85                    | 23.01                       | 22.96                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 22.90                    | 23.05                       | 22.98                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.92                    | 23.04                       | 23.03                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.86                    | 22.98                       | 22.96                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.89                    | 22.97                       | 23.01                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 22.94                    | 22.96                       | 23.00                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.90                    | 22.98                       | 22.94                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.93                    | 22.99                       | 22.99                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.91                    | 23.00                       | 23.02                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 | 23.9                |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.47                    | 22.39                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 22.34                 | 22.45                    | 22.40                  | 23.9                |
| 100             | PI/2 BPSK  | 1       | 271       | 22.37                 | 22.46                    | 22.34                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 22.82                 | 22.90                    | 22.80                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 22.83                 | 22.91                    | 22.79                  | 23.9                |
| 100             | PI/2 BPSK  | 135     | 138       | 22.79                 | 22.88                    | 22.80                  |                     |
| 100             | PI/2 BPSK  | 270     | 0         | 22.80                 | 22.90                    | 22.78                  |                     |
| 100             | QPSK       | 1       | 1         | 22.33                 | 22.41                    | 22.29                  | 23.9                |
| 100             | QPSK       | 1       | 137       | 22.34                 | 22.39                    | 22.31                  |                     |
| 100             | QPSK       | 1       | 271       | 22.33                 | 22.38                    | 22.31                  |                     |
| 100             | QPSK       | 135     | 0         | 22.65                 | 22.75                    | 22.67                  | 23.9                |
| 100             | QPSK       | 135     | 69        | 22.78                 | 22.84                    | 22.72                  |                     |
| 100             | QPSK       | 135     | 138       | 22.73                 | 22.81                    | 22.70                  |                     |
| 100             | QPSK       | 270     | 0         | 22.75                 | 22.80                    | 22.74                  | 23.9                |
| 100             | 16QAM      | 1       | 1         | 22.34                 | 22.44                    | 22.33                  |                     |
| 100             | 64QAM      | 1       | 1         | 22.32                 | 22.41                    | 22.31                  |                     |
| 100             | 256QAM     | 1       | 1         | 20.96                 | 20.96                    | 20.95                  | 22.8                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | 23.9                |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.28                 | 22.41                    | 22.30                  |                     |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | 23.9                |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.37                    | 22.27                  |                     |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | 23.9                |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.41                    | 22.33                  |                     |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | 23.9                |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.26                 | 22.40                    | 22.33                  |                     |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | 23.9                |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.35                    | 22.27                  |                     |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | 23.9                |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.29                 | 22.39                    | 22.24                  |                     |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | 23.9                |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.28                 | 22.41                    | 22.29                  |                     |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | 23.9                |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.33                    | 22.26                  |                     |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | 23.9                |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.33                 | 22.38                    | 22.30                  |                     |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | 23.9                |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.28                 | 22.36                    | 22.28                  |                     |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | 23.9                |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.28                 | 22.40                    | 22.34                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 21.88                    | 21.92                       | 21.61                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 21.11                    | 21.15                       | 20.85                     | 22.7                   |
| 100             | PI/2 BPSK  | 1       | 271       | 21.70                    | 21.74                       | 21.43                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 21.66                    | 21.70                       | 21.39                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 21.68                    | 21.72                       | 21.41                     | 22.7                   |
| 100             | PI/2 BPSK  | 135     | 138       | 21.58                    | 21.62                       | 21.31                     | 22.7                   |
| 100             | PI/2 BPSK  | 270     | 0         | 21.85                    | 21.89                       | 21.58                     |                        |
| 100             | QPSK       | 1       | 1         | 21.85                    | 21.89                       | 21.58                     |                        |
| 100             | QPSK       | 1       | 137       | 21.09                    | 21.13                       | 20.83                     | 22.7                   |
| 100             | QPSK       | 1       | 271       | 21.68                    | 21.72                       | 21.41                     |                        |
| 100             | QPSK       | 135     | 0         | 21.64                    | 21.68                       | 21.37                     |                        |
| 100             | QPSK       | 135     | 69        | 21.66                    | 21.70                       | 21.39                     | 22.7                   |
| 100             | QPSK       | 135     | 138       | 21.55                    | 21.59                       | 21.28                     | 22.7                   |
| 100             | QPSK       | 270     | 0         | 21.84                    | 21.88                       | 21.57                     |                        |
| 100             | 16QAM      | 1       | 1         | 21.87                    | 21.91                       | 21.60                     |                        |
| 100             | 64QAM      | 1       | 1         | 21.81                    | 21.85                       | 21.54                     | 22.7                   |
| 100             | 256QAM     | 1       | 1         | 21.34                    | 21.38                       | 21.08                     | 22.6                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.80                    | 21.88                       | 21.54                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.80                    | 21.86                       | 21.58                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.82                    | 21.85                       | 21.55                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.81                    | 21.86                       | 21.54                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.84                    | 21.86                       | 21.56                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.81                    | 21.88                       | 21.59                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.81                    | 21.88                       | 21.56                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.83                    | 21.90                       | 21.53                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.83                    | 21.87                       | 21.59                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.81                    | 21.89                       | 21.58                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.83                    | 21.84                       | 21.58                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.17                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.02                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.11                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.92                    |                        | 25.2                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.44                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.88                    |                        | 25.2                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.88                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.15                    |                        | 25.7                |
| 100             | QPSK       | 1       | 137       |                       | 23.96                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.07                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.42                    |                        | 24.7                |
| 100             | QPSK       | 135     | 69        |                       | 24.42                    |                        | 25.7                |
| 100             | QPSK       | 135     | 138       |                       | 23.39                    |                        | 24.7                |
| 100             | QPSK       | 270     | 0         |                       | 23.39                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.90                    |                        | 24.7                |
| 100             | 64QAM      | 1       | 1         |                       | 21.36                    |                        | 23.2                |
| 100             | 256QAM     | 1       | 1         |                       | 19.44                    |                        | 21.2                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.12                    | 24.14                  | 25.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.09                    | 24.12                  | 25.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.16                    | 24.09                  | 25.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.09                 | 24.13                    | 24.14                  | 25.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.16                 | 24.13                    | 24.13                  | 25.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.12                 | 24.08                    | 24.14                  | 25.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.11                 | 24.16                    | 24.07                  | 25.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.11                    | 24.10                  | 25.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.16                 | 24.13                    | 24.08                  | 25.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.10                 | 24.10                    | 24.11                  | 25.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.14                    | 24.12                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 14.08                    |                        | 15.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 13.61                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 14.07                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 13.94                    |                        | 15.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 13.95                    |                        | 15.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 13.94                    |                        | 15.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 14.09                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 13.94                    |                        | 15.5                |
| 100             | QPSK       | 1       | 137       |                       | 13.61                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 13.96                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 13.84                    |                        | 15.5                |
| 100             | QPSK       | 135     | 69        |                       | 13.84                    |                        | 15.5                |
| 100             | QPSK       | 135     | 138       |                       | 13.85                    |                        | 15.5                |
| 100             | QPSK       | 270     | 0         |                       | 13.96                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 14.07                    |                        | 15.5                |
| 100             | 64QAM      | 1       | 1         |                       | 14.03                    |                        | 15.5                |
| 100             | 256QAM     | 1       | 1         |                       | 14.05                    |                        | 15.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 13.88                 | 13.95                    | 13.93                  | 15.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 13.86                 | 13.97                    | 13.91                  | 15.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 13.86                 | 13.93                    | 13.91                  | 15.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 13.89                 | 13.93                    | 13.91                  | 15.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 13.85                 | 13.98                    | 13.92                  | 15.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 13.85                 | 13.94                    | 13.89                  | 15.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 13.87                 | 13.93                    | 13.90                  | 15.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 13.88                 | 13.94                    | 13.91                  | 15.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 13.84                 | 13.94                    | 13.92                  | 15.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 13.87                 | 13.96                    | 13.90                  | 15.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 13.86                 | 13.96                    | 13.90                  | 15.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.74                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.32                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.33                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.43                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.31                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.28                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.29                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.44                    |                        | 24.3                |
| 100             | QPSK       | 1       | 137       |                       | 23.30                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.22                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.25                    |                        | 24.2                |
| 100             | QPSK       | 135     | 69        |                       | 23.21                    |                        | 24.3                |
| 100             | QPSK       | 135     | 138       |                       | 23.37                    |                        | 24.2                |
| 100             | QPSK       | 270     | 0         |                       | 23.38                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.95                    |                        | 24.2                |
| 100             | 64QAM      | 1       | 1         |                       | 21.41                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.48                    |                        | 20.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.55                 | 23.59                    | 23.66                  | 24.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.60                 | 23.69                    | 23.64                  | 24.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.70                 | 23.62                    | 23.71                  | 24.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.67                 | 23.56                    | 23.54                  | 24.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.66                 | 23.57                    | 23.55                  | 24.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.63                 | 23.64                    | 23.72                  | 24.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.66                 | 23.60                    | 23.64                  | 24.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.73                 | 23.62                    | 23.63                  | 24.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.57                 | 23.65                    | 23.67                  | 24.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.66                 | 23.64                    | 23.66                  | 24.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.70                 | 23.59                    | 23.66                  | 24.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 13.11                    |                        | 13.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 12.55                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 13.24                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 13.02                    |                        | 13.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 13.06                    |                        | 13.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 13.22                    |                        | 13.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 13.15                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 13.01                    |                        | 13.6                |
| 100             | QPSK       | 1       | 137       |                       | 12.55                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 13.21                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 13.20                    |                        | 13.6                |
| 100             | QPSK       | 135     | 69        |                       | 13.03                    |                        | 13.6                |
| 100             | QPSK       | 135     | 138       |                       | 13.07                    |                        | 13.6                |
| 100             | QPSK       | 270     | 0         |                       | 13.15                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 13.05                    |                        | 13.6                |
| 100             | 64QAM      | 1       | 1         |                       | 13.02                    |                        | 13.6                |
| 100             | 256QAM     | 1       | 1         |                       | 13.06                    |                        | 13.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 12.93                 | 13.01                    | 12.93                  | 13.6                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 13.01                 | 13.00                    | 12.99                  | 13.6                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 13.03                 | 13.07                    | 13.02                  | 13.6                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 12.99                 | 12.93                    | 13.08                  | 13.6                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 13.02                 | 13.00                    | 12.93                  | 13.6                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 12.96                 | 13.00                    | 12.98                  | 13.6                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 12.93                 | 13.03                    | 12.94                  | 13.6                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 12.94                 | 12.98                    | 12.92                  | 13.6                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 13.09                 | 12.91                    | 13.11                  | 13.6                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 13.00                 | 13.02                    | 12.99                  | 13.6                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 13.08                 | 12.97                    | 13.07                  | 13.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.52                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.48                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.51                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.90                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.91                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.90                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.85                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.42                    |                        | 20.8                |
| 100             | QPSK       | 1       | 137       |                       | 19.39                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.42                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.80                    |                        | 20.8                |
| 100             | QPSK       | 135     | 69        |                       | 19.84                    |                        | 20.8                |
| 100             | QPSK       | 135     | 138       |                       | 19.83                    |                        | 20.8                |
| 100             | QPSK       | 270     | 0         |                       | 19.78                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.49                    |                        | 20.8                |
| 100             | 64QAM      | 1       | 1         |                       | 19.43                    |                        | 20.8                |
| 100             | 256QAM     | 1       | 1         |                       | 19.43                    |                        | 20.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.42                 | 19.45                    | 19.40                  | 20.8                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.41                 | 19.41                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.37                 | 19.47                    | 19.41                  | 20.8                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.34                 | 19.44                    | 19.43                  | 20.8                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.41                 | 19.40                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.33                 | 19.47                    | 19.43                  | 20.8                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.39                 | 19.41                    | 19.35                  | 20.8                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.37                 | 19.49                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.40                 | 19.42                    | 19.42                  | 20.8                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.42                 | 19.44                    | 19.36                  | 20.8                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.37                 | 19.43                    | 19.35                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.10                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 18.39                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.09                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.00                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.01                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 18.95                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.00                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.05                    |                        | 19.6                |
| 100             | QPSK       | 1       | 137       |                       | 18.35                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.06                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 18.99                    |                        | 19.6                |
| 100             | QPSK       | 135     | 69        |                       | 19.00                    |                        | 19.6                |
| 100             | QPSK       | 135     | 138       |                       | 18.93                    |                        | 19.6                |
| 100             | QPSK       | 270     | 0         |                       | 18.97                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.00                    |                        | 19.6                |
| 100             | 64QAM      | 1       | 1         |                       | 18.91                    |                        | 19.6                |
| 100             | 256QAM     | 1       | 1         |                       | 18.94                    |                        | 19.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.90                 | 18.93                    | 18.85                  | 19.6                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.83                 | 18.90                    | 18.81                  | 19.6                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.87                 | 18.89                    | 18.80                  | 19.6                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.84                 | 18.88                    | 18.77                  | 19.6                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.83                 | 18.86                    | 18.80                  | 19.6                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.82                 | 18.85                    | 18.82                  | 19.6                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.83                 | 18.86                    | 18.80                  | 19.6                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.88                 | 18.86                    | 18.82                  | 19.6                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.86                 | 18.89                    | 18.77                  | 19.6                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.84                 | 18.89                    | 18.80                  | 19.6                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.84                 | 18.88                    | 18.83                  | 19.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.52                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.48                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.51                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.90                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.91                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.90                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.85                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.42                    |                        | 20.8                |
| 100             | QPSK       | 1       | 137       |                       | 19.39                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.42                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.80                    |                        | 20.8                |
| 100             | QPSK       | 135     | 69        |                       | 19.84                    |                        | 20.8                |
| 100             | QPSK       | 135     | 138       |                       | 19.83                    |                        | 20.8                |
| 100             | QPSK       | 270     | 0         |                       | 19.78                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.49                    |                        | 20.8                |
| 100             | 64QAM      | 1       | 1         |                       | 19.43                    |                        | 20.8                |
| 100             | 256QAM     | 1       | 1         |                       | 19.43                    |                        | 20.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.42                 | 19.45                    | 19.40                  | 20.8                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.41                 | 19.41                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.37                 | 19.47                    | 19.41                  | 20.8                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.34                 | 19.44                    | 19.43                  | 20.8                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.41                 | 19.40                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.33                 | 19.47                    | 19.43                  | 20.8                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.39                 | 19.41                    | 19.35                  | 20.8                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.37                 | 19.49                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.40                 | 19.42                    | 19.42                  | 20.8                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.42                 | 19.44                    | 19.36                  | 20.8                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.37                 | 19.43                    | 19.35                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.17                    |                        | 21.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.61                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.10                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.01                    |                        | 21.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.03                    |                        | 21.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.00                    |                        | 21.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.07                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.31                    |                        | 21.6                |
| 100             | QPSK       | 1       | 137       |                       | 19.66                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.00                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.00                    |                        | 21.6                |
| 100             | QPSK       | 135     | 69        |                       | 19.93                    |                        | 21.6                |
| 100             | QPSK       | 135     | 138       |                       | 20.02                    |                        | 21.6                |
| 100             | QPSK       | 270     | 0         |                       | 20.36                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.25                    |                        | 21.6                |
| 100             | 64QAM      | 1       | 1         |                       | 20.21                    |                        | 21.6                |
| 100             | 256QAM     | 1       | 1         |                       | 20.20                    |                        | 21.2                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.05                 | 20.05                    | 20.02                  | 21.6                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.10                 | 20.05                    | 19.99                  | 21.6                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.05                 | 20.06                    | 20.06                  | 21.6                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.06                 | 20.12                    | 20.06                  | 21.6                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.06                 | 20.05                    | 19.99                  | 21.6                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.05                 | 20.05                    | 20.03                  | 21.6                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.10                 | 20.05                    | 20.05                  | 21.6                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.05                 | 20.10                    | 20.04                  | 21.6                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.05                 | 20.11                    | 20.05                  | 21.6                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.07                 | 20.09                    | 19.99                  | 21.6                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.06                 | 20.08                    | 20.06                  | 21.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 20.8                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.52                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.48                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.51                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.90                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.91                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.90                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.85                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.42                    |                        | 20.8                |
| 100             | QPSK       | 1       | 137       |                       | 19.39                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.42                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.80                    |                        | 20.8                |
| 100             | QPSK       | 135     | 69        |                       | 19.84                    |                        | 20.8                |
| 100             | QPSK       | 135     | 138       |                       | 19.83                    |                        | 20.8                |
| 100             | QPSK       | 270     | 0         |                       | 19.78                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.49                    |                        | 20.8                |
| 100             | 64QAM      | 1       | 1         |                       | 19.43                    |                        | 20.8                |
| 100             | 256QAM     | 1       | 1         |                       | 19.43                    |                        | 20.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.42                 | 19.45                    | 19.40                  | 20.8                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.41                 | 19.41                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.37                 | 19.47                    | 19.41                  | 20.8                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.34                 | 19.44                    | 19.43                  | 20.8                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.41                 | 19.40                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.33                 | 19.47                    | 19.43                  | 20.8                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.39                 | 19.41                    | 19.35                  | 20.8                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.37                 | 19.49                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.40                 | 19.42                    | 19.42                  | 20.8                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.42                 | 19.44                    | 19.36                  | 20.8                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.37                 | 19.43                    | 19.35                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.10                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 18.39                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.09                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.00                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.01                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 18.95                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.00                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.05                    |                        | 19.6                |
| 100             | QPSK       | 1       | 137       |                       | 18.35                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.06                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 18.99                    |                        | 19.6                |
| 100             | QPSK       | 135     | 69        |                       | 19.00                    |                        | 19.6                |
| 100             | QPSK       | 135     | 138       |                       | 18.93                    |                        | 19.6                |
| 100             | QPSK       | 270     | 0         |                       | 18.97                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.00                    |                        | 19.6                |
| 100             | 64QAM      | 1       | 1         |                       | 18.91                    |                        | 19.6                |
| 100             | 256QAM     | 1       | 1         |                       | 18.94                    |                        | 19.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.90                 | 18.93                    | 18.85                  | 19.6                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.83                 | 18.90                    | 18.81                  | 19.6                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.87                 | 18.89                    | 18.80                  | 19.6                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.84                 | 18.88                    | 18.77                  | 19.6                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.83                 | 18.86                    | 18.80                  | 19.6                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.82                 | 18.85                    | 18.82                  | 19.6                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.83                 | 18.86                    | 18.80                  | 19.6                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.88                 | 18.86                    | 18.82                  | 19.6                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.86                 | 18.89                    | 18.77                  | 19.6                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.84                 | 18.89                    | 18.80                  | 19.6                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.84                 | 18.88                    | 18.83                  | 19.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.44                    |                        | 27.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.42                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.43                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.46                    |                        | 26.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.98                    |                        | 27.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 25.43                    |                        | 26.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.43                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.42                    |                        | 27.3                |
| 100             | QPSK       | 1       | 137       |                       | 25.37                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.41                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 25.00                    |                        | 26.3                |
| 100             | QPSK       | 135     | 69        |                       | 25.96                    |                        | 27.3                |
| 100             | QPSK       | 135     | 138       |                       | 24.91                    |                        | 26.3                |
| 100             | QPSK       | 270     | 0         |                       | 24.93                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.45                    |                        | 26.3                |
| 100             | 64QAM      | 1       | 1         |                       | 22.89                    |                        | 24.8                |
| 100             | 256QAM     | 1       | 1         |                       | 20.94                    |                        | 22.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.43                 | 25.42                    | 25.40                  | 27.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.41                    | 25.32                  | 27.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.35                 | 25.39                    | 25.37                  | 27.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.35                 | 25.32                    | 25.32                  | 27.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.32                    | 25.39                  | 27.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.33                 | 25.39                    | 25.34                  | 27.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.40                 | 25.40                    | 25.32                  | 27.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.35                 | 25.40                    | 25.34                  | 27.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.42                 | 25.37                    | 25.36                  | 27.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.35                 | 25.41                    | 25.30                  | 27.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.37                 | 25.36                    | 25.34                  | 27.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 18.6                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 17.03                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 16.64                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 16.81                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 16.69                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 16.71                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 16.69                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 17.02                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 16.94                    |                        | 18.6                |
| 100             | QPSK       | 1       | 137       |                       | 16.57                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 16.76                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 16.61                    |                        | 18.6                |
| 100             | QPSK       | 135     | 69        |                       | 16.64                    |                        | 18.6                |
| 100             | QPSK       | 135     | 138       |                       | 16.59                    |                        | 18.6                |
| 100             | QPSK       | 270     | 0         |                       | 16.90                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 16.94                    |                        | 18.6                |
| 100             | 64QAM      | 1       | 1         |                       | 16.97                    |                        | 18.6                |
| 100             | 256QAM     | 1       | 1         |                       | 17.00                    |                        | 18.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 16.92                 | 16.98                    | 16.98                  | 18.6                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 16.91                 | 16.97                    | 16.94                  | 18.6                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 16.94                 | 16.95                    | 16.96                  | 18.6                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 16.93                 | 16.97                    | 16.98                  | 18.6                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 16.92                 | 16.98                    | 16.93                  | 18.6                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 16.92                 | 16.97                    | 16.96                  | 18.6                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 16.93                 | 16.97                    | 16.93                  | 18.6                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 16.92                 | 16.95                    | 16.98                  | 18.6                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 16.91                 | 16.96                    | 16.95                  | 18.6                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 16.93                 | 16.97                    | 16.98                  | 18.6                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 16.93                 | 16.96                    | 16.98                  | 18.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.44                    |                        | 27.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.42                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.43                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.46                    |                        | 26.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.98                    |                        | 27.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 25.43                    |                        | 26.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.43                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.42                    |                        | 27.3                |
| 100             | QPSK       | 1       | 137       |                       | 25.37                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.41                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 25.00                    |                        | 26.3                |
| 100             | QPSK       | 135     | 69        |                       | 25.96                    |                        | 27.3                |
| 100             | QPSK       | 135     | 138       |                       | 24.91                    |                        | 26.3                |
| 100             | QPSK       | 270     | 0         |                       | 24.93                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.45                    |                        | 26.3                |
| 100             | 64QAM      | 1       | 1         |                       | 22.89                    |                        | 24.8                |
| 100             | 256QAM     | 1       | 1         |                       | 20.94                    |                        | 22.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.43                 | 25.42                    | 25.40                  | 27.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.41                    | 25.32                  | 27.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.35                 | 25.39                    | 25.37                  | 27.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.35                 | 25.32                    | 25.32                  | 27.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.32                    | 25.39                  | 27.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.33                 | 25.39                    | 25.34                  | 27.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.40                 | 25.40                    | 25.32                  | 27.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.35                 | 25.40                    | 25.34                  | 27.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.42                 | 25.37                    | 25.36                  | 27.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.35                 | 25.41                    | 25.30                  | 27.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.37                 | 25.36                    | 25.34                  | 27.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 16.10                    |                        | 16.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 15.44                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 16.09                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 16.09                    |                        | 16.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 16.05                    |                        | 16.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 15.96                    |                        | 16.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 16.05                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 16.08                    |                        | 16.7                |
| 100             | QPSK       | 1       | 137       |                       | 15.42                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 16.05                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 16.07                    |                        | 16.7                |
| 100             | QPSK       | 135     | 69        |                       | 16.07                    |                        | 16.7                |
| 100             | QPSK       | 135     | 138       |                       | 15.95                    |                        | 16.7                |
| 100             | QPSK       | 270     | 0         |                       | 16.03                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 16.08                    |                        | 16.7                |
| 100             | 64QAM      | 1       | 1         |                       | 16.00                    |                        | 16.7                |
| 100             | 256QAM     | 1       | 1         |                       | 16.01                    |                        | 16.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 15.91                 | 15.88                    | 15.85                  | 16.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 15.85                 | 15.81                    | 15.83                  | 16.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 15.83                 | 15.80                    | 15.80                  | 16.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 15.83                 | 15.85                    | 15.82                  | 16.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 15.89                 | 15.86                    | 15.77                  | 16.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 15.89                 | 15.84                    | 15.79                  | 16.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 15.84                 | 15.83                    | 15.81                  | 16.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 15.85                 | 15.81                    | 15.77                  | 16.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 15.85                 | 15.80                    | 15.79                  | 16.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 15.85                 | 15.86                    | 15.83                  | 16.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 15.88                 | 15.81                    | 15.79                  | 16.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.47                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.47                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.44                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.90                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.94                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.88                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.93                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.41                    |                        | 23.9                |
| 100             | QPSK       | 1       | 137       |                       | 22.44                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.39                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.80                    |                        | 23.9                |
| 100             | QPSK       | 135     | 69        |                       | 22.85                    |                        | 23.9                |
| 100             | QPSK       | 135     | 138       |                       | 22.81                    |                        | 23.9                |
| 100             | QPSK       | 270     | 0         |                       | 22.80                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.47                    |                        | 23.9                |
| 100             | 64QAM      | 1       | 1         |                       | 22.46                    |                        | 23.9                |
| 100             | 256QAM     | 1       | 1         |                       | 21.01                    |                        | 22.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.39                 | 22.38                    | 22.38                  | 23.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.37                 | 22.35                    | 22.38                  | 23.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.35                    | 22.40                  | 23.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.34                    | 22.40                  | 23.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.33                 | 22.39                    | 22.33                  | 23.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.37                 | 22.38                    | 22.34                  | 23.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.41                    | 22.32                  | 23.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.34                 | 22.38                    | 22.38                  | 23.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.38                 | 22.37                    | 22.38                  | 23.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.34                 | 22.41                    | 22.35                  | 23.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.32                 | 22.38                    | 22.39                  | 23.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.02                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.31                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.01                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.88                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.89                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.83                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.94                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.99                    |                        | 22.7                |
| 100             | QPSK       | 1       | 137       |                       | 21.28                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.97                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.85                    |                        | 22.7                |
| 100             | QPSK       | 135     | 69        |                       | 21.88                    |                        | 22.7                |
| 100             | QPSK       | 135     | 138       |                       | 21.81                    |                        | 22.7                |
| 100             | QPSK       | 270     | 0         |                       | 21.90                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.91                    |                        | 22.7                |
| 100             | 64QAM      | 1       | 1         |                       | 21.84                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 21.35                    |                        | 22.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.80                 | 21.83                    | 21.72                  | 22.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.75                 | 21.81                    | 21.69                  | 22.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.77                 | 21.79                    | 21.67                  | 22.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.75                 | 21.80                    | 21.65                  | 22.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.75                 | 21.78                    | 21.70                  | 22.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.76                 | 21.81                    | 21.65                  | 22.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.75                    | 21.70                  | 22.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.78                    | 21.70                  | 22.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.78                 | 21.76                    | 21.65                  | 22.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.75                 | 21.79                    | 21.69                  | 22.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.75                 | 21.76                    | 21.68                  | 22.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.47                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.47                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.44                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.90                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.94                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.88                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.93                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.41                    |                        | 23.9                |
| 100             | QPSK       | 1       | 137       |                       | 22.44                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.39                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.80                    |                        | 23.9                |
| 100             | QPSK       | 135     | 69        |                       | 22.85                    |                        | 23.9                |
| 100             | QPSK       | 135     | 138       |                       | 22.81                    |                        | 23.9                |
| 100             | QPSK       | 270     | 0         |                       | 22.80                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.47                    |                        | 23.9                |
| 100             | 64QAM      | 1       | 1         |                       | 22.46                    |                        | 23.9                |
| 100             | 256QAM     | 1       | 1         |                       | 21.01                    |                        | 22.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.39                 | 22.38                    | 22.38                  | 23.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.37                 | 22.35                    | 22.38                  | 23.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.35                    | 22.40                  | 23.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.34                    | 22.40                  | 23.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.33                 | 22.39                    | 22.33                  | 23.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.37                 | 22.38                    | 22.34                  | 23.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.41                    | 22.32                  | 23.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.34                 | 22.38                    | 22.38                  | 23.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.38                 | 22.37                    | 22.38                  | 23.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.34                 | 22.41                    | 22.35                  | 23.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.32                 | 22.38                    | 22.39                  | 23.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.14                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.75                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.87                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.98                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.02                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.99                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.15                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.91                    |                        | 24.7                |
| 100             | QPSK       | 1       | 137       |                       | 22.71                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.73                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.07                    |                        | 24.7                |
| 100             | QPSK       | 135     | 69        |                       | 22.72                    |                        | 24.7                |
| 100             | QPSK       | 135     | 138       |                       | 23.05                    |                        | 24.7                |
| 100             | QPSK       | 270     | 0         |                       | 22.80                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.90                    |                        | 24.7                |
| 100             | 64QAM      | 1       | 1         |                       | 22.82                    |                        | 24.6                |
| 100             | 256QAM     | 1       | 1         |                       | 21.27                    |                        | 22.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.95                 | 22.99                    | 22.92                  | 24.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.94                 | 22.93                    | 22.97                  | 24.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.92                 | 22.91                    | 22.90                  | 24.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.97                 | 23.00                    | 22.88                  | 24.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.89                 | 22.96                    | 22.88                  | 24.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.87                 | 22.99                    | 22.90                  | 24.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.91                 | 22.93                    | 22.90                  | 24.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.87                 | 22.93                    | 22.93                  | 24.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.87                 | 22.96                    | 22.95                  | 24.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.93                 | 23.00                    | 22.93                  | 24.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.92                 | 22.93                    | 22.92                  | 24.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.47                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.47                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.44                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.90                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.94                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.88                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.93                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.41                    |                        | 23.9                |
| 100             | QPSK       | 1       | 137       |                       | 22.44                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.39                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.80                    |                        | 23.9                |
| 100             | QPSK       | 135     | 69        |                       | 22.85                    |                        | 23.9                |
| 100             | QPSK       | 135     | 138       |                       | 22.81                    |                        | 23.9                |
| 100             | QPSK       | 270     | 0         |                       | 22.80                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.47                    |                        | 23.9                |
| 100             | 64QAM      | 1       | 1         |                       | 22.46                    |                        | 23.9                |
| 100             | 256QAM     | 1       | 1         |                       | 21.01                    |                        | 22.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.39                 | 22.38                    | 22.38                  | 23.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.37                 | 22.35                    | 22.38                  | 23.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.35                    | 22.40                  | 23.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.34                    | 22.40                  | 23.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.33                 | 22.39                    | 22.33                  | 23.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.37                 | 22.38                    | 22.34                  | 23.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.41                    | 22.32                  | 23.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.34                 | 22.38                    | 22.38                  | 23.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.38                 | 22.37                    | 22.38                  | 23.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.34                 | 22.41                    | 22.35                  | 23.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.32                 | 22.38                    | 22.39                  | 23.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.02                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.31                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.01                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.88                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.89                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.83                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.94                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.99                    |                        | 22.7                |
| 100             | QPSK       | 1       | 137       |                       | 21.28                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.97                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.85                    |                        | 22.7                |
| 100             | QPSK       | 135     | 69        |                       | 21.88                    |                        | 22.7                |
| 100             | QPSK       | 135     | 138       |                       | 21.81                    |                        | 22.7                |
| 100             | QPSK       | 270     | 0         |                       | 21.90                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.91                    |                        | 22.7                |
| 100             | 64QAM      | 1       | 1         |                       | 21.84                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 21.35                    |                        | 22.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.80                 | 21.83                    | 21.72                  | 22.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.75                 | 21.81                    | 21.69                  | 22.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.77                 | 21.79                    | 21.67                  | 22.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.75                 | 21.80                    | 21.65                  | 22.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.75                 | 21.78                    | 21.70                  | 22.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.76                 | 21.81                    | 21.65                  | 22.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.75                    | 21.70                  | 22.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.78                    | 21.70                  | 22.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.78                 | 21.76                    | 21.65                  | 22.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.75                 | 21.79                    | 21.69                  | 22.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.75                 | 21.76                    | 21.68                  | 22.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.90                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.85                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.89                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.17                    |                        | 25.2                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.69                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.78                    |                        | 25.2                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.82                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.84                    |                        | 25.7                |
| 100             | QPSK       | 1       | 137       |                       | 23.88                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.90                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.68                    |                        | 24.7                |
| 100             | QPSK       | 135     | 69        |                       | 24.65                    |                        | 25.7                |
| 100             | QPSK       | 135     | 138       |                       | 23.28                    |                        | 24.7                |
| 100             | QPSK       | 270     | 0         |                       | 23.32                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.87                    |                        | 24.7                |
| 100             | 64QAM      | 1       | 1         |                       | 21.37                    |                        | 23.2                |
| 100             | 256QAM     | 1       | 1         |                       | 19.42                    |                        | 21.2                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.85                 | 23.89                    | 23.88                  | 25.7                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.76                 | 23.86                    | 23.84                  | 25.7                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.80                 | 23.87                    | 23.78                  | 25.7                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.77                 | 23.82                    | 23.79                  | 25.7                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.81                 | 23.80                    | 23.86                  | 25.7                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.76                 | 23.81                    | 23.79                  | 25.7                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.76                 | 23.79                    | 23.78                  | 25.7                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.82                 | 23.84                    | 23.85                  | 25.7                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.78                 | 23.83                    | 23.87                  | 25.7                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.84                 | 23.80                    | 23.82                  | 25.7                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.83                 | 23.86                    | 23.83                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 14.10                    |                        | 15.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 14.01                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 14.00                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 14.01                    |                        | 15.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 14.02                    |                        | 15.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 14.01                    |                        | 15.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 14.10                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 14.03                    |                        | 15.5                |
| 100             | QPSK       | 1       | 137       |                       | 14.01                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 13.92                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 13.90                    |                        | 15.5                |
| 100             | QPSK       | 135     | 69        |                       | 13.83                    |                        | 15.5                |
| 100             | QPSK       | 135     | 138       |                       | 13.87                    |                        | 15.5                |
| 100             | QPSK       | 270     | 0         |                       | 13.88                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 13.86                    |                        | 15.5                |
| 100             | 64QAM      | 1       | 1         |                       | 13.95                    |                        | 15.5                |
| 100             | 256QAM     | 1       | 1         |                       | 13.86                    |                        | 15.5                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 13.90                 | 13.94                    | 13.85                  | 15.5                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 13.87                 | 13.90                    | 13.85                  | 15.5                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 13.88                 | 13.97                    | 13.85                  | 15.5                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 13.94                 | 13.88                    | 13.86                  | 15.5                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 13.92                 | 13.97                    | 13.87                  | 15.5                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 13.93                 | 13.95                    | 13.93                  | 15.5                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 13.92                 | 13.91                    | 13.85                  | 15.5                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 13.90                 | 13.94                    | 13.87                  | 15.5                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 13.91                 | 13.88                    | 13.92                  | 15.5                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 13.94                 | 13.88                    | 13.86                  | 15.5                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 13.89                 | 13.94                    | 13.90                  | 15.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        | 24.3                |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.42                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.22                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.25                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.10                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.13                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.20                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.36                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.26                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 23.13                    |                        | 24.3                |
| 100             | QPSK       | 1       | 271       |                       | 23.25                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.20                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 23.22                    |                        | 24.2                |
| 100             | QPSK       | 135     | 138       |                       | 23.30                    |                        | 24.2                |
| 100             | QPSK       | 270     | 0         |                       | 23.35                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.96                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 21.44                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.49                    |                        | 20.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | 24.3                |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.33                 | 23.26                    | 23.24                  |                     |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | 24.3                |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.38                 | 23.29                    | 23.28                  |                     |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | 24.3                |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.32                 | 23.39                    | 23.26                  |                     |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | 24.3                |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.36                 | 23.28                    | 23.26                  |                     |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | 24.3                |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.38                 | 23.25                    | 23.35                  |                     |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | 24.3                |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.29                    | 23.28                  |                     |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | 24.3                |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.23                    | 23.39                  |                     |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | 24.3                |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.39                 | 23.35                    | 23.22                  |                     |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | 24.3                |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.37                 | 23.26                    | 23.33                  |                     |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | 24.3                |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.29                 | 23.38                    | 23.23                  |                     |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | 24.3                |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.22                 | 23.22                    | 23.28                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 12.84                    |                        | 13.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 12.33                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 13.10                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 13.18                    |                        | 13.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 12.77                    |                        | 13.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 12.90                    |                        | 13.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 12.89                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 12.79                    |                        | 13.6                |
| 100             | QPSK       | 1       | 137       |                       | 12.32                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 13.06                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 13.15                    |                        | 13.6                |
| 100             | QPSK       | 135     | 69        |                       | 12.78                    |                        | 13.6                |
| 100             | QPSK       | 135     | 138       |                       | 12.89                    |                        | 13.6                |
| 100             | QPSK       | 270     | 0         |                       | 12.89                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 12.80                    |                        | 13.6                |
| 100             | 64QAM      | 1       | 1         |                       | 12.78                    |                        | 13.6                |
| 100             | 256QAM     | 1       | 1         |                       | 12.81                    |                        | 13.6                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 12.83                 | 12.68                    | 12.77                  | 13.6                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 12.84                 | 12.84                    | 12.76                  | 13.6                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 12.65                 | 12.72                    | 12.65                  | 13.6                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 12.81                 | 12.82                    | 12.80                  | 13.6                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 12.75                 | 12.81                    | 12.76                  | 13.6                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 12.68                 | 12.69                    | 12.79                  | 13.6                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 12.66                 | 12.79                    | 12.70                  | 13.6                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 12.67                 | 12.68                    | 12.70                  | 13.6                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 12.84                 | 12.81                    | 12.81                  | 13.6                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 12.77                 | 12.66                    | 12.69                  | 13.6                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 12.71                 | 12.78                    | 12.69                  | 13.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.62                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.46                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.50                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.84                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.98                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.82                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.03                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.48                    |                        | 20.8                |
| 100             | QPSK       | 1       | 137       |                       | 19.42                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.38                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.91                    |                        | 20.8                |
| 100             | QPSK       | 135     | 69        |                       | 19.85                    |                        | 20.8                |
| 100             | QPSK       | 135     | 138       |                       | 19.81                    |                        | 20.8                |
| 100             | QPSK       | 270     | 0         |                       | 20.00                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.00                    |                        | 20.8                |
| 100             | 64QAM      | 1       | 1         |                       | 19.94                    |                        | 20.8                |
| 100             | 256QAM     | 1       | 1         |                       | 20.02                    |                        | 20.8                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.57                 | 19.47                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.60                 | 19.50                    | 19.36                  | 20.8                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.56                 | 19.50                    | 19.36                  | 20.8                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.59                 | 19.48                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.56                 | 19.48                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.58                 | 19.45                    | 19.39                  | 20.8                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.56                 | 19.47                    | 19.37                  | 20.8                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.59                 | 19.48                    | 19.36                  | 20.8                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.59                 | 19.49                    | 19.35                  | 20.8                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.61                 | 19.49                    | 19.39                  | 20.8                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.61                 | 19.47                    | 19.35                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 18.92                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 18.34                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 18.88                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.01                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.06                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 18.87                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 18.91                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 18.88                    |                        | 19.6                |
| 100             | QPSK       | 1       | 137       |                       | 18.29                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 18.86                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 18.95                    |                        | 19.6                |
| 100             | QPSK       | 135     | 69        |                       | 19.00                    |                        | 19.6                |
| 100             | QPSK       | 135     | 138       |                       | 18.85                    |                        | 19.6                |
| 100             | QPSK       | 270     | 0         |                       | 18.90                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 18.89                    |                        | 19.6                |
| 100             | 64QAM      | 1       | 1         |                       | 18.84                    |                        | 19.6                |
| 100             | 256QAM     | 1       | 1         |                       | 18.84                    |                        | 19.6                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.82                 | 18.82                    | 18.81                  | 19.6                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.80                 | 18.77                    | 18.75                  | 19.6                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.74                 | 18.76                    | 18.76                  | 19.6                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.77                 | 18.77                    | 18.77                  | 19.6                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.78                 | 18.75                    | 18.79                  | 19.6                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.75                 | 18.79                    | 18.76                  | 19.6                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.76                 | 18.78                    | 18.73                  | 19.6                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.75                 | 18.75                    | 18.78                  | 19.6                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.79                 | 18.76                    | 18.77                  | 19.6                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.77                 | 18.77                    | 18.74                  | 19.6                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.80                 | 18.74                    | 18.78                  | 19.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.62                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.46                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.50                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.84                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.98                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.82                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.03                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.48                    |                        | 20.8                |
| 100             | QPSK       | 1       | 137       |                       | 19.42                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.38                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.91                    |                        | 20.8                |
| 100             | QPSK       | 135     | 69        |                       | 19.85                    |                        | 20.8                |
| 100             | QPSK       | 135     | 138       |                       | 19.81                    |                        | 20.8                |
| 100             | QPSK       | 270     | 0         |                       | 20.00                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.00                    |                        | 20.8                |
| 100             | 64QAM      | 1       | 1         |                       | 19.94                    |                        | 20.8                |
| 100             | 256QAM     | 1       | 1         |                       | 20.02                    |                        | 20.8                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.57                 | 19.47                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.60                 | 19.50                    | 19.36                  | 20.8                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.56                 | 19.50                    | 19.36                  | 20.8                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.59                 | 19.48                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.56                 | 19.48                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.58                 | 19.45                    | 19.39                  | 20.8                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.56                 | 19.47                    | 19.37                  | 20.8                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.59                 | 19.48                    | 19.36                  | 20.8                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.59                 | 19.49                    | 19.35                  | 20.8                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.61                 | 19.49                    | 19.39                  | 20.8                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.61                 | 19.47                    | 19.35                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.26                    |                        | 21.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.72                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.10                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.05                    |                        | 21.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.03                    |                        | 21.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.07                    |                        | 21.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.10                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.24                    |                        | 21.6                |
| 100             | QPSK       | 1       | 137       |                       | 19.67                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.96                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.87                    |                        | 21.6                |
| 100             | QPSK       | 135     | 69        |                       | 19.94                    |                        | 21.6                |
| 100             | QPSK       | 135     | 138       |                       | 19.94                    |                        | 21.6                |
| 100             | QPSK       | 270     | 0         |                       | 20.30                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.23                    |                        | 21.6                |
| 100             | 64QAM      | 1       | 1         |                       | 20.15                    |                        | 21.6                |
| 100             | 256QAM     | 1       | 1         |                       | 20.08                    |                        | 21.2                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.16                    | 20.12                  | 21.6                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.17                 | 20.16                    | 20.16                  | 21.6                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.16                 | 20.18                    | 20.16                  | 21.6                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.16                 | 20.17                    | 20.15                  | 21.6                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.14                 | 20.21                    | 20.12                  | 21.6                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.13                 | 20.19                    | 20.12                  | 21.6                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.13                 | 20.21                    | 20.14                  | 21.6                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.14                 | 20.19                    | 20.13                  | 21.6                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.13                 | 20.16                    | 20.13                  | 21.6                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.13                 | 20.18                    | 20.16                  | 21.6                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.16                 | 20.18                    | 20.14                  | 21.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.62                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.46                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.50                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.84                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.98                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.82                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.03                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.48                    |                        | 20.8                |
| 100             | QPSK       | 1       | 137       |                       | 19.42                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.38                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.91                    |                        | 20.8                |
| 100             | QPSK       | 135     | 69        |                       | 19.85                    |                        | 20.8                |
| 100             | QPSK       | 135     | 138       |                       | 19.81                    |                        | 20.8                |
| 100             | QPSK       | 270     | 0         |                       | 20.00                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.00                    |                        | 20.8                |
| 100             | 64QAM      | 1       | 1         |                       | 19.94                    |                        | 20.8                |
| 100             | 256QAM     | 1       | 1         |                       | 20.02                    |                        | 20.8                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.57                 | 19.47                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.60                 | 19.50                    | 19.36                  | 20.8                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.56                 | 19.50                    | 19.36                  | 20.8                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.59                 | 19.48                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.56                 | 19.48                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.58                 | 19.45                    | 19.39                  | 20.8                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.56                 | 19.47                    | 19.37                  | 20.8                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.59                 | 19.48                    | 19.36                  | 20.8                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.59                 | 19.49                    | 19.35                  | 20.8                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.61                 | 19.49                    | 19.39                  | 20.8                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.61                 | 19.47                    | 19.35                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 18.92                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 18.34                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 18.88                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.01                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.06                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 18.87                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 18.91                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 18.88                    |                        | 19.6                |
| 100             | QPSK       | 1       | 137       |                       | 18.29                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 18.86                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 18.95                    |                        | 19.6                |
| 100             | QPSK       | 135     | 69        |                       | 19.00                    |                        | 19.6                |
| 100             | QPSK       | 135     | 138       |                       | 18.85                    |                        | 19.6                |
| 100             | QPSK       | 270     | 0         |                       | 18.90                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 18.89                    |                        | 19.6                |
| 100             | 64QAM      | 1       | 1         |                       | 18.84                    |                        | 19.6                |
| 100             | 256QAM     | 1       | 1         |                       | 18.84                    |                        | 19.6                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.82                 | 18.82                    | 18.81                  | 19.6                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.80                 | 18.77                    | 18.75                  | 19.6                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.74                 | 18.76                    | 18.76                  | 19.6                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.77                 | 18.77                    | 18.77                  | 19.6                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.78                 | 18.75                    | 18.79                  | 19.6                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.75                 | 18.79                    | 18.76                  | 19.6                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.76                 | 18.78                    | 18.73                  | 19.6                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.75                 | 18.75                    | 18.78                  | 19.6                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.79                 | 18.76                    | 18.77                  | 19.6                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.77                 | 18.77                    | 18.74                  | 19.6                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.80                 | 18.74                    | 18.78                  | 19.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.55                    |                        | 27.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.52                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.45                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.79                    |                        | 26.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 26.32                    |                        | 27.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 25.40                    |                        | 26.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.44                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.46                    |                        | 27.3                |
| 100             | QPSK       | 1       | 137       |                       | 25.44                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.48                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 25.31                    |                        | 26.3                |
| 100             | QPSK       | 135     | 69        |                       | 26.31                    |                        | 27.3                |
| 100             | QPSK       | 135     | 138       |                       | 24.92                    |                        | 26.3                |
| 100             | QPSK       | 270     | 0         |                       | 24.94                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.47                    |                        | 26.3                |
| 100             | 64QAM      | 1       | 1         |                       | 22.91                    |                        | 24.8                |
| 100             | 256QAM     | 1       | 1         |                       | 20.98                    |                        | 22.8                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.48                 | 25.52                    | 25.51                  | 27.3                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.47                 | 25.45                    | 25.41                  | 27.3                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.43                 | 25.43                    | 25.48                  | 27.3                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.39                 | 25.42                    | 25.47                  | 27.3                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.47                 | 25.48                    | 25.49                  | 27.3                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.45                 | 25.42                    | 25.47                  | 27.3                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.42                 | 25.47                    | 25.47                  | 27.3                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.49                    | 25.49                  | 27.3                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.47                 | 25.50                    | 25.50                  | 27.3                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.39                 | 25.45                    | 25.41                  | 27.3                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.46                 | 25.49                    | 25.45                  | 27.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 16.99                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 16.85                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 16.85                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 16.85                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 16.82                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 16.79                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 16.77                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 16.88                    |                        | 18.6                |
| 100             | QPSK       | 1       | 137       |                       | 16.83                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 16.79                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 16.82                    |                        | 18.6                |
| 100             | QPSK       | 135     | 69        |                       | 16.70                    |                        | 18.6                |
| 100             | QPSK       | 135     | 138       |                       | 16.71                    |                        | 18.6                |
| 100             | QPSK       | 270     | 0         |                       | 16.68                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 16.83                    |                        | 18.6                |
| 100             | 64QAM      | 1       | 1         |                       | 16.89                    |                        | 18.6                |
| 100             | 256QAM     | 1       | 1         |                       | 16.79                    |                        | 18.6                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 16.85                 | 16.88                    | 16.89                  | 18.6                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 16.88                 | 16.84                    | 16.86                  | 18.6                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 16.88                 | 16.88                    | 16.82                  | 18.6                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 16.89                 | 16.81                    | 16.89                  | 18.6                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 16.90                 | 16.84                    | 16.84                  | 18.6                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 16.90                 | 16.87                    | 16.90                  | 18.6                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 16.90                 | 16.80                    | 16.86                  | 18.6                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 16.89                 | 16.82                    | 16.88                  | 18.6                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 16.89                 | 16.89                    | 16.90                  | 18.6                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 16.88                 | 16.83                    | 16.87                  | 18.6                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 16.88                 | 16.83                    | 16.84                  | 18.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.55                    |                        | 27.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.52                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.45                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.79                    |                        | 26.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 26.32                    |                        | 27.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 25.40                    |                        | 26.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.44                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.46                    |                        | 27.3                |
| 100             | QPSK       | 1       | 137       |                       | 25.44                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.48                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 25.31                    |                        | 26.3                |
| 100             | QPSK       | 135     | 69        |                       | 26.31                    |                        | 27.3                |
| 100             | QPSK       | 135     | 138       |                       | 24.92                    |                        | 26.3                |
| 100             | QPSK       | 270     | 0         |                       | 24.94                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.47                    |                        | 26.3                |
| 100             | 64QAM      | 1       | 1         |                       | 22.91                    |                        | 24.8                |
| 100             | 256QAM     | 1       | 1         |                       | 20.98                    |                        | 22.8                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.48                 | 25.52                    | 25.51                  | 27.3                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.47                 | 25.45                    | 25.41                  | 27.3                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.43                 | 25.43                    | 25.48                  | 27.3                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.39                 | 25.42                    | 25.47                  | 27.3                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.47                 | 25.48                    | 25.49                  | 27.3                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.45                 | 25.42                    | 25.47                  | 27.3                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.42                 | 25.47                    | 25.47                  | 27.3                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.49                    | 25.49                  | 27.3                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.47                 | 25.50                    | 25.50                  | 27.3                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.39                 | 25.45                    | 25.41                  | 27.3                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.46                 | 25.49                    | 25.45                  | 27.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 16.02                    |                        | 16.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 15.22                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 16.01                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 16.20                    |                        | 16.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 15.68                    |                        | 16.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 15.60                    |                        | 16.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 15.77                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 15.98                    |                        | 16.7                |
| 100             | QPSK       | 1       | 137       |                       | 15.18                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 15.95                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 16.05                    |                        | 16.7                |
| 100             | QPSK       | 135     | 69        |                       | 15.88                    |                        | 16.7                |
| 100             | QPSK       | 135     | 138       |                       | 15.61                    |                        | 16.7                |
| 100             | QPSK       | 270     | 0         |                       | 15.76                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 15.99                    |                        | 16.7                |
| 100             | 64QAM      | 1       | 1         |                       | 15.93                    |                        | 16.7                |
| 100             | 256QAM     | 1       | 1         |                       | 15.96                    |                        | 16.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 15.83                 | 15.81                    | 15.81                  | 16.7                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 15.75                 | 15.73                    | 15.76                  | 16.7                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 15.78                 | 15.75                    | 15.75                  | 16.7                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 15.80                 | 15.77                    | 15.76                  | 16.7                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 15.75                 | 15.76                    | 15.75                  | 16.7                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 15.81                 | 15.75                    | 15.76                  | 16.7                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 15.81                 | 15.76                    | 15.73                  | 16.7                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 15.79                 | 15.77                    | 15.74                  | 16.7                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 15.81                 | 15.74                    | 15.77                  | 16.7                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 15.76                 | 15.77                    | 15.76                  | 16.7                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 15.80                 | 15.79                    | 15.74                  | 16.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.58                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.52                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.51                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.79                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.76                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.67                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.77                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.28                    |                        | 23.9                |
| 100             | QPSK       | 1       | 137       |                       | 22.32                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.25                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.65                    |                        | 23.9                |
| 100             | QPSK       | 135     | 69        |                       | 22.68                    |                        | 23.9                |
| 100             | QPSK       | 135     | 138       |                       | 22.64                    |                        | 23.9                |
| 100             | QPSK       | 270     | 0         |                       | 22.62                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.29                    |                        | 23.9                |
| 100             | 64QAM      | 1       | 1         |                       | 22.30                    |                        | 23.9                |
| 100             | 256QAM     | 1       | 1         |                       | 20.89                    |                        | 22.8                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.41                 | 22.50                    | 22.45                  | 23.9                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.41                 | 22.47                    | 22.51                  | 23.9                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.41                 | 22.53                    | 22.51                  | 23.9                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.45                 | 22.49                    | 22.45                  | 23.9                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.45                 | 22.45                    | 22.41                  | 23.9                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.47                 | 22.44                    | 22.48                  | 23.9                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.49                 | 22.46                    | 22.50                  | 23.9                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.44                 | 22.45                    | 22.43                  | 23.9                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.42                 | 22.53                    | 22.45                  | 23.9                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.42                 | 22.53                    | 22.46                  | 23.9                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.46                 | 22.48                    | 22.42                  | 23.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.85                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.28                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.83                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.94                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.95                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.81                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.82                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.83                    |                        | 22.7                |
| 100             | QPSK       | 1       | 137       |                       | 21.27                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.80                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.90                    |                        | 22.7                |
| 100             | QPSK       | 135     | 69        |                       | 21.92                    |                        | 22.7                |
| 100             | QPSK       | 135     | 138       |                       | 21.79                    |                        | 22.7                |
| 100             | QPSK       | 270     | 0         |                       | 21.80                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.82                    |                        | 22.7                |
| 100             | 64QAM      | 1       | 1         |                       | 21.75                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 21.31                    |                        | 22.6                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.75                 | 21.75                    | 21.75                  | 22.7                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.73                    | 21.71                  | 22.7                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.69                 | 21.69                    | 21.71                  | 22.7                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.69                    | 21.73                  | 22.7                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.70                 | 21.71                    | 21.73                  | 22.7                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.70                 | 21.70                    | 21.71                  | 22.7                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.67                    | 21.70                  | 22.7                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.70                 | 21.70                    | 21.73                  | 22.7                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.70                    | 21.69                  | 22.7                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.71                    | 21.70                  | 22.7                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.67                 | 21.69                    | 21.70                  | 22.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.58                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.52                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.51                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.79                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.76                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.67                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.77                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.28                    |                        | 23.9                |
| 100             | QPSK       | 1       | 137       |                       | 22.32                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.25                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.65                    |                        | 23.9                |
| 100             | QPSK       | 135     | 69        |                       | 22.68                    |                        | 23.9                |
| 100             | QPSK       | 135     | 138       |                       | 22.64                    |                        | 23.9                |
| 100             | QPSK       | 270     | 0         |                       | 22.62                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.29                    |                        | 23.9                |
| 100             | 64QAM      | 1       | 1         |                       | 22.30                    |                        | 23.9                |
| 100             | 256QAM     | 1       | 1         |                       | 20.89                    |                        | 22.8                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.41                 | 22.50                    | 22.45                  | 23.9                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.41                 | 22.47                    | 22.51                  | 23.9                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.41                 | 22.53                    | 22.51                  | 23.9                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.45                 | 22.49                    | 22.45                  | 23.9                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.45                 | 22.45                    | 22.41                  | 23.9                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.47                 | 22.44                    | 22.48                  | 23.9                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.49                 | 22.46                    | 22.50                  | 23.9                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.44                 | 22.45                    | 22.43                  | 23.9                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.42                 | 22.53                    | 22.45                  | 23.9                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.42                 | 22.53                    | 22.46                  | 23.9                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.46                 | 22.48                    | 22.42                  | 23.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.25                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.71                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.93                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.91                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.97                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.87                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.98                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.90                    |                        | 24.7                |
| 100             | QPSK       | 1       | 137       |                       | 22.83                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.75                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.72                    |                        | 24.7                |
| 100             | QPSK       | 135     | 69        |                       | 22.70                    |                        | 24.7                |
| 100             | QPSK       | 135     | 138       |                       | 22.71                    |                        | 24.7                |
| 100             | QPSK       | 270     | 0         |                       | 22.82                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.92                    |                        | 24.7                |
| 100             | 64QAM      | 1       | 1         |                       | 22.69                    |                        | 24.6                |
| 100             | 256QAM     | 1       | 1         |                       | 21.24                    |                        | 22.6                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.05                 | 23.08                    | 23.05                  | 24.7                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.02                 | 23.09                    | 23.05                  | 24.7                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.00                 | 23.04                    | 23.04                  | 24.7                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.00                 | 23.02                    | 23.03                  | 24.7                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.96                 | 23.08                    | 23.03                  | 24.7                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.04                 | 23.09                    | 22.98                  | 24.7                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.99                 | 23.01                    | 23.00                  | 24.7                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.03                 | 23.01                    | 23.01                  | 24.7                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.06                 | 23.00                    | 22.99                  | 24.7                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.00                 | 23.09                    | 22.97                  | 24.7                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.02                 | 23.07                    | 23.07                  | 24.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.58                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.52                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.51                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.79                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.76                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.67                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.77                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.28                    |                        | 23.9                |
| 100             | QPSK       | 1       | 137       |                       | 22.32                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.25                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.65                    |                        | 23.9                |
| 100             | QPSK       | 135     | 69        |                       | 22.68                    |                        | 23.9                |
| 100             | QPSK       | 135     | 138       |                       | 22.64                    |                        | 23.9                |
| 100             | QPSK       | 270     | 0         |                       | 22.62                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.29                    |                        | 23.9                |
| 100             | 64QAM      | 1       | 1         |                       | 22.30                    |                        | 23.9                |
| 100             | 256QAM     | 1       | 1         |                       | 20.89                    |                        | 22.8                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.41                 | 22.50                    | 22.45                  | 23.9                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.41                 | 22.47                    | 22.51                  | 23.9                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.41                 | 22.53                    | 22.51                  | 23.9                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.45                 | 22.49                    | 22.45                  | 23.9                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.45                 | 22.45                    | 22.41                  | 23.9                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.47                 | 22.44                    | 22.48                  | 23.9                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.49                 | 22.46                    | 22.50                  | 23.9                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.44                 | 22.45                    | 22.43                  | 23.9                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.42                 | 22.53                    | 22.45                  | 23.9                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.42                 | 22.53                    | 22.46                  | 23.9                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.46                 | 22.48                    | 22.42                  | 23.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.85                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.28                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.83                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.94                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.95                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.81                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.82                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.83                    |                        | 22.7                |
| 100             | QPSK       | 1       | 137       |                       | 21.27                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.80                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.90                    |                        | 22.7                |
| 100             | QPSK       | 135     | 69        |                       | 21.92                    |                        | 22.7                |
| 100             | QPSK       | 135     | 138       |                       | 21.79                    |                        | 22.7                |
| 100             | QPSK       | 270     | 0         |                       | 21.80                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.82                    |                        | 22.7                |
| 100             | 64QAM      | 1       | 1         |                       | 21.75                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 21.31                    |                        | 22.6                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.75                 | 21.75                    | 21.75                  | 22.7                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.73                    | 21.71                  | 22.7                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.69                 | 21.69                    | 21.71                  | 22.7                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.69                    | 21.73                  | 22.7                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.70                 | 21.71                    | 21.73                  | 22.7                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.70                 | 21.70                    | 21.71                  | 22.7                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.67                    | 21.70                  | 22.7                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.70                 | 21.70                    | 21.73                  | 22.7                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.70                    | 21.69                  | 22.7                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.71                    | 21.70                  | 22.7                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.67                 | 21.69                    | 21.70                  | 22.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.93                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.92                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.91                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.88                    |                        | 25.2                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.38                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.81                    |                        | 25.2                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.82                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.85                    |                        | 25.7                |
| 100             | QPSK       | 1       | 137       |                       | 23.97                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.04                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.38                    |                        | 24.7                |
| 100             | QPSK       | 135     | 69        |                       | 24.34                    |                        | 25.7                |
| 100             | QPSK       | 135     | 138       |                       | 23.30                    |                        | 24.7                |
| 100             | QPSK       | 270     | 0         |                       | 23.29                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.87                    |                        | 24.7                |
| 100             | 64QAM      | 1       | 1         |                       | 21.36                    |                        | 23.2                |
| 100             | 256QAM     | 1       | 1         |                       | 19.42                    |                        | 21.2                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.87                 | 23.92                    | 23.89                  | 25.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.86                 | 23.87                    | 23.88                  | 25.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.77                 | 23.90                    | 23.84                  | 25.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.77                 | 23.89                    | 23.82                  | 25.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.78                 | 23.91                    | 23.88                  | 25.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.78                 | 23.90                    | 23.88                  | 25.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.84                 | 23.84                    | 23.83                  | 25.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.85                 | 23.85                    | 23.81                  | 25.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.77                 | 23.86                    | 23.84                  | 25.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.86                 | 23.90                    | 23.84                  | 25.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.77                 | 23.82                    | 23.88                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 14.03                    |                        | 15.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 14.01                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 13.92                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 13.94                    |                        | 15.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 14.02                    |                        | 15.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 13.98                    |                        | 15.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 14.05                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 14.00                    |                        | 15.5                |
| 100             | QPSK       | 1       | 137       |                       | 13.92                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 13.89                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 13.84                    |                        | 15.5                |
| 100             | QPSK       | 135     | 69        |                       | 13.83                    |                        | 15.5                |
| 100             | QPSK       | 135     | 138       |                       | 13.78                    |                        | 15.5                |
| 100             | QPSK       | 270     | 0         |                       | 13.86                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 13.85                    |                        | 15.5                |
| 100             | 64QAM      | 1       | 1         |                       | 13.91                    |                        | 15.5                |
| 100             | 256QAM     | 1       | 1         |                       | 13.79                    |                        | 15.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 14.00                 | 13.86                    | 13.90                  | 15.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 13.96                 | 13.89                    | 13.94                  | 15.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 13.91                 | 13.83                    | 13.95                  | 15.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 13.96                 | 13.92                    | 13.90                  | 15.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 13.98                 | 13.84                    | 13.95                  | 15.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 13.93                 | 13.88                    | 13.92                  | 15.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 13.93                 | 13.85                    | 13.90                  | 15.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 14.00                 | 13.91                    | 13.94                  | 15.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 13.99                 | 13.90                    | 13.92                  | 15.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 13.95                 | 13.87                    | 13.96                  | 15.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 13.93                 | 13.84                    | 13.93                  | 15.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.44                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.14                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.38                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.28                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.31                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.34                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.36                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.38                    |                        | 24.3                |
| 100             | QPSK       | 1       | 137       |                       | 23.09                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.35                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.27                    |                        | 24.2                |
| 100             | QPSK       | 135     | 69        |                       | 23.17                    |                        | 24.3                |
| 100             | QPSK       | 135     | 138       |                       | 23.36                    |                        | 24.2                |
| 100             | QPSK       | 270     | 0         |                       | 23.34                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.80                    |                        | 24.2                |
| 100             | 64QAM      | 1       | 1         |                       | 21.26                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.29                    |                        | 20.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.42                 | 23.40                    | 23.30                  | 24.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.34                 | 23.35                    | 23.43                  | 24.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.39                 | 23.30                    | 23.28                  | 24.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.24                 | 23.39                    | 23.33                  | 24.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.30                 | 23.31                    | 23.32                  | 24.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.31                 | 23.39                    | 23.41                  | 24.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.26                 | 23.39                    | 23.37                  | 24.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.30                    | 23.43                  | 24.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.38                 | 23.31                    | 23.27                  | 24.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.34                 | 23.24                    | 23.27                  | 24.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.42                 | 23.37                    | 23.33                  | 24.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 12.77                    |                        | 13.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 12.28                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 12.99                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 12.93                    |                        | 13.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 12.74                    |                        | 13.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 12.77                    |                        | 13.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 12.87                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 12.83                    |                        | 13.6                |
| 100             | QPSK       | 1       | 137       |                       | 12.25                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 12.97                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 12.92                    |                        | 13.6                |
| 100             | QPSK       | 135     | 69        |                       | 12.73                    |                        | 13.6                |
| 100             | QPSK       | 135     | 138       |                       | 12.75                    |                        | 13.6                |
| 100             | QPSK       | 270     | 0         |                       | 12.86                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 12.80                    |                        | 13.6                |
| 100             | 64QAM      | 1       | 1         |                       | 12.78                    |                        | 13.6                |
| 100             | 256QAM     | 1       | 1         |                       | 12.79                    |                        | 13.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 12.66                 | 12.65                    | 12.68                  | 13.6                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 12.57                 | 12.62                    | 12.67                  | 13.6                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 12.76                 | 12.65                    | 12.70                  | 13.6                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 12.57                 | 12.66                    | 12.77                  | 13.6                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 12.61                 | 12.71                    | 12.73                  | 13.6                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 12.62                 | 12.66                    | 12.67                  | 13.6                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 12.70                 | 12.60                    | 12.61                  | 13.6                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 12.74                 | 12.72                    | 12.67                  | 13.6                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 12.64                 | 12.58                    | 12.75                  | 13.6                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 12.71                 | 12.62                    | 12.71                  | 13.6                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 12.64                 | 12.72                    | 12.69                  | 13.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.52                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.43                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.43                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.86                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.94                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.77                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.91                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.50                    |                        | 20.8                |
| 100             | QPSK       | 1       | 137       |                       | 19.40                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.31                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.92                    |                        | 20.8                |
| 100             | QPSK       | 135     | 69        |                       | 19.86                    |                        | 20.8                |
| 100             | QPSK       | 135     | 138       |                       | 19.79                    |                        | 20.8                |
| 100             | QPSK       | 270     | 0         |                       | 20.01                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.00                    |                        | 20.8                |
| 100             | 64QAM      | 1       | 1         |                       | 19.97                    |                        | 20.8                |
| 100             | 256QAM     | 1       | 1         |                       | 19.97                    |                        | 20.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.55                 | 19.44                    | 19.31                  | 20.8                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.54                 | 19.43                    | 19.34                  | 20.8                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.53                 | 19.39                    | 19.35                  | 20.8                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.55                 | 19.42                    | 19.32                  | 20.8                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.55                 | 19.48                    | 19.39                  | 20.8                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.58                 | 19.50                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.56                 | 19.39                    | 19.33                  | 20.8                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.51                 | 19.41                    | 19.31                  | 20.8                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.59                 | 19.50                    | 19.39                  | 20.8                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.60                 | 19.43                    | 19.36                  | 20.8                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.51                 | 19.50                    | 19.36                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.15                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 18.50                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.13                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.04                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.05                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 18.91                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 18.98                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.13                    |                        | 19.6                |
| 100             | QPSK       | 1       | 137       |                       | 18.46                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.10                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.00                    |                        | 19.6                |
| 100             | QPSK       | 135     | 69        |                       | 19.03                    |                        | 19.6                |
| 100             | QPSK       | 135     | 138       |                       | 18.88                    |                        | 19.6                |
| 100             | QPSK       | 270     | 0         |                       | 18.97                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.07                    |                        | 19.6                |
| 100             | 64QAM      | 1       | 1         |                       | 18.97                    |                        | 19.6                |
| 100             | 256QAM     | 1       | 1         |                       | 18.94                    |                        | 19.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.94                 | 18.95                    | 18.87                  | 19.6                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.86                 | 18.89                    | 18.83                  | 19.6                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.86                 | 18.91                    | 18.85                  | 19.6                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.86                 | 18.87                    | 18.80                  | 19.6                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.89                 | 18.92                    | 18.79                  | 19.6                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.88                 | 18.89                    | 18.84                  | 19.6                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.86                 | 18.91                    | 18.84                  | 19.6                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.87                 | 18.90                    | 18.80                  | 19.6                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.87                 | 18.90                    | 18.83                  | 19.6                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.87                 | 18.89                    | 18.80                  | 19.6                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.88                 | 18.89                    | 18.79                  | 19.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.52                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.43                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.43                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.86                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.94                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.77                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.91                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.50                    |                        | 20.8                |
| 100             | QPSK       | 1       | 137       |                       | 19.40                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.31                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.92                    |                        | 20.8                |
| 100             | QPSK       | 135     | 69        |                       | 19.86                    |                        | 20.8                |
| 100             | QPSK       | 135     | 138       |                       | 19.79                    |                        | 20.8                |
| 100             | QPSK       | 270     | 0         |                       | 20.01                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.00                    |                        | 20.8                |
| 100             | 64QAM      | 1       | 1         |                       | 19.97                    |                        | 20.8                |
| 100             | 256QAM     | 1       | 1         |                       | 19.97                    |                        | 20.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.55                 | 19.44                    | 19.31                  | 20.8                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.54                 | 19.43                    | 19.34                  | 20.8                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.53                 | 19.39                    | 19.35                  | 20.8                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.55                 | 19.42                    | 19.32                  | 20.8                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.55                 | 19.48                    | 19.39                  | 20.8                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.58                 | 19.50                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.56                 | 19.39                    | 19.33                  | 20.8                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.51                 | 19.41                    | 19.31                  | 20.8                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.59                 | 19.50                    | 19.39                  | 20.8                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.60                 | 19.43                    | 19.36                  | 20.8                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.51                 | 19.50                    | 19.36                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.28                    |                        | 21.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.65                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.12                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.02                    |                        | 21.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.10                    |                        | 21.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.01                    |                        | 21.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.13                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.22                    |                        | 21.6                |
| 100             | QPSK       | 1       | 137       |                       | 19.70                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.95                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.97                    |                        | 21.6                |
| 100             | QPSK       | 135     | 69        |                       | 19.96                    |                        | 21.6                |
| 100             | QPSK       | 135     | 138       |                       | 19.95                    |                        | 21.6                |
| 100             | QPSK       | 270     | 0         |                       | 20.24                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.21                    |                        | 21.6                |
| 100             | 64QAM      | 1       | 1         |                       | 20.09                    |                        | 21.6                |
| 100             | 256QAM     | 1       | 1         |                       | 20.10                    |                        | 21.2                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.14                 | 20.23                    | 20.10                  | 21.6                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.17                 | 20.19                    | 20.10                  | 21.6                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.16                 | 20.17                    | 20.12                  | 21.6                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.07                 | 20.15                    | 20.14                  | 21.6                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.11                 | 20.20                    | 20.18                  | 21.6                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.17                    | 20.13                  | 21.6                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.15                 | 20.17                    | 20.18                  | 21.6                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.11                 | 20.21                    | 20.15                  | 21.6                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.11                 | 20.20                    | 20.12                  | 21.6                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.10                 | 20.16                    | 20.16                  | 21.6                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.07                 | 20.17                    | 20.10                  | 21.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.52                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.43                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.43                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.86                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.94                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.77                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.91                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.50                    |                        | 20.8                |
| 100             | QPSK       | 1       | 137       |                       | 19.40                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.31                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.92                    |                        | 20.8                |
| 100             | QPSK       | 135     | 69        |                       | 19.86                    |                        | 20.8                |
| 100             | QPSK       | 135     | 138       |                       | 19.79                    |                        | 20.8                |
| 100             | QPSK       | 270     | 0         |                       | 20.01                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.00                    |                        | 20.8                |
| 100             | 64QAM      | 1       | 1         |                       | 19.97                    |                        | 20.8                |
| 100             | 256QAM     | 1       | 1         |                       | 19.97                    |                        | 20.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.55                 | 19.44                    | 19.31                  | 20.8                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.54                 | 19.43                    | 19.34                  | 20.8                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.53                 | 19.39                    | 19.35                  | 20.8                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.55                 | 19.42                    | 19.32                  | 20.8                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.55                 | 19.48                    | 19.39                  | 20.8                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.58                 | 19.50                    | 19.38                  | 20.8                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.56                 | 19.39                    | 19.33                  | 20.8                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.51                 | 19.41                    | 19.31                  | 20.8                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.59                 | 19.50                    | 19.39                  | 20.8                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.60                 | 19.43                    | 19.36                  | 20.8                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.51                 | 19.50                    | 19.36                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.15                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 18.50                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.13                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.04                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.05                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 18.91                    |                        | 19.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 18.98                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.13                    |                        | 19.6                |
| 100             | QPSK       | 1       | 137       |                       | 18.46                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.10                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.00                    |                        | 19.6                |
| 100             | QPSK       | 135     | 69        |                       | 19.03                    |                        | 19.6                |
| 100             | QPSK       | 135     | 138       |                       | 18.88                    |                        | 19.6                |
| 100             | QPSK       | 270     | 0         |                       | 18.97                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.07                    |                        | 19.6                |
| 100             | 64QAM      | 1       | 1         |                       | 18.97                    |                        | 19.6                |
| 100             | 256QAM     | 1       | 1         |                       | 18.94                    |                        | 19.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.94                 | 18.95                    | 18.87                  | 19.6                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.86                 | 18.89                    | 18.83                  | 19.6                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.86                 | 18.91                    | 18.85                  | 19.6                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.86                 | 18.87                    | 18.80                  | 19.6                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.89                 | 18.92                    | 18.79                  | 19.6                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.88                 | 18.89                    | 18.84                  | 19.6                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.86                 | 18.91                    | 18.84                  | 19.6                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.87                 | 18.90                    | 18.80                  | 19.6                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.87                 | 18.90                    | 18.83                  | 19.6                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.87                 | 18.89                    | 18.80                  | 19.6                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.88                 | 18.89                    | 18.79                  | 19.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.50                    |                        | 27.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.47                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.41                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.45                    |                        | 26.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.92                    |                        | 27.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 25.39                    |                        | 26.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.38                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.44                    |                        | 27.3                |
| 100             | QPSK       | 1       | 137       |                       | 25.48                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.46                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.92                    |                        | 26.3                |
| 100             | QPSK       | 135     | 69        |                       | 25.91                    |                        | 27.3                |
| 100             | QPSK       | 135     | 138       |                       | 24.87                    |                        | 26.3                |
| 100             | QPSK       | 270     | 0         |                       | 24.86                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.44                    |                        | 26.3                |
| 100             | 64QAM      | 1       | 1         |                       | 22.89                    |                        | 24.8                |
| 100             | 256QAM     | 1       | 1         |                       | 20.98                    |                        | 22.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.47                 | 25.48                    | 25.44                  | 27.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.37                 | 25.38                    | 25.42                  | 27.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.37                 | 25.41                    | 25.42                  | 27.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.44                 | 25.44                    | 25.43                  | 27.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.42                    | 25.43                  | 27.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.43                 | 25.40                    | 25.36                  | 27.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.47                    | 25.37                  | 27.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.43                    | 25.38                  | 27.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.43                 | 25.39                    | 25.34                  | 27.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.46                 | 25.44                    | 25.35                  | 27.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.44                 | 25.40                    | 25.39                  | 27.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 18.6                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 17.05                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 16.89                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 16.90                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 16.91                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 16.88                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 16.84                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 16.82                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 16.95                    |                        | 18.6                |
| 100             | QPSK       | 1       | 137       |                       | 16.86                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 16.84                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 16.86                    |                        | 18.6                |
| 100             | QPSK       | 135     | 69        |                       | 16.73                    |                        | 18.6                |
| 100             | QPSK       | 135     | 138       |                       | 16.75                    |                        | 18.6                |
| 100             | QPSK       | 270     | 0         |                       | 16.73                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 16.88                    |                        | 18.6                |
| 100             | 64QAM      | 1       | 1         |                       | 16.94                    |                        | 18.6                |
| 100             | 256QAM     | 1       | 1         |                       | 16.86                    |                        | 18.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | 18.6                |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 16.97                 | 16.94                    | 17.02                  | 18.6                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | 18.6                |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 16.95                 | 16.91                    | 16.92                  | 18.6                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | 18.6                |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 16.92                 | 16.89                    | 16.94                  | 18.6                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | 18.6                |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 16.96                 | 16.90                    | 16.92                  | 18.6                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | 18.6                |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 17.02                 | 16.85                    | 16.94                  | 18.6                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | 18.6                |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 16.94                 | 16.94                    | 17.02                  | 18.6                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | 18.6                |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 17.00                 | 16.85                    | 17.00                  | 18.6                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | 18.6                |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 17.01                 | 16.91                    | 16.95                  | 18.6                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | 18.6                |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 17.02                 | 16.86                    | 16.94                  | 18.6                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | 18.6                |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 16.93                 | 16.90                    | 16.97                  | 18.6                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | 18.6                |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 16.96                 | 16.92                    | 16.95                  | 18.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.50                    |                        | 27.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.47                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.41                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.45                    |                        | 26.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.92                    |                        | 27.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 25.39                    |                        | 26.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.38                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.44                    |                        | 27.3                |
| 100             | QPSK       | 1       | 137       |                       | 25.48                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.46                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.92                    |                        | 26.3                |
| 100             | QPSK       | 135     | 69        |                       | 25.91                    |                        | 27.3                |
| 100             | QPSK       | 135     | 138       |                       | 24.87                    |                        | 26.3                |
| 100             | QPSK       | 270     | 0         |                       | 24.86                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.44                    |                        | 26.3                |
| 100             | 64QAM      | 1       | 1         |                       | 22.89                    |                        | 24.8                |
| 100             | 256QAM     | 1       | 1         |                       | 20.98                    |                        | 22.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.47                 | 25.48                    | 25.44                  | 27.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.37                 | 25.38                    | 25.42                  | 27.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.37                 | 25.41                    | 25.42                  | 27.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.44                 | 25.44                    | 25.43                  | 27.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.42                    | 25.43                  | 27.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.43                 | 25.40                    | 25.36                  | 27.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.47                    | 25.37                  | 27.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.43                    | 25.38                  | 27.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.43                 | 25.39                    | 25.34                  | 27.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.46                 | 25.44                    | 25.35                  | 27.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.44                 | 25.40                    | 25.39                  | 27.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 16.07                    |                        | 16.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 15.33                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 15.99                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 16.21                    |                        | 16.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 15.81                    |                        | 16.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 15.72                    |                        | 16.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 15.81                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 16.00                    |                        | 16.7                |
| 100             | QPSK       | 1       | 137       |                       | 15.32                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 15.81                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 15.83                    |                        | 16.7                |
| 100             | QPSK       | 135     | 69        |                       | 15.83                    |                        | 16.7                |
| 100             | QPSK       | 135     | 138       |                       | 15.71                    |                        | 16.7                |
| 100             | QPSK       | 270     | 0         |                       | 15.79                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 16.02                    |                        | 16.7                |
| 100             | 64QAM      | 1       | 1         |                       | 16.00                    |                        | 16.7                |
| 100             | 256QAM     | 1       | 1         |                       | 16.02                    |                        | 16.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 15.91                 | 15.86                    | 15.84                  | 16.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 15.85                 | 15.84                    | 15.80                  | 16.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 15.88                 | 15.84                    | 15.78                  | 16.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 15.89                 | 15.79                    | 15.78                  | 16.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 15.88                 | 15.83                    | 15.81                  | 16.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 15.85                 | 15.83                    | 15.76                  | 16.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 15.88                 | 15.84                    | 15.76                  | 16.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 15.85                 | 15.80                    | 15.76                  | 16.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 15.85                 | 15.81                    | 15.77                  | 16.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 15.88                 | 15.83                    | 15.79                  | 16.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 15.89                 | 15.83                    | 15.76                  | 16.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.53                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.51                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.47                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.80                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.80                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.71                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.73                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.26                    |                        | 23.9                |
| 100             | QPSK       | 1       | 137       |                       | 22.34                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.24                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.62                    |                        | 23.9                |
| 100             | QPSK       | 135     | 69        |                       | 22.66                    |                        | 23.9                |
| 100             | QPSK       | 135     | 138       |                       | 22.68                    |                        | 23.9                |
| 100             | QPSK       | 270     | 0         |                       | 22.66                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.33                    |                        | 23.9                |
| 100             | 64QAM      | 1       | 1         |                       | 22.31                    |                        | 23.9                |
| 100             | 256QAM     | 1       | 1         |                       | 20.81                    |                        | 22.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.45                    | 22.44                  | 23.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.46                    | 22.42                  | 23.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.36                 | 22.44                    | 22.45                  | 23.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.37                 | 22.43                    | 22.42                  | 23.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.39                 | 22.45                    | 22.44                  | 23.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.38                 | 22.47                    | 22.43                  | 23.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.37                 | 22.46                    | 22.43                  | 23.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.38                 | 22.44                    | 22.40                  | 23.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.44                    | 22.40                  | 23.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.39                 | 22.47                    | 22.45                  | 23.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.45                    | 22.42                  | 23.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.05                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.35                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.01                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.86                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.88                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.81                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.90                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.01                    |                        | 22.7                |
| 100             | QPSK       | 1       | 137       |                       | 21.33                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.01                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.84                    |                        | 22.7                |
| 100             | QPSK       | 135     | 69        |                       | 21.85                    |                        | 22.7                |
| 100             | QPSK       | 135     | 138       |                       | 21.80                    |                        | 22.7                |
| 100             | QPSK       | 270     | 0         |                       | 21.88                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.01                    |                        | 22.7                |
| 100             | 64QAM      | 1       | 1         |                       | 21.96                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 21.36                    |                        | 22.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.80                 | 21.82                    | 21.77                  | 22.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.78                 | 21.78                    | 21.74                  | 22.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.74                 | 21.80                    | 21.69                  | 22.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.80                    | 21.73                  | 22.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.77                 | 21.74                    | 21.73                  | 22.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.76                    | 21.75                  | 22.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.76                 | 21.75                    | 21.70                  | 22.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.76                    | 21.71                  | 22.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.74                 | 21.79                    | 21.69                  | 22.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.74                 | 21.80                    | 21.74                  | 22.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.76                    | 21.69                  | 22.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.53                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.51                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.47                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.80                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.80                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.71                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.73                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.26                    |                        | 23.9                |
| 100             | QPSK       | 1       | 137       |                       | 22.34                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.24                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.62                    |                        | 23.9                |
| 100             | QPSK       | 135     | 69        |                       | 22.66                    |                        | 23.9                |
| 100             | QPSK       | 135     | 138       |                       | 22.68                    |                        | 23.9                |
| 100             | QPSK       | 270     | 0         |                       | 22.66                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.33                    |                        | 23.9                |
| 100             | 64QAM      | 1       | 1         |                       | 22.31                    |                        | 23.9                |
| 100             | 256QAM     | 1       | 1         |                       | 20.81                    |                        | 22.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.45                    | 22.44                  | 23.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.46                    | 22.42                  | 23.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.36                 | 22.44                    | 22.45                  | 23.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.37                 | 22.43                    | 22.42                  | 23.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.39                 | 22.45                    | 22.44                  | 23.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.38                 | 22.47                    | 22.43                  | 23.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.37                 | 22.46                    | 22.43                  | 23.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.38                 | 22.44                    | 22.40                  | 23.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.44                    | 22.40                  | 23.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.39                 | 22.47                    | 22.45                  | 23.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.45                    | 22.42                  | 23.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.21                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.71                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.89                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.02                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.95                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.78                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.09                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.01                    |                        | 24.7                |
| 100             | QPSK       | 1       | 137       |                       | 22.75                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.71                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.93                    |                        | 24.7                |
| 100             | QPSK       | 135     | 69        |                       | 22.76                    |                        | 24.7                |
| 100             | QPSK       | 135     | 138       |                       | 22.88                    |                        | 24.7                |
| 100             | QPSK       | 270     | 0         |                       | 22.88                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.93                    |                        | 24.7                |
| 100             | 64QAM      | 1       | 1         |                       | 22.89                    |                        | 24.6                |
| 100             | 256QAM     | 1       | 1         |                       | 21.35                    |                        | 22.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.95                 | 22.97                    | 23.02                  | 24.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.95                 | 22.99                    | 22.96                  | 24.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.00                 | 23.06                    | 22.99                  | 24.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.00                 | 23.04                    | 23.05                  | 24.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.95                 | 23.07                    | 23.04                  | 24.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.04                 | 23.03                    | 23.06                  | 24.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.97                 | 23.04                    | 23.02                  | 24.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.06                 | 22.97                    | 23.02                  | 24.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.06                 | 23.01                    | 23.04                  | 24.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.97                 | 23.05                    | 23.01                  | 24.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.03                 | 23.07                    | 23.02                  | 24.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.53                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.51                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.47                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.80                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.80                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.71                    |                        | 23.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.73                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.26                    |                        | 23.9                |
| 100             | QPSK       | 1       | 137       |                       | 22.34                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.24                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.62                    |                        | 23.9                |
| 100             | QPSK       | 135     | 69        |                       | 22.66                    |                        | 23.9                |
| 100             | QPSK       | 135     | 138       |                       | 22.68                    |                        | 23.9                |
| 100             | QPSK       | 270     | 0         |                       | 22.66                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.33                    |                        | 23.9                |
| 100             | 64QAM      | 1       | 1         |                       | 22.31                    |                        | 23.9                |
| 100             | 256QAM     | 1       | 1         |                       | 20.81                    |                        | 22.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.45                    | 22.44                  | 23.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.46                    | 22.42                  | 23.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.36                 | 22.44                    | 22.45                  | 23.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.37                 | 22.43                    | 22.42                  | 23.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.39                 | 22.45                    | 22.44                  | 23.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.38                 | 22.47                    | 22.43                  | 23.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.37                 | 22.46                    | 22.43                  | 23.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.38                 | 22.44                    | 22.40                  | 23.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.44                    | 22.40                  | 23.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.39                 | 22.47                    | 22.45                  | 23.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.45                    | 22.42                  | 23.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.05                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.35                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.01                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.86                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.88                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.81                    |                        | 22.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.90                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.01                    |                        | 22.7                |
| 100             | QPSK       | 1       | 137       |                       | 21.33                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.01                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.84                    |                        | 22.7                |
| 100             | QPSK       | 135     | 69        |                       | 21.85                    |                        | 22.7                |
| 100             | QPSK       | 135     | 138       |                       | 21.80                    |                        | 22.7                |
| 100             | QPSK       | 270     | 0         |                       | 21.88                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.01                    |                        | 22.7                |
| 100             | 64QAM      | 1       | 1         |                       | 21.96                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 21.36                    |                        | 22.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.80                 | 21.82                    | 21.77                  | 22.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.78                 | 21.78                    | 21.74                  | 22.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.74                 | 21.80                    | 21.69                  | 22.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.80                    | 21.73                  | 22.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.77                 | 21.74                    | 21.73                  | 22.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.76                    | 21.75                  | 22.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.76                 | 21.75                    | 21.70                  | 22.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.76                    | 21.71                  | 22.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.74                 | 21.79                    | 21.69                  | 22.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.74                 | 21.80                    | 21.74                  | 22.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.76                    | 21.69                  | 22.7                |



**TX1 Output Power**

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 372000                | 376000                   | 380000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1860                  | 1880                     | 1900                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.18                 | 24.23                    | 24.16                  | 25.2                |
| 20              | PI/2 BPSK  | 1       | 53        | 24.20                 | 24.21                    | 24.17                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 24.06                 | 24.07                    | 24.00                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.65                 | 23.71                    | 23.63                  | 24.7                |
| 20              | PI/2 BPSK  | 50      | 28        | 24.15                 | 24.18                    | 24.17                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 56        | 23.56                 | 23.65                    | 23.61                  | 24.7                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.61                 | 23.66                    | 23.60                  |                     |
| 20              | QPSK       | 1       | 1         | 24.20                 | 24.22                    | 24.15                  | 25.2                |
| 20              | QPSK       | 1       | 53        | 24.19                 | 24.20                    | 24.12                  |                     |
| 20              | QPSK       | 1       | 104       | 23.98                 | 24.03                    | 23.98                  |                     |
| 20              | QPSK       | 50      | 0         | 23.19                 | 23.25                    | 23.15                  | 24.2                |
| 20              | QPSK       | 50      | 28        | 24.16                 | 24.20                    | 24.20                  | 25.2                |
| 20              | QPSK       | 50      | 56        | 23.07                 | 23.13                    | 23.05                  | 24.2                |
| 20              | QPSK       | 100     | 0         | 23.09                 | 23.17                    | 23.15                  |                     |
| 20              | 16QAM      | 1       | 1         | 23.25                 | 23.29                    | 23.24                  | 24.2                |
| 20              | 64QAM      | 1       | 1         | 21.97                 | 21.98                    | 21.90                  | 22.7                |
| 20              | 256QAM     | 1       | 1         | 19.73                 | 19.78                    | 19.73                  | 20.7                |
| Channel         |            |         |           | 371500                | 376000                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1880                     | 1902.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.17                 | 24.14                    | 24.06                  | 25.2                |
| Channel         |            |         |           | 371000                | 376000                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1880                     | 1905                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.10                 | 24.17                    | 24.14                  | 25.2                |
| Channel         |            |         |           | 370500                | 376000                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1880                     | 1907.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.18                    | 24.11                  | 25.2                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 372000                   | 376000                      | 380000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.18                    | 24.23                       | 24.16                     | 24.8                   |
| 20              | PI/2 BPSK  | 1       | 53        | 24.20                    | 24.21                       | 24.17                     |                        |
| 20              | PI/2 BPSK  | 1       | 104       | 24.06                    | 24.07                       | 24.00                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 23.65                    | 23.71                       | 23.63                     | 24.7                   |
| 20              | PI/2 BPSK  | 50      | 28        | 24.15                    | 24.18                       | 24.17                     | 24.8                   |
| 20              | PI/2 BPSK  | 50      | 56        | 23.56                    | 23.65                       | 23.61                     | 24.7                   |
| 20              | PI/2 BPSK  | 100     | 0         | 23.61                    | 23.66                       | 23.60                     |                        |
| 20              | QPSK       | 1       | 1         | 24.20                    | 24.22                       | 24.15                     | 24.8                   |
| 20              | QPSK       | 1       | 53        | 24.19                    | 24.20                       | 24.12                     |                        |
| 20              | QPSK       | 1       | 104       | 23.98                    | 24.03                       | 23.98                     |                        |
| 20              | QPSK       | 50      | 0         | 23.19                    | 23.25                       | 23.15                     | 24.2                   |
| 20              | QPSK       | 50      | 28        | 24.16                    | 24.20                       | 24.20                     | 24.8                   |
| 20              | QPSK       | 50      | 56        | 23.07                    | 23.13                       | 23.05                     | 24.2                   |
| 20              | QPSK       | 100     | 0         | 23.09                    | 23.17                       | 23.15                     |                        |
| 20              | 16QAM      | 1       | 1         | 23.25                    | 23.29                       | 23.24                     | 24.2                   |
| 20              | 64QAM      | 1       | 1         | 21.97                    | 21.98                       | 21.90                     | 22.7                   |
| 20              | 256QAM     | 1       | 1         | 19.73                    | 19.78                       | 19.73                     | 20.7                   |
| Channel         |            |         |           | 371500                   | 376000                      | 380500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.17                    | 24.14                       | 24.06                     | 24.8                   |
| Channel         |            |         |           | 371000                   | 376000                      | 381000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1855                     | 1880                        | 1905                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.10                    | 24.17                       | 24.14                     | 24.8                   |
| Channel         |            |         |           | 370500                   | 376000                      | 381500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1852.5                   | 1880                        | 1907.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 24.13                    | 24.18                       | 24.11                     | 24.8                   |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 372000                   | 376000                      | 380000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.15                    | 22.25                       | 22.18                     | 22.6                   |
| 20              | PI/2 BPSK  | 1       | 53        | 22.18                    | 22.22                       | 22.11                     |                        |
| 20              | PI/2 BPSK  | 1       | 104       | 21.95                    | 22.13                       | 22.01                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 22.10                    | 22.23                       | 22.06                     | 22.6                   |
| 20              | PI/2 BPSK  | 50      | 28        | 22.25                    | 22.30                       | 22.11                     | 22.6                   |
| 20              | PI/2 BPSK  | 50      | 56        | 22.19                    | 22.31                       | 22.27                     | 22.6                   |
| 20              | PI/2 BPSK  | 100     | 0         | 22.13                    | 22.19                       | 22.11                     |                        |
| 20              | QPSK       | 1       | 1         | 22.17                    | 22.22                       | 22.19                     | 22.6                   |
| 20              | QPSK       | 1       | 53        | 22.10                    | 22.15                       | 22.11                     |                        |
| 20              | QPSK       | 1       | 104       | 22.10                    | 22.07                       | 22.12                     |                        |
| 20              | QPSK       | 50      | 0         | 22.06                    | 22.20                       | 22.13                     | 22.6                   |
| 20              | QPSK       | 50      | 28        | 22.10                    | 22.31                       | 22.21                     | 22.6                   |
| 20              | QPSK       | 50      | 56        | 22.17                    | 22.27                       | 22.13                     | 22.6                   |
| 20              | QPSK       | 100     | 0         | 22.03                    | 22.15                       | 22.06                     |                        |
| 20              | 16QAM      | 1       | 1         | 22.03                    | 22.05                       | 22.02                     | 22.6                   |
| 20              | 64QAM      | 1       | 1         | 21.50                    | 21.62                       | 21.61                     | 22.6                   |
| 20              | 256QAM     | 1       | 1         | 19.46                    | 19.48                       | 19.39                     | 20.7                   |
| Channel         |            |         |           | 371500                   | 376000                      | 380500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.04                    | 22.20                       | 22.22                     | 22.6                   |
| Channel         |            |         |           | 371000                   | 376000                      | 381000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1855                     | 1880                        | 1905                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.06                    | 22.17                       | 22.16                     | 22.6                   |
| Channel         |            |         |           | 370500                   | 376000                      | 381500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1852.5                   | 1880                        | 1907.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 22.09                    | 22.17                       | 22.14                     | 22.6                   |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 372000                   | 376000                      | 380000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.15                    | 22.25                       | 22.18                     | 24.0                   |
| 20              | PI/2 BPSK  | 1       | 53        | 22.18                    | 22.22                       | 22.11                     |                        |
| 20              | PI/2 BPSK  | 1       | 104       | 21.95                    | 22.13                       | 22.01                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 22.10                    | 22.23                       | 22.06                     | 24.0                   |
| 20              | PI/2 BPSK  | 50      | 28        | 22.25                    | 22.30                       | 22.11                     | 24.0                   |
| 20              | PI/2 BPSK  | 50      | 56        | 22.19                    | 22.31                       | 22.27                     | 24.0                   |
| 20              | PI/2 BPSK  | 100     | 0         | 22.13                    | 22.19                       | 22.11                     |                        |
| 20              | QPSK       | 1       | 1         | 22.17                    | 22.22                       | 22.19                     | 24.0                   |
| 20              | QPSK       | 1       | 53        | 22.10                    | 22.15                       | 22.11                     |                        |
| 20              | QPSK       | 1       | 104       | 22.10                    | 22.07                       | 22.12                     |                        |
| 20              | QPSK       | 50      | 0         | 22.06                    | 22.20                       | 22.13                     | 24.0                   |
| 20              | QPSK       | 50      | 28        | 22.10                    | 22.31                       | 22.21                     | 24.0                   |
| 20              | QPSK       | 50      | 56        | 22.17                    | 22.27                       | 22.13                     | 24.0                   |
| 20              | QPSK       | 100     | 0         | 22.03                    | 22.15                       | 22.06                     |                        |
| 20              | 16QAM      | 1       | 1         | 22.03                    | 22.05                       | 22.02                     | 24.0                   |
| 20              | 64QAM      | 1       | 1         | 21.50                    | 21.62                       | 21.61                     | 22.7                   |
| 20              | 256QAM     | 1       | 1         | 19.46                    | 19.48                       | 19.39                     | 20.7                   |
| Channel         |            |         |           | 371500                   | 376000                      | 380500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.04                    | 22.20                       | 22.22                     | 24.0                   |
| Channel         |            |         |           | 371000                   | 376000                      | 381000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1855                     | 1880                        | 1905                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.06                    | 22.17                       | 22.16                     | 24.0                   |
| Channel         |            |         |           | 370500                   | 376000                      | 381500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1852.5                   | 1880                        | 1907.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 22.09                    | 22.17                       | 22.14                     | 24.0                   |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 372000                   | 376000                      | 380000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.15                    | 22.25                       | 22.18                     | 22.6                   |
| 20              | PI/2 BPSK  | 1       | 53        | 22.18                    | 22.22                       | 22.11                     |                        |
| 20              | PI/2 BPSK  | 1       | 104       | 21.95                    | 22.13                       | 22.01                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 22.10                    | 22.23                       | 22.06                     | 22.6                   |
| 20              | PI/2 BPSK  | 50      | 28        | 22.25                    | 22.30                       | 22.11                     | 22.6                   |
| 20              | PI/2 BPSK  | 50      | 56        | 22.19                    | 22.31                       | 22.27                     | 22.6                   |
| 20              | PI/2 BPSK  | 100     | 0         | 22.13                    | 22.19                       | 22.11                     |                        |
| 20              | QPSK       | 1       | 1         | 22.17                    | 22.22                       | 22.19                     | 22.6                   |
| 20              | QPSK       | 1       | 53        | 22.10                    | 22.15                       | 22.11                     |                        |
| 20              | QPSK       | 1       | 104       | 22.10                    | 22.07                       | 22.12                     |                        |
| 20              | QPSK       | 50      | 0         | 22.06                    | 22.20                       | 22.13                     | 22.6                   |
| 20              | QPSK       | 50      | 28        | 22.10                    | 22.31                       | 22.21                     | 22.6                   |
| 20              | QPSK       | 50      | 56        | 22.17                    | 22.27                       | 22.13                     | 22.6                   |
| 20              | QPSK       | 100     | 0         | 22.03                    | 22.15                       | 22.06                     |                        |
| 20              | 16QAM      | 1       | 1         | 22.03                    | 22.05                       | 22.02                     | 22.6                   |
| 20              | 64QAM      | 1       | 1         | 21.50                    | 21.62                       | 21.61                     | 22.6                   |
| 20              | 256QAM     | 1       | 1         | 19.46                    | 19.48                       | 19.39                     | 20.7                   |
| Channel         |            |         |           | 371500                   | 376000                      | 380500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.04                    | 22.20                       | 22.22                     | 22.6                   |
| Channel         |            |         |           | 371000                   | 376000                      | 381000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1855                     | 1880                        | 1905                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.06                    | 22.17                       | 22.16                     | 22.6                   |
| Channel         |            |         |           | 370500                   | 376000                      | 381500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1852.5                   | 1880                        | 1907.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 22.09                    | 22.17                       | 22.14                     | 22.6                   |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 166800                | 167300                   | 167800                 | 21.5                |
| Frequency (MHz) |            |         |           | 834                   | 836.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.88                 | 19.94                    | 19.91                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 19.82                 | 19.90                    | 19.87                  | 21.5                |
| 20              | PI/2 BPSK  | 1       | 104       | 19.76                 | 19.81                    | 19.77                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 19.75                 | 19.83                    | 19.79                  |                     |
| 20              | PI/2 BPSK  | 50      | 28        | 19.81                 | 19.86                    | 19.82                  | 21.5                |
| 20              | PI/2 BPSK  | 50      | 56        | 19.77                 | 19.85                    | 19.81                  | 21.5                |
| 20              | PI/2 BPSK  | 100     | 0         | 19.75                 | 19.83                    | 19.81                  |                     |
| 20              | QPSK       | 1       | 1         | 19.82                 | 19.89                    | 19.87                  |                     |
| 20              | QPSK       | 1       | 53        | 19.83                 | 19.89                    | 19.85                  | 21.5                |
| 20              | QPSK       | 1       | 104       | 19.80                 | 19.85                    | 19.82                  |                     |
| 20              | QPSK       | 50      | 0         | 19.79                 | 19.85                    | 19.81                  |                     |
| 20              | QPSK       | 50      | 28        | 19.77                 | 19.85                    | 19.80                  | 21.5                |
| 20              | QPSK       | 50      | 56        | 19.76                 | 19.84                    | 19.80                  | 21.5                |
| 20              | QPSK       | 100     | 0         | 19.78                 | 19.83                    | 19.79                  |                     |
| 20              | 16QAM      | 1       | 1         | 19.85                 | 19.90                    | 19.86                  |                     |
| 20              | 64QAM      | 1       | 1         | 19.87                 | 19.92                    | 19.90                  | 21.5                |
| 20              | 256QAM     | 1       | 1         | 19.59                 | 19.65                    | 19.60                  | 20.7                |
| Channel         |            |         |           | 166300                | 167300                   | 168300                 | 21.5                |
| Frequency (MHz) |            |         |           | 831.5                 | 836.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.83                 | 19.84                    | 19.85                  |                     |
| Channel         |            |         |           | 165800                | 167300                   | 168800                 | 21.5                |
| Frequency (MHz) |            |         |           | 829                   | 836.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.83                 | 19.87                    | 19.83                  |                     |
| Channel         |            |         |           | 165300                | 167300                   | 169300                 | 21.5                |
| Frequency (MHz) |            |         |           | 826.5                 | 836.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 19.79                 | 19.84                    | 19.84                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 166800                   | 167300                      | 167800                    | 19.8                   |
| Frequency (MHz) |            |         |           | 834                      | 836.5                       | 839                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 18.52                    | 18.61                       | 18.56                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 18.50                    | 18.55                       | 18.53                     | 19.8                   |
| 20              | PI/2 BPSK  | 1       | 104       | 18.42                    | 18.47                       | 18.40                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 18.40                    | 18.51                       | 18.42                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 18.45                    | 18.52                       | 18.48                     | 19.8                   |
| 20              | PI/2 BPSK  | 50      | 56        | 18.43                    | 18.50                       | 18.46                     | 19.8                   |
| 20              | PI/2 BPSK  | 100     | 0         | 18.39                    | 18.46                       | 18.44                     |                        |
| 20              | QPSK       | 1       | 1         | 18.44                    | 18.52                       | 18.53                     |                        |
| 20              | QPSK       | 1       | 53        | 18.47                    | 18.52                       | 18.51                     | 19.8                   |
| 20              | QPSK       | 1       | 104       | 18.45                    | 18.47                       | 18.49                     |                        |
| 20              | QPSK       | 50      | 0         | 18.44                    | 18.51                       | 18.45                     |                        |
| 20              | QPSK       | 50      | 28        | 18.41                    | 18.47                       | 18.44                     | 19.8                   |
| 20              | QPSK       | 50      | 56        | 18.39                    | 18.49                       | 18.42                     | 19.8                   |
| 20              | QPSK       | 100     | 0         | 18.41                    | 18.49                       | 18.43                     |                        |
| 20              | 16QAM      | 1       | 1         | 18.49                    | 18.56                       | 18.49                     |                        |
| 20              | 64QAM      | 1       | 1         | 18.49                    | 18.57                       | 18.57                     | 19.8                   |
| 20              | 256QAM     | 1       | 1         | 18.21                    | 18.27                       | 18.25                     | 19.8                   |
| Channel         |            |         |           | 166300                   | 167300                      | 168300                    | 19.8                   |
| Frequency (MHz) |            |         |           | 831.5                    | 836.5                       | 841.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 18.49                    | 18.58                       | 18.51                     |                        |
| Channel         |            |         |           | 165800                   | 167300                      | 168800                    | 19.8                   |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 18.45                    | 18.53                       | 18.50                     |                        |
| Channel         |            |         |           | 165300                   | 167300                      | 169300                    | 19.8                   |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 18.44                    | 18.59                       | 18.52                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 166800                | 167300                   | 167800                 | 23.1                |
| Frequency (MHz) |            |         |           | 834                   | 836.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.93                 | 21.98                    | 21.86                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 21.82                 | 21.92                    | 21.88                  | 23.1                |
| 20              | PI/2 BPSK  | 1       | 104       | 21.91                 | 21.94                    | 21.92                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 21.76                 | 21.87                    | 21.86                  |                     |
| 20              | PI/2 BPSK  | 50      | 28        | 21.81                 | 21.95                    | 21.87                  | 23.1                |
| 20              | PI/2 BPSK  | 50      | 56        | 21.88                 | 21.94                    | 21.93                  | 23.1                |
| 20              | PI/2 BPSK  | 100     | 0         | 21.77                 | 21.93                    | 21.89                  |                     |
| 20              | QPSK       | 1       | 1         | 21.94                 | 21.90                    | 21.88                  |                     |
| 20              | QPSK       | 1       | 53        | 21.83                 | 21.88                    | 21.77                  | 23.1                |
| 20              | QPSK       | 1       | 104       | 21.88                 | 21.95                    | 21.93                  |                     |
| 20              | QPSK       | 50      | 0         | 21.94                 | 21.92                    | 21.92                  |                     |
| 20              | QPSK       | 50      | 28        | 21.88                 | 21.98                    | 21.88                  | 23.1                |
| 20              | QPSK       | 50      | 56        | 21.90                 | 21.86                    | 21.86                  | 23.1                |
| 20              | QPSK       | 100     | 0         | 21.83                 | 21.88                    | 21.81                  |                     |
| 20              | 16QAM      | 1       | 1         | 21.86                 | 21.88                    | 21.86                  |                     |
| 20              | 64QAM      | 1       | 1         | 21.87                 | 21.86                    | 21.76                  | 22.7                |
| 20              | 256QAM     | 1       | 1         | 19.85                 | 19.91                    | 19.86                  | 20.7                |
| Channel         |            |         |           | 166300                | 167300                   | 168300                 | 23.1                |
| Frequency (MHz) |            |         |           | 831.5                 | 836.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.85                 | 21.94                    | 21.77                  |                     |
| Channel         |            |         |           | 165800                | 167300                   | 168800                 | 23.1                |
| Frequency (MHz) |            |         |           | 829                   | 836.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.84                 | 21.92                    | 21.81                  |                     |
| Channel         |            |         |           | 165300                | 167300                   | 169300                 | 23.1                |
| Frequency (MHz) |            |         |           | 826.5                 | 836.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 21.87                 | 21.95                    | 21.79                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 166800                   | 167300                      | 167800                    | 25.2                   |
| Frequency (MHz) |            |         |           | 834                      | 836.5                       | 839                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.60                    | 24.67                       | 24.62                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 24.55                    | 24.64                       | 24.61                     | 24.7                   |
| 20              | PI/2 BPSK  | 1       | 104       | 24.47                    | 24.55                       | 24.51                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 23.98                    | 24.08                       | 24.05                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 24.56                    | 24.62                       | 24.52                     | 24.7                   |
| 20              | PI/2 BPSK  | 50      | 56        | 24.04                    | 24.11                       | 24.09                     |                        |
| 20              | PI/2 BPSK  | 100     | 0         | 24.07                    | 24.10                       | 24.04                     |                        |
| 20              | QPSK       | 1       | 1         | 24.51                    | 24.60                       | 24.52                     | 25.2                   |
| 20              | QPSK       | 1       | 53        | 24.58                    | 24.64                       | 24.55                     |                        |
| 20              | QPSK       | 1       | 104       | 24.52                    | 24.56                       | 24.54                     |                        |
| 20              | QPSK       | 50      | 0         | 23.53                    | 23.59                       | 23.49                     | 24.2                   |
| 20              | QPSK       | 50      | 28        | 24.52                    | 24.61                       | 24.51                     |                        |
| 20              | QPSK       | 50      | 56        | 23.57                    | 23.62                       | 23.62                     |                        |
| 20              | QPSK       | 100     | 0         | 23.53                    | 23.61                       | 23.56                     | 22.7                   |
| 20              | 16QAM      | 1       | 1         | 23.28                    | 23.32                       | 23.23                     |                        |
| 20              | 64QAM      | 1       | 1         | 21.98                    | 22.05                       | 22.02                     |                        |
| 20              | 256QAM     | 1       | 1         | 20.03                    | 20.07                       | 20.05                     | 20.7                   |
| Channel         |            |         |           | 166300                   | 167300                      | 168300                    | 25.2                   |
| Frequency (MHz) |            |         |           | 831.5                    | 836.5                       | 841.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.52                    | 24.60                       | 24.62                     |                        |
| Channel         |            |         |           | 165800                   | 167300                      | 168800                    | 25.2                   |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.60                    | 24.57                       | 24.56                     |                        |
| Channel         |            |         |           | 165300                   | 167300                      | 169300                    | 25.2                   |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 24.58                    | 24.61                       | 24.52                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 166800                   | 167300                      | 167800                    | 23.1                   |
| Frequency (MHz) |            |         |           | 834                      | 836.5                       | 839                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.93                    | 21.98                       | 21.86                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 21.82                    | 21.92                       | 21.88                     | 23.1                   |
| 20              | PI/2 BPSK  | 1       | 104       | 21.91                    | 21.94                       | 21.92                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 21.76                    | 21.87                       | 21.86                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 21.81                    | 21.95                       | 21.87                     | 23.1                   |
| 20              | PI/2 BPSK  | 50      | 56        | 21.88                    | 21.94                       | 21.93                     | 23.1                   |
| 20              | PI/2 BPSK  | 100     | 0         | 21.77                    | 21.93                       | 21.89                     |                        |
| 20              | QPSK       | 1       | 1         | 21.94                    | 21.90                       | 21.88                     |                        |
| 20              | QPSK       | 1       | 53        | 21.83                    | 21.88                       | 21.77                     | 23.1                   |
| 20              | QPSK       | 1       | 104       | 21.88                    | 21.95                       | 21.93                     |                        |
| 20              | QPSK       | 50      | 0         | 21.94                    | 21.92                       | 21.92                     |                        |
| 20              | QPSK       | 50      | 28        | 21.88                    | 21.98                       | 21.88                     | 23.1                   |
| 20              | QPSK       | 50      | 56        | 21.90                    | 21.86                       | 21.86                     | 23.1                   |
| 20              | QPSK       | 100     | 0         | 21.83                    | 21.88                       | 21.81                     |                        |
| 20              | 16QAM      | 1       | 1         | 21.86                    | 21.88                       | 21.86                     |                        |
| 20              | 64QAM      | 1       | 1         | 21.87                    | 21.86                       | 21.76                     | 22.7                   |
| 20              | 256QAM     | 1       | 1         | 19.85                    | 19.91                       | 19.86                     | 20.7                   |
| Channel         |            |         |           | 166300                   | 167300                      | 168300                    | 23.1                   |
| Frequency (MHz) |            |         |           | 831.5                    | 836.5                       | 841.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.85                    | 21.94                       | 21.77                     |                        |
| Channel         |            |         |           | 165800                   | 167300                      | 168800                    | 23.1                   |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.84                    | 21.92                       | 21.81                     |                        |
| Channel         |            |         |           | 165300                   | 167300                      | 169300                    | 23.1                   |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 21.87                    | 21.95                       | 21.79                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 505000                | 507000                   | 509000                 | 25.2                |
| Frequency (MHz) |            |         |           | 2525                  | 2535                     | 2545                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.40                 | 24.47                    | 24.42                  |                     |
| 50              | PI/2 BPSK  | 1       | 135       | 24.34                 | 24.44                    | 24.40                  | 24.7                |
| 50              | PI/2 BPSK  | 1       | 268       | 24.21                 | 24.21                    | 24.14                  |                     |
| 50              | PI/2 BPSK  | 135     | 0         | 23.78                 | 23.79                    | 23.77                  |                     |
| 50              | PI/2 BPSK  | 135     | 68        | 24.32                 | 24.33                    | 24.31                  | 25.2                |
| 50              | PI/2 BPSK  | 135     | 135       | 23.77                 | 23.80                    | 23.75                  | 24.7                |
| 50              | PI/2 BPSK  | 270     | 0         | 23.78                 | 23.84                    | 23.81                  |                     |
| 50              | QPSK       | 1       | 1         | 24.35                 | 24.37                    | 24.35                  |                     |
| 50              | QPSK       | 1       | 135       | 24.39                 | 24.41                    | 24.33                  | 25.2                |
| 50              | QPSK       | 1       | 268       | 24.26                 | 24.28                    | 24.21                  |                     |
| 50              | QPSK       | 135     | 0         | 23.21                 | 23.31                    | 23.23                  |                     |
| 50              | QPSK       | 135     | 68        | 24.29                 | 24.33                    | 24.28                  | 24.2                |
| 50              | QPSK       | 135     | 135       | 23.20                 | 23.28                    | 23.26                  | 25.2                |
| 50              | QPSK       | 270     | 0         | 23.31                 | 23.38                    | 23.31                  |                     |
| 50              | 16QAM      | 1       | 1         | 23.18                 | 23.18                    | 23.17                  |                     |
| 50              | 64QAM      | 1       | 1         | 22.02                 | 22.10                    | 22.01                  | 24.2                |
| 50              | 256QAM     | 1       | 1         | 19.62                 | 19.71                    | 19.70                  | 22.7                |
| Channel         |            |         |           | 504000                | 507000                   | 510000                 | 20.7                |
| Frequency (MHz) |            |         |           | 2520                  | 2535                     | 2550                   | 25.2                |
| 40              | PI/2 BPSK  | 1       | 1         | 24.32                 | 24.39                    | 24.39                  |                     |
| Channel         |            |         |           | 503000                | 507000                   | 511000                 | 25.2                |
| Frequency (MHz) |            |         |           | 2515                  | 2535                     | 2555                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.33                 | 24.45                    | 24.34                  |                     |
| Channel         |            |         |           | 502500                | 507000                   | 511500                 | 25.2                |
| Frequency (MHz) |            |         |           | 2512.5                | 2535                     | 2557.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.46                    | 24.37                  |                     |
| Channel         |            |         |           | 502000                | 507000                   | 512000                 | 25.2                |
| Frequency (MHz) |            |         |           | 2510                  | 2535                     | 2560                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.43                    | 24.37                  |                     |
| Channel         |            |         |           | 501500                | 507000                   | 512500                 | 25.2                |
| Frequency (MHz) |            |         |           | 2507.5                | 2535                     | 2562.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.42                    | 24.32                  |                     |
| Channel         |            |         |           | 501000                | 507000                   | 513000                 | 25.2                |
| Frequency (MHz) |            |         |           | 2505                  | 2535                     | 2565                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.38                 | 24.41                    | 24.32                  |                     |
| Channel         |            |         |           | 500500                | 507000                   | 513500                 | 25.2                |
| Frequency (MHz) |            |         |           | 2502.5                | 2535                     | 2567.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.45                    | 24.42                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 505000                | 507000                   | 509000                 | 24.8                |
| Frequency (MHz) |            |         |           | 2525                  | 2535                     | 2545                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.40                 | 24.47                    | 24.42                  |                     |
| 50              | PI/2 BPSK  | 1       | 135       | 24.34                 | 24.44                    | 24.40                  | 24.7                |
| 50              | PI/2 BPSK  | 1       | 268       | 24.21                 | 24.21                    | 24.14                  |                     |
| 50              | PI/2 BPSK  | 135     | 0         | 23.78                 | 23.79                    | 23.77                  |                     |
| 50              | PI/2 BPSK  | 135     | 68        | 24.32                 | 24.33                    | 24.31                  | 24.7                |
| 50              | PI/2 BPSK  | 135     | 135       | 23.77                 | 23.80                    | 23.75                  |                     |
| 50              | PI/2 BPSK  | 270     | 0         | 23.78                 | 23.84                    | 23.81                  |                     |
| 50              | QPSK       | 1       | 1         | 24.35                 | 24.37                    | 24.35                  | 24.8                |
| 50              | QPSK       | 1       | 135       | 24.39                 | 24.41                    | 24.33                  |                     |
| 50              | QPSK       | 1       | 268       | 24.26                 | 24.28                    | 24.21                  |                     |
| 50              | QPSK       | 135     | 0         | 23.21                 | 23.31                    | 23.23                  | 24.8                |
| 50              | QPSK       | 135     | 68        | 24.29                 | 24.33                    | 24.28                  |                     |
| 50              | QPSK       | 135     | 135       | 23.20                 | 23.28                    | 23.26                  |                     |
| 50              | QPSK       | 270     | 0         | 23.31                 | 23.38                    | 23.31                  | 24.2                |
| 50              | 16QAM      | 1       | 1         | 23.18                 | 23.18                    | 23.17                  |                     |
| 50              | 64QAM      | 1       | 1         | 22.02                 | 22.10                    | 22.01                  |                     |
| 50              | 256QAM     | 1       | 1         | 19.62                 | 19.71                    | 19.70                  | 20.7                |
| Channel         |            |         |           | 504000                | 507000                   | 510000                 | 24.8                |
| Frequency (MHz) |            |         |           | 2520                  | 2535                     | 2550                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.32                 | 24.39                    | 24.39                  |                     |
| Channel         |            |         |           | 503000                | 507000                   | 511000                 | 24.8                |
| Frequency (MHz) |            |         |           | 2515                  | 2535                     | 2555                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.33                 | 24.45                    | 24.34                  |                     |
| Channel         |            |         |           | 502500                | 507000                   | 511500                 | 24.8                |
| Frequency (MHz) |            |         |           | 2512.5                | 2535                     | 2557.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.46                    | 24.37                  |                     |
| Channel         |            |         |           | 502000                | 507000                   | 512000                 | 24.8                |
| Frequency (MHz) |            |         |           | 2510                  | 2535                     | 2560                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.43                    | 24.37                  |                     |
| Channel         |            |         |           | 501500                | 507000                   | 512500                 | 24.8                |
| Frequency (MHz) |            |         |           | 2507.5                | 2535                     | 2562.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.42                    | 24.32                  |                     |
| Channel         |            |         |           | 501000                | 507000                   | 513000                 | 24.8                |
| Frequency (MHz) |            |         |           | 2505                  | 2535                     | 2565                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.38                 | 24.41                    | 24.32                  |                     |
| Channel         |            |         |           | 500500                | 507000                   | 513500                 | 24.8                |
| Frequency (MHz) |            |         |           | 2502.5                | 2535                     | 2567.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.45                    | 24.42                  |                     |



<FR1 n7\_Ant 0\_Index 4>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 505000                | 507000                   | 509000                 | 20.6                |
| Frequency (MHz) |            |         |           | 2525                  | 2535                     | 2545                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.94                 | 19.96                    | 19.94                  |                     |
| 50              | PI/2 BPSK  | 1       | 135       | 19.91                 | 19.93                    | 19.91                  | 20.6                |
| 50              | PI/2 BPSK  | 1       | 268       | 19.80                 | 19.82                    | 19.80                  |                     |
| 50              | PI/2 BPSK  | 135     | 0         | 19.79                 | 19.81                    | 19.79                  |                     |
| 50              | PI/2 BPSK  | 135     | 68        | 19.83                 | 19.85                    | 19.83                  | 20.6                |
| 50              | PI/2 BPSK  | 135     | 135       | 19.75                 | 19.77                    | 19.75                  | 20.6                |
| 50              | PI/2 BPSK  | 270     | 0         | 19.83                 | 19.85                    | 19.83                  |                     |
| 50              | QPSK       | 1       | 1         | 19.91                 | 19.93                    | 19.91                  |                     |
| 50              | QPSK       | 1       | 135       | 19.89                 | 19.91                    | 19.89                  | 20.6                |
| 50              | QPSK       | 1       | 268       | 19.77                 | 19.79                    | 19.77                  |                     |
| 50              | QPSK       | 135     | 0         | 19.78                 | 19.80                    | 19.78                  |                     |
| 50              | QPSK       | 135     | 68        | 19.80                 | 19.82                    | 19.80                  | 20.6                |
| 50              | QPSK       | 135     | 135       | 19.73                 | 19.75                    | 19.73                  | 20.6                |
| 50              | QPSK       | 270     | 0         | 19.79                 | 19.81                    | 19.79                  |                     |
| 50              | 16QAM      | 1       | 1         | 19.91                 | 19.93                    | 19.91                  |                     |
| 50              | 64QAM      | 1       | 1         | 19.89                 | 19.91                    | 19.89                  | 20.6                |
| 50              | 256QAM     | 1       | 1         | 19.60                 | 19.63                    | 19.61                  | 20.6                |
| Channel         |            |         |           | 504000                | 507000                   | 20                     | 20.6                |
| Frequency (MHz) |            |         |           | 2520                  | 2535                     | 2550                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.80                 | 19.86                    | 19.84                  |                     |
| Channel         |            |         |           | 503000                | 507000                   | 511000                 | 20.6                |
| Frequency (MHz) |            |         |           | 2515                  | 2535                     | 2555                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.88                 | 19.81                    | 19.83                  |                     |
| Channel         |            |         |           | 502500                | 507000                   | 511500                 | 20.6                |
| Frequency (MHz) |            |         |           | 2512.5                | 2535                     | 2557.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.85                 | 19.87                    | 19.82                  |                     |
| Channel         |            |         |           | 502000                | 507000                   | 512000                 | 20.6                |
| Frequency (MHz) |            |         |           | 2510                  | 2535                     | 2560                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.87                 | 19.81                    | 19.84                  |                     |
| Channel         |            |         |           | 501500                | 507000                   | 512500                 | 20.6                |
| Frequency (MHz) |            |         |           | 2507.5                | 2535                     | 2562.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.83                 | 19.84                    | 19.88                  |                     |
| Channel         |            |         |           | 501000                | 507000                   | 513000                 | 20.6                |
| Frequency (MHz) |            |         |           | 2505                  | 2535                     | 2565                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.86                 | 19.89                    | 19.87                  |                     |
| Channel         |            |         |           | 500500                | 507000                   | 513500                 | 20.6                |
| Frequency (MHz) |            |         |           | 2502.5                | 2535                     | 2567.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 19.89                 | 19.82                    | 19.84                  |                     |



<FR1 n7\_Ant 0\_Index 5>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 505000                | 507000                   | 509000                 | 23.6                |
| Frequency (MHz) |            |         |           | 2525                  | 2535                     | 2545                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.15                 | 22.18                    | 22.10                  |                     |
| 50              | PI/2 BPSK  | 1       | 135       | 22.05                 | 22.17                    | 22.03                  | 23.6                |
| 50              | PI/2 BPSK  | 1       | 268       | 22.11                 | 22.15                    | 22.10                  |                     |
| 50              | PI/2 BPSK  | 135     | 0         | 22.11                 | 22.15                    | 22.00                  |                     |
| 50              | PI/2 BPSK  | 135     | 68        | 22.10                 | 22.20                    | 22.05                  | 23.6                |
| 50              | PI/2 BPSK  | 135     | 135       | 22.03                 | 22.18                    | 22.08                  | 23.6                |
| 50              | PI/2 BPSK  | 270     | 0         | 22.21                 | 22.25                    | 22.16                  |                     |
| 50              | QPSK       | 1       | 1         | 22.09                 | 22.13                    | 21.98                  |                     |
| 50              | QPSK       | 1       | 135       | 21.96                 | 22.11                    | 21.97                  | 23.6                |
| 50              | QPSK       | 1       | 268       | 21.98                 | 22.06                    | 21.99                  |                     |
| 50              | QPSK       | 135     | 0         | 22.08                 | 22.12                    | 21.97                  |                     |
| 50              | QPSK       | 135     | 68        | 22.01                 | 22.16                    | 22.12                  | 23.6                |
| 50              | QPSK       | 135     | 135       | 22.02                 | 22.15                    | 22.00                  | 23.6                |
| 50              | QPSK       | 270     | 0         | 22.20                 | 22.22                    | 22.15                  |                     |
| 50              | 16QAM      | 1       | 1         | 22.11                 | 22.20                    | 22.19                  |                     |
| 50              | 64QAM      | 1       | 1         | 21.70                 | 21.80                    | 21.68                  | 22.7                |
| 50              | 256QAM     | 1       | 1         | 19.56                 | 19.65                    | 19.58                  | 20.7                |
| Channel         |            |         |           | 504000                | 507000                   | 510000                 | 23.6                |
| Frequency (MHz) |            |         |           | 2520                  | 2535                     | 2550                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.11                 | 22.06                    | 22.07                  |                     |
| Channel         |            |         |           | 503000                | 507000                   | 511000                 | 23.6                |
| Frequency (MHz) |            |         |           | 2515                  | 2535                     | 2555                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.01                 | 22.12                    | 21.99                  |                     |
| Channel         |            |         |           | 502500                | 507000                   | 511500                 | 23.6                |
| Frequency (MHz) |            |         |           | 2512.5                | 2535                     | 2557.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.02                 | 22.12                    | 22.03                  |                     |
| Channel         |            |         |           | 502000                | 507000                   | 512000                 | 23.6                |
| Frequency (MHz) |            |         |           | 2510                  | 2535                     | 2560                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.10                 | 22.08                    | 22.02                  |                     |
| Channel         |            |         |           | 501500                | 507000                   | 512500                 | 23.6                |
| Frequency (MHz) |            |         |           | 2507.5                | 2535                     | 2562.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.00                 | 22.06                    | 22.04                  |                     |
| Channel         |            |         |           | 501000                | 507000                   | 513000                 | 23.6                |
| Frequency (MHz) |            |         |           | 2505                  | 2535                     | 2565                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.04                 | 22.15                    | 21.97                  |                     |
| Channel         |            |         |           | 500500                | 507000                   | 513500                 | 23.6                |
| Frequency (MHz) |            |         |           | 2502.5                | 2535                     | 2567.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 22.05                 | 22.07                    | 22.06                  |                     |



<FR1 n7\_Ant 0\_Index 6>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 505000                | 507000                   | 509000                 | 20.6                |
| Frequency (MHz) |            |         |           | 2525                  | 2535                     | 2545                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.94                 | 19.96                    | 19.94                  |                     |
| 50              | PI/2 BPSK  | 1       | 135       | 19.91                 | 19.93                    | 19.91                  | 20.6                |
| 50              | PI/2 BPSK  | 1       | 268       | 19.80                 | 19.82                    | 19.80                  |                     |
| 50              | PI/2 BPSK  | 135     | 0         | 19.79                 | 19.81                    | 19.79                  |                     |
| 50              | PI/2 BPSK  | 135     | 68        | 19.83                 | 19.85                    | 19.83                  | 20.6                |
| 50              | PI/2 BPSK  | 135     | 135       | 19.75                 | 19.77                    | 19.75                  | 20.6                |
| 50              | PI/2 BPSK  | 270     | 0         | 19.83                 | 19.85                    | 19.83                  |                     |
| 50              | QPSK       | 1       | 1         | 19.91                 | 19.93                    | 19.91                  |                     |
| 50              | QPSK       | 1       | 135       | 19.89                 | 19.91                    | 19.89                  | 20.6                |
| 50              | QPSK       | 1       | 268       | 19.77                 | 19.79                    | 19.77                  |                     |
| 50              | QPSK       | 135     | 0         | 19.78                 | 19.80                    | 19.78                  |                     |
| 50              | QPSK       | 135     | 68        | 19.80                 | 19.82                    | 19.80                  | 20.6                |
| 50              | QPSK       | 135     | 135       | 19.73                 | 19.75                    | 19.73                  | 20.6                |
| 50              | QPSK       | 270     | 0         | 19.79                 | 19.81                    | 19.79                  |                     |
| 50              | 16QAM      | 1       | 1         | 19.91                 | 19.93                    | 19.91                  |                     |
| 50              | 64QAM      | 1       | 1         | 19.89                 | 19.91                    | 19.89                  | 20.6                |
| 50              | 256QAM     | 1       | 1         | 19.60                 | 19.63                    | 19.61                  | 20.6                |
| Channel         |            |         |           | 504000                | 507000                   | 20                     | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2520                  | 2535                     | 2550                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.80                 | 19.86                    | 19.84                  |                     |
| Channel         |            |         |           | 503000                | 507000                   | 511000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2515                  | 2535                     | 2555                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.88                 | 19.81                    | 19.83                  |                     |
| Channel         |            |         |           | 502500                | 507000                   | 511500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2512.5                | 2535                     | 2557.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.85                 | 19.87                    | 19.82                  |                     |
| Channel         |            |         |           | 502000                | 507000                   | 512000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2510                  | 2535                     | 2560                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.87                 | 19.81                    | 19.84                  |                     |
| Channel         |            |         |           | 501500                | 507000                   | 512500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2507.5                | 2535                     | 2562.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.83                 | 19.84                    | 19.88                  |                     |
| Channel         |            |         |           | 501000                | 507000                   | 513000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2505                  | 2535                     | 2565                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.86                 | 19.89                    | 19.87                  |                     |
| Channel         |            |         |           | 500500                | 507000                   | 513500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2502.5                | 2535                     | 2567.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 19.89                 | 19.82                    | 19.84                  |                     |



**<FR1 n12\_Ant 1\_Index 2>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 |                     |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.43                 | 20.47                    | 20.39                  |                     |
| 15              | PI/2 BPSK  | 1       | 40        | 20.35                 | 20.39                    | 20.34                  | 22.1                |
| 15              | PI/2 BPSK  | 1       | 77        | 20.37                 | 20.42                    | 20.37                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 20.34                 | 20.38                    | 20.33                  |                     |
| 15              | PI/2 BPSK  | 36      | 22        | 20.41                 | 20.46                    | 20.39                  | 22.1                |
| 15              | PI/2 BPSK  | 36      | 43        | 20.40                 | 20.45                    | 20.38                  | 22.1                |
| 15              | PI/2 BPSK  | 75      | 0         | 20.41                 | 20.46                    | 20.39                  |                     |
| 15              | QPSK       | 1       | 1         | 20.40                 | 20.45                    | 20.37                  |                     |
| 15              | QPSK       | 1       | 40        | 20.41                 | 20.43                    | 20.35                  | 22.1                |
| 15              | QPSK       | 1       | 77        | 20.40                 | 20.45                    | 20.39                  |                     |
| 15              | QPSK       | 36      | 0         | 20.35                 | 20.37                    | 20.32                  |                     |
| 15              | QPSK       | 36      | 22        | 20.39                 | 20.43                    | 20.35                  | 22.1                |
| 15              | QPSK       | 36      | 43        | 20.37                 | 20.41                    | 20.33                  | 22.1                |
| 15              | QPSK       | 75      | 0         | 20.41                 | 20.43                    | 20.36                  |                     |
| 15              | 16QAM      | 1       | 1         | 20.33                 | 20.38                    | 20.32                  |                     |
| 15              | 64QAM      | 1       | 1         | 20.39                 | 20.42                    | 20.37                  | 22.1                |
| 15              | 256QAM     | 1       | 1         | 19.37                 | 19.42                    | 19.34                  | 20.7                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.34                 | 20.39                    | 20.32                  |                     |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 20.37                 | 20.38                    | 20.30                  |                     |

**<FR1 n12\_Ant 1\_Index 3>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 |                     |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.43                 | 20.47                    | 20.39                  |                     |
| 15              | PI/2 BPSK  | 1       | 40        | 20.35                 | 20.39                    | 20.34                  | 20.5                |
| 15              | PI/2 BPSK  | 1       | 77        | 20.37                 | 20.42                    | 20.37                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 20.34                 | 20.38                    | 20.33                  |                     |
| 15              | PI/2 BPSK  | 36      | 22        | 20.41                 | 20.46                    | 20.39                  | 20.5                |
| 15              | PI/2 BPSK  | 36      | 43        | 20.40                 | 20.45                    | 20.38                  | 20.5                |
| 15              | PI/2 BPSK  | 75      | 0         | 20.41                 | 20.46                    | 20.39                  |                     |
| 15              | QPSK       | 1       | 1         | 20.40                 | 20.45                    | 20.37                  |                     |
| 15              | QPSK       | 1       | 40        | 20.41                 | 20.43                    | 20.35                  | 20.5                |
| 15              | QPSK       | 1       | 77        | 20.40                 | 20.45                    | 20.39                  |                     |
| 15              | QPSK       | 36      | 0         | 20.35                 | 20.37                    | 20.32                  |                     |
| 15              | QPSK       | 36      | 22        | 20.39                 | 20.43                    | 20.35                  | 20.5                |
| 15              | QPSK       | 36      | 43        | 20.37                 | 20.41                    | 20.33                  | 20.5                |
| 15              | QPSK       | 75      | 0         | 20.41                 | 20.43                    | 20.36                  |                     |
| 15              | 16QAM      | 1       | 1         | 20.33                 | 20.38                    | 20.32                  |                     |
| 15              | 64QAM      | 1       | 1         | 20.39                 | 20.42                    | 20.37                  | 20.5                |
| 15              | 256QAM     | 1       | 1         | 19.37                 | 19.42                    | 19.34                  | 20.3                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.34                 | 20.39                    | 20.32                  |                     |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 20.37                 | 20.38                    | 20.30                  |                     |



### <FR1 n12\_Ant 1\_Index 4>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 | 25.2                |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.00                 | 24.02                    | 23.94                  |                     |
| 15              | PI/2 BPSK  | 1       | 40        | 23.88                 | 23.93                    | 23.88                  | 24.7                |
| 15              | PI/2 BPSK  | 1       | 77        | 23.98                 | 24.00                    | 23.91                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 23.42                 | 23.43                    | 23.38                  |                     |
| 15              | PI/2 BPSK  | 36      | 22        | 23.90                 | 23.98                    | 23.92                  | 25.2                |
| 15              | PI/2 BPSK  | 36      | 43        | 23.56                 | 23.56                    | 23.53                  |                     |
| 15              | PI/2 BPSK  | 75      | 0         | 23.43                 | 23.50                    | 23.49                  |                     |
| 15              | QPSK       | 1       | 1         | 23.95                 | 23.98                    | 23.90                  | 24.7                |
| 15              | QPSK       | 1       | 40        | 23.95                 | 23.95                    | 23.90                  |                     |
| 15              | QPSK       | 1       | 77        | 23.97                 | 24.00                    | 23.93                  |                     |
| 15              | QPSK       | 36      | 0         | 22.85                 | 22.94                    | 22.93                  | 25.2                |
| 15              | QPSK       | 36      | 22        | 23.95                 | 24.00                    | 23.94                  |                     |
| 15              | QPSK       | 36      | 43        | 23.00                 | 23.05                    | 23.05                  |                     |
| 15              | QPSK       | 75      | 0         | 22.92                 | 23.02                    | 22.93                  | 24.2                |
| 15              | 16QAM      | 1       | 1         | 22.82                 | 22.92                    | 22.92                  |                     |
| 15              | 64QAM      | 1       | 1         | 21.64                 | 21.65                    | 21.61                  |                     |
|                 | 256QAM     | 1       | 1         | 19.33                 | 19.40                    | 19.40                  | 20.7                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | 25.2                |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.91                 | 23.96                    | 23.90                  |                     |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | 25.2                |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 23.98                 | 24.00                    | 23.93                  |                     |

### <FR1 n12\_Ant 1\_Index 5>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 | 25.2                |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.00                 | 24.02                    | 23.94                  |                     |
| 15              | PI/2 BPSK  | 1       | 40        | 23.88                 | 23.93                    | 23.88                  | 24.7                |
| 15              | PI/2 BPSK  | 1       | 77        | 23.98                 | 24.00                    | 23.91                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 23.42                 | 23.43                    | 23.38                  |                     |
| 15              | PI/2 BPSK  | 36      | 22        | 23.90                 | 23.98                    | 23.92                  | 25.2                |
| 15              | PI/2 BPSK  | 36      | 43        | 23.56                 | 23.56                    | 23.53                  |                     |
| 15              | PI/2 BPSK  | 75      | 0         | 23.43                 | 23.50                    | 23.49                  |                     |
| 15              | QPSK       | 1       | 1         | 23.95                 | 23.98                    | 23.90                  | 24.7                |
| 15              | QPSK       | 1       | 40        | 23.95                 | 23.95                    | 23.90                  |                     |
| 15              | QPSK       | 1       | 77        | 23.97                 | 24.00                    | 23.93                  |                     |
| 15              | QPSK       | 36      | 0         | 22.85                 | 22.94                    | 22.93                  | 25.2                |
| 15              | QPSK       | 36      | 22        | 23.95                 | 24.00                    | 23.94                  |                     |
| 15              | QPSK       | 36      | 43        | 23.00                 | 23.05                    | 23.05                  |                     |
| 15              | QPSK       | 75      | 0         | 22.92                 | 23.02                    | 22.93                  | 24.2                |
| 15              | 16QAM      | 1       | 1         | 22.82                 | 22.92                    | 22.92                  |                     |
| 15              | 64QAM      | 1       | 1         | 21.64                 | 21.65                    | 21.61                  |                     |
|                 | 256QAM     | 1       | 1         | 19.33                 | 19.40                    | 19.40                  | 20.7                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | 25.2                |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.91                 | 23.96                    | 23.90                  |                     |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | 25.2                |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 23.98                 | 24.00                    | 23.93                  |                     |



<FR1 n12\_Ant 1\_Index 6>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 | 25.2                |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.00                 | 24.02                    | 23.94                  |                     |
| 15              | PI/2 BPSK  | 1       | 40        | 23.88                 | 23.93                    | 23.88                  | 24.7                |
| 15              | PI/2 BPSK  | 1       | 77        | 23.98                 | 24.00                    | 23.91                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 23.42                 | 23.43                    | 23.38                  |                     |
| 15              | PI/2 BPSK  | 36      | 22        | 23.90                 | 23.98                    | 23.92                  | 24.7                |
| 15              | PI/2 BPSK  | 36      | 43        | 23.56                 | 23.56                    | 23.53                  |                     |
| 15              | PI/2 BPSK  | 75      | 0         | 23.43                 | 23.50                    | 23.49                  |                     |
| 15              | QPSK       | 1       | 1         | 23.95                 | 23.98                    | 23.90                  | 25.2                |
| 15              | QPSK       | 1       | 40        | 23.95                 | 23.95                    | 23.90                  |                     |
| 15              | QPSK       | 1       | 77        | 23.97                 | 24.00                    | 23.93                  |                     |
| 15              | QPSK       | 36      | 0         | 22.85                 | 22.94                    | 22.93                  | 24.2                |
| 15              | QPSK       | 36      | 22        | 23.95                 | 24.00                    | 23.94                  |                     |
| 15              | QPSK       | 36      | 43        | 23.00                 | 23.05                    | 23.05                  |                     |
| 15              | QPSK       | 75      | 0         | 22.92                 | 23.02                    | 22.93                  | 22.7                |
| 15              | 16QAM      | 1       | 1         | 22.82                 | 22.92                    | 22.92                  |                     |
| 15              | 64QAM      | 1       | 1         | 21.64                 | 21.65                    | 21.61                  |                     |
| 15              | 256QAM     | 1       | 1         | 19.33                 | 19.40                    | 19.40                  | 20.7                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | 25.2                |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.91                 | 23.96                    | 23.90                  |                     |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | 25.2                |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 23.98                 | 24.00                    | 23.93                  |                     |



**<FR1 n14\_Ant 1\_Index 2>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 158600                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 793                      |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 20.65                    |                        | 22.3                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 20.64                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 20.58                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 20.54                    |                        | 22.3                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 20.63                    |                        | 22.3                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 20.61                    |                        | 22.3                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 20.60                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 20.58                    |                        | 22.3                |
| 10              | QPSK       | 1       | 26        |                       | 20.58                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 20.54                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 20.58                    |                        | 22.3                |
| 10              | QPSK       | 25      | 14        |                       | 20.59                    |                        | 22.3                |
| 10              | QPSK       | 25      | 27        |                       | 20.58                    |                        | 22.3                |
| 10              | QPSK       | 50      | 0         |                       | 20.60                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 20.49                    |                        | 22.3                |
| 10              | 64QAM      | 1       | 1         |                       | 20.63                    |                        | 22.3                |
| 10              | 256QAM     | 1       | 1         |                       | 20.02                    |                        | 21.2                |
| Channel         |            |         |           | 158100                | 158600                   | 159100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 790.5                 | 793                      | 795.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 20.61                 | 20.63                    | 20.59                  | 22.3                |

**<FR1 n14\_Ant 1\_Index 3>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 158600                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 793                      |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 20.65                    |                        | 21.1                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 20.64                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 20.58                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 20.54                    |                        | 21.1                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 20.63                    |                        | 21.1                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 20.61                    |                        | 21.1                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 20.60                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 20.58                    |                        | 21.1                |
| 10              | QPSK       | 1       | 26        |                       | 20.58                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 20.54                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 20.58                    |                        | 21.1                |
| 10              | QPSK       | 25      | 14        |                       | 20.59                    |                        | 21.1                |
| 10              | QPSK       | 25      | 27        |                       | 20.58                    |                        | 21.1                |
| 10              | QPSK       | 50      | 0         |                       | 20.60                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 20.49                    |                        | 21.1                |
| 10              | 64QAM      | 1       | 1         |                       | 20.63                    |                        | 21.1                |
| 10              | 256QAM     | 1       | 1         |                       | 20.02                    |                        | 21.1                |
| Channel         |            |         |           | 158100                | 158600                   | 159100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 790.5                 | 793                      | 795.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 20.61                 | 20.63                    | 20.59                  | 21.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 158600                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 793                      |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 23.07                    |                        | 24.0                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 22.96                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 22.92                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 22.50                    |                        | 24.0                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 22.96                    |                        | 24.0                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 22.95                    |                        | 24.0                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 22.95                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 22.96                    |                        | 24.0                |
| 10              | QPSK       | 1       | 26        |                       | 22.95                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 22.94                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 22.95                    |                        | 24.0                |
| 10              | QPSK       | 25      | 14        |                       | 22.96                    |                        | 24.0                |
| 10              | QPSK       | 25      | 27        |                       | 22.91                    |                        | 24.0                |
| 10              | QPSK       | 50      | 0         |                       | 22.90                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 22.95                    |                        | 24.0                |
| 10              | 64QAM      | 1       | 1         |                       | 21.99                    |                        | 23.2                |
| 10              | 256QAM     | 1       | 1         |                       | 20.21                    |                        | 21.2                |
| Channel         |            |         |           | 158100                | 158600                   | 159100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 790.5                 | 793                      | 795.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 22.95                 | 22.90                    | 22.89                  | 24.0                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 158600                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 793                      |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 24.69                    |                        | 25.7                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 24.68                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 24.57                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 24.03                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 24.54                    |                        | 25.7                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 24.07                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 24.05                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 24.53                    |                        | 25.7                |
| 10              | QPSK       | 1       | 26        |                       | 24.64                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 24.55                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 23.56                    |                        | 24.7                |
| 10              | QPSK       | 25      | 14        |                       | 24.55                    |                        | 25.7                |
| 10              | QPSK       | 25      | 27        |                       | 23.52                    |                        | 24.7                |
| 10              | QPSK       | 50      | 0         |                       | 23.56                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 23.59                    |                        | 24.7                |
| 10              | 64QAM      | 1       | 1         |                       | 22.05                    |                        | 23.2                |
| 10              | 256QAM     | 1       | 1         |                       | 20.23                    |                        | 21.2                |
| Channel         |            |         |           | 158100                | 158600                   | 159100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 790.5                 | 793                      | 795.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.62                 | 24.65                    | 24.61                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 158600                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 793                      |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 23.07                    |                        | 24.0                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 22.96                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 22.92                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 22.50                    |                        | 24.0                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 22.96                    |                        | 24.0                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 22.95                    |                        | 24.0                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 22.95                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 22.96                    |                        | 24.0                |
| 10              | QPSK       | 1       | 26        |                       | 22.95                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 22.94                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 22.95                    |                        | 24.0                |
| 10              | QPSK       | 25      | 14        |                       | 22.96                    |                        | 24.0                |
| 10              | QPSK       | 25      | 27        |                       | 22.91                    |                        | 24.0                |
| 10              | QPSK       | 50      | 0         |                       | 22.90                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 22.95                    |                        | 24.0                |
| 10              | 64QAM      | 1       | 1         |                       | 21.99                    |                        | 23.2                |
| 10              | 256QAM     | 1       | 1         |                       | 20.21                    |                        | 21.2                |
| Channel         |            |         |           | 158100                | 158600                   |                        | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 790.5                 | 793                      | 795.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 22.95                 | 22.90                    | 22.89                  | 24.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 374000                | 376500                   | 379000                 | 25.2                |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5                   | 1895                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.26                 | 24.30                    | 24.20                  |                     |
| 40              | PI/2 BPSK  | 1       | 108       | 24.19                 | 24.29                    | 24.19                  | 24.7                |
| 40              | PI/2 BPSK  | 1       | 214       | 23.93                 | 23.97                    | 23.94                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 23.64                 | 23.66                    | 23.59                  |                     |
| 40              | PI/2 BPSK  | 108     | 54        | 24.14                 | 24.17                    | 24.13                  | 25.2                |
| 40              | PI/2 BPSK  | 108     | 108       | 23.59                 | 23.59                    | 23.53                  |                     |
| 40              | PI/2 BPSK  | 216     | 0         | 23.60                 | 23.63                    | 23.57                  |                     |
| 40              | QPSK       | 1       | 1         | 24.21                 | 24.28                    | 24.24                  | 25.2                |
| 40              | QPSK       | 1       | 108       | 24.25                 | 24.26                    | 24.22                  |                     |
| 40              | QPSK       | 1       | 214       | 23.96                 | 23.98                    | 23.94                  |                     |
| 40              | QPSK       | 108     | 0         | 23.13                 | 23.16                    | 23.12                  | 24.2                |
| 40              | QPSK       | 108     | 54        | 24.14                 | 24.16                    | 24.08                  |                     |
| 40              | QPSK       | 108     | 108       | 23.04                 | 23.12                    | 23.12                  |                     |
| 40              | QPSK       | 216     | 0         | 23.06                 | 23.15                    | 23.09                  | 24.2                |
| 40              | 16QAM      | 1       | 1         | 23.21                 | 23.27                    | 23.23                  |                     |
| 40              | 64QAM      | 1       | 1         | 21.70                 | 21.70                    | 21.65                  |                     |
| 40              | 256QAM     | 1       | 1         | 19.43                 | 19.46                    | 19.46                  | 20.7                |
| Channel         |            |         |           | 373000                | 376500                   | 380000                 | 25.2                |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5                   | 1900                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.20                    | 24.15                  |                     |
| Channel         |            |         |           | 372500                | 376500                   | 380500                 | 25.2                |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5                   | 1902.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.26                    | 24.20                  |                     |
| Channel         |            |         |           | 372000                | 376500                   | 381000                 | 25.2                |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5                   | 1905                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.19                 | 24.20                    | 24.16                  |                     |
| Channel         |            |         |           | 371500                | 376500                   | 381500                 | 25.2                |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5                   | 1907.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.20                    | 24.20                  |                     |
| Channel         |            |         |           | 371000                | 376500                   | 382000                 | 25.2                |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5                   | 1910                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.23                 | 24.20                    | 24.17                  |                     |
| Channel         |            |         |           | 370500                | 376500                   | 382500                 | 25.2                |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5                   | 1912.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.19                 | 24.29                    | 24.20                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 374000                   | 376500                      | 379000                    | 24.3                   |
| Frequency (MHz) |            |         |           | 1870                     | 1882.5                      | 1895                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.26                    | 24.30                       | 24.20                     |                        |
| 40              | PI/2 BPSK  | 1       | 108       | 24.19                    | 24.29                       | 24.19                     | 24.3                   |
| 40              | PI/2 BPSK  | 1       | 214       | 23.93                    | 23.97                       | 23.94                     |                        |
| 40              | PI/2 BPSK  | 108     | 0         | 23.64                    | 23.66                       | 23.59                     |                        |
| 40              | PI/2 BPSK  | 108     | 54        | 24.14                    | 24.17                       | 24.13                     | 24.3                   |
| 40              | PI/2 BPSK  | 108     | 108       | 23.59                    | 23.59                       | 23.53                     | 24.3                   |
| 40              | PI/2 BPSK  | 216     | 0         | 23.60                    | 23.63                       | 23.57                     |                        |
| 40              | QPSK       | 1       | 1         | 24.21                    | 24.28                       | 24.24                     |                        |
| 40              | QPSK       | 1       | 108       | 24.25                    | 24.26                       | 24.22                     | 24.3                   |
| 40              | QPSK       | 1       | 214       | 23.96                    | 23.98                       | 23.94                     |                        |
| 40              | QPSK       | 108     | 0         | 23.13                    | 23.16                       | 23.12                     |                        |
| 40              | QPSK       | 108     | 54        | 24.14                    | 24.16                       | 24.08                     | 24.3                   |
| 40              | QPSK       | 108     | 108       | 23.04                    | 23.12                       | 23.12                     | 24.2                   |
| 40              | QPSK       | 216     | 0         | 23.06                    | 23.15                       | 23.09                     |                        |
| 40              | 16QAM      | 1       | 1         | 23.21                    | 23.27                       | 23.23                     |                        |
| 40              | 64QAM      | 1       | 1         | 21.70                    | 21.70                       | 21.65                     | 22.7                   |
| 40              | 256QAM     | 1       | 1         | 19.43                    | 19.46                       | 19.46                     | 20.7                   |
| Channel         |            |         |           | 373000                   | 376500                      | 380000                    | 24.3                   |
| Frequency (MHz) |            |         |           | 1865                     | 1882.5                      | 1900                      |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.21                    | 24.20                       | 24.15                     |                        |
| Channel         |            |         |           | 372500                   | 376500                      | 380500                    | 24.3                   |
| Frequency (MHz) |            |         |           | 1862.5                   | 1882.5                      | 1902.5                    |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 24.21                    | 24.26                       | 24.20                     |                        |
| Channel         |            |         |           | 372000                   | 376500                      | 381000                    | 24.3                   |
| Frequency (MHz) |            |         |           | 1860                     | 1882.5                      | 1905                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.19                    | 24.20                       | 24.16                     |                        |
| Channel         |            |         |           | 371500                   | 376500                      | 381500                    | 24.3                   |
| Frequency (MHz) |            |         |           | 1857.5                   | 1882.5                      | 1907.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.21                    | 24.20                       | 24.20                     |                        |
| Channel         |            |         |           | 371000                   | 376500                      | 382000                    | 24.3                   |
| Frequency (MHz) |            |         |           | 1855                     | 1882.5                      | 1910                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.23                    | 24.20                       | 24.17                     |                        |
| Channel         |            |         |           | 370500                   | 376500                      | 382500                    | 24.3                   |
| Frequency (MHz) |            |         |           | 1852.5                   | 1882.5                      | 1912.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 24.19                    | 24.29                       | 24.20                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 374000                   | 376500                      | 379000                    | 22.6                   |
| Frequency (MHz) |            |         |           | 1870                     | 1882.5                      | 1895                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.32                    | 22.41                       | 22.28                     |                        |
| 40              | PI/2 BPSK  | 1       | 108       | 22.29                    | 22.40                       | 22.27                     | 22.6                   |
| 40              | PI/2 BPSK  | 1       | 214       | 22.09                    | 22.24                       | 22.14                     |                        |
| 40              | PI/2 BPSK  | 108     | 0         | 22.26                    | 22.38                       | 22.24                     |                        |
| 40              | PI/2 BPSK  | 108     | 54        | 22.38                    | 22.41                       | 22.29                     | 22.6                   |
| 40              | PI/2 BPSK  | 108     | 108       | 22.35                    | 22.40                       | 22.35                     | 22.6                   |
| 40              | PI/2 BPSK  | 216     | 0         | 22.23                    | 22.36                       | 22.25                     |                        |
| 40              | QPSK       | 1       | 1         | 22.25                    | 22.31                       | 22.27                     |                        |
| 40              | QPSK       | 1       | 108       | 22.24                    | 22.28                       | 22.20                     | 22.6                   |
| 40              | QPSK       | 1       | 214       | 22.04                    | 22.17                       | 22.09                     |                        |
| 40              | QPSK       | 108     | 0         | 22.20                    | 22.27                       | 22.21                     |                        |
| 40              | QPSK       | 108     | 54        | 22.24                    | 22.36                       | 22.26                     | 22.6                   |
| 40              | QPSK       | 108     | 108       | 22.29                    | 22.32                       | 22.24                     | 22.6                   |
| 40              | QPSK       | 216     | 0         | 22.10                    | 22.21                       | 22.06                     |                        |
| 40              | 16QAM      | 1       | 1         | 22.04                    | 22.15                       | 22.07                     |                        |
| 40              | 64QAM      | 1       | 1         | 21.62                    | 21.72                       | 21.66                     | 22.6                   |
| 40              | 256QAM     | 1       | 1         | 19.51                    | 19.55                       | 19.52                     | 20.7                   |
| Channel         |            |         |           | 373000                   | 376500                      | 380000                    | 22.6                   |
| Frequency (MHz) |            |         |           | 1865                     | 1882.5                      | 1900                      |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.12                    | 22.29                       | 22.06                     |                        |
| Channel         |            |         |           | 372500                   | 376500                      | 380500                    | 22.6                   |
| Frequency (MHz) |            |         |           | 1862.5                   | 1882.5                      | 1902.5                    |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 22.13                    | 22.27                       | 22.10                     |                        |
| Channel         |            |         |           | 372000                   | 376500                      | 381000                    | 22.6                   |
| Frequency (MHz) |            |         |           | 1860                     | 1882.5                      | 1905                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.10                    | 22.35                       | 22.11                     |                        |
| Channel         |            |         |           | 371500                   | 376500                      | 381500                    | 22.6                   |
| Frequency (MHz) |            |         |           | 1857.5                   | 1882.5                      | 1907.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.23                    | 22.20                       | 22.15                     |                        |
| Channel         |            |         |           | 371000                   | 376500                      | 382000                    | 22.6                   |
| Frequency (MHz) |            |         |           | 1855                     | 1882.5                      | 1910                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.25                    | 22.26                       | 22.19                     |                        |
| Channel         |            |         |           | 370500                   | 376500                      | 382500                    | 22.6                   |
| Frequency (MHz) |            |         |           | 1852.5                   | 1882.5                      | 1912.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 22.18                    | 22.35                       | 22.15                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 374000                | 376500                   | 379000                 | 24.0                |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5                   | 1895                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.32                 | 22.41                    | 22.28                  |                     |
| 40              | PI/2 BPSK  | 1       | 108       | 22.29                 | 22.40                    | 22.27                  | 24.0                |
| 40              | PI/2 BPSK  | 1       | 214       | 22.09                 | 22.24                    | 22.14                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 22.26                 | 22.38                    | 22.24                  |                     |
| 40              | PI/2 BPSK  | 108     | 54        | 22.38                 | 22.41                    | 22.29                  | 24.0                |
| 40              | PI/2 BPSK  | 108     | 108       | 22.35                 | 22.40                    | 22.35                  | 24.0                |
| 40              | PI/2 BPSK  | 216     | 0         | 22.23                 | 22.36                    | 22.25                  |                     |
| 40              | QPSK       | 1       | 1         | 22.25                 | 22.31                    | 22.27                  |                     |
| 40              | QPSK       | 1       | 108       | 22.24                 | 22.28                    | 22.20                  | 24.0                |
| 40              | QPSK       | 1       | 214       | 22.04                 | 22.17                    | 22.09                  |                     |
| 40              | QPSK       | 108     | 0         | 22.20                 | 22.27                    | 22.21                  |                     |
| 40              | QPSK       | 108     | 54        | 22.24                 | 22.36                    | 22.26                  | 24.0                |
| 40              | QPSK       | 108     | 108       | 22.29                 | 22.32                    | 22.24                  | 24.0                |
| 40              | QPSK       | 216     | 0         | 22.10                 | 22.21                    | 22.06                  |                     |
| 40              | 16QAM      | 1       | 1         | 22.04                 | 22.15                    | 22.07                  |                     |
| 40              | 64QAM      | 1       | 1         | 21.62                 | 21.72                    | 21.66                  | 22.7                |
| 40              | 256QAM     | 1       | 1         | 19.51                 | 19.55                    | 19.52                  | 20.7                |
| Channel         |            |         |           | 373000                | 376500                   | 380000                 | 24.0                |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5                   | 1900                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.12                 | 22.29                    | 22.06                  |                     |
| Channel         |            |         |           | 372500                | 376500                   | 380500                 | 24.0                |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5                   | 1902.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.13                 | 22.27                    | 22.10                  |                     |
| Channel         |            |         |           | 372000                | 376500                   | 381000                 | 24.0                |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5                   | 1905                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.10                 | 22.35                    | 22.11                  |                     |
| Channel         |            |         |           | 371500                | 376500                   | 381500                 | 24.0                |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5                   | 1907.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.23                 | 22.20                    | 22.15                  |                     |
| Channel         |            |         |           | 371000                | 376500                   | 382000                 | 24.0                |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5                   | 1910                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.25                 | 22.26                    | 22.19                  |                     |
| Channel         |            |         |           | 370500                | 376500                   | 382500                 | 24.0                |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5                   | 1912.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 22.18                 | 22.35                    | 22.15                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 374000                   | 376500                      | 379000                    | 22.6                   |
| Frequency (MHz) |            |         |           | 1870                     | 1882.5                      | 1895                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.32                    | 22.41                       | 22.28                     |                        |
| 40              | PI/2 BPSK  | 1       | 108       | 22.29                    | 22.40                       | 22.27                     | 22.6                   |
| 40              | PI/2 BPSK  | 1       | 214       | 22.09                    | 22.24                       | 22.14                     |                        |
| 40              | PI/2 BPSK  | 108     | 0         | 22.26                    | 22.38                       | 22.24                     |                        |
| 40              | PI/2 BPSK  | 108     | 54        | 22.38                    | 22.41                       | 22.29                     | 22.6                   |
| 40              | PI/2 BPSK  | 108     | 108       | 22.35                    | 22.40                       | 22.35                     | 22.6                   |
| 40              | PI/2 BPSK  | 216     | 0         | 22.23                    | 22.36                       | 22.25                     |                        |
| 40              | QPSK       | 1       | 1         | 22.25                    | 22.31                       | 22.27                     |                        |
| 40              | QPSK       | 1       | 108       | 22.24                    | 22.28                       | 22.20                     | 22.6                   |
| 40              | QPSK       | 1       | 214       | 22.04                    | 22.17                       | 22.09                     |                        |
| 40              | QPSK       | 108     | 0         | 22.20                    | 22.27                       | 22.21                     |                        |
| 40              | QPSK       | 108     | 54        | 22.24                    | 22.36                       | 22.26                     | 22.6                   |
| 40              | QPSK       | 108     | 108       | 22.29                    | 22.32                       | 22.24                     | 22.6                   |
| 40              | QPSK       | 216     | 0         | 22.10                    | 22.21                       | 22.06                     |                        |
| 40              | 16QAM      | 1       | 1         | 22.04                    | 22.15                       | 22.07                     |                        |
| 40              | 64QAM      | 1       | 1         | 21.62                    | 21.72                       | 21.66                     | 22.6                   |
| 40              | 256QAM     | 1       | 1         | 19.51                    | 19.55                       | 19.52                     | 20.7                   |
| Channel         |            |         |           | 373000                   | 376500                      | 380000                    | 22.6                   |
| Frequency (MHz) |            |         |           | 1865                     | 1882.5                      | 1900                      |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.12                    | 22.29                       | 22.06                     |                        |
| Channel         |            |         |           | 372500                   | 376500                      | 380500                    | 22.6                   |
| Frequency (MHz) |            |         |           | 1862.5                   | 1882.5                      | 1902.5                    |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 22.13                    | 22.27                       | 22.10                     |                        |
| Channel         |            |         |           | 372000                   | 376500                      | 381000                    | 22.6                   |
| Frequency (MHz) |            |         |           | 1860                     | 1882.5                      | 1905                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.10                    | 22.35                       | 22.11                     |                        |
| Channel         |            |         |           | 371500                   | 376500                      | 381500                    | 22.6                   |
| Frequency (MHz) |            |         |           | 1857.5                   | 1882.5                      | 1907.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.23                    | 22.20                       | 22.15                     |                        |
| Channel         |            |         |           | 371000                   | 376500                      | 382000                    | 22.6                   |
| Frequency (MHz) |            |         |           | 1855                     | 1882.5                      | 1910                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.25                    | 22.26                       | 22.19                     |                        |
| Channel         |            |         |           | 370500                   | 376500                      | 382500                    | 22.6                   |
| Frequency (MHz) |            |         |           | 1852.5                   | 1882.5                      | 1912.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 22.18                    | 22.35                       | 22.15                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 164800                | 166300                   | 167800                 | 21.5                |
| Frequency (MHz) |            |         |           | 824                   | 831.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.83                 | 19.90                    | 19.87                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 19.81                 | 19.88                    | 19.83                  | 21.5                |
| 20              | PI/2 BPSK  | 1       | 104       | 19.72                 | 19.78                    | 19.76                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 19.72                 | 19.77                    | 19.75                  |                     |
| 20              | PI/2 BPSK  | 50      | 28        | 19.77                 | 19.85                    | 19.80                  | 21.5                |
| 20              | PI/2 BPSK  | 50      | 56        | 19.73                 | 19.79                    | 19.75                  | 21.5                |
| 20              | PI/2 BPSK  | 100     | 0         | 19.72                 | 19.78                    | 19.75                  |                     |
| 20              | QPSK       | 1       | 1         | 19.66                 | 19.72                    | 19.67                  |                     |
| 20              | QPSK       | 1       | 53        | 19.73                 | 19.81                    | 19.76                  | 21.5                |
| 20              | QPSK       | 1       | 104       | 19.61                 | 19.69                    | 19.64                  |                     |
| 20              | QPSK       | 50      | 0         | 19.73                 | 19.81                    | 19.76                  |                     |
| 20              | QPSK       | 50      | 28        | 19.73                 | 19.80                    | 19.76                  | 21.5                |
| 20              | QPSK       | 50      | 56        | 19.75                 | 19.82                    | 19.80                  | 21.5                |
| 20              | QPSK       | 100     | 0         | 19.73                 | 19.81                    | 19.78                  |                     |
| 20              | 16QAM      | 1       | 1         | 19.57                 | 19.65                    | 19.63                  |                     |
| 20              | 64QAM      | 1       | 1         | 19.82                 | 19.89                    | 19.86                  | 21.5                |
| 20              | 256QAM     | 1       | 1         | 19.66                 | 19.73                    | 19.71                  | 20.7                |
| Channel         |            |         |           | 164300                | 166300                   | 168300                 | 21.5                |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.73                 | 19.84                    | 19.81                  |                     |
| Channel         |            |         |           | 163800                | 166300                   | 168800                 | 21.5                |
| Frequency (MHz) |            |         |           | 819                   | 831.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.76                 | 19.80                    | 19.82                  |                     |
| Channel         |            |         |           | 163300                | 166300                   | 169300                 | 21.5                |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 19.73                 | 19.84                    | 19.82                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 164800                | 166300                   | 167800                 | 19.8                |
| Frequency (MHz) |            |         |           | 824                   | 831.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.39                 | 18.59                    | 18.49                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 18.45                 | 18.51                    | 18.45                  | 19.8                |
| 20              | PI/2 BPSK  | 1       | 104       | 18.30                 | 18.36                    | 18.42                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 18.33                 | 18.34                    | 18.39                  |                     |
| 20              | PI/2 BPSK  | 50      | 28        | 18.35                 | 18.46                    | 18.45                  | 19.8                |
| 20              | PI/2 BPSK  | 50      | 56        | 18.32                 | 18.38                    | 18.37                  | 19.8                |
| 20              | PI/2 BPSK  | 100     | 0         | 18.28                 | 18.42                    | 18.41                  |                     |
| 20              | QPSK       | 1       | 1         | 18.29                 | 18.38                    | 18.34                  |                     |
| 20              | QPSK       | 1       | 53        | 18.35                 | 18.44                    | 18.44                  | 19.8                |
| 20              | QPSK       | 1       | 104       | 18.19                 | 18.29                    | 18.29                  |                     |
| 20              | QPSK       | 50      | 0         | 18.36                 | 18.39                    | 18.43                  |                     |
| 20              | QPSK       | 50      | 28        | 18.31                 | 18.39                    | 18.39                  | 19.8                |
| 20              | QPSK       | 50      | 56        | 18.36                 | 18.36                    | 18.45                  | 19.8                |
| 20              | QPSK       | 100     | 0         | 18.30                 | 18.41                    | 18.40                  |                     |
| 20              | 16QAM      | 1       | 1         | 18.18                 | 18.25                    | 18.28                  |                     |
| 20              | 64QAM      | 1       | 1         | 18.43                 | 18.50                    | 18.49                  | 19.8                |
| 20              | 256QAM     | 1       | 1         | 18.28                 | 18.29                    | 18.36                  | 19.8                |
| Channel         |            |         |           | 164300                | 166300                   | 168300                 | 19.8                |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.37                 | 18.55                    | 18.47                  |                     |
| Channel         |            |         |           | 163800                | 166300                   | 168800                 | 19.8                |
| Frequency (MHz) |            |         |           | 819                   | 831.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.35                 | 18.53                    | 18.46                  |                     |
| Channel         |            |         |           | 163300                | 166300                   | 169300                 | 19.8                |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 18.37                 | 18.56                    | 18.42                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 164800                | 166300                   | 167800                 | 23.1                |
| Frequency (MHz) |            |         |           | 824                   | 831.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.97                 | 22.02                    | 21.93                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 21.90                 | 22.00                    | 21.93                  | 23.1                |
| 20              | PI/2 BPSK  | 1       | 104       | 21.97                 | 22.01                    | 21.99                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 21.84                 | 21.93                    | 21.89                  |                     |
| 20              | PI/2 BPSK  | 50      | 28        | 21.89                 | 21.99                    | 21.96                  | 23.1                |
| 20              | PI/2 BPSK  | 50      | 56        | 21.91                 | 21.98                    | 21.95                  | 23.1                |
| 20              | PI/2 BPSK  | 100     | 0         | 21.87                 | 21.97                    | 21.92                  |                     |
| 20              | QPSK       | 1       | 1         | 21.98                 | 22.00                    | 21.94                  |                     |
| 20              | QPSK       | 1       | 53        | 21.91                 | 21.96                    | 21.85                  | 23.1                |
| 20              | QPSK       | 1       | 104       | 21.96                 | 21.99                    | 21.96                  |                     |
| 20              | QPSK       | 50      | 0         | 21.97                 | 22.01                    | 21.94                  |                     |
| 20              | QPSK       | 50      | 28        | 21.93                 | 22.00                    | 21.93                  | 23.1                |
| 20              | QPSK       | 50      | 56        | 21.94                 | 21.96                    | 21.90                  | 23.1                |
| 20              | QPSK       | 100     | 0         | 21.92                 | 21.98                    | 21.88                  |                     |
| 20              | 16QAM      | 1       | 1         | 21.93                 | 21.96                    | 21.89                  |                     |
| 20              | 64QAM      | 1       | 1         | 21.91                 | 21.94                    | 21.85                  | 22.7                |
| 20              | 256QAM     | 1       | 1         | 19.92                 | 19.95                    | 19.90                  | 20.7                |
| Channel         |            |         |           | 164300                | 166300                   | 168300                 | 23.1                |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.85                 | 21.87                    | 21.90                  |                     |
| Channel         |            |         |           | 163800                | 166300                   | 168800                 | 23.1                |
| Frequency (MHz) |            |         |           | 819                   | 831.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.91                 | 21.94                    | 21.87                  |                     |
| Channel         |            |         |           | 163300                | 166300                   | 169300                 | 23.1                |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 21.93                 | 21.89                    | 21.84                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 164800                | 166300                   | 167800                 | 25.2                |
| Frequency (MHz) |            |         |           | 824                   | 831.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.61                 | 24.65                    | 24.57                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 24.60                 | 24.64                    | 24.54                  | 24.7                |
| 20              | PI/2 BPSK  | 1       | 104       | 24.57                 | 24.57                    | 24.48                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.99                 | 24.08                    | 24.00                  |                     |
| 20              | PI/2 BPSK  | 50      | 28        | 24.60                 | 24.64                    | 24.60                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 56        | 24.08                 | 24.13                    | 24.08                  |                     |
| 20              | PI/2 BPSK  | 100     | 0         | 24.02                 | 24.10                    | 24.09                  |                     |
| 20              | QPSK       | 1       | 1         | 24.49                 | 24.56                    | 24.46                  | 25.2                |
| 20              | QPSK       | 1       | 53        | 24.52                 | 24.60                    | 24.53                  |                     |
| 20              | QPSK       | 1       | 104       | 24.48                 | 24.55                    | 24.46                  |                     |
| 20              | QPSK       | 50      | 0         | 23.52                 | 23.58                    | 23.52                  | 24.2                |
| 20              | QPSK       | 50      | 28        | 24.56                 | 24.62                    | 24.59                  |                     |
| 20              | QPSK       | 50      | 56        | 23.57                 | 23.60                    | 23.55                  |                     |
| 20              | QPSK       | 100     | 0         | 23.56                 | 23.60                    | 23.59                  | 24.2                |
| 20              | 16QAM      | 1       | 1         | 23.69                 | 23.70                    | 23.69                  |                     |
| 20              | 64QAM      | 1       | 1         | 21.95                 | 21.95                    | 21.89                  |                     |
| 20              | 256QAM     | 1       | 1         | 19.97                 | 20.00                    | 19.93                  | 20.7                |
| Channel         |            |         |           | 164300                | 166300                   | 168300                 | 25.2                |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.56                 | 24.64                    | 24.56                  |                     |
| Channel         |            |         |           | 163800                | 166300                   | 168800                 | 25.2                |
| Frequency (MHz) |            |         |           | 819                   | 831.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.57                 | 24.62                    | 24.48                  |                     |
| Channel         |            |         |           | 163300                | 166300                   | 169300                 | 25.2                |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.58                 | 24.56                    | 24.49                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 164800                | 166300                   | 167800                 | 23.1                |
| Frequency (MHz) |            |         |           | 824                   | 831.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.97                 | 22.02                    | 21.93                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 21.90                 | 22.00                    | 21.93                  | 23.1                |
| 20              | PI/2 BPSK  | 1       | 104       | 21.97                 | 22.01                    | 21.99                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 21.84                 | 21.93                    | 21.89                  |                     |
| 20              | PI/2 BPSK  | 50      | 28        | 21.89                 | 21.99                    | 21.96                  | 23.1                |
| 20              | PI/2 BPSK  | 50      | 56        | 21.91                 | 21.98                    | 21.95                  | 23.1                |
| 20              | PI/2 BPSK  | 100     | 0         | 21.87                 | 21.97                    | 21.92                  |                     |
| 20              | QPSK       | 1       | 1         | 21.98                 | 22.00                    | 21.94                  |                     |
| 20              | QPSK       | 1       | 53        | 21.91                 | 21.96                    | 21.85                  | 23.1                |
| 20              | QPSK       | 1       | 104       | 21.96                 | 21.99                    | 21.96                  |                     |
| 20              | QPSK       | 50      | 0         | 21.97                 | 22.01                    | 21.94                  |                     |
| 20              | QPSK       | 50      | 28        | 21.93                 | 22.00                    | 21.93                  | 23.1                |
| 20              | QPSK       | 50      | 56        | 21.94                 | 21.96                    | 21.90                  | 23.1                |
| 20              | QPSK       | 100     | 0         | 21.92                 | 21.98                    | 21.88                  |                     |
| 20              | 16QAM      | 1       | 1         | 21.93                 | 21.96                    | 21.89                  |                     |
| 20              | 64QAM      | 1       | 1         | 21.91                 | 21.94                    | 21.85                  | 22.7                |
| 20              | 256QAM     | 1       | 1         | 19.92                 | 19.95                    | 19.90                  | 20.7                |
| Channel         |            |         |           | 164300                | 166300                   | 168300                 | 23.1                |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.85                 | 21.87                    | 21.90                  |                     |
| Channel         |            |         |           | 163800                | 166300                   | 168800                 | 23.1                |
| Frequency (MHz) |            |         |           | 819                   | 831.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.91                 | 21.94                    | 21.87                  |                     |
| Channel         |            |         |           | 163300                | 166300                   | 169300                 | 23.1                |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 21.93                 | 21.89                    | 21.84                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 462000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 2310                     |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 24.33                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 24.30                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 24.02                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 21.87                    |                        | 23.2                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 24.19                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 21.63                    |                        | 23.2                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 21.77                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 24.19                    |                        | 25.2                |
| 10              | QPSK       | 1       | 26        |                       | 24.08                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 24.09                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 20.76                    |                        | 22.7                |
| 10              | QPSK       | 25      | 14        |                       | 24.15                    |                        | 25.2                |
| 10              | QPSK       | 25      | 27        |                       | 20.71                    |                        | 22.7                |
| 10              | QPSK       | 50      | 0         |                       | 20.75                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 23.33                    |                        | 24.2                |
| 10              | 64QAM      | 1       | 1         |                       | 21.82                    |                        | 22.7                |
| 10              | 256QAM     | 1       | 1         |                       | 19.75                    |                        | 20.7                |
| Channel         |            |         |           | 461500                | 462000                   | 462500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310                     | 2312.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.30                    | 24.24                  | 25.2                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 462000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 2310                     |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 24.33                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 24.30                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 24.02                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 21.87                    |                        | 23.2                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 24.19                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 21.63                    |                        | 23.2                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 21.77                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 24.19                    |                        | 25.2                |
| 10              | QPSK       | 1       | 26        |                       | 24.08                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 24.09                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 20.76                    |                        | 22.7                |
| 10              | QPSK       | 25      | 14        |                       | 24.15                    |                        | 25.2                |
| 10              | QPSK       | 25      | 27        |                       | 20.71                    |                        | 22.7                |
| 10              | QPSK       | 50      | 0         |                       | 20.75                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 23.33                    |                        | 24.2                |
| 10              | 64QAM      | 1       | 1         |                       | 21.82                    |                        | 22.7                |
| 10              | 256QAM     | 1       | 1         |                       | 19.75                    |                        | 20.7                |
| Channel         |            |         |           | 461500                | 462000                   | 462500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310                     | 2312.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.30                    | 24.24                  | 25.2                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 462000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 2310                     |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 22.91                    |                        | 24.0                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 22.89                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 22.73                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 21.63                    |                        | 23.2                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 22.71                    |                        | 24.0                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 21.52                    |                        | 23.2                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 21.55                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 22.86                    |                        | 24.0                |
| 10              | QPSK       | 1       | 26        |                       | 22.83                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 22.69                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 20.72                    |                        | 22.7                |
| 10              | QPSK       | 25      | 14        |                       | 22.70                    |                        | 24.0                |
| 10              | QPSK       | 25      | 27        |                       | 20.70                    |                        | 22.7                |
| 10              | QPSK       | 50      | 0         |                       | 20.71                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 22.70                    |                        | 24.0                |
| 10              | 64QAM      | 1       | 1         |                       | 21.42                    |                        | 22.7                |
| 10              | 256QAM     | 1       | 1         |                       | 19.69                    |                        | 20.7                |
| Channel         |            |         |           | 461500                | 462000                   | 462500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310                     | 2312.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 22.88                 | 22.85                    | 22.86                  | 24.0                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 462000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 2310                     |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 24.33                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 24.30                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 24.02                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 21.87                    |                        | 23.2                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 24.19                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 21.63                    |                        | 23.2                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 21.77                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 24.19                    |                        | 25.2                |
| 10              | QPSK       | 1       | 26        |                       | 24.08                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 24.09                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 20.76                    |                        | 22.7                |
| 10              | QPSK       | 25      | 14        |                       | 24.15                    |                        | 25.2                |
| 10              | QPSK       | 25      | 27        |                       | 20.71                    |                        | 22.7                |
| 10              | QPSK       | 50      | 0         |                       | 20.75                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 23.33                    |                        | 24.2                |
| 10              | 64QAM      | 1       | 1         |                       | 21.82                    |                        | 22.7                |
| 10              | 256QAM     | 1       | 1         |                       | 19.75                    |                        | 20.7                |
| Channel         |            |         |           | 461500                | 462000                   | 462500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310                     | 2312.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.30                    | 24.24                  | 25.2                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 462000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 2310                     |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 22.91                    |                        | 24.0                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 22.89                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 22.73                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 21.63                    |                        | 23.2                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 22.71                    |                        | 24.0                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 21.52                    |                        | 23.2                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 21.55                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 22.86                    |                        | 24.0                |
| 10              | QPSK       | 1       | 26        |                       | 22.83                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 22.69                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 20.72                    |                        | 22.7                |
| 10              | QPSK       | 25      | 14        |                       | 22.70                    |                        | 24.0                |
| 10              | QPSK       | 25      | 27        |                       | 20.70                    |                        | 22.7                |
| 10              | QPSK       | 50      | 0         |                       | 20.71                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 22.70                    |                        | 24.0                |
| 10              | 64QAM      | 1       | 1         |                       | 21.42                    |                        | 22.7                |
| 10              | 256QAM     | 1       | 1         |                       | 19.69                    |                        | 20.7                |
| Channel         |            |         |           | 461500                | 462000                   | 462500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310                     | 2312.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 22.88                 | 22.85                    | 22.86                  | 24.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 516000                   | 519000                      | 522000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2580                     | 2595                        | 2610                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.62                    | 24.68                       | 24.65                     | 25.2                   |
| 20              | PI/2 BPSK  | 1       | 26        | 24.52                    | 24.65                       | 24.47                     |                        |
| 20              | PI/2 BPSK  | 1       | 49        | 24.45                    | 24.62                       | 24.42                     |                        |
| 20              | PI/2 BPSK  | 25      | 0         | 24.00                    | 24.17                       | 24.04                     | 24.7                   |
| 20              | PI/2 BPSK  | 25      | 13        | 24.47                    | 24.64                       | 24.48                     | 25.2                   |
| 20              | PI/2 BPSK  | 25      | 26        | 23.95                    | 24.11                       | 23.98                     | 24.7                   |
| 20              | PI/2 BPSK  | 50      | 0         | 24.00                    | 24.16                       | 24.06                     |                        |
| 20              | QPSK       | 1       | 1         | 24.53                    | 24.67                       | 24.51                     | 25.2                   |
| 20              | QPSK       | 1       | 26        | 24.48                    | 24.62                       | 24.50                     |                        |
| 20              | QPSK       | 1       | 49        | 24.42                    | 24.61                       | 24.41                     |                        |
| 20              | QPSK       | 25      | 0         | 23.51                    | 23.66                       | 23.50                     | 24.2                   |
| 20              | QPSK       | 25      | 13        | 24.50                    | 24.65                       | 24.49                     | 25.2                   |
| 20              | QPSK       | 25      | 26        | 23.49                    | 23.62                       | 23.43                     | 24.2                   |
| 20              | QPSK       | 50      | 0         | 23.51                    | 23.65                       | 23.47                     |                        |
| 20              | 16QAM      | 1       | 1         | 23.55                    | 23.71                       | 23.59                     | 24.2                   |
| 20              | 64QAM      | 1       | 1         | 21.98                    | 22.14                       | 21.97                     | 22.7                   |
| 20              | 256QAM     | 1       | 1         | 20.01                    | 20.16                       | 20.00                     | 20.7                   |
| Channel         |            |         |           | 515500                   | 519000                      | 522500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2577.5                   | 2595                        | 2612.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.43                    | 24.51                       | 24.53                     | 25.2                   |
| Channel         |            |         |           | 515000                   | 519000                      | 523000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2575                     | 2595                        | 2615                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.51                    | 24.53                       | 24.55                     | 25.2                   |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 516000                   | 519000                      | 522000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2580                     | 2595                        | 2610                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.62                    | 24.68                       | 24.65                     | 25.2                   |
| 20              | PI/2 BPSK  | 1       | 26        | 24.52                    | 24.65                       | 24.47                     |                        |
| 20              | PI/2 BPSK  | 1       | 49        | 24.45                    | 24.62                       | 24.42                     |                        |
| 20              | PI/2 BPSK  | 25      | 0         | 24.00                    | 24.17                       | 24.04                     | 24.7                   |
| 20              | PI/2 BPSK  | 25      | 13        | 24.47                    | 24.64                       | 24.48                     | 25.2                   |
| 20              | PI/2 BPSK  | 25      | 26        | 23.95                    | 24.11                       | 23.98                     | 24.7                   |
| 20              | PI/2 BPSK  | 50      | 0         | 24.00                    | 24.16                       | 24.06                     |                        |
| 20              | QPSK       | 1       | 1         | 24.53                    | 24.67                       | 24.51                     | 25.2                   |
| 20              | QPSK       | 1       | 26        | 24.48                    | 24.62                       | 24.50                     |                        |
| 20              | QPSK       | 1       | 49        | 24.42                    | 24.61                       | 24.41                     |                        |
| 20              | QPSK       | 25      | 0         | 23.51                    | 23.66                       | 23.50                     | 24.2                   |
| 20              | QPSK       | 25      | 13        | 24.50                    | 24.65                       | 24.49                     | 25.2                   |
| 20              | QPSK       | 25      | 26        | 23.49                    | 23.62                       | 23.43                     | 24.2                   |
| 20              | QPSK       | 50      | 0         | 23.51                    | 23.65                       | 23.47                     |                        |
| 20              | 16QAM      | 1       | 1         | 23.55                    | 23.71                       | 23.59                     | 24.2                   |
| 20              | 64QAM      | 1       | 1         | 21.98                    | 22.14                       | 21.97                     | 22.7                   |
| 20              | 256QAM     | 1       | 1         | 20.01                    | 20.16                       | 20.00                     | 20.7                   |
| Channel         |            |         |           | 515500                   | 519000                      | 522500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2577.5                   | 2595                        | 2612.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.43                    | 24.51                       | 24.53                     | 25.2                   |
| Channel         |            |         |           | 515000                   | 519000                      | 523000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2575                     | 2595                        | 2615                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.51                    | 24.53                       | 24.55                     | 25.2                   |

**<FR1 n38\_Ant 0\_Index 4>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.81                 | 20.87                    | 20.84                  | 21.9                |
| 20              | PI/2 BPSK  | 1       | 26        | 20.78                 | 20.83                    | 20.74                  |                     |
| 20              | PI/2 BPSK  | 1       | 49        | 20.80                 | 20.85                    | 20.83                  |                     |
| 20              | PI/2 BPSK  | 25      | 0         | 20.81                 | 20.84                    | 20.79                  | 21.9                |
| 20              | PI/2 BPSK  | 25      | 13        | 20.82                 | 20.85                    | 20.84                  | 21.9                |
| 20              | PI/2 BPSK  | 25      | 26        | 20.75                 | 20.82                    | 20.81                  | 21.9                |
| 20              | PI/2 BPSK  | 50      | 0         | 20.86                 | 20.86                    | 20.79                  |                     |
| 20              | QPSK       | 1       | 1         | 20.80                 | 20.86                    | 20.86                  | 21.9                |
| 20              | QPSK       | 1       | 26        | 20.83                 | 20.84                    | 20.74                  |                     |
| 20              | QPSK       | 1       | 49        | 20.85                 | 20.85                    | 20.80                  |                     |
| 20              | QPSK       | 25      | 0         | 20.77                 | 20.82                    | 20.78                  | 21.9                |
| 20              | QPSK       | 25      | 13        | 20.69                 | 20.76                    | 20.70                  | 21.9                |
| 20              | QPSK       | 25      | 26        | 20.71                 | 20.74                    | 20.65                  | 21.9                |
| 20              | QPSK       | 50      | 0         | 20.73                 | 20.78                    | 20.77                  |                     |
| 20              | 16QAM      | 1       | 1         | 20.86                 | 20.86                    | 20.78                  | 21.9                |
| 20              | 64QAM      | 1       | 1         | 20.79                 | 20.81                    | 20.71                  | 21.9                |
| 20              | 256QAM     | 1       | 1         | 20.11                 | 20.14                    | 20.03                  | 20.7                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.69                 | 20.79                    | 20.82                  | 21.9                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.68                 | 20.72                    | 20.76                  | 21.9                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.01                 | 23.04                    | 22.95                  | 24.4                |
| 20              | PI/2 BPSK  | 1       | 26        | 22.86                 | 22.92                    | 22.80                  |                     |
| 20              | PI/2 BPSK  | 1       | 49        | 22.90                 | 22.98                    | 22.89                  |                     |
| 20              | PI/2 BPSK  | 25      | 0         | 22.85                 | 22.82                    | 22.84                  | 24.4                |
| 20              | PI/2 BPSK  | 25      | 13        | 22.92                 | 22.92                    | 22.91                  | 24.4                |
| 20              | PI/2 BPSK  | 25      | 26        | 22.90                 | 22.80                    | 22.87                  | 24.4                |
| 20              | PI/2 BPSK  | 50      | 0         | 22.96                 | 22.84                    | 22.92                  |                     |
| 20              | QPSK       | 1       | 1         | 22.89                 | 22.96                    | 23.00                  | 24.4                |
| 20              | QPSK       | 1       | 26        | 22.94                 | 22.84                    | 22.95                  |                     |
| 20              | QPSK       | 1       | 49        | 22.94                 | 22.97                    | 22.85                  |                     |
| 20              | QPSK       | 25      | 0         | 22.88                 | 22.91                    | 22.99                  | 24.2                |
| 20              | QPSK       | 25      | 13        | 22.98                 | 22.85                    | 22.91                  | 24.4                |
| 20              | QPSK       | 25      | 26        | 22.92                 | 22.81                    | 22.92                  | 24.2                |
| 20              | QPSK       | 50      | 0         | 22.80                 | 22.83                    | 22.92                  |                     |
| 20              | 16QAM      | 1       | 1         | 22.95                 | 22.99                    | 22.89                  | 24.2                |
| 20              | 64QAM      | 1       | 1         | 22.07                 | 22.11                    | 21.97                  | 22.7                |
| 20              | 256QAM     | 1       | 1         | 20.11                 | 20.14                    | 20.03                  | 20.7                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.93                 | 22.95                    | 22.86                  | 24.4                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.94                 | 22.94                    | 22.85                  | 24.4                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.81                 | 20.87                    | 20.84                  | 21.9                |
| 20              | PI/2 BPSK  | 1       | 26        | 20.78                 | 20.83                    | 20.74                  |                     |
| 20              | PI/2 BPSK  | 1       | 49        | 20.80                 | 20.85                    | 20.83                  |                     |
| 20              | PI/2 BPSK  | 25      | 0         | 20.81                 | 20.84                    | 20.79                  | 21.9                |
| 20              | PI/2 BPSK  | 25      | 13        | 20.82                 | 20.85                    | 20.84                  | 21.9                |
| 20              | PI/2 BPSK  | 25      | 26        | 20.75                 | 20.82                    | 20.81                  | 21.9                |
| 20              | PI/2 BPSK  | 50      | 0         | 20.86                 | 20.86                    | 20.79                  |                     |
| 20              | QPSK       | 1       | 1         | 20.80                 | 20.86                    | 20.86                  | 21.9                |
| 20              | QPSK       | 1       | 26        | 20.83                 | 20.84                    | 20.74                  |                     |
| 20              | QPSK       | 1       | 49        | 20.85                 | 20.85                    | 20.80                  |                     |
| 20              | QPSK       | 25      | 0         | 20.77                 | 20.82                    | 20.78                  | 21.9                |
| 20              | QPSK       | 25      | 13        | 20.69                 | 20.76                    | 20.70                  | 21.9                |
| 20              | QPSK       | 25      | 26        | 20.71                 | 20.74                    | 20.65                  | 21.9                |
| 20              | QPSK       | 50      | 0         | 20.73                 | 20.78                    | 20.77                  |                     |
| 20              | 16QAM      | 1       | 1         | 20.86                 | 20.86                    | 20.78                  | 21.9                |
| 20              | 64QAM      | 1       | 1         | 20.79                 | 20.81                    | 20.71                  | 21.9                |
| 20              | 256QAM     | 1       | 1         | 20.11                 | 20.14                    | 20.03                  | 20.7                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.69                 | 20.79                    | 20.82                  | 21.9                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.68                 | 20.72                    | 20.76                  | 21.9                |



<FR1 n41\_Ant 0\_Index 2>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 | 25.2                |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 24.75                 | 24.80                    | 24.61                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 24.30                 | 24.44                    | 24.27                  | 24.7                |
| 100             | PI/2 BPSK  | 1       | 271       | 24.31                 | 24.50                    | 24.34                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 23.87                 | 24.04                    | 23.90                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 24.29                 | 24.44                    | 24.29                  | 25.2                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.71                 | 23.91                    | 23.81                  |                     |
| 100             | PI/2 BPSK  | 270     | 0         | 23.76                 | 23.94                    | 23.76                  |                     |
| 100             | QPSK       | 1       | 1         | 24.68                 | 24.78                    | 24.60                  | 24.2                |
| 100             | QPSK       | 1       | 137       | 24.22                 | 24.40                    | 24.22                  |                     |
| 100             | QPSK       | 1       | 271       | 24.38                 | 24.50                    | 24.31                  |                     |
| 100             | QPSK       | 135     | 0         | 23.40                 | 23.54                    | 23.36                  | 25.2                |
| 100             | QPSK       | 135     | 69        | 24.31                 | 24.43                    | 24.30                  |                     |
| 100             | QPSK       | 135     | 138       | 23.22                 | 23.40                    | 23.28                  |                     |
| 100             | QPSK       | 270     | 0         | 23.30                 | 23.43                    | 23.30                  | 24.2                |
| 100             | 16QAM      | 1       | 1         | 23.64                 | 23.79                    | 23.61                  |                     |
| 100             | 64QAM      | 1       | 1         | 22.12                 | 22.25                    | 22.07                  |                     |
| 100             | 256QAM     | 1       | 1         | 20.14                 | 20.28                    | 20.14                  | 20.7                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | 25.2                |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.62                 | 24.71                    | 24.61                  |                     |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | 25.2                |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.63                 | 24.69                    | 24.62                  |                     |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | 25.2                |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.66                 | 24.71                    | 24.63                  |                     |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | 25.2                |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.52                 | 24.67                    | 24.58                  |                     |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | 25.2                |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.52                 | 24.58                    | 24.53                  |                     |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | 25.2                |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.55                 | 24.57                    | 24.55                  |                     |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | 25.2                |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.51                 | 24.57                    | 24.50                  |                     |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | 25.2                |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.41                 | 24.46                    | 24.44                  |                     |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | 25.2                |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.42                 | 24.46                    | 24.46                  |                     |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | 25.2                |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.43                 | 24.45                    | 24.40                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 16.6                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 15.14                    | 15.21                       | 15.12                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 15.50                    | 15.56                       | 15.47                     | 16.6                   |
| 100             | PI/2 BPSK  | 1       | 271       | 14.86                    | 14.94                       | 14.88                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 14.60                    | 14.69                       | 14.61                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 14.62                    | 14.70                       | 14.61                     | 16.6                   |
| 100             | PI/2 BPSK  | 135     | 138       | 14.60                    | 14.69                       | 14.60                     | 16.6                   |
| 100             | PI/2 BPSK  | 270     | 0         | 14.64                    | 14.72                       | 14.63                     |                        |
| 100             | QPSK       | 1       | 1         | 15.16                    | 15.13                       | 15.13                     |                        |
| 100             | QPSK       | 1       | 137       | 15.47                    | 15.50                       | 15.47                     | 16.6                   |
| 100             | QPSK       | 1       | 271       | 14.86                    | 14.86                       | 14.88                     |                        |
| 100             | QPSK       | 135     | 0         | 14.63                    | 14.63                       | 14.64                     |                        |
| 100             | QPSK       | 135     | 69        | 14.62                    | 14.60                       | 14.60                     | 16.6                   |
| 100             | QPSK       | 135     | 138       | 14.60                    | 14.60                       | 14.62                     | 16.6                   |
| 100             | QPSK       | 270     | 0         | 14.67                    | 14.66                       | 14.63                     |                        |
| 100             | 16QAM      | 1       | 1         | 15.08                    | 15.18                       | 15.10                     |                        |
| 100             | 64QAM      | 1       | 1         | 15.12                    | 15.20                       | 15.12                     | 16.6                   |
| 100             | 256QAM     | 1       | 1         | 15.10                    | 15.19                       | 15.13                     | 16.6                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 16.6                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 14.94                    | 15.05                       | 14.97                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 16.6                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 14.94                    | 15.09                       | 14.98                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 16.6                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 14.98                    | 15.07                       | 14.96                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 16.6                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 15.00                    | 15.05                       | 14.97                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 16.6                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 14.98                    | 15.01                       | 14.96                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 16.6                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 14.96                    | 15.10                       | 14.97                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 16.6                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 14.98                    | 15.06                       | 14.95                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 16.6                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 15.01                    | 15.11                       | 14.94                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 16.6                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 14.94                    | 15.03                       | 14.95                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 16.6                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 14.96                    | 15.06                       | 14.94                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 25.2                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 24.75                    | 24.80                       | 24.61                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 24.30                    | 24.44                       | 24.27                     | 24.7                   |
| 100             | PI/2 BPSK  | 1       | 271       | 24.31                    | 24.50                       | 24.34                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 23.87                    | 24.04                       | 23.90                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 24.29                    | 24.44                       | 24.29                     | 25.2                   |
| 100             | PI/2 BPSK  | 135     | 138       | 23.71                    | 23.91                       | 23.81                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 23.76                    | 23.94                       | 23.76                     |                        |
| 100             | QPSK       | 1       | 1         | 24.68                    | 24.78                       | 24.60                     | 24.2                   |
| 100             | QPSK       | 1       | 137       | 24.22                    | 24.40                       | 24.22                     |                        |
| 100             | QPSK       | 1       | 271       | 24.38                    | 24.50                       | 24.31                     |                        |
| 100             | QPSK       | 135     | 0         | 23.40                    | 23.54                       | 23.36                     | 25.2                   |
| 100             | QPSK       | 135     | 69        | 24.31                    | 24.43                       | 24.30                     |                        |
| 100             | QPSK       | 135     | 138       | 23.22                    | 23.40                       | 23.28                     |                        |
| 100             | QPSK       | 270     | 0         | 23.30                    | 23.43                       | 23.30                     | 24.2                   |
| 100             | 16QAM      | 1       | 1         | 23.64                    | 23.79                       | 23.61                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.12                    | 22.25                       | 22.07                     |                        |
| 100             | 256QAM     | 1       | 1         | 20.14                    | 20.28                       | 20.14                     | 20.7                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 25.2                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 24.62                    | 24.71                       | 24.61                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 25.2                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 24.63                    | 24.69                       | 24.62                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 25.2                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 24.66                    | 24.71                       | 24.63                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 25.2                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 24.52                    | 24.67                       | 24.58                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 25.2                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 24.52                    | 24.58                       | 24.53                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 25.2                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.55                    | 24.57                       | 24.55                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 25.2                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.51                    | 24.57                       | 24.50                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 25.2                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.41                    | 24.46                       | 24.44                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 25.2                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.42                    | 24.46                       | 24.46                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 25.2                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.43                    | 24.45                       | 24.40                     |                        |



&lt;FR1 n41\_Ant 5\_Index 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 15.6                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 15.14                    | 15.21                       | 15.12                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 15.50                    | 15.56                       | 15.47                     | 15.6                   |
| 100             | PI/2 BPSK  | 1       | 271       | 14.86                    | 14.94                       | 14.88                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 14.60                    | 14.69                       | 14.61                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 14.62                    | 14.70                       | 14.61                     | 15.6                   |
| 100             | PI/2 BPSK  | 135     | 138       | 14.60                    | 14.69                       | 14.60                     | 15.6                   |
| 100             | PI/2 BPSK  | 270     | 0         | 14.64                    | 14.72                       | 14.63                     |                        |
| 100             | QPSK       | 1       | 1         | 15.16                    | 15.13                       | 15.13                     |                        |
| 100             | QPSK       | 1       | 137       | 15.47                    | 15.50                       | 15.47                     | 15.6                   |
| 100             | QPSK       | 1       | 271       | 14.86                    | 14.86                       | 14.88                     |                        |
| 100             | QPSK       | 135     | 0         | 14.63                    | 14.63                       | 14.64                     |                        |
| 100             | QPSK       | 135     | 69        | 14.62                    | 14.60                       | 14.60                     | 15.6                   |
| 100             | QPSK       | 135     | 138       | 14.60                    | 14.60                       | 14.62                     | 15.6                   |
| 100             | QPSK       | 270     | 0         | 14.67                    | 14.66                       | 14.63                     |                        |
| 100             | 16QAM      | 1       | 1         | 15.08                    | 15.18                       | 15.10                     |                        |
| 100             | 64QAM      | 1       | 1         | 15.12                    | 15.20                       | 15.12                     | 15.6                   |
| 100             | 256QAM     | 1       | 1         | 15.10                    | 15.19                       | 15.13                     | 15.6                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 15.6                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 14.94                    | 15.05                       | 14.97                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 15.6                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 14.94                    | 15.09                       | 14.98                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 15.6                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 14.98                    | 15.07                       | 14.96                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 15.6                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 15.00                    | 15.05                       | 14.97                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 15.6                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 14.98                    | 15.01                       | 14.96                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 15.6                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 14.96                    | 15.10                       | 14.97                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 15.6                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 14.98                    | 15.06                       | 14.95                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 15.6                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 15.01                    | 15.11                       | 14.94                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 15.6                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 14.94                    | 15.03                       | 14.95                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 15.6                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 14.96                    | 15.06                       | 14.94                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 | 21.9                |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 21.12                 | 21.13                    | 21.09                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 20.80                 | 20.82                    | 20.79                  | 21.9                |
| 100             | PI/2 BPSK  | 1       | 271       | 20.93                 | 20.95                    | 20.86                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 20.79                 | 20.87                    | 20.86                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 20.73                 | 20.79                    | 20.75                  | 21.9                |
| 100             | PI/2 BPSK  | 135     | 138       | 20.75                 | 20.79                    | 20.75                  |                     |
| 100             | PI/2 BPSK  | 270     | 0         | 20.75                 | 20.80                    | 20.72                  |                     |
| 100             | QPSK       | 1       | 1         | 21.09                 | 21.11                    | 21.01                  | 21.9                |
| 100             | QPSK       | 1       | 137       | 20.64                 | 20.72                    | 20.65                  |                     |
| 100             | QPSK       | 1       | 271       | 20.90                 | 20.92                    | 20.88                  |                     |
| 100             | QPSK       | 135     | 0         | 20.78                 | 20.83                    | 20.78                  | 21.9                |
| 100             | QPSK       | 135     | 69        | 20.68                 | 20.76                    | 20.69                  |                     |
| 100             | QPSK       | 135     | 138       | 20.69                 | 20.72                    | 20.66                  |                     |
| 100             | QPSK       | 270     | 0         | 20.77                 | 20.79                    | 20.78                  | 21.9                |
| 100             | 16QAM      | 1       | 1         | 21.09                 | 21.12                    | 21.05                  |                     |
| 100             | 64QAM      | 1       | 1         | 20.99                 | 21.07                    | 21.04                  |                     |
| 100             | 256QAM     | 1       | 1         | 20.16                 | 20.25                    | 20.09                  | 20.7                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | 21.9                |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.05                 | 21.05                    | 21.03                  |                     |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | 21.9                |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.03                 | 21.04                    | 20.95                  |                     |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | 21.9                |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.99                 | 20.98                    | 20.98                  |                     |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | 21.9                |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.03                 | 21.07                    | 20.94                  |                     |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | 21.9                |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.00                 | 20.99                    | 20.95                  |                     |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | 21.9                |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.05                 | 21.06                    | 21.01                  |                     |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | 21.9                |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.98                 | 21.02                    | 20.94                  |                     |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | 21.9                |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.03                 | 21.03                    | 20.95                  |                     |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | 21.9                |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.04                 | 21.05                    | 20.95                  |                     |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | 21.9                |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.06                 | 21.05                    | 20.99                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 19.13                 | 19.14                    | 19.12                  | 19.7                |
| 100             | PI/2 BPSK  | 1       | 137       | 18.47                 | 18.53                    | 18.46                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 18.93                 | 18.93                    | 18.93                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 18.55                 | 18.58                    | 18.57                  | 19.7                |
| 100             | PI/2 BPSK  | 135     | 69        | 18.50                 | 18.59                    | 18.50                  | 19.7                |
| 100             | PI/2 BPSK  | 135     | 138       | 18.57                 | 18.56                    | 18.52                  | 19.7                |
| 100             | PI/2 BPSK  | 270     | 0         | 18.57                 | 18.65                    | 18.56                  |                     |
| 100             | QPSK       | 1       | 1         | 19.05                 | 19.09                    | 19.07                  | 19.7                |
| 100             | QPSK       | 1       | 137       | 18.45                 | 18.52                    | 18.52                  |                     |
| 100             | QPSK       | 1       | 271       | 18.88                 | 18.94                    | 18.90                  |                     |
| 100             | QPSK       | 135     | 0         | 18.62                 | 18.65                    | 18.55                  | 19.7                |
| 100             | QPSK       | 135     | 69        | 18.50                 | 18.56                    | 18.46                  | 19.7                |
| 100             | QPSK       | 135     | 138       | 18.54                 | 18.61                    | 18.55                  | 19.7                |
| 100             | QPSK       | 270     | 0         | 18.56                 | 18.65                    | 18.58                  |                     |
| 100             | 16QAM      | 1       | 1         | 19.02                 | 19.11                    | 19.08                  | 19.7                |
| 100             | 64QAM      | 1       | 1         | 19.03                 | 19.04                    | 18.97                  | 19.7                |
| 100             | 256QAM     | 1       | 1         | 19.00                 | 19.06                    | 19.05                  | 19.7                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.02                 | 19.04                    | 19.06                  | 19.7                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.02                 | 19.02                    | 19.03                  | 19.7                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.03                 | 19.10                    | 19.09                  | 19.7                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.01                 | 19.06                    | 19.08                  | 19.7                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.05                 | 19.12                    | 19.01                  | 19.7                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.09                 | 19.04                    | 19.03                  | 19.7                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.04                 | 19.03                    | 19.08                  | 19.7                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.06                 | 19.09                    | 19.10                  | 19.7                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.10                 | 19.06                    | 19.10                  | 19.7                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.01                 | 19.12                    | 19.04                  | 19.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 | 24.4                |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 22.65                 | 22.70                    | 22.58                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 22.50                 | 22.58                    | 22.44                  | 24.4                |
| 100             | PI/2 BPSK  | 1       | 271       | 22.42                 | 22.50                    | 22.42                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 22.44                 | 22.49                    | 22.44                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 22.49                 | 22.50                    | 22.42                  | 24.4                |
| 100             | PI/2 BPSK  | 135     | 138       | 22.49                 | 22.44                    | 22.48                  |                     |
| 100             | PI/2 BPSK  | 270     | 0         | 22.68                 | 22.58                    | 22.64                  |                     |
| 100             | QPSK       | 1       | 1         | 22.59                 | 22.69                    | 22.56                  | 24.4                |
| 100             | QPSK       | 1       | 137       | 22.50                 | 22.59                    | 22.47                  |                     |
| 100             | QPSK       | 1       | 271       | 22.43                 | 22.50                    | 22.53                  |                     |
| 100             | QPSK       | 135     | 0         | 22.78                 | 22.87                    | 22.71                  | 24.2                |
| 100             | QPSK       | 135     | 69        | 22.51                 | 22.58                    | 22.42                  | 24.4                |
| 100             | QPSK       | 135     | 138       | 22.65                 | 22.75                    | 22.59                  | 24.2                |
| 100             | QPSK       | 270     | 0         | 22.27                 | 22.37                    | 22.20                  |                     |
| 100             | 16QAM      | 1       | 1         | 22.55                 | 22.65                    | 22.48                  |                     |
| 100             | 64QAM      | 1       | 1         | 22.18                 | 22.25                    | 22.10                  | 22.7                |
| 100             | 256QAM     | 1       | 1         | 20.16                 | 20.25                    | 20.09                  | 20.7                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | 24.4                |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.60                 | 22.60                    | 22.50                  |                     |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | 24.4                |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.57                 | 22.65                    | 22.53                  |                     |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | 24.4                |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.56                 | 22.61                    | 22.48                  |                     |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | 24.4                |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.55                 | 22.65                    | 22.50                  |                     |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | 24.4                |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.55                 | 22.60                    | 22.53                  |                     |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | 24.4                |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.58                 | 22.65                    | 22.50                  |                     |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | 24.4                |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.60                 | 22.65                    | 22.51                  |                     |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | 24.4                |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.56                 | 22.64                    | 22.52                  |                     |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | 24.4                |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.59                 | 22.64                    | 22.51                  |                     |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | 24.4                |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.58                 | 22.64                    | 22.51                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 | 22.1                |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 21.15                 | 21.26                    | 21.13                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 20.59                 | 20.72                    | 20.60                  | 22.1                |
| 100             | PI/2 BPSK  | 1       | 271       | 21.00                 | 21.09                    | 20.97                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 20.60                 | 20.71                    | 20.63                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 20.65                 | 20.74                    | 20.62                  | 22.1                |
| 100             | PI/2 BPSK  | 135     | 138       | 20.66                 | 20.71                    | 20.62                  |                     |
| 100             | PI/2 BPSK  | 270     | 0         | 20.77                 | 20.87                    | 20.78                  |                     |
| 100             | QPSK       | 1       | 1         | 21.13                 | 21.24                    | 21.17                  | 22.1                |
| 100             | QPSK       | 1       | 137       | 20.50                 | 20.64                    | 20.58                  |                     |
| 100             | QPSK       | 1       | 271       | 20.90                 | 20.97                    | 20.90                  |                     |
| 100             | QPSK       | 135     | 0         | 20.63                 | 20.68                    | 20.59                  | 22.1                |
| 100             | QPSK       | 135     | 69        | 20.58                 | 20.66                    | 20.58                  |                     |
| 100             | QPSK       | 135     | 138       | 20.53                 | 20.61                    | 20.47                  |                     |
| 100             | QPSK       | 270     | 0         | 20.70                 | 20.77                    | 20.65                  | 22.1                |
| 100             | 16QAM      | 1       | 1         | 21.07                 | 21.22                    | 21.09                  |                     |
| 100             | 64QAM      | 1       | 1         | 21.13                 | 21.18                    | 21.09                  |                     |
| 100             | 256QAM     | 1       | 1         | 20.04                 | 20.11                    | 19.96                  | 20.2                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | 22.1                |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.06                 | 21.21                    | 21.02                  |                     |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | 22.1                |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.08                 | 21.14                    | 21.07                  |                     |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | 22.1                |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.08                 | 21.15                    | 21.04                  |                     |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | 22.1                |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.03                 | 21.21                    | 21.01                  |                     |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | 22.1                |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.09                 | 21.12                    | 20.99                  |                     |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | 22.1                |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.08                 | 21.17                    | 21.06                  |                     |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | 22.1                |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.02                 | 21.18                    | 21.01                  |                     |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | 22.1                |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.06                 | 21.14                    | 21.04                  |                     |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | 22.1                |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.04                 | 21.21                    | 21.01                  |                     |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | 22.1                |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.04                 | 21.13                    | 21.05                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 21.9                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 21.12                    | 21.13                       | 21.09                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 20.80                    | 20.82                       | 20.79                     | 21.9                   |
| 100             | PI/2 BPSK  | 1       | 271       | 20.93                    | 20.95                       | 20.86                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 20.79                    | 20.87                       | 20.86                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 20.73                    | 20.79                       | 20.75                     | 21.9                   |
| 100             | PI/2 BPSK  | 135     | 138       | 20.75                    | 20.79                       | 20.75                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 20.75                    | 20.80                       | 20.72                     |                        |
| 100             | QPSK       | 1       | 1         | 21.09                    | 21.11                       | 21.01                     | 21.9                   |
| 100             | QPSK       | 1       | 137       | 20.64                    | 20.72                       | 20.65                     |                        |
| 100             | QPSK       | 1       | 271       | 20.90                    | 20.92                       | 20.88                     |                        |
| 100             | QPSK       | 135     | 0         | 20.78                    | 20.83                       | 20.78                     | 21.9                   |
| 100             | QPSK       | 135     | 69        | 20.68                    | 20.76                       | 20.69                     |                        |
| 100             | QPSK       | 135     | 138       | 20.69                    | 20.72                       | 20.66                     |                        |
| 100             | QPSK       | 270     | 0         | 20.77                    | 20.79                       | 20.78                     | 21.9                   |
| 100             | 16QAM      | 1       | 1         | 21.09                    | 21.12                       | 21.05                     |                        |
| 100             | 64QAM      | 1       | 1         | 20.99                    | 21.07                       | 21.04                     |                        |
| 100             | 256QAM     | 1       | 1         | 20.16                    | 20.25                       | 20.09                     | 20.7                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 21.9                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.05                    | 21.05                       | 21.03                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 21.9                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.03                    | 21.04                       | 20.95                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 21.9                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 20.99                    | 20.98                       | 20.98                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 21.9                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.03                    | 21.07                       | 20.94                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 21.9                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.00                    | 20.99                       | 20.95                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 21.9                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.05                    | 21.06                       | 21.01                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 21.9                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 20.98                    | 21.02                       | 20.94                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 21.9                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.03                    | 21.03                       | 20.95                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 21.9                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.04                    | 21.05                       | 20.95                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 21.9                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.06                    | 21.05                       | 20.99                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 | 19.7                |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 19.13                 | 19.14                    | 19.12                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 18.47                 | 18.53                    | 18.46                  | 19.7                |
| 100             | PI/2 BPSK  | 1       | 271       | 18.93                 | 18.93                    | 18.93                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 18.55                 | 18.58                    | 18.57                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 18.50                 | 18.59                    | 18.50                  | 19.7                |
| 100             | PI/2 BPSK  | 135     | 138       | 18.57                 | 18.56                    | 18.52                  | 19.7                |
| 100             | PI/2 BPSK  | 270     | 0         | 18.57                 | 18.65                    | 18.56                  |                     |
| 100             | QPSK       | 1       | 1         | 19.05                 | 19.09                    | 19.07                  |                     |
| 100             | QPSK       | 1       | 137       | 18.45                 | 18.52                    | 18.52                  | 19.7                |
| 100             | QPSK       | 1       | 271       | 18.88                 | 18.94                    | 18.90                  |                     |
| 100             | QPSK       | 135     | 0         | 18.62                 | 18.65                    | 18.55                  |                     |
| 100             | QPSK       | 135     | 69        | 18.50                 | 18.56                    | 18.46                  | 19.7                |
| 100             | QPSK       | 135     | 138       | 18.54                 | 18.61                    | 18.55                  | 19.7                |
| 100             | QPSK       | 270     | 0         | 18.56                 | 18.65                    | 18.58                  |                     |
| 100             | 16QAM      | 1       | 1         | 19.02                 | 19.11                    | 19.08                  |                     |
| 100             | 64QAM      | 1       | 1         | 19.03                 | 19.04                    | 18.97                  | 19.7                |
| 100             | 256QAM     | 1       | 1         | 19.00                 | 19.06                    | 19.05                  | 19.7                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | 19.7                |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.02                 | 19.04                    | 19.06                  |                     |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | 19.7                |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.02                 | 19.02                    | 19.03                  |                     |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | 19.7                |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.03                 | 19.10                    | 19.09                  |                     |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | 19.7                |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.01                 | 19.06                    | 19.08                  |                     |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | 19.7                |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.05                 | 19.12                    | 19.01                  |                     |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | 19.7                |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.09                 | 19.04                    | 19.03                  |                     |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | 19.7                |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.04                 | 19.03                    | 19.08                  |                     |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | 19.7                |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.06                 | 19.09                    | 19.10                  |                     |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | 19.7                |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.10                 | 19.06                    | 19.10                  |                     |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | 19.7                |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.01                 | 19.12                    | 19.04                  |                     |



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Report No. :FA451606B

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 | 27.0                |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 26.54                 | 26.62                    | 26.43                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 26.14                 | 26.19                    | 26.13                  | 26.5                |
| 100             | PI/2 BPSK  | 1       | 271       | 26.18                 | 26.28                    | 26.21                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 25.76                 | 25.81                    | 25.76                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 26.13                 | 26.20                    | 26.10                  | 27.0                |
| 100             | PI/2 BPSK  | 135     | 138       | 25.57                 | 25.67                    | 25.59                  |                     |
| 100             | PI/2 BPSK  | 270     | 0         | 25.62                 | 25.71                    | 25.65                  |                     |
| 100             | QPSK       | 1       | 1         | 26.48                 | 26.53                    | 26.44                  | 26.0                |
| 100             | QPSK       | 1       | 137       | 26.13                 | 26.18                    | 26.10                  |                     |
| 100             | QPSK       | 1       | 271       | 26.21                 | 26.28                    | 26.21                  |                     |
| 100             | QPSK       | 135     | 0         | 25.21                 | 25.29                    | 25.23                  | 27.0                |
| 100             | QPSK       | 135     | 69        | 26.12                 | 26.19                    | 26.12                  |                     |
| 100             | QPSK       | 135     | 138       | 25.10                 | 25.15                    | 25.09                  |                     |
| 100             | QPSK       | 270     | 0         | 25.14                 | 25.19                    | 25.10                  | 26.0                |
| 100             | 16QAM      | 1       | 1         | 25.51                 | 25.56                    | 25.49                  |                     |
| 100             | 64QAM      | 1       | 1         | 23.96                 | 24.02                    | 23.94                  |                     |
| 100             | 256QAM     | 1       | 1         | 21.98                 | 22.03                    | 21.94                  | 22.5                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | 27.0                |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 26.49                 | 26.51                    | 26.34                  |                     |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | 27.0                |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 26.46                 | 26.51                    | 26.32                  |                     |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | 27.0                |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 26.47                 | 26.50                    | 26.31                  |                     |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | 27.0                |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 26.46                 | 26.55                    | 26.37                  |                     |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | 27.0                |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 26.45                 | 26.51                    | 26.32                  |                     |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | 27.0                |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 26.49                 | 26.50                    | 26.38                  |                     |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | 27.0                |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 26.44                 | 26.53                    | 26.38                  |                     |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | 27.0                |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 26.45                 | 26.53                    | 26.38                  |                     |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | 27.0                |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 26.44                 | 26.57                    | 26.37                  |                     |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | 27.0                |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 26.30                 | 26.42                    | 26.34                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 19.6                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 18.08                    | 18.20                       | 18.12                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 17.75                    | 17.81                       | 17.75                     | 19.6                   |
| 100             | PI/2 BPSK  | 1       | 271       | 17.85                    | 17.91                       | 17.79                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 17.68                    | 17.67                       | 17.65                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 17.73                    | 17.80                       | 17.72                     | 19.6                   |
| 100             | PI/2 BPSK  | 135     | 138       | 17.64                    | 17.60                       | 17.63                     | 19.6                   |
| 100             | PI/2 BPSK  | 270     | 0         | 17.64                    | 17.75                       | 17.69                     |                        |
| 100             | QPSK       | 1       | 1         | 18.11                    | 18.11                       | 18.10                     |                        |
| 100             | QPSK       | 1       | 137       | 17.68                    | 17.73                       | 17.70                     | 19.6                   |
| 100             | QPSK       | 1       | 271       | 17.79                    | 17.84                       | 17.79                     |                        |
| 100             | QPSK       | 135     | 0         | 17.60                    | 17.64                       | 17.62                     |                        |
| 100             | QPSK       | 135     | 69        | 17.75                    | 17.72                       | 17.69                     | 19.6                   |
| 100             | QPSK       | 135     | 138       | 17.61                    | 17.61                       | 17.62                     | 19.6                   |
| 100             | QPSK       | 270     | 0         | 17.64                    | 17.67                       | 17.66                     |                        |
| 100             | 16QAM      | 1       | 1         | 17.99                    | 18.11                       | 18.00                     |                        |
| 100             | 64QAM      | 1       | 1         | 18.01                    | 18.05                       | 18.00                     | 19.6                   |
| 100             | 256QAM     | 1       | 1         | 18.01                    | 18.05                       | 17.99                     | 19.6                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 19.6                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 18.00                    | 18.06                       | 18.05                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 19.6                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 17.93                    | 18.08                       | 18.05                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 19.6                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 18.01                    | 18.10                       | 18.04                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 19.6                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 17.98                    | 18.12                       | 18.02                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 19.6                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 17.98                    | 18.08                       | 18.07                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 19.6                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 17.98                    | 18.06                       | 17.99                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 19.6                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 18.03                    | 18.08                       | 18.04                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 19.6                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 18.03                    | 18.09                       | 17.98                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 19.6                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 17.96                    | 18.13                       | 17.99                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 19.6                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 17.95                    | 18.12                       | 18.05                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 26.54                    | 26.62                       | 26.43                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 26.14                    | 26.19                       | 26.13                     | 26.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 26.18                    | 26.28                       | 26.21                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 25.76                    | 25.81                       | 25.76                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 26.13                    | 26.20                       | 26.10                     | 27.0                   |
| 100             | PI/2 BPSK  | 135     | 138       | 25.57                    | 25.67                       | 25.59                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 25.62                    | 25.71                       | 25.65                     |                        |
| 100             | QPSK       | 1       | 1         | 26.48                    | 26.53                       | 26.44                     | 26.0                   |
| 100             | QPSK       | 1       | 137       | 26.13                    | 26.18                       | 26.10                     |                        |
| 100             | QPSK       | 1       | 271       | 26.21                    | 26.28                       | 26.21                     |                        |
| 100             | QPSK       | 135     | 0         | 25.21                    | 25.29                       | 25.23                     | 27.0                   |
| 100             | QPSK       | 135     | 69        | 26.12                    | 26.19                       | 26.12                     |                        |
| 100             | QPSK       | 135     | 138       | 25.10                    | 25.15                       | 25.09                     |                        |
| 100             | QPSK       | 270     | 0         | 25.14                    | 25.19                       | 25.10                     | 26.0                   |
| 100             | 16QAM      | 1       | 1         | 25.51                    | 25.56                       | 25.49                     |                        |
| 100             | 64QAM      | 1       | 1         | 23.96                    | 24.02                       | 23.94                     |                        |
| 100             | 256QAM     | 1       | 1         | 21.98                    | 22.03                       | 21.94                     | 22.5                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 26.49                    | 26.51                       | 26.34                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 26.46                    | 26.51                       | 26.32                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 26.47                    | 26.50                       | 26.31                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 26.46                    | 26.55                       | 26.37                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 26.45                    | 26.51                       | 26.32                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 26.49                    | 26.50                       | 26.38                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 26.44                    | 26.53                       | 26.38                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 26.45                    | 26.53                       | 26.38                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 26.44                    | 26.57                       | 26.37                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 26.30                    | 26.42                       | 26.34                     |                        |



&lt;FR1 n41\_HPUE\_Ant 5\_Index 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 18.6                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 18.08                    | 18.20                       | 18.12                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 17.75                    | 17.81                       | 17.75                     | 18.6                   |
| 100             | PI/2 BPSK  | 1       | 271       | 17.85                    | 17.91                       | 17.79                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 17.68                    | 17.67                       | 17.65                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 17.73                    | 17.80                       | 17.72                     | 18.6                   |
| 100             | PI/2 BPSK  | 135     | 138       | 17.64                    | 17.60                       | 17.63                     | 18.6                   |
| 100             | PI/2 BPSK  | 270     | 0         | 17.64                    | 17.75                       | 17.69                     |                        |
| 100             | QPSK       | 1       | 1         | 18.11                    | 18.11                       | 18.10                     |                        |
| 100             | QPSK       | 1       | 137       | 17.68                    | 17.73                       | 17.70                     | 18.6                   |
| 100             | QPSK       | 1       | 271       | 17.79                    | 17.84                       | 17.79                     |                        |
| 100             | QPSK       | 135     | 0         | 17.60                    | 17.64                       | 17.62                     |                        |
| 100             | QPSK       | 135     | 69        | 17.75                    | 17.72                       | 17.69                     | 18.6                   |
| 100             | QPSK       | 135     | 138       | 17.61                    | 17.61                       | 17.62                     | 18.6                   |
| 100             | QPSK       | 270     | 0         | 17.64                    | 17.67                       | 17.66                     |                        |
| 100             | 16QAM      | 1       | 1         | 17.99                    | 18.11                       | 18.00                     |                        |
| 100             | 64QAM      | 1       | 1         | 18.01                    | 18.05                       | 18.00                     | 18.6                   |
| 100             | 256QAM     | 1       | 1         | 18.01                    | 18.05                       | 17.99                     | 18.6                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 18.6                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 18.00                    | 18.06                       | 18.05                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 18.6                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 17.93                    | 18.08                       | 18.05                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 18.6                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 18.01                    | 18.10                       | 18.04                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 18.6                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 17.98                    | 18.12                       | 18.02                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 18.6                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 17.98                    | 18.08                       | 18.07                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 18.6                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 17.98                    | 18.06                       | 17.99                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 18.6                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 18.03                    | 18.08                       | 18.04                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 18.6                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 18.03                    | 18.09                       | 17.98                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 18.6                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 17.96                    | 18.13                       | 17.99                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 18.6                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 17.95                    | 18.12                       | 18.05                     |                        |



&lt;FR1 n41\_HPUE\_Ant 0\_Index 4&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 24.9                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 24.13                    | 24.18                       | 24.17                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 23.82                    | 23.83                       | 23.78                     | 24.9                   |
| 100             | PI/2 BPSK  | 1       | 271       | 23.92                    | 23.98                       | 23.95                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 23.00                    | 23.10                       | 23.10                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 23.75                    | 23.83                       | 23.80                     | 24.9                   |
| 100             | PI/2 BPSK  | 135     | 138       | 23.77                    | 23.82                       | 23.72                     | 24.9                   |
| 100             | PI/2 BPSK  | 270     | 0         | 23.81                    | 23.83                       | 23.78                     |                        |
| 100             | QPSK       | 1       | 1         | 24.12                    | 24.12                       | 24.04                     |                        |
| 100             | QPSK       | 1       | 137       | 23.81                    | 23.84                       | 23.76                     | 24.9                   |
| 100             | QPSK       | 1       | 271       | 23.93                    | 23.99                       | 23.97                     |                        |
| 100             | QPSK       | 135     | 0         | 23.89                    | 23.92                       | 23.83                     |                        |
| 100             | QPSK       | 135     | 69        | 23.76                    | 23.83                       | 23.80                     | 24.9                   |
| 100             | QPSK       | 135     | 138       | 23.80                    | 23.83                       | 23.74                     | 24.9                   |
| 100             | QPSK       | 270     | 0         | 23.76                    | 23.84                       | 23.75                     |                        |
| 100             | 16QAM      | 1       | 1         | 24.05                    | 24.15                       | 24.15                     |                        |
| 100             | 64QAM      | 1       | 1         | 23.96                    | 24.02                       | 23.94                     | 24.5                   |
| 100             | 256QAM     | 1       | 1         | 21.98                    | 22.03                       | 21.94                     | 22.5                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 24.9                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 24.08                    | 24.08                       | 24.14                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 24.9                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 24.01                    | 24.06                       | 24.05                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 24.9                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 24.09                    | 24.15                       | 24.06                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 24.9                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 24.02                    | 24.03                       | 24.11                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 24.9                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 24.08                    | 24.05                       | 24.05                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 24.9                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.03                    | 24.03                       | 24.06                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 24.9                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 23.99                    | 24.15                       | 24.05                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 24.9                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.08                    | 24.11                       | 24.05                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 24.9                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.06                    | 24.14                       | 24.09                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 24.9                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.07                    | 24.08                       | 24.10                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 21.95                    | 22.02                       | 21.99                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 21.36                    | 21.40                       | 21.31                     | 22.7                   |
| 100             | PI/2 BPSK  | 1       | 271       | 21.77                    | 21.85                       | 21.84                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 21.46                    | 21.49                       | 21.49                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 21.38                    | 21.50                       | 21.35                     | 22.7                   |
| 100             | PI/2 BPSK  | 135     | 138       | 21.48                    | 21.48                       | 21.46                     | 22.7                   |
| 100             | PI/2 BPSK  | 270     | 0         | 21.47                    | 21.57                       | 21.47                     |                        |
| 100             | QPSK       | 1       | 1         | 22.02                    | 22.03                       | 21.99                     |                        |
| 100             | QPSK       | 1       | 137       | 21.34                    | 21.40                       | 21.34                     | 22.7                   |
| 100             | QPSK       | 1       | 271       | 21.84                    | 21.84                       | 21.84                     |                        |
| 100             | QPSK       | 135     | 0         | 21.47                    | 21.55                       | 21.55                     |                        |
| 100             | QPSK       | 135     | 69        | 21.34                    | 21.44                       | 21.39                     | 22.7                   |
| 100             | QPSK       | 135     | 138       | 21.44                    | 21.53                       | 21.46                     | 22.7                   |
| 100             | QPSK       | 270     | 0         | 21.48                    | 21.58                       | 21.52                     |                        |
| 100             | 16QAM      | 1       | 1         | 22.02                    | 22.08                       | 22.01                     |                        |
| 100             | 64QAM      | 1       | 1         | 21.98                    | 21.98                       | 21.88                     | 22.7                   |
| 100             | 256QAM     | 1       | 1         | 21.50                    | 21.60                       | 21.58                     | 22.0                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.91                    | 21.90                       | 21.96                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.86                    | 21.87                       | 21.85                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.90                    | 21.92                       | 21.87                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.89                    | 21.96                       | 21.94                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.81                    | 21.96                       | 21.87                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.87                    | 21.92                       | 21.89                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.83                    | 21.94                       | 21.85                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.84                    | 21.98                       | 21.90                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.82                    | 21.90                       | 21.95                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.86                    | 21.89                       | 21.86                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 26.54                    | 26.62                       | 26.43                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 26.14                    | 26.19                       | 26.13                     | 26.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 26.18                    | 26.28                       | 26.21                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 25.76                    | 25.81                       | 25.76                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 26.13                    | 26.20                       | 26.10                     | 27.0                   |
| 100             | PI/2 BPSK  | 135     | 138       | 25.57                    | 25.67                       | 25.59                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 25.62                    | 25.71                       | 25.65                     |                        |
| 100             | QPSK       | 1       | 1         | 26.48                    | 26.53                       | 26.44                     | 26.0                   |
| 100             | QPSK       | 1       | 137       | 26.13                    | 26.18                       | 26.10                     |                        |
| 100             | QPSK       | 1       | 271       | 26.21                    | 26.28                       | 26.21                     |                        |
| 100             | QPSK       | 135     | 0         | 25.21                    | 25.29                       | 25.23                     | 27.0                   |
| 100             | QPSK       | 135     | 69        | 26.12                    | 26.19                       | 26.12                     |                        |
| 100             | QPSK       | 135     | 138       | 25.10                    | 25.15                       | 25.09                     |                        |
| 100             | QPSK       | 270     | 0         | 25.14                    | 25.19                       | 25.10                     | 26.0                   |
| 100             | 16QAM      | 1       | 1         | 25.51                    | 25.56                       | 25.49                     |                        |
| 100             | 64QAM      | 1       | 1         | 23.96                    | 24.02                       | 23.94                     |                        |
| 100             | 256QAM     | 1       | 1         | 21.98                    | 22.03                       | 21.94                     | 22.5                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 26.49                    | 26.51                       | 26.34                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 26.46                    | 26.51                       | 26.32                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 26.47                    | 26.50                       | 26.31                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 26.46                    | 26.55                       | 26.37                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 26.45                    | 26.51                       | 26.32                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 26.49                    | 26.50                       | 26.38                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 26.44                    | 26.53                       | 26.38                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 26.45                    | 26.53                       | 26.38                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 26.44                    | 26.57                       | 26.37                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 27.0                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 26.30                    | 26.42                       | 26.34                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 25.1                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 24.11                    | 24.19                       | 24.06                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 23.66                    | 23.75                       | 23.70                     | 25.1                   |
| 100             | PI/2 BPSK  | 1       | 271       | 23.86                    | 23.98                       | 23.92                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 23.62                    | 23.70                       | 23.61                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 23.60                    | 23.71                       | 23.60                     | 25.1                   |
| 100             | PI/2 BPSK  | 135     | 138       | 23.62                    | 23.70                       | 23.62                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 23.63                    | 23.74                       | 23.68                     |                        |
| 100             | QPSK       | 1       | 1         | 23.99                    | 24.11                       | 24.03                     | 25.1                   |
| 100             | QPSK       | 1       | 137       | 23.62                    | 23.67                       | 23.56                     |                        |
| 100             | QPSK       | 1       | 271       | 23.75                    | 23.88                       | 23.82                     |                        |
| 100             | QPSK       | 135     | 0         | 23.55                    | 23.64                       | 23.53                     | 25.1                   |
| 100             | QPSK       | 135     | 69        | 23.46                    | 23.61                       | 23.56                     | 25.1                   |
| 100             | QPSK       | 135     | 138       | 23.47                    | 23.62                       | 23.49                     | 25.1                   |
| 100             | QPSK       | 270     | 0         | 23.55                    | 23.66                       | 23.52                     |                        |
| 100             | 16QAM      | 1       | 1         | 24.13                    | 24.18                       | 24.13                     |                        |
| 100             | 64QAM      | 1       | 1         | 23.56                    | 23.62                       | 23.50                     | 24.0                   |
| 100             | 256QAM     | 1       | 1         | 21.50                    | 21.60                       | 21.58                     | 22.0                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 25.1                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 24.04                    | 24.13                       | 24.04                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 25.1                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 24.02                    | 24.08                       | 24.00                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 25.1                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 23.99                    | 24.10                       | 23.98                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 25.1                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 24.07                    | 24.07                       | 24.03                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 25.1                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 24.03                    | 24.15                       | 24.01                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 25.1                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.01                    | 24.09                       | 23.95                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 25.1                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.06                    | 24.12                       | 24.01                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 25.1                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.01                    | 24.12                       | 23.95                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 25.1                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.01                    | 24.10                       | 23.98                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 25.1                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.01                    | 24.11                       | 24.04                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 | 24.9                |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.18                    | 24.17                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 23.82                 | 23.83                    | 23.78                  | 24.9                |
| 100             | PI/2 BPSK  | 1       | 271       | 23.92                 | 23.98                    | 23.95                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 23.00                 | 23.10                    | 23.10                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 23.75                 | 23.83                    | 23.80                  | 24.9                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.77                 | 23.82                    | 23.72                  | 24.9                |
| 100             | PI/2 BPSK  | 270     | 0         | 23.81                 | 23.83                    | 23.78                  |                     |
| 100             | QPSK       | 1       | 1         | 24.12                 | 24.12                    | 24.04                  |                     |
| 100             | QPSK       | 1       | 137       | 23.81                 | 23.84                    | 23.76                  | 24.9                |
| 100             | QPSK       | 1       | 271       | 23.93                 | 23.99                    | 23.97                  |                     |
| 100             | QPSK       | 135     | 0         | 23.89                 | 23.92                    | 23.83                  |                     |
| 100             | QPSK       | 135     | 69        | 23.76                 | 23.83                    | 23.80                  | 24.9                |
| 100             | QPSK       | 135     | 138       | 23.80                 | 23.83                    | 23.74                  | 24.9                |
| 100             | QPSK       | 270     | 0         | 23.76                 | 23.84                    | 23.75                  |                     |
| 100             | 16QAM      | 1       | 1         | 24.05                 | 24.15                    | 24.15                  |                     |
| 100             | 64QAM      | 1       | 1         | 23.96                 | 24.02                    | 23.94                  | 24.5                |
| 100             | 256QAM     | 1       | 1         | 21.98                 | 22.03                    | 21.94                  | 22.5                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | 24.9                |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.08                 | 24.08                    | 24.14                  |                     |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | 24.9                |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.01                 | 24.06                    | 24.05                  |                     |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | 24.9                |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.09                 | 24.15                    | 24.06                  |                     |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | 24.9                |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.02                 | 24.03                    | 24.11                  |                     |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | 24.9                |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.08                 | 24.05                    | 24.05                  |                     |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | 24.9                |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.03                 | 24.03                    | 24.06                  |                     |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | 24.9                |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.99                 | 24.15                    | 24.05                  |                     |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | 24.9                |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.08                 | 24.11                    | 24.05                  |                     |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | 24.9                |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.06                 | 24.14                    | 24.09                  |                     |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | 24.9                |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.07                 | 24.08                    | 24.10                  |                     |



&lt;FR1 n41\_HPUE\_Ant 5\_Index 6&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 21.95                    | 22.02                       | 21.99                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 21.36                    | 21.40                       | 21.31                     | 22.7                   |
| 100             | PI/2 BPSK  | 1       | 271       | 21.77                    | 21.85                       | 21.84                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 21.46                    | 21.49                       | 21.49                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 21.38                    | 21.50                       | 21.35                     | 22.7                   |
| 100             | PI/2 BPSK  | 135     | 138       | 21.48                    | 21.48                       | 21.46                     | 22.7                   |
| 100             | PI/2 BPSK  | 270     | 0         | 21.47                    | 21.57                       | 21.47                     |                        |
| 100             | QPSK       | 1       | 1         | 22.02                    | 22.03                       | 21.99                     |                        |
| 100             | QPSK       | 1       | 137       | 21.34                    | 21.40                       | 21.34                     | 22.7                   |
| 100             | QPSK       | 1       | 271       | 21.84                    | 21.84                       | 21.84                     |                        |
| 100             | QPSK       | 135     | 0         | 21.47                    | 21.55                       | 21.55                     |                        |
| 100             | QPSK       | 135     | 69        | 21.34                    | 21.44                       | 21.39                     | 22.7                   |
| 100             | QPSK       | 135     | 138       | 21.44                    | 21.53                       | 21.46                     | 22.7                   |
| 100             | QPSK       | 270     | 0         | 21.48                    | 21.58                       | 21.52                     |                        |
| 100             | 16QAM      | 1       | 1         | 22.02                    | 22.08                       | 22.01                     |                        |
| 100             | 64QAM      | 1       | 1         | 21.98                    | 21.98                       | 21.88                     | 22.7                   |
| 100             | 256QAM     | 1       | 1         | 21.50                    | 21.60                       | 21.58                     | 22.0                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.91                    | 21.90                       | 21.96                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.86                    | 21.87                       | 21.85                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.90                    | 21.92                       | 21.87                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.89                    | 21.96                       | 21.94                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.81                    | 21.96                       | 21.87                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.87                    | 21.92                       | 21.89                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.83                    | 21.94                       | 21.85                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.84                    | 21.98                       | 21.90                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.82                    | 21.90                       | 21.95                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.86                    | 21.89                       | 21.86                     |                        |



# FCC SAR TEST REPORT

Report No. :FA451606B

| <FR1 n48_Ant 2_Index 2> |            |                 |           |                          |                             |                           | Tune-up Limit            |                             |                           |
|-------------------------|------------|-----------------|-----------|--------------------------|-----------------------------|---------------------------|--------------------------|-----------------------------|---------------------------|
| BW [MHz]                | Modulation | RB Size         | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. |
| Sub carrier spacing     |            | Channel         |           | 638000                   | 641666                      | 645332                    | 638000                   | 641666                      | 645332                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3570                     | 3624.99                     | 3679.98                   | 3570                     | 3624.99                     | 3679.98                   |
| 40                      | PI/2 BPSK  | 1               | 1         | 13.34                    | 19.75                       | 12.98                     | 14.00                    | 20.50                       | 13.50                     |
| 40                      | PI/2 BPSK  | 1               | 104       | 12.91                    | 19.31                       | 12.67                     | 13.50                    | 20.00                       | 13.50                     |
| 40                      | PI/2 BPSK  | 50              | 25        | 13.09                    | 23.56                       | 12.80                     | 14.00                    | 24.50                       | 13.50                     |
| 40                      | PI/2 BPSK  | 1               | 0         | 13.28                    | 19.80                       | 12.95                     | 14.00                    | 20.50                       | 13.50                     |
| 40                      | PI/2 BPSK  | 1               | 105       | 12.93                    | 19.28                       | 12.63                     | 13.50                    | 20.00                       | 13.50                     |
| 40                      | PI/2 BPSK  | 100             | 0         | 13.08                    | 19.09                       | 12.70                     | 14.00                    | 20.00                       | 13.50                     |
| 40                      | QPSK       | 1               | 1         | 9.85                     | 19.73                       | 9.45                      | 10.50                    | 20.50                       | 10.00                     |
| 40                      | QPSK       | 1               | 104       | 9.39                     | 19.28                       | 9.11                      | 10.00                    | 20.00                       | 10.00                     |
| 40                      | QPSK       | 50              | 25        | 9.56                     | 23.57                       | 9.20                      | 10.50                    | 24.50                       | 10.00                     |
| 40                      | QPSK       | 1               | 0         | 9.75                     | 19.79                       | 9.47                      | 10.50                    | 20.50                       | 10.00                     |
| 40                      | QPSK       | 1               | 105       | 9.31                     | 19.22                       | 9.12                      | 10.00                    | 20.00                       | 10.00                     |
| 40                      | QPSK       | 100             | 0         | 9.57                     | 19.06                       | 9.21                      | 10.50                    | 20.00                       | 10.00                     |
| 40                      | 16QAM      | 1               | 1         | 9.81                     | 20.02                       | 9.46                      | 10.50                    | 21.00                       | 10.00                     |
| 40                      | 64QAM      | 1               | 1         | 9.82                     | 19.86                       | 9.42                      | 10.50                    | 20.50                       | 10.00                     |
| 40                      | 256QAM     | 1               | 1         | 9.69                     | 19.22                       | 9.48                      | 10.50                    | 20.00                       | 10.00                     |
| Sub carrier spacing     |            | Channel         |           | 637334                   | 641666                      | 646000                    | 637334                   | 641666                      | 646000                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3560.01                  | 3624.99                     | 3690                      | 3560.01                  | 3624.99                     | 3690                      |
| 20                      | PI/2 BPSK  | 1               | 1         | 19.68                    | 23.78                       | 23.30                     | 20.50                    | 24.50                       | 24.00                     |
| 20                      | PI/2 BPSK  | 1               | 49        | 23.48                    | 23.48                       | 19.19                     | 24.00                    | 24.00                       | 20.00                     |
| 20                      | PI/2 BPSK  | 25              | 12        | 23.60                    | 23.54                       | 23.43                     | 24.50                    | 24.50                       | 24.00                     |
| 20                      | PI/2 BPSK  | 1               | 0         | 19.73                    | 23.23                       | 22.82                     | 20.50                    | 24.00                       | 23.50                     |
| 20                      | PI/2 BPSK  | 1               | 50        | 23.02                    | 22.98                       | 19.26                     | 24.00                    | 23.50                       | 20.00                     |
| 20                      | PI/2 BPSK  | 50              | 0         | 19.57                    | 23.07                       | 19.39                     | 20.50                    | 24.00                       | 20.00                     |
| 20                      | QPSK       | 1               | 1         | 19.66                    | 23.73                       | 23.34                     | 20.50                    | 24.50                       | 24.00                     |
| 20                      | QPSK       | 1               | 49        | 23.50                    | 23.47                       | 19.28                     | 24.50                    | 24.00                       | 20.00                     |
| 20                      | QPSK       | 25              | 12        | 23.64                    | 23.54                       | 23.44                     | 24.50                    | 24.50                       | 24.00                     |
| 20                      | QPSK       | 1               | 0         | 19.67                    | 22.77                       | 22.29                     | 20.50                    | 23.50                       | 23.00                     |
| 20                      | QPSK       | 1               | 50        | 22.47                    | 22.49                       | 19.29                     | 23.00                    | 23.00                       | 20.00                     |
| 20                      | QPSK       | 50              | 0         | 19.61                    | 22.57                       | 19.42                     | 20.50                    | 23.50                       | 20.00                     |
| 20                      | 16QAM      | 1               | 1         | 18.67                    | 22.80                       | 22.32                     | 19.50                    | 23.50                       | 23.00                     |
| 20                      | 64QAM      | 1               | 1         | 18.63                    | 21.31                       | 20.88                     | 19.50                    | 22.00                       | 21.50                     |
| 20                      | 256QAM     | 1               | 1         | 19.23                    | 19.24                       | 18.49                     | 20.00                    | 20.00                       | 19.00                     |
| Sub carrier spacing     |            | Channel         |           | 637168                   | 641666                      | 646166                    | 637168                   | 641666                      | 646166                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3557.52                  | 3624.99                     | 3692.49                   | 3557.52                  | 3624.99                     | 3692.49                   |
| 15                      | PI/2 BPSK  | 1               | 1         | 19.61                    | 23.66                       | 23.34                     | 20.50                    | 24.50                       | 24.00                     |
| 15                      | PI/2 BPSK  | 1               | 36        | 23.46                    | 23.46                       | 19.22                     | 24.00                    | 24.00                       | 20.00                     |
| 15                      | PI/2 BPSK  | 18              | 9         | 23.59                    | 23.51                       | 23.46                     | 24.50                    | 24.50                       | 24.00                     |
| 15                      | PI/2 BPSK  | 1               | 0         | 19.63                    | 23.14                       | 22.86                     | 20.50                    | 24.00                       | 23.50                     |
| 15                      | PI/2 BPSK  | 1               | 37        | 22.97                    | 22.90                       | 19.21                     | 23.50                    | 23.50                       | 20.00                     |
| 15                      | PI/2 BPSK  | 36              | 0         | 19.51                    | 23.04                       | 19.41                     | 20.50                    | 24.00                       | 20.00                     |
| 15                      | QPSK       | 1               | 1         | 19.69                    | 23.64                       | 23.37                     | 20.50                    | 24.50                       | 24.00                     |
| 15                      | QPSK       | 1               | 36        | 23.52                    | 23.47                       | 19.20                     | 24.50                    | 24.00                       | 20.00                     |
| 15                      | QPSK       | 18              | 9         | 23.56                    | 23.58                       | 23.53                     | 24.50                    | 24.50                       | 24.50                     |
| 15                      | QPSK       | 1               | 0         | 19.65                    | 22.65                       | 22.38                     | 20.50                    | 23.50                       | 23.00                     |
| 15                      | QPSK       | 1               | 37        | 22.45                    | 22.40                       | 19.26                     | 23.00                    | 23.00                       | 20.00                     |
| 15                      | QPSK       | 36              | 0         | 19.56                    | 22.50                       | 19.44                     | 20.50                    | 23.50                       | 20.00                     |
| 15                      | 16QAM      | 1               | 1         | 18.62                    | 22.71                       | 22.40                     | 19.50                    | 23.50                       | 23.00                     |
| 15                      | 64QAM      | 1               | 1         | 18.45                    | 21.12                       | 20.78                     | 19.00                    | 22.00                       | 21.50                     |
| 15                      | 256QAM     | 1               | 1         | 19.15                    | 19.16                       | 18.81                     | 20.00                    | 20.00                       | 19.50                     |
| Sub carrier spacing     |            | Channel         |           | 637000                   | 641666                      | 646332                    | 637000                   | 641666                      | 646332                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3555                     | 3624.99                     | 3694.98                   | 3555                     | 3624.99                     | 3694.98                   |



|    |           |    |    |       |       |       |       |       |       |
|----|-----------|----|----|-------|-------|-------|-------|-------|-------|
| 10 | PI/2 BPSK | 1  | 1  | 23.62 | 23.60 | 23.50 | 24.50 | 24.50 | 24.50 |
| 10 | PI/2 BPSK | 1  | 22 | 23.44 | 23.50 | 23.29 | 24.00 | 24.50 | 24.00 |
| 10 | PI/2 BPSK | 12 | 6  | 23.54 | 23.52 | 23.47 | 24.50 | 24.50 | 24.00 |
| 10 | PI/2 BPSK | 1  | 0  | 23.07 | 23.15 | 22.97 | 24.00 | 24.00 | 23.50 |
| 10 | PI/2 BPSK | 1  | 23 | 22.94 | 22.96 | 22.82 | 23.50 | 23.50 | 23.50 |
| 10 | PI/2 BPSK | 24 | 0  | 23.01 | 22.99 | 22.87 | 24.00 | 23.50 | 23.50 |
| 10 | QPSK      | 1  | 1  | 23.63 | 23.66 | 23.52 | 24.50 | 24.50 | 24.50 |
| 10 | QPSK      | 1  | 22 | 23.50 | 23.49 | 23.30 | 24.50 | 24.00 | 24.00 |
| 10 | QPSK      | 12 | 6  | 23.57 | 23.52 | 23.46 | 24.50 | 24.50 | 24.00 |
| 10 | QPSK      | 1  | 0  | 22.68 | 22.62 | 22.48 | 23.50 | 23.50 | 23.00 |
| 10 | QPSK      | 1  | 23 | 22.48 | 22.48 | 22.27 | 23.00 | 23.00 | 23.00 |
| 10 | QPSK      | 24 | 0  | 22.50 | 22.47 | 22.39 | 23.50 | 23.00 | 23.00 |
| 10 | 16QAM     | 1  | 1  | 22.63 | 22.69 | 22.67 | 23.50 | 23.50 | 23.50 |
| 10 | 64QAM     | 1  | 1  | 21.06 | 21.22 | 20.91 | 22.00 | 22.00 | 21.50 |
| 10 | 256QAM    | 1  | 1  | 19.16 | 18.94 | 19.10 | 20.00 | 19.50 | 20.00 |



# FCC SAR TEST REPORT

Report No. :FA451606B

| <FR1 n48_Ant 2_Index 3> |            |                 |           |                       |                          |                        | Tune-up Limit         |                          |                        |
|-------------------------|------------|-----------------|-----------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|------------------------|
| BW [MHz]                | Modulation | RB Size         | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. |
| Sub carrier spacing     |            | Channel         |           | 638000                | 641666                   | 645332                 | 638000                | 641666                   | 645332                 |
| 30k                     | Hz         | Frequency (MHz) |           | 3570                  | 3624.99                  | 3679.98                | 3570                  | 3623.1.99                | 3679.98                |
| 40                      | PI/2 BPSK  | 1               | 1         | 13.34                 | 19.75                    | 12.98                  | 14.00                 | 20.50                    | 13.50                  |
| 40                      | PI/2 BPSK  | 1               | 104       | 12.91                 | 19.31                    | 12.67                  | 13.50                 | 20.00                    | 13.50                  |
| 40                      | PI/2 BPSK  | 50              | 25        | 13.09                 | 21.70                    | 12.80                  | 14.00                 | 23.10                    | 13.50                  |
| 40                      | PI/2 BPSK  | 1               | 0         | 13.28                 | 19.80                    | 12.95                  | 14.00                 | 20.50                    | 13.50                  |
| 40                      | PI/2 BPSK  | 1               | 105       | 12.93                 | 19.28                    | 12.63                  | 13.50                 | 20.00                    | 13.50                  |
| 40                      | PI/2 BPSK  | 100             | 0         | 13.08                 | 19.09                    | 12.70                  | 14.00                 | 20.00                    | 13.50                  |
| 40                      | QPSK       | 1               | 1         | 9.85                  | 19.73                    | 9.45                   | 10.50                 | 20.50                    | 10.00                  |
| 40                      | QPSK       | 1               | 104       | 9.39                  | 19.28                    | 9.11                   | 10.00                 | 20.00                    | 10.00                  |
| 40                      | QPSK       | 50              | 25        | 9.56                  | 21.60                    | 9.20                   | 10.50                 | 23.10                    | 10.00                  |
| 40                      | QPSK       | 1               | 0         | 9.75                  | 19.79                    | 9.47                   | 10.50                 | 20.50                    | 10.00                  |
| 40                      | QPSK       | 1               | 105       | 9.31                  | 19.22                    | 9.12                   | 10.00                 | 20.00                    | 10.00                  |
| 40                      | QPSK       | 100             | 0         | 9.57                  | 19.06                    | 9.21                   | 10.50                 | 20.00                    | 10.00                  |
| 40                      | 16QAM      | 1               | 1         | 9.81                  | 20.02                    | 9.46                   | 10.50                 | 21.00                    | 10.00                  |
| 40                      | 64QAM      | 1               | 1         | 9.82                  | 19.86                    | 9.42                   | 10.50                 | 20.50                    | 10.00                  |
| 40                      | 256QAM     | 1               | 1         | 9.69                  | 19.22                    | 9.48                   | 10.50                 | 20.00                    | 10.00                  |
| Sub carrier spacing     |            | Channel         |           | 637334                | 641666                   | 646000                 | 637334                | 641666                   | 646000                 |
| 30k                     | Hz         | Frequency (MHz) |           | 3560.01               | 3624.99                  | 3690                   | 3560.01               | 3623.1.99                | 3690                   |
| 20                      | PI/2 BPSK  | 1               | 1         | 19.68                 | 21.70                    | 21.60                  | 20.50                 | 23.10                    | 23.10                  |
| 20                      | PI/2 BPSK  | 1               | 49        | 21.64                 | 21.60                    | 19.19                  | 23.10                 | 23.10                    | 20.00                  |
| 20                      | PI/2 BPSK  | 25              | 12        | 21.55                 | 21.57                    | 21.64                  | 23.10                 | 23.10                    | 23.10                  |
| 20                      | PI/2 BPSK  | 1               | 0         | 19.73                 | 21.56                    | 21.55                  | 20.50                 | 23.10                    | 23.10                  |
| 20                      | PI/2 BPSK  | 1               | 50        | 21.60                 | 21.61                    | 19.26                  | 23.10                 | 23.10                    | 20.00                  |
| 20                      | PI/2 BPSK  | 50              | 0         | 19.57                 | 21.61                    | 19.39                  | 20.50                 | 23.10                    | 20.00                  |
| 20                      | QPSK       | 1               | 1         | 19.66                 | 21.62                    | 21.57                  | 20.50                 | 23.10                    | 23.10                  |
| 20                      | QPSK       | 1               | 49        | 21.61                 | 21.64                    | 19.28                  | 23.10                 | 23.10                    | 20.00                  |
| 20                      | QPSK       | 25              | 12        | 21.61                 | 21.65                    | 21.58                  | 23.10                 | 23.10                    | 23.10                  |
| 20                      | QPSK       | 1               | 0         | 19.67                 | 21.63                    | 22.29                  | 20.50                 | 23.10                    | 23.00                  |
| 20                      | QPSK       | 1               | 50        | 22.47                 | 21.56                    | 19.29                  | 23.00                 | 23.00                    | 20.00                  |
| 20                      | QPSK       | 50              | 0         | 19.61                 | 21.58                    | 19.42                  | 20.50                 | 23.10                    | 20.00                  |
| 20                      | 16QAM      | 1               | 1         | 18.67                 | 21.55                    | 22.32                  | 19.50                 | 23.10                    | 23.00                  |
| 20                      | 64QAM      | 1               | 1         | 18.63                 | 21.31                    | 20.88                  | 19.50                 | 22.00                    | 21.50                  |
| 20                      | 256QAM     | 1               | 1         | 19.23                 | 19.24                    | 18.49                  | 20.00                 | 20.00                    | 19.00                  |
| Sub carrier spacing     |            | Channel         |           | 637168                | 641666                   | 646166                 | 637168                | 641666                   | 646166                 |
| 30k                     | Hz         | Frequency (MHz) |           | 3557.52               | 3624.99                  | 3692.49                | 3557.52               | 3623.1.99                | 3692.49                |
| 15                      | PI/2 BPSK  | 1               | 1         | 19.61                 | 21.61                    | 21.65                  | 20.50                 | 23.10                    | 23.10                  |
| 15                      | PI/2 BPSK  | 1               | 36        | 21.61                 | 21.56                    | 19.22                  | 23.10                 | 23.10                    | 20.00                  |
| 15                      | PI/2 BPSK  | 18              | 9         | 21.64                 | 21.58                    | 21.60                  | 23.10                 | 23.10                    | 23.10                  |
| 15                      | PI/2 BPSK  | 1               | 0         | 19.63                 | 21.57                    | 21.63                  | 20.50                 | 23.10                    | 23.10                  |
| 15                      | PI/2 BPSK  | 1               | 37        | 21.55                 | 21.61                    | 19.21                  | 23.10                 | 23.10                    | 20.00                  |
| 15                      | PI/2 BPSK  | 36              | 0         | 19.51                 | 21.60                    | 19.41                  | 20.50                 | 23.10                    | 20.00                  |
| 15                      | QPSK       | 1               | 1         | 19.69                 | 21.60                    | 21.56                  | 20.50                 | 23.10                    | 23.10                  |
| 15                      | QPSK       | 1               | 36        | 21.60                 | 21.58                    | 19.20                  | 23.10                 | 23.10                    | 20.00                  |
| 15                      | QPSK       | 18              | 9         | 21.55                 | 21.63                    | 21.65                  | 23.10                 | 23.10                    | 23.10                  |
| 15                      | QPSK       | 1               | 0         | 19.65                 | 21.65                    | 22.38                  | 20.50                 | 23.10                    | 23.00                  |
| 15                      | QPSK       | 1               | 37        | 22.45                 | 21.63                    | 19.26                  | 23.00                 | 23.00                    | 20.00                  |
| 15                      | QPSK       | 36              | 0         | 19.56                 | 21.62                    | 19.44                  | 20.50                 | 23.10                    | 20.00                  |
| 15                      | 16QAM      | 1               | 1         | 18.62                 | 21.65                    | 22.40                  | 19.50                 | 23.10                    | 23.00                  |
| 15                      | 64QAM      | 1               | 1         | 18.45                 | 21.12                    | 20.78                  | 19.00                 | 22.00                    | 21.50                  |
| 15                      | 256QAM     | 1               | 1         | 19.15                 | 19.16                    | 18.81                  | 20.00                 | 20.00                    | 19.50                  |
| Sub carrier spacing     |            | Channel         |           | 637000                | 641666                   | 646332                 | 637000                | 641666                   | 646332                 |
| 30k                     | Hz         | Frequency (MHz) |           | 3555                  | 3624.99                  | 3694.98                | 3555                  | 3623.1.99                | 3694.98                |



## FCC SAR TEST REPORT

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|    |           |    |    |       |       |       |       |       |       |
|----|-----------|----|----|-------|-------|-------|-------|-------|-------|
| 10 | PI/2 BPSK | 1  | 1  | 21.58 | 21.59 | 21.58 | 23.10 | 23.10 | 23.10 |
| 10 | PI/2 BPSK | 1  | 22 | 21.55 | 21.63 | 21.64 | 23.10 | 23.10 | 23.10 |
| 10 | PI/2 BPSK | 12 | 6  | 21.59 | 21.63 | 21.64 | 23.10 | 23.10 | 23.10 |
| 10 | PI/2 BPSK | 1  | 0  | 21.63 | 21.59 | 21.58 | 23.10 | 23.10 | 23.10 |
| 10 | PI/2 BPSK | 1  | 23 | 21.57 | 21.57 | 21.62 | 23.10 | 23.10 | 23.10 |
| 10 | PI/2 BPSK | 24 | 0  | 21.58 | 21.63 | 21.57 | 23.10 | 23.10 | 23.10 |
| 10 | QPSK      | 1  | 1  | 21.64 | 21.55 | 21.60 | 23.10 | 23.10 | 23.10 |
| 10 | QPSK      | 1  | 22 | 21.59 | 21.65 | 21.64 | 23.10 | 23.10 | 23.10 |
| 10 | QPSK      | 12 | 6  | 21.58 | 21.60 | 21.61 | 23.10 | 23.10 | 23.10 |
| 10 | QPSK      | 1  | 0  | 21.64 | 21.65 | 21.57 | 23.10 | 23.10 | 23.00 |
| 10 | QPSK      | 1  | 23 | 21.61 | 21.62 | 21.64 | 23.00 | 23.00 | 23.00 |
| 10 | QPSK      | 24 | 0  | 21.57 | 21.65 | 21.55 | 23.10 | 23.00 | 23.00 |
| 10 | 16QAM     | 1  | 1  | 21.61 | 21.58 | 21.62 | 23.10 | 23.10 | 23.10 |
| 10 | 64QAM     | 1  | 1  | 21.06 | 21.22 | 20.91 | 22.00 | 22.00 | 21.50 |
| 10 | 256QAM    | 1  | 1  | 19.16 | 18.94 | 19.10 | 20.00 | 19.50 | 20.00 |



# FCC SAR TEST REPORT

Report No. :FA451606B

| <FR1 n48_Ant 2_Index 4> |            |                 |           |                          |                             |                           | Tune-up Limit            |                             |                           |
|-------------------------|------------|-----------------|-----------|--------------------------|-----------------------------|---------------------------|--------------------------|-----------------------------|---------------------------|
| BW [MHz]                | Modulation | RB Size         | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. |
| Sub carrier spacing     |            | Channel         |           | 638000                   | 641666                      | 645332                    | 638000                   | 641666                      | 645332                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3570                     | 3624.99                     | 3679.98                   | 3570                     | 3624.99                     | 3679.98                   |
| 40                      | PI/2 BPSK  | 1               | 1         | 13.34                    | 18.80                       | 12.98                     | 14.00                    | 19.40                       | 13.50                     |
| 40                      | PI/2 BPSK  | 1               | 104       | 12.91                    | 18.55                       | 12.67                     | 13.50                    | 19.40                       | 13.50                     |
| 40                      | PI/2 BPSK  | 50              | 25        | 13.09                    | 18.77                       | 12.80                     | 14.00                    | 19.40                       | 13.50                     |
| 40                      | PI/2 BPSK  | 1               | 0         | 13.28                    | 18.78                       | 12.95                     | 14.00                    | 19.40                       | 13.50                     |
| 40                      | PI/2 BPSK  | 1               | 105       | 12.93                    | 18.56                       | 12.63                     | 13.50                    | 19.40                       | 13.50                     |
| 40                      | PI/2 BPSK  | 100             | 0         | 13.08                    | 18.76                       | 12.70                     | 14.00                    | 19.40                       | 13.50                     |
| 40                      | QPSK       | 1               | 1         | 9.85                     | 18.78                       | 9.45                      | 10.50                    | 19.40                       | 10.00                     |
| 40                      | QPSK       | 1               | 104       | 9.39                     | 18.52                       | 9.11                      | 10.00                    | 19.40                       | 10.00                     |
| 40                      | QPSK       | 50              | 25        | 9.56                     | 18.75                       | 9.20                      | 10.50                    | 19.40                       | 10.00                     |
| 40                      | QPSK       | 1               | 0         | 9.75                     | 18.74                       | 9.47                      | 10.50                    | 19.40                       | 10.00                     |
| 40                      | QPSK       | 1               | 105       | 9.31                     | 18.55                       | 9.12                      | 10.00                    | 19.40                       | 10.00                     |
| 40                      | QPSK       | 100             | 0         | 9.57                     | 18.73                       | 9.21                      | 10.50                    | 19.40                       | 10.00                     |
| 40                      | 16QAM      | 1               | 1         | 9.81                     | 18.76                       | 9.46                      | 10.50                    | 19.40                       | 10.00                     |
| 40                      | 64QAM      | 1               | 1         | 9.82                     | 18.73                       | 9.42                      | 10.50                    | 19.40                       | 10.00                     |
| 40                      | 256QAM     | 1               | 1         | 9.69                     | 18.70                       | 9.48                      | 10.50                    | 19.40                       | 10.00                     |
| Sub carrier spacing     |            | Channel         |           | 637334                   | 641666                      | 646000                    | 637334                   | 641666                      | 646000                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3560.01                  | 3624.99                     | 3690                      | 3560.01                  | 3624.99                     | 3690                      |
| 20                      | PI/2 BPSK  | 1               | 1         | 18.77                    | 18.79                       | 18.75                     | 19.40                    | 19.40                       | 19.40                     |
| 20                      | PI/2 BPSK  | 1               | 49        | 18.50                    | 18.51                       | 18.45                     | 19.40                    | 19.40                       | 19.40                     |
| 20                      | PI/2 BPSK  | 25              | 12        | 18.70                    | 18.76                       | 18.73                     | 19.40                    | 19.40                       | 19.40                     |
| 20                      | PI/2 BPSK  | 1               | 0         | 18.72                    | 18.77                       | 18.74                     | 19.40                    | 19.40                       | 19.40                     |
| 20                      | PI/2 BPSK  | 1               | 50        | 18.51                    | 18.49                       | 18.54                     | 19.40                    | 19.40                       | 19.40                     |
| 20                      | PI/2 BPSK  | 50              | 0         | 18.67                    | 18.73                       | 18.72                     | 19.40                    | 19.40                       | 19.40                     |
| 20                      | QPSK       | 1               | 1         | 18.75                    | 18.77                       | 18.69                     | 19.40                    | 19.40                       | 19.40                     |
| 20                      | QPSK       | 1               | 49        | 18.49                    | 18.48                       | 18.43                     | 19.40                    | 19.40                       | 19.40                     |
| 20                      | QPSK       | 25              | 12        | 18.73                    | 18.69                       | 18.65                     | 19.40                    | 19.40                       | 19.40                     |
| 20                      | QPSK       | 1               | 0         | 18.64                    | 18.73                       | 18.66                     | 19.40                    | 19.40                       | 19.40                     |
| 20                      | QPSK       | 1               | 50        | 18.47                    | 18.49                       | 18.45                     | 19.40                    | 19.40                       | 19.40                     |
| 20                      | QPSK       | 50              | 0         | 18.72                    | 18.71                       | 18.64                     | 19.40                    | 19.40                       | 19.40                     |
| 20                      | 16QAM      | 1               | 1         | 18.75                    | 18.73                       | 18.71                     | 19.40                    | 19.40                       | 19.40                     |
| 20                      | 64QAM      | 1               | 1         | 18.69                    | 18.70                       | 18.72                     | 19.40                    | 19.40                       | 19.40                     |
| 20                      | 256QAM     | 1               | 1         | 18.69                    | 18.65                       | 18.49                     | 19.40                    | 19.40                       | 19.00                     |
| Sub carrier spacing     |            | Channel         |           | 637168                   | 641666                      | 646166                    | 637168                   | 641666                      | 646166                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3557.52                  | 3624.99                     | 3692.49                   | 3557.52                  | 3624.99                     | 3692.49                   |
| 15                      | PI/2 BPSK  | 1               | 1         | 18.73                    | 18.78                       | 18.72                     | 19.40                    | 19.40                       | 19.40                     |
| 15                      | PI/2 BPSK  | 1               | 36        | 18.48                    | 18.49                       | 18.43                     | 19.40                    | 19.40                       | 19.40                     |
| 15                      | PI/2 BPSK  | 18              | 9         | 18.66                    | 18.74                       | 18.66                     | 19.40                    | 19.40                       | 19.40                     |
| 15                      | PI/2 BPSK  | 1               | 0         | 18.62                    | 18.68                       | 18.69                     | 19.40                    | 19.40                       | 19.40                     |
| 15                      | PI/2 BPSK  | 1               | 37        | 18.45                    | 18.44                       | 18.46                     | 19.40                    | 19.40                       | 19.40                     |
| 15                      | PI/2 BPSK  | 36              | 0         | 18.64                    | 18.63                       | 18.69                     | 19.40                    | 19.40                       | 19.40                     |
| 15                      | QPSK       | 1               | 1         | 18.67                    | 18.69                       | 18.64                     | 19.40                    | 19.40                       | 19.40                     |
| 15                      | QPSK       | 1               | 36        | 18.46                    | 18.46                       | 18.40                     | 19.40                    | 19.40                       | 19.40                     |
| 15                      | QPSK       | 18              | 9         | 18.70                    | 18.65                       | 18.55                     | 19.40                    | 19.40                       | 19.40                     |
| 15                      | QPSK       | 1               | 0         | 18.59                    | 18.72                       | 18.61                     | 19.40                    | 19.40                       | 19.40                     |
| 15                      | QPSK       | 1               | 37        | 18.45                    | 18.47                       | 18.43                     | 19.40                    | 19.40                       | 19.40                     |
| 15                      | QPSK       | 36              | 0         | 18.71                    | 18.70                       | 18.62                     | 19.40                    | 19.40                       | 19.40                     |
| 15                      | 16QAM      | 1               | 1         | 18.73                    | 18.68                       | 18.63                     | 19.40                    | 19.40                       | 19.40                     |
| 15                      | 64QAM      | 1               | 1         | 18.45                    | 18.62                       | 18.70                     | 19.00                    | 19.40                       | 19.40                     |
| 15                      | 256QAM     | 1               | 1         | 18.60                    | 18.62                       | 18.46                     | 19.40                    | 19.40                       | 19.40                     |
| Sub carrier spacing     |            | Channel         |           | 637000                   | 641666                      | 646332                    | 637000                   | 641666                      | 646332                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3555                     | 3624.99                     | 3694.98                   | 3555                     | 3624.99                     | 3694.98                   |



## FCC SAR TEST REPORT

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|    |           |    |    |       |       |       |       |       |       |
|----|-----------|----|----|-------|-------|-------|-------|-------|-------|
| 10 | PI/2 BPSK | 1  | 1  | 18.71 | 18.75 | 18.65 | 19.40 | 19.40 | 19.40 |
| 10 | PI/2 BPSK | 1  | 22 | 18.45 | 18.41 | 18.40 | 19.40 | 19.40 | 19.40 |
| 10 | PI/2 BPSK | 12 | 6  | 18.68 | 18.74 | 18.69 | 19.40 | 19.40 | 19.40 |
| 10 | PI/2 BPSK | 1  | 0  | 18.69 | 18.70 | 18.69 | 19.40 | 19.40 | 19.40 |
| 10 | PI/2 BPSK | 1  | 23 | 18.47 | 18.48 | 18.44 | 19.40 | 19.40 | 19.40 |
| 10 | PI/2 BPSK | 24 | 0  | 18.57 | 18.71 | 18.67 | 19.40 | 19.40 | 19.40 |
| 10 | QPSK      | 1  | 1  | 18.67 | 18.70 | 18.59 | 19.40 | 19.40 | 19.40 |
| 10 | QPSK      | 1  | 22 | 18.46 | 18.38 | 18.36 | 19.40 | 19.40 | 19.40 |
| 10 | QPSK      | 12 | 6  | 18.72 | 18.67 | 18.56 | 19.40 | 19.40 | 19.40 |
| 10 | QPSK      | 1  | 0  | 18.59 | 18.67 | 18.64 | 19.40 | 19.40 | 19.40 |
| 10 | QPSK      | 1  | 23 | 18.46 | 18.42 | 18.41 | 19.40 | 19.40 | 19.40 |
| 10 | QPSK      | 24 | 0  | 18.66 | 18.67 | 18.58 | 19.40 | 19.40 | 19.40 |
| 10 | 16QAM     | 1  | 1  | 18.73 | 18.65 | 18.65 | 19.40 | 19.40 | 19.40 |
| 10 | 64QAM     | 1  | 1  | 18.65 | 18.62 | 18.62 | 19.40 | 19.40 | 19.40 |
| 10 | 256QAM    | 1  | 1  | 18.60 | 18.60 | 18.41 | 19.40 | 19.40 | 19.40 |



# FCC SAR TEST REPORT

Report No. :FA451606B

| <FR1 n48_Ant 2_Index 5/6> |            |                 |           |                       |                          |                        | Tune-up Limit         |                          |                        |
|---------------------------|------------|-----------------|-----------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|------------------------|
| BW [MHz]                  | Modulation | RB Size         | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. |
| Sub carrier spacing       |            | Channel         |           | 638000                | 641666                   | 645332                 | 638000                | 641666                   | 645332                 |
| 30k                       | Hz         | Frequency (MHz) |           | 3570                  | 3624.99                  | 3679.98                | 3570                  | 3624.99                  | 3679.98                |
| 40                        | PI/2 BPSK  | 1               | 1         | 13.34                 | 19.75                    | 12.98                  | 14.00                 | 20.50                    | 13.50                  |
| 40                        | PI/2 BPSK  | 1               | 104       | 12.91                 | 19.31                    | 12.67                  | 13.50                 | 20.00                    | 13.50                  |
| 40                        | PI/2 BPSK  | 50              | 25        | 13.09                 | 19.88                    | 12.80                  | 14.00                 | 20.90                    | 13.50                  |
| 40                        | PI/2 BPSK  | 1               | 0         | 13.28                 | 19.80                    | 12.95                  | 14.00                 | 20.50                    | 13.50                  |
| 40                        | PI/2 BPSK  | 1               | 105       | 12.93                 | 19.28                    | 12.63                  | 13.50                 | 20.00                    | 13.50                  |
| 40                        | PI/2 BPSK  | 100             | 0         | 13.08                 | 19.09                    | 12.70                  | 14.00                 | 20.00                    | 13.50                  |
| 40                        | QPSK       | 1               | 1         | 9.85                  | 19.73                    | 9.45                   | 10.50                 | 20.50                    | 10.00                  |
| 40                        | QPSK       | 1               | 104       | 9.39                  | 19.28                    | 9.11                   | 10.00                 | 20.00                    | 10.00                  |
| 40                        | QPSK       | 50              | 25        | 9.56                  | 19.73                    | 9.20                   | 10.50                 | 20.90                    | 10.00                  |
| 40                        | QPSK       | 1               | 0         | 9.75                  | 19.79                    | 9.47                   | 10.50                 | 20.50                    | 10.00                  |
| 40                        | QPSK       | 1               | 105       | 9.31                  | 19.22                    | 9.12                   | 10.00                 | 20.00                    | 10.00                  |
| 40                        | QPSK       | 100             | 0         | 9.57                  | 19.06                    | 9.21                   | 10.50                 | 20.00                    | 10.00                  |
| 40                        | 16QAM      | 1               | 1         | 9.81                  | 19.78                    | 9.46                   | 10.50                 | 20.90                    | 10.00                  |
| 40                        | 64QAM      | 1               | 1         | 9.82                  | 19.86                    | 9.42                   | 10.50                 | 20.50                    | 10.00                  |
| 40                        | 256QAM     | 1               | 1         | 9.69                  | 19.22                    | 9.48                   | 10.50                 | 20.00                    | 10.00                  |
| Sub carrier spacing       |            | Channel         |           | 637334                | 641666                   | 646000                 | 637334                | 641666                   | 646000                 |
| 30k                       | Hz         | Frequency (MHz) |           | 3560.01               | 3624.99                  | 3690                   | 3560.01               | 3624.99                  | 3690                   |
| 20                        | PI/2 BPSK  | 1               | 1         | 19.68                 | 19.81                    | 19.71                  | 20.50                 | 20.90                    | 20.90                  |
| 20                        | PI/2 BPSK  | 1               | 49        | 19.70                 | 19.78                    | 19.19                  | 20.90                 | 20.90                    | 20.00                  |
| 20                        | PI/2 BPSK  | 25              | 12        | 19.70                 | 19.78                    | 19.75                  | 20.90                 | 20.90                    | 20.90                  |
| 20                        | PI/2 BPSK  | 1               | 0         | 19.73                 | 19.86                    | 19.75                  | 20.50                 | 20.90                    | 20.90                  |
| 20                        | PI/2 BPSK  | 1               | 50        | 19.66                 | 19.83                    | 19.26                  | 20.90                 | 20.90                    | 20.00                  |
| 20                        | PI/2 BPSK  | 50              | 0         | 19.57                 | 19.77                    | 19.39                  | 20.50                 | 20.90                    | 20.00                  |
| 20                        | QPSK       | 1               | 1         | 19.66                 | 19.71                    | 19.65                  | 20.50                 | 20.90                    | 20.90                  |
| 20                        | QPSK       | 1               | 49        | 19.15                 | 19.18                    | 19.28                  | 20.90                 | 20.90                    | 20.00                  |
| 20                        | QPSK       | 25              | 12        | 19.60                 | 19.68                    | 19.58                  | 20.90                 | 20.90                    | 20.90                  |
| 20                        | QPSK       | 1               | 0         | 19.67                 | 19.69                    | 19.60                  | 20.50                 | 20.90                    | 20.90                  |
| 20                        | QPSK       | 1               | 50        | 19.10                 | 19.19                    | 19.29                  | 20.90                 | 20.90                    | 20.00                  |
| 20                        | QPSK       | 50              | 0         | 19.61                 | 18.99                    | 19.42                  | 20.50                 | 20.90                    | 20.00                  |
| 20                        | 16QAM      | 1               | 1         | 18.67                 | 19.70                    | 19.65                  | 19.50                 | 20.90                    | 20.90                  |
| 20                        | 64QAM      | 1               | 1         | 18.63                 | 19.79                    | 19.60                  | 19.50                 | 20.90                    | 20.90                  |
| 20                        | 256QAM     | 1               | 1         | 19.23                 | 19.24                    | 18.49                  | 20.00                 | 20.00                    | 19.00                  |
| Sub carrier spacing       |            | Channel         |           | 637168                | 641666                   | 646166                 | 637168                | 641666                   | 646166                 |
| 30k                       | Hz         | Frequency (MHz) |           | 3557.52               | 3624.99                  | 3692.49                | 3557.52               | 3624.99                  | 3692.49                |
| 15                        | PI/2 BPSK  | 1               | 1         | 19.61                 | 19.73                    | 19.66                  | 20.50                 | 20.90                    | 20.90                  |
| 15                        | PI/2 BPSK  | 1               | 36        | 19.65                 | 19.75                    | 19.22                  | 20.90                 | 20.90                    | 20.00                  |
| 15                        | PI/2 BPSK  | 18              | 9         | 19.63                 | 19.72                    | 19.66                  | 20.90                 | 20.90                    | 20.90                  |
| 15                        | PI/2 BPSK  | 1               | 0         | 19.63                 | 19.84                    | 19.70                  | 20.50                 | 20.90                    | 20.90                  |
| 15                        | PI/2 BPSK  | 1               | 37        | 19.65                 | 19.81                    | 19.21                  | 20.90                 | 20.90                    | 20.00                  |
| 15                        | PI/2 BPSK  | 36              | 0         | 19.51                 | 19.70                    | 19.41                  | 20.50                 | 20.90                    | 20.00                  |
| 15                        | QPSK       | 1               | 1         | 19.69                 | 19.67                    | 19.60                  | 20.50                 | 20.90                    | 20.90                  |
| 15                        | QPSK       | 1               | 36        | 19.10                 | 19.12                    | 19.20                  | 20.90                 | 20.90                    | 20.00                  |
| 15                        | QPSK       | 18              | 9         | 19.55                 | 19.62                    | 19.50                  | 20.90                 | 20.90                    | 20.90                  |
| 15                        | QPSK       | 1               | 0         | 19.65                 | 19.68                    | 19.62                  | 20.50                 | 20.90                    | 20.90                  |
| 15                        | QPSK       | 1               | 37        | 19.10                 | 19.16                    | 19.26                  | 20.90                 | 20.90                    | 20.00                  |
| 15                        | QPSK       | 36              | 0         | 19.56                 | 18.90                    | 19.44                  | 20.50                 | 20.90                    | 20.00                  |
| 15                        | 16QAM      | 1               | 1         | 18.62                 | 19.69                    | 19.58                  | 19.50                 | 20.90                    | 20.90                  |
| 15                        | 64QAM      | 1               | 1         | 18.45                 | 19.71                    | 20.78                  | 19.00                 | 20.90                    | 20.90                  |
| 15                        | 256QAM     | 1               | 1         | 19.15                 | 19.16                    | 18.81                  | 20.00                 | 20.00                    | 19.50                  |
| Sub carrier spacing       |            | Channel         |           | 637000                | 641666                   | 646332                 | 637000                | 641666                   | 646332                 |
| 30k                       | Hz         | Frequency (MHz) |           | 3555                  | 3624.99                  | 3694.98                | 3555                  | 3624.99                  | 3694.98                |



## FCC SAR TEST REPORT

Report No. :FA451606B

|    |           |    |    |       |       |       |       |       |       |
|----|-----------|----|----|-------|-------|-------|-------|-------|-------|
| 10 | PI/2 BPSK | 1  | 1  | 19.68 | 19.65 | 19.68 | 20.90 | 20.90 | 20.90 |
| 10 | PI/2 BPSK | 1  | 22 | 19.70 | 19.66 | 19.73 | 20.90 | 20.90 | 20.90 |
| 10 | PI/2 BPSK | 12 | 6  | 19.69 | 19.62 | 19.62 | 20.90 | 20.90 | 20.90 |
| 10 | PI/2 BPSK | 1  | 0  | 19.77 | 19.74 | 19.83 | 20.90 | 20.90 | 20.90 |
| 10 | PI/2 BPSK | 1  | 23 | 19.77 | 19.75 | 19.73 | 20.90 | 20.90 | 20.90 |
| 10 | PI/2 BPSK | 24 | 0  | 19.68 | 19.62 | 19.68 | 20.90 | 20.90 | 20.90 |
| 10 | QPSK      | 1  | 1  | 19.60 | 19.63 | 19.59 | 20.90 | 20.90 | 20.90 |
| 10 | QPSK      | 1  | 22 | 19.07 | 19.06 | 19.09 | 20.90 | 20.90 | 20.90 |
| 10 | QPSK      | 12 | 6  | 19.58 | 19.57 | 19.56 | 20.90 | 20.90 | 20.90 |
| 10 | QPSK      | 1  | 0  | 19.58 | 19.63 | 19.60 | 20.90 | 20.90 | 20.90 |
| 10 | QPSK      | 1  | 23 | 19.11 | 19.14 | 19.08 | 20.90 | 20.90 | 20.90 |
| 10 | QPSK      | 24 | 0  | 19.55 | 18.95 | 19.35 | 20.90 | 20.90 | 20.90 |
| 10 | 16QAM     | 1  | 1  | 19.64 | 19.68 | 19.67 | 20.90 | 20.90 | 20.90 |
| 10 | 64QAM     | 1  | 1  | 19.66 | 19.63 | 19.69 | 20.90 | 20.90 | 20.90 |
| 10 | 256QAM    | 1  | 1  | 19.16 | 18.94 | 19.10 | 20.00 | 19.50 | 20.00 |



# FCC SAR TEST REPORT

Report No. :FA451606B

| <FR1 n48_Ant 5_Index 2> |            |                 |           |                       |                          |                        | Tune-up Limit         |                          |                        |
|-------------------------|------------|-----------------|-----------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|------------------------|
| BW [MHz]                | Modulation | RB Size         | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. |
| Sub carrier spacing     |            | Channel         |           | 638000                | 641666                   | 645332                 | 638000                | 641666                   | 645332                 |
| 30k                     | Hz         | Frequency (MHz) |           | 3570                  | 3624.99                  | 3679.98                | 3570                  | 3624.99                  | 3679.98                |
| 40                      | PI/2 BPSK  | 1               | 1         | 13.79                 | 14.37                    | 13.50                  | 14.50                 | 15.90                    | 14.50                  |
| 40                      | PI/2 BPSK  | 1               | 104       | 13.42                 | 14.29                    | 13.12                  | 14.00                 | 15.90                    | 14.00                  |
| 40                      | PI/2 BPSK  | 50              | 25        | 13.58                 | 14.49                    | 13.25                  | 14.50                 | 15.90                    | 14.00                  |
| 40                      | PI/2 BPSK  | 1               | 0         | 13.78                 | 14.25                    | 13.45                  | 14.50                 | 15.90                    | 14.00                  |
| 40                      | PI/2 BPSK  | 1               | 105       | 13.39                 | 14.36                    | 13.17                  | 14.00                 | 15.90                    | 14.00                  |
| 40                      | PI/2 BPSK  | 100             | 0         | 13.58                 | 14.50                    | 13.32                  | 14.50                 | 15.90                    | 14.00                  |
| 40                      | QPSK       | 1               | 1         | 10.22                 | 14.39                    | 9.92                   | 11.00                 | 15.90                    | 10.50                  |
| 40                      | QPSK       | 1               | 104       | 9.87                  | 14.36                    | 9.61                   | 10.50                 | 15.90                    | 10.50                  |
| 40                      | QPSK       | 50              | 25        | 10.09                 | 14.27                    | 9.73                   | 11.00                 | 15.90                    | 10.50                  |
| 40                      | QPSK       | 1               | 0         | 10.19                 | 14.31                    | 10.00                  | 11.00                 | 15.90                    | 11.00                  |
| 40                      | QPSK       | 1               | 105       | 9.82                  | 14.27                    | 9.69                   | 10.50                 | 15.90                    | 10.50                  |
| 40                      | QPSK       | 100             | 0         | 10.07                 | 14.34                    | 9.77                   | 11.00                 | 15.90                    | 10.50                  |
| 40                      | 16QAM      | 1               | 1         | 10.43                 | 14.31                    | 10.00                  | 11.00                 | 15.90                    | 11.00                  |
| 40                      | 64QAM      | 1               | 1         | 10.02                 | 14.41                    | 10.11                  | 11.00                 | 15.90                    | 11.00                  |
| 40                      | 256QAM     | 1               | 1         | 10.20                 | 14.38                    | 9.83                   | 11.00                 | 15.90                    | 10.50                  |
| Sub carrier spacing     |            | Channel         |           | 637334                | 641666                   | 646000                 | 637334                | 641666                   | 646000                 |
| 30k                     | Hz         | Frequency (MHz) |           | 3560.01               | 3624.99                  | 3690                   | 3560.01               | 3624.99                  | 3690                   |
| 20                      | PI/2 BPSK  | 1               | 1         | 14.65                 | 14.48                    | 14.59                  | 15.90                 | 15.90                    | 15.90                  |
| 20                      | PI/2 BPSK  | 1               | 49        | 14.39                 | 14.53                    | 14.58                  | 15.90                 | 15.90                    | 15.90                  |
| 20                      | PI/2 BPSK  | 25              | 12        | 14.60                 | 14.48                    | 14.30                  | 15.90                 | 15.90                    | 15.90                  |
| 20                      | PI/2 BPSK  | 1               | 0         | 14.51                 | 14.47                    | 14.57                  | 15.90                 | 15.90                    | 15.90                  |
| 20                      | PI/2 BPSK  | 1               | 50        | 14.54                 | 14.56                    | 14.39                  | 15.90                 | 15.90                    | 15.90                  |
| 20                      | PI/2 BPSK  | 50              | 0         | 14.51                 | 14.39                    | 14.56                  | 15.90                 | 15.90                    | 15.90                  |
| 20                      | QPSK       | 1               | 1         | 14.51                 | 14.41                    | 14.44                  | 15.90                 | 15.90                    | 15.90                  |
| 20                      | QPSK       | 1               | 49        | 14.44                 | 14.59                    | 14.48                  | 15.90                 | 15.90                    | 15.90                  |
| 20                      | QPSK       | 25              | 12        | 14.43                 | 14.39                    | 14.54                  | 15.90                 | 15.90                    | 15.90                  |
| 20                      | QPSK       | 1               | 0         | 14.52                 | 14.42                    | 14.51                  | 15.90                 | 15.90                    | 15.90                  |
| 20                      | QPSK       | 1               | 50        | 14.50                 | 14.43                    | 14.46                  | 15.90                 | 15.90                    | 15.90                  |
| 20                      | QPSK       | 50              | 0         | 14.48                 | 14.44                    | 14.50                  | 15.90                 | 15.90                    | 15.90                  |
| 20                      | 16QAM      | 1               | 1         | 14.53                 | 14.47                    | 14.59                  | 15.90                 | 15.90                    | 15.90                  |
| 20                      | 64QAM      | 1               | 1         | 14.50                 | 14.50                    | 14.54                  | 15.90                 | 15.90                    | 15.90                  |
| 20                      | 256QAM     | 1               | 1         | 14.49                 | 14.50                    | 14.48                  | 15.90                 | 15.90                    | 15.90                  |
| Sub carrier spacing     |            | Channel         |           | 637168                | 641666                   | 646166                 | 637168                | 641666                   | 646166                 |
| 30k                     | Hz         | Frequency (MHz) |           | 3557.52               | 3624.99                  | 3692.49                | 3557.52               | 3624.99                  | 3692.49                |
| 15                      | PI/2 BPSK  | 1               | 1         | 14.64                 | 14.36                    | 14.55                  | 15.90                 | 15.90                    | 15.90                  |
| 15                      | PI/2 BPSK  | 1               | 36        | 14.34                 | 14.47                    | 14.55                  | 15.90                 | 15.90                    | 15.90                  |
| 15                      | PI/2 BPSK  | 18              | 9         | 14.55                 | 14.38                    | 14.13                  | 15.90                 | 15.90                    | 15.90                  |
| 15                      | PI/2 BPSK  | 1               | 0         | 14.39                 | 14.47                    | 14.49                  | 15.90                 | 15.90                    | 15.90                  |
| 15                      | PI/2 BPSK  | 1               | 37        | 14.50                 | 14.50                    | 14.29                  | 15.90                 | 15.90                    | 15.90                  |
| 15                      | PI/2 BPSK  | 36              | 0         | 14.51                 | 14.23                    | 14.55                  | 15.90                 | 15.90                    | 15.90                  |
| 15                      | QPSK       | 1               | 1         | 14.36                 | 14.33                    | 14.28                  | 15.90                 | 15.90                    | 15.90                  |
| 15                      | QPSK       | 1               | 36        | 14.43                 | 14.41                    | 14.35                  | 15.90                 | 15.90                    | 15.90                  |
| 15                      | QPSK       | 18              | 9         | 14.32                 | 14.29                    | 14.43                  | 15.90                 | 15.90                    | 15.90                  |
| 15                      | QPSK       | 1               | 0         | 14.43                 | 14.27                    | 14.43                  | 15.90                 | 15.90                    | 15.90                  |
| 15                      | QPSK       | 1               | 37        | 14.50                 | 14.35                    | 14.34                  | 15.90                 | 15.90                    | 15.90                  |
| 15                      | QPSK       | 36              | 0         | 14.42                 | 14.36                    | 14.45                  | 15.90                 | 15.90                    | 15.90                  |
| 15                      | 16QAM      | 1               | 1         | 14.40                 | 14.31                    | 14.55                  | 15.90                 | 15.90                    | 15.90                  |
| 15                      | 64QAM      | 1               | 1         | 14.37                 | 14.39                    | 14.37                  | 15.90                 | 15.90                    | 15.90                  |
| 15                      | 256QAM     | 1               | 1         | 14.43                 | 14.49                    | 14.30                  | 15.90                 | 15.90                    | 15.90                  |
| Sub carrier spacing     |            | Channel         |           | 637000                | 641666                   | 646332                 | 637000                | 641666                   | 646332                 |
| 30k                     | Hz         | Frequency (MHz) |           | 3555                  | 3624.99                  | 3694.98                | 3555                  | 3624.99                  | 3694.98                |



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|    |           |    |    |       |       |       |       |       |       |
|----|-----------|----|----|-------|-------|-------|-------|-------|-------|
| 10 | PI/2 BPSK | 1  | 1  | 14.52 | 14.35 | 14.50 | 15.90 | 15.90 | 15.90 |
| 10 | PI/2 BPSK | 1  | 22 | 14.37 | 14.50 | 14.38 | 15.90 | 15.90 | 15.90 |
| 10 | PI/2 BPSK | 12 | 6  | 14.44 | 14.41 | 14.17 | 15.90 | 15.90 | 15.90 |
| 10 | PI/2 BPSK | 1  | 0  | 14.41 | 14.46 | 14.41 | 15.90 | 15.90 | 15.90 |
| 10 | PI/2 BPSK | 1  | 23 | 14.47 | 14.44 | 14.23 | 15.90 | 15.90 | 15.90 |
| 10 | PI/2 BPSK | 24 | 0  | 14.38 | 14.28 | 14.49 | 15.90 | 15.90 | 15.90 |
| 10 | QPSK      | 1  | 1  | 14.46 | 14.40 | 14.36 | 15.90 | 15.90 | 15.90 |
| 10 | QPSK      | 1  | 22 | 14.31 | 14.43 | 14.40 | 15.90 | 15.90 | 15.90 |
| 10 | QPSK      | 12 | 6  | 14.27 | 14.28 | 14.52 | 15.90 | 15.90 | 15.90 |
| 10 | QPSK      | 1  | 0  | 14.41 | 14.27 | 14.45 | 15.90 | 15.90 | 15.90 |
| 10 | QPSK      | 1  | 23 | 14.38 | 14.31 | 14.27 | 15.90 | 15.90 | 15.90 |
| 10 | QPSK      | 24 | 0  | 14.30 | 14.37 | 14.35 | 15.90 | 15.90 | 15.90 |
| 10 | 16QAM     | 1  | 1  | 14.35 | 14.39 | 14.51 | 15.90 | 15.90 | 15.90 |
| 10 | 64QAM     | 1  | 1  | 14.38 | 14.47 | 14.37 | 15.90 | 15.90 | 15.90 |
| 10 | 256QAM    | 1  | 1  | 14.33 | 14.48 | 14.39 | 15.90 | 15.90 | 15.90 |



# FCC SAR TEST REPORT

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| <FR1 n48_Ant 5_Index 3> |            |                 |           |                          |                             |                           | Tune-up Limit            |                             |                           |
|-------------------------|------------|-----------------|-----------|--------------------------|-----------------------------|---------------------------|--------------------------|-----------------------------|---------------------------|
| BW [MHz]                | Modulation | RB Size         | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. |
| Sub carrier spacing     |            | Channel         |           | 638000                   | 641666                      | 645332                    | 638000                   | 641666                      | 645332                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3570                     | 3624.99                     | 3679.98                   | 3570                     | 3624.99                     | 3679.98                   |
| 40                      | PI/2 BPSK  | 1               | 1         | 13.79                    | 14.37                       | 13.50                     | 14.50                    | 15.20                       | 14.50                     |
| 40                      | PI/2 BPSK  | 1               | 104       | 13.42                    | 14.29                       | 13.12                     | 14.00                    | 15.20                       | 14.00                     |
| 40                      | PI/2 BPSK  | 50              | 25        | 13.58                    | 14.49                       | 13.25                     | 14.50                    | 15.20                       | 14.00                     |
| 40                      | PI/2 BPSK  | 1               | 0         | 13.78                    | 14.25                       | 13.45                     | 14.50                    | 15.20                       | 14.00                     |
| 40                      | PI/2 BPSK  | 1               | 105       | 13.39                    | 14.36                       | 13.17                     | 14.00                    | 15.20                       | 14.00                     |
| 40                      | PI/2 BPSK  | 100             | 0         | 13.58                    | 14.50                       | 13.32                     | 14.50                    | 15.20                       | 14.00                     |
| 40                      | QPSK       | 1               | 1         | 10.22                    | 14.39                       | 9.92                      | 11.00                    | 15.20                       | 10.50                     |
| 40                      | QPSK       | 1               | 104       | 9.87                     | 14.36                       | 9.61                      | 10.50                    | 15.20                       | 10.50                     |
| 40                      | QPSK       | 50              | 25        | 10.09                    | 14.27                       | 9.73                      | 11.00                    | 15.20                       | 10.50                     |
| 40                      | QPSK       | 1               | 0         | 10.19                    | 14.31                       | 10.00                     | 11.00                    | 15.20                       | 11.00                     |
| 40                      | QPSK       | 1               | 105       | 9.82                     | 14.27                       | 9.69                      | 10.50                    | 15.20                       | 10.50                     |
| 40                      | QPSK       | 100             | 0         | 10.07                    | 14.34                       | 9.77                      | 11.00                    | 15.20                       | 10.50                     |
| 40                      | 16QAM      | 1               | 1         | 10.43                    | 14.31                       | 10.00                     | 11.00                    | 15.20                       | 11.00                     |
| 40                      | 64QAM      | 1               | 1         | 10.02                    | 14.41                       | 10.11                     | 11.00                    | 15.20                       | 11.00                     |
| 40                      | 256QAM     | 1               | 1         | 10.20                    | 14.38                       | 9.83                      | 11.00                    | 15.20                       | 10.50                     |
| Sub carrier spacing     |            | Channel         |           | 637334                   | 641666                      | 646000                    | 637334                   | 641666                      | 646000                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3560.01                  | 3624.99                     | 3690                      | 3560.01                  | 3624.99                     | 3690                      |
| 20                      | PI/2 BPSK  | 1               | 1         | 14.65                    | 14.48                       | 14.59                     | 15.20                    | 15.20                       | 15.20                     |
| 20                      | PI/2 BPSK  | 1               | 49        | 14.39                    | 14.53                       | 14.58                     | 15.20                    | 15.20                       | 15.20                     |
| 20                      | PI/2 BPSK  | 25              | 12        | 14.60                    | 14.48                       | 14.30                     | 15.20                    | 15.20                       | 15.20                     |
| 20                      | PI/2 BPSK  | 1               | 0         | 14.51                    | 14.47                       | 14.57                     | 15.20                    | 15.20                       | 15.20                     |
| 20                      | PI/2 BPSK  | 1               | 50        | 14.54                    | 14.56                       | 14.39                     | 15.20                    | 15.20                       | 15.20                     |
| 20                      | PI/2 BPSK  | 50              | 0         | 14.51                    | 14.39                       | 14.56                     | 15.20                    | 15.20                       | 15.20                     |
| 20                      | QPSK       | 1               | 1         | 14.51                    | 14.41                       | 14.44                     | 15.20                    | 15.20                       | 15.20                     |
| 20                      | QPSK       | 1               | 49        | 14.44                    | 14.59                       | 14.48                     | 15.20                    | 15.20                       | 15.20                     |
| 20                      | QPSK       | 25              | 12        | 14.43                    | 14.39                       | 14.54                     | 15.20                    | 15.20                       | 15.20                     |
| 20                      | QPSK       | 1               | 0         | 14.52                    | 14.42                       | 14.51                     | 15.20                    | 15.20                       | 15.20                     |
| 20                      | QPSK       | 1               | 50        | 14.50                    | 14.43                       | 14.46                     | 15.20                    | 15.20                       | 15.20                     |
| 20                      | QPSK       | 50              | 0         | 14.48                    | 14.44                       | 14.50                     | 15.20                    | 15.20                       | 15.20                     |
| 20                      | 16QAM      | 1               | 1         | 14.53                    | 14.47                       | 14.59                     | 15.20                    | 15.20                       | 15.20                     |
| 20                      | 64QAM      | 1               | 1         | 14.50                    | 14.50                       | 14.54                     | 15.20                    | 15.20                       | 15.20                     |
| 20                      | 256QAM     | 1               | 1         | 14.49                    | 14.50                       | 14.48                     | 15.20                    | 15.20                       | 15.20                     |
| Sub carrier spacing     |            | Channel         |           | 637168                   | 641666                      | 646166                    | 637168                   | 641666                      | 646166                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3557.52                  | 3624.99                     | 3692.49                   | 3557.52                  | 3624.99                     | 3692.49                   |
| 15                      | PI/2 BPSK  | 1               | 1         | 14.64                    | 14.36                       | 14.55                     | 15.20                    | 15.20                       | 15.20                     |
| 15                      | PI/2 BPSK  | 1               | 36        | 14.34                    | 14.47                       | 14.55                     | 15.20                    | 15.20                       | 15.20                     |
| 15                      | PI/2 BPSK  | 18              | 9         | 14.55                    | 14.38                       | 14.13                     | 15.20                    | 15.20                       | 15.20                     |
| 15                      | PI/2 BPSK  | 1               | 0         | 14.39                    | 14.47                       | 14.49                     | 15.20                    | 15.20                       | 15.20                     |
| 15                      | PI/2 BPSK  | 1               | 37        | 14.50                    | 14.50                       | 14.29                     | 15.20                    | 15.20                       | 15.20                     |
| 15                      | PI/2 BPSK  | 36              | 0         | 14.51                    | 14.23                       | 14.55                     | 15.20                    | 15.20                       | 15.20                     |
| 15                      | QPSK       | 1               | 1         | 14.36                    | 14.33                       | 14.28                     | 15.20                    | 15.20                       | 15.20                     |
| 15                      | QPSK       | 1               | 36        | 14.43                    | 14.41                       | 14.35                     | 15.20                    | 15.20                       | 15.20                     |
| 15                      | QPSK       | 18              | 9         | 14.32                    | 14.29                       | 14.43                     | 15.20                    | 15.20                       | 15.20                     |
| 15                      | QPSK       | 1               | 0         | 14.43                    | 14.27                       | 14.43                     | 15.20                    | 15.20                       | 15.20                     |
| 15                      | QPSK       | 1               | 37        | 14.50                    | 14.35                       | 14.34                     | 15.20                    | 15.20                       | 15.20                     |
| 15                      | QPSK       | 36              | 0         | 14.42                    | 14.36                       | 14.45                     | 15.20                    | 15.20                       | 15.20                     |
| 15                      | 16QAM      | 1               | 1         | 14.40                    | 14.31                       | 14.55                     | 15.20                    | 15.20                       | 15.20                     |
| 15                      | 64QAM      | 1               | 1         | 14.37                    | 14.39                       | 14.37                     | 15.20                    | 15.20                       | 15.20                     |
| 15                      | 256QAM     | 1               | 1         | 14.43                    | 14.49                       | 14.30                     | 15.20                    | 15.20                       | 15.20                     |
| Sub carrier spacing     |            | Channel         |           | 637000                   | 641666                      | 646332                    | 637000                   | 641666                      | 646332                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3555                     | 3624.99                     | 3694.98                   | 3555                     | 3624.99                     | 3694.98                   |

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|    |           |    |    |       |       |       |       |       |       |
|----|-----------|----|----|-------|-------|-------|-------|-------|-------|
| 10 | PI/2 BPSK | 1  | 1  | 14.52 | 14.35 | 14.50 | 15.20 | 15.20 | 15.20 |
| 10 | PI/2 BPSK | 1  | 22 | 14.37 | 14.50 | 14.38 | 15.20 | 15.20 | 15.20 |
| 10 | PI/2 BPSK | 12 | 6  | 14.44 | 14.41 | 14.17 | 15.20 | 15.20 | 15.20 |
| 10 | PI/2 BPSK | 1  | 0  | 14.41 | 14.46 | 14.41 | 15.20 | 15.20 | 15.20 |
| 10 | PI/2 BPSK | 1  | 23 | 14.47 | 14.44 | 14.23 | 15.20 | 15.20 | 15.20 |
| 10 | PI/2 BPSK | 24 | 0  | 14.38 | 14.28 | 14.49 | 15.20 | 15.20 | 15.20 |
| 10 | QPSK      | 1  | 1  | 14.46 | 14.40 | 14.36 | 15.20 | 15.20 | 15.20 |
| 10 | QPSK      | 1  | 22 | 14.31 | 14.43 | 14.40 | 15.20 | 15.20 | 15.20 |
| 10 | QPSK      | 12 | 6  | 14.27 | 14.28 | 14.52 | 15.20 | 15.20 | 15.20 |
| 10 | QPSK      | 1  | 0  | 14.41 | 14.27 | 14.45 | 15.20 | 15.20 | 15.20 |
| 10 | QPSK      | 1  | 23 | 14.38 | 14.31 | 14.27 | 15.20 | 15.20 | 15.20 |
| 10 | QPSK      | 24 | 0  | 14.30 | 14.37 | 14.35 | 15.20 | 15.20 | 15.20 |
| 10 | 16QAM     | 1  | 1  | 14.35 | 14.39 | 14.51 | 15.20 | 15.20 | 15.20 |
| 10 | 64QAM     | 1  | 1  | 14.38 | 14.47 | 14.37 | 15.20 | 15.20 | 15.20 |
| 10 | 256QAM    | 1  | 1  | 14.33 | 14.48 | 14.39 | 15.20 | 15.20 | 15.20 |



# FCC SAR TEST REPORT

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| <FR1 n48_Ant 5_Index 4/6> |            |                 |           |                          |                             |                           | Tune-up Limit            |                             |                           |
|---------------------------|------------|-----------------|-----------|--------------------------|-----------------------------|---------------------------|--------------------------|-----------------------------|---------------------------|
| BW [MHz]                  | Modulation | RB Size         | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. |
| Sub carrier spacing       |            | Channel         |           | 638000                   | 641666                      | 645332                    | 638000                   | 641666                      | 645332                    |
| 30k                       | Hz         | Frequency (MHz) |           | 3570                     | 3624.99                     | 3679.98                   | 3570                     | 3624.99                     | 3679.98                   |
| 40                        | PI/2 BPSK  | 1               | 1         | 13.79                    | 19.04                       | 13.50                     | 14.50                    | 20.60                       | 14.50                     |
| 40                        | PI/2 BPSK  | 1               | 104       | 13.42                    | 19.03                       | 13.12                     | 14.00                    | 20.50                       | 14.00                     |
| 40                        | PI/2 BPSK  | 50              | 25        | 13.58                    | 19.72                       | 13.25                     | 14.50                    | 20.60                       | 14.00                     |
| 40                        | PI/2 BPSK  | 1               | 0         | 13.78                    | 19.10                       | 13.45                     | 14.50                    | 20.60                       | 14.00                     |
| 40                        | PI/2 BPSK  | 1               | 105       | 13.39                    | 19.01                       | 13.17                     | 14.00                    | 20.50                       | 14.00                     |
| 40                        | PI/2 BPSK  | 100             | 0         | 13.58                    | 19.55                       | 13.32                     | 14.50                    | 20.50                       | 14.00                     |
| 40                        | QPSK       | 1               | 1         | 10.22                    | 19.05                       | 9.92                      | 11.00                    | 20.60                       | 10.50                     |
| 40                        | QPSK       | 1               | 104       | 9.87                     | 19.83                       | 9.61                      | 10.50                    | 20.50                       | 10.50                     |
| 40                        | QPSK       | 50              | 25        | 10.09                    | 19.62                       | 9.73                      | 11.00                    | 20.60                       | 10.50                     |
| 40                        | QPSK       | 1               | 0         | 10.19                    | 19.03                       | 10.00                     | 11.00                    | 20.60                       | 11.00                     |
| 40                        | QPSK       | 1               | 105       | 9.82                     | 19.79                       | 9.69                      | 10.50                    | 20.50                       | 10.50                     |
| 40                        | QPSK       | 100             | 0         | 10.07                    | 19.54                       | 9.77                      | 11.00                    | 20.50                       | 10.50                     |
| 40                        | 16QAM      | 1               | 1         | 10.43                    | 19.33                       | 10.00                     | 11.00                    | 20.60                       | 11.00                     |
| 40                        | 64QAM      | 1               | 1         | 10.02                    | 19.02                       | 10.11                     | 11.00                    | 20.60                       | 11.00                     |
| 40                        | 256QAM     | 1               | 1         | 10.20                    | 18.88                       | 9.83                      | 11.00                    | 20.50                       | 10.50                     |
| Sub carrier spacing       |            | Channel         |           | 637334                   | 641666                      | 646000                    | 637334                   | 641666                      | 646000                    |
| 30k                       | Hz         | Frequency (MHz) |           | 3560.01                  | 3624.99                     | 3690                      | 3560.01                  | 3624.99                     | 3690                      |
| 20                        | PI/2 BPSK  | 1               | 1         | 19.04                    | 19.57                       | 19.34                     | 20.60                    | 20.60                       | 20.60                     |
| 20                        | PI/2 BPSK  | 1               | 49        | 19.27                    | 19.45                       | 19.30                     | 20.60                    | 20.60                       | 20.50                     |
| 20                        | PI/2 BPSK  | 25              | 12        | 19.41                    | 19.45                       | 19.42                     | 20.60                    | 20.60                       | 20.60                     |
| 20                        | PI/2 BPSK  | 1               | 0         | 19.03                    | 19.44                       | 19.30                     | 20.60                    | 20.60                       | 20.60                     |
| 20                        | PI/2 BPSK  | 1               | 50        | 19.22                    | 19.46                       | 19.33                     | 20.60                    | 20.60                       | 20.50                     |
| 20                        | PI/2 BPSK  | 50              | 0         | 19.12                    | 19.46                       | 19.58                     | 20.60                    | 20.60                       | 20.50                     |
| 20                        | QPSK       | 1               | 1         | 19.05                    | 19.33                       | 19.46                     | 20.60                    | 20.60                       | 20.60                     |
| 20                        | QPSK       | 1               | 49        | 19.33                    | 19.35                       | 19.62                     | 20.60                    | 20.60                       | 20.50                     |
| 20                        | QPSK       | 25              | 12        | 19.42                    | 19.33                       | 19.23                     | 20.60                    | 20.60                       | 20.60                     |
| 20                        | QPSK       | 1               | 0         | 19.03                    | 19.26                       | 19.21                     | 20.60                    | 20.60                       | 20.60                     |
| 20                        | QPSK       | 1               | 50        | 19.23                    | 19.39                       | 19.65                     | 20.60                    | 20.60                       | 20.50                     |
| 20                        | QPSK       | 50              | 0         | 19.01                    | 19.26                       | 19.60                     | 20.60                    | 20.60                       | 20.50                     |
| 20                        | 16QAM      | 1               | 1         | 19.08                    | 19.31                       | 19.22                     | 20.00                    | 20.60                       | 20.60                     |
| 20                        | 64QAM      | 1               | 1         | 19.06                    | 19.60                       | 19.32                     | 20.00                    | 20.60                       | 20.60                     |
| 20                        | 256QAM     | 1               | 1         | 19.76                    | 19.40                       | 19.07                     | 20.50                    | 20.00                       | 20.00                     |
| Sub carrier spacing       |            | Channel         |           | 637168                   | 641666                      | 646166                    | 637168                   | 641666                      | 646166                    |
| 30k                       | Hz         | Frequency (MHz) |           | 3557.52                  | 3624.99                     | 3692.49                   | 3557.52                  | 3624.99                     | 3692.49                   |
| 15                        | PI/2 BPSK  | 1               | 1         | 18.96                    | 19.54                       | 19.20                     | 20.60                    | 20.60                       | 20.60                     |
| 15                        | PI/2 BPSK  | 1               | 36        | 19.24                    | 19.35                       | 19.24                     | 20.60                    | 20.60                       | 20.50                     |
| 15                        | PI/2 BPSK  | 18              | 9         | 19.38                    | 19.39                       | 19.31                     | 20.60                    | 20.60                       | 20.60                     |
| 15                        | PI/2 BPSK  | 1               | 0         | 18.88                    | 19.40                       | 19.18                     | 20.60                    | 20.60                       | 20.60                     |
| 15                        | PI/2 BPSK  | 1               | 37        | 19.07                    | 19.33                       | 19.28                     | 20.60                    | 20.60                       | 20.50                     |
| 15                        | PI/2 BPSK  | 36              | 0         | 19.05                    | 19.35                       | 19.54                     | 20.50                    | 20.60                       | 20.50                     |
| 15                        | QPSK       | 1               | 1         | 18.99                    | 19.19                       | 19.33                     | 20.60                    | 20.60                       | 20.60                     |
| 15                        | QPSK       | 1               | 36        | 19.20                    | 19.32                       | 19.58                     | 20.60                    | 20.60                       | 20.50                     |
| 15                        | QPSK       | 18              | 9         | 19.39                    | 19.29                       | 19.12                     | 20.60                    | 20.60                       | 20.60                     |
| 15                        | QPSK       | 1               | 0         | 18.90                    | 19.14                       | 19.15                     | 20.60                    | 20.60                       | 20.60                     |
| 15                        | QPSK       | 1               | 37        | 19.17                    | 19.26                       | 19.50                     | 20.60                    | 20.60                       | 20.50                     |
| 15                        | QPSK       | 36              | 0         | 18.97                    | 19.15                       | 19.57                     | 20.50                    | 20.60                       | 20.50                     |
| 15                        | 16QAM      | 1               | 1         | 18.99                    | 19.22                       | 19.33                     | 19.50                    | 20.60                       | 20.60                     |
| 15                        | 64QAM      | 1               | 1         | 19.36                    | 19.19                       | 19.22                     | 20.00                    | 20.60                       | 20.60                     |
| 15                        | 256QAM     | 1               | 1         | 19.60                    | 19.65                       | 19.09                     | 20.50                    | 20.50                       | 20.00                     |
| Sub carrier spacing       |            | Channel         |           | 637000                   | 641666                      | 646332                    | 637000                   | 641666                      | 646332                    |
| 30k                       | Hz         | Frequency (MHz) |           | 3555                     | 3624.99                     | 3694.98                   | 3555                     | 3624.99                     | 3694.98                   |



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|    |           |    |    |       |       |       |       |       |       |
|----|-----------|----|----|-------|-------|-------|-------|-------|-------|
| 10 | PI/2 BPSK | 1  | 1  | 18.93 | 19.52 | 19.30 | 20.60 | 20.60 | 20.60 |
| 10 | PI/2 BPSK | 1  | 22 | 19.20 | 19.37 | 19.22 | 20.60 | 20.60 | 20.60 |
| 10 | PI/2 BPSK | 12 | 6  | 19.38 | 19.35 | 19.39 | 20.60 | 20.60 | 20.60 |
| 10 | PI/2 BPSK | 1  | 0  | 18.96 | 19.36 | 19.26 | 20.60 | 20.60 | 20.60 |
| 10 | PI/2 BPSK | 1  | 23 | 19.15 | 19.40 | 19.30 | 20.60 | 20.60 | 20.60 |
| 10 | PI/2 BPSK | 24 | 0  | 19.02 | 19.38 | 19.51 | 20.60 | 20.60 | 20.60 |
| 10 | QPSK      | 1  | 1  | 18.94 | 19.24 | 19.39 | 20.60 | 20.60 | 20.60 |
| 10 | QPSK      | 1  | 22 | 19.30 | 19.26 | 19.57 | 20.60 | 20.60 | 20.60 |
| 10 | QPSK      | 12 | 6  | 19.34 | 19.23 | 19.13 | 20.60 | 20.60 | 20.60 |
| 10 | QPSK      | 1  | 0  | 18.93 | 19.22 | 19.18 | 20.60 | 20.60 | 20.60 |
| 10 | QPSK      | 1  | 23 | 19.17 | 19.32 | 19.57 | 20.60 | 20.60 | 20.60 |
| 10 | QPSK      | 24 | 0  | 18.92 | 19.20 | 19.55 | 20.60 | 20.60 | 20.60 |
| 10 | 16QAM     | 1  | 1  | 19.00 | 19.26 | 19.15 | 20.60 | 20.60 | 20.60 |
| 10 | 64QAM     | 1  | 1  | 19.02 | 19.54 | 19.27 | 20.60 | 20.60 | 20.60 |
| 10 | 256QAM    | 1  | 1  | 19.31 | 19.89 | 18.97 | 20.00 | 20.50 | 19.50 |



# FCC SAR TEST REPORT

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| <FR1 n48_Ant 5_Index 5> |            |                 |           |                          |                             |                           | Tune-up Limit            |                             |                           |
|-------------------------|------------|-----------------|-----------|--------------------------|-----------------------------|---------------------------|--------------------------|-----------------------------|---------------------------|
| BW [MHz]                | Modulation | RB Size         | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. |
| Sub carrier spacing     |            | Channel         |           | 638000                   | 641666                      | 645332                    | 638000                   | 641666                      | 645332                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3570                     | 3624.99                     | 3679.98                   | 3570                     | 3624.99                     | 3679.98                   |
| 40                      | PI/2 BPSK  | 1               | 1         | 13.79                    | 20.04                       | 13.50                     | 14.50                    | 21.00                       | 14.50                     |
| 40                      | PI/2 BPSK  | 1               | 104       | 13.42                    | 19.84                       | 13.12                     | 14.00                    | 20.50                       | 14.00                     |
| 40                      | PI/2 BPSK  | 50              | 25        | 13.58                    | 21.66                       | 13.25                     | 14.50                    | 22.60                       | 14.00                     |
| 40                      | PI/2 BPSK  | 1               | 0         | 13.78                    | 20.07                       | 13.45                     | 14.50                    | 21.00                       | 14.00                     |
| 40                      | PI/2 BPSK  | 1               | 105       | 13.39                    | 19.83                       | 13.17                     | 14.00                    | 20.50                       | 14.00                     |
| 40                      | PI/2 BPSK  | 100             | 0         | 13.58                    | 19.55                       | 13.32                     | 14.50                    | 20.50                       | 14.00                     |
| 40                      | QPSK       | 1               | 1         | 10.22                    | 20.05                       | 9.92                      | 11.00                    | 21.00                       | 10.50                     |
| 40                      | QPSK       | 1               | 104       | 9.87                     | 19.83                       | 9.61                      | 10.50                    | 20.50                       | 10.50                     |
| 40                      | QPSK       | 50              | 25        | 10.09                    | 21.61                       | 9.73                      | 11.00                    | 22.60                       | 10.50                     |
| 40                      | QPSK       | 1               | 0         | 10.19                    | 20.08                       | 10.00                     | 11.00                    | 21.00                       | 11.00                     |
| 40                      | QPSK       | 1               | 105       | 9.82                     | 19.79                       | 9.69                      | 10.50                    | 20.50                       | 10.50                     |
| 40                      | QPSK       | 100             | 0         | 10.07                    | 19.54                       | 9.77                      | 11.00                    | 20.50                       | 10.50                     |
| 40                      | 16QAM      | 1               | 1         | 10.43                    | 20.34                       | 10.00                     | 11.00                    | 21.00                       | 11.00                     |
| 40                      | 64QAM      | 1               | 1         | 10.02                    | 20.02                       | 10.11                     | 11.00                    | 21.00                       | 11.00                     |
| 40                      | 256QAM     | 1               | 1         | 10.20                    | 19.75                       | 9.83                      | 11.00                    | 20.50                       | 10.50                     |
| Sub carrier spacing     |            | Channel         |           | 637334                   | 641666                      | 646000                    | 637334                   | 641666                      | 646000                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3560.01                  | 3624.99                     | 3690                      | 3560.01                  | 3624.99                     | 3690                      |
| 20                      | PI/2 BPSK  | 1               | 1         | 20.04                    | 21.57                       | 21.34                     | 21.00                    | 22.60                       | 22.60                     |
| 20                      | PI/2 BPSK  | 1               | 49        | 21.27                    | 21.45                       | 19.63                     | 22.60                    | 22.60                       | 20.50                     |
| 20                      | PI/2 BPSK  | 25              | 12        | 21.42                    | 21.43                       | 21.39                     | 22.60                    | 22.60                       | 22.60                     |
| 20                      | PI/2 BPSK  | 1               | 0         | 20.02                    | 21.44                       | 21.30                     | 21.00                    | 22.60                       | 22.60                     |
| 20                      | PI/2 BPSK  | 1               | 50        | 21.22                    | 21.46                       | 19.63                     | 22.60                    | 22.60                       | 20.50                     |
| 20                      | PI/2 BPSK  | 50              | 0         | 20.03                    | 21.44                       | 19.58                     | 21.00                    | 22.60                       | 20.50                     |
| 20                      | QPSK       | 1               | 1         | 20.11                    | 21.33                       | 21.46                     | 21.00                    | 22.60                       | 22.60                     |
| 20                      | QPSK       | 1               | 49        | 21.33                    | 21.35                       | 19.62                     | 22.60                    | 22.60                       | 20.50                     |
| 20                      | QPSK       | 25              | 12        | 21.42                    | 21.33                       | 21.23                     | 22.60                    | 22.60                       | 22.60                     |
| 20                      | QPSK       | 1               | 0         | 20.08                    | 21.26                       | 21.21                     | 21.00                    | 22.60                       | 22.60                     |
| 20                      | QPSK       | 1               | 50        | 21.23                    | 21.39                       | 19.65                     | 22.60                    | 22.60                       | 20.50                     |
| 20                      | QPSK       | 50              | 0         | 20.01                    | 21.26                       | 19.60                     | 21.00                    | 22.60                       | 20.50                     |
| 20                      | 16QAM      | 1               | 1         | 19.08                    | 21.31                       | 21.22                     | 20.00                    | 22.60                       | 22.60                     |
| 20                      | 64QAM      | 1               | 1         | 19.06                    | 21.60                       | 21.32                     | 20.00                    | 22.50                       | 22.00                     |
| 20                      | 256QAM     | 1               | 1         | 19.76                    | 19.40                       | 19.07                     | 20.50                    | 20.00                       | 20.00                     |
| Sub carrier spacing     |            | Channel         |           | 637168                   | 641666                      | 646166                    | 637168                   | 641666                      | 646166                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3557.52                  | 3624.99                     | 3692.49                   | 3557.52                  | 3624.99                     | 3692.49                   |
| 15                      | PI/2 BPSK  | 1               | 1         | 20.01                    | 21.28                       | 21.25                     | 21.00                    | 22.60                       | 22.60                     |
| 15                      | PI/2 BPSK  | 1               | 36        | 21.27                    | 21.26                       | 19.64                     | 22.60                    | 22.60                       | 20.50                     |
| 15                      | PI/2 BPSK  | 18              | 9         | 21.27                    | 21.29                       | 21.33                     | 22.60                    | 22.60                       | 22.60                     |
| 15                      | PI/2 BPSK  | 1               | 0         | 20.01                    | 21.23                       | 21.26                     | 21.00                    | 22.60                       | 22.60                     |
| 15                      | PI/2 BPSK  | 1               | 37        | 21.23                    | 21.24                       | 19.63                     | 22.60                    | 22.60                       | 20.50                     |
| 15                      | PI/2 BPSK  | 36              | 0         | 19.95                    | 21.29                       | 19.58                     | 20.50                    | 22.60                       | 20.50                     |
| 15                      | QPSK       | 1               | 1         | 20.05                    | 21.26                       | 21.27                     | 21.00                    | 22.60                       | 22.60                     |
| 15                      | QPSK       | 1               | 36        | 21.25                    | 21.27                       | 19.68                     | 22.60                    | 22.60                       | 20.50                     |
| 15                      | QPSK       | 18              | 9         | 21.26                    | 21.33                       | 21.26                     | 22.60                    | 22.60                       | 22.60                     |
| 15                      | QPSK       | 1               | 0         | 20.04                    | 21.27                       | 21.24                     | 21.00                    | 22.60                       | 22.60                     |
| 15                      | QPSK       | 1               | 37        | 21.32                    | 21.28                       | 19.69                     | 22.60                    | 22.60                       | 20.50                     |
| 15                      | QPSK       | 36              | 0         | 19.96                    | 21.32                       | 19.62                     | 20.50                    | 22.60                       | 20.50                     |
| 15                      | 16QAM      | 1               | 1         | 18.99                    | 21.31                       | 21.32                     | 19.50                    | 22.60                       | 22.60                     |
| 15                      | 64QAM      | 1               | 1         | 19.36                    | 21.41                       | 21.54                     | 20.00                    | 22.00                       | 22.50                     |
| 15                      | 256QAM     | 1               | 1         | 19.60                    | 19.65                       | 19.09                     | 20.50                    | 20.50                       | 20.00                     |
| Sub carrier spacing     |            | Channel         |           | 637000                   | 641666                      | 646332                    | 637000                   | 641666                      | 646332                    |
| 30k                     | Hz         | Frequency (MHz) |           | 3555                     | 3624.99                     | 3694.98                   | 3555                     | 3624.99                     | 3694.98                   |



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|    |           |    |    |       |       |       |       |       |       |
|----|-----------|----|----|-------|-------|-------|-------|-------|-------|
| 10 | PI/2 BPSK | 1  | 1  | 21.28 | 21.26 | 21.38 | 22.60 | 22.60 | 22.60 |
| 10 | PI/2 BPSK | 1  | 22 | 21.36 | 21.31 | 21.31 | 22.60 | 22.60 | 22.60 |
| 10 | PI/2 BPSK | 12 | 6  | 21.23 | 21.30 | 21.39 | 22.60 | 22.60 | 22.60 |
| 10 | PI/2 BPSK | 1  | 0  | 20.45 | 21.27 | 21.39 | 21.00 | 22.60 | 22.60 |
| 10 | PI/2 BPSK | 1  | 23 | 21.35 | 21.29 | 21.41 | 22.60 | 22.60 | 22.60 |
| 10 | PI/2 BPSK | 24 | 0  | 21.33 | 21.40 | 21.41 | 22.60 | 22.60 | 22.60 |
| 10 | QPSK      | 1  | 1  | 21.26 | 21.27 | 21.32 | 22.60 | 22.60 | 22.60 |
| 10 | QPSK      | 1  | 22 | 21.28 | 21.40 | 21.33 | 22.60 | 22.60 | 22.60 |
| 10 | QPSK      | 12 | 6  | 21.29 | 21.37 | 21.27 | 22.60 | 22.60 | 22.60 |
| 10 | QPSK      | 1  | 0  | 21.40 | 21.24 | 21.25 | 22.60 | 22.60 | 22.60 |
| 10 | QPSK      | 1  | 23 | 21.37 | 21.42 | 21.23 | 22.60 | 22.60 | 22.60 |
| 10 | QPSK      | 24 | 0  | 21.24 | 21.26 | 21.32 | 22.60 | 22.60 | 22.60 |
| 10 | 16QAM     | 1  | 1  | 21.25 | 21.39 | 21.35 | 22.60 | 22.60 | 22.60 |
| 10 | 64QAM     | 1  | 1  | 21.51 | 21.40 | 21.26 | 22.50 | 22.00 | 22.00 |
| 10 | 256QAM    | 1  | 1  | 19.31 | 19.89 | 18.97 | 20.00 | 20.50 | 19.50 |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 | 25.2                |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.35                    | 24.26                  |                     |
| 40              | PI/2 BPSK  | 1       | 108       | 24.28                 | 24.28                    | 24.18                  | 24.7                |
| 40              | PI/2 BPSK  | 1       | 214       | 24.08                 | 24.14                    | 24.14                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 23.80                 | 23.88                    | 23.83                  |                     |
| 40              | PI/2 BPSK  | 108     | 54        | 24.23                 | 24.29                    | 24.23                  | 24.7                |
| 40              | PI/2 BPSK  | 108     | 108       | 23.72                 | 23.82                    | 23.73                  |                     |
| 40              | PI/2 BPSK  | 216     | 0         | 23.73                 | 23.83                    | 23.74                  |                     |
| 40              | QPSK       | 1       | 1         | 24.34                 | 24.34                    | 24.26                  | 25.2                |
| 40              | QPSK       | 1       | 108       | 24.25                 | 24.29                    | 24.21                  |                     |
| 40              | QPSK       | 1       | 214       | 24.02                 | 24.09                    | 24.09                  |                     |
| 40              | QPSK       | 108     | 0         | 23.33                 | 23.37                    | 23.31                  | 25.2                |
| 40              | QPSK       | 108     | 54        | 24.12                 | 24.22                    | 24.22                  |                     |
| 40              | QPSK       | 108     | 108       | 23.29                 | 23.31                    | 23.28                  |                     |
| 40              | QPSK       | 216     | 0         | 23.26                 | 23.33                    | 23.26                  | 24.2                |
| 40              | 16QAM      | 1       | 1         | 23.02                 | 23.02                    | 22.96                  |                     |
| 40              | 64QAM      | 1       | 1         | 21.89                 | 21.99                    | 21.93                  |                     |
| 40              | 256QAM     | 1       | 1         | 19.72                 | 19.73                    | 19.69                  | 20.7                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | 25.2                |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.33                    | 24.22                  |                     |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | 25.2                |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.31                    | 24.17                  |                     |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | 25.2                |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.27                 | 24.31                    | 24.18                  |                     |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | 25.2                |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.27                 | 24.32                    | 24.17                  |                     |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | 25.2                |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.27                 | 24.31                    | 24.16                  |                     |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | 25.2                |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.24                 | 24.32                    | 24.21                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 | 25.2                |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.35                    | 24.26                  |                     |
| 40              | PI/2 BPSK  | 1       | 108       | 24.28                 | 24.28                    | 24.18                  | 24.7                |
| 40              | PI/2 BPSK  | 1       | 214       | 24.08                 | 24.14                    | 24.14                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 23.80                 | 23.88                    | 23.83                  |                     |
| 40              | PI/2 BPSK  | 108     | 54        | 24.23                 | 24.29                    | 24.23                  | 25.2                |
| 40              | PI/2 BPSK  | 108     | 108       | 23.72                 | 23.82                    | 23.73                  | 24.7                |
| 40              | PI/2 BPSK  | 216     | 0         | 23.73                 | 23.83                    | 23.74                  |                     |
| 40              | QPSK       | 1       | 1         | 24.34                 | 24.34                    | 24.26                  |                     |
| 40              | QPSK       | 1       | 108       | 24.25                 | 24.29                    | 24.21                  | 25.2                |
| 40              | QPSK       | 1       | 214       | 24.02                 | 24.09                    | 24.09                  |                     |
| 40              | QPSK       | 108     | 0         | 23.33                 | 23.37                    | 23.31                  |                     |
| 40              | QPSK       | 108     | 54        | 24.12                 | 24.22                    | 24.22                  | 24.2                |
| 40              | QPSK       | 108     | 108       | 23.29                 | 23.31                    | 23.28                  | 25.2                |
| 40              | QPSK       | 216     | 0         | 23.26                 | 23.33                    | 23.26                  |                     |
| 40              | 16QAM      | 1       | 1         | 23.02                 | 23.02                    | 22.96                  |                     |
| 40              | 64QAM      | 1       | 1         | 21.89                 | 21.99                    | 21.93                  | 24.2                |
| 40              | 256QAM     | 1       | 1         | 19.72                 | 19.73                    | 19.69                  | 22.7                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | 20.7                |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   | Tune-up limit (dBm) |
| 30              | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.33                    | 24.22                  | 25.2                |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | 25.2                |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.31                    | 24.17                  |                     |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | 25.2                |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.27                 | 24.31                    | 24.18                  |                     |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | 25.2                |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.27                 | 24.32                    | 24.17                  |                     |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | 25.2                |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.27                 | 24.31                    | 24.16                  |                     |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | 25.2                |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.24                 | 24.32                    | 24.21                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 346000                   | 349000                      | 352000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1730                     | 1745                        | 1760                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.49                    | 21.68                       | 21.60                     |                        |
| 40              | PI/2 BPSK  | 1       | 108       | 21.48                    | 21.67                       | 21.59                     | 22.7                   |
| 40              | PI/2 BPSK  | 1       | 214       | 21.24                    | 21.43                       | 21.35                     |                        |
| 40              | PI/2 BPSK  | 108     | 0         | 21.44                    | 21.63                       | 21.55                     |                        |
| 40              | PI/2 BPSK  | 108     | 54        | 21.47                    | 21.66                       | 21.58                     | 22.7                   |
| 40              | PI/2 BPSK  | 108     | 108       | 21.36                    | 21.55                       | 21.47                     | 22.7                   |
| 40              | PI/2 BPSK  | 216     | 0         | 21.40                    | 21.59                       | 21.51                     |                        |
| 40              | QPSK       | 1       | 1         | 21.47                    | 21.66                       | 21.58                     |                        |
| 40              | QPSK       | 1       | 108       | 21.47                    | 21.66                       | 21.58                     | 22.7                   |
| 40              | QPSK       | 1       | 214       | 21.22                    | 21.41                       | 21.33                     |                        |
| 40              | QPSK       | 108     | 0         | 21.42                    | 21.61                       | 21.53                     |                        |
| 40              | QPSK       | 108     | 54        | 21.46                    | 21.65                       | 21.57                     | 22.7                   |
| 40              | QPSK       | 108     | 108       | 21.35                    | 21.54                       | 21.46                     | 22.7                   |
| 40              | QPSK       | 216     | 0         | 21.39                    | 21.58                       | 21.50                     |                        |
| 40              | 16QAM      | 1       | 1         | 21.26                    | 21.45                       | 21.37                     |                        |
| 40              | 64QAM      | 1       | 1         | 21.17                    | 21.36                       | 21.28                     | 22.7                   |
| 40              | 256QAM     | 1       | 1         | 19.52                    | 19.69                       | 19.62                     | 20.7                   |
| Channel         |            |         |           | 345000                   | 349000                      | 353000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1725                     | 1745                        | 1765                      |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.39                    | 21.57                       | 21.55                     |                        |
| Channel         |            |         |           | 344500                   | 349000                      | 353500                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1722.5                   | 1745                        | 1767.5                    |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.38                    | 21.57                       | 21.52                     |                        |
| Channel         |            |         |           | 344000                   | 349000                      | 354000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1720                     | 1745                        | 1770                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.43                    | 21.56                       | 21.49                     |                        |
| Channel         |            |         |           | 343500                   | 349000                      | 354500                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1717.5                   | 1745                        | 1772.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.43                    | 21.57                       | 21.55                     |                        |
| Channel         |            |         |           | 343000                   | 349000                      | 355000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1715                     | 1745                        | 1775                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.46                    | 21.59                       | 21.50                     |                        |
| Channel         |            |         |           | 342500                   | 349000                      | 355500                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1712.5                   | 1745                        | 1777.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 21.39                    | 21.61                       | 21.54                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 | 25.0                |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.35                    | 24.26                  |                     |
| 40              | PI/2 BPSK  | 1       | 108       | 24.28                 | 24.28                    | 24.18                  | 24.7                |
| 40              | PI/2 BPSK  | 1       | 214       | 24.08                 | 24.14                    | 24.14                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 23.80                 | 23.88                    | 23.83                  |                     |
| 40              | PI/2 BPSK  | 108     | 54        | 24.23                 | 24.29                    | 24.23                  | 24.7                |
| 40              | PI/2 BPSK  | 108     | 108       | 23.72                 | 23.82                    | 23.73                  |                     |
| 40              | PI/2 BPSK  | 216     | 0         | 23.73                 | 23.83                    | 23.74                  |                     |
| 40              | QPSK       | 1       | 1         | 24.34                 | 24.34                    | 24.26                  | 25.0                |
| 40              | QPSK       | 1       | 108       | 24.25                 | 24.29                    | 24.21                  |                     |
| 40              | QPSK       | 1       | 214       | 24.02                 | 24.09                    | 24.09                  |                     |
| 40              | QPSK       | 108     | 0         | 23.33                 | 23.37                    | 23.31                  | 25.0                |
| 40              | QPSK       | 108     | 54        | 24.12                 | 24.22                    | 24.22                  |                     |
| 40              | QPSK       | 108     | 108       | 23.29                 | 23.31                    | 23.28                  |                     |
| 40              | QPSK       | 216     | 0         | 23.26                 | 23.33                    | 23.26                  | 24.2                |
| 40              | 16QAM      | 1       | 1         | 23.02                 | 23.02                    | 22.96                  |                     |
| 40              | 64QAM      | 1       | 1         | 21.89                 | 21.99                    | 21.93                  |                     |
| 40              | 256QAM     | 1       | 1         | 19.72                 | 19.73                    | 19.69                  | 20.7                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | 25.0                |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.33                    | 24.22                  |                     |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | 25.0                |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.31                    | 24.17                  |                     |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | 25.0                |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.27                 | 24.31                    | 24.18                  |                     |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | 25.0                |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.27                 | 24.32                    | 24.17                  |                     |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | 25.0                |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.27                 | 24.31                    | 24.16                  |                     |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | 25.0                |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.24                 | 24.32                    | 24.21                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 346000                   | 349000                      | 352000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1730                     | 1745                        | 1760                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.49                    | 21.68                       | 21.60                     |                        |
| 40              | PI/2 BPSK  | 1       | 108       | 21.48                    | 21.67                       | 21.59                     | 22.7                   |
| 40              | PI/2 BPSK  | 1       | 214       | 21.24                    | 21.43                       | 21.35                     |                        |
| 40              | PI/2 BPSK  | 108     | 0         | 21.44                    | 21.63                       | 21.55                     |                        |
| 40              | PI/2 BPSK  | 108     | 54        | 21.47                    | 21.66                       | 21.58                     | 22.7                   |
| 40              | PI/2 BPSK  | 108     | 108       | 21.36                    | 21.55                       | 21.47                     | 22.7                   |
| 40              | PI/2 BPSK  | 216     | 0         | 21.40                    | 21.59                       | 21.51                     |                        |
| 40              | QPSK       | 1       | 1         | 21.47                    | 21.66                       | 21.58                     |                        |
| 40              | QPSK       | 1       | 108       | 21.47                    | 21.66                       | 21.58                     | 22.7                   |
| 40              | QPSK       | 1       | 214       | 21.22                    | 21.41                       | 21.33                     |                        |
| 40              | QPSK       | 108     | 0         | 21.42                    | 21.61                       | 21.53                     |                        |
| 40              | QPSK       | 108     | 54        | 21.46                    | 21.65                       | 21.57                     | 22.7                   |
| 40              | QPSK       | 108     | 108       | 21.35                    | 21.54                       | 21.46                     | 22.7                   |
| 40              | QPSK       | 216     | 0         | 21.39                    | 21.58                       | 21.50                     |                        |
| 40              | 16QAM      | 1       | 1         | 21.26                    | 21.45                       | 21.37                     |                        |
| 40              | 64QAM      | 1       | 1         | 21.17                    | 21.36                       | 21.28                     | 22.7                   |
| 40              | 256QAM     | 1       | 1         | 19.52                    | 19.69                       | 19.62                     | 20.7                   |
| Channel         |            |         |           | 345000                   | 349000                      | 353000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1725                     | 1745                        | 1765                      |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.39                    | 21.57                       | 21.55                     |                        |
| Channel         |            |         |           | 344500                   | 349000                      | 353500                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1722.5                   | 1745                        | 1767.5                    |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.38                    | 21.57                       | 21.52                     |                        |
| Channel         |            |         |           | 344000                   | 349000                      | 354000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1720                     | 1745                        | 1770                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.43                    | 21.56                       | 21.49                     |                        |
| Channel         |            |         |           | 343500                   | 349000                      | 354500                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1717.5                   | 1745                        | 1772.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.43                    | 21.57                       | 21.55                     |                        |
| Channel         |            |         |           | 343000                   | 349000                      | 355000                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1715                     | 1745                        | 1775                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.46                    | 21.59                       | 21.50                     |                        |
| Channel         |            |         |           | 342500                   | 349000                      | 355500                    | 22.7                   |
| Frequency (MHz) |            |         |           | 1712.5                   | 1745                        | 1777.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 21.39                    | 21.61                       | 21.54                     |                        |

**<FR1 n70\_Ant 0\_Index 2>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 24.16                    |                        | 25.2                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 24.01                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 24.04                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 23.54                    |                        | 24.7                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 24.12                    |                        | 25.2                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 23.62                    |                        | 24.7                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 23.63                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 24.13                    |                        | 25.2                |
| 15              | QPSK       | 1       | 40        |                       | 24.11                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 24.10                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 23.11                    |                        | 24.2                |
| 15              | QPSK       | 36      | 22        |                       | 24.15                    |                        | 25.2                |
| 15              | QPSK       | 36      | 43        |                       | 23.14                    |                        | 24.2                |
| 15              | QPSK       | 75      | 0         |                       | 23.15                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 23.12                    |                        | 24.2                |
| 15              | 64QAM      | 1       | 1         |                       | 21.72                    |                        | 22.7                |
| 15              | 256QAM     | 1       | 1         |                       | 19.60                    |                        | 20.7                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.08                 | 24.10                    | 24.11                  | 25.2                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.10                 | 24.09                    | 24.05                  | 25.2                |

**<FR1 n70\_Ant 0\_Index 3>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 24.16                    |                        | 25.2                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 24.01                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 24.04                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 23.54                    |                        | 24.7                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 24.12                    |                        | 25.2                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 23.62                    |                        | 24.7                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 23.63                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 24.13                    |                        | 25.2                |
| 15              | QPSK       | 1       | 40        |                       | 24.11                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 24.10                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 23.11                    |                        | 24.2                |
| 15              | QPSK       | 36      | 22        |                       | 24.15                    |                        | 25.2                |
| 15              | QPSK       | 36      | 43        |                       | 23.14                    |                        | 24.2                |
| 15              | QPSK       | 75      | 0         |                       | 23.15                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 23.12                    |                        | 24.2                |
| 15              | 64QAM      | 1       | 1         |                       | 21.72                    |                        | 22.7                |
| 15              | 256QAM     | 1       | 1         |                       | 19.60                    |                        | 20.7                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.08                 | 24.10                    | 24.11                  | 25.2                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.10                 | 24.09                    | 24.05                  | 25.2                |



**<FR1 n70\_Ant 0\_Index 4>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 20.59                    |                        | 21.4                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 20.57                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 20.54                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 20.61                    |                        | 21.4                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 20.65                    |                        | 21.4                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 20.59                    |                        | 21.4                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 20.64                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 20.57                    |                        | 21.4                |
| 15              | QPSK       | 1       | 40        |                       | 20.56                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 20.53                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 20.61                    |                        | 21.4                |
| 15              | QPSK       | 36      | 22        |                       | 20.63                    |                        | 21.4                |
| 15              | QPSK       | 36      | 43        |                       | 20.55                    |                        | 21.4                |
| 15              | QPSK       | 75      | 0         |                       | 20.63                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 20.55                    |                        | 21.4                |
| 15              | 64QAM      | 1       | 1         |                       | 20.52                    |                        | 21.4                |
| 15              | 256QAM     | 1       | 1         |                       | 19.51                    |                        | 20.7                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.55                 | 20.51                    | 20.56                  | 21.4                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 20.49                 | 20.46                    | 20.52                  | 21.4                |

**<FR1 n70\_Ant 0\_Index 5>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 22.66                    |                        | 24.5                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 22.65                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 22.64                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 22.73                    |                        | 24.5                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 22.79                    |                        | 24.5                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 22.72                    |                        | 24.5                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 22.76                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 22.55                    |                        | 24.5                |
| 15              | QPSK       | 1       | 40        |                       | 22.60                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 22.59                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 22.62                    |                        | 24.2                |
| 15              | QPSK       | 36      | 22        |                       | 22.67                    |                        | 24.5                |
| 15              | QPSK       | 36      | 43        |                       | 22.60                    |                        | 24.2                |
| 15              | QPSK       | 75      | 0         |                       | 22.66                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 22.42                    |                        | 24.2                |
| 15              | 64QAM      | 1       | 1         |                       | 21.12                    |                        | 22.7                |
| 15              | 256QAM     | 1       | 1         |                       | 19.55                    |                        | 20.7                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.65                 | 22.64                    | 22.65                  | 24.5                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 22.63                 | 22.65                    | 22.59                  | 24.5                |



<FR1 n70\_Ant 0\_Index 6>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 20.59                    |                        | 21.4                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 20.57                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 20.54                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 20.61                    |                        | 21.4                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 20.65                    |                        | 21.4                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 20.59                    |                        | 21.4                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 20.64                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 20.57                    |                        | 21.4                |
| 15              | QPSK       | 1       | 40        |                       | 20.56                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 20.53                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 20.61                    |                        | 21.4                |
| 15              | QPSK       | 36      | 22        |                       | 20.63                    |                        | 21.4                |
| 15              | QPSK       | 36      | 43        |                       | 20.55                    |                        | 21.4                |
| 15              | QPSK       | 75      | 0         |                       | 20.63                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 20.55                    |                        | 21.4                |
| 15              | 64QAM      | 1       | 1         |                       | 20.52                    |                        | 21.4                |
| 15              | 256QAM     | 1       | 1         |                       | 19.51                    |                        | 20.7                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.55                 | 20.51                    | 20.56                  | 21.4                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 20.49                 | 20.46                    | 20.52                  | 21.4                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 134600                   | 136100                      | 137600                    | 23.3                   |
| Frequency (MHz) |            |         |           | 673                      | 680.5                       | 688                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.61                    | 21.67                       | 21.57                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 21.58                    | 21.65                       | 21.56                     | 23.3                   |
| 20              | PI/2 BPSK  | 1       | 104       | 21.40                    | 21.47                       | 21.39                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 21.49                    | 21.54                       | 21.46                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 21.54                    | 21.60                       | 21.50                     | 23.3                   |
| 20              | PI/2 BPSK  | 50      | 56        | 21.39                    | 21.47                       | 21.39                     | 23.3                   |
| 20              | PI/2 BPSK  | 100     | 0         | 21.43                    | 21.51                       | 21.41                     |                        |
| 20              | QPSK       | 1       | 1         | 21.57                    | 21.65                       | 21.54                     |                        |
| 20              | QPSK       | 1       | 53        | 21.57                    | 21.65                       | 21.55                     | 23.3                   |
| 20              | QPSK       | 1       | 104       | 21.42                    | 21.47                       | 21.39                     |                        |
| 20              | QPSK       | 50      | 0         | 21.51                    | 21.56                       | 21.48                     |                        |
| 20              | QPSK       | 50      | 28        | 21.51                    | 21.56                       | 21.48                     | 23.3                   |
| 20              | QPSK       | 50      | 56        | 21.39                    | 21.46                       | 21.38                     | 23.3                   |
| 20              | QPSK       | 100     | 0         | 21.46                    | 21.53                       | 21.43                     |                        |
| 20              | 16QAM      | 1       | 1         | 21.52                    | 21.58                       | 21.49                     |                        |
| 20              | 64QAM      | 1       | 1         | 21.54                    | 21.60                       | 21.50                     | 22.7                   |
| 20              | 256QAM     | 1       | 1         | 19.86                    | 19.92                       | 19.84                     | 20.7                   |
| Channel         |            |         |           | 134100                   | 136100                      | 138100                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 670.5                    | 680.5                       | 690.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.53                    | 21.57                       | 21.50                     |                        |
| Channel         |            |         |           | 133600                   | 136100                      | 138600                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 668                      | 680.5                       | 693                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.51                    | 21.61                       | 21.45                     |                        |
| Channel         |            |         |           | 133100                   | 136100                      | 139100                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 665.5                    | 680.5                       | 695.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 21.54                    | 21.58                       | 21.46                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 134600                   | 136100                      | 137600                    | 21.7                   |
| Frequency (MHz) |            |         |           | 673                      | 680.5                       | 688                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.61                    | 21.67                       | 21.57                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 21.58                    | 21.65                       | 21.56                     | 21.7                   |
| 20              | PI/2 BPSK  | 1       | 104       | 21.40                    | 21.47                       | 21.39                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 21.49                    | 21.54                       | 21.46                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 21.54                    | 21.60                       | 21.50                     | 21.7                   |
| 20              | PI/2 BPSK  | 50      | 56        | 21.39                    | 21.47                       | 21.39                     | 21.7                   |
| 20              | PI/2 BPSK  | 100     | 0         | 21.43                    | 21.51                       | 21.41                     |                        |
| 20              | QPSK       | 1       | 1         | 21.57                    | 21.65                       | 21.54                     |                        |
| 20              | QPSK       | 1       | 53        | 21.57                    | 21.65                       | 21.55                     | 21.7                   |
| 20              | QPSK       | 1       | 104       | 21.42                    | 21.47                       | 21.39                     |                        |
| 20              | QPSK       | 50      | 0         | 21.51                    | 21.56                       | 21.48                     |                        |
| 20              | QPSK       | 50      | 28        | 21.51                    | 21.56                       | 21.48                     | 21.7                   |
| 20              | QPSK       | 50      | 56        | 21.39                    | 21.46                       | 21.38                     | 21.7                   |
| 20              | QPSK       | 100     | 0         | 21.46                    | 21.53                       | 21.43                     |                        |
| 20              | 16QAM      | 1       | 1         | 21.52                    | 21.58                       | 21.49                     |                        |
| 20              | 64QAM      | 1       | 1         | 21.54                    | 21.60                       | 21.50                     | 21.7                   |
| 20              | 256QAM     | 1       | 1         | 19.86                    | 19.92                       | 19.84                     | 20.7                   |
| Channel         |            |         |           | 134100                   | 136100                      | 138100                    | 21.7                   |
| Frequency (MHz) |            |         |           | 670.5                    | 680.5                       | 690.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.53                    | 21.57                       | 21.50                     |                        |
| Channel         |            |         |           | 133600                   | 136100                      | 138600                    | 21.7                   |
| Frequency (MHz) |            |         |           | 668                      | 680.5                       | 693                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.51                    | 21.61                       | 21.45                     |                        |
| Channel         |            |         |           | 133100                   | 136100                      | 139100                    | 21.7                   |
| Frequency (MHz) |            |         |           | 665.5                    | 680.5                       | 695.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 21.54                    | 21.58                       | 21.46                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 134600                   | 136100                      | 137600                    | 25.2                   |
| Frequency (MHz) |            |         |           | 673                      | 680.5                       | 688                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.22                    | 24.27                       | 24.18                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 24.19                    | 24.26                       | 24.17                     | 24.7                   |
| 20              | PI/2 BPSK  | 1       | 104       | 24.08                    | 24.08                       | 24.01                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 23.68                    | 23.69                       | 23.67                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 24.12                    | 24.17                       | 24.14                     | 24.7                   |
| 20              | PI/2 BPSK  | 50      | 56        | 23.49                    | 23.59                       | 23.50                     |                        |
| 20              | PI/2 BPSK  | 100     | 0         | 23.59                    | 23.63                       | 23.55                     |                        |
| 20              | QPSK       | 1       | 1         | 24.05                    | 24.05                       | 23.99                     | 25.2                   |
| 20              | QPSK       | 1       | 53        | 24.14                    | 24.18                       | 24.12                     |                        |
| 20              | QPSK       | 1       | 104       | 23.86                    | 23.92                       | 23.91                     |                        |
| 20              | QPSK       | 50      | 0         | 23.18                    | 23.20                       | 23.16                     | 24.2                   |
| 20              | QPSK       | 50      | 28        | 24.14                    | 24.19                       | 24.15                     |                        |
| 20              | QPSK       | 50      | 56        | 23.02                    | 23.12                       | 23.07                     |                        |
| 20              | QPSK       | 100     | 0         | 23.12                    | 23.16                       | 23.11                     | 22.7                   |
| 20              | 16QAM      | 1       | 1         | 23.02                    | 23.04                       | 22.98                     |                        |
| 20              | 64QAM      | 1       | 1         | 21.59                    | 21.65                       | 21.55                     |                        |
| 20              | 256QAM     | 1       | 1         | 19.79                    | 19.82                       | 19.80                     | 20.7                   |
| Channel         |            |         |           | 134100                   | 136100                      | 138100                    | 25.2                   |
| Frequency (MHz) |            |         |           | 670.5                    | 680.5                       | 690.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.22                    | 24.17                       | 24.13                     |                        |
| Channel         |            |         |           | 133600                   | 136100                      | 138600                    | 25.2                   |
| Frequency (MHz) |            |         |           | 668                      | 680.5                       | 693                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.21                    | 24.24                       | 24.12                     |                        |
| Channel         |            |         |           | 133100                   | 136100                      | 139100                    | 25.2                   |
| Frequency (MHz) |            |         |           | 665.5                    | 680.5                       | 695.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 24.16                    | 24.19                       | 24.12                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 134600                   | 136100                      | 137600                    | 25.2                   |
| Frequency (MHz) |            |         |           | 673                      | 680.5                       | 688                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.22                    | 24.27                       | 24.18                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 24.19                    | 24.26                       | 24.17                     | 24.7                   |
| 20              | PI/2 BPSK  | 1       | 104       | 24.08                    | 24.08                       | 24.01                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 23.68                    | 23.69                       | 23.67                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 24.12                    | 24.17                       | 24.14                     | 24.7                   |
| 20              | PI/2 BPSK  | 50      | 56        | 23.49                    | 23.59                       | 23.50                     |                        |
| 20              | PI/2 BPSK  | 100     | 0         | 23.59                    | 23.63                       | 23.55                     |                        |
| 20              | QPSK       | 1       | 1         | 24.05                    | 24.05                       | 23.99                     | 25.2                   |
| 20              | QPSK       | 1       | 53        | 24.14                    | 24.18                       | 24.12                     |                        |
| 20              | QPSK       | 1       | 104       | 23.86                    | 23.92                       | 23.91                     |                        |
| 20              | QPSK       | 50      | 0         | 23.18                    | 23.20                       | 23.16                     | 24.2                   |
| 20              | QPSK       | 50      | 28        | 24.14                    | 24.19                       | 24.15                     |                        |
| 20              | QPSK       | 50      | 56        | 23.02                    | 23.12                       | 23.07                     |                        |
| 20              | QPSK       | 100     | 0         | 23.12                    | 23.16                       | 23.11                     | 22.7                   |
| 20              | 16QAM      | 1       | 1         | 23.02                    | 23.04                       | 22.98                     |                        |
| 20              | 64QAM      | 1       | 1         | 21.59                    | 21.65                       | 21.55                     |                        |
| 20              | 256QAM     | 1       | 1         | 19.79                    | 19.82                       | 19.80                     | 20.7                   |
| Channel         |            |         |           | 134100                   | 136100                      | 138100                    | 25.2                   |
| Frequency (MHz) |            |         |           | 670.5                    | 680.5                       | 690.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.22                    | 24.17                       | 24.13                     |                        |
| Channel         |            |         |           | 133600                   | 136100                      | 138600                    | 25.2                   |
| Frequency (MHz) |            |         |           | 668                      | 680.5                       | 693                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.21                    | 24.24                       | 24.12                     |                        |
| Channel         |            |         |           | 133100                   | 136100                      | 139100                    | 25.2                   |
| Frequency (MHz) |            |         |           | 665.5                    | 680.5                       | 695.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 24.16                    | 24.19                       | 24.12                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 134600                   | 136100                      | 137600                    | 25.2                   |
| Frequency (MHz) |            |         |           | 673                      | 680.5                       | 688                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.22                    | 24.27                       | 24.18                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 24.19                    | 24.26                       | 24.17                     | 24.7                   |
| 20              | PI/2 BPSK  | 1       | 104       | 24.08                    | 24.08                       | 24.01                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 23.68                    | 23.69                       | 23.67                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 24.12                    | 24.17                       | 24.14                     | 24.7                   |
| 20              | PI/2 BPSK  | 50      | 56        | 23.49                    | 23.59                       | 23.50                     |                        |
| 20              | PI/2 BPSK  | 100     | 0         | 23.59                    | 23.63                       | 23.55                     |                        |
| 20              | QPSK       | 1       | 1         | 24.05                    | 24.05                       | 23.99                     | 25.2                   |
| 20              | QPSK       | 1       | 53        | 24.14                    | 24.18                       | 24.12                     |                        |
| 20              | QPSK       | 1       | 104       | 23.86                    | 23.92                       | 23.91                     |                        |
| 20              | QPSK       | 50      | 0         | 23.18                    | 23.20                       | 23.16                     | 24.2                   |
| 20              | QPSK       | 50      | 28        | 24.14                    | 24.19                       | 24.15                     |                        |
| 20              | QPSK       | 50      | 56        | 23.02                    | 23.12                       | 23.07                     |                        |
| 20              | QPSK       | 100     | 0         | 23.12                    | 23.16                       | 23.11                     | 22.7                   |
| 20              | 16QAM      | 1       | 1         | 23.02                    | 23.04                       | 22.98                     |                        |
| 20              | 64QAM      | 1       | 1         | 21.59                    | 21.65                       | 21.55                     |                        |
| 20              | 256QAM     | 1       | 1         | 19.79                    | 19.82                       | 19.80                     | 20.7                   |
| Channel         |            |         |           | 134100                   | 136100                      | 138100                    | 25.2                   |
| Frequency (MHz) |            |         |           | 670.5                    | 680.5                       | 690.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.22                    | 24.17                       | 24.13                     |                        |
| Channel         |            |         |           | 133600                   | 136100                      | 138600                    | 25.2                   |
| Frequency (MHz) |            |         |           | 668                      | 680.5                       | 693                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.21                    | 24.24                       | 24.12                     |                        |
| Channel         |            |         |           | 133100                   | 136100                      | 139100                    | 25.2                   |
| Frequency (MHz) |            |         |           | 665.5                    | 680.5                       | 695.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 24.16                    | 24.19                       | 24.12                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 25.1                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 23.33                    | 23.50                       | 23.49                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 23.27                    | 23.49                       | 23.46                     | 24.7                   |
| 100             | PI/2 BPSK  | 1       | 271       | 23.20                    | 23.47                       | 23.40                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 23.39                    | 23.65                       | 23.63                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 23.80                    | 24.05                       | 23.99                     | 24.7                   |
| 100             | PI/2 BPSK  | 135     | 138       | 23.23                    | 23.43                       | 23.42                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 23.43                    | 23.61                       | 23.59                     |                        |
| 100             | QPSK       | 1       | 1         | 23.29                    | 23.46                       | 23.42                     | 25.1                   |
| 100             | QPSK       | 1       | 137       | 23.28                    | 23.45                       | 23.39                     |                        |
| 100             | QPSK       | 1       | 271       | 23.22                    | 23.46                       | 23.43                     |                        |
| 100             | QPSK       | 135     | 0         | 22.94                    | 23.15                       | 23.09                     | 24.2                   |
| 100             | QPSK       | 135     | 69        | 23.80                    | 24.04                       | 23.99                     |                        |
| 100             | QPSK       | 135     | 138       | 22.75                    | 22.96                       | 22.94                     |                        |
| 100             | QPSK       | 270     | 0         | 22.95                    | 23.13                       | 23.03                     | 24.2                   |
| 100             | 16QAM      | 1       | 1         | 22.26                    | 22.49                       | 22.47                     |                        |
| 100             | 64QAM      | 1       | 1         | 20.77                    | 20.94                       | 20.90                     |                        |
| 100             | 256QAM     | 1       | 1         | 18.83                    | 19.01                       | 18.91                     | 20.7                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 25.1                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 23.27                    | 23.49                       | 23.43                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 25.1                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 23.29                    | 23.47                       | 23.43                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 25.1                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 23.31                    | 23.45                       | 23.45                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 25.1                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 23.28                    | 23.44                       | 23.47                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 25.1                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 23.30                    | 23.45                       | 23.44                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 25.1                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 23.25                    | 23.42                       | 23.43                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 25.1                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 23.30                    | 23.44                       | 23.47                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 25.1                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 23.23                    | 23.48                       | 23.45                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 25.1                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 23.28                    | 23.41                       | 23.45                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 25.1                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 23.24                    | 23.42                       | 23.41                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 25.1                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 23.23                    | 23.45                       | 23.48                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 | 15.6                |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 14.18                 | 14.32                    | 14.18                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 13.95                 | 14.00                    | 13.97                  | 15.6                |
| 100             | PI/2 BPSK  | 1       | 271       | 14.17                 | 14.31                    | 14.20                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 14.24                 | 14.29                    | 14.24                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 14.28                 | 14.30                    | 14.25                  | 15.6                |
| 100             | PI/2 BPSK  | 135     | 138       | 14.00                 | 14.11                    | 13.98                  |                     |
| 100             | PI/2 BPSK  | 270     | 0         | 14.38                 | 14.43                    | 14.40                  |                     |
| 100             | QPSK       | 1       | 1         | 14.21                 | 14.18                    | 14.19                  | 15.6                |
| 100             | QPSK       | 1       | 137       | 13.95                 | 13.97                    | 13.90                  |                     |
| 100             | QPSK       | 1       | 271       | 14.44                 | 14.46                    | 14.48                  |                     |
| 100             | QPSK       | 135     | 0         | 14.26                 | 14.28                    | 14.26                  | 15.6                |
| 100             | QPSK       | 135     | 69        | 14.25                 | 14.26                    | 14.26                  |                     |
| 100             | QPSK       | 135     | 138       | 14.01                 | 14.01                    | 14.00                  |                     |
| 100             | QPSK       | 270     | 0         | 14.39                 | 14.39                    | 14.37                  | 15.6                |
| 100             | 16QAM      | 1       | 1         | 13.98                 | 14.16                    | 13.99                  |                     |
| 100             | 64QAM      | 1       | 1         | 14.08                 | 14.15                    | 13.99                  |                     |
| 100             | 256QAM     | 1       | 1         | 14.00                 | 14.22                    | 14.04                  | 15.6                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | 15.6                |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 13.99                 | 14.21                    | 14.06                  |                     |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | 15.6                |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 14.03                 | 14.12                    | 14.05                  |                     |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | 15.6                |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 14.03                 | 14.18                    | 14.07                  |                     |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | 15.6                |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 14.05                 | 14.17                    | 14.00                  |                     |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | 15.6                |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 14.00                 | 14.22                    | 13.98                  |                     |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | 15.6                |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 14.02                 | 14.21                    | 13.99                  |                     |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | 15.6                |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 14.02                 | 14.13                    | 14.04                  |                     |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | 15.6                |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 14.01                 | 14.17                    | 13.99                  |                     |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | 15.6                |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 14.01                 | 14.19                    | 13.98                  |                     |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | 15.6                |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 13.99                 | 14.13                    | 14.02                  |                     |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | 15.6                |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 14.01                 | 14.00                    | 13.99                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 | 23.0                |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 21.65                 | 21.73                    | 21.90                  | 23.0                |
| 100             | PI/2 BPSK  | 1       | 137       | 21.62                 | 21.70                    | 21.87                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 21.59                 | 21.67                    | 21.84                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 22.01                 | 22.09                    | 22.26                  | 23.0                |
| 100             | PI/2 BPSK  | 135     | 69        | 22.02                 | 22.10                    | 22.27                  | 23.0                |
| 100             | PI/2 BPSK  | 135     | 138       | 21.58                 | 21.66                    | 21.83                  | 23.0                |
| 100             | PI/2 BPSK  | 270     | 0         | 21.89                 | 21.97                    | 22.14                  |                     |
| 100             | QPSK       | 1       | 1         | 21.62                 | 21.70                    | 21.87                  | 23.0                |
| 100             | QPSK       | 1       | 137       | 21.63                 | 21.71                    | 21.88                  |                     |
| 100             | QPSK       | 1       | 271       | 21.60                 | 21.68                    | 21.85                  |                     |
| 100             | QPSK       | 135     | 0         | 21.96                 | 22.04                    | 22.21                  | 23.0                |
| 100             | QPSK       | 135     | 69        | 21.99                 | 22.07                    | 22.24                  | 23.0                |
| 100             | QPSK       | 135     | 138       | 21.58                 | 21.66                    | 21.83                  | 23.0                |
| 100             | QPSK       | 270     | 0         | 21.87                 | 21.95                    | 22.12                  |                     |
| 100             | 16QAM      | 1       | 1         | 21.62                 | 21.70                    | 21.87                  | 23.0                |
| 100             | 64QAM      | 1       | 1         | 20.76                 | 20.84                    | 21.00                  | 22.7                |
| 100             | 256QAM     | 1       | 1         | 18.84                 | 18.91                    | 19.06                  | 20.7                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | 23.0                |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.63                 | 21.68                    | 21.71                  | 23.0                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | 23.0                |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.58                 | 21.58                    | 21.75                  | 23.0                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | 23.0                |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.58                 | 21.58                    | 21.75                  | 23.0                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | 23.0                |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.50                 | 21.68                    | 21.88                  | 23.0                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | 23.0                |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.45                 | 21.54                    | 21.88                  | 23.0                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | 23.0                |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.47                 | 21.63                    | 21.72                  | 23.0                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | 23.0                |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.48                 | 21.60                    | 21.77                  | 23.0                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | 23.0                |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.54                 | 21.57                    | 21.83                  | 23.0                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | 23.0                |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.52                 | 21.70                    | 21.84                  | 23.0                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | 23.0                |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.64                 | 21.73                    | 21.84                  | 23.0                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | 23.0                |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.58                 | 21.68                    | 21.79                  | 23.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 | 14.9                |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 14.18                 | 14.32                    | 14.18                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 13.95                 | 14.00                    | 13.97                  | 14.9                |
| 100             | PI/2 BPSK  | 1       | 271       | 14.17                 | 14.31                    | 14.20                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 14.24                 | 14.29                    | 14.24                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 14.28                 | 14.30                    | 14.25                  | 14.9                |
| 100             | PI/2 BPSK  | 135     | 138       | 14.00                 | 14.11                    | 13.98                  | 14.9                |
| 100             | PI/2 BPSK  | 270     | 0         | 14.38                 | 14.43                    | 14.40                  |                     |
| 100             | QPSK       | 1       | 1         | 14.21                 | 14.18                    | 14.19                  |                     |
| 100             | QPSK       | 1       | 137       | 13.95                 | 13.97                    | 13.90                  | 14.9                |
| 100             | QPSK       | 1       | 271       | 14.44                 | 14.46                    | 14.48                  |                     |
| 100             | QPSK       | 135     | 0         | 14.26                 | 14.28                    | 14.26                  |                     |
| 100             | QPSK       | 135     | 69        | 14.25                 | 14.26                    | 14.26                  | 14.9                |
| 100             | QPSK       | 135     | 138       | 14.01                 | 14.01                    | 14.00                  | 14.9                |
| 100             | QPSK       | 270     | 0         | 14.39                 | 14.39                    | 14.37                  |                     |
| 100             | 16QAM      | 1       | 1         | 13.98                 | 14.16                    | 13.99                  |                     |
| 100             | 64QAM      | 1       | 1         | 14.08                 | 14.15                    | 13.99                  | 14.9                |
| 100             | 256QAM     | 1       | 1         | 14.00                 | 14.22                    | 14.04                  | 14.9                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | 14.9                |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 13.99                 | 14.21                    | 14.06                  |                     |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | 14.9                |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 14.03                 | 14.12                    | 14.05                  |                     |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | 14.9                |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 14.03                 | 14.18                    | 14.07                  |                     |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | 14.9                |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 14.05                 | 14.17                    | 14.00                  |                     |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | 14.9                |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 14.00                 | 14.22                    | 13.98                  |                     |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | 14.9                |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 14.02                 | 14.21                    | 13.99                  |                     |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | 14.9                |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 14.02                 | 14.13                    | 14.04                  |                     |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | 14.9                |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 14.01                 | 14.17                    | 13.99                  |                     |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | 14.9                |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 14.01                 | 14.19                    | 13.98                  |                     |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | 14.9                |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 13.99                 | 14.13                    | 14.02                  |                     |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | 14.9                |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 14.01                 | 14.00                    | 13.99                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 | 19.5                |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 17.91                 | 17.99                    | 17.89                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 17.94                 | 17.98                    | 17.95                  | 19.5                |
| 100             | PI/2 BPSK  | 1       | 271       | 17.94                 | 17.96                    | 17.93                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 18.35                 | 18.44                    | 18.38                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 18.42                 | 18.46                    | 18.42                  | 19.5                |
| 100             | PI/2 BPSK  | 135     | 138       | 18.34                 | 18.40                    | 18.35                  | 19.5                |
| 100             | PI/2 BPSK  | 270     | 0         | 18.47                 | 18.50                    | 18.45                  |                     |
| 100             | QPSK       | 1       | 1         | 17.88                 | 17.97                    | 17.88                  |                     |
| 100             | QPSK       | 1       | 137       | 17.79                 | 17.89                    | 17.79                  | 19.5                |
| 100             | QPSK       | 1       | 271       | 17.82                 | 17.89                    | 17.79                  |                     |
| 100             | QPSK       | 135     | 0         | 18.27                 | 18.35                    | 18.33                  |                     |
| 100             | QPSK       | 135     | 69        | 18.27                 | 18.36                    | 18.32                  | 19.5                |
| 100             | QPSK       | 135     | 138       | 18.27                 | 18.34                    | 18.28                  | 19.5                |
| 100             | QPSK       | 270     | 0         | 18.34                 | 18.42                    | 18.33                  |                     |
| 100             | 16QAM      | 1       | 1         | 17.95                 | 17.98                    | 17.91                  |                     |
| 100             | 64QAM      | 1       | 1         | 17.86                 | 17.96                    | 17.92                  | 19.5                |
| 100             | 256QAM     | 1       | 1         | 17.76                 | 17.86                    | 17.83                  | 19.5                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | 19.5                |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 17.80                 | 17.96                    | 17.77                  |                     |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | 19.5                |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 17.86                 | 17.88                    | 17.81                  |                     |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | 19.5                |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 17.81                 | 17.88                    | 17.84                  |                     |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | 19.5                |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 17.80                 | 17.97                    | 17.82                  |                     |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | 19.5                |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 17.80                 | 17.96                    | 17.79                  |                     |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | 19.5                |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 17.89                 | 17.97                    | 17.81                  |                     |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | 19.5                |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 17.86                 | 17.94                    | 17.86                  |                     |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | 19.5                |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 17.81                 | 17.90                    | 17.82                  |                     |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | 19.5                |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 17.87                 | 17.88                    | 17.81                  |                     |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | 19.5                |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 17.83                 | 17.94                    | 17.86                  |                     |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | 19.5                |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 17.89                 | 17.91                    | 17.85                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 21.30                    | 21.37                       | 21.29                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 20.96                    | 21.01                       | 20.95                     | 21.7                   |
| 100             | PI/2 BPSK  | 1       | 271       | 21.26                    | 21.36                       | 21.21                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 21.23                    | 21.37                       | 21.24                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 21.28                    | 21.38                       | 21.31                     | 21.7                   |
| 100             | PI/2 BPSK  | 135     | 138       | 20.99                    | 21.13                       | 21.06                     | 21.7                   |
| 100             | PI/2 BPSK  | 270     | 0         | 21.41                    | 21.52                       | 21.47                     |                        |
| 100             | QPSK       | 1       | 1         | 21.15                    | 21.27                       | 21.21                     |                        |
| 100             | QPSK       | 1       | 137       | 20.96                    | 21.00                       | 20.95                     | 21.7                   |
| 100             | QPSK       | 1       | 271       | 21.22                    | 21.29                       | 21.23                     |                        |
| 100             | QPSK       | 135     | 0         | 21.26                    | 21.32                       | 21.21                     |                        |
| 100             | QPSK       | 135     | 69        | 21.23                    | 21.34                       | 21.24                     | 21.7                   |
| 100             | QPSK       | 135     | 138       | 20.93                    | 20.98                       | 20.92                     | 21.7                   |
| 100             | QPSK       | 270     | 0         | 21.26                    | 21.41                       | 21.34                     |                        |
| 100             | 16QAM      | 1       | 1         | 21.30                    | 21.39                       | 21.30                     |                        |
| 100             | 64QAM      | 1       | 1         | 21.18                    | 21.31                       | 21.23                     | 21.7                   |
| 100             | 256QAM     | 1       | 1         | 19.50                    | 19.55                       | 19.42                     | 20.7                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.18                    | 21.31                       | 21.21                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.24                    | 21.25                       | 21.20                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.21                    | 21.32                       | 21.17                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.19                    | 21.30                       | 21.19                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.15                    | 21.23                       | 21.20                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.15                    | 21.30                       | 21.24                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.21                    | 21.32                       | 21.17                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.23                    | 21.29                       | 21.22                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.16                    | 21.22                       | 21.21                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.18                    | 21.29                       | 21.23                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.17                    | 21.24                       | 21.21                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 21.0                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 19.83                    | 20.13                       | 20.12                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 19.80                    | 20.06                       | 20.01                     | 21.0                   |
| 100             | PI/2 BPSK  | 1       | 271       | 19.76                    | 20.03                       | 20.01                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 20.23                    | 20.44                       | 20.48                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 20.22                    | 20.51                       | 20.40                     | 21.0                   |
| 100             | PI/2 BPSK  | 135     | 138       | 20.09                    | 20.32                       | 20.29                     | 21.0                   |
| 100             | PI/2 BPSK  | 270     | 0         | 20.22                    | 20.49                       | 20.47                     |                        |
| 100             | QPSK       | 1       | 1         | 19.68                    | 19.92                       | 19.89                     |                        |
| 100             | QPSK       | 1       | 137       | 19.82                    | 20.06                       | 20.03                     | 21.0                   |
| 100             | QPSK       | 1       | 271       | 19.80                    | 20.04                       | 20.02                     |                        |
| 100             | QPSK       | 135     | 0         | 20.21                    | 20.50                       | 20.45                     |                        |
| 100             | QPSK       | 135     | 69        | 20.22                    | 20.44                       | 20.39                     | 21.0                   |
| 100             | QPSK       | 135     | 138       | 20.04                    | 20.32                       | 20.30                     | 21.0                   |
| 100             | QPSK       | 270     | 0         | 20.26                    | 20.48                       | 20.43                     |                        |
| 100             | 16QAM      | 1       | 1         | 19.63                    | 19.93                       | 19.91                     |                        |
| 100             | 64QAM      | 1       | 1         | 19.59                    | 19.86                       | 19.83                     | 21.0                   |
| 100             | 256QAM     | 1       | 1         | 18.81                    | 19.09                       | 19.06                     | 20.7                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 21.0                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 19.77                    | 20.04                       | 20.06                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 21.0                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 19.75                    | 20.03                       | 20.05                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 21.0                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 19.76                    | 20.08                       | 20.02                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 21.0                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 19.77                    | 20.07                       | 20.02                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 21.0                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 19.75                    | 20.08                       | 20.07                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 21.0                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 19.75                    | 20.06                       | 20.05                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 21.0                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 19.74                    | 20.04                       | 20.05                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 21.0                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 19.76                    | 20.08                       | 20.06                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 21.0                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 19.76                    | 20.04                       | 20.03                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 21.0                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 19.76                    | 20.04                       | 20.05                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 21.0                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 19.73                    | 20.08                       | 20.07                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    |                        |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 21.30                    | 21.37                       | 21.29                     | 22.9                   |
| 100             | PI/2 BPSK  | 1       | 137       | 20.96                    | 21.01                       | 20.95                     |                        |
| 100             | PI/2 BPSK  | 1       | 271       | 21.26                    | 21.36                       | 21.21                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 21.23                    | 21.37                       | 21.24                     | 22.9                   |
| 100             | PI/2 BPSK  | 135     | 69        | 21.28                    | 21.38                       | 21.31                     | 22.9                   |
| 100             | PI/2 BPSK  | 135     | 138       | 20.99                    | 21.13                       | 21.06                     | 22.9                   |
| 100             | PI/2 BPSK  | 270     | 0         | 21.41                    | 21.52                       | 21.47                     |                        |
| 100             | QPSK       | 1       | 1         | 21.15                    | 21.27                       | 21.21                     | 22.9                   |
| 100             | QPSK       | 1       | 137       | 20.96                    | 21.00                       | 20.95                     |                        |
| 100             | QPSK       | 1       | 271       | 21.22                    | 21.29                       | 21.23                     |                        |
| 100             | QPSK       | 135     | 0         | 21.26                    | 21.32                       | 21.21                     | 22.9                   |
| 100             | QPSK       | 135     | 69        | 21.23                    | 21.34                       | 21.24                     | 22.9                   |
| 100             | QPSK       | 135     | 138       | 20.93                    | 20.98                       | 20.92                     | 22.9                   |
| 100             | QPSK       | 270     | 0         | 21.26                    | 21.41                       | 21.34                     |                        |
| 100             | 16QAM      | 1       | 1         | 21.30                    | 21.39                       | 21.30                     | 22.9                   |
| 100             | 64QAM      | 1       | 1         | 21.18                    | 21.31                       | 21.23                     | 22.7                   |
| 100             | 256QAM     | 1       | 1         | 19.50                    | 19.55                       | 19.42                     | 20.7                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.18                    | 21.31                       | 21.21                     | 22.9                   |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.24                    | 21.25                       | 21.20                     | 22.9                   |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.21                    | 21.32                       | 21.17                     | 22.9                   |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.19                    | 21.30                       | 21.19                     | 22.9                   |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.15                    | 21.23                       | 21.20                     | 22.9                   |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.15                    | 21.30                       | 21.24                     | 22.9                   |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.21                    | 21.32                       | 21.17                     | 22.9                   |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.23                    | 21.29                       | 21.22                     | 22.9                   |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.16                    | 21.22                       | 21.21                     | 22.9                   |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.18                    | 21.29                       | 21.23                     | 22.9                   |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.17                    | 21.24                       | 21.21                     | 22.9                   |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 19.83                 | 20.13                    | 20.12                  | 21.0                |
| 100             | PI/2 BPSK  | 1       | 137       | 19.80                 | 20.06                    | 20.01                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 19.76                 | 20.03                    | 20.01                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 20.23                 | 20.44                    | 20.48                  | 21.0                |
| 100             | PI/2 BPSK  | 135     | 69        | 20.22                 | 20.51                    | 20.40                  | 21.0                |
| 100             | PI/2 BPSK  | 135     | 138       | 20.09                 | 20.32                    | 20.29                  | 21.0                |
| 100             | PI/2 BPSK  | 270     | 0         | 20.22                 | 20.49                    | 20.47                  |                     |
| 100             | QPSK       | 1       | 1         | 19.68                 | 19.92                    | 19.89                  | 21.0                |
| 100             | QPSK       | 1       | 137       | 19.82                 | 20.06                    | 20.03                  |                     |
| 100             | QPSK       | 1       | 271       | 19.80                 | 20.04                    | 20.02                  |                     |
| 100             | QPSK       | 135     | 0         | 20.21                 | 20.50                    | 20.45                  | 21.0                |
| 100             | QPSK       | 135     | 69        | 20.22                 | 20.44                    | 20.39                  | 21.0                |
| 100             | QPSK       | 135     | 138       | 20.04                 | 20.32                    | 20.30                  | 21.0                |
| 100             | QPSK       | 270     | 0         | 20.26                 | 20.48                    | 20.43                  |                     |
| 100             | 16QAM      | 1       | 1         | 19.63                 | 19.93                    | 19.91                  | 21.0                |
| 100             | 64QAM      | 1       | 1         | 19.59                 | 19.86                    | 19.83                  | 21.0                |
| 100             | 256QAM     | 1       | 1         | 18.81                 | 19.09                    | 19.06                  | 20.7                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.77                 | 20.04                    | 20.06                  | 21.0                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.75                 | 20.03                    | 20.05                  | 21.0                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.76                 | 20.08                    | 20.02                  | 21.0                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.77                 | 20.07                    | 20.02                  | 21.0                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.75                 | 20.08                    | 20.07                  | 21.0                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.75                 | 20.06                    | 20.05                  | 21.0                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.74                 | 20.04                    | 20.05                  | 21.0                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.76                 | 20.08                    | 20.06                  | 21.0                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.76                 | 20.04                    | 20.03                  | 21.0                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.76                 | 20.04                    | 20.05                  | 21.0                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.73                 | 20.08                    | 20.07                  | 21.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 21.30                    | 21.37                       | 21.29                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 20.96                    | 21.01                       | 20.95                     | 21.7                   |
| 100             | PI/2 BPSK  | 1       | 271       | 21.26                    | 21.36                       | 21.21                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 21.23                    | 21.37                       | 21.24                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 21.28                    | 21.38                       | 21.31                     | 21.7                   |
| 100             | PI/2 BPSK  | 135     | 138       | 20.99                    | 21.13                       | 21.06                     | 21.7                   |
| 100             | PI/2 BPSK  | 270     | 0         | 21.41                    | 21.52                       | 21.47                     |                        |
| 100             | QPSK       | 1       | 1         | 21.15                    | 21.27                       | 21.21                     |                        |
| 100             | QPSK       | 1       | 137       | 20.96                    | 21.00                       | 20.95                     | 21.7                   |
| 100             | QPSK       | 1       | 271       | 21.22                    | 21.29                       | 21.23                     |                        |
| 100             | QPSK       | 135     | 0         | 21.26                    | 21.32                       | 21.21                     |                        |
| 100             | QPSK       | 135     | 69        | 21.23                    | 21.34                       | 21.24                     | 21.7                   |
| 100             | QPSK       | 135     | 138       | 20.93                    | 20.98                       | 20.92                     | 21.7                   |
| 100             | QPSK       | 270     | 0         | 21.26                    | 21.41                       | 21.34                     |                        |
| 100             | 16QAM      | 1       | 1         | 21.30                    | 21.39                       | 21.30                     |                        |
| 100             | 64QAM      | 1       | 1         | 21.18                    | 21.31                       | 21.23                     | 21.7                   |
| 100             | 256QAM     | 1       | 1         | 19.50                    | 19.55                       | 19.42                     | 20.7                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.18                    | 21.31                       | 21.21                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.24                    | 21.25                       | 21.20                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.21                    | 21.32                       | 21.17                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.19                    | 21.30                       | 21.19                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.15                    | 21.23                       | 21.20                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.15                    | 21.30                       | 21.24                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.21                    | 21.32                       | 21.17                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.23                    | 21.29                       | 21.22                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.16                    | 21.22                       | 21.21                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.18                    | 21.29                       | 21.23                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 21.7                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.17                    | 21.24                       | 21.21                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 26.7                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 25.12                    | 25.23                       | 25.12                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 25.11                    | 25.22                       | 25.11                     | 26.2                   |
| 100             | PI/2 BPSK  | 1       | 271       | 24.94                    | 25.01                       | 24.94                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 25.06                    | 25.13                       | 25.06                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 25.55                    | 25.61                       | 25.55                     | 26.2                   |
| 100             | PI/2 BPSK  | 135     | 138       | 24.83                    | 24.95                       | 24.87                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 25.03                    | 25.12                       | 25.05                     |                        |
| 100             | QPSK       | 1       | 1         | 25.14                    | 25.20                       | 25.14                     | 26.7                   |
| 100             | QPSK       | 1       | 137       | 25.11                    | 25.19                       | 25.10                     |                        |
| 100             | QPSK       | 1       | 271       | 24.95                    | 25.01                       | 24.95                     |                        |
| 100             | QPSK       | 135     | 0         | 24.55                    | 24.62                       | 24.54                     | 25.7                   |
| 100             | QPSK       | 135     | 69        | 25.49                    | 25.59                       | 25.46                     | 26.7                   |
| 100             | QPSK       | 135     | 138       | 24.31                    | 24.43                       | 24.36                     | 25.7                   |
| 100             | QPSK       | 270     | 0         | 24.47                    | 24.60                       | 24.48                     |                        |
| 100             | 16QAM      | 1       | 1         | 23.89                    | 23.96                       | 23.83                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.33                    | 22.42                       | 22.29                     | 24.2                   |
| 100             | 256QAM     | 1       | 1         | 20.43                    | 20.49                       | 20.42                     | 22.2                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 26.7                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 24.96                    | 25.12                       | 24.94                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 26.7                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 24.93                    | 25.13                       | 24.92                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 26.7                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 24.96                    | 25.10                       | 25.00                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 26.7                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 24.99                    | 25.10                       | 25.01                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 26.7                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 24.94                    | 25.11                       | 24.97                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 26.7                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.92                    | 25.08                       | 24.95                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 26.7                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.97                    | 25.03                       | 24.92                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 26.7                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 24.98                    | 25.09                       | 24.94                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 26.7                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 25.01                    | 25.06                       | 24.93                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 26.7                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 25.01                    | 25.08                       | 24.93                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 26.7                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 25.02                    | 25.08                       | 24.92                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 17.19                    | 17.31                       | 17.24                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 16.99                    | 17.01                       | 16.92                     | 18.6                   |
| 100             | PI/2 BPSK  | 1       | 271       | 17.22                    | 17.30                       | 17.19                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 17.20                    | 17.28                       | 17.19                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 17.23                    | 17.29                       | 17.20                     | 18.6                   |
| 100             | PI/2 BPSK  | 135     | 138       | 17.19                    | 17.26                       | 17.17                     | 18.6                   |
| 100             | PI/2 BPSK  | 270     | 0         | 17.30                    | 17.42                       | 17.30                     |                        |
| 100             | QPSK       | 1       | 1         | 17.20                    | 17.25                       | 17.24                     |                        |
| 100             | QPSK       | 1       | 137       | 16.96                    | 16.95                       | 16.94                     | 18.6                   |
| 100             | QPSK       | 1       | 271       | 17.22                    | 17.24                       | 17.24                     |                        |
| 100             | QPSK       | 135     | 0         | 17.17                    | 17.23                       | 17.19                     |                        |
| 100             | QPSK       | 135     | 69        | 17.21                    | 17.22                       | 17.23                     | 18.6                   |
| 100             | QPSK       | 135     | 138       | 17.14                    | 17.14                       | 17.14                     | 18.6                   |
| 100             | QPSK       | 270     | 0         | 17.36                    | 17.32                       | 17.31                     |                        |
| 100             | 16QAM      | 1       | 1         | 17.07                    | 17.28                       | 17.20                     |                        |
| 100             | 64QAM      | 1       | 1         | 17.11                    | 17.24                       | 17.22                     | 18.6                   |
| 100             | 256QAM     | 1       | 1         | 17.08                    | 17.30                       | 17.17                     | 18.6                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 17.18                    | 17.19                       | 17.14                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 17.08                    | 17.19                       | 17.14                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 17.17                    | 17.23                       | 17.22                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 17.15                    | 17.21                       | 17.22                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 17.10                    | 17.20                       | 17.18                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 17.17                    | 17.22                       | 17.14                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 17.07                    | 17.20                       | 17.22                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 17.15                    | 17.24                       | 17.13                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 17.12                    | 17.25                       | 17.15                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 17.11                    | 17.21                       | 17.16                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 18.6                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 17.21                    | 17.22                       | 17.19                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 26.0                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 25.12                    | 25.23                       | 25.12                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 25.11                    | 25.22                       | 25.11                     | 26.0                   |
| 100             | PI/2 BPSK  | 1       | 271       | 24.94                    | 25.01                       | 24.94                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 25.06                    | 25.13                       | 25.06                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 25.55                    | 25.61                       | 25.55                     | 26.0                   |
| 100             | PI/2 BPSK  | 135     | 138       | 24.83                    | 24.95                       | 24.87                     | 26.0                   |
| 100             | PI/2 BPSK  | 270     | 0         | 25.03                    | 25.12                       | 25.05                     |                        |
| 100             | QPSK       | 1       | 1         | 25.14                    | 25.20                       | 25.14                     |                        |
| 100             | QPSK       | 1       | 137       | 25.11                    | 25.19                       | 25.10                     | 26.0                   |
| 100             | QPSK       | 1       | 271       | 24.95                    | 25.01                       | 24.95                     |                        |
| 100             | QPSK       | 135     | 0         | 24.55                    | 24.62                       | 24.54                     |                        |
| 100             | QPSK       | 135     | 69        | 25.49                    | 25.59                       | 25.46                     | 25.7                   |
| 100             | QPSK       | 135     | 138       | 24.31                    | 24.43                       | 24.36                     | 25.7                   |
| 100             | QPSK       | 270     | 0         | 24.47                    | 24.60                       | 24.48                     |                        |
| 100             | 16QAM      | 1       | 1         | 23.89                    | 23.96                       | 23.83                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.33                    | 22.42                       | 22.29                     | 24.2                   |
| 100             | 256QAM     | 1       | 1         | 20.43                    | 20.49                       | 20.42                     | 22.2                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 26.0                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 24.96                    | 25.12                       | 24.94                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 26.0                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 24.93                    | 25.13                       | 24.92                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 26.0                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 24.96                    | 25.10                       | 25.00                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 26.0                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 24.99                    | 25.10                       | 25.01                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 26.0                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 24.94                    | 25.11                       | 24.97                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 26.0                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.92                    | 25.08                       | 24.95                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 26.0                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.97                    | 25.03                       | 24.92                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 26.0                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 24.98                    | 25.09                       | 24.94                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 26.0                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 25.01                    | 25.06                       | 24.93                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 26.0                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 25.01                    | 25.08                       | 24.93                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 26.0                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 25.02                    | 25.08                       | 24.92                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 17.9                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 17.19                    | 17.31                       | 17.24                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 16.99                    | 17.01                       | 16.92                     | 17.9                   |
| 100             | PI/2 BPSK  | 1       | 271       | 17.22                    | 17.30                       | 17.19                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 17.20                    | 17.28                       | 17.19                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 17.23                    | 17.29                       | 17.20                     | 17.9                   |
| 100             | PI/2 BPSK  | 135     | 138       | 17.19                    | 17.26                       | 17.17                     | 17.9                   |
| 100             | PI/2 BPSK  | 270     | 0         | 17.30                    | 17.42                       | 17.30                     |                        |
| 100             | QPSK       | 1       | 1         | 17.20                    | 17.25                       | 17.24                     |                        |
| 100             | QPSK       | 1       | 137       | 16.96                    | 16.95                       | 16.94                     | 17.9                   |
| 100             | QPSK       | 1       | 271       | 17.22                    | 17.24                       | 17.24                     |                        |
| 100             | QPSK       | 135     | 0         | 17.17                    | 17.23                       | 17.19                     |                        |
| 100             | QPSK       | 135     | 69        | 17.21                    | 17.22                       | 17.23                     | 17.9                   |
| 100             | QPSK       | 135     | 138       | 17.14                    | 17.14                       | 17.14                     | 17.9                   |
| 100             | QPSK       | 270     | 0         | 17.36                    | 17.32                       | 17.31                     |                        |
| 100             | 16QAM      | 1       | 1         | 17.07                    | 17.28                       | 17.20                     |                        |
| 100             | 64QAM      | 1       | 1         | 17.11                    | 17.24                       | 17.22                     | 17.9                   |
| 100             | 256QAM     | 1       | 1         | 17.08                    | 17.30                       | 17.17                     | 17.9                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 17.9                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 17.18                    | 17.19                       | 17.14                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 17.9                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 17.08                    | 17.19                       | 17.14                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 17.9                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 17.17                    | 17.23                       | 17.22                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 17.9                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 17.15                    | 17.21                       | 17.22                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 17.9                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 17.10                    | 17.20                       | 17.18                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 17.9                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 17.17                    | 17.22                       | 17.14                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 17.9                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 17.07                    | 17.20                       | 17.22                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 17.9                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 17.15                    | 17.24                       | 17.13                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 17.9                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 17.12                    | 17.25                       | 17.15                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 17.9                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 17.11                    | 17.21                       | 17.16                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 17.9                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 17.21                    | 17.22                       | 17.19                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 20.94                    | 21.00                       | 20.94                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 20.94                    | 20.99                       | 20.92                     | 22.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 20.95                    | 20.98                       | 20.93                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 21.33                    | 21.40                       | 21.38                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 21.41                    | 21.46                       | 21.42                     | 22.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 21.30                    | 21.33                       | 21.31                     | 22.5                   |
| 100             | PI/2 BPSK  | 270     | 0         | 21.49                    | 21.51                       | 21.45                     |                        |
| 100             | QPSK       | 1       | 1         | 20.90                    | 20.94                       | 20.89                     |                        |
| 100             | QPSK       | 1       | 137       | 20.80                    | 20.90                       | 20.80                     | 22.5                   |
| 100             | QPSK       | 1       | 271       | 20.85                    | 20.88                       | 20.79                     |                        |
| 100             | QPSK       | 135     | 0         | 21.23                    | 21.33                       | 21.25                     |                        |
| 100             | QPSK       | 135     | 69        | 21.34                    | 21.37                       | 21.29                     | 22.5                   |
| 100             | QPSK       | 135     | 138       | 21.21                    | 21.26                       | 21.15                     | 22.5                   |
| 100             | QPSK       | 270     | 0         | 21.41                    | 21.45                       | 21.39                     |                        |
| 100             | 16QAM      | 1       | 1         | 20.97                    | 20.99                       | 20.97                     |                        |
| 100             | 64QAM      | 1       | 1         | 20.93                    | 20.96                       | 20.88                     | 22.5                   |
| 100             | 256QAM     | 1       | 1         | 20.90                    | 20.96                       | 20.90                     | 22.2                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 22.5                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 20.87                    | 20.86                       | 20.81                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 22.5                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 20.80                    | 20.95                       | 20.79                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 20.87                    | 20.93                       | 20.82                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 22.5                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 20.83                    | 20.85                       | 20.79                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 22.5                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 20.88                    | 20.91                       | 20.83                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 20.89                    | 20.87                       | 20.88                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 22.5                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 20.89                    | 20.85                       | 20.86                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 22.5                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 20.80                    | 20.86                       | 20.84                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 22.5                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 20.84                    | 20.94                       | 20.89                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 22.5                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 20.81                    | 20.85                       | 20.82                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 20.85                    | 20.86                       | 20.83                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 24.24                    | 24.31                       | 24.17                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 23.93                    | 24.01                       | 23.95                     | 24.7                   |
| 100             | PI/2 BPSK  | 1       | 271       | 24.22                    | 24.30                       | 24.20                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 24.22                    | 24.31                       | 24.26                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 24.24                    | 24.32                       | 24.26                     | 24.7                   |
| 100             | PI/2 BPSK  | 135     | 138       | 23.96                    | 24.06                       | 23.98                     | 24.7                   |
| 100             | PI/2 BPSK  | 270     | 0         | 24.39                    | 24.45                       | 24.34                     |                        |
| 100             | QPSK       | 1       | 1         | 24.07                    | 24.22                       | 24.08                     |                        |
| 100             | QPSK       | 1       | 137       | 24.01                    | 23.95                       | 24.03                     | 24.7                   |
| 100             | QPSK       | 1       | 271       | 24.18                    | 24.23                       | 24.20                     |                        |
| 100             | QPSK       | 135     | 0         | 24.07                    | 24.20                       | 24.06                     |                        |
| 100             | QPSK       | 135     | 69        | 24.12                    | 24.22                       | 24.15                     | 24.7                   |
| 100             | QPSK       | 135     | 138       | 23.82                    | 23.97                       | 23.84                     | 24.7                   |
| 100             | QPSK       | 270     | 0         | 24.28                    | 24.33                       | 24.28                     |                        |
| 100             | 16QAM      | 1       | 1         | 24.19                    | 24.33                       | 24.26                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.63                    | 22.78                       | 22.73                     | 24.0                   |
| 100             | 256QAM     | 1       | 1         | 20.68                    | 20.75                       | 20.67                     | 22.0                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 24.20                    | 24.27                       | 24.04                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 24.11                    | 24.23                       | 24.08                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 24.17                    | 24.26                       | 24.13                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 24.19                    | 24.18                       | 24.04                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 24.18                    | 24.26                       | 24.11                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.13                    | 24.27                       | 24.05                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.19                    | 24.18                       | 24.13                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 24.12                    | 24.27                       | 24.12                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.17                    | 24.22                       | 24.08                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.20                    | 24.23                       | 24.05                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.11                    | 24.23                       | 24.07                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 22.06                    | 22.17                       | 22.06                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 22.04                    | 22.16                       | 22.05                     | 24.0                   |
| 100             | PI/2 BPSK  | 1       | 271       | 22.01                    | 22.09                       | 22.02                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 22.42                    | 22.45                       | 22.46                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 22.39                    | 22.51                       | 22.43                     | 24.0                   |
| 100             | PI/2 BPSK  | 135     | 138       | 22.26                    | 22.32                       | 22.27                     | 24.0                   |
| 100             | PI/2 BPSK  | 270     | 0         | 22.39                    | 22.49                       | 22.46                     |                        |
| 100             | QPSK       | 1       | 1         | 22.06                    | 22.15                       | 22.14                     |                        |
| 100             | QPSK       | 1       | 137       | 22.04                    | 22.07                       | 22.05                     | 24.0                   |
| 100             | QPSK       | 1       | 271       | 22.01                    | 22.04                       | 22.03                     |                        |
| 100             | QPSK       | 135     | 0         | 22.41                    | 22.50                       | 22.48                     |                        |
| 100             | QPSK       | 135     | 69        | 22.35                    | 22.43                       | 22.39                     | 24.0                   |
| 100             | QPSK       | 135     | 138       | 22.24                    | 22.30                       | 22.26                     | 24.0                   |
| 100             | QPSK       | 270     | 0         | 22.39                    | 22.48                       | 22.44                     |                        |
| 100             | 16QAM      | 1       | 1         | 22.04                    | 22.15                       | 22.14                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.02                    | 22.13                       | 22.08                     | 24.0                   |
| 100             | 256QAM     | 1       | 1         | 20.55                    | 20.56                       | 20.54                     | 22.2                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.13                    | 22.15                       | 22.12                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.05                    | 22.16                       | 22.00                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.00                    | 22.14                       | 22.01                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 22.04                    | 22.14                       | 22.04                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.03                    | 22.14                       | 22.02                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.01                    | 22.16                       | 22.01                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.04                    | 22.14                       | 22.02                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 22.02                    | 22.11                       | 22.03                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.01                    | 22.11                       | 22.03                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.05                    | 22.12                       | 22.01                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.03                    | 22.15                       | 22.02                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 25.9                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 24.24                    | 24.31                       | 24.17                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 23.93                    | 24.01                       | 23.95                     | 25.9                   |
| 100             | PI/2 BPSK  | 1       | 271       | 24.22                    | 24.30                       | 24.20                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 24.22                    | 24.31                       | 24.26                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 24.24                    | 24.32                       | 24.26                     | 25.9                   |
| 100             | PI/2 BPSK  | 135     | 138       | 23.96                    | 24.06                       | 23.98                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 24.39                    | 24.45                       | 24.34                     |                        |
| 100             | QPSK       | 1       | 1         | 24.07                    | 24.22                       | 24.08                     | 25.9                   |
| 100             | QPSK       | 1       | 137       | 24.01                    | 23.95                       | 24.03                     |                        |
| 100             | QPSK       | 1       | 271       | 24.18                    | 24.23                       | 24.20                     |                        |
| 100             | QPSK       | 135     | 0         | 24.07                    | 24.20                       | 24.06                     | 25.5                   |
| 100             | QPSK       | 135     | 69        | 24.12                    | 24.22                       | 24.15                     | 25.9                   |
| 100             | QPSK       | 135     | 138       | 23.82                    | 23.97                       | 23.84                     | 25.5                   |
| 100             | QPSK       | 270     | 0         | 24.28                    | 24.33                       | 24.28                     |                        |
| 100             | 16QAM      | 1       | 1         | 24.19                    | 24.33                       | 24.26                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.63                    | 22.78                       | 22.73                     | 24.0                   |
| 100             | 256QAM     | 1       | 1         | 20.68                    | 20.75                       | 20.67                     | 22.0                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 25.9                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 24.20                    | 24.27                       | 24.04                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 25.9                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 24.11                    | 24.23                       | 24.08                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 25.9                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 24.17                    | 24.26                       | 24.13                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 25.9                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 24.19                    | 24.18                       | 24.04                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 25.9                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 24.18                    | 24.26                       | 24.11                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 25.9                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.13                    | 24.27                       | 24.05                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 25.9                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.19                    | 24.18                       | 24.13                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 25.9                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 24.12                    | 24.27                       | 24.12                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 25.9                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.17                    | 24.22                       | 24.08                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 25.9                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.20                    | 24.23                       | 24.05                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 25.9                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.11                    | 24.23                       | 24.07                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 22.06                    | 22.17                       | 22.06                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 22.04                    | 22.16                       | 22.05                     | 24.0                   |
| 100             | PI/2 BPSK  | 1       | 271       | 22.01                    | 22.09                       | 22.02                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 22.42                    | 22.45                       | 22.46                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 22.39                    | 22.51                       | 22.43                     | 24.0                   |
| 100             | PI/2 BPSK  | 135     | 138       | 22.26                    | 22.32                       | 22.27                     | 24.0                   |
| 100             | PI/2 BPSK  | 270     | 0         | 22.39                    | 22.49                       | 22.46                     |                        |
| 100             | QPSK       | 1       | 1         | 22.06                    | 22.15                       | 22.14                     |                        |
| 100             | QPSK       | 1       | 137       | 22.04                    | 22.07                       | 22.05                     | 24.0                   |
| 100             | QPSK       | 1       | 271       | 22.01                    | 22.04                       | 22.03                     |                        |
| 100             | QPSK       | 135     | 0         | 22.41                    | 22.50                       | 22.48                     |                        |
| 100             | QPSK       | 135     | 69        | 22.35                    | 22.43                       | 22.39                     | 24.0                   |
| 100             | QPSK       | 135     | 138       | 22.24                    | 22.30                       | 22.26                     | 24.0                   |
| 100             | QPSK       | 270     | 0         | 22.39                    | 22.48                       | 22.44                     |                        |
| 100             | 16QAM      | 1       | 1         | 22.04                    | 22.15                       | 22.14                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.02                    | 22.13                       | 22.08                     | 24.0                   |
| 100             | 256QAM     | 1       | 1         | 20.55                    | 20.56                       | 20.54                     | 22.2                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.13                    | 22.15                       | 22.12                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.05                    | 22.16                       | 22.00                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.00                    | 22.14                       | 22.01                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 22.04                    | 22.14                       | 22.04                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.03                    | 22.14                       | 22.02                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.01                    | 22.16                       | 22.01                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.04                    | 22.14                       | 22.02                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 22.02                    | 22.11                       | 22.03                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.01                    | 22.11                       | 22.03                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.05                    | 22.12                       | 22.01                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 24.0                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.03                    | 22.15                       | 22.02                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 24.24                    | 24.31                       | 24.17                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 23.93                    | 24.01                       | 23.95                     | 24.7                   |
| 100             | PI/2 BPSK  | 1       | 271       | 24.22                    | 24.30                       | 24.20                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 24.22                    | 24.31                       | 24.26                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 24.24                    | 24.32                       | 24.26                     | 24.7                   |
| 100             | PI/2 BPSK  | 135     | 138       | 23.96                    | 24.06                       | 23.98                     | 24.7                   |
| 100             | PI/2 BPSK  | 270     | 0         | 24.39                    | 24.45                       | 24.34                     |                        |
| 100             | QPSK       | 1       | 1         | 24.07                    | 24.22                       | 24.08                     |                        |
| 100             | QPSK       | 1       | 137       | 24.01                    | 23.95                       | 24.03                     | 24.7                   |
| 100             | QPSK       | 1       | 271       | 24.18                    | 24.23                       | 24.20                     |                        |
| 100             | QPSK       | 135     | 0         | 24.07                    | 24.20                       | 24.06                     |                        |
| 100             | QPSK       | 135     | 69        | 24.12                    | 24.22                       | 24.15                     | 24.7                   |
| 100             | QPSK       | 135     | 138       | 23.82                    | 23.97                       | 23.84                     | 24.7                   |
| 100             | QPSK       | 270     | 0         | 24.28                    | 24.33                       | 24.28                     |                        |
| 100             | 16QAM      | 1       | 1         | 24.19                    | 24.33                       | 24.26                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.63                    | 22.78                       | 22.73                     | 24.0                   |
| 100             | 256QAM     | 1       | 1         | 20.68                    | 20.75                       | 20.67                     | 22.0                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 24.20                    | 24.27                       | 24.04                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 24.11                    | 24.23                       | 24.08                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 24.17                    | 24.26                       | 24.13                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 24.19                    | 24.18                       | 24.04                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 24.18                    | 24.26                       | 24.11                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.13                    | 24.27                       | 24.05                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.19                    | 24.18                       | 24.13                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 24.12                    | 24.27                       | 24.12                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.17                    | 24.22                       | 24.08                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.20                    | 24.23                       | 24.05                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 24.7                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.11                    | 24.23                       | 24.07                     |                        |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.64                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.63                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.51                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.59                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.11                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.25                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.58                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.59                    |                        | 25.1                |
| 100             | QPSK       | 1       | 137       |                       | 23.55                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.51                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.09                    |                        | 24.2                |
| 100             | QPSK       | 135     | 69        |                       | 24.10                    |                        | 25.1                |
| 100             | QPSK       | 135     | 138       |                       | 22.75                    |                        | 24.2                |
| 100             | QPSK       | 270     | 0         |                       | 23.09                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.62                    |                        | 24.2                |
| 100             | 64QAM      | 1       | 1         |                       | 21.11                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.15                    |                        | 20.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.55                 | 23.58                    | 23.54                  | 25.1                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.60                 | 23.63                    | 23.58                  | 25.1                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.59                 | 23.58                    | 23.54                  | 25.1                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.54                 | 23.63                    | 23.62                  | 25.1                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.55                 | 23.58                    | 23.60                  | 25.1                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.61                 | 23.58                    | 23.62                  | 25.1                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.61                 | 23.60                    | 23.56                  | 25.1                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.54                 | 23.58                    | 23.58                  | 25.1                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.56                 | 23.63                    | 23.58                  | 25.1                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.62                 | 23.62                    | 23.57                  | 25.1                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.62                 | 23.60                    | 23.60                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 14.52                    |                        | 15.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 14.09                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 14.41                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 14.49                    |                        | 15.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 14.53                    |                        | 15.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 14.16                    |                        | 15.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 14.55                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 14.25                    |                        | 15.6                |
| 100             | QPSK       | 1       | 137       |                       | 14.07                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 14.50                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 14.38                    |                        | 15.6                |
| 100             | QPSK       | 135     | 69        |                       | 14.31                    |                        | 15.6                |
| 100             | QPSK       | 135     | 138       |                       | 14.10                    |                        | 15.6                |
| 100             | QPSK       | 270     | 0         |                       | 14.46                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 14.25                    |                        | 15.6                |
| 100             | 64QAM      | 1       | 1         |                       | 14.23                    |                        | 15.6                |
| 100             | 256QAM     | 1       | 1         |                       | 14.27                    |                        | 15.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 14.34                 | 14.41                    | 14.35                  | 15.6                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 14.36                 | 14.40                    | 14.34                  | 15.6                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 14.37                 | 14.40                    | 14.29                  | 15.6                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 14.35                 | 14.41                    | 14.31                  | 15.6                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 14.39                 | 14.47                    | 14.35                  | 15.6                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 14.36                 | 14.46                    | 14.31                  | 15.6                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 14.33                 | 14.47                    | 14.30                  | 15.6                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 14.32                 | 14.46                    | 14.34                  | 15.6                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 14.37                 | 14.42                    | 14.33                  | 15.6                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 14.34                 | 14.44                    | 14.35                  | 15.6                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 14.33                 | 14.41                    | 14.40                  | 15.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.85                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.84                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.73                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.27                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.28                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.03                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.25                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.82                    |                        | 23.0                |
| 100             | QPSK       | 1       | 137       |                       | 21.80                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.72                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.24                    |                        | 23.0                |
| 100             | QPSK       | 135     | 69        |                       | 22.26                    |                        | 23.0                |
| 100             | QPSK       | 135     | 138       |                       | 21.93                    |                        | 23.0                |
| 100             | QPSK       | 270     | 0         |                       | 22.25                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.80                    |                        | 23.0                |
| 100             | 64QAM      | 1       | 1         |                       | 20.96                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.01                    |                        | 20.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.69                 | 21.79                    | 21.80                  | 23.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.70                    | 21.74                  | 23.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.70                 | 21.68                    | 21.74                  | 23.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.66                 | 21.76                    | 21.82                  | 23.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.77                    | 21.79                  | 23.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.65                    | 21.73                  | 23.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.82                 | 21.77                    | 21.66                  | 23.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.80                 | 21.75                    | 21.79                  | 23.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.68                    | 21.65                  | 23.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.74                 | 21.69                    | 21.72                  | 23.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.74                 | 21.78                    | 21.67                  | 23.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 14.52                    |                        | 14.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 14.09                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 14.41                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 14.49                    |                        | 14.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 14.53                    |                        | 14.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 14.16                    |                        | 14.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 14.55                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 14.25                    |                        | 14.9                |
| 100             | QPSK       | 1       | 137       |                       | 14.07                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 14.50                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 14.38                    |                        | 14.9                |
| 100             | QPSK       | 135     | 69        |                       | 14.31                    |                        | 14.9                |
| 100             | QPSK       | 135     | 138       |                       | 14.10                    |                        | 14.9                |
| 100             | QPSK       | 270     | 0         |                       | 14.46                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 14.25                    |                        | 14.9                |
| 100             | 64QAM      | 1       | 1         |                       | 14.23                    |                        | 14.9                |
| 100             | 256QAM     | 1       | 1         |                       | 14.27                    |                        | 14.9                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 14.34                 | 14.41                    | 14.35                  | 14.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 14.36                 | 14.40                    | 14.34                  | 14.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 14.37                 | 14.40                    | 14.29                  | 14.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 14.35                 | 14.41                    | 14.31                  | 14.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 14.39                 | 14.47                    | 14.35                  | 14.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 14.36                 | 14.46                    | 14.31                  | 14.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 14.33                 | 14.47                    | 14.30                  | 14.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 14.32                 | 14.46                    | 14.34                  | 14.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 14.37                 | 14.42                    | 14.33                  | 14.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 14.34                 | 14.44                    | 14.35                  | 14.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 14.33                 | 14.41                    | 14.40                  | 14.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 18.36                    |                        | 19.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 18.31                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 18.25                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 18.69                    |                        | 19.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 18.70                    |                        | 19.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 18.33                    |                        | 19.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 18.66                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 18.28                    |                        | 19.5                |
| 100             | QPSK       | 1       | 137       |                       | 18.25                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 18.22                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 18.59                    |                        | 19.5                |
| 100             | QPSK       | 135     | 69        |                       | 18.60                    |                        | 19.5                |
| 100             | QPSK       | 135     | 138       |                       | 18.27                    |                        | 19.5                |
| 100             | QPSK       | 270     | 0         |                       | 18.57                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 18.33                    |                        | 19.5                |
| 100             | 64QAM      | 1       | 1         |                       | 18.26                    |                        | 19.5                |
| 100             | 256QAM     | 1       | 1         |                       | 18.32                    |                        | 19.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.24                 | 18.34                    | 18.23                  | 19.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.23                 | 18.32                    | 18.25                  | 19.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.30                 | 18.26                    | 18.30                  | 19.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.26                 | 18.33                    | 18.20                  | 19.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.29                 | 18.28                    | 18.29                  | 19.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.26                 | 18.33                    | 18.26                  | 19.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.25                 | 18.29                    | 18.24                  | 19.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.24                 | 18.33                    | 18.27                  | 19.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.26                 | 18.31                    | 18.20                  | 19.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.24                 | 18.24                    | 18.22                  | 19.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.28                 | 18.25                    | 18.21                  | 19.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.60                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.10                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.59                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.58                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.59                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.58                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.69                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.54                    |                        | 21.7                |
| 100             | QPSK       | 1       | 137       |                       | 21.25                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.54                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.55                    |                        | 21.7                |
| 100             | QPSK       | 135     | 69        |                       | 21.61                    |                        | 21.7                |
| 100             | QPSK       | 135     | 138       |                       | 21.25                    |                        | 21.7                |
| 100             | QPSK       | 270     | 0         |                       | 21.66                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.64                    |                        | 21.7                |
| 100             | 64QAM      | 1       | 1         |                       | 21.56                    |                        | 21.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.65                    |                        | 20.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.42                 | 21.47                    | 21.42                  | 21.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.41                 | 21.48                    | 21.43                  | 21.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.43                 | 21.51                    | 21.45                  | 21.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.44                 | 21.51                    | 21.43                  | 21.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.40                 | 21.54                    | 21.39                  | 21.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.48                 | 21.50                    | 21.39                  | 21.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.44                 | 21.46                    | 21.48                  | 21.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.48                 | 21.45                    | 21.41                  | 21.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.48                 | 21.53                    | 21.42                  | 21.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.48                 | 21.50                    | 21.43                  | 21.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.43                 | 21.47                    | 21.40                  | 21.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.33                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.22                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.15                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.58                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.69                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.42                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.67                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.08                    |                        | 21.0                |
| 100             | QPSK       | 1       | 137       |                       | 20.26                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.17                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.67                    |                        | 21.0                |
| 100             | QPSK       | 135     | 69        |                       | 20.58                    |                        | 21.0                |
| 100             | QPSK       | 135     | 138       |                       | 20.49                    |                        | 21.0                |
| 100             | QPSK       | 270     | 0         |                       | 20.62                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.05                    |                        | 21.0                |
| 100             | 64QAM      | 1       | 1         |                       | 20.02                    |                        | 21.0                |
| 100             | 256QAM     | 1       | 1         |                       | 19.26                    |                        | 20.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.72                 | 19.95                    | 19.99                  | 21.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.67                 | 19.98                    | 20.01                  | 21.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.72                 | 19.98                    | 19.98                  | 21.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.68                 | 19.97                    | 19.99                  | 21.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.68                 | 19.99                    | 20.00                  | 21.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.70                 | 19.96                    | 19.99                  | 21.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.69                 | 19.99                    | 19.98                  | 21.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.69                 | 19.94                    | 20.01                  | 21.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.70                 | 19.94                    | 19.98                  | 21.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.71                 | 19.94                    | 19.98                  | 21.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.69                 | 19.94                    | 19.97                  | 21.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.60                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.10                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.59                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.58                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.59                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.58                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.69                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.54                    |                        | 22.9                |
| 100             | QPSK       | 1       | 137       |                       | 21.25                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.54                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.55                    |                        | 22.9                |
| 100             | QPSK       | 135     | 69        |                       | 21.61                    |                        | 22.9                |
| 100             | QPSK       | 135     | 138       |                       | 21.25                    |                        | 22.9                |
| 100             | QPSK       | 270     | 0         |                       | 21.66                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.64                    |                        | 22.9                |
| 100             | 64QAM      | 1       | 1         |                       | 21.56                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.65                    |                        | 20.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.42                 | 21.47                    | 21.42                  | 22.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.41                 | 21.48                    | 21.43                  | 22.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.43                 | 21.51                    | 21.45                  | 22.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.44                 | 21.51                    | 21.43                  | 22.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.40                 | 21.54                    | 21.39                  | 22.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.48                 | 21.50                    | 21.39                  | 22.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.44                 | 21.46                    | 21.48                  | 22.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.48                 | 21.45                    | 21.41                  | 22.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.48                 | 21.53                    | 21.42                  | 22.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.48                 | 21.50                    | 21.43                  | 22.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.43                 | 21.47                    | 21.40                  | 22.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 20.33                       |                           | 21.0                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 20.22                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 20.15                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 20.58                       |                           | 21.0                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 20.69                       |                           | 21.0                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 20.42                       |                           | 21.0                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 20.67                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 20.08                       |                           | 21.0                   |
| 100             | QPSK       | 1       | 137       |                          | 20.26                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 20.17                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 20.67                       |                           | 21.0                   |
| 100             | QPSK       | 135     | 69        |                          | 20.58                       |                           | 21.0                   |
| 100             | QPSK       | 135     | 138       |                          | 20.49                       |                           | 21.0                   |
| 100             | QPSK       | 270     | 0         |                          | 20.62                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 20.05                       |                           | 21.0                   |
| 100             | 64QAM      | 1       | 1         |                          | 20.02                       |                           | 21.0                   |
| 100             | 256QAM     | 1       | 1         |                          | 19.26                       |                           | 20.7                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 19.72                    | 19.95                       | 19.99                     | 21.0                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 19.67                    | 19.98                       | 20.01                     | 21.0                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 19.72                    | 19.98                       | 19.98                     | 21.0                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 19.68                    | 19.97                       | 19.99                     | 21.0                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 19.68                    | 19.99                       | 20.00                     | 21.0                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 19.70                    | 19.96                       | 19.99                     | 21.0                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 19.69                    | 19.99                       | 19.98                     | 21.0                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 19.69                    | 19.94                       | 20.01                     | 21.0                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 19.70                    | 19.94                       | 19.98                     | 21.0                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 19.71                    | 19.94                       | 19.98                     | 21.0                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 19.69                    | 19.94                       | 19.97                     | 21.0                   |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.60                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.10                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.59                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.58                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.59                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.58                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.69                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.54                    |                        | 21.7                |
| 100             | QPSK       | 1       | 137       |                       | 21.25                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.54                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.55                    |                        | 21.7                |
| 100             | QPSK       | 135     | 69        |                       | 21.61                    |                        | 21.7                |
| 100             | QPSK       | 135     | 138       |                       | 21.25                    |                        | 21.7                |
| 100             | QPSK       | 270     | 0         |                       | 21.66                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.64                    |                        | 21.7                |
| 100             | 64QAM      | 1       | 1         |                       | 21.56                    |                        | 21.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.65                    |                        | 20.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.42                 | 21.47                    | 21.42                  | 21.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.41                 | 21.48                    | 21.43                  | 21.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.43                 | 21.51                    | 21.45                  | 21.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.44                 | 21.51                    | 21.43                  | 21.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.40                 | 21.54                    | 21.39                  | 21.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.48                 | 21.50                    | 21.39                  | 21.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.44                 | 21.46                    | 21.48                  | 21.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.48                 | 21.45                    | 21.41                  | 21.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.48                 | 21.53                    | 21.42                  | 21.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.48                 | 21.50                    | 21.43                  | 21.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.43                 | 21.47                    | 21.40                  | 21.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.29                    |                        | 26.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.22                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.18                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.22                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.83                    |                        | 26.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.96                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.29                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.25                    |                        | 26.7                |
| 100             | QPSK       | 1       | 137       |                       | 25.23                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.22                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.80                    |                        | 25.7                |
| 100             | QPSK       | 135     | 69        |                       | 25.82                    |                        | 26.7                |
| 100             | QPSK       | 135     | 138       |                       | 24.45                    |                        | 25.7                |
| 100             | QPSK       | 270     | 0         |                       | 24.77                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.29                    |                        | 25.7                |
| 100             | 64QAM      | 1       | 1         |                       | 22.74                    |                        | 24.2                |
| 100             | 256QAM     | 1       | 1         |                       | 20.84                    |                        | 22.2                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.19                 | 25.22                    | 25.11                  | 26.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.07                 | 25.09                    | 24.98                  | 26.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.07                 | 25.09                    | 25.00                  | 26.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.12                 | 25.09                    | 25.03                  | 26.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.08                 | 25.14                    | 25.01                  | 26.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.13                 | 25.15                    | 24.99                  | 26.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.13                 | 25.11                    | 25.04                  | 26.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.06                 | 25.10                    | 25.04                  | 26.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.07                 | 25.13                    | 25.01                  | 26.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.07                 | 25.11                    | 25.03                  | 26.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.10                 | 25.09                    | 25.01                  | 26.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 18.6                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 17.38                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 17.09                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 17.37                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 17.42                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 17.43                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 17.38                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 17.56                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 17.32                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 17.04                    |                        | 18.6                |
| 100             | QPSK       | 1       | 271       |                       | 17.33                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 17.31                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 17.36                    |                        | 18.6                |
| 100             | QPSK       | 135     | 138       |                       | 17.25                    |                        | 18.6                |
| 100             | QPSK       | 270     | 0         |                       | 17.46                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 17.41                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 17.34                    |                        | 18.6                |
| 100             | 256QAM     | 1       | 1         |                       | 17.40                    |                        | 18.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 17.18                 | 17.30                    | 17.18                  |                     |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 17.16                 | 17.33                    | 17.18                  |                     |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 17.15                 | 17.27                    | 17.19                  |                     |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 17.23                 | 17.33                    | 17.22                  |                     |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 17.21                 | 17.32                    | 17.19                  |                     |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 17.23                 | 17.25                    | 17.15                  |                     |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 17.22                 | 17.32                    | 17.19                  |                     |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 17.15                 | 17.29                    | 17.21                  |                     |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 17.22                 | 17.31                    | 17.17                  |                     |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 17.16                 | 17.24                    | 17.21                  |                     |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 17.17                 | 17.30                    | 17.16                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.29                    |                        | 26.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.22                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.18                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.22                    |                        | 26.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.83                    |                        | 26.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.96                    |                        | 26.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.29                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.25                    |                        | 26.0                |
| 100             | QPSK       | 1       | 137       |                       | 25.23                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.22                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.80                    |                        | 25.7                |
| 100             | QPSK       | 135     | 69        |                       | 25.82                    |                        | 26.0                |
| 100             | QPSK       | 135     | 138       |                       | 24.45                    |                        | 25.7                |
| 100             | QPSK       | 270     | 0         |                       | 24.77                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.29                    |                        | 25.7                |
| 100             | 64QAM      | 1       | 1         |                       | 22.74                    |                        | 24.2                |
| 100             | 256QAM     | 1       | 1         |                       | 20.84                    |                        | 22.2                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.19                 | 25.22                    | 25.11                  | 26.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.07                 | 25.09                    | 24.98                  | 26.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.07                 | 25.09                    | 25.00                  | 26.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.12                 | 25.09                    | 25.03                  | 26.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.08                 | 25.14                    | 25.01                  | 26.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.13                 | 25.15                    | 24.99                  | 26.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.13                 | 25.11                    | 25.04                  | 26.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.06                 | 25.10                    | 25.04                  | 26.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.07                 | 25.13                    | 25.01                  | 26.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.07                 | 25.11                    | 25.03                  | 26.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.10                 | 25.09                    | 25.01                  | 26.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 17.38                    |                        | 17.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 17.09                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 17.37                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 17.42                    |                        | 17.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 17.43                    |                        | 17.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 17.38                    |                        | 17.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 17.56                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 17.32                    |                        | 17.9                |
| 100             | QPSK       | 1       | 137       |                       | 17.04                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 17.33                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 17.31                    |                        | 17.9                |
| 100             | QPSK       | 135     | 69        |                       | 17.36                    |                        | 17.9                |
| 100             | QPSK       | 135     | 138       |                       | 17.25                    |                        | 17.9                |
| 100             | QPSK       | 270     | 0         |                       | 17.46                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 17.41                    |                        | 17.9                |
| 100             | 64QAM      | 1       | 1         |                       | 17.34                    |                        | 17.9                |
| 100             | 256QAM     | 1       | 1         |                       | 17.40                    |                        | 17.9                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 17.18                 | 17.30                    | 17.18                  | 17.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 17.16                 | 17.33                    | 17.18                  | 17.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 17.15                 | 17.27                    | 17.19                  | 17.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 17.23                 | 17.33                    | 17.22                  | 17.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 17.21                 | 17.32                    | 17.19                  | 17.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 17.23                 | 17.25                    | 17.15                  | 17.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 17.22                 | 17.32                    | 17.19                  | 17.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 17.15                 | 17.29                    | 17.21                  | 17.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 17.22                 | 17.31                    | 17.17                  | 17.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 17.16                 | 17.24                    | 17.21                  | 17.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 17.17                 | 17.30                    | 17.16                  | 17.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.30                    |                        | 22.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.22                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.29                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.60                    |                        | 22.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.64                    |                        | 22.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.53                    |                        | 22.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.68                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.25                    |                        | 22.5                |
| 100             | QPSK       | 1       | 137       |                       | 21.22                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.11                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.57                    |                        | 22.5                |
| 100             | QPSK       | 135     | 69        |                       | 21.60                    |                        | 22.5                |
| 100             | QPSK       | 135     | 138       |                       | 21.49                    |                        | 22.5                |
| 100             | QPSK       | 270     | 0         |                       | 21.62                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.15                    |                        | 22.5                |
| 100             | 64QAM      | 1       | 1         |                       | 21.19                    |                        | 22.5                |
| 100             | 256QAM     | 1       | 1         |                       | 21.15                    |                        | 22.2                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.13                 | 21.23                    | 21.17                  | 22.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.09                 | 21.17                    | 21.13                  | 22.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.10                 | 21.18                    | 21.15                  | 22.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.16                 | 21.20                    | 21.13                  | 22.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.10                 | 21.19                    | 21.17                  | 22.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.15                 | 21.18                    | 21.17                  | 22.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.14                 | 21.21                    | 21.13                  | 22.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.07                 | 21.20                    | 21.20                  | 22.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.18                 | 21.15                    | 21.15                  | 22.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.12                 | 21.24                    | 21.21                  | 22.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.09                 | 21.15                    | 21.11                  | 22.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.48                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.14                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.42                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.40                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.45                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.13                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.51                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.37                    |                        | 24.7                |
| 100             | QPSK       | 1       | 137       |                       | 24.21                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.33                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.27                    |                        | 24.7                |
| 100             | QPSK       | 135     | 69        |                       | 24.28                    |                        | 24.7                |
| 100             | QPSK       | 135     | 138       |                       | 24.13                    |                        | 24.7                |
| 100             | QPSK       | 270     | 0         |                       | 24.41                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.48                    |                        | 24.7                |
| 100             | 64QAM      | 1       | 1         |                       | 22.73                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 20.61                    |                        | 22.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.43                    | 24.41                  | 24.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.37                    | 24.32                  | 24.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.34                 | 24.36                    | 24.36                  | 24.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.31                 | 24.40                    | 24.32                  | 24.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.33                 | 24.40                    | 24.35                  | 24.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.36                 | 24.40                    | 24.37                  | 24.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.41                    | 24.35                  | 24.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.39                    | 24.39                  | 24.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.35                    | 24.40                  | 24.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.34                 | 24.34                    | 24.41                  | 24.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.33                 | 24.41                    | 24.34                  | 24.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.28                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.21                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.19                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.55                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.71                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.51                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.63                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.33                    |                        | 24.0                |
| 100             | QPSK       | 1       | 137       |                       | 22.26                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.20                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.66                    |                        | 24.0                |
| 100             | QPSK       | 135     | 69        |                       | 22.59                    |                        | 24.0                |
| 100             | QPSK       | 135     | 138       |                       | 22.45                    |                        | 24.0                |
| 100             | QPSK       | 270     | 0         |                       | 22.59                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.11                    |                        | 24.0                |
| 100             | 64QAM      | 1       | 1         |                       | 22.03                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 20.74                    |                        | 22.2                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.08                 | 22.09                    | 22.07                  | 24.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.08                 | 22.05                    | 22.05                  | 24.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.05                 | 22.10                    | 22.03                  | 24.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.07                 | 22.05                    | 22.04                  | 24.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.05                 | 22.10                    | 22.07                  | 24.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.03                 | 22.08                    | 22.07                  | 24.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.07                 | 22.09                    | 22.05                  | 24.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.03                 | 22.06                    | 22.03                  | 24.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.03                 | 22.08                    | 22.02                  | 24.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.03                 | 22.06                    | 22.04                  | 24.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.04                 | 22.06                    | 22.02                  | 24.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.48                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.14                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.42                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.40                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.45                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.13                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.51                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.37                    |                        | 25.9                |
| 100             | QPSK       | 1       | 137       |                       | 24.21                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.33                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.27                    |                        | 25.5                |
| 100             | QPSK       | 135     | 69        |                       | 24.28                    |                        | 25.9                |
| 100             | QPSK       | 135     | 138       |                       | 24.13                    |                        | 25.5                |
| 100             | QPSK       | 270     | 0         |                       | 24.41                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.48                    |                        | 25.5                |
| 100             | 64QAM      | 1       | 1         |                       | 22.73                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 20.61                    |                        | 22.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.43                    | 24.41                  | 25.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.37                    | 24.32                  | 25.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.34                 | 24.36                    | 24.36                  | 25.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.31                 | 24.40                    | 24.32                  | 25.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.33                 | 24.40                    | 24.35                  | 25.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.36                 | 24.40                    | 24.37                  | 25.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.41                    | 24.35                  | 25.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.39                    | 24.39                  | 25.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.35                    | 24.40                  | 25.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.34                 | 24.34                    | 24.41                  | 25.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.33                 | 24.41                    | 24.34                  | 25.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.28                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.21                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.19                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.55                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.71                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.51                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.63                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.33                    |                        | 24.0                |
| 100             | QPSK       | 1       | 137       |                       | 22.26                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.20                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.66                    |                        | 24.0                |
| 100             | QPSK       | 135     | 69        |                       | 22.59                    |                        | 24.0                |
| 100             | QPSK       | 135     | 138       |                       | 22.45                    |                        | 24.0                |
| 100             | QPSK       | 270     | 0         |                       | 22.59                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.11                    |                        | 24.0                |
| 100             | 64QAM      | 1       | 1         |                       | 22.03                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 20.74                    |                        | 22.2                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.08                 | 22.09                    | 22.07                  | 24.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.08                 | 22.05                    | 22.05                  | 24.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.05                 | 22.10                    | 22.03                  | 24.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.07                 | 22.05                    | 22.04                  | 24.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.05                 | 22.10                    | 22.07                  | 24.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.03                 | 22.08                    | 22.07                  | 24.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.07                 | 22.09                    | 22.05                  | 24.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.03                 | 22.06                    | 22.03                  | 24.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.03                 | 22.08                    | 22.02                  | 24.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.03                 | 22.06                    | 22.04                  | 24.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.04                 | 22.06                    | 22.02                  | 24.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.48                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.14                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.42                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.40                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.45                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.13                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.51                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.37                    |                        | 24.7                |
| 100             | QPSK       | 1       | 137       |                       | 24.21                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.33                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.27                    |                        | 24.7                |
| 100             | QPSK       | 135     | 69        |                       | 24.28                    |                        | 24.7                |
| 100             | QPSK       | 135     | 138       |                       | 24.13                    |                        | 24.7                |
| 100             | QPSK       | 270     | 0         |                       | 24.41                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.48                    |                        | 24.7                |
| 100             | 64QAM      | 1       | 1         |                       | 22.73                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 20.61                    |                        | 22.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.43                    | 24.41                  | 24.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.37                    | 24.32                  | 24.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.34                 | 24.36                    | 24.36                  | 24.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.31                 | 24.40                    | 24.32                  | 24.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.33                 | 24.40                    | 24.35                  | 24.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.36                 | 24.40                    | 24.37                  | 24.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.41                    | 24.35                  | 24.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.39                    | 24.39                  | 24.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.35                    | 24.40                  | 24.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.34                 | 24.34                    | 24.41                  | 24.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.33                 | 24.41                    | 24.34                  | 24.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.32                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.25                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.28                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.56                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.01                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.24                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.45                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.25                    |                        | 25.1                |
| 100             | QPSK       | 1       | 137       |                       | 23.31                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.29                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.05                    |                        | 24.2                |
| 100             | QPSK       | 135     | 69        |                       | 24.00                    |                        | 25.1                |
| 100             | QPSK       | 135     | 138       |                       | 22.78                    |                        | 24.2                |
| 100             | QPSK       | 270     | 0         |                       | 22.97                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.33                    |                        | 24.2                |
| 100             | 64QAM      | 1       | 1         |                       | 20.77                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 18.81                    |                        | 20.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.22                 | 23.27                    | 23.24                  | 25.1                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.31                    | 23.30                  | 25.1                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.27                 | 23.22                    | 23.25                  | 25.1                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.25                    | 23.27                  | 25.1                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.28                 | 23.24                    | 23.24                  | 25.1                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.30                 | 23.24                    | 23.26                  | 25.1                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.28                 | 23.27                    | 23.22                  | 25.1                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.28                    | 23.26                  | 25.1                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.22                 | 23.28                    | 23.31                  | 25.1                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.23                    | 23.26                  | 25.1                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.22                 | 23.24                    | 23.31                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 14.30                    |                        | 15.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 13.91                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 14.13                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 14.19                    |                        | 15.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 14.29                    |                        | 15.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 13.93                    |                        | 15.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 14.33                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 14.20                    |                        | 15.6                |
| 100             | QPSK       | 1       | 137       |                       | 14.10                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 14.25                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 14.15                    |                        | 15.6                |
| 100             | QPSK       | 135     | 69        |                       | 14.03                    |                        | 15.6                |
| 100             | QPSK       | 135     | 138       |                       | 14.10                    |                        | 15.6                |
| 100             | QPSK       | 270     | 0         |                       | 14.21                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 13.94                    |                        | 15.6                |
| 100             | 64QAM      | 1       | 1         |                       | 14.02                    |                        | 15.6                |
| 100             | 256QAM     | 1       | 1         |                       | 14.01                    |                        | 15.6                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 14.20                 | 14.21                    | 14.15                  | 15.6                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 14.16                 | 14.25                    | 14.16                  | 15.6                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 14.16                 | 14.22                    | 14.13                  | 15.6                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 14.15                 | 14.23                    | 14.10                  | 15.6                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 14.17                 | 14.18                    | 14.11                  | 15.6                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 14.16                 | 14.19                    | 14.18                  | 15.6                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 14.14                 | 14.24                    | 14.10                  | 15.6                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 14.20                 | 14.19                    | 14.12                  | 15.6                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 14.17                 | 14.20                    | 14.15                  | 15.6                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 14.16                 | 14.21                    | 14.10                  | 15.6                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 14.23                 | 14.16                    | 14.25                  | 15.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.51                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.88                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.85                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.30                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.26                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.98                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.18                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.48                    |                        | 23.0                |
| 100             | QPSK       | 1       | 137       |                       | 21.79                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.77                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.29                    |                        | 23.0                |
| 100             | QPSK       | 135     | 69        |                       | 22.25                    |                        | 23.0                |
| 100             | QPSK       | 135     | 138       |                       | 21.98                    |                        | 23.0                |
| 100             | QPSK       | 270     | 0         |                       | 22.17                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.46                    |                        | 23.0                |
| 100             | 64QAM      | 1       | 1         |                       | 21.03                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 18.86                    |                        | 20.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.51                 | 21.38                    | 21.48                  | 23.0                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.46                 | 21.42                    | 21.45                  | 23.0                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.47                 | 21.31                    | 21.33                  | 23.0                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.34                 | 21.43                    | 21.32                  | 23.0                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.36                 | 21.42                    | 21.37                  | 23.0                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.32                 | 21.33                    | 21.46                  | 23.0                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.41                 | 21.42                    | 21.47                  | 23.0                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.36                 | 21.46                    | 21.41                  | 23.0                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.35                 | 21.33                    | 21.33                  | 23.0                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.33                 | 21.36                    | 21.44                  | 23.0                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.42                 | 21.50                    | 21.45                  | 23.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 14.30                    |                        | 14.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 13.91                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 14.13                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 14.19                    |                        | 14.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 14.29                    |                        | 14.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 13.93                    |                        | 14.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 14.33                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 14.20                    |                        | 14.9                |
| 100             | QPSK       | 1       | 137       |                       | 14.10                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 14.25                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 14.15                    |                        | 14.9                |
| 100             | QPSK       | 135     | 69        |                       | 14.03                    |                        | 14.9                |
| 100             | QPSK       | 135     | 138       |                       | 14.10                    |                        | 14.9                |
| 100             | QPSK       | 270     | 0         |                       | 14.21                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 13.94                    |                        | 14.9                |
| 100             | 64QAM      | 1       | 1         |                       | 14.02                    |                        | 14.9                |
| 100             | 256QAM     | 1       | 1         |                       | 14.01                    |                        | 14.9                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 14.20                 | 14.21                    | 14.15                  | 14.9                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 14.16                 | 14.25                    | 14.16                  | 14.9                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 14.16                 | 14.22                    | 14.13                  | 14.9                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 14.15                 | 14.23                    | 14.10                  | 14.9                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 14.17                 | 14.18                    | 14.11                  | 14.9                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 14.16                 | 14.19                    | 14.18                  | 14.9                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 14.14                 | 14.24                    | 14.10                  | 14.9                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 14.20                 | 14.19                    | 14.12                  | 14.9                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 14.17                 | 14.20                    | 14.15                  | 14.9                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 14.16                 | 14.21                    | 14.10                  | 14.9                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 14.23                 | 14.16                    | 14.25                  | 14.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 18.05                    |                        | 19.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 18.04                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 17.99                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 18.23                    |                        | 19.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 18.20                    |                        | 19.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 18.06                    |                        | 19.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 18.26                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 18.03                    |                        | 19.5                |
| 100             | QPSK       | 1       | 137       |                       | 17.94                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 17.97                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 18.36                    |                        | 19.5                |
| 100             | QPSK       | 135     | 69        |                       | 18.33                    |                        | 19.5                |
| 100             | QPSK       | 135     | 138       |                       | 18.06                    |                        | 19.5                |
| 100             | QPSK       | 270     | 0         |                       | 18.27                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 18.11                    |                        | 19.5                |
| 100             | 64QAM      | 1       | 1         |                       | 17.99                    |                        | 19.5                |
| 100             | 256QAM     | 1       | 1         |                       | 18.08                    |                        | 19.5                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 17.95                 | 17.90                    | 17.93                  | 19.5                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 17.89                 | 18.00                    | 17.98                  | 19.5                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 17.89                 | 17.99                    | 17.91                  | 19.5                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 17.94                 | 17.90                    | 17.91                  | 19.5                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 17.89                 | 18.00                    | 17.97                  | 19.5                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 17.94                 | 17.99                    | 17.94                  | 19.5                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 17.90                 | 17.96                    | 17.89                  | 19.5                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 17.90                 | 17.90                    | 17.92                  | 19.5                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 17.90                 | 17.95                    | 17.97                  | 19.5                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 17.92                 | 17.90                    | 17.95                  | 19.5                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 17.88                 | 17.93                    | 17.95                  | 19.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.56                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.96                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.38                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.45                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.47                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.39                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.57                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.41                    |                        | 21.7                |
| 100             | QPSK       | 1       | 137       |                       | 21.14                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.40                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.41                    |                        | 21.7                |
| 100             | QPSK       | 135     | 69        |                       | 21.49                    |                        | 21.7                |
| 100             | QPSK       | 135     | 138       |                       | 21.10                    |                        | 21.7                |
| 100             | QPSK       | 270     | 0         |                       | 21.56                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.42                    |                        | 21.7                |
| 100             | 64QAM      | 1       | 1         |                       | 21.42                    |                        | 21.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.49                    |                        | 20.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.42                 | 21.43                    | 21.43                  | 21.7                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.41                 | 21.48                    | 21.42                  | 21.7                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.38                 | 21.44                    | 21.41                  | 21.7                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.37                 | 21.44                    | 21.43                  | 21.7                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.41                 | 21.42                    | 21.48                  | 21.7                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.39                 | 21.42                    | 21.48                  | 21.7                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.38                 | 21.51                    | 21.43                  | 21.7                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.40                 | 21.45                    | 21.39                  | 21.7                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.43                 | 21.42                    | 21.41                  | 21.7                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.45                 | 21.45                    | 21.39                  | 21.7                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.44                 | 21.51                    | 21.43                  | 21.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.06                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.03                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.94                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.40                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.49                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.28                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.43                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.83                    |                        | 21.0                |
| 100             | QPSK       | 1       | 137       |                       | 19.98                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.02                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.46                    |                        | 21.0                |
| 100             | QPSK       | 135     | 69        |                       | 20.39                    |                        | 21.0                |
| 100             | QPSK       | 135     | 138       |                       | 20.25                    |                        | 21.0                |
| 100             | QPSK       | 270     | 0         |                       | 20.44                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.86                    |                        | 21.0                |
| 100             | 64QAM      | 1       | 1         |                       | 19.80                    |                        | 21.0                |
| 100             | 256QAM     | 1       | 1         |                       | 19.00                    |                        | 20.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.97                 | 20.02                    | 19.94                  | 21.0                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.96                 | 20.00                    | 19.99                  | 21.0                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.96                 | 19.99                    | 19.94                  | 21.0                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.97                 | 20.02                    | 19.97                  | 21.0                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.99                 | 19.99                    | 19.98                  | 21.0                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.97                 | 19.98                    | 19.99                  | 21.0                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.94                 | 19.97                    | 19.97                  | 21.0                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.99                 | 19.97                    | 19.94                  | 21.0                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.01                 | 20.00                    | 19.96                  | 21.0                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.96                 | 20.02                    | 19.98                  | 21.0                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.97                 | 19.98                    | 19.99                  | 21.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.56                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.96                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.38                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.45                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.47                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.39                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.57                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.41                    |                        | 22.9                |
| 100             | QPSK       | 1       | 137       |                       | 21.14                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.40                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.41                    |                        | 22.9                |
| 100             | QPSK       | 135     | 69        |                       | 21.49                    |                        | 22.9                |
| 100             | QPSK       | 135     | 138       |                       | 21.10                    |                        | 22.9                |
| 100             | QPSK       | 270     | 0         |                       | 21.56                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.42                    |                        | 22.9                |
| 100             | 64QAM      | 1       | 1         |                       | 21.42                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.49                    |                        | 20.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.42                 | 21.43                    | 21.43                  | 22.9                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.41                 | 21.48                    | 21.42                  | 22.9                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.38                 | 21.44                    | 21.41                  | 22.9                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.37                 | 21.44                    | 21.43                  | 22.9                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.41                 | 21.42                    | 21.48                  | 22.9                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.39                 | 21.42                    | 21.48                  | 22.9                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.38                 | 21.51                    | 21.43                  | 22.9                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.40                 | 21.45                    | 21.39                  | 22.9                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.43                 | 21.42                    | 21.41                  | 22.9                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.45                 | 21.45                    | 21.39                  | 22.9                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.44                 | 21.51                    | 21.43                  | 22.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.06                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.03                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.94                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.40                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.49                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.28                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.43                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.83                    |                        | 21.0                |
| 100             | QPSK       | 1       | 137       |                       | 19.98                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.02                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.46                    |                        | 21.0                |
| 100             | QPSK       | 135     | 69        |                       | 20.39                    |                        | 21.0                |
| 100             | QPSK       | 135     | 138       |                       | 20.25                    |                        | 21.0                |
| 100             | QPSK       | 270     | 0         |                       | 20.44                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.86                    |                        | 21.0                |
| 100             | 64QAM      | 1       | 1         |                       | 19.80                    |                        | 21.0                |
| 100             | 256QAM     | 1       | 1         |                       | 19.00                    |                        | 20.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.97                 | 20.02                    | 19.94                  | 21.0                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.96                 | 20.00                    | 19.99                  | 21.0                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.96                 | 19.99                    | 19.94                  | 21.0                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.97                 | 20.02                    | 19.97                  | 21.0                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.99                 | 19.99                    | 19.98                  | 21.0                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.97                 | 19.98                    | 19.99                  | 21.0                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.94                 | 19.97                    | 19.97                  | 21.0                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.99                 | 19.97                    | 19.94                  | 21.0                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.01                 | 20.00                    | 19.96                  | 21.0                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.96                 | 20.02                    | 19.98                  | 21.0                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.97                 | 19.98                    | 19.99                  | 21.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 650000                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3750                        |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 21.56                       |                           | 21.7                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 20.96                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 21.38                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 21.45                       |                           | 21.7                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 21.47                       |                           | 21.7                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 21.39                       |                           | 21.7                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 21.57                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 21.41                       |                           | 21.7                   |
| 100             | QPSK       | 1       | 137       |                          | 21.14                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 21.40                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 21.41                       |                           | 21.7                   |
| 100             | QPSK       | 135     | 69        |                          | 21.49                       |                           | 21.7                   |
| 100             | QPSK       | 135     | 138       |                          | 21.10                       |                           | 21.7                   |
| 100             | QPSK       | 270     | 0         |                          | 21.56                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 21.42                       |                           | 21.7                   |
| 100             | 64QAM      | 1       | 1         |                          | 21.42                       |                           | 21.7                   |
| 100             | 256QAM     | 1       | 1         |                          | 19.49                       |                           | 20.7                   |
| Channel         |            |         |           | 649668                   | 650000                      | 650332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3745.02                  | 3750                        | 3754.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.42                    | 21.43                       | 21.43                     | 21.7                   |
| Channel         |            |         |           | 649334                   | 650000                      | 650666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3740.01                  | 3750                        | 3759.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.41                    | 21.48                       | 21.42                     | 21.7                   |
| Channel         |            |         |           | 649000                   | 650000                      | 651000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3735                     | 3750                        | 3765                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.38                    | 21.44                       | 21.41                     | 21.7                   |
| Channel         |            |         |           | 648668                   | 650000                      | 651332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3730.02                  | 3750                        | 3769.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.37                    | 21.44                       | 21.43                     | 21.7                   |
| Channel         |            |         |           | 648334                   | 650000                      | 651666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3725.01                  | 3750                        | 3774.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.41                    | 21.42                       | 21.48                     | 21.7                   |
| Channel         |            |         |           | 648000                   | 650000                      | 652000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3720                     | 3750                        | 3780                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.39                    | 21.42                       | 21.48                     | 21.7                   |
| Channel         |            |         |           | 647668                   | 650000                      | 652332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3715.02                  | 3750.00                     | 3784.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.38                    | 21.51                       | 21.43                     | 21.7                   |
| Channel         |            |         |           | 647500                   | 650000                      | 652500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3712.5                   | 3750.00                     | 3787.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.40                    | 21.45                       | 21.39                     | 21.7                   |
| Channel         |            |         |           | 647334                   | 650000                      | 652666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3710.01                  | 3750                        | 3789.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.43                    | 21.42                       | 21.41                     | 21.7                   |
| Channel         |            |         |           | 647168                   | 650000                      | 652832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3707.52                  | 3750                        | 3792.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.45                    | 21.45                       | 21.39                     | 21.7                   |
| Channel         |            |         |           | 647000                   | 650000                      | 653000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3705                     | 3750                        | 3795                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.44                    | 21.51                       | 21.43                     | 21.7                   |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.21                    |                        | 26.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.20                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.04                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.50                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.72                    |                        | 26.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.89                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.18                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.13                    |                        | 26.7                |
| 100             | QPSK       | 1       | 137       |                       | 25.33                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.05                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 25.00                    |                        | 25.7                |
| 100             | QPSK       | 135     | 69        |                       | 25.70                    |                        | 26.7                |
| 100             | QPSK       | 135     | 138       |                       | 24.44                    |                        | 25.7                |
| 100             | QPSK       | 270     | 0         |                       | 24.71                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.20                    |                        | 25.7                |
| 100             | 64QAM      | 1       | 1         |                       | 22.66                    |                        | 24.2                |
| 100             | 256QAM     | 1       | 1         |                       | 20.73                    |                        | 22.2                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.11                 | 25.18                    | 25.13                  | 26.7                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.01                 | 25.08                    | 25.01                  | 26.7                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.97                 | 25.06                    | 25.00                  | 26.7                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.95                 | 25.03                    | 24.97                  | 26.7                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.98                 | 25.05                    | 24.98                  | 26.7                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.00                 | 25.02                    | 24.98                  | 26.7                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.99                 | 25.04                    | 25.01                  | 26.7                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.97                 | 25.05                    | 24.98                  | 26.7                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.95                 | 25.04                    | 25.01                  | 26.7                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.95                 | 25.08                    | 24.98                  | 26.7                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.98                 | 25.08                    | 24.99                  | 26.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 17.50                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 17.06                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 17.40                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 17.24                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 17.46                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 17.23                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 17.58                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 17.40                    |                        | 18.6                |
| 100             | QPSK       | 1       | 137       |                       | 17.00                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 17.36                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 17.31                    |                        | 18.6                |
| 100             | QPSK       | 135     | 69        |                       | 17.36                    |                        | 18.6                |
| 100             | QPSK       | 135     | 138       |                       | 17.25                    |                        | 18.6                |
| 100             | QPSK       | 270     | 0         |                       | 17.42                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 17.35                    |                        | 18.6                |
| 100             | 64QAM      | 1       | 1         |                       | 17.34                    |                        | 18.6                |
| 100             | 256QAM     | 1       | 1         |                       | 17.40                    |                        | 18.6                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 17.33                 | 17.41                    | 17.35                  | 18.6                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 17.32                 | 17.38                    | 17.35                  | 18.6                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 17.28                 | 17.39                    | 17.35                  | 18.6                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 17.34                 | 17.45                    | 17.30                  | 18.6                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 17.29                 | 17.45                    | 17.33                  | 18.6                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 17.34                 | 17.45                    | 17.33                  | 18.6                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 17.31                 | 17.41                    | 17.32                  | 18.6                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 17.31                 | 17.39                    | 17.32                  | 18.6                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 17.29                 | 17.43                    | 17.31                  | 18.6                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 17.29                 | 17.41                    | 17.35                  | 18.6                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 17.29                 | 17.42                    | 17.36                  | 18.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.21                    |                        | 26.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.20                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.04                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.50                    |                        | 26.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.72                    |                        | 26.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.89                    |                        | 26.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.18                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.13                    |                        | 26.0                |
| 100             | QPSK       | 1       | 137       |                       | 25.33                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.05                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 25.00                    |                        | 25.7                |
| 100             | QPSK       | 135     | 69        |                       | 25.70                    |                        | 26.0                |
| 100             | QPSK       | 135     | 138       |                       | 24.44                    |                        | 25.7                |
| 100             | QPSK       | 270     | 0         |                       | 24.71                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.20                    |                        | 25.7                |
| 100             | 64QAM      | 1       | 1         |                       | 22.66                    |                        | 24.2                |
| 100             | 256QAM     | 1       | 1         |                       | 20.73                    |                        | 22.2                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.11                 | 25.18                    | 25.13                  | 26.0                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.01                 | 25.08                    | 25.01                  | 26.0                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.97                 | 25.06                    | 25.00                  | 26.0                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.95                 | 25.03                    | 24.97                  | 26.0                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.98                 | 25.05                    | 24.98                  | 26.0                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.00                 | 25.02                    | 24.98                  | 26.0                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.99                 | 25.04                    | 25.01                  | 26.0                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.97                 | 25.05                    | 24.98                  | 26.0                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.95                 | 25.04                    | 25.01                  | 26.0                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.95                 | 25.08                    | 24.98                  | 26.0                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.98                 | 25.08                    | 24.99                  | 26.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 17.50                    |                        | 17.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 17.06                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 17.40                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 17.24                    |                        | 17.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 17.46                    |                        | 17.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 17.23                    |                        | 17.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 17.58                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 17.40                    |                        | 17.9                |
| 100             | QPSK       | 1       | 137       |                       | 17.00                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 17.36                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 17.31                    |                        | 17.9                |
| 100             | QPSK       | 135     | 69        |                       | 17.36                    |                        | 17.9                |
| 100             | QPSK       | 135     | 138       |                       | 17.25                    |                        | 17.9                |
| 100             | QPSK       | 270     | 0         |                       | 17.42                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 17.35                    |                        | 17.9                |
| 100             | 64QAM      | 1       | 1         |                       | 17.34                    |                        | 17.9                |
| 100             | 256QAM     | 1       | 1         |                       | 17.40                    |                        | 17.9                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 17.33                 | 17.41                    | 17.35                  | 17.9                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 17.32                 | 17.38                    | 17.35                  | 17.9                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 17.28                 | 17.39                    | 17.35                  | 17.9                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 17.34                 | 17.45                    | 17.30                  | 17.9                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 17.29                 | 17.45                    | 17.33                  | 17.9                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 17.34                 | 17.45                    | 17.33                  | 17.9                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 17.31                 | 17.41                    | 17.32                  | 17.9                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 17.31                 | 17.39                    | 17.32                  | 17.9                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 17.29                 | 17.43                    | 17.31                  | 17.9                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 17.29                 | 17.41                    | 17.35                  | 17.9                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 17.29                 | 17.42                    | 17.36                  | 17.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.23                    |                        | 22.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.21                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.18                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.41                    |                        | 22.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.55                    |                        | 22.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.51                    |                        | 22.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.54                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.16                    |                        | 22.5                |
| 100             | QPSK       | 1       | 137       |                       | 21.17                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.06                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.43                    |                        | 22.5                |
| 100             | QPSK       | 135     | 69        |                       | 21.58                    |                        | 22.5                |
| 100             | QPSK       | 135     | 138       |                       | 21.34                    |                        | 22.5                |
| 100             | QPSK       | 270     | 0         |                       | 21.49                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.01                    |                        | 22.5                |
| 100             | 64QAM      | 1       | 1         |                       | 21.05                    |                        | 22.5                |
| 100             | 256QAM     | 1       | 1         |                       | 21.08                    |                        | 22.2                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.10                 | 21.12                    | 21.12                  | 22.5                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.17                 | 21.11                    | 21.15                  | 22.5                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.17                 | 21.15                    | 21.05                  | 22.5                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.13                 | 21.10                    | 21.11                  | 22.5                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.14                 | 21.15                    | 21.12                  | 22.5                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.15                 | 21.09                    | 21.06                  | 22.5                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.15                 | 21.15                    | 21.09                  | 22.5                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.17                 | 21.15                    | 21.06                  | 22.5                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.17                 | 21.14                    | 21.15                  | 22.5                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.09                 | 21.18                    | 21.06                  | 22.5                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.08                 | 21.11                    | 21.08                  | 22.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 650000                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3750                        |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 24.23                       |                           | 24.7                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 23.97                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 24.04                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 24.12                       |                           | 24.7                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 24.25                       |                           | 24.7                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 23.99                       |                           | 24.7                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 24.30                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 24.02                       |                           | 24.7                   |
| 100             | QPSK       | 1       | 137       |                          | 23.94                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 24.02                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 23.94                       |                           | 24.7                   |
| 100             | QPSK       | 135     | 69        |                          | 23.94                       |                           | 24.7                   |
| 100             | QPSK       | 135     | 138       |                          | 23.87                       |                           | 24.7                   |
| 100             | QPSK       | 270     | 0         |                          | 24.06                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 24.12                       |                           | 24.7                   |
| 100             | 64QAM      | 1       | 1         |                          | 22.49                       |                           | 24.0                   |
| 100             | 256QAM     | 1       | 1         |                          | 20.29                       |                           | 22.0                   |
| Channel         |            |         |           | 649668                   | 650000                      | 650332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3745.02                  | 3750                        | 3754.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 24.14                    | 24.05                       | 24.10                     | 24.7                   |
| Channel         |            |         |           | 649334                   | 650000                      | 650666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3740.01                  | 3750                        | 3759.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 24.08                    | 24.16                       | 24.09                     | 24.7                   |
| Channel         |            |         |           | 649000                   | 650000                      | 651000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3735                     | 3750                        | 3765                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 24.04                    | 24.13                       | 24.09                     | 24.7                   |
| Channel         |            |         |           | 648668                   | 650000                      | 651332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3730.02                  | 3750                        | 3769.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 24.05                    | 24.17                       | 24.00                     | 24.7                   |
| Channel         |            |         |           | 648334                   | 650000                      | 651666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3725.01                  | 3750                        | 3774.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 24.00                    | 24.10                       | 24.09                     | 24.7                   |
| Channel         |            |         |           | 648000                   | 650000                      | 652000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3720                     | 3750                        | 3780                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.10                    | 24.07                       | 24.01                     | 24.7                   |
| Channel         |            |         |           | 647668                   | 650000                      | 652332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3715.02                  | 3750.00                     | 3784.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.04                    | 24.09                       | 24.03                     | 24.7                   |
| Channel         |            |         |           | 647500                   | 650000                      | 652500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3712.5                   | 3750.00                     | 3787.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 24.09                    | 24.08                       | 24.13                     | 24.7                   |
| Channel         |            |         |           | 647334                   | 650000                      | 652666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3710.01                  | 3750                        | 3789.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.00                    | 24.13                       | 24.00                     | 24.7                   |
| Channel         |            |         |           | 647168                   | 650000                      | 652832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3707.52                  | 3750                        | 3792.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.07                    | 24.11                       | 24.13                     | 24.7                   |
| Channel         |            |         |           | 647000                   | 650000                      | 653000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3705                     | 3750                        | 3795                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.12                    | 24.13                       | 24.02                     | 24.7                   |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.31                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.30                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.16                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.80                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.95                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.40                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.65                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.19                    |                        | 24.0                |
| 100             | QPSK       | 1       | 137       |                       | 22.27                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.08                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.92                    |                        | 24.0                |
| 100             | QPSK       | 135     | 69        |                       | 22.67                    |                        | 24.0                |
| 100             | QPSK       | 135     | 138       |                       | 22.37                    |                        | 24.0                |
| 100             | QPSK       | 270     | 0         |                       | 22.64                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.20                    |                        | 24.0                |
| 100             | 64QAM      | 1       | 1         |                       | 22.13                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 20.88                    |                        | 22.2                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.34                 | 22.22                    | 22.22                  | 24.0                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.28                 | 22.14                    | 22.12                  | 24.0                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.28                 | 22.13                    | 22.12                  | 24.0                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.27                 | 22.15                    | 22.12                  | 24.0                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.29                 | 22.16                    | 22.16                  | 24.0                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.24                 | 22.16                    | 22.14                  | 24.0                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.25                 | 22.17                    | 22.16                  | 24.0                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.25                 | 22.14                    | 22.15                  | 24.0                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.24                 | 22.17                    | 22.13                  | 24.0                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.27                 | 22.14                    | 22.16                  | 24.0                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.26                 | 22.12                    | 22.13                  | 24.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.23                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.97                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.04                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.12                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.25                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.99                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.30                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.02                    |                        | 25.9                |
| 100             | QPSK       | 1       | 137       |                       | 23.94                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.02                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.94                    |                        | 25.5                |
| 100             | QPSK       | 135     | 69        |                       | 23.94                    |                        | 25.9                |
| 100             | QPSK       | 135     | 138       |                       | 23.87                    |                        | 25.5                |
| 100             | QPSK       | 270     | 0         |                       | 24.06                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.12                    |                        | 25.5                |
| 100             | 64QAM      | 1       | 1         |                       | 22.49                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 20.29                    |                        | 22.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.14                 | 24.05                    | 24.10                  | 25.9                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.08                 | 24.16                    | 24.09                  | 25.9                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.04                 | 24.13                    | 24.09                  | 25.9                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.05                 | 24.17                    | 24.00                  | 25.9                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.00                 | 24.10                    | 24.09                  | 25.9                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.10                 | 24.07                    | 24.01                  | 25.9                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.04                 | 24.09                    | 24.03                  | 25.9                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.09                 | 24.08                    | 24.13                  | 25.9                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.00                 | 24.13                    | 24.00                  | 25.9                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.07                 | 24.11                    | 24.13                  | 25.9                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.12                 | 24.13                    | 24.02                  | 25.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.31                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.30                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.16                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.80                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.95                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.40                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.65                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.19                    |                        | 24.0                |
| 100             | QPSK       | 1       | 137       |                       | 22.27                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.08                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.92                    |                        | 24.0                |
| 100             | QPSK       | 135     | 69        |                       | 22.67                    |                        | 24.0                |
| 100             | QPSK       | 135     | 138       |                       | 22.37                    |                        | 24.0                |
| 100             | QPSK       | 270     | 0         |                       | 22.64                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.20                    |                        | 24.0                |
| 100             | 64QAM      | 1       | 1         |                       | 22.13                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 20.88                    |                        | 22.2                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.34                 | 22.22                    | 22.22                  | 24.0                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.28                 | 22.14                    | 22.12                  | 24.0                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.28                 | 22.13                    | 22.12                  | 24.0                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.27                 | 22.15                    | 22.12                  | 24.0                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.29                 | 22.16                    | 22.16                  | 24.0                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.24                 | 22.16                    | 22.14                  | 24.0                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.25                 | 22.17                    | 22.16                  | 24.0                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.25                 | 22.14                    | 22.15                  | 24.0                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.24                 | 22.17                    | 22.13                  | 24.0                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.27                 | 22.14                    | 22.16                  | 24.0                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.26                 | 22.12                    | 22.13                  | 24.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 650000                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3750                        |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 24.23                       |                           | 24.7                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 23.97                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 24.04                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 24.12                       |                           | 24.7                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 24.25                       |                           | 24.7                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 23.99                       |                           | 24.7                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 24.30                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 24.02                       |                           | 24.7                   |
| 100             | QPSK       | 1       | 137       |                          | 23.94                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 24.02                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 23.94                       |                           | 24.7                   |
| 100             | QPSK       | 135     | 69        |                          | 23.94                       |                           | 24.7                   |
| 100             | QPSK       | 135     | 138       |                          | 23.87                       |                           | 24.7                   |
| 100             | QPSK       | 270     | 0         |                          | 24.06                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 24.12                       |                           | 24.7                   |
| 100             | 64QAM      | 1       | 1         |                          | 22.49                       |                           | 24.0                   |
| 100             | 256QAM     | 1       | 1         |                          | 20.29                       |                           | 22.0                   |
| Channel         |            |         |           | 649668                   | 650000                      | 650332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3745.02                  | 3750                        | 3754.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 24.14                    | 24.05                       | 24.10                     | 24.7                   |
| Channel         |            |         |           | 649334                   | 650000                      | 650666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3740.01                  | 3750                        | 3759.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 24.08                    | 24.16                       | 24.09                     | 24.7                   |
| Channel         |            |         |           | 649000                   | 650000                      | 651000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3735                     | 3750                        | 3765                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 24.04                    | 24.13                       | 24.09                     | 24.7                   |
| Channel         |            |         |           | 648668                   | 650000                      | 651332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3730.02                  | 3750                        | 3769.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 24.05                    | 24.17                       | 24.00                     | 24.7                   |
| Channel         |            |         |           | 648334                   | 650000                      | 651666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3725.01                  | 3750                        | 3774.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 24.00                    | 24.10                       | 24.09                     | 24.7                   |
| Channel         |            |         |           | 648000                   | 650000                      | 652000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3720                     | 3750                        | 3780                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.10                    | 24.07                       | 24.01                     | 24.7                   |
| Channel         |            |         |           | 647668                   | 650000                      | 652332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3715.02                  | 3750.00                     | 3784.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.04                    | 24.09                       | 24.03                     | 24.7                   |
| Channel         |            |         |           | 647500                   | 650000                      | 652500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3712.5                   | 3750.00                     | 3787.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 24.09                    | 24.08                       | 24.13                     | 24.7                   |
| Channel         |            |         |           | 647334                   | 650000                      | 652666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3710.01                  | 3750                        | 3789.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.00                    | 24.13                       | 24.00                     | 24.7                   |
| Channel         |            |         |           | 647168                   | 650000                      | 652832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3707.52                  | 3750                        | 3792.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.07                    | 24.11                       | 24.13                     | 24.7                   |
| Channel         |            |         |           | 647000                   | 650000                      | 653000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3705                     | 3750                        | 3795                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.12                    | 24.13                       | 24.02                     | 24.7                   |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.64                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.62                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.47                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.55                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.06                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.20                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.53                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.59                    |                        | 25.1                |
| 100             | QPSK       | 1       | 137       |                       | 23.58                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.46                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.07                    |                        | 24.2                |
| 100             | QPSK       | 135     | 69        |                       | 24.05                    |                        | 25.1                |
| 100             | QPSK       | 135     | 138       |                       | 22.69                    |                        | 24.2                |
| 100             | QPSK       | 270     | 0         |                       | 23.05                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.58                    |                        | 24.2                |
| 100             | 64QAM      | 1       | 1         |                       | 21.08                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.17                    |                        | 20.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.49                 | 23.55                    | 23.56                  | 25.1                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.55                 | 23.60                    | 23.60                  | 25.1                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.63                 | 23.61                    | 23.60                  | 25.1                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.62                 | 23.60                    | 23.56                  | 25.1                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.56                 | 23.59                    | 23.54                  | 25.1                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.62                 | 23.62                    | 23.58                  | 25.1                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.63                 | 23.57                    | 23.60                  | 25.1                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.59                 | 23.55                    | 23.63                  | 25.1                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.57                 | 23.59                    | 23.63                  | 25.1                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.63                 | 23.57                    | 23.56                  | 25.1                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.56                 | 23.58                    | 23.63                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 14.48                    |                        | 15.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 14.11                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 14.31                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 14.38                    |                        | 15.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 14.52                    |                        | 15.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 14.26                    |                        | 15.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 14.53                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 14.40                    |                        | 15.6                |
| 100             | QPSK       | 1       | 137       |                       | 14.12                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 14.48                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 14.37                    |                        | 15.6                |
| 100             | QPSK       | 135     | 69        |                       | 14.24                    |                        | 15.6                |
| 100             | QPSK       | 135     | 138       |                       | 14.30                    |                        | 15.6                |
| 100             | QPSK       | 270     | 0         |                       | 14.45                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 14.29                    |                        | 15.6                |
| 100             | 64QAM      | 1       | 1         |                       | 14.27                    |                        | 15.6                |
| 100             | 256QAM     | 1       | 1         |                       | 14.26                    |                        | 15.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 14.27                 | 14.42                    | 14.28                  | 15.6                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 14.33                 | 14.42                    | 14.29                  | 15.6                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 14.31                 | 14.37                    | 14.29                  | 15.6                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 14.27                 | 14.40                    | 14.28                  | 15.6                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 14.31                 | 14.36                    | 14.35                  | 15.6                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 14.35                 | 14.39                    | 14.33                  | 15.6                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 14.31                 | 14.42                    | 14.28                  | 15.6                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 14.33                 | 14.41                    | 14.33                  | 15.6                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 14.32                 | 14.38                    | 14.32                  | 15.6                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 14.28                 | 14.35                    | 14.34                  | 15.6                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 14.30                 | 14.36                    | 14.29                  | 15.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.97                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.95                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.78                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.31                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.32                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.96                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.28                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.91                    |                        | 23.0                |
| 100             | QPSK       | 1       | 137       |                       | 21.84                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.77                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.30                    |                        | 23.0                |
| 100             | QPSK       | 135     | 69        |                       | 22.28                    |                        | 23.0                |
| 100             | QPSK       | 135     | 138       |                       | 21.97                    |                        | 23.0                |
| 100             | QPSK       | 270     | 0         |                       | 22.28                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.90                    |                        | 23.0                |
| 100             | 64QAM      | 1       | 1         |                       | 21.06                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.10                    |                        | 20.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.84                 | 21.79                    | 21.80                  | 23.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.85                 | 21.85                    | 21.77                  | 23.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.96                 | 21.89                    | 21.78                  | 23.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.90                 | 21.86                    | 21.96                  | 23.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.97                 | 21.85                    | 21.83                  | 23.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.87                 | 21.89                    | 21.95                  | 23.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.96                 | 21.81                    | 21.89                  | 23.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.90                 | 21.92                    | 21.86                  | 23.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.83                 | 21.87                    | 21.92                  | 23.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.88                 | 21.90                    | 21.85                  | 23.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.97                 | 21.85                    | 21.91                  | 23.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 14.9                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 14.48                    |                        | 14.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 14.11                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 14.31                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 14.38                    |                        | 14.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 14.52                    |                        | 14.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 14.26                    |                        | 14.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 14.53                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 14.40                    |                        | 14.9                |
| 100             | QPSK       | 1       | 137       |                       | 14.12                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 14.48                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 14.37                    |                        | 14.9                |
| 100             | QPSK       | 135     | 69        |                       | 14.24                    |                        | 14.9                |
| 100             | QPSK       | 135     | 138       |                       | 14.30                    |                        | 14.9                |
| 100             | QPSK       | 270     | 0         |                       | 14.45                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 14.29                    |                        | 14.9                |
| 100             | 64QAM      | 1       | 1         |                       | 14.27                    |                        | 14.9                |
| 100             | 256QAM     | 1       | 1         |                       | 14.26                    |                        | 14.9                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 14.27                 | 14.42                    | 14.28                  | 14.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 14.33                 | 14.42                    | 14.29                  | 14.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 14.31                 | 14.37                    | 14.29                  | 14.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 14.27                 | 14.40                    | 14.28                  | 14.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 14.31                 | 14.36                    | 14.35                  | 14.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 14.35                 | 14.39                    | 14.33                  | 14.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 14.31                 | 14.42                    | 14.28                  | 14.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 14.33                 | 14.41                    | 14.33                  | 14.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 14.32                 | 14.38                    | 14.32                  | 14.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 14.28                 | 14.35                    | 14.34                  | 14.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 14.30                 | 14.36                    | 14.29                  | 14.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 18.09                    |                        | 19.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 18.01                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 17.96                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 18.20                    |                        | 19.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 18.24                    |                        | 19.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 18.12                    |                        | 19.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 18.17                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 18.03                    |                        | 19.5                |
| 100             | QPSK       | 1       | 137       |                       | 17.99                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 17.99                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 18.41                    |                        | 19.5                |
| 100             | QPSK       | 135     | 69        |                       | 18.30                    |                        | 19.5                |
| 100             | QPSK       | 135     | 138       |                       | 18.05                    |                        | 19.5                |
| 100             | QPSK       | 270     | 0         |                       | 18.39                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 18.15                    |                        | 19.5                |
| 100             | 64QAM      | 1       | 1         |                       | 17.95                    |                        | 19.5                |
| 100             | 256QAM     | 1       | 1         |                       | 18.12                    |                        | 19.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 17.98                 | 18.04                    | 17.95                  | 19.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 17.95                 | 18.04                    | 17.98                  | 19.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 17.99                 | 17.96                    | 17.98                  | 19.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.01                 | 18.01                    | 17.95                  | 19.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 17.96                 | 17.97                    | 18.00                  | 19.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 17.92                 | 17.95                    | 17.94                  | 19.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 17.98                 | 17.99                    | 17.92                  | 19.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 17.98                 | 18.03                    | 17.98                  | 19.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 17.95                 | 17.99                    | 18.01                  | 19.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 17.98                 | 17.95                    | 17.93                  | 19.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 17.97                 | 17.98                    | 17.98                  | 19.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.48                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.96                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.29                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.30                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.38                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.25                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.47                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.26                    |                        | 21.7                |
| 100             | QPSK       | 1       | 137       |                       | 21.08                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.28                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.36                    |                        | 21.7                |
| 100             | QPSK       | 135     | 69        |                       | 21.43                    |                        | 21.7                |
| 100             | QPSK       | 135     | 138       |                       | 21.04                    |                        | 21.7                |
| 100             | QPSK       | 270     | 0         |                       | 21.46                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.30                    |                        | 21.7                |
| 100             | 64QAM      | 1       | 1         |                       | 21.37                    |                        | 21.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.40                    |                        | 20.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.33                 | 21.35                    | 21.33                  | 21.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.30                 | 21.40                    | 21.39                  | 21.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.37                 | 21.40                    | 21.38                  | 21.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.31                 | 21.37                    | 21.39                  | 21.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.35                 | 21.33                    | 21.37                  | 21.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.38                 | 21.37                    | 21.37                  | 21.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.39                 | 21.34                    | 21.38                  | 21.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.34                 | 21.41                    | 21.38                  | 21.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.37                 | 21.41                    | 21.38                  | 21.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.30                 | 21.33                    | 21.32                  | 21.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.34                 | 21.43                    | 21.36                  | 21.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.07                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.05                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.04                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.27                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.25                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.14                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.29                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.10                    |                        | 21.0                |
| 100             | QPSK       | 1       | 137       |                       | 20.09                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.06                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.44                    |                        | 21.0                |
| 100             | QPSK       | 135     | 69        |                       | 20.39                    |                        | 21.0                |
| 100             | QPSK       | 135     | 138       |                       | 20.14                    |                        | 21.0                |
| 100             | QPSK       | 270     | 0         |                       | 20.44                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.11                    |                        | 21.0                |
| 100             | 64QAM      | 1       | 1         |                       | 20.05                    |                        | 21.0                |
| 100             | 256QAM     | 1       | 1         |                       | 19.21                    |                        | 20.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.07                 | 20.02                    | 20.06                  | 21.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.07                 | 19.98                    | 19.99                  | 21.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.07                 | 19.99                    | 20.01                  | 21.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.06                 | 19.98                    | 20.00                  | 21.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.02                 | 20.02                    | 20.06                  | 21.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.02                 | 20.04                    | 20.04                  | 21.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.02                 | 19.99                    | 20.02                  | 21.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.07                 | 20.04                    | 19.99                  | 21.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.01                 | 20.04                    | 20.03                  | 21.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.07                 | 19.98                    | 20.02                  | 21.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.05                 | 20.03                    | 20.00                  | 21.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.48                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.96                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.29                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.30                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.38                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.25                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.48                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.26                    |                        | 22.9                |
| 100             | QPSK       | 1       | 137       |                       | 21.08                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.28                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.36                    |                        | 22.9                |
| 100             | QPSK       | 135     | 69        |                       | 21.43                    |                        | 22.9                |
| 100             | QPSK       | 135     | 138       |                       | 21.04                    |                        | 22.9                |
| 100             | QPSK       | 270     | 0         |                       | 21.46                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.30                    |                        | 22.9                |
| 100             | 64QAM      | 1       | 1         |                       | 21.37                    |                        | 22.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.40                    |                        | 20.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.33                 | 21.35                    | 21.33                  | 22.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.30                 | 21.40                    | 21.39                  | 22.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.37                 | 21.40                    | 21.38                  | 22.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.31                 | 21.37                    | 21.39                  | 22.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.35                 | 21.33                    | 21.37                  | 22.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.38                 | 21.37                    | 21.37                  | 22.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.39                 | 21.34                    | 21.38                  | 22.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.34                 | 21.41                    | 21.38                  | 22.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.37                 | 21.41                    | 21.38                  | 22.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.30                 | 21.33                    | 21.32                  | 22.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.34                 | 21.43                    | 21.36                  | 22.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.07                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.05                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.04                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.27                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.25                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.14                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.29                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.10                    |                        | 21.0                |
| 100             | QPSK       | 1       | 137       |                       | 20.09                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.06                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.44                    |                        | 21.0                |
| 100             | QPSK       | 135     | 69        |                       | 20.39                    |                        | 21.0                |
| 100             | QPSK       | 135     | 138       |                       | 20.14                    |                        | 21.0                |
| 100             | QPSK       | 270     | 0         |                       | 20.44                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.11                    |                        | 21.0                |
| 100             | 64QAM      | 1       | 1         |                       | 20.05                    |                        | 21.0                |
| 100             | 256QAM     | 1       | 1         |                       | 19.21                    |                        | 20.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.07                 | 20.02                    | 20.06                  | 21.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.07                 | 19.98                    | 19.99                  | 21.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.07                 | 19.99                    | 20.01                  | 21.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.06                 | 19.98                    | 20.00                  | 21.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.02                 | 20.02                    | 20.06                  | 21.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.02                 | 20.04                    | 20.04                  | 21.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.02                 | 19.99                    | 20.02                  | 21.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.07                 | 20.04                    | 19.99                  | 21.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.01                 | 20.04                    | 20.03                  | 21.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.07                 | 19.98                    | 20.02                  | 21.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.05                 | 20.03                    | 20.00                  | 21.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.48                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.96                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.29                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.30                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.38                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.25                    |                        | 21.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.47                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.26                    |                        | 21.7                |
| 100             | QPSK       | 1       | 137       |                       | 21.08                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.28                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.36                    |                        | 21.7                |
| 100             | QPSK       | 135     | 69        |                       | 21.43                    |                        | 21.7                |
| 100             | QPSK       | 135     | 138       |                       | 21.04                    |                        | 21.7                |
| 100             | QPSK       | 270     | 0         |                       | 21.46                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.30                    |                        | 21.7                |
| 100             | 64QAM      | 1       | 1         |                       | 21.37                    |                        | 21.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.40                    |                        | 20.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.33                 | 21.35                    | 21.33                  | 21.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.30                 | 21.40                    | 21.39                  | 21.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.37                 | 21.40                    | 21.38                  | 21.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.31                 | 21.37                    | 21.39                  | 21.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.35                 | 21.33                    | 21.37                  | 21.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.38                 | 21.37                    | 21.37                  | 21.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.39                 | 21.34                    | 21.38                  | 21.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.34                 | 21.41                    | 21.38                  | 21.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.37                 | 21.41                    | 21.38                  | 21.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.30                 | 21.33                    | 21.32                  | 21.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.34                 | 21.43                    | 21.36                  | 21.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 26.7                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.36                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.33                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.17                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.30                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.78                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.91                    |                        |                     |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.24                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.26                    |                        | 26.7                |
| 100             | QPSK       | 1       | 137       |                       | 25.33                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.11                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.78                    |                        | 25.7                |
| 100             | QPSK       | 135     | 69        |                       | 25.77                    |                        | 26.7                |
| 100             | QPSK       | 135     | 138       |                       | 24.44                    |                        | 25.7                |
| 100             | QPSK       | 270     | 0         |                       | 24.75                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.30                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 22.74                    |                        | 24.2                |
| 100             | 256QAM     | 1       | 1         |                       | 20.81                    |                        | 22.2                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | 26.7                |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.30                 | 25.33                    | 25.30                  |                     |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | 26.7                |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.24                 | 25.18                    | 25.21                  |                     |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | 26.7                |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.17                 | 25.19                    | 25.16                  |                     |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | 26.7                |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.17                 | 25.20                    | 25.18                  |                     |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | 26.7                |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.17                 | 25.19                    | 25.24                  |                     |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | 26.7                |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.19                 | 25.21                    | 25.15                  |                     |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | 26.7                |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.19                 | 25.23                    | 25.15                  |                     |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | 26.7                |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.18                 | 25.21                    | 25.17                  |                     |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | 26.7                |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.17                 | 25.21                    | 25.15                  |                     |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | 26.7                |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.18                 | 25.27                    | 25.23                  |                     |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | 26.7                |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.18                 | 25.23                    | 25.21                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 17.51                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 16.98                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 17.34                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 17.12                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 17.41                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 17.13                    |                        | 18.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 17.47                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 17.34                    |                        | 18.6                |
| 100             | QPSK       | 1       | 137       |                       | 16.94                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 17.30                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 17.19                    |                        | 18.6                |
| 100             | QPSK       | 135     | 69        |                       | 17.28                    |                        | 18.6                |
| 100             | QPSK       | 135     | 138       |                       | 17.18                    |                        | 18.6                |
| 100             | QPSK       | 270     | 0         |                       | 17.33                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 17.28                    |                        | 18.6                |
| 100             | 64QAM      | 1       | 1         |                       | 17.28                    |                        | 18.6                |
| 100             | 256QAM     | 1       | 1         |                       | 17.31                    |                        | 18.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 17.31                 | 17.46                    | 17.30                  | 18.6                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 17.39                 | 17.39                    | 17.32                  | 18.6                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 17.37                 | 17.40                    | 17.33                  | 18.6                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 17.39                 | 17.43                    | 17.35                  | 18.6                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 17.32                 | 17.42                    | 17.30                  | 18.6                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 17.36                 | 17.41                    | 17.29                  | 18.6                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 17.34                 | 17.38                    | 17.32                  | 18.6                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 17.34                 | 17.44                    | 17.31                  | 18.6                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 17.33                 | 17.42                    | 17.36                  | 18.6                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 17.33                 | 17.39                    | 17.33                  | 18.6                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 17.33                 | 17.41                    | 17.31                  | 18.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 26.0                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.36                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.33                    |                        | 26.0                |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.17                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.30                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.78                    |                        | 26.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.91                    |                        | 26.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.24                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.26                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 25.33                    |                        | 26.0                |
| 100             | QPSK       | 1       | 271       |                       | 25.11                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.78                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 25.77                    |                        | 25.7                |
| 100             | QPSK       | 135     | 138       |                       | 24.44                    |                        | 26.0                |
| 100             | QPSK       | 270     | 0         |                       | 24.75                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.30                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 22.74                    |                        | 24.2                |
| 100             | 256QAM     | 1       | 1         |                       | 20.81                    |                        | 22.2                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | 26.0                |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.30                 | 25.33                    | 25.30                  |                     |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | 26.0                |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.24                 | 25.18                    | 25.21                  |                     |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | 26.0                |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.17                 | 25.19                    | 25.16                  |                     |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | 26.0                |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.17                 | 25.20                    | 25.18                  |                     |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | 26.0                |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.17                 | 25.19                    | 25.24                  |                     |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | 26.0                |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.19                 | 25.21                    | 25.15                  |                     |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | 26.0                |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.19                 | 25.23                    | 25.15                  |                     |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | 26.0                |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.18                 | 25.21                    | 25.17                  |                     |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | 26.0                |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.17                 | 25.21                    | 25.15                  |                     |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | 26.0                |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.18                 | 25.27                    | 25.23                  |                     |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | 26.0                |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.18                 | 25.23                    | 25.21                  |                     |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 17.51                    |                        | 17.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 16.98                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 17.34                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 17.12                    |                        | 17.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 17.41                    |                        | 17.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 17.13                    |                        | 17.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 17.47                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 17.34                    |                        | 17.9                |
| 100             | QPSK       | 1       | 137       |                       | 16.94                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 17.30                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 17.19                    |                        | 17.9                |
| 100             | QPSK       | 135     | 69        |                       | 17.28                    |                        | 17.9                |
| 100             | QPSK       | 135     | 138       |                       | 17.18                    |                        | 17.9                |
| 100             | QPSK       | 270     | 0         |                       | 17.33                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 17.28                    |                        | 17.9                |
| 100             | 64QAM      | 1       | 1         |                       | 17.28                    |                        | 17.9                |
| 100             | 256QAM     | 1       | 1         |                       | 17.31                    |                        | 17.9                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 17.31                 | 17.46                    | 17.30                  | 17.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 17.39                 | 17.39                    | 17.32                  | 17.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 17.37                 | 17.40                    | 17.33                  | 17.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 17.39                 | 17.43                    | 17.35                  | 17.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 17.32                 | 17.42                    | 17.30                  | 17.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 17.36                 | 17.41                    | 17.29                  | 17.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 17.34                 | 17.38                    | 17.32                  | 17.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 17.34                 | 17.44                    | 17.31                  | 17.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 17.33                 | 17.42                    | 17.36                  | 17.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 17.33                 | 17.39                    | 17.33                  | 17.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 17.33                 | 17.41                    | 17.31                  | 17.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.12                    |                        | 22.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.10                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.11                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.26                    |                        | 22.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.41                    |                        | 22.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.41                    |                        | 22.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.44                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.11                    |                        | 22.5                |
| 100             | QPSK       | 1       | 137       |                       | 21.07                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.94                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.28                    |                        | 22.5                |
| 100             | QPSK       | 135     | 69        |                       | 21.47                    |                        | 22.5                |
| 100             | QPSK       | 135     | 138       |                       | 21.20                    |                        | 22.5                |
| 100             | QPSK       | 270     | 0         |                       | 21.36                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.89                    |                        | 22.5                |
| 100             | 64QAM      | 1       | 1         |                       | 21.00                    |                        | 22.5                |
| 100             | 256QAM     | 1       | 1         |                       | 21.00                    |                        | 22.2                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.98                 | 21.02                    | 21.03                  | 22.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.00                 | 21.04                    | 21.01                  | 22.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.97                 | 21.06                    | 21.04                  | 22.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.97                 | 21.02                    | 21.00                  | 22.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.97                 | 21.07                    | 21.02                  | 22.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.98                 | 21.07                    | 20.99                  | 22.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.98                 | 21.04                    | 20.99                  | 22.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.95                 | 21.02                    | 20.98                  | 22.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.01                 | 21.07                    | 21.00                  | 22.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.99                 | 21.06                    | 21.03                  | 22.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.98                 | 21.03                    | 21.00                  | 22.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.27                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.99                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.10                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.09                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.31                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.96                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.30                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.02                    |                        | 24.7                |
| 100             | QPSK       | 1       | 137       |                       | 23.98                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.99                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.92                    |                        | 24.7                |
| 100             | QPSK       | 135     | 69        |                       | 24.02                    |                        | 24.7                |
| 100             | QPSK       | 135     | 138       |                       | 23.82                    |                        | 24.7                |
| 100             | QPSK       | 270     | 0         |                       | 24.13                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.13                    |                        | 24.7                |
| 100             | 64QAM      | 1       | 1         |                       | 22.49                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 20.31                    |                        | 22.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.14                    | 24.14                  | 24.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.19                 | 24.15                    | 24.22                  | 24.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.16                 | 24.21                    | 24.12                  | 24.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.21                    | 24.16                  | 24.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.14                 | 24.22                    | 24.19                  | 24.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.14                 | 24.16                    | 24.12                  | 24.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.12                 | 24.13                    | 24.21                  | 24.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.16                    | 24.15                  | 24.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.21                    | 24.22                  | 24.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.19                 | 24.20                    | 24.17                  | 24.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.20                 | 24.19                    | 24.14                  | 24.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.33                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.28                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.18                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.61                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.78                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.34                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.65                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.10                    |                        | 24.0                |
| 100             | QPSK       | 1       | 137       |                       | 22.27                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.13                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.56                    |                        | 24.0                |
| 100             | QPSK       | 135     | 69        |                       | 22.53                    |                        | 24.0                |
| 100             | QPSK       | 135     | 138       |                       | 22.29                    |                        | 24.0                |
| 100             | QPSK       | 270     | 0         |                       | 22.49                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.05                    |                        | 24.0                |
| 100             | 64QAM      | 1       | 1         |                       | 22.03                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 20.95                    |                        | 22.2                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.34                    | 22.33                  | 24.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.34                 | 22.26                    | 22.23                  | 24.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.25                    | 22.25                  | 24.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.32                 | 22.29                    | 22.24                  | 24.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.27                    | 22.28                  | 24.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.24                    | 22.27                  | 24.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.30                 | 22.28                    | 22.23                  | 24.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.33                 | 22.24                    | 22.25                  | 24.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.33                 | 22.25                    | 22.27                  | 24.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.30                 | 22.24                    | 22.27                  | 24.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.33                 | 22.27                    | 22.28                  | 24.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.27                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.99                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.10                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.09                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.31                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.96                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.30                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.02                    |                        | 25.9                |
| 100             | QPSK       | 1       | 137       |                       | 23.98                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.99                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.92                    |                        | 25.5                |
| 100             | QPSK       | 135     | 69        |                       | 24.02                    |                        | 25.9                |
| 100             | QPSK       | 135     | 138       |                       | 23.82                    |                        | 25.5                |
| 100             | QPSK       | 270     | 0         |                       | 24.13                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.13                    |                        | 25.5                |
| 100             | 64QAM      | 1       | 1         |                       | 22.49                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 20.31                    |                        | 22.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.14                    | 24.14                  | 25.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.19                 | 24.15                    | 24.22                  | 25.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.16                 | 24.21                    | 24.12                  | 25.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.21                    | 24.16                  | 25.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.14                 | 24.22                    | 24.19                  | 25.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.14                 | 24.16                    | 24.12                  | 25.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.12                 | 24.13                    | 24.21                  | 25.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.16                    | 24.15                  | 25.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.21                    | 24.22                  | 25.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.19                 | 24.20                    | 24.17                  | 25.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.20                 | 24.19                    | 24.14                  | 25.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.33                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.28                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.18                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.61                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.78                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.34                    |                        | 24.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.65                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.10                    |                        | 24.0                |
| 100             | QPSK       | 1       | 137       |                       | 22.27                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.13                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.56                    |                        | 24.0                |
| 100             | QPSK       | 135     | 69        |                       | 22.53                    |                        | 24.0                |
| 100             | QPSK       | 135     | 138       |                       | 22.29                    |                        | 24.0                |
| 100             | QPSK       | 270     | 0         |                       | 22.49                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.05                    |                        | 24.0                |
| 100             | 64QAM      | 1       | 1         |                       | 22.03                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 20.95                    |                        | 22.2                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.34                    | 22.33                  | 24.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.34                 | 22.26                    | 22.23                  | 24.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.25                    | 22.25                  | 24.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.32                 | 22.29                    | 22.24                  | 24.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.27                    | 22.28                  | 24.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.24                    | 22.27                  | 24.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.30                 | 22.28                    | 22.23                  | 24.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.33                 | 22.24                    | 22.25                  | 24.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.33                 | 22.25                    | 22.27                  | 24.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.30                 | 22.24                    | 22.27                  | 24.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.33                 | 22.27                    | 22.28                  | 24.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.27                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.99                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.10                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.09                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.31                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.96                    |                        | 24.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.30                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.02                    |                        | 24.7                |
| 100             | QPSK       | 1       | 137       |                       | 23.98                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.99                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.92                    |                        | 24.7                |
| 100             | QPSK       | 135     | 69        |                       | 24.02                    |                        | 24.7                |
| 100             | QPSK       | 135     | 138       |                       | 23.82                    |                        | 24.7                |
| 100             | QPSK       | 270     | 0         |                       | 24.13                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.13                    |                        | 24.7                |
| 100             | 64QAM      | 1       | 1         |                       | 22.49                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 20.31                    |                        | 22.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.14                    | 24.14                  | 24.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.19                 | 24.15                    | 24.22                  | 24.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.16                 | 24.21                    | 24.12                  | 24.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.21                    | 24.16                  | 24.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.14                 | 24.22                    | 24.19                  | 24.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.14                 | 24.16                    | 24.12                  | 24.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.12                 | 24.13                    | 24.21                  | 24.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.16                    | 24.15                  | 24.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.21                    | 24.22                  | 24.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.19                 | 24.20                    | 24.17                  | 24.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.20                 | 24.19                    | 24.14                  | 24.7                |