

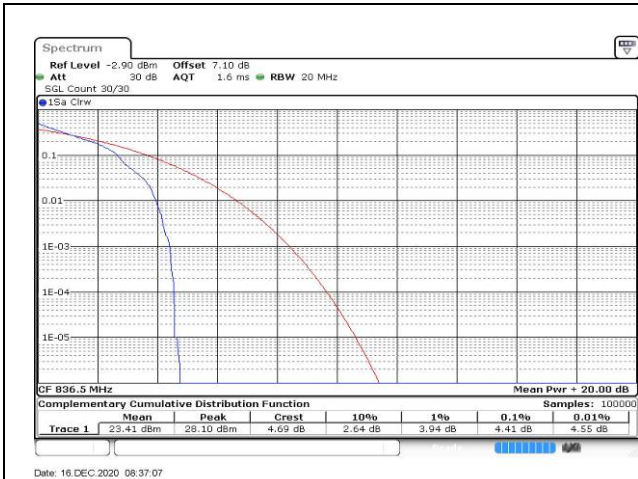


Fig.61

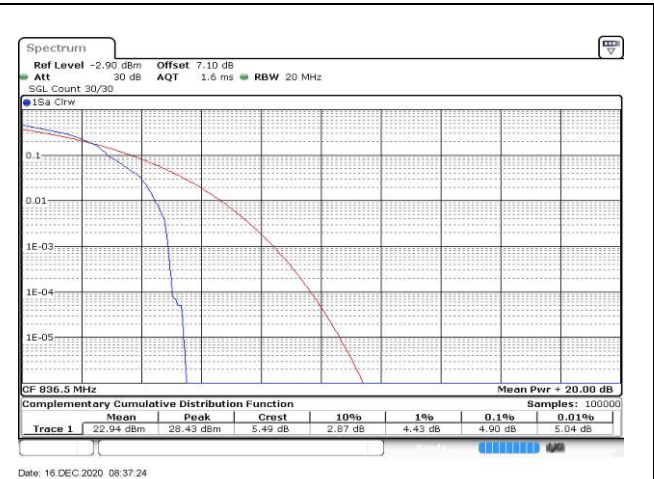


Fig.62



Fig.63



Fig.64

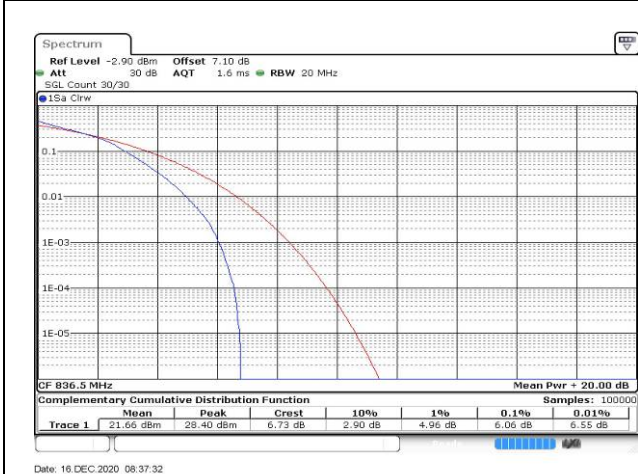


Fig.65

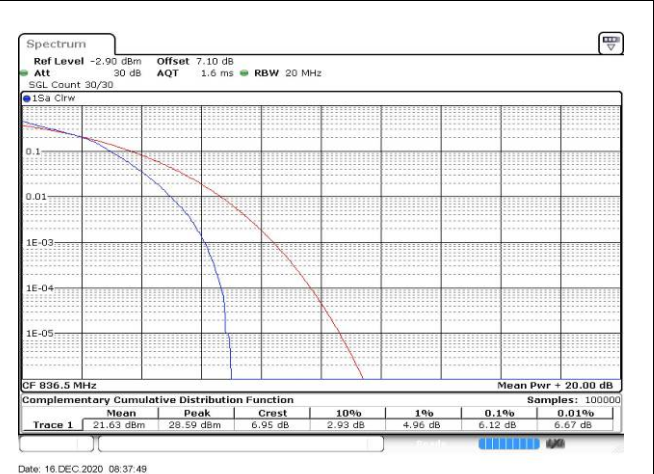


Fig.66

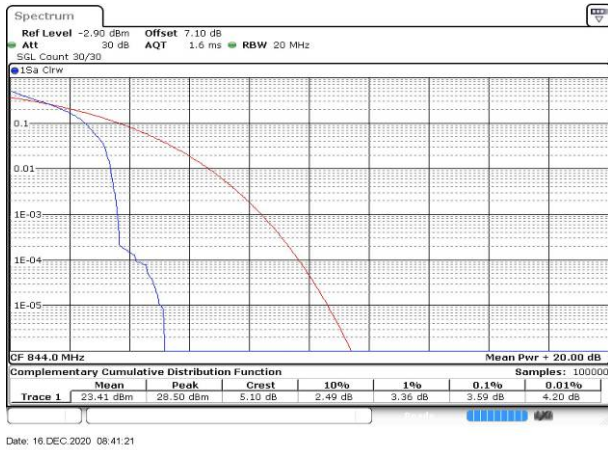


Fig.67

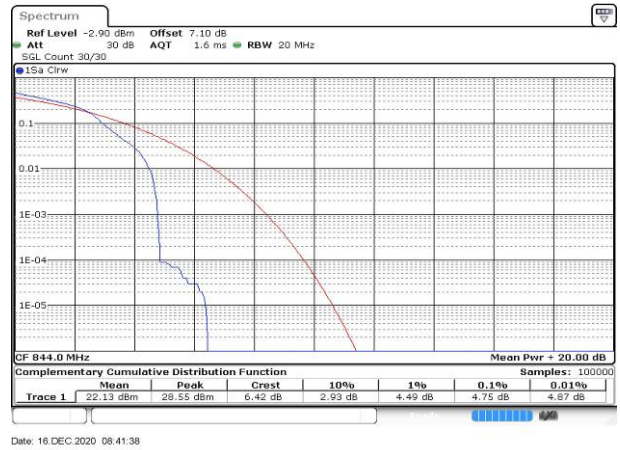


Fig.68

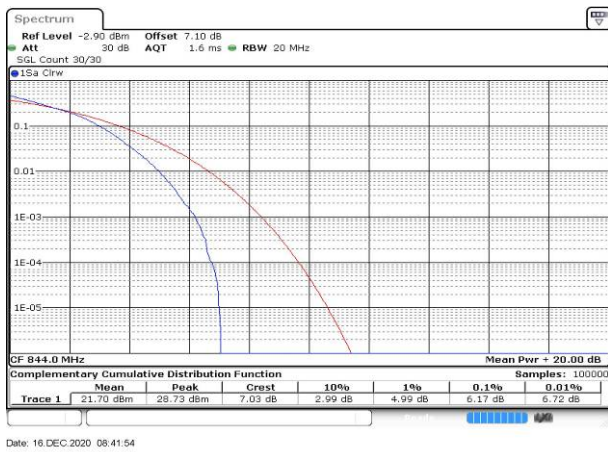


Fig.69

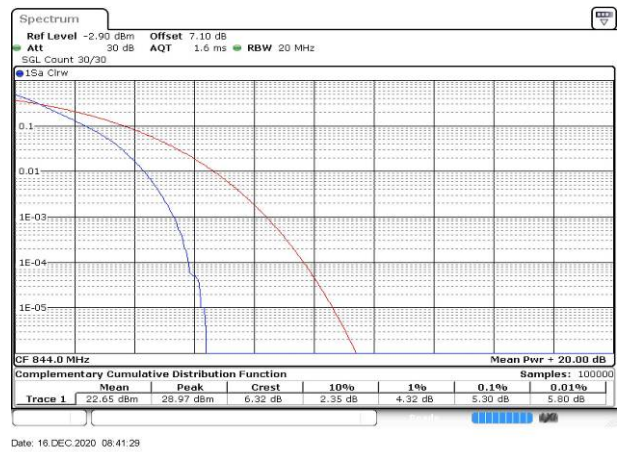


Fig.70

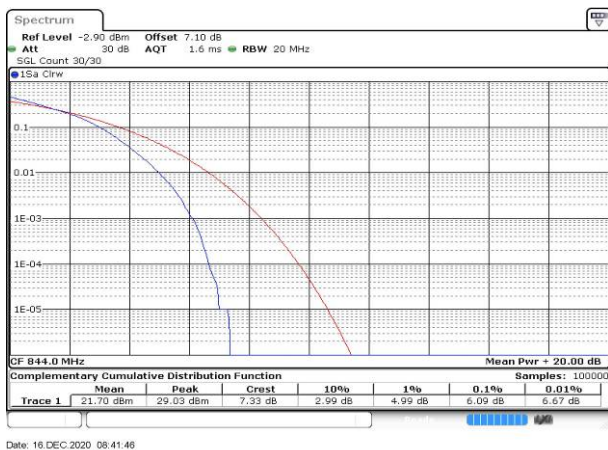


Fig.71

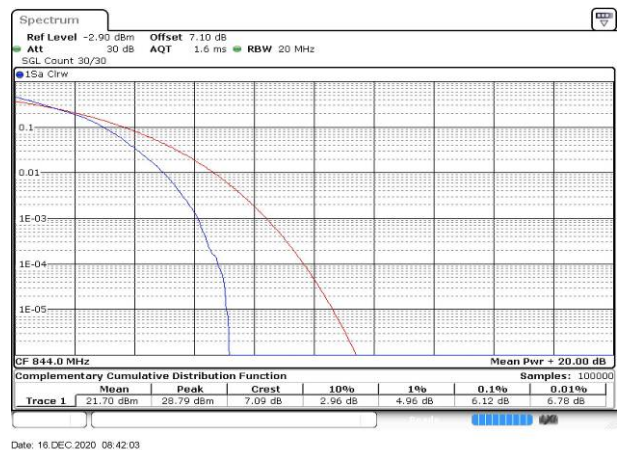


Fig.72

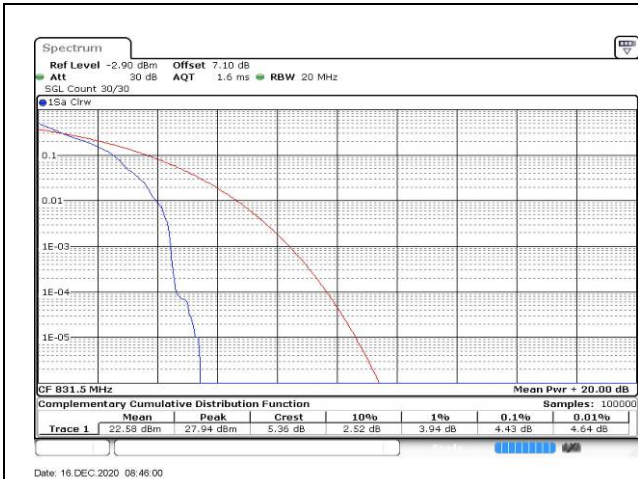


Fig.73

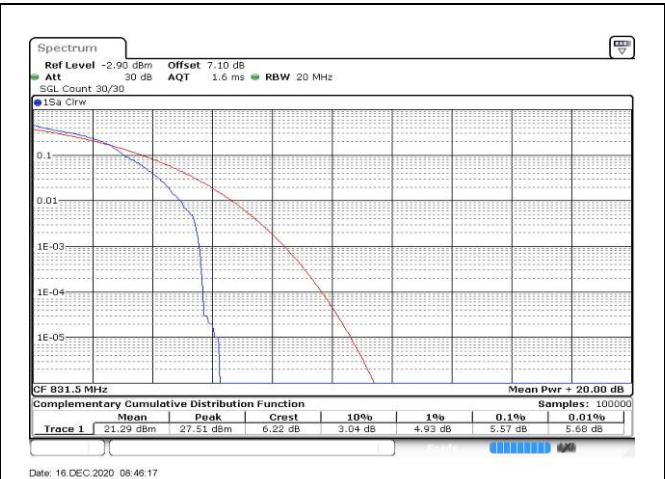


Fig.74

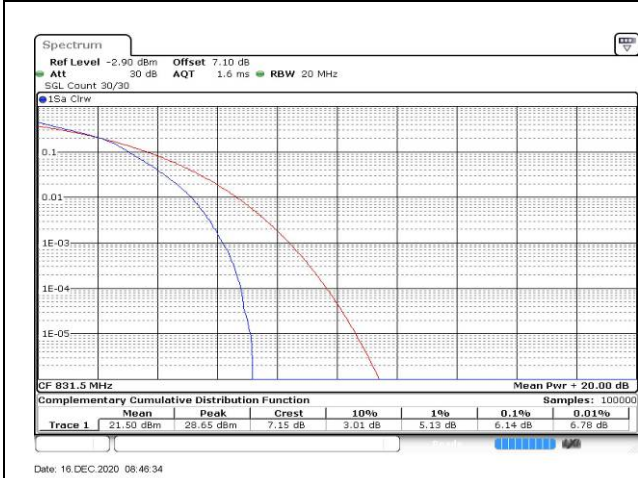


Fig.75

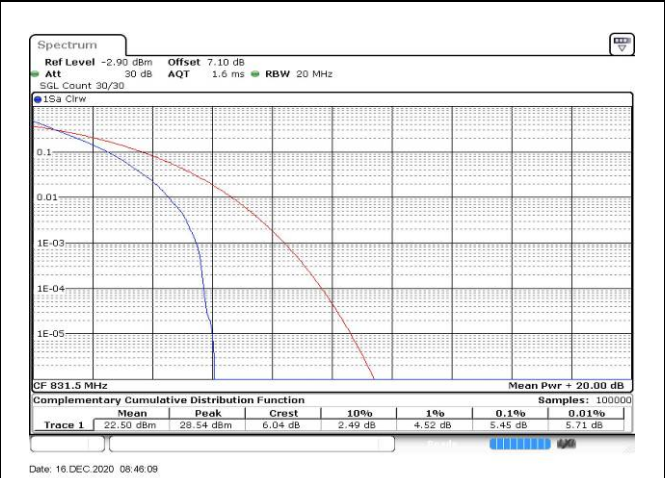


Fig.76

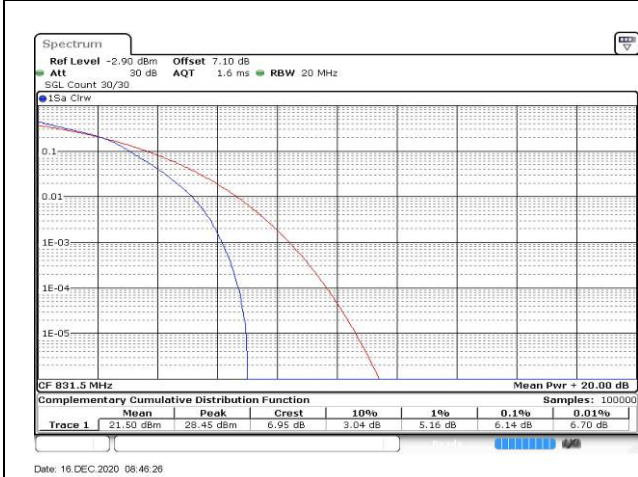


Fig.77

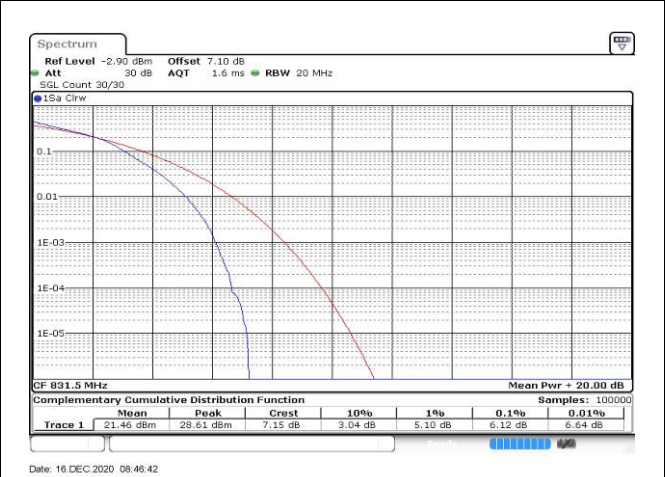


Fig.78



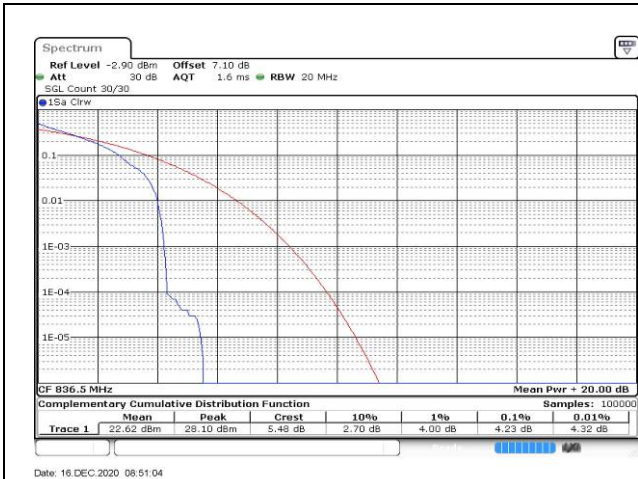


Fig.79

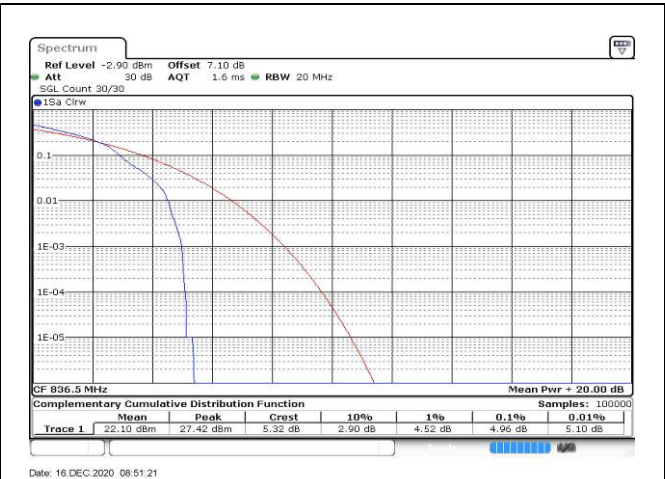


Fig.80

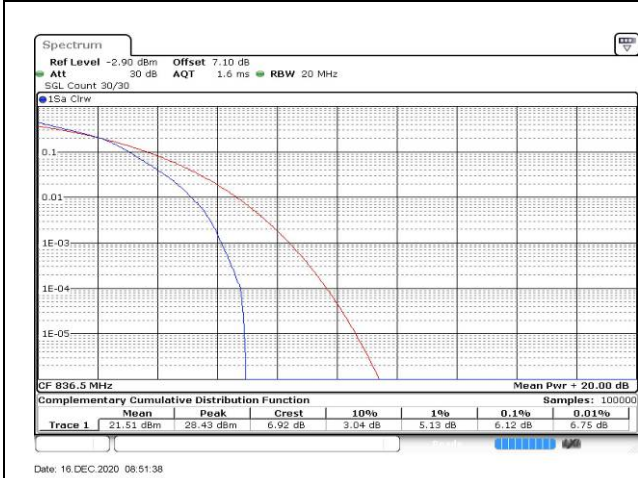


Fig.81

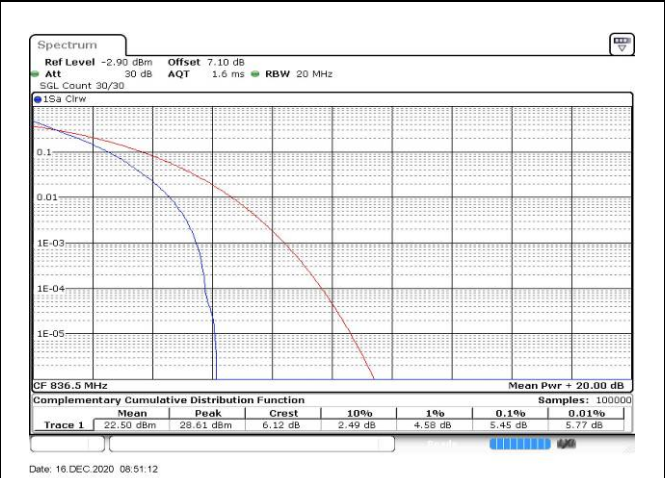


Fig.82

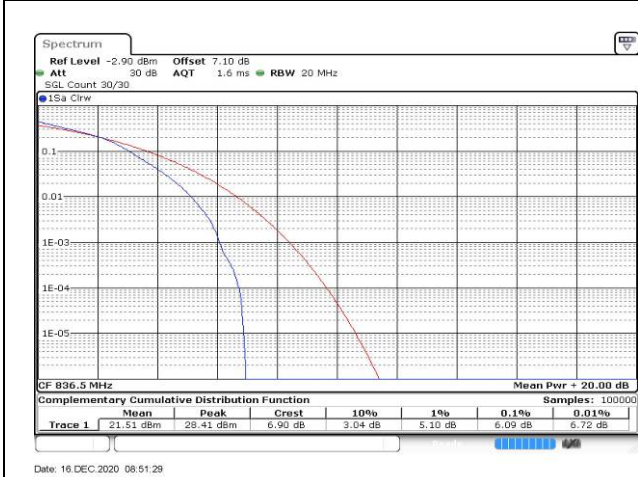


Fig.83

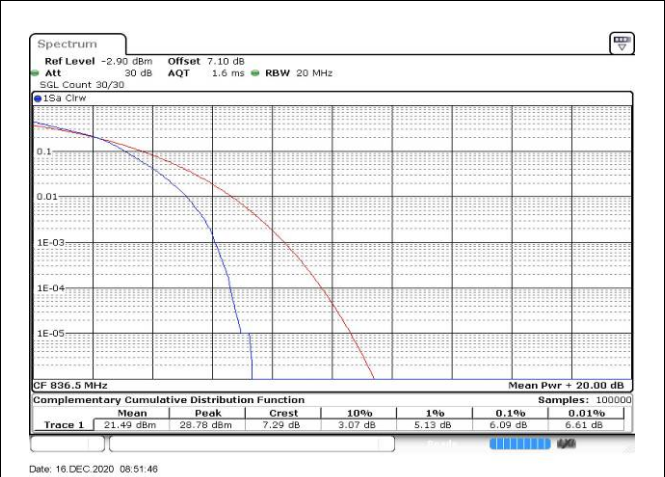


Fig.84

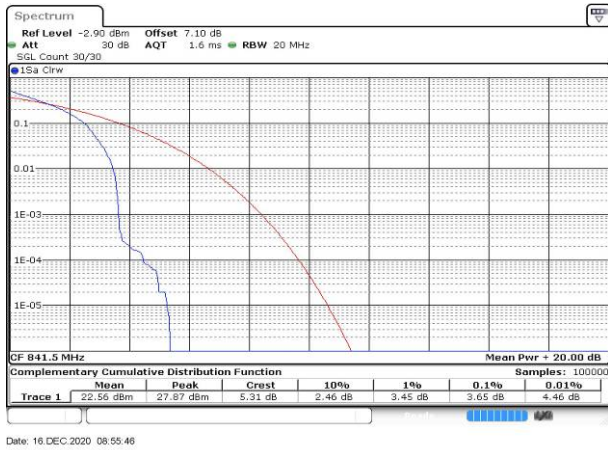


Fig.85

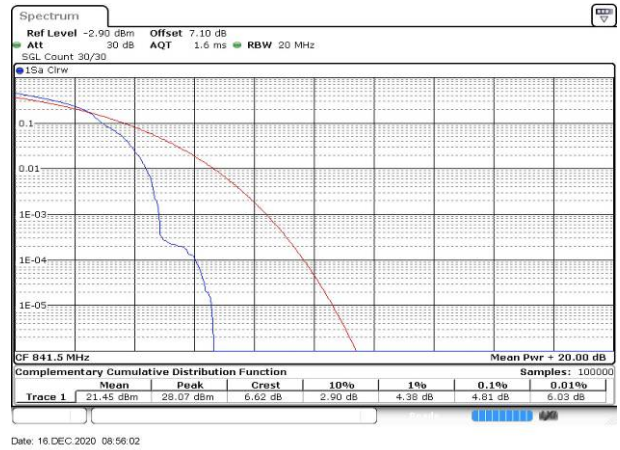


Fig.86

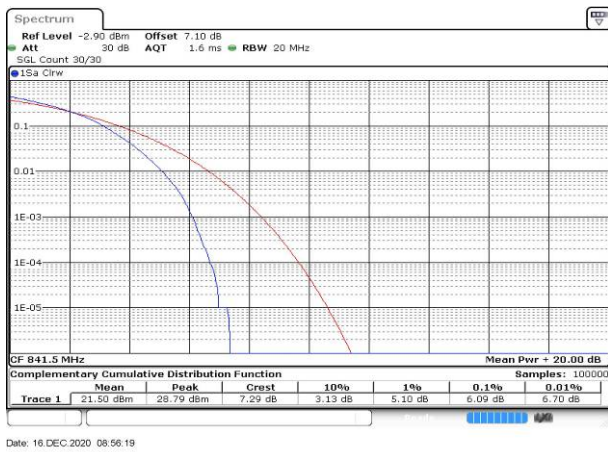


Fig.87

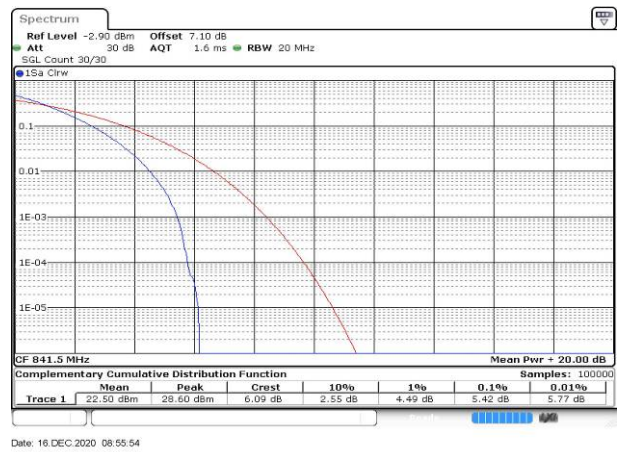


Fig.88

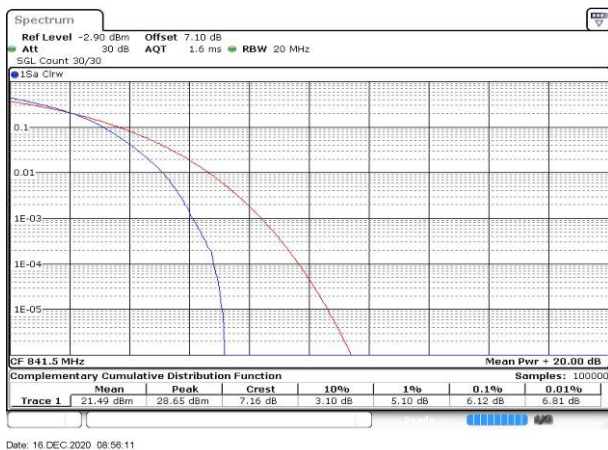


Fig.89

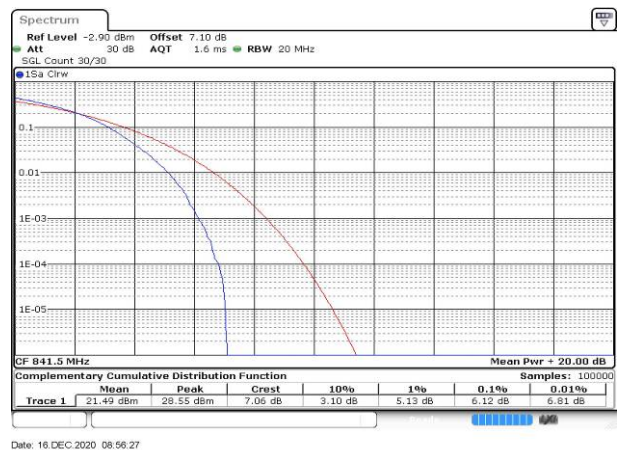


Fig.90

## 5 Spurious Emissions at antenna terminal

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
|      |                         |         |    |         |           | QPSK                    |
| 26   | 831.5                   | 26865   | 15 | 1       | 0         | Fig.1                   |
|      | 836.5                   | 26915   |    | 1       | 0         | Fig.2                   |
|      | 841.5                   | 26965   |    | 1       | 0         | Fig.3                   |

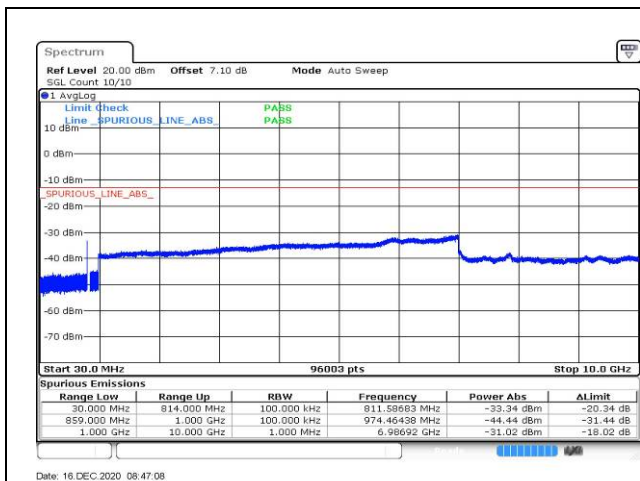


Fig.1

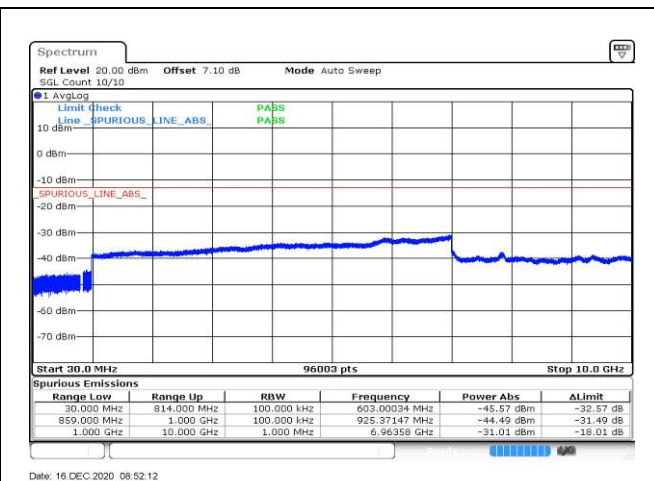


Fig.2

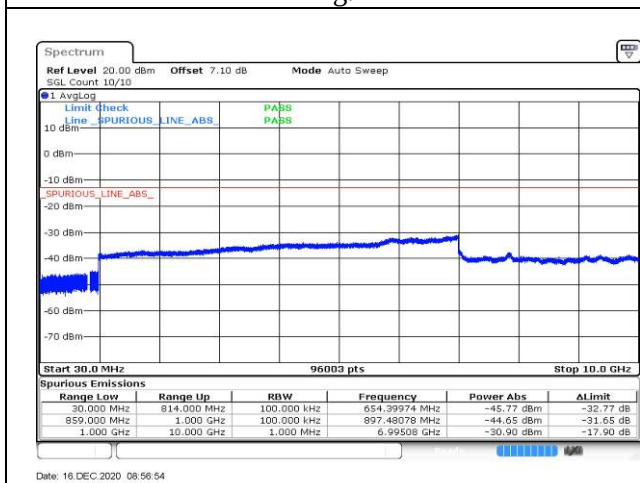


Fig.3

## 6 Band Edges Compliance

| Band Edges Compliance |                         |         |     |         |           |                 |
|-----------------------|-------------------------|---------|-----|---------|-----------|-----------------|
| Band                  | Carrier frequency (MHz) | Channel | BW  | RB Size | RB Offset | Band Edges Plot |
|                       |                         |         |     |         |           | QPSK            |
| 26                    | 824.7                   | 26797   | 1.4 | 1       | 0         | Fig.1           |
|                       |                         |         |     | 6       | 0         | Fig.2           |
|                       | 848.3                   | 27033   |     | 1       | 5         | Fig.3           |
|                       |                         |         |     | 6       | 0         | Fig.4           |
|                       | 825.5                   | 26805   | 3   | 1       | 0         | Fig.5           |
|                       |                         |         |     | 15      | 0         | Fig.6           |
|                       | 847.5                   | 27025   |     | 1       | 14        | Fig.7           |
|                       |                         |         |     | 15      | 0         | Fig.8           |
|                       | 826.5                   | 26815   | 5   | 1       | 0         | Fig.9           |
|                       |                         |         |     | 25      | 0         | Fig.10          |
|                       | 846.5                   | 27015   |     | 1       | 24        | Fig.11          |
|                       |                         |         |     | 25      | 0         | Fig.12          |
|                       | 829                     | 26840   | 10  | 1       | 0         | Fig.13          |
|                       |                         |         |     | 50      | 0         | Fig.14          |
|                       | 844                     | 26990   |     | 1       | 49        | Fig.15          |
|                       |                         |         |     | 50      | 0         | Fig.16          |
|                       | 831.5                   | 26865   | 15  | 1       | 0         | Fig.17          |
|                       |                         |         |     | 75      | 0         | Fig.18          |
|                       | 841.5                   | 26965   |     | 1       | 74        | Fig.19          |
|                       |                         |         |     | 75      | 0         | Fig.20          |

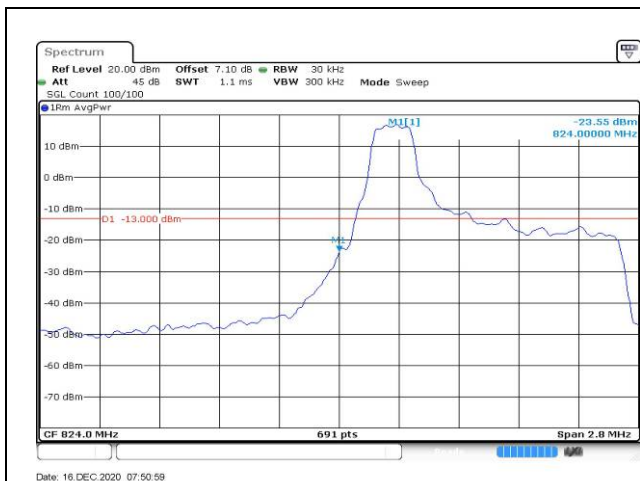


Fig.1

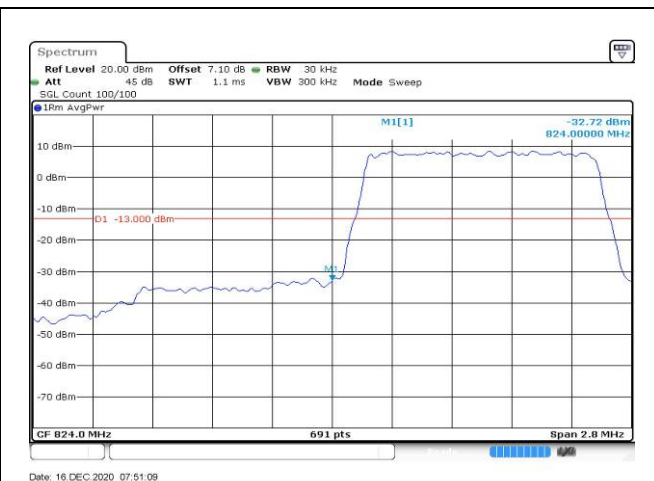


Fig.2

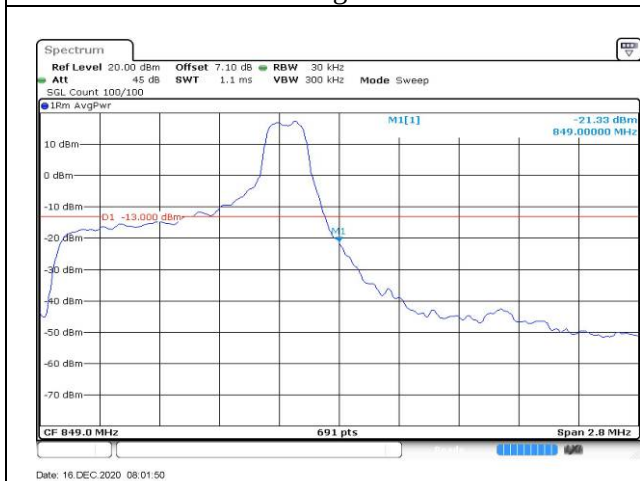


Fig.3

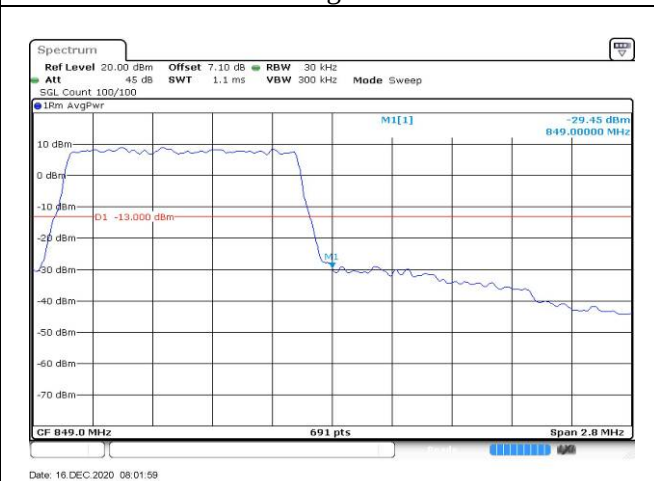


Fig.4

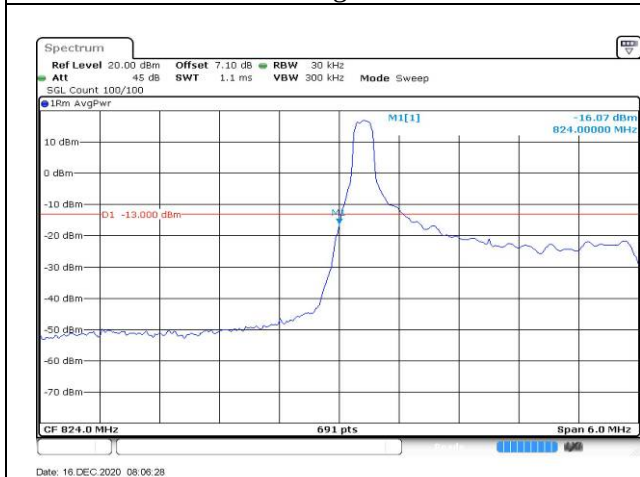


Fig.5

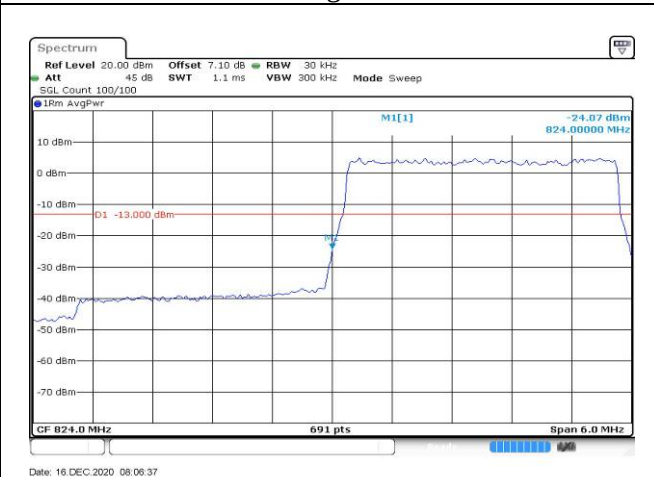
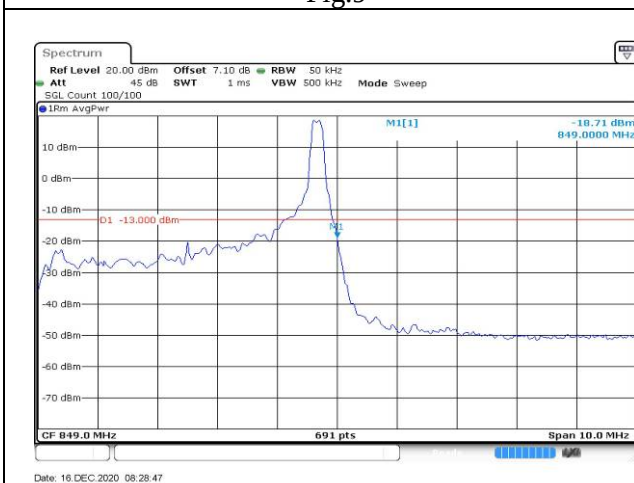
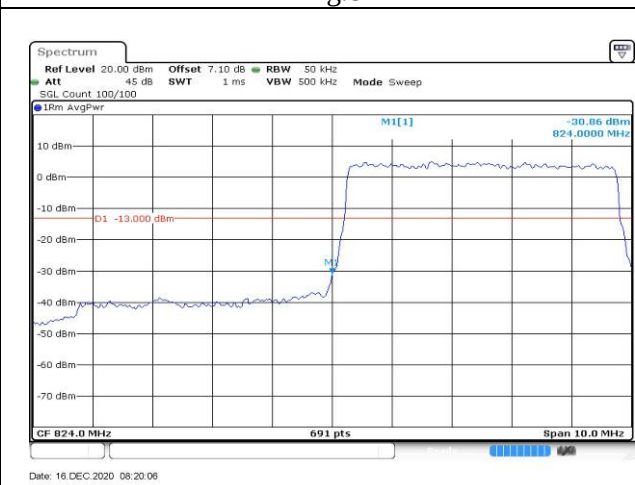
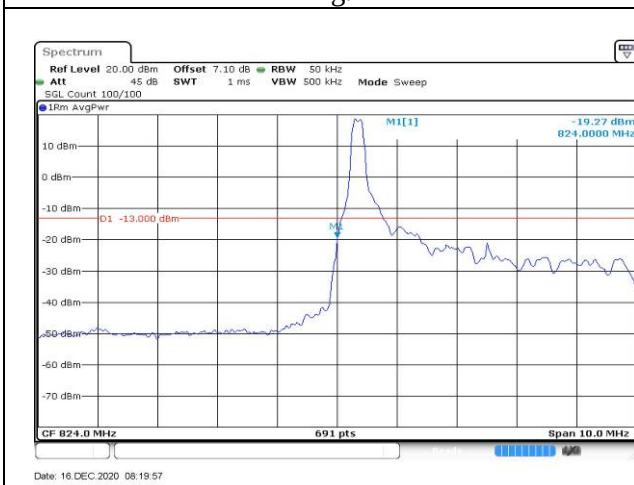
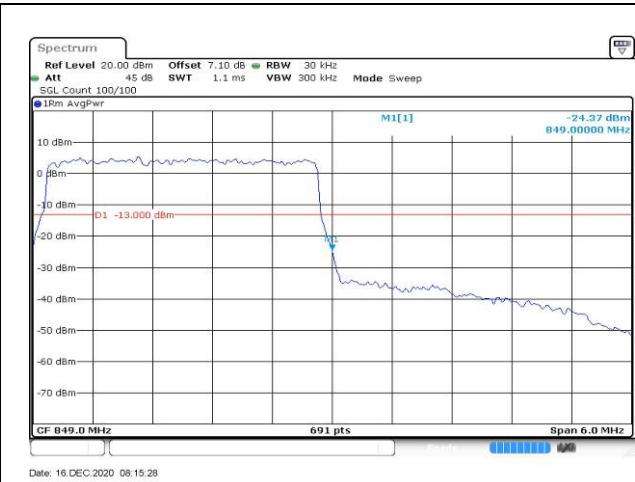
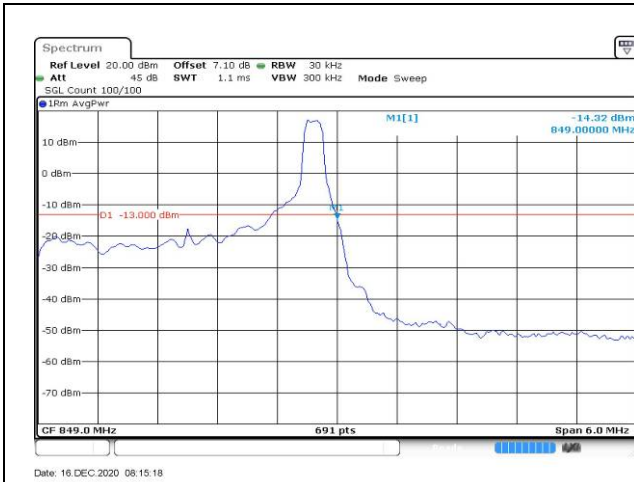


Fig.6





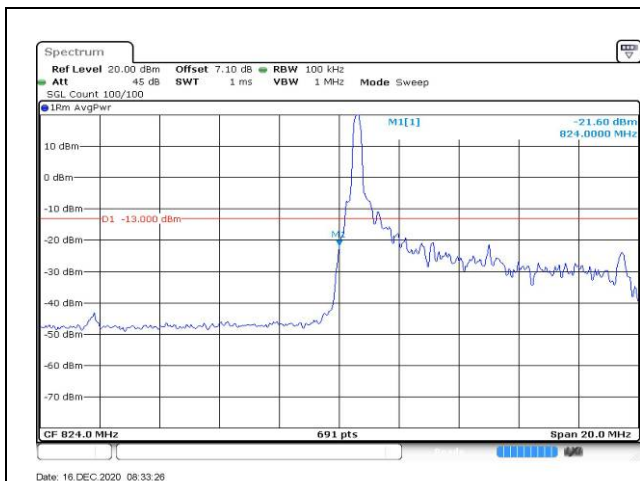


Fig.13

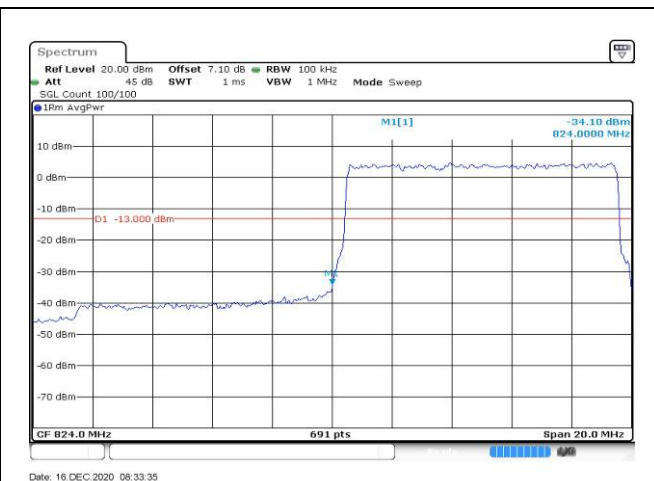


Fig.14

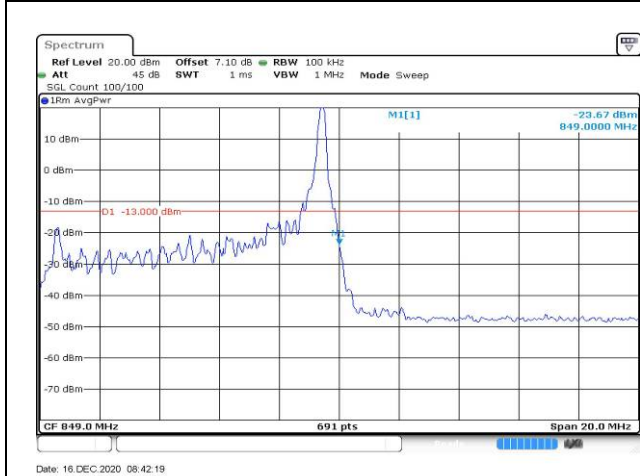


Fig.15

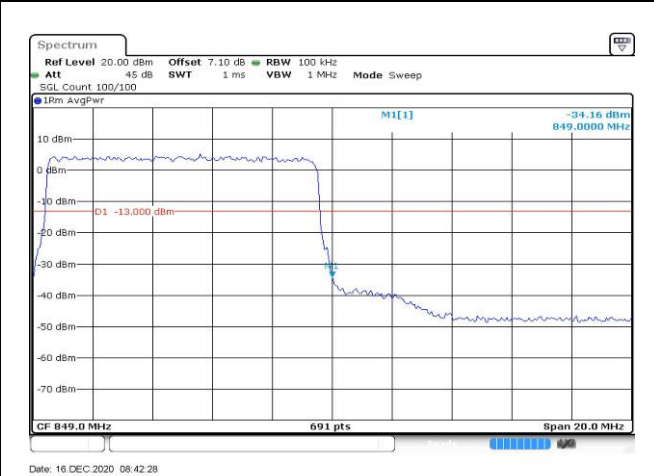


Fig.16

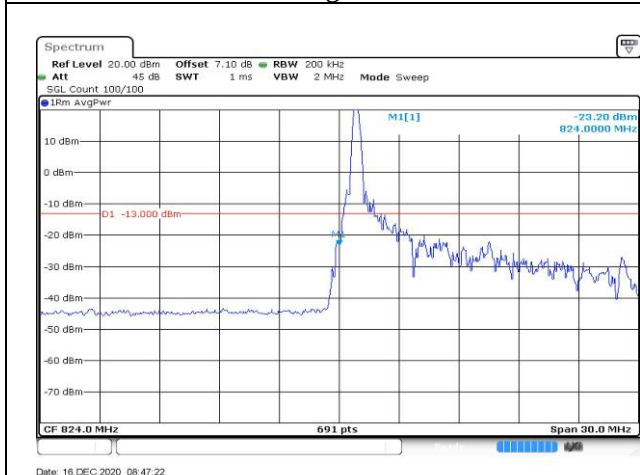


Fig.17

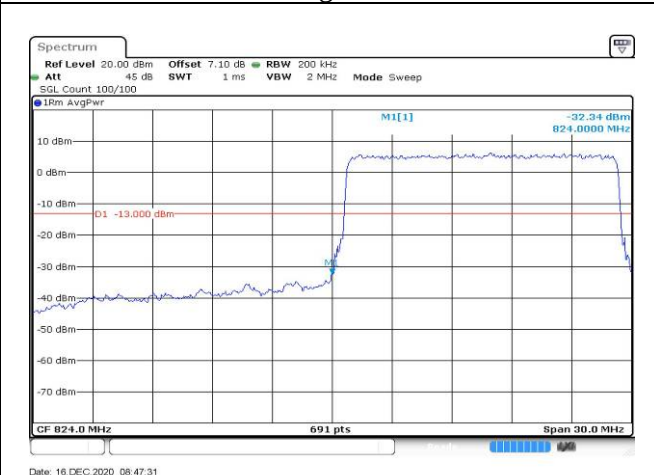


Fig.18

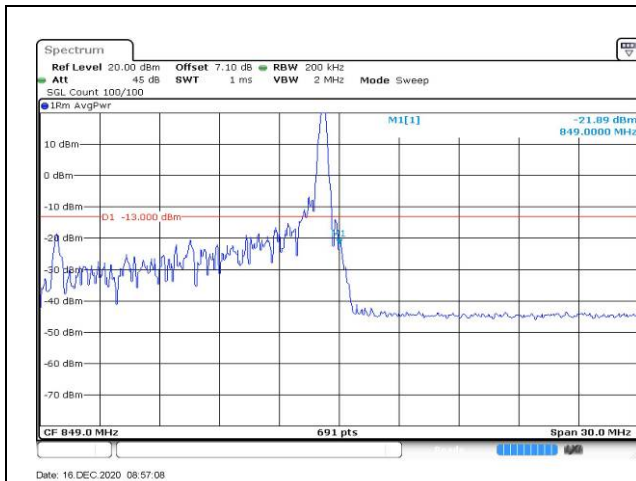


Fig.19

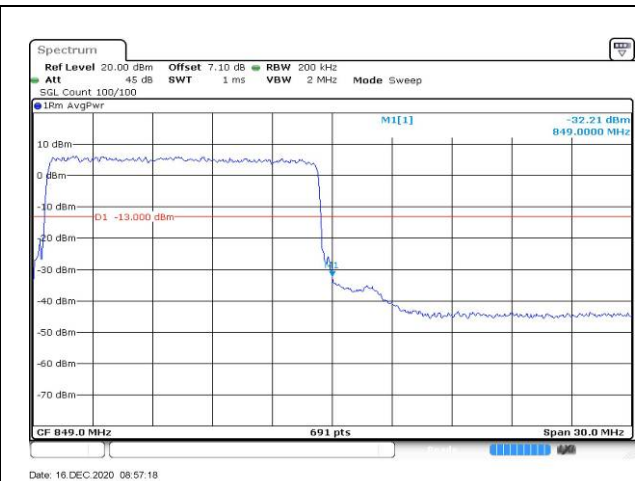


Fig.20

## 7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band26(824-849) Low Channel QPSK |        |        |        |        |
|-----------------|---------|----------------------------------------------------|--------|--------|--------|--------|
|                 |         | 1.4M                                               | 3M     | 5M     | 10M    | 15M    |
| -10             | NV      | -0.025                                             | 0.023  | -0.030 | 0.005  | 0.009  |
| 0               | NV      | -0.013                                             | 0.007  | -0.007 | -0.002 | -0.002 |
| +10             | NV      | -0.028                                             | 0.008  | 0.000  | 0.009  | 0.009  |
| +20             | NV      | 0.000                                              | 0.000  | 0.000  | 0.000  | 0.000  |
| +30             | NV      | -0.013                                             | 0.005  | -0.008 | -0.009 | 0.011  |
| +40             | NV      | -0.011                                             | 0.005  | -0.019 | 0.000  | 0.004  |
| +50             | NV      | -0.004                                             | 0.007  | 0.004  | -0.004 | 0.014  |
| +55             | NV      | -0.012                                             | -0.008 | -0.009 | 0.009  | 0.018  |
| +20             | LV      | -0.039                                             | 0.013  | -0.008 | 0.007  | 0.004  |
| +20             | HV      | -0.019                                             | 0.017  | -0.007 | 0.002  | 0.005  |

| Temperature(°C) | Voltage | Test Result (ppm) Band26(824-849) High Channel QPSK |        |        |        |        |
|-----------------|---------|-----------------------------------------------------|--------|--------|--------|--------|
|                 |         | 1.4M                                                | 3M     | 5M     | 10M    | 15M    |
| -10             | NV      | 0.025                                               | -0.049 | -0.061 | -0.050 | -0.051 |
| 0               | NV      | 0.035                                               | -0.006 | -0.040 | -0.045 | -0.050 |
| +10             | NV      | -0.009                                              | -0.039 | -0.013 | -0.052 | -0.042 |
| +20             | NV      | 0.000                                               | 0.000  | 0.000  | 0.000  | 0.000  |
| +30             | NV      | 0.037                                               | -0.042 | -0.012 | -0.052 | -0.050 |
| +40             | NV      | 0.021                                               | -0.037 | -0.004 | -0.040 | -0.045 |
| +50             | NV      | 0.023                                               | -0.041 | -0.003 | -0.041 | -0.038 |
| +55             | NV      | -0.011                                              | -0.024 | -0.009 | -0.029 | -0.033 |
| +20             | LV      | -0.029                                              | -0.057 | -0.012 | -0.047 | -0.047 |
| +20             | HV      | -0.008                                              | -0.046 | -0.007 | 0.001  | -0.001 |



## 8 Effective Radiated Power and Effective Isotropic Radiated Power

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |       |
|------------|-------------------------|------------|-----|---------|-----------|------------------------|-----------------|---------------|-------|
| QPSK       | 824.7                   | 26797      | 1.4 | 1       | 0         | 24.04                  | 19.39           | 0.087         |       |
|            |                         |            |     | 1       | 3         | 24.00                  | 19.35           | 0.086         |       |
|            |                         |            |     | 1       | 5         | 24.13                  | 19.48           | 0.089         |       |
|            |                         |            |     | 3       | 0         | 24.14                  | 19.49           | 0.089         |       |
|            |                         |            |     | 3       | 1         | 24.14                  | 19.49           | 0.089         |       |
|            |                         |            |     | 3       | 3         | 24.16                  | 19.51           | 0.089         |       |
|            |                         |            |     | 6       | 0         | 23.01                  | 18.36           | 0.069         |       |
|            | 836.5                   | 26915      |     | 1       | 0         | 24.19                  | 19.54           | 0.090         |       |
|            |                         |            |     | 1       | 3         | 24.15                  | 19.50           | 0.089         |       |
|            |                         |            |     | 1       | 5         | 24.12                  | 19.47           | 0.089         |       |
|            |                         |            |     | 3       | 0         | 24.13                  | 19.48           | 0.089         |       |
|            |                         |            |     | 3       | 1         | 24.10                  | 19.45           | 0.088         |       |
|            |                         |            |     | 3       | 3         | 24.18                  | 19.53           | 0.090         |       |
|            |                         |            |     | 6       | 0         | 23.16                  | 18.51           | 0.071         |       |
|            | 848.3                   | 27033      |     | 1       | 0         | 24.11                  | 19.46           | 0.088         |       |
|            |                         |            |     | 1       | 3         | 24.12                  | 19.47           | 0.089         |       |
|            |                         |            |     | 1       | 5         | 24.10                  | 19.45           | 0.088         |       |
|            |                         |            |     | 3       | 0         | 24.09                  | 19.44           | 0.088         |       |
|            |                         |            |     | 3       | 1         | 24.10                  | 19.45           | 0.088         |       |
|            |                         |            |     | 3       | 3         | 24.11                  | 19.46           | 0.088         |       |
|            |                         |            |     | 6       | 0         | 23.07                  | 17.42           | 0.055         |       |
|            | 16QAM                   | 824.7      |     | 26797   | 1         | 0                      | 23.63           | 18.98         | 0.079 |
|            |                         |            |     |         | 1         | 3                      | 23.68           | 19.03         | 0.080 |
|            |                         |            |     |         | 1         | 5                      | 23.57           | 18.92         | 0.078 |
| 3          |                         |            |     |         | 0         | 23.15                  | 18.50           | 0.071         |       |
| 3          |                         |            |     |         | 1         | 23.18                  | 18.53           | 0.071         |       |
| 3          |                         |            |     |         | 3         | 23.18                  | 18.53           | 0.071         |       |
| 6          |                         |            |     |         | 0         | 22.34                  | 17.69           | 0.059         |       |
| 836.5      |                         | 26915      | 1   | 0       | 23.61     | 18.96                  | 0.079           |               |       |
|            |                         |            | 1   | 3       | 23.72     | 19.07                  | 0.081           |               |       |
|            |                         |            | 1   | 5       | 23.71     | 19.06                  | 0.081           |               |       |
|            |                         |            | 3   | 0       | 23.11     | 18.46                  | 0.070           |               |       |
|            |                         |            | 3   | 1       | 23.05     | 18.40                  | 0.069           |               |       |
|            |                         |            | 3   | 3       | 23.10     | 18.45                  | 0.070           |               |       |
|            |                         |            | 6   | 0       | 22.16     | 17.51                  | 0.056           |               |       |
| 848.3      |                         | 27033      | 1   | 0       | 23.97     | 19.32                  | 0.086           |               |       |
|            |                         |            | 1   | 3       | 24.06     | 19.41                  | 0.087           |               |       |
|            |                         |            | 1   | 5       | 24.01     | 19.36                  | 0.086           |               |       |
|            |                         |            | 3   | 0       | 23.02     | 18.37                  | 0.069           |               |       |
|            |                         |            | 3   | 1       | 23.09     | 18.44                  | 0.070           |               |       |
|            |                         |            | 3   | 3       | 23.07     | 18.42                  | 0.070           |               |       |
|            |                         |            | 6   | 0       | 22.44     | 17.79                  | 0.060           |               |       |

| Modulation | Carrier frequen<br>cy<br>(MHz) | UL<br>Channel | BW  | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|--------------------------------|---------------|-----|---------|--------------|---------------------------------|-----------------------|---------------------|
| 64QAM      | 824.7                          | 26797         | 1.4 | 1       | 0            | 22.34                           | 17.69                 | 0.059               |
|            |                                |               |     | 1       | 3            | 22.34                           | 17.69                 | 0.059               |
|            |                                |               |     | 1       | 5            | 22.36                           | 17.71                 | 0.059               |
|            |                                |               |     | 3       | 0            | 22.31                           | 17.66                 | 0.058               |
|            |                                |               |     | 3       | 1            | 22.31                           | 17.66                 | 0.058               |
|            |                                |               |     | 3       | 3            | 22.34                           | 17.69                 | 0.059               |
|            |                                |               |     | 6       | 0            | 22.30                           | 17.65                 | 0.058               |
|            | 836.5                          | 26915         |     | 1       | 0            | 22.16                           | 17.51                 | 0.056               |
|            |                                |               |     | 1       | 3            | 22.16                           | 17.51                 | 0.056               |
|            |                                |               |     | 1       | 5            | 22.16                           | 17.51                 | 0.056               |
|            |                                |               |     | 3       | 0            | 22.15                           | 17.50                 | 0.056               |
|            |                                |               |     | 3       | 1            | 22.16                           | 17.51                 | 0.056               |
|            |                                |               |     | 3       | 3            | 22.15                           | 17.50                 | 0.056               |
|            |                                |               |     | 6       | 0            | 22.15                           | 17.50                 | 0.056               |
|            | 848.3                          | 27033         |     | 1       | 0            | 22.44                           | 17.79                 | 0.060               |
|            |                                |               |     | 1       | 3            | 22.44                           | 17.79                 | 0.060               |
|            |                                |               |     | 1       | 5            | 22.43                           | 17.78                 | 0.060               |
|            |                                |               |     | 3       | 0            | 22.42                           | 17.77                 | 0.060               |
|            |                                |               |     | 3       | 1            | 22.42                           | 17.77                 | 0.060               |
|            |                                |               |     | 3       | 3            | 22.41                           | 17.76                 | 0.060               |
|            |                                |               |     | 6       | 0            | 22.41                           | 17.76                 | 0.060               |

| Modulation | Carrier frequern<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|---------------------------------|---------------|----|---------|--------------|---------------------------------|-----------------------|---------------------|
| QPSK       | 825.5                           | 26805         | 3  | 1       | 0            | 24.00                           | 19.35                 | 0.086               |
|            |                                 |               |    | 1       | 8            | 23.99                           | 19.34                 | 0.086               |
|            |                                 |               |    | 1       | 14           | 23.98                           | 19.33                 | 0.086               |
|            |                                 |               |    | 8       | 0            | 23.10                           | 18.45                 | 0.070               |
|            |                                 |               |    | 8       | 4            | 23.12                           | 18.47                 | 0.070               |
|            |                                 |               |    | 8       | 7            | 23.11                           | 18.46                 | 0.070               |
|            |                                 |               |    | 15      | 0            | 23.11                           | 18.46                 | 0.070               |
|            | 836.5                           | 26915         |    | 1       | 0            | 24.24                           | 19.59                 | 0.091               |
|            |                                 |               |    | 1       | 8            | 24.19                           | 19.54                 | 0.090               |
|            |                                 |               |    | 1       | 14           | 24.18                           | 19.53                 | 0.090               |
|            |                                 |               |    | 8       | 0            | 23.19                           | 18.54                 | 0.071               |
|            |                                 |               |    | 8       | 4            | 23.09                           | 18.44                 | 0.070               |
|            |                                 |               |    | 8       | 7            | 23.07                           | 18.42                 | 0.070               |
|            |                                 |               |    | 15      | 0            | 23.17                           | 18.52                 | 0.071               |
|            | 847.5                           | 27025         |    | 1       | 0            | 24.35                           | 19.70                 | 0.093               |
|            |                                 |               |    | 1       | 8            | 24.43                           | 19.78                 | 0.095               |
|            |                                 |               |    | 1       | 14           | 24.45                           | 19.80                 | 0.095               |
|            |                                 |               |    | 8       | 0            | 23.37                           | 18.72                 | 0.074               |
|            |                                 |               |    | 8       | 4            | 23.25                           | 18.60                 | 0.072               |
|            |                                 |               |    | 8       | 7            | 23.25                           | 18.60                 | 0.072               |
|            |                                 |               |    | 15      | 0            | 23.24                           | 18.59                 | 0.072               |
| 16QAM      | 825.5                           | 26805         | 1  | 0       | 23.10        | 18.45                           | 0.070                 |                     |
|            |                                 |               | 1  | 8       | 23.11        | 18.46                           | 0.070                 |                     |
|            |                                 |               | 1  | 14      | 23.11        | 18.46                           | 0.070                 |                     |
|            |                                 |               | 8  | 0       | 22.38        | 17.73                           | 0.059                 |                     |
|            |                                 |               | 8  | 4       | 22.29        | 17.64                           | 0.058                 |                     |
|            |                                 |               | 8  | 7       | 22.52        | 17.87                           | 0.061                 |                     |
|            |                                 |               | 15 | 0       | 22.17        | 17.52                           | 0.056                 |                     |
|            | 836.5                           | 26915         | 1  | 0       | 23.42        | 18.77                           | 0.075                 |                     |
|            |                                 |               | 1  | 8       | 23.35        | 18.70                           | 0.074                 |                     |
|            |                                 |               | 1  | 14      | 23.29        | 18.64                           | 0.073                 |                     |
|            |                                 |               | 8  | 0       | 22.27        | 17.62                           | 0.058                 |                     |
|            |                                 |               | 8  | 4       | 22.19        | 17.54                           | 0.057                 |                     |
|            |                                 |               | 8  | 7       | 22.24        | 17.59                           | 0.057                 |                     |
|            |                                 |               | 15 | 0       | 22.24        | 17.59                           | 0.057                 |                     |
|            | 847.5                           | 27025         | 1  | 0       | 22.95        | 18.30                           | 0.068                 |                     |
|            |                                 |               | 1  | 8       | 22.87        | 18.22                           | 0.066                 |                     |
|            |                                 |               | 1  | 14      | 22.98        | 18.33                           | 0.068                 |                     |
|            |                                 |               | 8  | 0       | 22.41        | 17.76                           | 0.060                 |                     |
|            |                                 |               | 8  | 4       | 22.43        | 17.78                           | 0.060                 |                     |
|            |                                 |               | 8  | 7       | 22.39        | 17.74                           | 0.059                 |                     |
|            |                                 |               | 15 | 0       | 22.32        | 17.67                           | 0.058                 |                     |

| Modulation | Carrier frequern cy (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|---------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 825.5                     | 26805      | 3  | 1       | 0         | 22.17                  | 17.52           | 0.056         |
|            |                           |            |    | 1       | 8         | 22.22                  | 17.57           | 0.057         |
|            |                           |            |    | 1       | 14        | 22.17                  | 17.52           | 0.056         |
|            |                           |            |    | 8       | 0         | 22.17                  | 17.52           | 0.056         |
|            |                           |            |    | 8       | 4         | 22.17                  | 17.52           | 0.056         |
|            |                           |            |    | 8       | 7         | 22.17                  | 17.52           | 0.056         |
|            |                           |            |    | 15      | 0         | 22.17                  | 17.52           | 0.056         |
|            | 836.5                     | 26915      |    | 1       | 0         | 22.31                  | 17.66           | 0.058         |
|            |                           |            |    | 1       | 8         | 22.19                  | 17.54           | 0.057         |
|            |                           |            |    | 1       | 14        | 22.28                  | 17.63           | 0.058         |
|            |                           |            |    | 8       | 0         | 22.28                  | 17.63           | 0.058         |
|            |                           |            |    | 8       | 4         | 22.20                  | 17.55           | 0.057         |
|            |                           |            |    | 8       | 7         | 22.24                  | 17.59           | 0.057         |
|            |                           |            |    | 15      | 0         | 22.24                  | 17.59           | 0.057         |
|            | 847.5                     | 27025      |    | 1       | 0         | 22.22                  | 17.57           | 0.057         |
|            |                           |            |    | 1       | 8         | 22.25                  | 17.60           | 0.058         |
|            |                           |            |    | 1       | 14        | 22.18                  | 17.53           | 0.057         |
|            |                           |            |    | 8       | 0         | 22.33                  | 17.68           | 0.059         |
|            |                           |            |    | 8       | 4         | 22.19                  | 17.54           | 0.057         |
|            |                           |            |    | 8       | 7         | 22.26                  | 17.61           | 0.058         |
|            |                           |            |    | 15      | 0         | 22.18                  | 17.53           | 0.057         |

| Modulation | Carrier frequern<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|---------------------------------|---------------|----|---------|--------------|---------------------------------|-----------------------|---------------------|
| QPSK       | 826.5                           | 26815         | 5  | 1       | 0            | 24.11                           | 19.46                 | 0.088               |
|            |                                 |               |    | 1       | 12           | 24.10                           | 19.45                 | 0.088               |
|            |                                 |               |    | 1       | 24           | 24.09                           | 19.44                 | 0.088               |
|            |                                 |               |    | 12      | 0            | 23.04                           | 18.39                 | 0.069               |
|            |                                 |               |    | 12      | 7            | 23.12                           | 18.47                 | 0.070               |
|            |                                 |               |    | 12      | 13           | 23.17                           | 18.52                 | 0.071               |
|            |                                 |               |    | 25      | 0            | 23.09                           | 18.44                 | 0.070               |
|            | 836.5                           | 26915         |    | 1       | 0            | 24.27                           | 19.62                 | 0.092               |
|            |                                 |               |    | 1       | 12           | 24.19                           | 19.54                 | 0.090               |
|            |                                 |               |    | 1       | 24           | 24.24                           | 19.59                 | 0.091               |
|            |                                 |               |    | 12      | 0            | 23.22                           | 18.57                 | 0.072               |
|            |                                 |               |    | 12      | 7            | 23.24                           | 18.59                 | 0.072               |
|            |                                 |               |    | 12      | 13           | 23.24                           | 18.59                 | 0.072               |
|            |                                 |               |    | 25      | 0            | 23.11                           | 18.46                 | 0.070               |
|            | 846.5                           | 27015         |    | 1       | 0            | 24.17                           | 19.52                 | 0.090               |
|            |                                 |               |    | 1       | 12           | 24.17                           | 19.52                 | 0.090               |
|            |                                 |               |    | 1       | 24           | 24.15                           | 19.50                 | 0.089               |
|            |                                 |               |    | 12      | 0            | 23.39                           | 18.74                 | 0.075               |
|            |                                 |               |    | 12      | 7            | 23.37                           | 18.72                 | 0.074               |
|            |                                 |               |    | 12      | 13           | 23.37                           | 18.72                 | 0.074               |
|            |                                 |               |    | 25      | 0            | 23.29                           | 18.64                 | 0.073               |
| 16QAM      | 826.5                           | 26815         | 1  | 0       | 22.26        | 17.61                           | 0.058                 |                     |
|            |                                 |               | 1  | 12      | 22.28        | 17.63                           | 0.058                 |                     |
|            |                                 |               | 1  | 24      | 22.35        | 17.70                           | 0.059                 |                     |
|            |                                 |               | 12 | 0       | 22.17        | 17.52                           | 0.056                 |                     |
|            |                                 |               | 12 | 7       | 22.14        | 17.49                           | 0.056                 |                     |
|            |                                 |               | 12 | 13      | 22.22        | 17.57                           | 0.057                 |                     |
|            |                                 |               | 25 | 0       | 22.35        | 17.70                           | 0.059                 |                     |
|            | 836.5                           | 26915         | 1  | 0       | 23.19        | 18.54                           | 0.071                 |                     |
|            |                                 |               | 1  | 12      | 23.32        | 18.67                           | 0.074                 |                     |
|            |                                 |               | 1  | 24      | 23.32        | 18.67                           | 0.074                 |                     |
|            |                                 |               | 12 | 0       | 22.10        | 17.45                           | 0.056                 |                     |
|            |                                 |               | 12 | 7       | 22.10        | 17.45                           | 0.056                 |                     |
|            |                                 |               | 12 | 13      | 22.10        | 17.45                           | 0.056                 |                     |
|            |                                 |               | 25 | 0       | 22.15        | 17.50                           | 0.056                 |                     |
|            | 846.5                           | 27015         | 1  | 0       | 22.90        | 18.25                           | 0.067                 |                     |
|            |                                 |               | 1  | 12      | 22.85        | 18.20                           | 0.066                 |                     |
|            |                                 |               | 1  | 24      | 22.84        | 18.19                           | 0.066                 |                     |
|            |                                 |               | 12 | 0       | 22.08        | 17.43                           | 0.055                 |                     |
|            |                                 |               | 12 | 7       | 22.03        | 17.38                           | 0.055                 |                     |
|            |                                 |               | 12 | 13      | 22.19        | 17.54                           | 0.057                 |                     |
|            |                                 |               | 25 | 0       | 22.12        | 17.47                           | 0.056                 |                     |



| Modulation | Carrier frequern cy (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|---------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 826.5                     | 26815      | 5  | 1       | 0         | 22.35                  | 17.70           | 0.059         |
|            |                           |            |    | 1       | 12        | 22.34                  | 17.69           | 0.059         |
|            |                           |            |    | 1       | 24        | 22.23                  | 17.58           | 0.057         |
|            |                           |            |    | 12      | 0         | 22.35                  | 17.70           | 0.059         |
|            |                           |            |    | 12      | 7         | 22.23                  | 17.58           | 0.057         |
|            |                           |            |    | 12      | 13        | 22.35                  | 17.70           | 0.059         |
|            |                           |            |    | 25      | 0         | 22.23                  | 17.58           | 0.057         |
|            | 836.5                     | 26915      |    | 1       | 0         | 22.15                  | 17.50           | 0.056         |
|            |                           |            |    | 1       | 12        | 22.16                  | 17.51           | 0.056         |
|            |                           |            |    | 1       | 24        | 22.16                  | 17.51           | 0.056         |
|            |                           |            |    | 12      | 0         | 22.16                  | 17.51           | 0.056         |
|            |                           |            |    | 12      | 7         | 22.16                  | 17.51           | 0.056         |
|            |                           |            |    | 12      | 13        | 22.16                  | 17.51           | 0.056         |
|            |                           |            |    | 25      | 0         | 22.15                  | 17.50           | 0.056         |
|            | 846.5                     | 27015      |    | 1       | 0         | 22.12                  | 17.47           | 0.056         |
|            |                           |            |    | 1       | 12        | 22.13                  | 17.48           | 0.056         |
|            |                           |            |    | 1       | 24        | 22.13                  | 17.48           | 0.056         |
|            |                           |            |    | 12      | 0         | 22.13                  | 17.48           | 0.056         |
|            |                           |            |    | 12      | 7         | 22.35                  | 17.70           | 0.059         |
|            |                           |            |    | 12      | 13        | 22.35                  | 17.70           | 0.059         |
|            |                           |            |    | 25      | 0         | 22.35                  | 17.70           | 0.059         |

| Modulation | Carrier frequern<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |       |
|------------|---------------------------------|---------------|----|---------|--------------|---------------------------------|-----------------------|---------------------|-------|
| QPSK       | 829                             | 26840         | 10 | 1       | 0            | 23.99                           | 19.34                 | 0.086               |       |
|            |                                 |               |    | 1       | 25           | 24.14                           | 19.49                 | 0.089               |       |
|            |                                 |               |    | 1       | 49           | 24.14                           | 19.49                 | 0.089               |       |
|            |                                 |               |    | 25      | 0            | 22.99                           | 18.34                 | 0.068               |       |
|            |                                 |               |    | 25      | 12           | 23.12                           | 18.47                 | 0.070               |       |
|            |                                 |               |    | 25      | 25           | 23.07                           | 18.42                 | 0.070               |       |
|            |                                 |               |    | 50      | 0            | 23.12                           | 18.47                 | 0.070               |       |
|            | 836.5                           | 26915         |    | 1       | 0            | 24.17                           | 19.52                 | 0.090               |       |
|            |                                 |               |    | 1       | 25           | 24.37                           | 19.72                 | 0.094               |       |
|            |                                 |               |    | 1       | 49           | 24.51                           | 19.86                 | 0.097               |       |
|            |                                 |               |    | 25      | 0            | 23.11                           | 18.46                 | 0.070               |       |
|            |                                 |               |    | 25      | 12           | 23.15                           | 18.50                 | 0.071               |       |
|            |                                 |               |    | 25      | 25           | 23.15                           | 18.50                 | 0.071               |       |
|            |                                 |               |    | 50      | 0            | 23.13                           | 18.48                 | 0.070               |       |
|            | 844                             | 26990         |    | 1       | 0            | 24.06                           | 19.41                 | 0.087               |       |
|            |                                 |               |    | 1       | 25           | 24.29                           | 19.64                 | 0.092               |       |
|            |                                 |               |    | 1       | 49           | 24.26                           | 19.61                 | 0.091               |       |
|            |                                 |               |    | 25      | 0            | 23.20                           | 18.55                 | 0.072               |       |
|            |                                 |               |    | 25      | 12           | 23.28                           | 18.63                 | 0.073               |       |
|            |                                 |               |    | 25      | 25           | 23.28                           | 18.63                 | 0.073               |       |
|            |                                 |               |    | 50      | 0            | 23.22                           | 18.57                 | 0.072               |       |
|            | 16QAM                           | 829           |    | 26840   | 1            | 0                               | 23.54                 | 18.89               | 0.077 |
|            |                                 |               |    |         | 1            | 25                              | 23.45                 | 18.80               | 0.076 |
|            |                                 |               |    |         | 1            | 49                              | 23.46                 | 18.81               | 0.076 |
| 25         |                                 |               |    |         | 0            | 22.23                           | 17.58                 | 0.057               |       |
| 25         |                                 |               |    |         | 12           | 22.25                           | 17.60                 | 0.058               |       |
| 25         |                                 |               |    |         | 25           | 21.98                           | 17.33                 | 0.054               |       |
| 50         |                                 |               |    |         | 0            | 22.14                           | 17.49                 | 0.056               |       |
| 836.5      |                                 | 26915         |    | 1       | 0            | 23.82                           | 19.17                 | 0.083               |       |
|            |                                 |               |    | 1       | 25           | 24.03                           | 19.38                 | 0.087               |       |
|            |                                 |               |    | 1       | 49           | 23.88                           | 19.23                 | 0.084               |       |
|            |                                 |               |    | 25      | 0            | 22.13                           | 17.48                 | 0.056               |       |
|            |                                 |               |    | 25      | 12           | 22.29                           | 17.64                 | 0.058               |       |
|            |                                 |               |    | 25      | 25           | 22.28                           | 17.63                 | 0.058               |       |
|            |                                 |               |    | 50      | 0            | 22.27                           | 17.62                 | 0.058               |       |
| 844        |                                 | 26990         |    | 1       | 0            | 22.80                           | 18.15                 | 0.065               |       |
|            |                                 |               |    | 1       | 25           | 22.72                           | 18.07                 | 0.064               |       |
|            |                                 |               |    | 1       | 49           | 22.82                           | 18.17                 | 0.066               |       |
|            |                                 |               |    | 25      | 0            | 22.38                           | 17.73                 | 0.059               |       |
|            |                                 |               |    | 25      | 12           | 22.32                           | 17.67                 | 0.058               |       |
|            |                                 |               |    | 25      | 25           | 22.47                           | 17.82                 | 0.061               |       |
|            |                                 |               |    | 50      | 0            | 22.19                           | 17.54                 | 0.057               |       |

| Modulation | Carrier frequern cy (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|---------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 829                       | 26840      | 10 | 1       | 0         | 22.14                  | 17.49           | 0.056         |
|            |                           |            |    | 1       | 25        | 22.14                  | 17.49           | 0.056         |
|            |                           |            |    | 1       | 49        | 22.14                  | 17.49           | 0.056         |
|            |                           |            |    | 25      | 0         | 22.14                  | 17.49           | 0.056         |
|            |                           |            |    | 25      | 12        | 22.14                  | 17.49           | 0.056         |
|            |                           |            |    | 25      | 25        | 22.14                  | 17.49           | 0.056         |
|            |                           |            |    | 50      | 0         | 22.14                  | 17.49           | 0.056         |
|            | 836.5                     | 26915      |    | 1       | 0         | 22.16                  | 17.51           | 0.056         |
|            |                           |            |    | 1       | 25        | 22.27                  | 17.62           | 0.058         |
|            |                           |            |    | 1       | 49        | 22.16                  | 17.51           | 0.056         |
|            |                           |            |    | 25      | 0         | 22.27                  | 17.62           | 0.058         |
|            |                           |            |    | 25      | 12        | 22.28                  | 17.63           | 0.058         |
|            |                           |            |    | 25      | 25        | 22.16                  | 17.51           | 0.056         |
|            |                           |            |    | 50      | 0         | 22.16                  | 17.51           | 0.056         |
|            | 844                       | 26990      |    | 1       | 0         | 22.19                  | 17.54           | 0.057         |
|            |                           |            |    | 1       | 25        | 22.19                  | 17.54           | 0.057         |
|            |                           |            |    | 1       | 49        | 22.19                  | 17.54           | 0.057         |
|            |                           |            |    | 25      | 0         | 22.19                  | 17.54           | 0.057         |
|            |                           |            |    | 25      | 12        | 22.20                  | 17.55           | 0.057         |
|            |                           |            |    | 25      | 25        | 22.19                  | 17.54           | 0.057         |
|            |                           |            |    | 50      | 0         | 22.20                  | 17.55           | 0.057         |

| Modulation | Carrier frequern<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|---------------------------------|---------------|----|---------|--------------|---------------------------------|-----------------------|---------------------|
| QPSK       | 831.5                           | 26865         | 15 | 1       | 0            | 23.94                           | 19.29                 | 0.085               |
|            |                                 |               |    | 1       | 37           | 24.12                           | 19.47                 | 0.089               |
|            |                                 |               |    | 1       | 74           | 24.05                           | 19.40                 | 0.087               |
|            |                                 |               |    | 36      | 0            | 23.01                           | 18.36                 | 0.069               |
|            |                                 |               |    | 36      | 29           | 23.21                           | 18.56                 | 0.072               |
|            |                                 |               |    | 36      | 30           | 23.20                           | 18.55                 | 0.072               |
|            |                                 |               |    | 75      | 0            | 23.35                           | 18.70                 | 0.074               |
|            | 836.5                           | 26915         |    | 1       | 0            | 24.34                           | 19.69                 | 0.093               |
|            |                                 |               |    | 1       | 37           | 24.41                           | 19.76                 | 0.095               |
|            |                                 |               |    | 1       | 74           | 24.30                           | 19.65                 | 0.092               |
|            |                                 |               |    | 36      | 0            | 23.16                           | 18.51                 | 0.071               |
|            |                                 |               |    | 36      | 29           | 23.21                           | 18.56                 | 0.072               |
|            |                                 |               |    | 36      | 30           | 23.21                           | 18.56                 | 0.072               |
|            |                                 |               |    | 75      | 0            | 23.08                           | 18.43                 | 0.070               |
|            | 841.5                           | 26965         |    | 1       | 0            | 24.04                           | 19.39                 | 0.087               |
|            |                                 |               |    | 1       | 37           | 24.09                           | 19.44                 | 0.088               |
|            |                                 |               |    | 1       | 74           | 24.16                           | 19.51                 | 0.089               |
|            |                                 |               |    | 36      | 0            | 23.27                           | 18.62                 | 0.073               |
|            |                                 |               |    | 36      | 29           | 23.30                           | 18.65                 | 0.073               |
|            |                                 |               |    | 36      | 30           | 23.30                           | 18.65                 | 0.073               |
|            |                                 |               |    | 75      | 0            | 23.16                           | 18.51                 | 0.071               |
| 16QAM      | 831.5                           | 26865         | 1  | 0       | 23.22        | 18.57                           | 0.072                 |                     |
|            |                                 |               | 1  | 37      | 23.38        | 18.73                           | 0.075                 |                     |
|            |                                 |               | 1  | 74      | 23.28        | 18.63                           | 0.073                 |                     |
|            |                                 |               | 36 | 0       | 22.19        | 17.54                           | 0.057                 |                     |
|            |                                 |               | 36 | 29      | 22.24        | 17.59                           | 0.057                 |                     |
|            |                                 |               | 36 | 30      | 22.23        | 17.58                           | 0.057                 |                     |
|            |                                 |               | 75 | 0       | 22.23        | 17.58                           | 0.057                 |                     |
|            | 836.5                           | 26915         | 1  | 0       | 23.83        | 19.18                           | 0.083                 |                     |
|            |                                 |               | 1  | 37      | 23.81        | 19.16                           | 0.082                 |                     |
|            |                                 |               | 1  | 74      | 23.81        | 19.16                           | 0.082                 |                     |
|            |                                 |               | 36 | 0       | 22.11        | 17.46                           | 0.056                 |                     |
|            |                                 |               | 36 | 29      | 22.23        | 17.58                           | 0.057                 |                     |
|            |                                 |               | 36 | 30      | 22.23        | 17.58                           | 0.057                 |                     |
|            |                                 |               | 75 | 0       | 22.23        | 17.58                           | 0.057                 |                     |
|            | 841.5                           | 26965         | 1  | 0       | 23.29        | 18.64                           | 0.073                 |                     |
|            |                                 |               | 1  | 37      | 23.49        | 18.84                           | 0.077                 |                     |
|            |                                 |               | 1  | 74      | 23.49        | 18.84                           | 0.077                 |                     |
|            |                                 |               | 36 | 0       | 22.23        | 17.58                           | 0.057                 |                     |
|            |                                 |               | 36 | 29      | 22.18        | 17.53                           | 0.057                 |                     |
|            |                                 |               | 36 | 30      | 22.40        | 17.75                           | 0.060                 |                     |
|            |                                 |               | 75 | 0       | 22.24        | 17.59                           | 0.057                 |                     |

| Modulation | Carrier frequen<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|--------------------------------|---------------|----|---------|--------------|---------------------------------|-----------------------|---------------------|
| 64QAM      | 831.5                          | 26865         | 15 | 1       | 0            | 22.23                           | 17.58                 | 0.057               |
|            |                                |               |    | 1       | 37           | 22.23                           | 17.58                 | 0.057               |
|            |                                |               |    | 1       | 74           | 22.10                           | 17.45                 | 0.056               |
|            |                                |               |    | 36      | 0            | 22.19                           | 17.54                 | 0.057               |
|            |                                |               |    | 36      | 29           | 22.10                           | 17.45                 | 0.056               |
|            |                                |               |    | 36      | 30           | 22.14                           | 17.49                 | 0.056               |
|            |                                |               |    | 75      | 0            | 22.19                           | 17.54                 | 0.057               |
|            | 836.5                          | 26915         |    | 1       | 0            | 22.23                           | 17.58                 | 0.057               |
|            |                                |               |    | 1       | 37           | 22.23                           | 17.58                 | 0.057               |
|            |                                |               |    | 1       | 74           | 22.23                           | 17.58                 | 0.057               |
|            |                                |               |    | 36      | 0            | 22.23                           | 17.58                 | 0.057               |
|            |                                |               |    | 36      | 29           | 22.23                           | 17.58                 | 0.057               |
|            |                                |               |    | 36      | 30           | 22.23                           | 17.58                 | 0.057               |
|            |                                |               |    | 75      | 0            | 22.23                           | 17.58                 | 0.057               |
|            | 841.5                          | 26965         |    | 1       | 0            | 22.24                           | 17.59                 | 0.057               |
|            |                                |               |    | 1       | 37           | 22.24                           | 17.59                 | 0.057               |
|            |                                |               |    | 1       | 74           | 22.24                           | 17.59                 | 0.057               |
|            |                                |               |    | 36      | 0            | 22.25                           | 17.60                 | 0.058               |
|            |                                |               |    | 36      | 29           | 22.25                           | 17.60                 | 0.058               |
|            |                                |               |    | 36      | 30           | 22.25                           | 17.60                 | 0.058               |
|            |                                |               |    | 75      | 0            | 22.25                           | 17.60                 | 0.058               |