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## Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement

| Condition | Band   | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Power<br>(dBm) | Gain<br>(dBm) | ERP<br>(dBm) | Verdict |
|-----------|--------|--------------------|---------------|------------|----------------|------------|----------------|---------------|--------------|---------|
| NVNT      | Band17 | 5                  | 23755         | 1          | #0             | QPSK       | 23.78          | -1.74         | 19.89        | PASS    |
| NVNT      | Band17 | 5                  | 23755         | 1          | #Mid           | QPSK       | 23.78          | -1.74         | 19.89        | PASS    |
| NVNT      | Band17 | 5                  | 23755         | 1          | #Max           | QPSK       | 23.76          | -1.74         | 19.87        | PASS    |
| NVNT      | Band17 | 5                  | 23755         | 12         | #0             | QPSK       | 23.02          | -1.74         | 19.13        | PASS    |
| NVNT      | Band17 | 5                  | 23755         | 12         | #Mid           | QPSK       | 22.96          | -1.74         | 19.07        | PASS    |
| NVNT      | Band17 | 5                  | 23755         | 12         | #Max           | QPSK       | 22.79          | -1.74         | 18.90        | PASS    |
| NVNT      | Band17 | 5                  | 23755         | 25         | #0             | QPSK       | 22.91          | -1.74         | 19.02        | PASS    |
| NVNT      | Band17 | 5                  | 23755         | 1          | #0             | 16QAM      | 21.64          | -1.74         | 17.75        | PASS    |
| NVNT      | Band17 | 5                  | 23755         | 1          | #Mid           | 16QAM      | 21.78          | -1.74         | 17.89        | PASS    |
| NVNT      | Band17 | 5                  | 23755         | 1          | #Max           | 16QAM      | 21.71          | -1.74         | 17.82        | PASS    |
| NVNT      | Band17 | 5                  | 23755         | 12         | #0             | 16QAM      | 21.65          | -1.74         | 17.76        | PASS    |
| NVNT      | Band17 | 5                  | 23755         | 12         | #Mid           | 16QAM      | 21.69          | -1.74         | 17.80        | PASS    |
| NVNT      | Band17 | 5                  | 23755         | 12         | #Max           | 16QAM      | 21.81          | -1.74         | 17.92        | PASS    |
| NVNT      | Band17 | 5                  | 23755         | 25         | #0             | 16QAM      | 21.89          | -1.74         | 18.00        | PASS    |
| NVNT      | Band17 | 5                  | 23790         | 1          | #0             | QPSK       | 23.93          | -1.74         | 20.04        | PASS    |
| NVNT      | Band17 | 5                  | 23790         | 1          | #Mid           | QPSK       | 23.72          | -1.74         | 19.83        | PASS    |
| NVNT      | Band17 | 5                  | 23790         | 1          | #Max           | QPSK       | 23.82          | -1.74         | 19.93        | PASS    |
| NVNT      | Band17 | 5                  | 23790         | 12         | #0             | QPSK       | 22.79          | -1.74         | 18.90        | PASS    |
| NVNT      | Band17 | 5                  | 23790         | 12         | #Mid           | QPSK       | 22.78          | -1.74         | 18.89        | PASS    |
| NVNT      | Band17 | 5                  | 23790         | 12         | #Max           | QPSK       | 22.84          | -1.74         | 18.95        | PASS    |
| NVNT      | Band17 | 5                  | 23790         | 25         | #0             | QPSK       | 22.81          | -1.74         | 18.92        | PASS    |
| NVNT      | Band17 | 5                  | 23790         | 1          | #0             | 16QAM      | 21.44          | -1.74         | 17.55        | PASS    |
| NVNT      | Band17 | 5                  | 23790         | 1          | #Mid           | 16QAM      | 21.41          | -1.74         | 17.52        | PASS    |
| NVNT      | Band17 | 5                  | 23790         | 1          | #Max           | 16QAM      | 21.35          | -1.74         | 17.46        | PASS    |
| NVNT      | Band17 | 5                  | 23790         | 12         | #0             | 16QAM      | 21.71          | -1.74         | 17.82        | PASS    |
| NVNT      | Band17 | 5                  | 23790         | 12         | #Mid           | 16QAM      | 21.67          | -1.74         | 17.78        | PASS    |
| NVNT      | Band17 | 5                  | 23790         | 12         | #Max           | 16QAM      | 21.91          | -1.74         | 18.02        | PASS    |
| NVNT      | Band17 | 5                  | 23790         | 25         | #0             | 16QAM      | 21.78          | -1.74         | 17.89        | PASS    |
| NVNT      | Band17 | 5                  | 23825         | 1          | #0             | QPSK       | 23.79          | -1.74         | 19.90        | PASS    |
| NVNT      | Band17 | 5                  | 23825         | 1          | #Mid           | QPSK       | 23.74          | -1.74         | 19.85        | PASS    |
| NVNT      | Band17 | 5                  | 23825         | 1          | #Max           | QPSK       | 23.66          | -1.74         | 19.77        | PASS    |
| NVNT      | Band17 | 5                  | 23825         | 12         | #0             | QPSK       | 22.74          | -1.74         | 18.85        | PASS    |
| NVNT      | Band17 | 5                  | 23825         | 12         | #Mid           | QPSK       | 22.66          | -1.74         | 18.77        | PASS    |
| NVNT      | Band17 | 5                  | 23825         | 12         | #Max           | QPSK       | 22.76          | -1.74         | 18.87        | PASS    |
| NVNT      | Band17 | 5                  | 23825         | 25         | #0             | QPSK       | 22.82          | -1.74         | 18.93        | PASS    |
| NVNT      | Band17 | 5                  | 23825         | 1          | #0             | 16QAM      | 21.57          | -1.74         | 17.68        | PASS    |
| NVNT      | Band17 | 5                  | 23825         | 1          | #Mid           | 16QAM      | 21.59          | -1.74         | 17.70        | PASS    |

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|      |        |    |       |    |      |       |       |       |       |      |
|------|--------|----|-------|----|------|-------|-------|-------|-------|------|
| NVNT | Band17 | 5  | 23825 | 1  | #Max | 16QAM | 21.72 | -1.74 | 17.83 | PASS |
| NVNT | Band17 | 5  | 23825 | 12 | #0   | 16QAM | 22.02 | -1.74 | 18.13 | PASS |
| NVNT | Band17 | 5  | 23825 | 12 | #Mid | 16QAM | 21.91 | -1.74 | 18.02 | PASS |
| NVNT | Band17 | 5  | 23825 | 12 | #Max | 16QAM | 21.89 | -1.74 | 18.00 | PASS |
| NVNT | Band17 | 5  | 23825 | 25 | #0   | 16QAM | 21.85 | -1.74 | 17.96 | PASS |
| NVNT | Band17 | 10 | 23780 | 1  | #0   | QPSK  | 23.72 | -1.74 | 19.83 | PASS |
| NVNT | Band17 | 10 | 23780 | 1  | #Mid | QPSK  | 23.69 | -1.74 | 19.80 | PASS |
| NVNT | Band17 | 10 | 23780 | 1  | #Max | QPSK  | 23.54 | -1.74 | 19.65 | PASS |
| NVNT | Band17 | 10 | 23780 | 25 | #0   | QPSK  | 22.90 | -1.74 | 19.01 | PASS |
| NVNT | Band17 | 10 | 23780 | 25 | #Mid | QPSK  | 22.72 | -1.74 | 18.83 | PASS |
| NVNT | Band17 | 10 | 23780 | 25 | #Max | QPSK  | 22.79 | -1.74 | 18.90 | PASS |
| NVNT | Band17 | 10 | 23780 | 50 | #0   | QPSK  | 22.86 | -1.74 | 18.97 | PASS |
| NVNT | Band17 | 10 | 23780 | 1  | #0   | 16QAM | 22.45 | -1.74 | 18.56 | PASS |
| NVNT | Band17 | 10 | 23780 | 1  | #Mid | 16QAM | 22.50 | -1.74 | 18.61 | PASS |
| NVNT | Band17 | 10 | 23780 | 1  | #Max | 16QAM | 22.45 | -1.74 | 18.56 | PASS |
| NVNT | Band17 | 10 | 23780 | 25 | #0   | 16QAM | 21.67 | -1.74 | 17.78 | PASS |
| NVNT | Band17 | 10 | 23780 | 25 | #Mid | 16QAM | 21.87 | -1.74 | 17.98 | PASS |
| NVNT | Band17 | 10 | 23780 | 25 | #Max | 16QAM | 22.05 | -1.74 | 18.16 | PASS |
| NVNT | Band17 | 10 | 23780 | 50 | #0   | 16QAM | 21.90 | -1.74 | 18.01 | PASS |
| NVNT | Band17 | 10 | 23790 | 1  | #0   | QPSK  | 23.68 | -1.74 | 19.79 | PASS |
| NVNT | Band17 | 10 | 23790 | 1  | #Mid | QPSK  | 23.63 | -1.74 | 19.74 | PASS |
| NVNT | Band17 | 10 | 23790 | 1  | #Max | QPSK  | 23.56 | -1.74 | 19.67 | PASS |
| NVNT | Band17 | 10 | 23790 | 25 | #0   | QPSK  | 22.77 | -1.74 | 18.88 | PASS |
| NVNT | Band17 | 10 | 23790 | 25 | #Mid | QPSK  | 22.91 | -1.74 | 19.02 | PASS |
| NVNT | Band17 | 10 | 23790 | 25 | #Max | QPSK  | 22.78 | -1.74 | 18.89 | PASS |
| NVNT | Band17 | 10 | 23790 | 50 | #0   | QPSK  | 22.81 | -1.74 | 18.92 | PASS |
| NVNT | Band17 | 10 | 23790 | 1  | #0   | 16QAM | 21.87 | -1.74 | 17.98 | PASS |
| NVNT | Band17 | 10 | 23790 | 1  | #Mid | 16QAM | 21.70 | -1.74 | 17.81 | PASS |
| NVNT | Band17 | 10 | 23790 | 1  | #Max | 16QAM | 21.63 | -1.74 | 17.74 | PASS |
| NVNT | Band17 | 10 | 23790 | 25 | #0   | 16QAM | 21.89 | -1.74 | 18.00 | PASS |
| NVNT | Band17 | 10 | 23790 | 25 | #Mid | 16QAM | 21.73 | -1.74 | 17.84 | PASS |
| NVNT | Band17 | 10 | 23790 | 25 | #Max | 16QAM | 22.00 | -1.74 | 18.11 | PASS |
| NVNT | Band17 | 10 | 23790 | 50 | #0   | 16QAM | 21.79 | -1.74 | 17.90 | PASS |
| NVNT | Band17 | 10 | 23800 | 1  | #0   | QPSK  | 23.91 | -1.74 | 20.02 | PASS |
| NVNT | Band17 | 10 | 23800 | 1  | #Mid | QPSK  | 23.81 | -1.74 | 19.92 | PASS |
| NVNT | Band17 | 10 | 23800 | 1  | #Max | QPSK  | 23.74 | -1.74 | 19.85 | PASS |
| NVNT | Band17 | 10 | 23800 | 25 | #0   | QPSK  | 22.85 | -1.74 | 18.96 | PASS |
| NVNT | Band17 | 10 | 23800 | 25 | #Mid | QPSK  | 22.93 | -1.74 | 19.04 | PASS |
| NVNT | Band17 | 10 | 23800 | 25 | #Max | QPSK  | 22.89 | -1.74 | 19.00 | PASS |
| NVNT | Band17 | 10 | 23800 | 50 | #0   | QPSK  | 22.83 | -1.74 | 18.94 | PASS |
| NVNT | Band17 | 10 | 23800 | 1  | #0   | 16QAM | 21.74 | -1.74 | 17.85 | PASS |
| NVNT | Band17 | 10 | 23800 | 1  | #Mid | 16QAM | 21.59 | -1.74 | 17.70 | PASS |
| NVNT | Band17 | 10 | 23800 | 1  | #Max | 16QAM | 21.64 | -1.74 | 17.75 | PASS |
| NVNT | Band17 | 10 | 23800 | 25 | #0   | 16QAM | 21.84 | -1.74 | 17.95 | PASS |

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|      |        |    |       |    |      |       |       |       |       |      |
|------|--------|----|-------|----|------|-------|-------|-------|-------|------|
| NVNT | Band17 | 10 | 23800 | 25 | #Mid | 16QAM | 21.82 | -1.74 | 17.93 | PASS |
| NVNT | Band17 | 10 | 23800 | 25 | #Max | 16QAM | 22.00 | -1.74 | 18.11 | PASS |
| NVNT | Band17 | 10 | 23800 | 50 | #0   | 16QAM | 21.78 | -1.74 | 17.89 | PASS |

## Appendix 2.Frequency stability

| Condition | Band       | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Voltage (Vdc) | Temperature (C) | Result (Hz) | Result (ppm) | Verdict |
|-----------|------------|-----------------|------------|---------|-------------|------------|---------------|-----------------|-------------|--------------|---------|
| NVNT      | Band1<br>7 | 5               | 23755      | 25      | #0          | QPSK       | LV            | NT              | 23.56       | 0.033        | PASS    |
| NVNT      | Band1<br>7 | 5               | 23755      | 25      | #0          | QPSK       | NV            | NT              | 20.43       | 0.029        | PASS    |
| NVNT      | Band1<br>7 | 5               | 23755      | 25      | #0          | QPSK       | HV            | NT              | 15.49       | 0.022        | PASS    |
| NVNT      | Band1<br>7 | 5               | 23755      | 25      | #0          | 16QAM      | LV            | NT              | 11.93       | 0.017        | PASS    |
| NVNT      | Band1<br>7 | 5               | 23755      | 25      | #0          | 16QAM      | NV            | NT              | 7.91        | 0.011        | PASS    |
| NVNT      | Band1<br>7 | 5               | 23755      | 25      | #0          | 16QAM      | HV            | NT              | 7.62        | 0.011        | PASS    |
| NVNT      | Band1<br>7 | 5               | 23790      | 25      | #0          | QPSK       | LV            | NT              | 2.65        | 0.004        | PASS    |
| NVNT      | Band1<br>7 | 5               | 23790      | 25      | #0          | QPSK       | NV            | NT              | 0.19        | 0.000        | PASS    |
| NVNT      | Band1<br>7 | 5               | 23790      | 25      | #0          | QPSK       | HV            | NT              | -2.65       | -0.004       | PASS    |
| NVNT      | Band1<br>7 | 5               | 23790      | 25      | #0          | 16QAM      | LV            | NT              | -8.37       | -0.012       | PASS    |
| NVNT      | Band1<br>7 | 5               | 23790      | 25      | #0          | 16QAM      | NV            | NT              | -10.61      | -0.015       | PASS    |
| NVNT      | Band1<br>7 | 5               | 23790      | 25      | #0          | 16QAM      | HV            | NT              | -11.16      | -0.016       | PASS    |
| NVNT      | Band1<br>7 | 5               | 23825      | 25      | #0          | QPSK       | LV            | NT              | 2.86        | 0.004        | PASS    |
| NVNT      | Band1<br>7 | 5               | 23825      | 25      | #0          | QPSK       | NV            | NT              | 2.62        | 0.004        | PASS    |
| NVNT      | Band1<br>7 | 5               | 23825      | 25      | #0          | QPSK       | HV            | NT              | 0.92        | 0.001        | PASS    |
| NVNT      | Band1<br>7 | 5               | 23825      | 25      | #0          | 16QAM      | LV            | NT              | 0.33        | 0.000        | PASS    |
| NVNT      | Band1<br>7 | 5               | 23825      | 25      | #0          | 16QAM      | NV            | NT              | 0.13        | 0.000        | PASS    |
| NVNT      | Band1<br>7 | 5               | 23825      | 25      | #0          | 16QAM      | HV            | NT              | -0.19       | 0.000        | PASS    |
| NVNT      | Band1<br>7 | 10              | 23780      | 50      | #0          | QPSK       | LV            | NT              | 24.03       | 0.034        | PASS    |
| NVNT      | Band1      | 10              | 23780      | 50      | #0          | QPSK       | NV            | NT              | 19.70       | 0.028        | PASS    |

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|      |            |    |       |    |    |       |    |     |        |        |      |
|------|------------|----|-------|----|----|-------|----|-----|--------|--------|------|
|      | 7          |    |       |    |    |       |    |     |        |        |      |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | QPSK  | HV | NT  | 12.53  | 0.018  | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | 16QAM | LV | NT  | 8.20   | 0.012  | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | 16QAM | NV | NT  | 6.57   | 0.009  | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | 16QAM | HV | NT  | 7.17   | 0.010  | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | QPSK  | LV | NT  | 3.66   | 0.005  | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | QPSK  | NV | NT  | 0.77   | 0.001  | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | QPSK  | HV | NT  | -3.96  | -0.006 | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | 16QAM | LV | NT  | -8.24  | -0.012 | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | 16QAM | NV | NT  | -6.45  | -0.009 | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | 16QAM | HV | NT  | -5.81  | -0.008 | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | QPSK  | LV | NT  | 4.75   | 0.007  | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | QPSK  | NV | NT  | 1.76   | 0.002  | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | QPSK  | HV | NT  | -1.23  | -0.002 | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | 16QAM | LV | NT  | -2.06  | -0.003 | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | 16QAM | NV | NT  | -2.52  | -0.004 | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | 16QAM | HV | NT  | 1.30   | 0.002  | PASS |
| NVNT | Band1<br>7 | 5  | 23755 | 25 | #0 | QPSK  | NV | -30 | 17.77  | 0.025  | PASS |
| NVNT | Band1<br>7 | 5  | 23755 | 25 | #0 | QPSK  | NV | -20 | 7.52   | 0.011  | PASS |
| NVNT | Band1<br>7 | 5  | 23755 | 25 | #0 | QPSK  | NV | 0   | -1.03  | -0.001 | PASS |
| NVNT | Band1<br>7 | 5  | 23755 | 25 | #0 | QPSK  | NV | 10  | -10.63 | -0.015 | PASS |
| NVNT | Band1<br>7 | 5  | 23755 | 25 | #0 | QPSK  | NV | 20  | -16.62 | -0.024 | PASS |
| NVNT | Band1      | 5  | 23755 | 25 | #0 | QPSK  | NV | 30  | -21.56 | -0.031 | PASS |

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|      |            |   |       |    |    |       |    |     |        |        |      |
|------|------------|---|-------|----|----|-------|----|-----|--------|--------|------|
|      | 7          |   |       |    |    |       |    |     |        |        |      |
| NVNT | Band1<br>7 | 5 | 23755 | 25 | #0 | QPSK  | NV | 40  | -27.41 | -0.039 | PASS |
| NVNT | Band1<br>7 | 5 | 23755 | 25 | #0 | QPSK  | NV | 50  | -31.74 | -0.045 | PASS |
| NVNT | Band1<br>7 | 5 | 23755 | 25 | #0 | 16QAM | NV | -30 | -36.42 | -0.052 | PASS |
| NVNT | Band1<br>7 | 5 | 23755 | 25 | #0 | 16QAM | NV | -20 | -37.61 | -0.053 | PASS |
| NVNT | Band1<br>7 | 5 | 23755 | 25 | #0 | 16QAM | NV | 0   | -39.47 | -0.056 | PASS |
| NVNT | Band1<br>7 | 5 | 23755 | 25 | #0 | 16QAM | NV | 10  | -40.41 | -0.057 | PASS |
| NVNT | Band1<br>7 | 5 | 23755 | 25 | #0 | 16QAM | NV | 20  | -38.95 | -0.055 | PASS |
| NVNT | Band1<br>7 | 5 | 23755 | 25 | #0 | 16QAM | NV | 30  | -39.04 | -0.055 | PASS |
| NVNT | Band1<br>7 | 5 | 23755 | 25 | #0 | 16QAM | NV | 40  | -39.15 | -0.055 | PASS |
| NVNT | Band1<br>7 | 5 | 23755 | 25 | #0 | 16QAM | NV | 50  | -39.44 | -0.056 | PASS |
| NVNT | Band1<br>7 | 5 | 23790 | 25 | #0 | QPSK  | NV | -30 | 8.20   | 0.012  | PASS |
| NVNT | Band1<br>7 | 5 | 23790 | 25 | #0 | QPSK  | NV | -20 | 5.39   | 0.008  | PASS |
| NVNT | Band1<br>7 | 5 | 23790 | 25 | #0 | QPSK  | NV | 0   | 3.92   | 0.006  | PASS |
| NVNT | Band1<br>7 | 5 | 23790 | 25 | #0 | QPSK  | NV | 10  | 1.52   | 0.002  | PASS |
| NVNT | Band1<br>7 | 5 | 23790 | 25 | #0 | QPSK  | NV | 20  | -2.02  | -0.003 | PASS |
| NVNT | Band1<br>7 | 5 | 23790 | 25 | #0 | QPSK  | NV | 30  | -4.09  | -0.006 | PASS |
| NVNT | Band1<br>7 | 5 | 23790 | 25 | #0 | QPSK  | NV | 40  | -5.41  | -0.008 | PASS |
| NVNT | Band1<br>7 | 5 | 23790 | 25 | #0 | QPSK  | NV | 50  | -7.15  | -0.010 | PASS |
| NVNT | Band1<br>7 | 5 | 23790 | 25 | #0 | 16QAM | NV | -30 | -9.78  | -0.014 | PASS |
| NVNT | Band1<br>7 | 5 | 23790 | 25 | #0 | 16QAM | NV | -20 | -9.68  | -0.014 | PASS |
| NVNT | Band1<br>7 | 5 | 23790 | 25 | #0 | 16QAM | NV | 0   | -9.41  | -0.013 | PASS |
| NVNT | Band1      | 5 | 23790 | 25 | #0 | 16QAM | NV | 10  | -8.25  | -0.012 | PASS |

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|      |            |    |       |    |    |       |    |     |        |        |      |
|------|------------|----|-------|----|----|-------|----|-----|--------|--------|------|
|      | 7          |    |       |    |    |       |    |     |        |        |      |
| NVNT | Band1<br>7 | 5  | 23790 | 25 | #0 | 16QAM | NV | 20  | -8.00  | -0.011 | PASS |
| NVNT | Band1<br>7 | 5  | 23790 | 25 | #0 | 16QAM | NV | 30  | -7.52  | -0.011 | PASS |
| NVNT | Band1<br>7 | 5  | 23790 | 25 | #0 | 16QAM | NV | 40  | -6.64  | -0.009 | PASS |
| NVNT | Band1<br>7 | 5  | 23790 | 25 | #0 | 16QAM | NV | 50  | -5.55  | -0.008 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | QPSK  | NV | -30 | -1.16  | -0.002 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | QPSK  | NV | -20 | -2.39  | -0.003 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | QPSK  | NV | 0   | -6.08  | -0.009 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | QPSK  | NV | 10  | -9.00  | -0.013 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | QPSK  | NV | 20  | -12.99 | -0.018 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | QPSK  | NV | 30  | -15.89 | -0.022 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | QPSK  | NV | 40  | -19.23 | -0.027 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | QPSK  | NV | 50  | -21.73 | -0.030 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | 16QAM | NV | -30 | -24.03 | -0.034 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | 16QAM | NV | -20 | -24.70 | -0.035 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | 16QAM | NV | 0   | -24.63 | -0.035 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | 16QAM | NV | 10  | -24.20 | -0.034 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | 16QAM | NV | 20  | -24.45 | -0.034 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | 16QAM | NV | 30  | -25.33 | -0.036 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | 16QAM | NV | 40  | -26.42 | -0.037 | PASS |
| NVNT | Band1<br>7 | 5  | 23825 | 25 | #0 | 16QAM | NV | 50  | -26.55 | -0.037 | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | QPSK  | NV | -30 | 18.40  | 0.026  | PASS |
| NVNT | Band1      | 10 | 23780 | 50 | #0 | QPSK  | NV | -20 | 5.55   | 0.008  | PASS |

## Report No.: STS2512459W04\_Appendix LTE Band 17

|      |            |    |       |    |    |       |    |     |        |        |      |
|------|------------|----|-------|----|----|-------|----|-----|--------|--------|------|
|      | 7          |    |       |    |    |       |    |     |        |        |      |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | QPSK  | NV | 0   | -5.75  | -0.008 | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | QPSK  | NV | 10  | -15.65 | -0.022 | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | QPSK  | NV | 20  | -23.46 | -0.033 | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | QPSK  | NV | 30  | -30.57 | -0.043 | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | QPSK  | NV | 40  | -35.29 | -0.050 | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | QPSK  | NV | 50  | -41.01 | -0.058 | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | 16QAM | NV | -30 | -45.08 | -0.064 | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | 16QAM | NV | -20 | -45.86 | -0.065 | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | 16QAM | NV | 0   | -46.01 | -0.065 | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | 16QAM | NV | 10  | -46.22 | -0.065 | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | 16QAM | NV | 20  | -45.91 | -0.065 | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | 16QAM | NV | 30  | -46.98 | -0.066 | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | 16QAM | NV | 40  | -45.86 | -0.065 | PASS |
| NVNT | Band1<br>7 | 10 | 23780 | 50 | #0 | 16QAM | NV | 50  | -46.43 | -0.065 | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | QPSK  | NV | -30 | 4.81   | 0.007  | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | QPSK  | NV | -20 | 2.03   | 0.003  | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | QPSK  | NV | 0   | -0.67  | -0.001 | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | QPSK  | NV | 10  | -2.85  | -0.004 | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | QPSK  | NV | 20  | -4.78  | -0.007 | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | QPSK  | NV | 30  | -6.85  | -0.010 | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | QPSK  | NV | 40  | -8.21  | -0.012 | PASS |
| NVNT | Band1      | 10 | 23790 | 50 | #0 | QPSK  | NV | 50  | -9.91  | -0.014 | PASS |

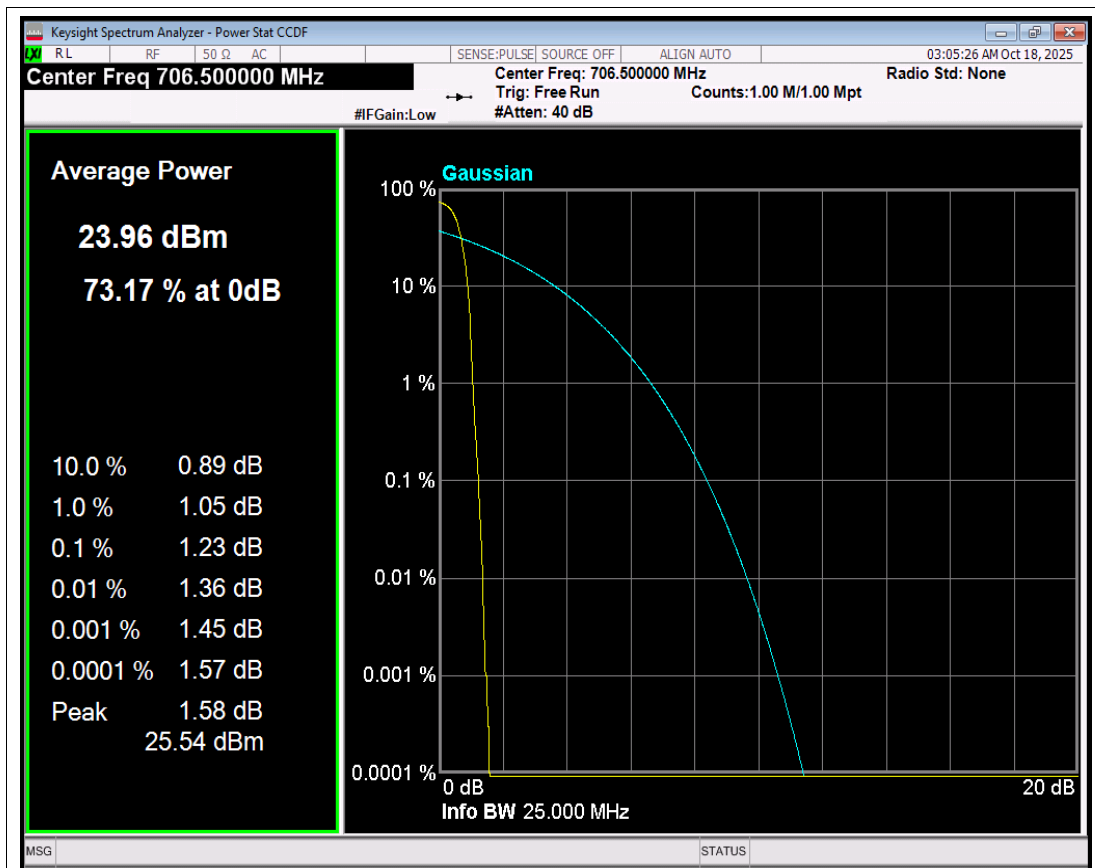
## Report No.: STS2512459W04\_Appendix LTE Band 17

|      |            |    |       |    |    |       |    |     |        |        |      |
|------|------------|----|-------|----|----|-------|----|-----|--------|--------|------|
|      | 7          |    |       |    |    |       |    |     |        |        |      |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | 16QAM | NV | -30 | -10.80 | -0.015 | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | 16QAM | NV | -20 | -9.84  | -0.014 | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | 16QAM | NV | 0   | -8.13  | -0.011 | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | 16QAM | NV | 10  | -5.12  | -0.007 | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | 16QAM | NV | 20  | -4.43  | -0.006 | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | 16QAM | NV | 30  | -2.55  | -0.004 | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | 16QAM | NV | 40  | -1.83  | -0.003 | PASS |
| NVNT | Band1<br>7 | 10 | 23790 | 50 | #0 | 16QAM | NV | 50  | -1.33  | -0.002 | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | QPSK  | NV | -30 | 8.05   | 0.011  | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | QPSK  | NV | -20 | 4.38   | 0.006  | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | QPSK  | NV | 0   | -0.83  | -0.001 | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | QPSK  | NV | 10  | -3.16  | -0.004 | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | QPSK  | NV | 20  | -6.18  | -0.009 | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | QPSK  | NV | 30  | -8.68  | -0.012 | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | QPSK  | NV | 40  | -12.30 | -0.017 | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | QPSK  | NV | 50  | -15.35 | -0.022 | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | 16QAM | NV | -30 | -16.52 | -0.023 | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | 16QAM | NV | -20 | -18.25 | -0.026 | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | 16QAM | NV | 0   | -19.18 | -0.027 | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | 16QAM | NV | 10  | -20.04 | -0.028 | PASS |
| NVNT | Band1<br>7 | 10 | 23800 | 50 | #0 | 16QAM | NV | 20  | -19.14 | -0.027 | PASS |
| NVNT | Band1      | 10 | 23800 | 50 | #0 | 16QAM | NV | 30  | -20.17 | -0.028 | PASS |

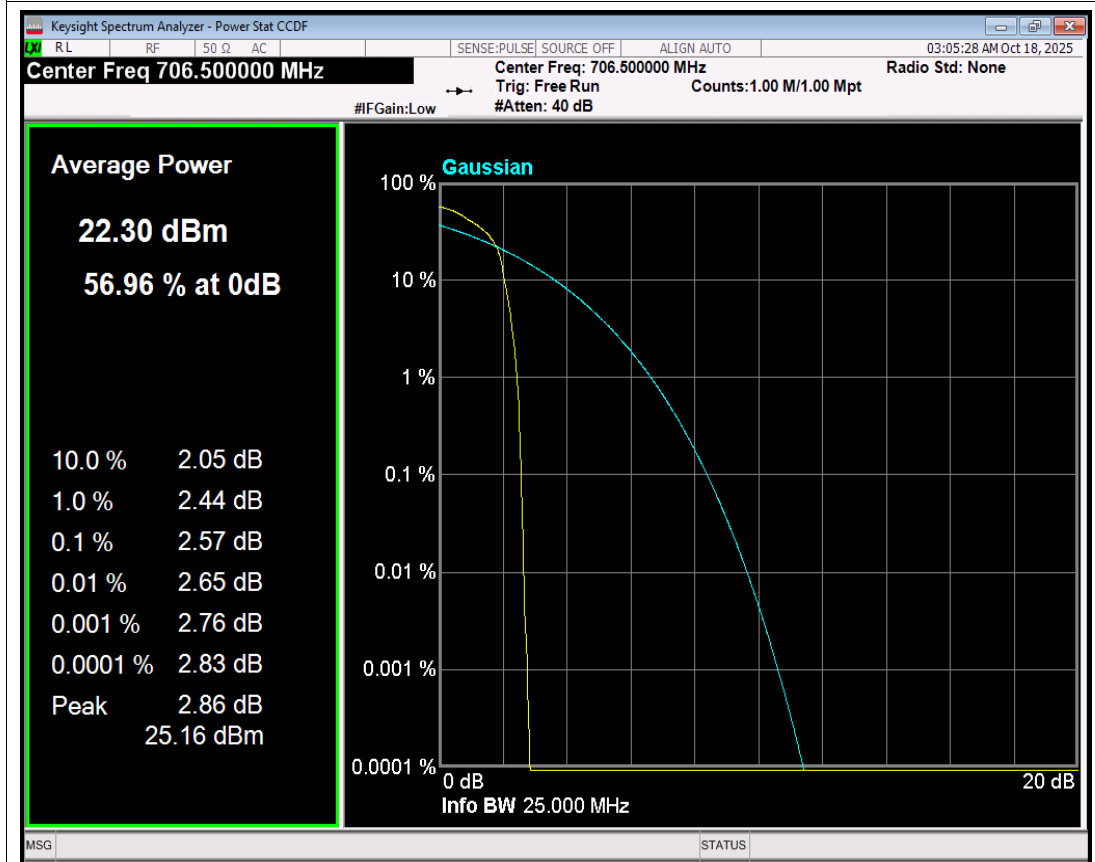


**Appendix 3. Peak-to-Average Ratio**

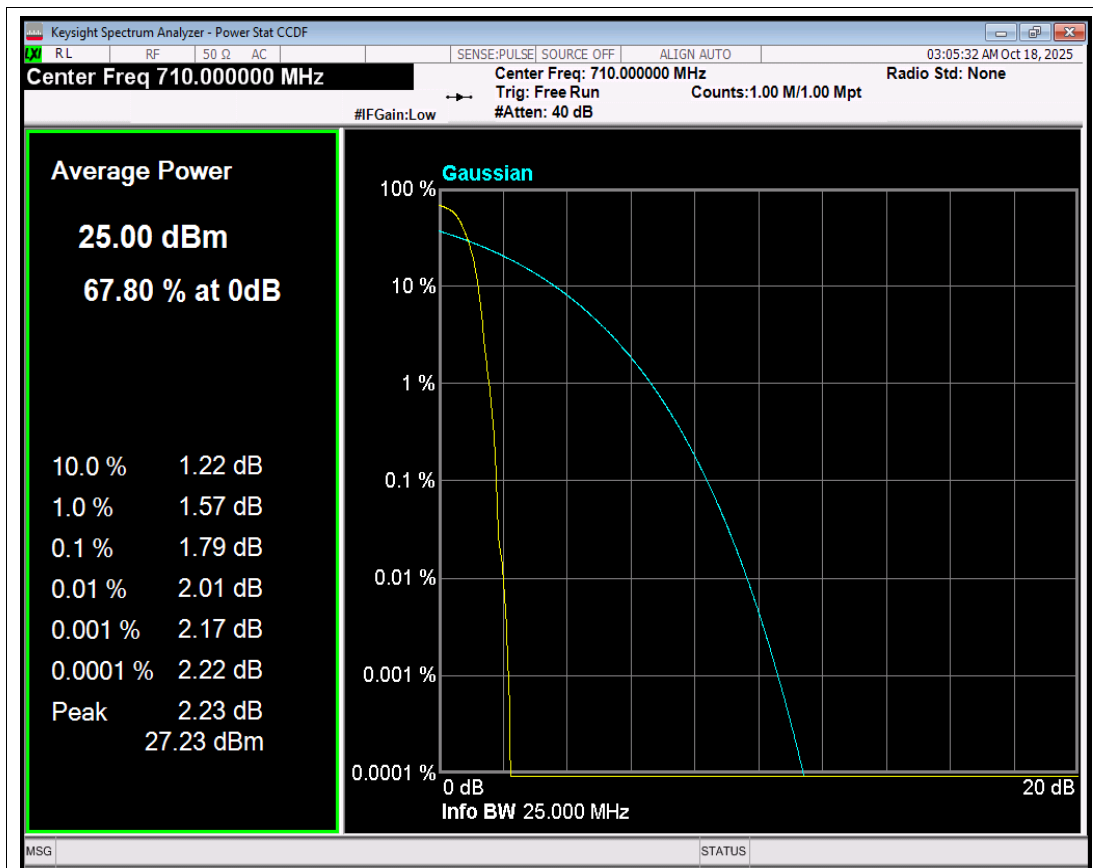
| <i>Condition</i> | <i>Band</i> | <i>Bandwidth<br/>(MHz)</i> | <i>UL<br/>Channel</i> | <i>RB<br/>Size</i> | <i>RB<br/>Position</i> | <i>Modulation</i> | <i>Result<br/>(dB)</i> | <i>high Limit<br/>(dB)</i> | <i>Verdict</i> |
|------------------|-------------|----------------------------|-----------------------|--------------------|------------------------|-------------------|------------------------|----------------------------|----------------|
| NVNT             | Band17      | 5                          | 23755                 | 1                  | #0                     | QPSK              | 1.23                   | 13                         | PASS           |
| NVNT             | Band17      | 5                          | 23755                 | 1                  | #0                     | 16QAM             | 2.57                   | 13                         | PASS           |
| NVNT             | Band17      | 5                          | 23790                 | 1                  | #0                     | QPSK              | 1.79                   | 13                         | PASS           |
| NVNT             | Band17      | 5                          | 23790                 | 1                  | #0                     | 16QAM             | 3.50                   | 13                         | PASS           |
| NVNT             | Band17      | 5                          | 23825                 | 1                  | #0                     | QPSK              | 2.10                   | 13                         | PASS           |
| NVNT             | Band17      | 5                          | 23825                 | 1                  | #0                     | 16QAM             | 3.92                   | 13                         | PASS           |
| NVNT             | Band17      | 10                         | 23780                 | 1                  | #0                     | QPSK              | 1.24                   | 13                         | PASS           |
| NVNT             | Band17      | 10                         | 23780                 | 1                  | #0                     | 16QAM             | 2.31                   | 13                         | PASS           |
| NVNT             | Band17      | 10                         | 23790                 | 1                  | #0                     | QPSK              | 1.35                   | 13                         | PASS           |
| NVNT             | Band17      | 10                         | 23790                 | 1                  | #0                     | 16QAM             | 2.02                   | 13                         | PASS           |
| NVNT             | Band17      | 10                         | 23800                 | 1                  | #0                     | QPSK              | 1.37                   | 13                         | PASS           |
| NVNT             | Band17      | 10                         | 23800                 | 1                  | #0                     | 16QAM             | 2.79                   | 13                         | PASS           |



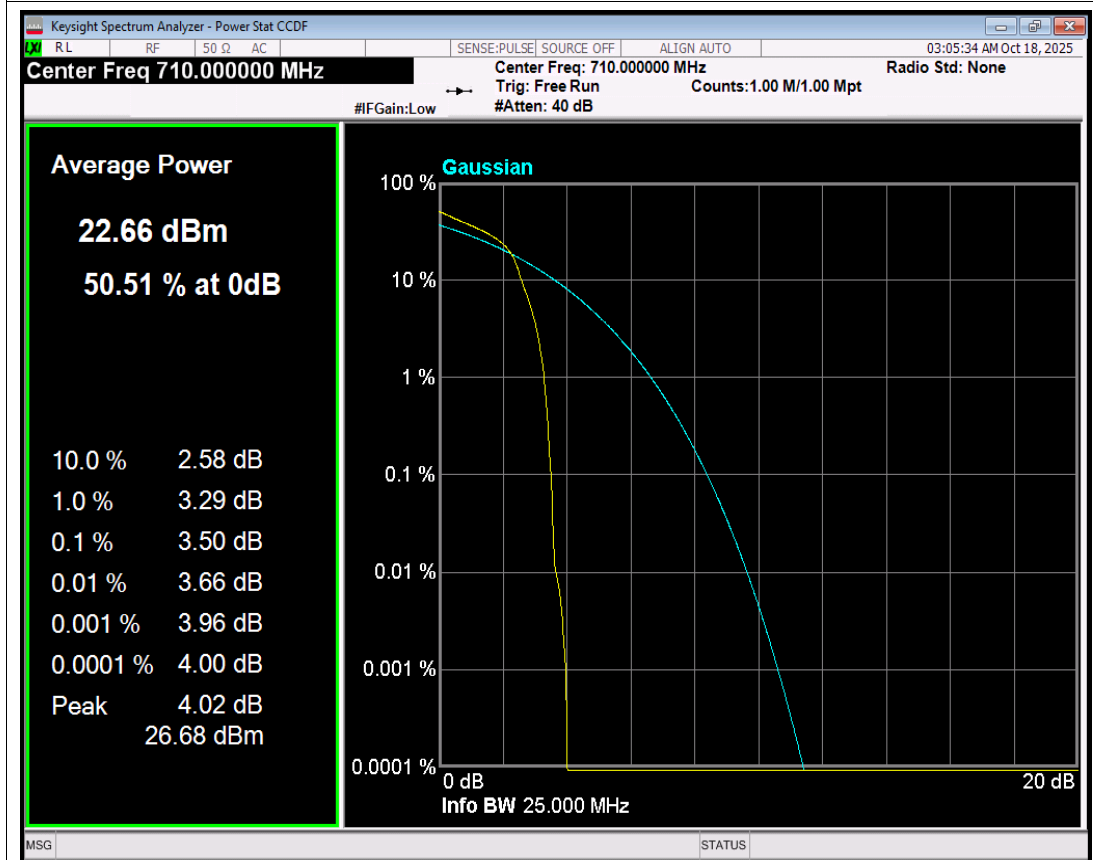
Band17 QPSK BW=5MHz Channel=23755 RB Size=1 Position=#0 NVNT



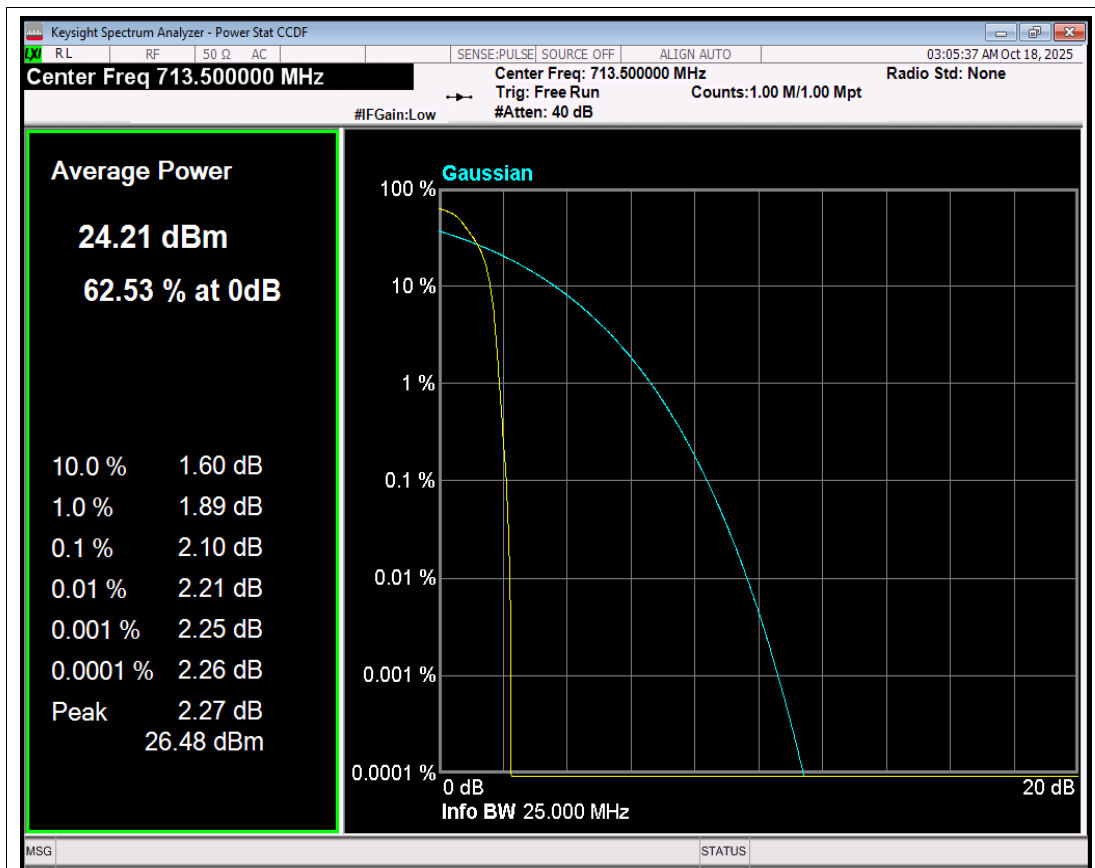
Band17 16QAM BW=5MHz Channel=23755 RB Size=1 Position=#0 NVNT



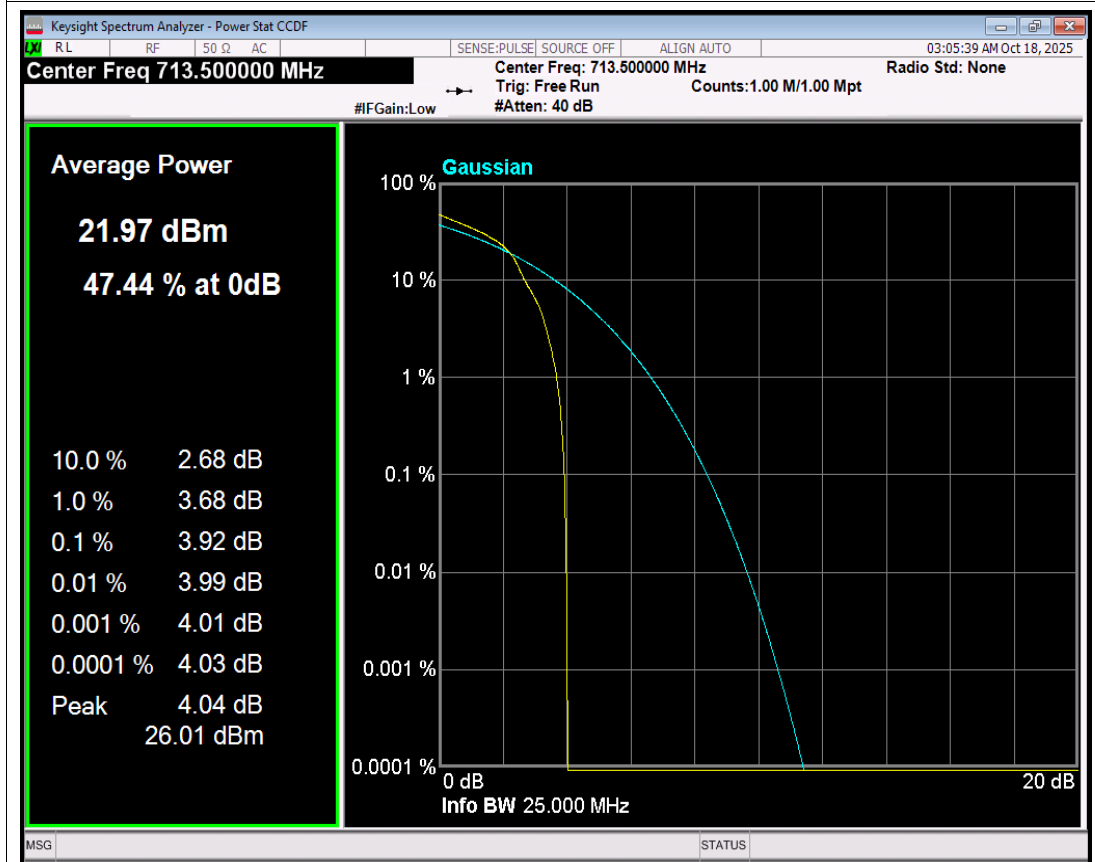
Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0 NVNT



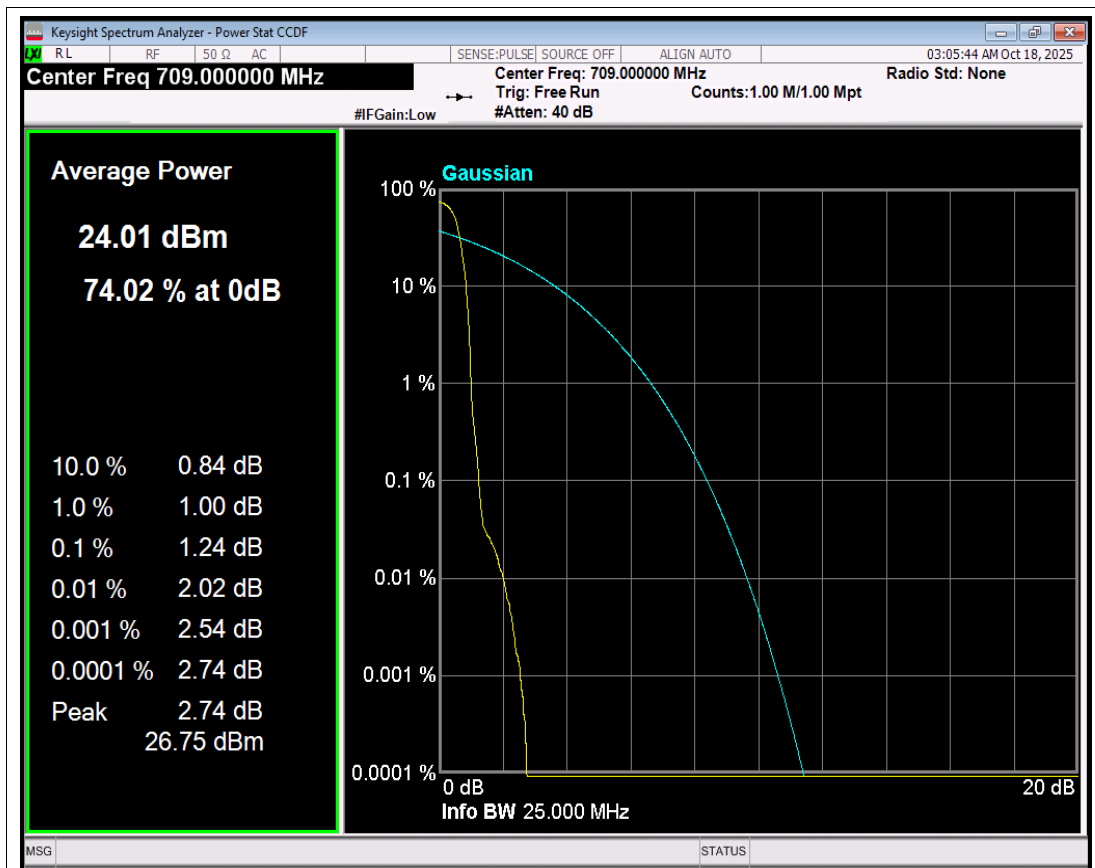
Band17 16QAM BW=5MHz Channel=23790 RB Size=1 Position=#0 NVNT



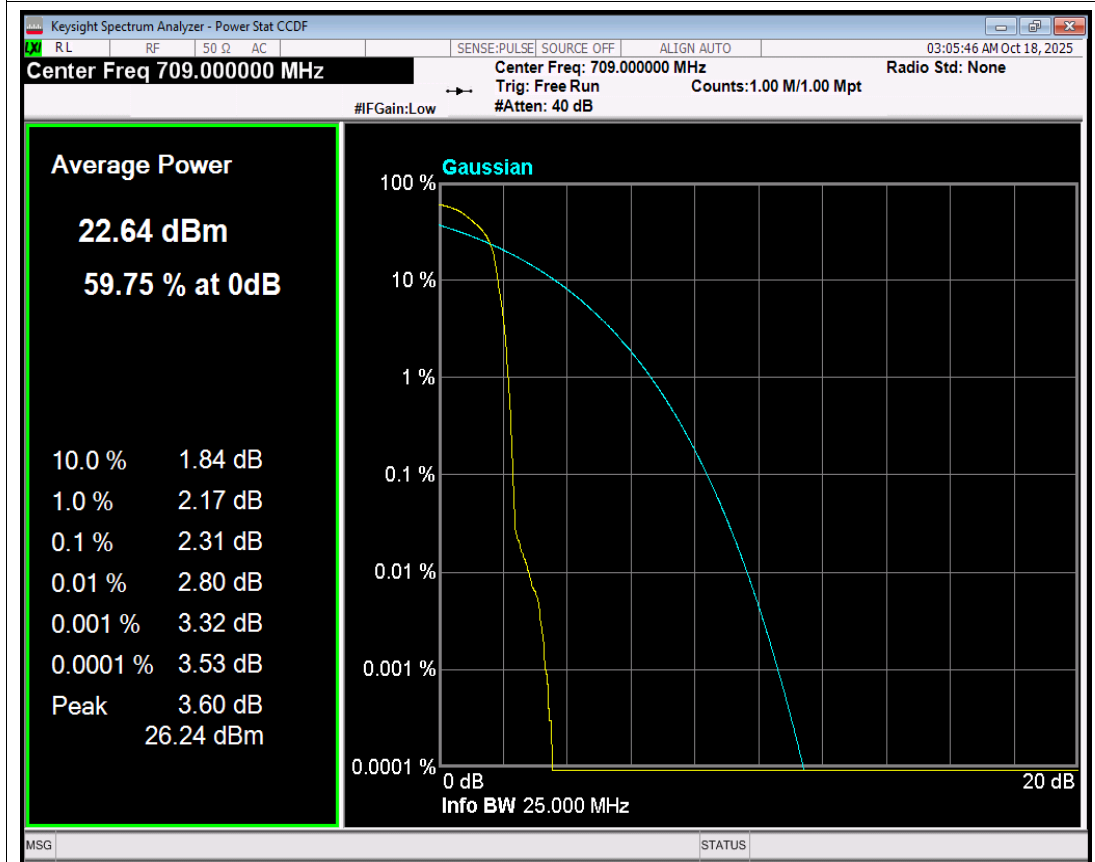
Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#0 NVNT



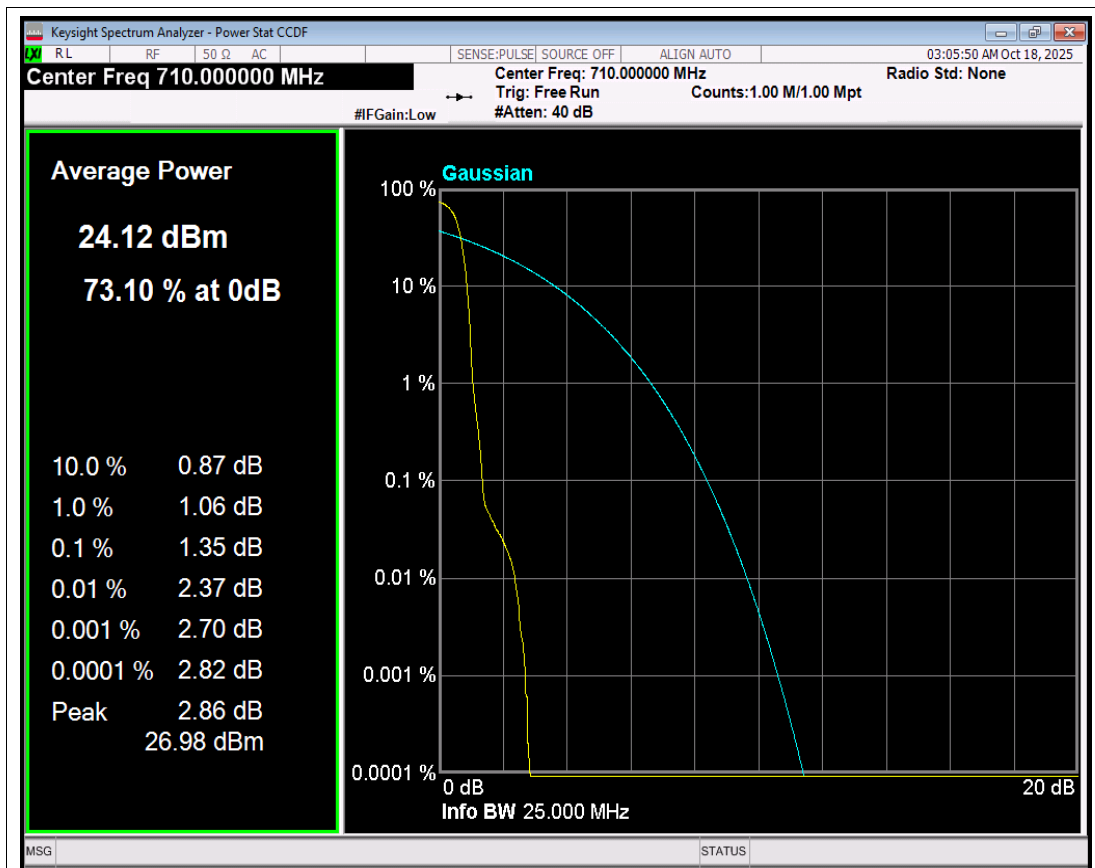
Band17 16QAM BW=5MHz Channel=23825 RB Size=1 Position=#0 NVNT



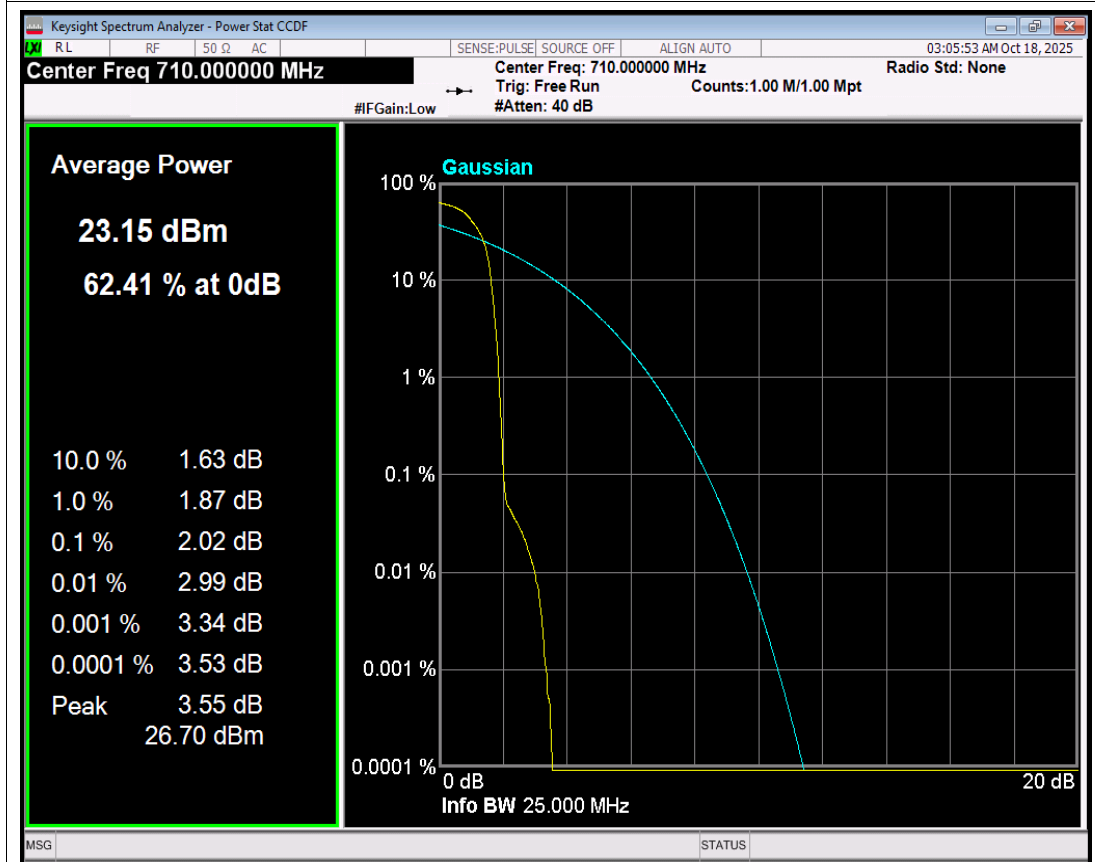
Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#0 NVNT



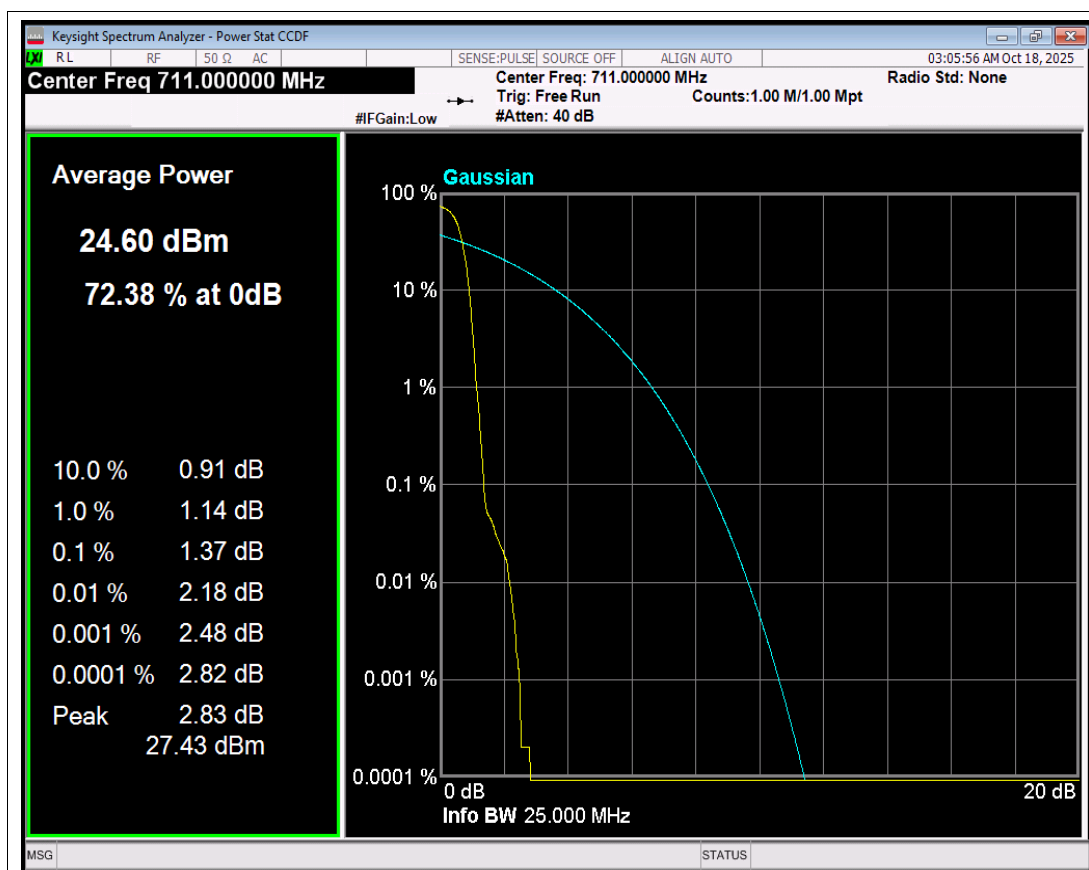
Band17 16QAM BW=10MHz Channel=23780 RB Size=1 Position=#0 NVNT



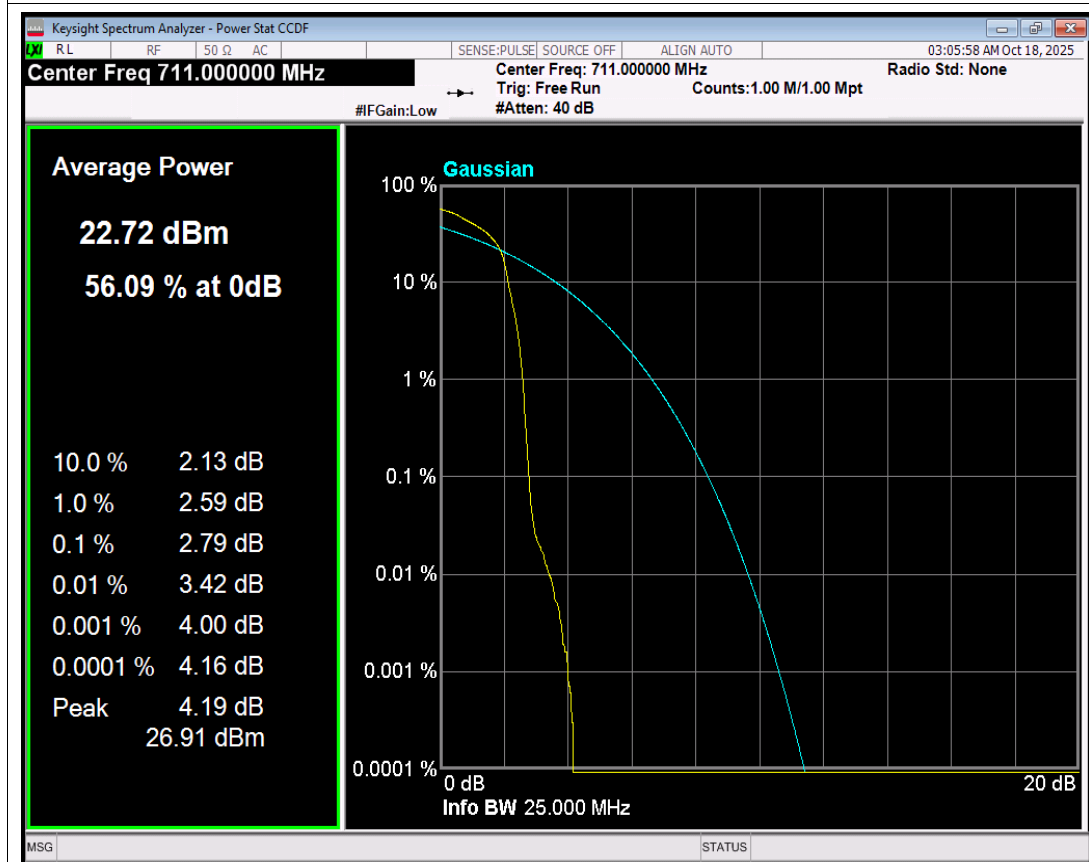
Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0 NVNT



Band17 16QAM BW=10MHz Channel=23790 RB Size=1 Position=#0 NVNT



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

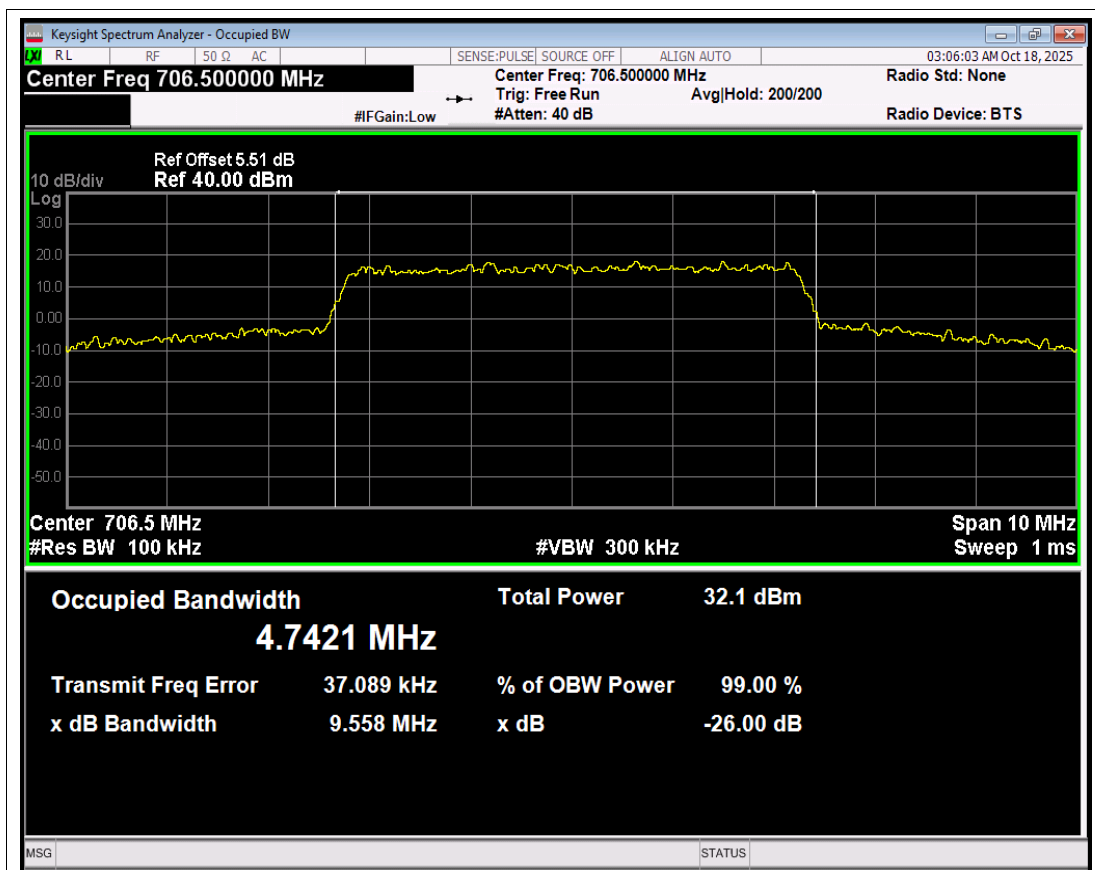


Band17 16QAM BW=10MHz Channel=23800 RB Size=1 Position=#0 NVNT

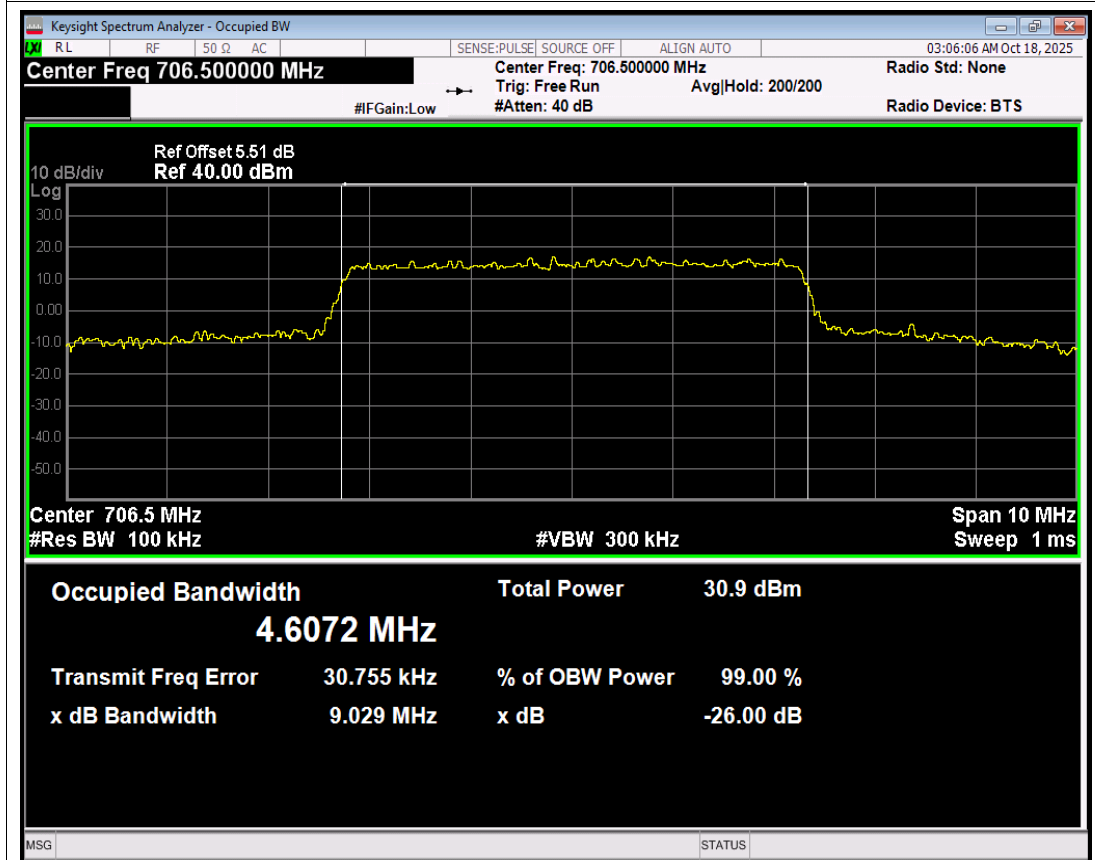


**Appendix 4.Occupied bandwidth**

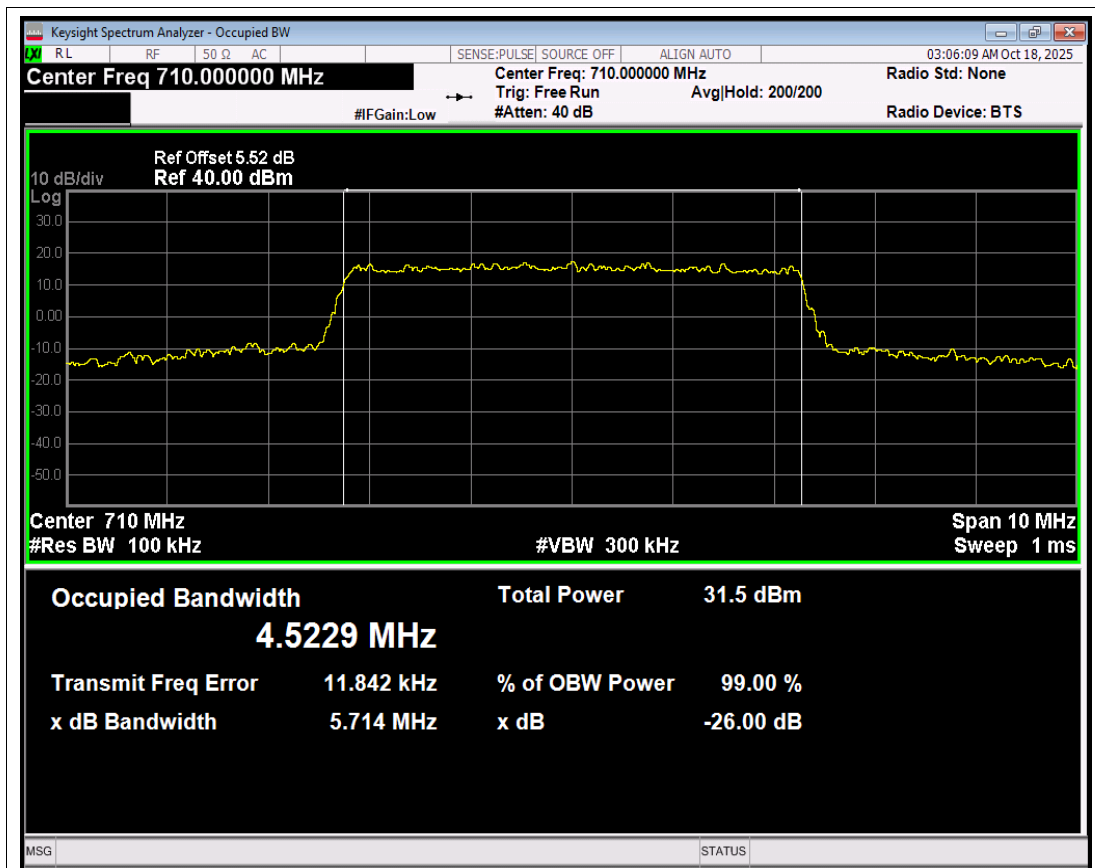
| <b>Condition</b> | <b>Band</b> | <b>Bandwidth<br/>(MHz)</b> | <b>UL<br/>Channel</b> | <b>RB<br/>Size</b> | <b>RB<br/>Position</b> | <b>Modulation</b> | <b>99% OBW<br/>(MHz)</b> | <b>-26dB EBW<br/>(MHz)</b> | <b>Verdict</b> |
|------------------|-------------|----------------------------|-----------------------|--------------------|------------------------|-------------------|--------------------------|----------------------------|----------------|
| NVNT             | Band17      | 5                          | 23755                 | 25                 | #0                     | QPSK              | 4.742                    | 9.558                      | PASS           |
| NVNT             | Band17      | 5                          | 23755                 | 25                 | #0                     | 16QAM             | 4.607                    | 9.029                      | PASS           |
| NVNT             | Band17      | 5                          | 23790                 | 25                 | #0                     | QPSK              | 4.523                    | 5.714                      | PASS           |
| NVNT             | Band17      | 5                          | 23790                 | 25                 | #0                     | 16QAM             | 4.519                    | 5.006                      | PASS           |
| NVNT             | Band17      | 5                          | 23825                 | 25                 | #0                     | QPSK              | 4.532                    | 5.735                      | PASS           |
| NVNT             | Band17      | 5                          | 23825                 | 25                 | #0                     | 16QAM             | 4.571                    | 7.336                      | PASS           |
| NVNT             | Band17      | 10                         | 23780                 | 50                 | #0                     | QPSK              | 9.079                    | 16.824                     | PASS           |
| NVNT             | Band17      | 10                         | 23780                 | 50                 | #0                     | 16QAM             | 9.046                    | 16.298                     | PASS           |
| NVNT             | Band17      | 10                         | 23790                 | 50                 | #0                     | QPSK              | 9.005                    | 12.245                     | PASS           |
| NVNT             | Band17      | 10                         | 23790                 | 50                 | #0                     | 16QAM             | 9.013                    | 14.031                     | PASS           |
| NVNT             | Band17      | 10                         | 23800                 | 50                 | #0                     | QPSK              | 9.005                    | 11.052                     | PASS           |
| NVNT             | Band17      | 10                         | 23800                 | 50                 | #0                     | 16QAM             | 9.010                    | 10.001                     | PASS           |



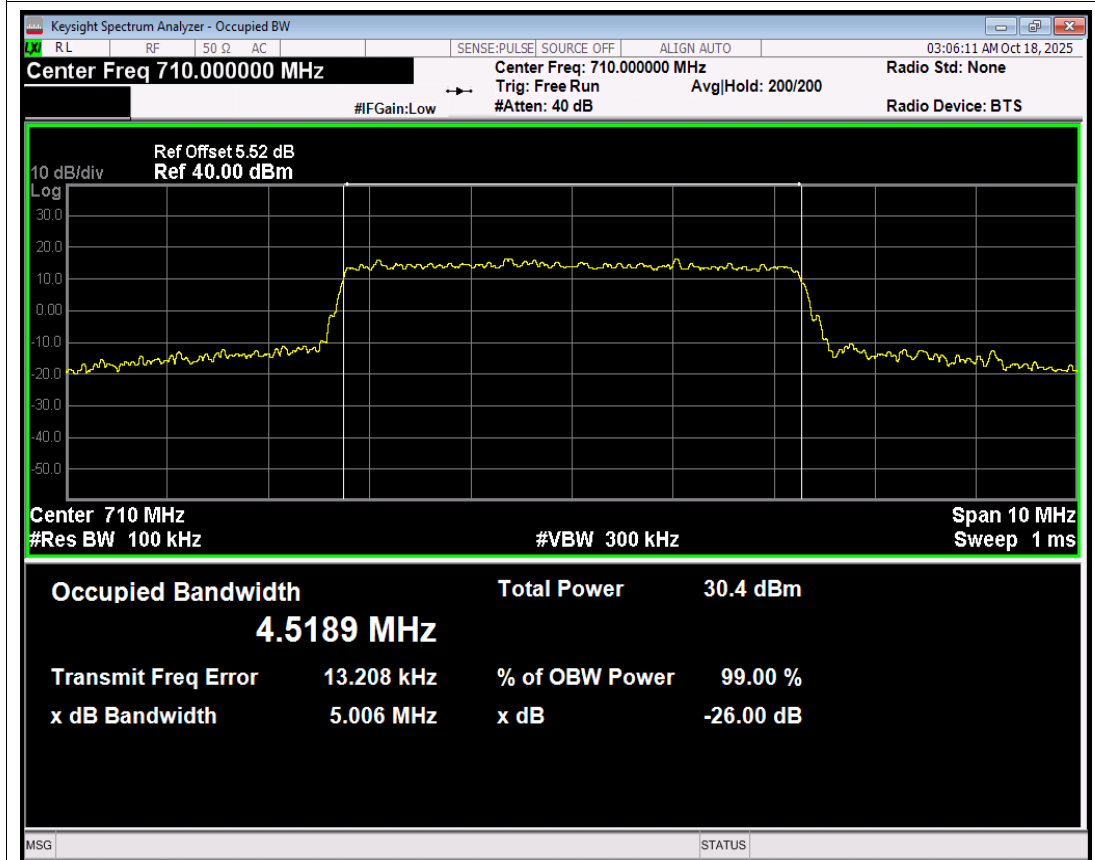
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0 NVNT



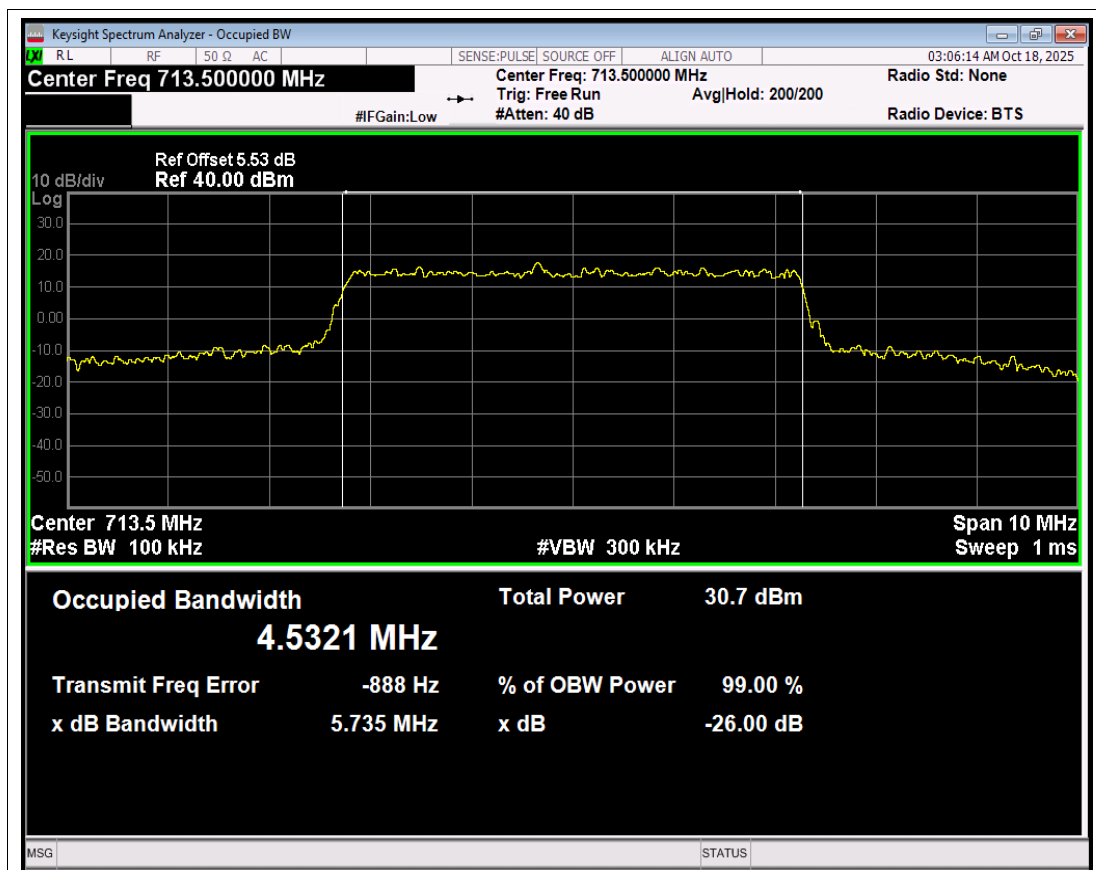
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0 NVNT



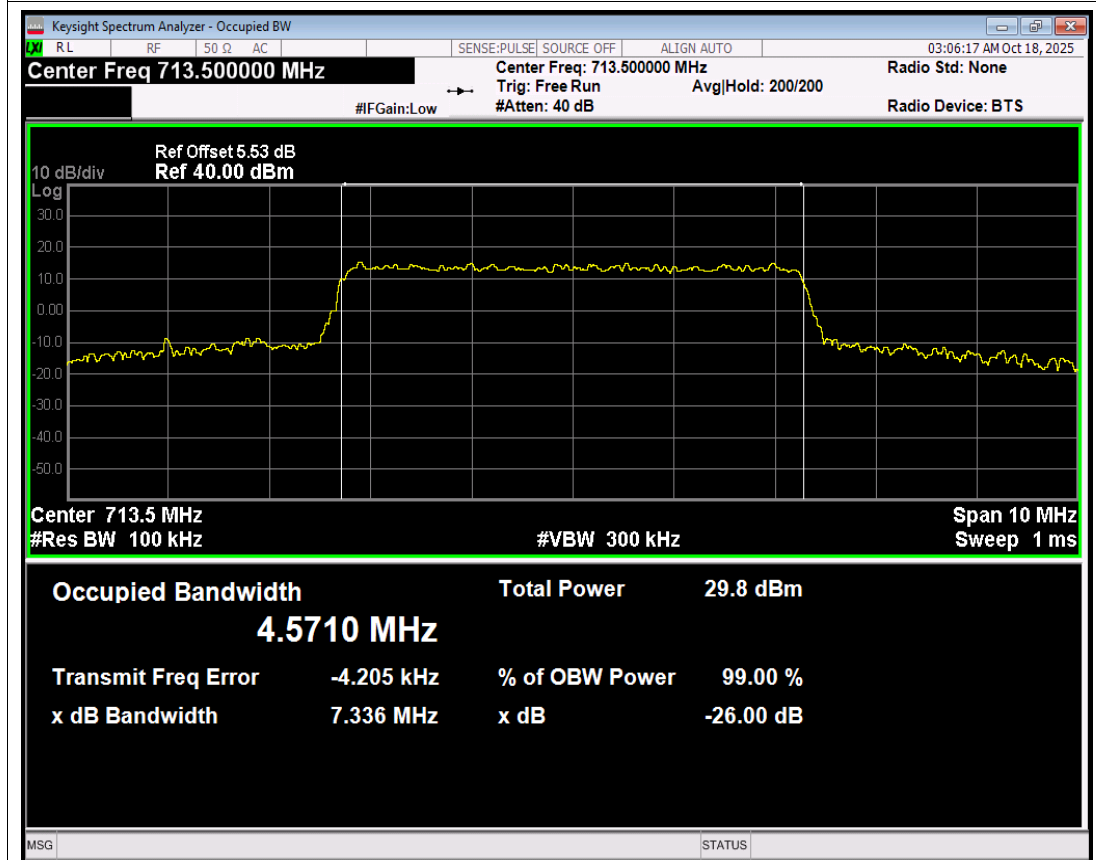
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0 NVNT



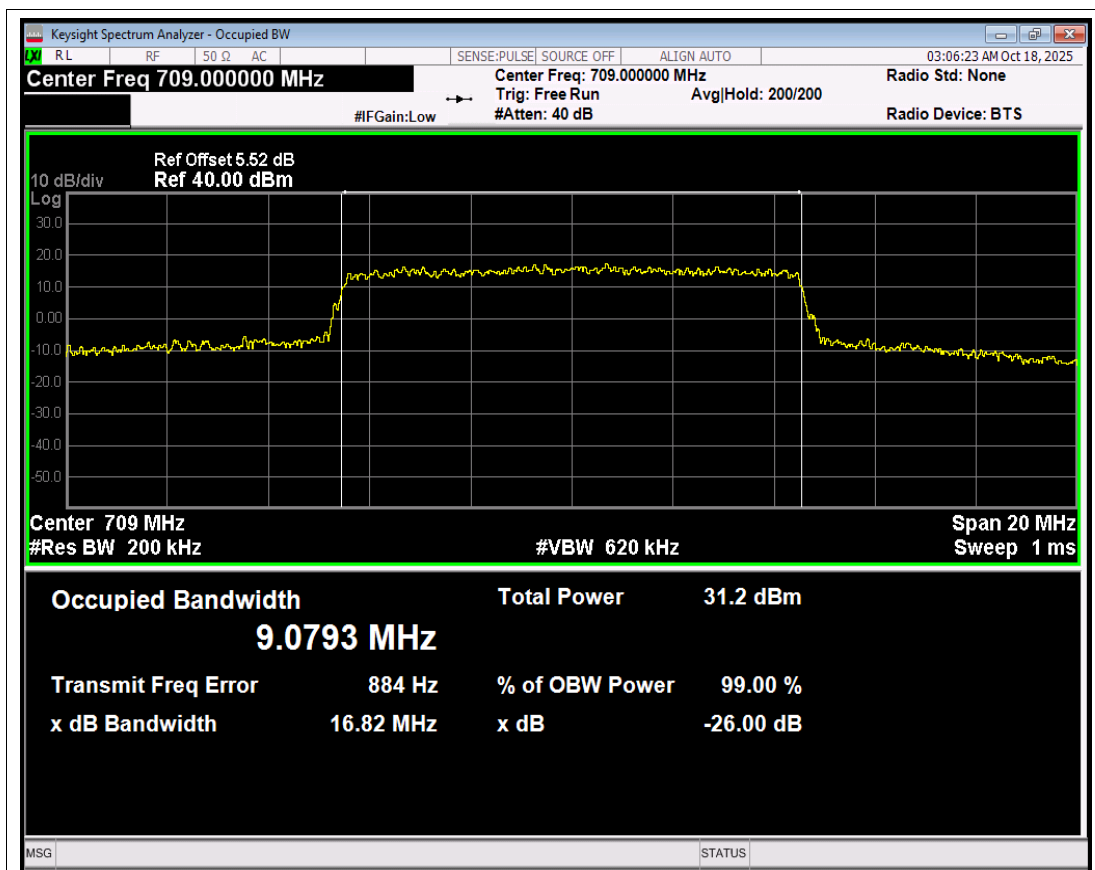
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0 NVNT



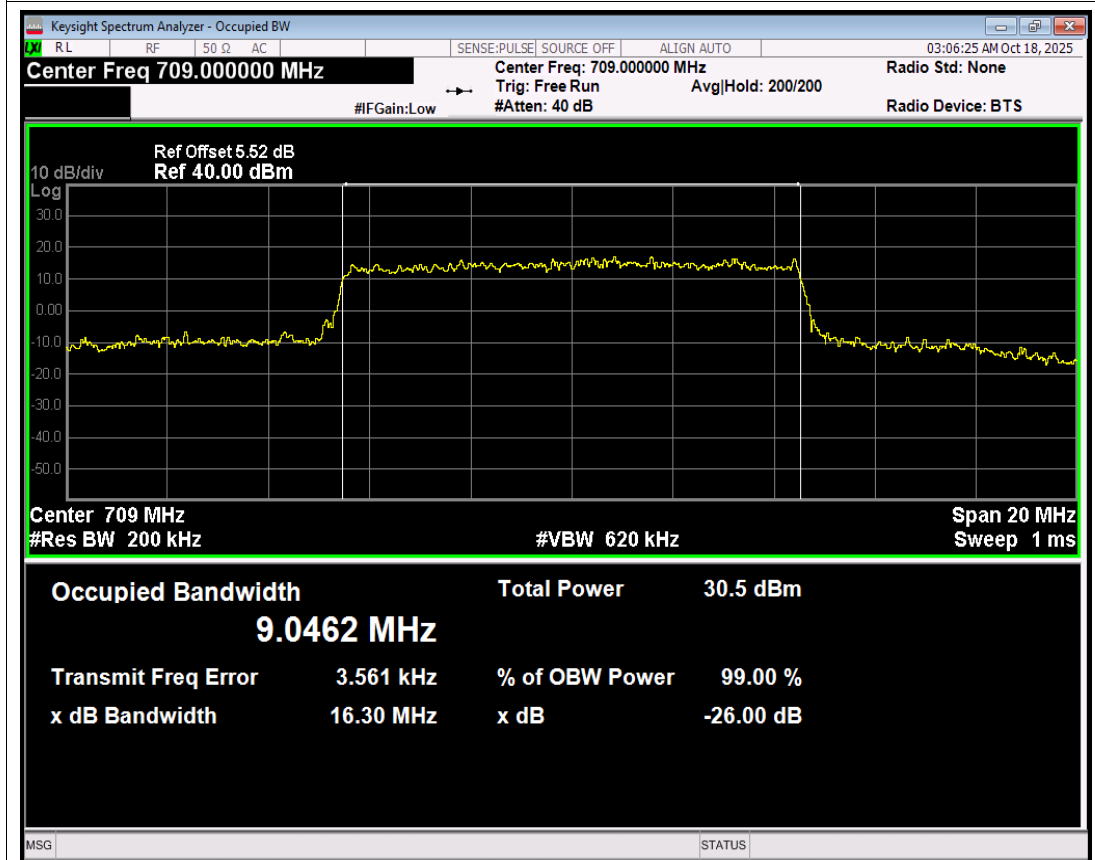
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0 NVNT



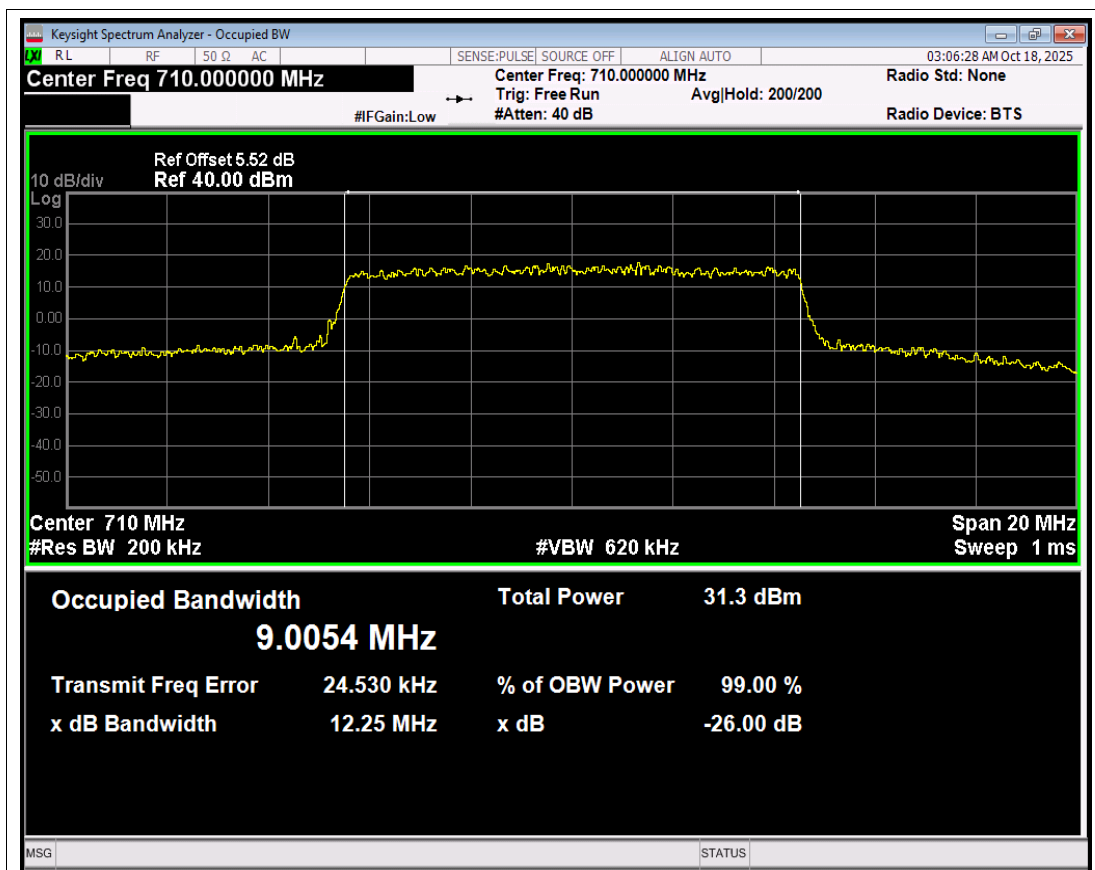
Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0 NVNT



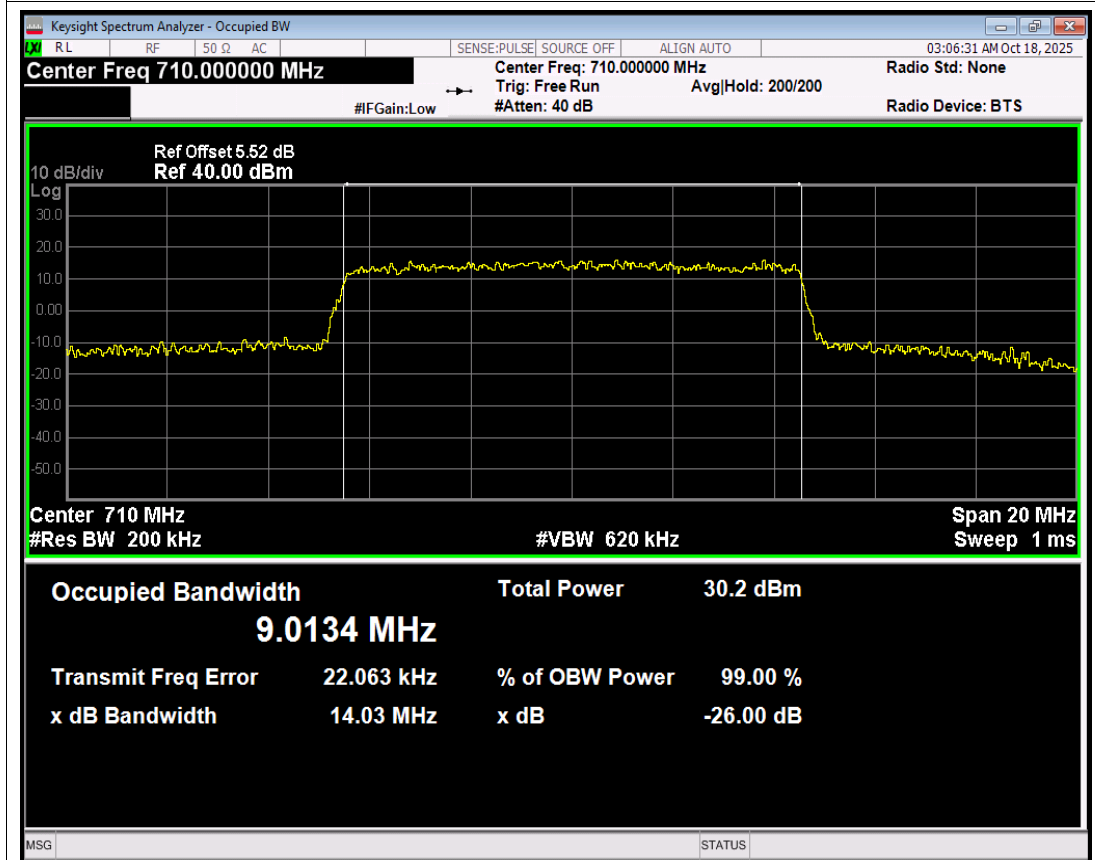
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0 NVNT



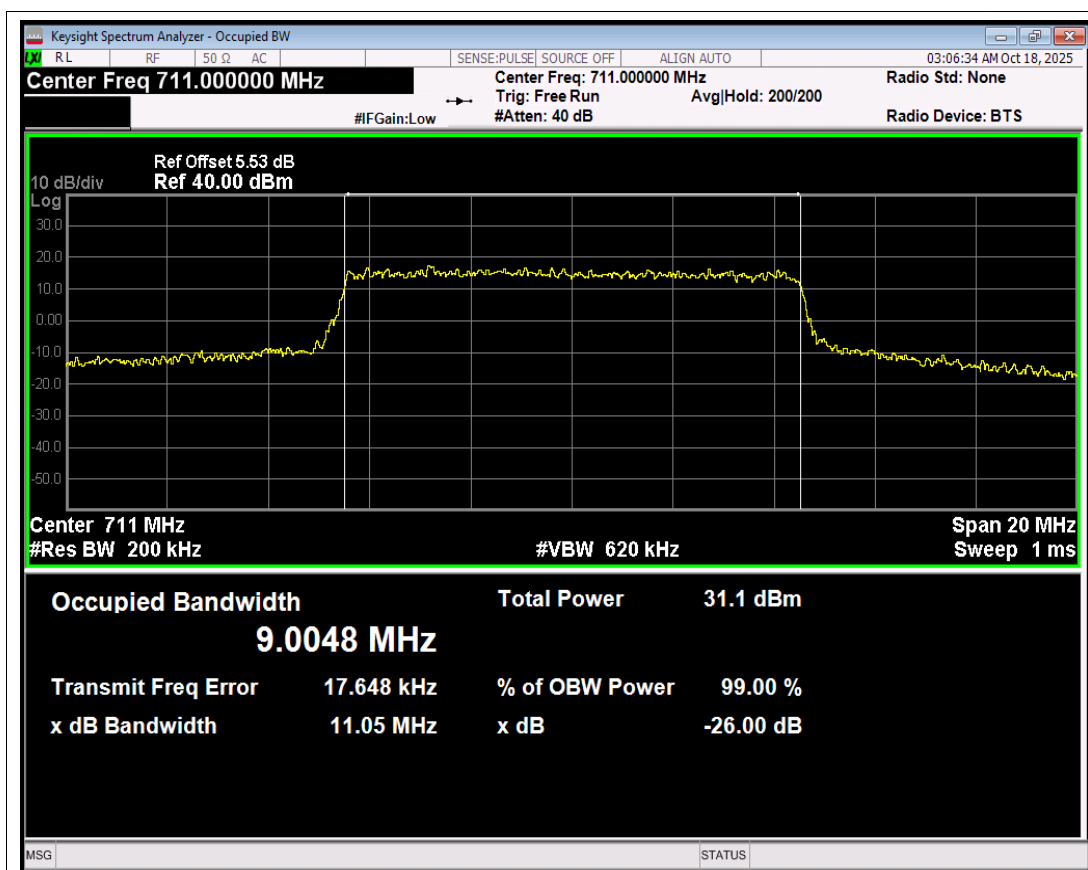
Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0 NVNT



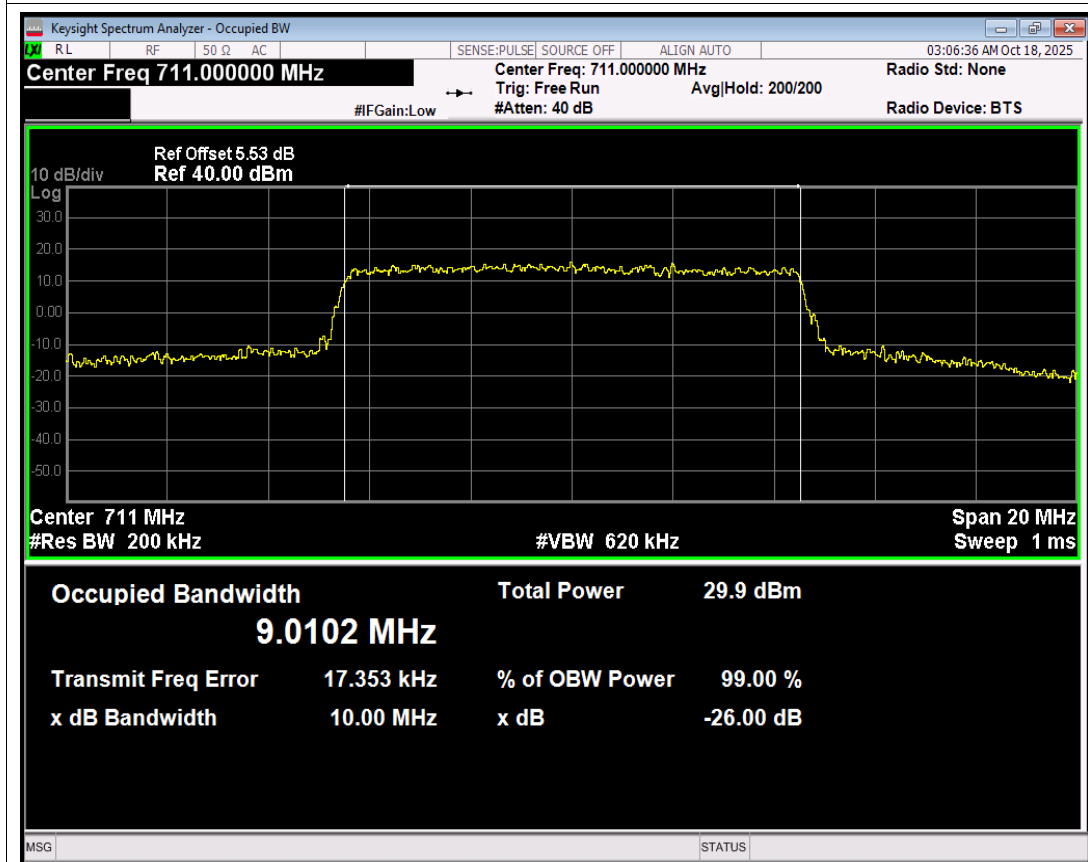
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0 NVNT



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



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

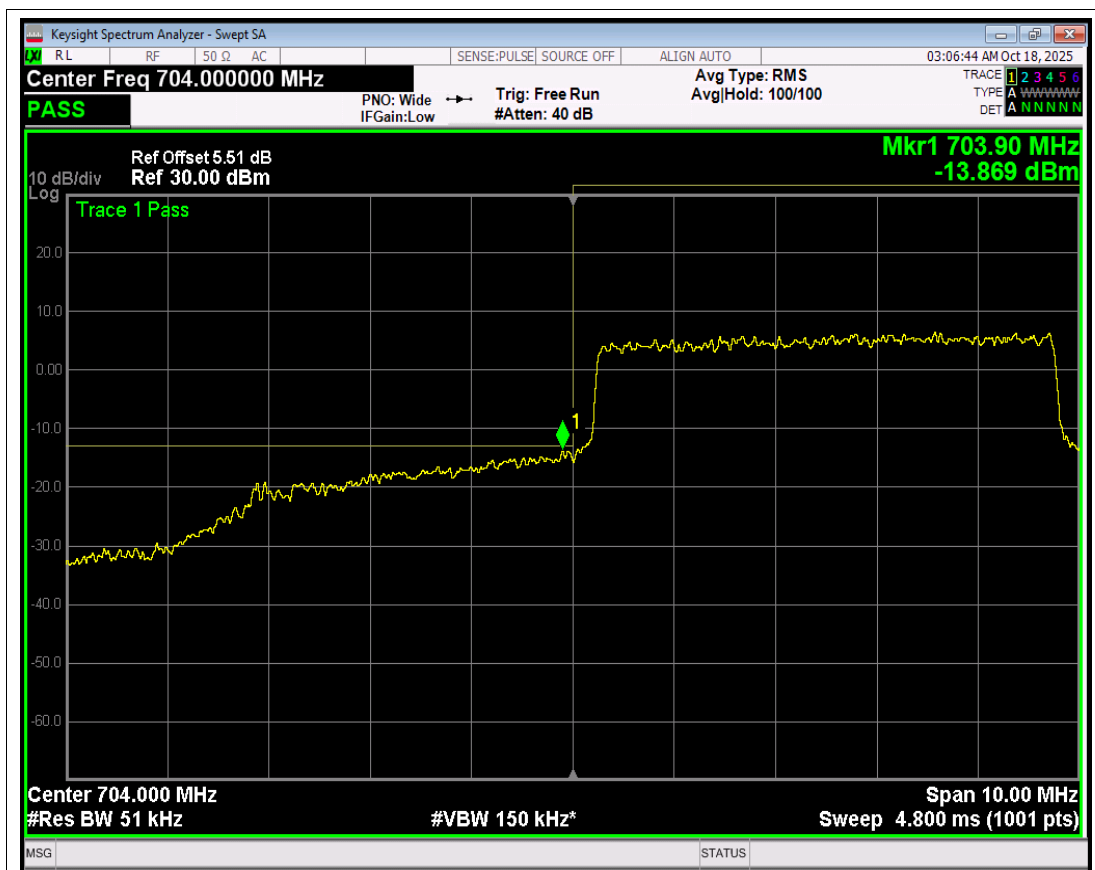


Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0 NVNT

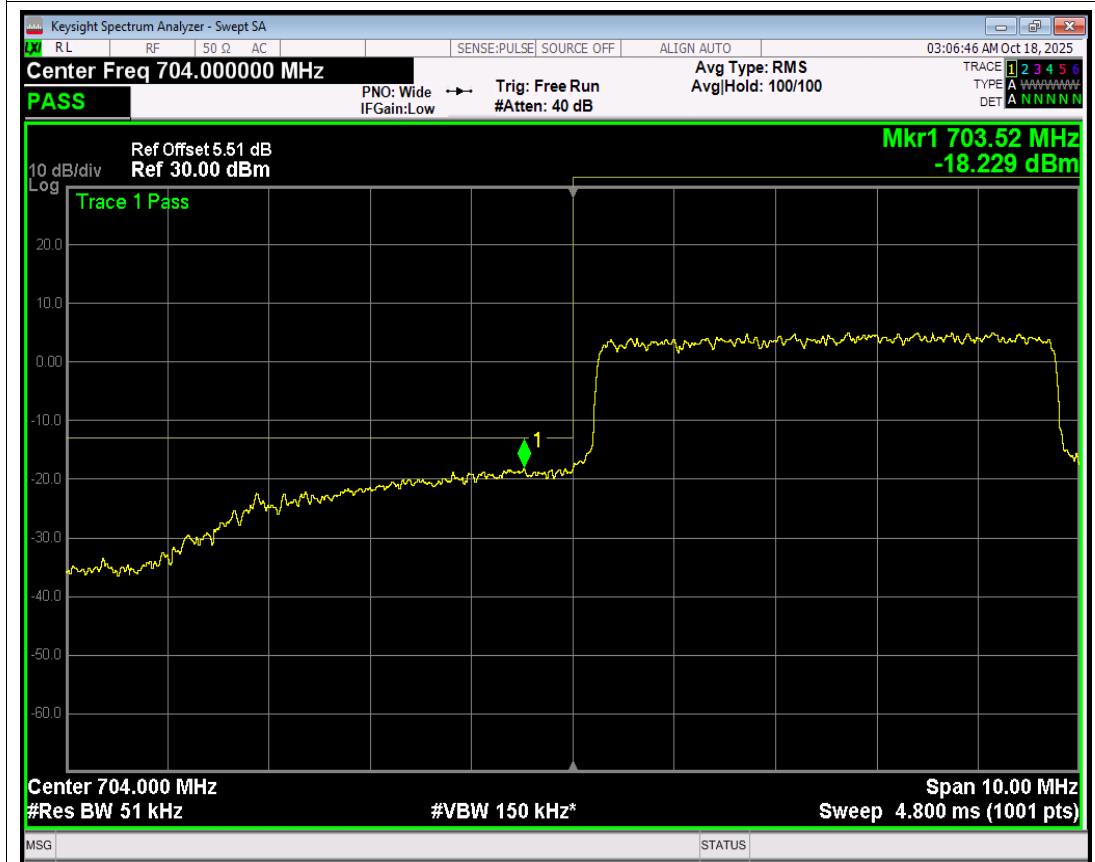


**Appendix 5. Band edge**

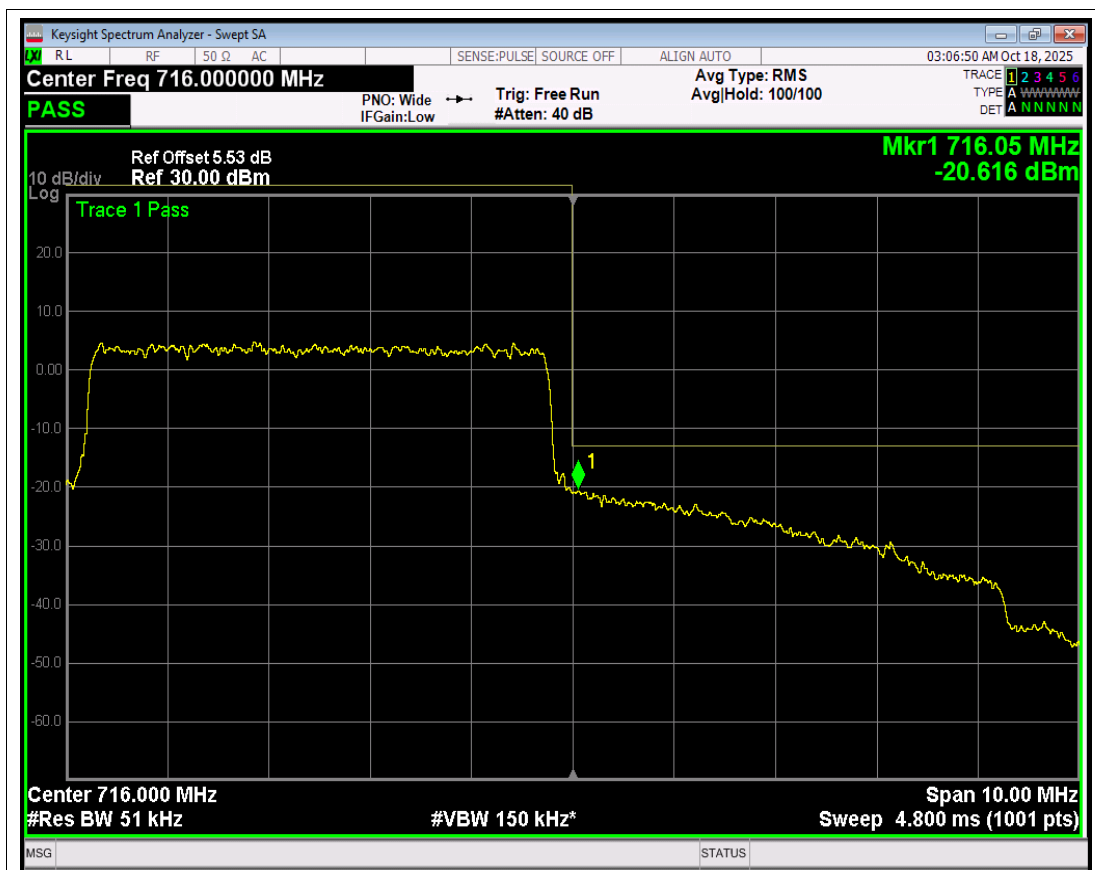
| <b>Condition</b> | <b>Band</b> | <b>Bandwidth<br/>(MHz)</b> | <b>UL<br/>Channel</b> | <b>RB<br/>Size</b> | <b>RB<br/>Position</b> | <b>Modulation</b> | <b>Spur<br/>Freq<br/>(MHz)</b> | <b>Spur<br/>Level<br/>(dBm)</b> | <b>Limit<br/>(dBm)</b> | <b>Verdict</b> |
|------------------|-------------|----------------------------|-----------------------|--------------------|------------------------|-------------------|--------------------------------|---------------------------------|------------------------|----------------|
| NVNT             | Band17      | 5                          | 23755                 | 25                 | #0                     | QPSK              | 703.90                         | -13.86                          | -13                    | PASS           |
| NVNT             | Band17      | 5                          | 23755                 | 25                 | #0                     | 16QAM             | 703.52                         | -18.22                          | -13                    | PASS           |
| NVNT             | Band17      | 5                          | 23825                 | 25                 | #0                     | QPSK              | 716.05                         | -20.61                          | -13                    | PASS           |
| NVNT             | Band17      | 5                          | 23825                 | 25                 | #0                     | 16QAM             | 716.00                         | -22.19                          | -13                    | PASS           |
| NVNT             | Band17      | 10                         | 23780                 | 50                 | #0                     | QPSK              | 703.96                         | -17.78                          | -13                    | PASS           |
| NVNT             | Band17      | 10                         | 23780                 | 50                 | #0                     | 16QAM             | 701.82                         | -20.36                          | -13                    | PASS           |
| NVNT             | Band17      | 10                         | 23800                 | 50                 | #0                     | QPSK              | 716.08                         | -19.82                          | -13                    | PASS           |
| NVNT             | Band17      | 10                         | 23800                 | 50                 | #0                     | 16QAM             | 716.02                         | -23.15                          | -13                    | PASS           |



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



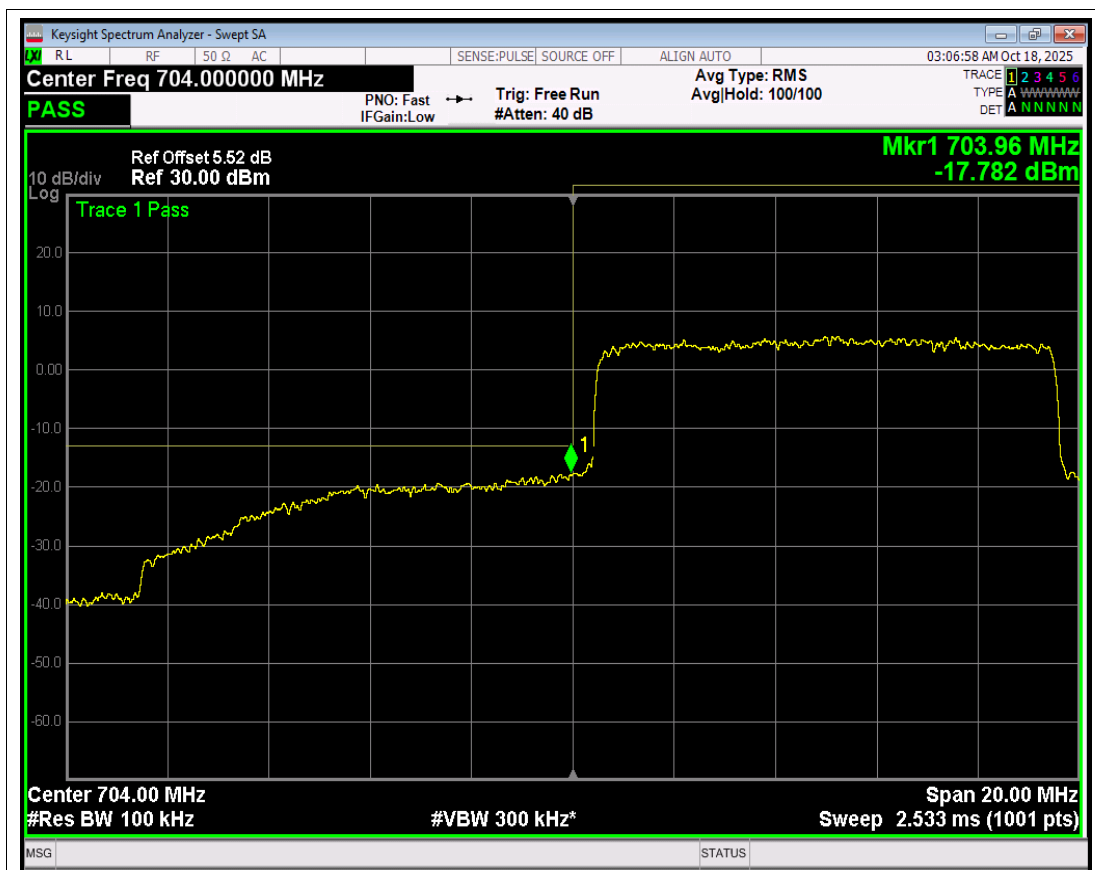
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0 NVNT



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



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



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



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



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

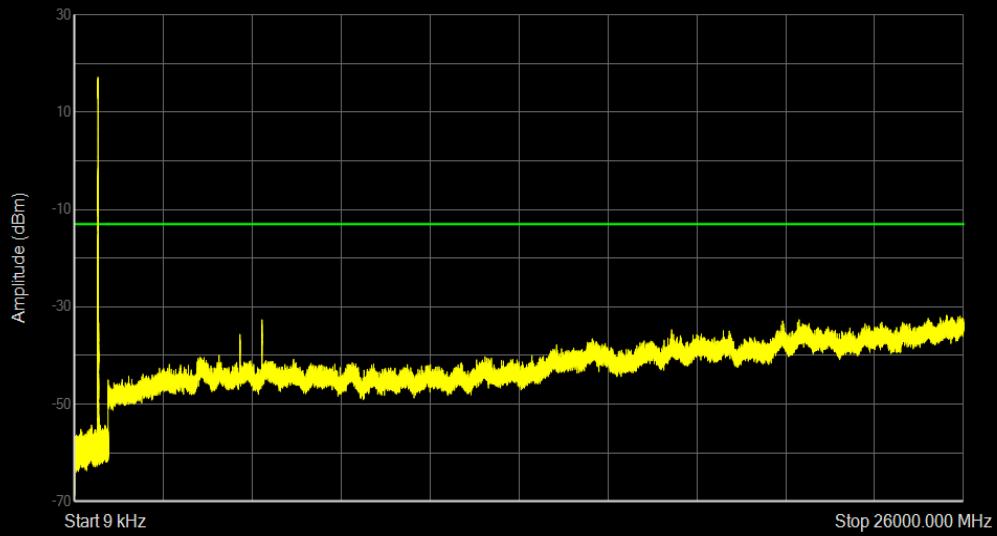


Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0 NVNT



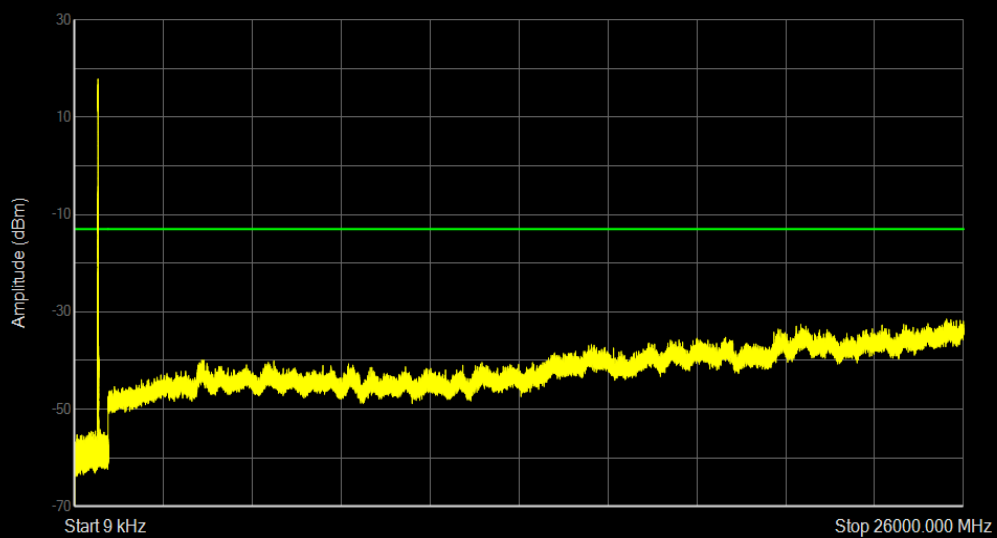
**Appendix 6.Out-of-band emissions**

| <b>Condition</b> | <b>Band</b> | <b>Bandwidth<br/>(MHz)</b> | <b>UL<br/>Channel</b> | <b>RB<br/>Size</b> | <b>RB<br/>Position</b> | <b>Modulation</b> | <b>Spur Freq<br/>(MHz)</b> | <b>Spur<br/>Level<br/>(dBm)</b> | <b>Limit<br/>(dBm)</b> | <b>Verdict</b> |
|------------------|-------------|----------------------------|-----------------------|--------------------|------------------------|-------------------|----------------------------|---------------------------------|------------------------|----------------|
| NVNT             | Band17      | 5                          | 23755                 | 25                 | #0                     | QPSK              | 25501.25                   | -31.73                          | -13                    | PASS           |
| NVNT             | Band17      | 5                          | 23755                 | 25                 | #0                     | 16QAM             | 25505.63                   | -31.49                          | -13                    | PASS           |
| NVNT             | Band17      | 5                          | 23790                 | 25                 | #0                     | QPSK              | 25708.13                   | -30.98                          | -13                    | PASS           |
| NVNT             | Band17      | 5                          | 23790                 | 25                 | #0                     | 16QAM             | 0.01                       | -26.23                          | -13                    | PASS           |
| NVNT             | Band17      | 5                          | 23825                 | 25                 | #0                     | QPSK              | 25896.25                   | -30.25                          | -13                    | PASS           |
| NVNT             | Band17      | 5                          | 23825                 | 25                 | #0                     | 16QAM             | 0.01                       | -29.63                          | -13                    | PASS           |
| NVNT             | Band17      | 10                         | 23780                 | 50                 | #0                     | QPSK              | 25554.38                   | -30.71                          | -13                    | PASS           |
| NVNT             | Band17      | 10                         | 23780                 | 50                 | #0                     | 16QAM             | 25778.75                   | -31.42                          | -13                    | PASS           |
| NVNT             | Band17      | 10                         | 23790                 | 50                 | #0                     | QPSK              | 0.01                       | -24.53                          | -13                    | PASS           |
| NVNT             | Band17      | 10                         | 23790                 | 50                 | #0                     | 16QAM             | 0.16                       | -25.43                          | -13                    | PASS           |
| NVNT             | Band17      | 10                         | 23800                 | 50                 | #0                     | QPSK              | 25926.88                   | -30.84                          | -13                    | PASS           |
| NVNT             | Band17      | 10                         | 23800                 | 50                 | #0                     | 16QAM             | 25536.88                   | -31.13                          | -13                    | PASS           |



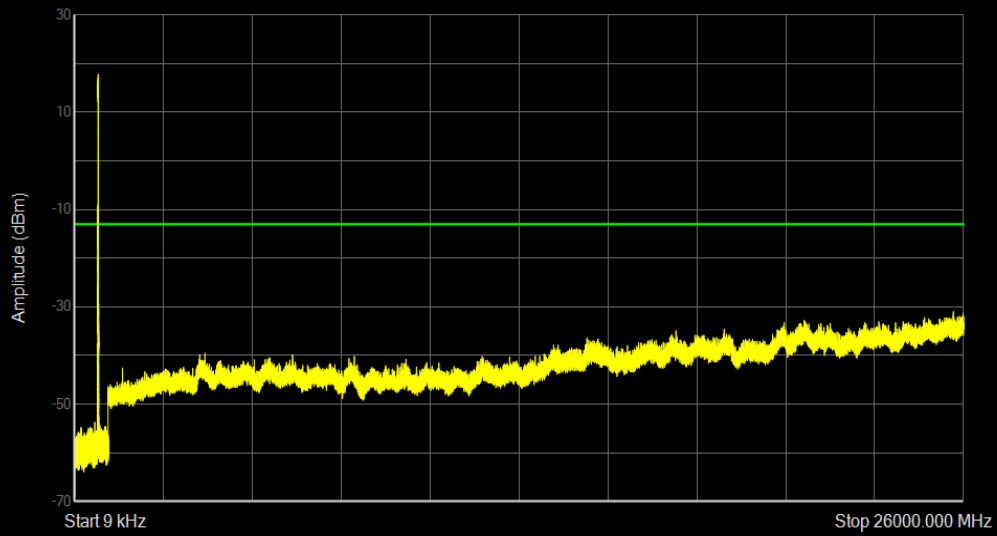
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009           | -35.78           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15820875      | -36.31           | -13         |
| 3     | 30          | 1000       | 100       | 515.0485        | -54.32           | -13         |
| 4     | 1000        | 26000      | 1000      | 25501.25        | -31.73           | -13         |

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



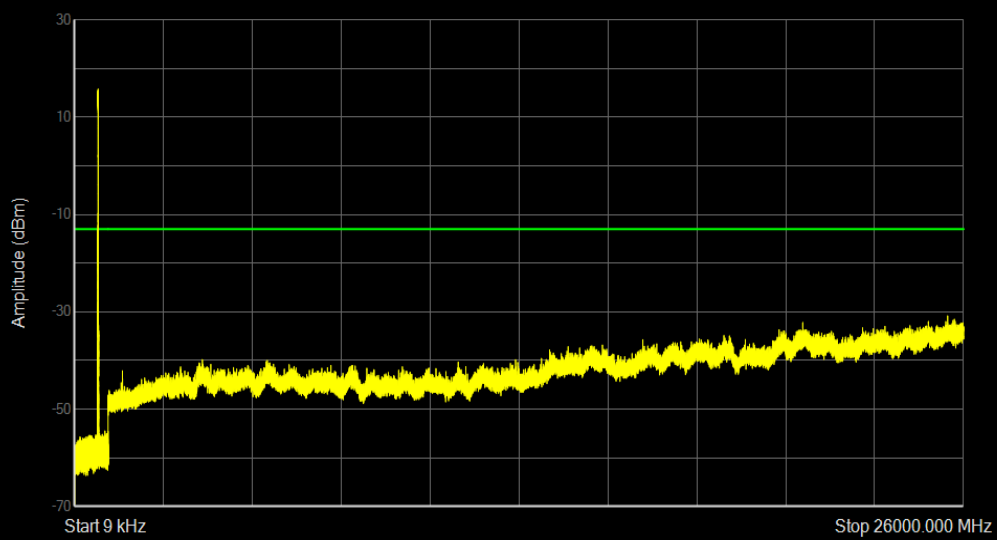
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.0094935       | -35.8            | -13         |
| 2     | 0.15        | 30         | 10        | 0.15            | -39.16           | -13         |
| 3     | 30          | 1000       | 100       | 766.49675       | -54.19           | -13         |
| 4     | 1000        | 26000      | 1000      | 25505.625       | -31.49           | -13         |

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



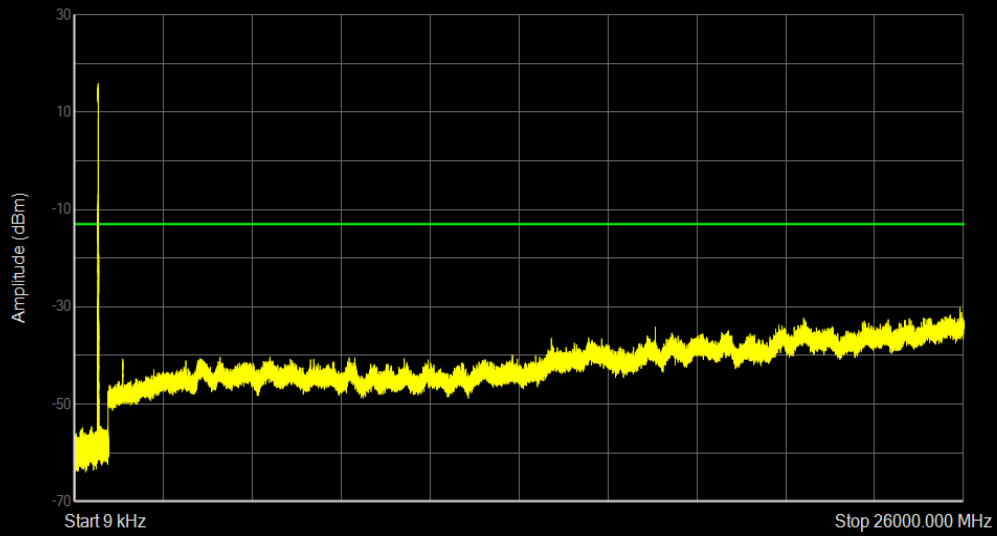
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009           | -33.24           | -13         |
| 2     | 0.15        | 30         | 10        | 0.16716375      | -38.95           | -13         |
| 3     | 30          | 1000       | 100       | 613.2125        | -53.74           | -13         |
| 4     | 1000        | 26000      | 1000      | 25708.125       | -30.98           | -13         |

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



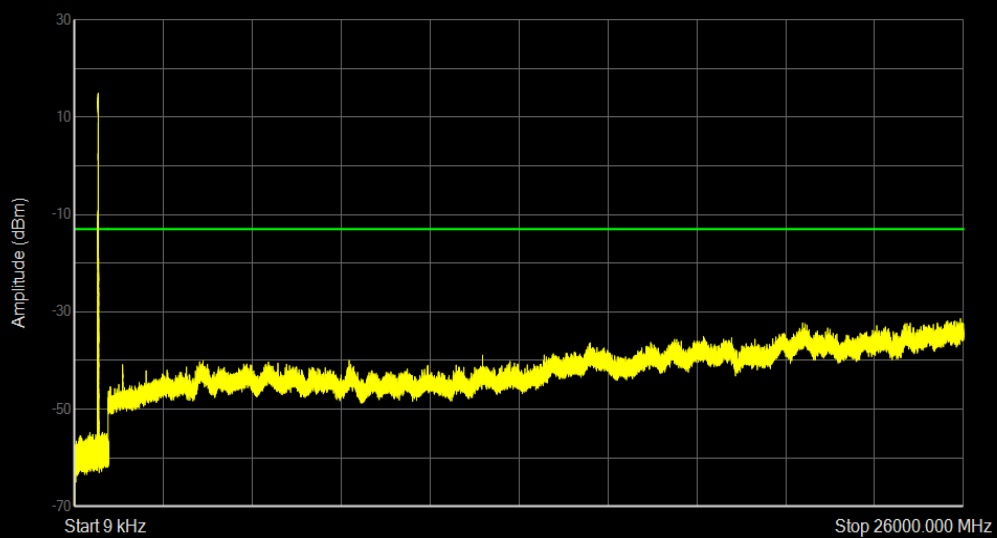
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009793125     | -26.23           | -13         |
| 2     | 0.15        | 30         | 10        | 0.170895        | -31.8            | -13         |
| 3     | 30          | 1000       | 100       | 907.09825       | -54.49           | -13         |
| 4     | 1000        | 26000      | 1000      | 25533.125       | -30.83           | -13         |

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



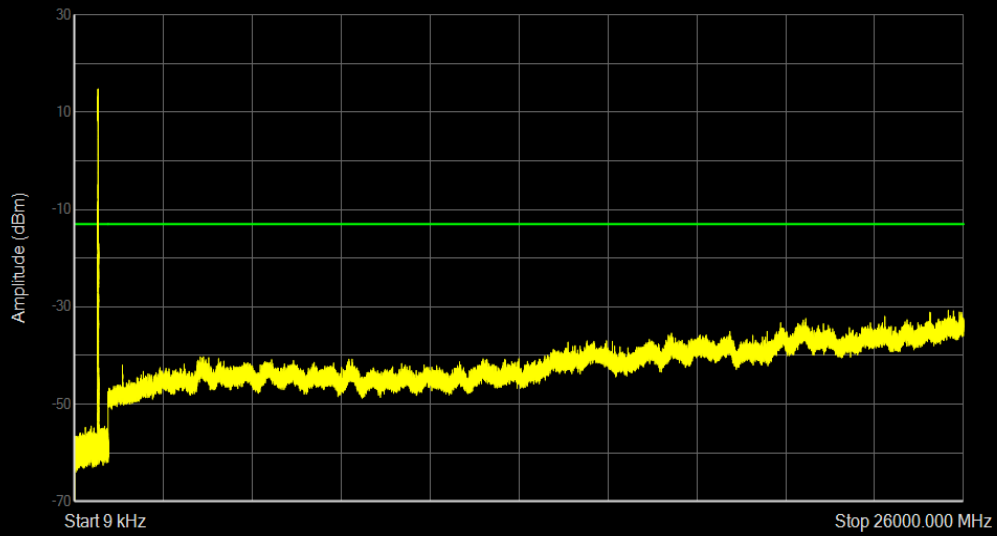
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.011985675     | -32.11           | -13         |
| 2     | 0.15        | 30         | 10        | 0.158955        | -37.45           | -13         |
| 3     | 30          | 1000       | 100       | 786.212         | -54.54           | -13         |
| 4     | 1000        | 26000      | 1000      | 25896.25        | -30.25           | -13         |

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



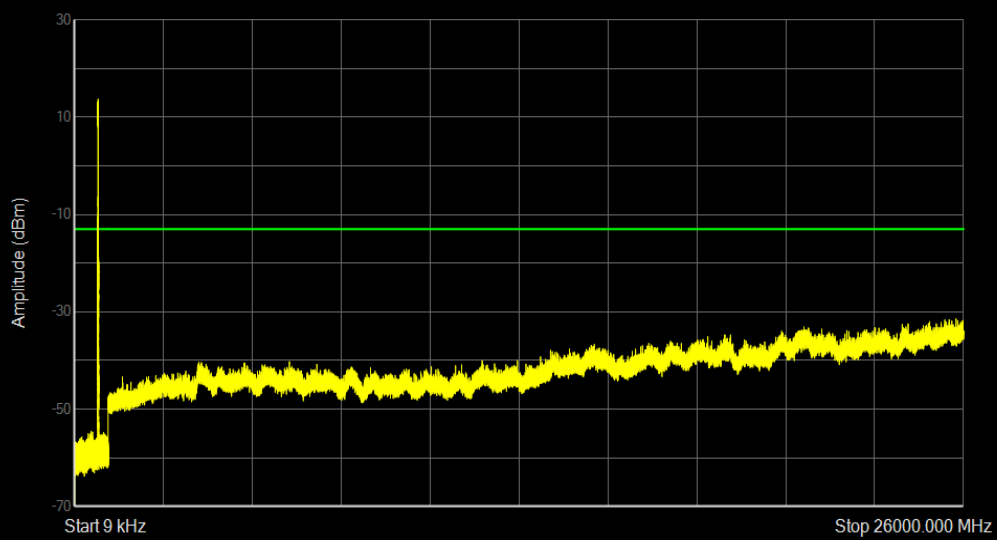
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01292685      | -29.63           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15820875      | -34.48           | -13         |
| 3     | 30          | 1000       | 100       | 835.46375       | -54.76           | -13         |
| 4     | 1000        | 26000      | 1000      | 25910           | -31.39           | -13         |

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



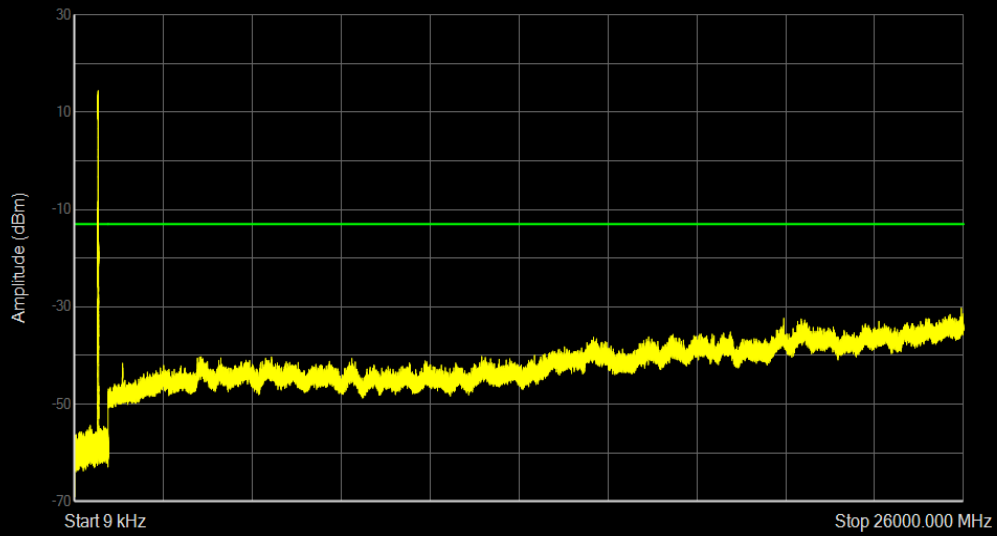
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009976425     | -33.36           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15597         | -32.6            | -13         |
| 3     | 30          | 1000       | 100       | 505.203         | -54.51           | -13         |
| 4     | 1000        | 26000      | 1000      | 25554.375       | -30.71           | -13         |

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



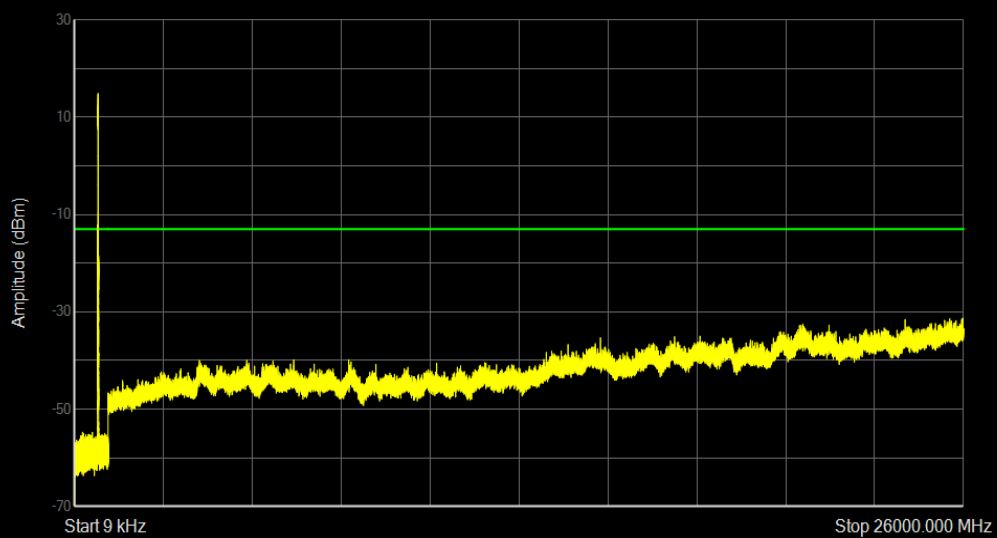
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.011569725     | -35.04           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15            | -38.1            | -13         |
| 3     | 30          | 1000       | 100       | 504.83925       | -54.55           | -13         |
| 4     | 1000        | 26000      | 1000      | 25778.75        | -31.42           | -13         |

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



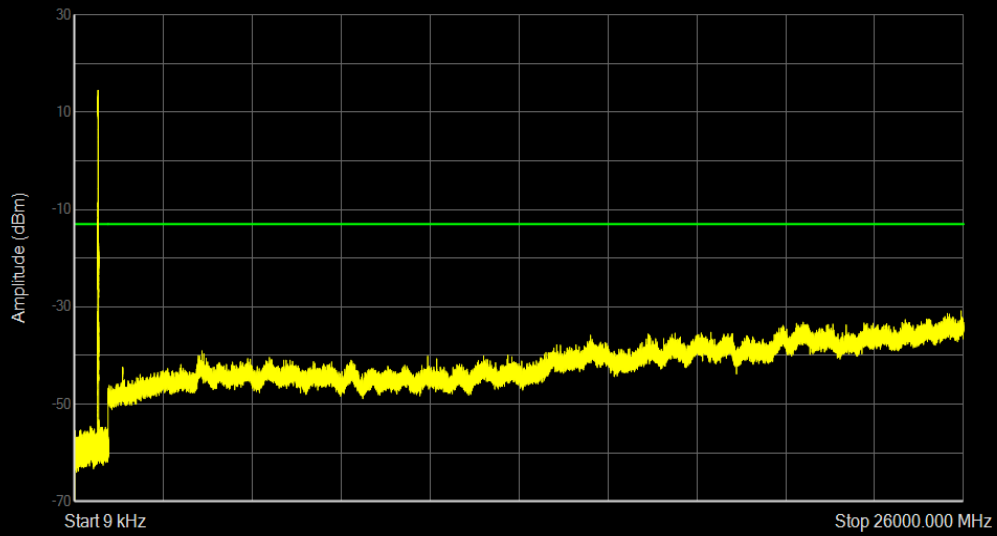
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01071315      | -24.53           | -13         |
| 2     | 0.15        | 30         | 10        | 0.16194         | -28.76           | -13         |
| 3     | 30          | 1000       | 100       | 480.24975       | -54.38           | -13         |
| 4     | 1000        | 26000      | 1000      | 25931.875       | -30.24           | -13         |

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



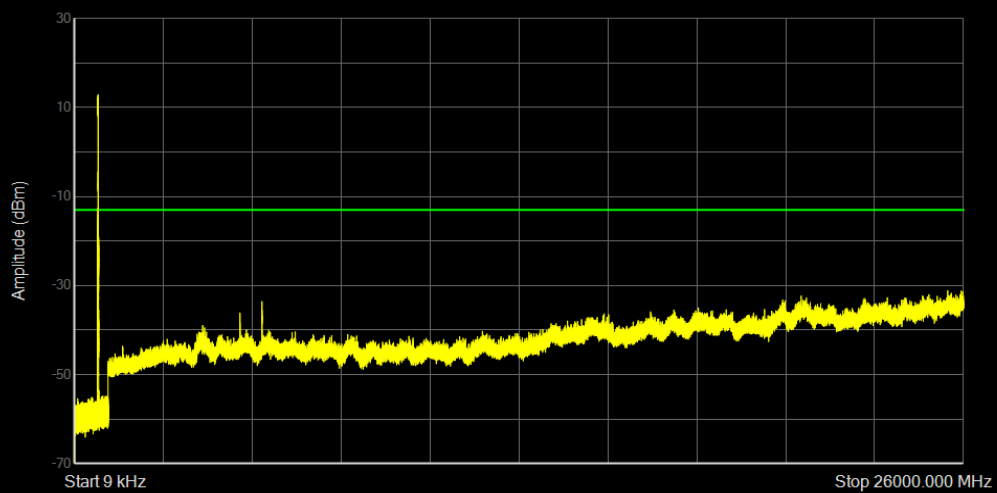
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01666335      | -31.03           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15970125      | -25.43           | -13         |
| 3     | 30          | 1000       | 100       | 253.488         | -54.76           | -13         |
| 4     | 1000        | 26000      | 1000      | 25973.75        | -31.29           | -13         |

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



| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.010420575     | -33.02           | -13         |
| 2     | 0.15        | 30         | 10        | 0.1544775       | -36.08           | -13         |
| 3     | 30          | 1000       | 100       | 485.24525       | -54.6            | -13         |
| 4     | 1000        | 26000      | 1000      | 25926.875       | -30.84           | -13         |

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



| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01320885      | -31.14           | -13         |
| 2     | 0.15        | 30         | 10        | 0.158955        | -38.18           | -13         |
| 3     | 30          | 1000       | 100       | 848.26775       | -54.82           | -13         |
| 4     | 1000        | 26000      | 1000      | 25536.875       | -31.13           | -13         |

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