

**1 Conducted output power**

| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Power<br>(dBm) | Gain<br>(dB) | EIRP<br>(dBm) | EIRP<br>(mW) | EIRP<br>Limit<br>(mW) | Verdict |
|-------|--------------------|---------------|------------|----------------|------------|----------------|--------------|---------------|--------------|-----------------------|---------|
| Band7 | 5                  | 20775         | 1          | #0             | QPSK       | 17.98          | 1.79         | 19.77         | 94.84        | 2000                  | PASS    |
| Band7 | 5                  | 20775         | 1          | #Mid           | QPSK       | 17.87          | 1.79         | 19.66         | 92.47        | 2000                  | PASS    |
| Band7 | 5                  | 20775         | 1          | #Max           | QPSK       | 18.74          | 1.79         | 20.53         | 112.98       | 2000                  | PASS    |
| Band7 | 5                  | 20775         | 12         | #0             | QPSK       | 17.61          | 1.79         | 19.40         | 87.10        | 2000                  | PASS    |
| Band7 | 5                  | 20775         | 12         | #Max           | QPSK       | 18.03          | 1.79         | 19.82         | 95.94        | 2000                  | PASS    |
| Band7 | 5                  | 20775         | 25         | #0             | QPSK       | 17.78          | 1.79         | 19.57         | 90.57        | 2000                  | PASS    |
| Band7 | 5                  | 20775         | 1          | #0             | QAM16      | 17.95          | 1.79         | 19.74         | 94.19        | 2000                  | PASS    |
| Band7 | 5                  | 20775         | 1          | #Mid           | QAM16      | 17.78          | 1.79         | 19.57         | 90.57        | 2000                  | PASS    |
| Band7 | 5                  | 20775         | 1          | #Max           | QAM16      | 18.70          | 1.79         | 20.49         | 111.94       | 2000                  | PASS    |
| Band7 | 5                  | 20775         | 12         | #0             | QAM16      | 17.08          | 1.79         | 18.87         | 77.09        | 2000                  | PASS    |
| Band7 | 5                  | 20775         | 12         | #Max           | QAM16      | 17.54          | 1.79         | 19.33         | 85.70        | 2000                  | PASS    |
| Band7 | 5                  | 20775         | 25         | #0             | QAM16      | 17.30          | 1.79         | 19.09         | 81.10        | 2000                  | PASS    |
| Band7 | 5                  | 21100         | 1          | #0             | QPSK       | 18.71          | 1.79         | 20.50         | 112.20       | 2000                  | PASS    |
| Band7 | 5                  | 21100         | 1          | #Mid           | QPSK       | 18.37          | 1.79         | 20.16         | 103.75       | 2000                  | PASS    |
| Band7 | 5                  | 21100         | 1          | #Max           | QPSK       | 18.76          | 1.79         | 20.55         | 113.50       | 2000                  | PASS    |
| Band7 | 5                  | 21100         | 12         | #0             | QPSK       | 17.84          | 1.79         | 19.63         | 91.83        | 2000                  | PASS    |
| Band7 | 5                  | 21100         | 12         | #Max           | QPSK       | 18.11          | 1.79         | 19.90         | 97.72        | 2000                  | PASS    |
| Band7 | 5                  | 21100         | 25         | #0             | QPSK       | 18.09          | 1.79         | 19.88         | 97.27        | 2000                  | PASS    |
| Band7 | 5                  | 21100         | 1          | #0             | QAM16      | 18.23          | 1.79         | 20.02         | 100.46       | 2000                  | PASS    |
| Band7 | 5                  | 21100         | 1          | #Mid           | QAM16      | 18.03          | 1.79         | 19.82         | 95.94        | 2000                  | PASS    |
| Band7 | 5                  | 21100         | 1          | #Max           | QAM16      | 18.42          | 1.79         | 20.21         | 104.95       | 2000                  | PASS    |
| Band7 | 5                  | 21100         | 12         | #0             | QAM16      | 17.60          | 1.79         | 19.39         | 86.90        | 2000                  | PASS    |
| Band7 | 5                  | 21100         | 12         | #Max           | QAM16      | 17.77          | 1.79         | 19.56         | 90.36        | 2000                  | PASS    |
| Band7 | 5                  | 21100         | 25         | #0             | QAM16      | 17.75          | 1.79         | 19.54         | 89.95        | 2000                  | PASS    |
| Band7 | 5                  | 21425         | 1          | #0             | QPSK       | 19.38          | 1.79         | 21.17         | 130.92       | 2000                  | PASS    |
| Band7 | 5                  | 21425         | 1          | #Mid           | QPSK       | 18.64          | 1.79         | 20.43         | 110.41       | 2000                  | PASS    |
| Band7 | 5                  | 21425         | 1          | #Max           | QPSK       | 18.93          | 1.79         | 20.72         | 118.03       | 2000                  | PASS    |
| Band7 | 5                  | 21425         | 12         | #0             | QPSK       | 18.79          | 1.79         | 20.58         | 114.29       | 2000                  | PASS    |
| Band7 | 5                  | 21425         | 12         | #Max           | QPSK       | 18.54          | 1.79         | 20.33         | 107.89       | 2000                  | PASS    |
| Band7 | 5                  | 21425         | 25         | #0             | QPSK       | 18.64          | 1.79         | 20.43         | 110.41       | 2000                  | PASS    |
| Band7 | 5                  | 21425         | 1          | #0             | QAM16      | 19.30          | 1.79         | 21.09         | 128.53       | 2000                  | PASS    |
| Band7 | 5                  | 21425         | 1          | #Mid           | QAM16      | 18.57          | 1.79         | 20.36         | 108.64       | 2000                  | PASS    |
| Band7 | 5                  | 21425         | 1          | #Max           | QAM16      | 18.84          | 1.79         | 20.63         | 115.61       | 2000                  | PASS    |
| Band7 | 5                  | 21425         | 12         | #0             | QAM16      | 18.30          | 1.79         | 20.09         | 102.09       | 2000                  | PASS    |
| Band7 | 5                  | 21425         | 12         | #Max           | QAM16      | 18.06          | 1.79         | 19.85         | 96.61        | 2000                  | PASS    |
| Band7 | 5                  | 21425         | 25         | #0             | QAM16      | 18.20          | 1.79         | 19.99         | 99.77        | 2000                  | PASS    |
| Band7 | 10                 | 20800         | 1          | #0             | QPSK       | 18.27          | 1.79         | 20.06         | 101.39       | 2000                  | PASS    |
| Band7 | 10                 | 20800         | 1          | #Mid           | QPSK       | 18.15          | 1.79         | 19.94         | 98.63        | 2000                  | PASS    |
| Band7 | 10                 | 20800         | 1          | #Max           | QPSK       | 20.23          | 1.79         | 22.02         | 159.22       | 2000                  | PASS    |

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|       |    |       |    |      |       |       |      |       |        |      |      |
|-------|----|-------|----|------|-------|-------|------|-------|--------|------|------|
| Band7 | 10 | 20800 | 25 | #0   | QPSK  | 17.58 | 1.79 | 19.37 | 86.50  | 2000 | PASS |
| Band7 | 10 | 20800 | 25 | #Max | QPSK  | 18.43 | 1.79 | 20.22 | 105.20 | 2000 | PASS |
| Band7 | 10 | 20800 | 50 | #0   | QPSK  | 18.35 | 1.79 | 20.14 | 103.28 | 2000 | PASS |
| Band7 | 10 | 20800 | 1  | #0   | QAM16 | 17.93 | 1.79 | 19.72 | 93.76  | 2000 | PASS |
| Band7 | 10 | 20800 | 1  | #Mid | QAM16 | 17.95 | 1.79 | 19.74 | 94.19  | 2000 | PASS |
| Band7 | 10 | 20800 | 1  | #Max | QAM16 | 20.29 | 1.79 | 22.08 | 161.44 | 2000 | PASS |
| Band7 | 10 | 20800 | 25 | #0   | QAM16 | 17.07 | 1.79 | 18.86 | 76.91  | 2000 | PASS |
| Band7 | 10 | 20800 | 25 | #Max | QAM16 | 18.00 | 1.79 | 19.79 | 95.28  | 2000 | PASS |
| Band7 | 10 | 20800 | 50 | #0   | QAM16 | 17.84 | 1.79 | 19.63 | 91.83  | 2000 | PASS |
| Band7 | 10 | 21100 | 1  | #0   | QPSK  | 18.59 | 1.79 | 20.38 | 109.14 | 2000 | PASS |
| Band7 | 10 | 21100 | 1  | #Mid | QPSK  | 17.69 | 1.79 | 19.48 | 88.72  | 2000 | PASS |
| Band7 | 10 | 21100 | 1  | #Max | QPSK  | 18.86 | 1.79 | 20.65 | 116.14 | 2000 | PASS |
| Band7 | 10 | 21100 | 25 | #0   | QPSK  | 17.42 | 1.79 | 19.21 | 83.37  | 2000 | PASS |
| Band7 | 10 | 21100 | 25 | #Max | QPSK  | 17.74 | 1.79 | 19.53 | 89.74  | 2000 | PASS |
| Band7 | 10 | 21100 | 50 | #0   | QPSK  | 17.77 | 1.79 | 19.56 | 90.36  | 2000 | PASS |
| Band7 | 10 | 21100 | 1  | #0   | QAM16 | 18.13 | 1.79 | 19.92 | 98.17  | 2000 | PASS |
| Band7 | 10 | 21100 | 1  | #Mid | QAM16 | 17.26 | 1.79 | 19.05 | 80.35  | 2000 | PASS |
| Band7 | 10 | 21100 | 1  | #Max | QAM16 | 18.89 | 1.79 | 20.68 | 116.95 | 2000 | PASS |
| Band7 | 10 | 21100 | 25 | #0   | QAM16 | 17.18 | 1.79 | 18.97 | 78.89  | 2000 | PASS |
| Band7 | 10 | 21100 | 25 | #Max | QAM16 | 17.38 | 1.79 | 19.17 | 82.60  | 2000 | PASS |
| Band7 | 10 | 21100 | 50 | #0   | QAM16 | 17.40 | 1.79 | 19.19 | 82.99  | 2000 | PASS |
| Band7 | 10 | 21400 | 1  | #0   | QPSK  | 19.90 | 1.79 | 21.69 | 147.57 | 2000 | PASS |
| Band7 | 10 | 21400 | 1  | #Mid | QPSK  | 18.49 | 1.79 | 20.28 | 106.66 | 2000 | PASS |
| Band7 | 10 | 21400 | 1  | #Max | QPSK  | 19.23 | 1.79 | 21.02 | 126.47 | 2000 | PASS |
| Band7 | 10 | 21400 | 25 | #0   | QPSK  | 18.30 | 1.79 | 20.09 | 102.09 | 2000 | PASS |
| Band7 | 10 | 21400 | 25 | #Max | QPSK  | 18.27 | 1.79 | 20.06 | 101.39 | 2000 | PASS |
| Band7 | 10 | 21400 | 50 | #0   | QPSK  | 18.63 | 1.79 | 20.42 | 110.15 | 2000 | PASS |
| Band7 | 10 | 21400 | 1  | #0   | QAM16 | 19.38 | 1.79 | 21.17 | 130.92 | 2000 | PASS |
| Band7 | 10 | 21400 | 1  | #Mid | QAM16 | 17.96 | 1.79 | 19.75 | 94.41  | 2000 | PASS |
| Band7 | 10 | 21400 | 1  | #Max | QAM16 | 18.74 | 1.79 | 20.53 | 112.98 | 2000 | PASS |
| Band7 | 10 | 21400 | 25 | #0   | QAM16 | 17.84 | 1.79 | 19.63 | 91.83  | 2000 | PASS |
| Band7 | 10 | 21400 | 25 | #Max | QAM16 | 17.82 | 1.79 | 19.61 | 91.41  | 2000 | PASS |
| Band7 | 10 | 21400 | 50 | #0   | QAM16 | 18.16 | 1.79 | 19.95 | 98.86  | 2000 | PASS |
| Band7 | 15 | 20825 | 1  | #0   | QPSK  | 18.06 | 1.79 | 19.85 | 96.61  | 2000 | PASS |
| Band7 | 15 | 20825 | 1  | #Mid | QPSK  | 18.43 | 1.79 | 20.22 | 105.20 | 2000 | PASS |
| Band7 | 15 | 20825 | 1  | #Max | QPSK  | 20.39 | 1.79 | 22.18 | 165.20 | 2000 | PASS |
| Band7 | 15 | 20825 | 36 | #0   | QPSK  | 17.84 | 1.79 | 19.63 | 91.83  | 2000 | PASS |
| Band7 | 15 | 20825 | 36 | #Max | QPSK  | 18.80 | 1.79 | 20.59 | 114.55 | 2000 | PASS |
| Band7 | 15 | 20825 | 75 | #0   | QPSK  | 18.60 | 1.79 | 20.39 | 109.40 | 2000 | PASS |
| Band7 | 15 | 20825 | 1  | #0   | QAM16 | 17.90 | 1.79 | 19.69 | 93.11  | 2000 | PASS |
| Band7 | 15 | 20825 | 1  | #Mid | QAM16 | 18.20 | 1.79 | 19.99 | 99.77  | 2000 | PASS |
| Band7 | 15 | 20825 | 1  | #Max | QAM16 | 20.15 | 1.79 | 21.94 | 156.31 | 2000 | PASS |
| Band7 | 15 | 20825 | 36 | #0   | QAM16 | 17.34 | 1.79 | 19.13 | 81.85  | 2000 | PASS |
| Band7 | 15 | 20825 | 36 | #Max | QAM16 | 18.35 | 1.79 | 20.14 | 103.28 | 2000 | PASS |

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|       |    |       |     |      |       |       |      |       |        |      |      |
|-------|----|-------|-----|------|-------|-------|------|-------|--------|------|------|
| Band7 | 15 | 20825 | 75  | #0   | QAM16 | 18.17 | 1.79 | 19.96 | 99.08  | 2000 | PASS |
| Band7 | 15 | 21100 | 1   | #0   | QPSK  | 18.57 | 1.79 | 20.36 | 108.64 | 2000 | PASS |
| Band7 | 15 | 21100 | 1   | #Mid | QPSK  | 17.42 | 1.79 | 19.21 | 83.37  | 2000 | PASS |
| Band7 | 15 | 21100 | 1   | #Max | QPSK  | 19.07 | 1.79 | 20.86 | 121.90 | 2000 | PASS |
| Band7 | 15 | 21100 | 36  | #0   | QPSK  | 17.33 | 1.79 | 19.12 | 81.66  | 2000 | PASS |
| Band7 | 15 | 21100 | 36  | #Max | QPSK  | 17.78 | 1.79 | 19.57 | 90.57  | 2000 | PASS |
| Band7 | 15 | 21100 | 75  | #0   | QPSK  | 17.74 | 1.79 | 19.53 | 89.74  | 2000 | PASS |
| Band7 | 15 | 21100 | 1   | #0   | QAM16 | 18.26 | 1.79 | 20.05 | 101.16 | 2000 | PASS |
| Band7 | 15 | 21100 | 1   | #Mid | QAM16 | 17.32 | 1.79 | 19.11 | 81.47  | 2000 | PASS |
| Band7 | 15 | 21100 | 1   | #Max | QAM16 | 19.25 | 1.79 | 21.04 | 127.06 | 2000 | PASS |
| Band7 | 15 | 21100 | 36  | #0   | QAM16 | 17.29 | 1.79 | 19.08 | 80.91  | 2000 | PASS |
| Band7 | 15 | 21100 | 36  | #Max | QAM16 | 17.44 | 1.79 | 19.23 | 83.75  | 2000 | PASS |
| Band7 | 15 | 21100 | 75  | #0   | QAM16 | 17.34 | 1.79 | 19.13 | 81.85  | 2000 | PASS |
| Band7 | 15 | 21375 | 1   | #0   | QPSK  | 20.25 | 1.79 | 22.04 | 159.96 | 2000 | PASS |
| Band7 | 15 | 21375 | 1   | #Mid | QPSK  | 18.15 | 1.79 | 19.94 | 98.63  | 2000 | PASS |
| Band7 | 15 | 21375 | 1   | #Max | QPSK  | 19.13 | 1.79 | 20.92 | 123.59 | 2000 | PASS |
| Band7 | 15 | 21375 | 36  | #0   | QPSK  | 18.57 | 1.79 | 20.36 | 108.64 | 2000 | PASS |
| Band7 | 15 | 21375 | 36  | #Max | QPSK  | 18.37 | 1.79 | 20.16 | 103.75 | 2000 | PASS |
| Band7 | 15 | 21375 | 75  | #0   | QPSK  | 18.40 | 1.79 | 20.19 | 104.47 | 2000 | PASS |
| Band7 | 15 | 21375 | 1   | #0   | QAM16 | 20.01 | 1.79 | 21.80 | 151.36 | 2000 | PASS |
| Band7 | 15 | 21375 | 1   | #Mid | QAM16 | 18.05 | 1.79 | 19.84 | 96.38  | 2000 | PASS |
| Band7 | 15 | 21375 | 1   | #Max | QAM16 | 18.88 | 1.79 | 20.67 | 116.68 | 2000 | PASS |
| Band7 | 15 | 21375 | 36  | #0   | QAM16 | 18.04 | 1.79 | 19.83 | 96.16  | 2000 | PASS |
| Band7 | 15 | 21375 | 36  | #Max | QAM16 | 17.97 | 1.79 | 19.76 | 94.62  | 2000 | PASS |
| Band7 | 15 | 21375 | 75  | #0   | QAM16 | 18.05 | 1.79 | 19.84 | 96.38  | 2000 | PASS |
| Band7 | 20 | 20850 | 1   | #0   | QPSK  | 18.07 | 1.79 | 19.86 | 96.83  | 2000 | PASS |
| Band7 | 20 | 20850 | 1   | #Mid | QPSK  | 19.65 | 1.79 | 21.44 | 139.32 | 2000 | PASS |
| Band7 | 20 | 20850 | 1   | #Max | QPSK  | 19.87 | 1.79 | 21.66 | 146.55 | 2000 | PASS |
| Band7 | 20 | 20850 | 50  | #0   | QPSK  | 18.48 | 1.79 | 20.27 | 106.41 | 2000 | PASS |
| Band7 | 20 | 20850 | 50  | #Max | QPSK  | 19.13 | 1.79 | 20.92 | 123.59 | 2000 | PASS |
| Band7 | 20 | 20850 | 100 | #0   | QPSK  | 19.08 | 1.79 | 20.87 | 122.18 | 2000 | PASS |
| Band7 | 20 | 20850 | 1   | #0   | QAM16 | 17.97 | 1.79 | 19.76 | 94.62  | 2000 | PASS |
| Band7 | 20 | 20850 | 1   | #Mid | QAM16 | 19.44 | 1.79 | 21.23 | 132.74 | 2000 | PASS |
| Band7 | 20 | 20850 | 1   | #Max | QAM16 | 19.71 | 1.79 | 21.50 | 141.25 | 2000 | PASS |
| Band7 | 20 | 20850 | 50  | #0   | QAM16 | 18.06 | 1.79 | 19.85 | 96.61  | 2000 | PASS |
| Band7 | 20 | 20850 | 50  | #Max | QAM16 | 18.57 | 1.79 | 20.36 | 108.64 | 2000 | PASS |
| Band7 | 20 | 20850 | 100 | #0   | QAM16 | 18.71 | 1.79 | 20.50 | 112.20 | 2000 | PASS |
| Band7 | 20 | 21100 | 1   | #0   | QPSK  | 18.32 | 1.79 | 20.11 | 102.57 | 2000 | PASS |
| Band7 | 20 | 21100 | 1   | #Mid | QPSK  | 17.41 | 1.79 | 19.20 | 83.18  | 2000 | PASS |
| Band7 | 20 | 21100 | 1   | #Max | QPSK  | 19.90 | 1.79 | 21.69 | 147.57 | 2000 | PASS |
| Band7 | 20 | 21100 | 50  | #0   | QPSK  | 17.31 | 1.79 | 19.10 | 81.28  | 2000 | PASS |
| Band7 | 20 | 21100 | 50  | #Max | QPSK  | 18.15 | 1.79 | 19.94 | 98.63  | 2000 | PASS |
| Band7 | 20 | 21100 | 100 | #0   | QPSK  | 18.01 | 1.79 | 19.80 | 95.50  | 2000 | PASS |
| Band7 | 20 | 21100 | 1   | #0   | QAM16 | 17.67 | 1.79 | 19.46 | 88.31  | 2000 | PASS |

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|-------|----|-------|-----|------|-------|-------|------|-------|--------|------|------|
| Band7 | 20 | 21100 | 1   | #Mid | QAM16 | 17.15 | 1.79 | 18.94 | 78.34  | 2000 | PASS |
| Band7 | 20 | 21100 | 1   | #Max | QAM16 | 19.31 | 1.79 | 21.10 | 128.82 | 2000 | PASS |
| Band7 | 20 | 21100 | 50  | #0   | QAM16 | 16.85 | 1.79 | 18.64 | 73.11  | 2000 | PASS |
| Band7 | 20 | 21100 | 50  | #Max | QAM16 | 17.63 | 1.79 | 19.42 | 87.50  | 2000 | PASS |
| Band7 | 20 | 21100 | 100 | #0   | QAM16 | 17.51 | 1.79 | 19.30 | 85.11  | 2000 | PASS |
| Band7 | 20 | 21350 | 1   | #0   | QPSK  | 20.86 | 1.79 | 22.65 | 184.08 | 2000 | PASS |
| Band7 | 20 | 21350 | 1   | #Mid | QPSK  | 18.75 | 1.79 | 20.54 | 113.24 | 2000 | PASS |
| Band7 | 20 | 21350 | 1   | #Max | QPSK  | 19.14 | 1.79 | 20.93 | 123.88 | 2000 | PASS |
| Band7 | 20 | 21350 | 50  | #0   | QPSK  | 19.20 | 1.79 | 20.99 | 125.60 | 2000 | PASS |
| Band7 | 20 | 21350 | 50  | #Max | QPSK  | 18.47 | 1.79 | 20.26 | 106.17 | 2000 | PASS |
| Band7 | 20 | 21350 | 100 | #0   | QPSK  | 18.74 | 1.79 | 20.53 | 112.98 | 2000 | PASS |
| Band7 | 20 | 21350 | 1   | #0   | QAM16 | 20.78 | 1.79 | 22.57 | 180.72 | 2000 | PASS |
| Band7 | 20 | 21350 | 1   | #Mid | QAM16 | 18.46 | 1.79 | 20.25 | 105.93 | 2000 | PASS |
| Band7 | 20 | 21350 | 1   | #Max | QAM16 | 18.88 | 1.79 | 20.67 | 116.68 | 2000 | PASS |
| Band7 | 20 | 21350 | 50  | #0   | QAM16 | 18.77 | 1.79 | 20.56 | 113.76 | 2000 | PASS |
| Band7 | 20 | 21350 | 50  | #Max | QAM16 | 18.09 | 1.79 | 19.88 | 97.27  | 2000 | PASS |
| Band7 | 20 | 21350 | 100 | #0   | QAM16 | 18.38 | 1.79 | 20.17 | 103.99 | 2000 | PASS |

## 2 Frequency stability

| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Voltage<br>(Vdc) | Temperature<br>(°C) | Result(Hz) | Result<br>(ppm) | Limit<br>(ppm) | Verdict |
|-------|--------------------|---------------|------------|----------------|------------|------------------|---------------------|------------|-----------------|----------------|---------|
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | VL               | NT                  | 21.75      | 0.009           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | VN               | NT                  | 19.79      | 0.008           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | VH               | NT                  | 19.39      | 0.008           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | NV               | 50                  | 21.77      | 0.009           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | NV               | 40                  | 25.56      | 0.010           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | NV               | 30                  | 29.22      | 0.012           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | NV               | 20                  | 29.68      | 0.012           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | NV               | 10                  | 29.49      | 0.012           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | NV               | 0                   | 32.97      | 0.013           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | NV               | -10                 | 30.79      | 0.012           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | NV               | -20                 | 30.84      | 0.012           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | NV               | -30                 | 27.17      | 0.011           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QAM16      | VL               | NT                  | 27.88      | 0.011           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QAM16      | VN               | NT                  | 32.17      | 0.013           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QAM16      | VH               | NT                  | 35.26      | 0.014           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QAM16      | NV               | 50                  | 33.98      | 0.014           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QAM16      | NV               | 40                  | 34.13      | 0.014           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QAM16      | NV               | 30                  | 36.26      | 0.014           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QAM16      | NV               | 20                  | 44.50      | 0.018           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QAM16      | NV               | 10                  | 44.64      | 0.018           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QAM16      | NV               | 0                   | 43.83      | 0.017           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QAM16      | NV               | -10                 | 47.00      | 0.019           | ±2.5           | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QAM16      | NV               | -20                 | 48.09      | 0.019           | ±2.5           | PASS    |

## Report

|       |    |       |     |    |       |    |     |        |        |      |      |
|-------|----|-------|-----|----|-------|----|-----|--------|--------|------|------|
| Band7 | 20 | 20850 | 100 | #0 | QAM16 | NV | -30 | 48.35  | 0.019  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QPSK  | VL | NT  | 44.88  | 0.018  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QPSK  | VN | NT  | 38.89  | 0.015  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QPSK  | VH | NT  | 42.47  | 0.017  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QPSK  | NV | 50  | 39.38  | 0.016  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QPSK  | NV | 40  | 41.55  | 0.016  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QPSK  | NV | 30  | 42.37  | 0.017  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QPSK  | NV | 20  | 44.27  | 0.017  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QPSK  | NV | 10  | 50.81  | 0.020  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QPSK  | NV | 0   | 51.22  | 0.020  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QPSK  | NV | -10 | 49.08  | 0.019  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QPSK  | NV | -20 | 51.29  | 0.020  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QPSK  | NV | -30 | 54.93  | 0.022  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QAM16 | VL | NT  | 38.43  | 0.015  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QAM16 | VN | NT  | -3.06  | -0.001 | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QAM16 | VH | NT  | 1.31   | 0.001  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QAM16 | NV | 50  | 0.72   | 0.000  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QAM16 | NV | 40  | 2.51   | 0.001  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QAM16 | NV | 30  | 6.13   | 0.002  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QAM16 | NV | 20  | 7.81   | 0.003  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QAM16 | NV | 10  | 8.76   | 0.003  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QAM16 | NV | 0   | 11.01  | 0.004  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QAM16 | NV | -10 | 8.89   | 0.004  | ±2.5 | PASS |
| Band7 | 20 | 21100 | 100 | #0 | QAM16 | NV | -20 | 0.00   | 0.000  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QPSK  | VL | NT  | -50.65 | -0.020 | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QPSK  | VN | NT  | -48.06 | -0.019 | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QPSK  | VH | NT  | 7.33   | 0.003  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QPSK  | NV | 50  | 9.38   | 0.004  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QPSK  | NV | 40  | 9.64   | 0.004  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QPSK  | NV | 30  | 14.43  | 0.006  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QPSK  | NV | 20  | 12.51  | 0.005  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QPSK  | NV | 10  | 16.80  | 0.007  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QPSK  | NV | 0   | 20.05  | 0.008  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QPSK  | NV | -10 | 20.45  | 0.008  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QPSK  | NV | -20 | 24.16  | 0.009  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QPSK  | NV | -30 | 22.55  | 0.009  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QAM16 | VL | NT  | 29.46  | 0.012  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QAM16 | VN | NT  | 30.79  | 0.012  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QAM16 | VH | NT  | 34.07  | 0.013  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QAM16 | NV | 50  | 33.57  | 0.013  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QAM16 | NV | 40  | 37.13  | 0.015  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QAM16 | NV | 30  | 39.13  | 0.015  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QAM16 | NV | 20  | 38.90  | 0.015  | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QAM16 | NV | 10  | 42.51  | 0.017  | ±2.5 | PASS |

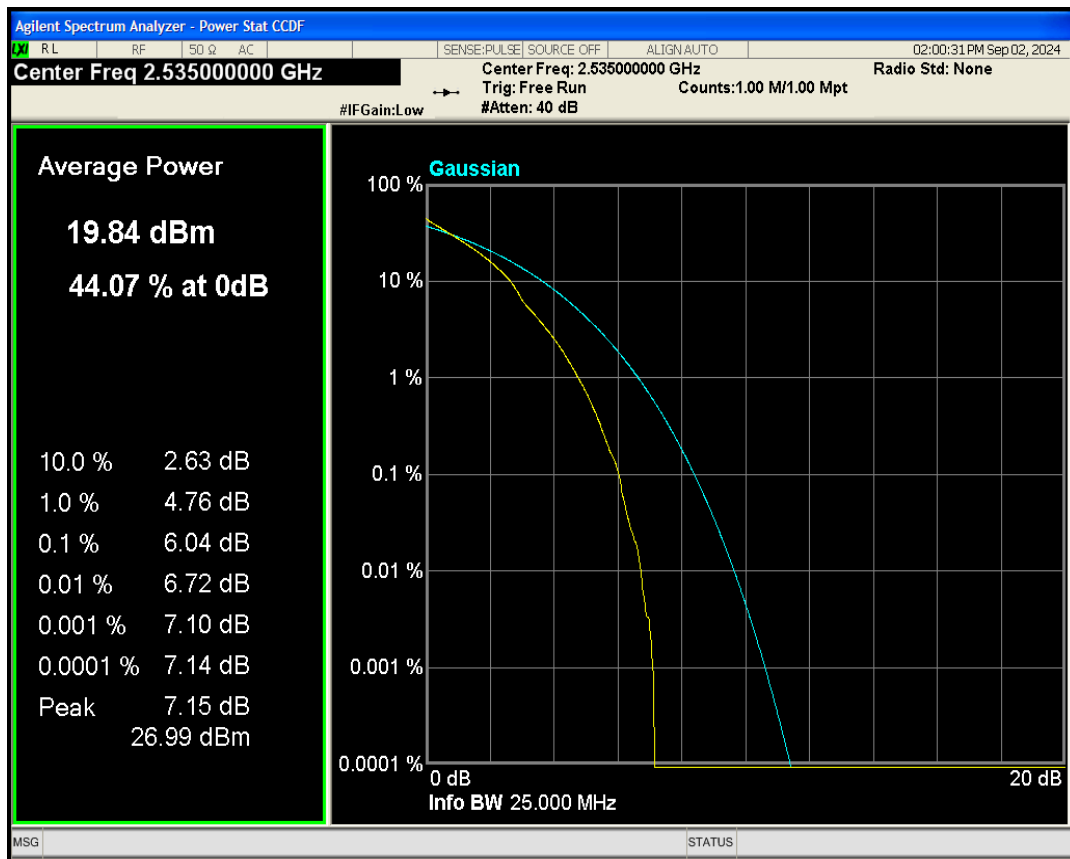
# Report

|       |    |       |     |    |       |    |     |       |       |      |      |
|-------|----|-------|-----|----|-------|----|-----|-------|-------|------|------|
| Band7 | 20 | 21350 | 100 | #0 | QAM16 | NV | 0   | 40.29 | 0.016 | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QAM16 | NV | -10 | 46.73 | 0.018 | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QAM16 | NV | -20 | 47.06 | 0.018 | ±2.5 | PASS |
| Band7 | 20 | 21350 | 100 | #0 | QAM16 | NV | -30 | 47.49 | 0.019 | ±2.5 | PASS |

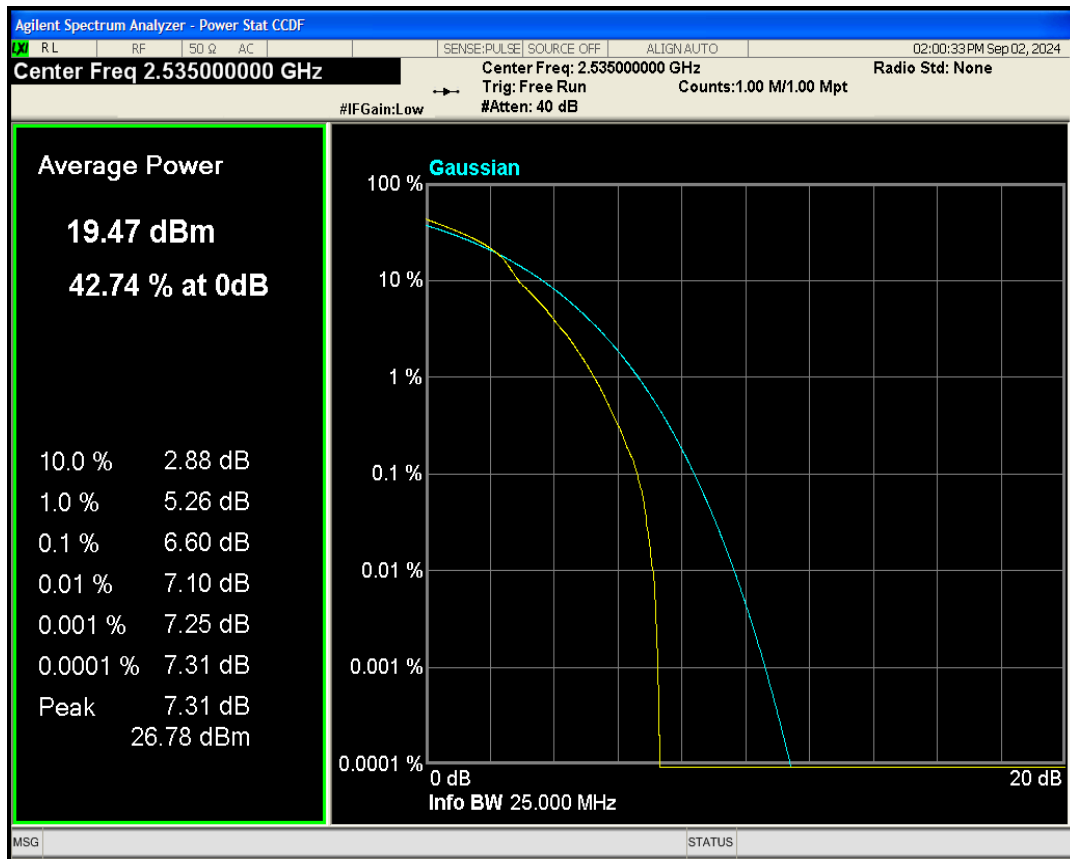
## 3 Peak-to-Average Ratio

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Result (dB) | high Limit (dB) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-------------|-----------------|---------|
| Band7 | 5               | 21100      | 1       | #0          | QPSK       | 6.04        | 13              | PASS    |
| Band7 | 5               | 21100      | 1       | #0          | QAM16      | 6.60        | 13              | PASS    |
| Band7 | 10              | 21100      | 1       | #0          | QPSK       | 5.80        | 13              | PASS    |
| Band7 | 10              | 21100      | 1       | #0          | QAM16      | 6.81        | 13              | PASS    |
| Band7 | 15              | 21100      | 1       | #0          | QPSK       | 5.96        | 13              | PASS    |
| Band7 | 15              | 21100      | 1       | #0          | QAM16      | 6.49        | 13              | PASS    |
| Band7 | 20              | 21100      | 1       | #0          | QPSK       | 6.04        | 13              | PASS    |
| Band7 | 20              | 21100      | 1       | #0          | QAM16      | 6.58        | 13              | PASS    |

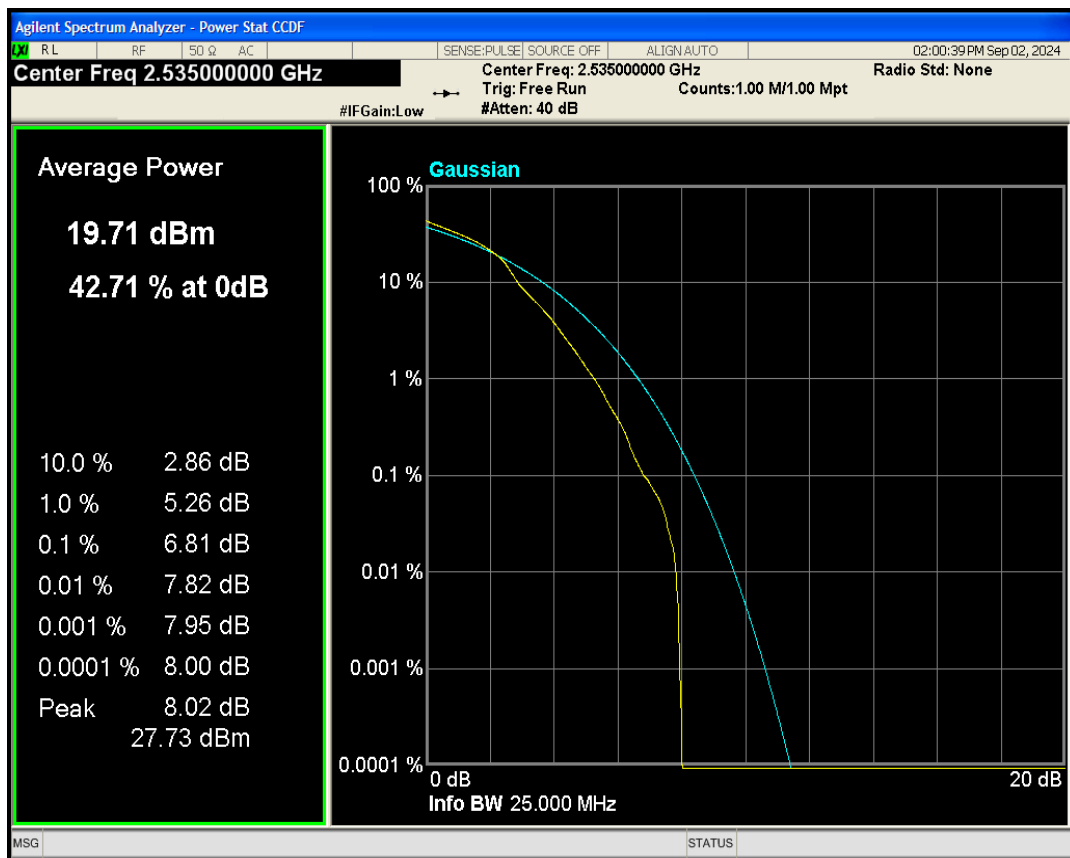
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



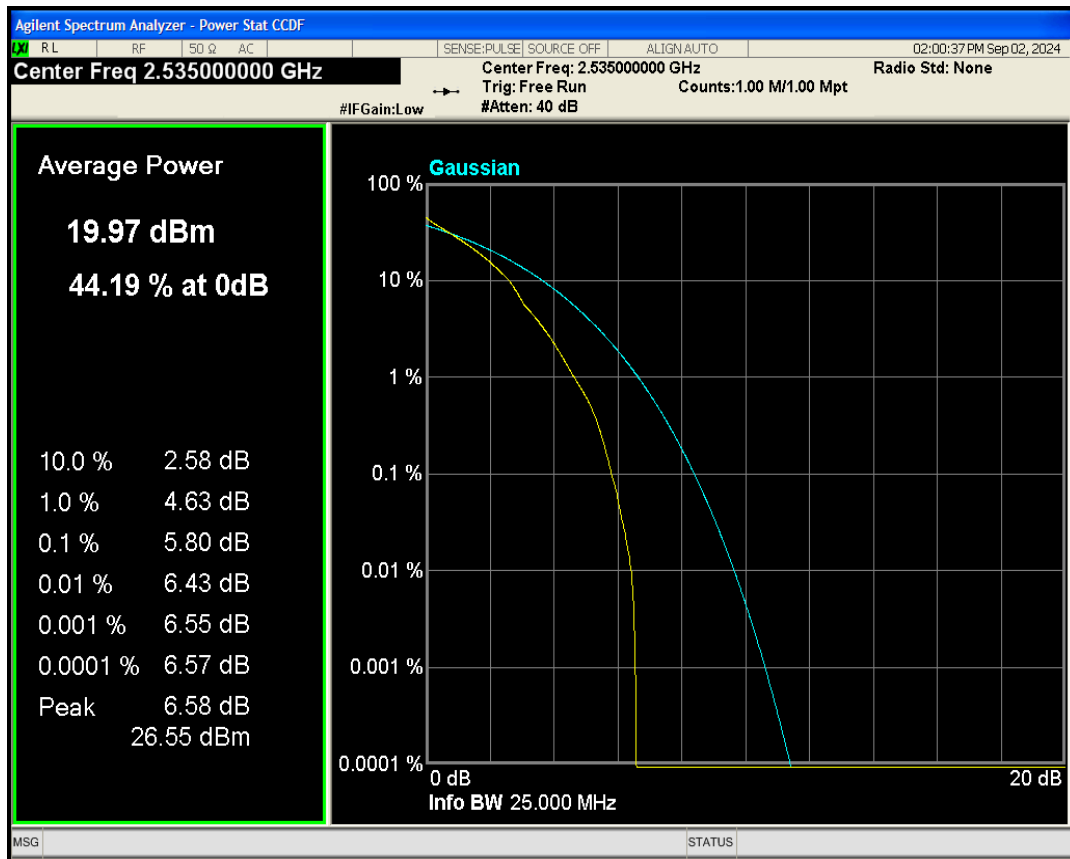
Band7 QAM16 BW=5MHz Channel=21100 RB Size=1 Position=#0



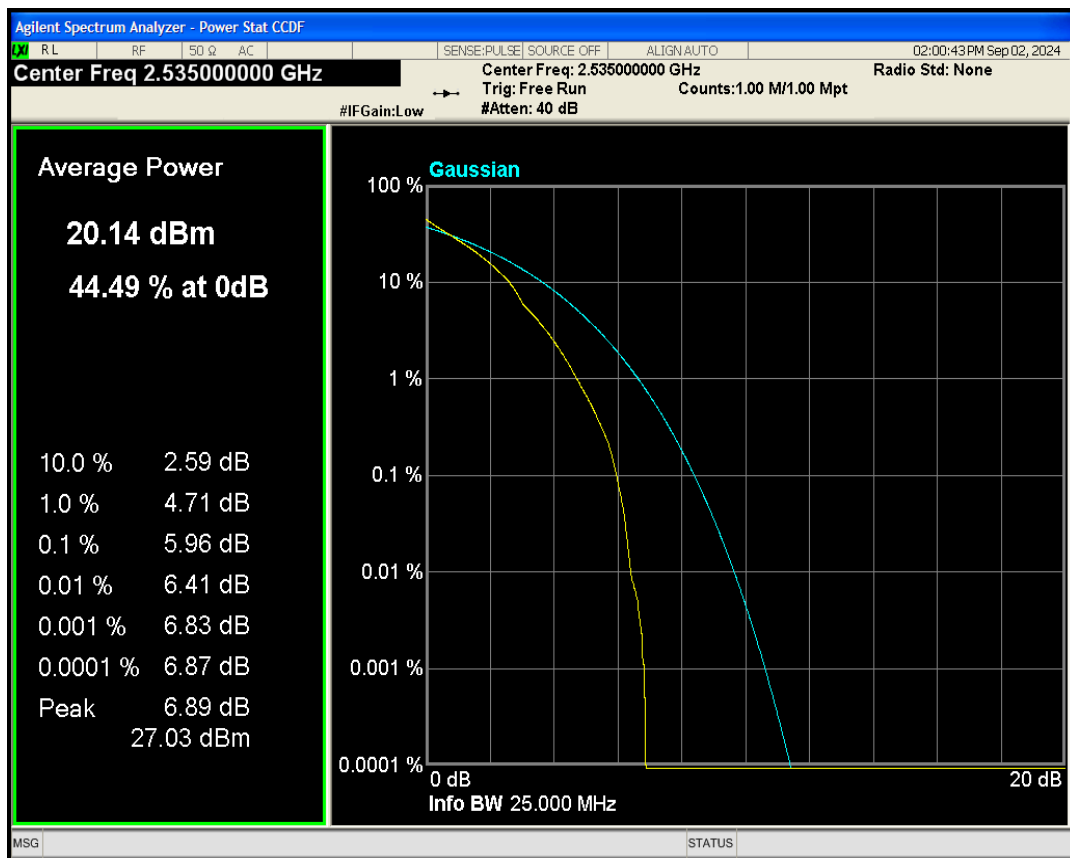
Band7 QAM16 BW=10MHz Channel=21100 RB Size=1 Position=#0



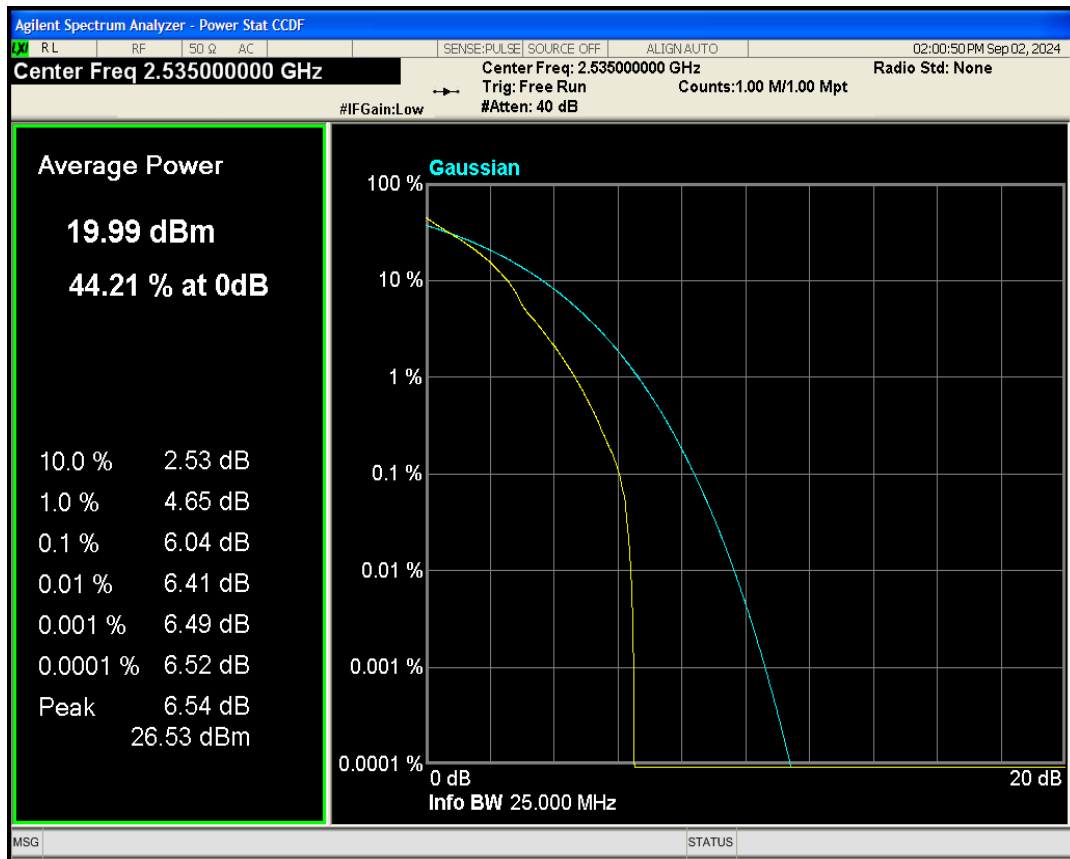
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



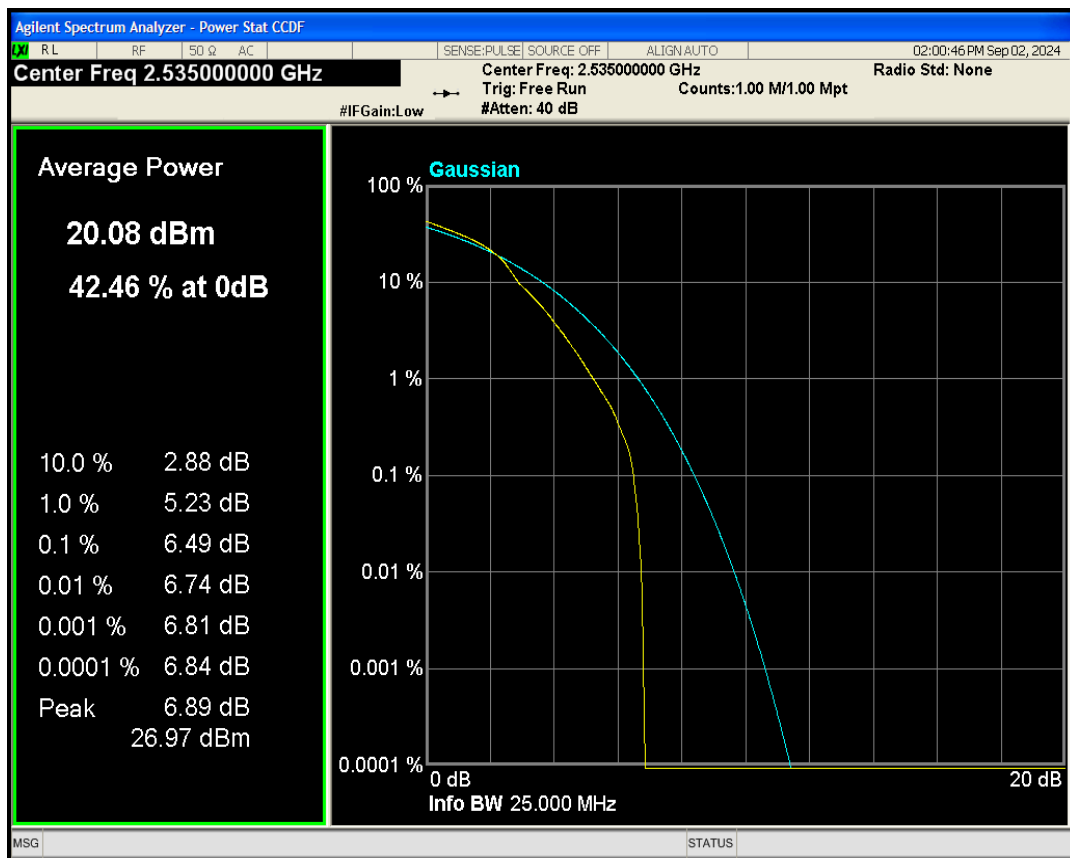
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



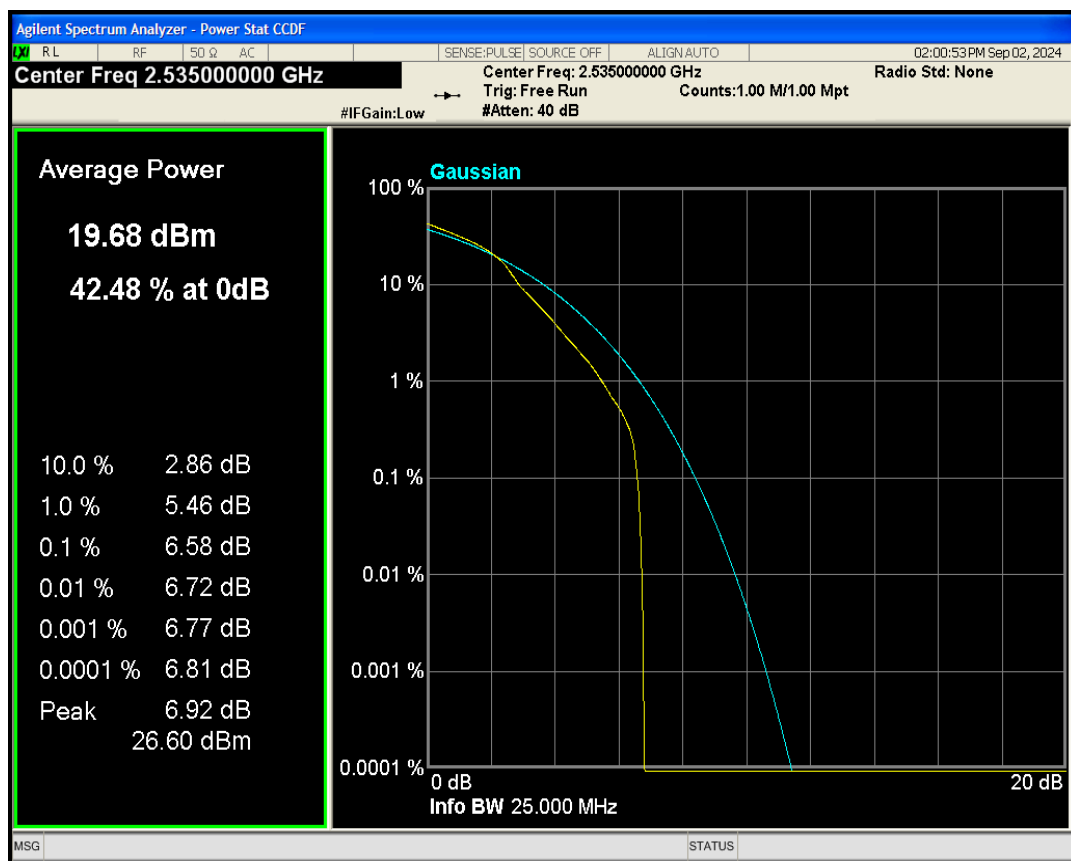
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



Band7 QAM16 BW=15MHz Channel=21100 RB Size=1 Position=#0



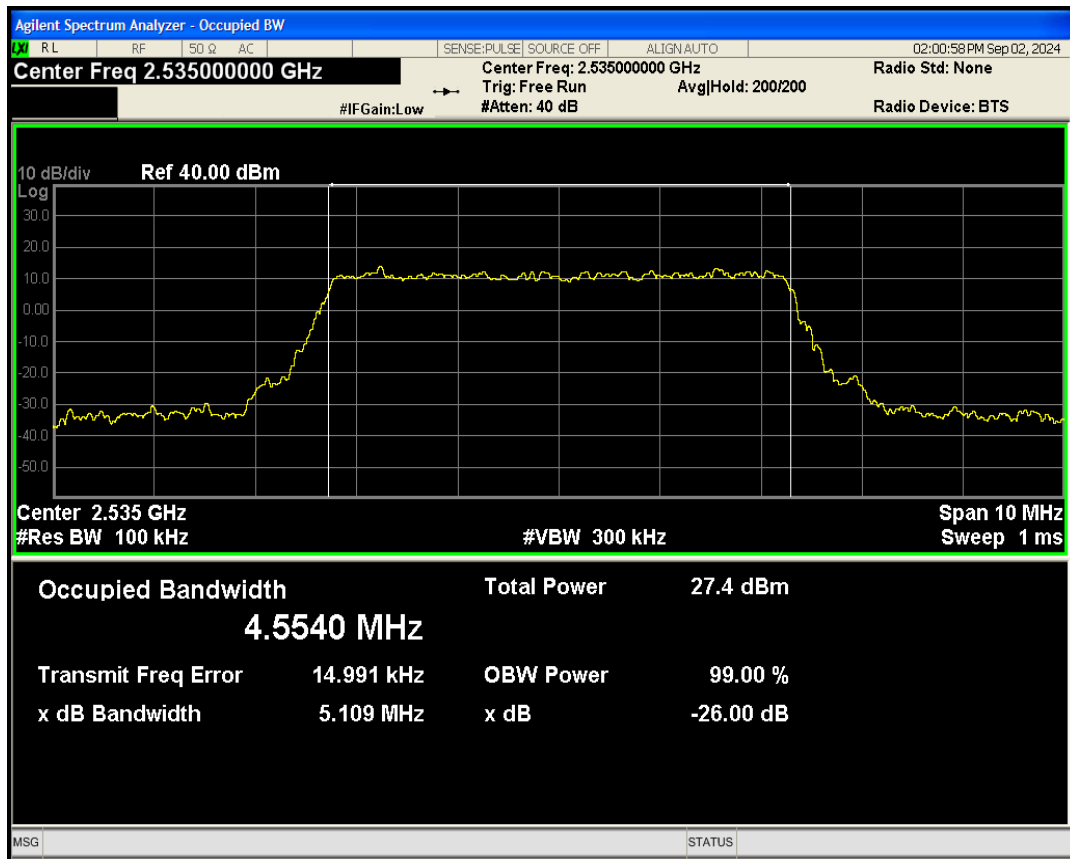
Band7 QAM16 BW=20MHz Channel=21100 RB Size=1 Position=#0



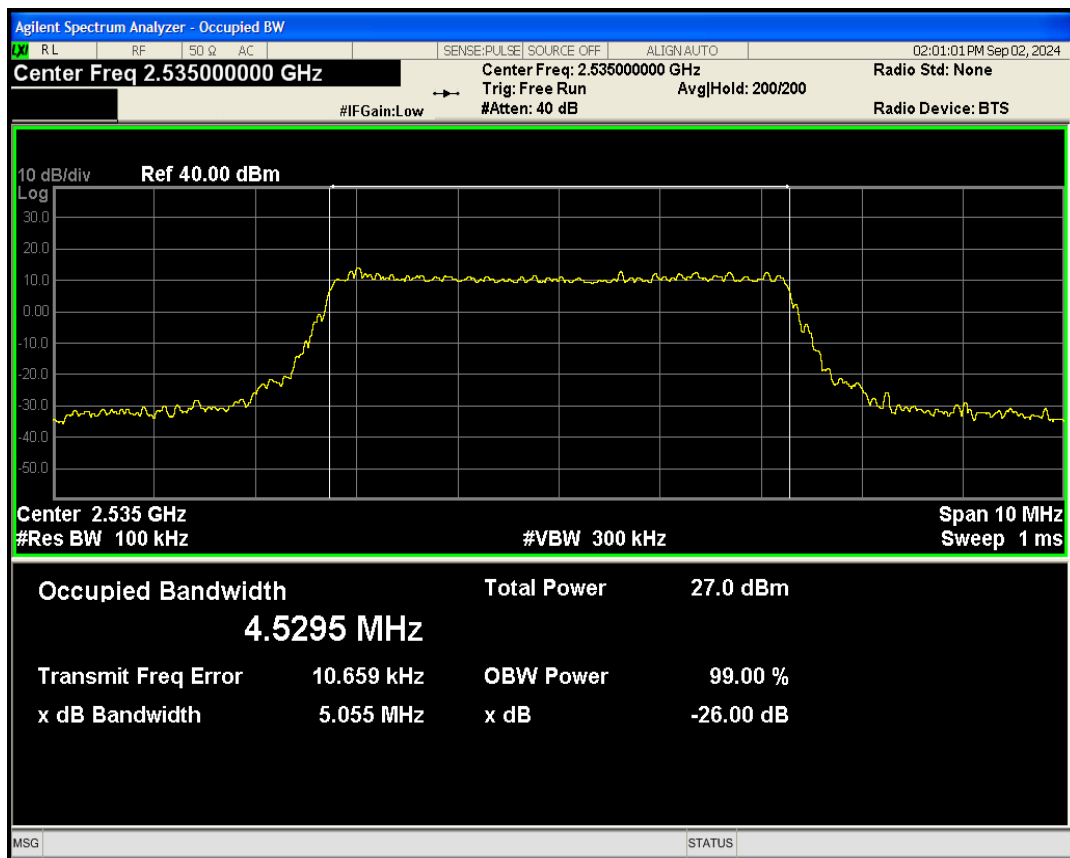
#### 4 Occupied bandwidth

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|---------------|-----------------|---------|
| Band7 | 5               | 21100      | 25      | #0          | QPSK       | 4.554         | 5.109           | PASS    |
| Band7 | 5               | 21100      | 25      | #0          | QAM16      | 4.530         | 5.055           | PASS    |
| Band7 | 10              | 21100      | 50      | #0          | QPSK       | 9.045         | 10.281          | PASS    |
| Band7 | 10              | 21100      | 50      | #0          | QAM16      | 9.058         | 10.529          | PASS    |
| Band7 | 15              | 21100      | 75      | #0          | QPSK       | 13.583        | 15.726          | PASS    |
| Band7 | 15              | 21100      | 75      | #0          | QAM16      | 13.557        | 15.495          | PASS    |
| Band7 | 20              | 21100      | 100     | #0          | QPSK       | 18.055        | 19.676          | PASS    |
| Band7 | 20              | 21100      | 100     | #0          | QAM16      | 18.036        | 19.747          | PASS    |

Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0

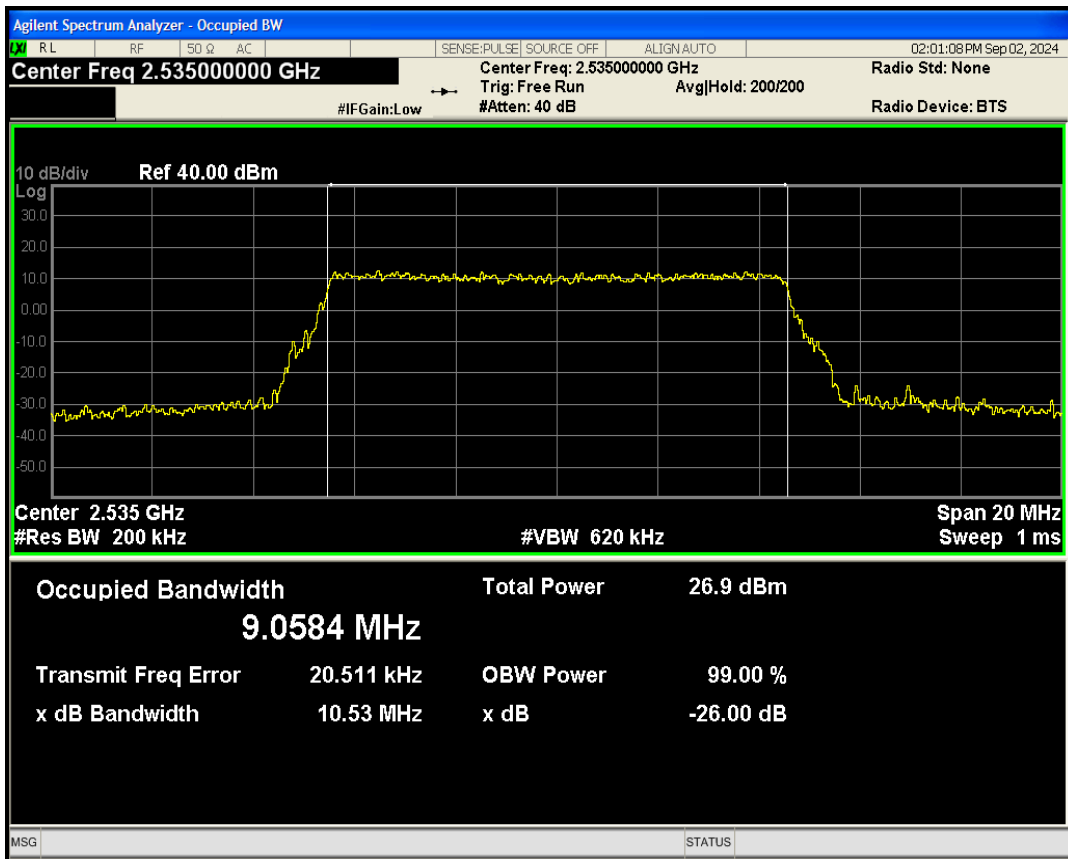


Band7 QAM16 BW=5MHz Channel=21100 RB Size=25 Position=#0

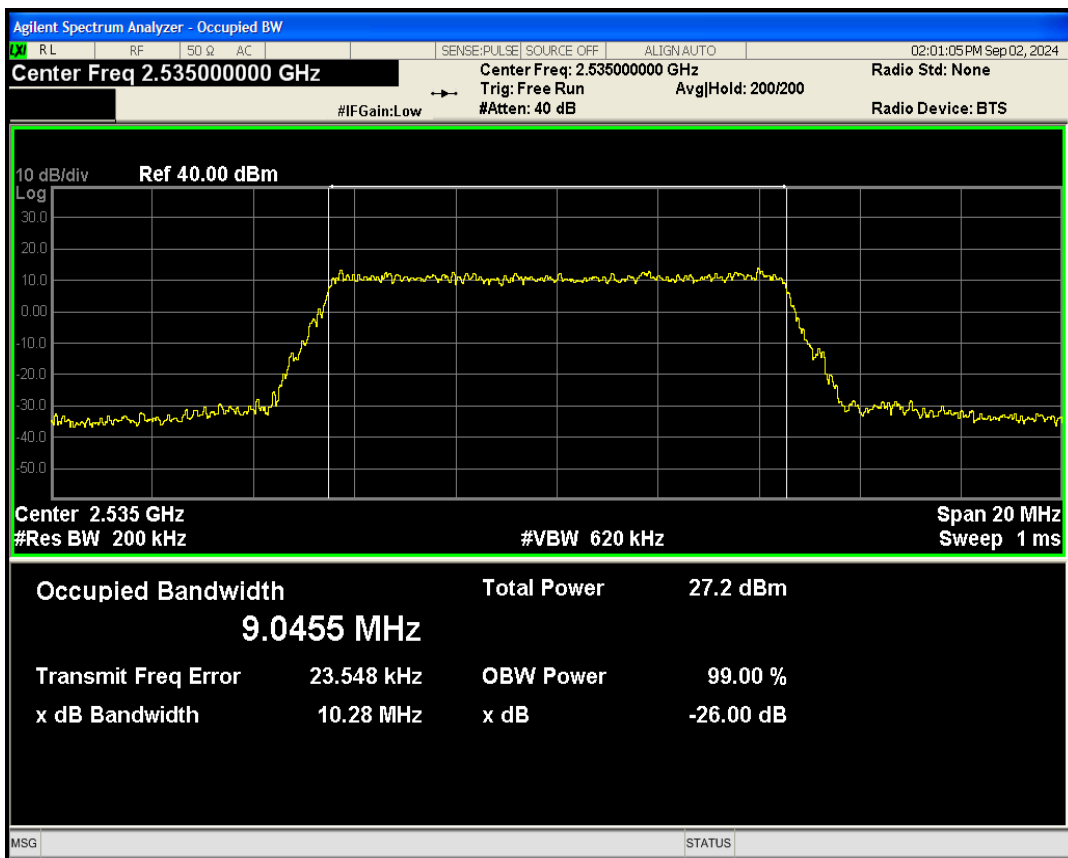


Band7 QAM16 BW=10MHz Channel=21100 RB Size=50 Position=#0

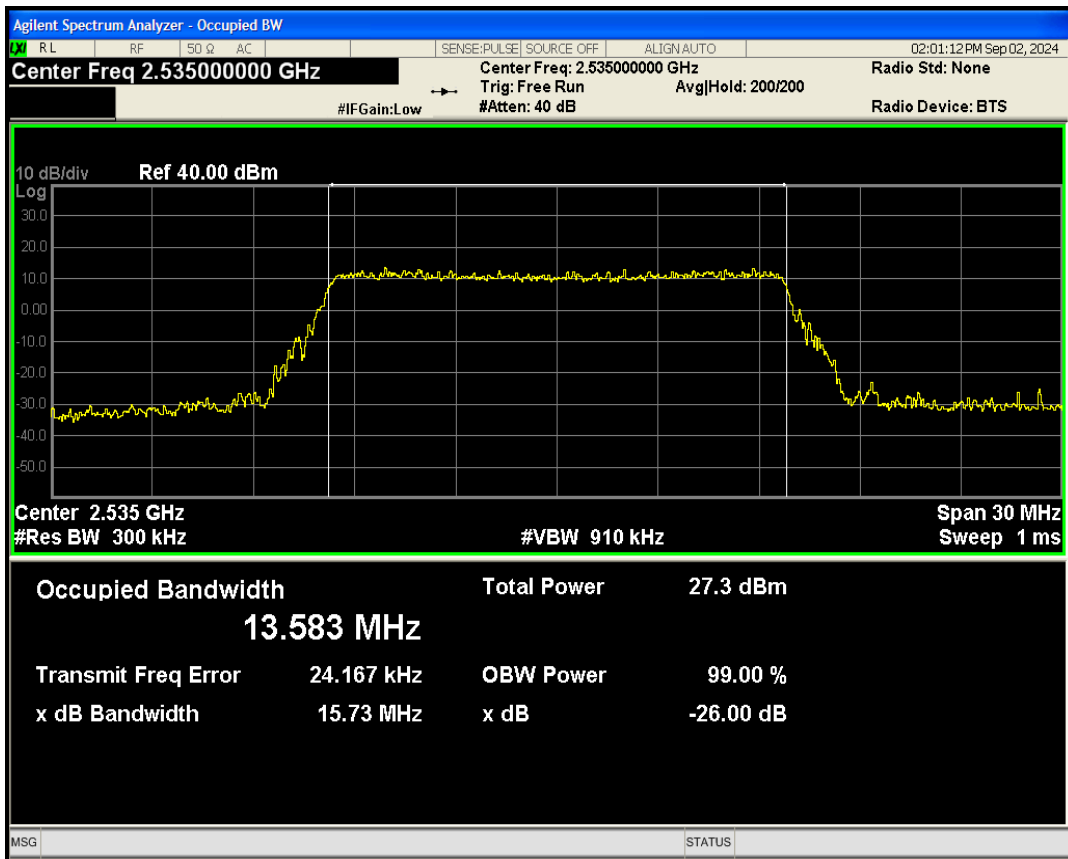
# Report



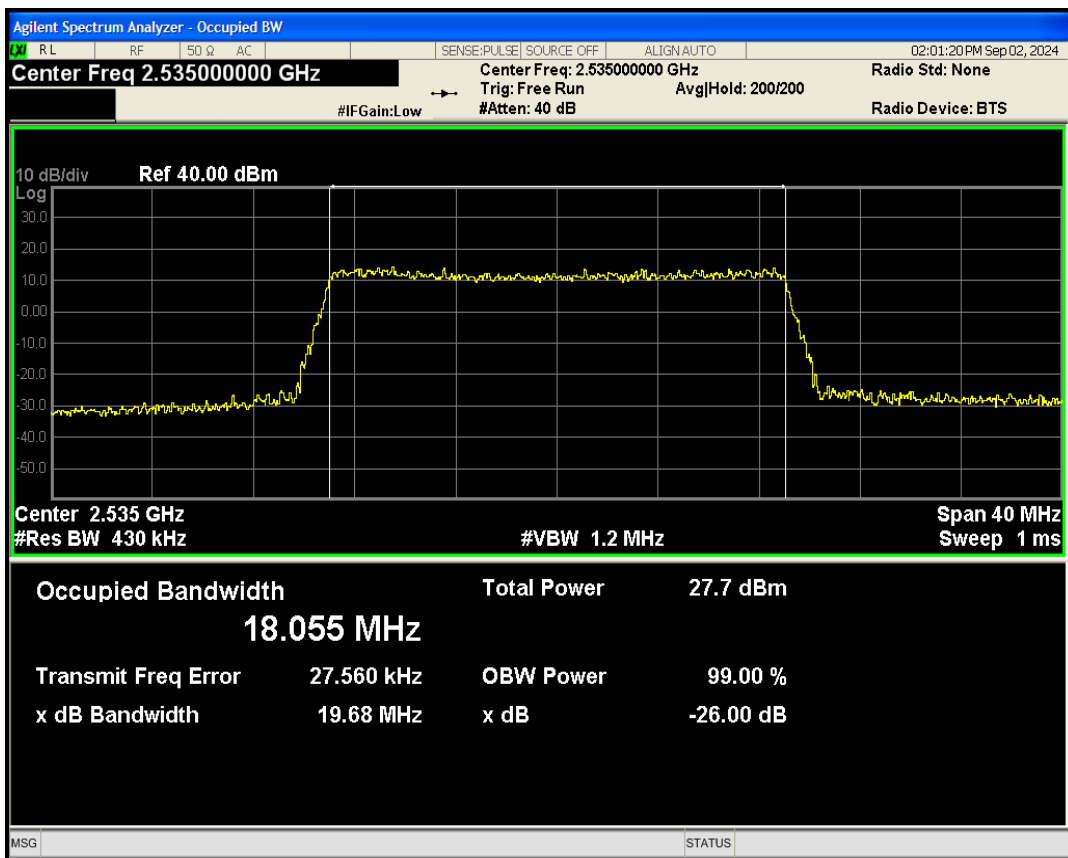
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



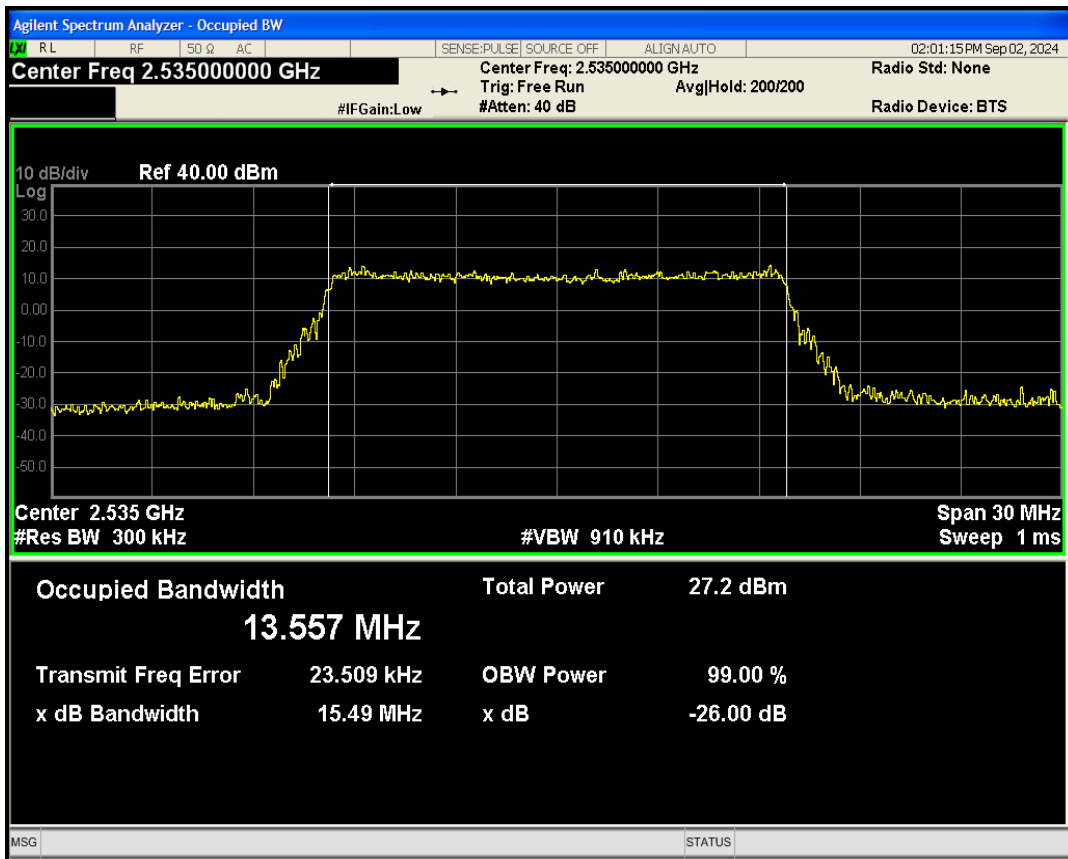
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



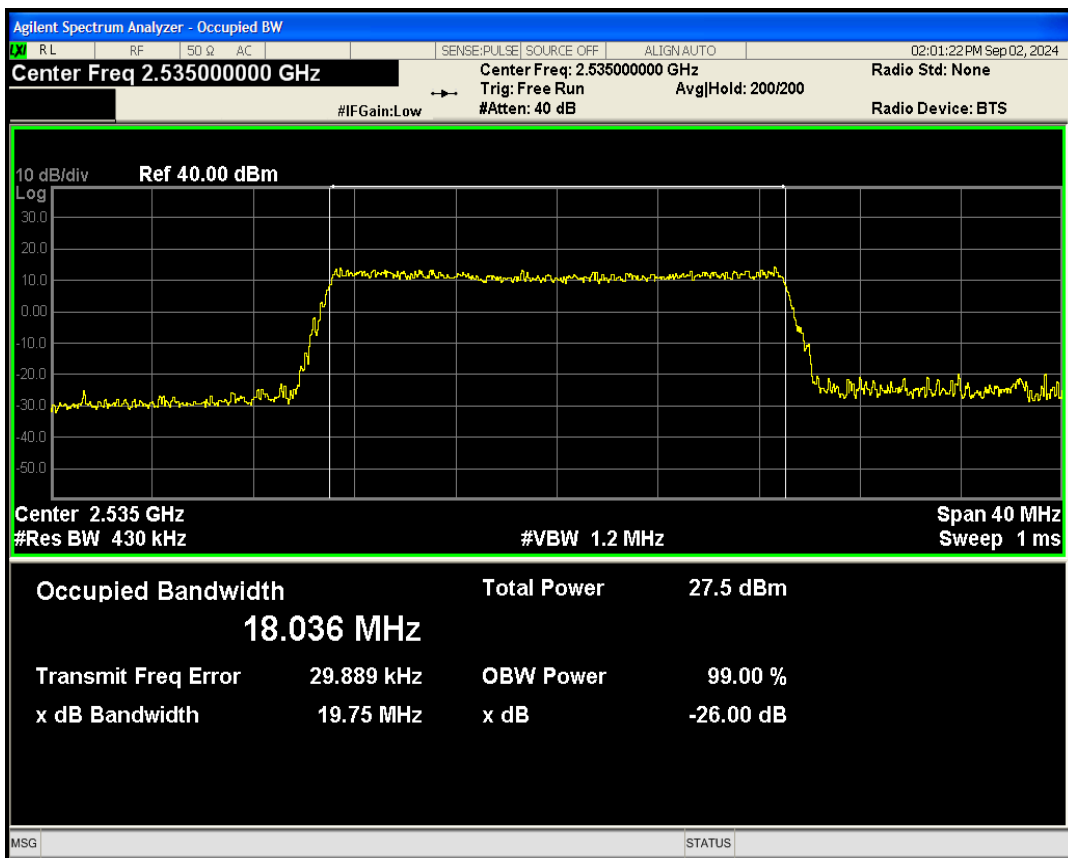
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



Band7 QAM16 BW=15MHz Channel=21100 RB Size=75 Position=#0



Band7 QAM16 BW=20MHz Channel=21100 RB Size=100 Position=#0

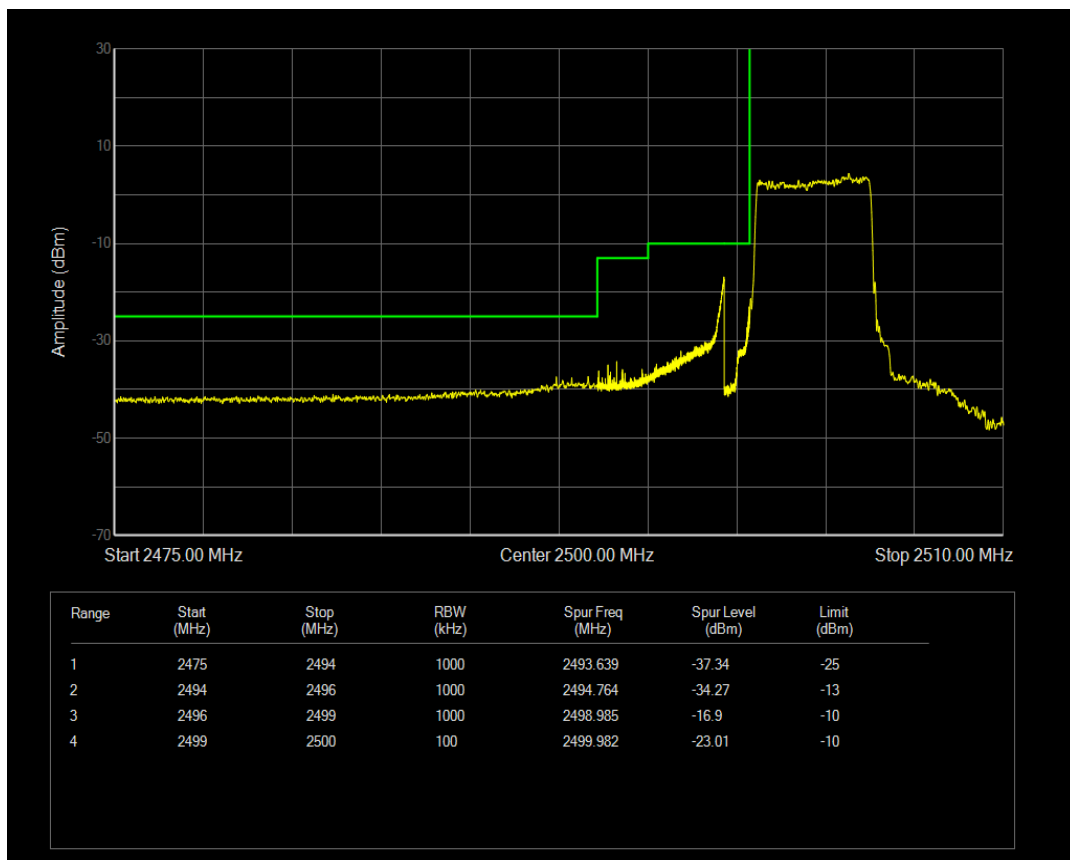


5 Band edge

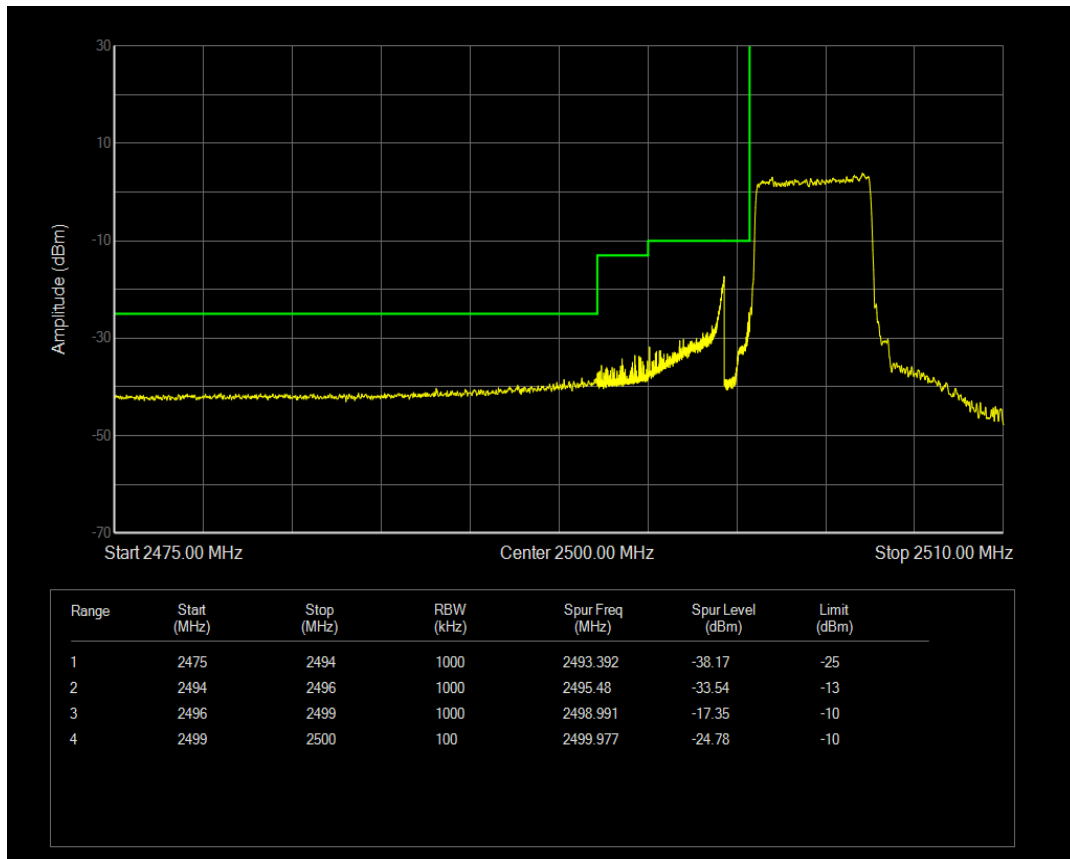
# Report

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-----------------|------------------|-------------|---------|
| Band7 | 5               | 20775      | 25      | #0          | QPSK       | 2498.99         | -16.90           | -10         | PASS    |
| Band7 | 5               | 20775      | 25      | #0          | QAM16      | 2498.99         | -17.35           | -10         | PASS    |
| Band7 | 5               | 21425      | 25      | #0          | QPSK       | 2571.02         | -16.11           | -10         | PASS    |
| Band7 | 5               | 21425      | 25      | #0          | QAM16      | 2571.00         | -17.04           | -10         | PASS    |
| Band7 | 10              | 20800      | 50      | #0          | QPSK       | 2489.61         | -38.48           | -25         | PASS    |
| Band7 | 10              | 20800      | 50      | #0          | QAM16      | 2489.66         | -38.15           | -25         | PASS    |
| Band7 | 10              | 21400      | 50      | #0          | QPSK       | 2583.90         | -37.42           | -25         | PASS    |
| Band7 | 10              | 21400      | 50      | #0          | QAM16      | 2580.86         | -34.76           | -25         | PASS    |
| Band7 | 15              | 20825      | 75      | #0          | QPSK       | 2484.41         | -39.71           | -25         | PASS    |
| Band7 | 15              | 20825      | 75      | #0          | QAM16      | 2499.96         | -22.76           | -10         | PASS    |
| Band7 | 15              | 21375      | 75      | #0          | QPSK       | 2588.02         | -38.99           | -25         | PASS    |
| Band7 | 15              | 21375      | 75      | #0          | QAM16      | 2585.18         | -38.67           | -25         | PASS    |
| Band7 | 20              | 20850      | 100     | #0          | QPSK       | 2476.98         | -40.98           | -25         | PASS    |
| Band7 | 20              | 20850      | 100     | #0          | QAM16      | 2479.86         | -40.83           | -25         | PASS    |
| Band7 | 20              | 21350      | 100     | #0          | QPSK       | 2591.60         | -40.64           | -25         | PASS    |
| Band7 | 20              | 21350      | 100     | #0          | QAM16      | 2590.04         | -40.36           | -25         | PASS    |

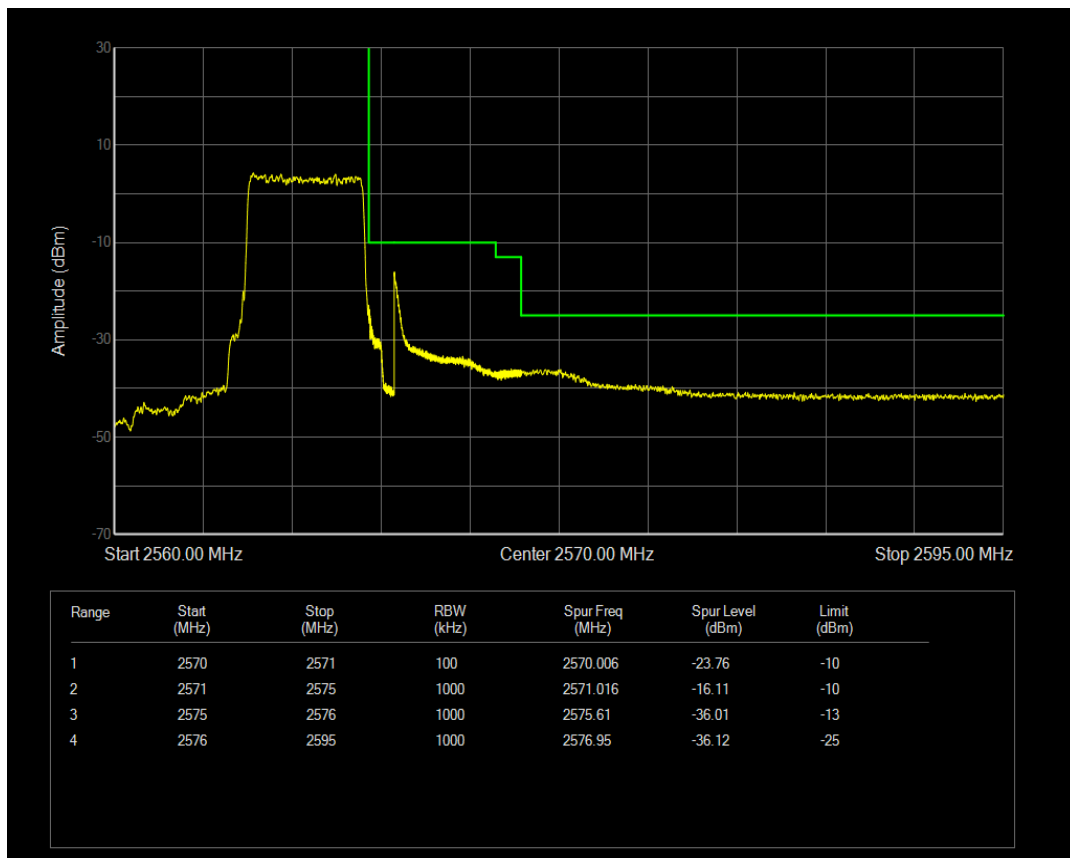
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



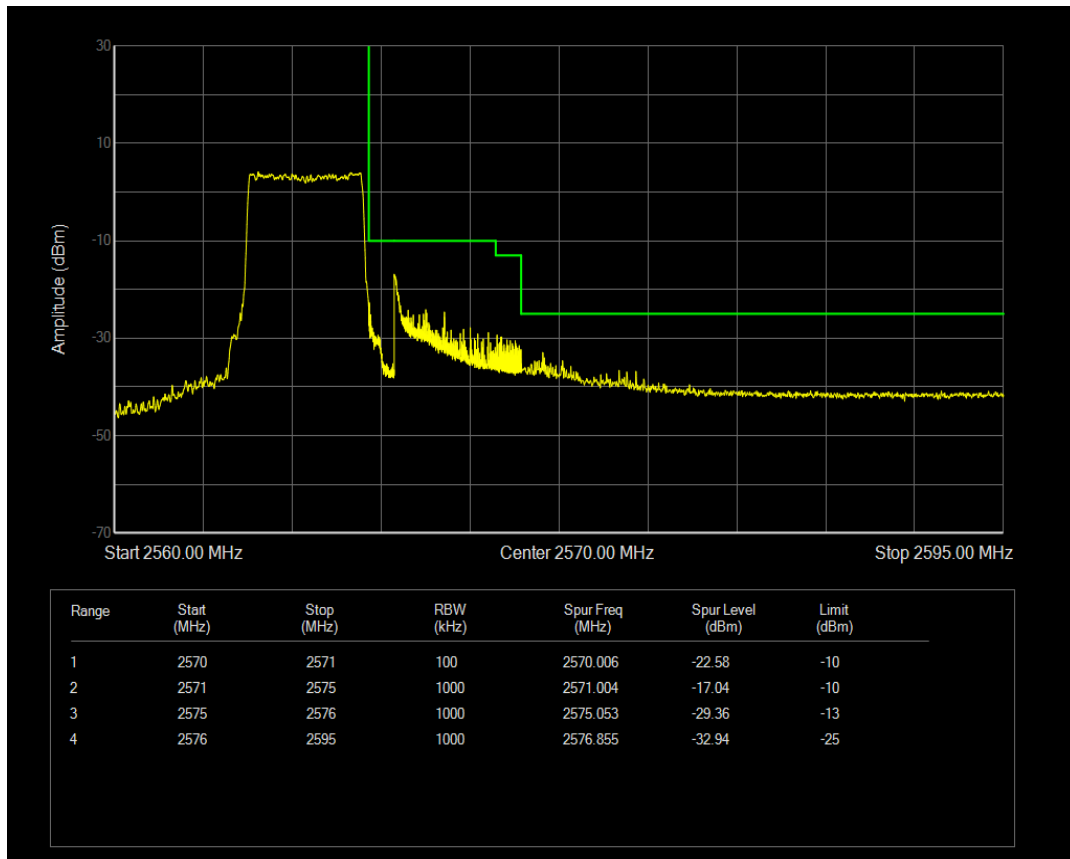
Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0



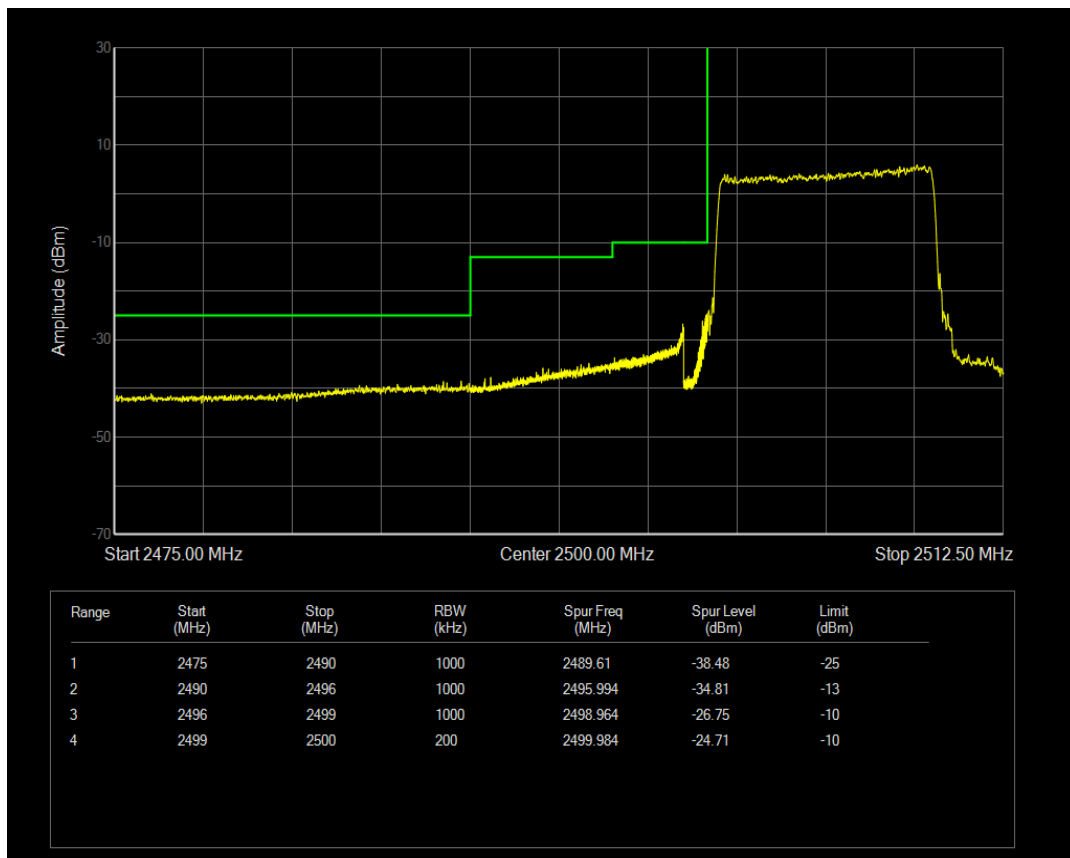
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



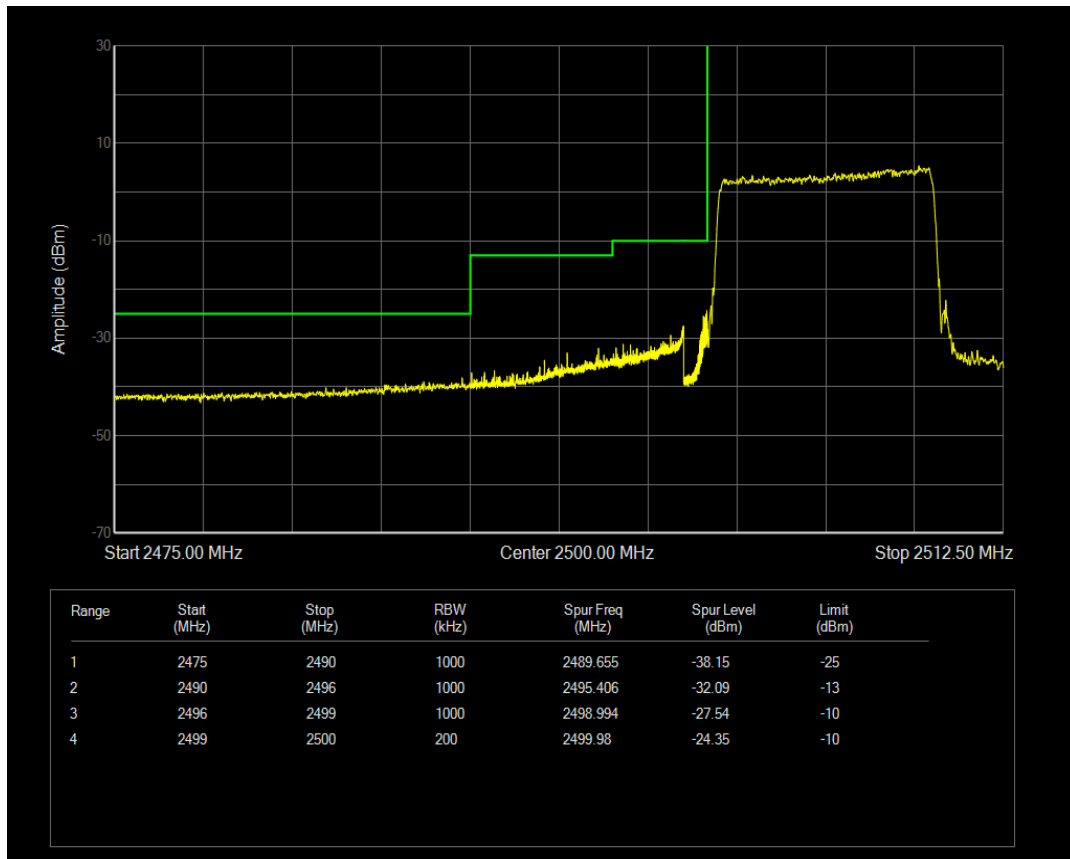
Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0



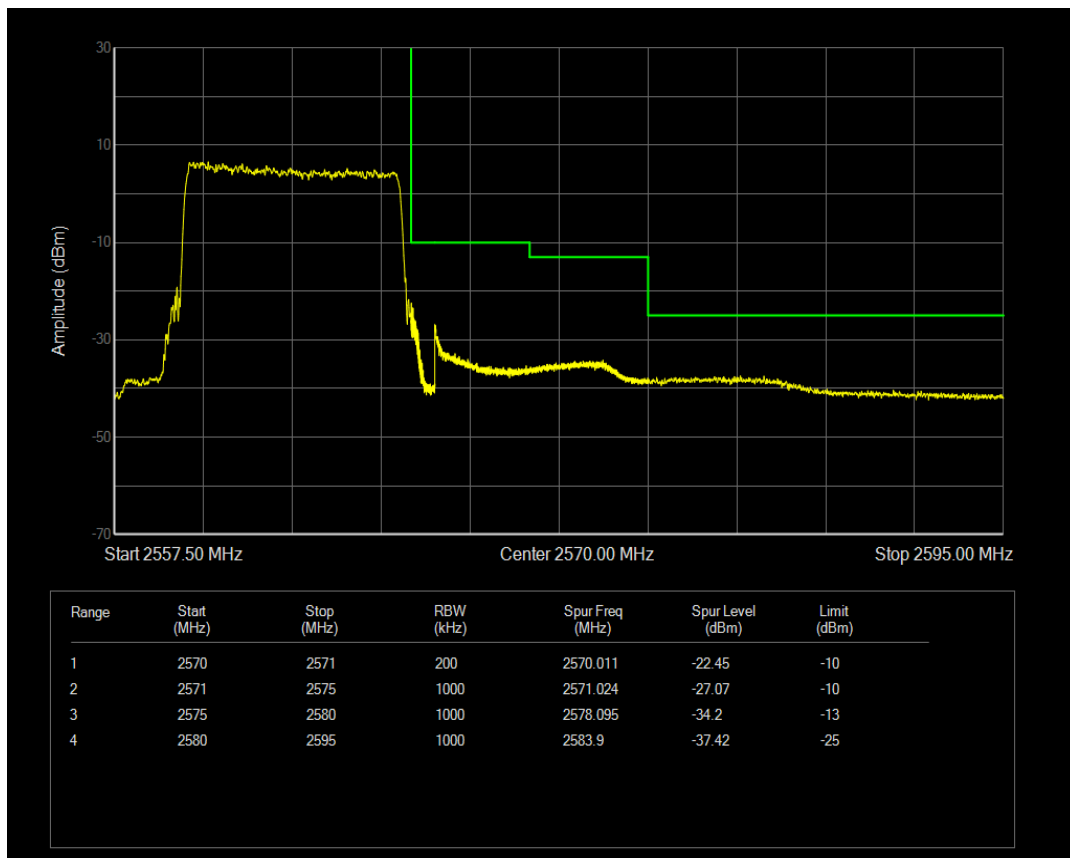
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



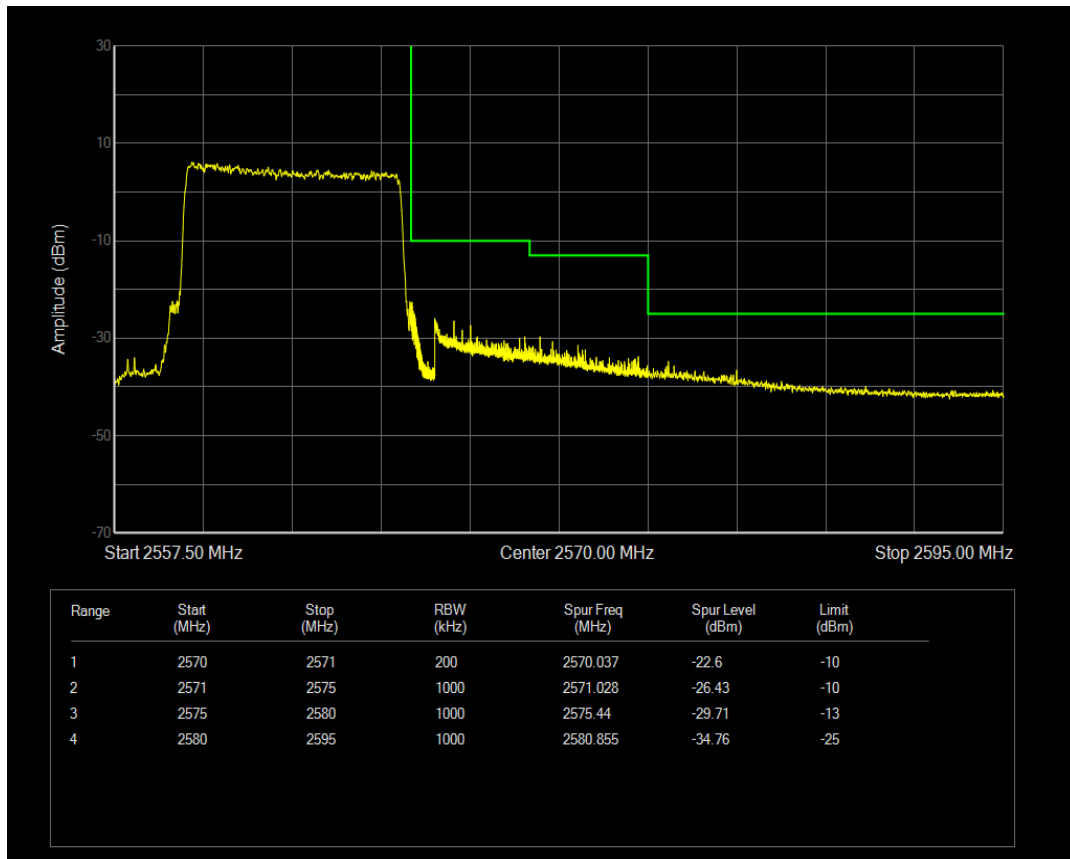
Band7 QAM16 BW=10MHz Channel=20800 RB Size=50 Position=#0



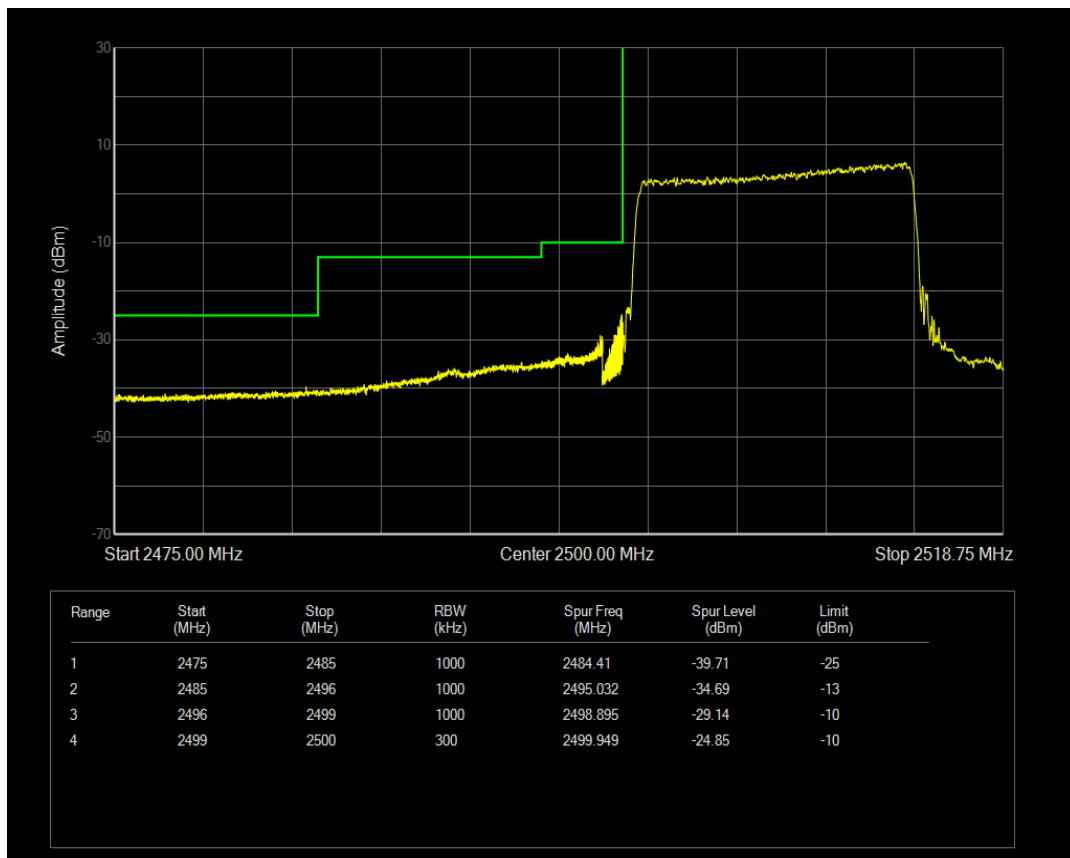
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



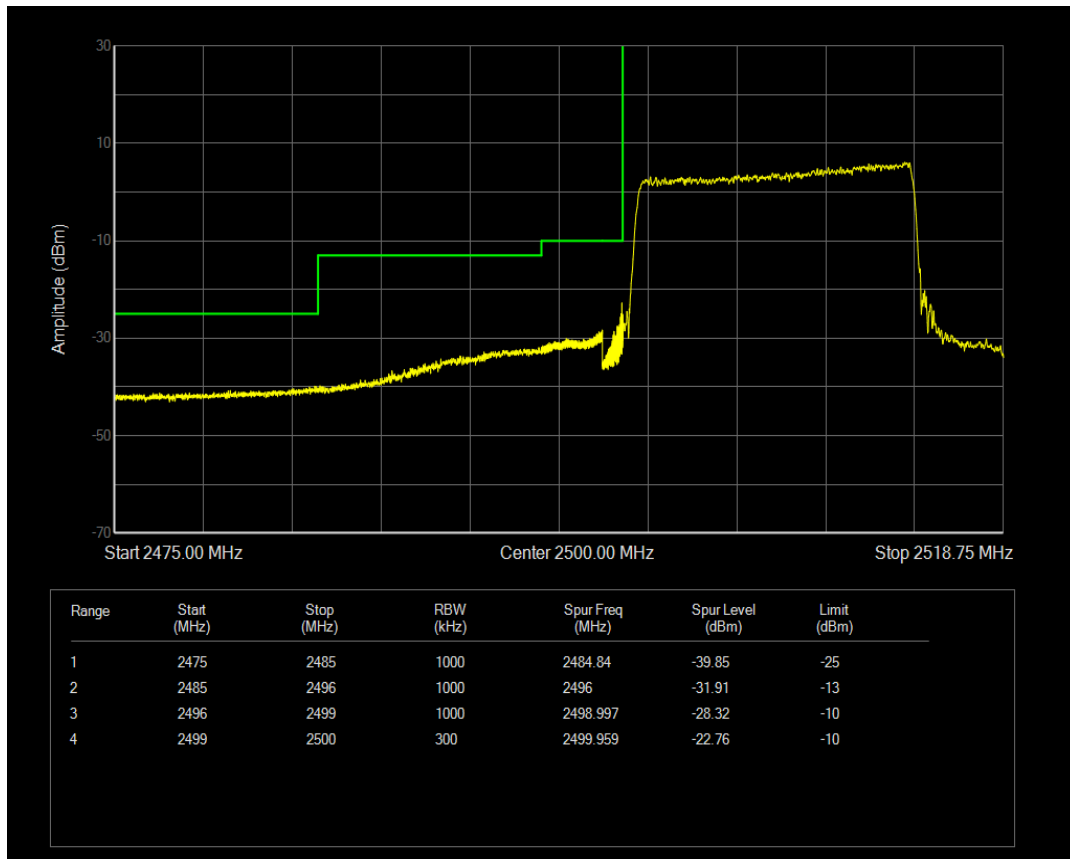
Band7 QAM16 BW=10MHz Channel=21400 RB Size=50 Position=#0



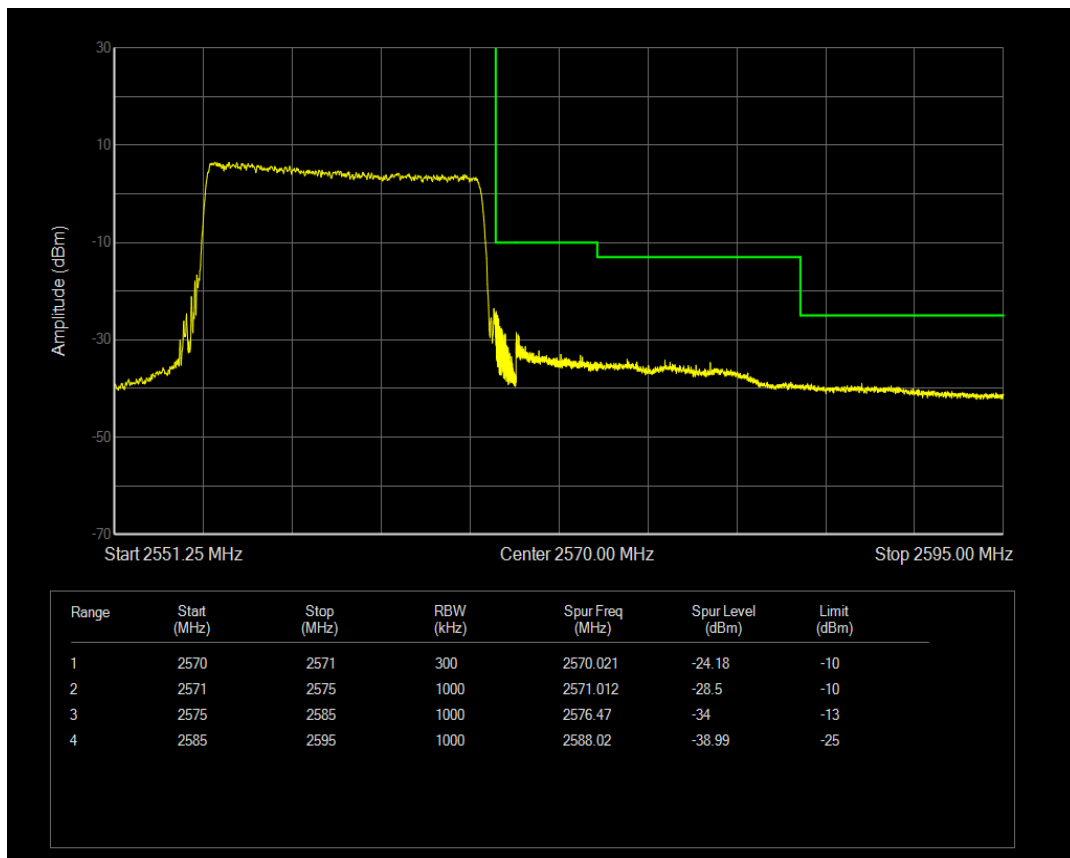
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



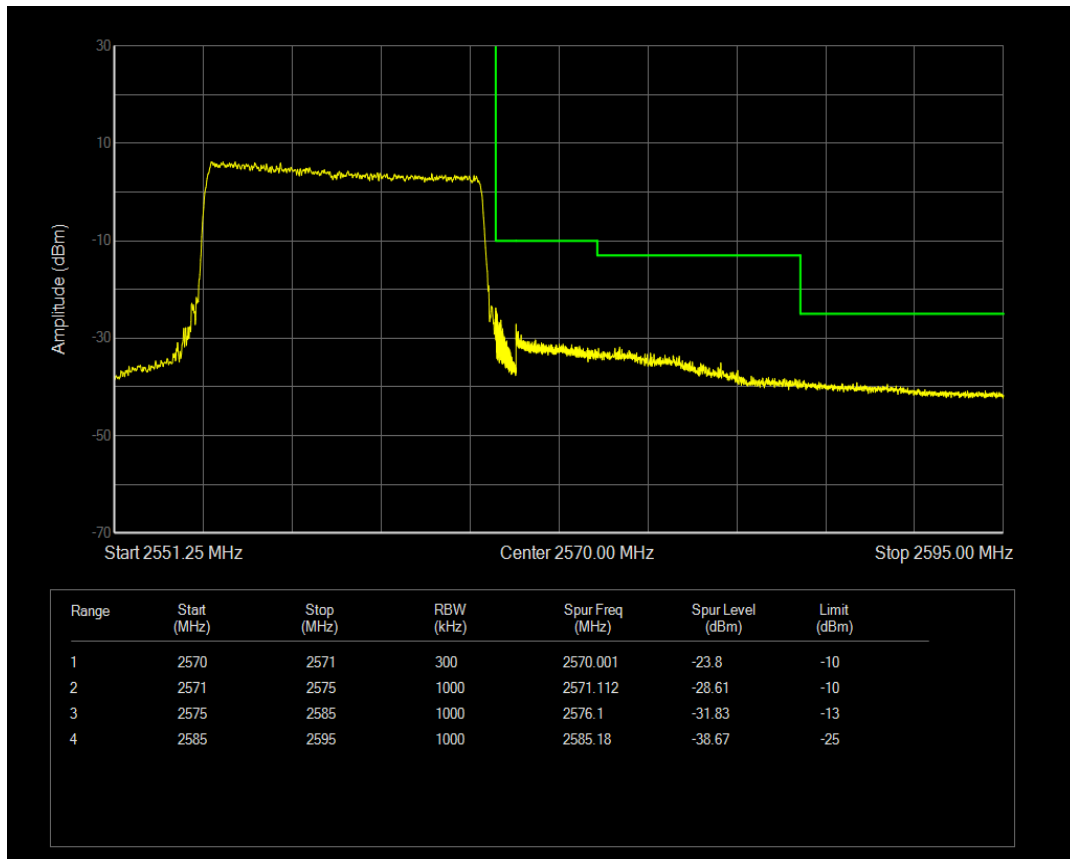
Band7 QAM16 BW=15MHz Channel=20825 RB Size=75 Position=#0



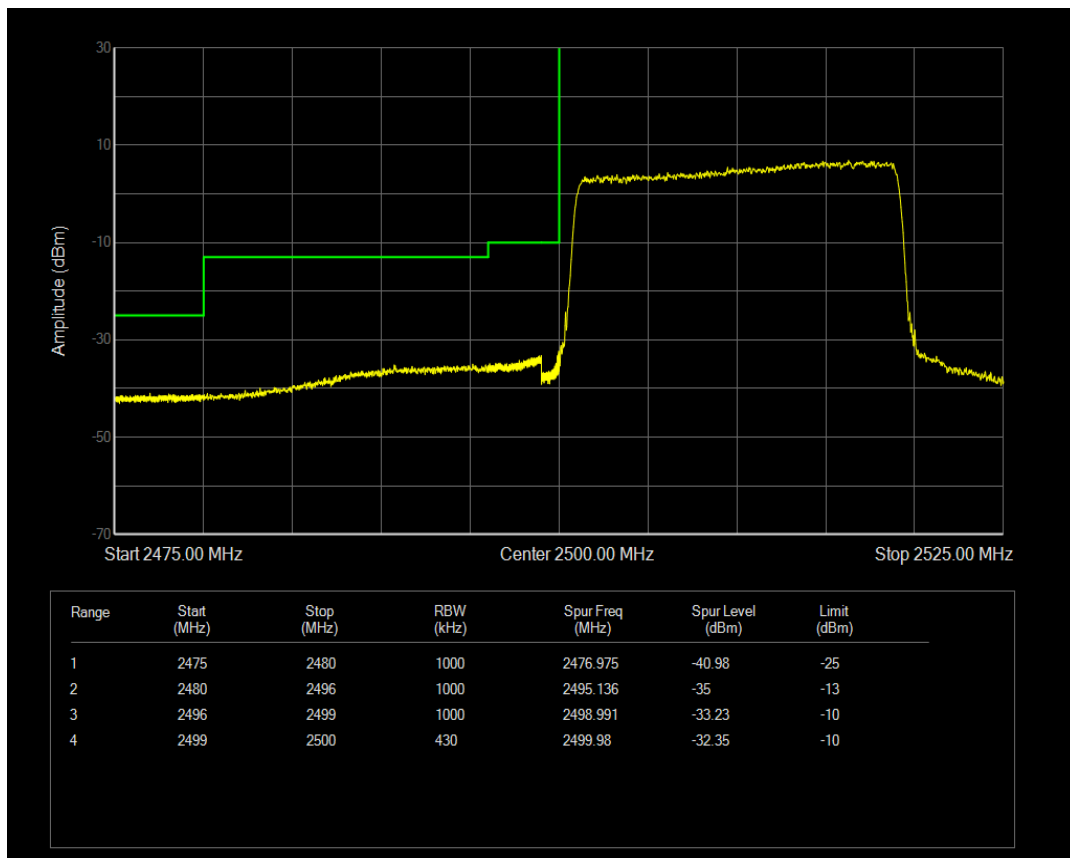
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



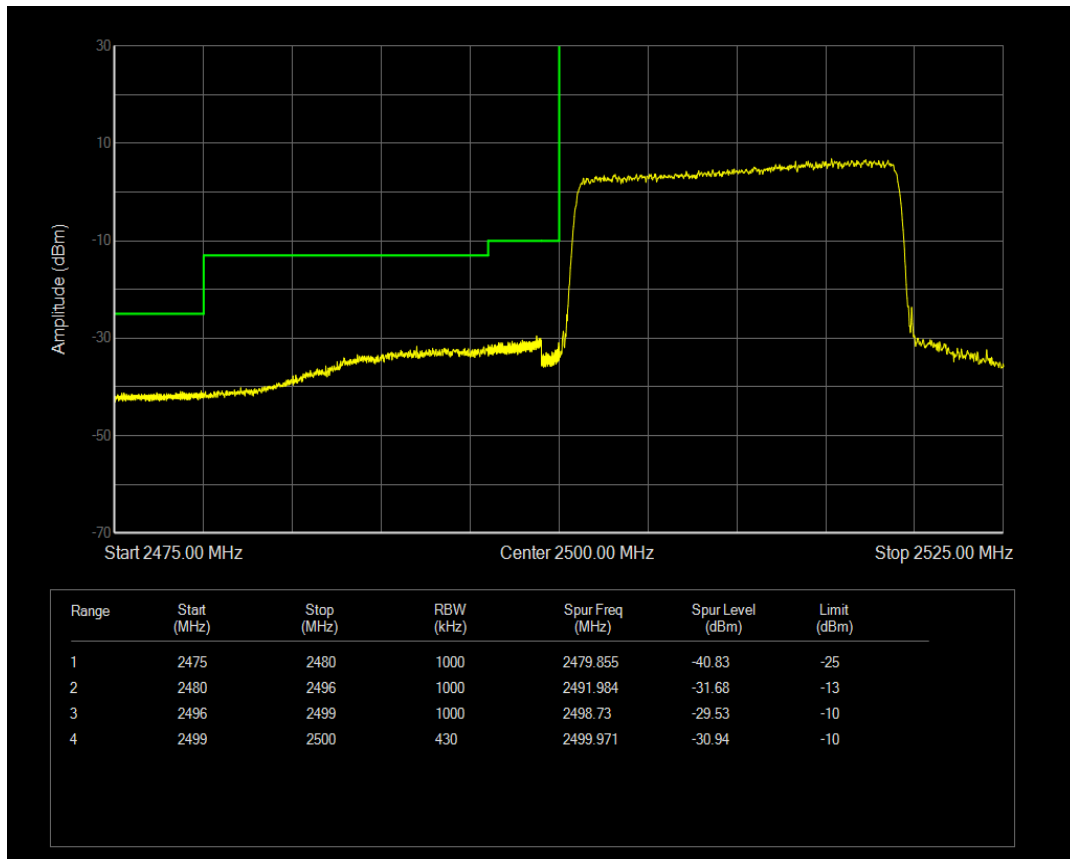
Band7 QAM16 BW=15MHz Channel=21375 RB Size=75 Position=#0



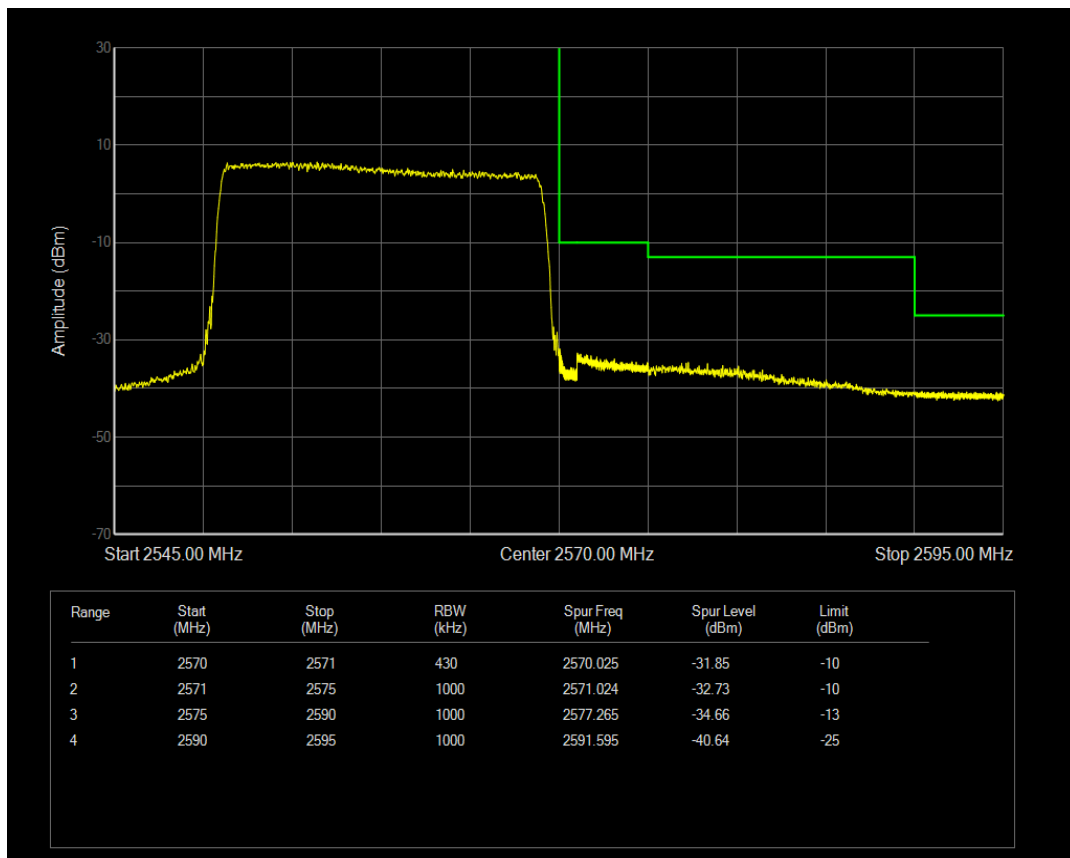
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



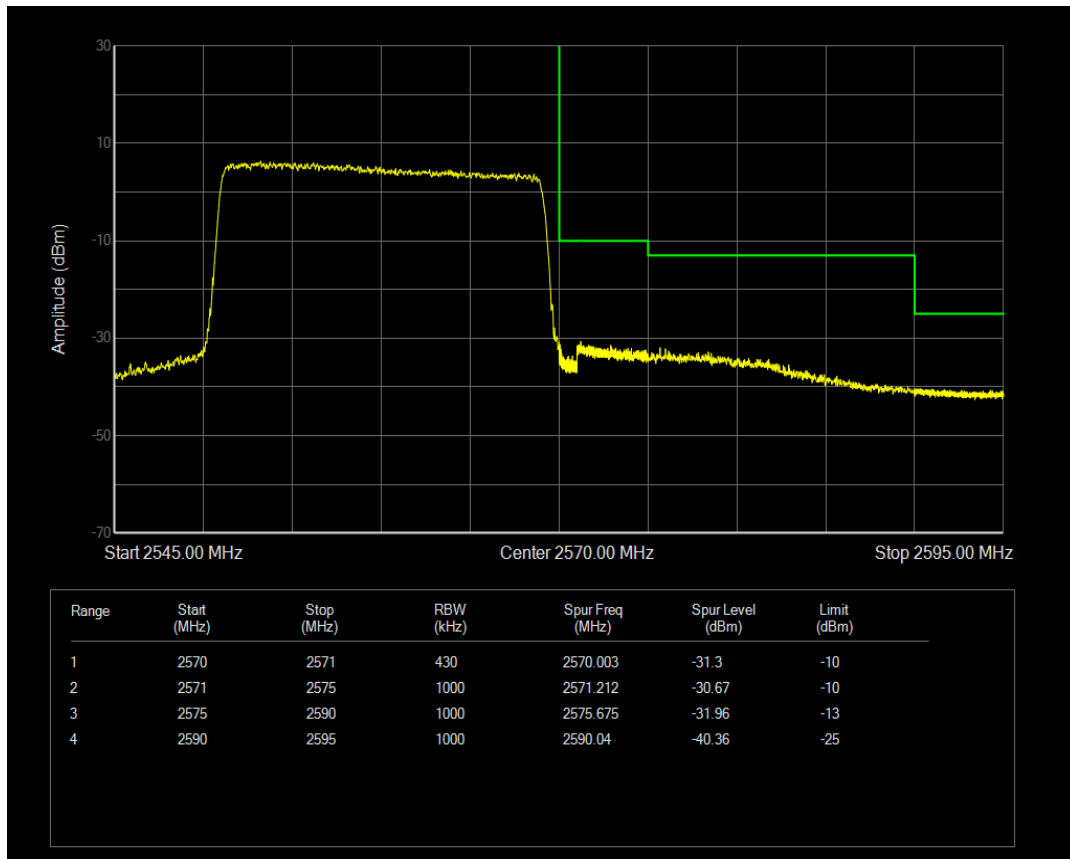
Band7 QAM16 BW=20MHz Channel=20850 RB Size=100 Position=#0



Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



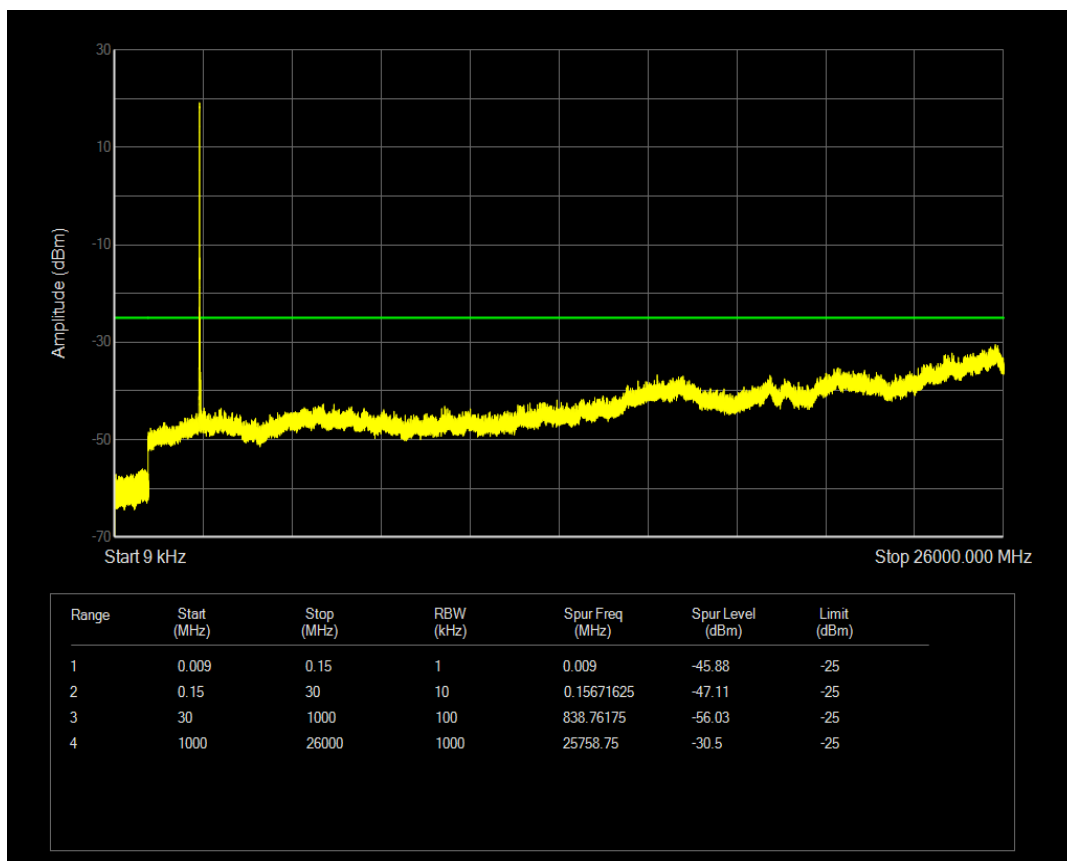
Band7 QAM16 BW=20MHz Channel=21350 RB Size=100 Position=#0



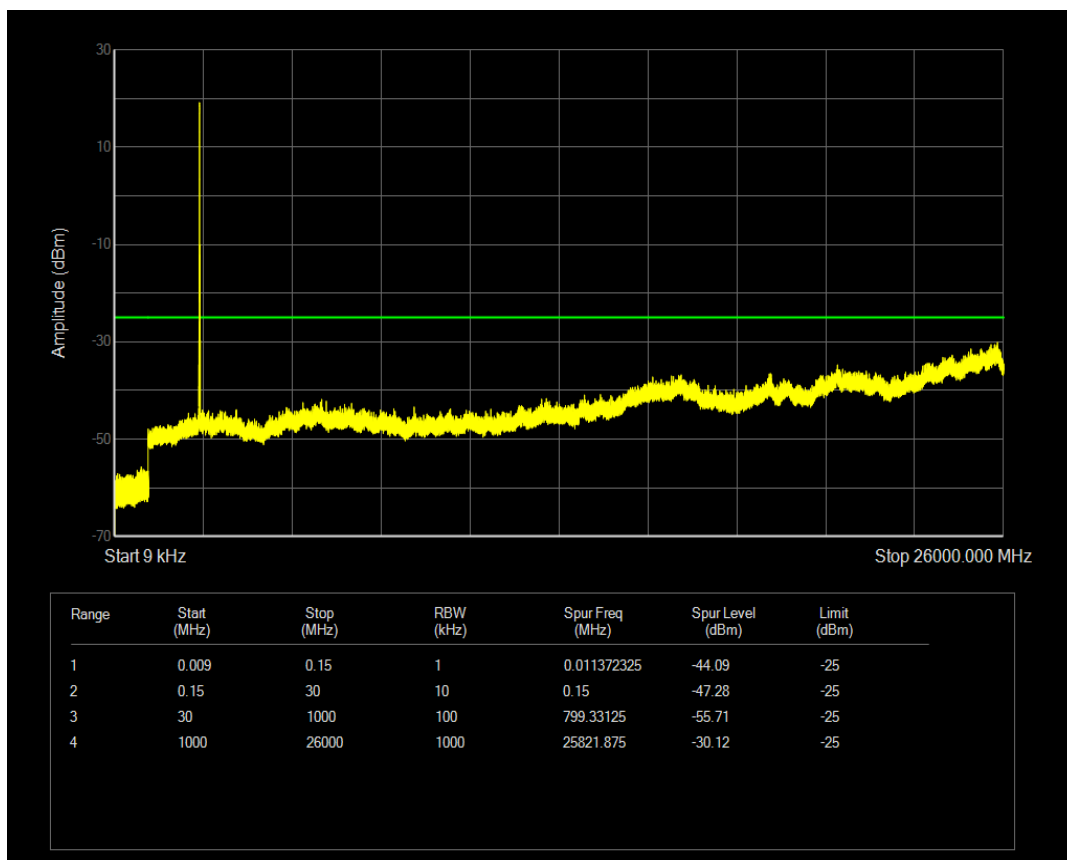
## 6 Out-of-band emissions

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-----------------|------------------|-------------|---------|
| Band7 | 5               | 20775      | 25      | #0          | QPSK       | 25758.75        | -30.50           | -25         | PASS    |
| Band7 | 5               | 20775      | 25      | #0          | QAM16      | 25821.88        | -30.12           | -25         | PASS    |
| Band7 | 5               | 21425      | 25      | #0          | QPSK       | 25835.63        | -30.29           | -25         | PASS    |
| Band7 | 5               | 21425      | 25      | #0          | QAM16      | 25723.13        | -29.89           | -25         | PASS    |
| Band7 | 10              | 20800      | 50      | #0          | QPSK       | 25793.13        | -30.72           | -25         | PASS    |
| Band7 | 10              | 20800      | 50      | #0          | QAM16      | 25771.25        | -29.48           | -25         | PASS    |
| Band7 | 10              | 21400      | 50      | #0          | QPSK       | 25830.00        | -29.72           | -25         | PASS    |
| Band7 | 10              | 21400      | 50      | #0          | QAM16      | 25758.13        | -30.36           | -25         | PASS    |
| Band7 | 15              | 20825      | 75      | #0          | QPSK       | 25671.88        | -30.50           | -25         | PASS    |
| Band7 | 15              | 20825      | 75      | #0          | QAM16      | 25445.63        | -30.51           | -25         | PASS    |
| Band7 | 15              | 21375      | 75      | #0          | QPSK       | 25790.63        | -30.39           | -25         | PASS    |
| Band7 | 15              | 21375      | 75      | #0          | QAM16      | 25810.00        | -29.98           | -25         | PASS    |
| Band7 | 20              | 20850      | 100     | #0          | QPSK       | 25613.13        | -30.43           | -25         | PASS    |
| Band7 | 20              | 20850      | 100     | #0          | QAM16      | 25778.75        | -30.21           | -25         | PASS    |
| Band7 | 20              | 21350      | 100     | #0          | QPSK       | 25702.50        | -30.01           | -25         | PASS    |
| Band7 | 20              | 21350      | 100     | #0          | QAM16      | 25796.25        | -31.06           | -25         | PASS    |

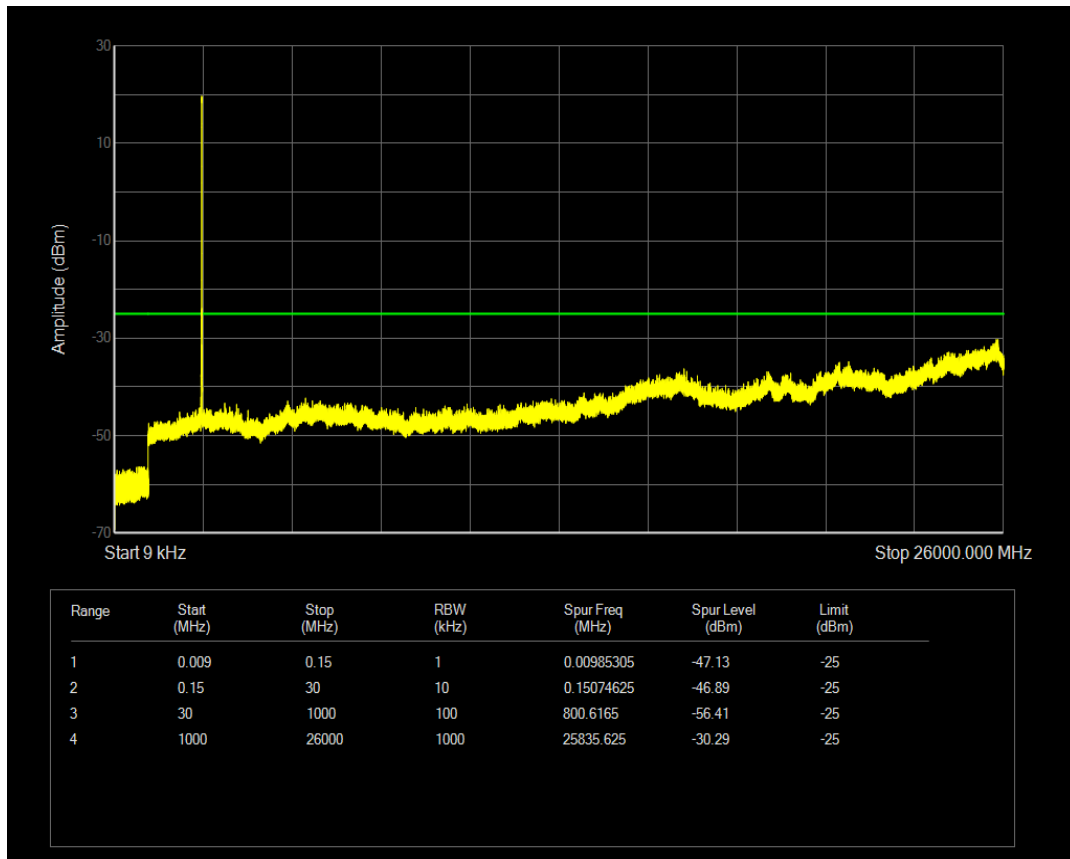
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



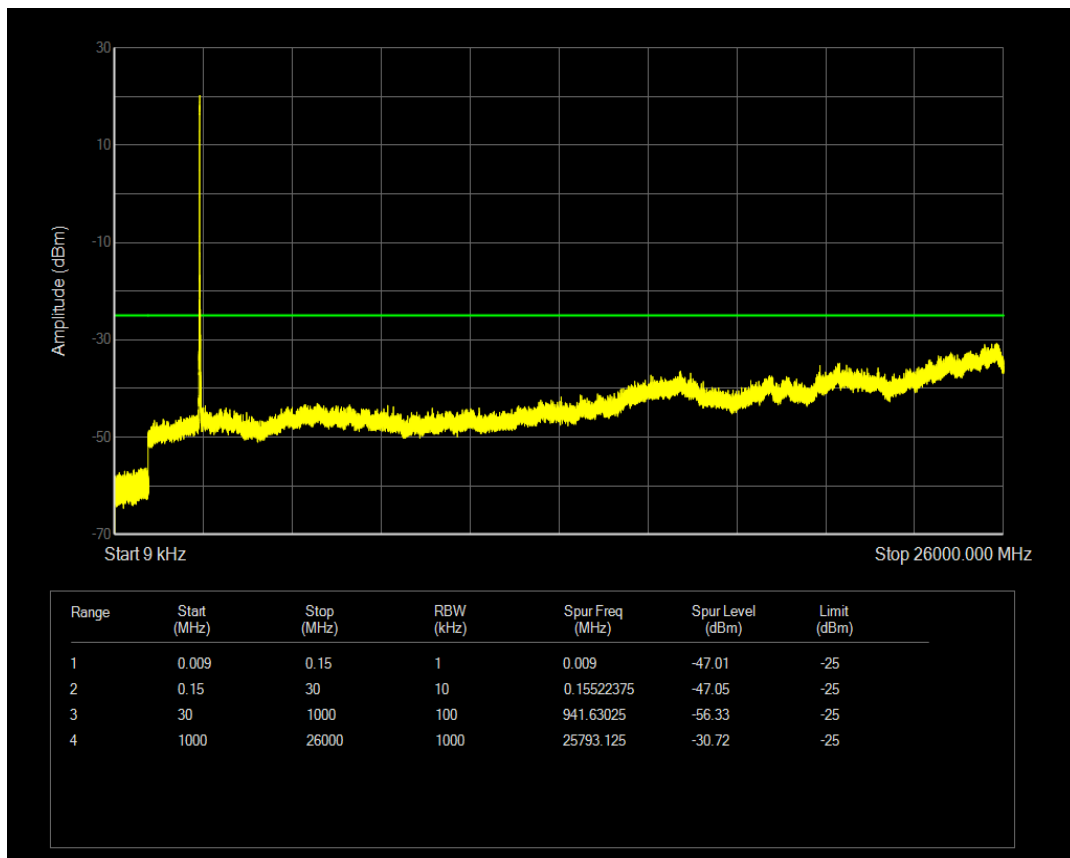
Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0



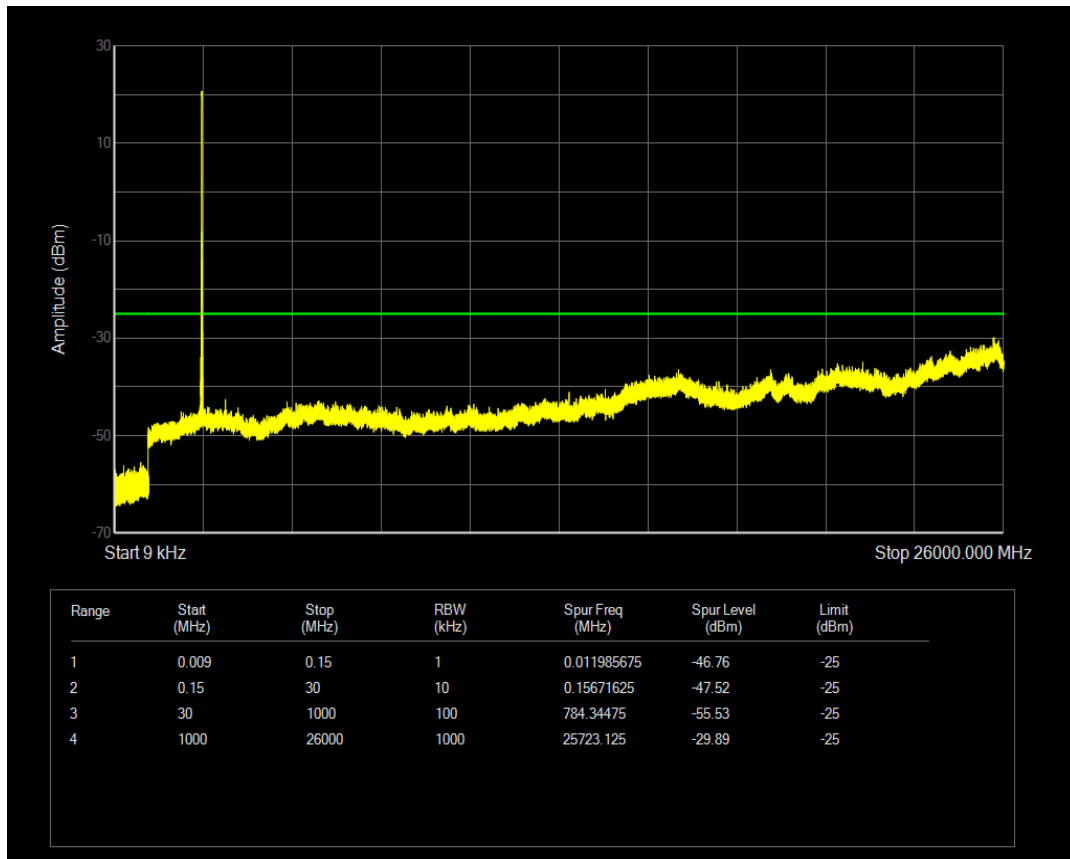
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



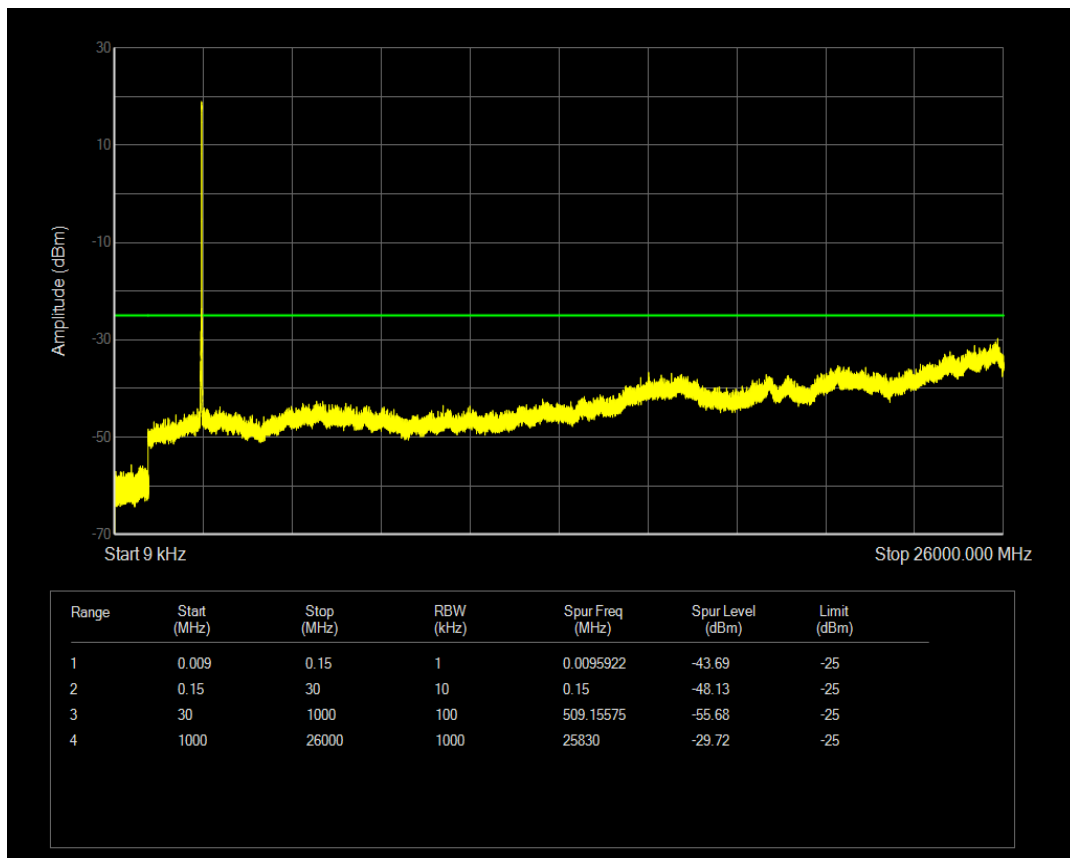
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



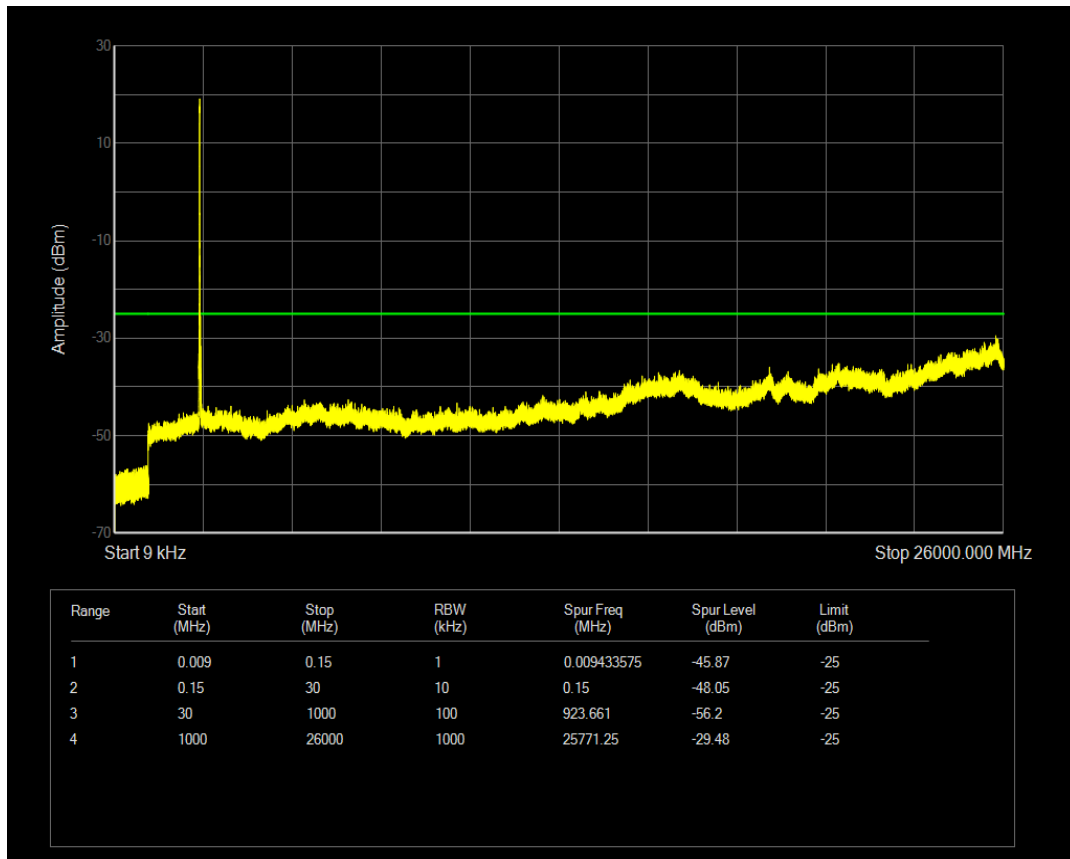
Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0



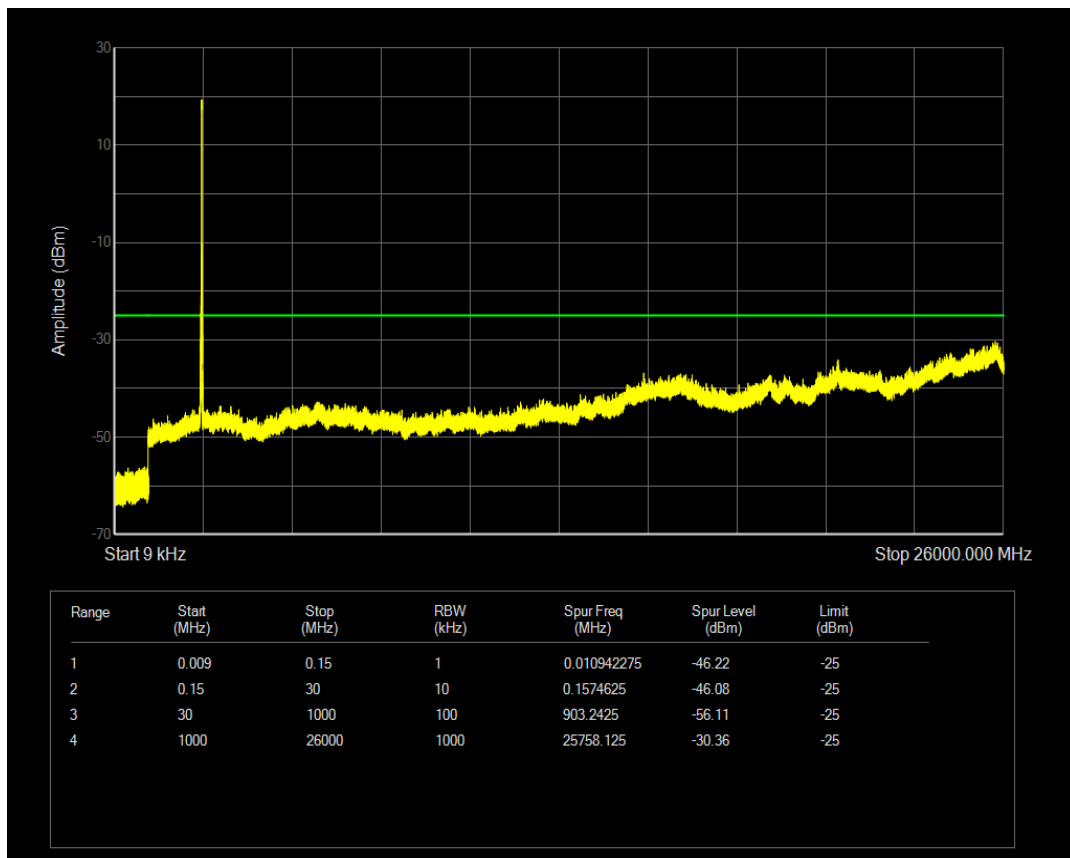
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



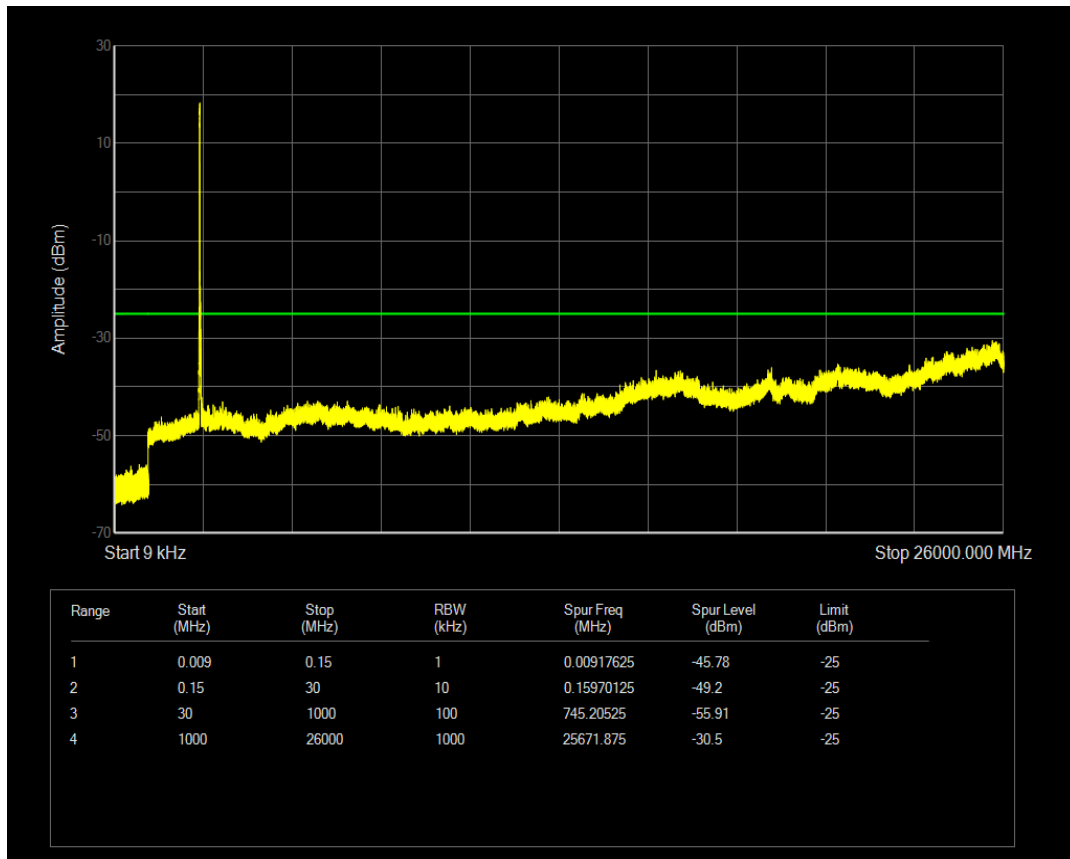
Band7 QAM16 BW=10MHz Channel=20800 RB Size=50 Position=#0



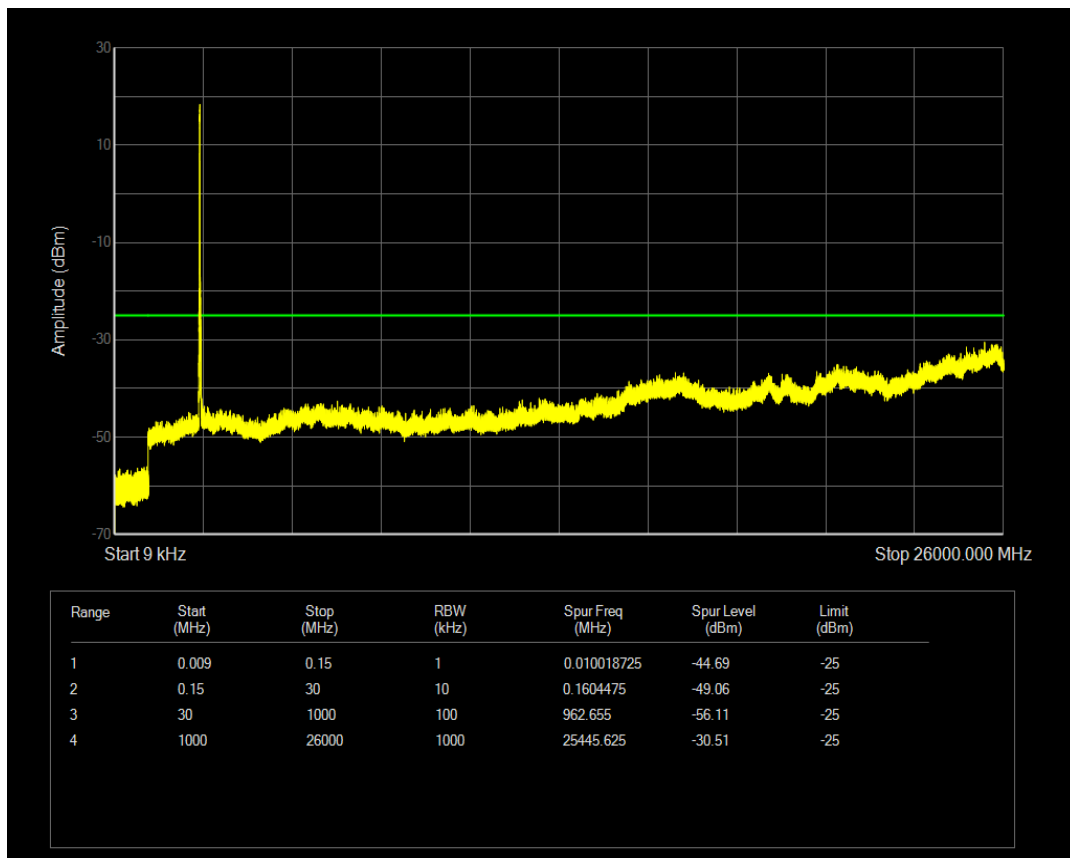
Band7 QAM16 BW=10MHz Channel=21400 RB Size=50 Position=#0



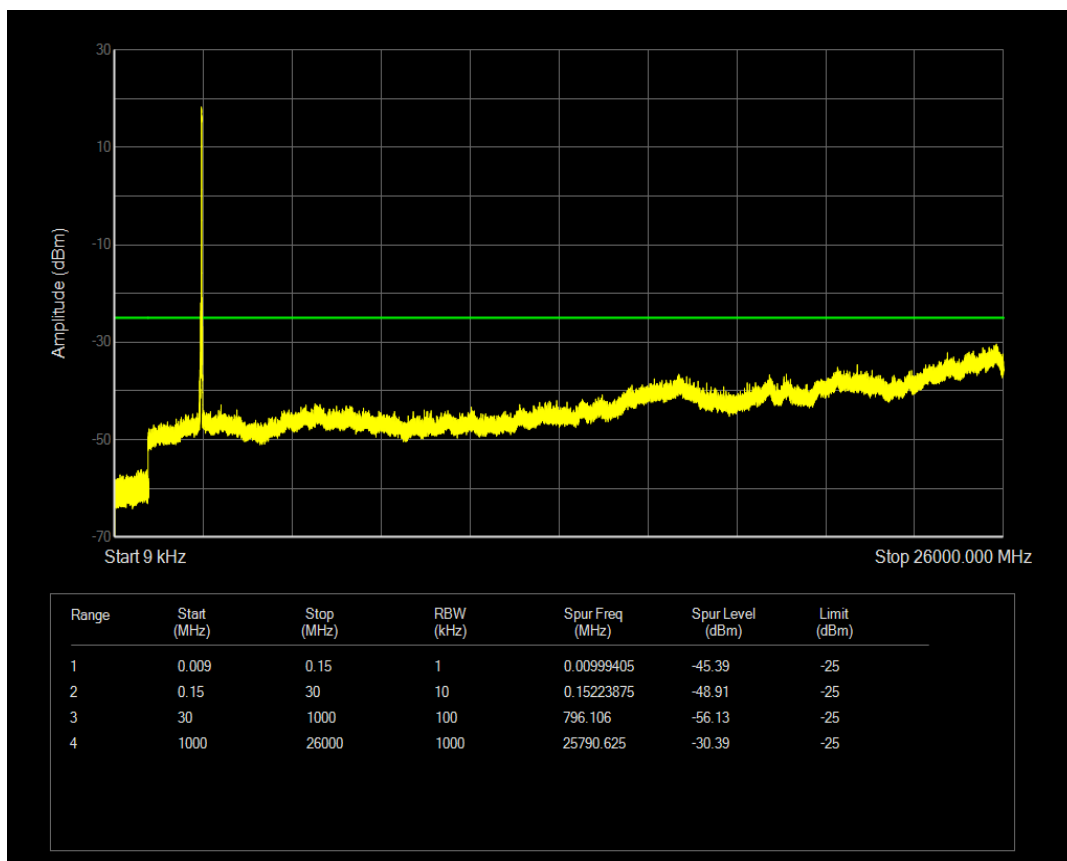
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



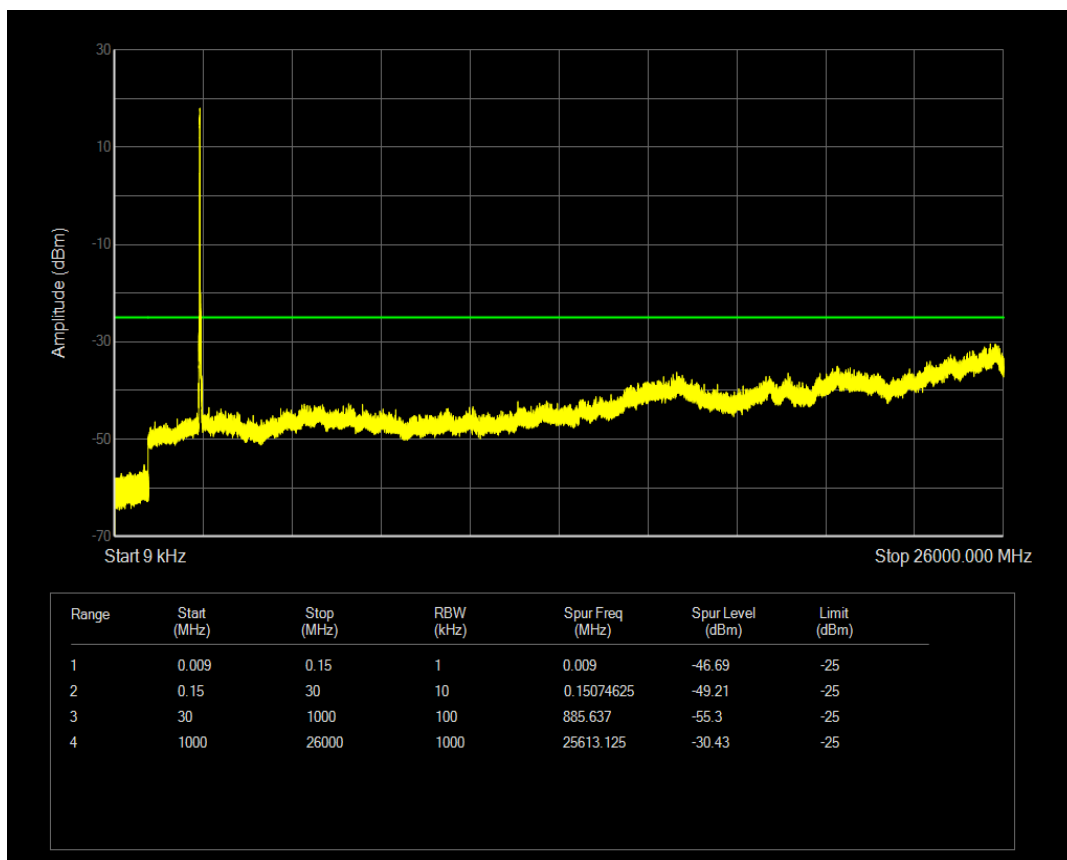
Band7 QAM16 BW=15MHz Channel=20825 RB Size=75 Position=#0



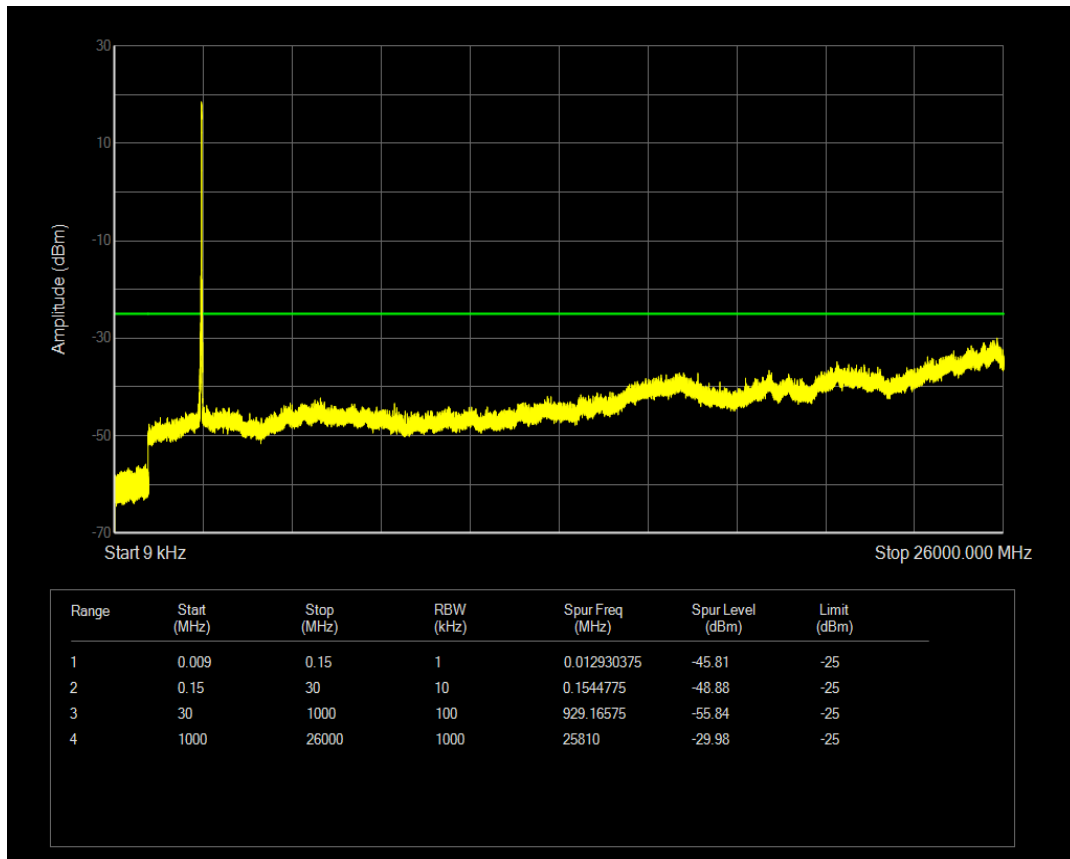
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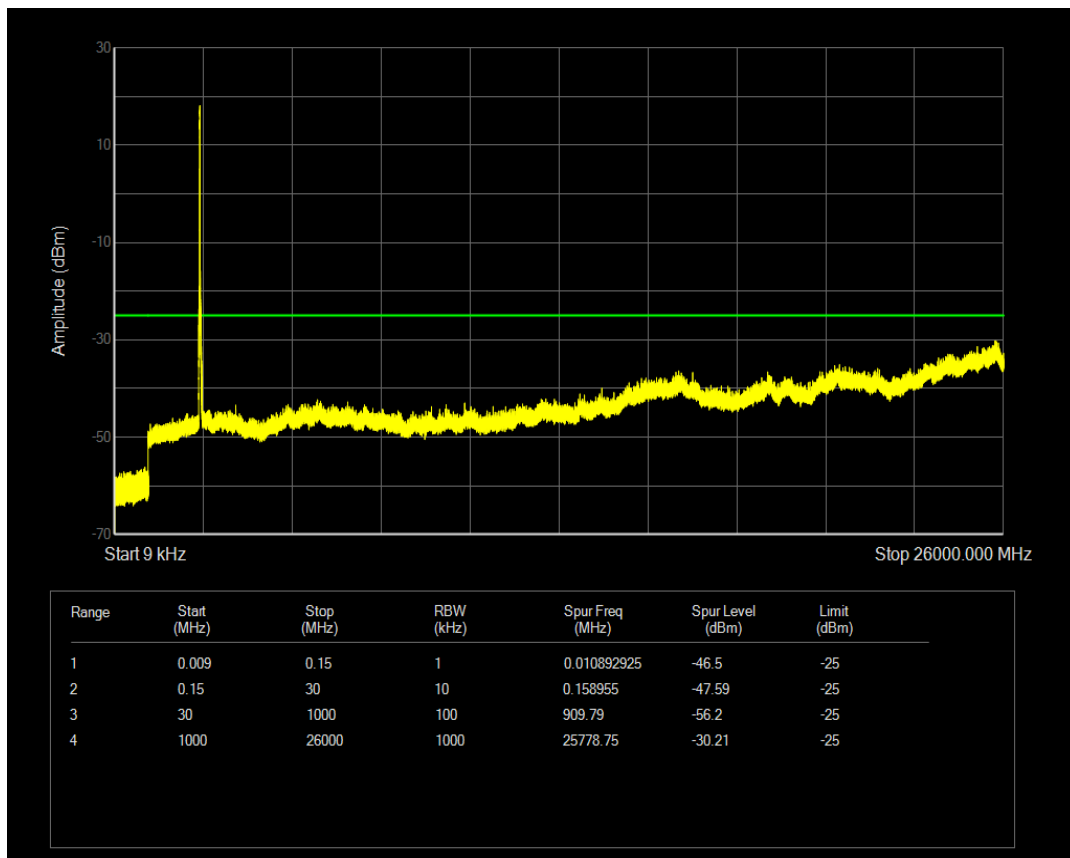
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



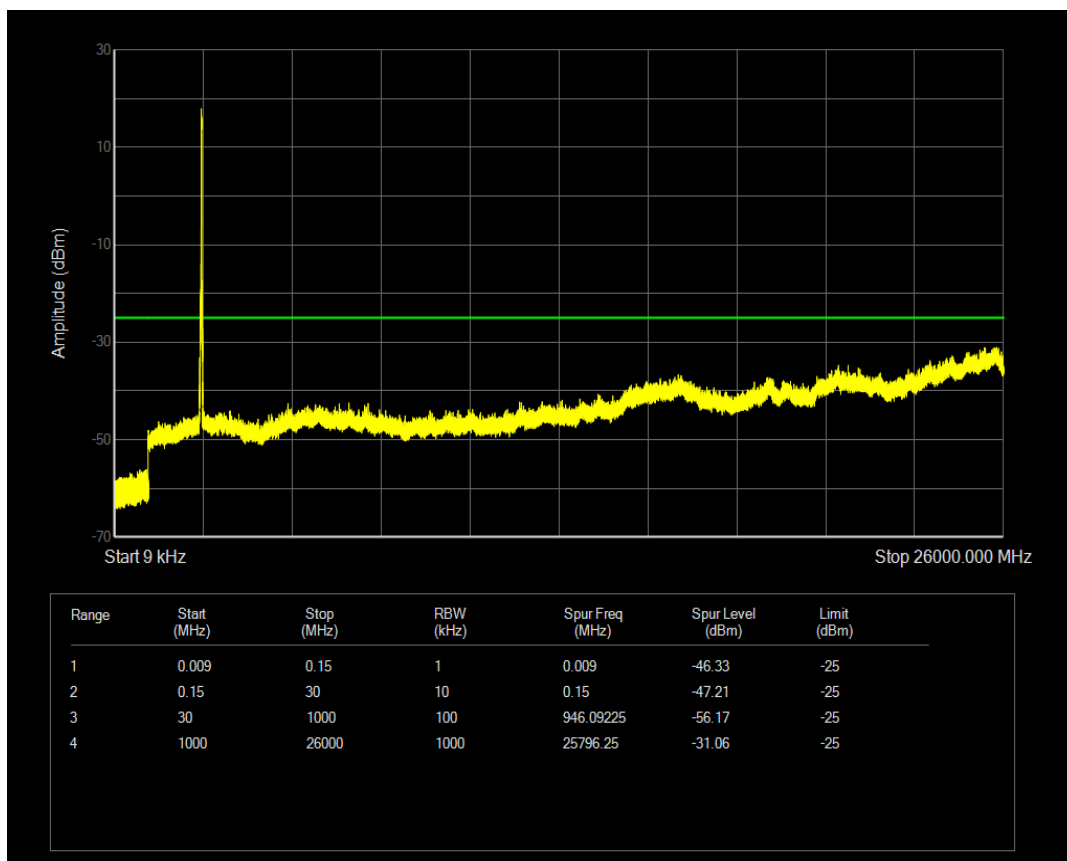
Band7 QAM16 BW=15MHz Channel=21375 RB Size=75 Position=#0



Band7 QAM16 BW=20MHz Channel=20850 RB Size=100 Position=#0



Band7 QAM16 BW=20MHz Channel=21350 RB Size=100 Position=#0



Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0

