

**03 Peak-to-Average Ratio**

| Band   | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Result (dB) | high Limit (dB) | Verdict |
|--------|-----------------|------------|---------|-------------|------------|-------------|-----------------|---------|
| Band12 | 1.4             | 23017      | 1       | #0          | QPSK       | 3.49        | 13              | PASS    |
| Band12 | 1.4             | 23017      | 1       | #0          | 16QAM      | 4.25        | 13              | PASS    |
| Band12 | 1.4             | 23095      | 1       | #0          | QPSK       | 4.04        | 13              | PASS    |
| Band12 | 1.4             | 23095      | 1       | #0          | 16QAM      | 4.82        | 13              | PASS    |
| Band12 | 1.4             | 23173      | 1       | #0          | QPSK       | 3.19        | 13              | PASS    |
| Band12 | 1.4             | 23173      | 1       | #0          | 16QAM      | 4.35        | 13              | PASS    |
| Band12 | 3               | 23025      | 1       | #0          | QPSK       | 3.46        | 13              | PASS    |
| Band12 | 3               | 23025      | 1       | #0          | 16QAM      | 4.50        | 13              | PASS    |
| Band12 | 3               | 23095      | 1       | #0          | QPSK       | 4.05        | 13              | PASS    |
| Band12 | 3               | 23095      | 1       | #0          | 16QAM      | 4.83        | 13              | PASS    |
| Band12 | 3               | 23165      | 1       | #0          | QPSK       | 3.05        | 13              | PASS    |
| Band12 | 3               | 23165      | 1       | #0          | 16QAM      | 3.94        | 13              | PASS    |
| Band12 | 5               | 23035      | 1       | #0          | QPSK       | 3.67        | 13              | PASS    |
| Band12 | 5               | 23035      | 1       | #0          | 16QAM      | 4.61        | 13              | PASS    |
| Band12 | 5               | 23095      | 1       | #0          | QPSK       | 3.83        | 13              | PASS    |
| Band12 | 5               | 23095      | 1       | #0          | 16QAM      | 4.77        | 13              | PASS    |
| Band12 | 5               | 23155      | 1       | #0          | QPSK       | 3.34        | 13              | PASS    |
| Band12 | 5               | 23155      | 1       | #0          | 16QAM      | 4.08        | 13              | PASS    |
| Band12 | 10              | 23060      | 1       | #0          | QPSK       | 3.27        | 13              | PASS    |
| Band12 | 10              | 23060      | 1       | #0          | 16QAM      | 4.41        | 13              | PASS    |
| Band12 | 10              | 23095      | 1       | #0          | QPSK       | 3.39        | 13              | PASS    |
| Band12 | 10              | 23095      | 1       | #0          | 16QAM      | 4.06        | 13              | PASS    |
| Band12 | 10              | 23130      | 1       | #0          | QPSK       | 3.56        | 13              | PASS    |
| Band12 | 10              | 23130      | 1       | #0          | 16QAM      | 4.89        | 13              | PASS    |
| Band17 | 5               | 23755      | 1       | #0          | QPSK       | 3.67        | 13              | PASS    |
| Band17 | 5               | 23755      | 1       | #0          | 16QAM      | 4.96        | 13              | PASS    |
| Band17 | 5               | 23790      | 1       | #0          | QPSK       | 3.66        | 13              | PASS    |
| Band17 | 5               | 23790      | 1       | #0          | 16QAM      | 4.80        | 13              | PASS    |
| Band17 | 5               | 23825      | 1       | #0          | QPSK       | 3.01        | 13              | PASS    |
| Band17 | 5               | 23825      | 1       | #0          | 16QAM      | 4.10        | 13              | PASS    |
| Band17 | 10              | 23780      | 1       | #0          | QPSK       | 3.42        | 13              | PASS    |
| Band17 | 10              | 23780      | 1       | #0          | 16QAM      | 4.85        | 13              | PASS    |
| Band17 | 10              | 23790      | 1       | #0          | QPSK       | 3.44        | 13              | PASS    |
| Band17 | 10              | 23790      | 1       | #0          | 16QAM      | 4.56        | 13              | PASS    |
| Band17 | 10              | 23800      | 1       | #0          | QPSK       | 3.42        | 13              | PASS    |
| Band17 | 10              | 23800      | 1       | #0          | 16QAM      | 4.83        | 13              | PASS    |
| Band2  | 1.4             | 18607      | 1       | #0          | QPSK       | 4.38        | 13              | PASS    |
| Band2  | 1.4             | 18607      | 1       | #0          | 16QAM      | 5.08        | 13              | PASS    |
| Band2  | 1.4             | 18900      | 1       | #0          | QPSK       | 2.75        | 13              | PASS    |
| Band2  | 1.4             | 18900      | 1       | #0          | 16QAM      | 3.61        | 13              | PASS    |
| Band2  | 1.4             | 19193      | 1       | #0          | QPSK       | 3.10        | 13              | PASS    |

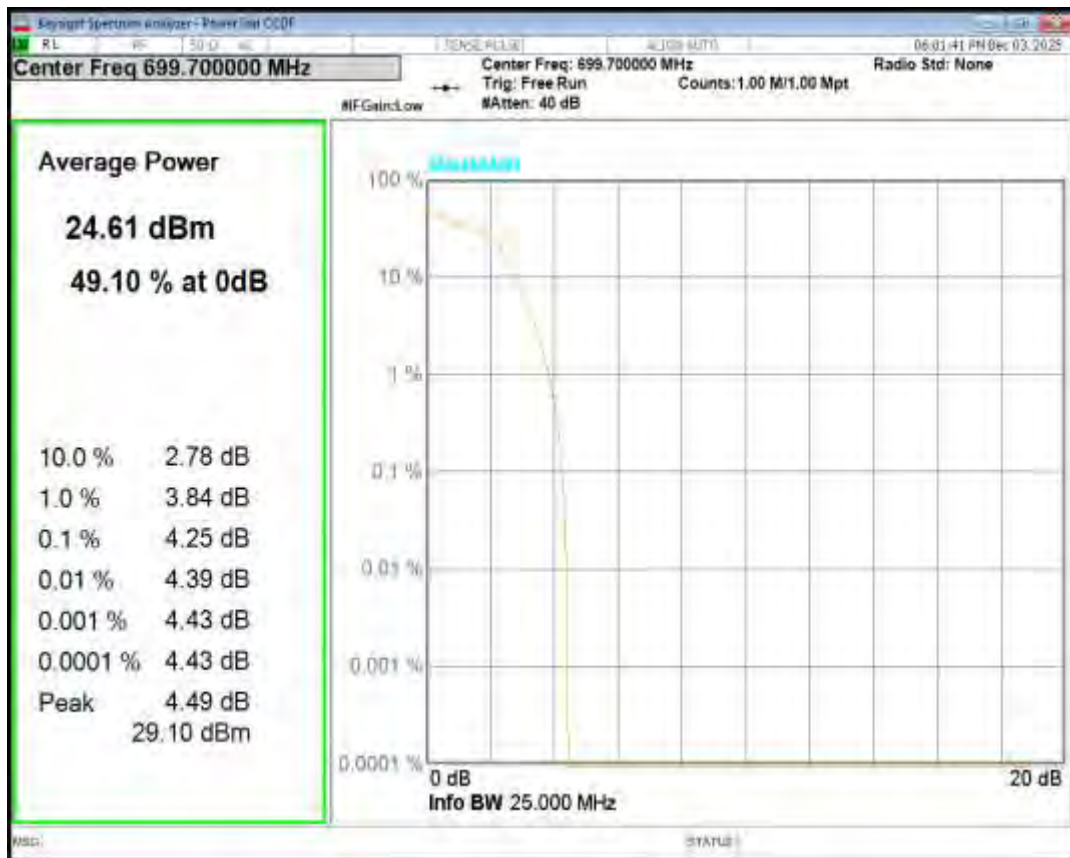
|       |     |       |   |    |       |      |    |      |
|-------|-----|-------|---|----|-------|------|----|------|
| Band2 | 1.4 | 19193 | 1 | #0 | 16QAM | 3.96 | 13 | PASS |
| Band2 | 3   | 18615 | 1 | #0 | QPSK  | 4.37 | 13 | PASS |
| Band2 | 3   | 18615 | 1 | #0 | 16QAM | 5.25 | 13 | PASS |
| Band2 | 3   | 18900 | 1 | #0 | QPSK  | 2.53 | 13 | PASS |
| Band2 | 3   | 18900 | 1 | #0 | 16QAM | 3.39 | 13 | PASS |
| Band2 | 3   | 19185 | 1 | #0 | QPSK  | 2.29 | 13 | PASS |
| Band2 | 3   | 19185 | 1 | #0 | 16QAM | 3.02 | 13 | PASS |
| Band2 | 5   | 18625 | 1 | #0 | QPSK  | 5.22 | 13 | PASS |
| Band2 | 5   | 18625 | 1 | #0 | 16QAM | 4.97 | 13 | PASS |
| Band2 | 5   | 18900 | 1 | #0 | QPSK  | 2.32 | 13 | PASS |
| Band2 | 5   | 18900 | 1 | #0 | 16QAM | 3.03 | 13 | PASS |
| Band2 | 5   | 19175 | 1 | #0 | QPSK  | 1.83 | 13 | PASS |
| Band2 | 5   | 19175 | 1 | #0 | 16QAM | 2.42 | 13 | PASS |
| Band2 | 10  | 18650 | 1 | #0 | QPSK  | 4.41 | 13 | PASS |
| Band2 | 10  | 18650 | 1 | #0 | 16QAM | 5.56 | 13 | PASS |
| Band2 | 10  | 18900 | 1 | #0 | QPSK  | 2.06 | 13 | PASS |
| Band2 | 10  | 18900 | 1 | #0 | 16QAM | 2.81 | 13 | PASS |
| Band2 | 10  | 19150 | 1 | #0 | QPSK  | 2.68 | 13 | PASS |
| Band2 | 10  | 19150 | 1 | #0 | 16QAM | 3.30 | 13 | PASS |
| Band2 | 15  | 18675 | 1 | #0 | QPSK  | 4.92 | 13 | PASS |
| Band2 | 15  | 18675 | 1 | #0 | 16QAM | 5.84 | 13 | PASS |
| Band2 | 15  | 18900 | 1 | #0 | QPSK  | 2.43 | 13 | PASS |
| Band2 | 15  | 18900 | 1 | #0 | 16QAM | 3.19 | 13 | PASS |
| Band2 | 15  | 19125 | 1 | #0 | QPSK  | 4.84 | 13 | PASS |
| Band2 | 15  | 19125 | 1 | #0 | 16QAM | 5.80 | 13 | PASS |
| Band2 | 20  | 18700 | 1 | #0 | QPSK  | 4.68 | 13 | PASS |
| Band2 | 20  | 18700 | 1 | #0 | 16QAM | 5.43 | 13 | PASS |
| Band2 | 20  | 18900 | 1 | #0 | QPSK  | 2.46 | 13 | PASS |
| Band2 | 20  | 18900 | 1 | #0 | 16QAM | 3.23 | 13 | PASS |
| Band2 | 20  | 19100 | 1 | #0 | QPSK  | 5.53 | 13 | PASS |
| Band2 | 20  | 19100 | 1 | #0 | 16QAM | 6.79 | 13 | PASS |
| Band4 | 1.4 | 19957 | 1 | #0 | QPSK  | 5.20 | 13 | PASS |
| Band4 | 1.4 | 19957 | 1 | #0 | 16QAM | 5.90 | 13 | PASS |
| Band4 | 1.4 | 20175 | 1 | #0 | QPSK  | 5.42 | 13 | PASS |
| Band4 | 1.4 | 20175 | 1 | #0 | 16QAM | 6.35 | 13 | PASS |
| Band4 | 1.4 | 20393 | 1 | #0 | QPSK  | 4.89 | 13 | PASS |
| Band4 | 1.4 | 20393 | 1 | #0 | 16QAM | 5.53 | 13 | PASS |
| Band4 | 3   | 19965 | 1 | #0 | QPSK  | 5.01 | 13 | PASS |
| Band4 | 3   | 19965 | 1 | #0 | 16QAM | 5.85 | 13 | PASS |
| Band4 | 3   | 20175 | 1 | #0 | QPSK  | 5.51 | 13 | PASS |
| Band4 | 3   | 20175 | 1 | #0 | 16QAM | 6.28 | 13 | PASS |
| Band4 | 3   | 20385 | 1 | #0 | QPSK  | 4.80 | 13 | PASS |
| Band4 | 3   | 20385 | 1 | #0 | 16QAM | 5.36 | 13 | PASS |
| Band4 | 5   | 19975 | 1 | #0 | QPSK  | 5.29 | 13 | PASS |

|        |    |       |   |    |       |      |    |      |
|--------|----|-------|---|----|-------|------|----|------|
| Band4  | 5  | 19975 | 1 | #0 | 16QAM | 5.91 | 13 | PASS |
| Band4  | 5  | 20175 | 1 | #0 | QPSK  | 5.39 | 13 | PASS |
| Band4  | 5  | 20175 | 1 | #0 | 16QAM | 5.77 | 13 | PASS |
| Band4  | 5  | 20375 | 1 | #0 | QPSK  | 4.98 | 13 | PASS |
| Band4  | 5  | 20375 | 1 | #0 | 16QAM | 5.62 | 13 | PASS |
| Band4  | 10 | 20000 | 1 | #0 | QPSK  | 5.02 | 13 | PASS |
| Band4  | 10 | 20000 | 1 | #0 | 16QAM | 5.81 | 13 | PASS |
| Band4  | 10 | 20175 | 1 | #0 | QPSK  | 5.30 | 13 | PASS |
| Band4  | 10 | 20175 | 1 | #0 | 16QAM | 6.42 | 13 | PASS |
| Band4  | 10 | 20350 | 1 | #0 | QPSK  | 4.86 | 13 | PASS |
| Band4  | 10 | 20350 | 1 | #0 | 16QAM | 5.59 | 13 | PASS |
| Band4  | 15 | 20025 | 1 | #0 | QPSK  | 5.11 | 13 | PASS |
| Band4  | 15 | 20025 | 1 | #0 | 16QAM | 5.85 | 13 | PASS |
| Band4  | 15 | 20175 | 1 | #0 | QPSK  | 5.43 | 13 | PASS |
| Band4  | 15 | 20175 | 1 | #0 | 16QAM | 6.55 | 13 | PASS |
| Band4  | 15 | 20325 | 1 | #0 | QPSK  | 5.00 | 13 | PASS |
| Band4  | 15 | 20325 | 1 | #0 | 16QAM | 5.85 | 13 | PASS |
| Band4  | 20 | 20050 | 1 | #0 | QPSK  | 5.04 | 13 | PASS |
| Band4  | 20 | 20050 | 1 | #0 | 16QAM | 5.64 | 13 | PASS |
| Band4  | 20 | 20175 | 1 | #0 | QPSK  | 5.50 | 13 | PASS |
| Band4  | 20 | 20175 | 1 | #0 | 16QAM | 6.17 | 13 | PASS |
| Band4  | 20 | 20300 | 1 | #0 | QPSK  | 5.42 | 13 | PASS |
| Band4  | 20 | 20300 | 1 | #0 | 16QAM | 5.80 | 13 | PASS |
| Band41 | 5  | 39675 | 1 | #0 | QPSK  | 7.92 | 13 | PASS |
| Band41 | 5  | 39675 | 1 | #0 | 16QAM | 8.52 | 13 | PASS |
| Band41 | 5  | 40620 | 1 | #0 | QPSK  | 7.70 | 13 | PASS |
| Band41 | 5  | 40620 | 1 | #0 | 16QAM | 8.12 | 13 | PASS |
| Band41 | 5  | 41565 | 1 | #0 | QPSK  | 7.33 | 13 | PASS |
| Band41 | 5  | 41565 | 1 | #0 | 16QAM | 7.95 | 13 | PASS |
| Band41 | 10 | 39700 | 1 | #0 | QPSK  | 9.70 | 13 | PASS |
| Band41 | 10 | 39700 | 1 | #0 | 16QAM | 9.01 | 13 | PASS |
| Band41 | 10 | 40620 | 1 | #0 | QPSK  | 8.20 | 13 | PASS |
| Band41 | 10 | 40620 | 1 | #0 | 16QAM | 9.37 | 13 | PASS |
| Band41 | 10 | 41540 | 1 | #0 | QPSK  | 7.43 | 13 | PASS |
| Band41 | 10 | 41540 | 1 | #0 | 16QAM | 7.42 | 13 | PASS |
| Band41 | 15 | 39725 | 1 | #0 | QPSK  | 8.01 | 13 | PASS |
| Band41 | 15 | 39725 | 1 | #0 | 16QAM | 9.14 | 13 | PASS |
| Band41 | 15 | 40620 | 1 | #0 | QPSK  | 9.21 | 13 | PASS |
| Band41 | 15 | 40620 | 1 | #0 | 16QAM | 8.94 | 13 | PASS |
| Band41 | 15 | 41515 | 1 | #0 | QPSK  | 7.86 | 13 | PASS |
| Band41 | 15 | 41515 | 1 | #0 | 16QAM | 9.42 | 13 | PASS |
| Band41 | 20 | 39750 | 1 | #0 | QPSK  | 7.23 | 13 | PASS |
| Band41 | 20 | 39750 | 1 | #0 | 16QAM | 7.44 | 13 | PASS |
| Band41 | 20 | 40620 | 1 | #0 | QPSK  | 8.57 | 13 | PASS |

|        |     |        |   |    |       |      |    |      |
|--------|-----|--------|---|----|-------|------|----|------|
| Band41 | 20  | 40620  | 1 | #0 | 16QAM | 9.36 | 13 | PASS |
| Band41 | 20  | 41490  | 1 | #0 | QPSK  | 7.81 | 13 | PASS |
| Band41 | 20  | 41490  | 1 | #0 | 16QAM | 8.86 | 13 | PASS |
| Band5  | 1.4 | 20407  | 1 | #0 | QPSK  | 3.53 | 13 | PASS |
| Band5  | 1.4 | 20407  | 1 | #0 | 16QAM | 4.23 | 13 | PASS |
| Band5  | 1.4 | 20525  | 1 | #0 | QPSK  | 4.25 | 13 | PASS |
| Band5  | 1.4 | 20525  | 1 | #0 | 16QAM | 5.00 | 13 | PASS |
| Band5  | 1.4 | 20643  | 1 | #0 | QPSK  | 3.42 | 13 | PASS |
| Band5  | 1.4 | 20643  | 1 | #0 | 16QAM | 4.33 | 13 | PASS |
| Band5  | 3   | 20415  | 1 | #0 | QPSK  | 3.57 | 13 | PASS |
| Band5  | 3   | 20415  | 1 | #0 | 16QAM | 4.47 | 13 | PASS |
| Band5  | 3   | 20525  | 1 | #0 | QPSK  | 4.30 | 13 | PASS |
| Band5  | 3   | 20525  | 1 | #0 | 16QAM | 4.79 | 13 | PASS |
| Band5  | 3   | 20635  | 1 | #0 | QPSK  | 3.71 | 13 | PASS |
| Band5  | 3   | 20635  | 1 | #0 | 16QAM | 4.66 | 13 | PASS |
| Band5  | 5   | 20425  | 1 | #0 | QPSK  | 3.58 | 13 | PASS |
| Band5  | 5   | 20425  | 1 | #0 | 16QAM | 4.64 | 13 | PASS |
| Band5  | 5   | 20525  | 1 | #0 | QPSK  | 4.16 | 13 | PASS |
| Band5  | 5   | 20525  | 1 | #0 | 16QAM | 4.88 | 13 | PASS |
| Band5  | 5   | 20625  | 1 | #0 | QPSK  | 4.09 | 13 | PASS |
| Band5  | 5   | 20625  | 1 | #0 | 16QAM | 5.01 | 13 | PASS |
| Band5  | 10  | 20450  | 1 | #0 | QPSK  | 3.32 | 13 | PASS |
| Band5  | 10  | 20450  | 1 | #0 | 16QAM | 4.55 | 13 | PASS |
| Band5  | 10  | 20525  | 1 | #0 | QPSK  | 3.90 | 13 | PASS |
| Band5  | 10  | 20525  | 1 | #0 | 16QAM | 4.93 | 13 | PASS |
| Band5  | 10  | 20600  | 1 | #0 | QPSK  | 3.67 | 13 | PASS |
| Band5  | 10  | 20600  | 1 | #0 | 16QAM | 4.85 | 13 | PASS |
| Band66 | 1.4 | 131979 | 1 | #0 | QPSK  | 5.19 | 13 | PASS |
| Band66 | 1.4 | 131979 | 1 | #0 | 16QAM | 5.98 | 13 | PASS |
| Band66 | 1.4 | 132322 | 1 | #0 | QPSK  | 5.05 | 13 | PASS |
| Band66 | 1.4 | 132322 | 1 | #0 | 16QAM | 6.09 | 13 | PASS |
| Band66 | 1.4 | 132665 | 1 | #0 | QPSK  | 4.94 | 13 | PASS |
| Band66 | 1.4 | 132665 | 1 | #0 | 16QAM | 5.70 | 13 | PASS |
| Band66 | 3   | 131987 | 1 | #0 | QPSK  | 5.20 | 13 | PASS |
| Band66 | 3   | 131987 | 1 | #0 | 16QAM | 5.87 | 13 | PASS |
| Band66 | 3   | 132322 | 1 | #0 | QPSK  | 4.99 | 13 | PASS |
| Band66 | 3   | 132322 | 1 | #0 | 16QAM | 5.95 | 13 | PASS |
| Band66 | 3   | 132657 | 1 | #0 | QPSK  | 4.92 | 13 | PASS |
| Band66 | 3   | 132657 | 1 | #0 | 16QAM | 5.67 | 13 | PASS |
| Band66 | 5   | 131997 | 1 | #0 | QPSK  | 5.24 | 13 | PASS |
| Band66 | 5   | 131997 | 1 | #0 | 16QAM | 5.72 | 13 | PASS |
| Band66 | 5   | 132322 | 1 | #0 | QPSK  | 5.44 | 13 | PASS |
| Band66 | 5   | 132322 | 1 | #0 | 16QAM | 5.82 | 13 | PASS |
| Band66 | 5   | 132647 | 1 | #0 | QPSK  | 5.11 | 13 | PASS |

|        |    |        |   |    |       |      |    |      |
|--------|----|--------|---|----|-------|------|----|------|
| Band66 | 5  | 132647 | 1 | #0 | 16QAM | 5.69 | 13 | PASS |
| Band66 | 10 | 132022 | 1 | #0 | QPSK  | 5.07 | 13 | PASS |
| Band66 | 10 | 132022 | 1 | #0 | 16QAM | 5.94 | 13 | PASS |
| Band66 | 10 | 132322 | 1 | #0 | QPSK  | 5.23 | 13 | PASS |
| Band66 | 10 | 132322 | 1 | #0 | 16QAM | 6.20 | 13 | PASS |
| Band66 | 10 | 132622 | 1 | #0 | QPSK  | 4.90 | 13 | PASS |
| Band66 | 10 | 132622 | 1 | #0 | 16QAM | 5.65 | 13 | PASS |
| Band66 | 15 | 132047 | 1 | #0 | QPSK  | 5.10 | 13 | PASS |
| Band66 | 15 | 132047 | 1 | #0 | 16QAM | 5.87 | 13 | PASS |
| Band66 | 15 | 132322 | 1 | #0 | QPSK  | 5.19 | 13 | PASS |
| Band66 | 15 | 132322 | 1 | #0 | 16QAM | 6.27 | 13 | PASS |
| Band66 | 15 | 132597 | 1 | #0 | QPSK  | 5.00 | 13 | PASS |
| Band66 | 15 | 132597 | 1 | #0 | 16QAM | 5.94 | 13 | PASS |
| Band66 | 20 | 132072 | 1 | #0 | QPSK  | 5.07 | 13 | PASS |
| Band66 | 20 | 132072 | 1 | #0 | 16QAM | 5.68 | 13 | PASS |
| Band66 | 20 | 132322 | 1 | #0 | QPSK  | 5.47 | 13 | PASS |
| Band66 | 20 | 132322 | 1 | #0 | 16QAM | 6.39 | 13 | PASS |
| Band66 | 20 | 132572 | 1 | #0 | QPSK  | 5.15 | 13 | PASS |
| Band66 | 20 | 132572 | 1 | #0 | 16QAM | 6.34 | 13 | PASS |
| Band7  | 5  | 20775  | 1 | #0 | QPSK  | 3.56 | 13 | PASS |
| Band7  | 5  | 20775  | 1 | #0 | 16QAM | 4.06 | 13 | PASS |
| Band7  | 5  | 21100  | 1 | #0 | QPSK  | 4.75 | 13 | PASS |
| Band7  | 5  | 21100  | 1 | #0 | 16QAM | 5.39 | 13 | PASS |
| Band7  | 5  | 21425  | 1 | #0 | QPSK  | 4.47 | 13 | PASS |
| Band7  | 5  | 21425  | 1 | #0 | 16QAM | 5.19 | 13 | PASS |
| Band7  | 10 | 20800  | 1 | #0 | QPSK  | 3.66 | 13 | PASS |
| Band7  | 10 | 20800  | 1 | #0 | 16QAM | 4.11 | 13 | PASS |
| Band7  | 10 | 21100  | 1 | #0 | QPSK  | 4.62 | 13 | PASS |
| Band7  | 10 | 21100  | 1 | #0 | 16QAM | 5.26 | 13 | PASS |
| Band7  | 10 | 21400  | 1 | #0 | QPSK  | 4.05 | 13 | PASS |
| Band7  | 10 | 21400  | 1 | #0 | 16QAM | 4.86 | 13 | PASS |
| Band7  | 15 | 20825  | 1 | #0 | QPSK  | 3.68 | 13 | PASS |
| Band7  | 15 | 20825  | 1 | #0 | 16QAM | 4.08 | 13 | PASS |
| Band7  | 15 | 21100  | 1 | #0 | QPSK  | 4.53 | 13 | PASS |
| Band7  | 15 | 21100  | 1 | #0 | 16QAM | 5.03 | 13 | PASS |
| Band7  | 15 | 21375  | 1 | #0 | QPSK  | 3.92 | 13 | PASS |
| Band7  | 15 | 21375  | 1 | #0 | 16QAM | 4.23 | 13 | PASS |
| Band7  | 20 | 20850  | 1 | #0 | QPSK  | 3.51 | 13 | PASS |
| Band7  | 20 | 20850  | 1 | #0 | 16QAM | 4.24 | 13 | PASS |
| Band7  | 20 | 21100  | 1 | #0 | QPSK  | 4.20 | 13 | PASS |
| Band7  | 20 | 21100  | 1 | #0 | 16QAM | 4.96 | 13 | PASS |
| Band7  | 20 | 21350  | 1 | #0 | QPSK  | 3.70 | 13 | PASS |
| Band7  | 20 | 21350  | 1 | #0 | 16QAM | 4.08 | 13 | PASS |

Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0



Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0



Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#0



Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0



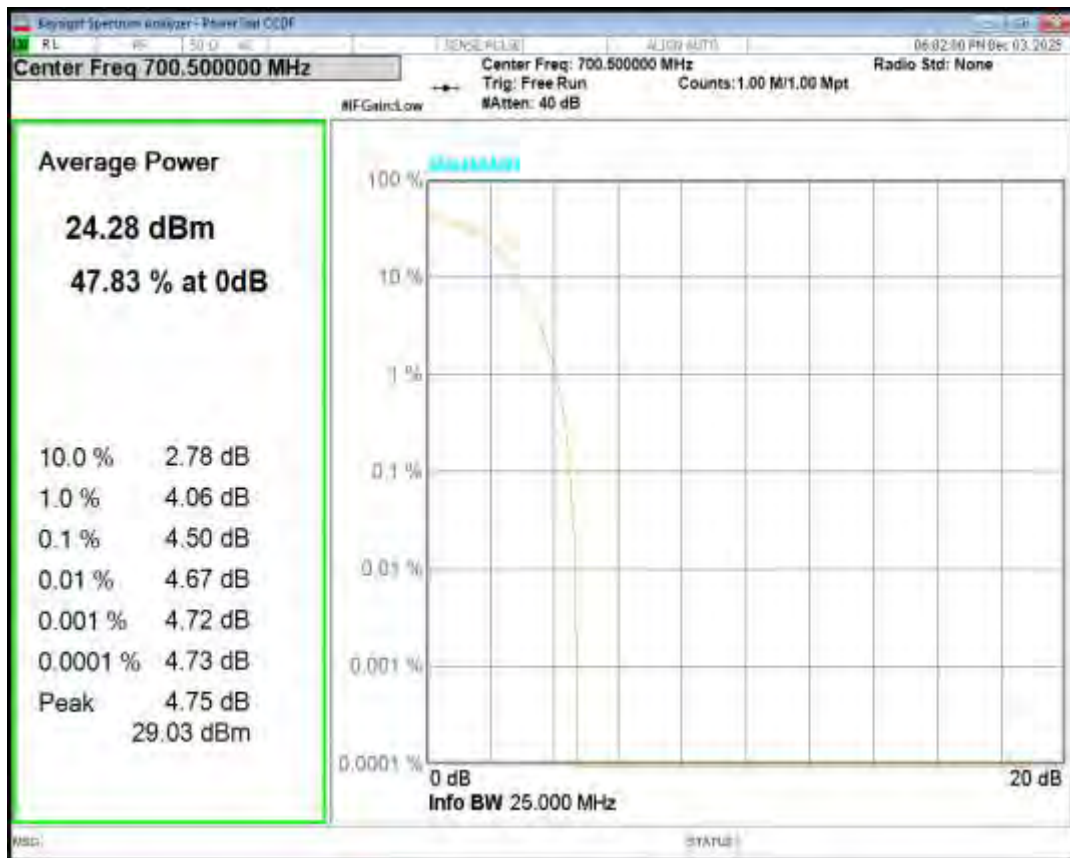
Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0



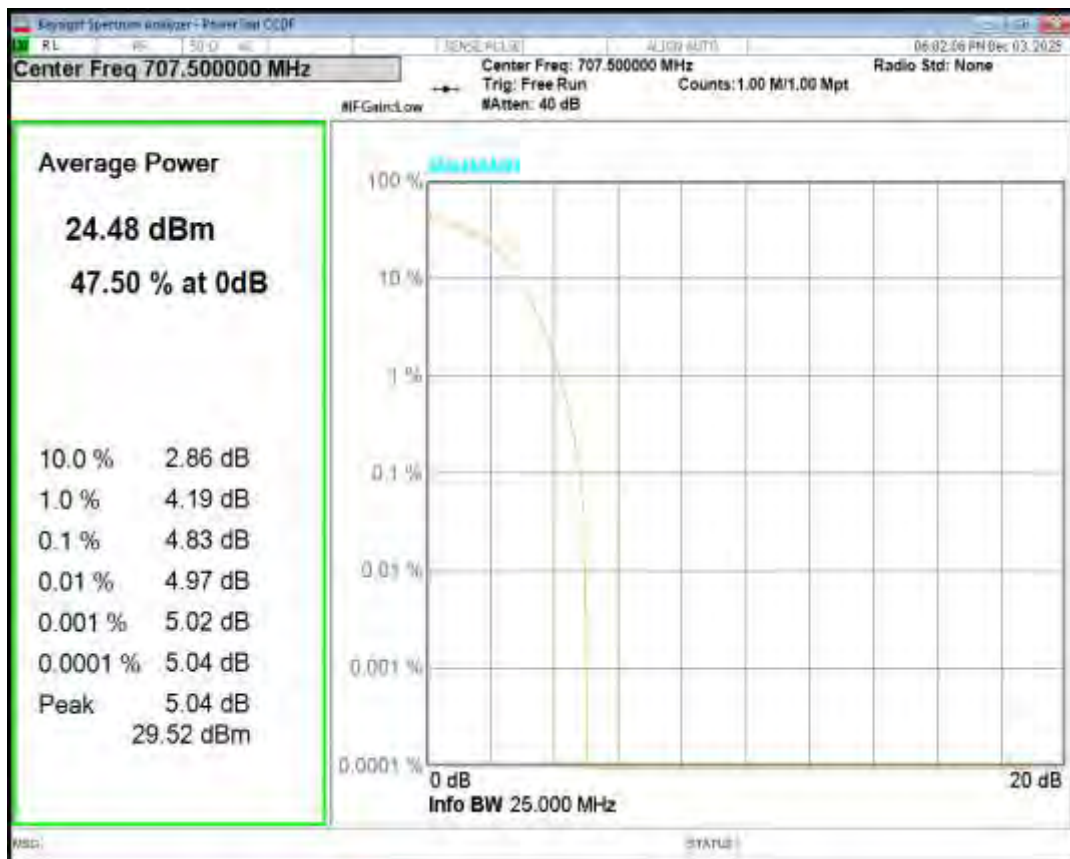
Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0



Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#0



Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0



Band12 16QAM BW=3MHz Channel=23165 RB Size=1 Position=#0



Band12 16QAM BW=5MHz Channel=23035 RB Size=1 Position=#0



Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0



Band12 16QAM BW=5MHz Channel=23155 RB Size=1 Position=#0



Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



Band12 QPSK BW=10MHz Channel=23130 RB Size=1 Position=#0



Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0



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



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



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



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



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



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



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



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



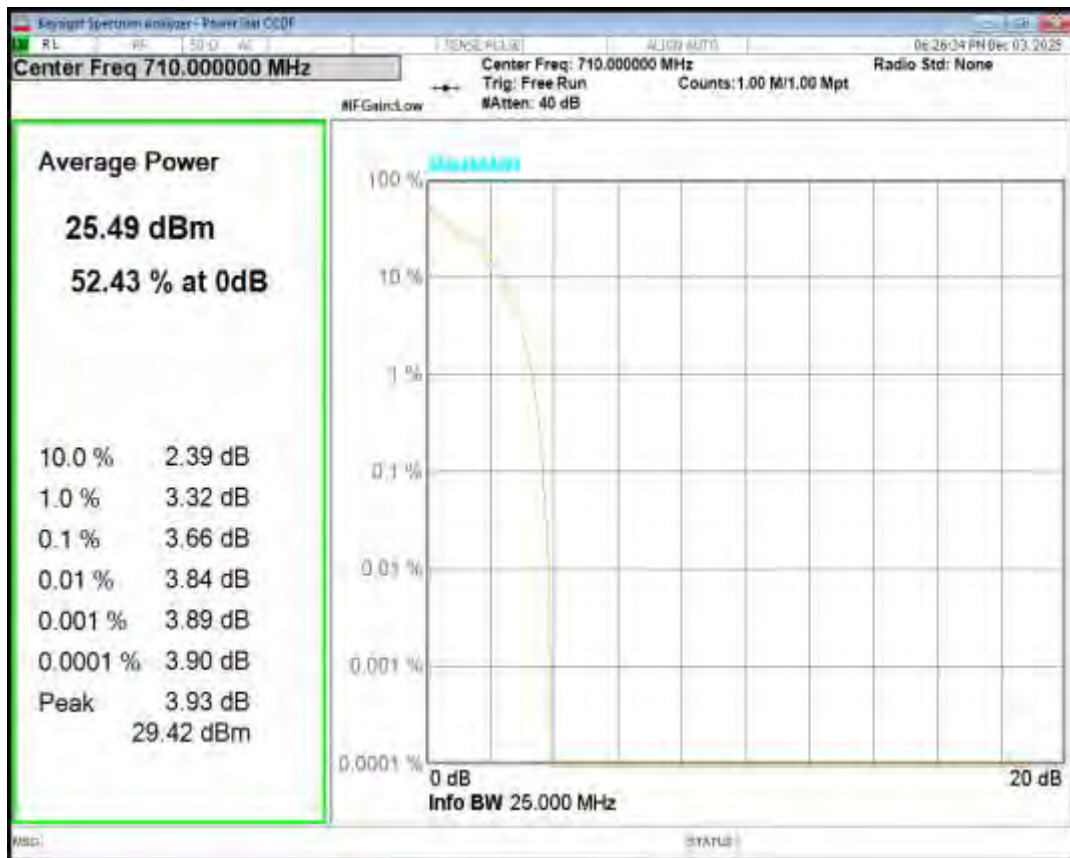
Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#0



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



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



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



Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



Band2 16QAM BW=10MHz Channel=18650 RB Size=1 Position=#0



Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0



Band2 16QAM BW=15MHz Channel=18675 RB Size=1 Position=#0



Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



Band2 16QAM BW=15MHz Channel=19125 RB Size=1 Position=#0



Band2 16QAM BW=20MHz Channel=18700 RB Size=1 Position=#0



Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0



Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0



Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0



Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0



Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0



Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0



Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0



Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0



Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0



Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0



Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0



Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0



Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0



Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



Band41 16QAM BW=10MHz Channel=39700 RB Size=1 Position=#0



Band41 16QAM BW=10MHz Channel=40620 RB Size=1 Position=#0



Band41 16QAM BW=10MHz Channel=41540 RB Size=1 Position=#0



Band41 16QAM BW=15MHz Channel=39725 RB Size=1 Position=#0



Band41 16QAM BW=15MHz Channel=40620 RB Size=1 Position=#0



Band41 16QAM BW=15MHz Channel=41515 RB Size=1 Position=#0



Band41 16QAM BW=20MHz Channel=39750 RB Size=1 Position=#0



Band41 16QAM BW=20MHz Channel=40620 RB Size=1 Position=#0



Band41 16QAM BW=20MHz Channel=41490 RB Size=1 Position=#0



Band41 16QAM BW=5MHz Channel=39675 RB Size=1 Position=#0



Band41 16QAM BW=5MHz Channel=40620 RB Size=1 Position=#0



Band41 16QAM BW=5MHz Channel=41565 RB Size=1 Position=#0



Band41 QPSK BW=10MHz Channel=39700 RB Size=1 Position=#0



Band41 QPSK BW=10MHz Channel=40620 RB Size=1 Position=#0



Band41 QPSK BW=10MHz Channel=41540 RB Size=1 Position=#0



Band41 QPSK BW=15MHz Channel=39725 RB Size=1 Position=#0



Band41 QPSK BW=15MHz Channel=40620 RB Size=1 Position=#0



Band41 QPSK BW=15MHz Channel=41515 RB Size=1 Position=#0



Band41 QPSK BW=20MHz Channel=39750 RB Size=1 Position=#0



Band41 QPSK BW=20MHz Channel=40620 RB Size=1 Position=#0



Band41 QPSK BW=20MHz Channel=41490 RB Size=1 Position=#0



Band41 QPSK BW=5MHz Channel=39675 RB Size=1 Position=#0



Band41 QPSK BW=5MHz Channel=40620 RB Size=1 Position=#0



Band41 QPSK BW=5MHz Channel=41565 RB Size=1 Position=#0



Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0



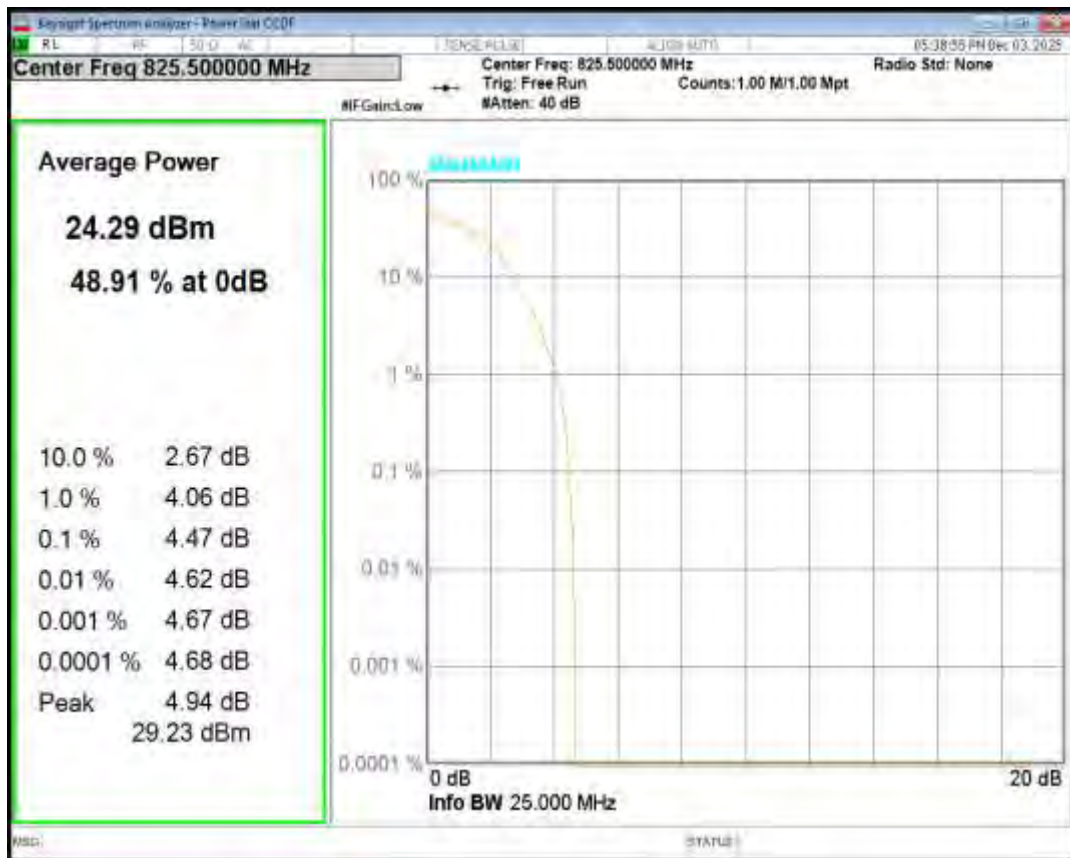
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



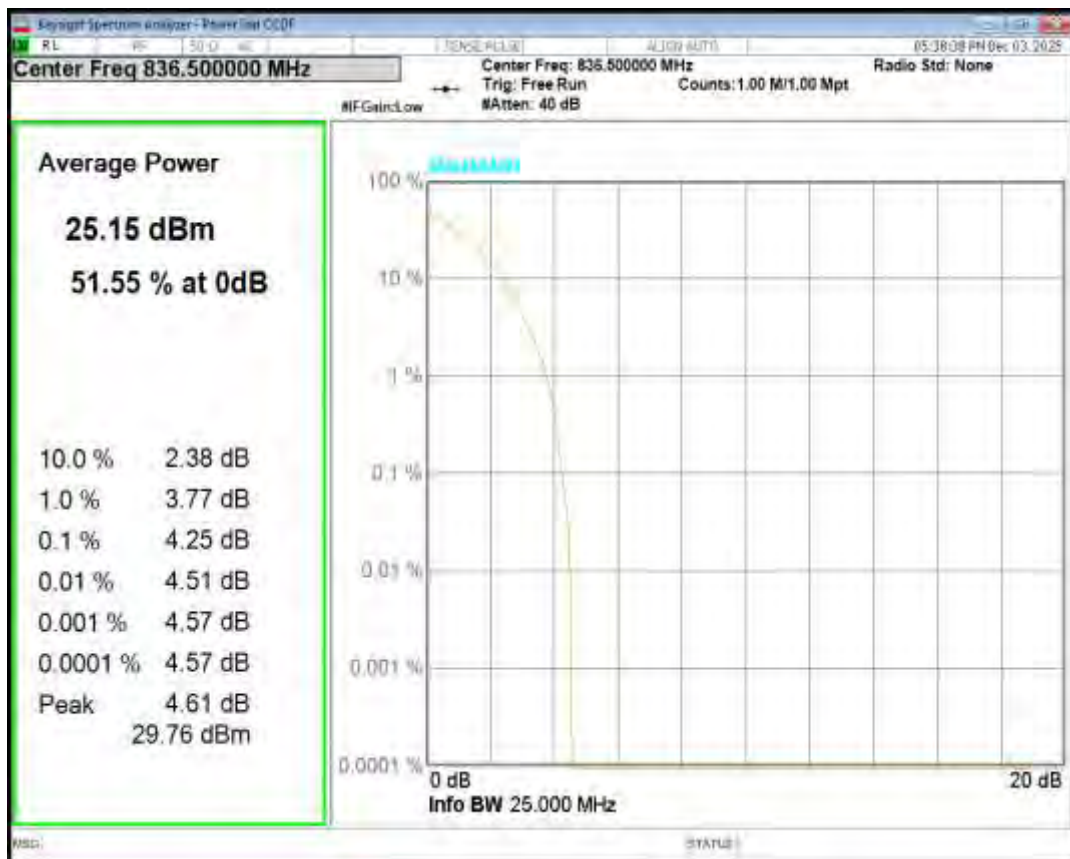
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0



Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0



Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



Band66 16QAM BW=1.4MHz Channel=131979 RB Size=1 Position=#0



Band66 16QAM BW=1.4MHz Channel=132322 RB Size=1 Position=#0



Band66 16QAM BW=1.4MHz Channel=132665 RB Size=1 Position=#0



Band66 16QAM BW=10MHz Channel=132022 RB Size=1 Position=#0



Band66 16QAM BW=10MHz Channel=132322 RB Size=1 Position=#0



Band66 16QAM BW=10MHz Channel=132622 RB Size=1 Position=#0



Band66 16QAM BW=15MHz Channel=132047 RB Size=1 Position=#0



Band66 16QAM BW=15MHz Channel=132322 RB Size=1 Position=#0



Band66 16QAM BW=15MHz Channel=132597 RB Size=1 Position=#0



Band66 16QAM BW=20MHz Channel=132072 RB Size=1 Position=#0



Band66 16QAM BW=20MHz Channel=132322 RB Size=1 Position=#0



Band66 16QAM BW=20MHz Channel=132572 RB Size=1 Position=#0



Band66 16QAM BW=3MHz Channel=131987 RB Size=1 Position=#0



Band66 16QAM BW=3MHz Channel=132322 RB Size=1 Position=#0



Band66 16QAM BW=3MHz Channel=132657 RB Size=1 Position=#0



Band66 16QAM BW=5MHz Channel=131997 RB Size=1 Position=#0



Band66 16QAM BW=5MHz Channel=132322 RB Size=1 Position=#0



Band66 16QAM BW=5MHz Channel=132647 RB Size=1 Position=#0



Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#0



Band66 QPSK BW=1.4MHz Channel=132322 RB Size=1 Position=#0



Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#0



Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#0



Band66 QPSK BW=10MHz Channel=132322 RB Size=1 Position=#0



Band66 QPSK BW=10MHz Channel=132622 RB Size=1 Position=#0



Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#0



Band66 QPSK BW=15MHz Channel=132322 RB Size=1 Position=#0



Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#0



Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0



Band66 QPSK BW=20MHz Channel=132322 RB Size=1 Position=#0



Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#0



Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#0



Band66 QPSK BW=3MHz Channel=132322 RB Size=1 Position=#0



Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#0



Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#0



Band66 QPSK BW=5MHz Channel=132322 RB Size=1 Position=#0



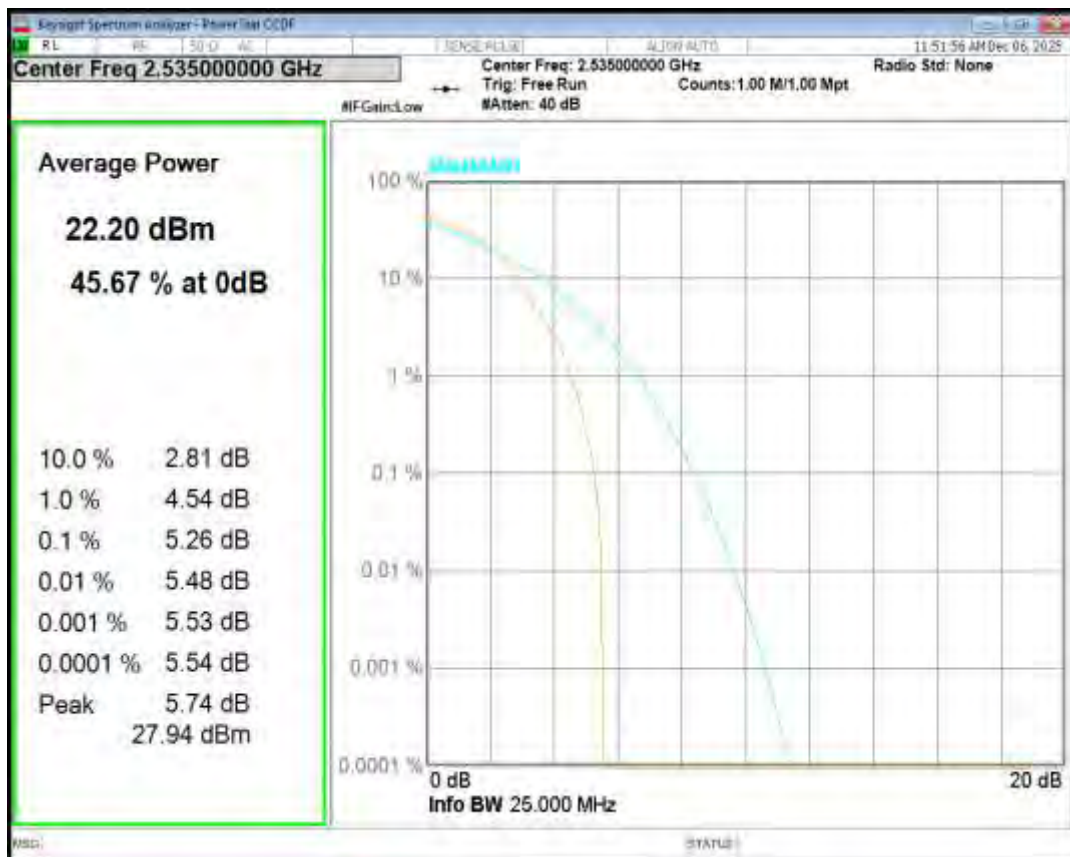
Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#0



Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0



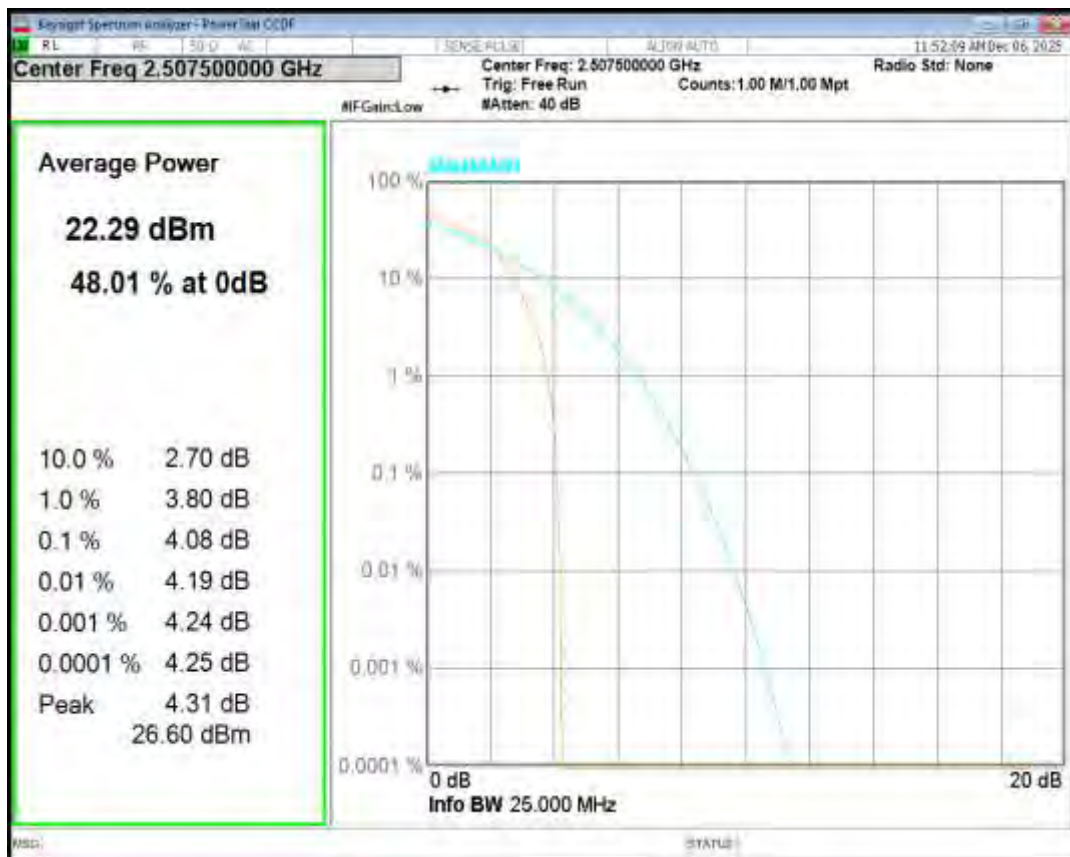
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0



Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0



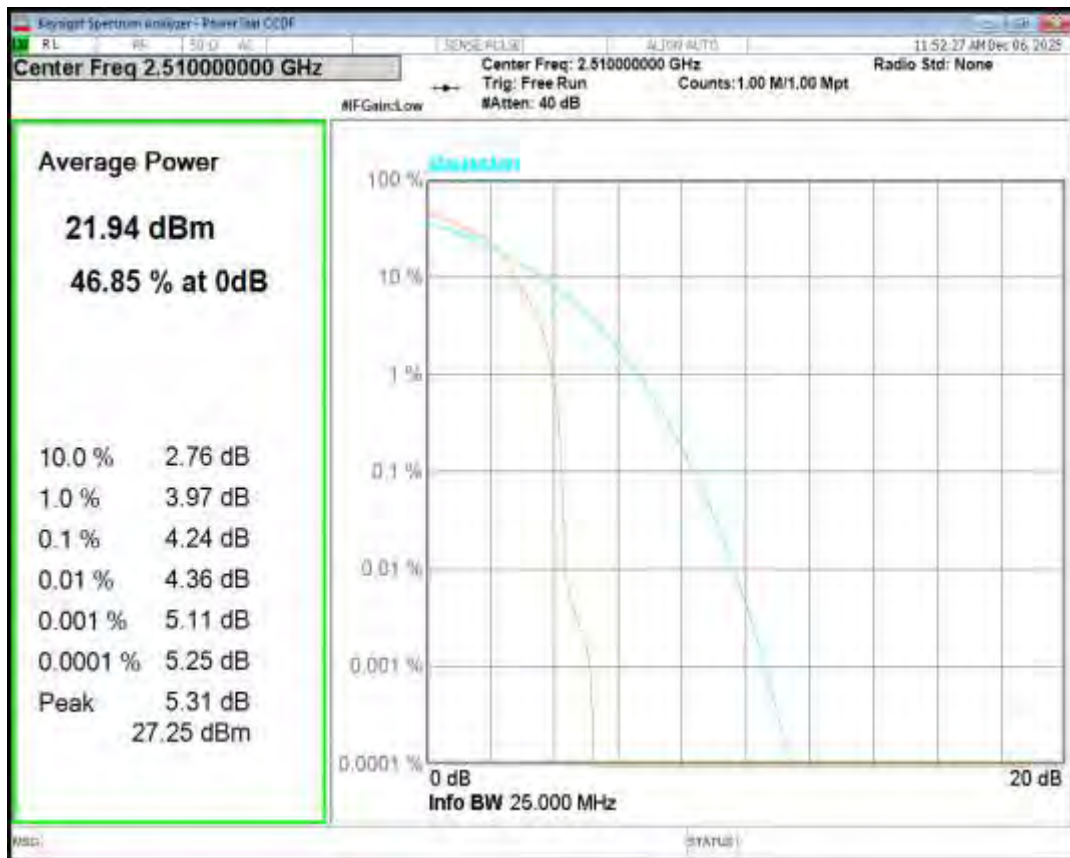
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



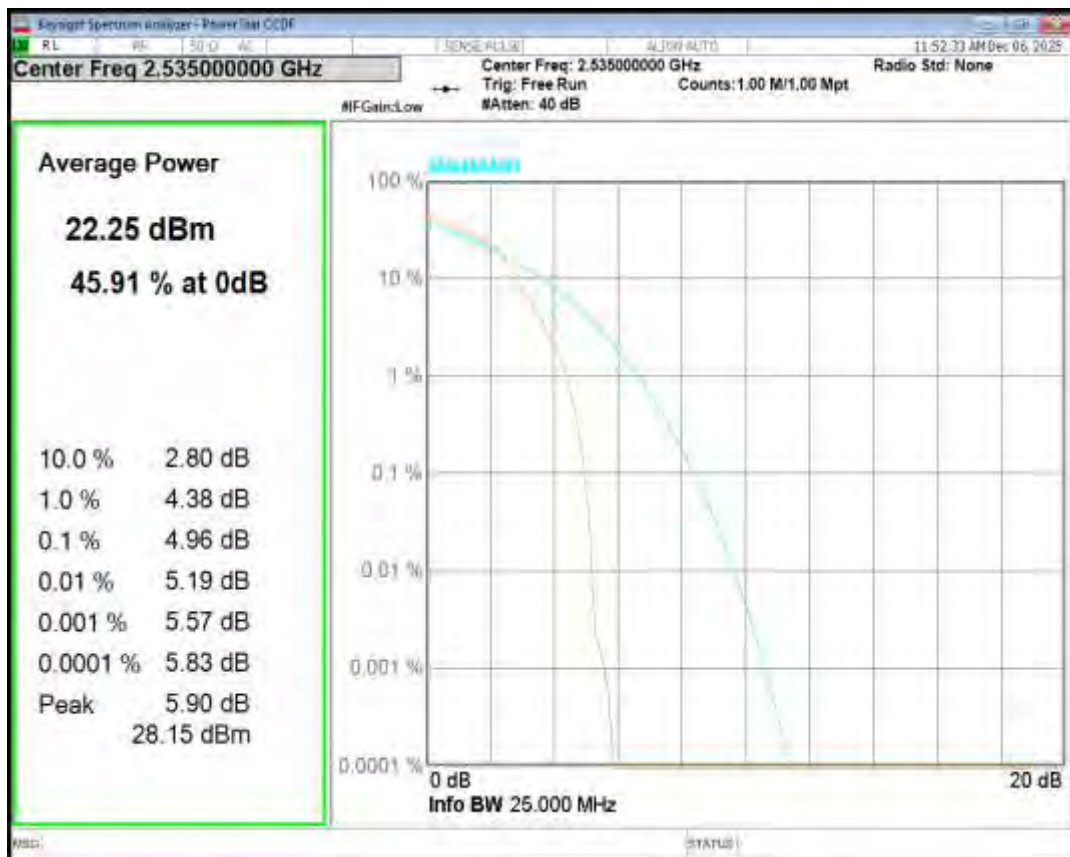
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0



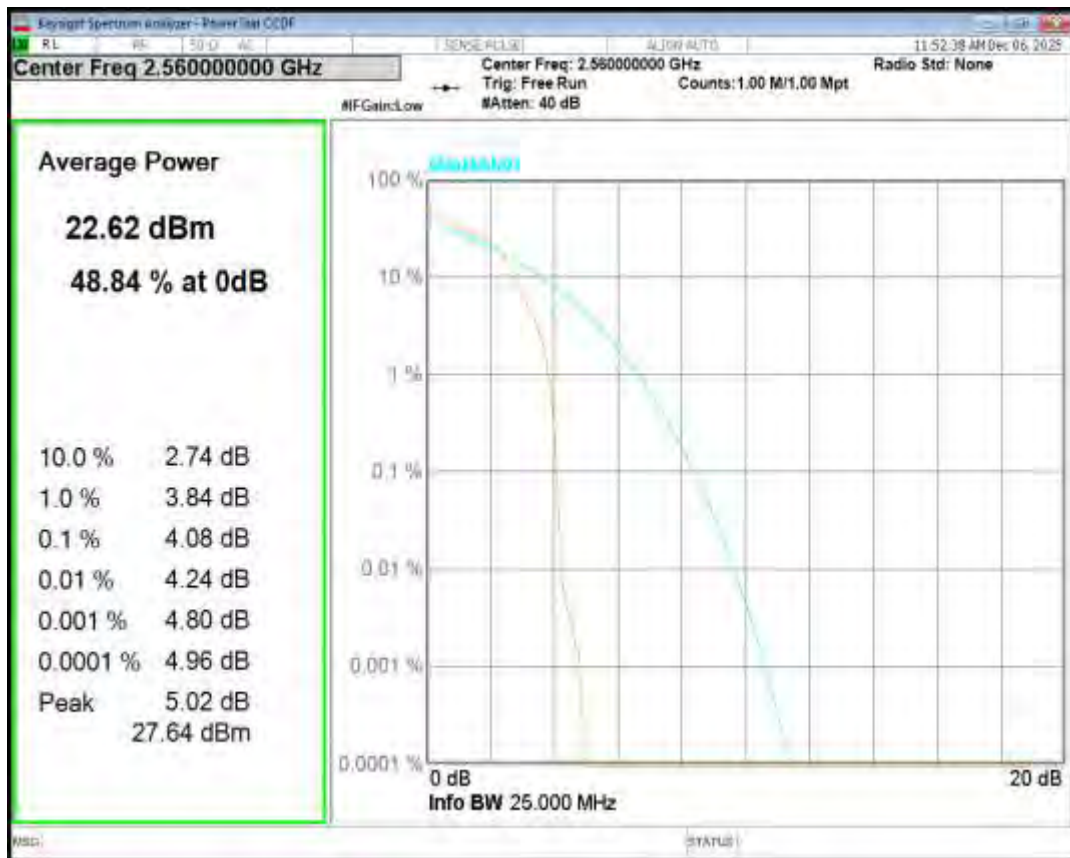
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0



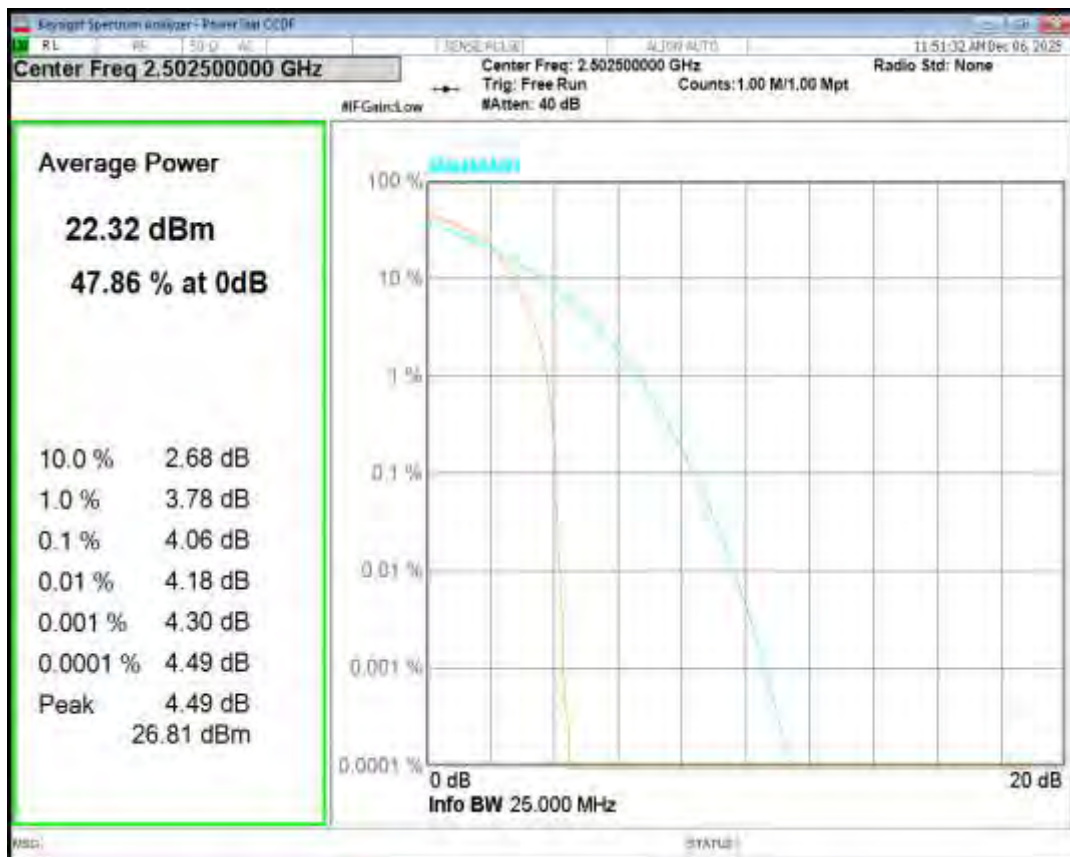
Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0



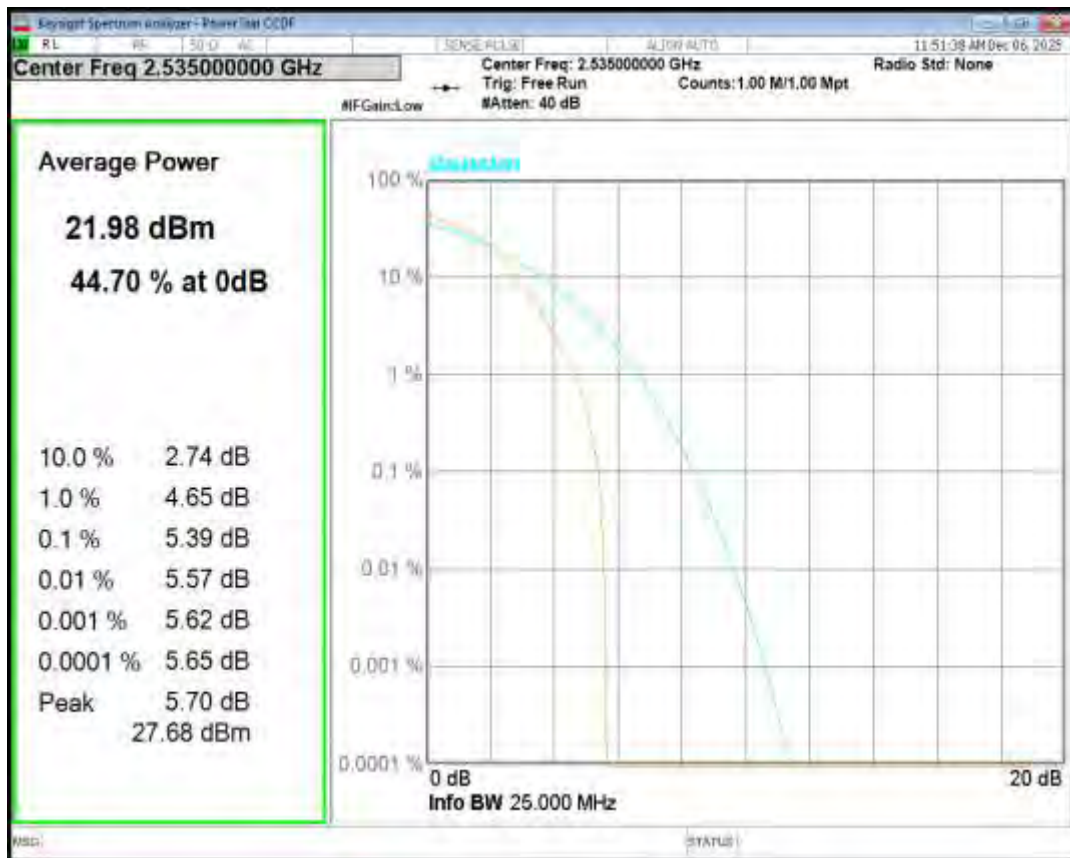
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0



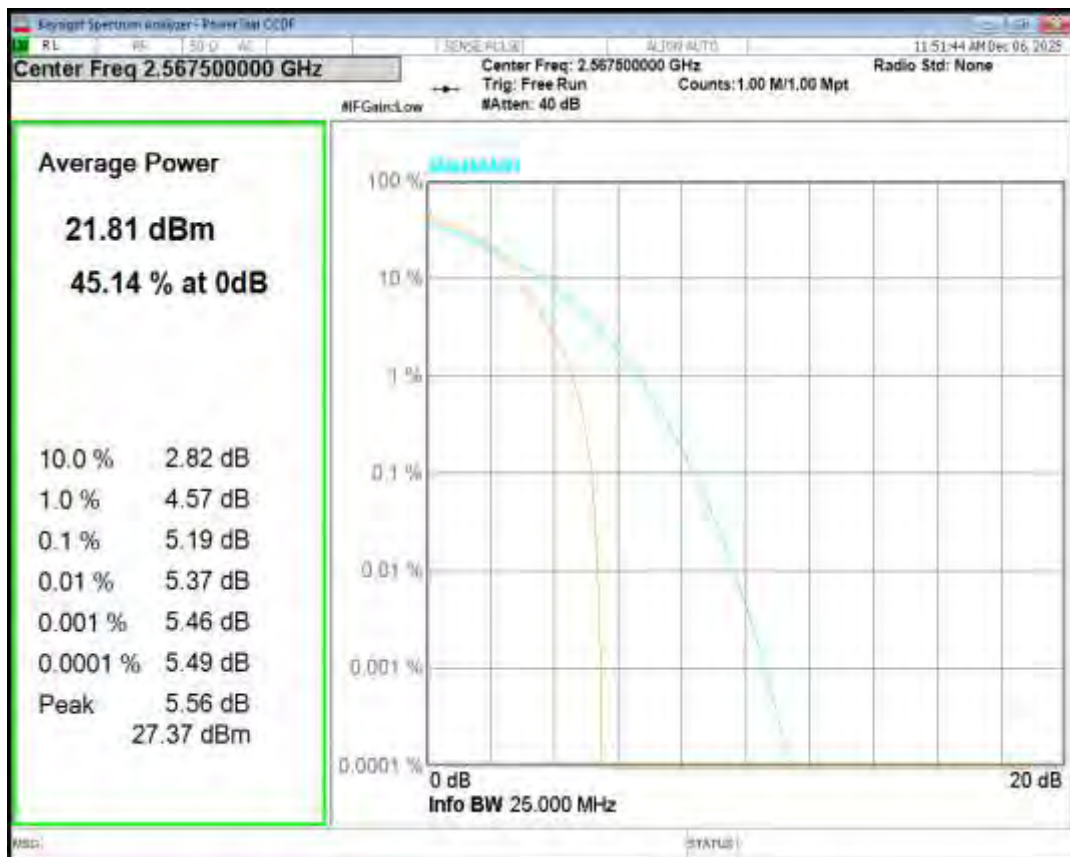
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0



Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



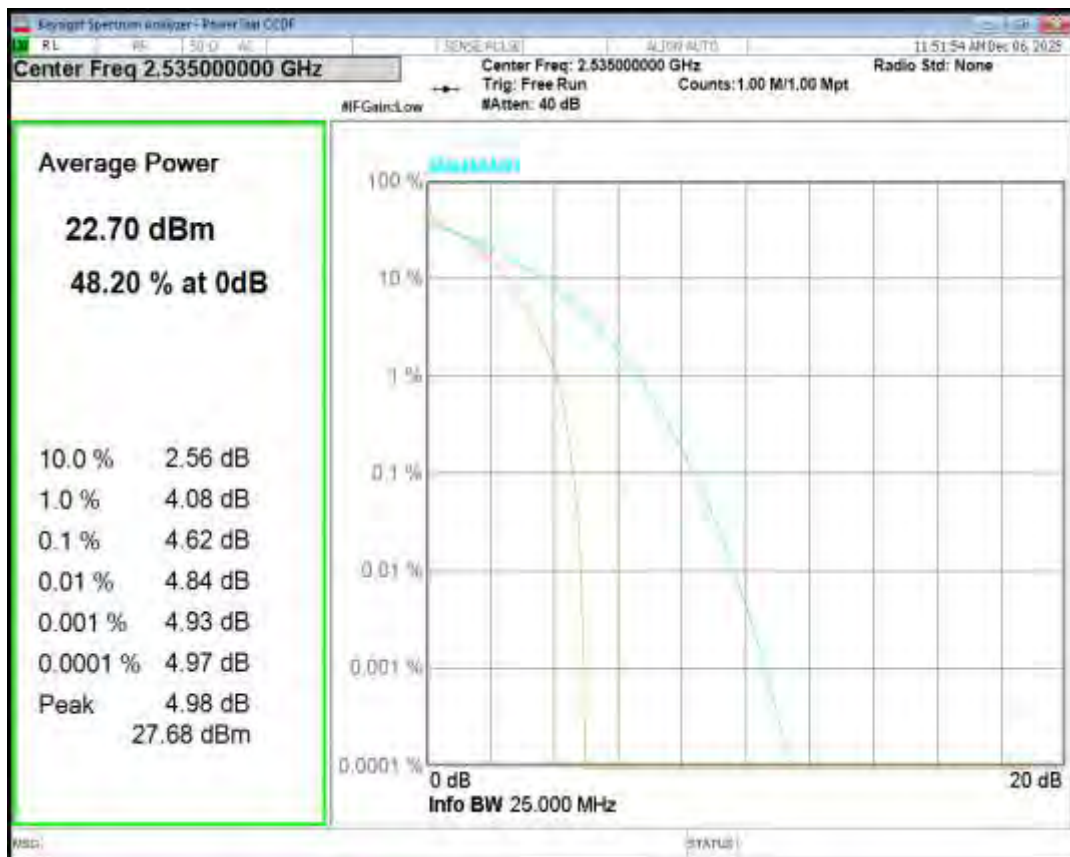
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0



Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



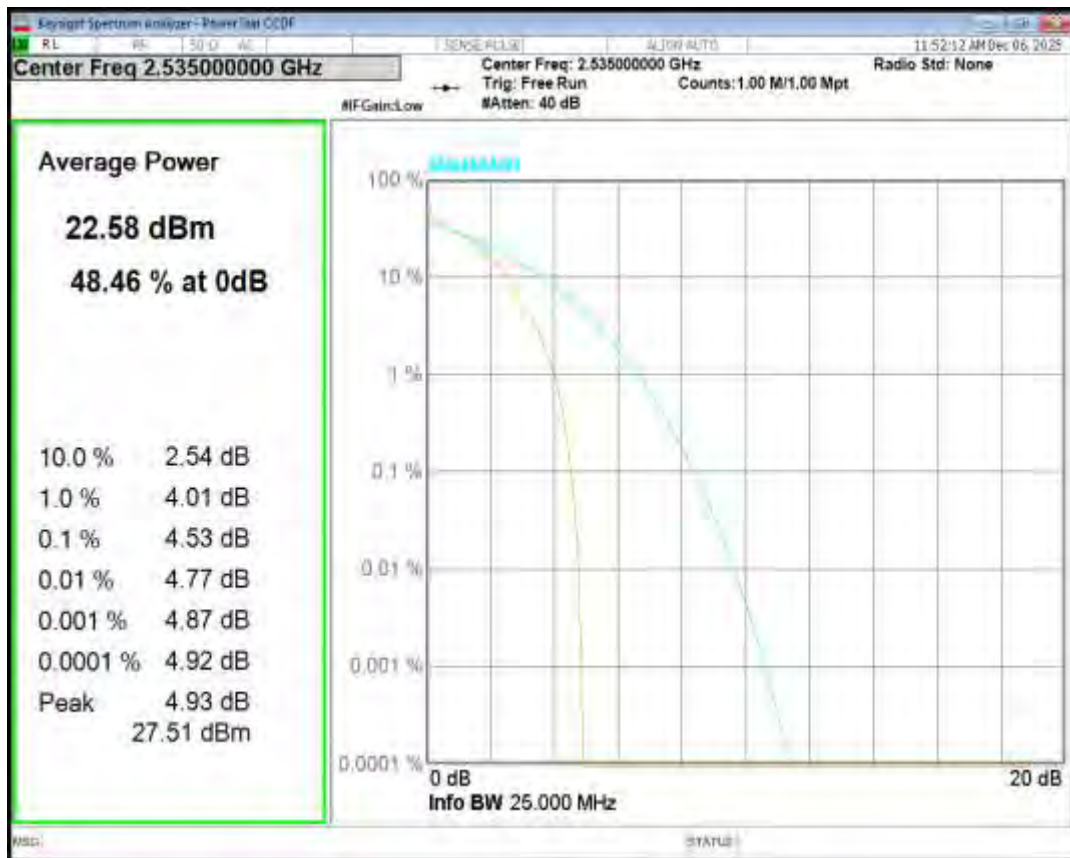
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



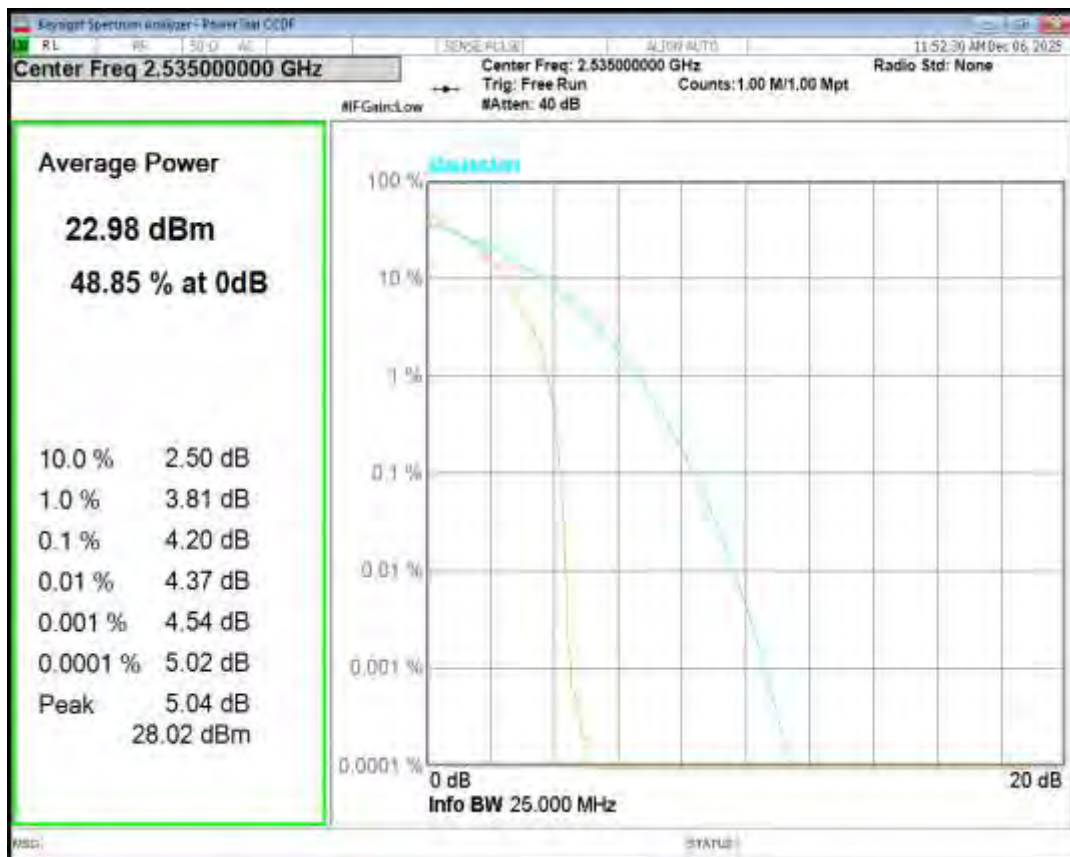
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0



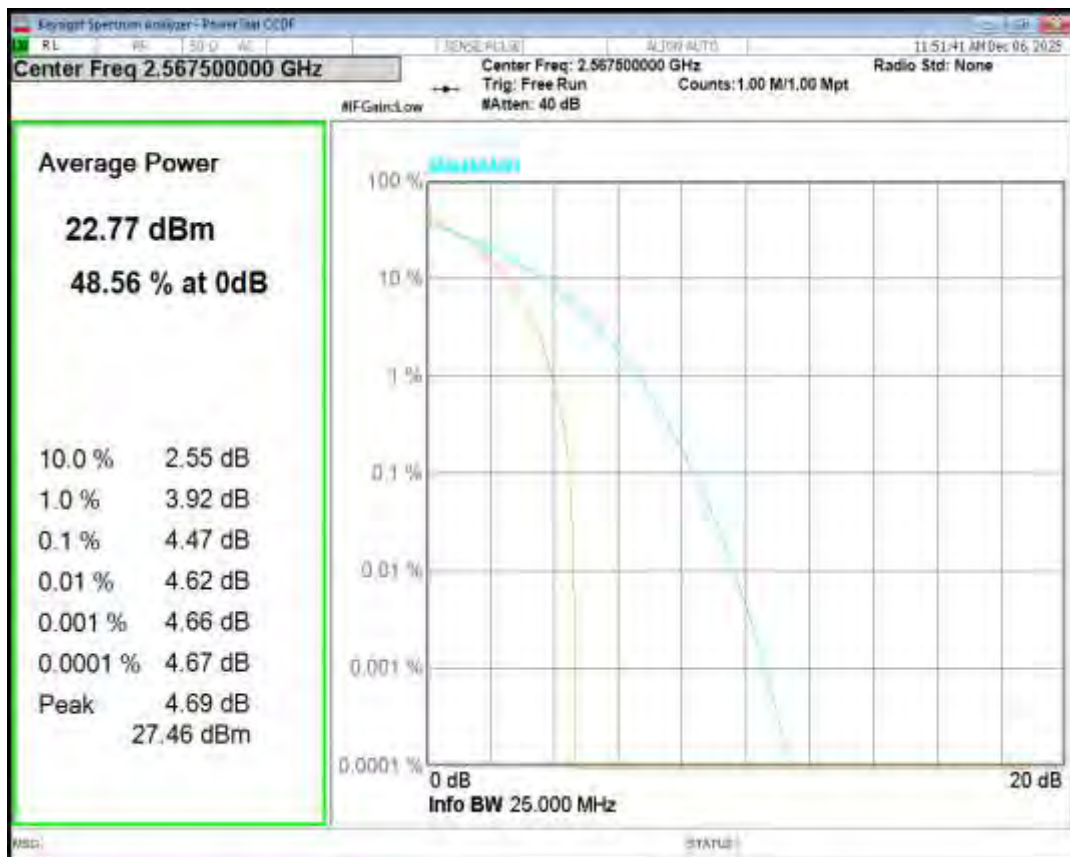
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



**04 Occupied bandwidth**

| Band   | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|--------|-----------------|------------|---------|-------------|------------|---------------|-----------------|---------|
| Band12 | 1.4             | 23017      | 6       | #0          | QPSK       | 1.092         | 1.235           | PASS    |
| Band12 | 1.4             | 23017      | 6       | #0          | 16QAM      | 1.101         | 1.246           | PASS    |
| Band12 | 1.4             | 23095      | 6       | #0          | QPSK       | 1.087         | 1.235           | PASS    |
| Band12 | 1.4             | 23095      | 6       | #0          | 16QAM      | 1.087         | 1.238           | PASS    |
| Band12 | 1.4             | 23173      | 6       | #0          | QPSK       | 1.092         | 1.236           | PASS    |
| Band12 | 1.4             | 23173      | 6       | #0          | 16QAM      | 1.093         | 1.251           | PASS    |
| Band12 | 3               | 23025      | 15      | #0          | QPSK       | 2.678         | 2.894           | PASS    |
| Band12 | 3               | 23025      | 15      | #0          | 16QAM      | 2.690         | 2.909           | PASS    |
| Band12 | 3               | 23095      | 15      | #0          | QPSK       | 2.684         | 2.903           | PASS    |
| Band12 | 3               | 23095      | 15      | #0          | 16QAM      | 2.679         | 2.908           | PASS    |
| Band12 | 3               | 23165      | 15      | #0          | QPSK       | 2.692         | 2.898           | PASS    |
| Band12 | 3               | 23165      | 15      | #0          | 16QAM      | 2.682         | 2.907           | PASS    |
| Band12 | 5               | 23035      | 25      | #0          | QPSK       | 4.522         | 4.973           | PASS    |
| Band12 | 5               | 23035      | 25      | #0          | 16QAM      | 4.510         | 4.971           | PASS    |
| Band12 | 5               | 23095      | 25      | #0          | QPSK       | 4.515         | 4.918           | PASS    |
| Band12 | 5               | 23095      | 25      | #0          | 16QAM      | 4.516         | 4.947           | PASS    |
| Band12 | 5               | 23155      | 25      | #0          | QPSK       | 4.515         | 4.945           | PASS    |
| Band12 | 5               | 23155      | 25      | #0          | 16QAM      | 4.507         | 4.966           | PASS    |
| Band12 | 10              | 23060      | 50      | #0          | QPSK       | 8.989         | 9.777           | PASS    |
| Band12 | 10              | 23060      | 50      | #0          | 16QAM      | 8.964         | 9.832           | PASS    |
| Band12 | 10              | 23095      | 50      | #0          | QPSK       | 8.987         | 9.822           | PASS    |
| Band12 | 10              | 23095      | 50      | #0          | 16QAM      | 9.000         | 9.925           | PASS    |
| Band12 | 10              | 23130      | 50      | #0          | QPSK       | 9.011         | 9.812           | PASS    |
| Band12 | 10              | 23130      | 50      | #0          | 16QAM      | 8.991         | 9.864           | PASS    |
| Band17 | 5               | 23755      | 25      | #0          | QPSK       | 4.517         | 4.992           | PASS    |
| Band17 | 5               | 23755      | 25      | #0          | 16QAM      | 4.506         | 4.972           | PASS    |
| Band17 | 5               | 23790      | 25      | #0          | QPSK       | 4.521         | 4.920           | PASS    |
| Band17 | 5               | 23790      | 25      | #0          | 16QAM      | 4.512         | 4.946           | PASS    |
| Band17 | 5               | 23825      | 25      | #0          | QPSK       | 4.494         | 4.934           | PASS    |
| Band17 | 5               | 23825      | 25      | #0          | 16QAM      | 4.518         | 5.005           | PASS    |
| Band17 | 10              | 23780      | 50      | #0          | QPSK       | 8.985         | 9.853           | PASS    |
| Band17 | 10              | 23780      | 50      | #0          | 16QAM      | 8.988         | 9.813           | PASS    |
| Band17 | 10              | 23790      | 50      | #0          | QPSK       | 8.987         | 9.861           | PASS    |
| Band17 | 10              | 23790      | 50      | #0          | 16QAM      | 8.995         | 9.792           | PASS    |
| Band17 | 10              | 23800      | 50      | #0          | QPSK       | 8.968         | 9.801           | PASS    |
| Band17 | 10              | 23800      | 50      | #0          | 16QAM      | 8.995         | 9.868           | PASS    |
| Band2  | 1.4             | 18607      | 6       | #0          | QPSK       | 1.106         | 1.378           | PASS    |
| Band2  | 1.4             | 18607      | 6       | #0          | 16QAM      | 1.118         | 1.953           | PASS    |
| Band2  | 1.4             | 18900      | 6       | #0          | QPSK       | 1.099         | 1.237           | PASS    |
| Band2  | 1.4             | 18900      | 6       | #0          | 16QAM      | 1.110         | 1.375           | PASS    |
| Band2  | 1.4             | 19193      | 6       | #0          | QPSK       | 1.094         | 1.240           | PASS    |
| Band2  | 1.4             | 19193      | 6       | #0          | 16QAM      | 1.103         | 1.255           | PASS    |

|       |     |       |     |    |       |        |        |      |
|-------|-----|-------|-----|----|-------|--------|--------|------|
| Band2 | 3   | 18615 | 15  | #0 | QPSK  | 2.684  | 2.904  | PASS |
| Band2 | 3   | 18615 | 15  | #0 | 16QAM | 2.710  | 4.012  | PASS |
| Band2 | 3   | 18900 | 15  | #0 | QPSK  | 2.696  | 3.329  | PASS |
| Band2 | 3   | 18900 | 15  | #0 | 16QAM | 2.699  | 4.761  | PASS |
| Band2 | 3   | 19185 | 15  | #0 | QPSK  | 2.690  | 4.082  | PASS |
| Band2 | 3   | 19185 | 15  | #0 | 16QAM | 2.691  | 3.664  | PASS |
| Band2 | 5   | 18625 | 25  | #0 | QPSK  | 4.547  | 5.838  | PASS |
| Band2 | 5   | 18625 | 25  | #0 | 16QAM | 4.565  | 7.357  | PASS |
| Band2 | 5   | 18900 | 25  | #0 | QPSK  | 4.532  | 6.890  | PASS |
| Band2 | 5   | 18900 | 25  | #0 | 16QAM | 4.563  | 6.385  | PASS |
| Band2 | 5   | 19175 | 25  | #0 | QPSK  | 4.552  | 7.786  | PASS |
| Band2 | 5   | 19175 | 25  | #0 | 16QAM | 4.607  | 7.527  | PASS |
| Band2 | 10  | 18650 | 50  | #0 | QPSK  | 9.021  | 9.624  | PASS |
| Band2 | 10  | 18650 | 50  | #0 | 16QAM | 9.032  | 9.980  | PASS |
| Band2 | 10  | 18900 | 50  | #0 | QPSK  | 9.016  | 9.783  | PASS |
| Band2 | 10  | 18900 | 50  | #0 | 16QAM | 9.010  | 9.466  | PASS |
| Band2 | 10  | 19150 | 50  | #0 | QPSK  | 9.015  | 9.635  | PASS |
| Band2 | 10  | 19150 | 50  | #0 | 16QAM | 8.925  | 9.353  | PASS |
| Band2 | 15  | 18675 | 75  | #0 | QPSK  | 13.383 | 13.947 | PASS |
| Band2 | 15  | 18675 | 75  | #0 | 16QAM | 13.424 | 14.057 | PASS |
| Band2 | 15  | 18900 | 75  | #0 | QPSK  | 13.463 | 14.170 | PASS |
| Band2 | 15  | 18900 | 75  | #0 | 16QAM | 13.427 | 14.043 | PASS |
| Band2 | 15  | 19125 | 75  | #0 | QPSK  | 13.283 | 14.191 | PASS |
| Band2 | 15  | 19125 | 75  | #0 | 16QAM | 13.349 | 14.134 | PASS |
| Band2 | 20  | 18700 | 100 | #0 | QPSK  | 17.838 | 19.498 | PASS |
| Band2 | 20  | 18700 | 100 | #0 | 16QAM | 17.792 | 18.819 | PASS |
| Band2 | 20  | 18900 | 100 | #0 | QPSK  | 18.059 | 20.495 | PASS |
| Band2 | 20  | 18900 | 100 | #0 | 16QAM | 17.929 | 18.651 | PASS |
| Band2 | 20  | 19100 | 100 | #0 | QPSK  | 17.800 | 19.112 | PASS |
| Band2 | 20  | 19100 | 100 | #0 | 16QAM | 17.826 | 18.901 | PASS |
| Band4 | 1.4 | 19957 | 6   | #0 | QPSK  | 1.095  | 1.287  | PASS |
| Band4 | 1.4 | 19957 | 6   | #0 | 16QAM | 1.097  | 1.267  | PASS |
| Band4 | 1.4 | 20175 | 6   | #0 | QPSK  | 1.089  | 1.295  | PASS |
| Band4 | 1.4 | 20175 | 6   | #0 | 16QAM | 1.087  | 1.279  | PASS |
| Band4 | 1.4 | 20393 | 6   | #0 | QPSK  | 1.093  | 1.273  | PASS |
| Band4 | 1.4 | 20393 | 6   | #0 | 16QAM | 1.095  | 1.288  | PASS |
| Band4 | 3   | 19965 | 15  | #0 | QPSK  | 2.683  | 2.913  | PASS |
| Band4 | 3   | 19965 | 15  | #0 | 16QAM | 2.685  | 2.900  | PASS |
| Band4 | 3   | 20175 | 15  | #0 | QPSK  | 2.706  | 2.944  | PASS |
| Band4 | 3   | 20175 | 15  | #0 | 16QAM | 2.696  | 2.916  | PASS |
| Band4 | 3   | 20385 | 15  | #0 | QPSK  | 2.694  | 2.928  | PASS |
| Band4 | 3   | 20385 | 15  | #0 | 16QAM | 2.694  | 2.913  | PASS |
| Band4 | 5   | 19975 | 25  | #0 | QPSK  | 4.499  | 4.894  | PASS |
| Band4 | 5   | 19975 | 25  | #0 | 16QAM | 4.505  | 4.867  | PASS |

|        |    |       |     |    |       |        |        |      |
|--------|----|-------|-----|----|-------|--------|--------|------|
| Band4  | 5  | 20175 | 25  | #0 | QPSK  | 4.505  | 4.915  | PASS |
| Band4  | 5  | 20175 | 25  | #0 | 16QAM | 4.511  | 4.902  | PASS |
| Band4  | 5  | 20375 | 25  | #0 | QPSK  | 4.508  | 4.919  | PASS |
| Band4  | 5  | 20375 | 25  | #0 | 16QAM | 4.507  | 4.929  | PASS |
| Band4  | 10 | 20000 | 50  | #0 | QPSK  | 8.983  | 9.614  | PASS |
| Band4  | 10 | 20000 | 50  | #0 | 16QAM | 8.987  | 9.753  | PASS |
| Band4  | 10 | 20175 | 50  | #0 | QPSK  | 8.989  | 9.754  | PASS |
| Band4  | 10 | 20175 | 50  | #0 | 16QAM | 8.984  | 9.681  | PASS |
| Band4  | 10 | 20350 | 50  | #0 | QPSK  | 8.998  | 9.648  | PASS |
| Band4  | 10 | 20350 | 50  | #0 | 16QAM | 8.991  | 9.672  | PASS |
| Band4  | 15 | 20025 | 75  | #0 | QPSK  | 13.458 | 14.461 | PASS |
| Band4  | 15 | 20025 | 75  | #0 | 16QAM | 13.502 | 14.380 | PASS |
| Band4  | 15 | 20175 | 75  | #0 | QPSK  | 13.458 | 14.344 | PASS |
| Band4  | 15 | 20175 | 75  | #0 | 16QAM | 13.494 | 14.601 | PASS |
| Band4  | 15 | 20325 | 75  | #0 | QPSK  | 13.452 | 14.393 | PASS |
| Band4  | 15 | 20325 | 75  | #0 | 16QAM | 13.456 | 14.498 | PASS |
| Band4  | 20 | 20050 | 100 | #0 | QPSK  | 17.999 | 19.328 | PASS |
| Band4  | 20 | 20050 | 100 | #0 | 16QAM | 17.967 | 19.355 | PASS |
| Band4  | 20 | 20175 | 100 | #0 | QPSK  | 17.962 | 19.222 | PASS |
| Band4  | 20 | 20175 | 100 | #0 | 16QAM | 18.013 | 19.219 | PASS |
| Band4  | 20 | 20300 | 100 | #0 | QPSK  | 17.920 | 19.350 | PASS |
| Band4  | 20 | 20300 | 100 | #0 | 16QAM | 17.981 | 19.283 | PASS |
| Band41 | 5  | 39675 | 25  | #0 | QPSK  | 4.526  | 4.889  | PASS |
| Band41 | 5  | 39675 | 25  | #0 | 16QAM | 4.509  | 4.894  | PASS |
| Band41 | 5  | 40620 | 25  | #0 | QPSK  | 4.507  | 4.870  | PASS |
| Band41 | 5  | 40620 | 25  | #0 | 16QAM | 4.501  | 5.028  | PASS |
| Band41 | 5  | 41565 | 25  | #0 | QPSK  | 4.490  | 4.892  | PASS |
| Band41 | 5  | 41565 | 25  | #0 | 16QAM | 4.516  | 4.947  | PASS |
| Band41 | 10 | 39700 | 50  | #0 | QPSK  | 8.995  | 9.840  | PASS |
| Band41 | 10 | 39700 | 50  | #0 | 16QAM | 9.008  | 9.806  | PASS |
| Band41 | 10 | 40620 | 50  | #0 | QPSK  | 8.963  | 10.005 | PASS |
| Band41 | 10 | 40620 | 50  | #0 | 16QAM | 8.956  | 9.713  | PASS |
| Band41 | 10 | 41540 | 50  | #0 | QPSK  | 8.953  | 9.793  | PASS |
| Band41 | 10 | 41540 | 50  | #0 | 16QAM | 9.025  | 9.869  | PASS |
| Band41 | 15 | 39725 | 75  | #0 | QPSK  | 13.430 | 14.610 | PASS |
| Band41 | 15 | 39725 | 75  | #0 | 16QAM | 13.438 | 14.884 | PASS |
| Band41 | 15 | 40620 | 75  | #0 | QPSK  | 13.446 | 14.651 | PASS |
| Band41 | 15 | 40620 | 75  | #0 | 16QAM | 13.361 | 14.806 | PASS |
| Band41 | 15 | 41515 | 75  | #0 | QPSK  | 13.373 | 14.627 | PASS |
| Band41 | 15 | 41515 | 75  | #0 | 16QAM | 13.468 | 14.620 | PASS |
| Band41 | 20 | 39750 | 100 | #0 | QPSK  | 17.902 | 19.462 | PASS |
| Band41 | 20 | 39750 | 100 | #0 | 16QAM | 17.966 | 19.290 | PASS |
| Band41 | 20 | 40620 | 100 | #0 | QPSK  | 17.841 | 19.351 | PASS |
| Band41 | 20 | 40620 | 100 | #0 | 16QAM | 17.859 | 19.720 | PASS |

|        |     |        |     |    |       |        |        |      |
|--------|-----|--------|-----|----|-------|--------|--------|------|
| Band41 | 20  | 41490  | 100 | #0 | QPSK  | 17.852 | 19.455 | PASS |
| Band41 | 20  | 41490  | 100 | #0 | 16QAM | 17.952 | 19.740 | PASS |
| Band5  | 1.4 | 20407  | 6   | #0 | QPSK  | 1.082  | 1.231  | PASS |
| Band5  | 1.4 | 20407  | 6   | #0 | 16QAM | 1.098  | 1.251  | PASS |
| Band5  | 1.4 | 20525  | 6   | #0 | QPSK  | 1.083  | 1.246  | PASS |
| Band5  | 1.4 | 20525  | 6   | #0 | 16QAM | 1.087  | 1.238  | PASS |
| Band5  | 1.4 | 20643  | 6   | #0 | QPSK  | 1.095  | 1.246  | PASS |
| Band5  | 1.4 | 20643  | 6   | #0 | 16QAM | 1.095  | 1.228  | PASS |
| Band5  | 3   | 20415  | 15  | #0 | QPSK  | 2.692  | 2.905  | PASS |
| Band5  | 3   | 20415  | 15  | #0 | 16QAM | 2.680  | 2.907  | PASS |
| Band5  | 3   | 20525  | 15  | #0 | QPSK  | 2.684  | 2.891  | PASS |
| Band5  | 3   | 20525  | 15  | #0 | 16QAM | 2.684  | 2.906  | PASS |
| Band5  | 3   | 20635  | 15  | #0 | QPSK  | 2.689  | 2.904  | PASS |
| Band5  | 3   | 20635  | 15  | #0 | 16QAM | 2.683  | 2.912  | PASS |
| Band5  | 5   | 20425  | 25  | #0 | QPSK  | 4.513  | 4.994  | PASS |
| Band5  | 5   | 20425  | 25  | #0 | 16QAM | 4.512  | 4.961  | PASS |
| Band5  | 5   | 20525  | 25  | #0 | QPSK  | 4.513  | 5.007  | PASS |
| Band5  | 5   | 20525  | 25  | #0 | 16QAM | 4.507  | 4.953  | PASS |
| Band5  | 5   | 20625  | 25  | #0 | QPSK  | 4.510  | 4.923  | PASS |
| Band5  | 5   | 20625  | 25  | #0 | 16QAM | 4.494  | 4.932  | PASS |
| Band5  | 10  | 20450  | 50  | #0 | QPSK  | 8.991  | 9.915  | PASS |
| Band5  | 10  | 20450  | 50  | #0 | 16QAM | 8.995  | 9.900  | PASS |
| Band5  | 10  | 20525  | 50  | #0 | QPSK  | 8.970  | 9.788  | PASS |
| Band5  | 10  | 20525  | 50  | #0 | 16QAM | 8.998  | 9.925  | PASS |
| Band5  | 10  | 20600  | 50  | #0 | QPSK  | 9.007  | 9.777  | PASS |
| Band5  | 10  | 20600  | 50  | #0 | 16QAM | 8.986  | 9.888  | PASS |
| Band66 | 1.4 | 131979 | 6   | #0 | QPSK  | 1.091  | 1.278  | PASS |
| Band66 | 1.4 | 131979 | 6   | #0 | 16QAM | 1.100  | 1.308  | PASS |
| Band66 | 1.4 | 132322 | 6   | #0 | QPSK  | 1.099  | 1.292  | PASS |
| Band66 | 1.4 | 132322 | 6   | #0 | 16QAM | 1.090  | 1.275  | PASS |
| Band66 | 1.4 | 132665 | 6   | #0 | QPSK  | 1.089  | 1.285  | PASS |
| Band66 | 1.4 | 132665 | 6   | #0 | 16QAM | 1.096  | 1.268  | PASS |
| Band66 | 3   | 131987 | 15  | #0 | QPSK  | 2.690  | 2.910  | PASS |
| Band66 | 3   | 131987 | 15  | #0 | 16QAM | 2.688  | 2.940  | PASS |
| Band66 | 3   | 132322 | 15  | #0 | QPSK  | 2.691  | 2.924  | PASS |
| Band66 | 3   | 132322 | 15  | #0 | 16QAM | 2.687  | 2.893  | PASS |
| Band66 | 3   | 132657 | 15  | #0 | QPSK  | 2.685  | 2.916  | PASS |
| Band66 | 3   | 132657 | 15  | #0 | 16QAM | 2.679  | 2.914  | PASS |
| Band66 | 5   | 131997 | 25  | #0 | QPSK  | 4.527  | 5.106  | PASS |
| Band66 | 5   | 131997 | 25  | #0 | 16QAM | 4.534  | 5.152  | PASS |
| Band66 | 5   | 132322 | 25  | #0 | QPSK  | 4.530  | 5.167  | PASS |
| Band66 | 5   | 132322 | 25  | #0 | 16QAM | 4.536  | 5.143  | PASS |
| Band66 | 5   | 132647 | 25  | #0 | QPSK  | 4.517  | 5.078  | PASS |
| Band66 | 5   | 132647 | 25  | #0 | 16QAM | 4.524  | 5.191  | PASS |

|        |    |        |     |    |       |        |        |      |
|--------|----|--------|-----|----|-------|--------|--------|------|
| Band66 | 10 | 132022 | 50  | #0 | QPSK  | 9.003  | 10.053 | PASS |
| Band66 | 10 | 132022 | 50  | #0 | 16QAM | 8.995  | 9.905  | PASS |
| Band66 | 10 | 132322 | 50  | #0 | QPSK  | 9.005  | 9.933  | PASS |
| Band66 | 10 | 132322 | 50  | #0 | 16QAM | 8.991  | 9.979  | PASS |
| Band66 | 10 | 132622 | 50  | #0 | QPSK  | 9.036  | 9.986  | PASS |
| Band66 | 10 | 132622 | 50  | #0 | 16QAM | 8.985  | 9.879  | PASS |
| Band66 | 15 | 132047 | 75  | #0 | QPSK  | 13.489 | 14.742 | PASS |
| Band66 | 15 | 132047 | 75  | #0 | 16QAM | 13.479 | 15.074 | PASS |
| Band66 | 15 | 132322 | 75  | #0 | QPSK  | 13.489 | 14.784 | PASS |
| Band66 | 15 | 132322 | 75  | #0 | 16QAM | 13.494 | 14.849 | PASS |
| Band66 | 15 | 132597 | 75  | #0 | QPSK  | 13.497 | 14.921 | PASS |
| Band66 | 15 | 132597 | 75  | #0 | 16QAM | 13.479 | 14.910 | PASS |
| Band66 | 20 | 132072 | 100 | #0 | QPSK  | 18.006 | 19.879 | PASS |
| Band66 | 20 | 132072 | 100 | #0 | 16QAM | 18.017 | 19.599 | PASS |
| Band66 | 20 | 132322 | 100 | #0 | QPSK  | 17.930 | 19.422 | PASS |
| Band66 | 20 | 132322 | 100 | #0 | 16QAM | 17.935 | 19.617 | PASS |
| Band66 | 20 | 132572 | 100 | #0 | QPSK  | 17.948 | 19.668 | PASS |
| Band66 | 20 | 132572 | 100 | #0 | 16QAM | 18.003 | 19.780 | PASS |
| Band7  | 5  | 20775  | 25  | #0 | QPSK  | 4.511  | 4.941  | PASS |
| Band7  | 5  | 20775  | 25  | #0 | 16QAM | 4.517  | 4.972  | PASS |
| Band7  | 5  | 21100  | 25  | #0 | QPSK  | 4.516  | 5.001  | PASS |
| Band7  | 5  | 21100  | 25  | #0 | 16QAM | 4.504  | 4.988  | PASS |
| Band7  | 5  | 21425  | 25  | #0 | QPSK  | 4.507  | 4.938  | PASS |
| Band7  | 5  | 21425  | 25  | #0 | 16QAM | 4.514  | 4.970  | PASS |
| Band7  | 10 | 20800  | 50  | #0 | QPSK  | 8.970  | 9.839  | PASS |
| Band7  | 10 | 20800  | 50  | #0 | 16QAM | 8.979  | 9.718  | PASS |
| Band7  | 10 | 21100  | 50  | #0 | QPSK  | 8.999  | 9.759  | PASS |
| Band7  | 10 | 21100  | 50  | #0 | 16QAM | 8.973  | 9.837  | PASS |
| Band7  | 10 | 21400  | 50  | #0 | QPSK  | 9.002  | 9.905  | PASS |
| Band7  | 10 | 21400  | 50  | #0 | 16QAM | 8.996  | 9.885  | PASS |
| Band7  | 15 | 20825  | 75  | #0 | QPSK  | 13.457 | 14.720 | PASS |
| Band7  | 15 | 20825  | 75  | #0 | 16QAM | 13.477 | 14.920 | PASS |
| Band7  | 15 | 21100  | 75  | #0 | QPSK  | 13.489 | 14.743 | PASS |
| Band7  | 15 | 21100  | 75  | #0 | 16QAM | 13.497 | 14.829 | PASS |
| Band7  | 15 | 21375  | 75  | #0 | QPSK  | 13.482 | 14.649 | PASS |
| Band7  | 15 | 21375  | 75  | #0 | 16QAM | 13.473 | 14.688 | PASS |
| Band7  | 20 | 20850  | 100 | #0 | QPSK  | 17.935 | 19.534 | PASS |
| Band7  | 20 | 20850  | 100 | #0 | 16QAM | 18.002 | 19.564 | PASS |
| Band7  | 20 | 21100  | 100 | #0 | QPSK  | 17.989 | 19.612 | PASS |
| Band7  | 20 | 21100  | 100 | #0 | 16QAM | 17.984 | 19.772 | PASS |
| Band7  | 20 | 21350  | 100 | #0 | QPSK  | 17.984 | 19.576 | PASS |
| Band7  | 20 | 21350  | 100 | #0 | 16QAM | 17.947 | 19.754 | PASS |



Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0



Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



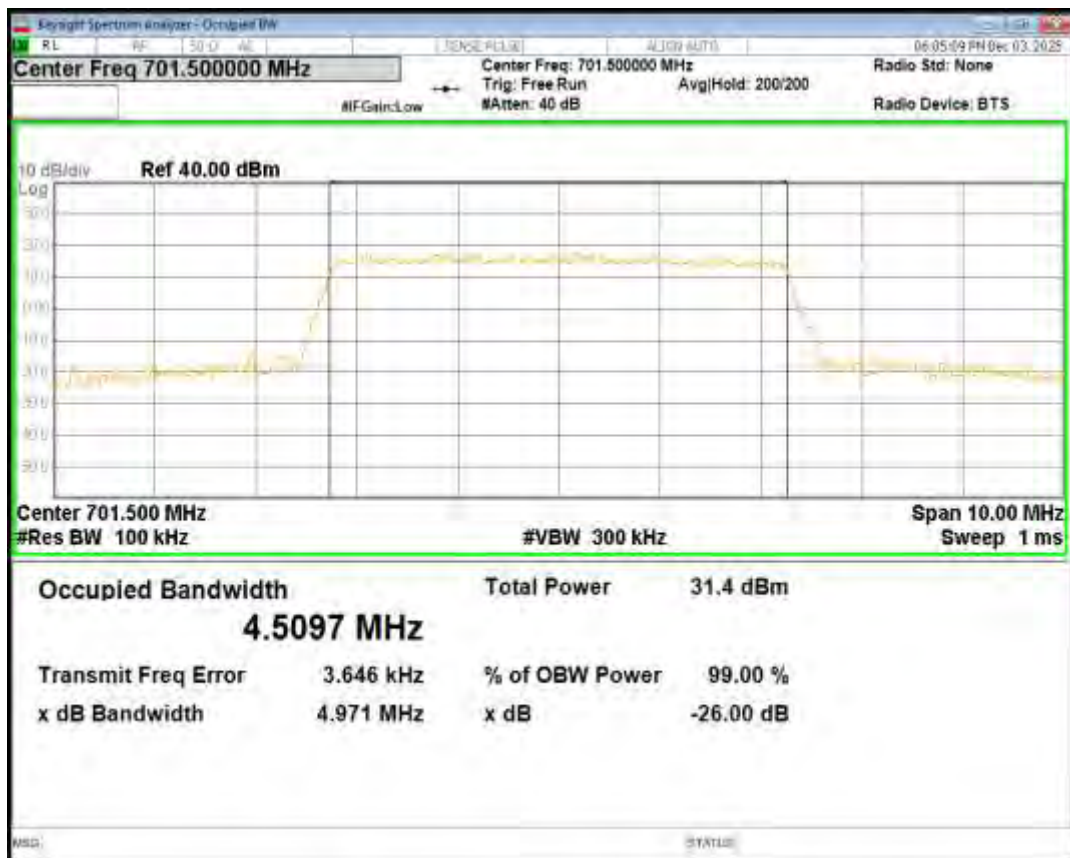
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



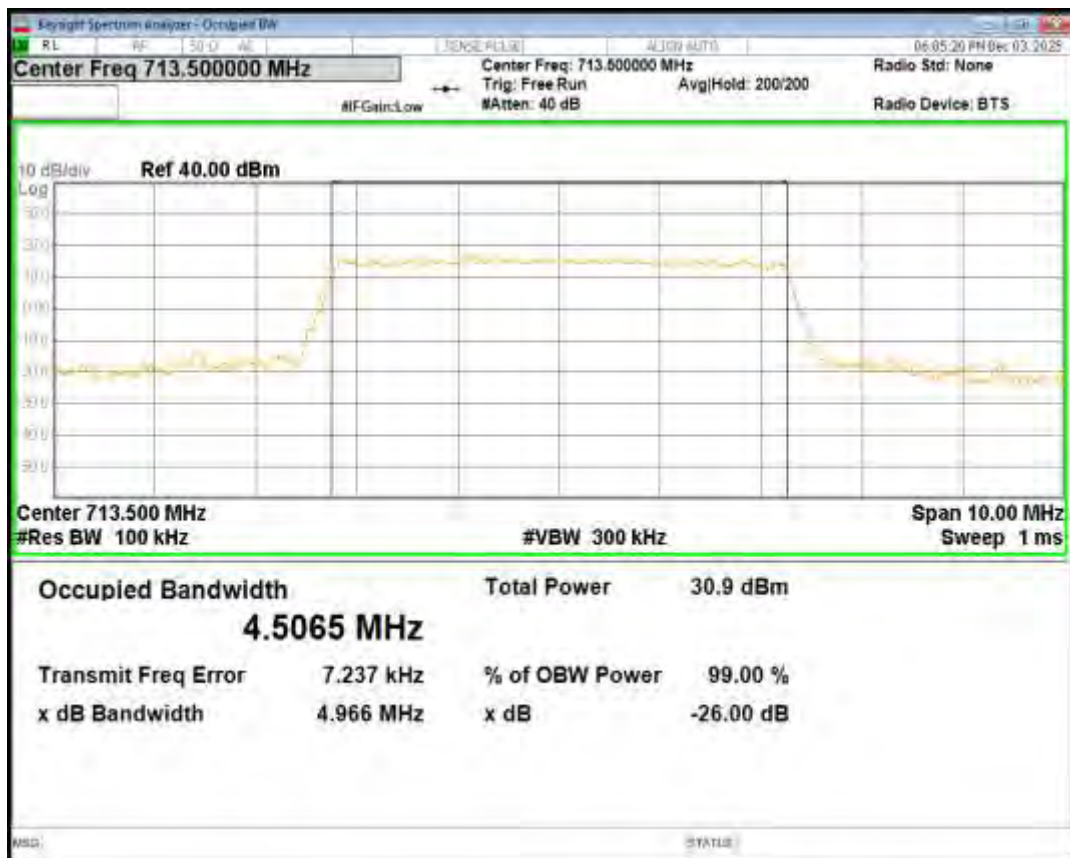
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



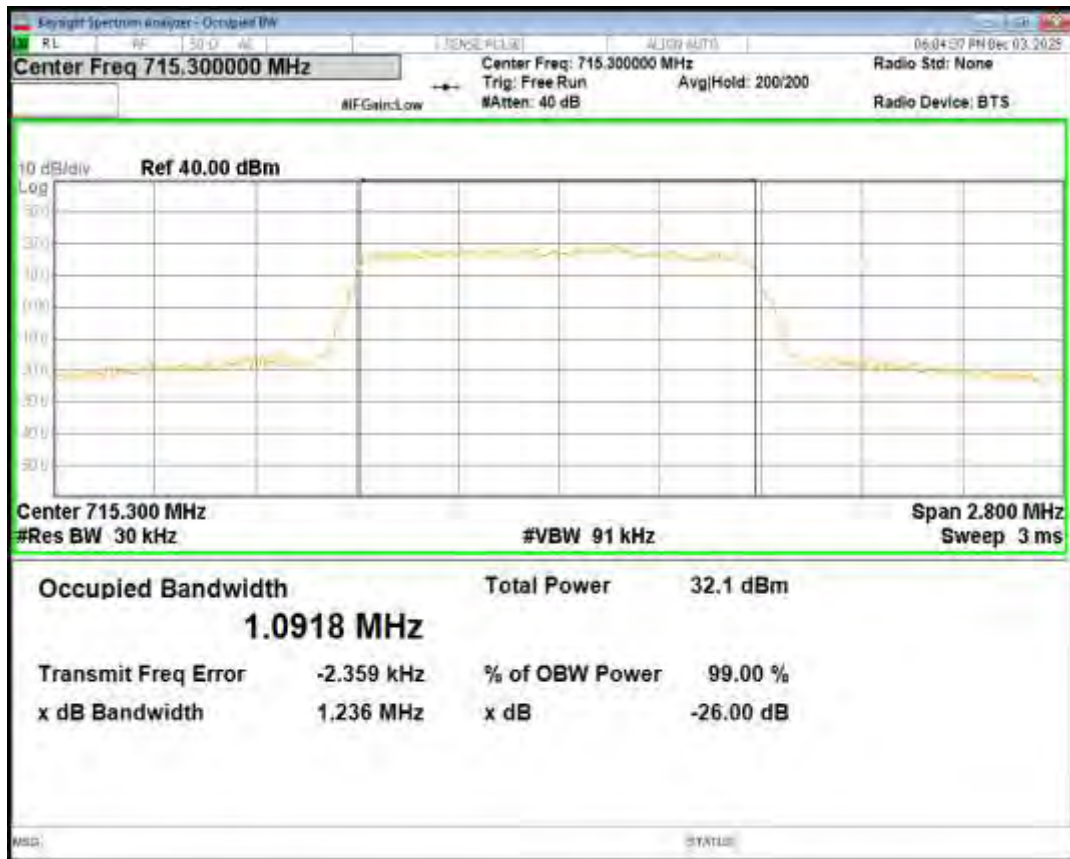
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



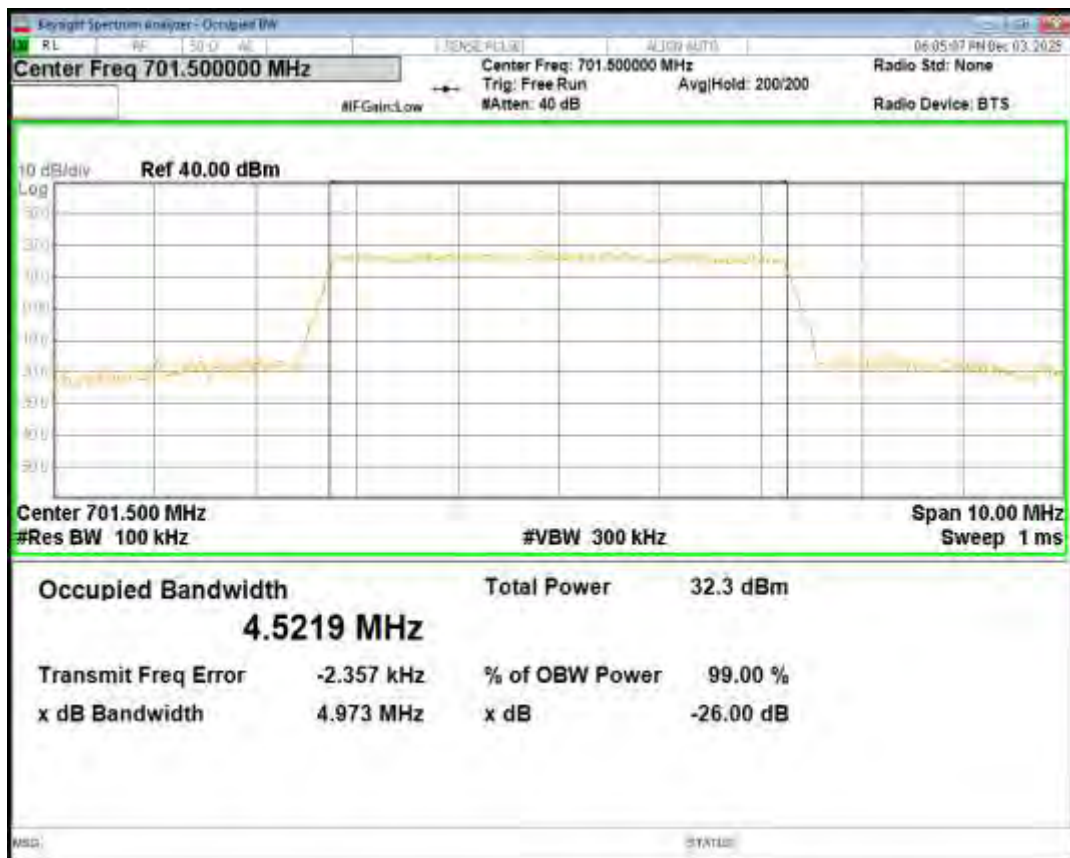
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



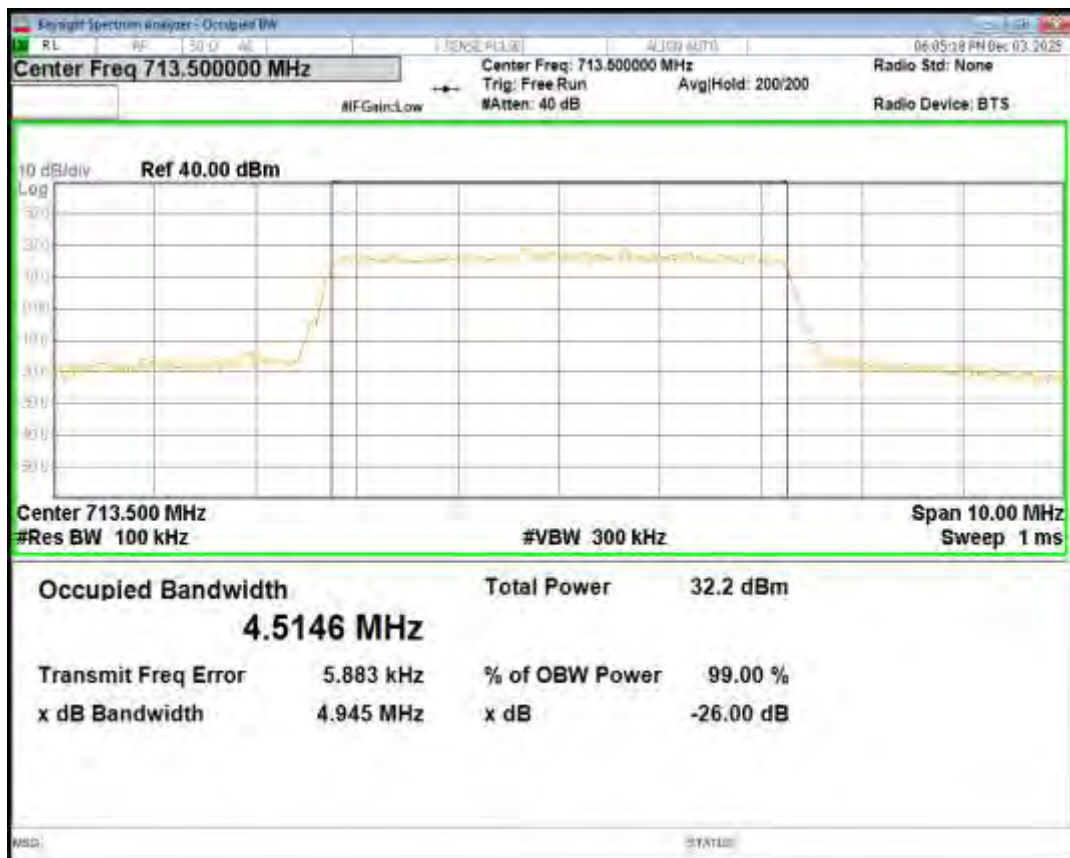
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



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



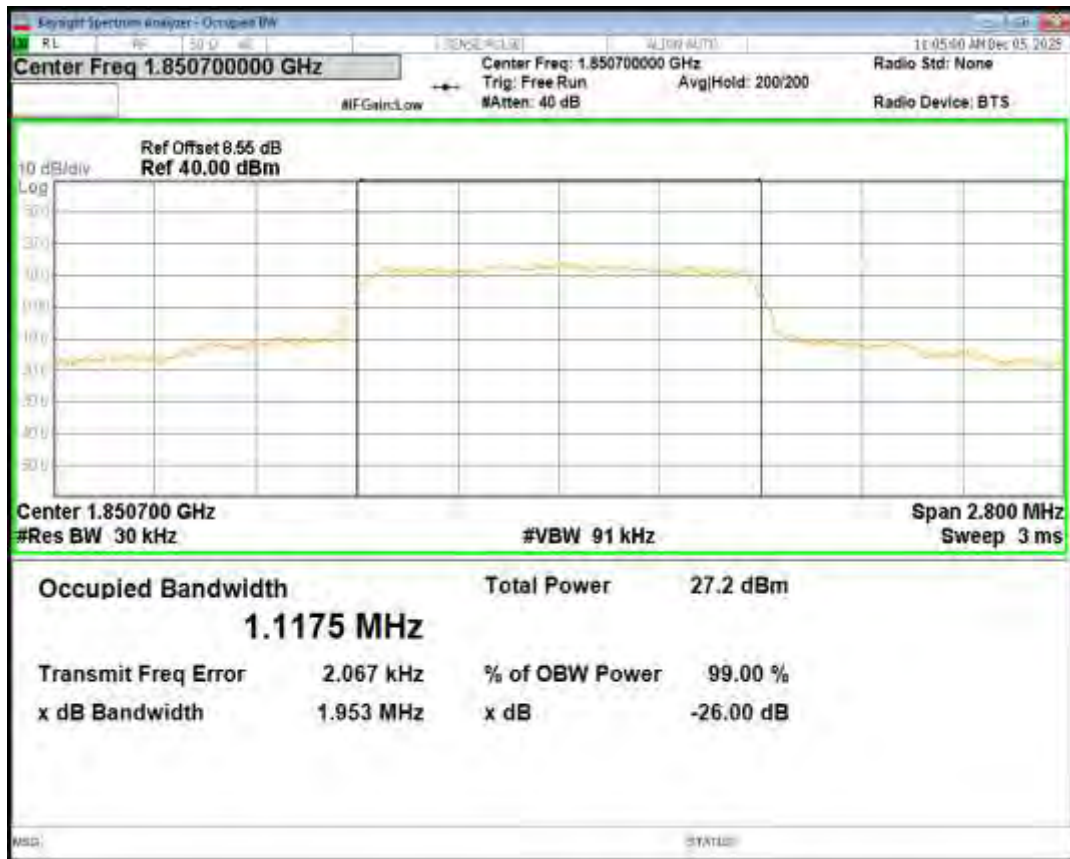
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



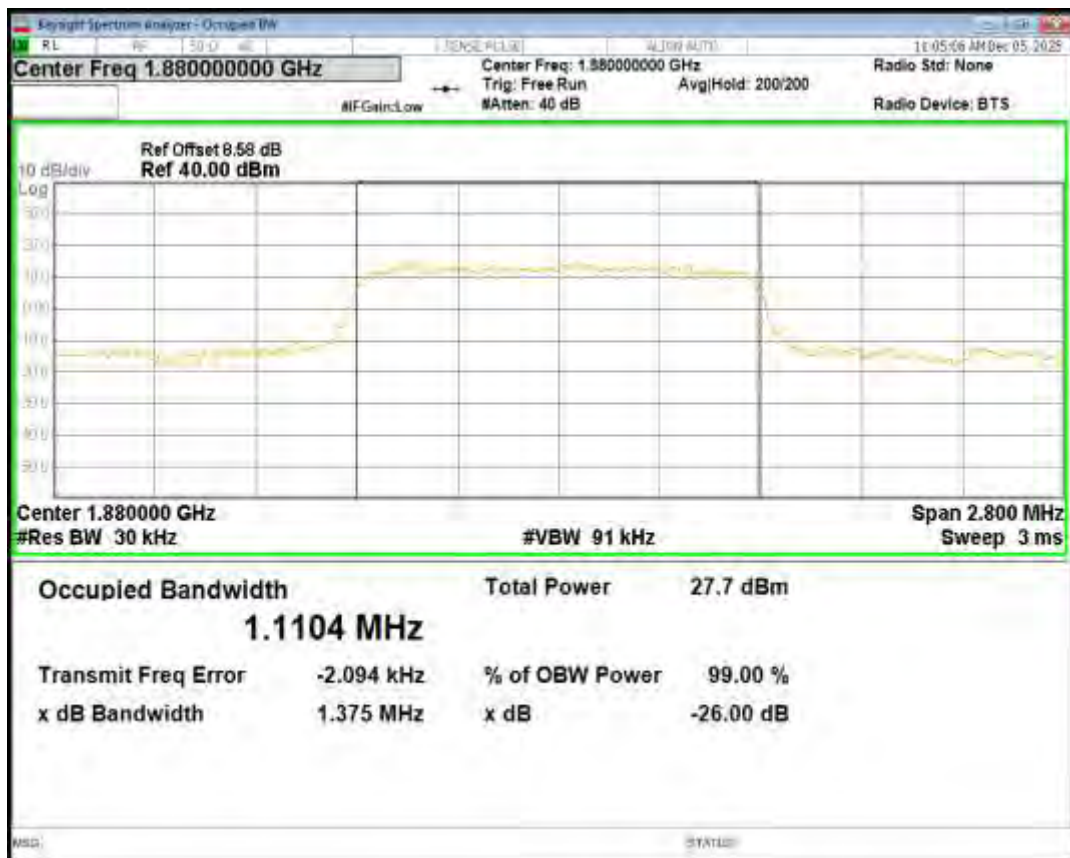
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



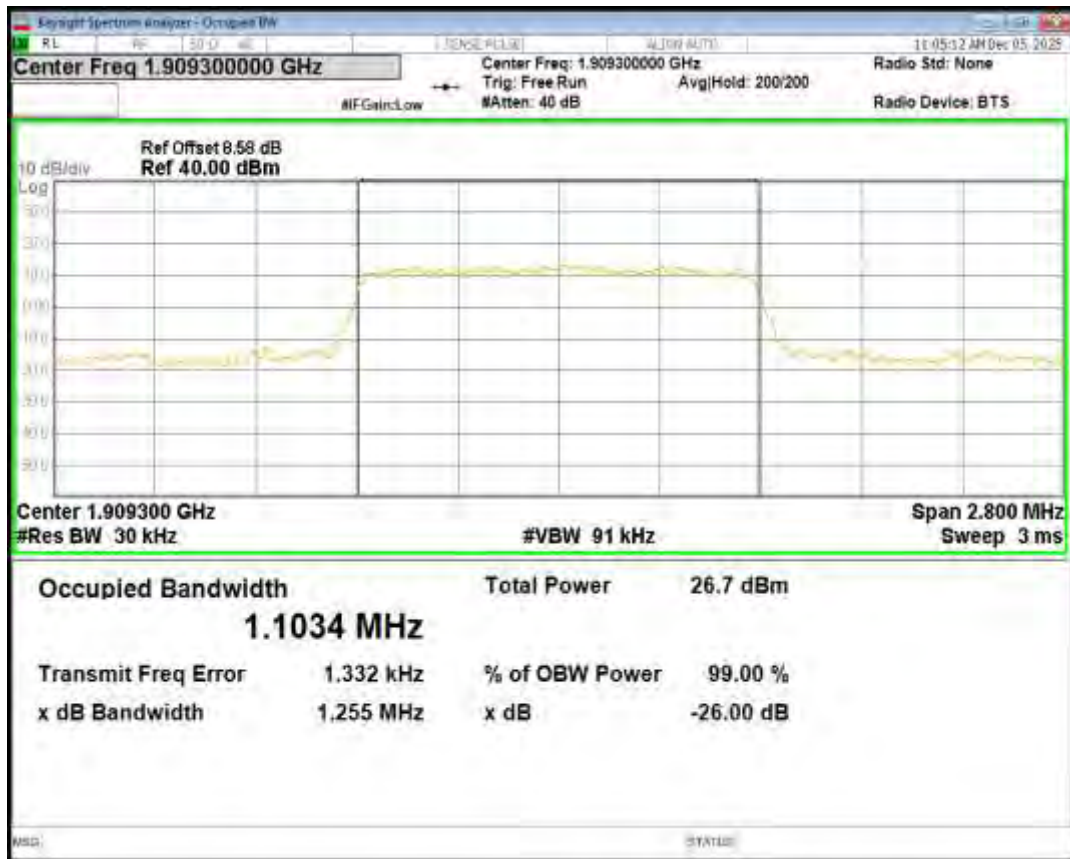
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0