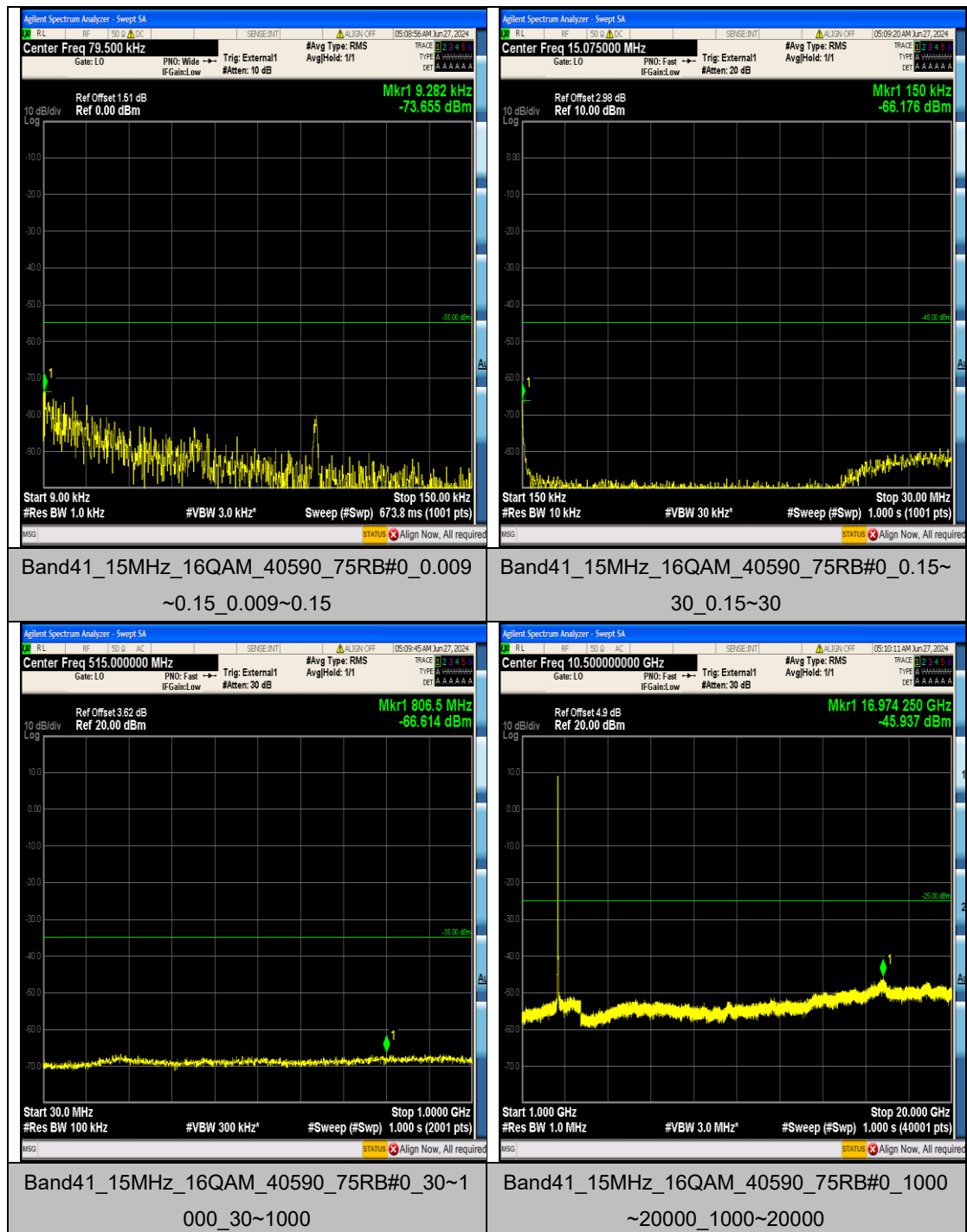
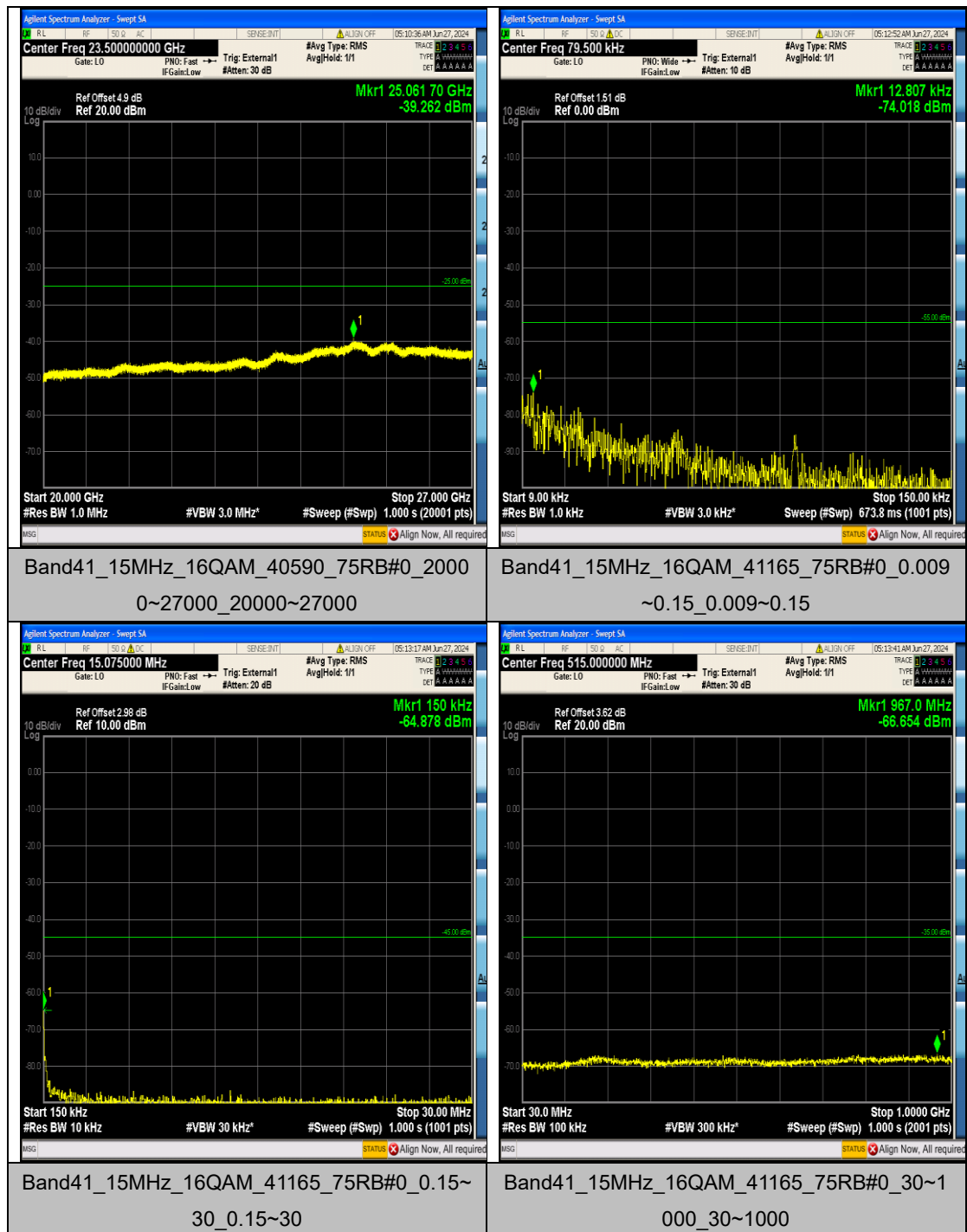
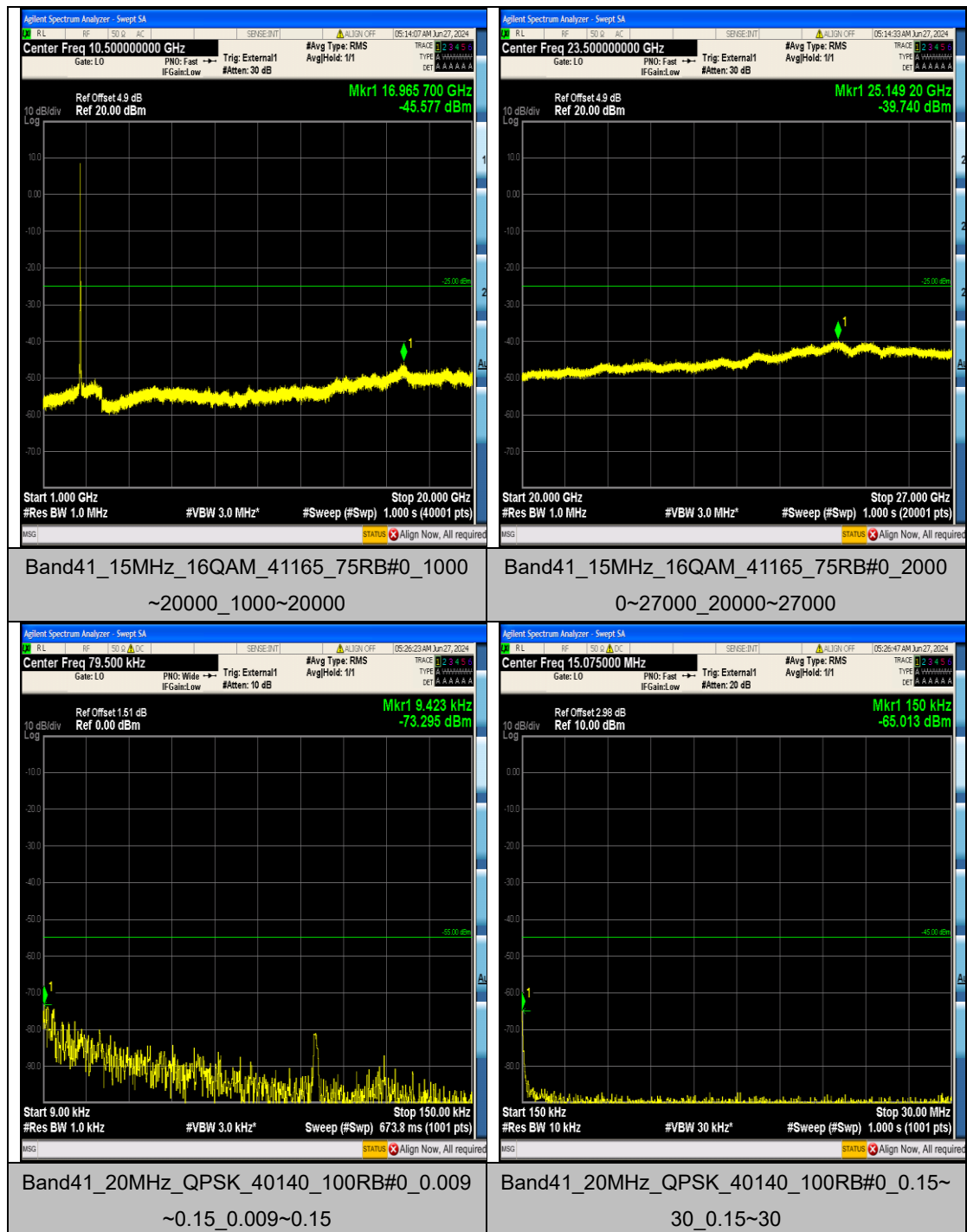
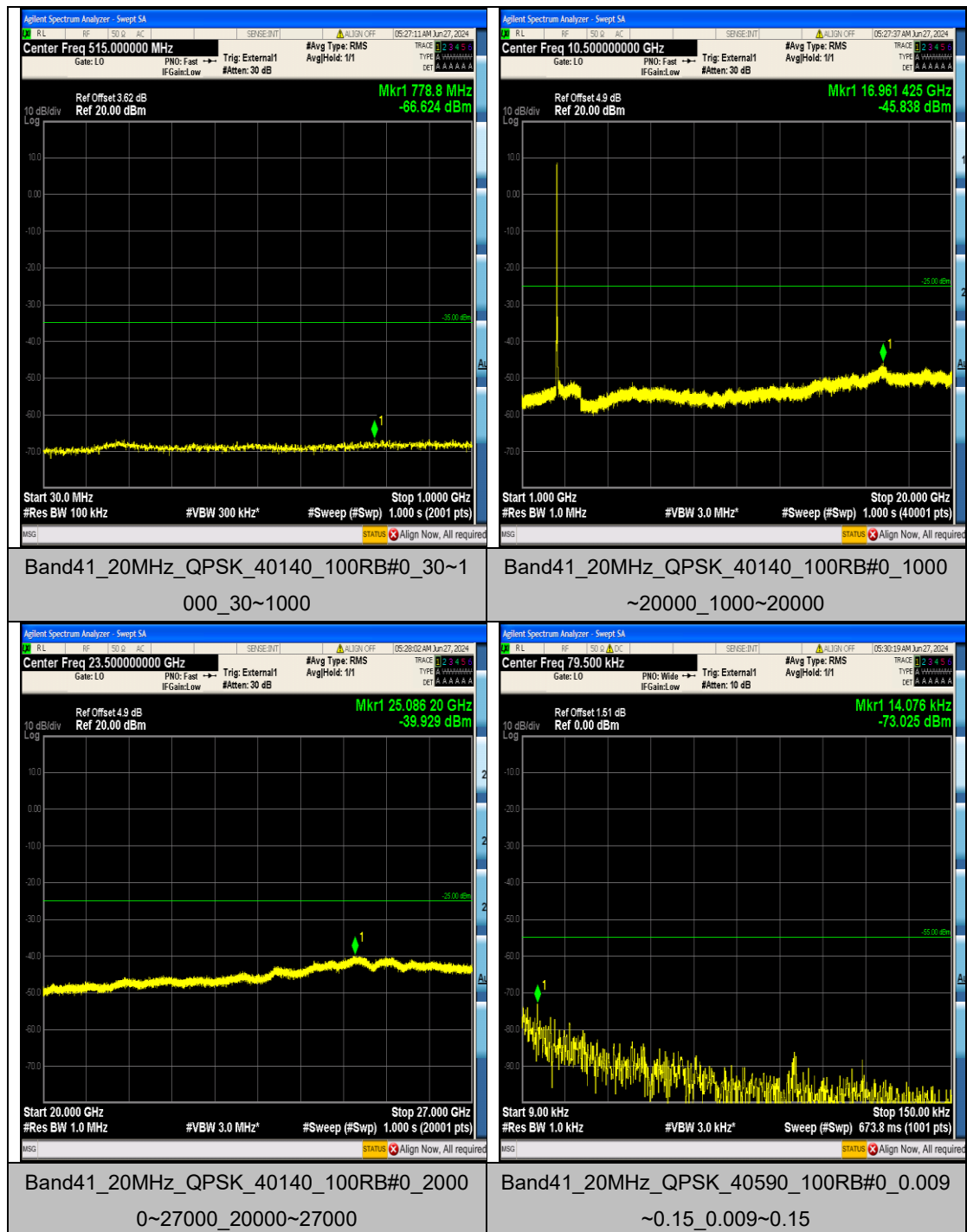
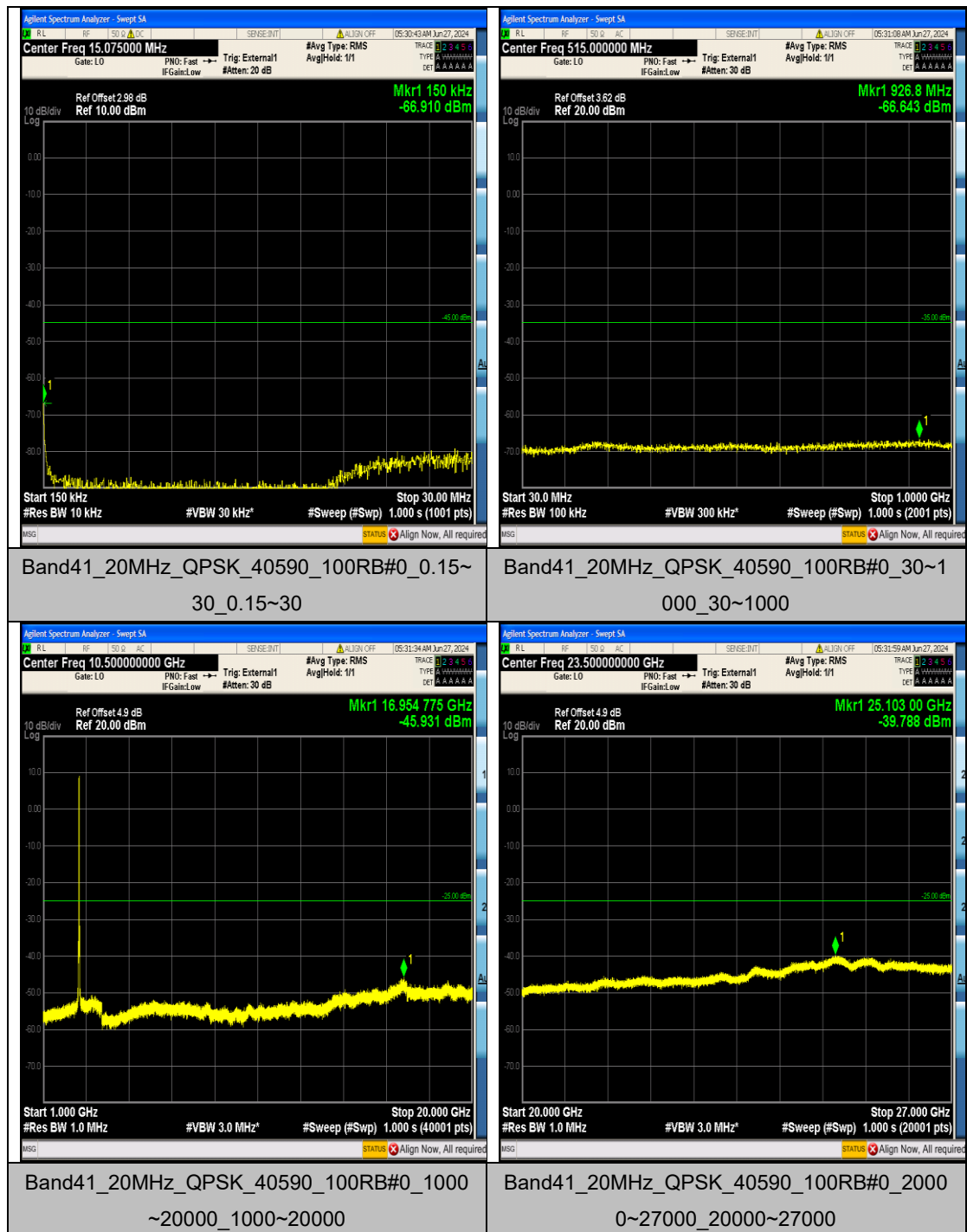


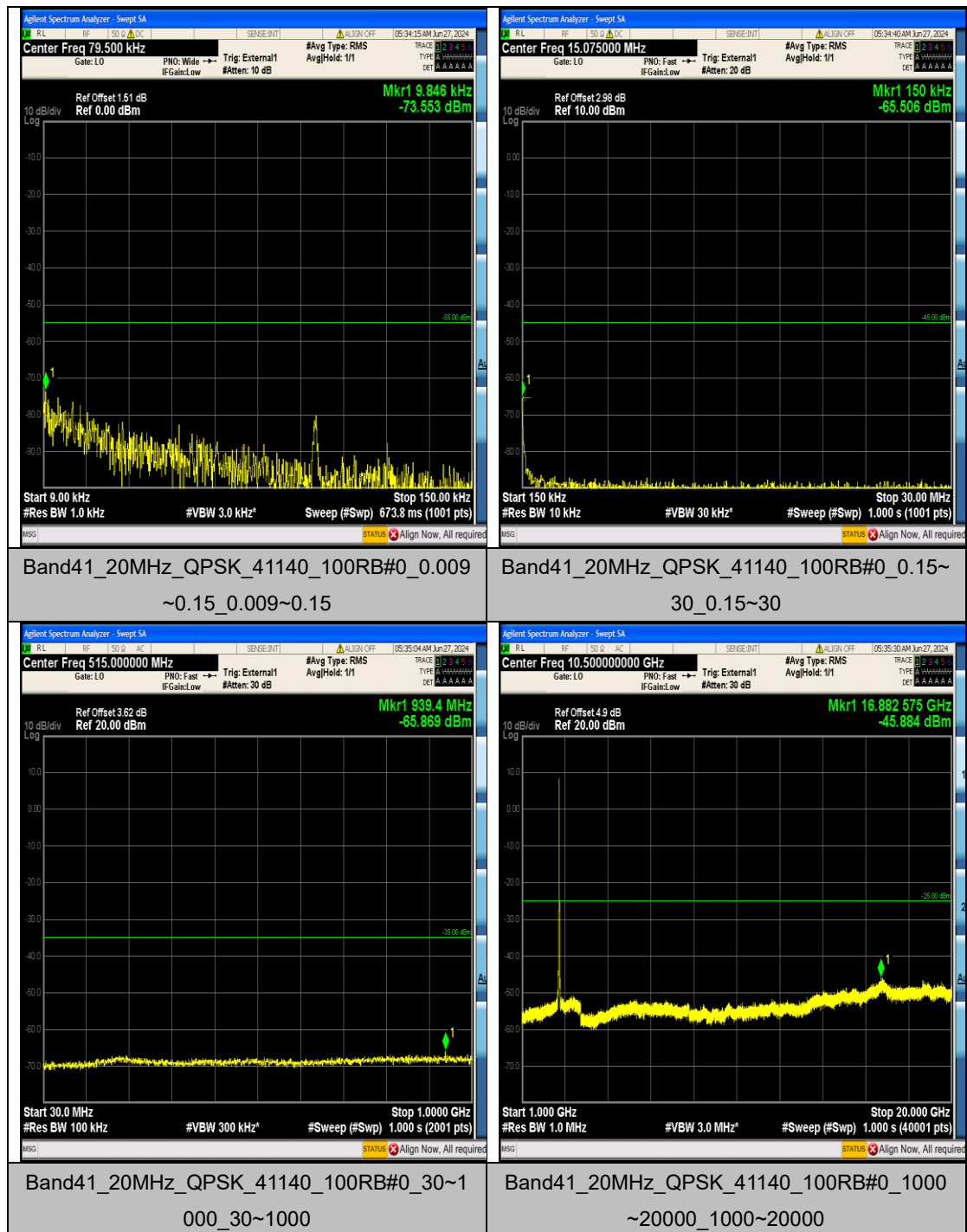


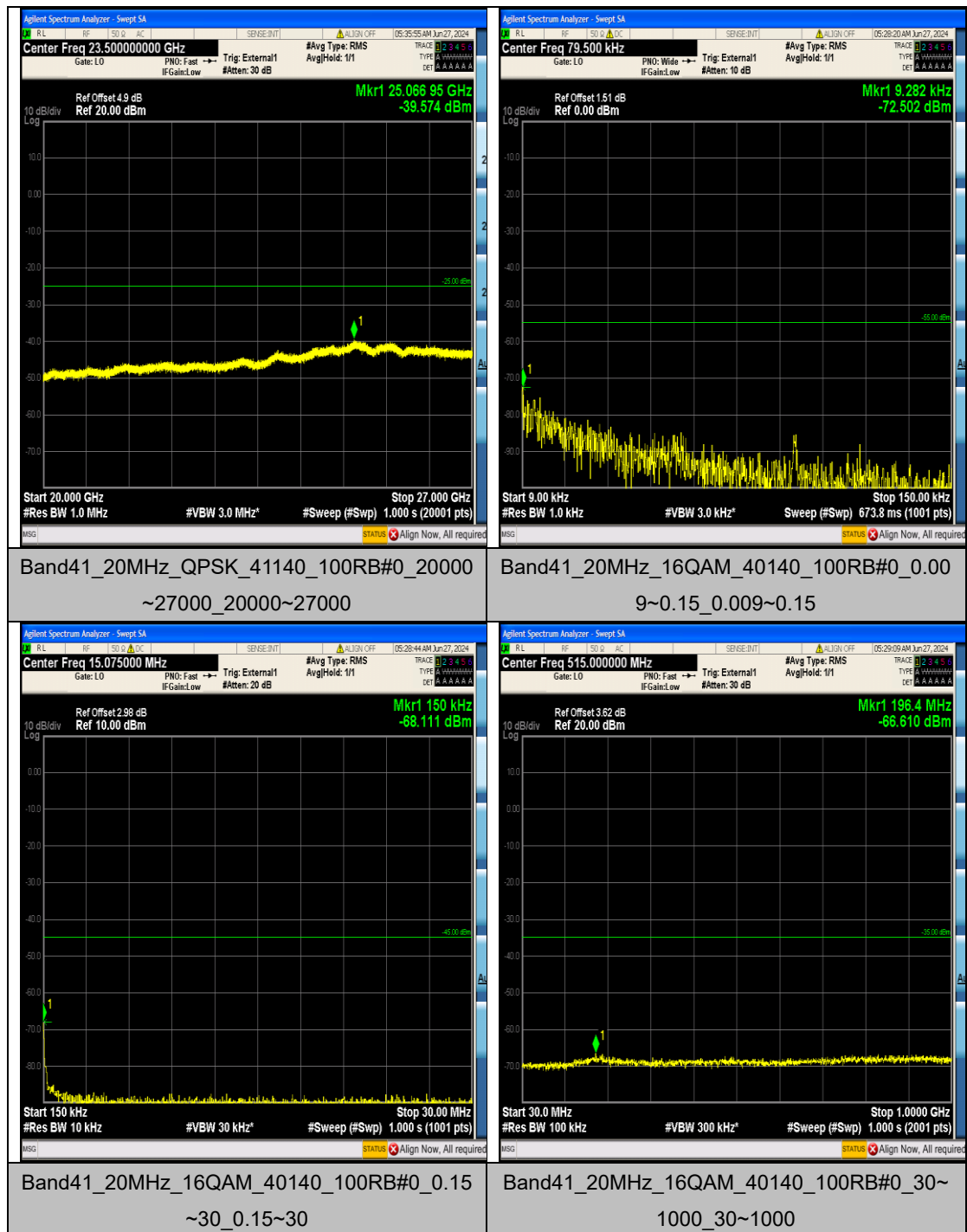


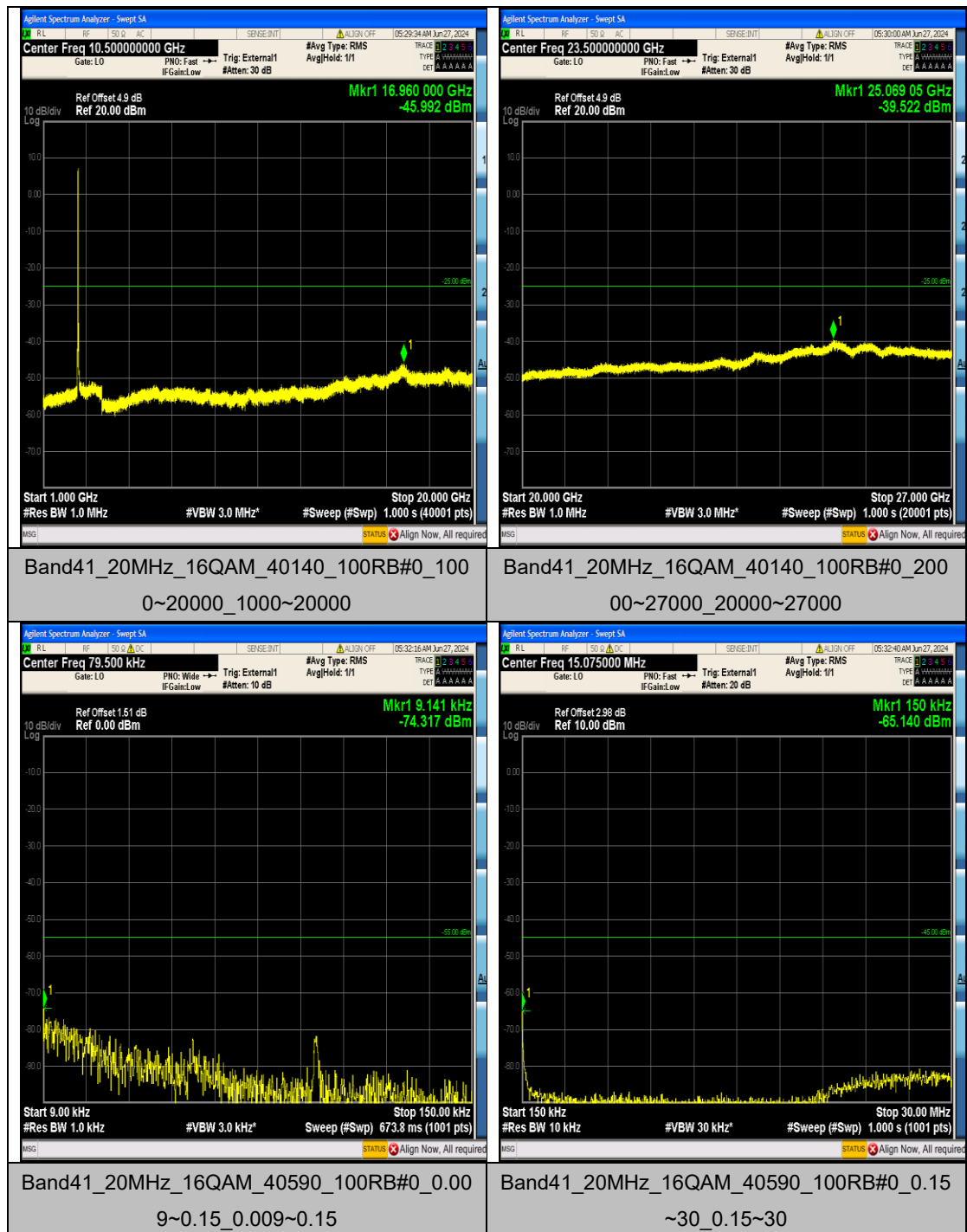


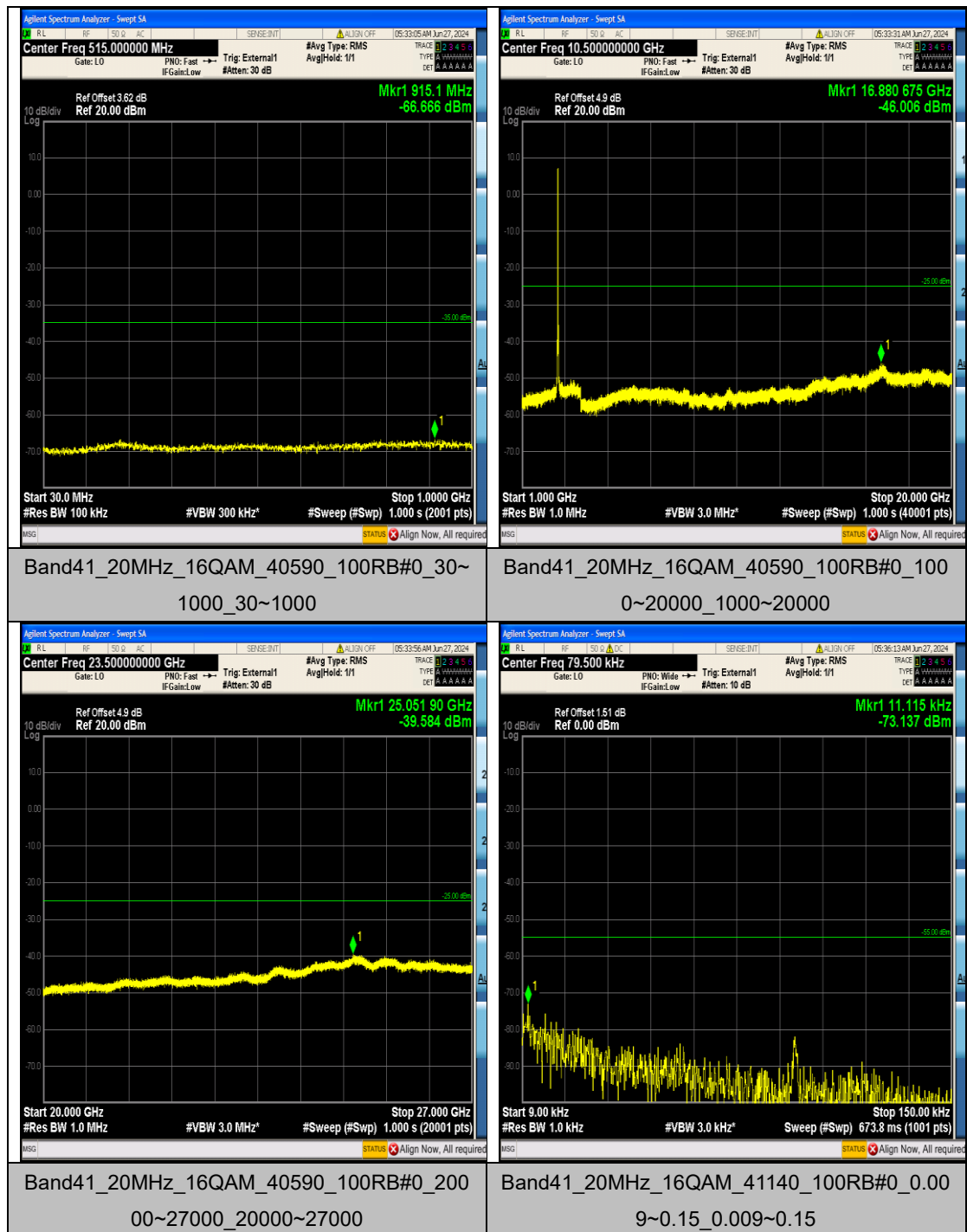


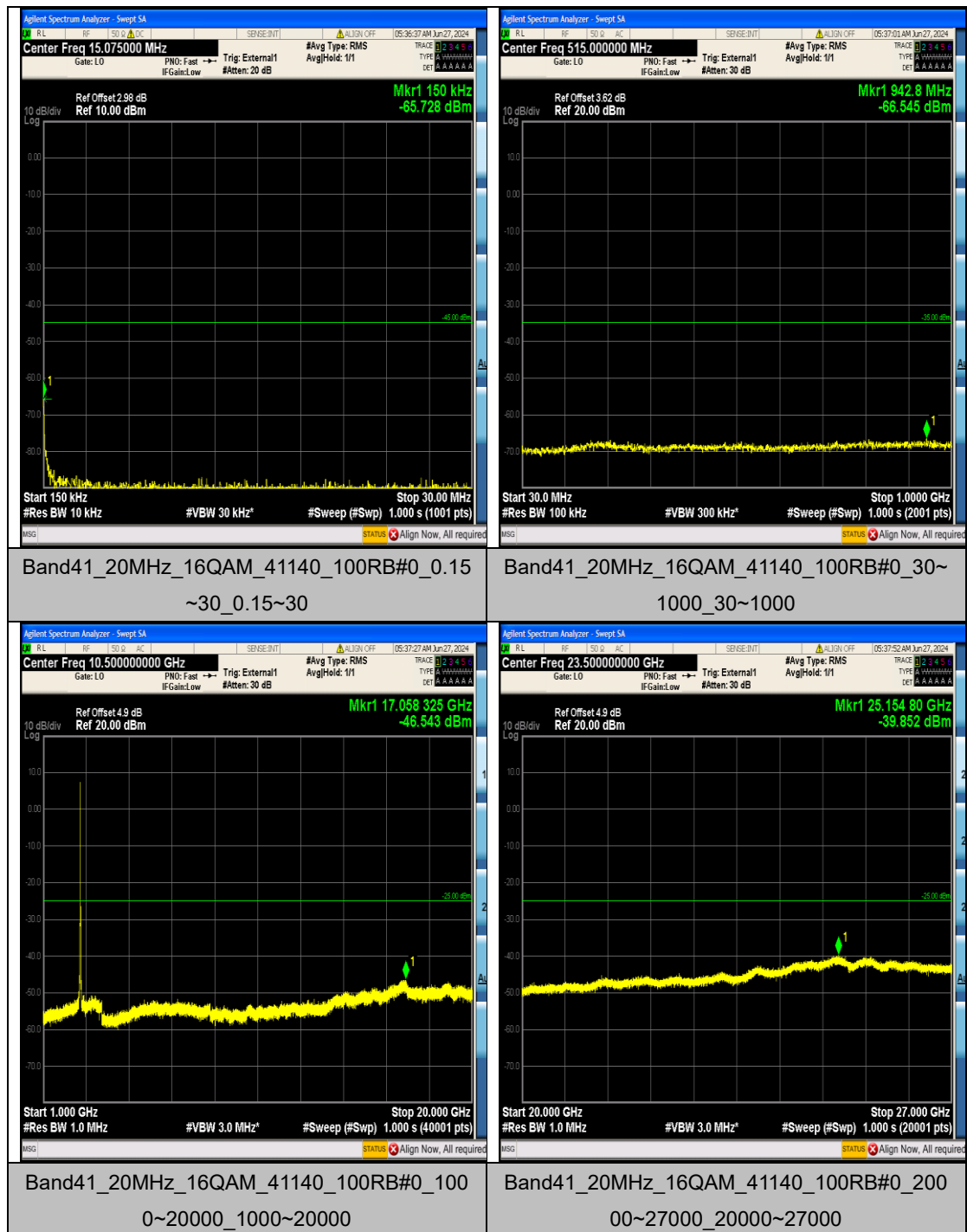












## Appendix F: Frequency Stability

### Test Result

| 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              | -14.78         | -0.005825       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | -20              | -18.70         | -0.007369       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | -10              | -14.52         | -0.005722       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 0                | -10.97         | -0.004323       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 10               | -24.40         | -0.009616       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 20               | -19.94         | -0.007858       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 30               | -22.50         | -0.008867       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 40               | -18.97         | -0.007476       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 50               | -18.98         | -0.007480       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40590   | 25RB#0       | NV            | -30              | -21.56         | -0.008324       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40590   | 25RB#0       | NV            | -20              | -13.82         | -0.005336       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40590   | 25RB#0       | NV            | -10              | -16.72         | -0.006456       | ±2.5        | PASS    |
| Band41                | 5MHz      | QPSK       | 40590   | 25RB#0       | NV            | 0                | -22.66         | -0.008749       | ±2.5        | PASS    |

|                       |      |      |       |        |    |     |        |           |      |      |
|-----------------------|------|------|-------|--------|----|-----|--------|-----------|------|------|
| (2535-2655)           |      |      |       |        |    |     |        |           |      |      |
| Band41<br>(2535-2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 10  | -17.09 | -0.006598 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 20  | -17.42 | -0.006726 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 30  | -21.84 | -0.008432 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 40  | -15.61 | -0.006027 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 50  | -26.24 | -0.010131 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | -30 | -26.26 | -0.009900 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | -20 | -28.97 | -0.010922 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | -10 | -15.49 | -0.005840 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | 0   | -22.33 | -0.008418 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | 10  | -17.81 | -0.006714 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | 20  | -23.98 | -0.009041 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | 30  | -17.98 | -0.006779 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | 40  | -20.07 | -0.007566 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | 50  | -28.22 | -0.010639 | ±2.5 | PASS |

|                           |      |       |       |        |    |     |        |           |      |      |
|---------------------------|------|-------|-------|--------|----|-----|--------|-----------|------|------|
| 2655)                     |      |       |       |        |    |     |        |           |      |      |
| Band41<br>(2535-<br>2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | -30 | -26.08 | -0.010278 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | -20 | -27.01 | -0.010644 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | -10 | -18.04 | -0.007109 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 0   | -18.27 | -0.007200 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 10  | -16.29 | -0.006420 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 20  | -23.83 | -0.009391 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 30  | -18.01 | -0.007098 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 40  | -16.57 | -0.006530 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 50  | -22.04 | -0.008686 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | -30 | -9.88  | -0.003815 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | -20 | -18.17 | -0.007015 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | -10 | -12.60 | -0.004865 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | 0   | -12.56 | -0.004849 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | 10  | -11.32 | -0.004371 | ±2.5 | PASS |

|                       |       |       |       |        |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band41<br>(2535-2655) | 5MHz  | 16QAM | 40590 | 25RB#0 | NV | 20  | -15.88 | -0.006131 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz  | 16QAM | 40590 | 25RB#0 | NV | 30  | -18.18 | -0.007019 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz  | 16QAM | 40590 | 25RB#0 | NV | 40  | -6.25  | -0.002413 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz  | 16QAM | 40590 | 25RB#0 | NV | 50  | -7.31  | -0.002822 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | -30 | -18.30 | -0.006899 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | -20 | -24.58 | -0.009267 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | -10 | -19.70 | -0.007427 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 0   | -15.02 | -0.005663 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 10  | -27.05 | -0.010198 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 20  | -20.51 | -0.007732 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 30  | -21.09 | -0.007951 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 40  | -29.03 | -0.010944 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 50  | -23.75 | -0.008954 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 40090 | 50RB#0 | NV | -30 | -10.49 | -0.004130 | ±2.5 | PASS |
| Band41                | 10MHz | QPSK  | 40090 | 50RB#0 | NV | -20 | -12.15 | -0.004783 | ±2.5 | PASS |

|                       |       |      |       |        |    |     |        |           |      |      |
|-----------------------|-------|------|-------|--------|----|-----|--------|-----------|------|------|
| (2535-2655)           |       |      |       |        |    |     |        |           |      |      |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40090 | 50RB#0 | NV | -10 | -4.35  | -0.001713 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40090 | 50RB#0 | NV | 0   | -3.29  | -0.001295 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40090 | 50RB#0 | NV | 10  | 3.93   | 0.001547  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40090 | 50RB#0 | NV | 20  | 4.58   | 0.001803  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40090 | 50RB#0 | NV | 30  | -8.03  | -0.003161 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40090 | 50RB#0 | NV | 40  | -6.48  | -0.002551 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40090 | 50RB#0 | NV | 50  | 4.21   | 0.001657  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40590 | 50RB#0 | NV | -30 | -7.24  | -0.002795 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40590 | 50RB#0 | NV | -20 | -9.21  | -0.003556 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40590 | 50RB#0 | NV | -10 | -11.29 | -0.004359 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40590 | 50RB#0 | NV | 0   | -6.85  | -0.002645 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40590 | 50RB#0 | NV | 10  | -9.71  | -0.003749 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40590 | 50RB#0 | NV | 20  | -5.59  | -0.002158 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40590 | 50RB#0 | NV | 30  | -4.39  | -0.001695 | ±2.5 | PASS |

|                           |       |       |       |        |    |     |        |           |      |      |
|---------------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| 2655)                     |       |       |       |        |    |     |        |           |      |      |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40590 | 50RB#0 | NV | 40  | 5.38   | 0.002077  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40590 | 50RB#0 | NV | 50  | -12.70 | -0.004903 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | -30 | 6.85   | 0.002585  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | -20 | 11.24  | 0.004242  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | -10 | -4.49  | -0.001694 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 0   | 6.45   | 0.002434  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 10  | 11.99  | 0.004525  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 20  | -5.65  | -0.002132 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 30  | -8.48  | -0.003200 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 40  | -4.85  | -0.001830 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 50  | 8.58   | 0.003238  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | -30 | -4.46  | -0.001756 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | -20 | 4.43   | 0.001744  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | -10 | -7.94  | -0.003126 | ±2.5 | PASS |

|                       |       |       |       |        |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 0   | 3.96   | 0.001559  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 10  | 5.35   | 0.002106  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 20  | 6.51   | 0.002563  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 30  | -3.83  | -0.001508 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 40  | -7.84  | -0.003087 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 50  | -7.28  | -0.002866 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | -30 | -8.24  | -0.003181 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | -20 | -7.12  | -0.002749 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | -10 | -11.44 | -0.004417 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 0   | -6.94  | -0.002680 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 10  | -4.42  | -0.001707 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 20  | -7.45  | -0.002876 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 30  | -5.61  | -0.002166 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 40  | -10.46 | -0.004039 | ±2.5 | PASS |
| Band41                | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 50  | -13.36 | -0.005158 | ±2.5 | PASS |

|                       |       |       |       |        |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| (2535-2655)           |       |       |       |        |    |     |        |           |      |      |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | -30 | 5.51   | 0.002079  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | -20 | -7.24  | -0.002732 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | -10 | 9.00   | 0.003396  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 0   | -11.74 | -0.004430 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 10  | -12.35 | -0.004660 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 20  | 6.37   | 0.002404  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 30  | -8.60  | -0.003245 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 40  | 11.43  | 0.004313  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 50  | 6.19   | 0.002336  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 40115 | 75RB#0 | NV | -30 | -10.46 | -0.004114 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 40115 | 75RB#0 | NV | -20 | 7.54   | 0.002966  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 40115 | 75RB#0 | NV | -10 | -12.00 | -0.004720 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 40115 | 75RB#0 | NV | 0   | -8.87  | -0.003489 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 40115 | 75RB#0 | NV | 10  | 6.94   | 0.002730  | ±2.5 | PASS |

|                           |       |      |       |        |    |     |        |           |      |      |
|---------------------------|-------|------|-------|--------|----|-----|--------|-----------|------|------|
| 2655)                     |       |      |       |        |    |     |        |           |      |      |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK | 40115 | 75RB#0 | NV | 20  | -10.93 | -0.004299 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK | 40115 | 75RB#0 | NV | 30  | 7.80   | 0.003068  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK | 40115 | 75RB#0 | NV | 40  | 7.61   | 0.002993  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK | 40115 | 75RB#0 | NV | 50  | -13.62 | -0.005357 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | -30 | -9.16  | -0.003537 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | -20 | -4.48  | -0.001730 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | -10 | -4.31  | -0.001664 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 0   | -7.48  | -0.002888 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 10  | 8.61   | 0.003324  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 20  | -5.95  | -0.002297 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 30  | -4.62  | -0.001784 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 40  | -10.44 | -0.004031 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 50  | -7.27  | -0.002807 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK | 41165 | 75RB#0 | NV | -30 | -9.01  | -0.003403 | ±2.5 | PASS |

|                       |       |       |       |        |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | -20 | -3.98  | -0.001503 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | -10 | -5.11  | -0.001930 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 0   | -4.89  | -0.001847 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 10  | -10.87 | -0.004106 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 20  | -7.78  | -0.002939 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 30  | -10.14 | -0.003830 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 40  | 9.41   | 0.003554  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 50  | -7.18  | -0.002712 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | -30 | -13.05 | -0.005133 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | -20 | -3.10  | -0.001219 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | -10 | -6.39  | -0.002513 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 0   | -6.34  | -0.002494 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 10  | -9.61  | -0.003780 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 20  | -7.27  | -0.002859 | ±2.5 | PASS |
| Band41                | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 30  | 6.21   | 0.002442  | ±2.5 | PASS |

|                       |       |       |       |        |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| (2535-2655)           |       |       |       |        |    |     |        |           |      |      |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 40  | -7.67  | -0.003017 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 50  | -11.04 | -0.004342 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | -30 | -7.10  | -0.002741 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | -20 | -15.32 | -0.005915 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | -10 | -10.04 | -0.003876 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 0   | -7.07  | -0.002730 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 10  | -6.02  | -0.002324 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 20  | -9.21  | -0.003556 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 30  | -11.97 | -0.004622 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 40  | 4.76   | 0.001838  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 50  | -6.21  | -0.002398 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0 | NV | -30 | 8.74   | 0.003301  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0 | NV | -20 | -15.74 | -0.005945 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0 | NV | -10 | -11.49 | -0.004340 | ±2.5 | PASS |

|                           |       |       |       |         |    |     |        |           |      |      |
|---------------------------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| 2655)                     |       |       |       |         |    |     |        |           |      |      |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 0   | 12.19  | 0.004604  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 10  | 5.66   | 0.002138  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 20  | 7.07   | 0.002670  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 30  | -6.65  | -0.002512 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 40  | 8.17   | 0.003086  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 50  | 10.11  | 0.003819  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | -30 | -7.20  | -0.002829 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | -20 | 4.69   | 0.001843  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | -10 | -10.77 | -0.004232 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 0   | -13.88 | -0.005454 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 10  | 10.26  | 0.004031  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 20  | -6.57  | -0.002582 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 30  | -4.48  | -0.001760 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 40  | 11.86  | 0.004660  | ±2.5 | PASS |

|                       |       |      |       |         |    |     |        |           |      |      |
|-----------------------|-------|------|-------|---------|----|-----|--------|-----------|------|------|
| Band41<br>(2535-2655) | 20MHz | QPSK | 40140 | 100RB#0 | NV | 50  | -13.29 | -0.005222 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | -30 | -11.36 | -0.004386 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | -20 | -7.28  | -0.002811 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | -10 | -11.47 | -0.004429 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 0   | -9.98  | -0.003853 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 10  | -14.69 | -0.005672 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 20  | -13.98 | -0.005398 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 30  | -13.58 | -0.005243 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 40  | -8.78  | -0.003390 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 50  | -10.44 | -0.004031 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 41140 | 100RB#0 | NV | -30 | -8.37  | -0.003164 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 41140 | 100RB#0 | NV | -20 | -14.25 | -0.005388 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 41140 | 100RB#0 | NV | -10 | -9.43  | -0.003565 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK | 41140 | 100RB#0 | NV | 0   | -10.53 | -0.003981 | ±2.5 | PASS |
| Band41                | 20MHz | QPSK | 41140 | 100RB#0 | NV | 10  | 10.96  | 0.004144  | ±2.5 | PASS |

|                       |       |       |       |         |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| (2535-2655)           |       |       |       |         |    |     |        |           |      |      |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 20  | -7.68  | -0.002904 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 30  | 6.07   | 0.002295  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 40  | -12.37 | -0.004677 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 50  | -12.90 | -0.004877 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | -30 | -6.87  | -0.002699 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | -20 | -12.96 | -0.005092 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | -10 | -9.06  | -0.003560 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 0   | -5.75  | -0.002259 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 10  | -8.64  | -0.003395 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 20  | -8.78  | -0.003450 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 30  | -7.67  | -0.003014 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 40  | -6.72  | -0.002640 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 50  | -3.40  | -0.001336 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | -30 | -7.37  | -0.002846 | ±2.5 | PASS |

|                           |       |       |       |         |    |     |        |           |      |      |
|---------------------------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| 2655)                     |       |       |       |         |    |     |        |           |      |      |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | -20 | -3.66  | -0.001413 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | -10 | -8.48  | -0.003274 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 0   | -12.62 | -0.004873 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 10  | -8.83  | -0.003409 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 20  | -10.87 | -0.004197 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 30  | -4.71  | -0.001819 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 40  | -8.23  | -0.003178 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 50  | -11.22 | -0.004332 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | -30 | -10.87 | -0.004110 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | -20 | -9.58  | -0.003622 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | -10 | -10.30 | -0.003894 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 0   | 4.18   | 0.001580  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 10  | -9.30  | -0.003516 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 20  | -14.09 | -0.005327 | ±2.5 | PASS |

|                           |       |       |       |         |    |    |        |           |      |      |
|---------------------------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 30 | -11.76 | -0.004446 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 40 | -13.30 | -0.005028 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 50 | -4.66  | -0.001762 | ±2.5 | PASS |