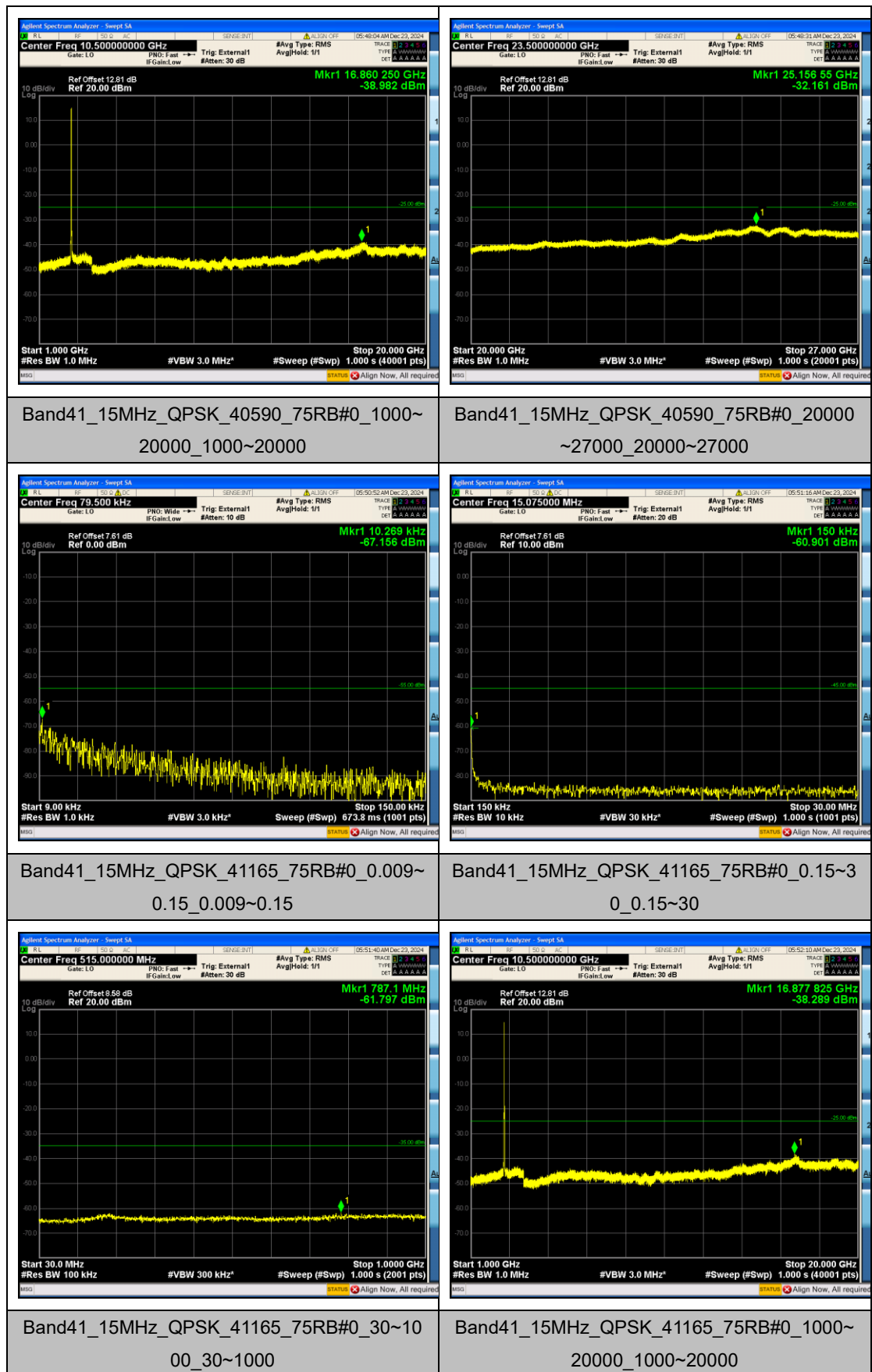
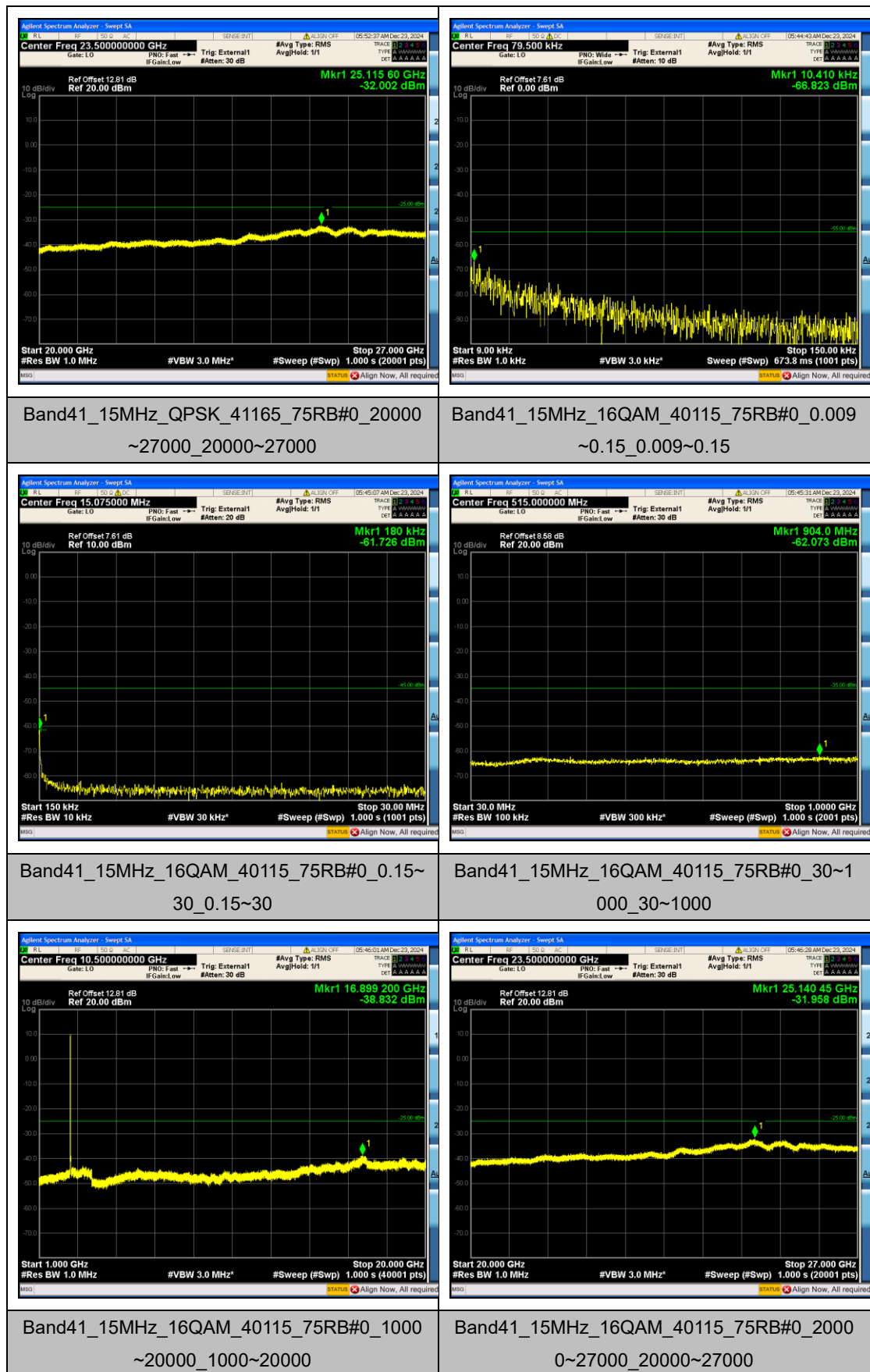
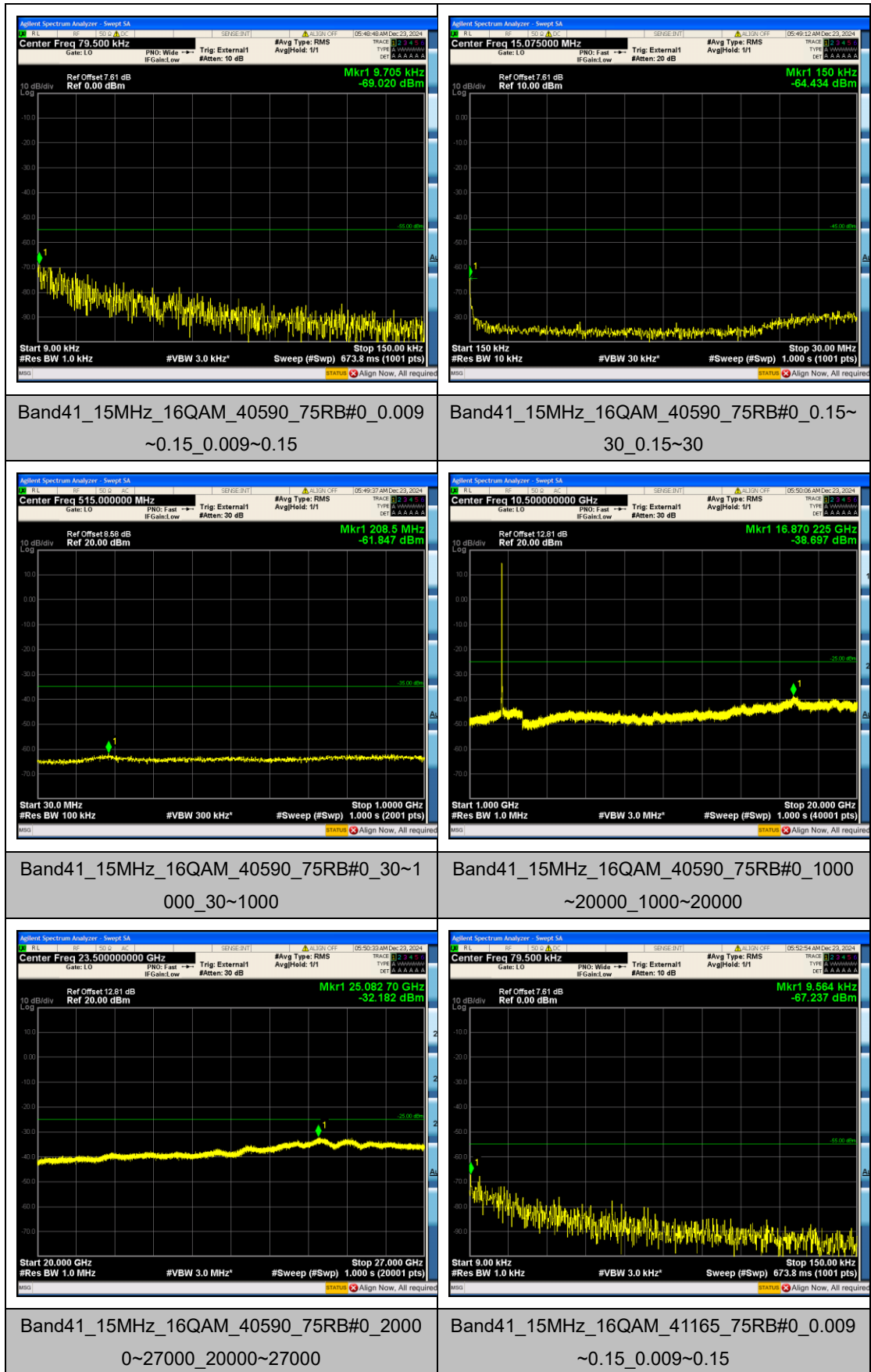
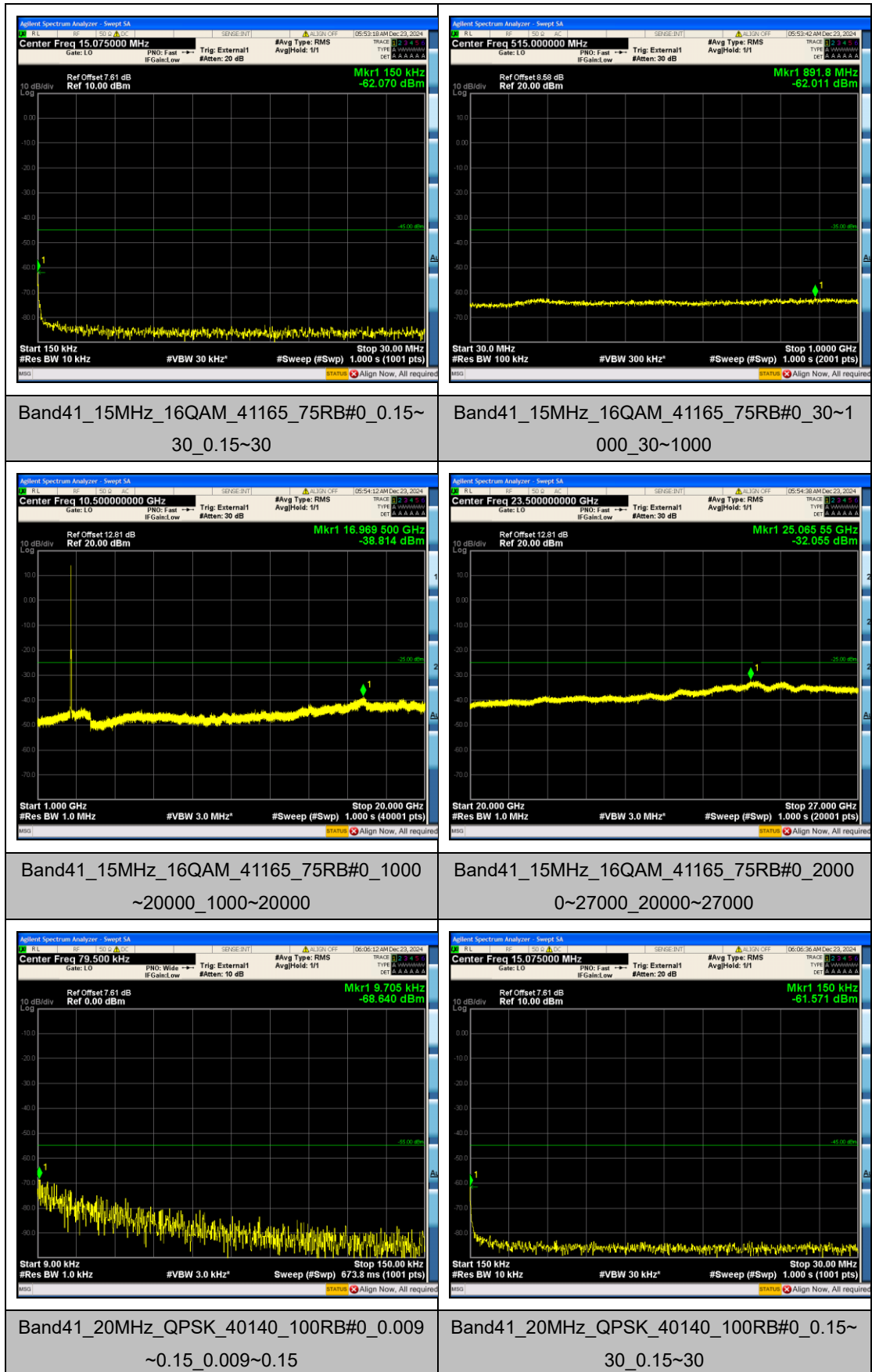
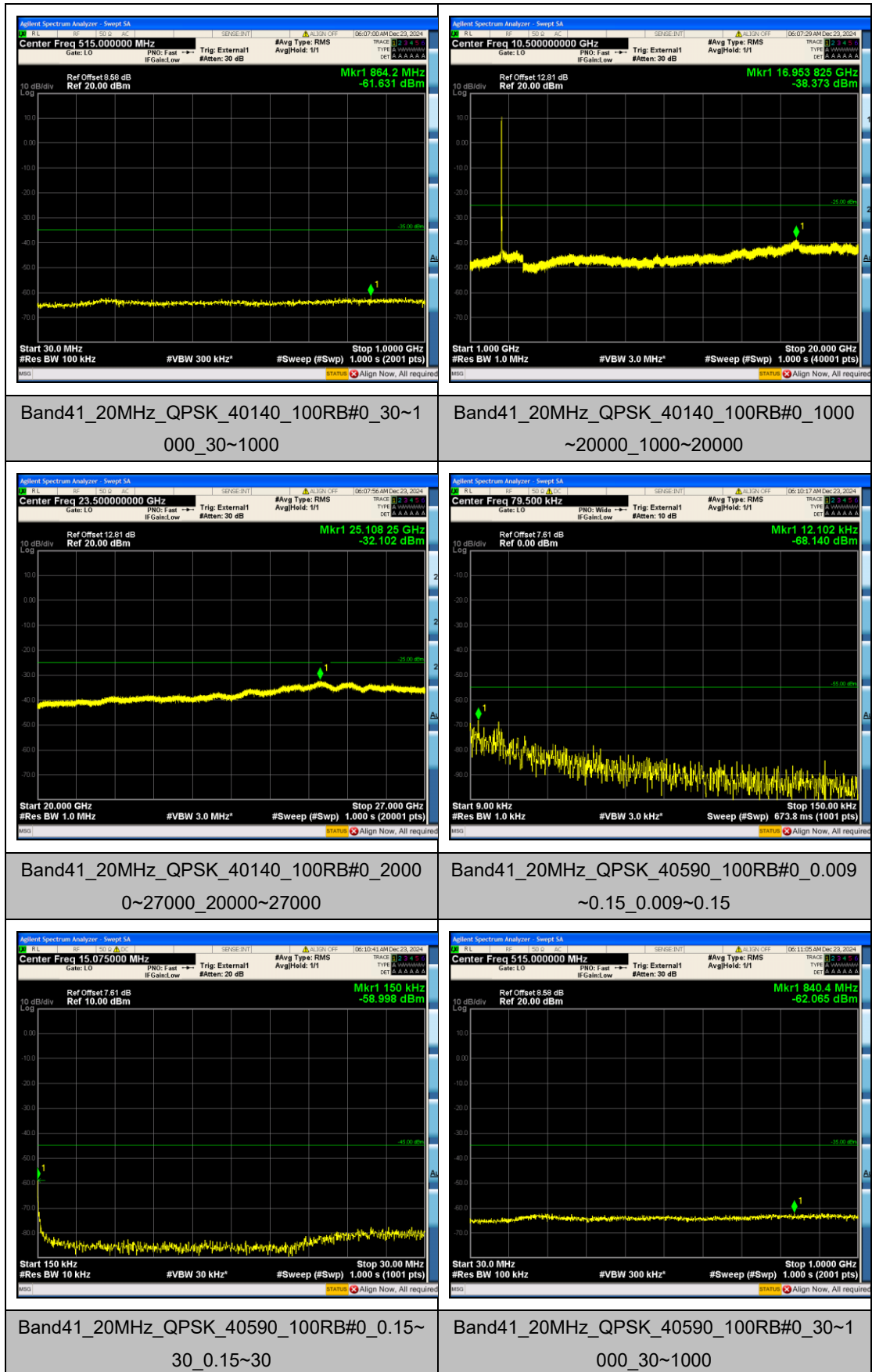


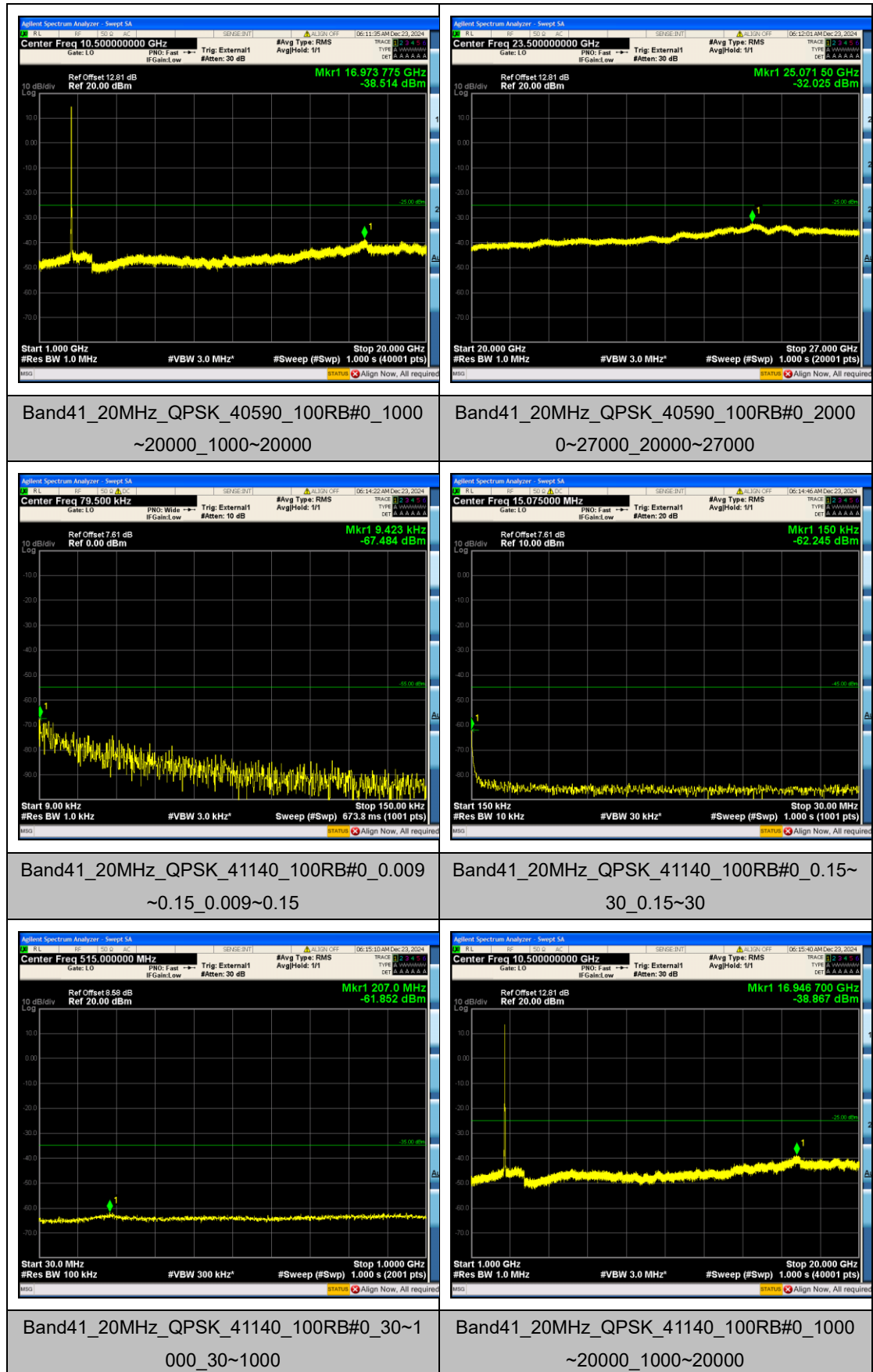


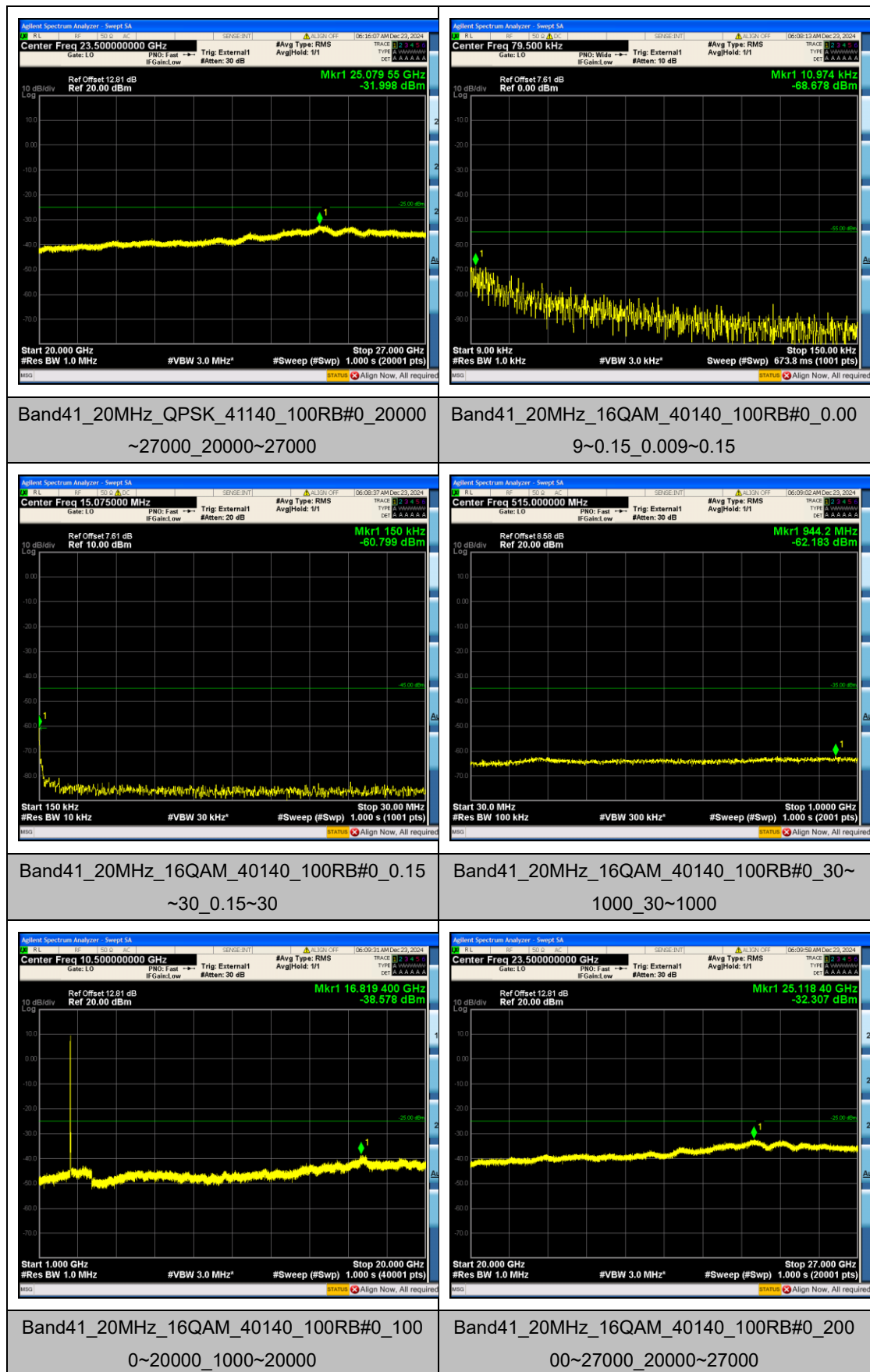


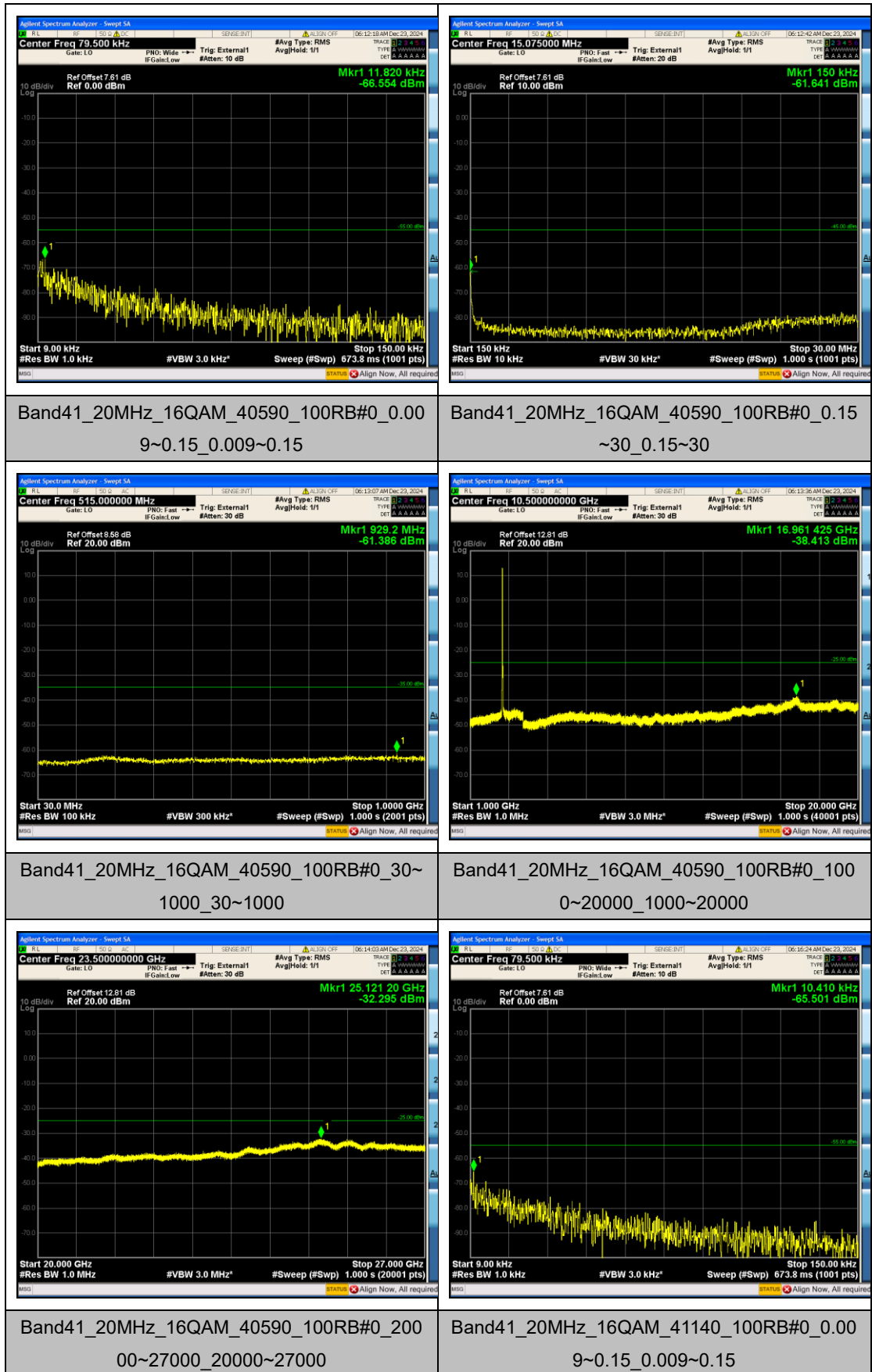


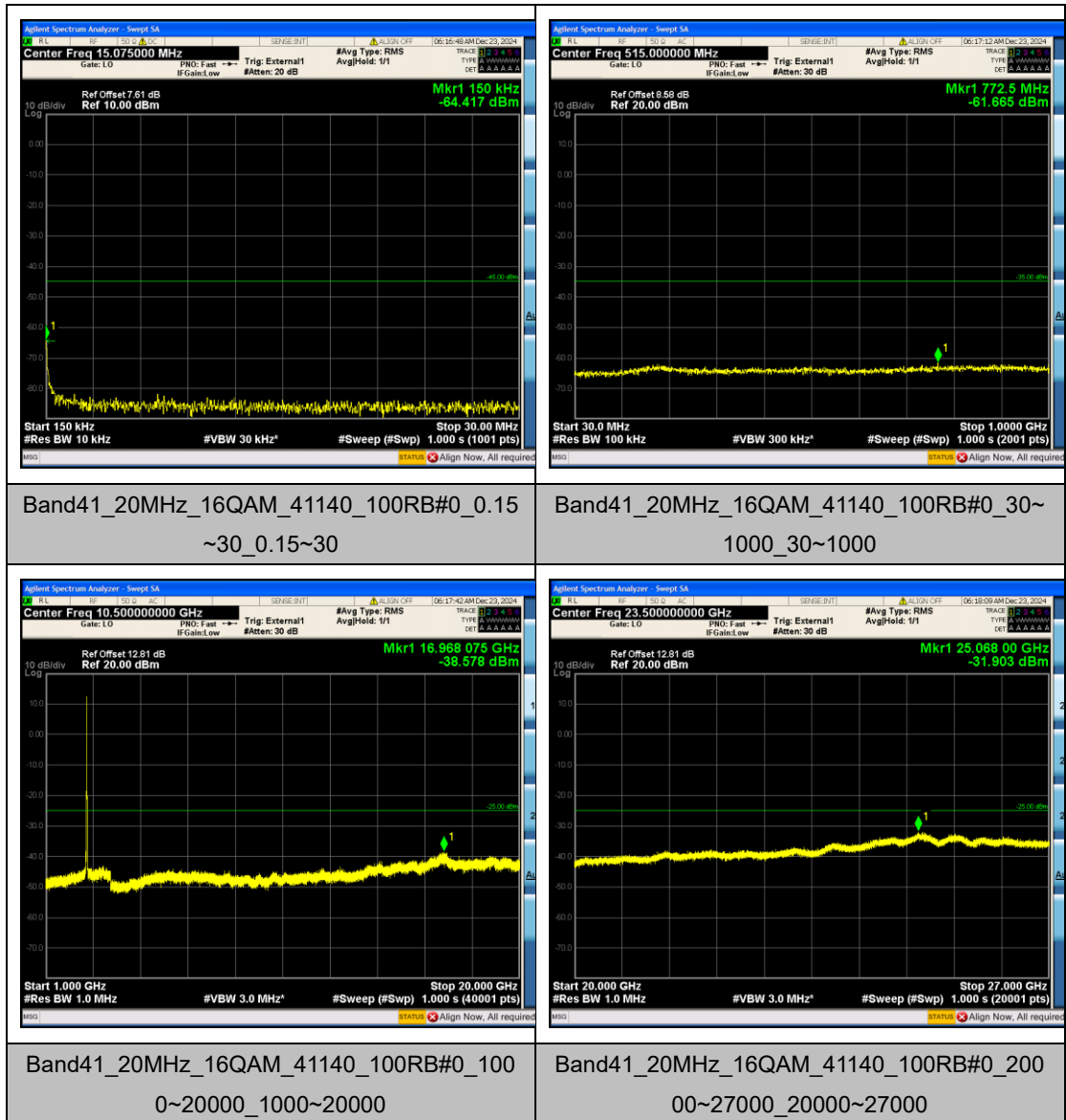












## Appendix F: Frequency Stability

### Test Result

| Voltage  |           |            |         |              |               |                  |                |                 |             |         |
|----------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band     | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| BandName | Bandwidth | Modulation | Channel | RBcfg        | VolValue      | TempValue        | ValueHz        | ValuePpm        | Limit       | Verdict |

| Temperature           |           |            |         |              |               |                  |                |                 |             |         |
|-----------------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band                  | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | -30              | -38.80         | -0.015291       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | -20              | 16.05          | 0.006325        | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | -10              | 6.58           | 0.002593        | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 0                | -26.69         | -0.010518       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 10               | -17.12         | -0.006747       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 20               | -26.36         | -0.010388       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 30               | -37.85         | -0.014916       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 40               | -41.14         | -0.016213       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 50               | -40.47         | -0.015949       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40590   | 25RB#0       | NV            | -30              | -47.29         | -0.018259       | ±2.5        | PASS    |

|                           |      |      |       |        |    |     |         |           |      |      |
|---------------------------|------|------|-------|--------|----|-----|---------|-----------|------|------|
| 2655)                     |      |      |       |        |    |     |         |           |      |      |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | -20 | -48.77  | -0.018830 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | -10 | -105.03 | -0.040552 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 0   | -44.93  | -0.017347 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 10  | -29.17  | -0.011263 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 20  | -25.98  | -0.010031 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 30  | -27.35  | -0.010560 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 40  | -38.37  | -0.014815 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 50  | -40.45  | -0.015618 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | -30 | -60.61  | -0.022850 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | -20 | -67.93  | -0.025610 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | -10 | -64.13  | -0.024177 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | 0   | -44.73  | -0.016863 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | 10  | -47.22  | -0.017802 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | 20  | -63.69  | -0.024011 | ±2.5 | PASS |

|                       |      |       |       |        |    |     |        |           |      |      |
|-----------------------|------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band41<br>(2535-2655) | 5MHz | QPSK  | 41215 | 25RB#0 | NV | 30  | -63.09 | -0.023785 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | QPSK  | 41215 | 25RB#0 | NV | 40  | -60.91 | -0.022963 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | QPSK  | 41215 | 25RB#0 | NV | 50  | -57.19 | -0.021561 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | -30 | 393.35 | 0.155015  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | -20 | 329.30 | 0.129773  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | -10 | 263.97 | 0.104028  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 0   | 190.66 | 0.075137  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 10  | 137.57 | 0.054215  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 20  | 121.98 | 0.048071  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 30  | 84.64  | 0.033356  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 40  | 102.40 | 0.040355  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 50  | 82.93  | 0.032682  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | -30 | -42.67 | -0.016475 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | -20 | -35.98 | -0.013892 | ±2.5 | PASS |
| Band41                | 5MHz | 16QAM | 40590 | 25RB#0 | NV | -10 | -31.81 | -0.012282 | ±2.5 | PASS |

|                       |      |       |       |        |    |     |        |           |      |      |
|-----------------------|------|-------|-------|--------|----|-----|--------|-----------|------|------|
| (2535-2655)           |      |       |       |        |    |     |        |           |      |      |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | 0   | -36.52 | -0.014100 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | 10  | -34.96 | -0.013498 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | 20  | -22.54 | -0.008703 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | 30  | -34.82 | -0.013444 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | 40  | -30.96 | -0.011954 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | 50  | -14.98 | -0.005784 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 41215 | 25RB#0 | NV | -30 | -46.55 | -0.017549 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 41215 | 25RB#0 | NV | -20 | -49.97 | -0.018839 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 41215 | 25RB#0 | NV | -10 | -40.44 | -0.015246 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 41215 | 25RB#0 | NV | 0   | -35.48 | -0.013376 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 41215 | 25RB#0 | NV | 10  | -32.64 | -0.012305 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 41215 | 25RB#0 | NV | 20  | -32.97 | -0.012430 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 41215 | 25RB#0 | NV | 30  | -35.53 | -0.013395 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 41215 | 25RB#0 | NV | 40  | -19.57 | -0.007378 | ±2.5 | PASS |

|                           |       |       |       |        |    |     |        |           |      |      |
|---------------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| 2655)                     |       |       |       |        |    |     |        |           |      |      |
| Band41<br>(2535-<br>2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 50  | -31.44 | -0.011853 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40090 | 50RB#0 | NV | -30 | 8.18   | 0.003220  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40090 | 50RB#0 | NV | -20 | -3.48  | -0.001370 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40090 | 50RB#0 | NV | -10 | -41.74 | -0.016433 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40090 | 50RB#0 | NV | 0   | -35.26 | -0.013882 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40090 | 50RB#0 | NV | 10  | -45.06 | -0.017740 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40090 | 50RB#0 | NV | 20  | -45.50 | -0.017913 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40090 | 50RB#0 | NV | 30  | -41.57 | -0.016366 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40090 | 50RB#0 | NV | 40  | -20.08 | -0.007906 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40090 | 50RB#0 | NV | 50  | -8.00  | -0.003150 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40590 | 50RB#0 | NV | -30 | -65.19 | -0.025170 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40590 | 50RB#0 | NV | -20 | -59.27 | -0.022884 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40590 | 50RB#0 | NV | -10 | -48.67 | -0.018792 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40590 | 50RB#0 | NV | 0   | -53.89 | -0.020807 | ±2.5 | PASS |

|                       |       |       |       |        |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band41<br>(2535-2655) | 10MHz | QPSK  | 40590 | 50RB#0 | NV | 10  | -24.66 | -0.009521 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 40590 | 50RB#0 | NV | 20  | -32.69 | -0.012622 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 40590 | 50RB#0 | NV | 30  | -52.66 | -0.020332 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 40590 | 50RB#0 | NV | 40  | -57.86 | -0.022340 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 40590 | 50RB#0 | NV | 50  | -57.86 | -0.022340 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | -30 | -8.05  | -0.003038 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | -20 | -6.47  | -0.002442 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | -10 | 7.07   | 0.002668  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 0   | -11.80 | -0.004453 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 10  | 5.32   | 0.002008  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 20  | 5.66   | 0.002136  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 30  | -9.71  | -0.003664 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 40  | -4.63  | -0.001747 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 50  | 4.26   | 0.001608  | ±2.5 | PASS |
| Band41                | 10MHz | 16QAM | 40090 | 50RB#0 | NV | -30 | -41.30 | -0.016260 | ±2.5 | PASS |

|                       |       |       |       |        |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| (2535-2655)           |       |       |       |        |    |     |        |           |      |      |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | -20 | -42.89 | -0.016886 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | -10 | -50.43 | -0.019854 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 0   | -19.71 | -0.007760 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 10  | -36.52 | -0.014378 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 20  | -15.56 | -0.006126 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 30  | -29.94 | -0.011787 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 40  | -36.76 | -0.014472 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 50  | -38.94 | -0.015331 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | -30 | -51.14 | -0.019745 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | -20 | -11.12 | -0.004293 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | -10 | 9.71   | 0.003749  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 0   | -12.93 | -0.004992 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 10  | -6.88  | -0.002656 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 20  | -7.95  | -0.003069 | ±2.5 | PASS |

|                           |       |       |       |        |    |     |        |           |      |      |
|---------------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| 2655)                     |       |       |       |        |    |     |        |           |      |      |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 30  | -8.44  | -0.003259 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 40  | -8.23  | -0.003178 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 50  | -7.47  | -0.002884 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | -30 | -11.07 | -0.004177 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | -20 | -5.24  | -0.001977 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | -10 | -6.75  | -0.002547 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 0   | -6.88  | -0.002596 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 10  | -8.38  | -0.003162 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 20  | -8.75  | -0.003302 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 30  | -5.38  | -0.002030 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 40  | 3.49   | 0.001317  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 50  | -9.86  | -0.003721 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK  | 40115 | 75RB#0 | NV | -30 | -7.65  | -0.003009 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK  | 40115 | 75RB#0 | NV | -20 | -5.06  | -0.001990 | ±2.5 | PASS |

|                       |       |      |       |        |    |     |        |           |      |      |
|-----------------------|-------|------|-------|--------|----|-----|--------|-----------|------|------|
| Band41<br>(2535-2655) | 15MHz | QPSK | 40115 | 75RB#0 | NV | -10 | -11.60 | -0.004562 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40115 | 75RB#0 | NV | 0   | -7.58  | -0.002981 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40115 | 75RB#0 | NV | 10  | -6.19  | -0.002435 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40115 | 75RB#0 | NV | 20  | -12.06 | -0.004743 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40115 | 75RB#0 | NV | 30  | -11.37 | -0.004472 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40115 | 75RB#0 | NV | 40  | -8.30  | -0.003265 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40115 | 75RB#0 | NV | 50  | -9.77  | -0.003843 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | -30 | -9.93  | -0.003834 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | -20 | -9.56  | -0.003691 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | -10 | -11.63 | -0.004490 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 0   | -12.59 | -0.004861 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 10  | -5.91  | -0.002282 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 20  | -9.37  | -0.003618 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 30  | -7.57  | -0.002923 | ±2.5 | PASS |
| Band41                | 15MHz | QPSK | 40590 | 75RB#0 | NV | 40  | -8.97  | -0.003463 | ±2.5 | PASS |

|                       |       |       |       |        |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| (2535-2655)           |       |       |       |        |    |     |        |           |      |      |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 40590 | 75RB#0 | NV | 50  | -6.94  | -0.002680 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | -30 | -9.34  | -0.003528 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | -20 | -12.53 | -0.004733 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | -10 | -8.73  | -0.003297 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 0   | -14.98 | -0.005658 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 10  | -10.74 | -0.004057 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 20  | -12.36 | -0.004669 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 30  | -4.06  | -0.001534 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 40  | -7.47  | -0.002822 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 50  | -10.96 | -0.004140 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | -30 | -7.15  | -0.002812 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | -20 | -13.60 | -0.005349 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | -10 | -7.15  | -0.002812 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 0   | -15.39 | -0.006053 | ±2.5 | PASS |

|                           |       |       |       |        |    |     |        |           |      |      |
|---------------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| 2655)                     |       |       |       |        |    |     |        |           |      |      |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 10  | -3.52  | -0.001384 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 20  | -11.24 | -0.004421 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 30  | -9.56  | -0.003760 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 40  | -7.22  | -0.002840 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 50  | -5.79  | -0.002277 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | -30 | -10.71 | -0.004135 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | -20 | -7.74  | -0.002988 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | -10 | -4.51  | -0.001741 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 0   | 3.12   | 0.001205  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 10  | -14.69 | -0.005672 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 20  | -16.05 | -0.006197 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 30  | -8.47  | -0.003270 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 40  | -12.90 | -0.004981 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 50  | -13.03 | -0.005031 | ±2.5 | PASS |

|                       |       |       |       |         |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | -30 | -16.59 | -0.006266 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | -20 | -9.84  | -0.003717 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | -10 | -14.72 | -0.005560 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 0   | -12.00 | -0.004533 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 10  | -15.71 | -0.005934 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 20  | -9.24  | -0.003490 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 30  | -14.72 | -0.005560 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 40  | -9.17  | -0.003464 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 50  | -13.49 | -0.005095 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | -30 | -11.29 | -0.004436 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | -20 | -12.45 | -0.004892 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | -10 | -9.23  | -0.003627 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 0   | -14.03 | -0.005513 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 10  | -9.43  | -0.003705 | ±2.5 | PASS |
| Band41                | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 20  | -15.09 | -0.005929 | ±2.5 | PASS |

|                       |       |      |       |         |    |     |        |           |      |      |
|-----------------------|-------|------|-------|---------|----|-----|--------|-----------|------|------|
| (2535-2655)           |       |      |       |         |    |     |        |           |      |      |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40140 | 100RB#0 | NV | 30  | -12.69 | -0.004986 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40140 | 100RB#0 | NV | 40  | -12.72 | -0.004998 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40140 | 100RB#0 | NV | 50  | -8.13  | -0.003194 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | -30 | -4.82  | -0.001861 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | -20 | -4.55  | -0.001757 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | -10 | -10.07 | -0.003888 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 0   | -6.75  | -0.002606 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 10  | -2.19  | -0.000846 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 20  | 4.19   | 0.001618  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 30  | -5.66  | -0.002185 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 40  | -7.78  | -0.003004 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 50  | 4.12   | 0.001591  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 41140 | 100RB#0 | NV | -30 | -8.57  | -0.003240 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 41140 | 100RB#0 | NV | -20 | -18.02 | -0.006813 | ±2.5 | PASS |

|                           |       |       |       |         |    |     |        |           |      |      |
|---------------------------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| 2655)                     |       |       |       |         |    |     |        |           |      |      |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | -10 | -11.36 | -0.004295 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 0   | -10.04 | -0.003796 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 10  | -10.23 | -0.003868 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 20  | -14.25 | -0.005388 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 30  | -11.01 | -0.004163 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 40  | -14.98 | -0.005664 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 50  | -12.45 | -0.004707 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | -30 | -10.07 | -0.003957 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | -20 | -10.99 | -0.004318 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | -10 | -11.54 | -0.004534 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 0   | -9.88  | -0.003882 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 10  | -12.49 | -0.004908 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 20  | -13.42 | -0.005273 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 30  | -10.64 | -0.004181 | ±2.5 | PASS |

|                       |       |       |       |         |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 40  | -7.82  | -0.003073 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 50  | -8.97  | -0.003525 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | -30 | -5.58  | -0.002154 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | -20 | 3.19   | 0.001232  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | -10 | -6.74  | -0.002602 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 0   | -5.69  | -0.002197 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 10  | -6.02  | -0.002324 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 20  | -4.94  | -0.001907 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 30  | -7.47  | -0.002884 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 40  | -9.20  | -0.003552 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 50  | -7.65  | -0.002954 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | -30 | -11.42 | -0.004318 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | -20 | -12.47 | -0.004715 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | -10 | -10.61 | -0.004011 | ±2.5 | PASS |
| Band41                | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 0   | -14.98 | -0.005664 | ±2.5 | PASS |

|                       |       |       |       |         |    |    |        |           |      |      |
|-----------------------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| (2535-2655)           |       |       |       |         |    |    |        |           |      |      |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 10 | -10.20 | -0.003856 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 20 | -14.45 | -0.005463 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 30 | -12.07 | -0.004563 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 40 | -12.66 | -0.004786 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 50 | -14.45 | -0.005463 | ±2.5 | PASS |