

LTE Band 17 Test Data

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1. Effective (Isotropic) Radiated Power Output Data

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Gain (dB) | ERP (dBm) | ERP Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|-----------|-----------|-----------------|---------|
| Band17 | 5MHz | QPSK | 23755 | 1RB#0 | 22.95 | -8.0 | 12.80 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 1RB#12 | 22.70 | -8.0 | 12.55 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 1RB#24 | 22.63 | -8.0 | 12.48 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 12RB#0 | 22.66 | -8.0 | 12.51 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 12RB#6 | 22.71 | -8.0 | 12.56 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 12RB#13 | 23.10 | -8.0 | 12.95 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | 22.72 | -8.0 | 12.57 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 1RB#0 | 22.82 | -8.0 | 12.67 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 1RB#12 | 23.00 | -8.0 | 12.85 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 1RB#24 | 22.81 | -8.0 | 12.66 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 12RB#0 | 23.21 | -8.0 | 13.06 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 12RB#6 | 22.94 | -8.0 | 12.79 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 12RB#13 | 22.94 | -8.0 | 12.79 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | 23.46 | -8.0 | 13.31 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 1RB#0 | 22.99 | -8.0 | 12.84 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 1RB#12 | 23.28 | -8.0 | 13.13 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 1RB#24 | 22.83 | -8.0 | 12.68 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 12RB#0 | 23.47 | -8.0 | 13.32 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 12RB#6 | 22.71 | -8.0 | 12.56 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 12RB#13 | 23.40 | -8.0 | 13.25 | 34.77 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | 23.35 | -8.0 | 13.20 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 1RB#0 | 22.60 | -8.0 | 12.45 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 1RB#12 | 23.21 | -8.0 | 13.06 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 1RB#24 | 23.41 | -8.0 | 13.26 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 12RB#0 | 23.22 | -8.0 | 13.07 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 12RB#6 | 23.14 | -8.0 | 12.99 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 12RB#13 | 22.97 | -8.0 | 12.82 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | 22.97 | -8.0 | 12.82 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 1RB#0 | 22.68 | -8.0 | 12.53 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 1RB#12 | 23.15 | -8.0 | 13.00 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 1RB#24 | 22.65 | -8.0 | 12.50 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 12RB#0 | 22.60 | -8.0 | 12.45 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 12RB#6 | 23.46 | -8.0 | 13.31 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 12RB#13 | 22.83 | -8.0 | 12.68 | 34.77 | PASS |

| | | | | | | | | | |
|--------|-------|-------|-------|---------|--------------|------|-------|-------|------|
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | 23.36 | -8.0 | 13.21 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 1RB#0 | 22.51 | -8.0 | 12.36 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 1RB#12 | 22.58 | -8.0 | 12.43 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 1RB#24 | 23.32 | -8.0 | 13.17 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 12RB#0 | 23.36 | -8.0 | 13.21 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 12RB#6 | 22.72 | -8.0 | 12.57 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 12RB#13 | 22.97 | -8.0 | 12.82 | 34.77 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | 23.03 | -8.0 | 12.88 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 1RB#0 | 22.81 | -8.0 | 12.66 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 1RB#24 | 23.15 | -8.0 | 13.00 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 1RB#49 | 22.69 | -8.0 | 12.54 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 25RB#0 | 22.64 | -8.0 | 12.49 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 25RB#12 | 23.26 | -8.0 | 13.11 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 25RB#25 | 22.52 | -8.0 | 12.37 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | 23.33 | -8.0 | 13.18 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 1RB#0 | 23.17 | -8.0 | 13.02 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 1RB#24 | 22.95 | -8.0 | 12.80 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 1RB#49 | 23.01 | -8.0 | 12.86 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 25RB#0 | 22.85 | -8.0 | 12.70 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 25RB#12 | 23.17 | -8.0 | 13.02 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 25RB#25 | 22.85 | -8.0 | 12.70 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | 22.72 | -8.0 | 12.57 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 1RB#0 | 23.95 | -8.0 | 13.80 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 1RB#24 | 23.09 | -8.0 | 12.94 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 1RB#49 | 23.41 | -8.0 | 13.26 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 25RB#0 | 22.89 | -8.0 | 12.74 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 25RB#12 | 22.50 | -8.0 | 12.35 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 25RB#25 | 23.27 | -8.0 | 13.12 | 34.77 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | 22.63 | -8.0 | 12.48 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0 | 22.52 | -8.0 | 12.37 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#24 | 22.83 | -8.0 | 12.68 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#49 | 23.28 | -8.0 | 13.13 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#0 | 23.39 | -8.0 | 13.24 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#12 | 23.23 | -8.0 | 13.08 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#25 | 23.47 | -8.0 | 13.32 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 23.02 | -8.0 | 12.87 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0 | 22.99 | -8.0 | 12.84 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#24 | 22.95 | -8.0 | 12.80 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#49 | 22.61 | -8.0 | 12.46 | 34.77 | PASS |

| | | | | | | | | | |
|--------|-------|-------|-------|---------|--------------|------|-------|-------|------|
| Band17 | 10MHz | 16QAM | 23790 | 25RB#0 | 23.00 | -8.0 | 12.85 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#12 | 23.48 | -8.0 | 13.33 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#25 | 22.99 | -8.0 | 12.84 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 23.14 | -8.0 | 12.99 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0 | 23.84 | -8.0 | 13.69 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#24 | 23.31 | -8.0 | 13.16 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#49 | 22.85 | -8.0 | 12.70 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 25RB#0 | 22.87 | -8.0 | 12.72 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 25RB#12 | 22.70 | -8.0 | 12.55 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 25RB#25 | 23.44 | -8.0 | 13.29 | 34.77 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 23.43 | -8.0 | 13.28 | 34.77 | PASS |

ERP = Conducted Power + ANT Gain - 2.15

2. Peak-to-Average Ratio(CCDF)

Test Result

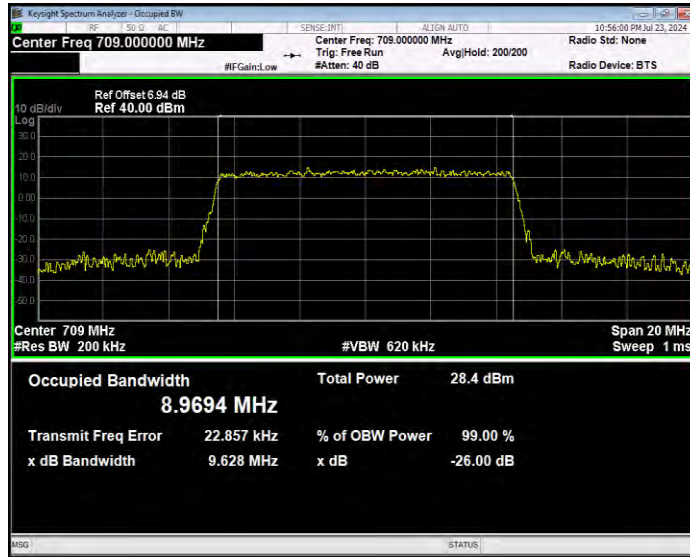
| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band17 | 5MHz | QPSK | 23755 | 1RB#0 | 4.91 | 13 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | 6.36 | 13 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 1RB#0 | 5.04 | 13 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | 6.12 | 13 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 1RB#0 | 5.42 | 13 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | 5.72 | 13 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 1RB#0 | 5.80 | 13 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | 6.68 | 13 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 1RB#0 | 4.56 | 13 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | 6.33 | 13 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 1RB#0 | 5.39 | 13 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | 6.94 | 13 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 1RB#0 | 5.06 | 13 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | 5.59 | 13 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 1RB#0 | 5.87 | 13 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | 6.75 | 13 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 1RB#0 | 5.05 | 13 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | 6.16 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0 | 6.08 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 6.14 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0 | 5.72 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 6.39 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0 | 5.83 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 6.98 | 13 | PASS |

3. 26dB Bandwidth and Occupied Bandwidth

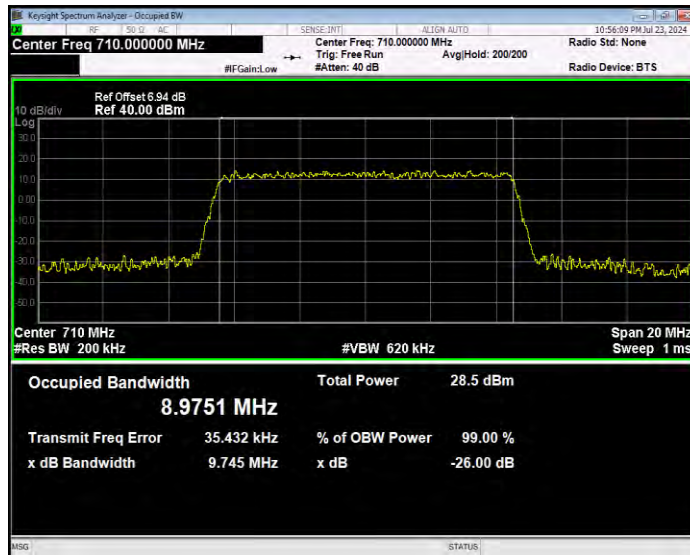
Test Result

| Band | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|--------|--------------------|---------------|------------|----------------|------------|------------------|--------------------|---------|
| Band17 | 5 | 23755 | 25 | #0 | QPSK | 4.456 | 4.879 | PASS |
| Band17 | 5 | 23755 | 25 | #0 | 16QAM | 4.471 | 4.882 | PASS |
| Band17 | 5 | 23790 | 25 | #0 | QPSK | 4.502 | 4.897 | PASS |
| Band17 | 5 | 23790 | 25 | #0 | 16QAM | 4.532 | 4.887 | PASS |
| Band17 | 5 | 23825 | 25 | #0 | QPSK | 4.497 | 4.845 | PASS |
| Band17 | 5 | 23825 | 25 | #0 | 16QAM | 4.515 | 4.892 | PASS |
| Band17 | 10 | 23780 | 50 | #0 | QPSK | 8.956 | 9.742 | PASS |
| Band17 | 10 | 23780 | 50 | #0 | 16QAM | 8.969 | 9.628 | PASS |
| Band17 | 10 | 23790 | 50 | #0 | QPSK | 8.991 | 9.653 | PASS |
| Band17 | 10 | 23790 | 50 | #0 | 16QAM | 8.975 | 9.745 | PASS |
| Band17 | 10 | 23800 | 50 | #0 | QPSK | 8.962 | 9.719 | PASS |
| Band17 | 10 | 23800 | 50 | #0 | 16QAM | 8.969 | 9.674 | PASS |

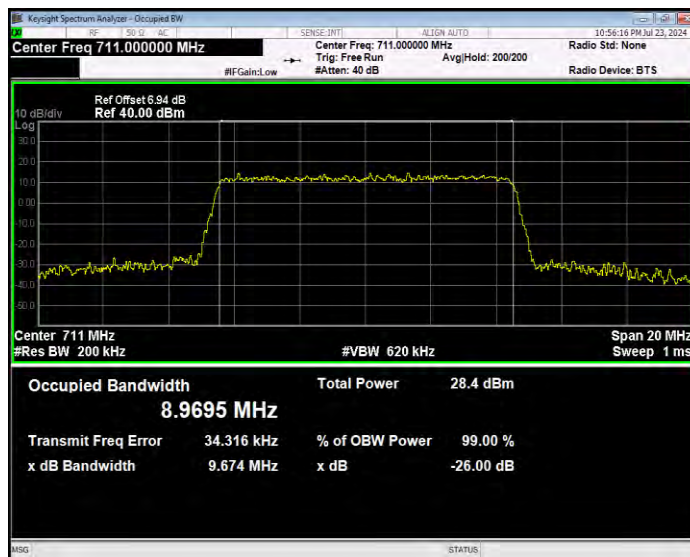
Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0



Band17 16QAM BW=10MHz Channel=23790 RB Size=50 Position=#0



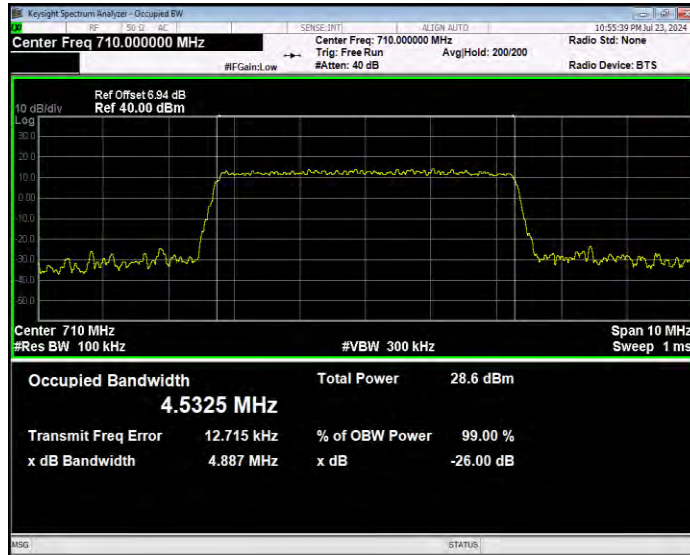
Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0



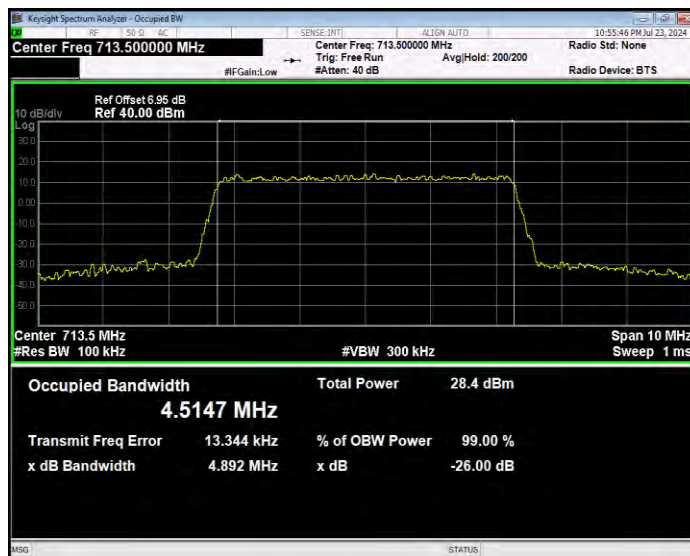
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0



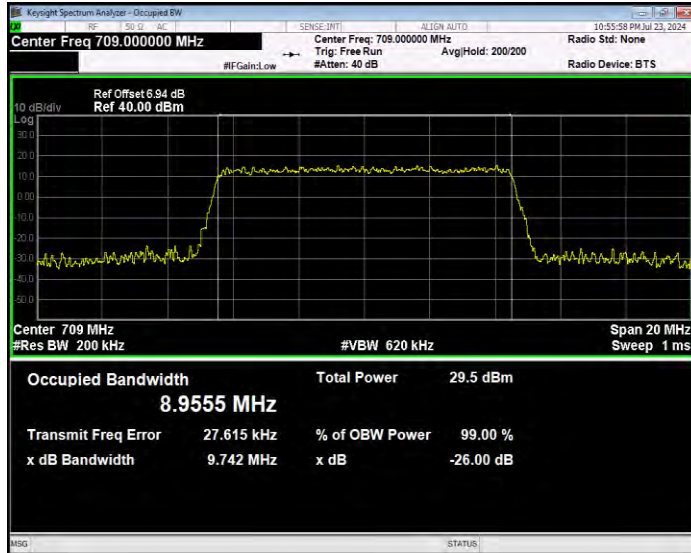
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



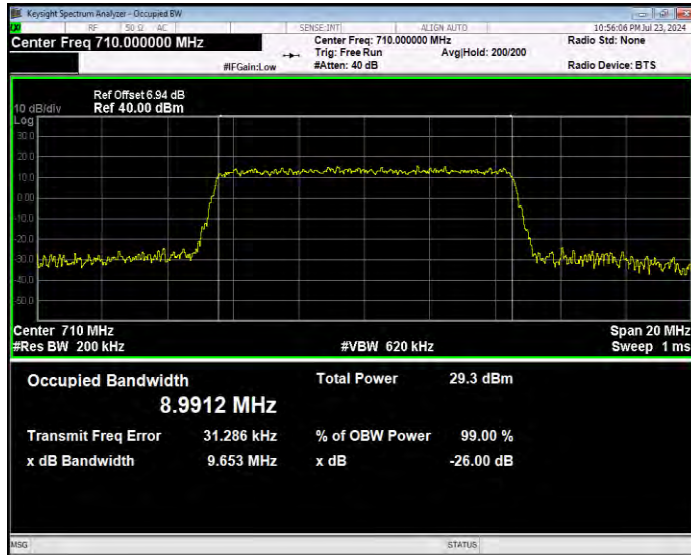
Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0



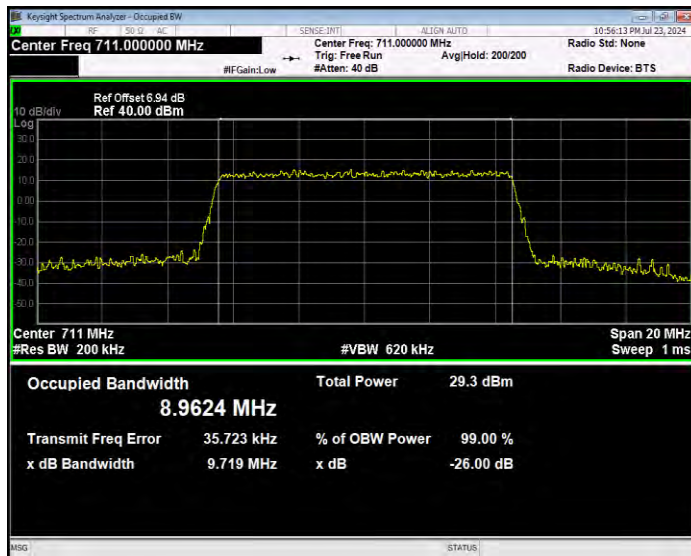
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



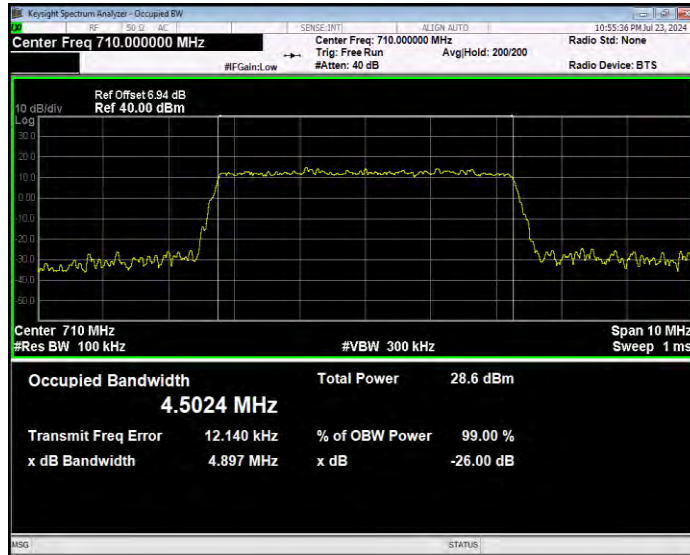
Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



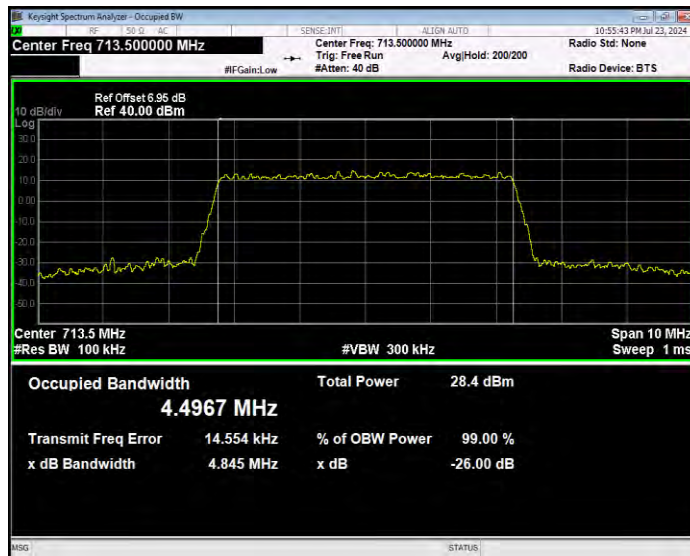
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



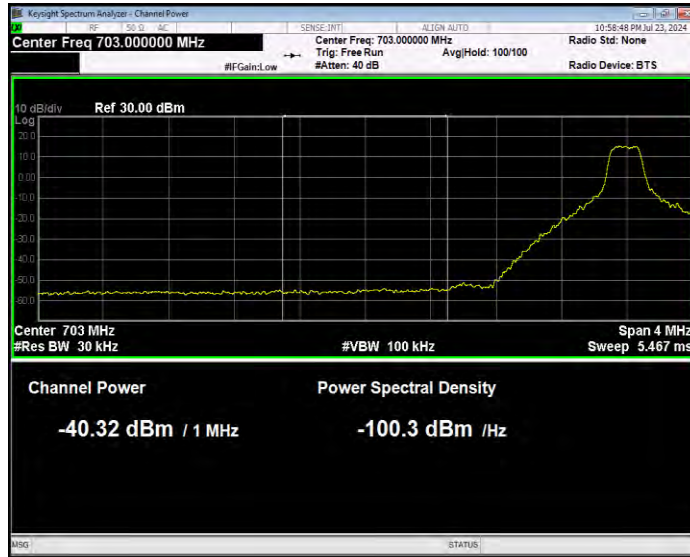
4. Band Edge

Test Result

| Band | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|--------|--------------------|---------------|------------|----------------|------------|--------------------|---------------------|----------------|---------|
| Band17 | 5 | 23755 | 1 | #0 | QPSK | 704.00 | -22.98 | -13 | PASS |
| Band17 | 5 | 23755 | 1 | #0 | QPSK | 703.00 | -37.55 | -13 | PASS |
| Band17 | 5 | 23755 | 1 | #Max | QPSK | 700.99 | -42.09 | -13 | PASS |
| Band17 | 5 | 23755 | 1 | #Max | QPSK | 703.00 | -40.51 | -13 | PASS |
| Band17 | 5 | 23755 | 25 | #0 | QPSK | 704.00 | -37.04 | -13 | PASS |
| Band17 | 5 | 23755 | 25 | #0 | QPSK | 703.00 | -29.91 | -13 | PASS |
| Band17 | 5 | 23755 | 1 | #0 | 16QAM | 703.99 | -22.30 | -13 | PASS |
| Band17 | 5 | 23755 | 1 | #0 | 16QAM | 703.00 | -38.12 | -13 | PASS |
| Band17 | 5 | 23755 | 1 | #Max | 16QAM | 701.01 | -42.57 | -13 | PASS |
| Band17 | 5 | 23755 | 1 | #Max | 16QAM | 703.00 | -40.63 | -13 | PASS |
| Band17 | 5 | 23755 | 25 | #0 | 16QAM | 704.00 | -39.29 | -13 | PASS |
| Band17 | 5 | 23755 | 25 | #0 | 16QAM | 703.00 | -31.91 | -13 | PASS |
| Band17 | 5 | 23825 | 1 | #0 | QPSK | 716.00 | -42.01 | -13 | PASS |
| Band17 | 5 | 23825 | 1 | #0 | QPSK | 717.00 | -39.58 | -13 | PASS |
| Band17 | 5 | 23825 | 1 | #Max | QPSK | 716.00 | -23.51 | -13 | PASS |
| Band17 | 5 | 23825 | 1 | #Max | QPSK | 717.00 | -39.34 | -13 | PASS |
| Band17 | 5 | 23825 | 25 | #0 | QPSK | 716.00 | -35.20 | -13 | PASS |
| Band17 | 5 | 23825 | 25 | #0 | QPSK | 717.00 | -29.35 | -13 | PASS |
| Band17 | 5 | 23825 | 1 | #0 | 16QAM | 719.02 | -43.43 | -13 | PASS |
| Band17 | 5 | 23825 | 1 | #0 | 16QAM | 717.00 | -39.74 | -13 | PASS |
| Band17 | 5 | 23825 | 1 | #Max | 16QAM | 716.00 | -24.10 | -13 | PASS |
| Band17 | 5 | 23825 | 1 | #Max | 16QAM | 717.00 | -39.44 | -13 | PASS |
| Band17 | 5 | 23825 | 25 | #0 | 16QAM | 716.00 | -35.73 | -13 | PASS |
| Band17 | 5 | 23825 | 25 | #0 | 16QAM | 717.00 | -30.06 | -13 | PASS |
| Band17 | 10 | 23780 | 1 | #0 | QPSK | 703.92 | -23.96 | -13 | PASS |
| Band17 | 10 | 23780 | 1 | #0 | QPSK | 703.00 | -38.26 | -13 | PASS |
| Band17 | 10 | 23780 | 1 | #Max | QPSK | 698.04 | -40.62 | -13 | PASS |
| Band17 | 10 | 23780 | 1 | #Max | QPSK | 703.00 | -42.87 | -13 | PASS |
| Band17 | 10 | 23780 | 50 | #0 | QPSK | 704.00 | -40.15 | -13 | PASS |
| Band17 | 10 | 23780 | 50 | #0 | QPSK | 703.00 | -32.91 | -13 | PASS |
| Band17 | 10 | 23780 | 1 | #0 | 16QAM | 704.00 | -28.19 | -13 | PASS |
| Band17 | 10 | 23780 | 1 | #0 | 16QAM | 703.00 | -40.32 | -13 | PASS |
| Band17 | 10 | 23780 | 1 | #Max | 16QAM | 698.04 | -41.59 | -13 | PASS |
| Band17 | 10 | 23780 | 1 | #Max | 16QAM | 703.00 | -42.83 | -13 | PASS |
| Band17 | 10 | 23780 | 50 | #0 | 16QAM | 704.00 | -41.48 | -13 | PASS |
| Band17 | 10 | 23780 | 50 | #0 | 16QAM | 703.00 | -34.30 | -13 | PASS |
| Band17 | 10 | 23800 | 1 | #0 | QPSK | 716.00 | -42.20 | -13 | PASS |
| Band17 | 10 | 23800 | 1 | #0 | QPSK | 717.00 | -41.55 | -13 | PASS |
| Band17 | 10 | 23800 | 1 | #Max | QPSK | 716.00 | -25.71 | -13 | PASS |
| Band17 | 10 | 23800 | 1 | #Max | QPSK | 717.00 | -41.05 | -13 | PASS |
| Band17 | 10 | 23800 | 50 | #0 | QPSK | 716.06 | -40.27 | -13 | PASS |

| | | | | | | | | | |
|--------|----|-------|----|------|-------|--------|--------|-----|------|
| Band17 | 10 | 23800 | 50 | #0 | QPSK | 717.00 | -34.19 | -13 | PASS |
| Band17 | 10 | 23800 | 1 | #0 | 16QAM | 716.00 | -43.06 | -13 | PASS |
| Band17 | 10 | 23800 | 1 | #0 | 16QAM | 717.00 | -41.71 | -13 | PASS |
| Band17 | 10 | 23800 | 1 | #Max | 16QAM | 716.04 | -27.55 | -13 | PASS |
| Band17 | 10 | 23800 | 1 | #Max | 16QAM | 717.00 | -41.27 | -13 | PASS |
| Band17 | 10 | 23800 | 50 | #0 | 16QAM | 716.00 | -41.50 | -13 | PASS |
| Band17 | 10 | 23800 | 50 | #0 | 16QAM | 717.00 | -34.59 | -13 | PASS |

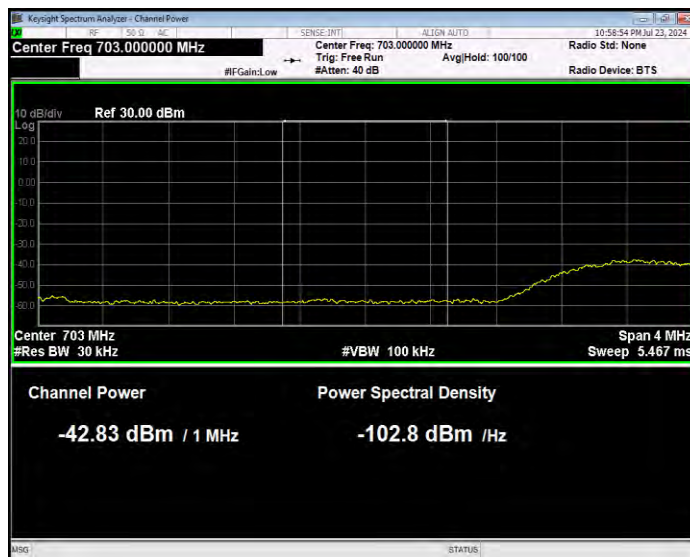
Band17 16QAM BW=10MHz Channel=23780 RB Size=1 Position=#0 Extended



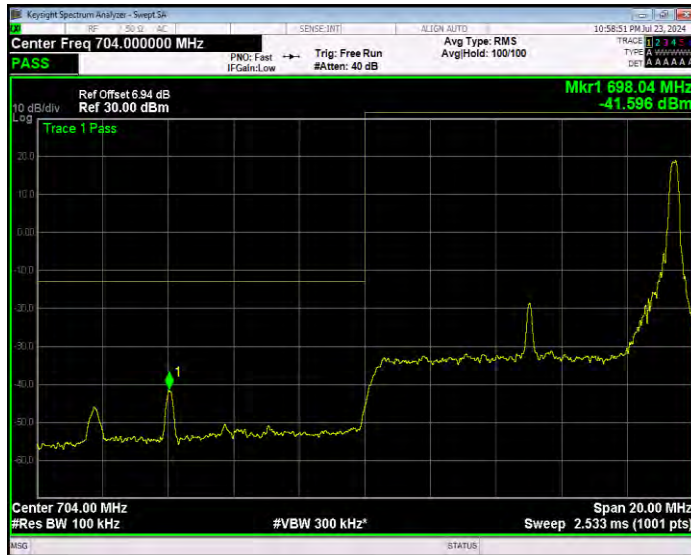
Band17 16QAM BW=10MHz Channel=23780 RB Size=1 Position=#0 Normal



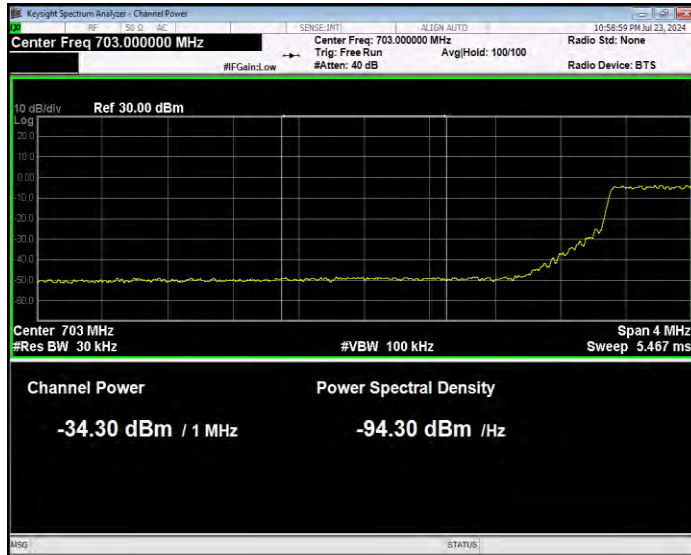
Band17 16QAM BW=10MHz Channel=23780 RB Size=1 Position=#Max Extended



Band17 16QAM BW=10MHz Channel=23780 RB Size=1 Position=#Max Normal



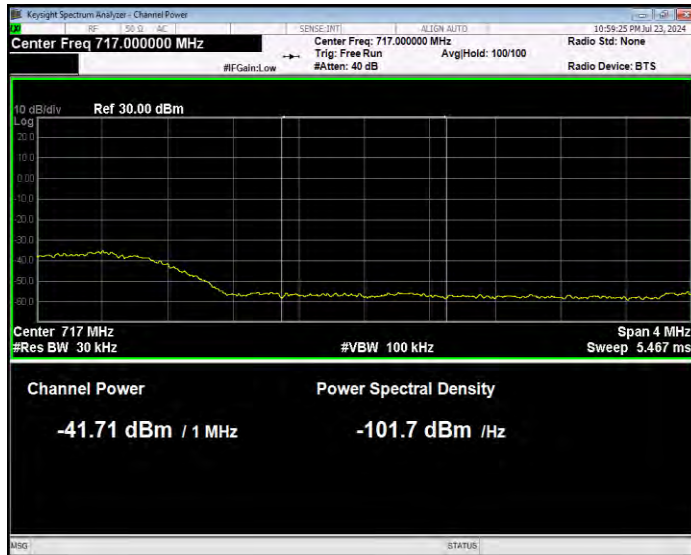
Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0 Extended



Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0 Normal



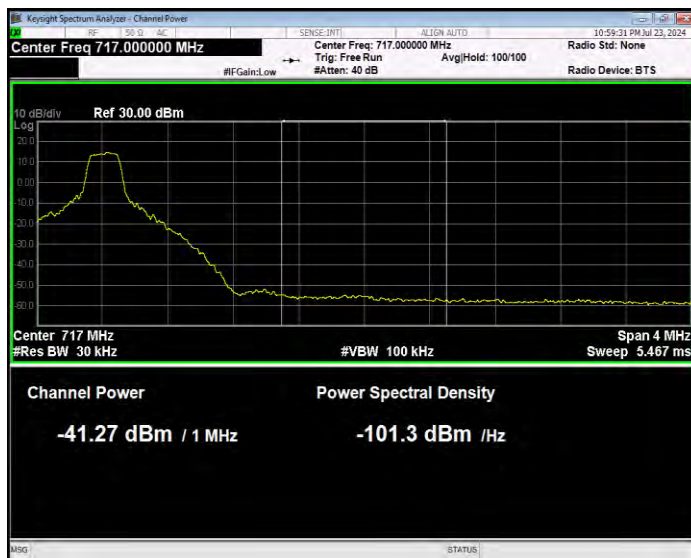
Band17 16QAM BW=10MHz Channel=23800 RB Size=1 Position=#0 Extended



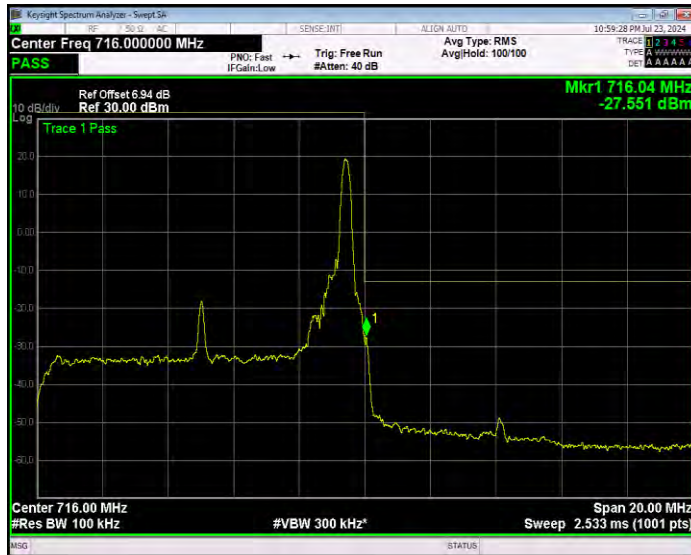
Band17 16QAM BW=10MHz Channel=23800 RB Size=1 Position=#0 Normal



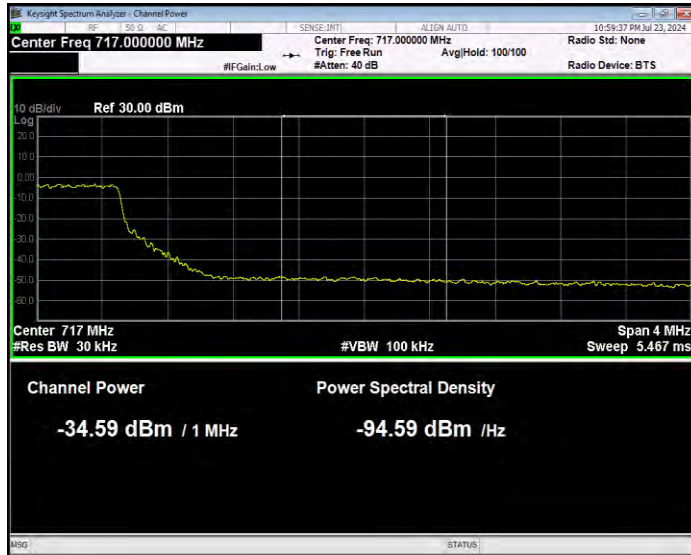
Band17 16QAM BW=10MHz Channel=23800 RB Size=1 Position=#Max Extended



Band17 16QAM BW=10MHz Channel=23800 RB Size=1 Position=#Max Normal



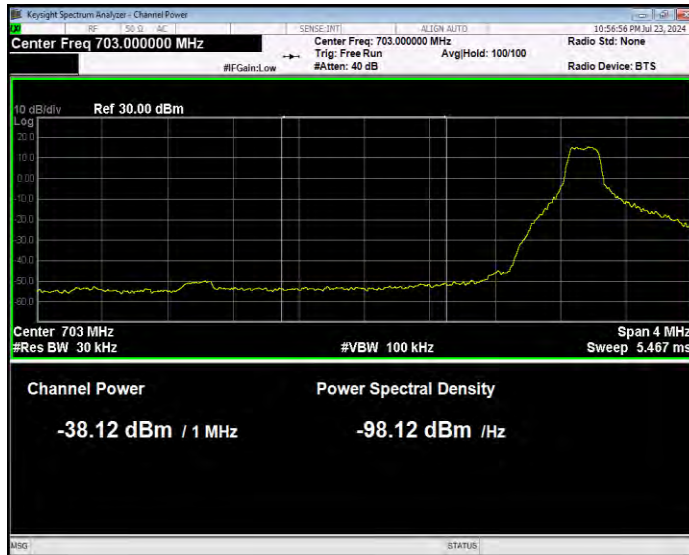
Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0 Extended



Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0 Normal



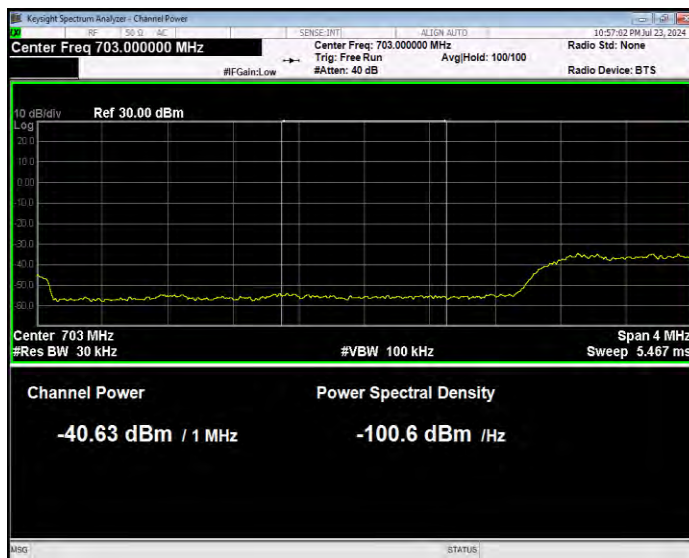
Band17 16QAM BW=5MHz Channel=23755 RB Size=1 Position=#0 Extended



Band17 16QAM BW=5MHz Channel=23755 RB Size=1 Position=#0 Normal



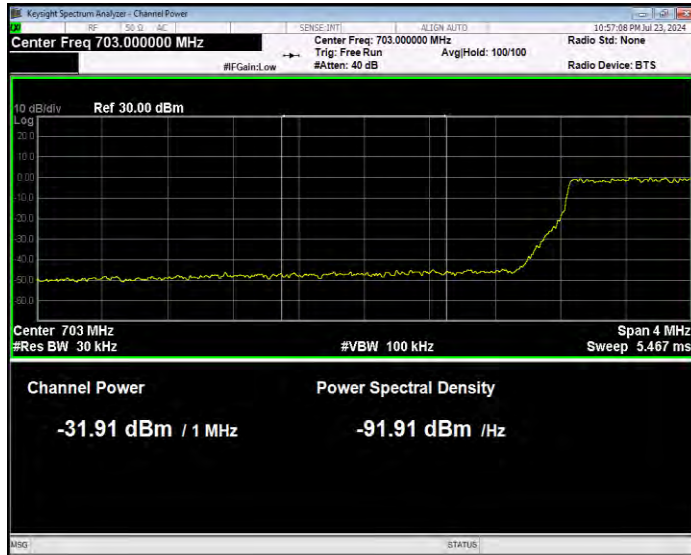
Band17 16QAM BW=5MHz Channel=23755 RB Size=1 Position=#Max Extended



Band17 16QAM BW=5MHz Channel=23755 RB Size=1 Position=#Max Normal



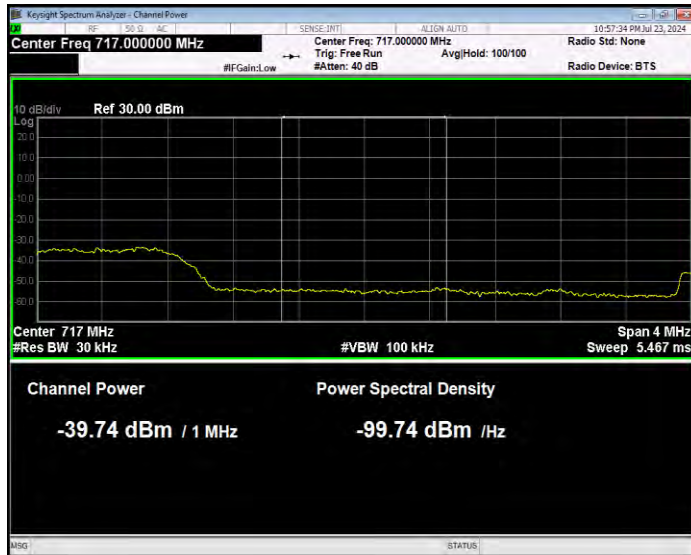
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0 Extended



Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0 Normal



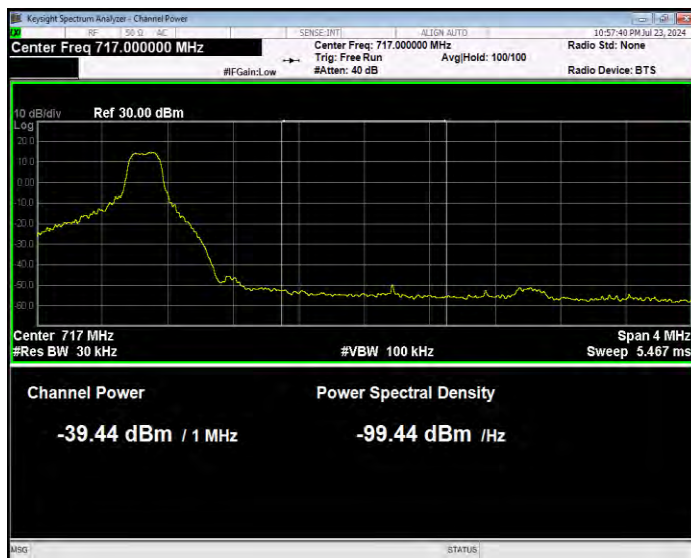
Band17 16QAM BW=5MHz Channel=23825 RB Size=1 Position=#0 Extended



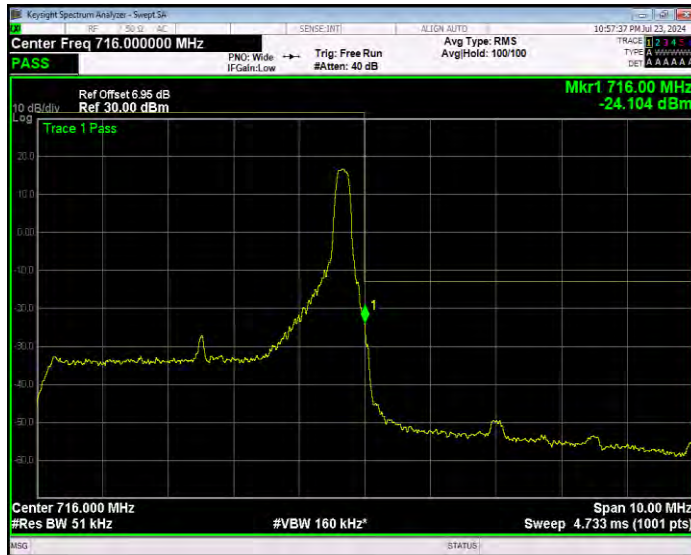
Band17 16QAM BW=5MHz Channel=23825 RB Size=1 Position=#0 Normal



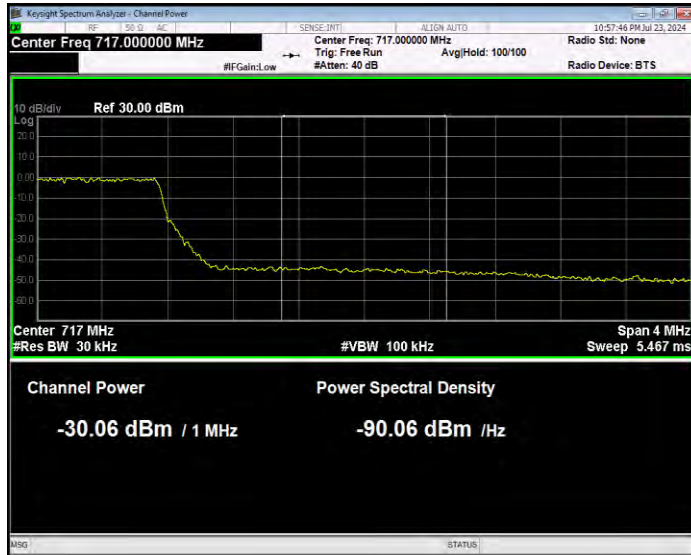
Band17 16QAM BW=5MHz Channel=23825 RB Size=1 Position=#Max Extended



Band17 16QAM BW=5MHz Channel=23825 RB Size=1 Position=#Max Normal



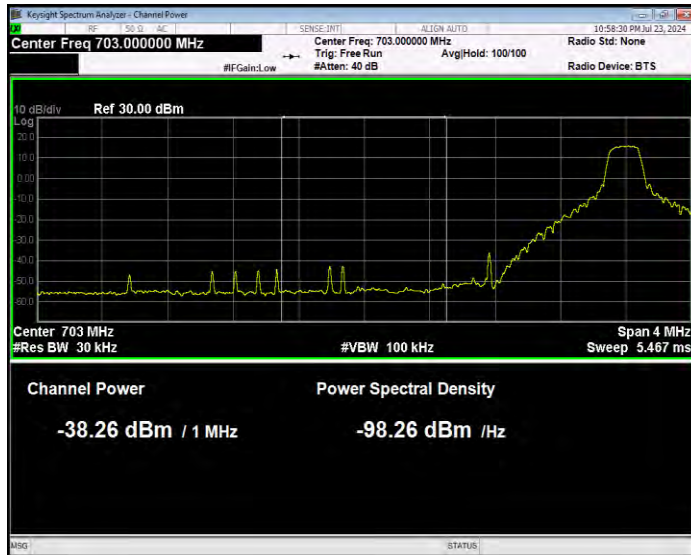
Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0 Extended



Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0 Normal



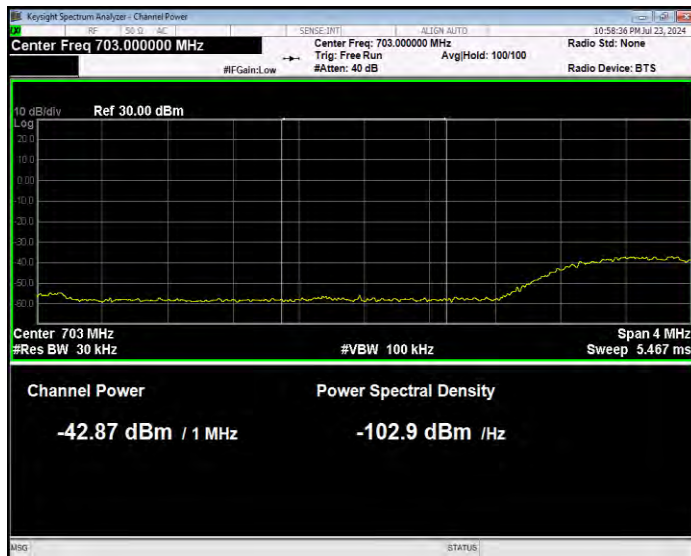
Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#0 Extended



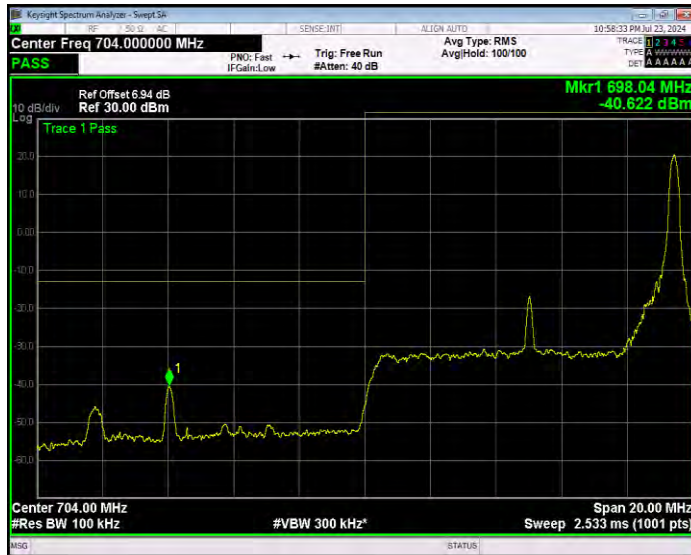
Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#0 Normal



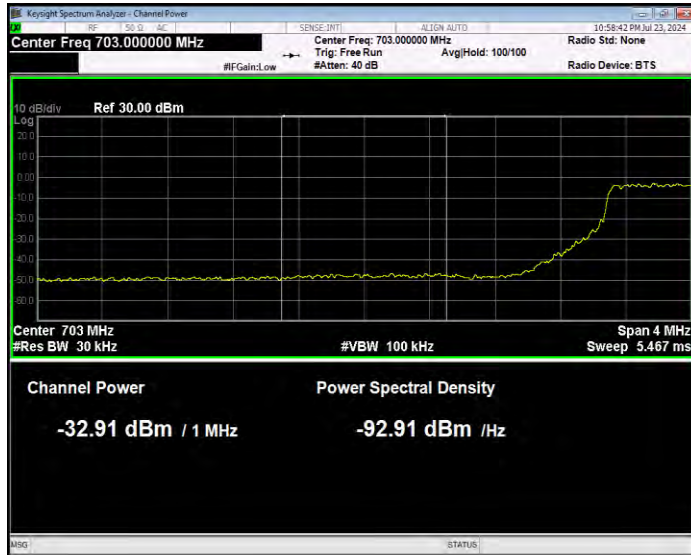
Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#Max Extended



Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#Max Normal



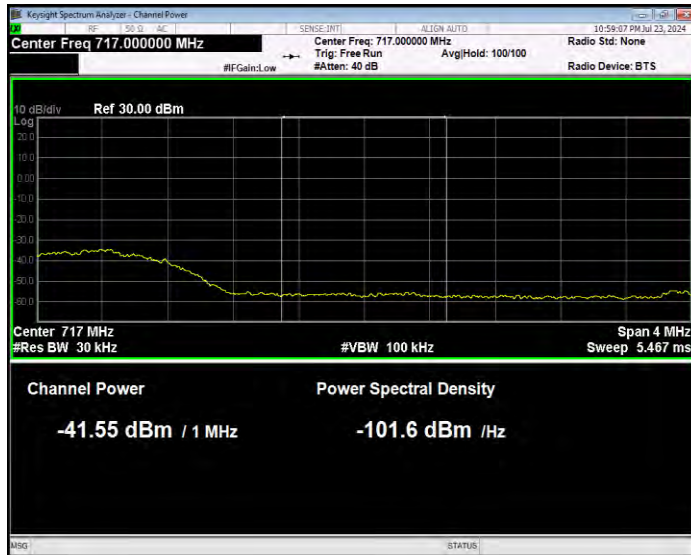
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0 Extended



Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0 Normal



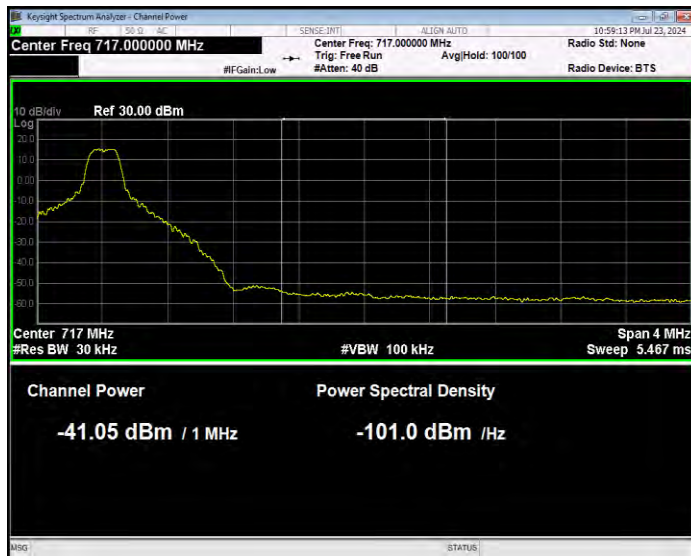
Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#0 Extended



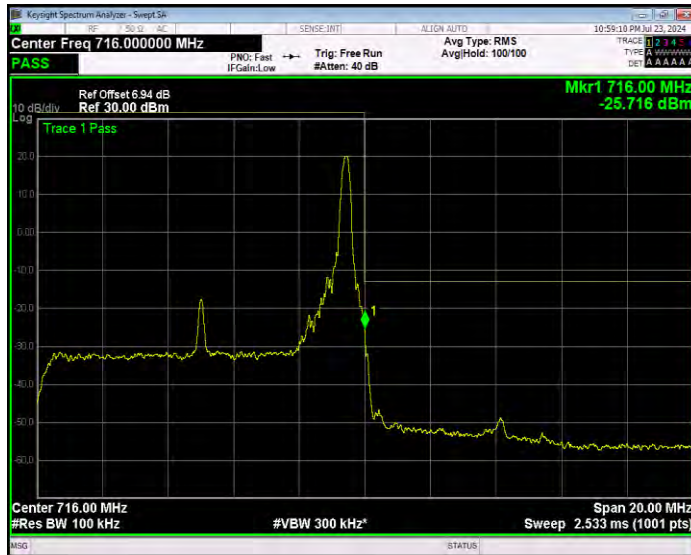
Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#0 Normal



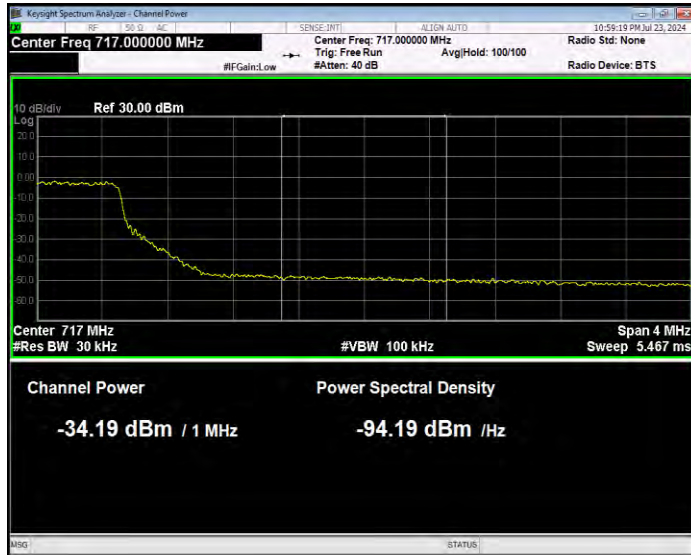
Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#Max Extended



Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#Max Normal



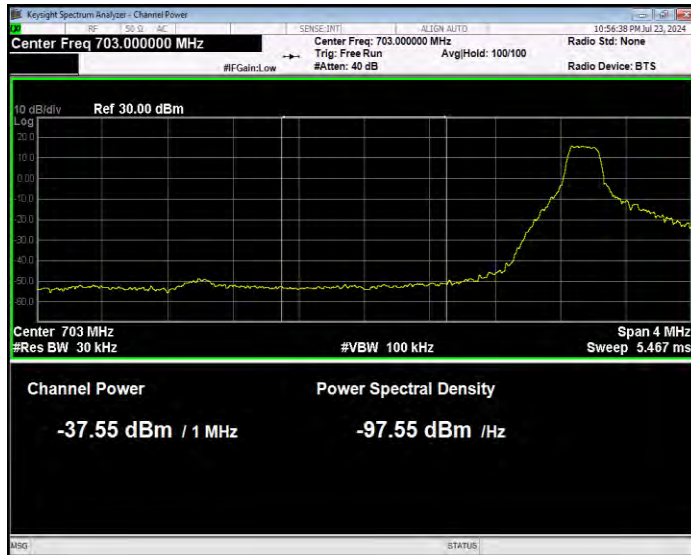
Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0 Extended



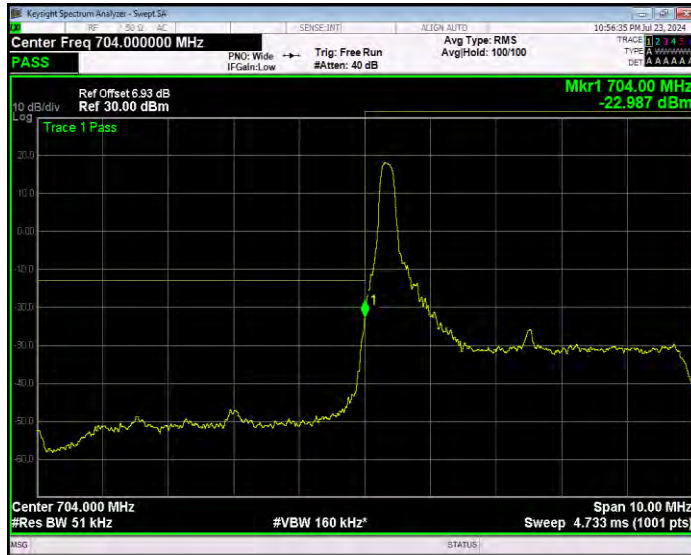
Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0 Normal



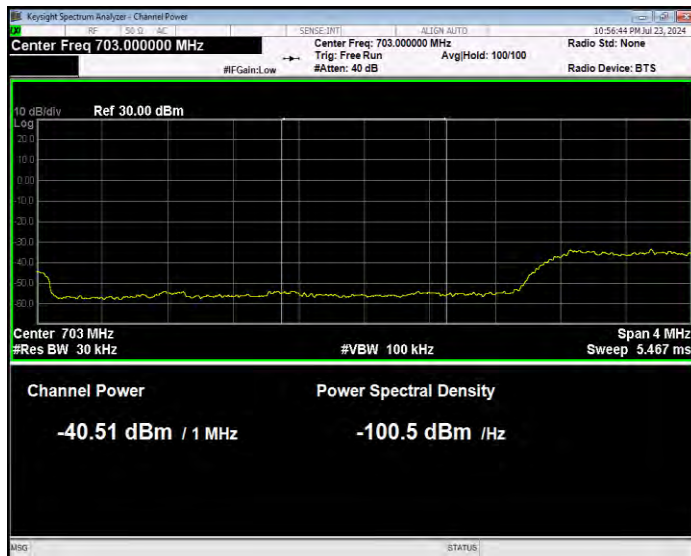
Band17 QPSK BW=5MHz Channel=23755 RB Size=1 Position=#0 Extended



Band17 QPSK BW=5MHz Channel=23755 RB Size=1 Position=#0 Normal



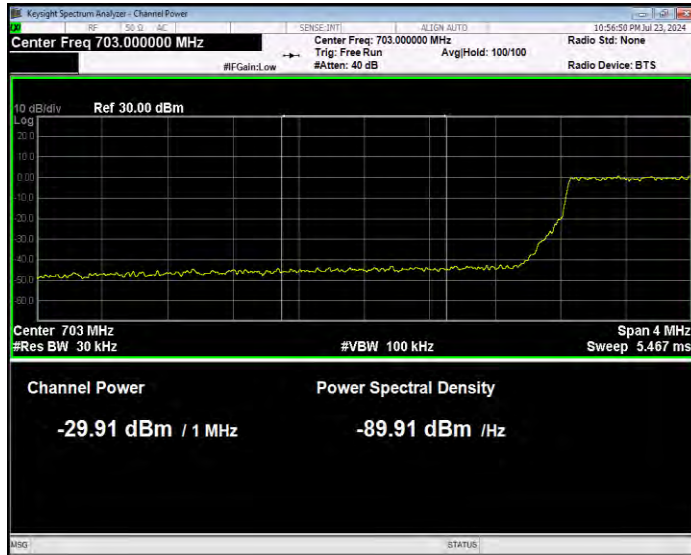
Band17 QPSK BW=5MHz Channel=23755 RB Size=1 Position=#Max Extended



Band17 QPSK BW=5MHz Channel=23755 RB Size=1 Position=#Max Normal



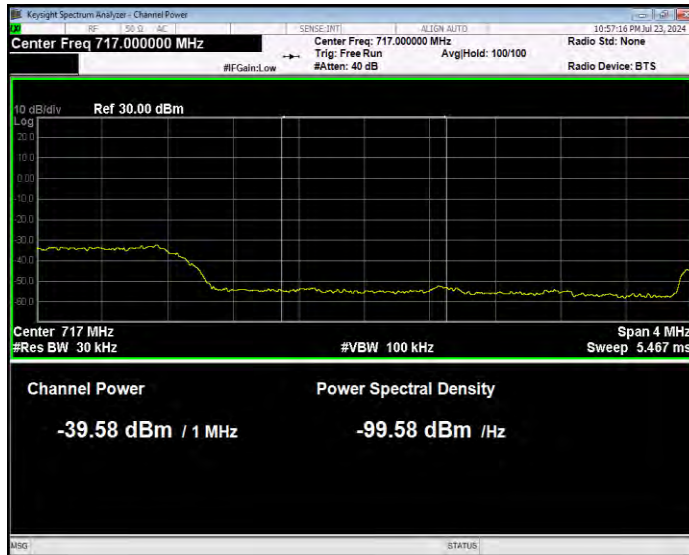
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0 Extended



Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0 Normal



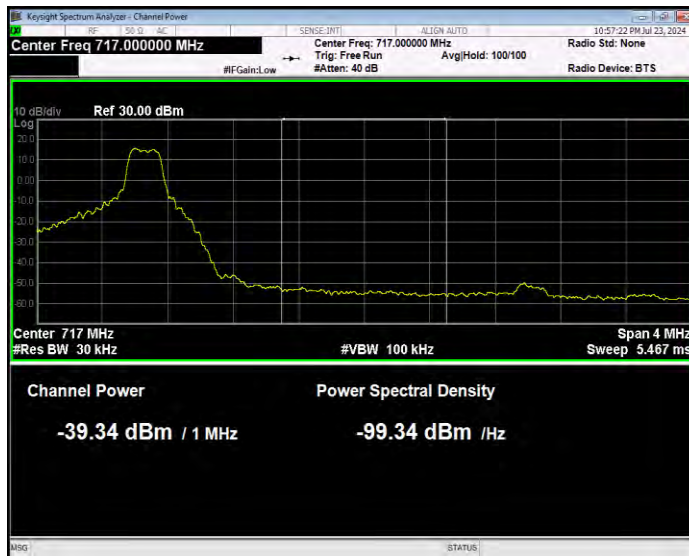
Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#0 Extended



Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#0 Normal



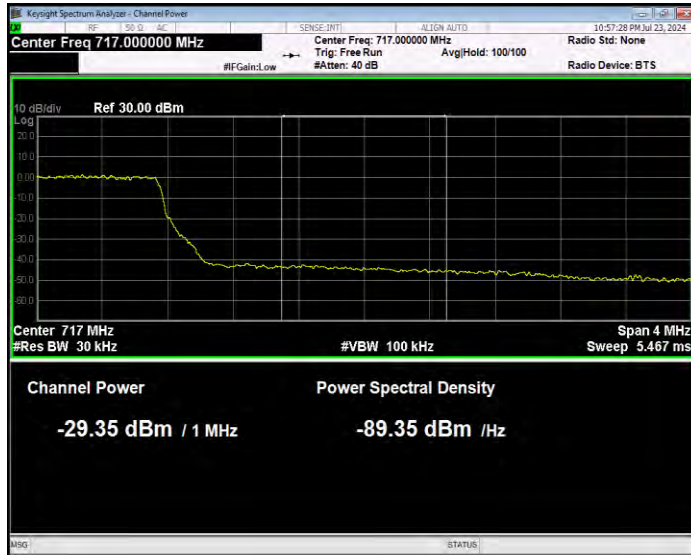
Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#Max Extended



Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#Max Normal



Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0 Extended



Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0 Normal

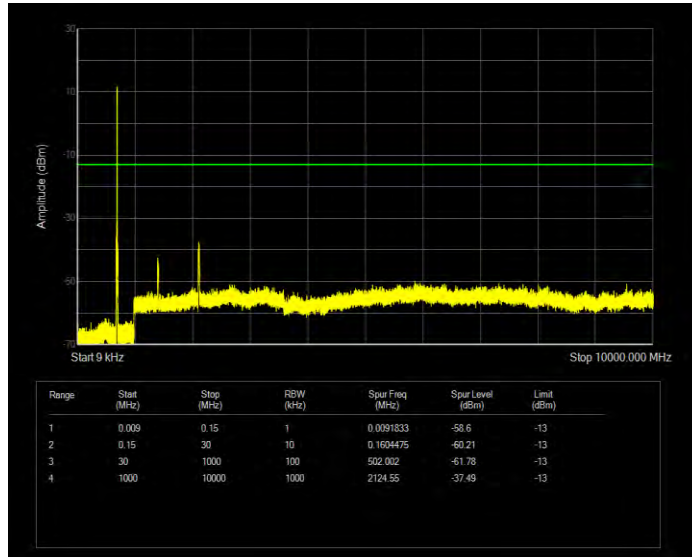


5. Conducted Spurious Emission

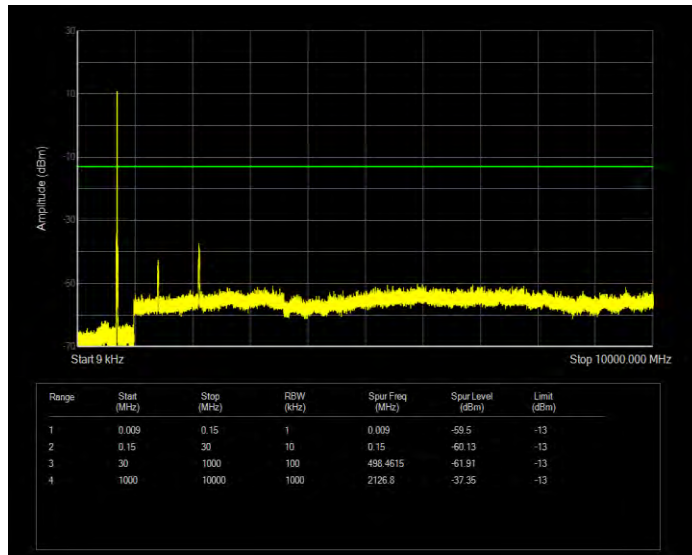
Test Result

| Band | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|--------|--------------------|---------------|------------|----------------|------------|--------------------|---------------------|----------------|---------|
| Band17 | 5 | 23755 | 25 | #0 | QPSK | 2121.18 | -33.69 | -13 | PASS |
| Band17 | 5 | 23755 | 25 | #0 | 16QAM | 2120.50 | -34.24 | -13 | PASS |
| Band17 | 5 | 23790 | 25 | #0 | QPSK | 2131.75 | -33.67 | -13 | PASS |
| Band17 | 5 | 23790 | 25 | #0 | 16QAM | 2129.05 | -32.05 | -13 | PASS |
| Band17 | 5 | 23825 | 25 | #0 | QPSK | 2143.00 | -35.51 | -13 | PASS |
| Band17 | 5 | 23825 | 25 | #0 | 16QAM | 2141.43 | -34.77 | -13 | PASS |
| Band17 | 10 | 23780 | 50 | #0 | QPSK | 2127.70 | -38.13 | -13 | PASS |
| Band17 | 10 | 23780 | 50 | #0 | 16QAM | 2124.55 | -37.49 | -13 | PASS |
| Band17 | 10 | 23790 | 50 | #0 | QPSK | 2130.40 | -37.76 | -13 | PASS |
| Band17 | 10 | 23790 | 50 | #0 | 16QAM | 2126.80 | -37.35 | -13 | PASS |
| Band17 | 10 | 23800 | 50 | #0 | QPSK | 2130.85 | -37.04 | -13 | PASS |
| Band17 | 10 | 23800 | 50 | #0 | 16QAM | 2133.78 | -37.05 | -13 | PASS |

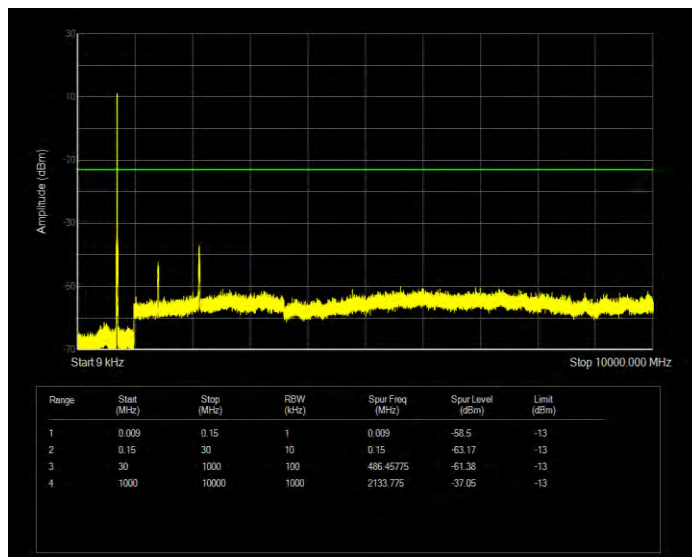
Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0



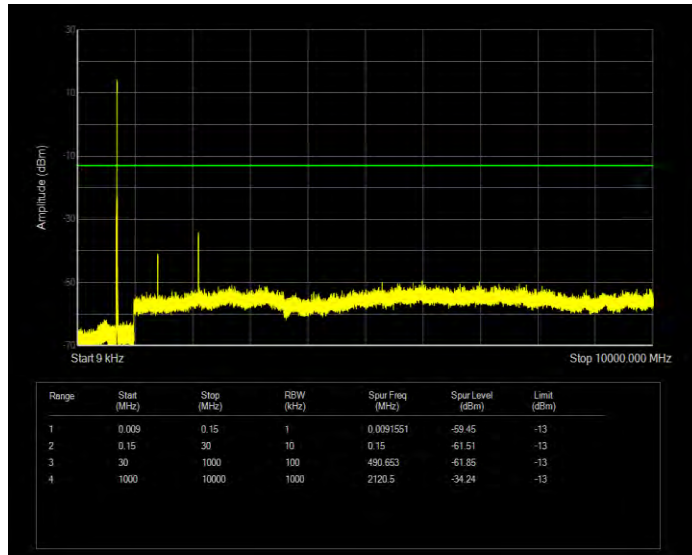
Band17 16QAM BW=10MHz Channel=23790 RB Size=50 Position=#0



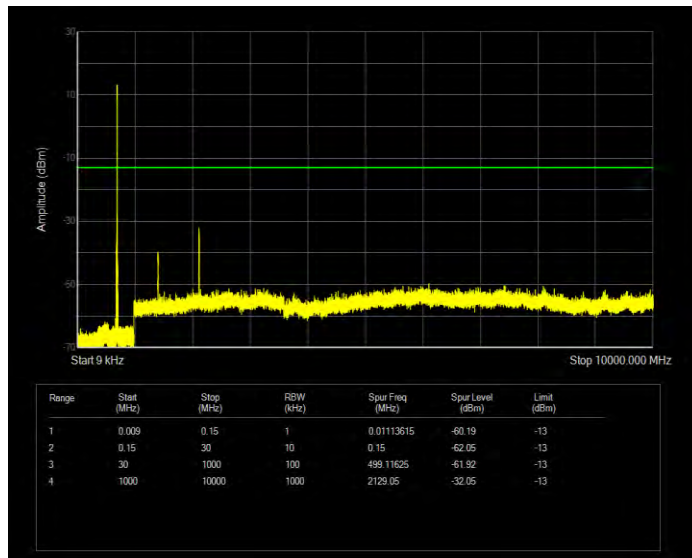
Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0



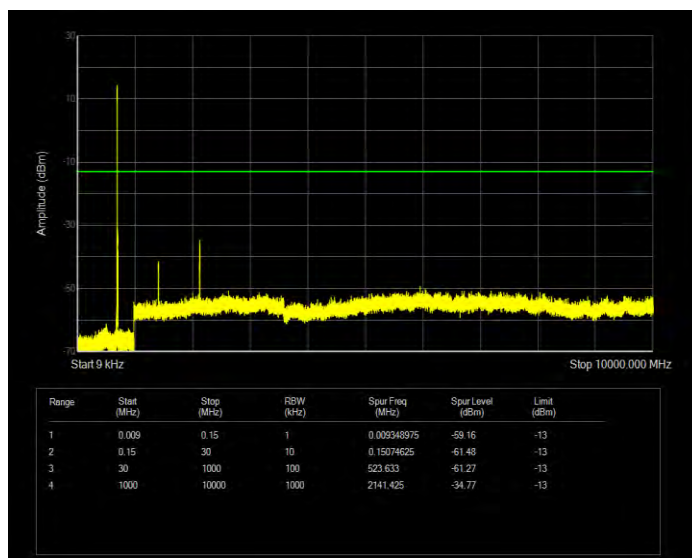
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0



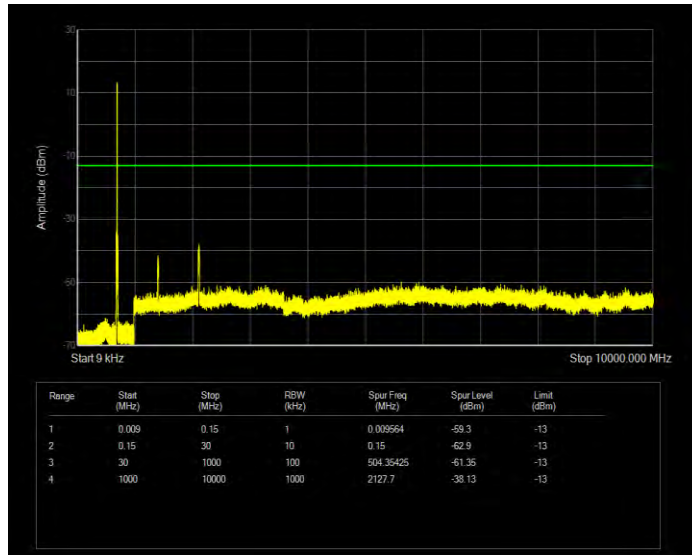
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



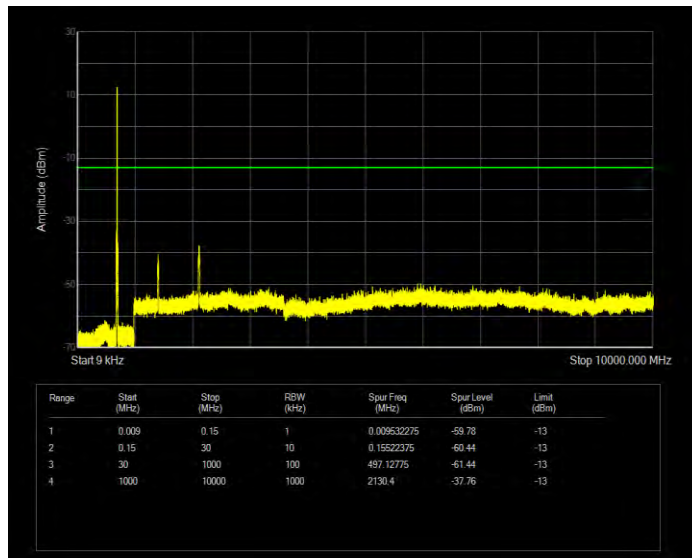
Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0



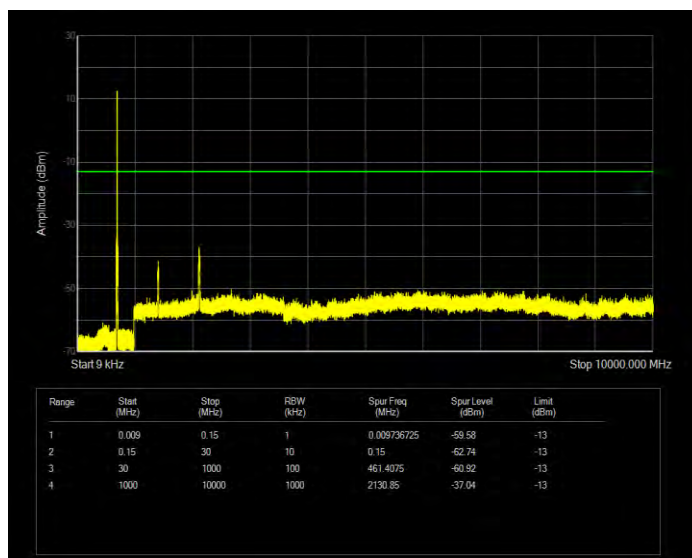
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



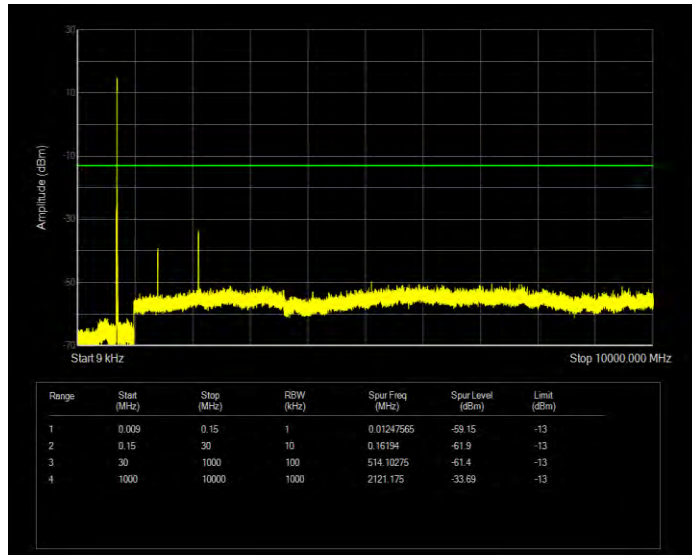
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



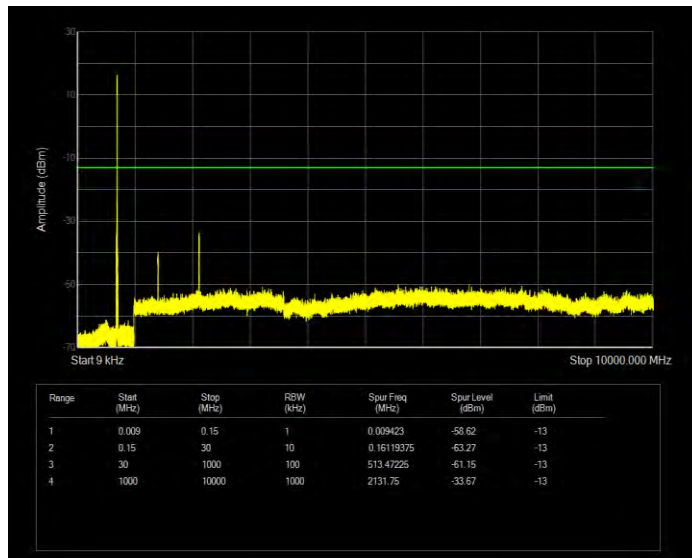
Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



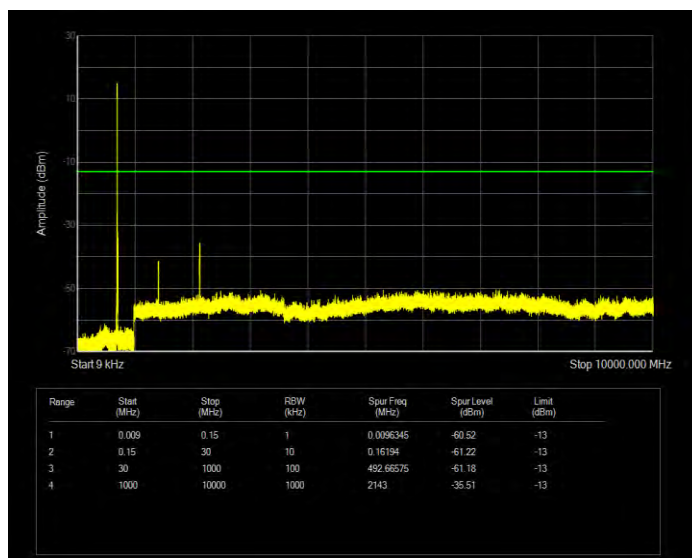
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



6. Frequency Stability

Test Result

Voltage

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (ppm) | Limit (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|-----------------|-------------|---------|
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | VL | NT | -0.00961 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | VN | NT | 0.03771 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | VH | NT | 0.00840 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | VL | NT | -0.03775 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | VN | NT | 0.03092 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | VH | NT | -0.04080 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | VL | NT | 0.00054 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | VN | NT | -0.04272 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | VH | NT | -0.01998 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | VL | NT | 0.01260 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | VN | NT | 0.02505 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | VH | NT | 0.01375 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | VL | NT | -0.00775 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | VN | NT | -0.00486 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | VH | NT | 0.00796 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | VL | NT | -0.00093 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | VN | NT | 0.00064 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | VH | NT | -0.02841 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | VL | NT | -0.03457 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | VN | NT | -0.01354 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | VH | NT | 0.04051 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | VL | NT | 0.03209 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | VN | NT | -0.04029 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | VH | NT | 0.00710 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | VL | NT | -0.01166 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | VN | NT | 0.04600 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | VH | NT | -0.03638 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | VL | NT | 0.00442 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | VN | NT | -0.03576 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | VH | NT | 0.04004 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | VL | NT | -0.02458 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | VN | NT | -0.00553 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | VH | NT | 0.04011 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | VL | NT | 0.03440 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | VN | NT | 0.00399 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | VH | NT | -0.00087 | ±2.5 | PASS |

Temperature

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (ppm) | Limit (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|-----------------|-------------|---------|
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | NV | -30 | -0.02601 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | NV | -20 | -0.00447 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | NV | 0 | -0.01207 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | NV | 10 | -0.03818 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | NV | 20 | -0.02710 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | NV | -30 | -0.04334 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | NV | -20 | -0.04033 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | NV | 0 | -0.03463 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | NV | 10 | 0.03083 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | NV | 20 | -0.01974 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | NV | -30 | -0.02442 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | NV | -20 | 0.00702 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | NV | 0 | 0.03908 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | NV | 10 | 0.03023 | ±2.5 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | NV | 20 | 0.01184 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | NV | -30 | 0.01270 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | NV | -20 | 0.01426 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | NV | 0 | 0.02395 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | NV | 10 | 0.00132 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | NV | 20 | -0.01744 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | NV | -30 | -0.04490 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | NV | -20 | -0.01378 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | NV | 0 | 0.02944 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | NV | 10 | -0.03296 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | NV | 20 | 0.00322 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | NV | -30 | -0.03910 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | NV | -20 | 0.03777 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | NV | 0 | -0.02854 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | NV | 10 | 0.04863 | ±2.5 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | NV | 20 | 0.01007 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | NV | -30 | -0.02501 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | NV | -20 | -0.01231 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | NV | 0 | -0.04371 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | NV | 10 | 0.03166 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | NV | 20 | -0.02023 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | NV | -30 | -0.03273 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | NV | -20 | -0.00293 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | NV | 0 | -0.01867 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | NV | 10 | 0.01067 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | NV | 20 | -0.04343 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | NV | -30 | -0.03454 | ±2.5 | PASS |

| | | | | | | | | | |
|--------|-------|-------|-------|--------|----|-----|----------|------|------|
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | NV | -20 | -0.02406 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | NV | 0 | -0.00238 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | NV | 10 | 0.00545 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | NV | 20 | -0.03361 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | -30 | 0.04109 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | -20 | 0.03604 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | 0 | 0.04604 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | 10 | -0.01834 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | 20 | -0.01763 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | -30 | 0.04147 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | -20 | -0.03490 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | 0 | -0.03675 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | 10 | -0.00991 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | 20 | -0.02224 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | -30 | 0.00743 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | -20 | 0.03629 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | 0 | 0.02300 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | 10 | 0.00253 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | 20 | -0.01198 | ±2.5 | PASS |