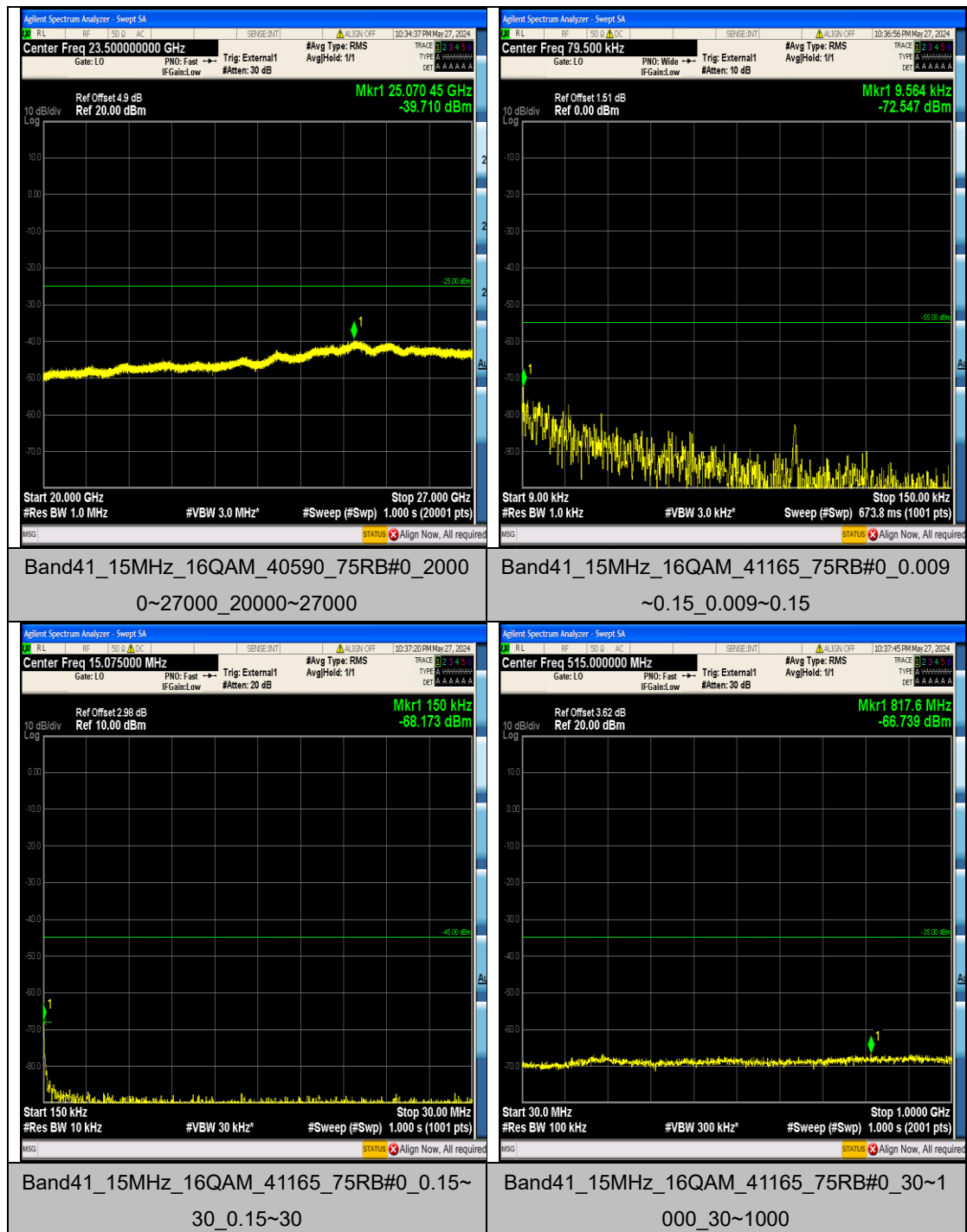
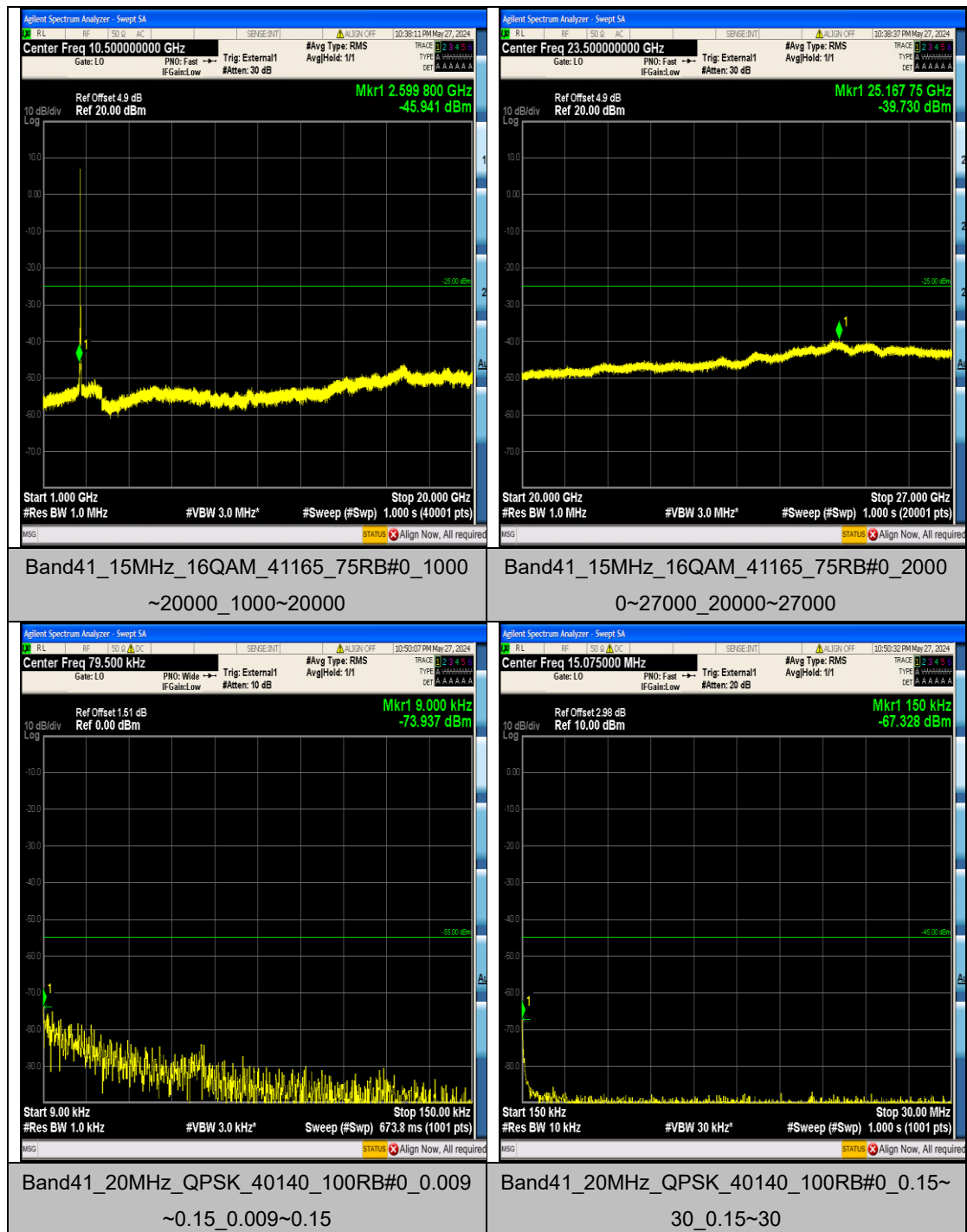
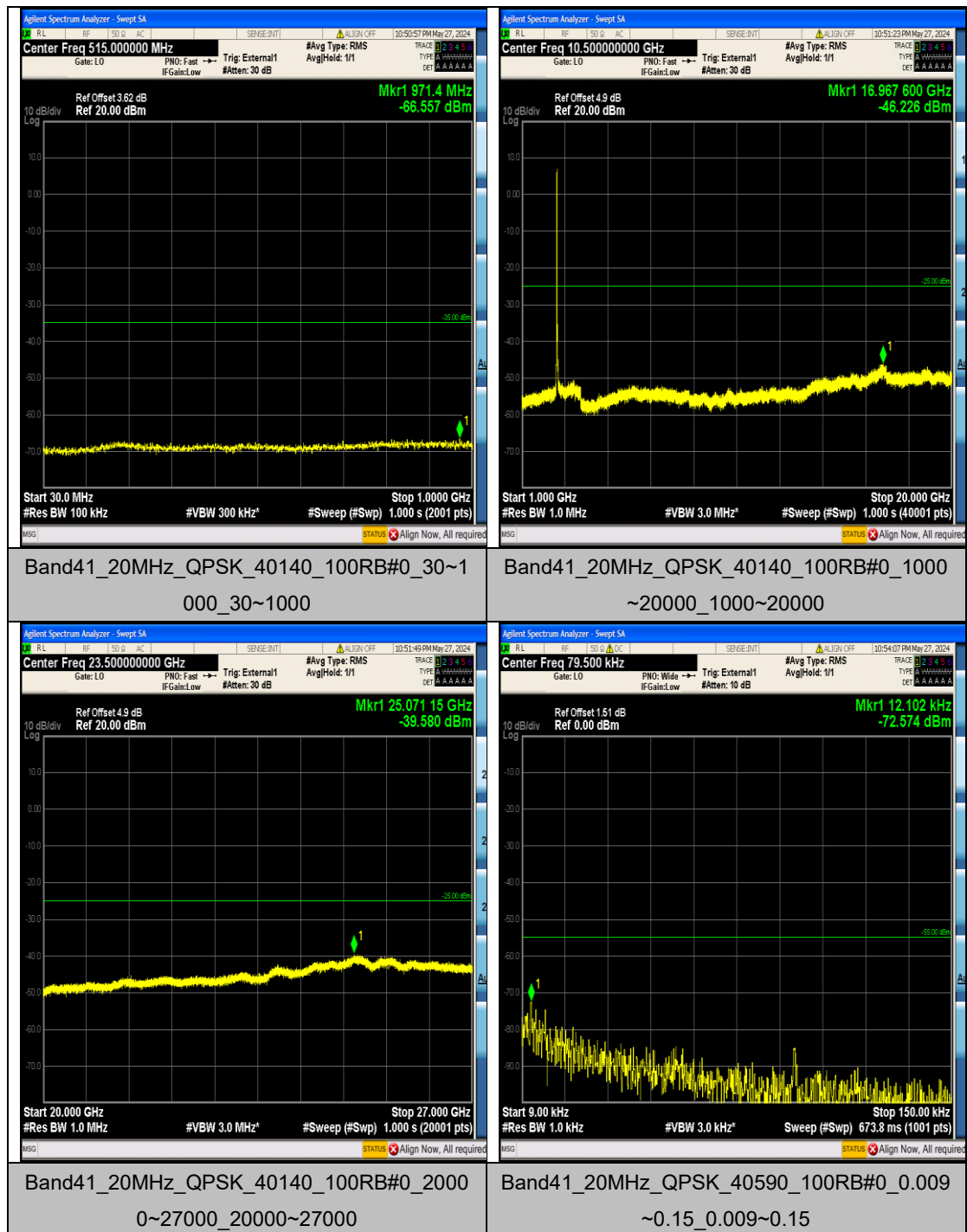
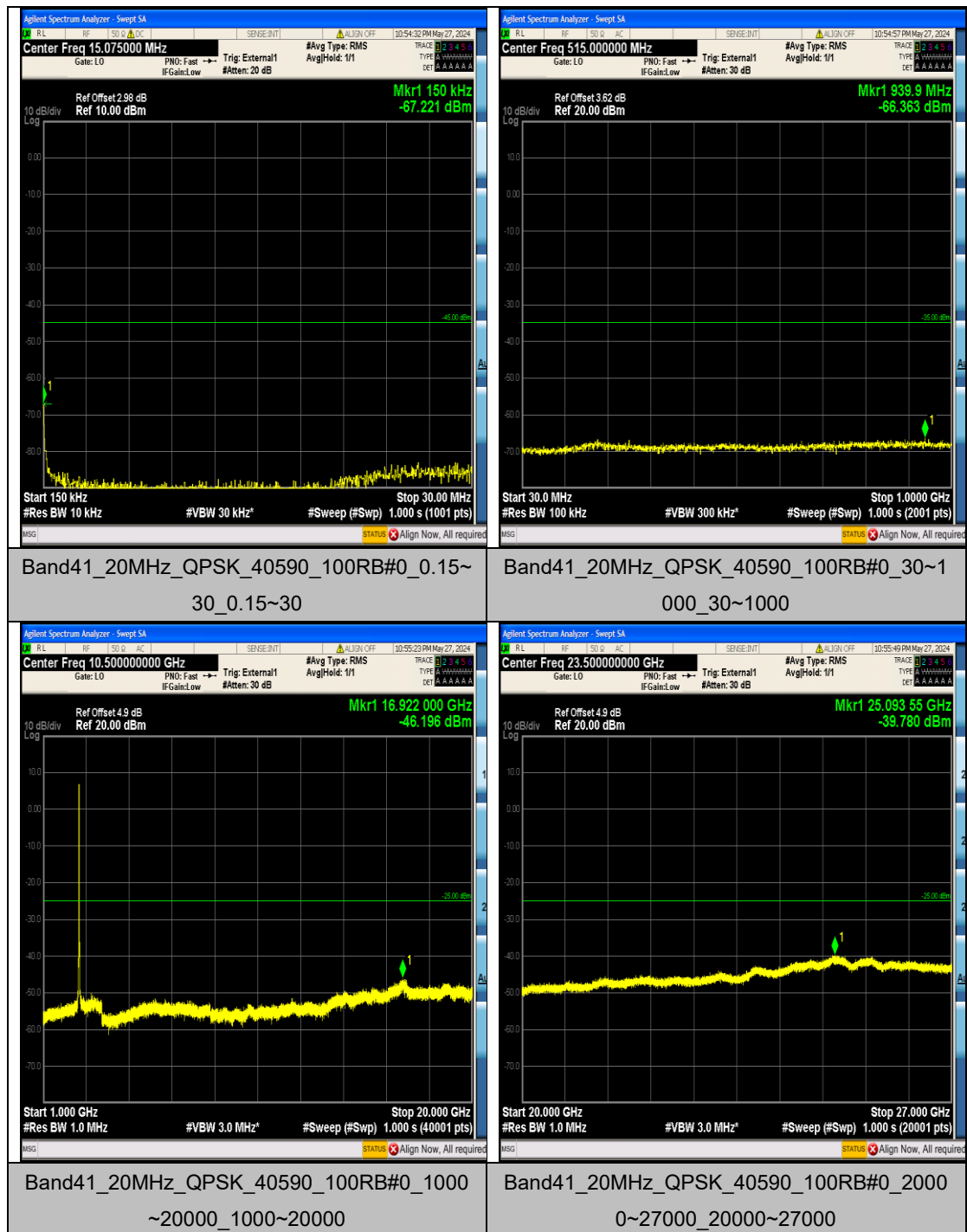
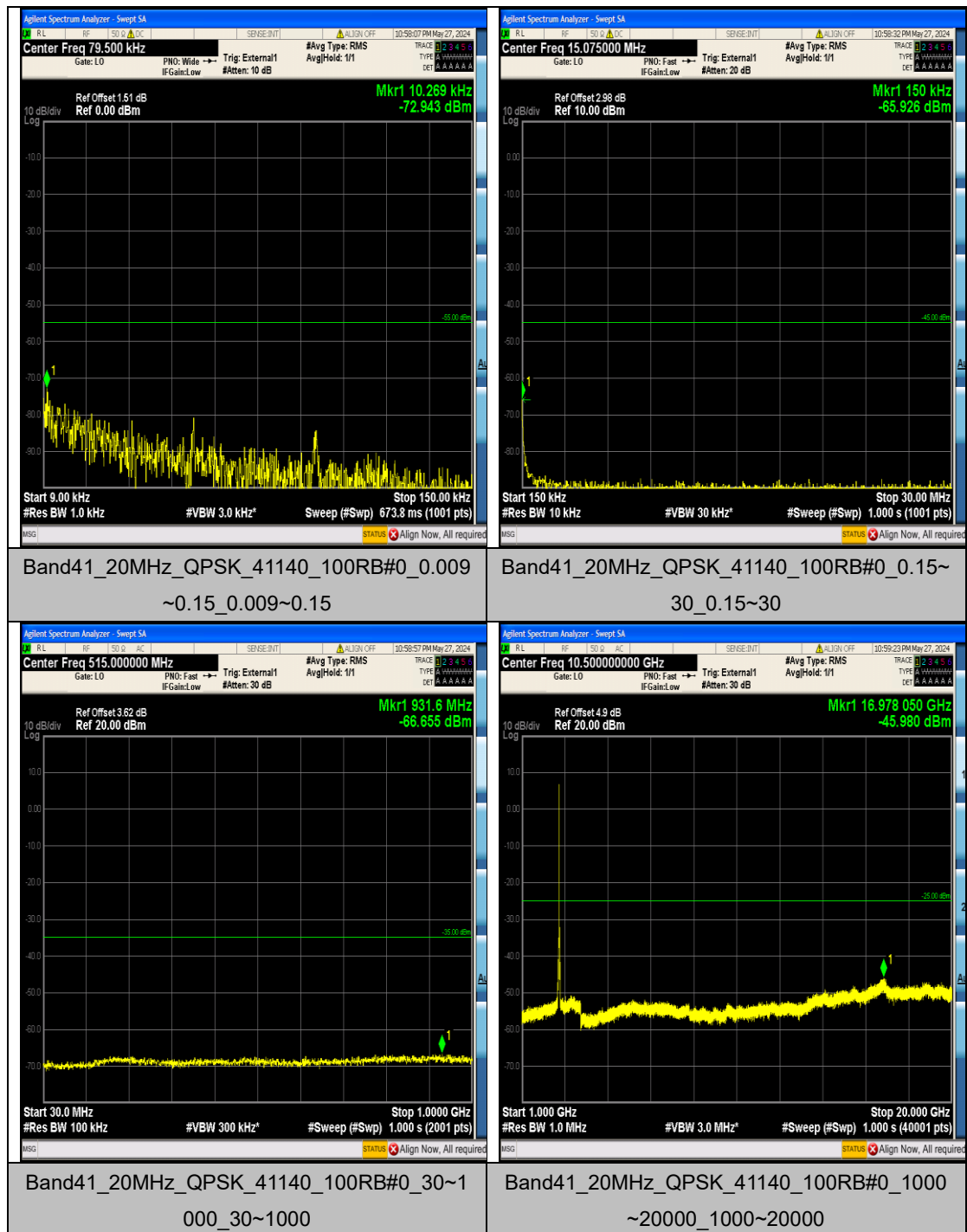


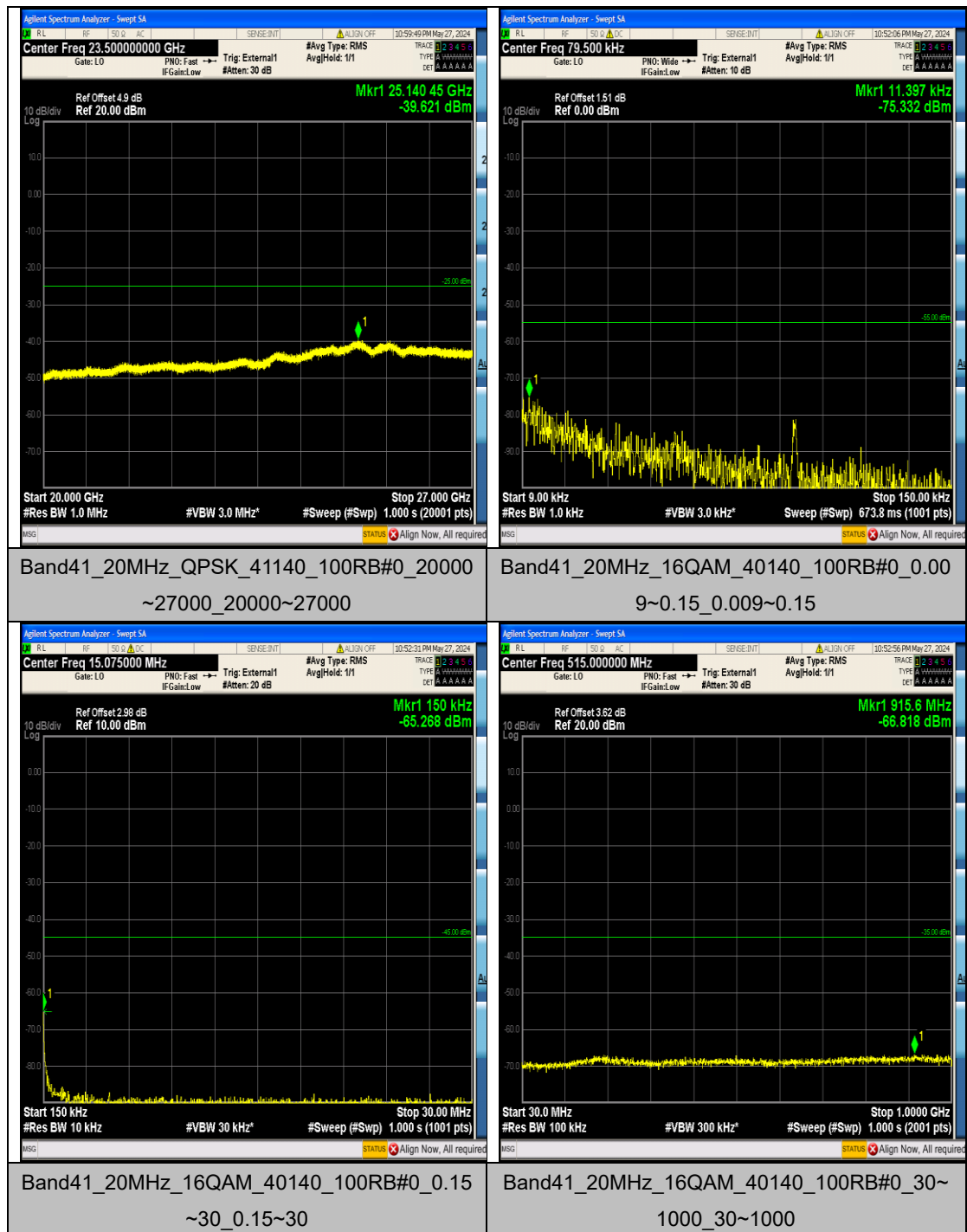


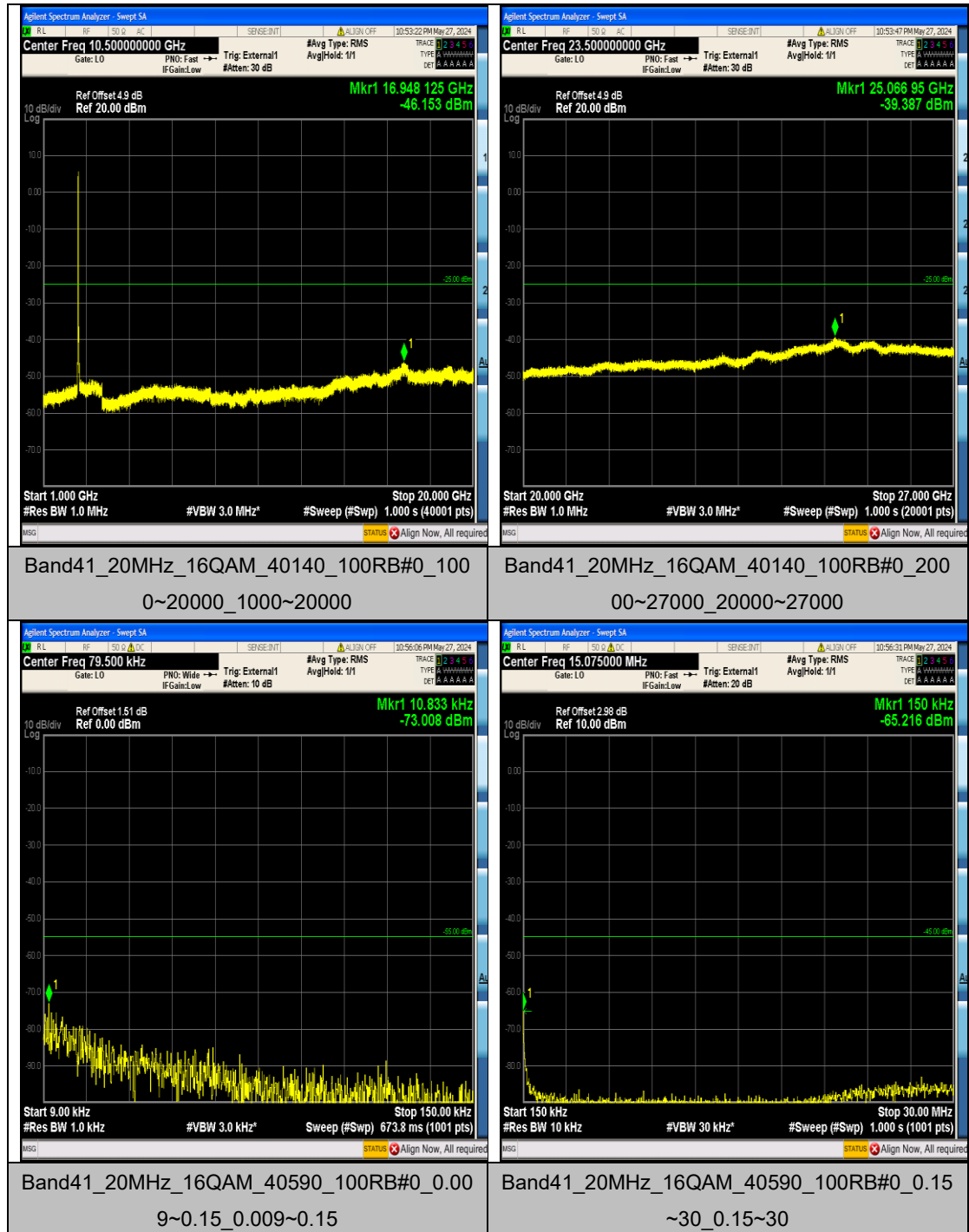


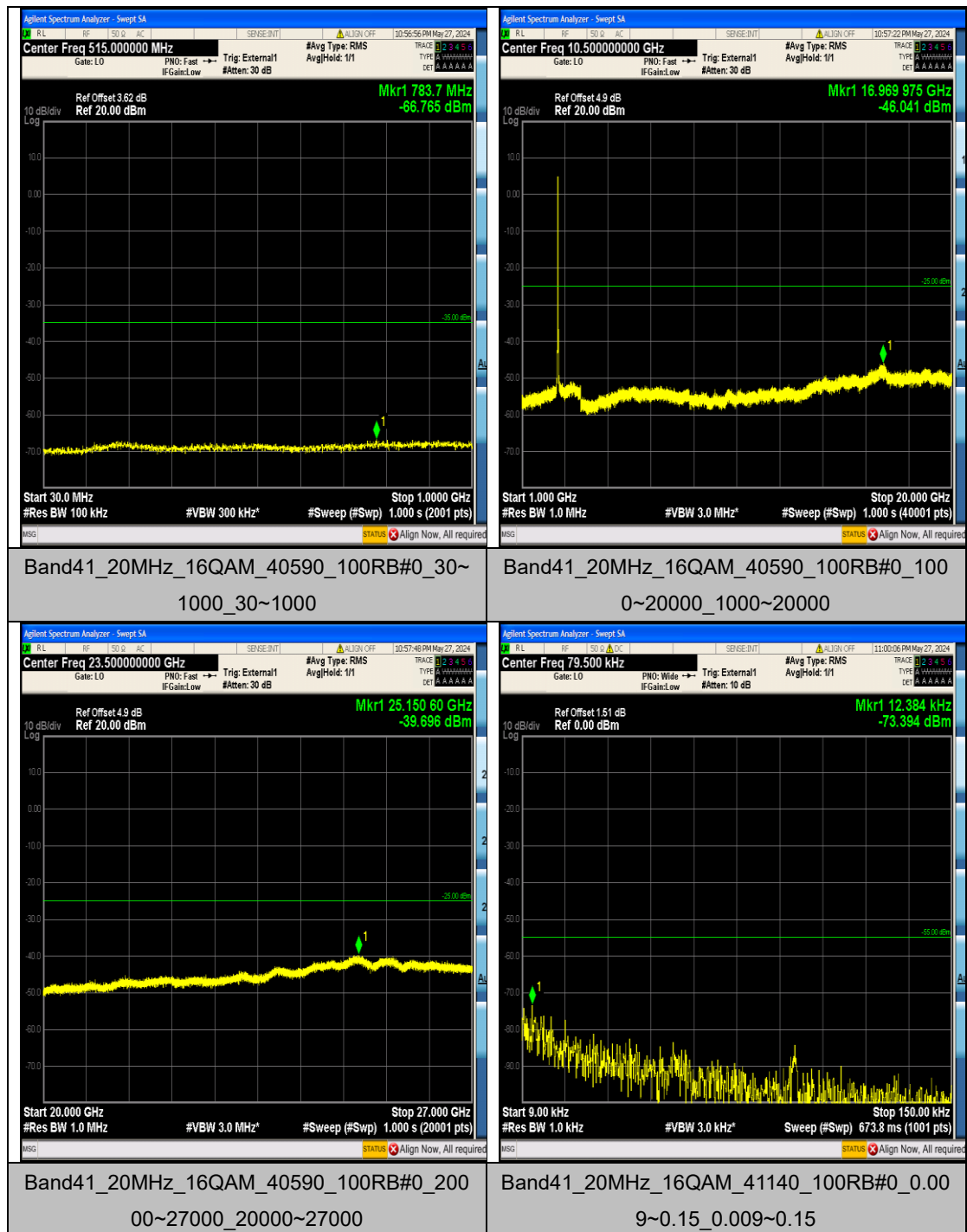


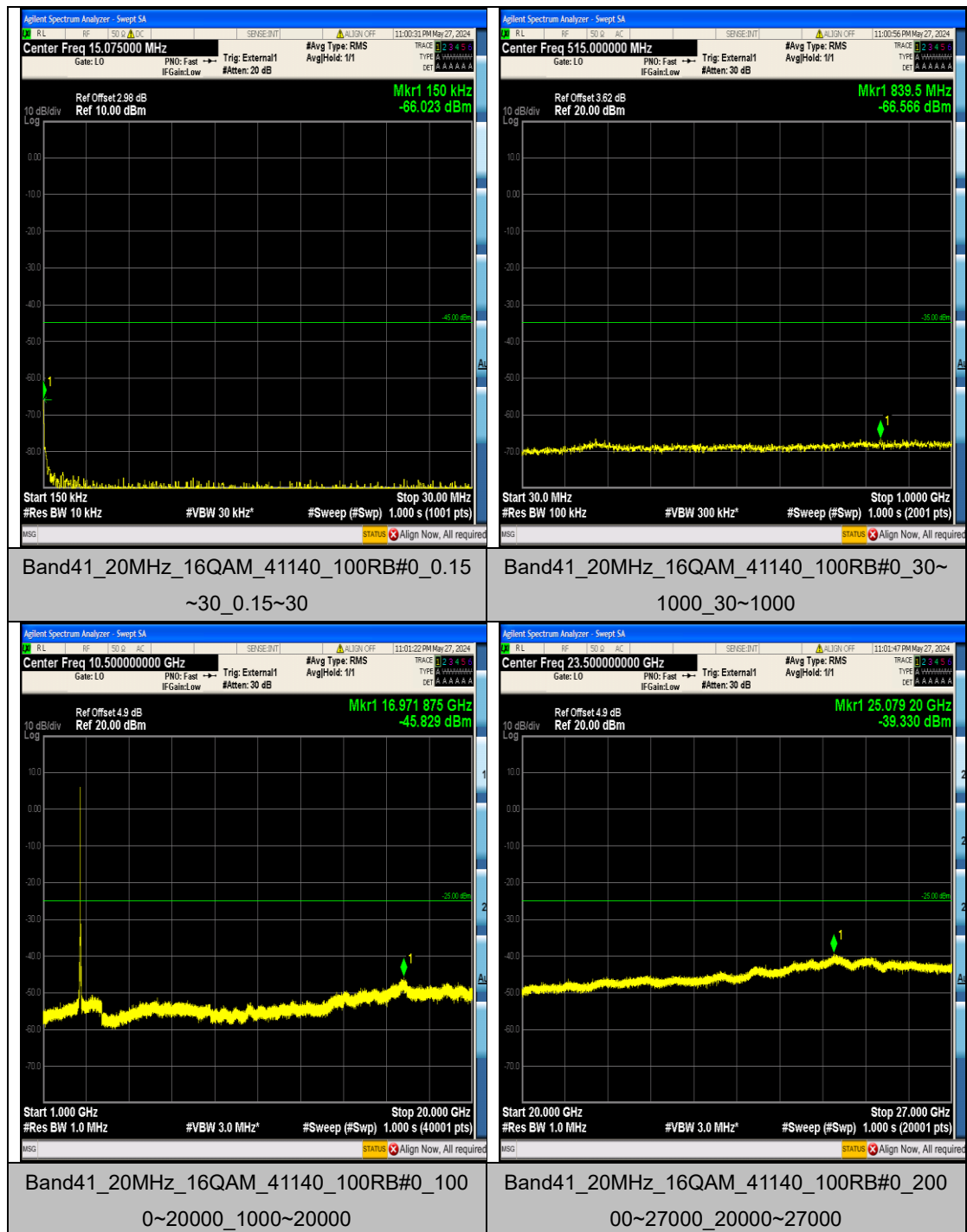












## Appendix F: Frequency Stability

### 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              | -11.33         | -0.004465       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | -20              | -18.67         | -0.007358       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | -10              | -9.46          | -0.003728       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 0                | -7.00          | -0.002759       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 10               | -18.78         | -0.007401       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 20               | -18.53         | -0.007302       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 30               | -14.02         | -0.005525       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 40               | -16.68         | -0.006573       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40065   | 25RB#0       | NV            | 50               | -16.11         | -0.006349       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40590   | 25RB#0       | NV            | -30              | -6.79          | -0.002622       | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40590   | 25RB#0       | NV            | -20              | 12.76          | 0.004927        | ±2.5        | PASS    |
| Band41<br>(2535-2655) | 5MHz      | QPSK       | 40590   | 25RB#0       | NV            | -10              | 16.35          | 0.006313        | ±2.5        | PASS    |

|                           |      |      |       |        |    |     |        |           |      |      |
|---------------------------|------|------|-------|--------|----|-----|--------|-----------|------|------|
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 0   | 14.52  | 0.005606  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 10  | 17.05  | 0.006583  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 20  | 17.11  | 0.006606  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 30  | 5.99   | 0.002313  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 40  | 13.56  | 0.005236  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 40590 | 25RB#0 | NV | 50  | 20.24  | 0.007815  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | -30 | 9.63   | 0.003631  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | -20 | -9.77  | -0.003683 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | -10 | 4.63   | 0.001746  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | 0   | -14.00 | -0.005278 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | 10  | -8.83  | -0.003329 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | 20  | -9.28  | -0.003499 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | 30  | -12.09 | -0.004558 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz | QPSK | 41215 | 25RB#0 | NV | 40  | -8.53  | -0.003216 | ±2.5 | PASS |
| Band41                    | 5MHz | QPSK | 41215 | 25RB#0 | NV | 50  | -11.89 | -0.004483 | ±2.5 | PASS |

|                       |      |       |       |        |    |     |        |           |      |      |
|-----------------------|------|-------|-------|--------|----|-----|--------|-----------|------|------|
| (2535-2655)           |      |       |       |        |    |     |        |           |      |      |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | -30 | -13.60 | -0.005360 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | -20 | -23.75 | -0.009360 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | -10 | -27.19 | -0.010715 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 0   | -16.24 | -0.006400 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 10  | -26.08 | -0.010278 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 20  | -26.14 | -0.010301 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 30  | -18.01 | -0.007098 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 40  | -19.37 | -0.007633 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40065 | 25RB#0 | NV | 50  | -26.21 | -0.010329 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | -30 | 9.24   | 0.003568  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | -20 | 16.74  | 0.006463  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | -10 | 16.82  | 0.006494  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | 0   | 15.96  | 0.006162  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 5MHz | 16QAM | 40590 | 25RB#0 | NV | 10  | 16.21  | 0.006259  | ±2.5 | PASS |

|                           |       |       |       |        |    |     |        |           |      |      |
|---------------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| 2655)                     |       |       |       |        |    |     |        |           |      |      |
| Band41<br>(2535-<br>2655) | 5MHz  | 16QAM | 40590 | 25RB#0 | NV | 20  | 19.78  | 0.007637  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz  | 16QAM | 40590 | 25RB#0 | NV | 30  | 14.72  | 0.005683  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz  | 16QAM | 40590 | 25RB#0 | NV | 40  | 21.34  | 0.008239  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz  | 16QAM | 40590 | 25RB#0 | NV | 50  | 18.80  | 0.007259  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | -30 | -13.85 | -0.005221 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | -20 | -11.57 | -0.004362 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | -10 | -15.25 | -0.005749 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 0   | -16.28 | -0.006138 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 10  | -20.27 | -0.007642 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 20  | -13.16 | -0.004961 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 30  | -19.27 | -0.007265 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 40  | -19.23 | -0.007250 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 5MHz  | 16QAM | 41215 | 25RB#0 | NV | 50  | -9.68  | -0.003649 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | QPSK  | 40090 | 50RB#0 | NV | -30 | -10.19 | -0.004012 | ±2.5 | PASS |

|                       |       |      |       |        |    |     |        |           |      |      |
|-----------------------|-------|------|-------|--------|----|-----|--------|-----------|------|------|
| Band41<br>(2535-2655) | 10MHz | QPSK | 40090 | 50RB#0 | NV | -20 | -9.67  | -0.003807 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40090 | 50RB#0 | NV | -10 | -8.14  | -0.003205 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40090 | 50RB#0 | NV | 0   | -8.80  | -0.003465 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40090 | 50RB#0 | NV | 10  | -8.77  | -0.003453 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40090 | 50RB#0 | NV | 20  | -6.64  | -0.002614 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40090 | 50RB#0 | NV | 30  | -6.07  | -0.002390 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40090 | 50RB#0 | NV | 40  | -7.38  | -0.002906 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40090 | 50RB#0 | NV | 50  | -10.83 | -0.004264 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40590 | 50RB#0 | NV | -30 | -9.74  | -0.003761 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40590 | 50RB#0 | NV | -20 | -14.96 | -0.005776 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40590 | 50RB#0 | NV | -10 | -5.92  | -0.002286 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40590 | 50RB#0 | NV | 0   | -12.82 | -0.004950 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40590 | 50RB#0 | NV | 10  | -7.97  | -0.003077 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40590 | 50RB#0 | NV | 20  | -12.60 | -0.004865 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK | 40590 | 50RB#0 | NV | 30  | -9.30  | -0.003591 | ±2.5 | PASS |

|                       |       |       |       |        |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| (2535-2655)           |       |       |       |        |    |     |        |           |      |      |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 40590 | 50RB#0 | NV | 40  | -14.68 | -0.005668 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 40590 | 50RB#0 | NV | 50  | -14.00 | -0.005405 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | -30 | -9.13  | -0.003445 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | -20 | -5.56  | -0.002098 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | -10 | -6.14  | -0.002317 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 0   | -9.43  | -0.003558 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 10  | -3.38  | -0.001275 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 20  | -3.76  | -0.001419 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 30  | -10.29 | -0.003883 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 40  | -8.35  | -0.003151 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | QPSK  | 41190 | 50RB#0 | NV | 50  | -4.65  | -0.001755 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | -30 | -8.78  | -0.003457 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | -20 | -12.13 | -0.004776 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | -10 | -12.62 | -0.004969 | ±2.5 | PASS |

|                           |       |       |       |        |    |     |        |           |      |      |
|---------------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| 2655)                     |       |       |       |        |    |     |        |           |      |      |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 0   | -13.16 | -0.005181 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 10  | -9.68  | -0.003811 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 20  | -8.07  | -0.003177 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 30  | -15.01 | -0.005909 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 40  | -14.39 | -0.005665 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40090 | 50RB#0 | NV | 50  | -11.24 | -0.004425 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | -30 | -7.40  | -0.002857 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | -20 | -6.91  | -0.002668 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | -10 | -7.77  | -0.003000 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 0   | -11.23 | -0.004336 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 10  | -10.93 | -0.004220 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 20  | -8.91  | -0.003440 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 30  | -8.90  | -0.003436 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 40  | -2.49  | -0.000961 | ±2.5 | PASS |

|                       |       |       |       |        |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band41<br>(2535-2655) | 10MHz | 16QAM | 40590 | 50RB#0 | NV | 50  | -7.30  | -0.002819 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | -30 | -12.57 | -0.004743 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | -20 | -10.86 | -0.004098 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | -10 | -9.88  | -0.003728 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 0   | -10.20 | -0.003849 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 10  | -7.40  | -0.002792 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 20  | 6.64   | 0.002506  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 30  | 3.52   | 0.001328  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 40  | -10.71 | -0.004042 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 10MHz | 16QAM | 41190 | 50RB#0 | NV | 50  | -6.29  | -0.002374 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 40115 | 75RB#0 | NV | -30 | -6.92  | -0.002722 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 40115 | 75RB#0 | NV | -20 | -5.41  | -0.002128 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 40115 | 75RB#0 | NV | -10 | -7.04  | -0.002769 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK  | 40115 | 75RB#0 | NV | 0   | -5.06  | -0.001990 | ±2.5 | PASS |
| Band41                | 15MHz | QPSK  | 40115 | 75RB#0 | NV | 10  | -6.11  | -0.002403 | ±2.5 | PASS |

|                       |       |      |       |        |    |     |        |           |      |      |
|-----------------------|-------|------|-------|--------|----|-----|--------|-----------|------|------|
| (2535-2655)           |       |      |       |        |    |     |        |           |      |      |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40115 | 75RB#0 | NV | 20  | -9.77  | -0.003843 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40115 | 75RB#0 | NV | 30  | -6.44  | -0.002533 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40115 | 75RB#0 | NV | 40  | -6.08  | -0.002391 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40115 | 75RB#0 | NV | 50  | -10.26 | -0.004035 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | -30 | -11.59 | -0.004475 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | -20 | -13.18 | -0.005089 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | -10 | -16.11 | -0.006220 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 0   | -13.06 | -0.005042 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 10  | -10.79 | -0.004166 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 20  | -13.13 | -0.005069 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 30  | -10.10 | -0.003900 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 40  | -6.47  | -0.002498 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 40590 | 75RB#0 | NV | 50  | -10.44 | -0.004031 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | QPSK | 41165 | 75RB#0 | NV | -30 | -6.71  | -0.002534 | ±2.5 | PASS |

|                           |       |       |       |        |    |     |        |           |      |      |
|---------------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| 2655)                     |       |       |       |        |    |     |        |           |      |      |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | -20 | -19.73 | -0.007452 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | -10 | -9.17  | -0.003464 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 0   | -10.24 | -0.003868 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 10  | -15.05 | -0.005685 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 20  | -9.94  | -0.003754 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 30  | -10.50 | -0.003966 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 40  | -12.59 | -0.004755 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | QPSK  | 41165 | 75RB#0 | NV | 50  | -14.92 | -0.005636 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | -30 | 7.07   | 0.002781  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | -20 | -9.90  | -0.003894 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | -10 | 4.68   | 0.001841  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 0   | -10.10 | -0.003972 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 10  | 5.35   | 0.002104  | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 20  | -8.97  | -0.003528 | ±2.5 | PASS |

|                       |       |       |       |        |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 30  | -3.71  | -0.001459 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 40  | -4.58  | -0.001801 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40115 | 75RB#0 | NV | 50  | -7.55  | -0.002970 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | -30 | -14.20 | -0.005483 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | -20 | -11.16 | -0.004309 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | -10 | -8.11  | -0.003131 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 0   | -8.94  | -0.003452 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 10  | -4.73  | -0.001826 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 20  | -8.67  | -0.003347 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 30  | -4.31  | -0.001664 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 40  | -5.85  | -0.002259 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 40590 | 75RB#0 | NV | 50  | -10.63 | -0.004104 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0 | NV | -30 | -9.61  | -0.003630 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0 | NV | -20 | -18.34 | -0.006927 | ±2.5 | PASS |
| Band41                | 15MHz | 16QAM | 41165 | 75RB#0 | NV | -10 | -13.28 | -0.005016 | ±2.5 | PASS |

|                       |       |       |       |         |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| (2535-2655)           |       |       |       |         |    |     |        |           |      |      |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 0   | -12.07 | -0.004559 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 10  | -10.94 | -0.004132 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 20  | -12.92 | -0.004880 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 30  | -14.52 | -0.005484 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 40  | -10.20 | -0.003853 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 15MHz | 16QAM | 41165 | 75RB#0  | NV | 50  | -11.33 | -0.004280 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | -30 | 3.92   | 0.001540  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | -20 | -9.66  | -0.003796 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | -10 | 4.16   | 0.001635  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 0   | -10.99 | -0.004318 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 10  | -5.12  | -0.002012 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 20  | -8.67  | -0.003407 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 30  | -4.02  | -0.001580 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 40140 | 100RB#0 | NV | 40  | -8.38  | -0.003293 | ±2.5 | PASS |

|                           |       |      |       |         |    |     |        |           |      |      |
|---------------------------|-------|------|-------|---------|----|-----|--------|-----------|------|------|
| 2655)                     |       |      |       |         |    |     |        |           |      |      |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK | 40140 | 100RB#0 | NV | 50  | -3.83  | -0.001505 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | -30 | -12.06 | -0.004656 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | -20 | -8.41  | -0.003247 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | -10 | -11.79 | -0.004552 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 0   | -7.54  | -0.002911 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 10  | -9.23  | -0.003564 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 20  | -11.76 | -0.004541 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 30  | -8.38  | -0.003236 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 40  | -5.99  | -0.002313 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK | 40590 | 100RB#0 | NV | 50  | -12.67 | -0.004892 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK | 41140 | 100RB#0 | NV | -30 | -13.75 | -0.005198 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK | 41140 | 100RB#0 | NV | -20 | -14.29 | -0.005403 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK | 41140 | 100RB#0 | NV | -10 | -16.31 | -0.006166 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | QPSK | 41140 | 100RB#0 | NV | 0   | -14.49 | -0.005478 | ±2.5 | PASS |

|                       |       |       |       |         |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band41<br>(2535-2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 10  | -16.79 | -0.006348 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 20  | -15.75 | -0.005955 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 30  | -12.62 | -0.004771 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 40  | -17.92 | -0.006775 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | QPSK  | 41140 | 100RB#0 | NV | 50  | -14.78 | -0.005588 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | -30 | -10.31 | -0.004051 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | -20 | -4.78  | -0.001878 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | -10 | -4.85  | -0.001906 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 0   | -5.08  | -0.001996 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 10  | -6.69  | -0.002629 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 20  | -6.24  | -0.002452 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 30  | -6.64  | -0.002609 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 40  | 3.66   | 0.001438  | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40140 | 100RB#0 | NV | 50  | -9.86  | -0.003874 | ±2.5 | PASS |
| Band41                | 20MHz | 16QAM | 40590 | 100RB#0 | NV | -30 | -6.54  | -0.002525 | ±2.5 | PASS |

|                       |       |       |       |         |    |     |        |           |      |      |
|-----------------------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| (2535-2655)           |       |       |       |         |    |     |        |           |      |      |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | -20 | -5.98  | -0.002309 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | -10 | -7.14  | -0.002757 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 0   | -8.25  | -0.003185 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 10  | -6.01  | -0.002320 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 20  | -8.21  | -0.003170 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 30  | -12.53 | -0.004838 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 40  | -6.98  | -0.002695 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 40590 | 100RB#0 | NV | 50  | -10.16 | -0.003923 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | -30 | -10.56 | -0.003992 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | -20 | -6.44  | -0.002435 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | -10 | -8.58  | -0.003244 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 0   | -6.74  | -0.002548 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 10  | -11.27 | -0.004261 | ±2.5 | PASS |
| Band41<br>(2535-2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 20  | -7.44  | -0.002813 | ±2.5 | PASS |

|                           |       |       |       |         |    |    |       |           |      |      |
|---------------------------|-------|-------|-------|---------|----|----|-------|-----------|------|------|
| 2655)                     |       |       |       |         |    |    |       |           |      |      |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 30 | -7.97 | -0.003013 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 40 | -4.48 | -0.001694 | ±2.5 | PASS |
| Band41<br>(2535-<br>2655) | 20MHz | 16QAM | 41140 | 100RB#0 | NV | 50 | -8.18 | -0.003093 | ±2.5 | PASS |