

**1 Conducted output power**

| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Power<br>(dBm) | Gain<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) | Verdict |
|-------|--------------------|---------------|------------|----------------|------------|----------------|---------------|---------------|---------------------|---------|
| Band7 | 5                  | 20775         | 1          | #0             | QPSK       | 21.61          | 1.64          | 23.25         | 33                  | PASS    |
| Band7 | 5                  | 20775         | 1          | #Mid           | QPSK       | 21.58          | 1.64          | 23.22         | 33                  | PASS    |
| Band7 | 5                  | 20775         | 1          | #Max           | QPSK       | 21.63          | 1.64          | 23.27         | 33                  | PASS    |
| Band7 | 5                  | 20775         | 12         | #0             | QPSK       | 20.76          | 1.64          | 22.4          | 33                  | PASS    |
| Band7 | 5                  | 20775         | 12         | #Mid           | QPSK       | 20.8           | 1.64          | 22.44         | 33                  | PASS    |
| Band7 | 5                  | 20775         | 12         | #Max           | QPSK       | 20.74          | 1.64          | 22.38         | 33                  | PASS    |
| Band7 | 5                  | 20775         | 25         | #0             | QPSK       | 20.82          | 1.64          | 22.46         | 33                  | PASS    |
| Band7 | 5                  | 20775         | 1          | #0             | QAM16      | 21.21          | 1.64          | 22.85         | 33                  | PASS    |
| Band7 | 5                  | 20775         | 1          | #Mid           | QAM16      | 21.26          | 1.64          | 22.9          | 33                  | PASS    |
| Band7 | 5                  | 20775         | 1          | #Max           | QAM16      | 21.27          | 1.64          | 22.91         | 33                  | PASS    |
| Band7 | 5                  | 20775         | 12         | #0             | QAM16      | 19.94          | 1.64          | 21.58         | 33                  | PASS    |
| Band7 | 5                  | 20775         | 12         | #Mid           | QAM16      | 19.99          | 1.64          | 21.63         | 33                  | PASS    |
| Band7 | 5                  | 20775         | 12         | #Max           | QAM16      | 19.94          | 1.64          | 21.58         | 33                  | PASS    |
| Band7 | 5                  | 20775         | 25         | #0             | QAM16      | 19.86          | 1.64          | 21.5          | 33                  | PASS    |
| Band7 | 5                  | 21100         | 1          | #0             | QPSK       | 22.1           | 1.64          | 23.74         | 33                  | PASS    |
| Band7 | 5                  | 21100         | 1          | #Mid           | QPSK       | 22.1           | 1.64          | 23.74         | 33                  | PASS    |
| Band7 | 5                  | 21100         | 1          | #Max           | QPSK       | 22.09          | 1.64          | 23.73         | 33                  | PASS    |
| Band7 | 5                  | 21100         | 12         | #0             | QPSK       | 21.16          | 1.64          | 22.8          | 33                  | PASS    |
| Band7 | 5                  | 21100         | 12         | #Mid           | QPSK       | 21.2           | 1.64          | 22.84         | 33                  | PASS    |
| Band7 | 5                  | 21100         | 12         | #Max           | QPSK       | 21.14          | 1.64          | 22.78         | 33                  | PASS    |
| Band7 | 5                  | 21100         | 25         | #0             | QPSK       | 21.17          | 1.64          | 22.81         | 33                  | PASS    |
| Band7 | 5                  | 21100         | 1          | #0             | QAM16      | 21.77          | 1.64          | 23.41         | 33                  | PASS    |
| Band7 | 5                  | 21100         | 1          | #Mid           | QAM16      | 21.86          | 1.64          | 23.5          | 33                  | PASS    |
| Band7 | 5                  | 21100         | 1          | #Max           | QAM16      | 21.82          | 1.64          | 23.46         | 33                  | PASS    |
| Band7 | 5                  | 21100         | 12         | #0             | QAM16      | 20.3           | 1.64          | 21.94         | 33                  | PASS    |
| Band7 | 5                  | 21100         | 12         | #Mid           | QAM16      | 20.3           | 1.64          | 21.94         | 33                  | PASS    |
| Band7 | 5                  | 21100         | 12         | #Max           | QAM16      | 20.26          | 1.64          | 21.9          | 33                  | PASS    |
| Band7 | 5                  | 21100         | 25         | #0             | QAM16      | 20.22          | 1.64          | 21.86         | 33                  | PASS    |
| Band7 | 5                  | 21425         | 1          | #0             | QPSK       | 22.22          | 1.64          | 23.86         | 33                  | PASS    |
| Band7 | 5                  | 21425         | 1          | #Mid           | QPSK       | 22.17          | 1.64          | 23.81         | 33                  | PASS    |
| Band7 | 5                  | 21425         | 1          | #Max           | QPSK       | 22.23          | 1.64          | 23.87         | 33                  | PASS    |
| Band7 | 5                  | 21425         | 12         | #0             | QPSK       | 21.28          | 1.64          | 22.92         | 33                  | PASS    |
| Band7 | 5                  | 21425         | 12         | #Mid           | QPSK       | 21.29          | 1.64          | 22.93         | 33                  | PASS    |
| Band7 | 5                  | 21425         | 12         | #Max           | QPSK       | 21.29          | 1.64          | 22.93         | 33                  | PASS    |
| Band7 | 5                  | 21425         | 25         | #0             | QPSK       | 21.33          | 1.64          | 22.97         | 33                  | PASS    |
| Band7 | 5                  | 21425         | 1          | #0             | QAM16      | 21.7           | 1.64          | 23.34         | 33                  | PASS    |
| Band7 | 5                  | 21425         | 1          | #Mid           | QAM16      | 21.73          | 1.64          | 23.37         | 33                  | PASS    |
| Band7 | 5                  | 21425         | 1          | #Max           | QAM16      | 21.78          | 1.64          | 23.42         | 33                  | PASS    |
| Band7 | 5                  | 21425         | 12         | #0             | QAM16      | 20.4           | 1.64          | 22.04         | 33                  | PASS    |
| Band7 | 5                  | 21425         | 12         | #Mid           | QAM16      | 20.43          | 1.64          | 22.07         | 33                  | PASS    |
| Band7 | 5                  | 21425         | 12         | #Max           | QAM16      | 20.43          | 1.64          | 22.07         | 33                  | PASS    |

|       |    |       |    |      |       |       |      |       |    |      |
|-------|----|-------|----|------|-------|-------|------|-------|----|------|
| Band7 | 5  | 21425 | 25 | #0   | QAM16 | 20.44 | 1.64 | 22.08 | 33 | PASS |
| Band7 | 10 | 20800 | 1  | #0   | QPSK  | 21.62 | 1.64 | 23.26 | 33 | PASS |
| Band7 | 10 | 20800 | 1  | #Mid | QPSK  | 21.66 | 1.64 | 23.3  | 33 | PASS |
| Band7 | 10 | 20800 | 1  | #Max | QPSK  | 21.81 | 1.64 | 23.45 | 33 | PASS |
| Band7 | 10 | 20800 | 25 | #0   | QPSK  | 20.82 | 1.64 | 22.46 | 33 | PASS |
| Band7 | 10 | 20800 | 25 | #Mid | QPSK  | 20.85 | 1.64 | 22.49 | 33 | PASS |
| Band7 | 10 | 20800 | 25 | #Max | QPSK  | 20.96 | 1.64 | 22.6  | 33 | PASS |
| Band7 | 10 | 20800 | 50 | #0   | QPSK  | 20.96 | 1.64 | 22.6  | 33 | PASS |
| Band7 | 10 | 20800 | 1  | #0   | QAM16 | 21.39 | 1.64 | 23.03 | 33 | PASS |
| Band7 | 10 | 20800 | 1  | #Mid | QAM16 | 21.36 | 1.64 | 23    | 33 | PASS |
| Band7 | 10 | 20800 | 1  | #Max | QAM16 | 21.48 | 1.64 | 23.12 | 33 | PASS |
| Band7 | 10 | 20800 | 25 | #0   | QAM16 | 19.92 | 1.64 | 21.56 | 33 | PASS |
| Band7 | 10 | 20800 | 25 | #Mid | QAM16 | 19.96 | 1.64 | 21.6  | 33 | PASS |
| Band7 | 10 | 20800 | 25 | #Max | QAM16 | 20.07 | 1.64 | 21.71 | 33 | PASS |
| Band7 | 10 | 20800 | 50 | #0   | QAM16 | 20.07 | 1.64 | 21.71 | 33 | PASS |
| Band7 | 10 | 21100 | 1  | #0   | QPSK  | 22.11 | 1.64 | 23.75 | 33 | PASS |
| Band7 | 10 | 21100 | 1  | #Mid | QPSK  | 22.09 | 1.64 | 23.73 | 33 | PASS |
| Band7 | 10 | 21100 | 1  | #Max | QPSK  | 22.12 | 1.64 | 23.76 | 33 | PASS |
| Band7 | 10 | 21100 | 25 | #0   | QPSK  | 21.19 | 1.64 | 22.83 | 33 | PASS |
| Band7 | 10 | 21100 | 25 | #Mid | QPSK  | 21.2  | 1.64 | 22.84 | 33 | PASS |
| Band7 | 10 | 21100 | 25 | #Max | QPSK  | 21.17 | 1.64 | 22.81 | 33 | PASS |
| Band7 | 10 | 21100 | 50 | #0   | QPSK  | 21.19 | 1.64 | 22.83 | 33 | PASS |
| Band7 | 10 | 21100 | 1  | #0   | QAM16 | 21.41 | 1.64 | 23.05 | 33 | PASS |
| Band7 | 10 | 21100 | 1  | #Mid | QAM16 | 21.52 | 1.64 | 23.16 | 33 | PASS |
| Band7 | 10 | 21100 | 1  | #Max | QAM16 | 21.54 | 1.64 | 23.18 | 33 | PASS |
| Band7 | 10 | 21100 | 25 | #0   | QAM16 | 20.27 | 1.64 | 21.91 | 33 | PASS |
| Band7 | 10 | 21100 | 25 | #Mid | QAM16 | 20.33 | 1.64 | 21.97 | 33 | PASS |
| Band7 | 10 | 21100 | 25 | #Max | QAM16 | 20.29 | 1.64 | 21.93 | 33 | PASS |
| Band7 | 10 | 21100 | 50 | #0   | QAM16 | 20.28 | 1.64 | 21.92 | 33 | PASS |
| Band7 | 10 | 21400 | 1  | #0   | QPSK  | 22.26 | 1.64 | 23.9  | 33 | PASS |
| Band7 | 10 | 21400 | 1  | #Mid | QPSK  | 22.28 | 1.64 | 23.92 | 33 | PASS |
| Band7 | 10 | 21400 | 1  | #Max | QPSK  | 22.29 | 1.64 | 23.93 | 33 | PASS |
| Band7 | 10 | 21400 | 25 | #0   | QPSK  | 21.29 | 1.64 | 22.93 | 33 | PASS |
| Band7 | 10 | 21400 | 25 | #Mid | QPSK  | 21.32 | 1.64 | 22.96 | 33 | PASS |
| Band7 | 10 | 21400 | 25 | #Max | QPSK  | 21.33 | 1.64 | 22.97 | 33 | PASS |
| Band7 | 10 | 21400 | 50 | #0   | QPSK  | 21.33 | 1.64 | 22.97 | 33 | PASS |
| Band7 | 10 | 21400 | 1  | #0   | QAM16 | 21.27 | 1.64 | 22.91 | 33 | PASS |
| Band7 | 10 | 21400 | 1  | #Mid | QAM16 | 21.27 | 1.64 | 22.91 | 33 | PASS |
| Band7 | 10 | 21400 | 1  | #Max | QAM16 | 21.35 | 1.64 | 22.99 | 33 | PASS |
| Band7 | 10 | 21400 | 25 | #0   | QAM16 | 20.45 | 1.64 | 22.09 | 33 | PASS |
| Band7 | 10 | 21400 | 25 | #Mid | QAM16 | 20.42 | 1.64 | 22.06 | 33 | PASS |
| Band7 | 10 | 21400 | 25 | #Max | QAM16 | 20.48 | 1.64 | 22.12 | 33 | PASS |
| Band7 | 10 | 21400 | 50 | #0   | QAM16 | 20.43 | 1.64 | 22.07 | 33 | PASS |
| Band7 | 15 | 20825 | 1  | #0   | QPSK  | 21.63 | 1.64 | 23.27 | 33 | PASS |

|       |    |       |    |      |       |       |      |       |    |      |
|-------|----|-------|----|------|-------|-------|------|-------|----|------|
| Band7 | 15 | 20825 | 1  | #Mid | QPSK  | 21.72 | 1.64 | 23.36 | 33 | PASS |
| Band7 | 15 | 20825 | 1  | #Max | QPSK  | 21.93 | 1.64 | 23.57 | 33 | PASS |
| Band7 | 15 | 20825 | 36 | #0   | QPSK  | 20.69 | 1.64 | 22.33 | 33 | PASS |
| Band7 | 15 | 20825 | 36 | #Mid | QPSK  | 20.92 | 1.64 | 22.56 | 33 | PASS |
| Band7 | 15 | 20825 | 36 | #Max | QPSK  | 20.92 | 1.64 | 22.56 | 33 | PASS |
| Band7 | 15 | 20825 | 75 | #0   | QPSK  | 20.88 | 1.64 | 22.52 | 33 | PASS |
| Band7 | 15 | 20825 | 1  | #0   | QAM16 | 21.37 | 1.64 | 23.01 | 33 | PASS |
| Band7 | 15 | 20825 | 1  | #Mid | QAM16 | 21.41 | 1.64 | 23.05 | 33 | PASS |
| Band7 | 15 | 20825 | 1  | #Max | QAM16 | 21.49 | 1.64 | 23.13 | 33 | PASS |
| Band7 | 15 | 20825 | 36 | #0   | QAM16 | 19.89 | 1.64 | 21.53 | 33 | PASS |
| Band7 | 15 | 20825 | 36 | #Mid | QAM16 | 20.08 | 1.64 | 21.72 | 33 | PASS |
| Band7 | 15 | 20825 | 36 | #Max | QAM16 | 20.09 | 1.64 | 21.73 | 33 | PASS |
| Band7 | 15 | 20825 | 75 | #0   | QAM16 | 19.99 | 1.64 | 21.63 | 33 | PASS |
| Band7 | 15 | 21100 | 1  | #0   | QPSK  | 22.08 | 1.64 | 23.72 | 33 | PASS |
| Band7 | 15 | 21100 | 1  | #Mid | QPSK  | 22.08 | 1.64 | 23.72 | 33 | PASS |
| Band7 | 15 | 21100 | 1  | #Max | QPSK  | 22.1  | 1.64 | 23.74 | 33 | PASS |
| Band7 | 15 | 21100 | 36 | #0   | QPSK  | 21.13 | 1.64 | 22.77 | 33 | PASS |
| Band7 | 15 | 21100 | 36 | #Mid | QPSK  | 21.13 | 1.64 | 22.77 | 33 | PASS |
| Band7 | 15 | 21100 | 36 | #Max | QPSK  | 21.11 | 1.64 | 22.75 | 33 | PASS |
| Band7 | 15 | 21100 | 75 | #0   | QPSK  | 21.11 | 1.64 | 22.75 | 33 | PASS |
| Band7 | 15 | 21100 | 1  | #0   | QAM16 | 21.43 | 1.64 | 23.07 | 33 | PASS |
| Band7 | 15 | 21100 | 1  | #Mid | QAM16 | 21.5  | 1.64 | 23.14 | 33 | PASS |
| Band7 | 15 | 21100 | 1  | #Max | QAM16 | 21.59 | 1.64 | 23.23 | 33 | PASS |
| Band7 | 15 | 21100 | 36 | #0   | QAM16 | 20.33 | 1.64 | 21.97 | 33 | PASS |
| Band7 | 15 | 21100 | 36 | #Mid | QAM16 | 20.31 | 1.64 | 21.95 | 33 | PASS |
| Band7 | 15 | 21100 | 36 | #Max | QAM16 | 20.3  | 1.64 | 21.94 | 33 | PASS |
| Band7 | 15 | 21100 | 75 | #0   | QAM16 | 20.26 | 1.64 | 21.9  | 33 | PASS |
| Band7 | 15 | 21375 | 1  | #0   | QPSK  | 22.25 | 1.64 | 23.89 | 33 | PASS |
| Band7 | 15 | 21375 | 1  | #Mid | QPSK  | 22.33 | 1.64 | 23.97 | 33 | PASS |
| Band7 | 15 | 21375 | 1  | #Max | QPSK  | 22.26 | 1.64 | 23.9  | 33 | PASS |
| Band7 | 15 | 21375 | 36 | #0   | QPSK  | 21.3  | 1.64 | 22.94 | 33 | PASS |
| Band7 | 15 | 21375 | 36 | #Mid | QPSK  | 21.32 | 1.64 | 22.96 | 33 | PASS |
| Band7 | 15 | 21375 | 36 | #Max | QPSK  | 21.3  | 1.64 | 22.94 | 33 | PASS |
| Band7 | 15 | 21375 | 75 | #0   | QPSK  | 21.26 | 1.64 | 22.9  | 33 | PASS |
| Band7 | 15 | 21375 | 1  | #0   | QAM16 | 21.46 | 1.64 | 23.1  | 33 | PASS |
| Band7 | 15 | 21375 | 1  | #Mid | QAM16 | 21.47 | 1.64 | 23.11 | 33 | PASS |
| Band7 | 15 | 21375 | 1  | #Max | QAM16 | 21.54 | 1.64 | 23.18 | 33 | PASS |
| Band7 | 15 | 21375 | 36 | #0   | QAM16 | 20.38 | 1.64 | 22.02 | 33 | PASS |
| Band7 | 15 | 21375 | 36 | #Mid | QAM16 | 20.36 | 1.64 | 22    | 33 | PASS |
| Band7 | 15 | 21375 | 36 | #Max | QAM16 | 20.36 | 1.64 | 22    | 33 | PASS |
| Band7 | 15 | 21375 | 75 | #0   | QAM16 | 20.43 | 1.64 | 22.07 | 33 | PASS |
| Band7 | 20 | 20850 | 1  | #0   | QPSK  | 21.63 | 1.64 | 23.27 | 33 | PASS |
| Band7 | 20 | 20850 | 1  | #Mid | QPSK  | 21.85 | 1.64 | 23.49 | 33 | PASS |
| Band7 | 20 | 20850 | 1  | #Max | QPSK  | 21.97 | 1.64 | 23.61 | 33 | PASS |

|       |    |       |     |      |       |       |      |       |    |      |
|-------|----|-------|-----|------|-------|-------|------|-------|----|------|
| Band7 | 20 | 20850 | 50  | #0   | QPSK  | 20.89 | 1.64 | 22.53 | 33 | PASS |
| Band7 | 20 | 20850 | 50  | #Mid | QPSK  | 20.96 | 1.64 | 22.6  | 33 | PASS |
| Band7 | 20 | 20850 | 50  | #Max | QPSK  | 20.98 | 1.64 | 22.62 | 33 | PASS |
| Band7 | 20 | 20850 | 100 | #0   | QPSK  | 20.99 | 1.64 | 22.63 | 33 | PASS |
| Band7 | 20 | 20850 | 1   | #0   | QAM16 | 21.25 | 1.64 | 22.89 | 33 | PASS |
| Band7 | 20 | 20850 | 1   | #Mid | QAM16 | 21.39 | 1.64 | 23.03 | 33 | PASS |
| Band7 | 20 | 20850 | 1   | #Max | QAM16 | 21.36 | 1.64 | 23    | 33 | PASS |
| Band7 | 20 | 20850 | 50  | #0   | QAM16 | 20.09 | 1.64 | 21.73 | 33 | PASS |
| Band7 | 20 | 20850 | 50  | #Mid | QAM16 | 20.13 | 1.64 | 21.77 | 33 | PASS |
| Band7 | 20 | 20850 | 50  | #Max | QAM16 | 20.13 | 1.64 | 21.77 | 33 | PASS |
| Band7 | 20 | 20850 | 100 | #0   | QAM16 | 20.08 | 1.64 | 21.72 | 33 | PASS |
| Band7 | 20 | 21100 | 1   | #0   | QPSK  | 22.08 | 1.64 | 23.72 | 33 | PASS |
| Band7 | 20 | 21100 | 1   | #Mid | QPSK  | 22.16 | 1.64 | 23.8  | 33 | PASS |
| Band7 | 20 | 21100 | 1   | #Max | QPSK  | 22.1  | 1.64 | 23.74 | 33 | PASS |
| Band7 | 20 | 21100 | 50  | #0   | QPSK  | 21.18 | 1.64 | 22.82 | 33 | PASS |
| Band7 | 20 | 21100 | 50  | #Mid | QPSK  | 21.22 | 1.64 | 22.86 | 33 | PASS |
| Band7 | 20 | 21100 | 50  | #Max | QPSK  | 21.18 | 1.64 | 22.82 | 33 | PASS |
| Band7 | 20 | 21100 | 100 | #0   | QPSK  | 21.15 | 1.64 | 22.79 | 33 | PASS |
| Band7 | 20 | 21100 | 1   | #0   | QAM16 | 21.37 | 1.64 | 23.01 | 33 | PASS |
| Band7 | 20 | 21100 | 1   | #Mid | QAM16 | 21.57 | 1.64 | 23.21 | 33 | PASS |
| Band7 | 20 | 21100 | 1   | #Max | QAM16 | 21.63 | 1.64 | 23.27 | 33 | PASS |
| Band7 | 20 | 21100 | 50  | #0   | QAM16 | 20.26 | 1.64 | 21.9  | 33 | PASS |
| Band7 | 20 | 21100 | 50  | #Mid | QAM16 | 20.33 | 1.64 | 21.97 | 33 | PASS |
| Band7 | 20 | 21100 | 50  | #Max | QAM16 | 20.29 | 1.64 | 21.93 | 33 | PASS |
| Band7 | 20 | 21100 | 100 | #0   | QAM16 | 20.27 | 1.64 | 21.91 | 33 | PASS |
| Band7 | 20 | 21350 | 1   | #0   | QPSK  | 22.19 | 1.64 | 23.83 | 33 | PASS |
| Band7 | 20 | 21350 | 1   | #Mid | QPSK  | 22.24 | 1.64 | 23.88 | 33 | PASS |
| Band7 | 20 | 21350 | 1   | #Max | QPSK  | 22.21 | 1.64 | 23.85 | 33 | PASS |
| Band7 | 20 | 21350 | 50  | #0   | QPSK  | 21.32 | 1.64 | 22.96 | 33 | PASS |
| Band7 | 20 | 21350 | 50  | #Mid | QPSK  | 21.36 | 1.64 | 23    | 33 | PASS |
| Band7 | 20 | 21350 | 50  | #Max | QPSK  | 21.37 | 1.64 | 23.01 | 33 | PASS |
| Band7 | 20 | 21350 | 100 | #0   | QPSK  | 21.36 | 1.64 | 23    | 33 | PASS |
| Band7 | 20 | 21350 | 1   | #0   | QAM16 | 21.78 | 1.64 | 23.42 | 33 | PASS |
| Band7 | 20 | 21350 | 1   | #Mid | QAM16 | 21.73 | 1.64 | 23.37 | 33 | PASS |
| Band7 | 20 | 21350 | 1   | #Max | QAM16 | 21.74 | 1.64 | 23.38 | 33 | PASS |
| Band7 | 20 | 21350 | 50  | #0   | QAM16 | 20.55 | 1.64 | 22.19 | 33 | PASS |
| Band7 | 20 | 21350 | 50  | #Mid | QAM16 | 20.56 | 1.64 | 22.2  | 33 | PASS |
| Band7 | 20 | 21350 | 50  | #Max | QAM16 | 20.54 | 1.64 | 22.18 | 33 | PASS |
| Band7 | 20 | 21350 | 100 | #0   | QAM16 | 20.47 | 1.64 | 22.11 | 33 | PASS |

## 2 Frequency stability

### 2.1 Frequency VS Voltage

| Band  | Bandwidth (MHz) | Voltage | Temp (℃) | UL Channel | RB Size | RB Position | Modulation | Result(Hz) | Result (ppm) | Limit (ppm) | Verdict |
|-------|-----------------|---------|----------|------------|---------|-------------|------------|------------|--------------|-------------|---------|
| Band7 | 20              | LV      | NT       | 20850      | 100     | #0          | QPSK       | 7.28       | 0.003        | ±2.5        | PASS    |
| Band7 | 20              | NV      | NT       | 20850      | 100     | #0          | QPSK       | 3.36       | 0.001        | ±2.5        | PASS    |
| Band7 | 20              | HV      | NT       | 20850      | 100     | #0          | QPSK       | 2.17       | 0.001        | ±2.5        | PASS    |
| Band7 | 20              | LV      | NT       | 21100      | 100     | #0          | QPSK       | 5.56       | 0.002        | ±2.5        | PASS    |
| Band7 | 20              | NV      | NT       | 21100      | 100     | #0          | QPSK       | 0.49       | 0.000        | ±2.5        | PASS    |
| Band7 | 20              | HV      | NT       | 21100      | 100     | #0          | QPSK       | -0.95      | 0.000        | ±2.5        | PASS    |
| Band7 | 20              | LV      | NT       | 21350      | 100     | #0          | QPSK       | -1.27      | -0.002       | ±2.5        | PASS    |
| Band7 | 20              | NV      | NT       | 21350      | 100     | #0          | QPSK       | -1.17      | -0.002       | ±2.5        | PASS    |
| Band7 | 20              | HV      | NT       | 21350      | 100     | #0          | QPSK       | 3.93       | 0.006        | ±2.5        | PASS    |
| Band7 | 20              | LV      | NT       | 20850      | 100     | #0          | QAM16      | -2.00      | -0.003       | ±2.5        | PASS    |
| Band7 | 20              | NV      | NT       | 20850      | 100     | #0          | QAM16      | -5.62      | -0.007       | ±2.5        | PASS    |
| Band7 | 20              | HV      | NT       | 20850      | 100     | #0          | QAM16      | -0.70      | -0.001       | ±2.5        | PASS    |
| Band7 | 20              | LV      | NT       | 21100      | 100     | #0          | QAM16      | -3.83      | -0.005       | ±2.5        | PASS    |
| Band7 | 20              | NV      | NT       | 21100      | 100     | #0          | QAM16      | 4.17       | 0.006        | ±2.5        | PASS    |
| Band7 | 20              | HV      | NT       | 21100      | 100     | #0          | QAM16      | 0.43       | 0.001        | ±2.5        | PASS    |
| Band7 | 20              | LV      | NT       | 21350      | 100     | #0          | QAM16      | -3.66      | -0.005       | ±2.5        | PASS    |
| Band7 | 20              | NV      | NT       | 21350      | 100     | #0          | QAM16      | -3.76      | -0.005       | ±2.5        | PASS    |
| Band7 | 20              | HV      | NT       | 21350      | 100     | #0          | QAM16      | -2.05      | -0.001       | ±2.5        | PASS    |

### 2.2 .Frequency Vs Temperature

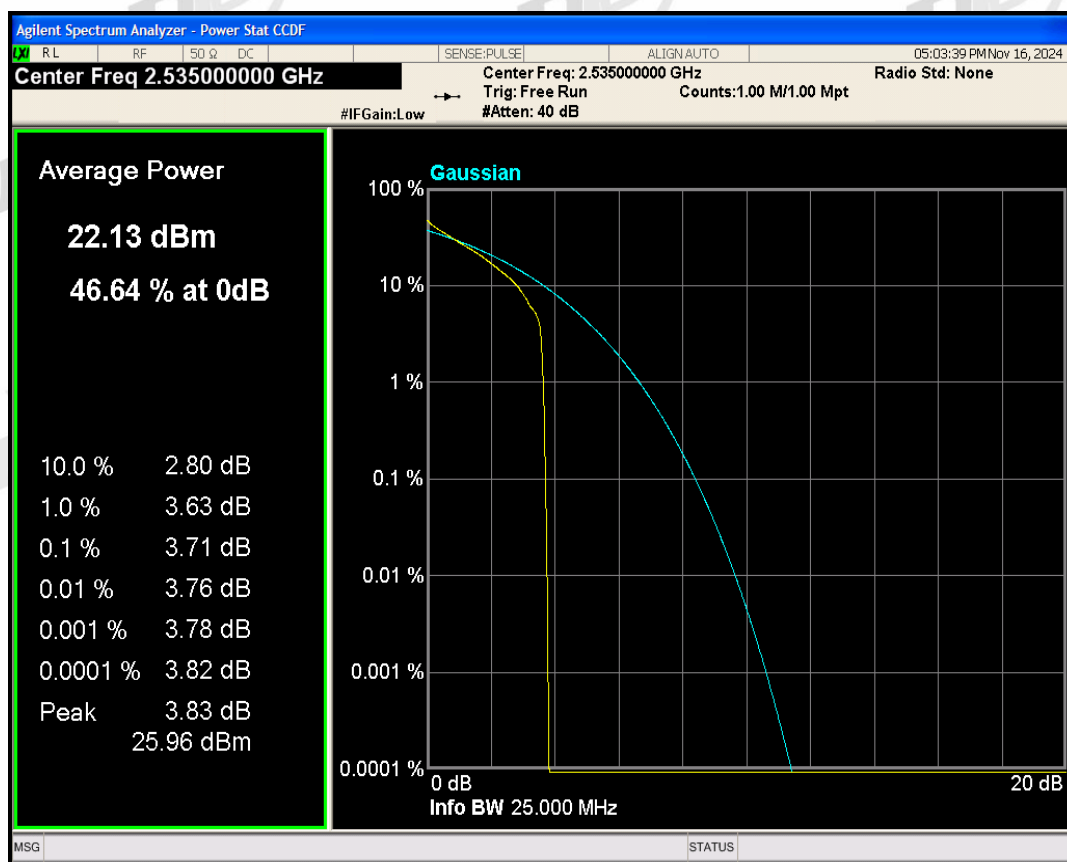
| Band  | Bandwidth (MHz) | Voltage | Temp (℃) | UL Channel | RB Size | RB Position | Modulation | Result(Hz) | Result (ppm) | Limit (ppm) | Verdict |
|-------|-----------------|---------|----------|------------|---------|-------------|------------|------------|--------------|-------------|---------|
| Band2 | 20              | NV      | -30      | 20850      | 100     | #0          | QPSK       | -1.84      | -0.001       | ±2.5        | PASS    |
| Band2 | 20              | NV      | -20      | 20850      | 100     | #0          | QPSK       | 11.90      | 0.004        | ±2.5        | PASS    |
| Band2 | 20              | NV      | 0        | 20850      | 100     | #0          | QPSK       | 8.42       | 0.003        | ±2.5        | PASS    |
| Band2 | 20              | NV      | 10       | 20850      | 100     | #0          | QPSK       | -3.80      | -0.005       | ±2.5        | PASS    |
| Band2 | 20              | NV      | 20       | 20850      | 100     | #0          | QPSK       | -4.06      | -0.005       | ±2.5        | PASS    |
| Band2 | 20              | NV      | 30       | 20850      | 100     | #0          | QPSK       | -2.67      | -0.003       | ±2.5        | PASS    |
| Band2 | 20              | NV      | 40       | 20850      | 100     | #0          | QPSK       | -4.70      | -0.006       | ±2.5        | PASS    |
| Band2 | 20              | NV      | 50       | 20850      | 100     | #0          | QPSK       | -3.84      | -0.005       | ±2.5        | PASS    |
| Band2 | 20              | NV      | -30      | 21100      | 100     | #0          | QPSK       | -6.19      | -0.007       | ±2.5        | PASS    |
| Band2 | 20              | NV      | -20      | 21100      | 100     | #0          | QPSK       | -0.31      | 0.000        | ±2.5        | PASS    |
| Band2 | 20              | NV      | 0        | 21100      | 100     | #0          | QPSK       | -3.77      | -0.002       | ±2.5        | PASS    |
| Band2 | 20              | NV      | 10       | 21100      | 100     | #0          | QPSK       | -2.38      | -0.001       | ±2.5        | PASS    |
| Band2 | 20              | NV      | 20       | 21100      | 100     | #0          | QPSK       | -4.95      | -0.002       | ±2.5        | PASS    |
| Band2 | 20              | NV      | 30       | 21100      | 100     | #0          | QPSK       | 9.23       | 0.004        | ±2.5        | PASS    |
| Band2 | 20              | NV      | 40       | 21100      | 100     | #0          | QPSK       | 3.42       | 0.005        | ±2.5        | PASS    |
| Band2 | 20              | NV      | 50       | 21100      | 100     | #0          | QPSK       | -0.82      | -0.001       | ±2.5        | PASS    |
| Band2 | 20              | NV      | -30      | 21350      | 100     | #0          | QPSK       | -6.56      | -0.009       | ±2.5        | PASS    |
| Band2 | 20              | NV      | -20      | 21350      | 100     | #0          | QPSK       | -1.27      | -0.002       | ±2.5        | PASS    |
| Band2 | 20              | NV      | 0        | 21350      | 100     | #0          | QPSK       | -1.17      | -0.002       | ±2.5        | PASS    |

|       |    |    |     |       |     |    |       |        |        |      |      |
|-------|----|----|-----|-------|-----|----|-------|--------|--------|------|------|
| Band2 | 20 | NV | 10  | 21350 | 100 | #0 | QPSK  | 3.93   | 0.006  | ±2.5 | PASS |
| Band2 | 20 | NV | 20  | 21350 | 100 | #0 | QPSK  | -2.00  | -0.003 | ±2.5 | PASS |
| Band2 | 20 | NV | 30  | 21350 | 100 | #0 | QPSK  | -5.62  | -0.007 | ±2.5 | PASS |
| Band2 | 20 | NV | 40  | 21350 | 100 | #0 | QPSK  | -0.70  | -0.001 | ±2.5 | PASS |
| Band2 | 20 | NV | 50  | 21350 | 100 | #0 | QPSK  | -3.83  | -0.005 | ±2.5 | PASS |
| Band2 | 20 | NV | -30 | 20850 | 100 | #0 | 16QAM | 4.17   | 0.006  | ±2.5 | PASS |
| Band2 | 20 | NV | -20 | 20850 | 100 | #0 | 16QAM | 0.43   | 0.001  | ±2.5 | PASS |
| Band2 | 20 | NV | 0   | 20850 | 100 | #0 | 16QAM | -3.66  | -0.005 | ±2.5 | PASS |
| Band2 | 20 | NV | 10  | 20850 | 100 | #0 | 16QAM | -3.76  | -0.005 | ±2.5 | PASS |
| Band2 | 20 | NV | 20  | 20850 | 100 | #0 | 16QAM | -2.05  | -0.001 | ±2.5 | PASS |
| Band2 | 20 | NV | 30  | 20850 | 100 | #0 | 16QAM | -10.10 | -0.005 | ±2.5 | PASS |
| Band2 | 20 | NV | 40  | 20850 | 100 | #0 | 16QAM | 11.43  | 0.006  | ±2.5 | PASS |
| Band2 | 20 | NV | 50  | 20850 | 100 | #0 | 16QAM | 11.60  | 0.006  | ±2.5 | PASS |
| Band2 | 20 | NV | -30 | 21100 | 100 | #0 | 16QAM | -0.70  | 0.000  | ±2.5 | PASS |
| Band2 | 20 | NV | -20 | 21100 | 100 | #0 | 16QAM | -6.14  | -0.003 | ±2.5 | PASS |
| Band2 | 20 | NV | 0   | 21100 | 100 | #0 | 16QAM | -3.50  | -0.001 | ±2.5 | PASS |
| Band2 | 20 | NV | 10  | 21100 | 100 | #0 | 16QAM | -0.12  | 0.000  | ±2.5 | PASS |
| Band2 | 20 | NV | 20  | 21100 | 100 | #0 | 16QAM | -5.64  | -0.002 | ±2.5 | PASS |
| Band2 | 20 | NV | 30  | 21100 | 100 | #0 | 16QAM | -6.35  | -0.002 | ±2.5 | PASS |
| Band2 | 20 | NV | 40  | 21100 | 100 | #0 | 16QAM | 3.08   | 0.001  | ±2.5 | PASS |
| Band2 | 20 | NV | 50  | 21100 | 100 | #0 | 16QAM | -1.38  | -0.001 | ±2.5 | PASS |
| Band2 | 20 | NV | -30 | 21350 | 100 | #0 | 16QAM | -10.94 | -0.006 | ±2.5 | PASS |
| Band2 | 20 | NV | -20 | 21350 | 100 | #0 | 16QAM | 0.28   | 0.000  | ±2.5 | PASS |
| Band2 | 20 | NV | 0   | 21350 | 100 | #0 | 16QAM | 4.42   | 0.003  | ±2.5 | PASS |
| Band2 | 20 | NV | 10  | 21350 | 100 | #0 | 16QAM | -4.18  | -0.002 | ±2.5 | PASS |
| Band2 | 20 | NV | 20  | 21350 | 100 | #0 | 16QAM | 4.27   | 0.002  | ±2.5 | PASS |
| Band2 | 20 | NV | 30  | 21350 | 100 | #0 | 16QAM | -3.37  | -0.002 | ±2.5 | PASS |
| Band2 | 20 | NV | 40  | 21350 | 100 | #0 | 16QAM | -3.34  | -0.001 | ±2.5 | PASS |
| Band2 | 20 | NV | 50  | 21350 | 100 | #0 | 16QAM | -1.93  | -0.001 | ±2.5 | PASS |

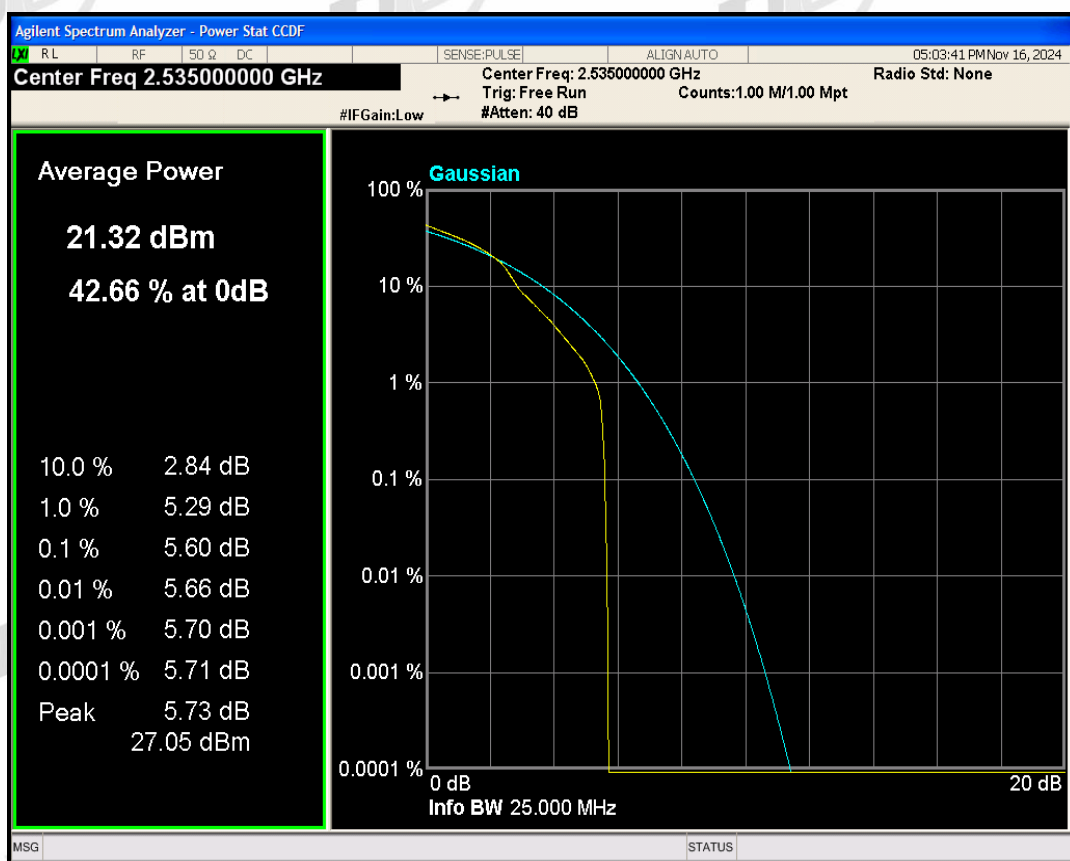
**3 Peak-to-Average Ratio**

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Result (dB) | high Limit (dB) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-------------|-----------------|---------|
| Band7 | 5               | 21100      | 1       | #0          | QPSK       | 3.71        | 13              | PASS    |
| Band7 | 5               | 21100      | 1       | #0          | QAM16      | 5.60        | 13              | PASS    |
| Band7 | 10              | 21100      | 1       | #0          | QPSK       | 3.64        | 13              | PASS    |
| Band7 | 10              | 21100      | 1       | #0          | QAM16      | 5.45        | 13              | PASS    |
| Band7 | 15              | 21100      | 1       | #0          | QPSK       | 3.58        | 13              | PASS    |
| Band7 | 15              | 21100      | 1       | #0          | QAM16      | 5.51        | 13              | PASS    |
| Band7 | 20              | 21100      | 1       | #0          | QPSK       | 3.48        | 13              | PASS    |
| Band7 | 20              | 21100      | 1       | #0          | QAM16      | 5.26        | 13              | PASS    |

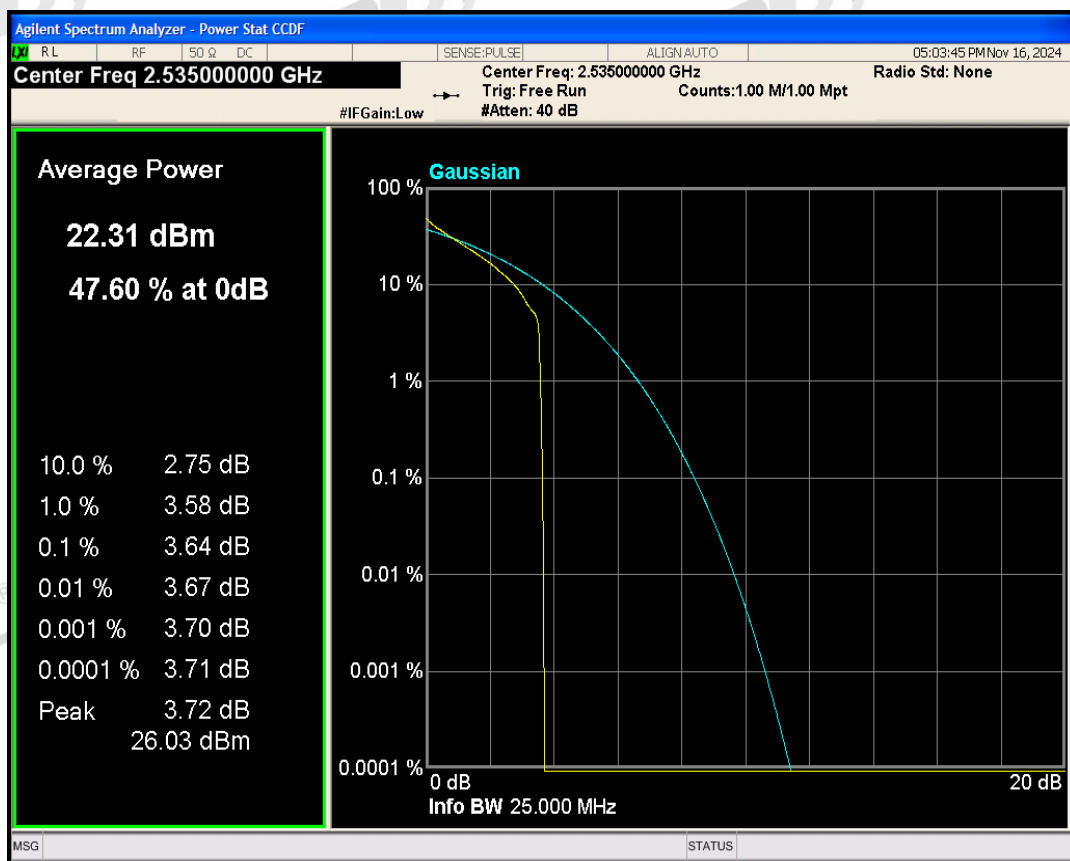
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



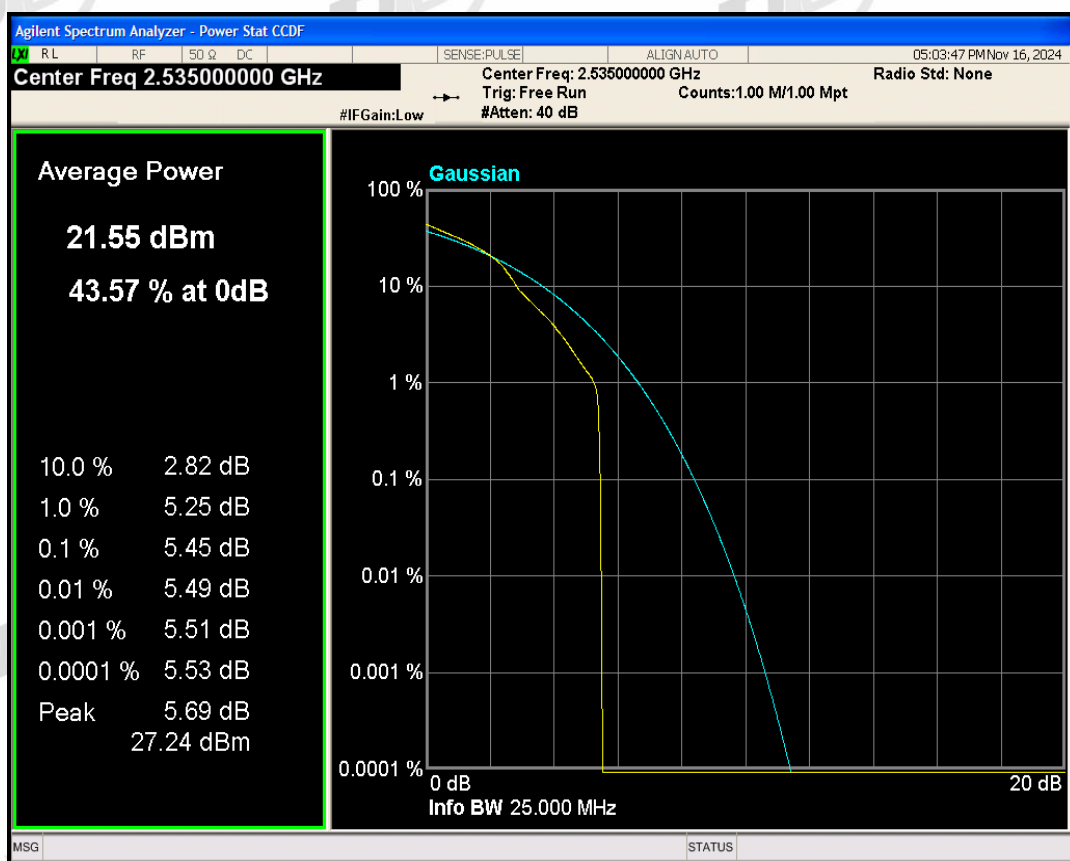
Band7 QAM16 BW=5MHz Channel=21100 RB Size=1 Position=#0



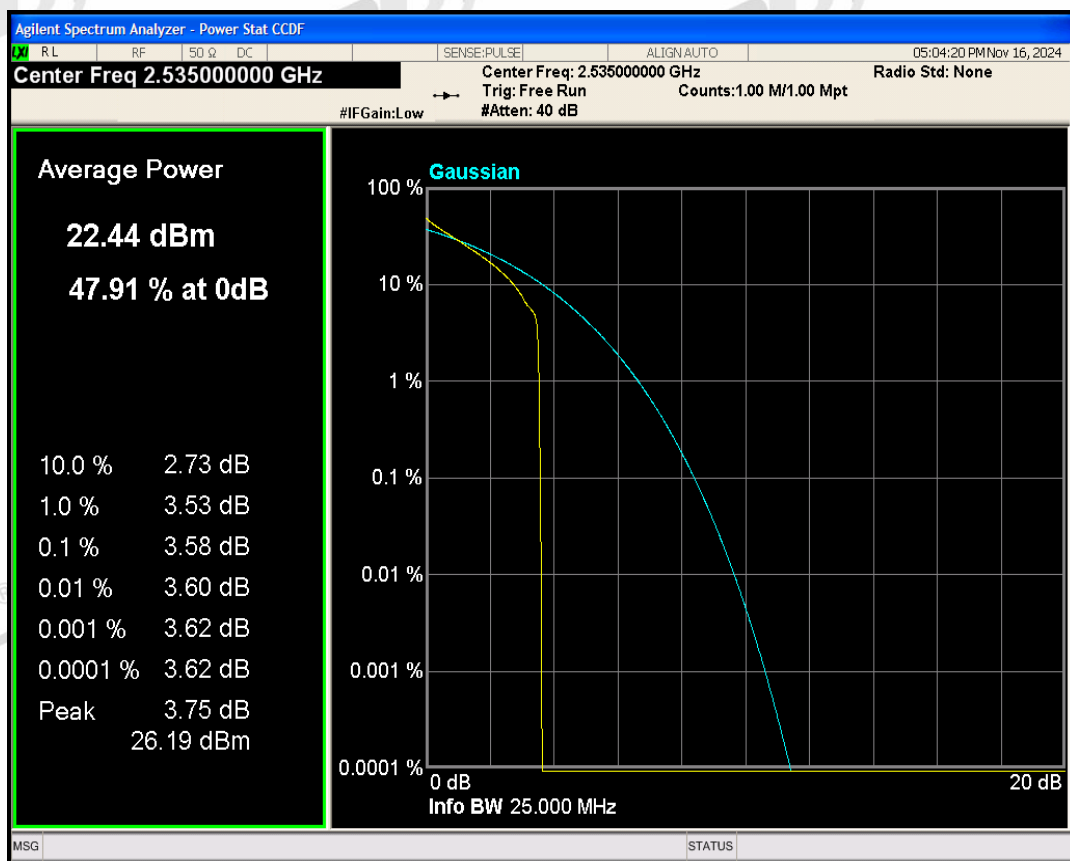
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



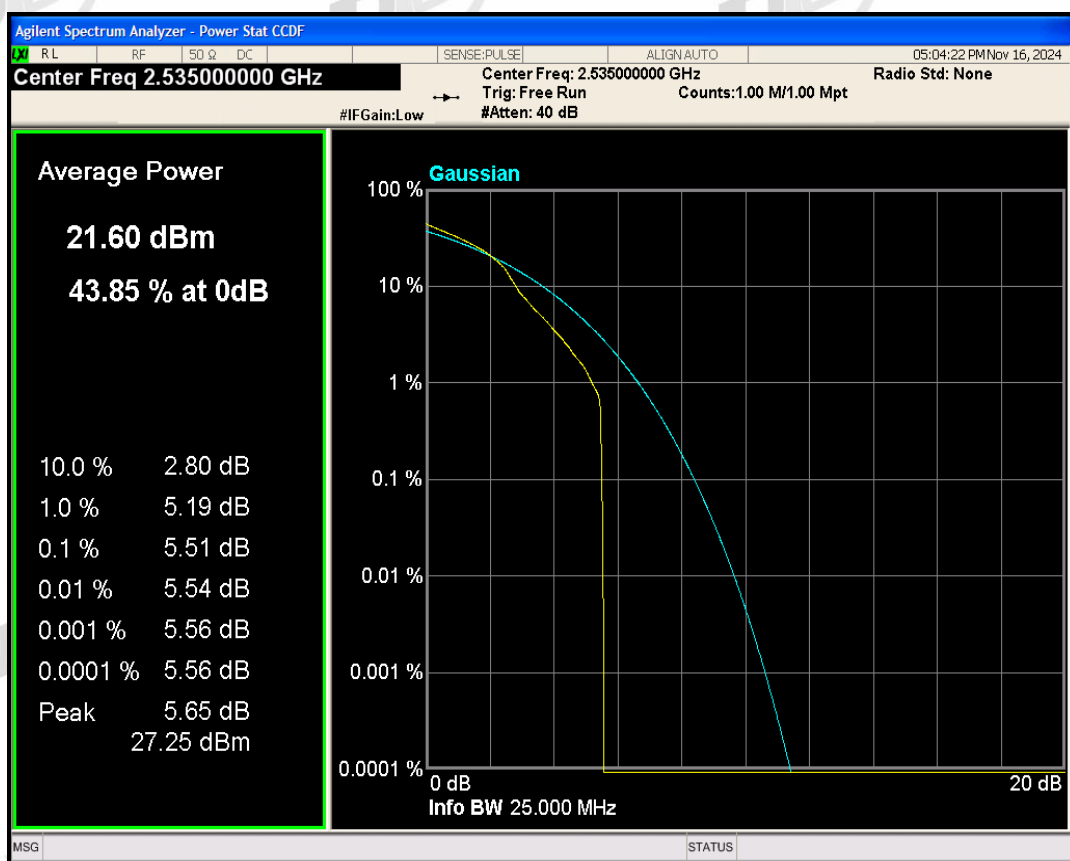
Band7 QAM16 BW=10MHz Channel=21100 RB Size=1 Position=#0



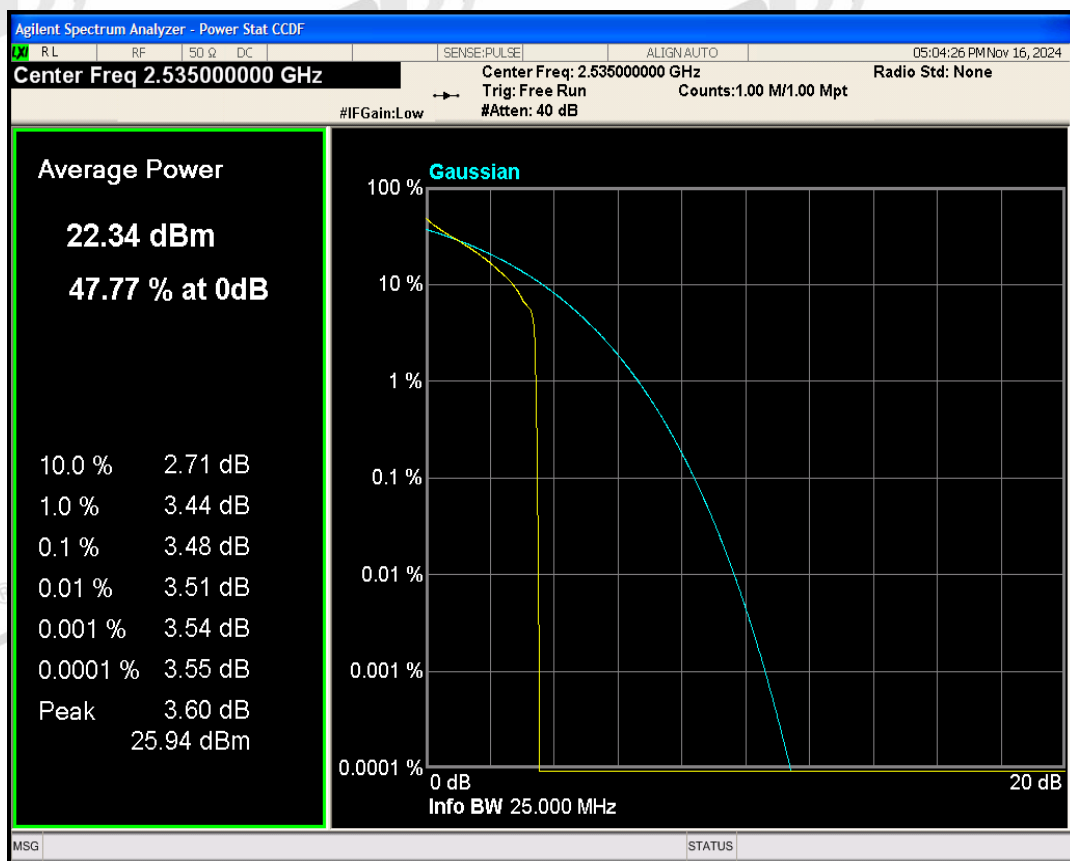
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



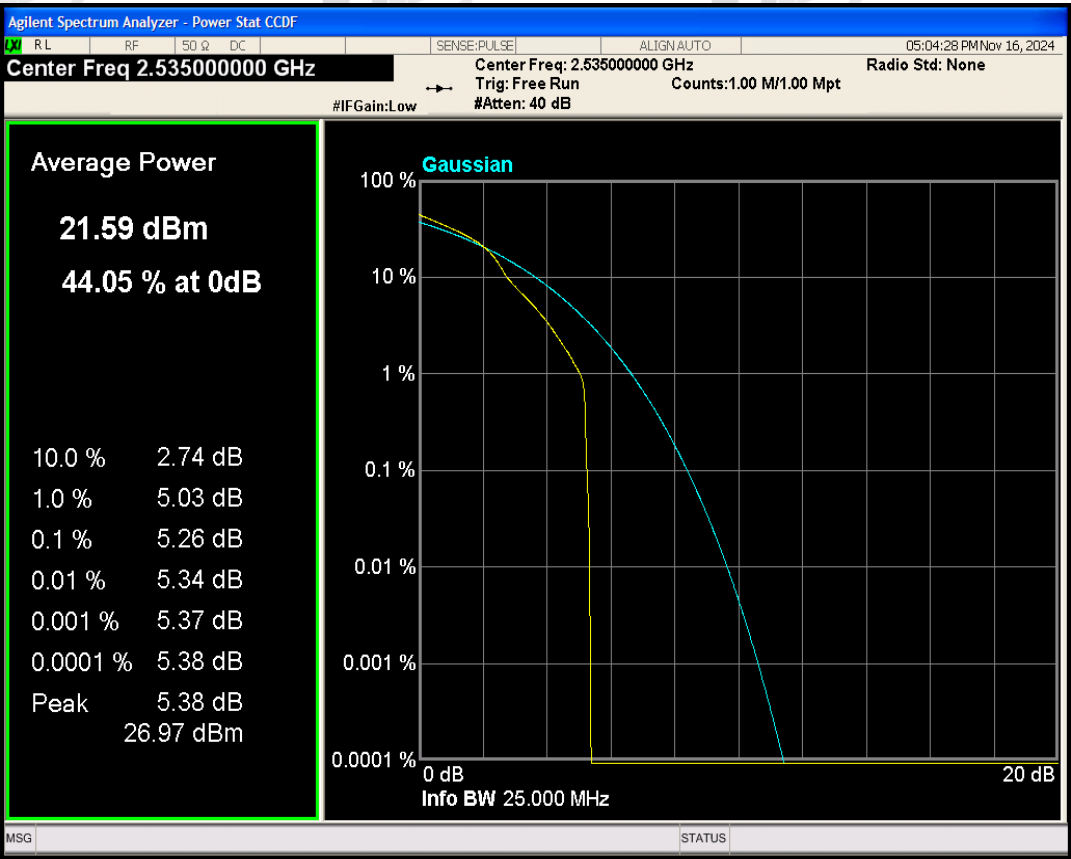
Band7 QAM16 BW=15MHz Channel=21100 RB Size=1 Position=#0



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



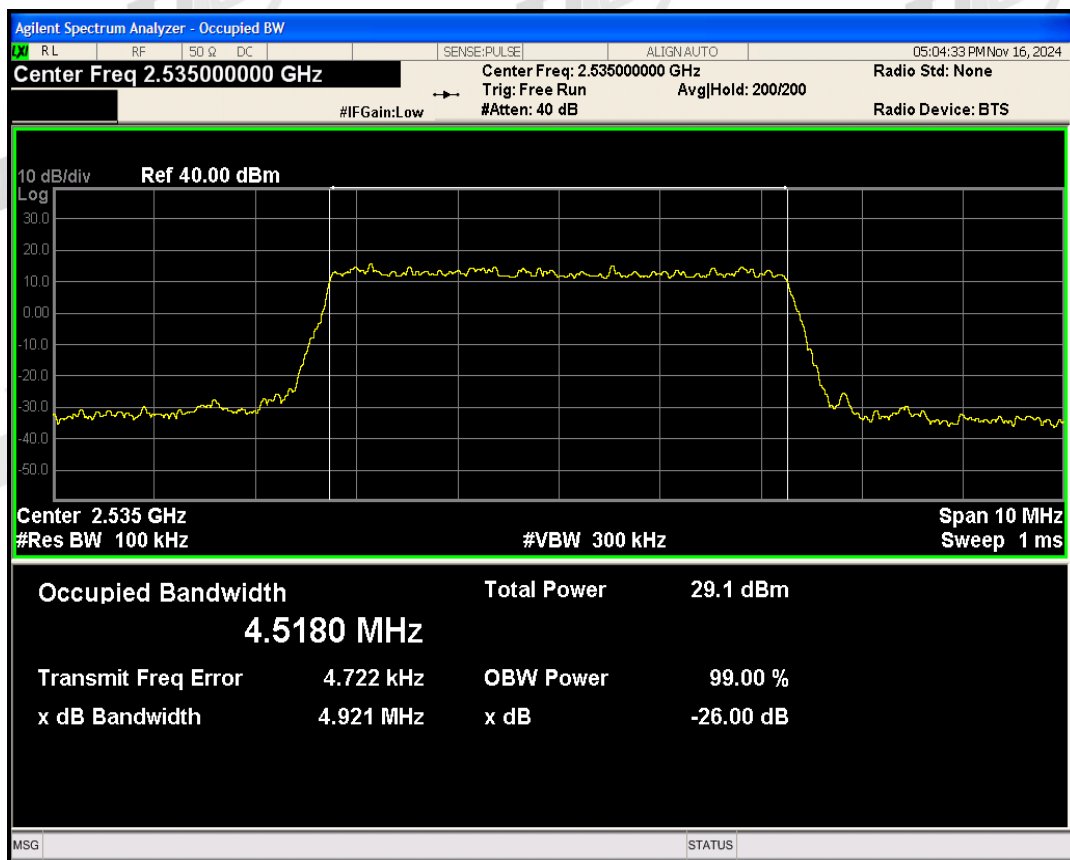
Band7 QAM16 BW=20MHz Channel=21100 RB Size=1 Position=#0



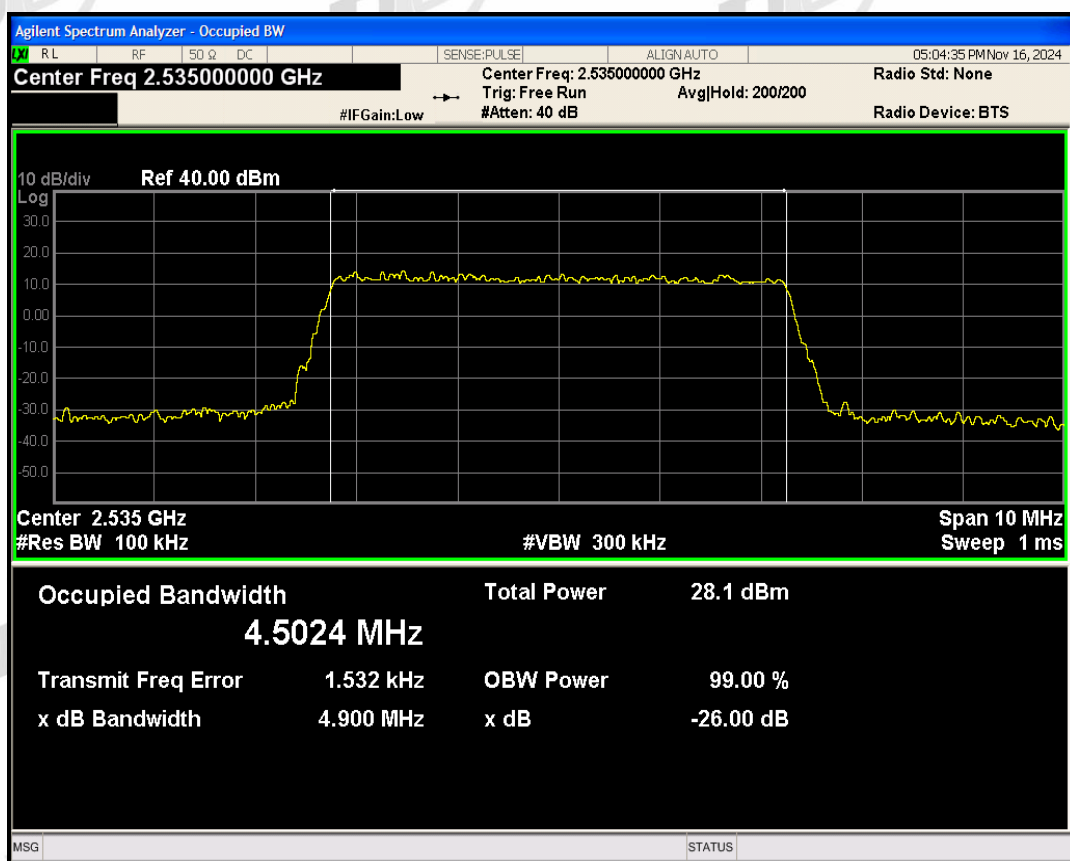
**4 Occupied bandwidth**

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|---------------|-----------------|---------|
| Band7 | 5               | 21100      | 25      | #0          | QPSK       | 4.518         | 4.921           | PASS    |
| Band7 | 5               | 21100      | 25      | #0          | QAM16      | 4.502         | 4.900           | PASS    |
| Band7 | 10              | 21100      | 50      | #0          | QPSK       | 8.991         | 9.784           | PASS    |
| Band7 | 10              | 21100      | 50      | #0          | QAM16      | 8.979         | 9.773           | PASS    |
| Band7 | 15              | 21100      | 75      | #0          | QPSK       | 13.467        | 14.442          | PASS    |
| Band7 | 15              | 21100      | 75      | #0          | QAM16      | 13.430        | 14.589          | PASS    |
| Band7 | 20              | 21100      | 100     | #0          | QPSK       | 17.939        | 19.257          | PASS    |
| Band7 | 20              | 21100      | 100     | #0          | QAM16      | 18.001        | 19.306          | PASS    |

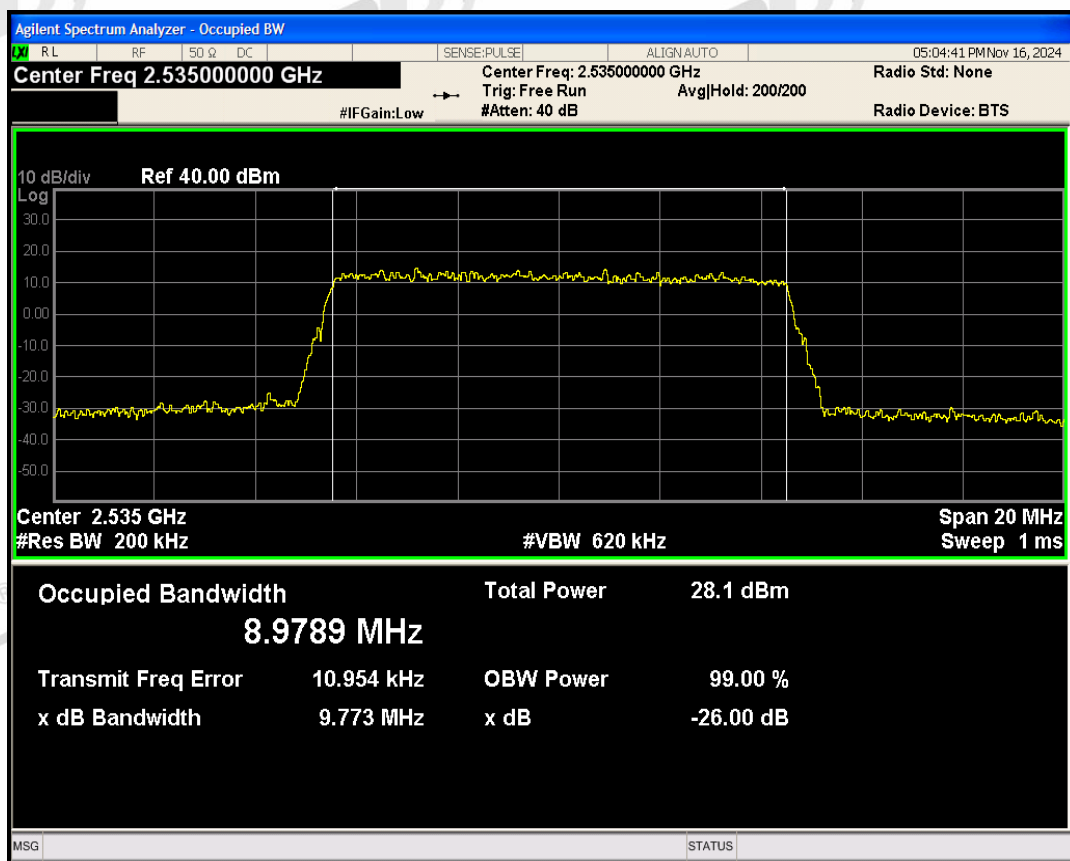
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



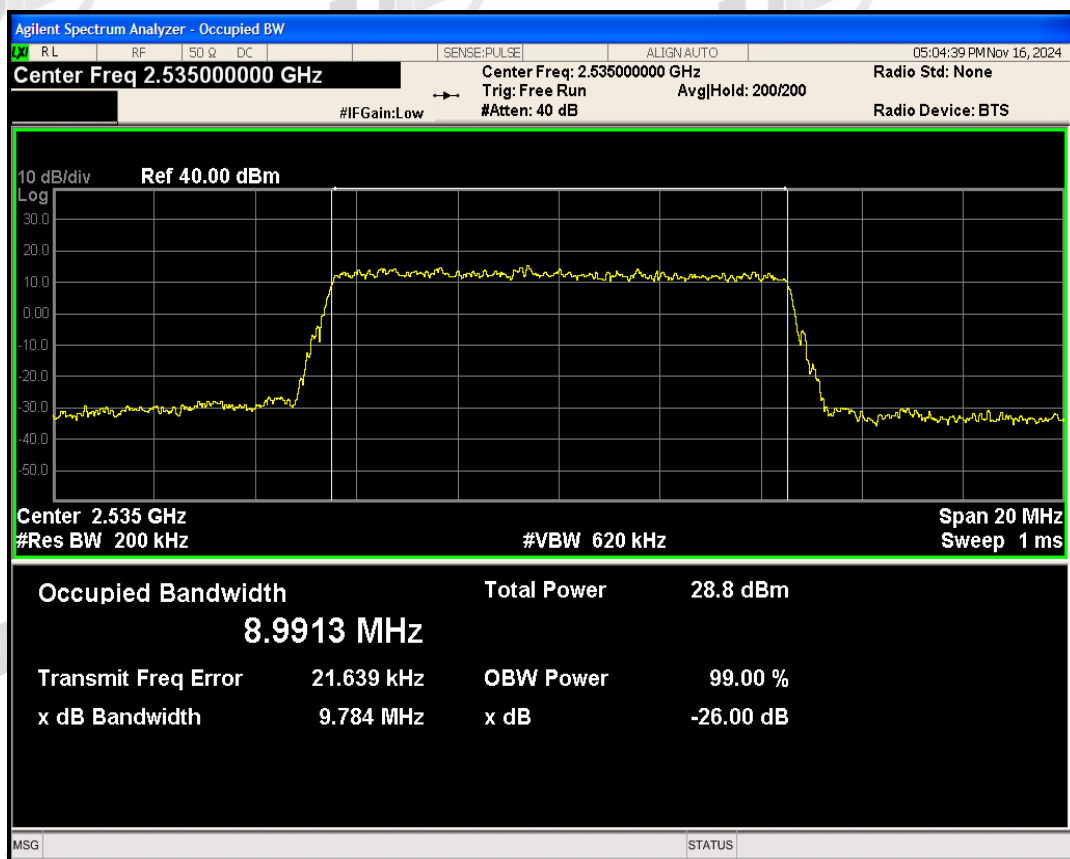
Band7 QAM16 BW=5MHz Channel=21100 RB Size=25 Position=#0



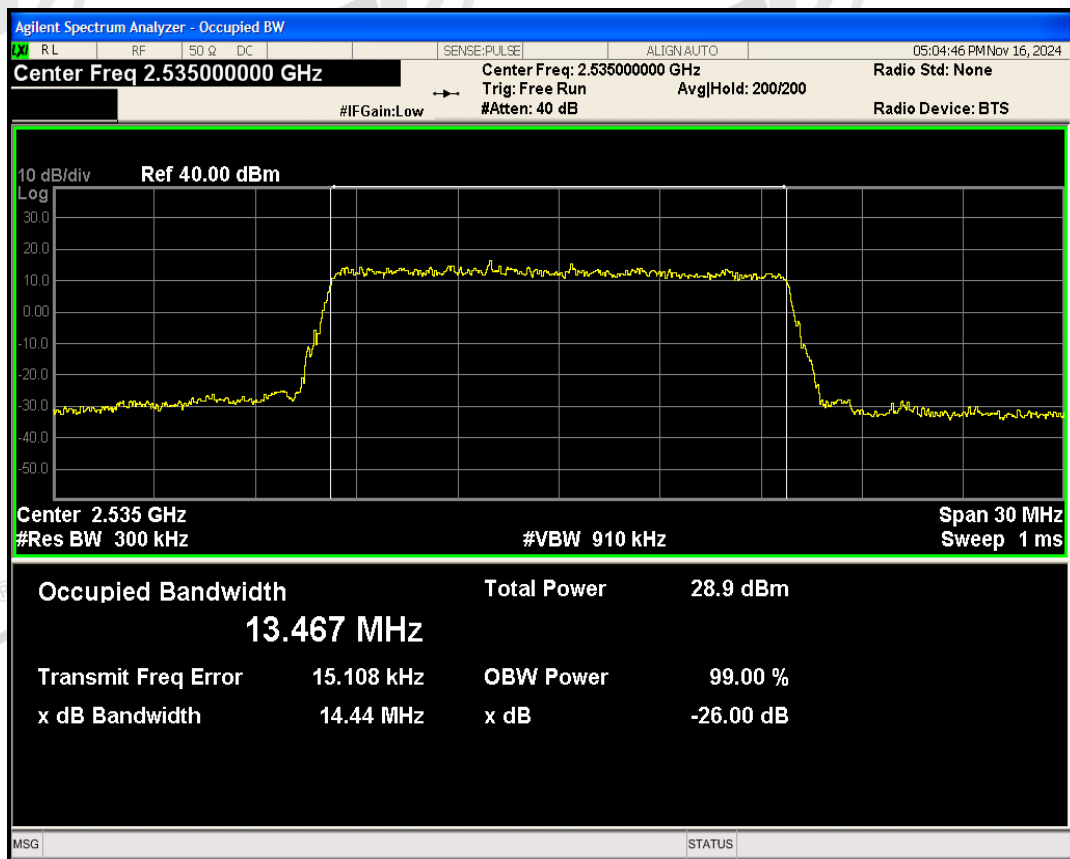
Band7 QAM16 BW=10MHz Channel=21100 RB Size=50 Position=#0



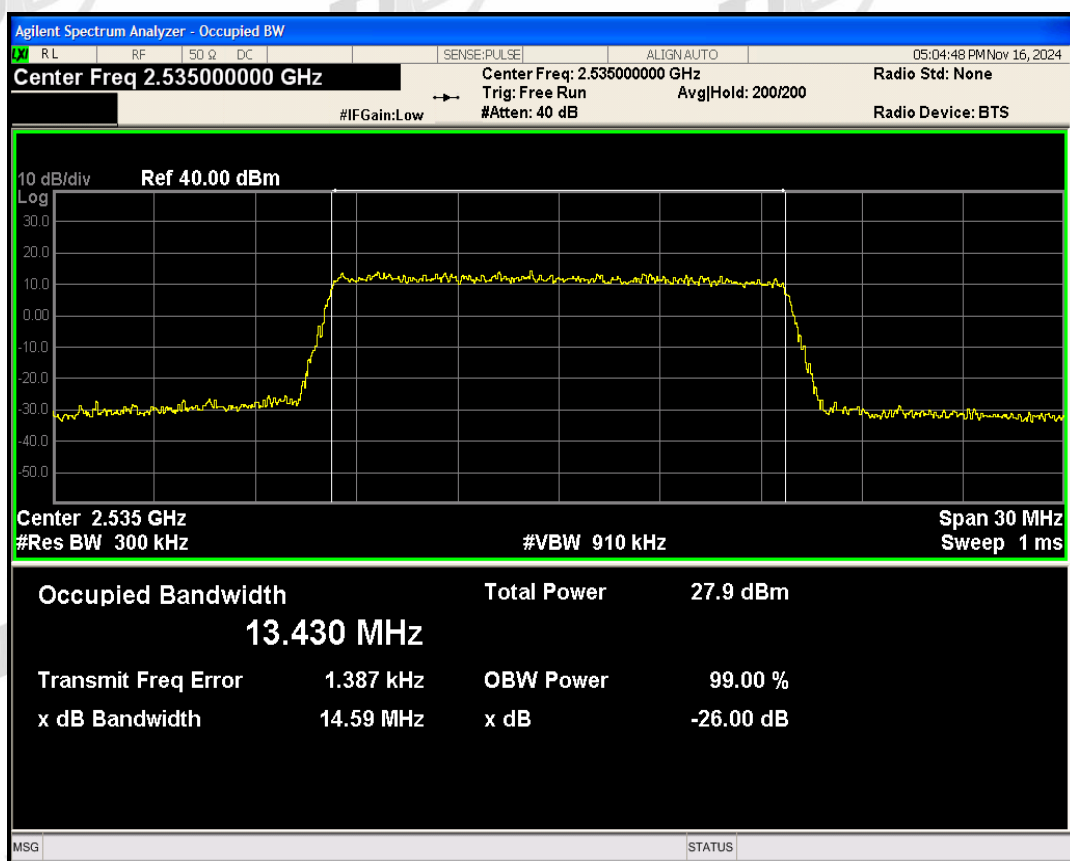
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



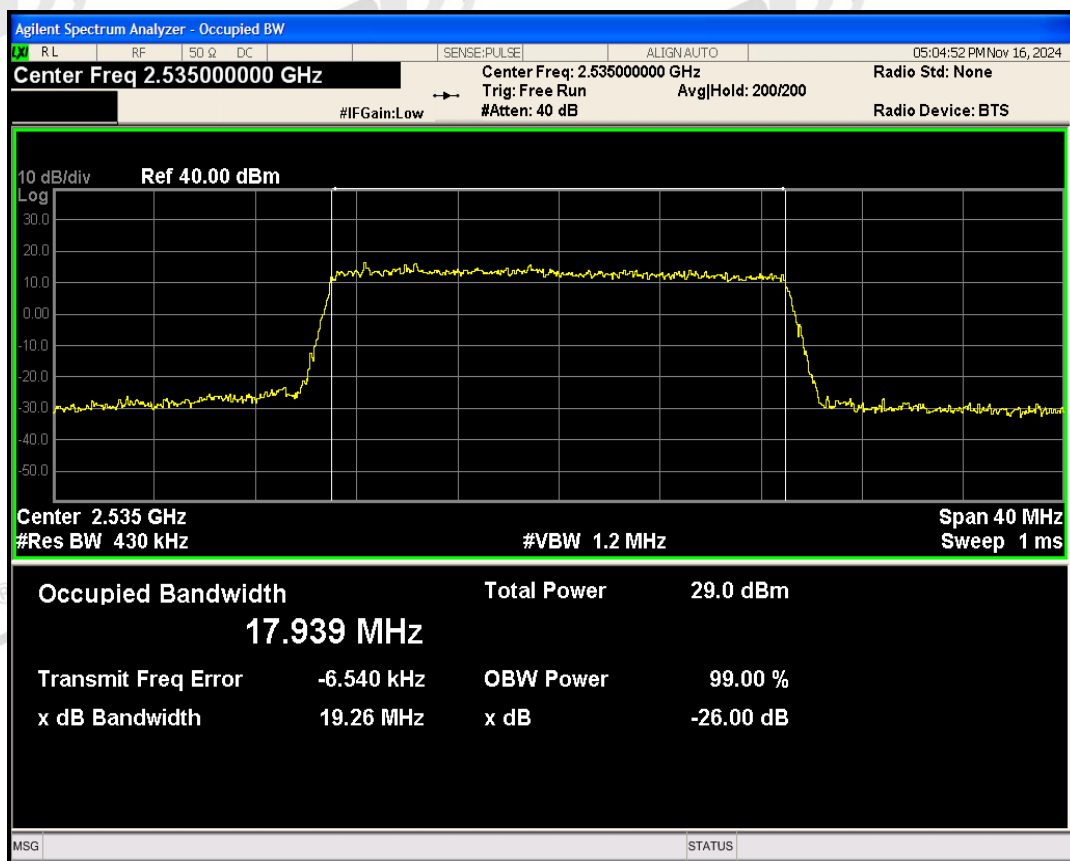
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



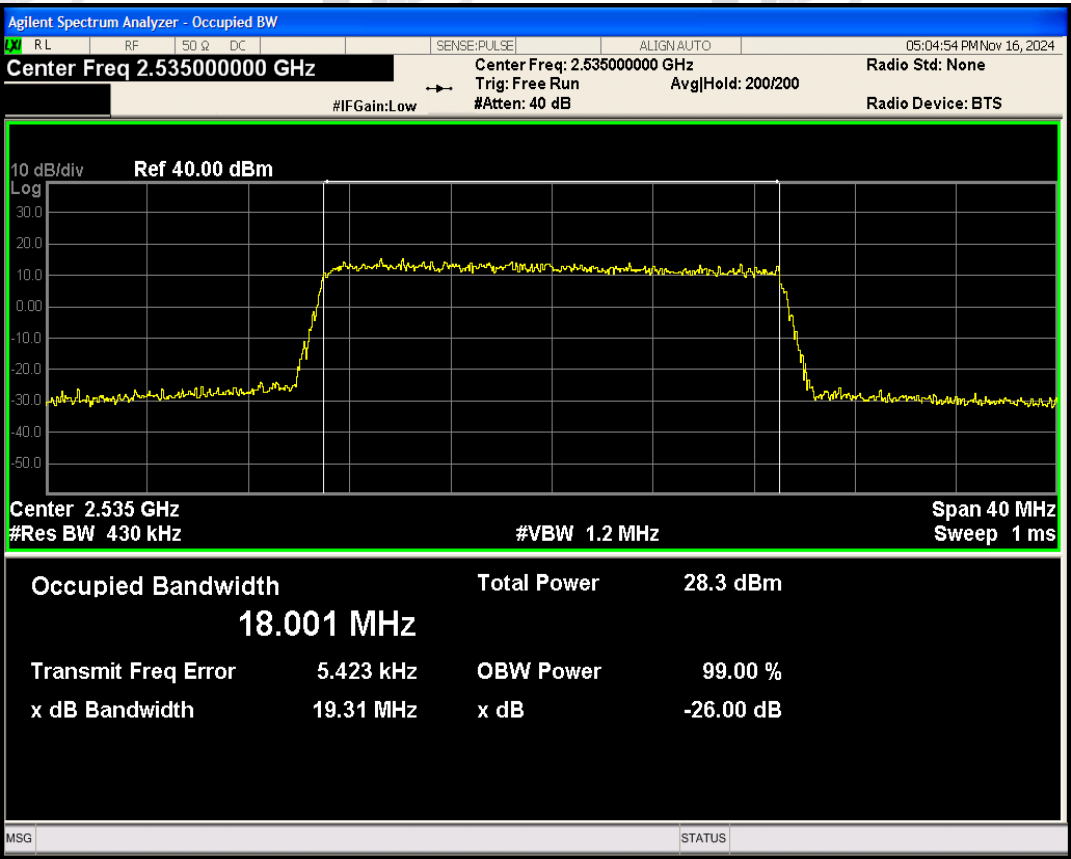
Band7 QAM16 BW=15MHz Channel=21100 RB Size=75 Position=#0



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



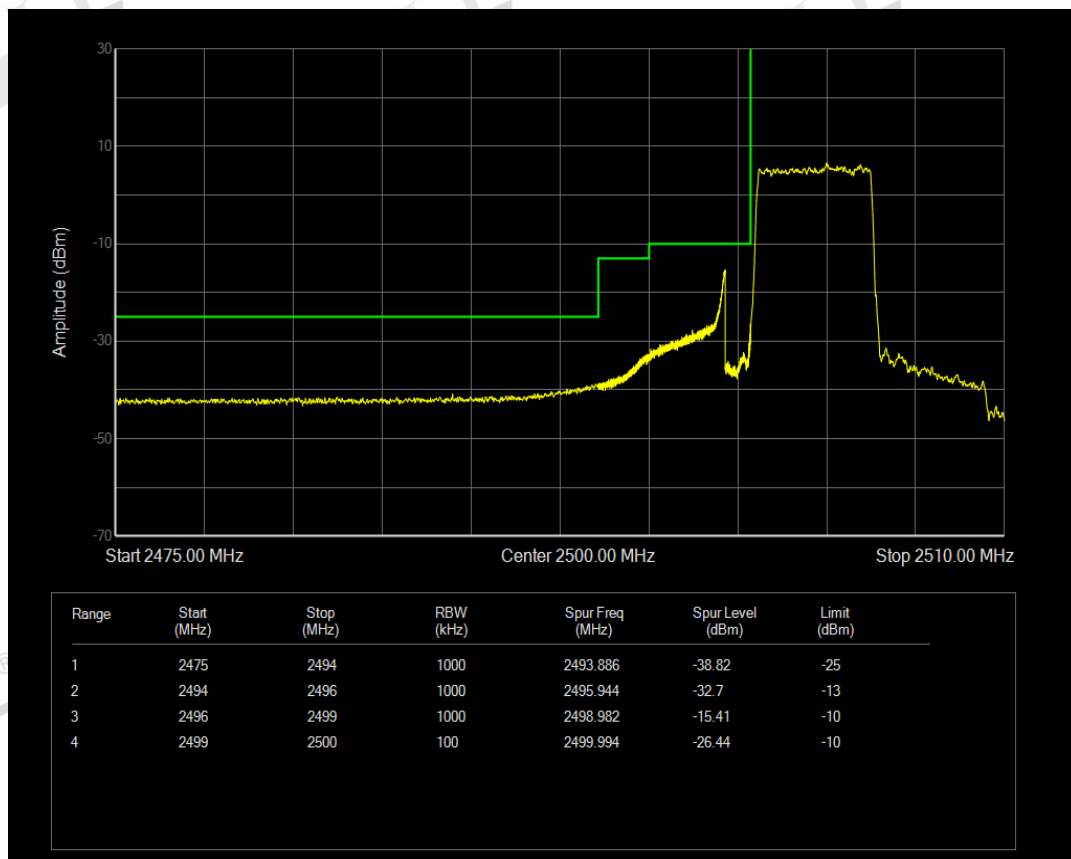
Band7 QAM16 BW=20MHz Channel=21100 RB Size=100 Position=#0



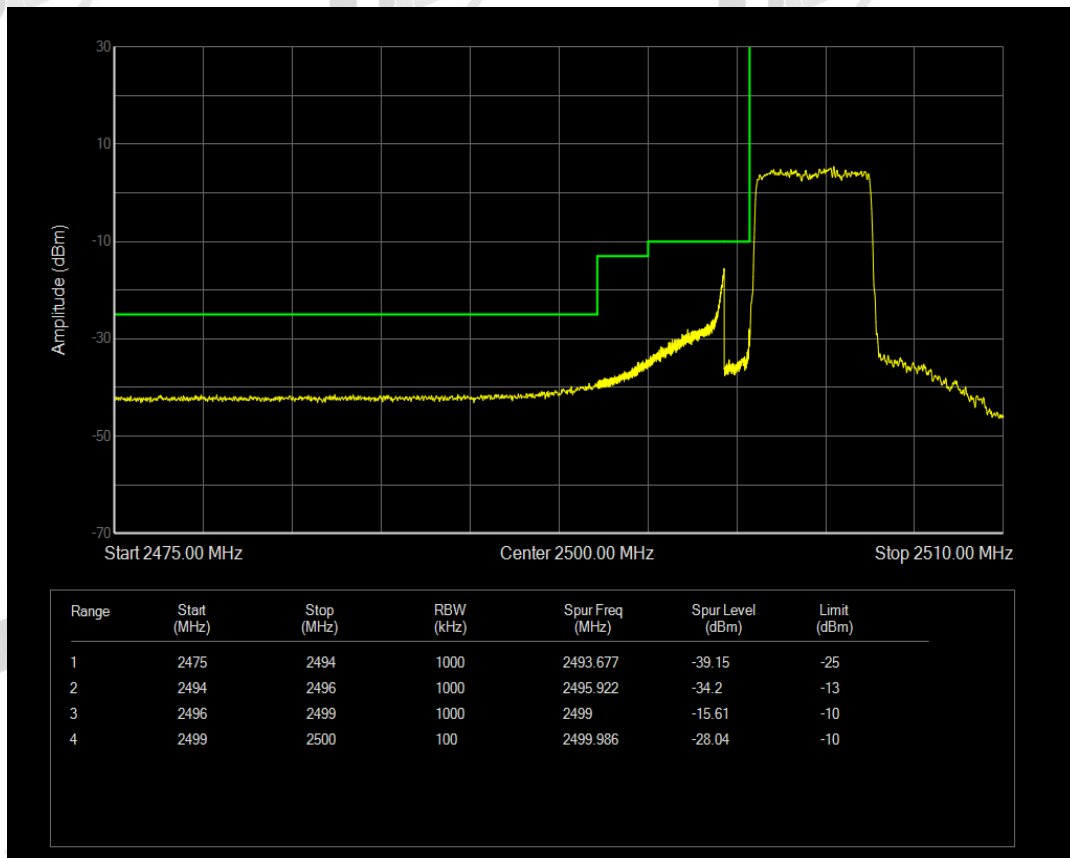
## 5 Band edge

| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Spur Freq<br>(MHz) | Spur Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|-------|--------------------|---------------|------------|----------------|------------|--------------------|---------------------|----------------|---------|
| Band7 | 5                  | 20775         | 25         | #0             | QPSK       | 2498.98            | -15.41              | -10            | PASS    |
| Band7 | 5                  | 20775         | 25         | #0             | QAM16      | 2499.00            | -15.61              | -10            | PASS    |
| Band7 | 5                  | 21425         | 25         | #0             | QPSK       | 2571.00            | -14.42              | -10            | PASS    |
| Band7 | 5                  | 21425         | 25         | #0             | QAM16      | 2571.00            | -15.75              | -10            | PASS    |
| Band7 | 10                 | 20800         | 50         | #0             | QPSK       | 2489.93            | -39.99              | -25            | PASS    |
| Band7 | 10                 | 20800         | 50         | #0             | QAM16      | 2489.88            | -40.02              | -25            | PASS    |
| Band7 | 10                 | 21400         | 50         | #0             | QPSK       | 2580.62            | -39.65              | -25            | PASS    |
| Band7 | 10                 | 21400         | 50         | #0             | QAM16      | 2580.12            | -39.08              | -25            | PASS    |
| Band7 | 15                 | 20825         | 75         | #0             | QPSK       | 2483.77            | -40.21              | -25            | PASS    |
| Band7 | 15                 | 20825         | 75         | #0             | QAM16      | 2484.80            | -40.27              | -25            | PASS    |
| Band7 | 15                 | 21375         | 75         | #0             | QPSK       | 2585.31            | -40.57              | -25            | PASS    |
| Band7 | 15                 | 21375         | 75         | #0             | QAM16      | 2585.27            | -40.26              | -25            | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | 2479.24            | -40.64              | -25            | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QAM16      | 2479.45            | -40.95              | -25            | PASS    |
| Band7 | 20                 | 21350         | 100        | #0             | QPSK       | 2590.12            | -40.94              | -25            | PASS    |
| Band7 | 20                 | 21350         | 100        | #0             | QAM16      | 2590.02            | -40.94              | -25            | PASS    |

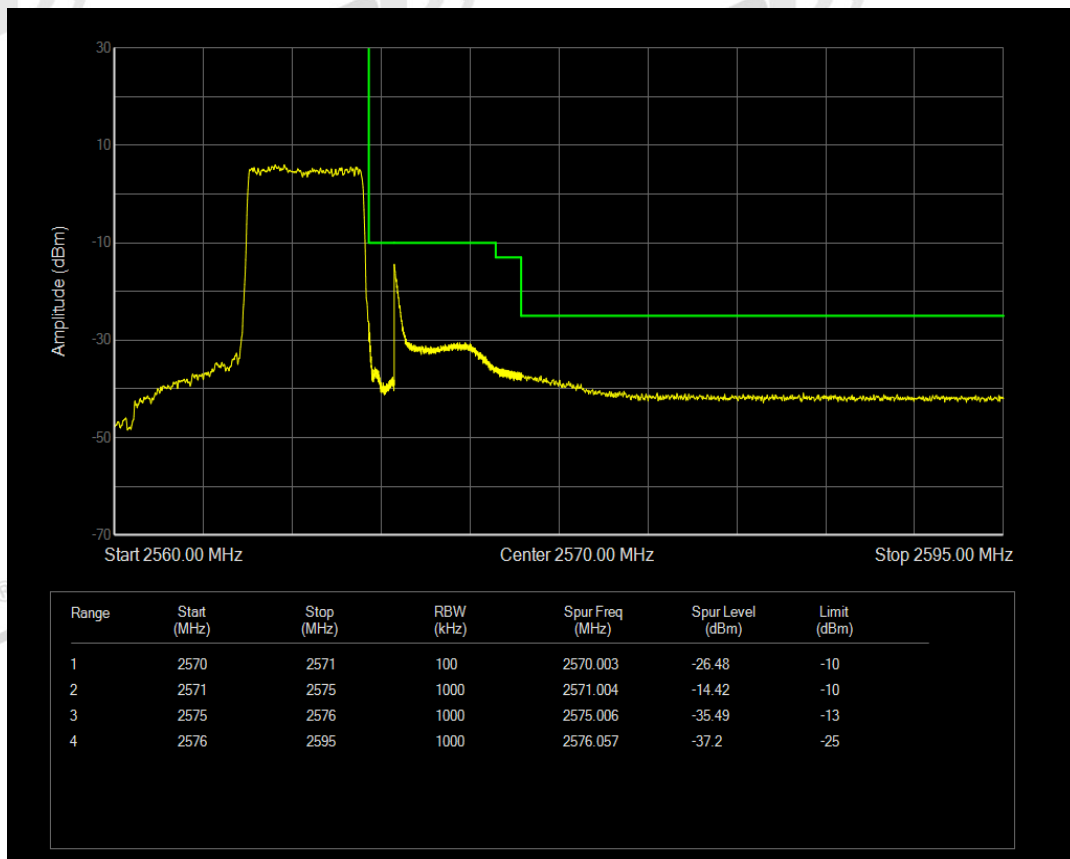
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



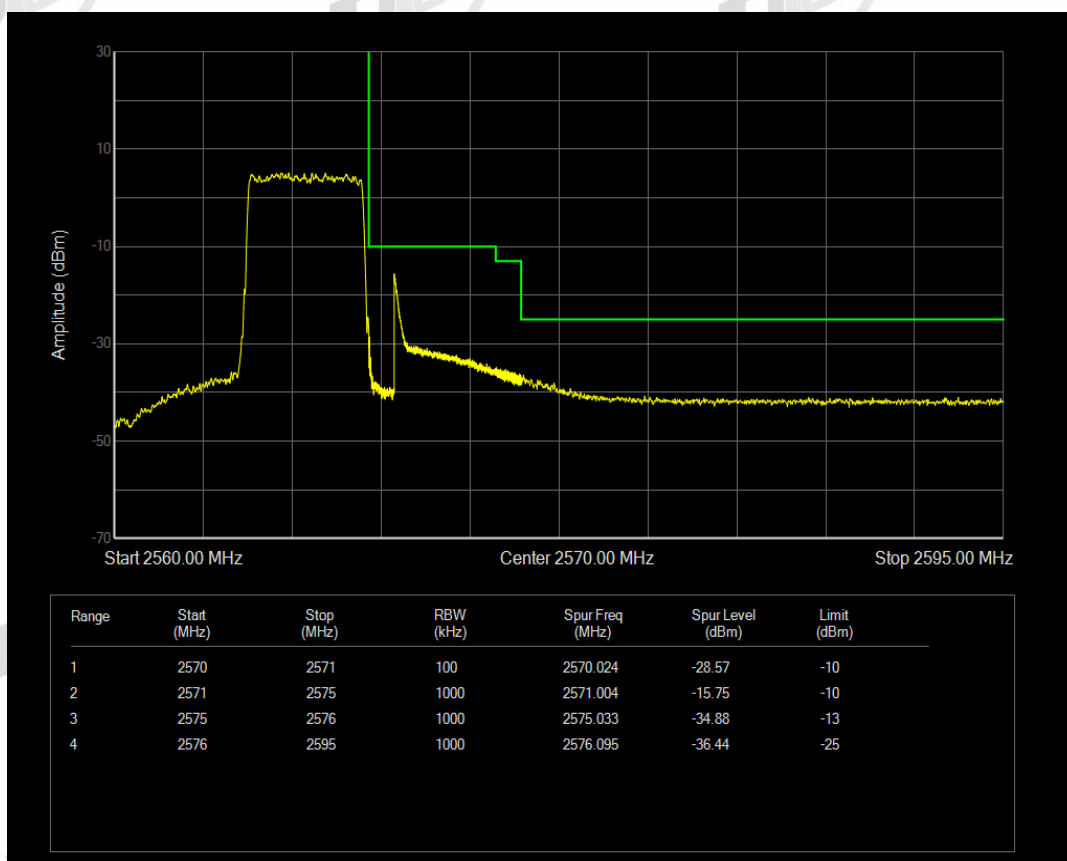
Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0



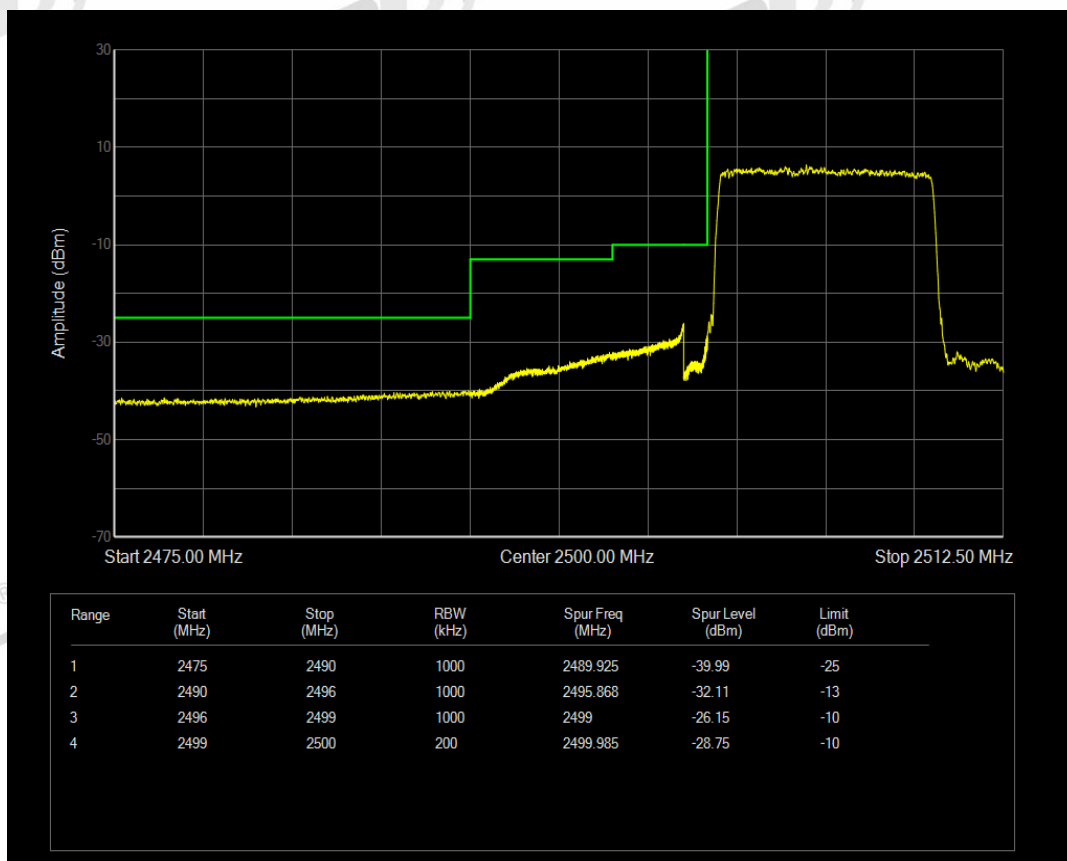
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



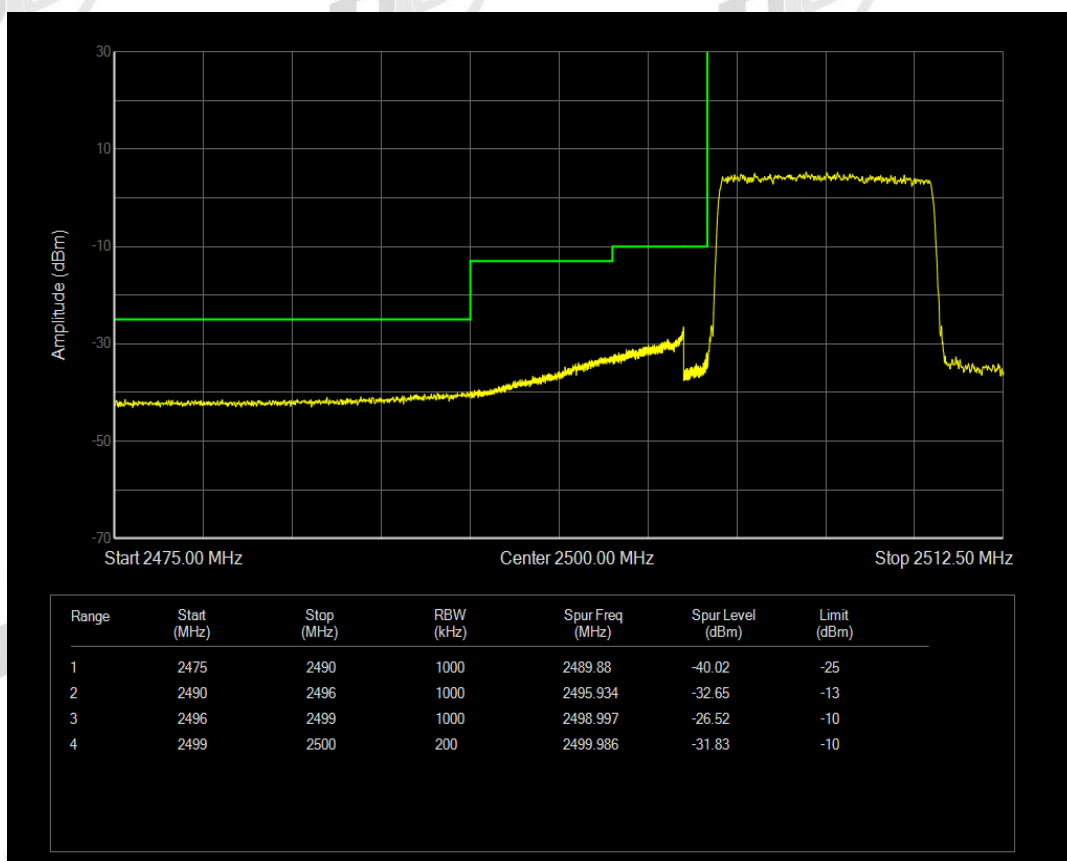
Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0



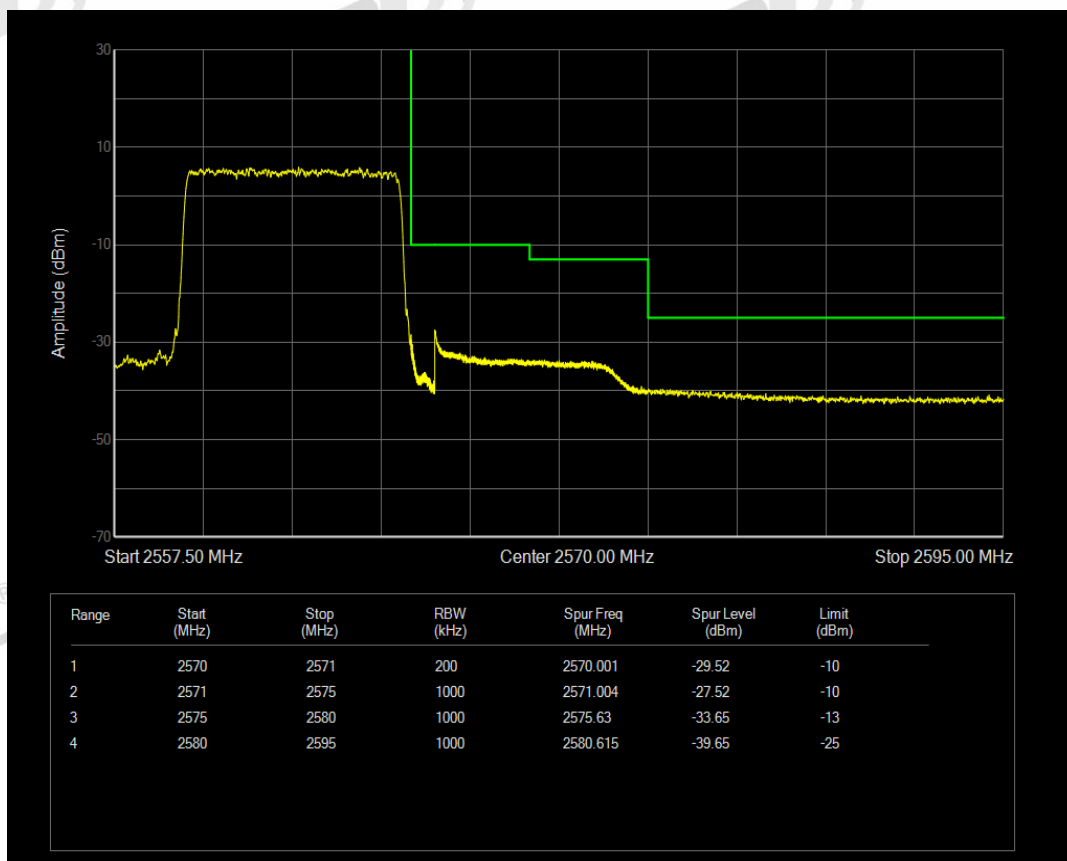
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



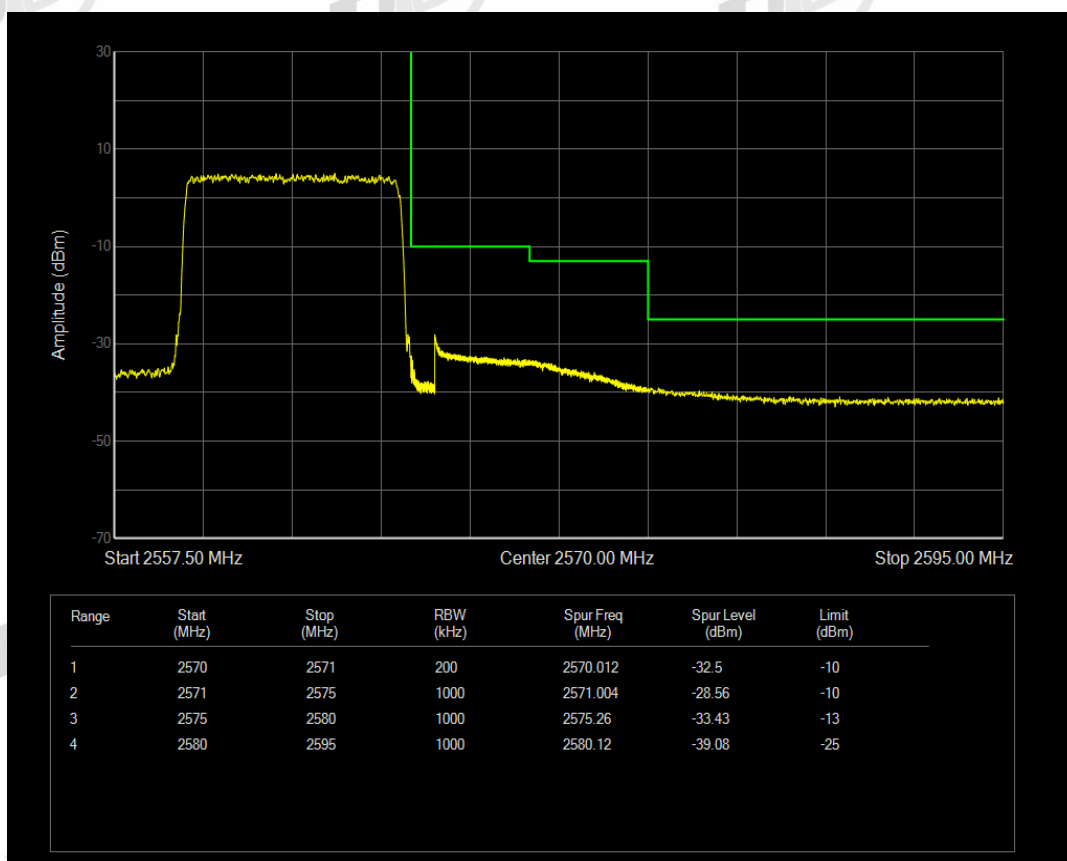
Band7 QAM16 BW=10MHz Channel=20800 RB Size=50 Position=#0



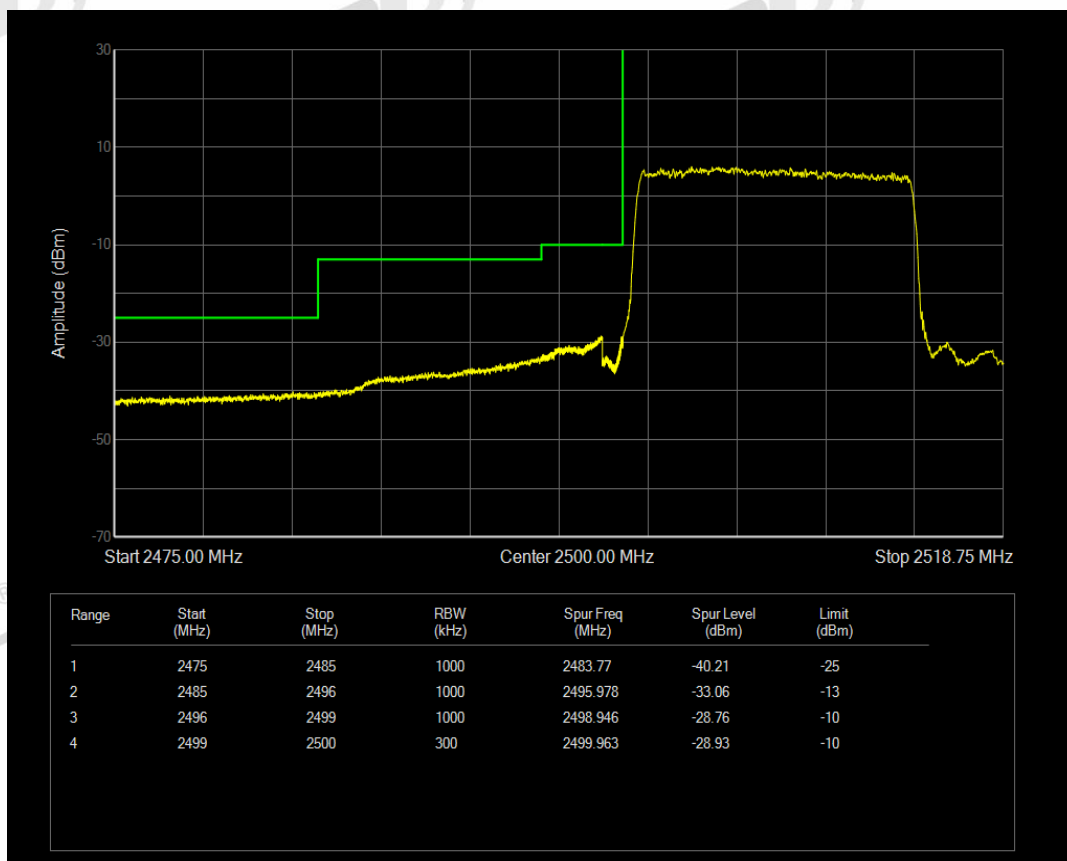
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



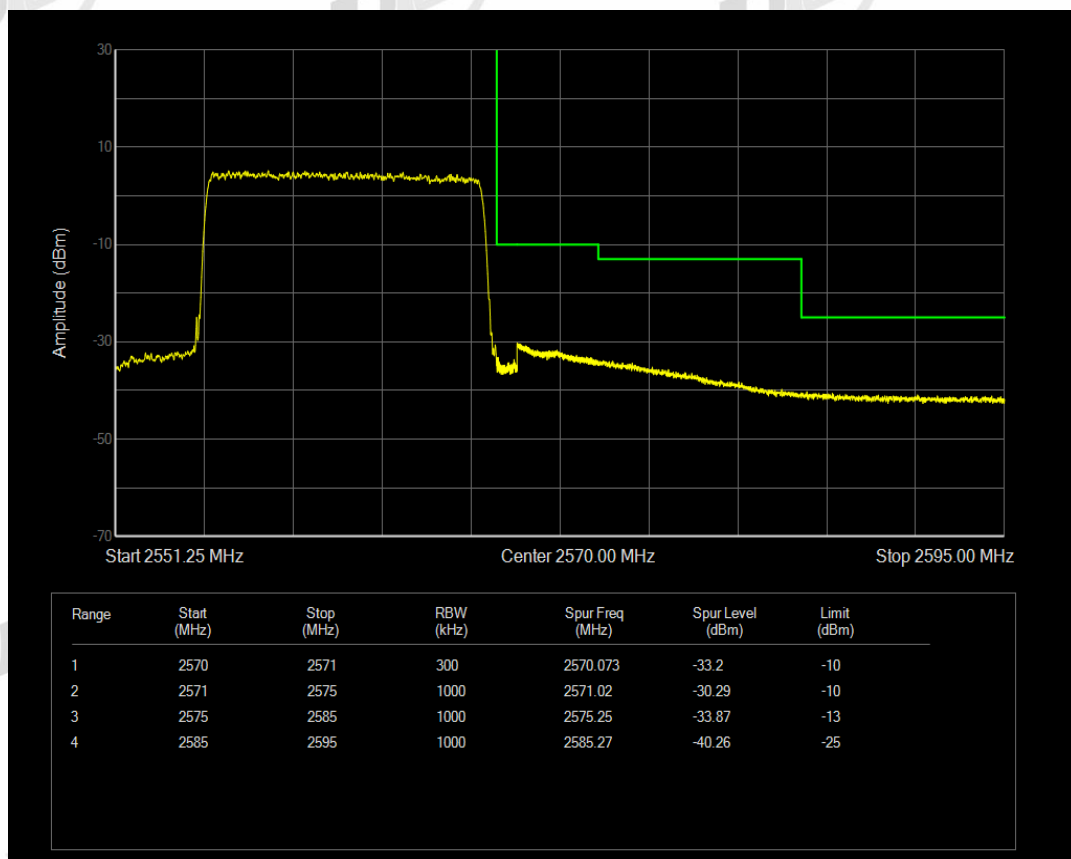
Band7 QAM16 BW=10MHz Channel=21400 RB Size=50 Position=#0



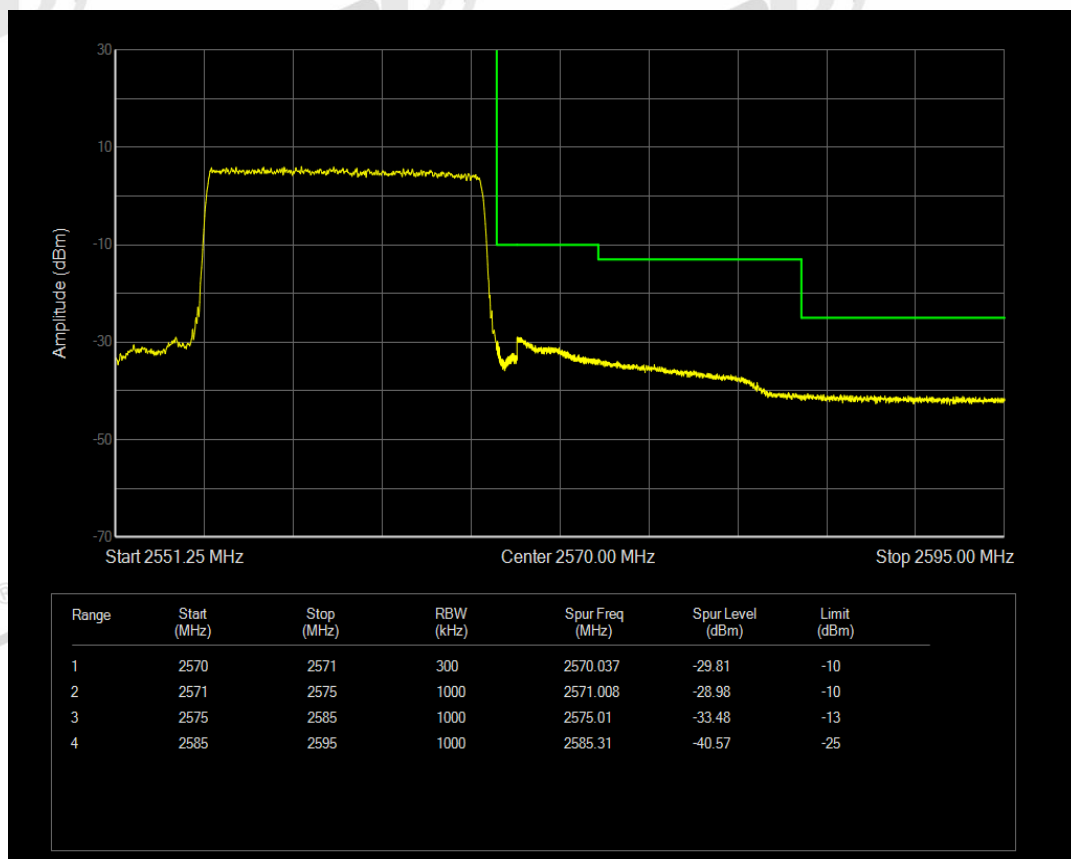
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



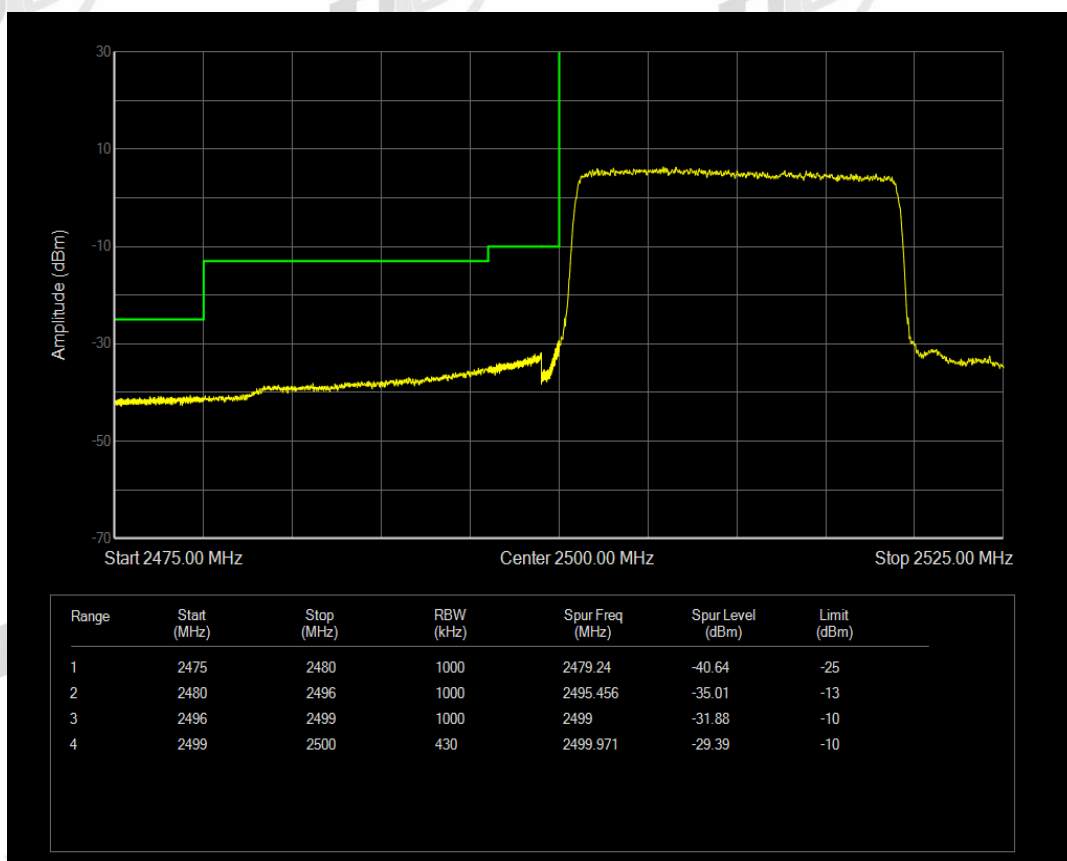
Band7 QAM16 BW=15MHz Channel=21375 RB Size=75 Position=#0



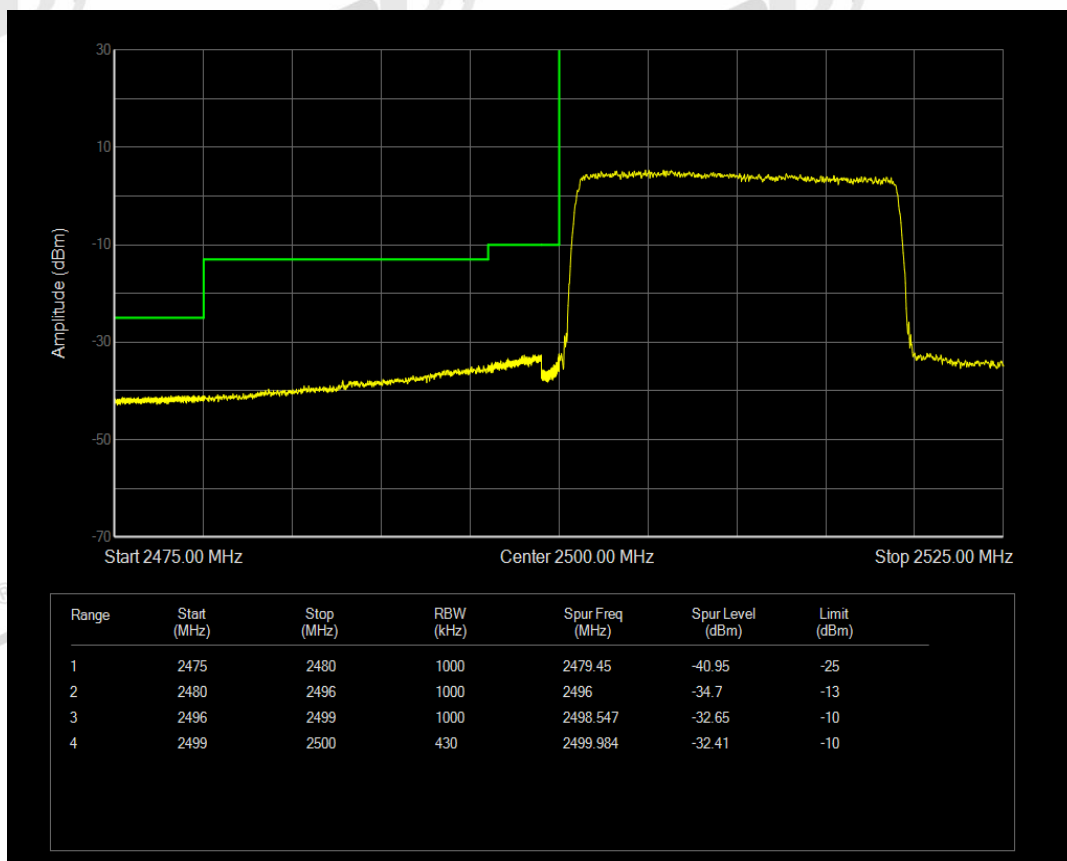
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



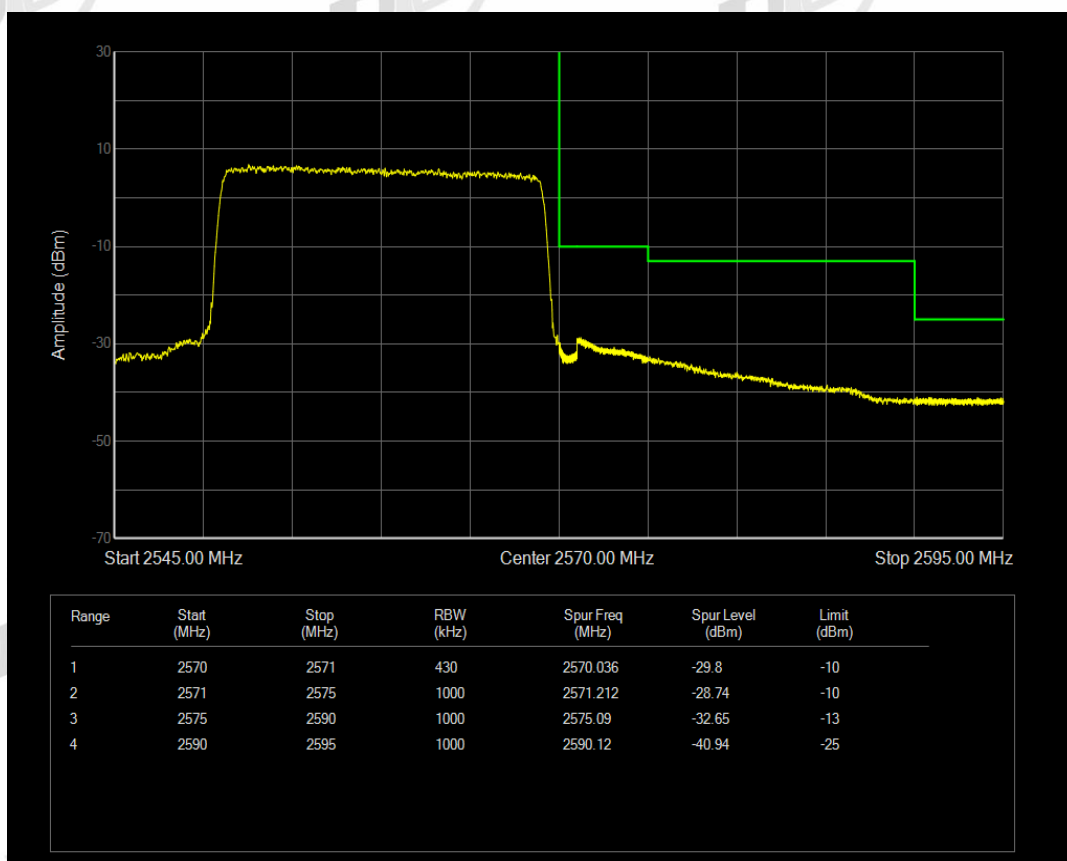
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



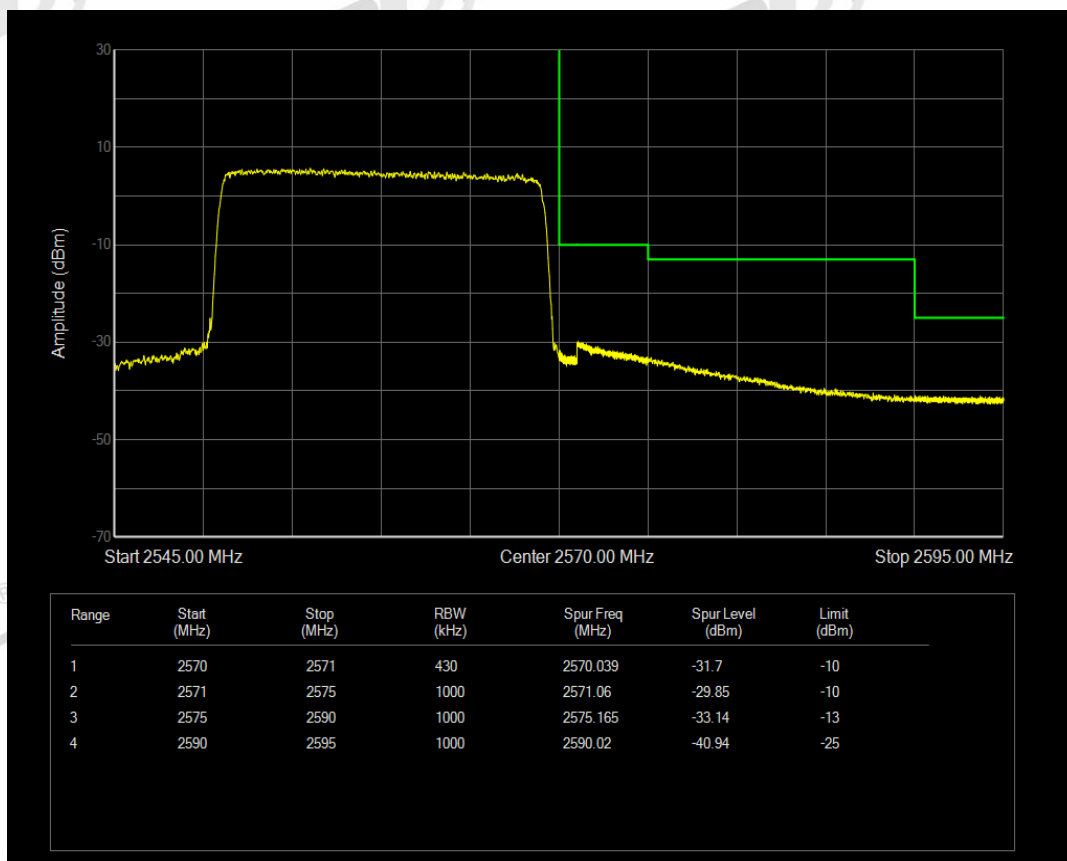
Band7 QAM16 BW=20MHz Channel=20850 RB Size=100 Position=#0



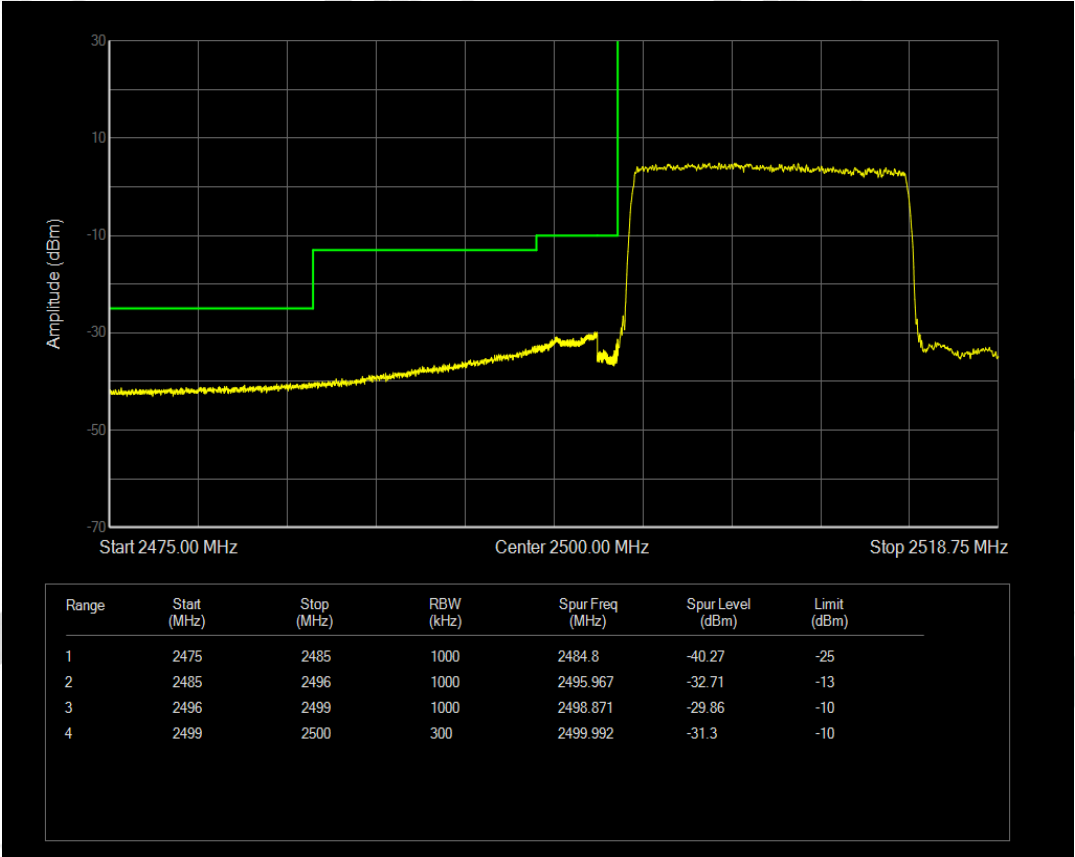
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



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



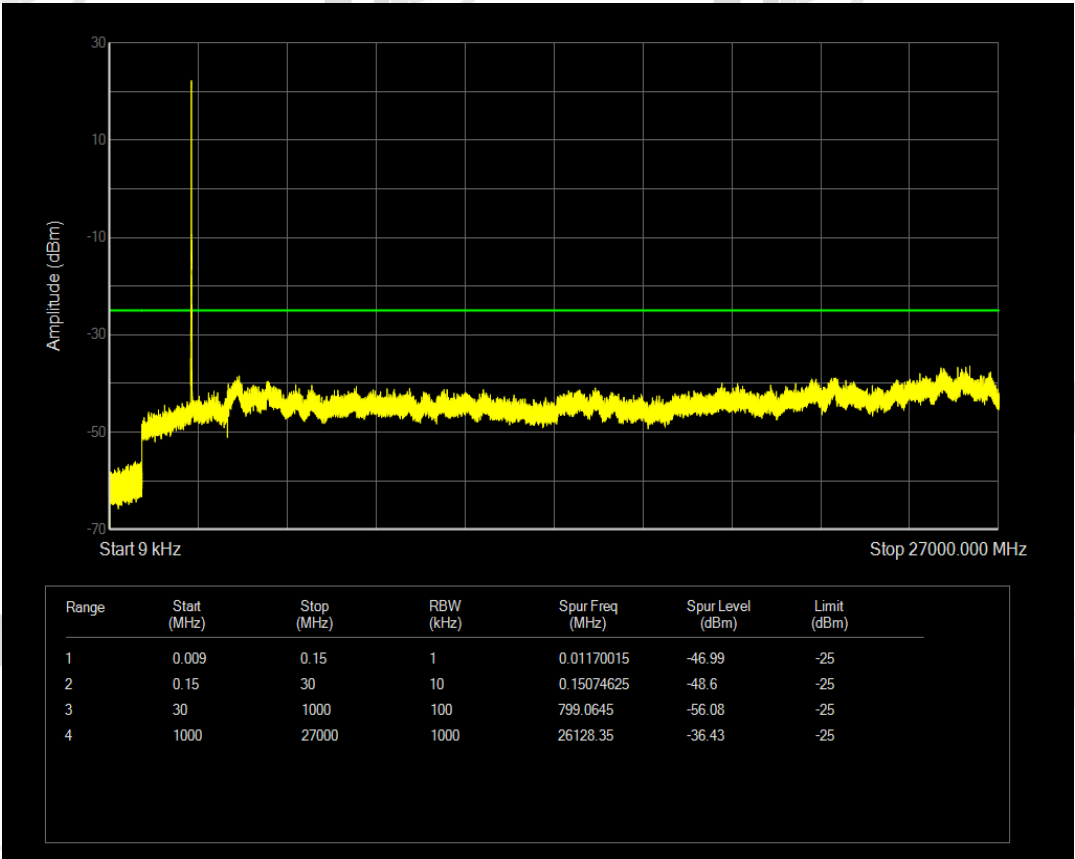
Band7 QAM16 BW=15MHz Channel=20825 RB Size=75 Position=#0



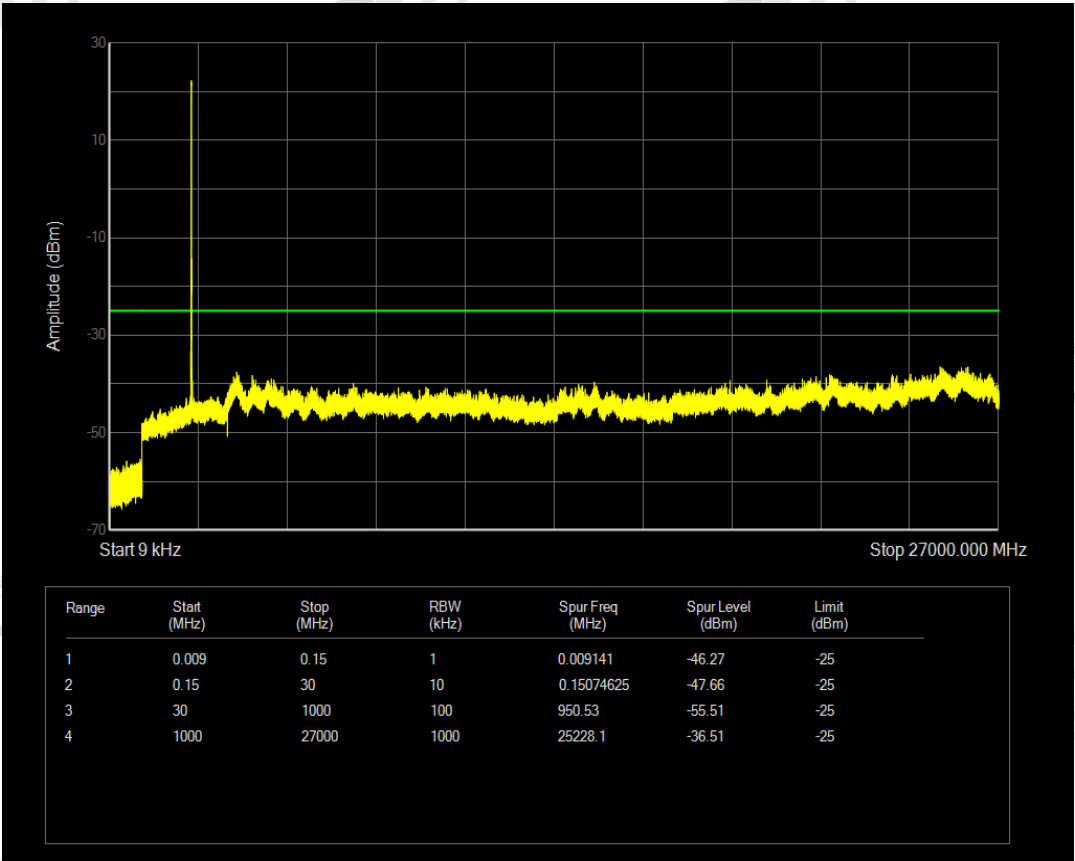
**6 Out-of-band emissions**

| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Spur Freq<br>(MHz) | Spur Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|-------|--------------------|---------------|------------|----------------|------------|--------------------|---------------------|----------------|---------|
| Band7 | 5                  | 20775         | 25         | #0             | QPSK       | 26128.35           | -36.43              | -25            | PASS    |
| Band7 | 5                  | 20775         | 25         | #0             | QAM16      | 25228.10           | -36.51              | -25            | PASS    |
| Band7 | 5                  | 21425         | 25         | #0             | QPSK       | 25268.40           | -36.07              | -25            | PASS    |
| Band7 | 5                  | 21425         | 25         | #0             | QAM16      | 25830.65           | -35.26              | -25            | PASS    |
| Band7 | 10                 | 20800         | 50         | #0             | QPSK       | 25222.25           | -35.85              | -25            | PASS    |
| Band7 | 10                 | 20800         | 50         | #0             | QAM16      | 25259.95           | -36.44              | -25            | PASS    |
| Band7 | 10                 | 21400         | 50         | #0             | QPSK       | 25832.60           | -36.03              | -25            | PASS    |
| Band7 | 10                 | 21400         | 50         | #0             | QAM16      | 25391.25           | -35.69              | -25            | PASS    |
| Band7 | 15                 | 20825         | 75         | #0             | QPSK       | 25366.55           | -35.85              | -25            | PASS    |
| Band7 | 15                 | 20825         | 75         | #0             | QAM16      | 25279.45           | -35.50              | -25            | PASS    |
| Band7 | 15                 | 21375         | 75         | #0             | QPSK       | 25311.30           | -36.22              | -25            | PASS    |
| Band7 | 15                 | 21375         | 75         | #0             | QAM16      | 26673.70           | -36.35              | -25            | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | 25995.10           | -35.99              | -25            | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QAM16      | 25861.85           | -36.46              | -25            | PASS    |
| Band7 | 20                 | 21350         | 100        | #0             | QPSK       | 25896.30           | -35.41              | -25            | PASS    |
| Band7 | 20                 | 21350         | 100        | #0             | QAM16      | 25815.05           | -36.48              | -25            | PASS    |

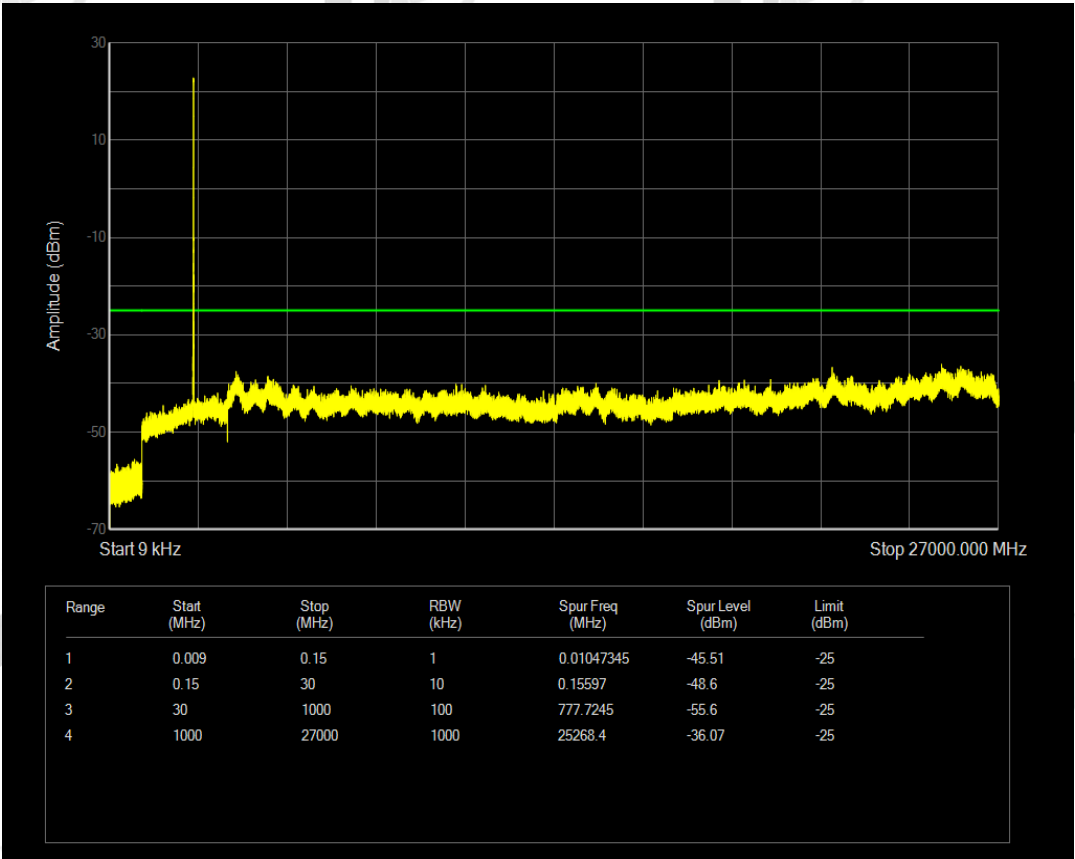
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



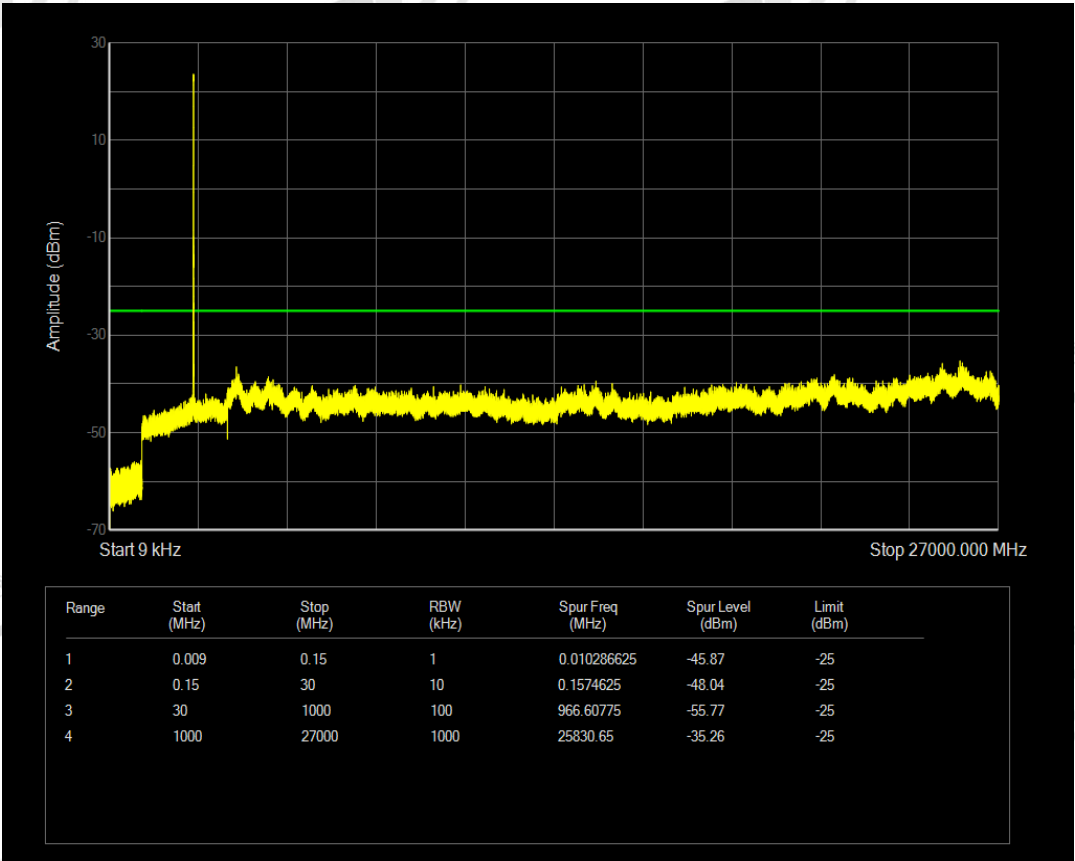
Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0



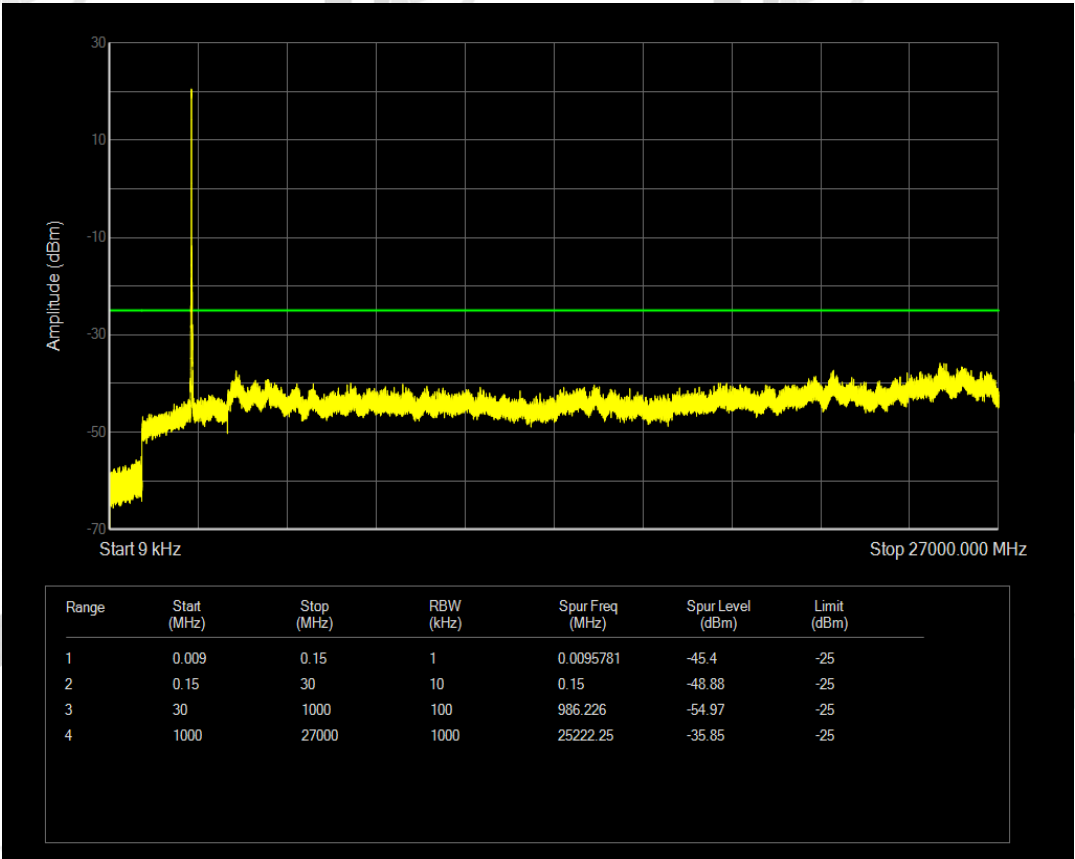
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



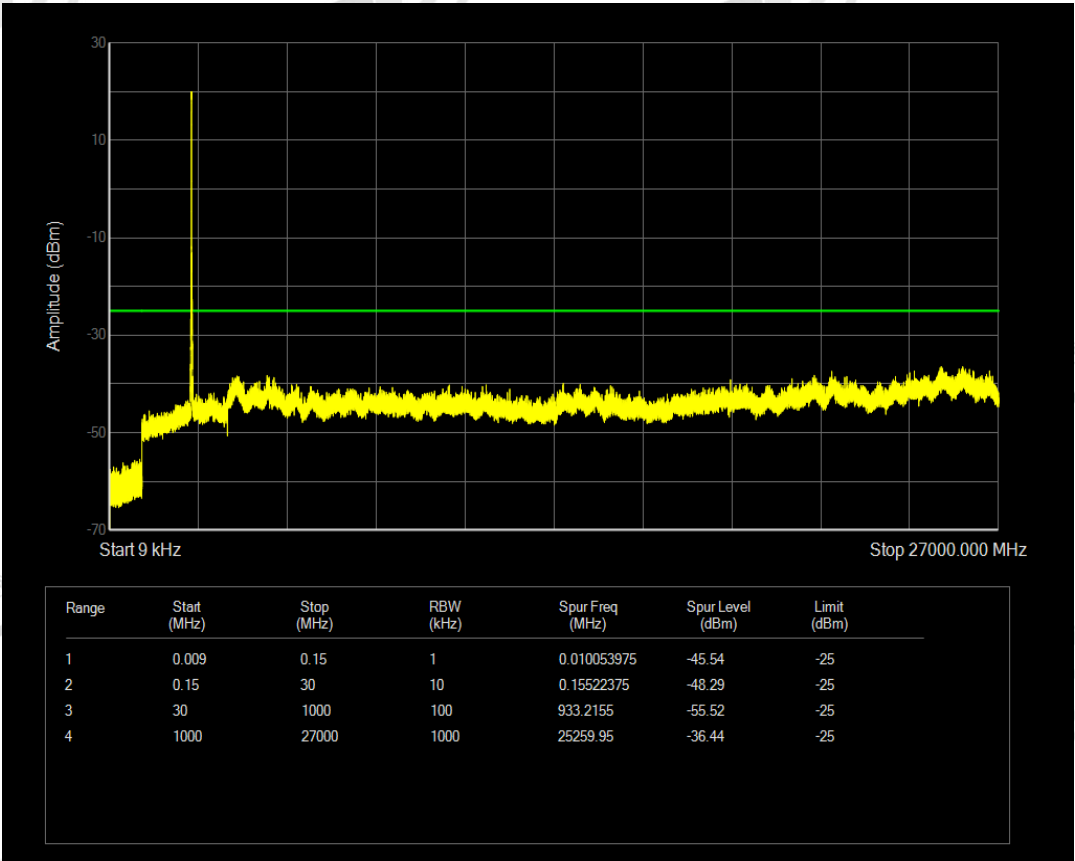
Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0



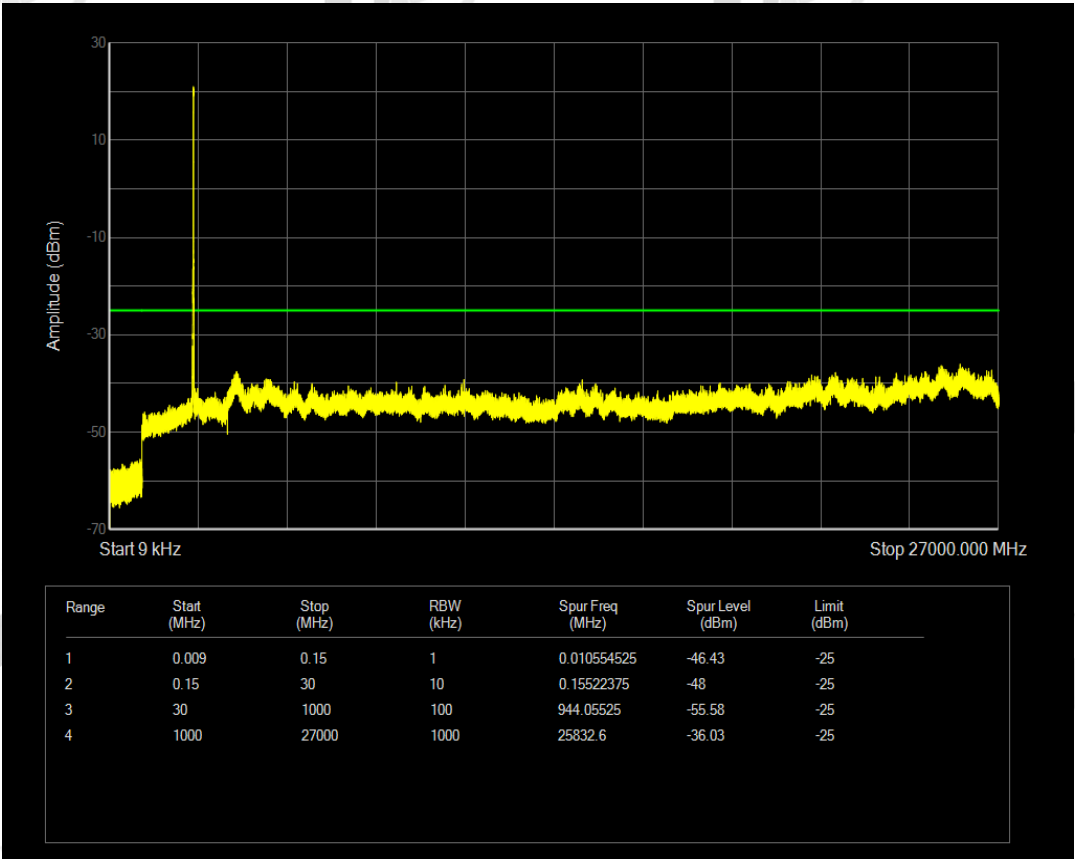
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



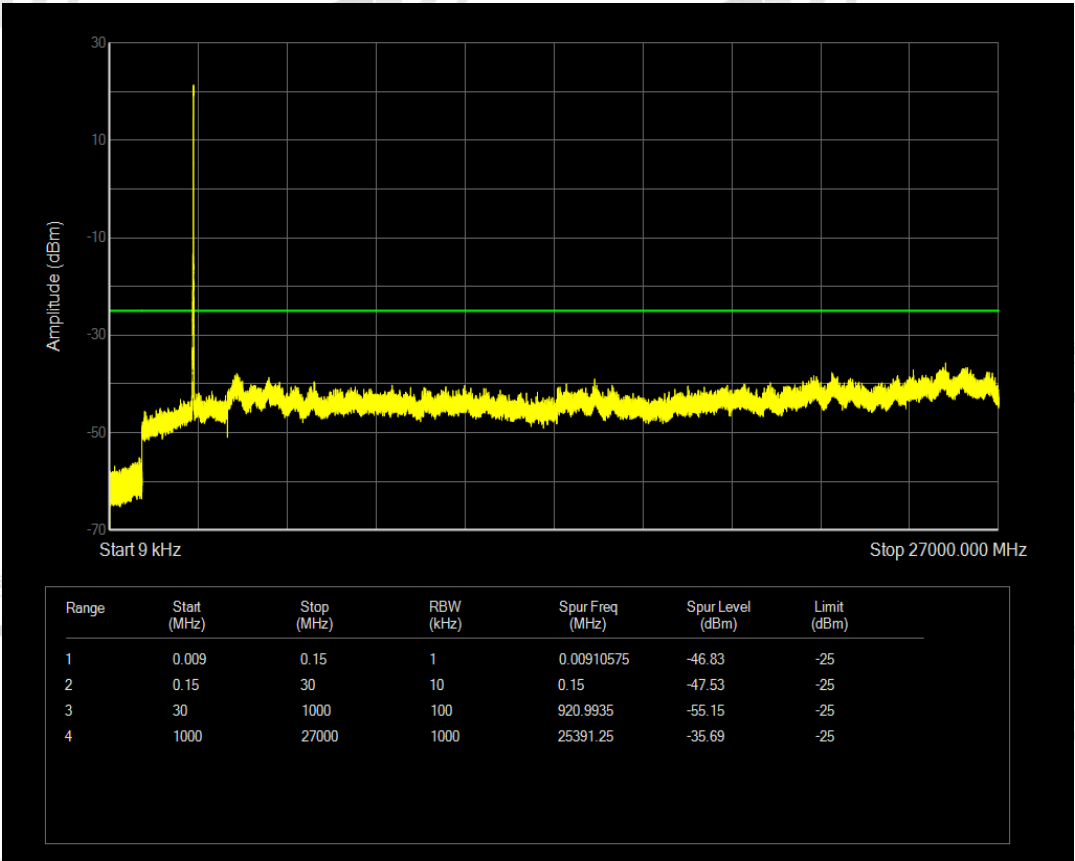
Band7 QAM16 BW=10MHz Channel=20800 RB Size=50 Position=#0



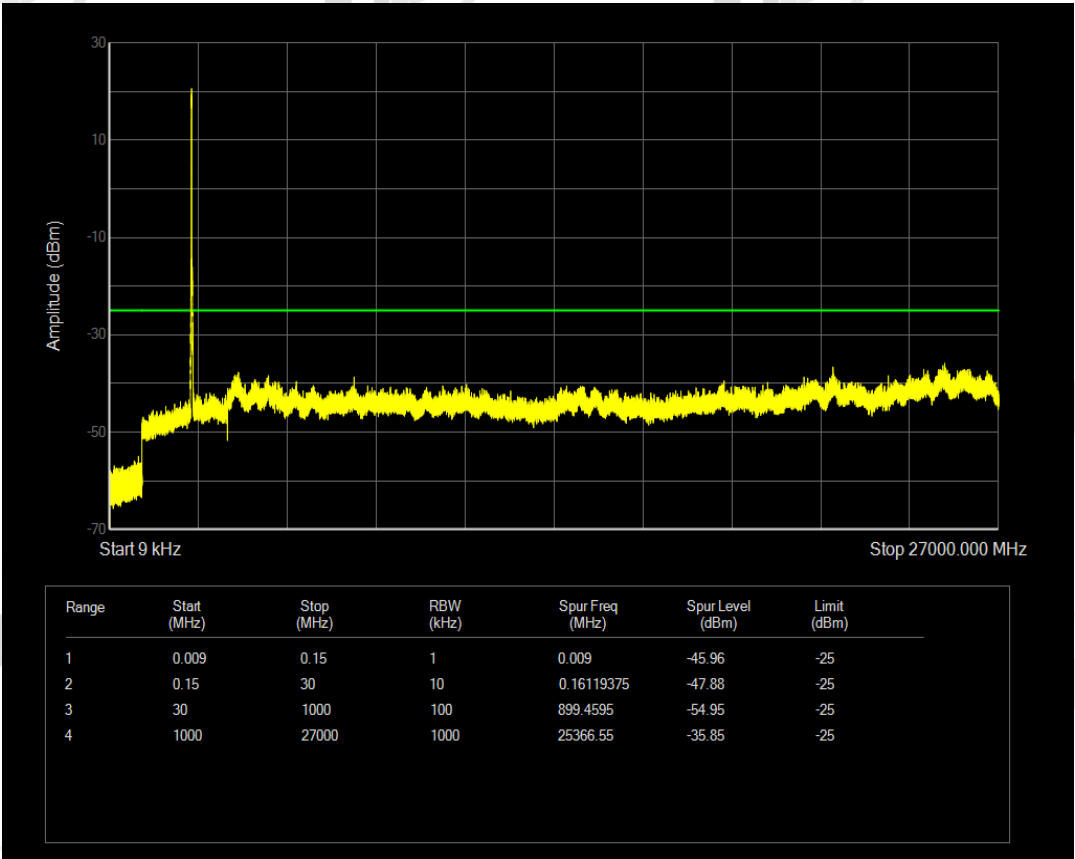
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



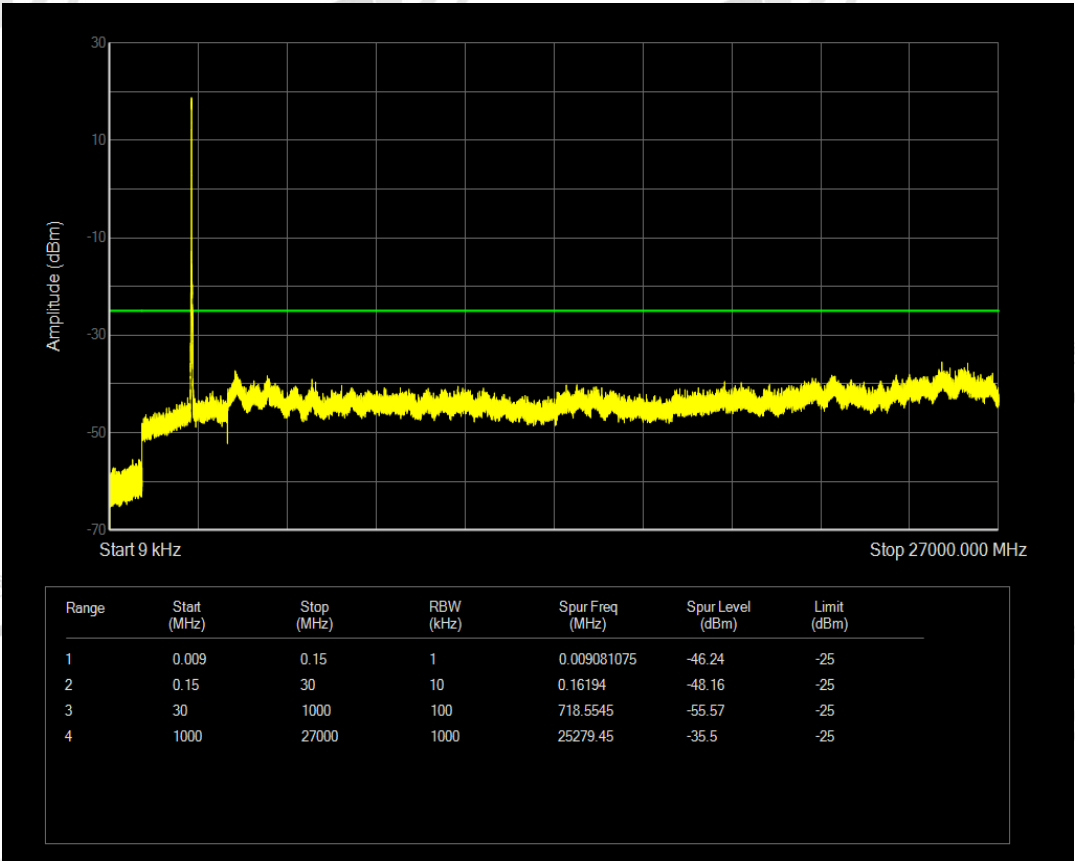
Band7 QAM16 BW=10MHz Channel=21400 RB Size=50 Position=#0



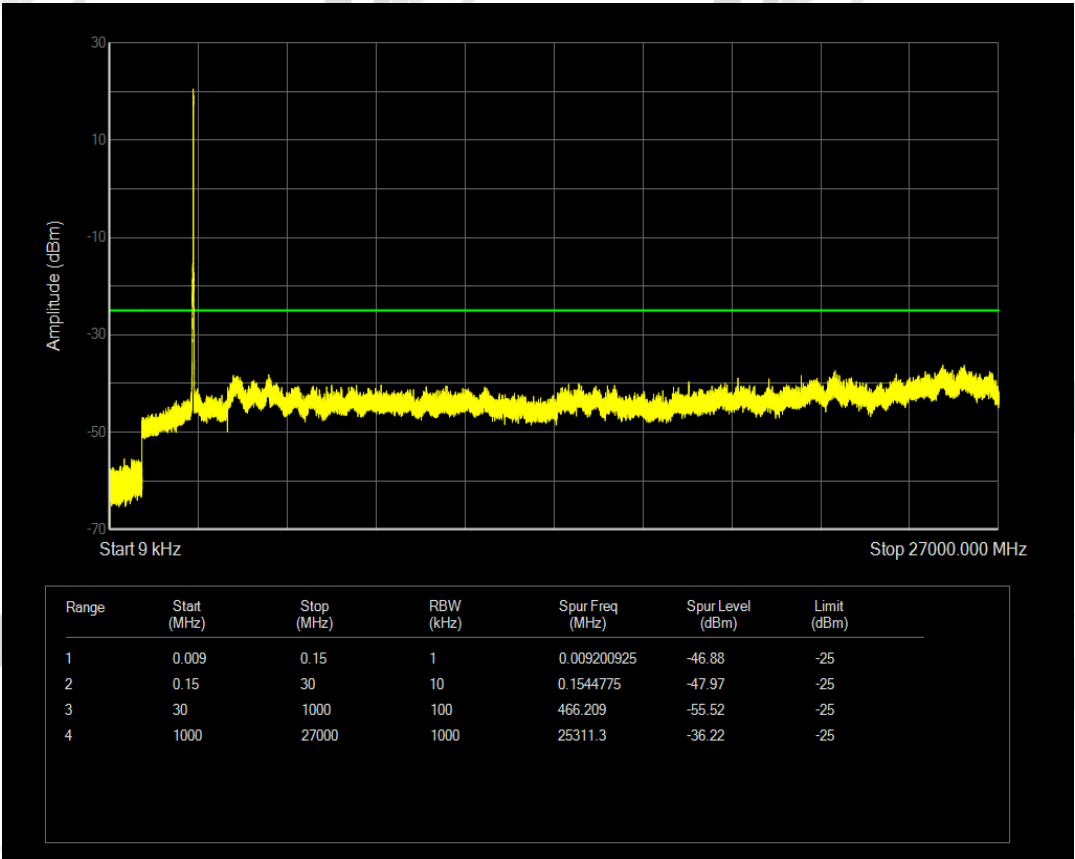
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



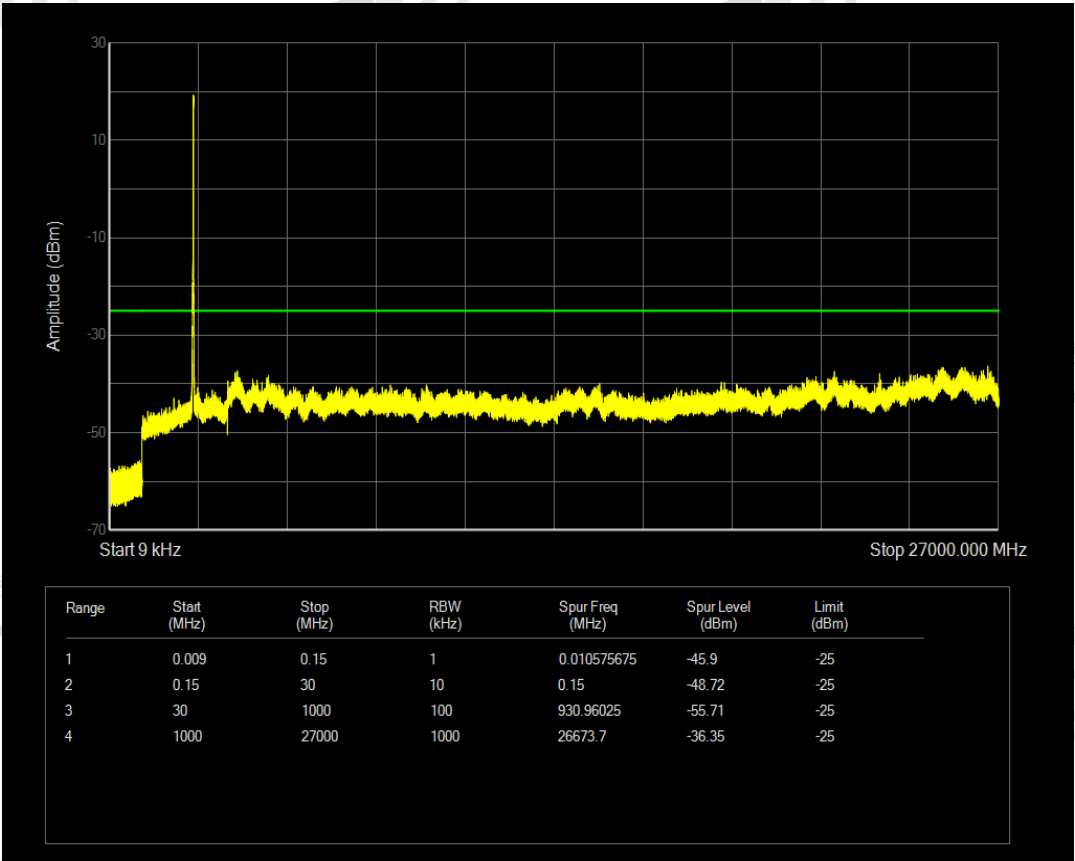
Band7 QAM16 BW=15MHz Channel=20825 RB Size=75 Position=#0



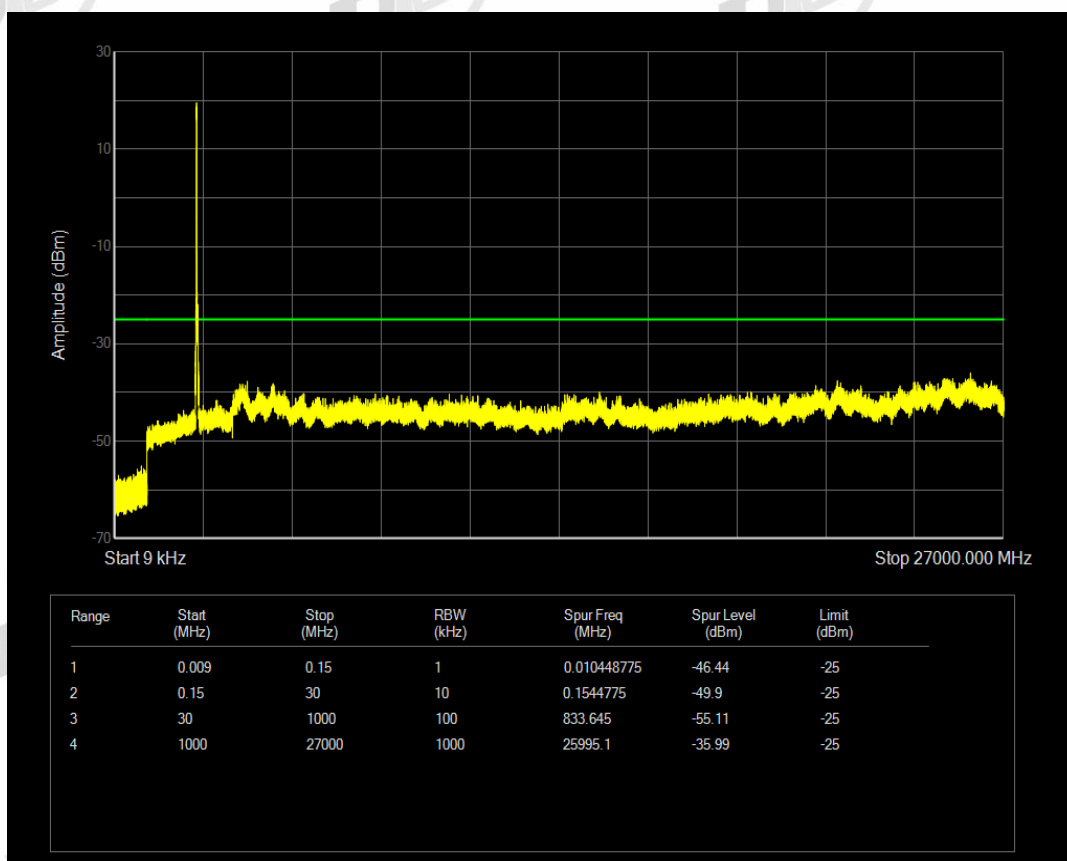
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



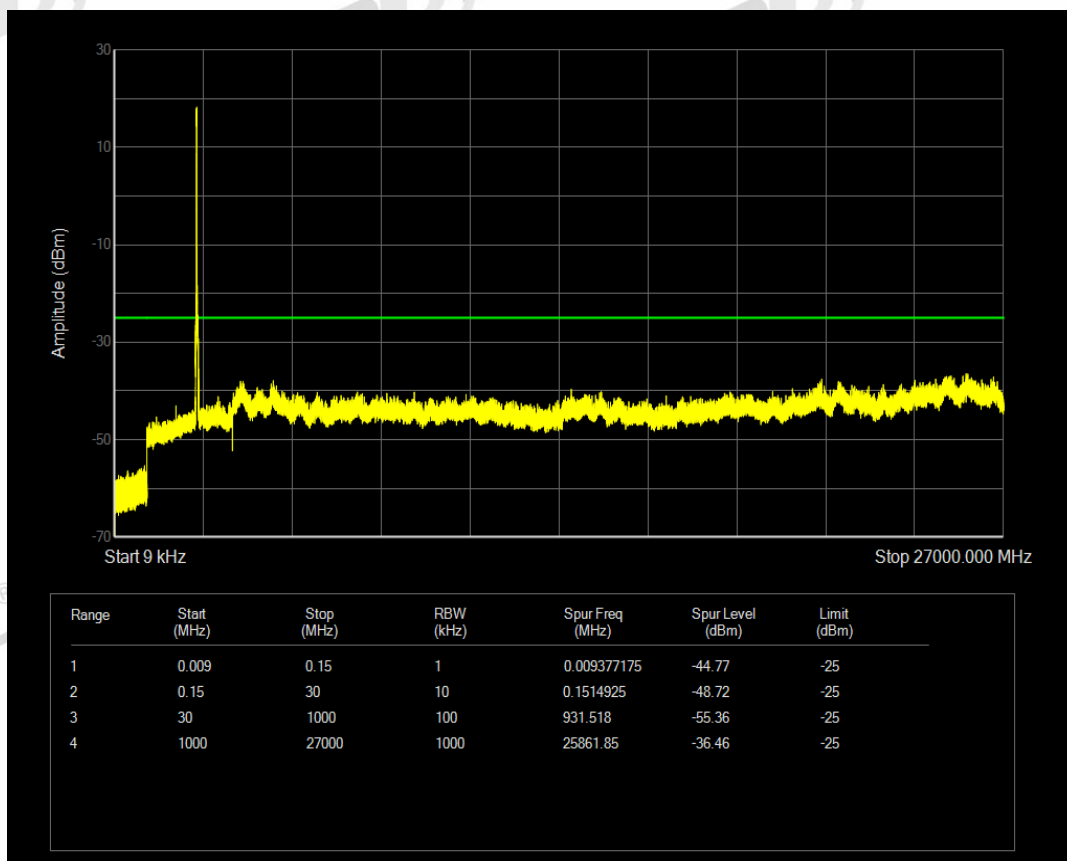
Band7 QAM16 BW=15MHz Channel=21375 RB Size=75 Position=#0



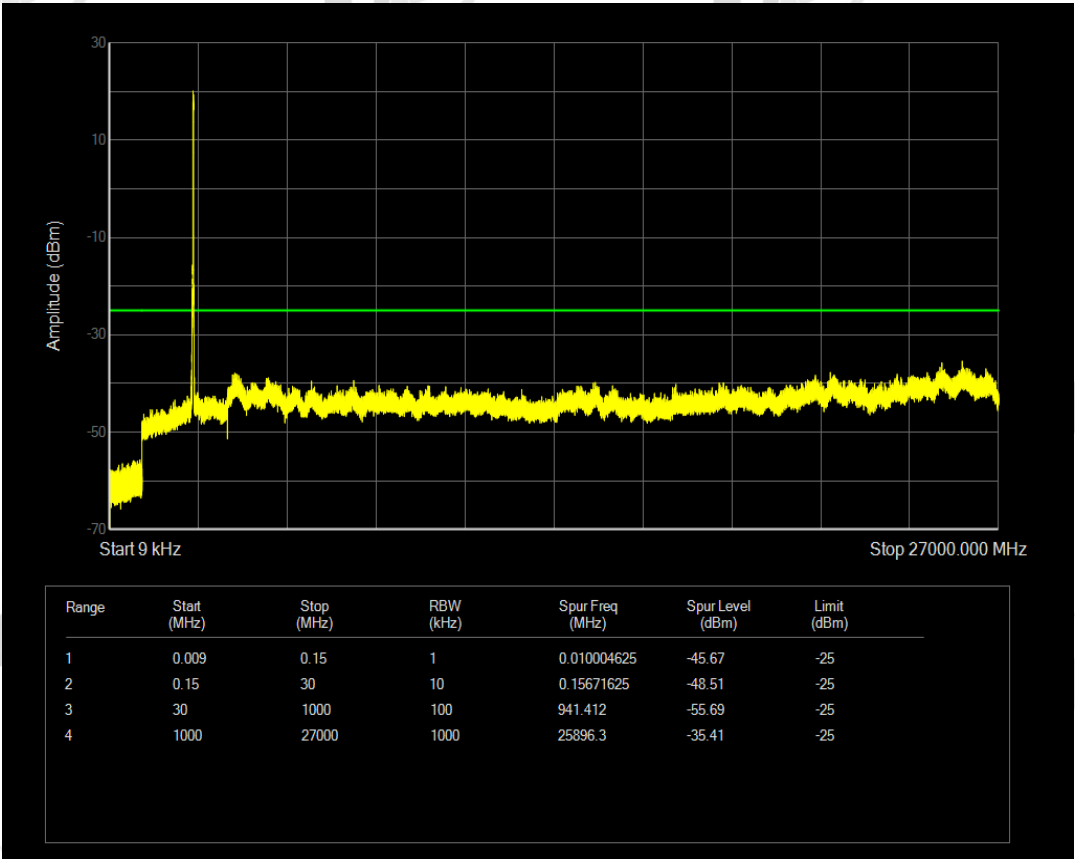
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



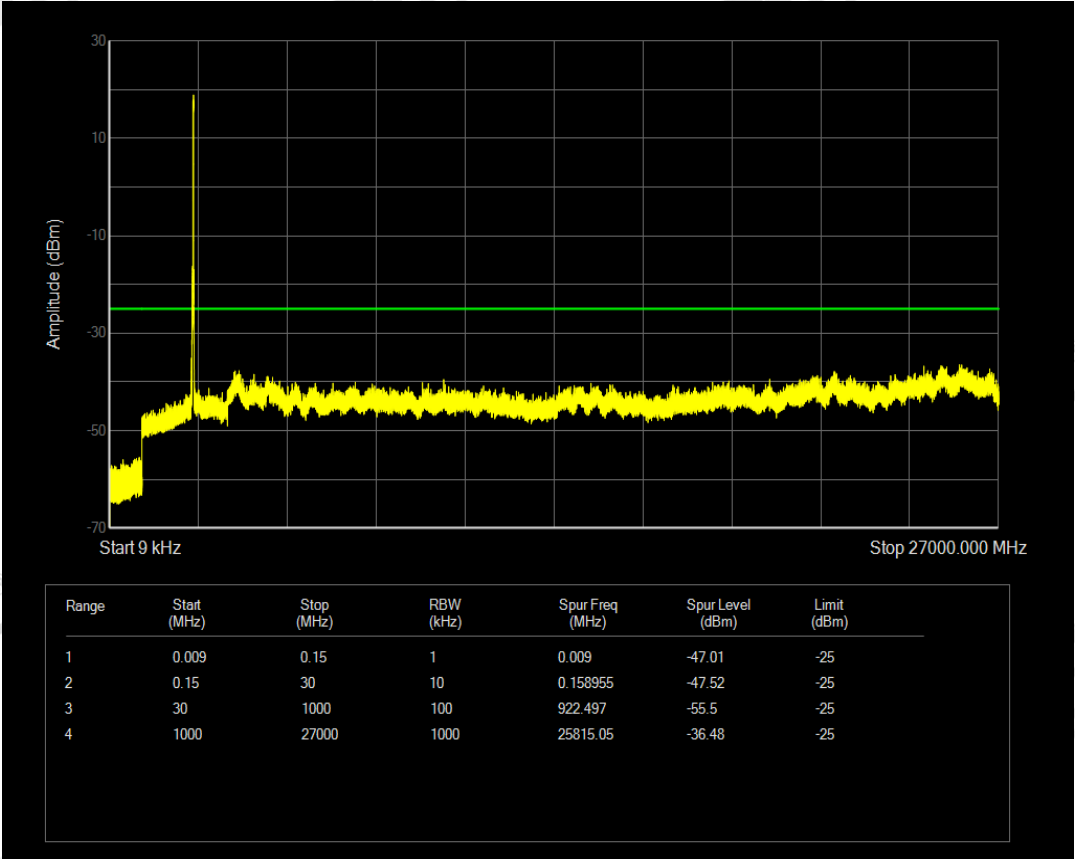
Band7 QAM16 BW=20MHz Channel=20850 RB Size=100 Position=#0



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

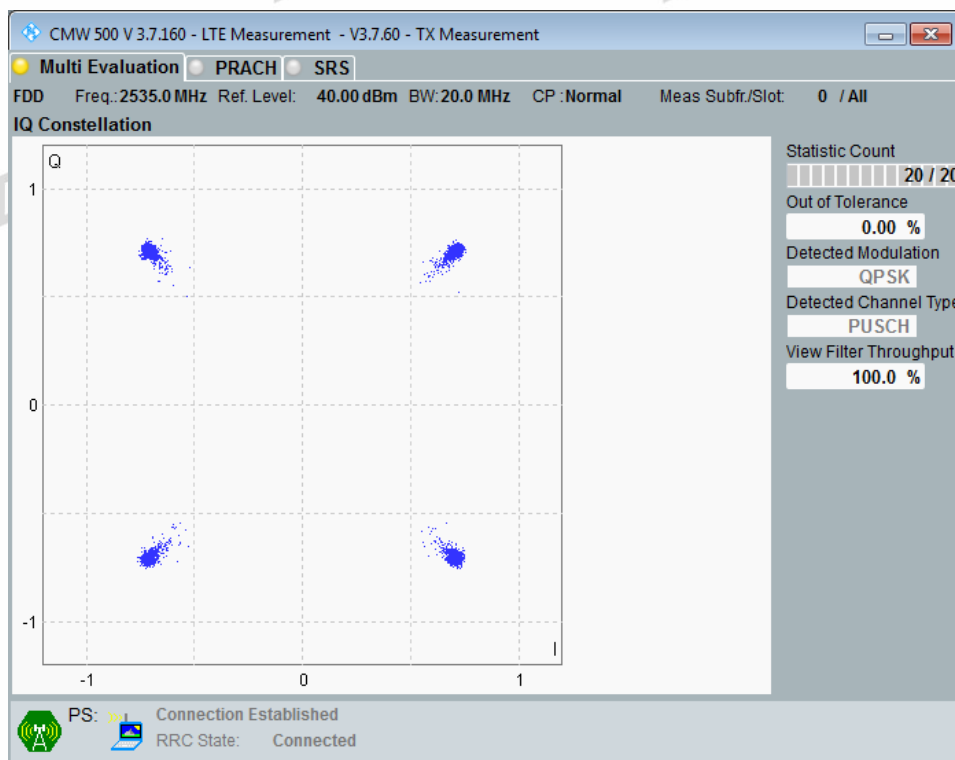


Band7 QAM16 BW=20MHz Channel=21350 RB Size=100 Position=#0

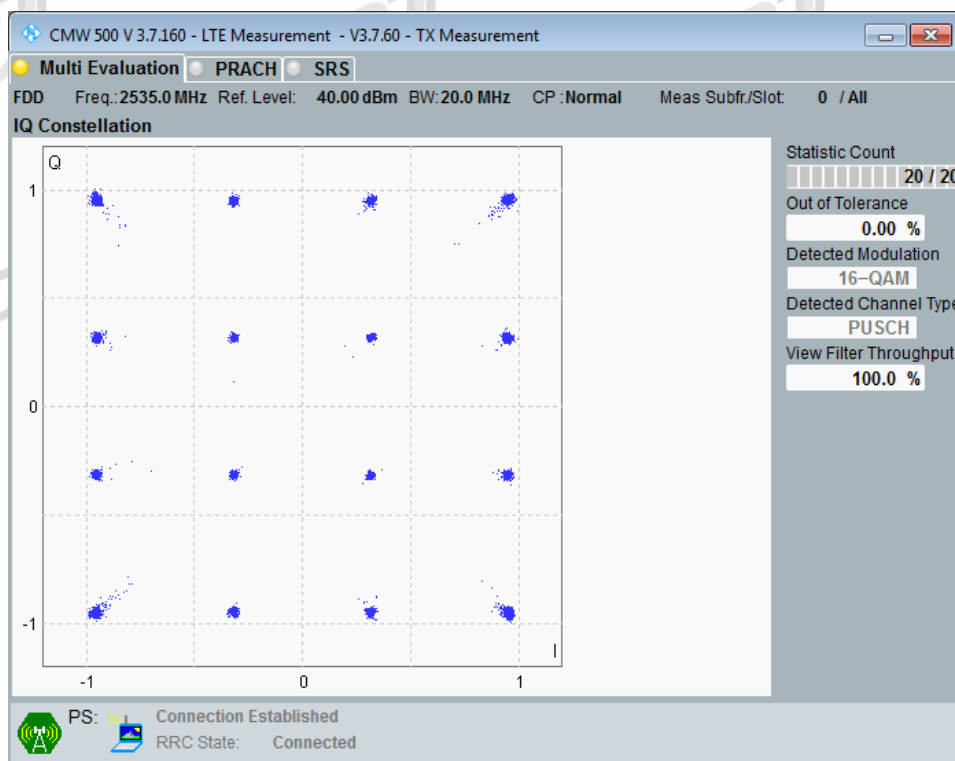


## 7 Modulation Characteristics

### 7.1 LTE/TM1 20MHz

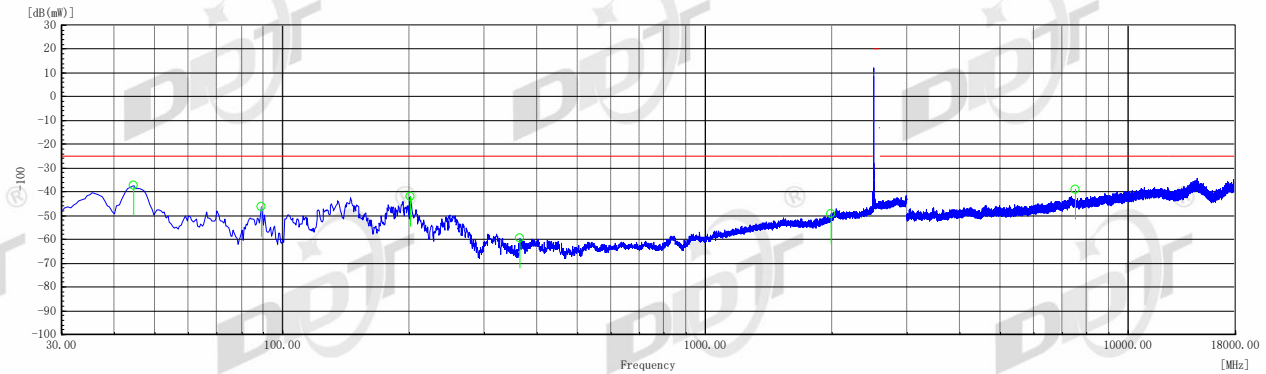


### 7.1 LTE/TM1 20MHz



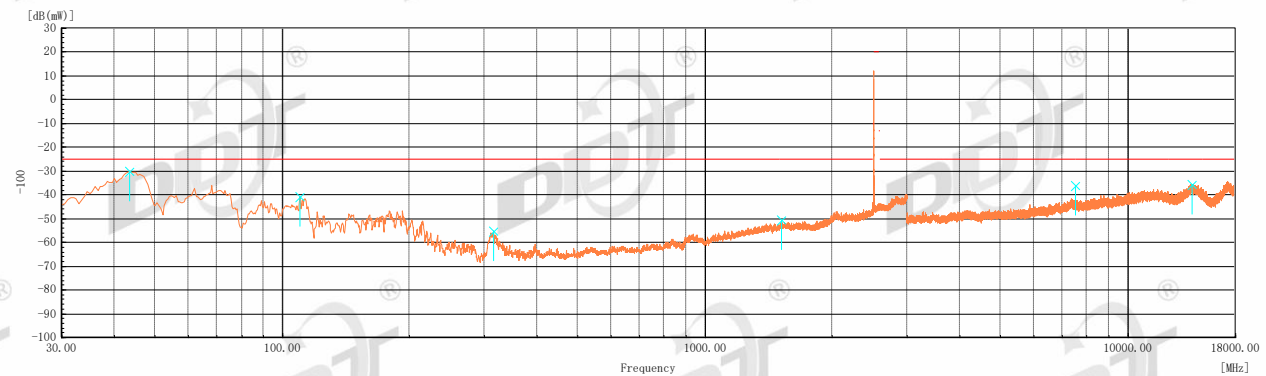
## 8. Radiated Power and Radiated Spurious Emissions

Test Mode1: LTE Band7 L-channel (horizontal)



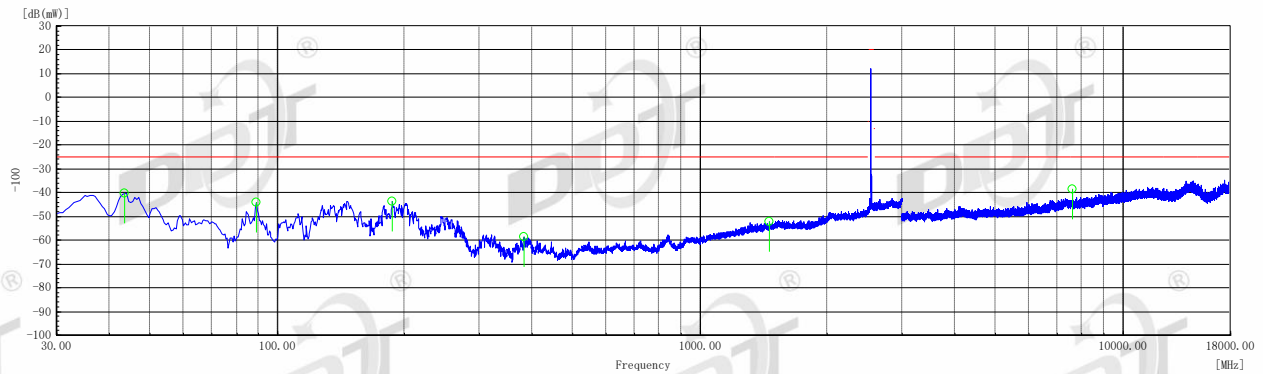
| Frequency [MHz] | Pol | level (dbuv/m) | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 44.5            | H   | 58.0           | -37.3          | -25            | 12.3        | 108         | 135.4       |
| 201             | H   | 53.3           | -42            | -25            | 17          | 111         | 0           |
| 365             | H   | 35.7           | -59.6          | -25            | 34.6        | 118         | 315.6       |
| 7502.001        | H   | 56.1           | -39.2          | -25            | 14.2        | 115         | 270.2       |
| 89              | H   | 49.0           | -46.3          | -25            | 21.3        | 130         | 135.4       |
| 1989            | H   | 46.2           | -49.1          | -25            | 24.1        | 135         | 315.6       |

Test Mode1: LTE Band7 L-channel (vertical)



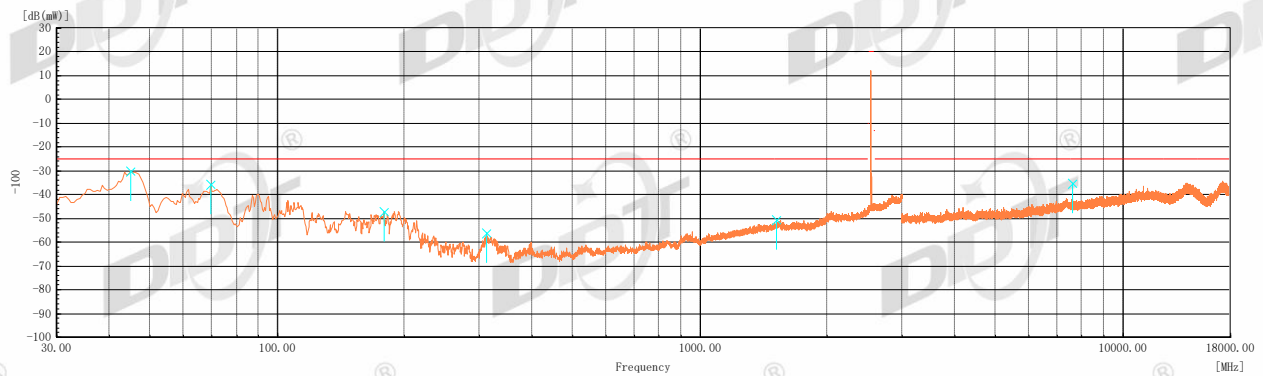
| Frequency [MHz] | Pol | level (dbuv/m) | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 43.5            | V   | 65.2           | -30.1          | -25            | 5.1         | 130         | 89.5        |
| 110             | V   | 54.7           | -40.6          | -25            | 15.6        | 135         | 0           |
| 315.5           | V   | 39.9           | -55.4          | -25            | 30.4        | 144         | 224.9       |
| 7502.001        | V   | 59.2           | -36.1          | -25            | 11.1        | 150         | 0           |
| 1516            | V   | 44.5           | -50.8          | -25            | 25.8        | 152         | 269.9       |
| 14161           | V   | 59.8           | -35.5          | -25            | 10.5        | 160         | 134.5       |

## Test Mode1: LTE Band7 M-channel (horizontal)



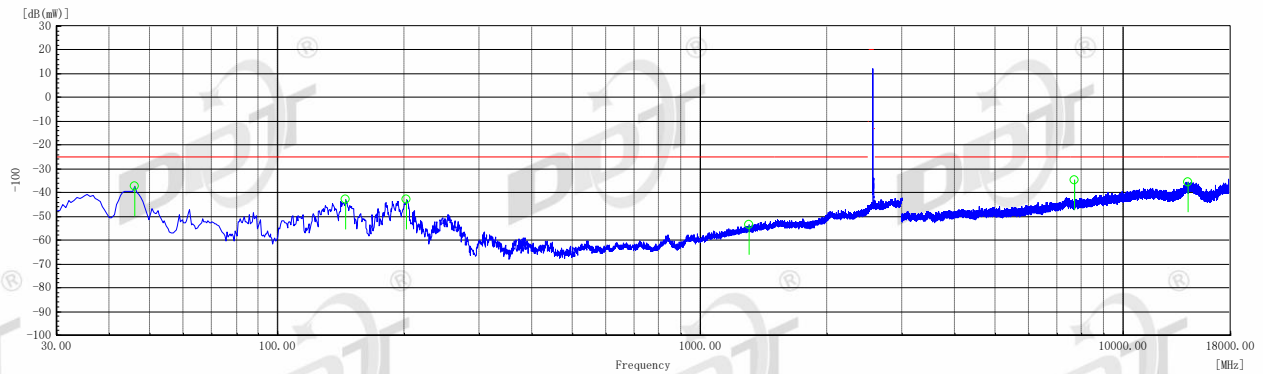
| Frequency [MHz] | Pol | level (dbuv/m) | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 43.5            | H   | 55.0           | -40.3          | -25            | 15.3        | 105         | 134.9       |
| 89              | H   | 51.2           | -44.1          | -25            | 19.1        | 105         | 315.3       |
| 187             | H   | 51.4           | -43.9          | -25            | 18.9        | 105         | 134.9       |
| 383.5           | H   | 36.6           | -58.7          | -25            | 33.7        | 113         | 315.3       |
| 1461.5          | H   | 42.9           | -52.4          | -25            | 27.4        | 115         | 45.4        |
| 7592.001        | H   | 56.7           | -38.6          | -25            | 13.6        | 115         | 45.4        |

## Test Mode1: LTE Band7 M-channel (vertical)



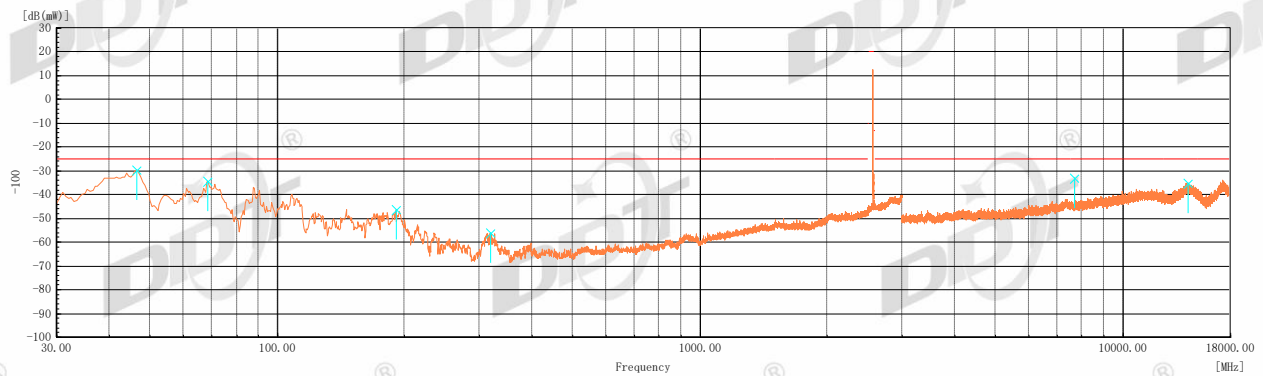
| Frequency [MHz] | Pol | level (dbuv/m) | Level [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [°] |
|-----------------|-----|----------------|----------------|----------------|-------------|-------------|-------------|
| 45              | V   | 65.1           | -30.2          | -25            | 5.2         | 115         | 44.6        |
| 69.5            | V   | 59.7           | -35.6          | -25            | 10.6        | 115         | 89.2        |
| 178.5           | V   | 48.2           | -47.1          | -25            | 22.1        | 120         | 44.6        |
| 312             | V   | 39.2           | -56.1          | -25            | 31.1        | 150         | 224.6       |
| 1512            | V   | 44.5           | -50.8          | -25            | 25.8        | 150         | 44.6        |
| 7592.001        | V   | 59.9           | -35.4          | -25            | 10.4        | 152         | 89.2        |

## Test Mode1: LTE Band7 H-channel (horizontal)



| Frequency [MHz] | Pol | level (dbuv/m) | Leve l [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [° ] |
|-----------------|-----|----------------|-----------------|----------------|-------------|-------------|--------------|
| 46              | H   | 57.9           | -37.4           | -25            | 12.4        | 105         | 180.6        |
| 145             | H   | 52.6           | -42.7           | -25            | 17.7        | 113         | 316          |
| 202             | H   | 52.4           | -42.9           | -25            | 17.9        | 115         | 359.9        |
| 1308.5          | H   | 41.9           | -53.4           | -25            | 28.4        | 115         | 180.6        |
| 7682.001        | H   | 60.5           | -34.8           | -25            | 9.8         | 120         | 45.3         |
| 14253.5         | H   | 59.6           | -35.7           | -25            | 10.7        | 150         | 45.3         |

## Test Mode1: LTE Band7 H-channel (vertical)



| Frequency [MHz] | Pol | level (dbuv/m) | Leve l [dB(mW)] | Limit [dB(mW)] | Margin [dB] | Height [cm] | Azimuth [° ] |
|-----------------|-----|----------------|-----------------|----------------|-------------|-------------|--------------|
| 46.5            | V   | 65.7           | -29.6           | -25            | 4.6         | 106         | 89.5         |
| 68.5            | V   | 61.1           | -34.2           | -25            | 9.2         | 109         | 89.5         |
| 190.5           | V   | 49.1           | -46.2           | -25            | 21.2        | 113         | 269.4        |
| 7681.501        | V   | 62.3           | -33             | -25            | 8           | 125         | 89.5         |
| 319.5           | V   | 39.1           | -56.2           | -25            | 31.2        | 130         | 224.9        |
| 14261.5         | V   | 60.2           | -35.1           | -25            | 10.1        | 142         | 44.5         |