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## 1 Conducted output power

| <i>Band</i> | <i>Bandwidth<br/>(MHz)</i> | <i>UL<br/>Channel</i> | <i>RB<br/>Size</i> | <i>RB<br/>Position</i> | <i>Modulation</i> | <i>Conducted<br/>Output AV<br/>Power<br/>(dBm)</i> | <i>Antenna<br/>Gain<br/>(dBi)</i> | <i>EIRP<br/>(dBm)</i> | <i>Limt<br/>(dBm)</i> | <i>Verdict</i> |
|-------------|----------------------------|-----------------------|--------------------|------------------------|-------------------|----------------------------------------------------|-----------------------------------|-----------------------|-----------------------|----------------|
| Band4       | 1.4                        | 19957                 | 1                  | #0                     | QPSK              | 23.04                                              | -3.3                              | 19.74                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 19957                 | 1                  | #Mid                   | QPSK              | 23.08                                              | -3.3                              | 19.78                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 19957                 | 1                  | #Max                   | QPSK              | 23.08                                              | -3.3                              | 19.78                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 19957                 | 3                  | #0                     | QPSK              | 22.94                                              | -3.3                              | 19.64                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 19957                 | 3                  | #Mid                   | QPSK              | 22.94                                              | -3.3                              | 19.64                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 19957                 | 3                  | #Max                   | QPSK              | 22.95                                              | -3.3                              | 19.65                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 19957                 | 6                  | #0                     | QPSK              | 22.05                                              | -3.3                              | 18.75                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 19957                 | 1                  | #0                     | QAM16             | 22.21                                              | -3.3                              | 18.91                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 19957                 | 1                  | #Mid                   | QAM16             | 22.17                                              | -3.3                              | 18.87                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 19957                 | 1                  | #Max                   | QAM16             | 22.25                                              | -3.3                              | 18.95                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 19957                 | 3                  | #0                     | QAM16             | 22.18                                              | -3.3                              | 18.88                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 19957                 | 3                  | #Mid                   | QAM16             | 22.16                                              | -3.3                              | 18.86                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 19957                 | 3                  | #Max                   | QAM16             | 22.15                                              | -3.3                              | 18.85                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 19957                 | 6                  | #0                     | QAM16             | 21.23                                              | -3.3                              | 17.93                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20175                 | 1                  | #0                     | QPSK              | 23                                                 | -3.3                              | 19.70                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20175                 | 1                  | #Mid                   | QPSK              | 23.03                                              | -3.3                              | 19.73                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20175                 | 1                  | #Max                   | QPSK              | 23.02                                              | -3.3                              | 19.72                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20175                 | 3                  | #0                     | QPSK              | 22.81                                              | -3.3                              | 19.51                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20175                 | 3                  | #Mid                   | QPSK              | 22.81                                              | -3.3                              | 19.51                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20175                 | 3                  | #Max                   | QPSK              | 22.84                                              | -3.3                              | 19.54                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20175                 | 6                  | #0                     | QPSK              | 21.95                                              | -3.3                              | 18.65                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20175                 | 1                  | #0                     | QAM16             | 22.15                                              | -3.3                              | 18.85                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20175                 | 1                  | #Mid                   | QAM16             | 22.08                                              | -3.3                              | 18.78                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20175                 | 1                  | #Max                   | QAM16             | 22.14                                              | -3.3                              | 18.84                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20175                 | 3                  | #0                     | QAM16             | 22.05                                              | -3.3                              | 18.75                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20175                 | 3                  | #Mid                   | QAM16             | 22.03                                              | -3.3                              | 18.73                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20175                 | 3                  | #Max                   | QAM16             | 22.07                                              | -3.3                              | 18.77                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20175                 | 6                  | #0                     | QAM16             | 21.07                                              | -3.3                              | 17.77                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20393                 | 1                  | #0                     | QPSK              | 22.95                                              | -3.3                              | 19.65                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20393                 | 1                  | #Mid                   | QPSK              | 23.01                                              | -3.3                              | 19.71                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20393                 | 1                  | #Max                   | QPSK              | 22.96                                              | -3.3                              | 19.66                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20393                 | 3                  | #0                     | QPSK              | 22.93                                              | -3.3                              | 19.63                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20393                 | 3                  | #Mid                   | QPSK              | 22.89                                              | -3.3                              | 19.59                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20393                 | 3                  | #Max                   | QPSK              | 22.92                                              | -3.3                              | 19.62                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20393                 | 6                  | #0                     | QPSK              | 21.97                                              | -3.3                              | 18.67                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20393                 | 1                  | #0                     | QAM16             | 22.2                                               | -3.3                              | 18.90                 | 30.00                 | PASS           |
| Band4       | 1.4                        | 20393                 | 1                  | #Mid                   | QAM16             | 22.16                                              | -3.3                              | 18.86                 | 30.00                 | PASS           |

|       |     |       |    |      |       |       |      |       |       |      |
|-------|-----|-------|----|------|-------|-------|------|-------|-------|------|
| Band4 | 1.4 | 20393 | 1  | #Max | QAM16 | 22.24 | -3.3 | 18.94 | 30.00 | PASS |
| Band4 | 1.4 | 20393 | 3  | #0   | QAM16 | 22.19 | -3.3 | 18.89 | 30.00 | PASS |
| Band4 | 1.4 | 20393 | 3  | #Mid | QAM16 | 22.2  | -3.3 | 18.90 | 30.00 | PASS |
| Band4 | 1.4 | 20393 | 3  | #Max | QAM16 | 22.16 | -3.3 | 18.86 | 30.00 | PASS |
| Band4 | 1.4 | 20393 | 6  | #0   | QAM16 | 21.15 | -3.3 | 17.85 | 30.00 | PASS |
| Band4 | 3   | 19965 | 1  | #0   | QPSK  | 23.08 | -3.3 | 19.78 | 30.00 | PASS |
| Band4 | 3   | 19965 | 1  | #Mid | QPSK  | 23.06 | -3.3 | 19.76 | 30.00 | PASS |
| Band4 | 3   | 19965 | 1  | #Max | QPSK  | 23.09 | -3.3 | 19.79 | 30.00 | PASS |
| Band4 | 3   | 19965 | 8  | #0   | QPSK  | 22.1  | -3.3 | 18.80 | 30.00 | PASS |
| Band4 | 3   | 19965 | 8  | #Mid | QPSK  | 22.09 | -3.3 | 18.79 | 30.00 | PASS |
| Band4 | 3   | 19965 | 8  | #Max | QPSK  | 22.1  | -3.3 | 18.80 | 30.00 | PASS |
| Band4 | 3   | 19965 | 15 | #0   | QPSK  | 22.12 | -3.3 | 18.82 | 30.00 | PASS |
| Band4 | 3   | 19965 | 1  | #0   | QAM16 | 22.47 | -3.3 | 19.17 | 30.00 | PASS |
| Band4 | 3   | 19965 | 1  | #Mid | QAM16 | 22.43 | -3.3 | 19.13 | 30.00 | PASS |
| Band4 | 3   | 19965 | 1  | #Max | QAM16 | 22.4  | -3.3 | 19.10 | 30.00 | PASS |
| Band4 | 3   | 19965 | 8  | #0   | QAM16 | 21.12 | -3.3 | 17.82 | 30.00 | PASS |
| Band4 | 3   | 19965 | 8  | #Mid | QAM16 | 21.12 | -3.3 | 17.82 | 30.00 | PASS |
| Band4 | 3   | 19965 | 8  | #Max | QAM16 | 21.13 | -3.3 | 17.83 | 30.00 | PASS |
| Band4 | 3   | 19965 | 15 | #0   | QAM16 | 21.18 | -3.3 | 17.88 | 30.00 | PASS |
| Band4 | 3   | 20175 | 1  | #0   | QPSK  | 22.98 | -3.3 | 19.68 | 30.00 | PASS |
| Band4 | 3   | 20175 | 1  | #Mid | QPSK  | 23.01 | -3.3 | 19.71 | 30.00 | PASS |
| Band4 | 3   | 20175 | 1  | #Max | QPSK  | 22.97 | -3.3 | 19.67 | 30.00 | PASS |
| Band4 | 3   | 20175 | 8  | #0   | QPSK  | 21.99 | -3.3 | 18.69 | 30.00 | PASS |
| Band4 | 3   | 20175 | 8  | #Mid | QPSK  | 21.98 | -3.3 | 18.68 | 30.00 | PASS |
| Band4 | 3   | 20175 | 8  | #Max | QPSK  | 22    | -3.3 | 18.70 | 30.00 | PASS |
| Band4 | 3   | 20175 | 15 | #0   | QPSK  | 22    | -3.3 | 18.70 | 30.00 | PASS |
| Band4 | 3   | 20175 | 1  | #0   | QAM16 | 22.24 | -3.3 | 18.94 | 30.00 | PASS |
| Band4 | 3   | 20175 | 1  | #Mid | QAM16 | 22.2  | -3.3 | 18.90 | 30.00 | PASS |
| Band4 | 3   | 20175 | 1  | #Max | QAM16 | 22.23 | -3.3 | 18.93 | 30.00 | PASS |
| Band4 | 3   | 20175 | 8  | #0   | QAM16 | 21.04 | -3.3 | 17.74 | 30.00 | PASS |
| Band4 | 3   | 20175 | 8  | #Mid | QAM16 | 21.02 | -3.3 | 17.72 | 30.00 | PASS |
| Band4 | 3   | 20175 | 8  | #Max | QAM16 | 21.02 | -3.3 | 17.72 | 30.00 | PASS |
| Band4 | 3   | 20175 | 15 | #0   | QAM16 | 20.95 | -3.3 | 17.65 | 30.00 | PASS |
| Band4 | 3   | 20385 | 1  | #0   | QPSK  | 23.09 | -3.3 | 19.79 | 30.00 | PASS |
| Band4 | 3   | 20385 | 1  | #Mid | QPSK  | 23.07 | -3.3 | 19.77 | 30.00 | PASS |
| Band4 | 3   | 20385 | 1  | #Max | QPSK  | 23.07 | -3.3 | 19.77 | 30.00 | PASS |
| Band4 | 3   | 20385 | 8  | #0   | QPSK  | 22.06 | -3.3 | 18.76 | 30.00 | PASS |
| Band4 | 3   | 20385 | 8  | #Mid | QPSK  | 22.06 | -3.3 | 18.76 | 30.00 | PASS |
| Band4 | 3   | 20385 | 8  | #Max | QPSK  | 22.07 | -3.3 | 18.77 | 30.00 | PASS |
| Band4 | 3   | 20385 | 15 | #0   | QPSK  | 22.06 | -3.3 | 18.76 | 30.00 | PASS |
| Band4 | 3   | 20385 | 1  | #0   | QAM16 | 21.95 | -3.3 | 18.65 | 30.00 | PASS |
| Band4 | 3   | 20385 | 1  | #Mid | QAM16 | 21.91 | -3.3 | 18.61 | 30.00 | PASS |
| Band4 | 3   | 20385 | 1  | #Max | QAM16 | 21.93 | -3.3 | 18.63 | 30.00 | PASS |
| Band4 | 3   | 20385 | 8  | #0   | QAM16 | 21.07 | -3.3 | 17.77 | 30.00 | PASS |

|       |   |       |    |      |       |       |      |       |       |      |
|-------|---|-------|----|------|-------|-------|------|-------|-------|------|
| Band4 | 3 | 20385 | 8  | #Mid | QAM16 | 21.07 | -3.3 | 17.77 | 30.00 | PASS |
| Band4 | 3 | 20385 | 8  | #Max | QAM16 | 21.07 | -3.3 | 17.77 | 30.00 | PASS |
| Band4 | 3 | 20385 | 15 | #0   | QAM16 | 21.16 | -3.3 | 17.86 | 30.00 | PASS |
| Band4 | 5 | 19975 | 1  | #0   | QPSK  | 23.2  | -3.3 | 19.90 | 30.00 | PASS |
| Band4 | 5 | 19975 | 1  | #Mid | QPSK  | 23.18 | -3.3 | 19.88 | 30.00 | PASS |
| Band4 | 5 | 19975 | 1  | #Max | QPSK  | 23.14 | -3.3 | 19.84 | 30.00 | PASS |
| Band4 | 5 | 19975 | 12 | #0   | QPSK  | 22.17 | -3.3 | 18.87 | 30.00 | PASS |
| Band4 | 5 | 19975 | 12 | #Mid | QPSK  | 22.11 | -3.3 | 18.81 | 30.00 | PASS |
| Band4 | 5 | 19975 | 12 | #Max | QPSK  | 22.11 | -3.3 | 18.81 | 30.00 | PASS |
| Band4 | 5 | 19975 | 25 | #0   | QPSK  | 22.18 | -3.3 | 18.88 | 30.00 | PASS |
| Band4 | 5 | 19975 | 1  | #0   | QAM16 | 22.63 | -3.3 | 19.33 | 30.00 | PASS |
| Band4 | 5 | 19975 | 1  | #Mid | QAM16 | 22.63 | -3.3 | 19.33 | 30.00 | PASS |
| Band4 | 5 | 19975 | 1  | #Max | QAM16 | 22.56 | -3.3 | 19.26 | 30.00 | PASS |
| Band4 | 5 | 19975 | 12 | #0   | QAM16 | 21.17 | -3.3 | 17.87 | 30.00 | PASS |
| Band4 | 5 | 19975 | 12 | #Mid | QAM16 | 21.1  | -3.3 | 17.80 | 30.00 | PASS |
| Band4 | 5 | 19975 | 12 | #Max | QAM16 | 21.12 | -3.3 | 17.82 | 30.00 | PASS |
| Band4 | 5 | 19975 | 25 | #0   | QAM16 | 21.08 | -3.3 | 17.78 | 30.00 | PASS |
| Band4 | 5 | 20175 | 1  | #0   | QPSK  | 23.06 | -3.3 | 19.76 | 30.00 | PASS |
| Band4 | 5 | 20175 | 1  | #Mid | QPSK  | 23.06 | -3.3 | 19.76 | 30.00 | PASS |
| Band4 | 5 | 20175 | 1  | #Max | QPSK  | 23.08 | -3.3 | 19.78 | 30.00 | PASS |
| Band4 | 5 | 20175 | 12 | #0   | QPSK  | 22.01 | -3.3 | 18.71 | 30.00 | PASS |
| Band4 | 5 | 20175 | 12 | #Mid | QPSK  | 22    | -3.3 | 18.70 | 30.00 | PASS |
| Band4 | 5 | 20175 | 12 | #Max | QPSK  | 21.99 | -3.3 | 18.69 | 30.00 | PASS |
| Band4 | 5 | 20175 | 25 | #0   | QPSK  | 22.05 | -3.3 | 18.75 | 30.00 | PASS |
| Band4 | 5 | 20175 | 1  | #0   | QAM16 | 22.38 | -3.3 | 19.08 | 30.00 | PASS |
| Band4 | 5 | 20175 | 1  | #Mid | QAM16 | 22.41 | -3.3 | 19.11 | 30.00 | PASS |
| Band4 | 5 | 20175 | 1  | #Max | QAM16 | 22.39 | -3.3 | 19.09 | 30.00 | PASS |
| Band4 | 5 | 20175 | 12 | #0   | QAM16 | 21.01 | -3.3 | 17.71 | 30.00 | PASS |
| Band4 | 5 | 20175 | 12 | #Mid | QAM16 | 20.97 | -3.3 | 17.67 | 30.00 | PASS |
| Band4 | 5 | 20175 | 12 | #Max | QAM16 | 20.98 | -3.3 | 17.68 | 30.00 | PASS |
| Band4 | 5 | 20175 | 25 | #0   | QAM16 | 21.06 | -3.3 | 17.76 | 30.00 | PASS |
| Band4 | 5 | 20375 | 1  | #0   | QPSK  | 23.03 | -3.3 | 19.73 | 30.00 | PASS |
| Band4 | 5 | 20375 | 1  | #Mid | QPSK  | 23.03 | -3.3 | 19.73 | 30.00 | PASS |
| Band4 | 5 | 20375 | 1  | #Max | QPSK  | 23.05 | -3.3 | 19.75 | 30.00 | PASS |
| Band4 | 5 | 20375 | 12 | #0   | QPSK  | 22.09 | -3.3 | 18.79 | 30.00 | PASS |
| Band4 | 5 | 20375 | 12 | #Mid | QPSK  | 22.09 | -3.3 | 18.79 | 30.00 | PASS |
| Band4 | 5 | 20375 | 12 | #Max | QPSK  | 22.08 | -3.3 | 18.78 | 30.00 | PASS |
| Band4 | 5 | 20375 | 25 | #0   | QPSK  | 22.15 | -3.3 | 18.85 | 30.00 | PASS |
| Band4 | 5 | 20375 | 1  | #0   | QAM16 | 22.36 | -3.3 | 19.06 | 30.00 | PASS |
| Band4 | 5 | 20375 | 1  | #Mid | QAM16 | 22.35 | -3.3 | 19.05 | 30.00 | PASS |
| Band4 | 5 | 20375 | 1  | #Max | QAM16 | 22.42 | -3.3 | 19.12 | 30.00 | PASS |
| Band4 | 5 | 20375 | 12 | #0   | QAM16 | 21.14 | -3.3 | 17.84 | 30.00 | PASS |
| Band4 | 5 | 20375 | 12 | #Mid | QAM16 | 21.11 | -3.3 | 17.81 | 30.00 | PASS |
| Band4 | 5 | 20375 | 12 | #Max | QAM16 | 21.13 | -3.3 | 17.83 | 30.00 | PASS |

|       |    |       |    |      |       |       |      |       |       |      |
|-------|----|-------|----|------|-------|-------|------|-------|-------|------|
| Band4 | 5  | 20375 | 25 | #0   | QAM16 | 21.1  | -3.3 | 17.80 | 30.00 | PASS |
| Band4 | 10 | 20000 | 1  | #0   | QPSK  | 23.21 | -3.3 | 19.91 | 30.00 | PASS |
| Band4 | 10 | 20000 | 1  | #Mid | QPSK  | 23.07 | -3.3 | 19.77 | 30.00 | PASS |
| Band4 | 10 | 20000 | 1  | #Max | QPSK  | 23.1  | -3.3 | 19.80 | 30.00 | PASS |
| Band4 | 10 | 20000 | 25 | #0   | QPSK  | 22.1  | -3.3 | 18.80 | 30.00 | PASS |
| Band4 | 10 | 20000 | 25 | #Mid | QPSK  | 22.07 | -3.3 | 18.77 | 30.00 | PASS |
| Band4 | 10 | 20000 | 25 | #Max | QPSK  | 22.06 | -3.3 | 18.76 | 30.00 | PASS |
| Band4 | 10 | 20000 | 50 | #0   | QPSK  | 22.08 | -3.3 | 18.78 | 30.00 | PASS |
| Band4 | 10 | 20000 | 1  | #0   | QAM16 | 22.53 | -3.3 | 19.23 | 30.00 | PASS |
| Band4 | 10 | 20000 | 1  | #Mid | QAM16 | 22.38 | -3.3 | 19.08 | 30.00 | PASS |
| Band4 | 10 | 20000 | 1  | #Max | QAM16 | 22.42 | -3.3 | 19.12 | 30.00 | PASS |
| Band4 | 10 | 20000 | 25 | #0   | QAM16 | 21.11 | -3.3 | 17.81 | 30.00 | PASS |
| Band4 | 10 | 20000 | 25 | #Mid | QAM16 | 21.06 | -3.3 | 17.76 | 30.00 | PASS |
| Band4 | 10 | 20000 | 25 | #Max | QAM16 | 21.06 | -3.3 | 17.76 | 30.00 | PASS |
| Band4 | 10 | 20000 | 50 | #0   | QAM16 | 21.08 | -3.3 | 17.78 | 30.00 | PASS |
| Band4 | 10 | 20175 | 1  | #0   | QPSK  | 23.06 | -3.3 | 19.76 | 30.00 | PASS |
| Band4 | 10 | 20175 | 1  | #Mid | QPSK  | 22.97 | -3.3 | 19.67 | 30.00 | PASS |
| Band4 | 10 | 20175 | 1  | #Max | QPSK  | 23.02 | -3.3 | 19.72 | 30.00 | PASS |
| Band4 | 10 | 20175 | 25 | #0   | QPSK  | 22.02 | -3.3 | 18.72 | 30.00 | PASS |
| Band4 | 10 | 20175 | 25 | #Mid | QPSK  | 22.01 | -3.3 | 18.71 | 30.00 | PASS |
| Band4 | 10 | 20175 | 25 | #Max | QPSK  | 22.01 | -3.3 | 18.71 | 30.00 | PASS |
| Band4 | 10 | 20175 | 50 | #0   | QPSK  | 22.02 | -3.3 | 18.72 | 30.00 | PASS |
| Band4 | 10 | 20175 | 1  | #0   | QAM16 | 22.23 | -3.3 | 18.93 | 30.00 | PASS |
| Band4 | 10 | 20175 | 1  | #Mid | QAM16 | 22.2  | -3.3 | 18.90 | 30.00 | PASS |
| Band4 | 10 | 20175 | 1  | #Max | QAM16 | 22.2  | -3.3 | 18.90 | 30.00 | PASS |
| Band4 | 10 | 20175 | 25 | #0   | QAM16 | 21.01 | -3.3 | 17.71 | 30.00 | PASS |
| Band4 | 10 | 20175 | 25 | #Mid | QAM16 | 20.99 | -3.3 | 17.69 | 30.00 | PASS |
| Band4 | 10 | 20175 | 25 | #Max | QAM16 | 21    | -3.3 | 17.70 | 30.00 | PASS |
| Band4 | 10 | 20175 | 50 | #0   | QAM16 | 21.07 | -3.3 | 17.77 | 30.00 | PASS |
| Band4 | 10 | 20350 | 1  | #0   | QPSK  | 23.09 | -3.3 | 19.79 | 30.00 | PASS |
| Band4 | 10 | 20350 | 1  | #Mid | QPSK  | 23.04 | -3.3 | 19.74 | 30.00 | PASS |
| Band4 | 10 | 20350 | 1  | #Max | QPSK  | 23.11 | -3.3 | 19.81 | 30.00 | PASS |
| Band4 | 10 | 20350 | 25 | #0   | QPSK  | 21.99 | -3.3 | 18.69 | 30.00 | PASS |
| Band4 | 10 | 20350 | 25 | #Mid | QPSK  | 22.01 | -3.3 | 18.71 | 30.00 | PASS |
| Band4 | 10 | 20350 | 25 | #Max | QPSK  | 22.03 | -3.3 | 18.73 | 30.00 | PASS |
| Band4 | 10 | 20350 | 50 | #0   | QPSK  | 22.04 | -3.3 | 18.74 | 30.00 | PASS |
| Band4 | 10 | 20350 | 1  | #0   | QAM16 | 21.95 | -3.3 | 18.65 | 30.00 | PASS |
| Band4 | 10 | 20350 | 1  | #Mid | QAM16 | 21.9  | -3.3 | 18.60 | 30.00 | PASS |
| Band4 | 10 | 20350 | 1  | #Max | QAM16 | 21.93 | -3.3 | 18.63 | 30.00 | PASS |
| Band4 | 10 | 20350 | 25 | #0   | QAM16 | 20.99 | -3.3 | 17.69 | 30.00 | PASS |
| Band4 | 10 | 20350 | 25 | #Mid | QAM16 | 21    | -3.3 | 17.70 | 30.00 | PASS |
| Band4 | 10 | 20350 | 25 | #Max | QAM16 | 21.01 | -3.3 | 17.71 | 30.00 | PASS |
| Band4 | 10 | 20350 | 50 | #0   | QAM16 | 21.02 | -3.3 | 17.72 | 30.00 | PASS |
| Band4 | 15 | 20025 | 1  | #0   | QPSK  | 23.21 | -3.3 | 19.91 | 30.00 | PASS |

|       |    |       |    |      |       |       |      |       |       |      |
|-------|----|-------|----|------|-------|-------|------|-------|-------|------|
| Band4 | 15 | 20025 | 1  | #Mid | QPSK  | 23.04 | -3.3 | 19.74 | 30.00 | PASS |
| Band4 | 15 | 20025 | 1  | #Max | QPSK  | 23.04 | -3.3 | 19.74 | 30.00 | PASS |
| Band4 | 15 | 20025 | 36 | #0   | QPSK  | 22.06 | -3.3 | 18.76 | 30.00 | PASS |
| Band4 | 15 | 20025 | 36 | #Mid | QPSK  | 21.97 | -3.3 | 18.67 | 30.00 | PASS |
| Band4 | 15 | 20025 | 36 | #Max | QPSK  | 21.97 | -3.3 | 18.67 | 30.00 | PASS |
| Band4 | 15 | 20025 | 75 | #0   | QPSK  | 22.05 | -3.3 | 18.75 | 30.00 | PASS |
| Band4 | 15 | 20025 | 1  | #0   | QAM16 | 22.58 | -3.3 | 19.28 | 30.00 | PASS |
| Band4 | 15 | 20025 | 1  | #Mid | QAM16 | 22.36 | -3.3 | 19.06 | 30.00 | PASS |
| Band4 | 15 | 20025 | 1  | #Max | QAM16 | 22.4  | -3.3 | 19.10 | 30.00 | PASS |
| Band4 | 15 | 20025 | 36 | #0   | QAM16 | 21.12 | -3.3 | 17.82 | 30.00 | PASS |
| Band4 | 15 | 20025 | 36 | #Mid | QAM16 | 21.03 | -3.3 | 17.73 | 30.00 | PASS |
| Band4 | 15 | 20025 | 36 | #Max | QAM16 | 21.01 | -3.3 | 17.71 | 30.00 | PASS |
| Band4 | 15 | 20025 | 75 | #0   | QAM16 | 21.05 | -3.3 | 17.75 | 30.00 | PASS |
| Band4 | 15 | 20175 | 1  | #0   | QPSK  | 23.07 | -3.3 | 19.77 | 30.00 | PASS |
| Band4 | 15 | 20175 | 1  | #Mid | QPSK  | 23.05 | -3.3 | 19.75 | 30.00 | PASS |
| Band4 | 15 | 20175 | 1  | #Max | QPSK  | 22.99 | -3.3 | 19.69 | 30.00 | PASS |
| Band4 | 15 | 20175 | 36 | #0   | QPSK  | 22    | -3.3 | 18.70 | 30.00 | PASS |
| Band4 | 15 | 20175 | 36 | #Mid | QPSK  | 21.97 | -3.3 | 18.67 | 30.00 | PASS |
| Band4 | 15 | 20175 | 36 | #Max | QPSK  | 21.97 | -3.3 | 18.67 | 30.00 | PASS |
| Band4 | 15 | 20175 | 75 | #0   | QPSK  | 22.01 | -3.3 | 18.71 | 30.00 | PASS |
| Band4 | 15 | 20175 | 1  | #0   | QAM16 | 22.31 | -3.3 | 19.01 | 30.00 | PASS |
| Band4 | 15 | 20175 | 1  | #Mid | QAM16 | 22.22 | -3.3 | 18.92 | 30.00 | PASS |
| Band4 | 15 | 20175 | 1  | #Max | QAM16 | 22.21 | -3.3 | 18.91 | 30.00 | PASS |
| Band4 | 15 | 20175 | 36 | #0   | QAM16 | 21.09 | -3.3 | 17.79 | 30.00 | PASS |
| Band4 | 15 | 20175 | 36 | #Mid | QAM16 | 21.05 | -3.3 | 17.75 | 30.00 | PASS |
| Band4 | 15 | 20175 | 36 | #Max | QAM16 | 21.06 | -3.3 | 17.76 | 30.00 | PASS |
| Band4 | 15 | 20175 | 75 | #0   | QAM16 | 21    | -3.3 | 17.70 | 30.00 | PASS |
| Band4 | 15 | 20325 | 1  | #0   | QPSK  | 23.23 | -3.3 | 19.93 | 30.00 | PASS |
| Band4 | 15 | 20325 | 1  | #Mid | QPSK  | 23.1  | -3.3 | 19.80 | 30.00 | PASS |
| Band4 | 15 | 20325 | 1  | #Max | QPSK  | 23.15 | -3.3 | 19.85 | 30.00 | PASS |
| Band4 | 15 | 20325 | 36 | #0   | QPSK  | 22.02 | -3.3 | 18.72 | 30.00 | PASS |
| Band4 | 15 | 20325 | 36 | #Mid | QPSK  | 21.95 | -3.3 | 18.65 | 30.00 | PASS |
| Band4 | 15 | 20325 | 36 | #Max | QPSK  | 21.99 | -3.3 | 18.69 | 30.00 | PASS |
| Band4 | 15 | 20325 | 75 | #0   | QPSK  | 22.05 | -3.3 | 18.75 | 30.00 | PASS |
| Band4 | 15 | 20325 | 1  | #0   | QAM16 | 22.21 | -3.3 | 18.91 | 30.00 | PASS |
| Band4 | 15 | 20325 | 1  | #Mid | QAM16 | 22.06 | -3.3 | 18.76 | 30.00 | PASS |
| Band4 | 15 | 20325 | 1  | #Max | QAM16 | 22.17 | -3.3 | 18.87 | 30.00 | PASS |
| Band4 | 15 | 20325 | 36 | #0   | QAM16 | 21.02 | -3.3 | 17.72 | 30.00 | PASS |
| Band4 | 15 | 20325 | 36 | #Mid | QAM16 | 20.95 | -3.3 | 17.65 | 30.00 | PASS |
| Band4 | 15 | 20325 | 36 | #Max | QAM16 | 20.98 | -3.3 | 17.68 | 30.00 | PASS |
| Band4 | 15 | 20325 | 75 | #0   | QAM16 | 21.09 | -3.3 | 17.79 | 30.00 | PASS |
| Band4 | 20 | 20050 | 1  | #0   | QPSK  | 23.2  | -3.3 | 19.90 | 30.00 | PASS |
| Band4 | 20 | 20050 | 1  | #Mid | QPSK  | 23.1  | -3.3 | 19.80 | 30.00 | PASS |
| Band4 | 20 | 20050 | 1  | #Max | QPSK  | 23.07 | -3.3 | 19.77 | 30.00 | PASS |

|       |    |       |     |      |       |       |      |       |       |      |
|-------|----|-------|-----|------|-------|-------|------|-------|-------|------|
| Band4 | 20 | 20050 | 50  | #0   | QPSK  | 22.05 | -3.3 | 18.75 | 30.00 | PASS |
| Band4 | 20 | 20050 | 50  | #Mid | QPSK  | 22.02 | -3.3 | 18.72 | 30.00 | PASS |
| Band4 | 20 | 20050 | 50  | #Max | QPSK  | 22    | -3.3 | 18.70 | 30.00 | PASS |
| Band4 | 20 | 20050 | 100 | #0   | QPSK  | 22.06 | -3.3 | 18.76 | 30.00 | PASS |
| Band4 | 20 | 20050 | 1   | #0   | QAM16 | 22.68 | -3.3 | 19.38 | 30.00 | PASS |
| Band4 | 20 | 20050 | 1   | #Mid | QAM16 | 22.4  | -3.3 | 19.10 | 30.00 | PASS |
| Band4 | 20 | 20050 | 1   | #Max | QAM16 | 22.48 | -3.3 | 19.18 | 30.00 | PASS |
| Band4 | 20 | 20050 | 50  | #0   | QAM16 | 21.15 | -3.3 | 17.85 | 30.00 | PASS |
| Band4 | 20 | 20050 | 50  | #Mid | QAM16 | 21.07 | -3.3 | 17.77 | 30.00 | PASS |
| Band4 | 20 | 20050 | 50  | #Max | QAM16 | 21.07 | -3.3 | 17.77 | 30.00 | PASS |
| Band4 | 20 | 20050 | 100 | #0   | QAM16 | 21.08 | -3.3 | 17.78 | 30.00 | PASS |
| Band4 | 20 | 20175 | 1   | #0   | QPSK  | 23.14 | -3.3 | 19.84 | 30.00 | PASS |
| Band4 | 20 | 20175 | 1   | #Mid | QPSK  | 23.13 | -3.3 | 19.83 | 30.00 | PASS |
| Band4 | 20 | 20175 | 1   | #Max | QPSK  | 23.08 | -3.3 | 19.78 | 30.00 | PASS |
| Band4 | 20 | 20175 | 50  | #0   | QPSK  | 22.05 | -3.3 | 18.75 | 30.00 | PASS |
| Band4 | 20 | 20175 | 50  | #Mid | QPSK  | 22.04 | -3.3 | 18.74 | 30.00 | PASS |
| Band4 | 20 | 20175 | 50  | #Max | QPSK  | 22.01 | -3.3 | 18.71 | 30.00 | PASS |
| Band4 | 20 | 20175 | 100 | #0   | QPSK  | 22.05 | -3.3 | 18.75 | 30.00 | PASS |
| Band4 | 20 | 20175 | 1   | #0   | QAM16 | 22.35 | -3.3 | 19.05 | 30.00 | PASS |
| Band4 | 20 | 20175 | 1   | #Mid | QAM16 | 22.26 | -3.3 | 18.96 | 30.00 | PASS |
| Band4 | 20 | 20175 | 1   | #Max | QAM16 | 22.29 | -3.3 | 18.99 | 30.00 | PASS |
| Band4 | 20 | 20175 | 50  | #0   | QAM16 | 21.04 | -3.3 | 17.74 | 30.00 | PASS |
| Band4 | 20 | 20175 | 50  | #Mid | QAM16 | 21.02 | -3.3 | 17.72 | 30.00 | PASS |
| Band4 | 20 | 20175 | 50  | #Max | QAM16 | 21.01 | -3.3 | 17.71 | 30.00 | PASS |
| Band4 | 20 | 20175 | 100 | #0   | QAM16 | 21.07 | -3.3 | 17.77 | 30.00 | PASS |
| Band4 | 20 | 20300 | 1   | #0   | QPSK  | 23.14 | -3.3 | 19.84 | 30.00 | PASS |
| Band4 | 20 | 20300 | 1   | #Mid | QPSK  | 23.05 | -3.3 | 19.75 | 30.00 | PASS |
| Band4 | 20 | 20300 | 1   | #Max | QPSK  | 23.08 | -3.3 | 19.78 | 30.00 | PASS |
| Band4 | 20 | 20300 | 50  | #0   | QPSK  | 22.06 | -3.3 | 18.76 | 30.00 | PASS |
| Band4 | 20 | 20300 | 50  | #Mid | QPSK  | 22.03 | -3.3 | 18.73 | 30.00 | PASS |
| Band4 | 20 | 20300 | 50  | #Max | QPSK  | 22.02 | -3.3 | 18.72 | 30.00 | PASS |
| Band4 | 20 | 20300 | 100 | #0   | QPSK  | 22.07 | -3.3 | 18.77 | 30.00 | PASS |
| Band4 | 20 | 20300 | 1   | #0   | QAM16 | 22.47 | -3.3 | 19.17 | 30.00 | PASS |
| Band4 | 20 | 20300 | 1   | #Mid | QAM16 | 22.3  | -3.3 | 19.00 | 30.00 | PASS |
| Band4 | 20 | 20300 | 1   | #Max | QAM16 | 22.4  | -3.3 | 19.10 | 30.00 | PASS |
| Band4 | 20 | 20300 | 50  | #0   | QAM16 | 21.12 | -3.3 | 17.82 | 30.00 | PASS |
| Band4 | 20 | 20300 | 50  | #Mid | QAM16 | 21.09 | -3.3 | 17.79 | 30.00 | PASS |
| Band4 | 20 | 20300 | 50  | #Max | QAM16 | 21.08 | -3.3 | 17.78 | 30.00 | PASS |
| Band4 | 20 | 20300 | 100 | #0   | QAM16 | 21.11 | -3.3 | 17.81 | 30.00 | PASS |

## 2 Frequency stability

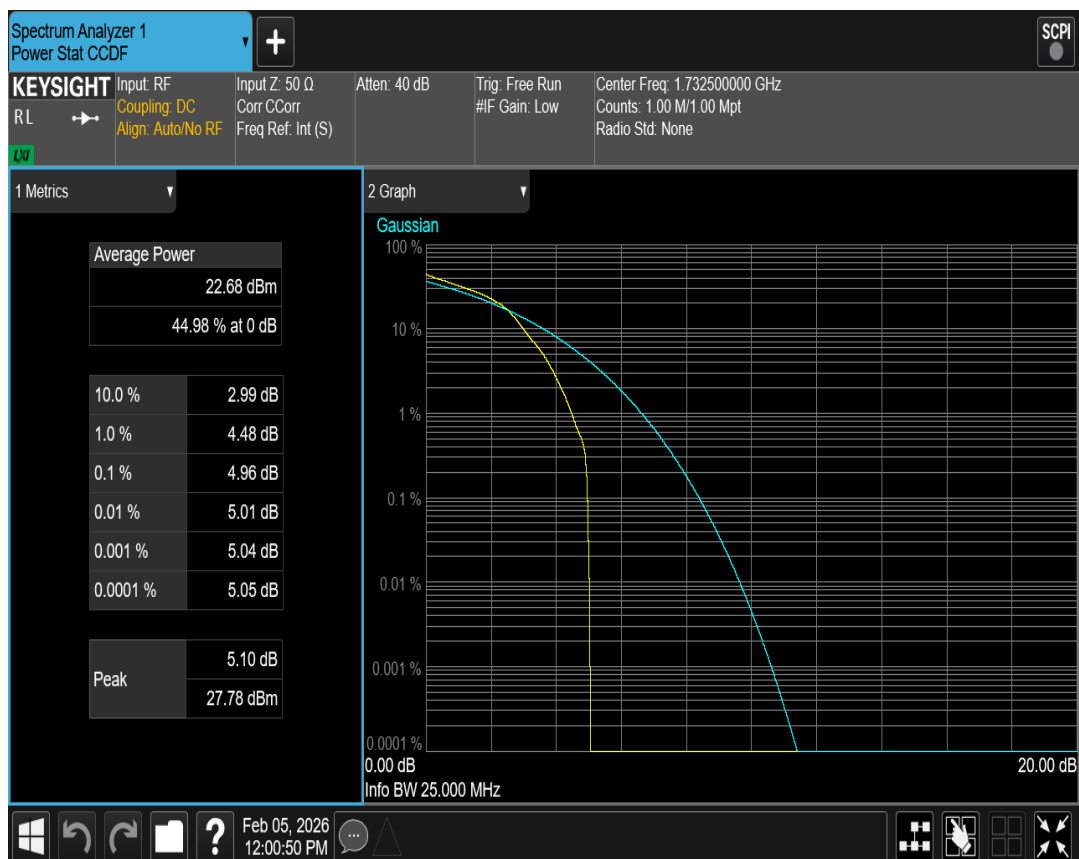
| <i>Band</i> | <i>Bandwidth<br/>(MHz)</i> | <i>UL<br/>Channel</i> | <i>RB<br/>Size</i> | <i>RB<br/>Position</i> | <i>Modulation</i> | <i>Result(Hz)</i> | <i>Result<br/>(ppm)</i> | <i>Low<br/>Limit<br/>(ppm)</i> | <i>high<br/>Limit<br/>(ppm)</i> | <i>Verdict</i> |
|-------------|----------------------------|-----------------------|--------------------|------------------------|-------------------|-------------------|-------------------------|--------------------------------|---------------------------------|----------------|
| Band4       | 20                         | 20050                 | 100                | #0                     | QPSK              | 2.36              | 0.00137                 | -2.5                           | 2.5                             | PASS           |
| Band4       | 20                         | 20050                 | 100                | #0                     | QAM16             | -4.70             | -0.00273                | -2.5                           | 2.5                             | PASS           |
| Band4       | 20                         | 20175                 | 100                | #0                     | QPSK              | 2.17              | 0.00125                 | -2.5                           | 2.5                             | PASS           |
| Band4       | 20                         | 20175                 | 100                | #0                     | QAM16             | -0.81             | -0.00047                | -2.5                           | 2.5                             | PASS           |
| Band4       | 20                         | 20300                 | 100                | #0                     | QPSK              | -4.43             | -0.00254                | -2.5                           | 2.5                             | PASS           |
| Band4       | 20                         | 20300                 | 100                | #0                     | QAM16             | -2.08             | -0.00119                | -2.5                           | 2.5                             | PASS           |

Note: (Voltage: 3.92V, Temperature: 25°C) only reflect the worst mode.

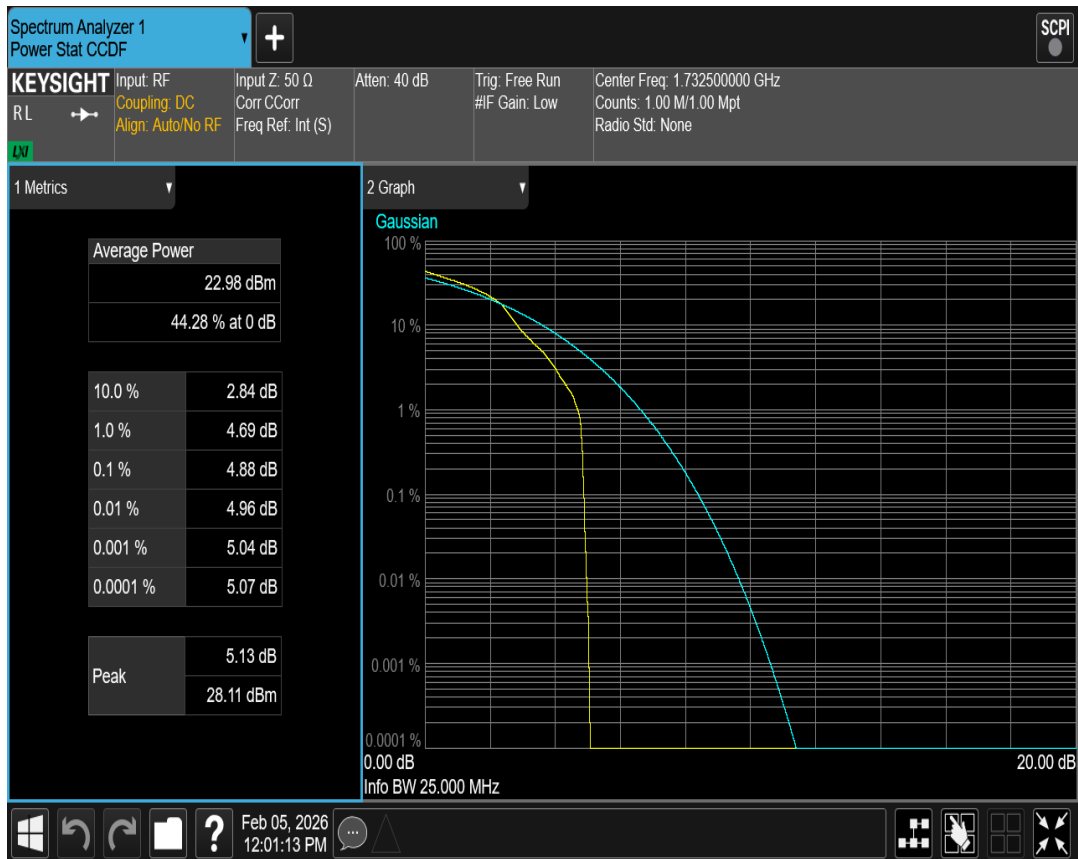
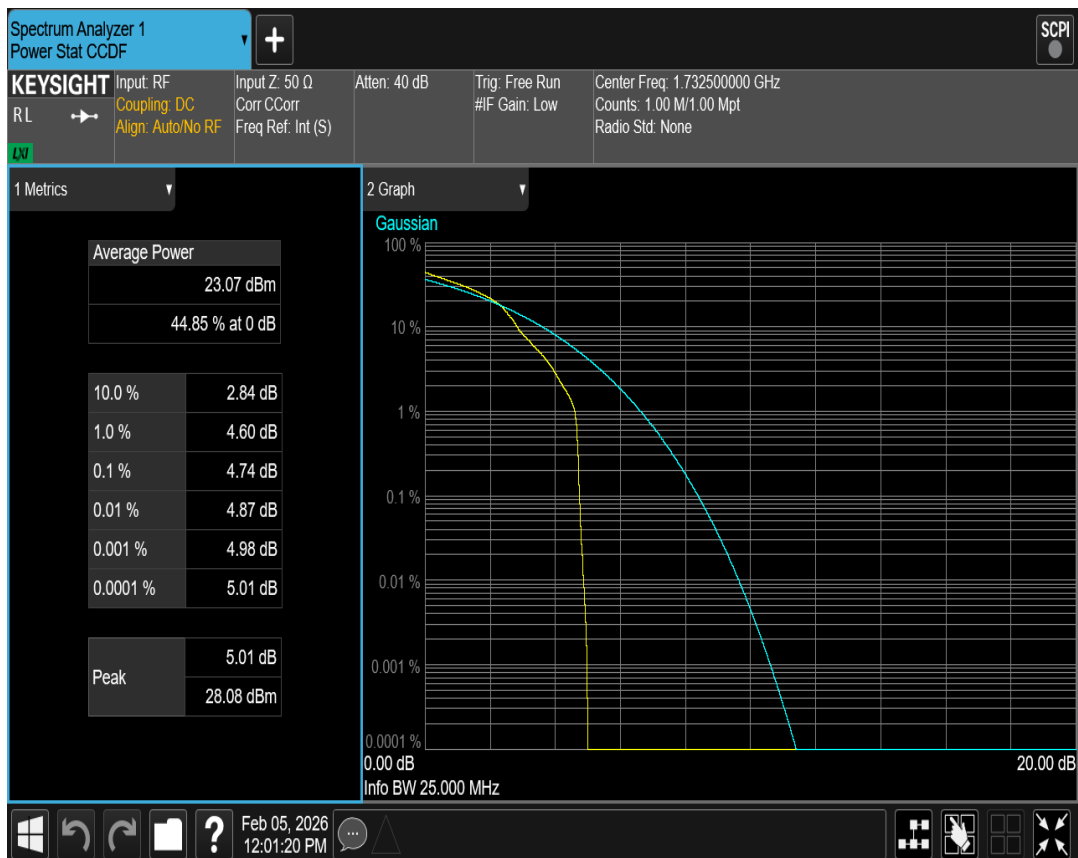
### 3 Peak-to-Average Ratio

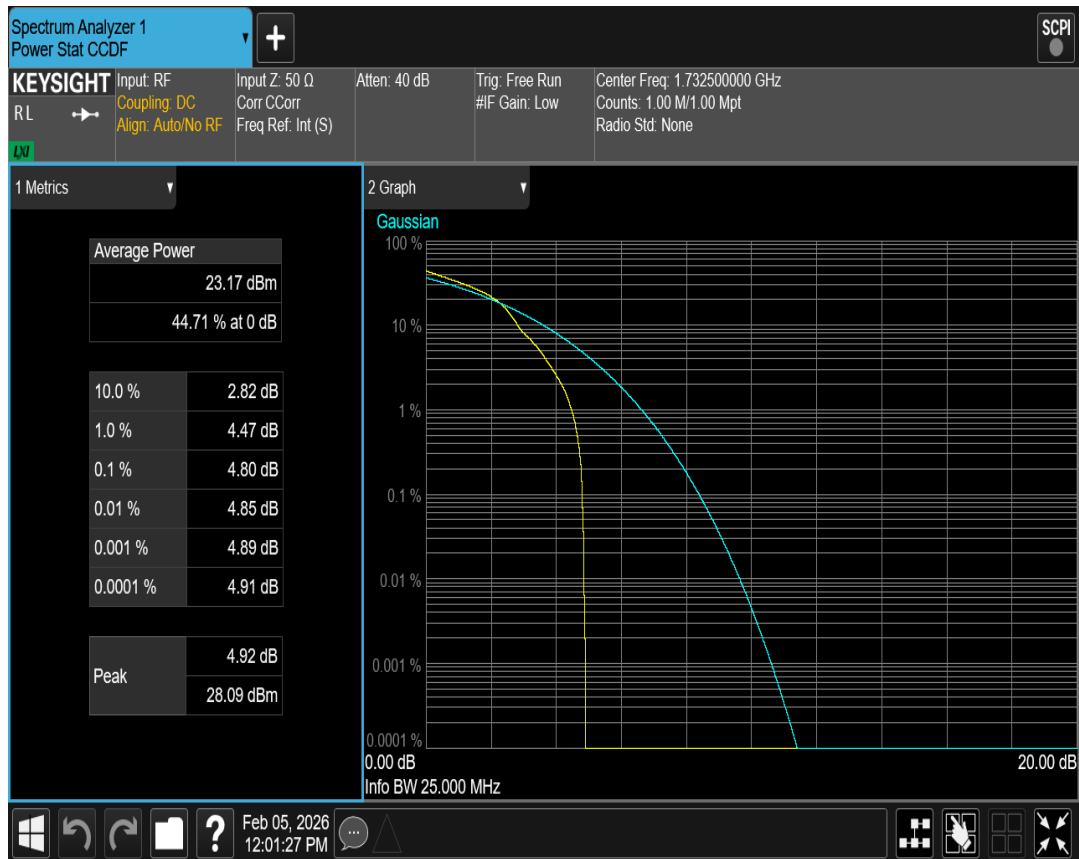
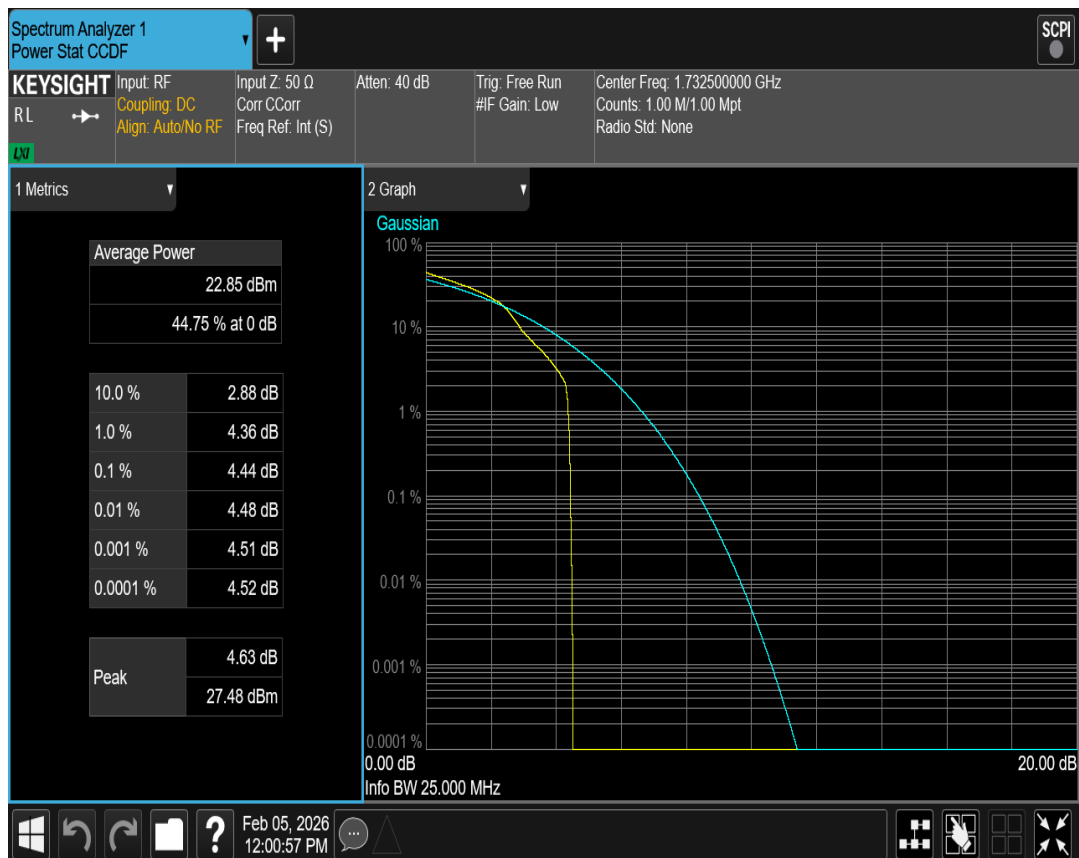
| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Result (dB) | high Limit (dB) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-------------|-----------------|---------|
| Band4 | 1.4             | 20175      | 1       | #0          | QPSK       | 4.33        | 13              | PASS    |
| Band4 | 1.4             | 20175      | 1       | #0          | QAM16      | 4.96        | 13              | PASS    |
| Band4 | 3               | 20175      | 1       | #0          | QPSK       | 4.41        | 13              | PASS    |
| Band4 | 3               | 20175      | 1       | #0          | QAM16      | 4.44        | 13              | PASS    |
| Band4 | 5               | 20175      | 1       | #0          | QPSK       | 4.19        | 13              | PASS    |
| Band4 | 5               | 20175      | 1       | #0          | QAM16      | 4.87        | 13              | PASS    |
| Band4 | 10              | 20175      | 1       | #0          | QPSK       | 4.17        | 13              | PASS    |
| Band4 | 10              | 20175      | 1       | #0          | QAM16      | 4.88        | 13              | PASS    |
| Band4 | 15              | 20175      | 1       | #0          | QPSK       | 3.95        | 13              | PASS    |
| Band4 | 15              | 20175      | 1       | #0          | QAM16      | 4.74        | 13              | PASS    |
| Band4 | 20              | 20175      | 1       | #0          | QPSK       | 4.05        | 13              | PASS    |
| Band4 | 20              | 20175      | 1       | #0          | QAM16      | 4.80        | 13              | PASS    |

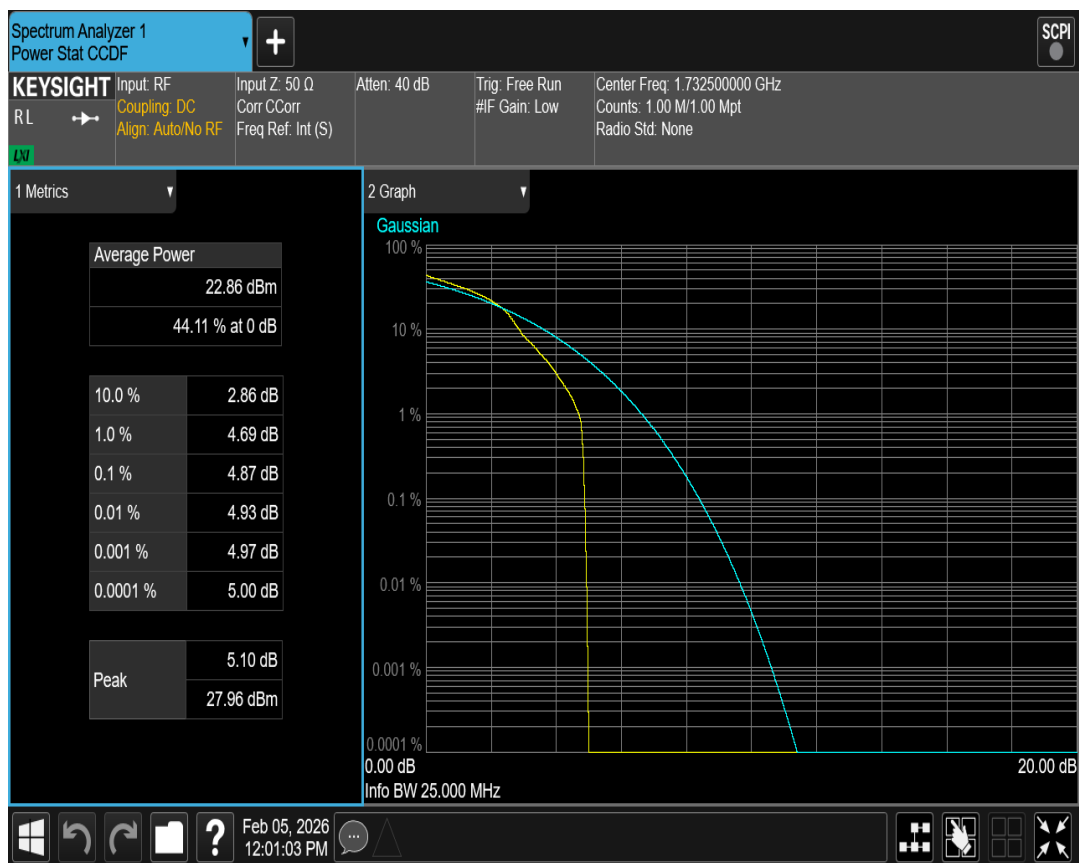
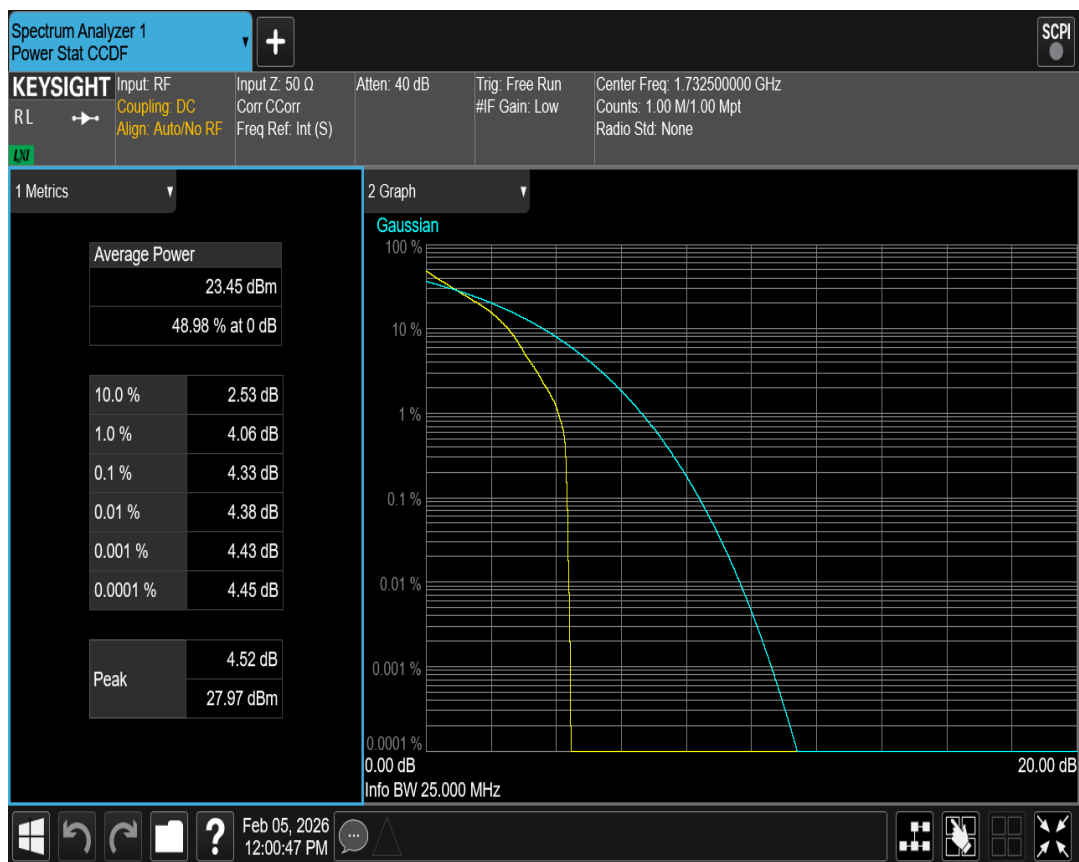
**Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0**

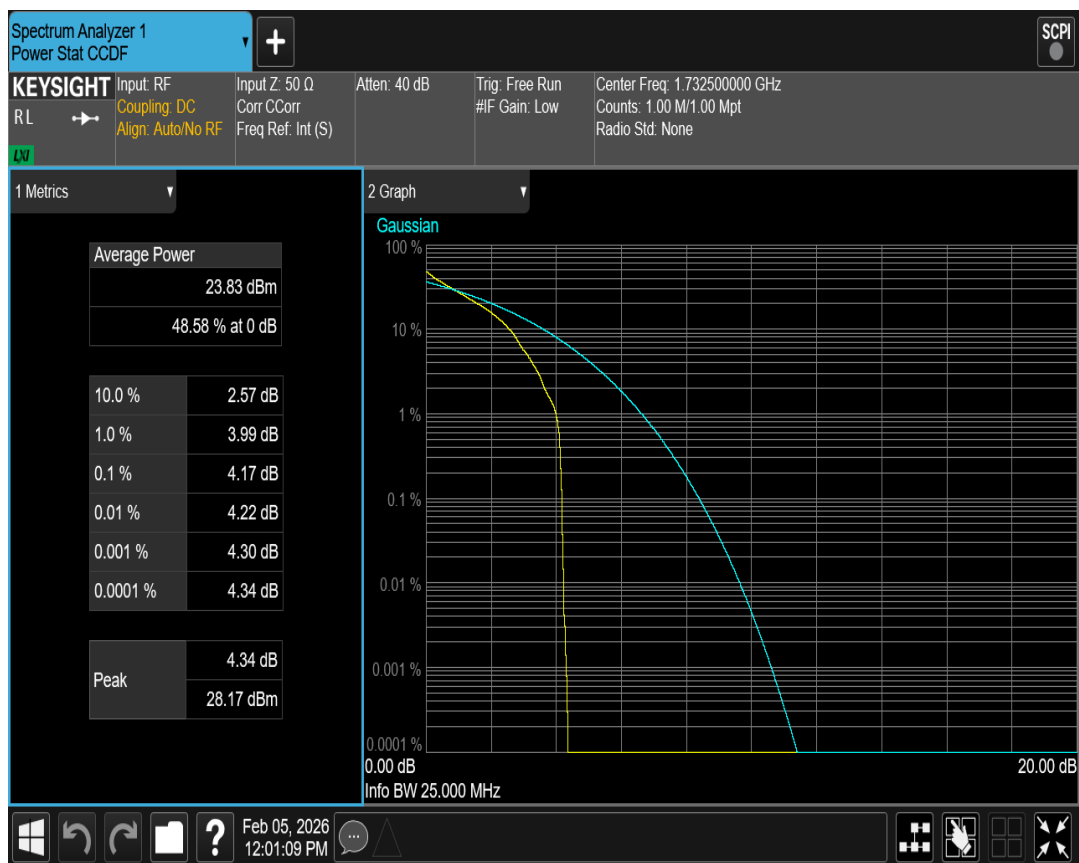
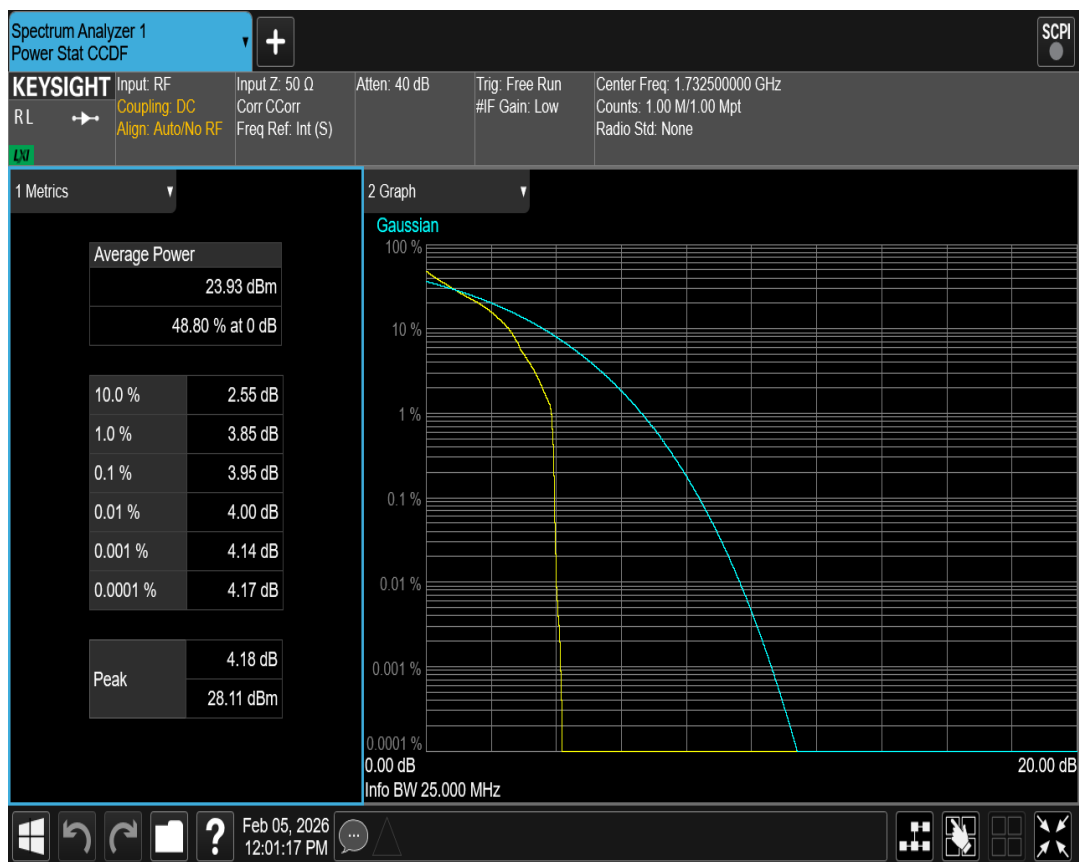


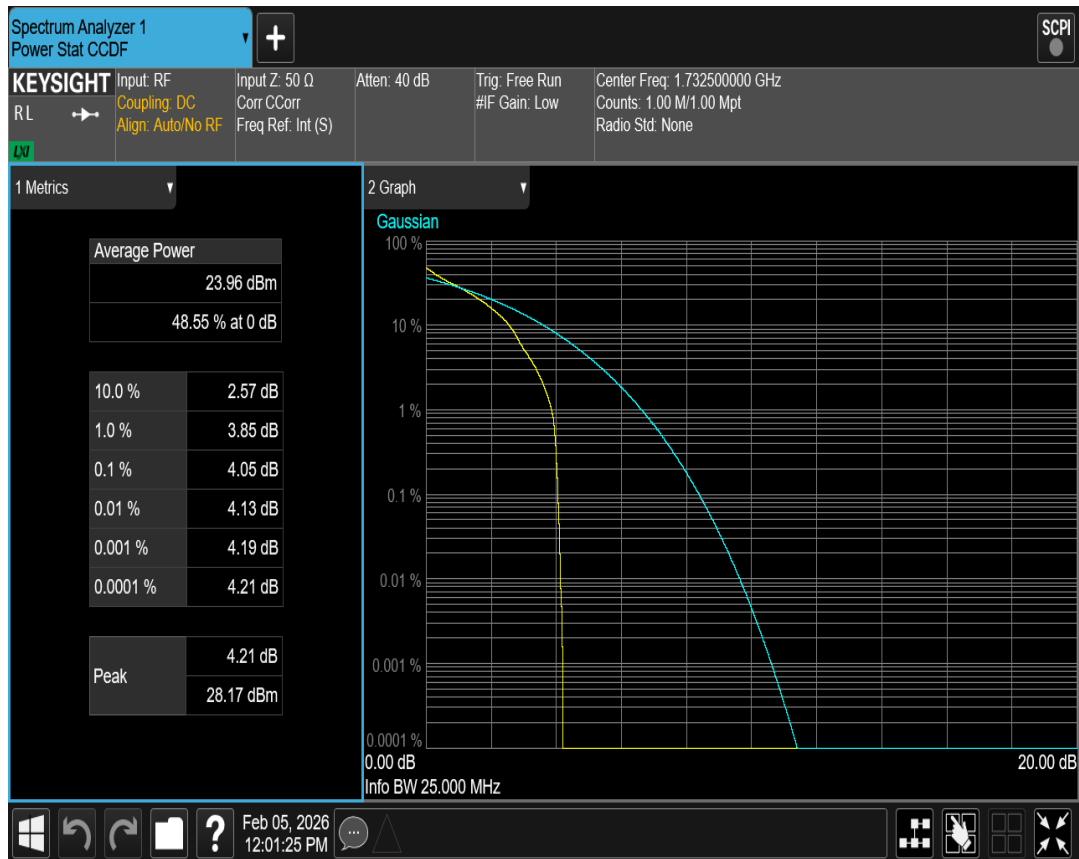
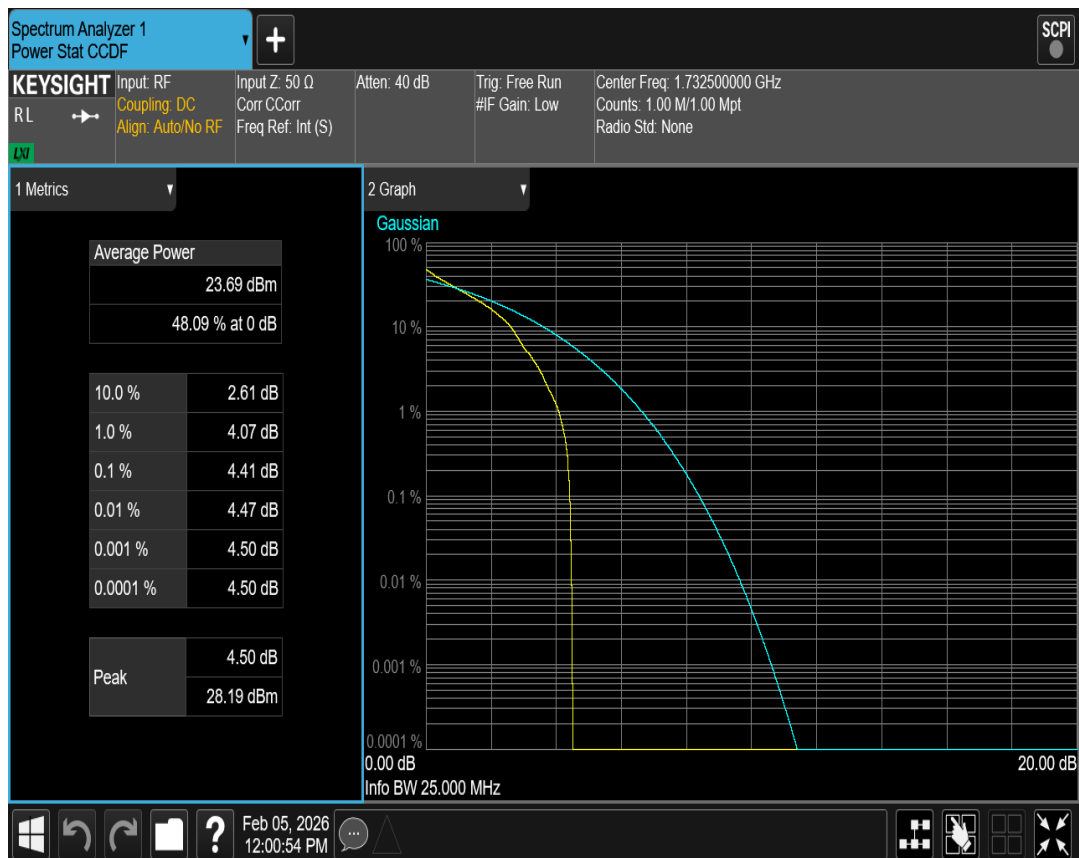
**Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0**

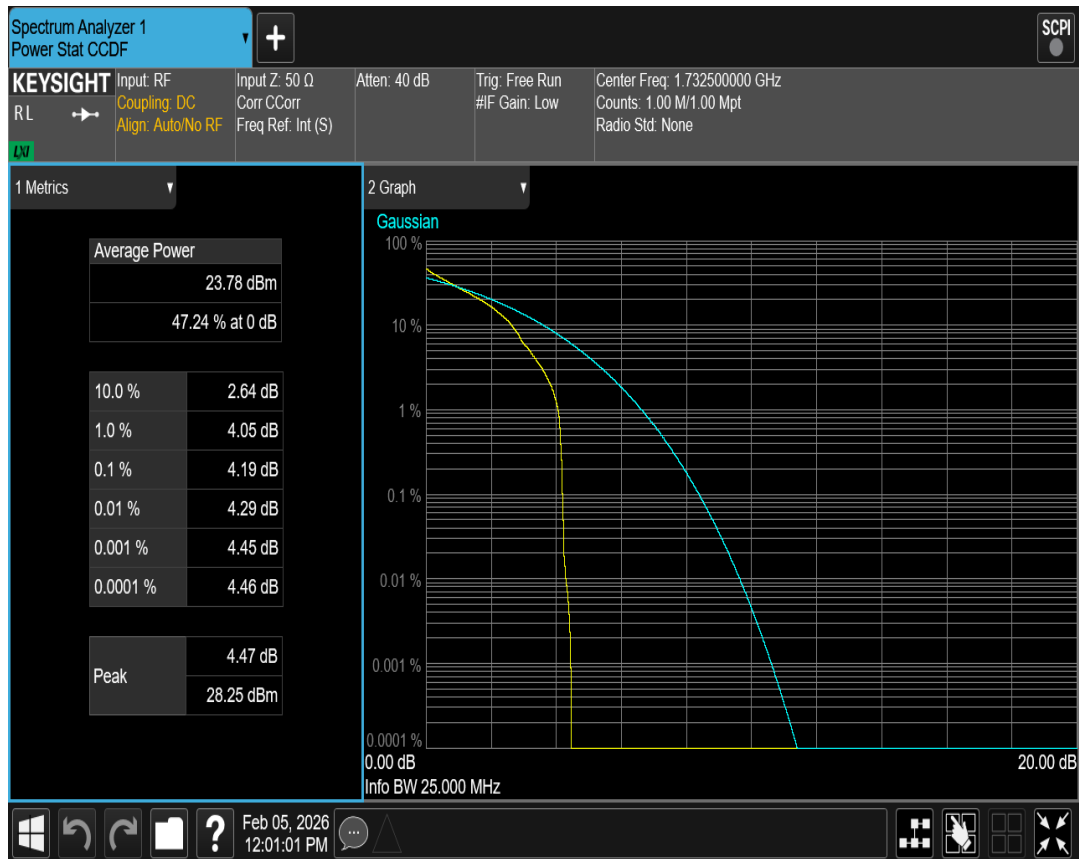
**Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0****Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0**

**Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0****Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0**

**Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0****Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0**

**Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0****Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0**

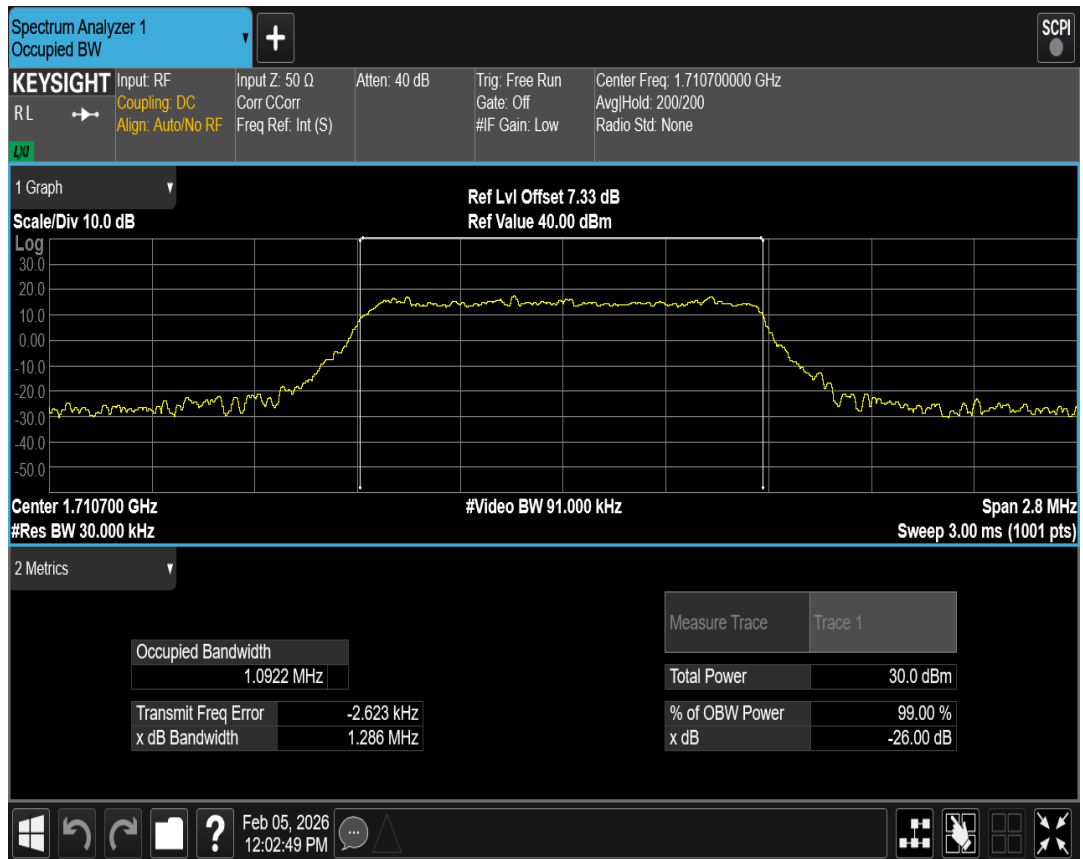
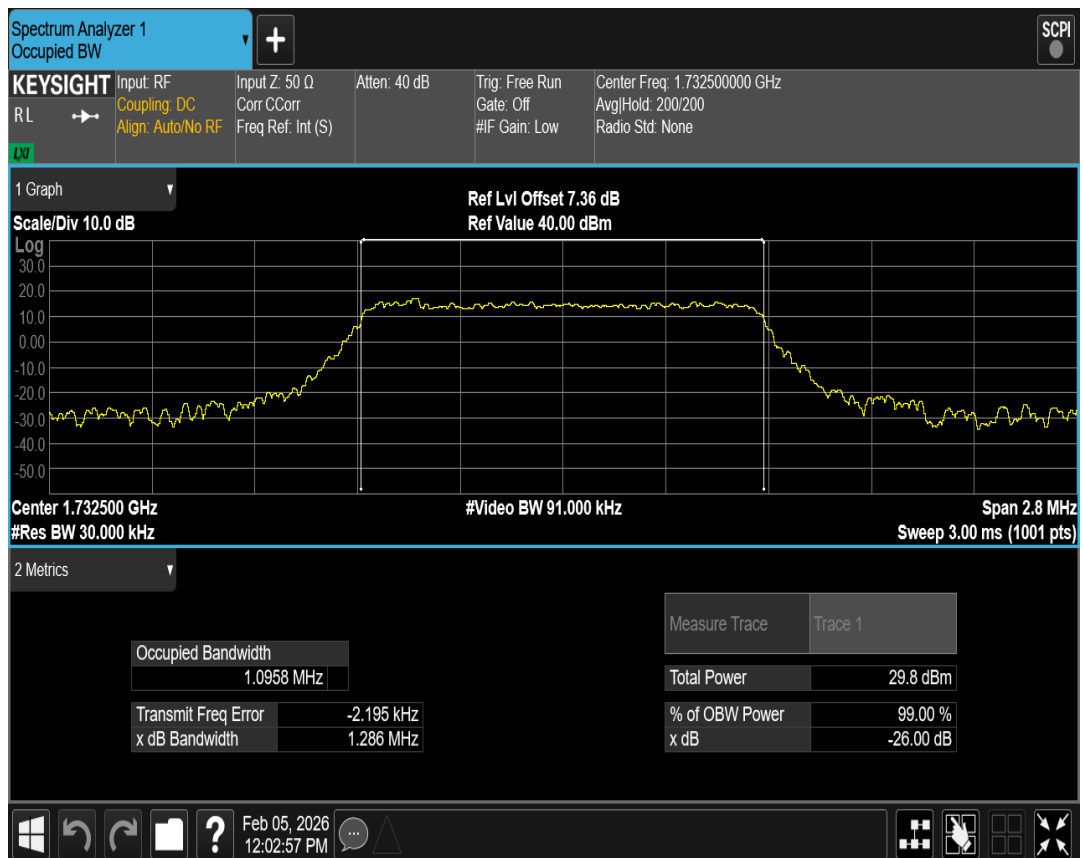
**Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0****Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0**

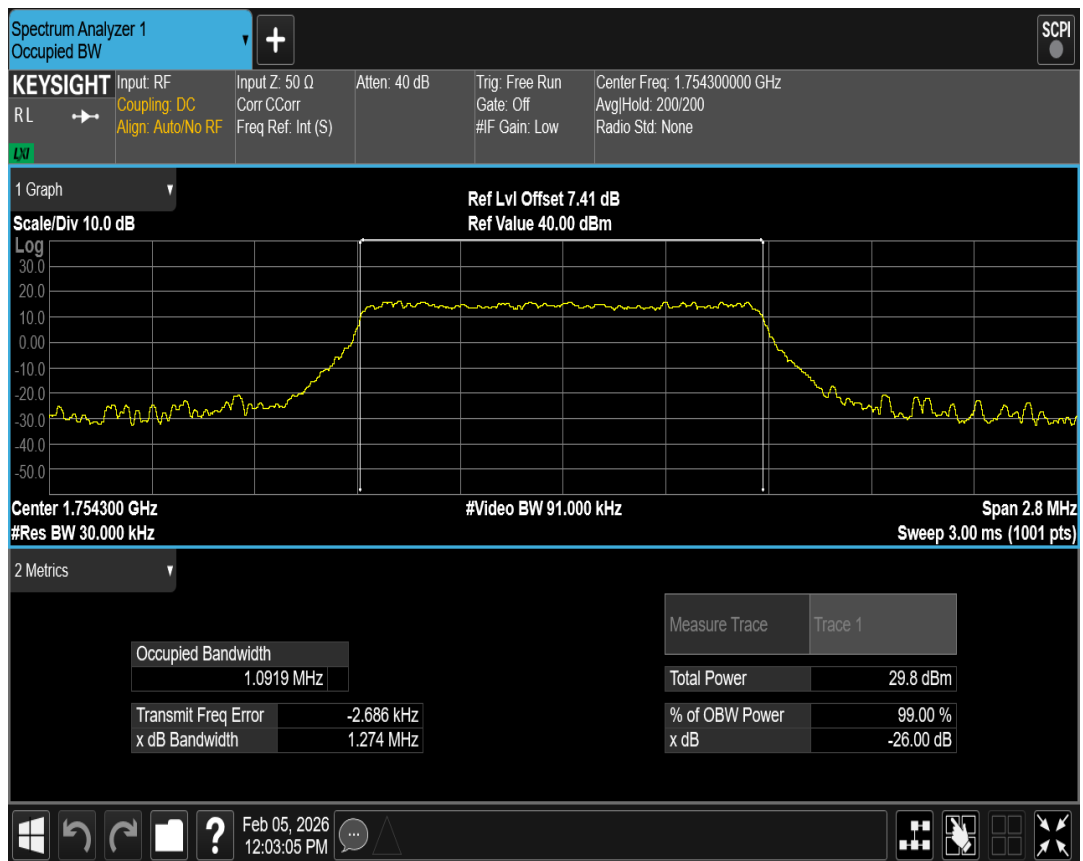


## 4 Occupied bandwidth

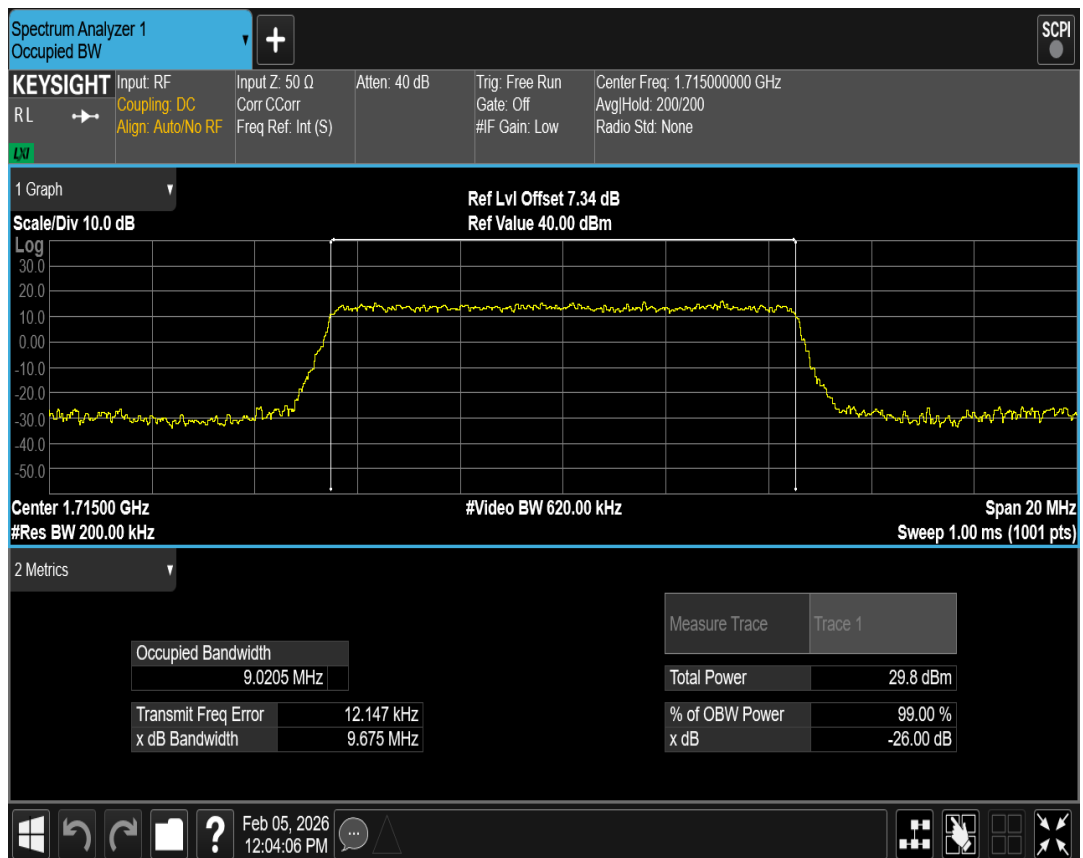
| <b>Band</b> | <b>Bandwidth<br/>(MHz)</b> | <b>UL<br/>Channel</b> | <b>RB<br/>Size</b> | <b>RB<br/>Position</b> | <b>Modulation</b> | <b>99%<br/>OBW<br/>(MHz)</b> | <b>-26dB<br/>EBW<br/>(MHz)</b> | <b>Verdict</b> |
|-------------|----------------------------|-----------------------|--------------------|------------------------|-------------------|------------------------------|--------------------------------|----------------|
| Band4       | 1.4                        | 19957                 | 6                  | #0                     | QPSK              | 1.100                        | 1.295                          | PASS           |
| Band4       | 1.4                        | 19957                 | 6                  | #0                     | QAM16             | 1.092                        | 1.286                          | PASS           |
| Band4       | 1.4                        | 20175                 | 6                  | #0                     | QPSK              | 1.096                        | 1.274                          | PASS           |
| Band4       | 1.4                        | 20175                 | 6                  | #0                     | QAM16             | 1.096                        | 1.286                          | PASS           |
| Band4       | 1.4                        | 20393                 | 6                  | #0                     | QPSK              | 1.094                        | 1.288                          | PASS           |
| Band4       | 1.4                        | 20393                 | 6                  | #0                     | QAM16             | 1.092                        | 1.274                          | PASS           |
| Band4       | 3                          | 19965                 | 15                 | #0                     | QPSK              | 2.694                        | 2.939                          | PASS           |
| Band4       | 3                          | 19965                 | 15                 | #0                     | QAM16             | 2.693                        | 2.926                          | PASS           |
| Band4       | 3                          | 20175                 | 15                 | #0                     | QPSK              | 2.692                        | 2.958                          | PASS           |
| Band4       | 3                          | 20175                 | 15                 | #0                     | QAM16             | 2.687                        | 2.954                          | PASS           |
| Band4       | 3                          | 20385                 | 15                 | #0                     | QPSK              | 2.699                        | 2.945                          | PASS           |
| Band4       | 3                          | 20385                 | 15                 | #0                     | QAM16             | 2.696                        | 2.945                          | PASS           |
| Band4       | 5                          | 19975                 | 25                 | #0                     | QPSK              | 4.525                        | 4.947                          | PASS           |
| Band4       | 5                          | 19975                 | 25                 | #0                     | QAM16             | 4.513                        | 4.902                          | PASS           |
| Band4       | 5                          | 20175                 | 25                 | #0                     | QPSK              | 4.506                        | 4.944                          | PASS           |
| Band4       | 5                          | 20175                 | 25                 | #0                     | QAM16             | 4.525                        | 4.949                          | PASS           |
| Band4       | 5                          | 20375                 | 25                 | #0                     | QPSK              | 4.508                        | 4.971                          | PASS           |
| Band4       | 5                          | 20375                 | 25                 | #0                     | QAM16             | 4.517                        | 5.029                          | PASS           |
| Band4       | 10                         | 20000                 | 50                 | #0                     | QPSK              | 8.986                        | 9.783                          | PASS           |
| Band4       | 10                         | 20000                 | 50                 | #0                     | QAM16             | 9.020                        | 9.675                          | PASS           |
| Band4       | 10                         | 20175                 | 50                 | #0                     | QPSK              | 8.993                        | 9.792                          | PASS           |
| Band4       | 10                         | 20175                 | 50                 | #0                     | QAM16             | 9.001                        | 9.693                          | PASS           |
| Band4       | 10                         | 20350                 | 50                 | #0                     | QPSK              | 8.987                        | 9.758                          | PASS           |
| Band4       | 10                         | 20350                 | 50                 | #0                     | QAM16             | 8.982                        | 9.746                          | PASS           |
| Band4       | 15                         | 20025                 | 75                 | #0                     | QPSK              | 13.478                       | 14.673                         | PASS           |
| Band4       | 15                         | 20025                 | 75                 | #0                     | QAM16             | 13.452                       | 14.602                         | PASS           |
| Band4       | 15                         | 20175                 | 75                 | #0                     | QPSK              | 13.477                       | 14.643                         | PASS           |
| Band4       | 15                         | 20175                 | 75                 | #0                     | QAM16             | 13.494                       | 14.605                         | PASS           |
| Band4       | 15                         | 20325                 | 75                 | #0                     | QPSK              | 13.497                       | 14.567                         | PASS           |
| Band4       | 15                         | 20325                 | 75                 | #0                     | QAM16             | 13.468                       | 14.511                         | PASS           |
| Band4       | 20                         | 20050                 | 100                | #0                     | QPSK              | 17.932                       | 19.410                         | PASS           |
| Band4       | 20                         | 20050                 | 100                | #0                     | QAM16             | 17.969                       | 19.226                         | PASS           |
| Band4       | 20                         | 20175                 | 100                | #0                     | QPSK              | 17.978                       | 19.390                         | PASS           |
| Band4       | 20                         | 20175                 | 100                | #0                     | QAM16             | 18.019                       | 19.226                         | PASS           |
| Band4       | 20                         | 20300                 | 100                | #0                     | QPSK              | 17.981                       | 19.348                         | PASS           |
| Band4       | 20                         | 20300                 | 100                | #0                     | QAM16             | 17.956                       | 19.521                         | PASS           |

**Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0**

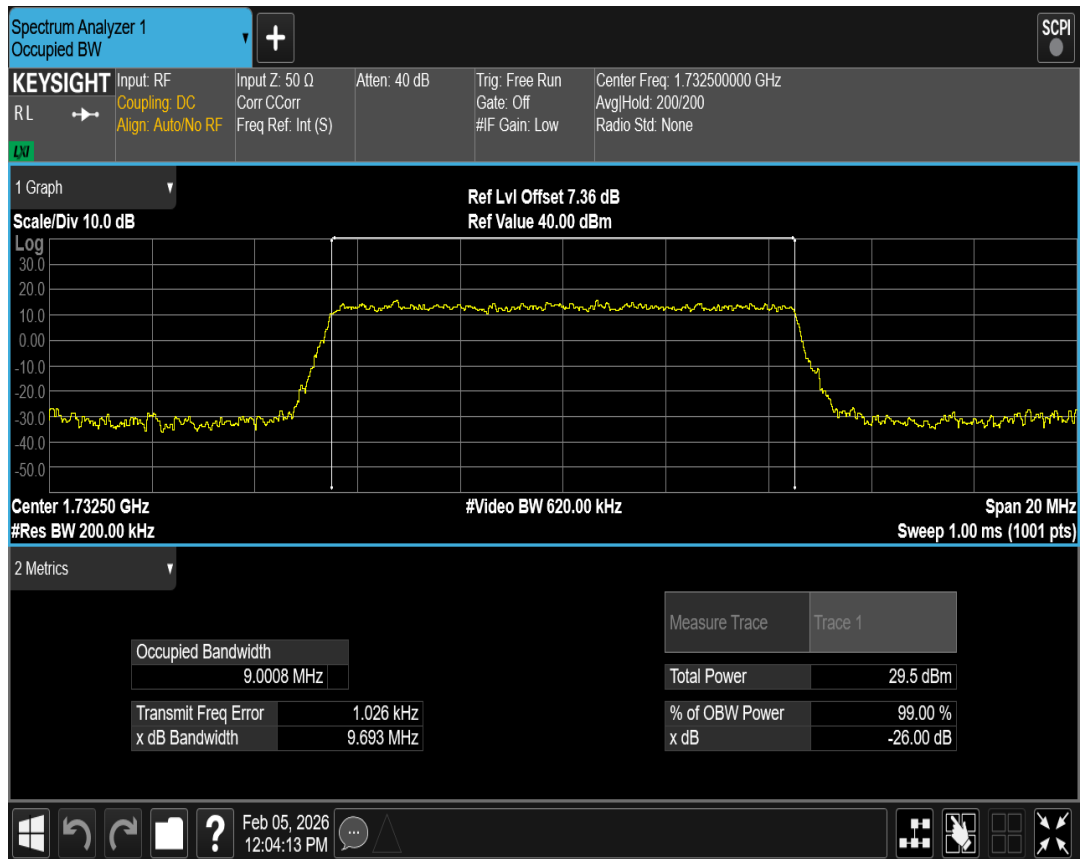
**Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0****Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0**



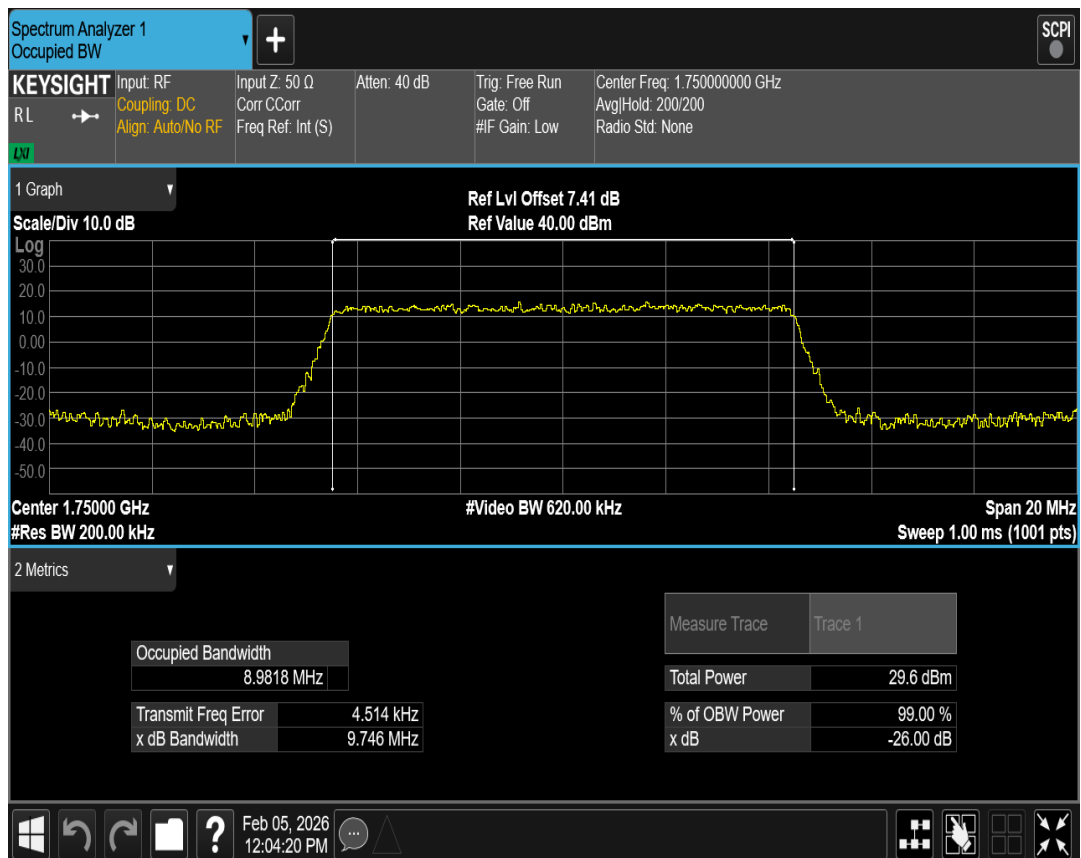
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



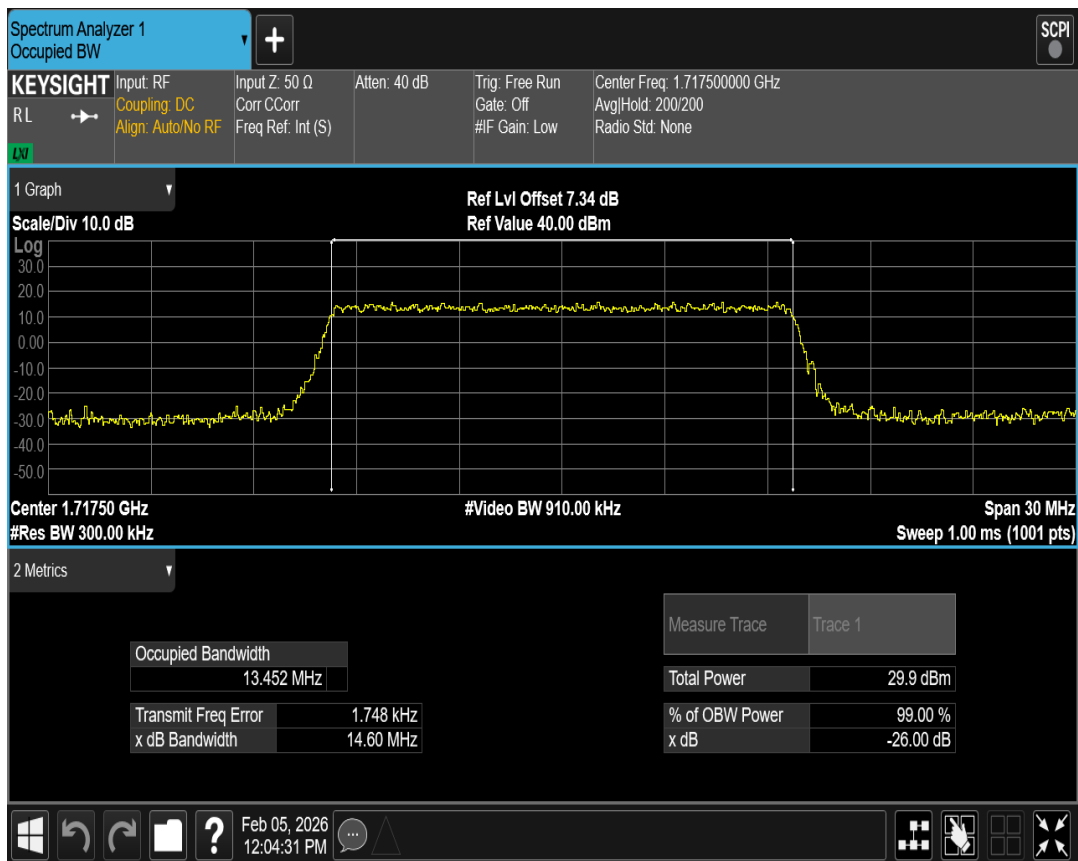
Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0



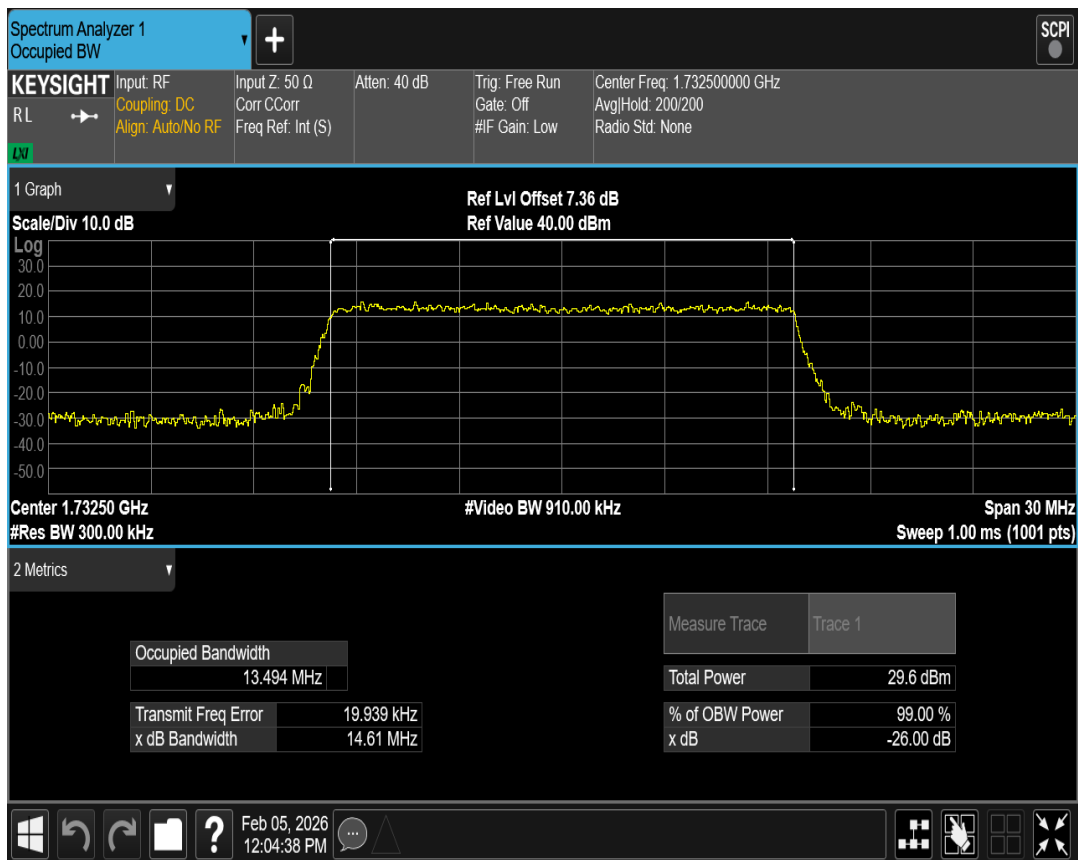
Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



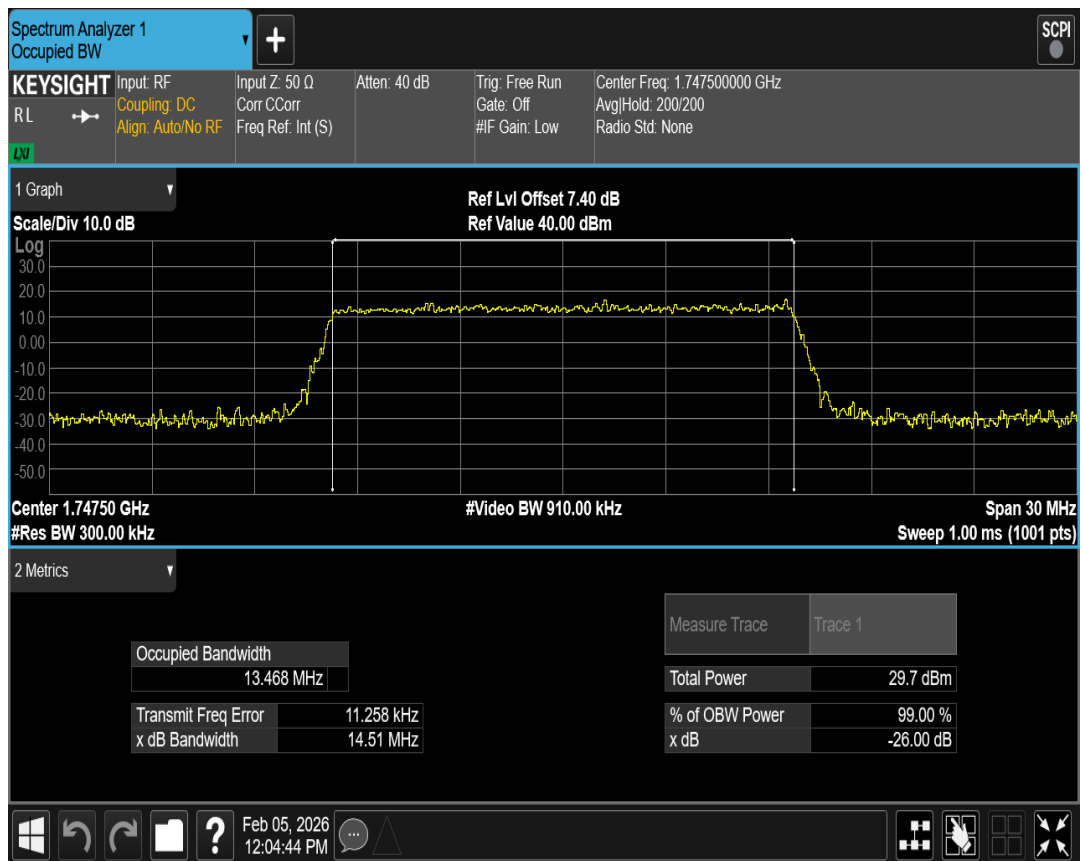
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



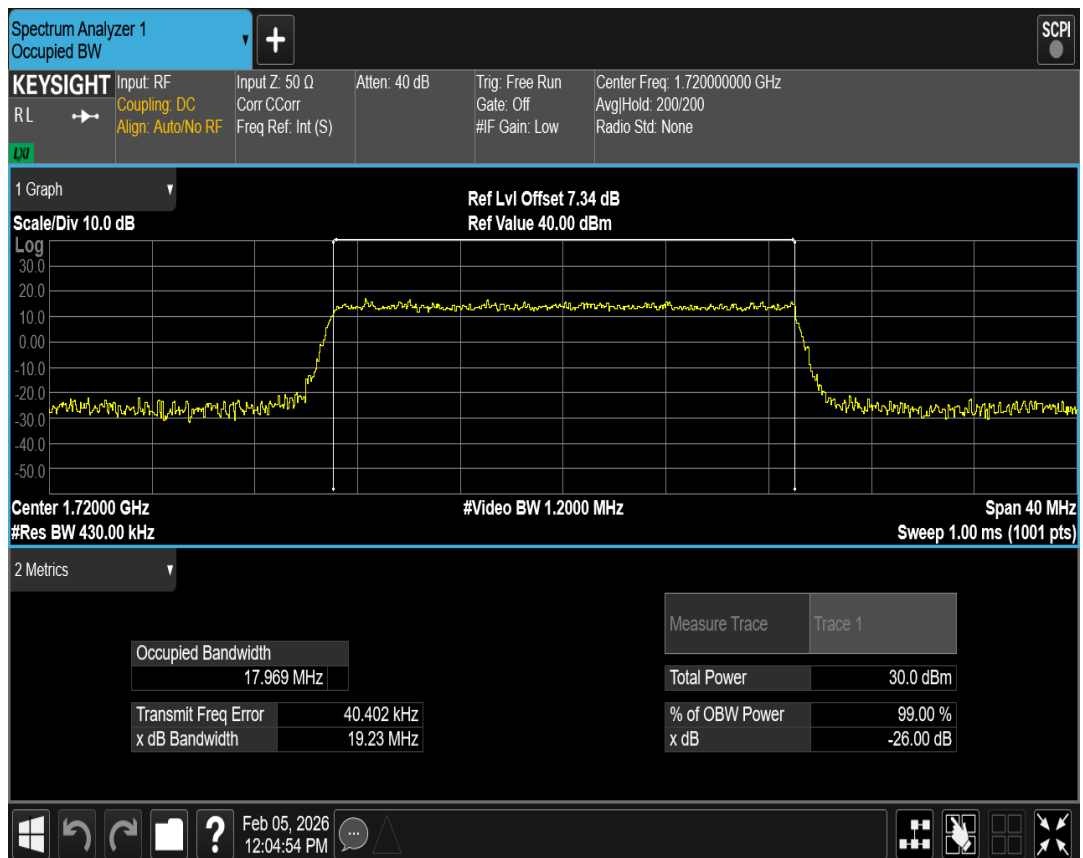
Band4 QAM16 BW=15MHz Channel=20175 RB Size=75 Position=#0



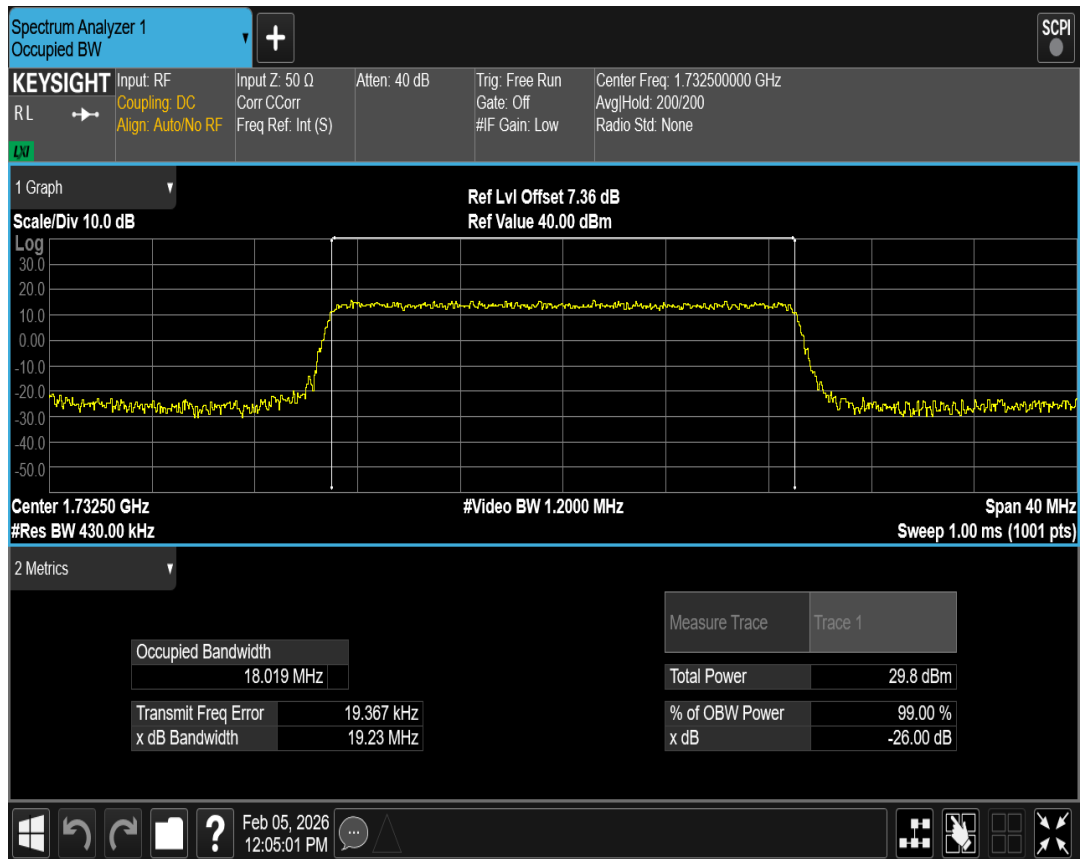
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



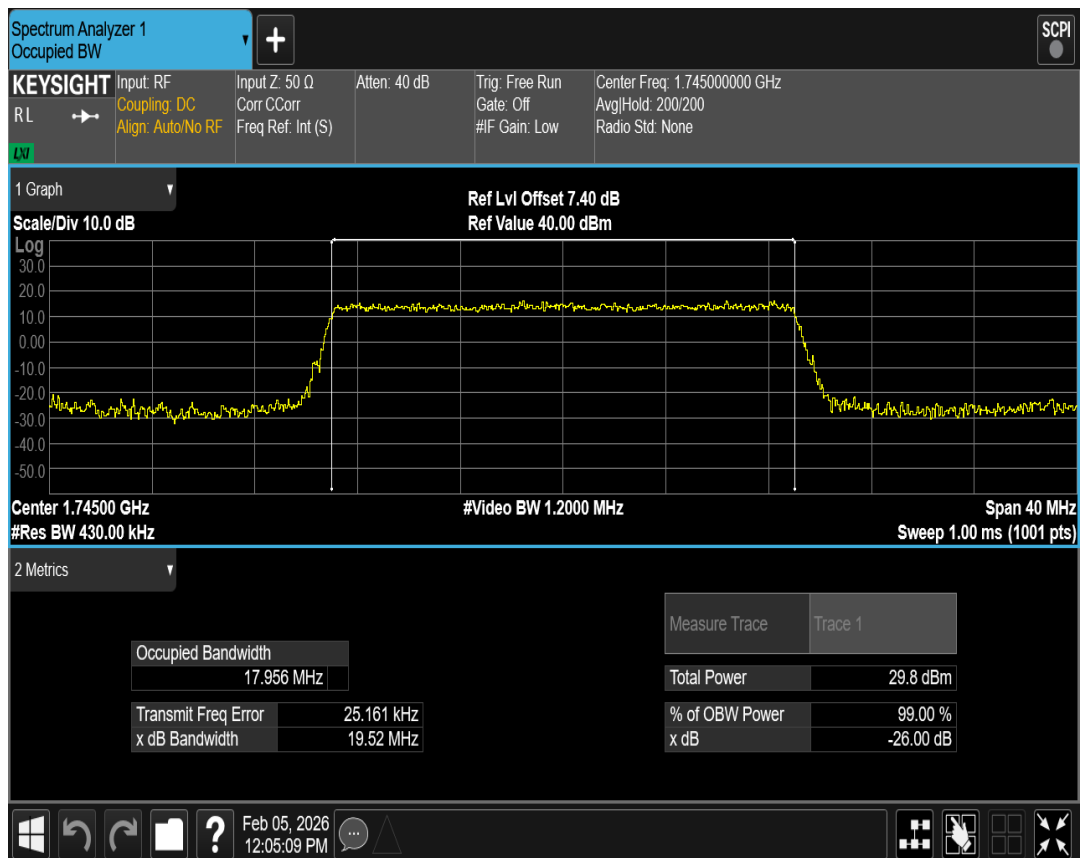
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



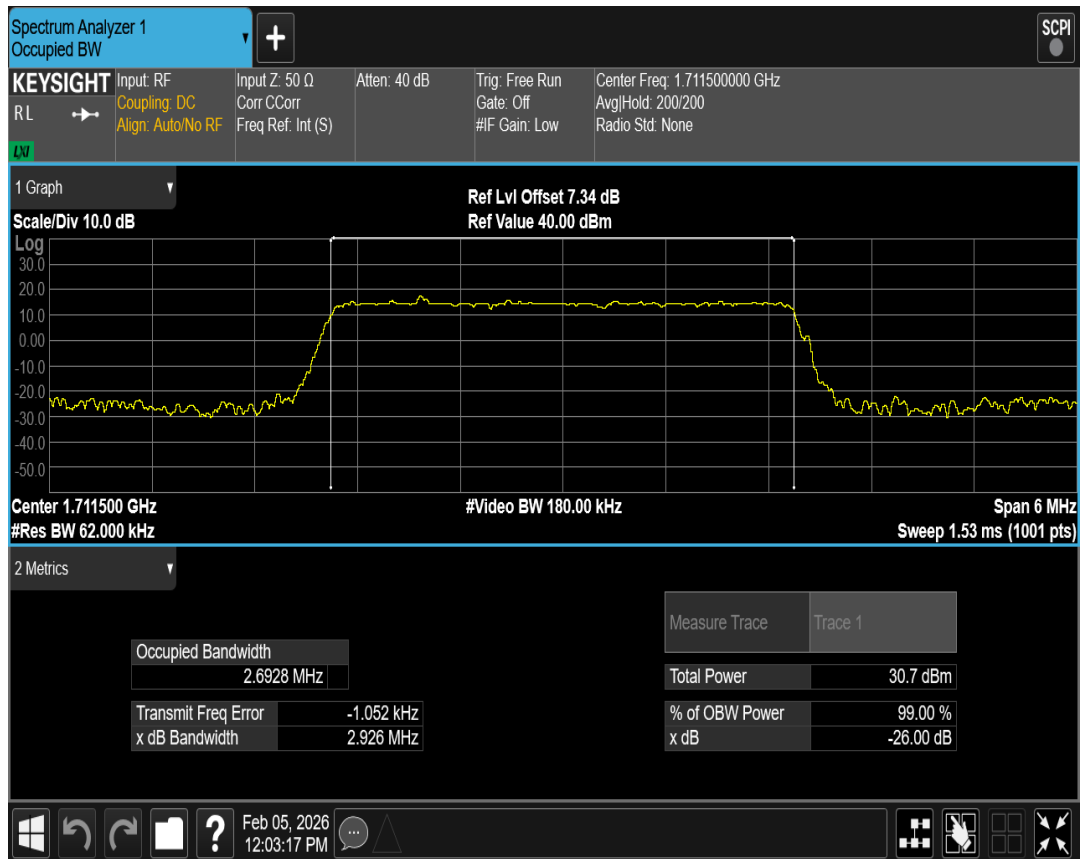
Band4 QAM16 BW=20MHz Channel=20175 RB Size=100 Position=#0



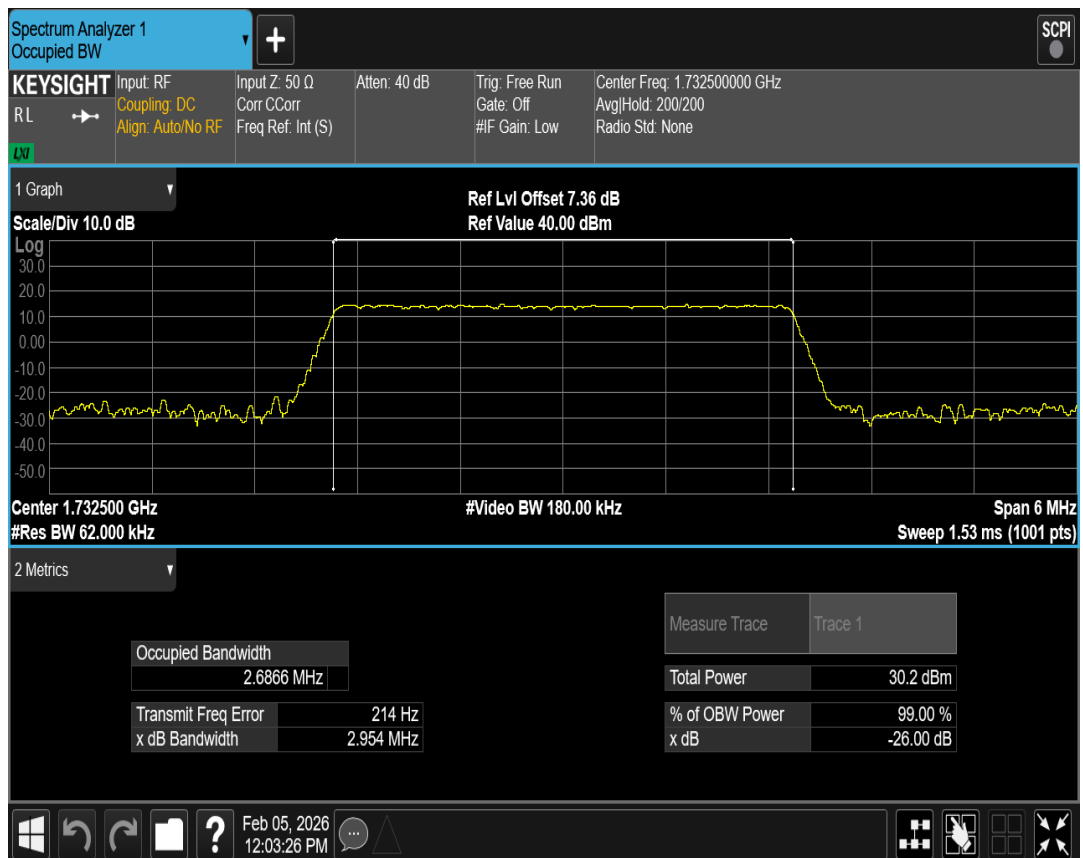
Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



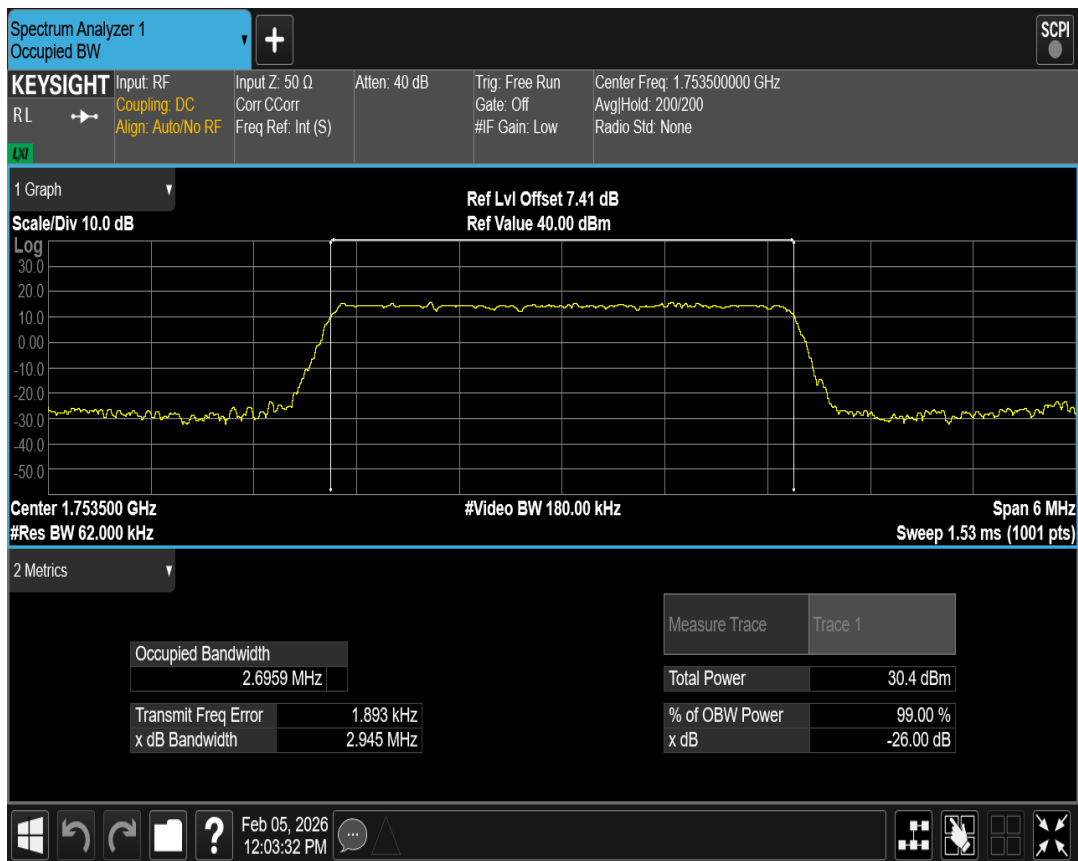
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



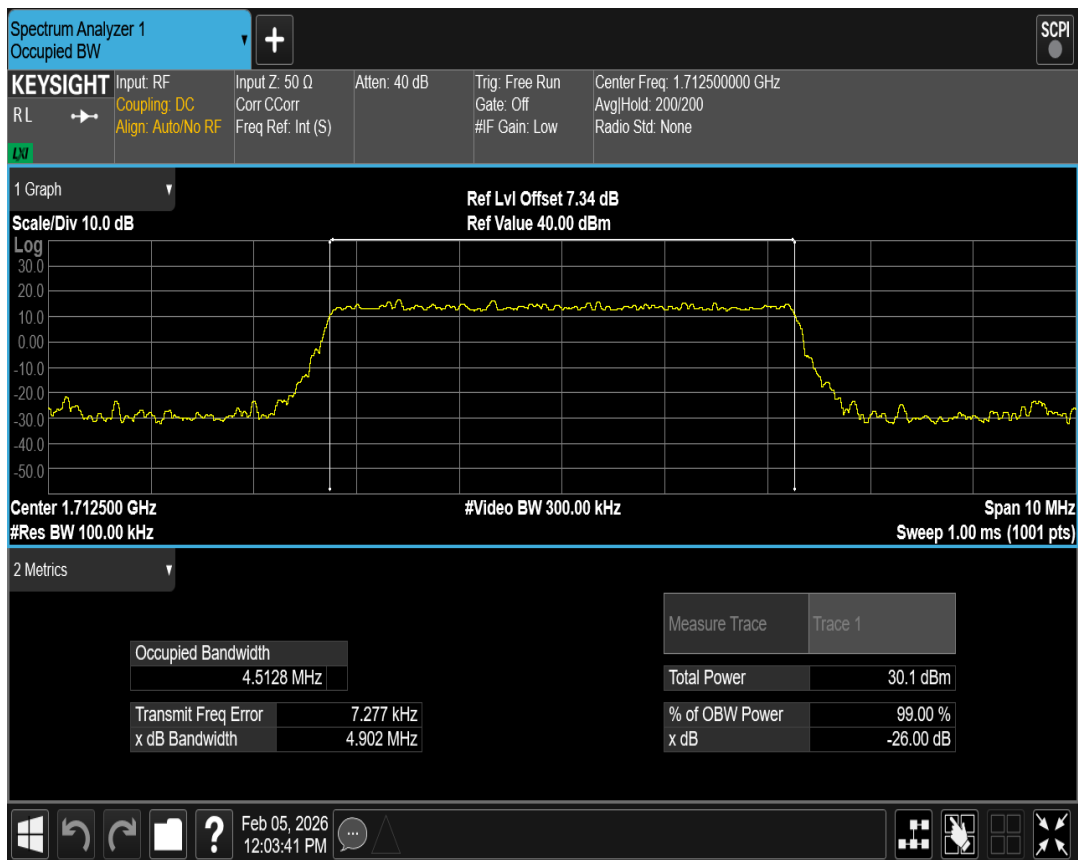
Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0



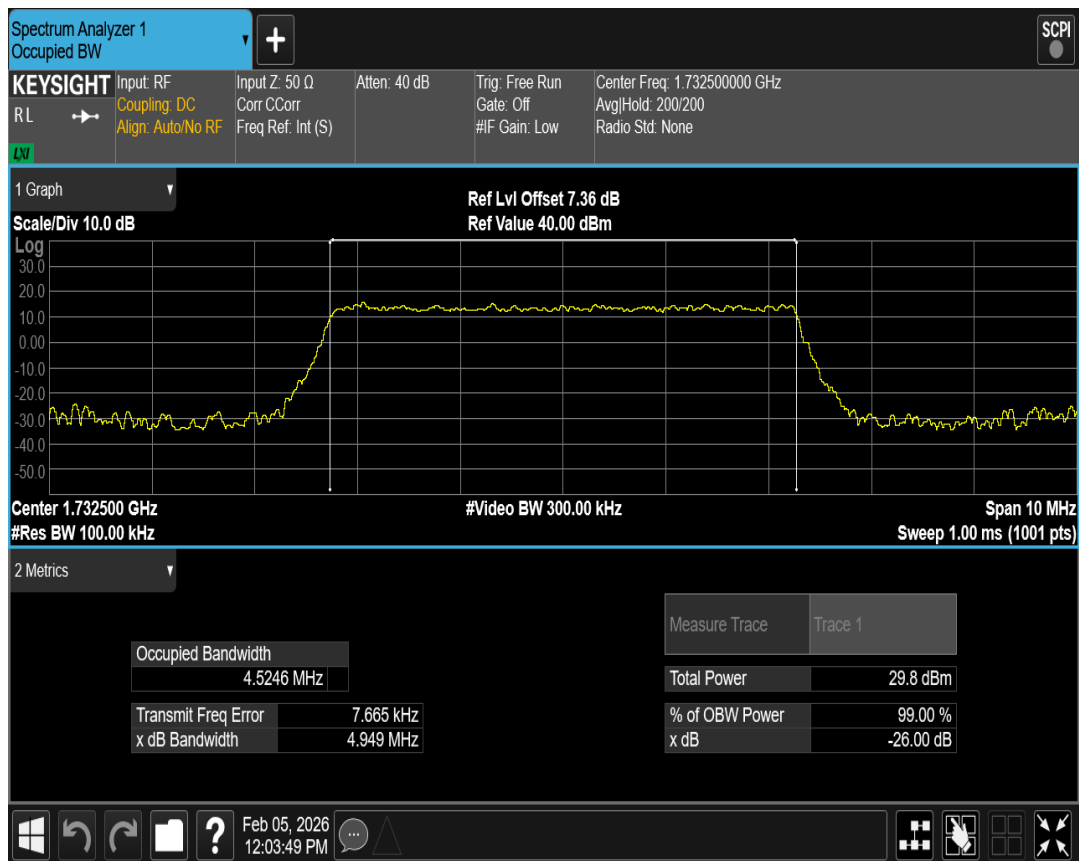
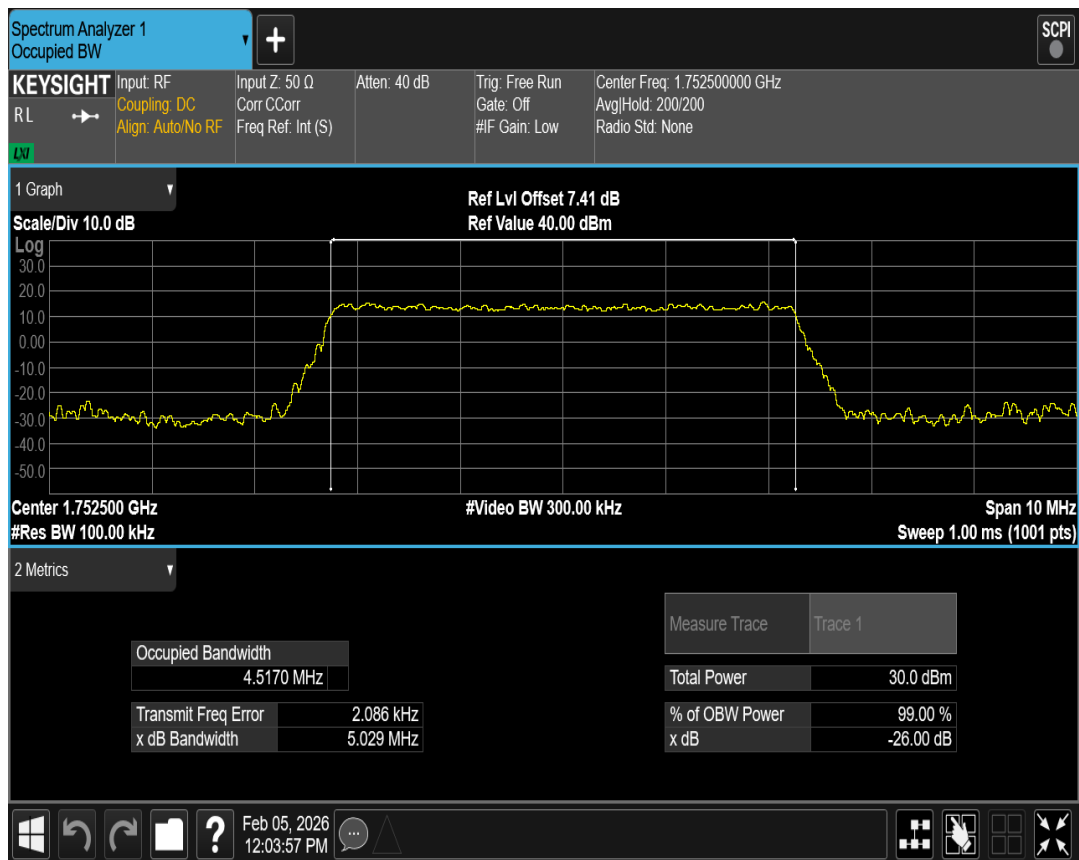
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0

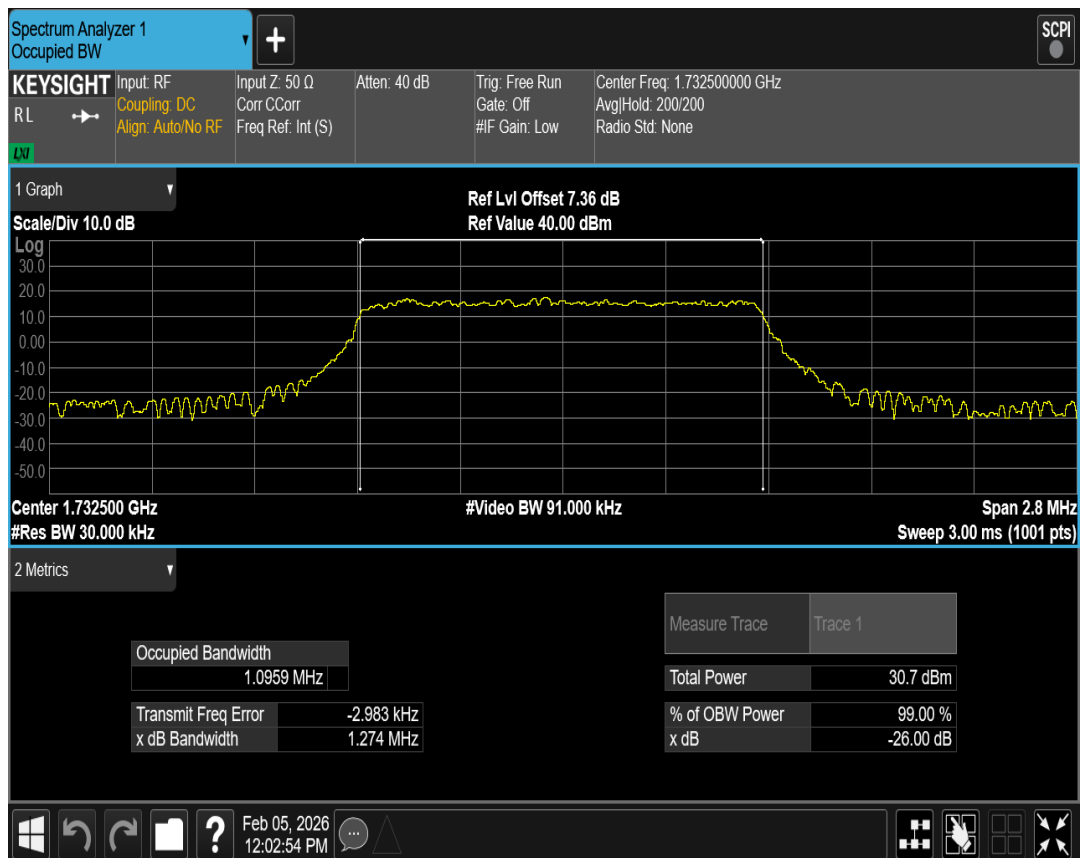


Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0

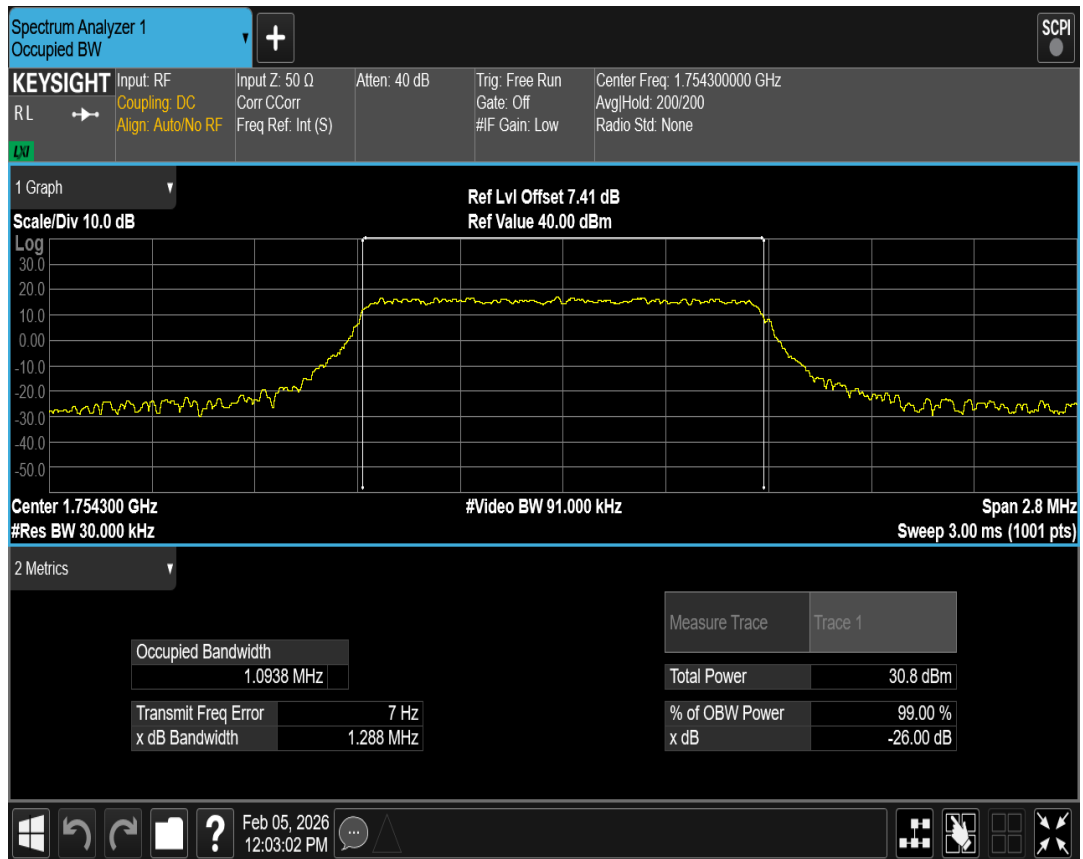
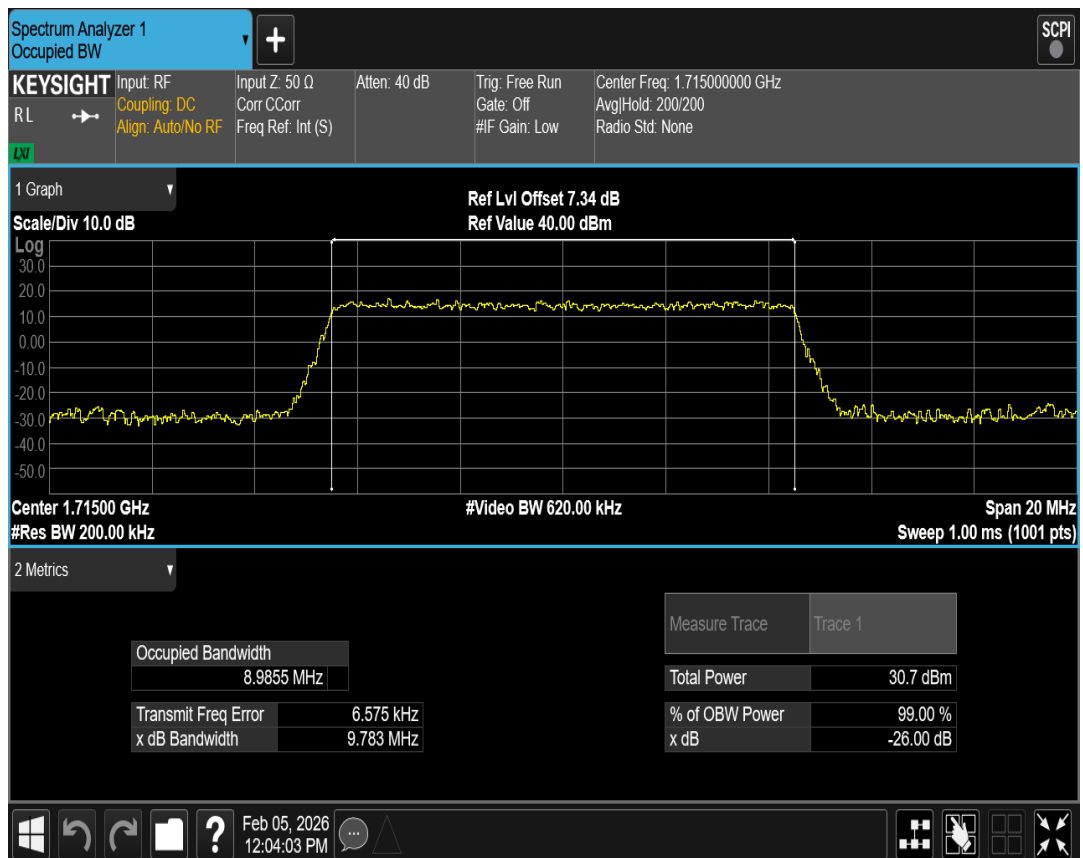
**Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0****Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0**

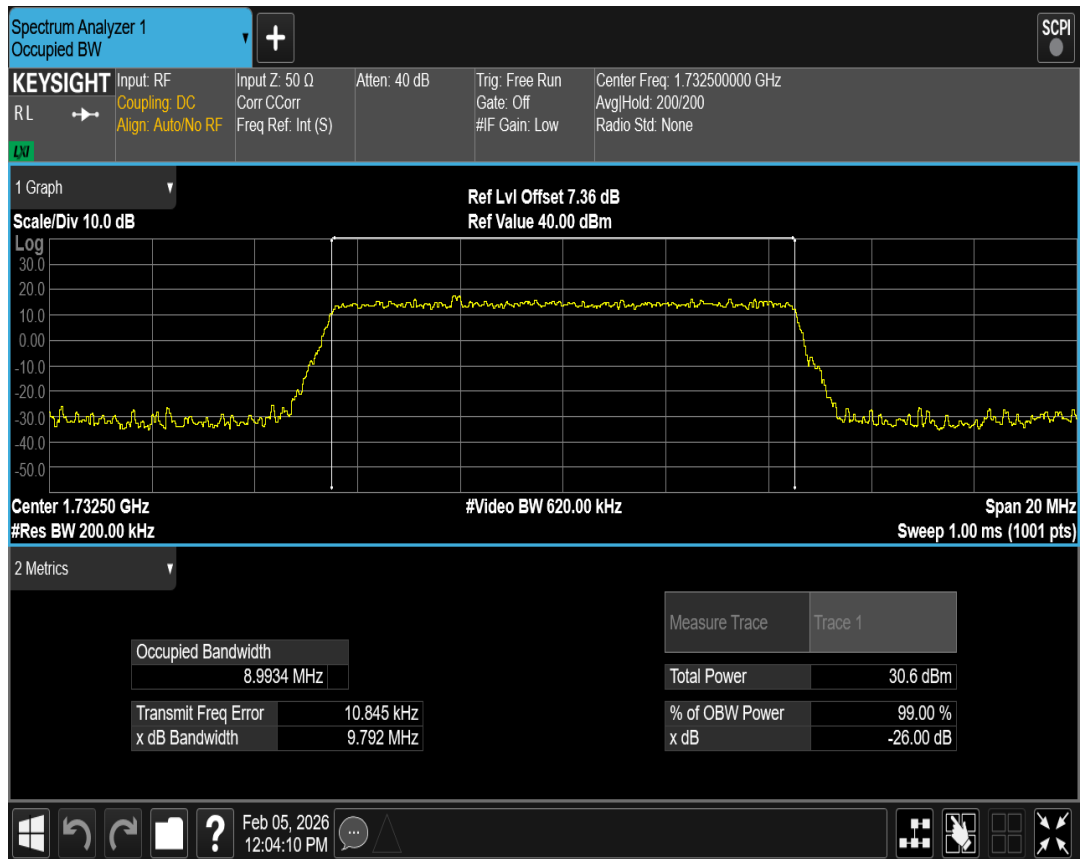
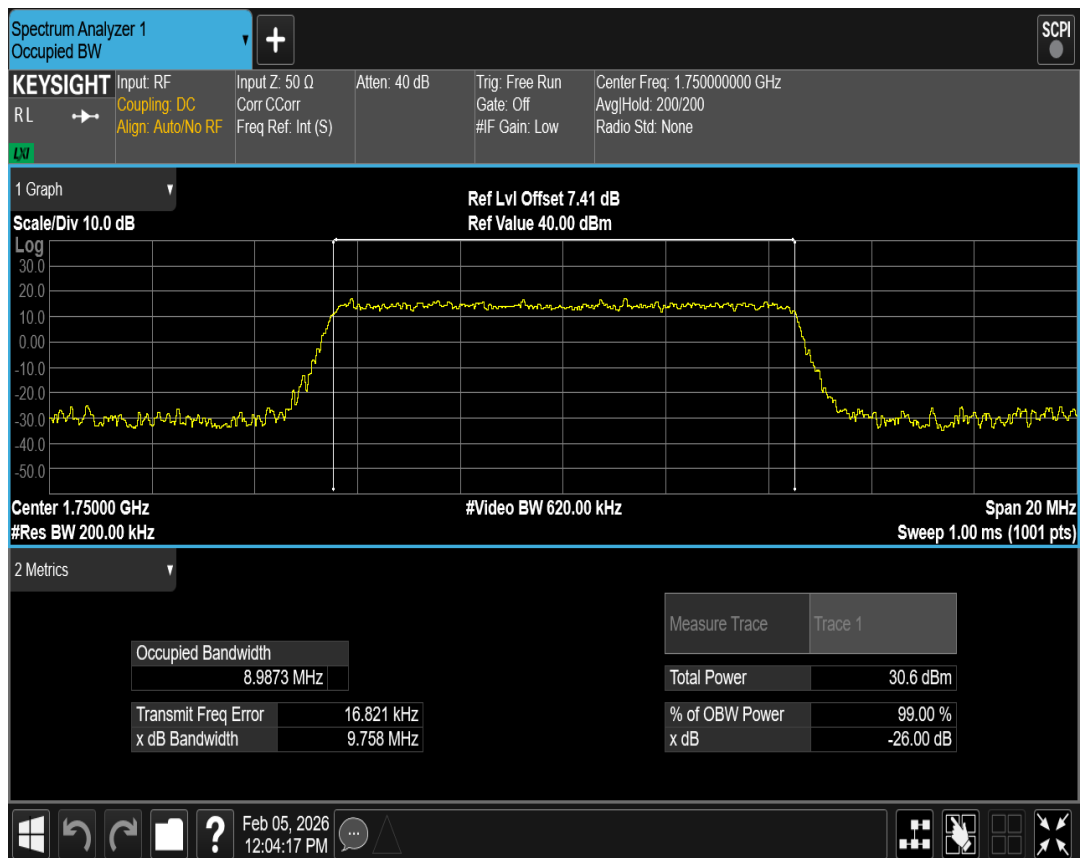


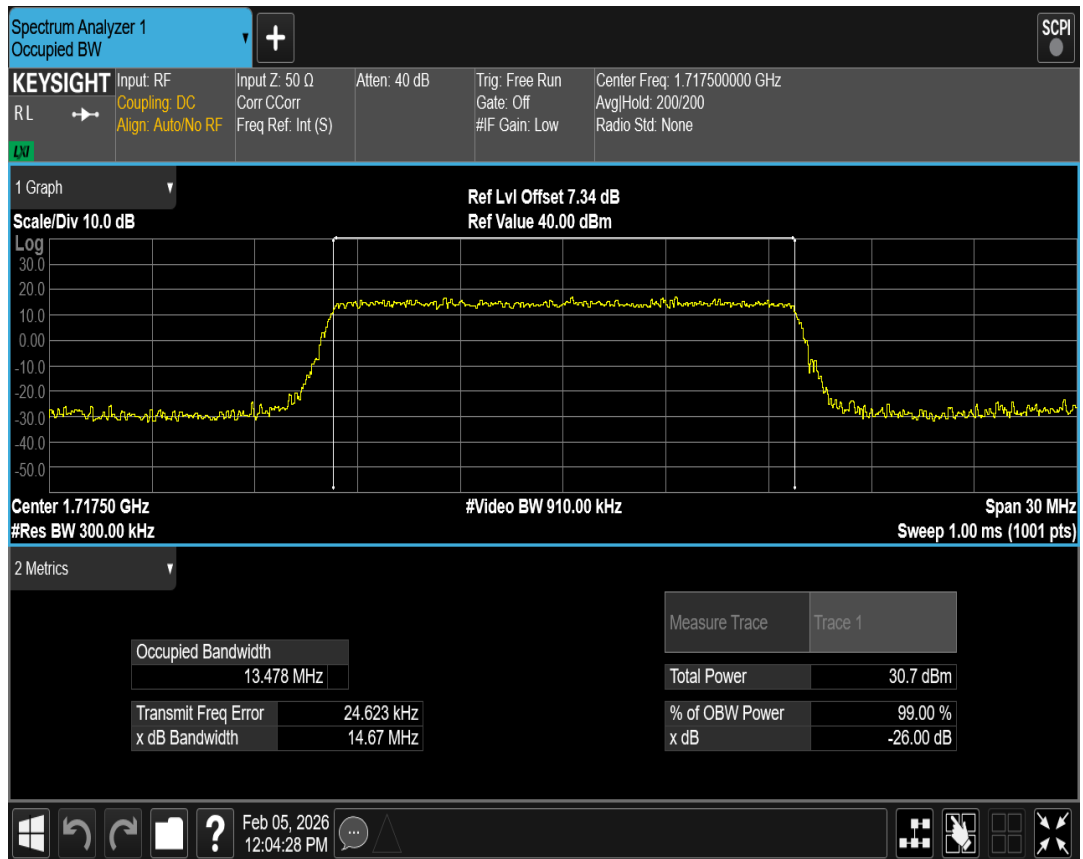
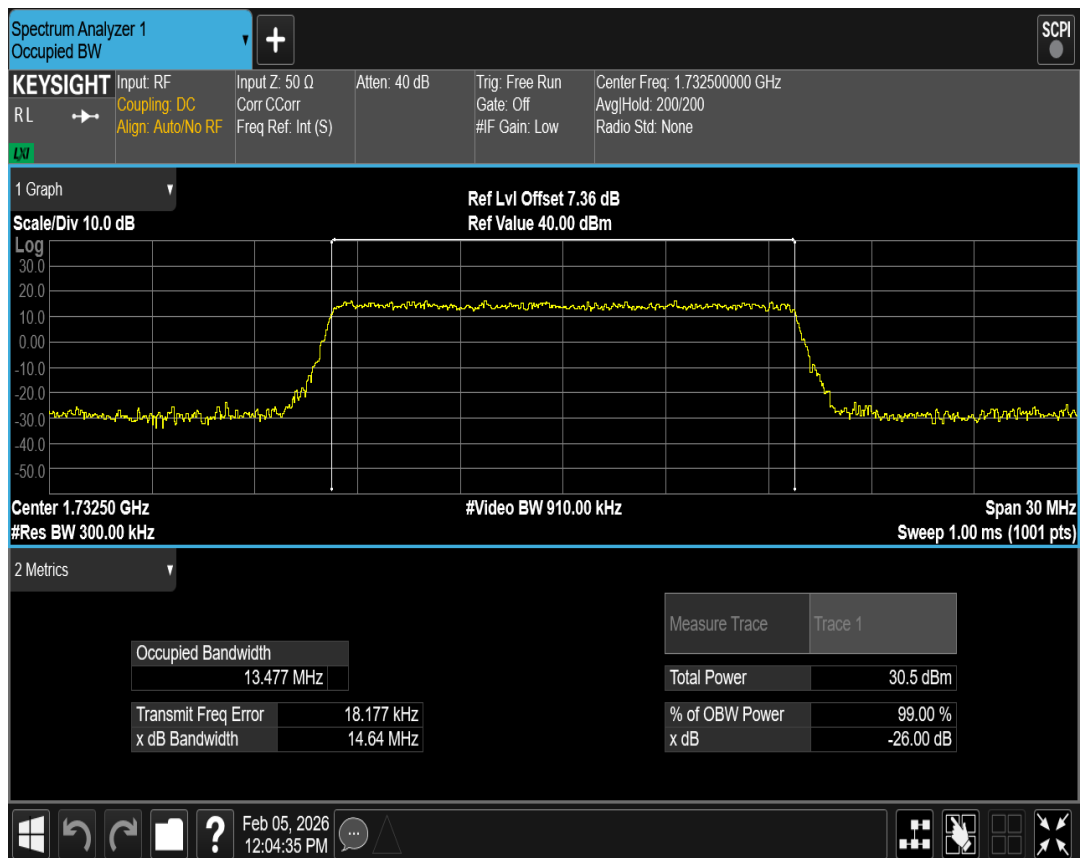
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0

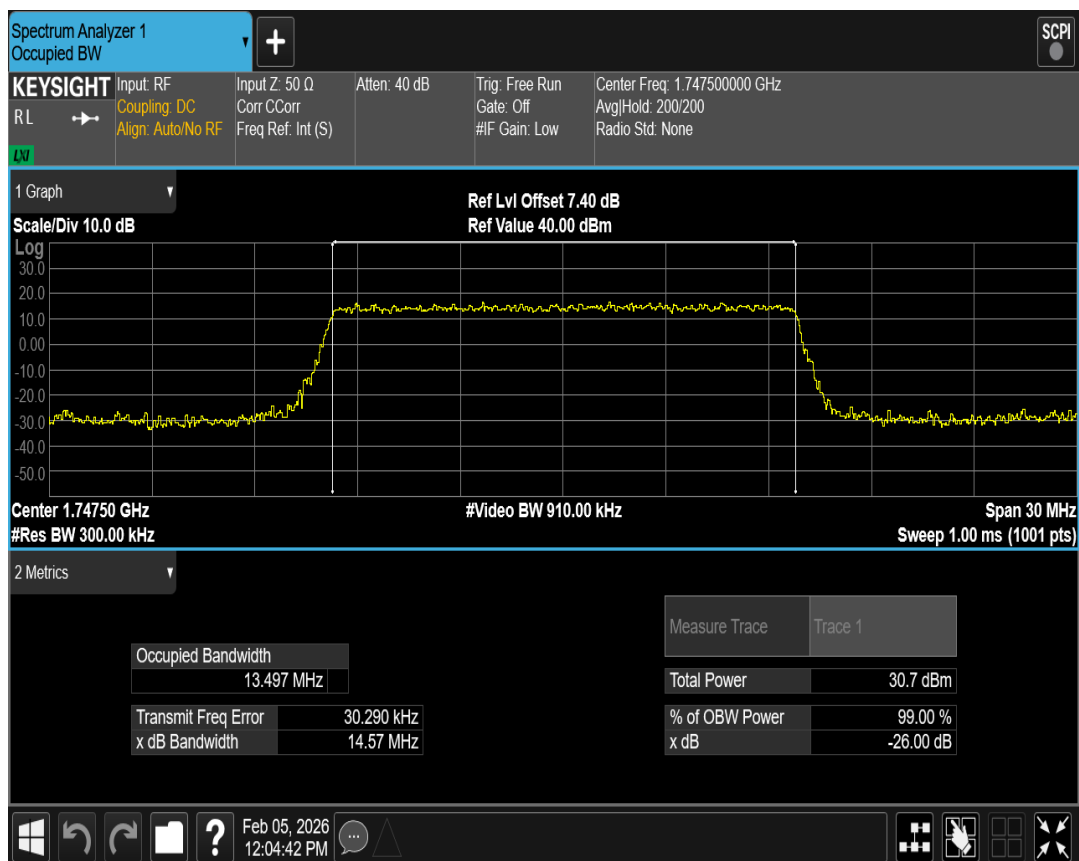


Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0

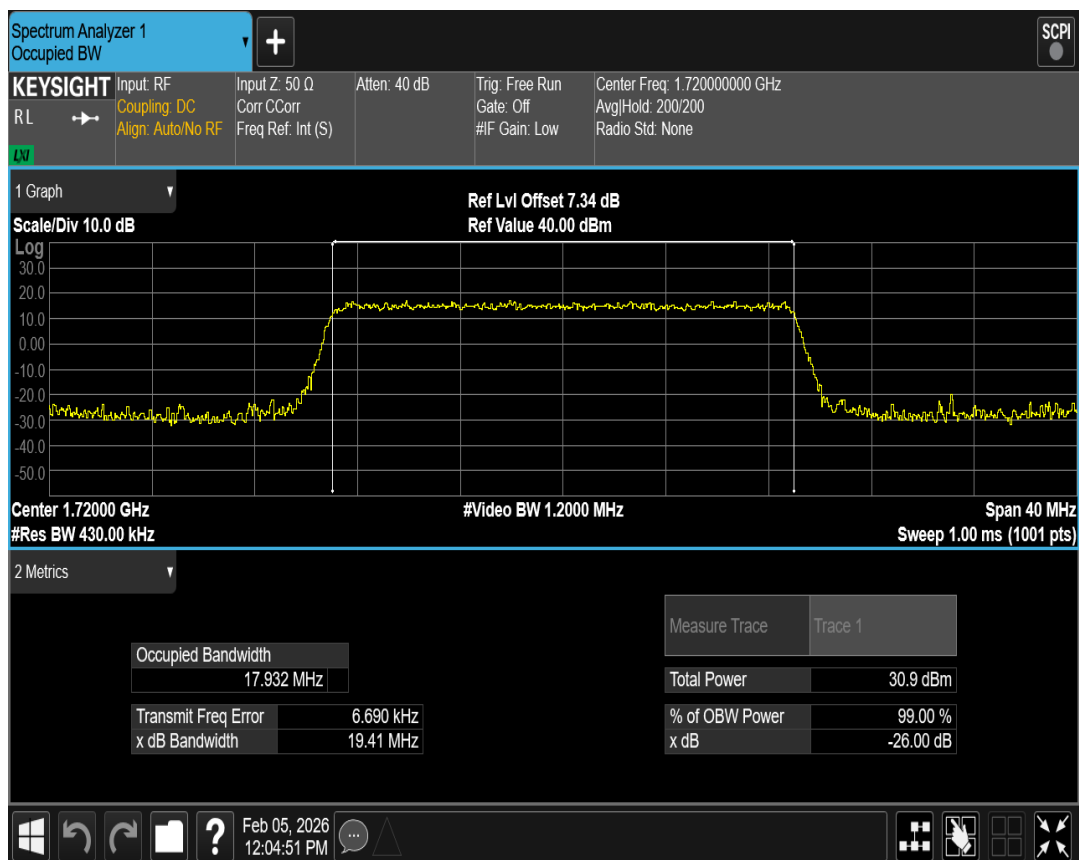
**Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0****Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0**

**Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0****Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0**

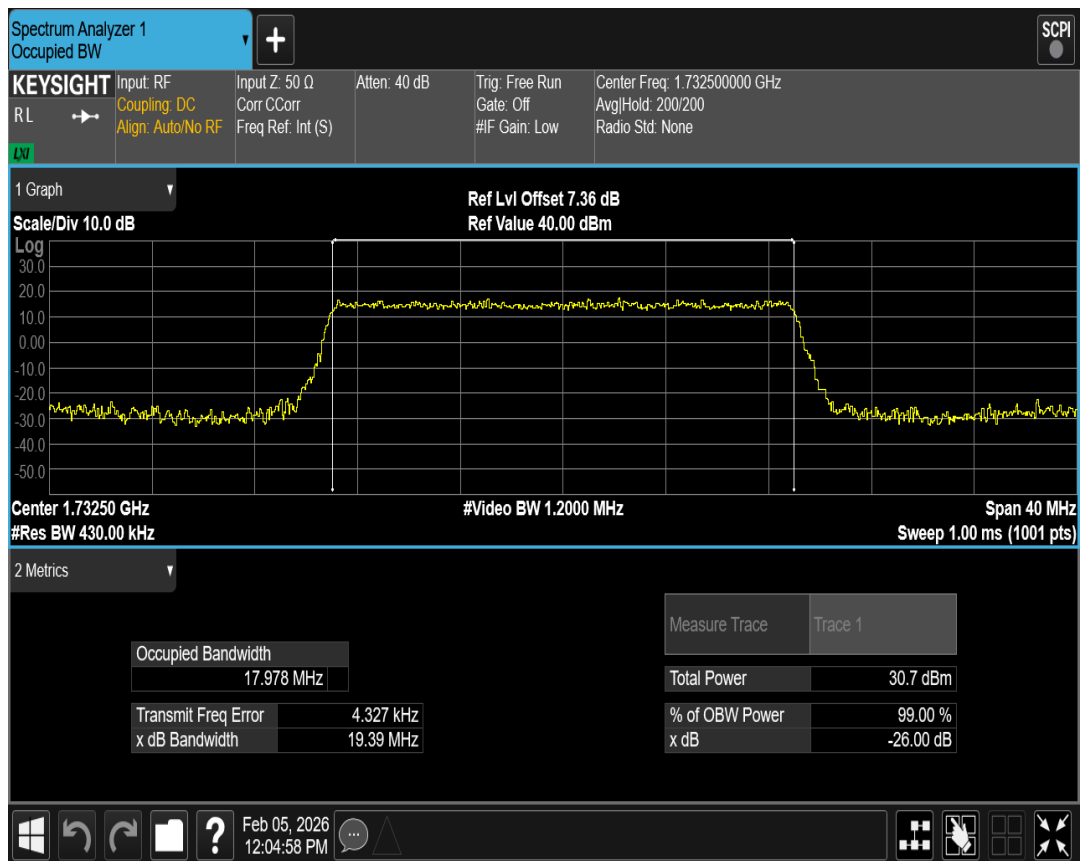
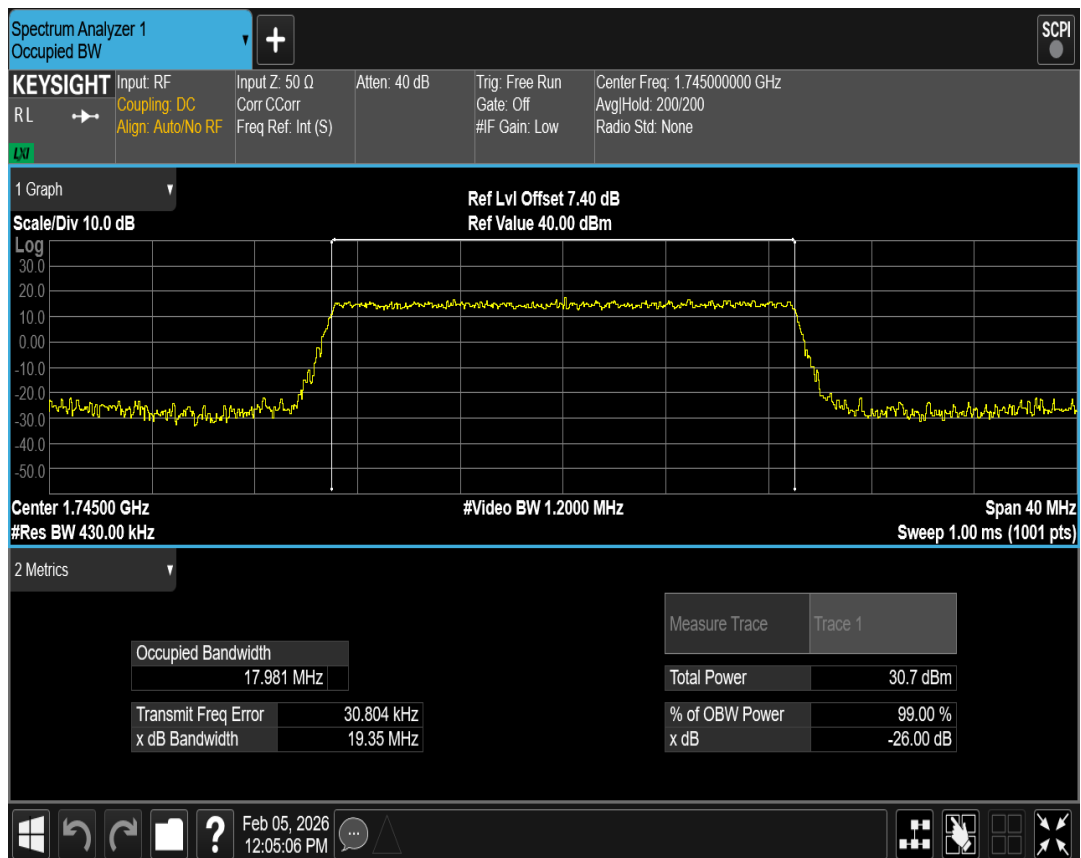
**Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0****Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0**

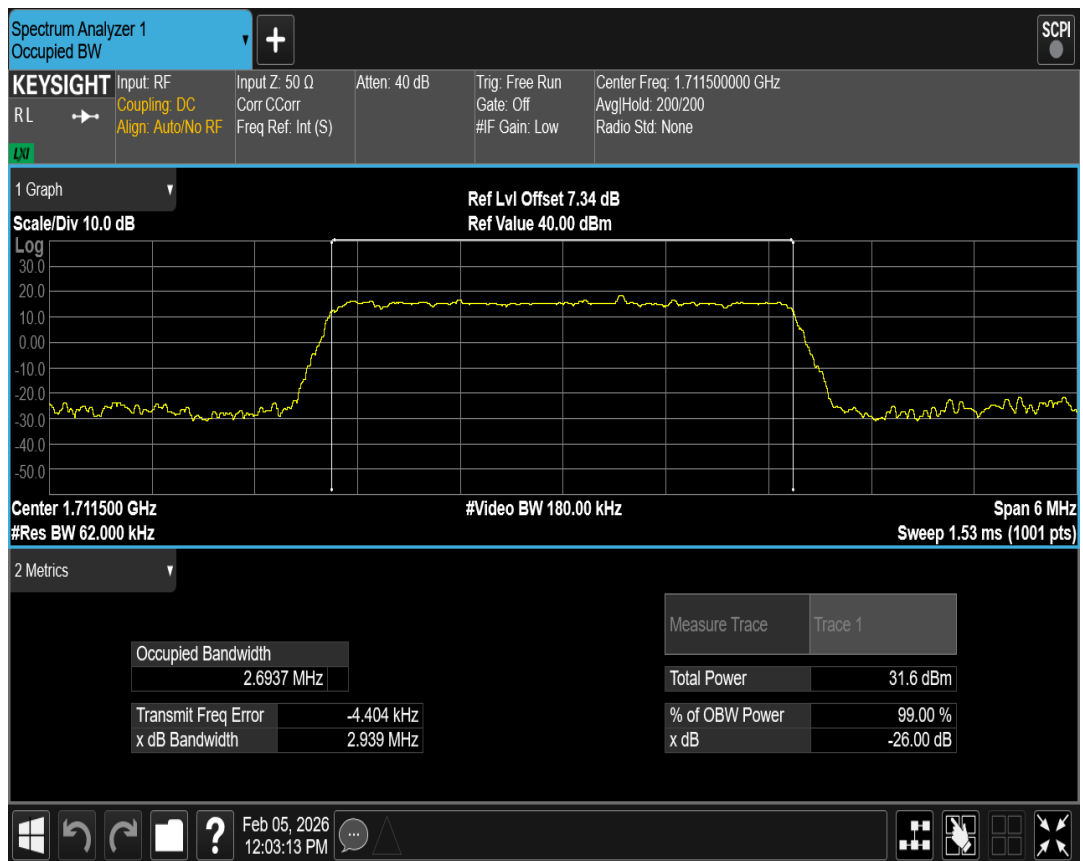
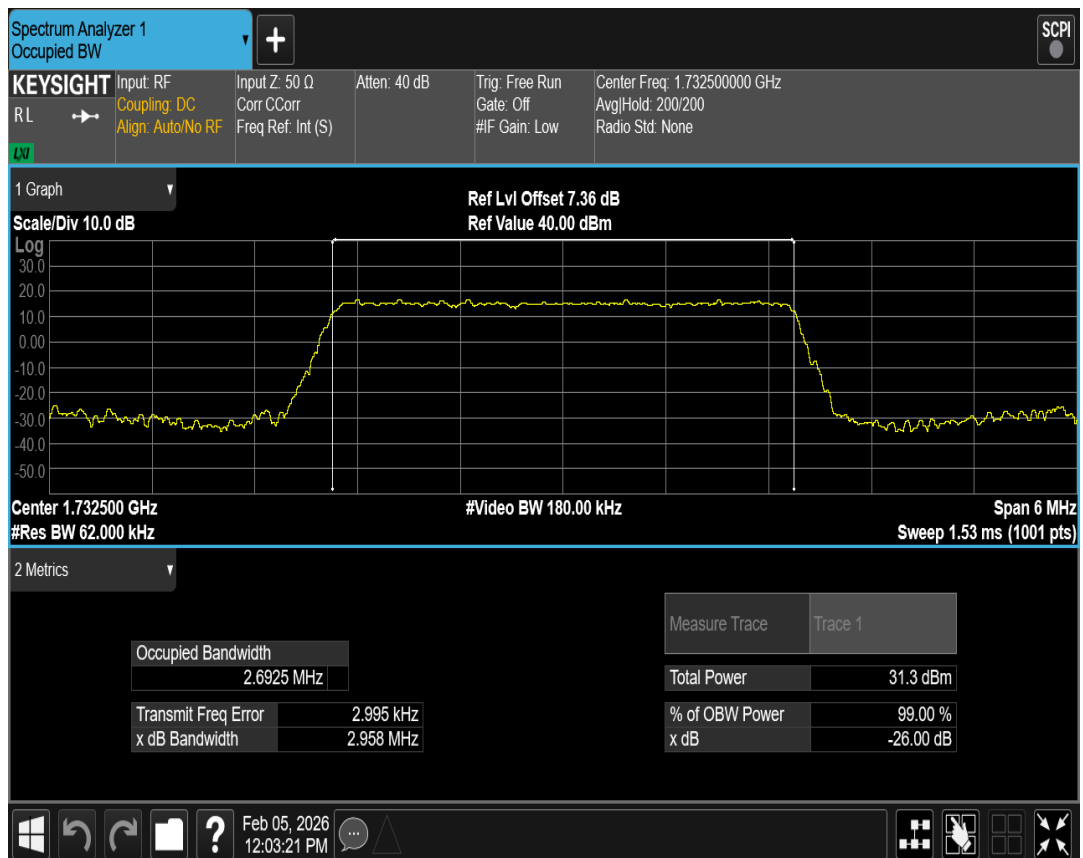


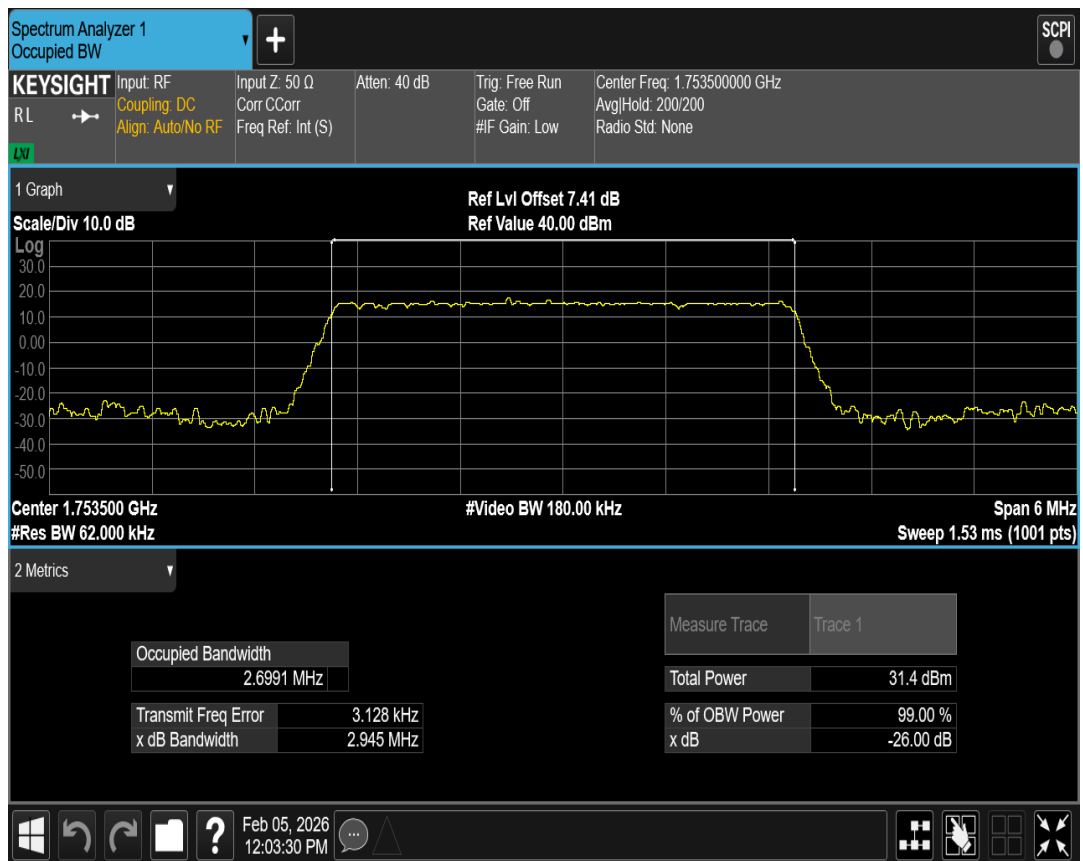
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



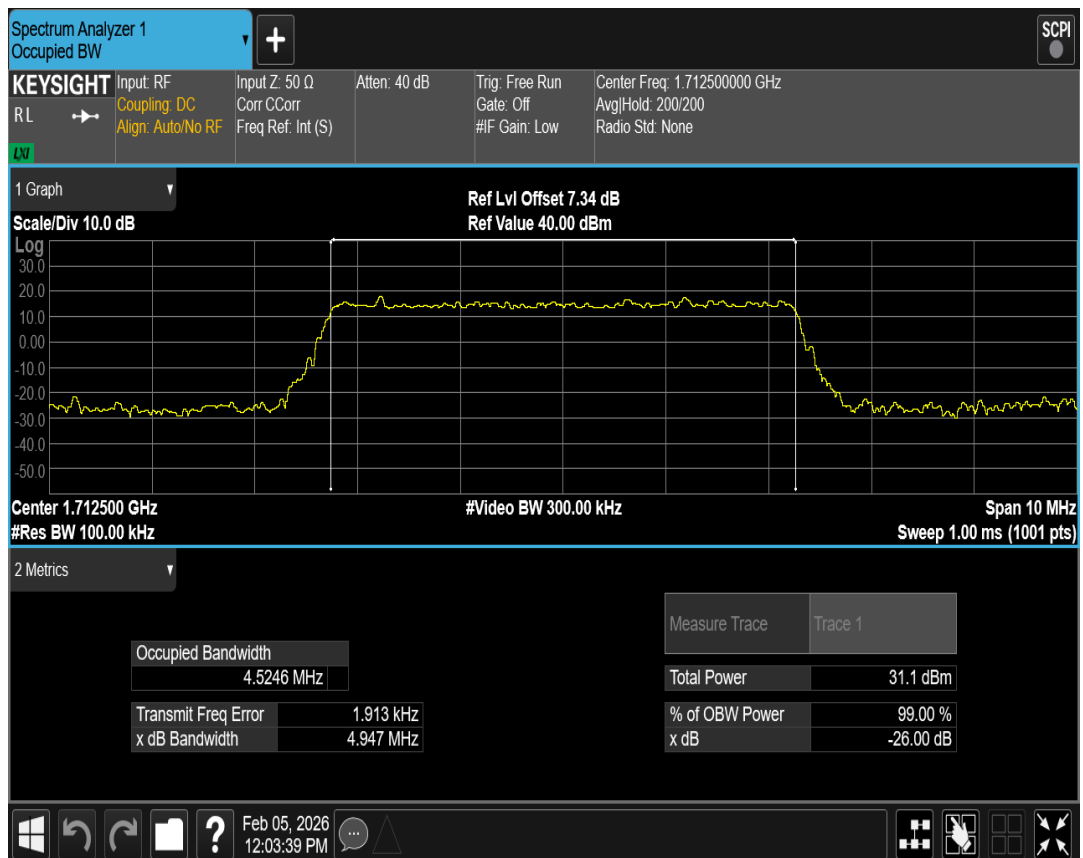
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0

**Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0****Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0**

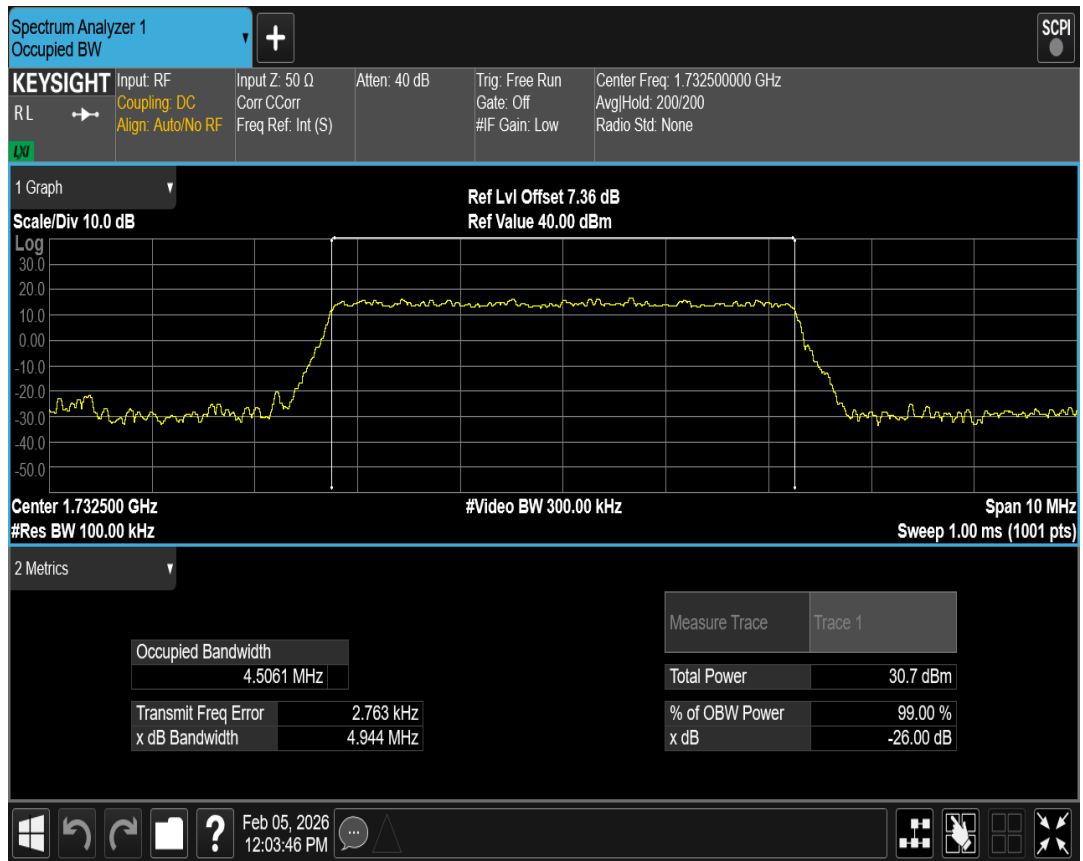
**Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0****Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0**



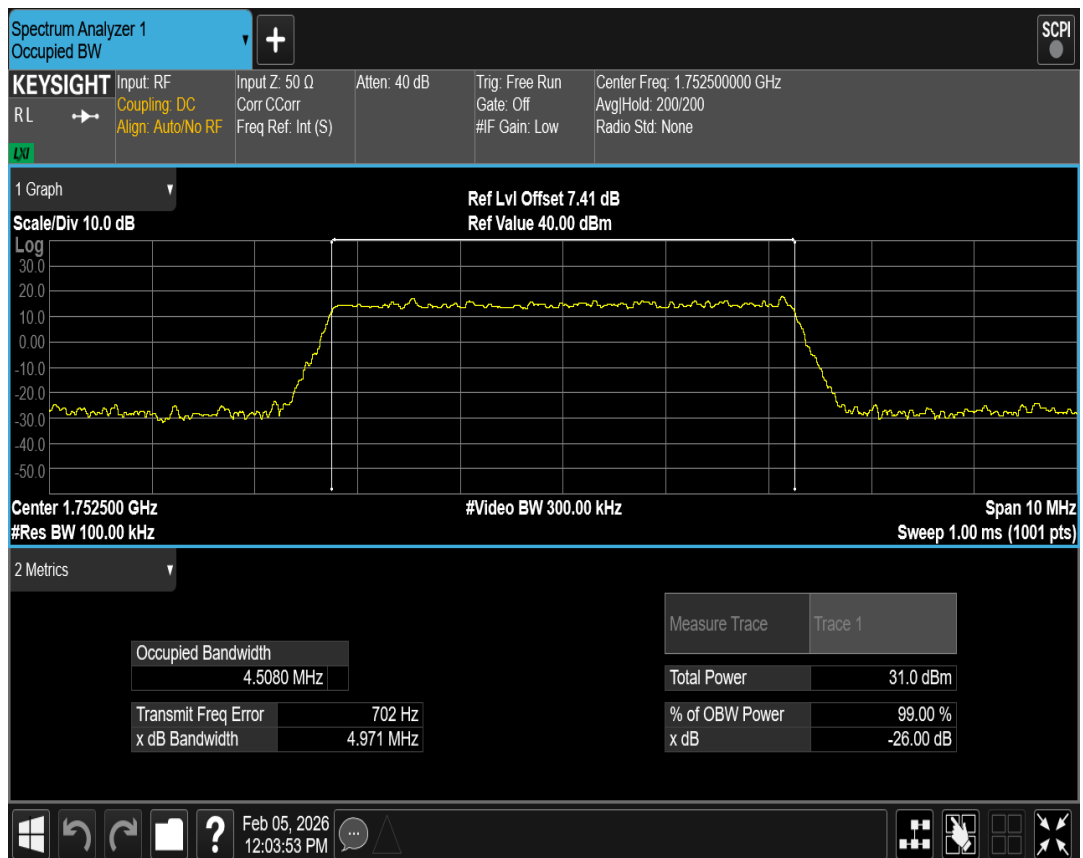
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



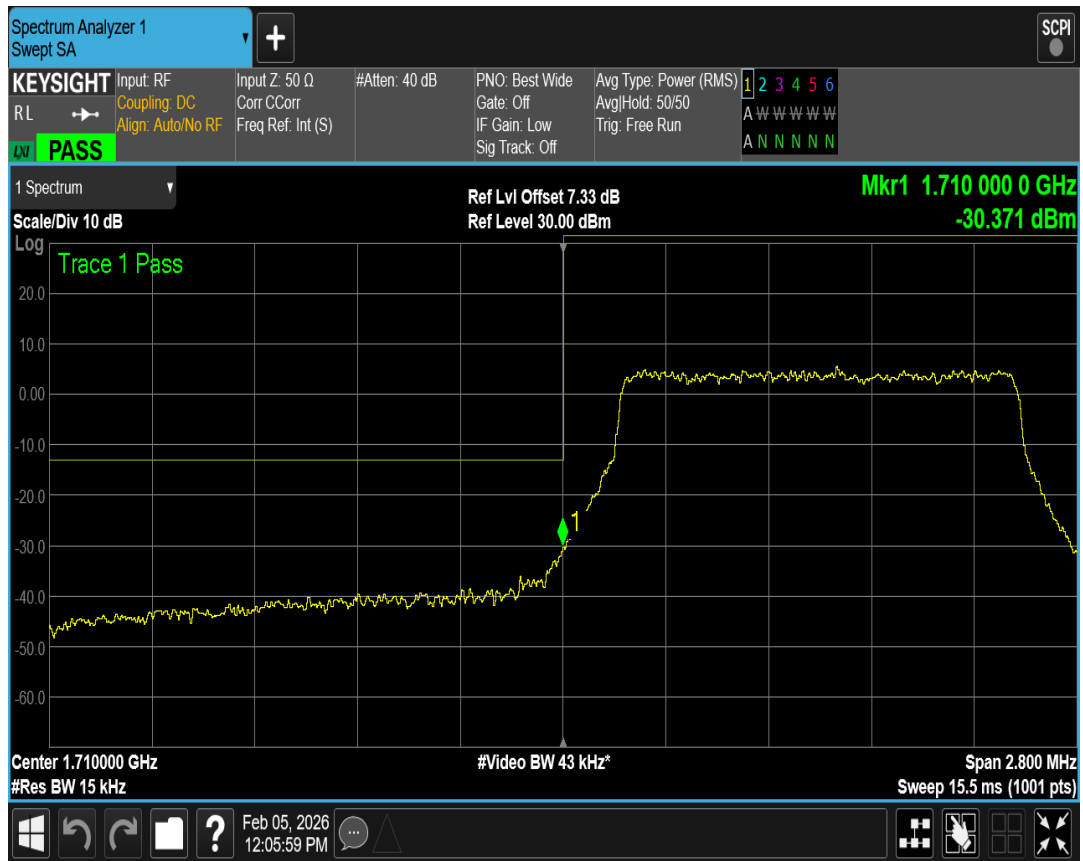
**Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0**



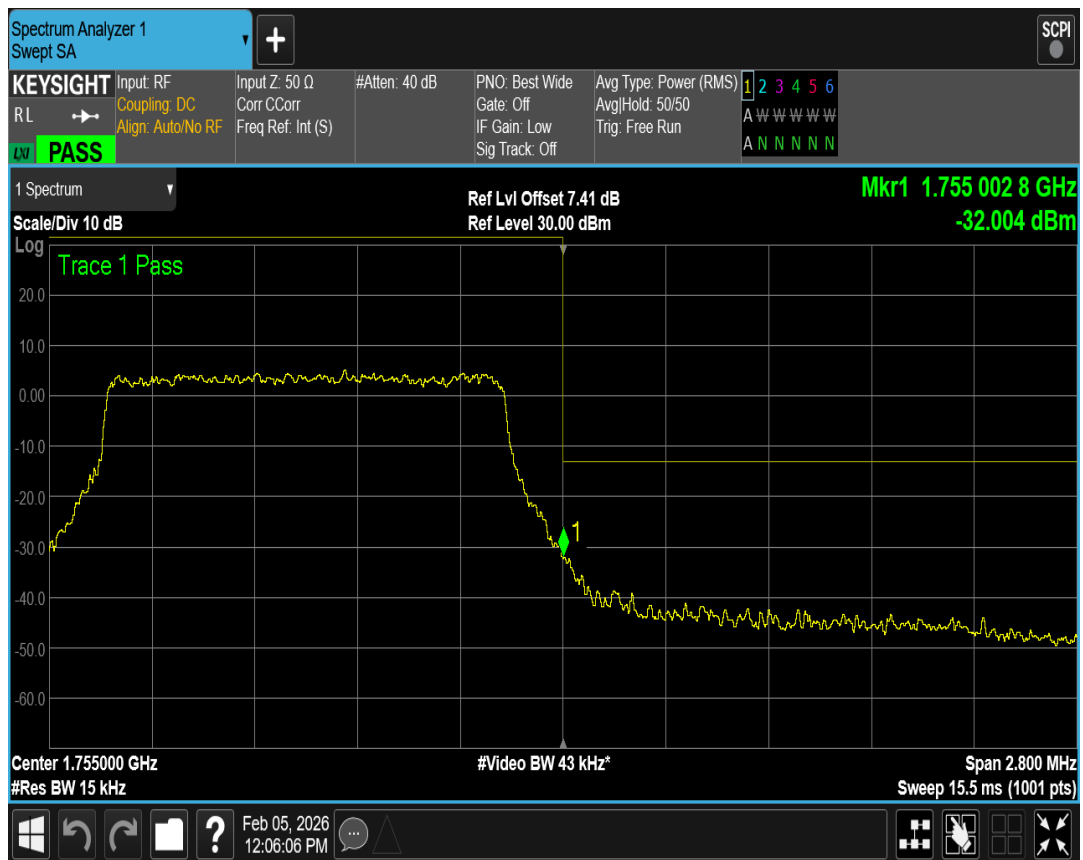
## 5 Band edge

| <b>Band</b> | <b>Bandwidth<br/>(MHz)</b> | <b>UL<br/>Channel</b> | <b>RB<br/>Size</b> | <b>RB<br/>Position</b> | <b>Modulation</b> | <b>Spur<br/>Freq<br/>(MHz)</b> | <b>Spur<br/>Level<br/>(dBm)</b> | <b>Limit<br/>(dBm)</b> | <b>Verdict</b> |
|-------------|----------------------------|-----------------------|--------------------|------------------------|-------------------|--------------------------------|---------------------------------|------------------------|----------------|
| Band4       | 1.4                        | 19957                 | 6                  | #0                     | QPSK              | 1710.00                        | -28.01                          | -13                    | PASS           |
| Band4       | 1.4                        | 19957                 | 6                  | #0                     | QAM16             | 1710.00                        | -30.37                          | -13                    | PASS           |
| Band4       | 1.4                        | 20393                 | 6                  | #0                     | QPSK              | 1755.00                        | -30.92                          | -13                    | PASS           |
| Band4       | 1.4                        | 20393                 | 6                  | #0                     | QAM16             | 1755.00                        | -32.00                          | -13                    | PASS           |
| Band4       | 3                          | 19965                 | 15                 | #0                     | QPSK              | 1710.00                        | -29.22                          | -13                    | PASS           |
| Band4       | 3                          | 19965                 | 15                 | #0                     | QAM16             | 1709.99                        | -31.09                          | -13                    | PASS           |
| Band4       | 3                          | 20385                 | 15                 | #0                     | QPSK              | 1755.00                        | -33.63                          | -13                    | PASS           |
| Band4       | 3                          | 20385                 | 15                 | #0                     | QAM16             | 1755.00                        | -32.88                          | -13                    | PASS           |
| Band4       | 5                          | 19975                 | 25                 | #0                     | QPSK              | 1709.97                        | -30.37                          | -13                    | PASS           |
| Band4       | 5                          | 19975                 | 25                 | #0                     | QAM16             | 1709.97                        | -31.50                          | -13                    | PASS           |
| Band4       | 5                          | 20375                 | 25                 | #0                     | QPSK              | 1755.00                        | -30.23                          | -13                    | PASS           |
| Band4       | 5                          | 20375                 | 25                 | #0                     | QAM16             | 1755.03                        | -32.25                          | -13                    | PASS           |
| Band4       | 10                         | 20000                 | 50                 | #0                     | QPSK              | 1710.00                        | -30.59                          | -13                    | PASS           |
| Band4       | 10                         | 20000                 | 50                 | #0                     | QAM16             | 1710.00                        | -37.37                          | -13                    | PASS           |
| Band4       | 10                         | 20350                 | 50                 | #0                     | QPSK              | 1755.08                        | -34.38                          | -13                    | PASS           |
| Band4       | 10                         | 20350                 | 50                 | #0                     | QAM16             | 1755.02                        | -33.15                          | -13                    | PASS           |
| Band4       | 15                         | 20025                 | 75                 | #0                     | QPSK              | 1709.70                        | -36.03                          | -13                    | PASS           |
| Band4       | 15                         | 20025                 | 75                 | #0                     | QAM16             | 1709.64                        | -38.88                          | -13                    | PASS           |
| Band4       | 15                         | 20325                 | 75                 | #0                     | QPSK              | 1755.18                        | -35.67                          | -13                    | PASS           |
| Band4       | 15                         | 20325                 | 75                 | #0                     | QAM16             | 1755.24                        | -38.30                          | -13                    | PASS           |
| Band4       | 20                         | 20050                 | 100                | #0                     | QPSK              | 1709.88                        | -37.32                          | -13                    | PASS           |
| Band4       | 20                         | 20050                 | 100                | #0                     | QAM16             | 1710.00                        | -35.53                          | -13                    | PASS           |
| Band4       | 20                         | 20300                 | 100                | #0                     | QPSK              | 1755.00                        | -35.79                          | -13                    | PASS           |
| Band4       | 20                         | 20300                 | 100                | #0                     | QAM16             | 1755.20                        | -37.75                          | -13                    | PASS           |

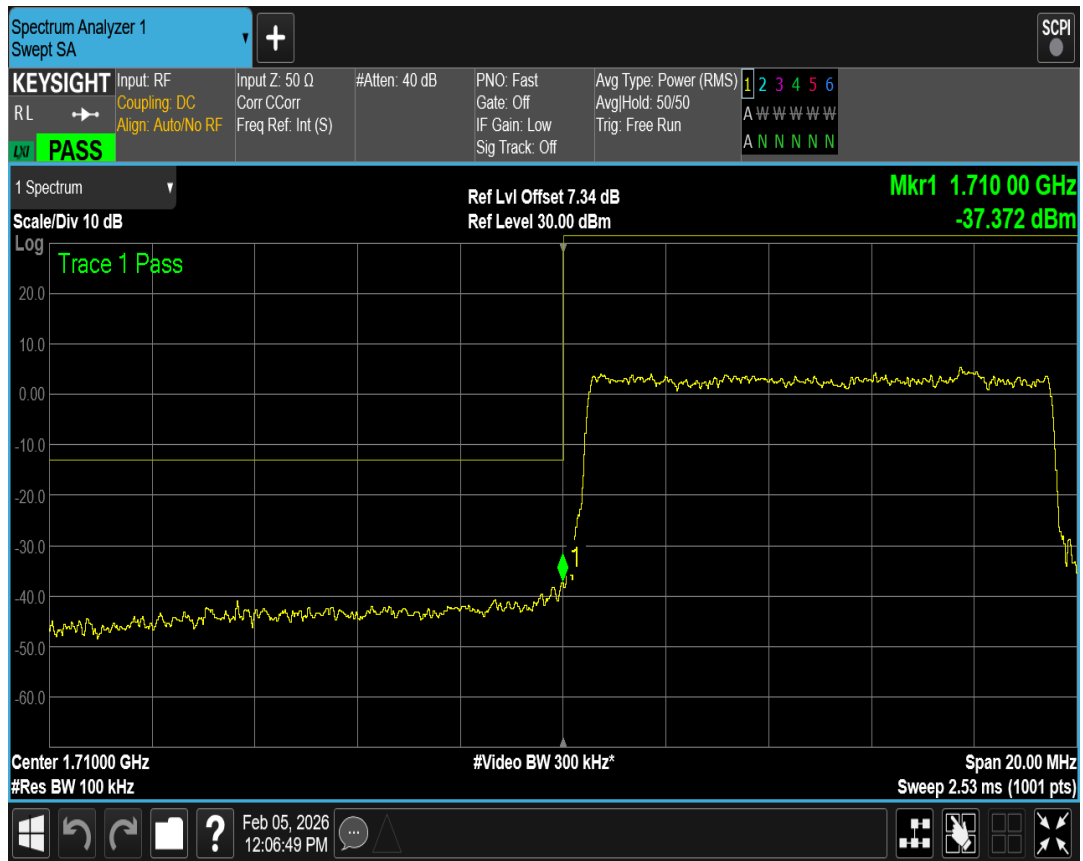
**Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0**



Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



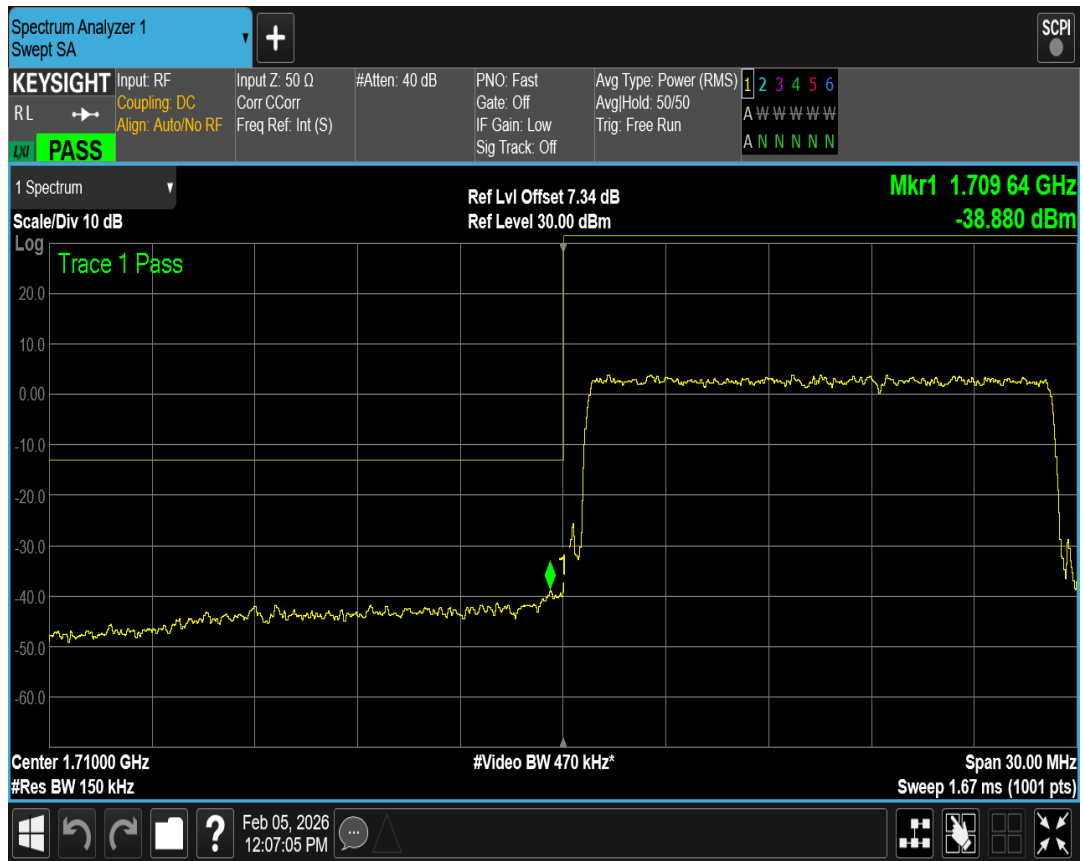
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



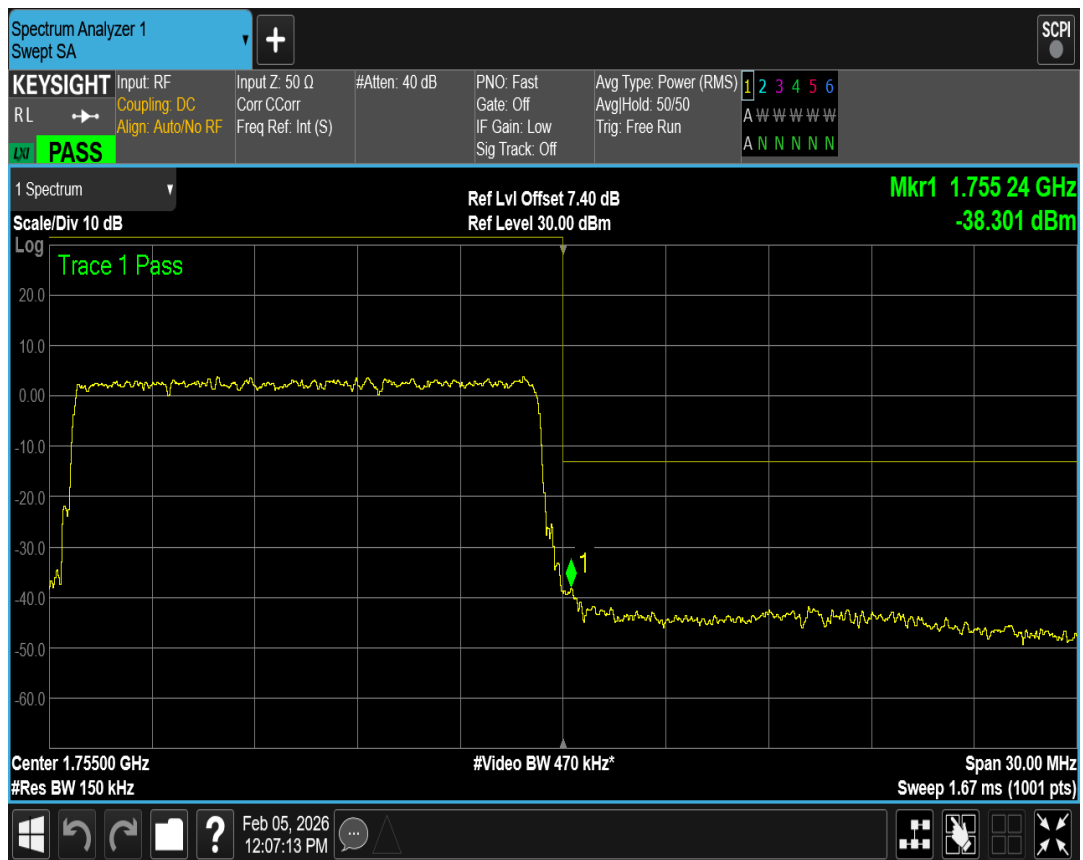
Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



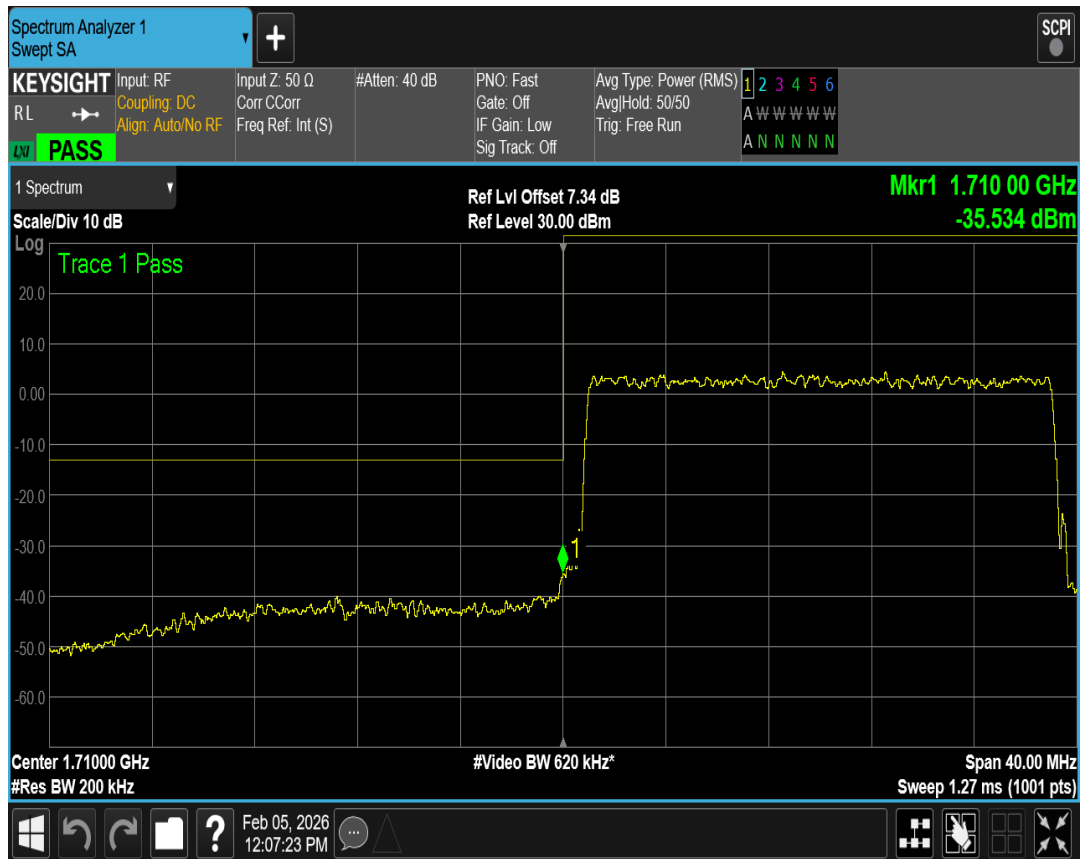
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



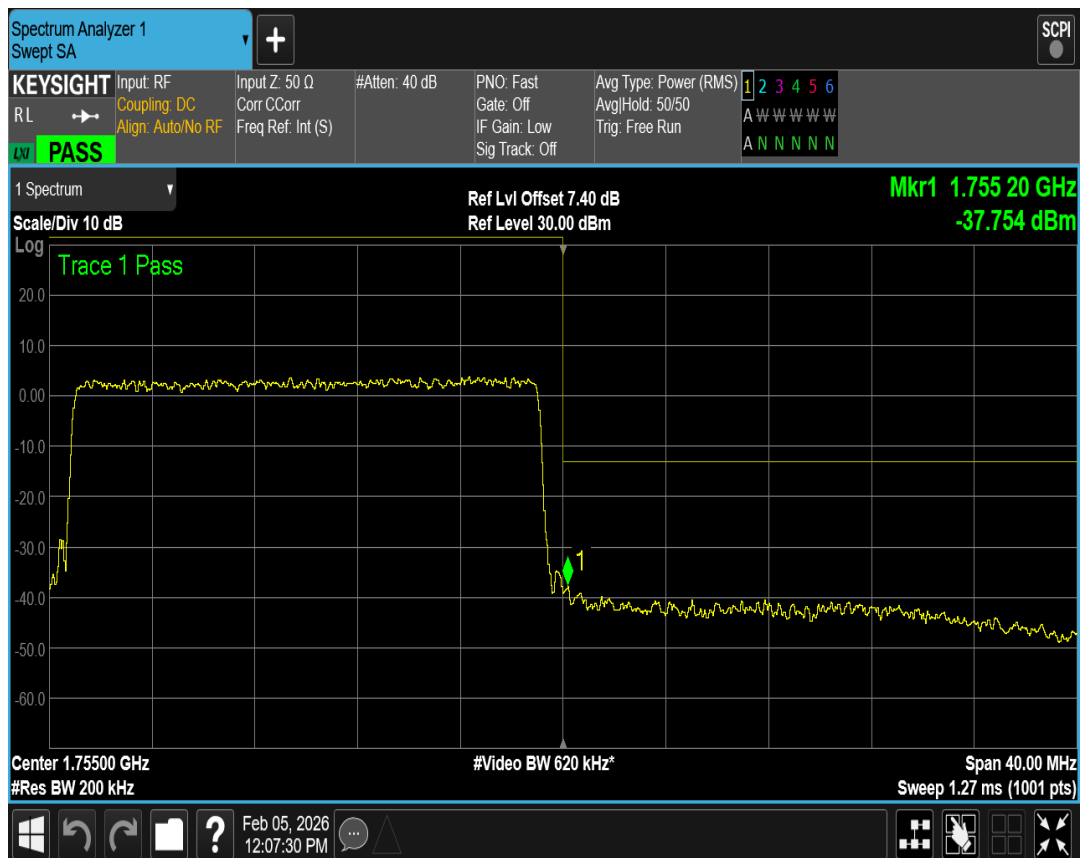
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



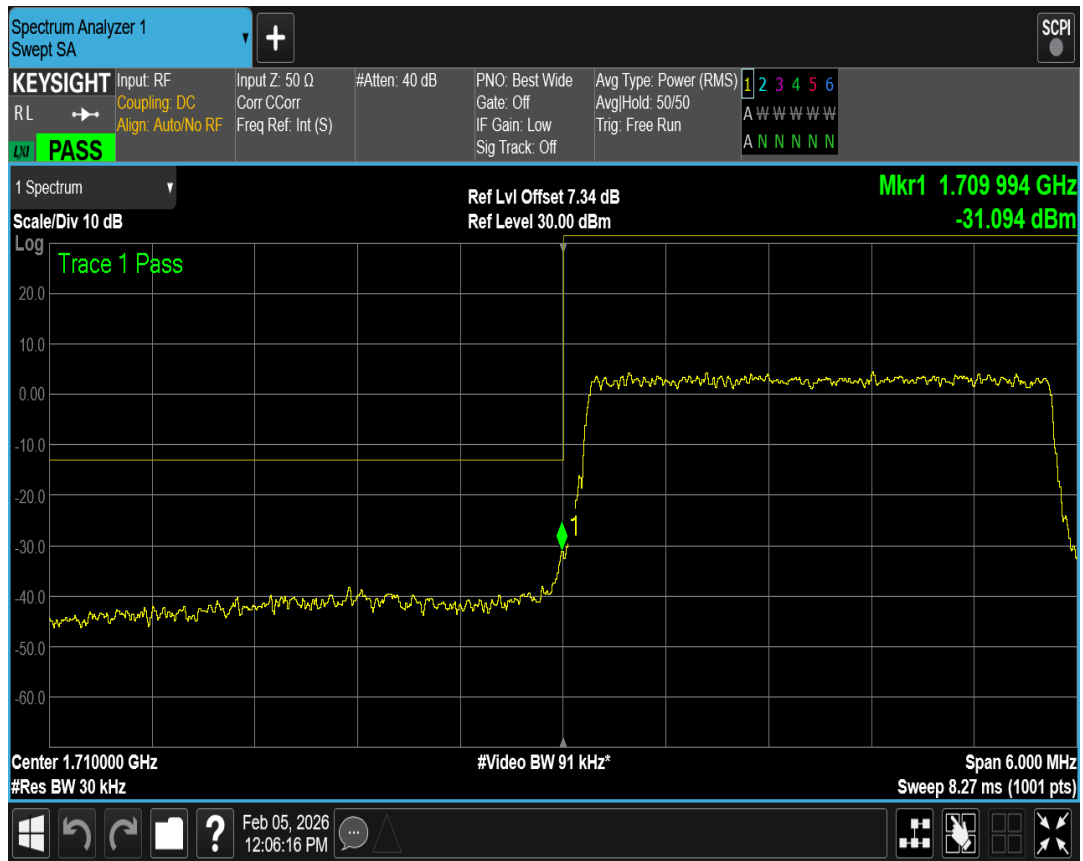
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



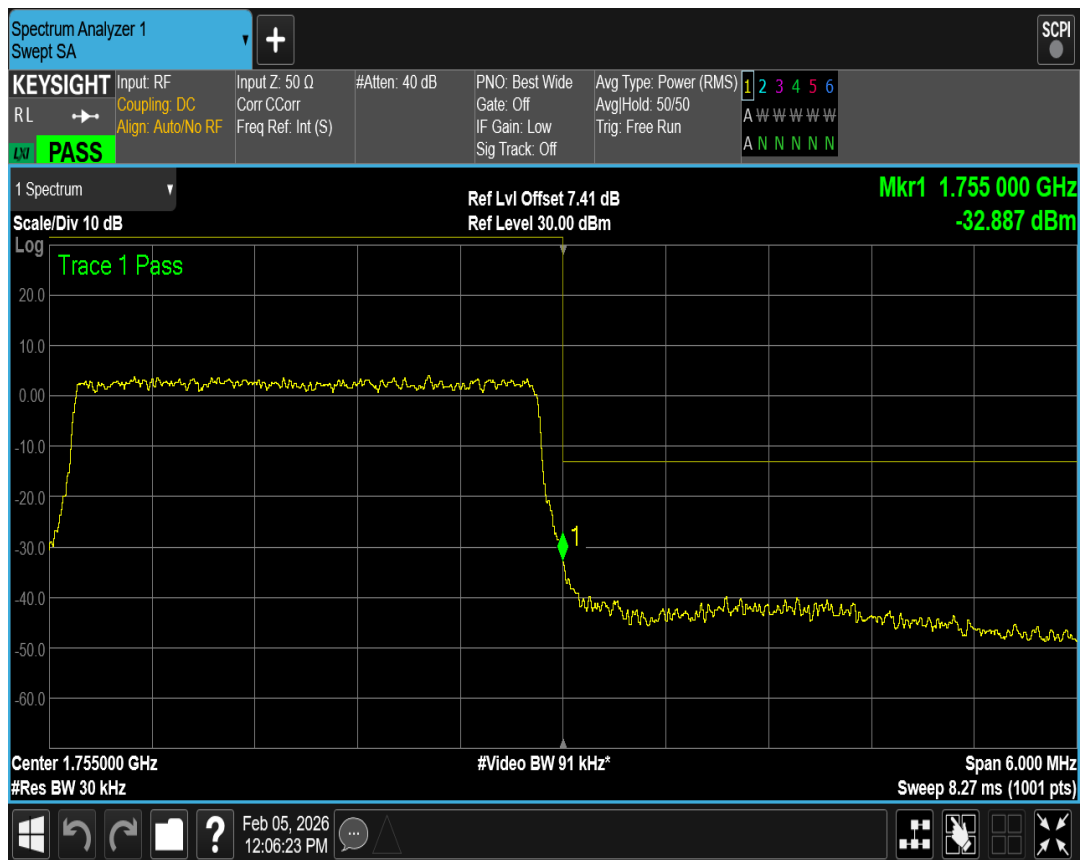
Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



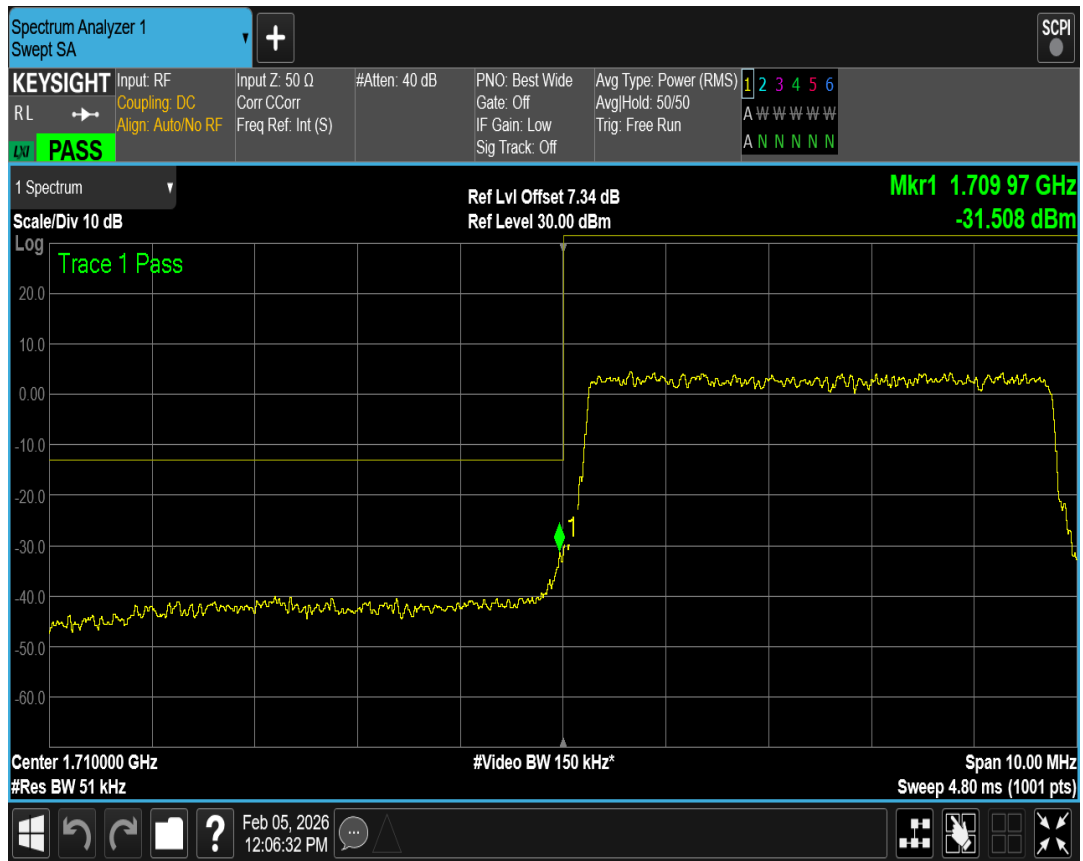
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



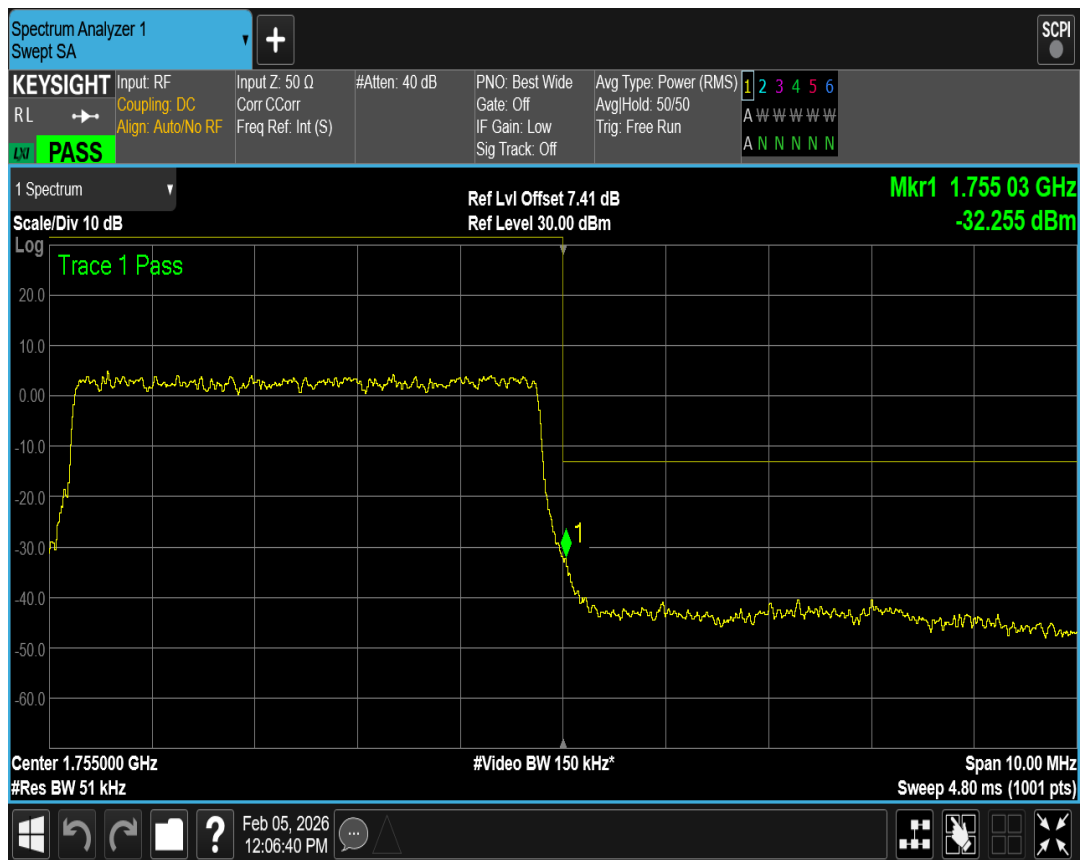
**Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0**



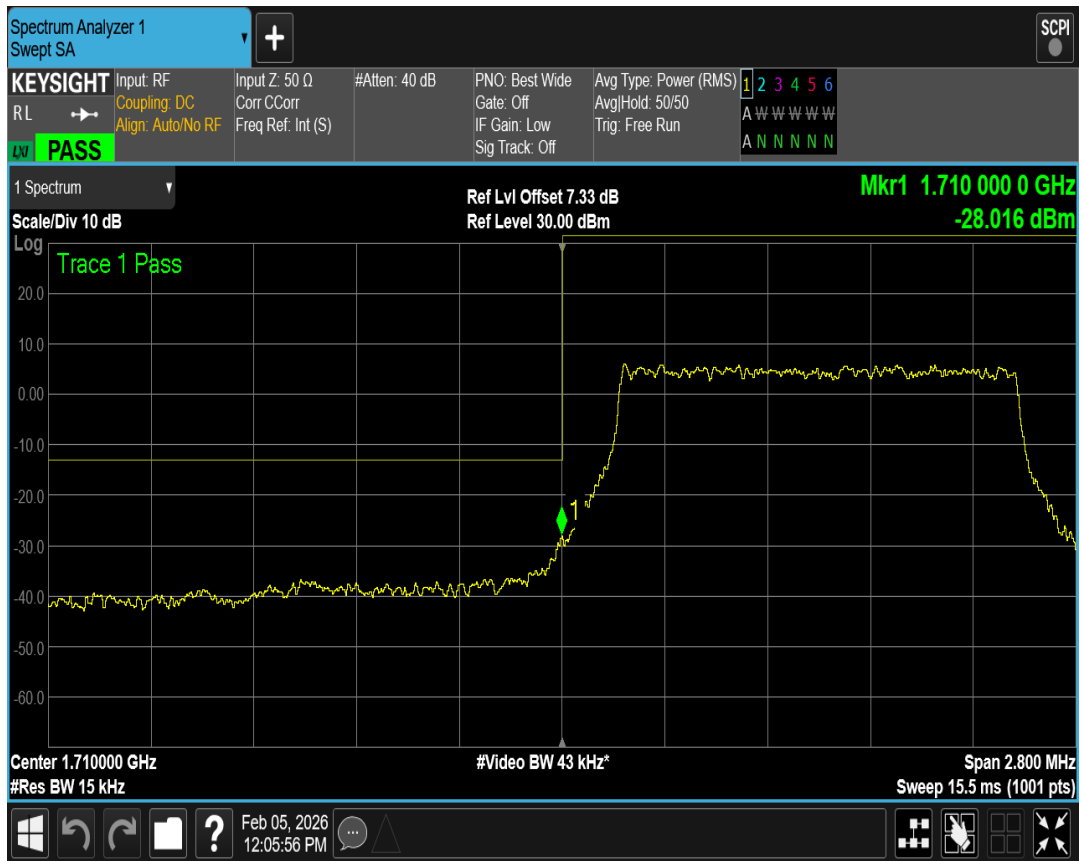
**Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0**



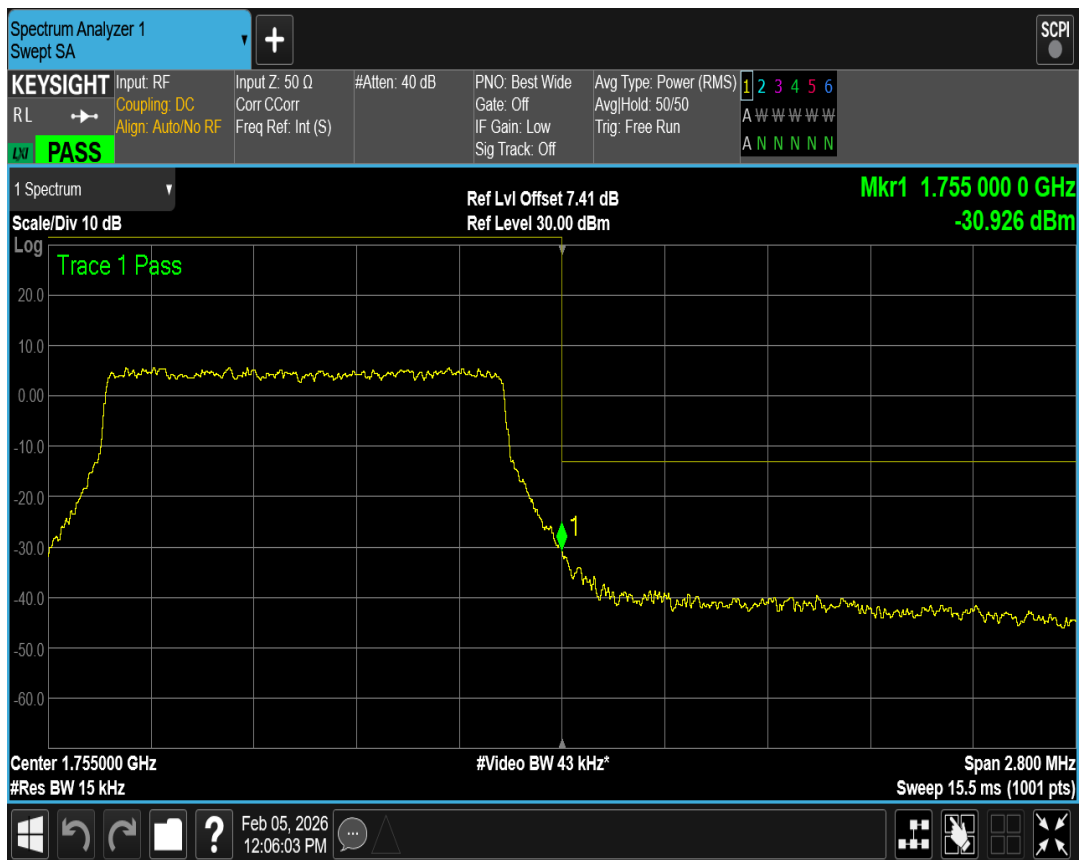
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



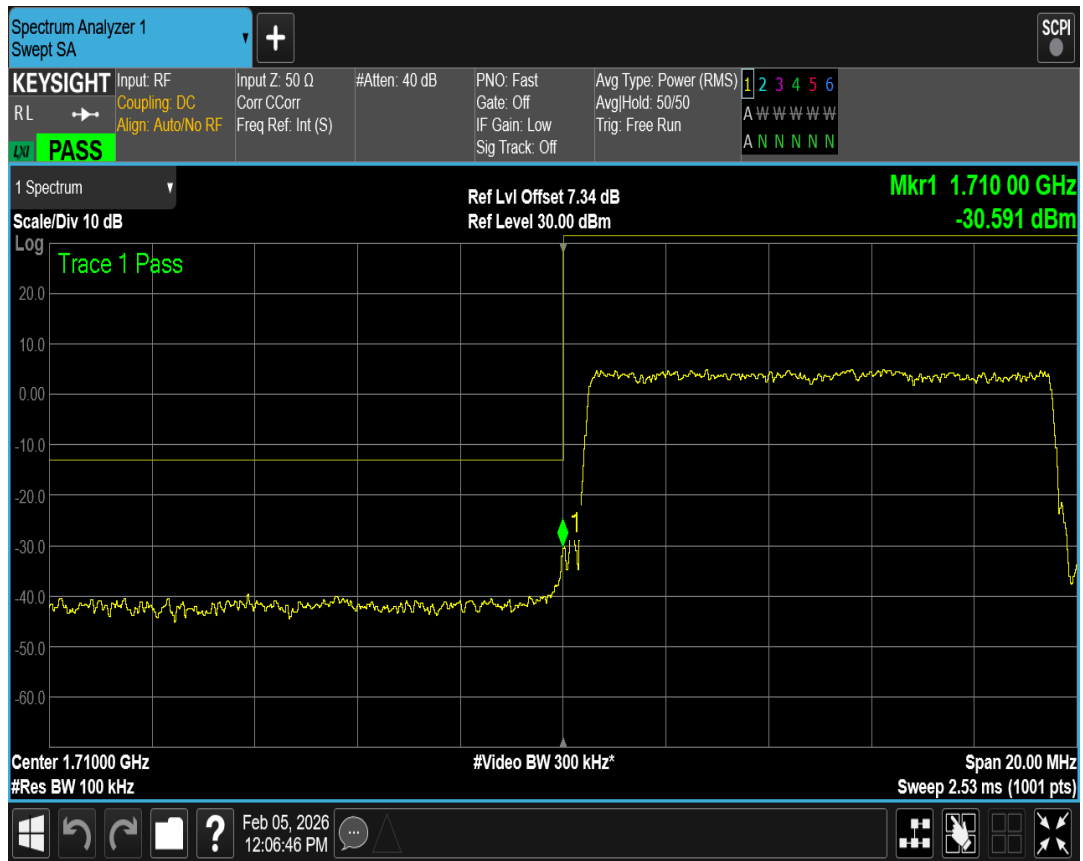
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



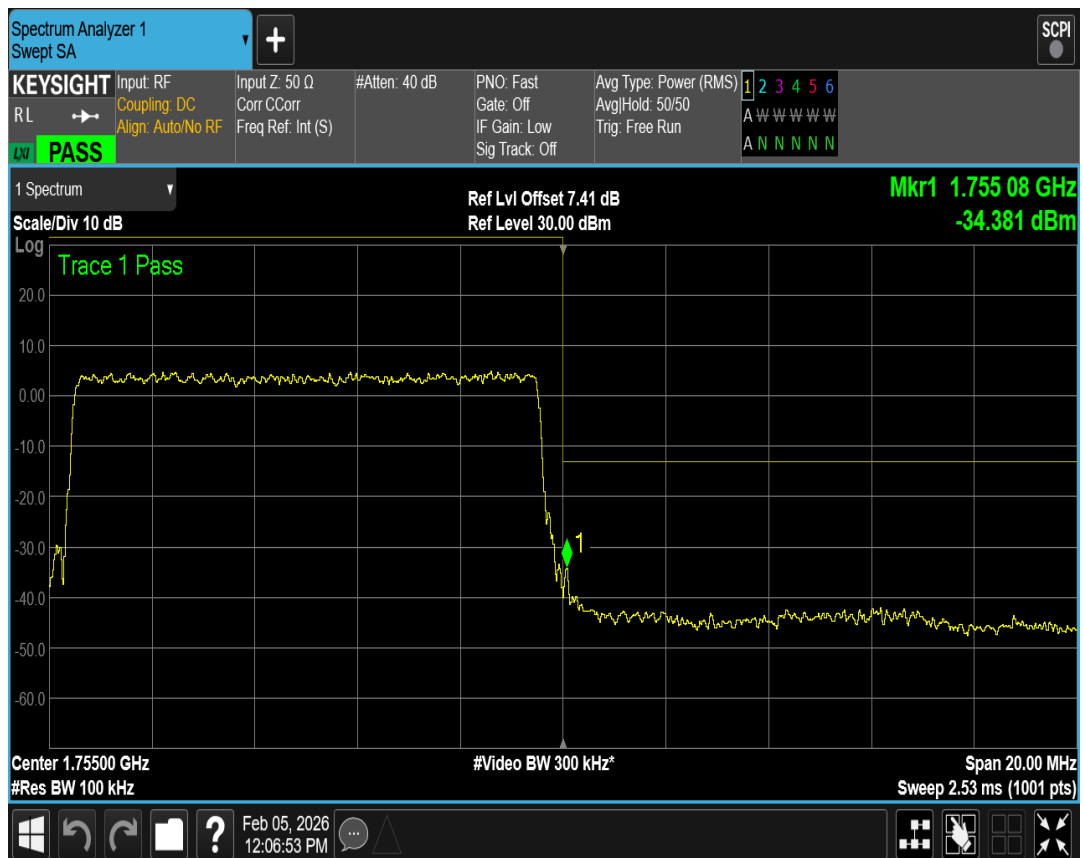
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



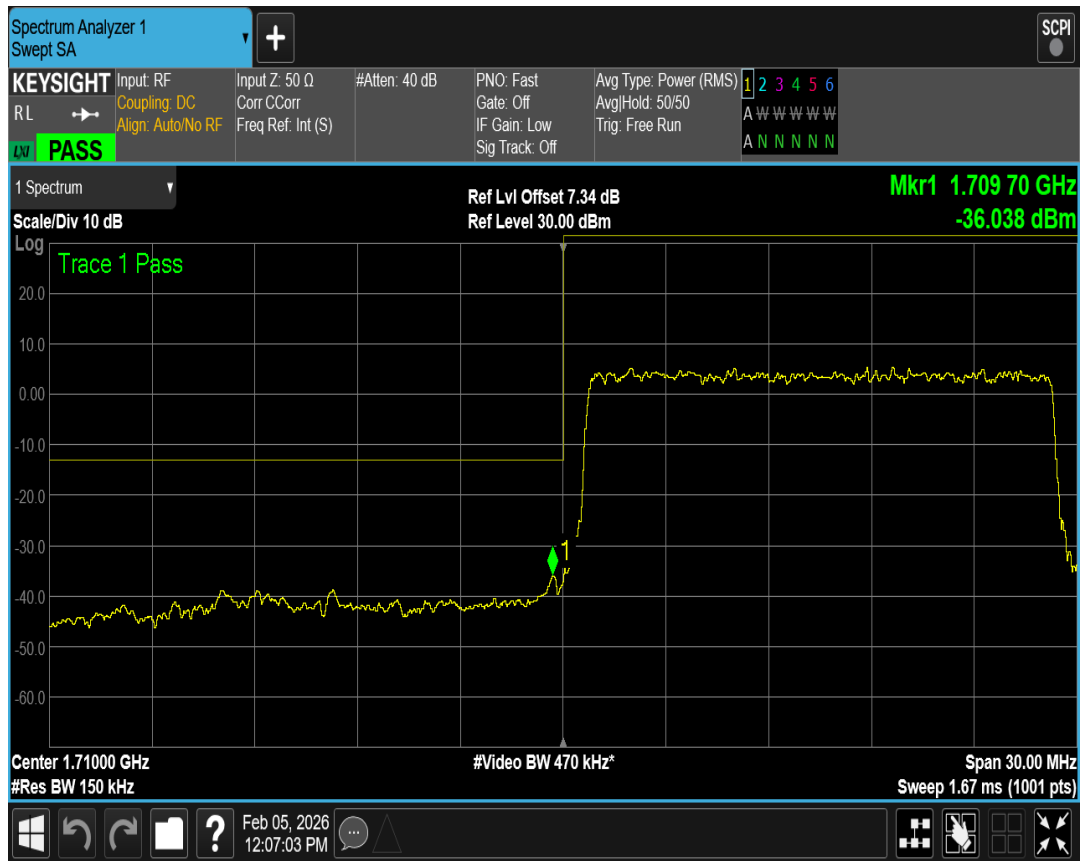
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



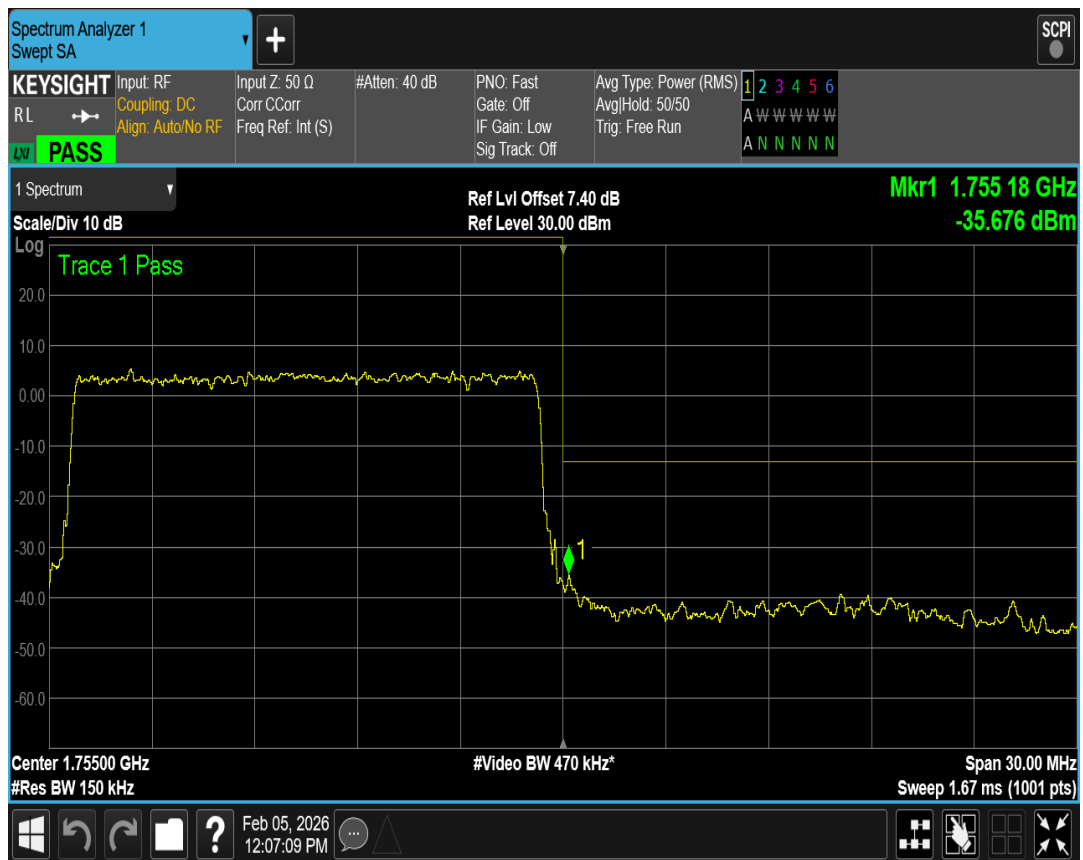
*Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0*



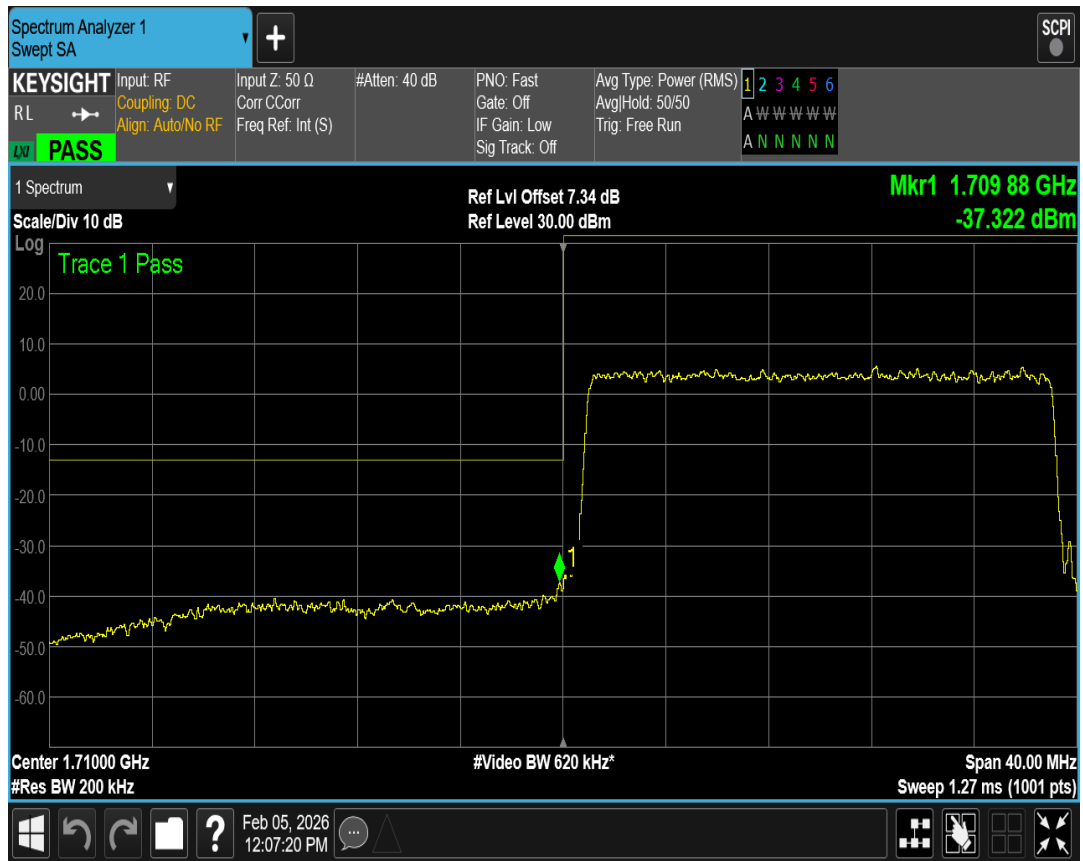
*Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0*



Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



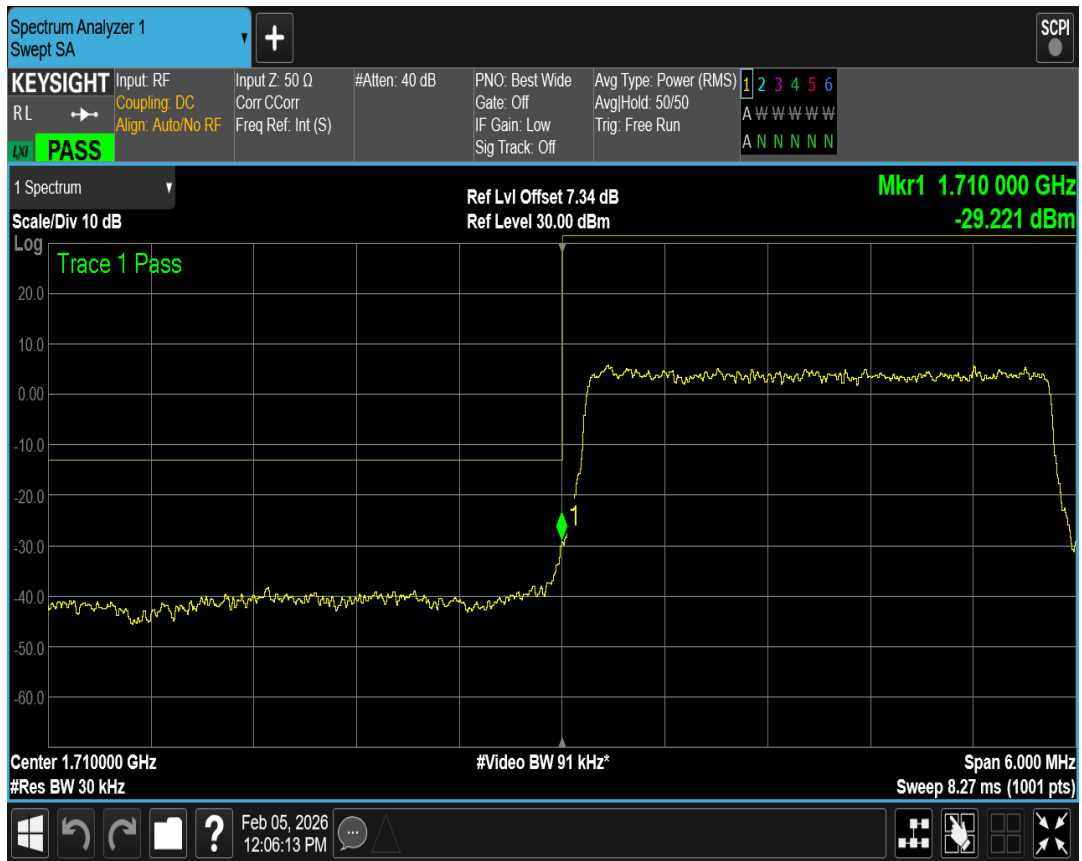
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



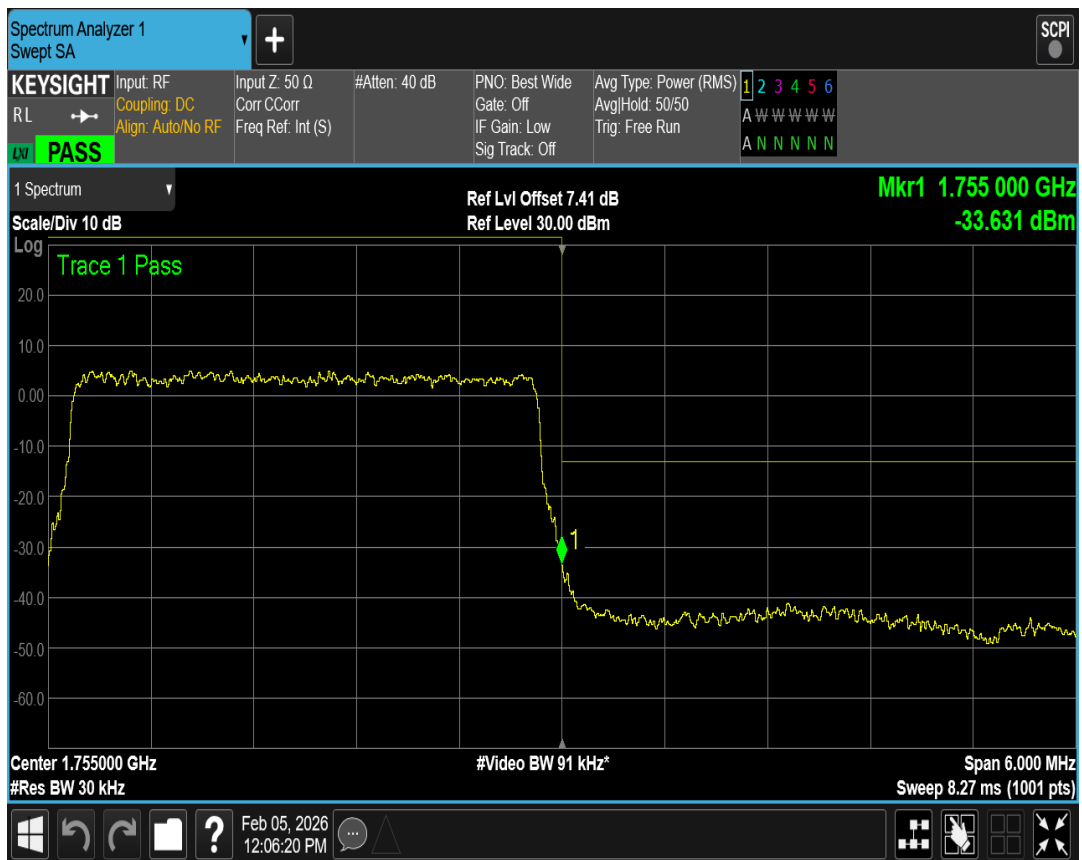
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



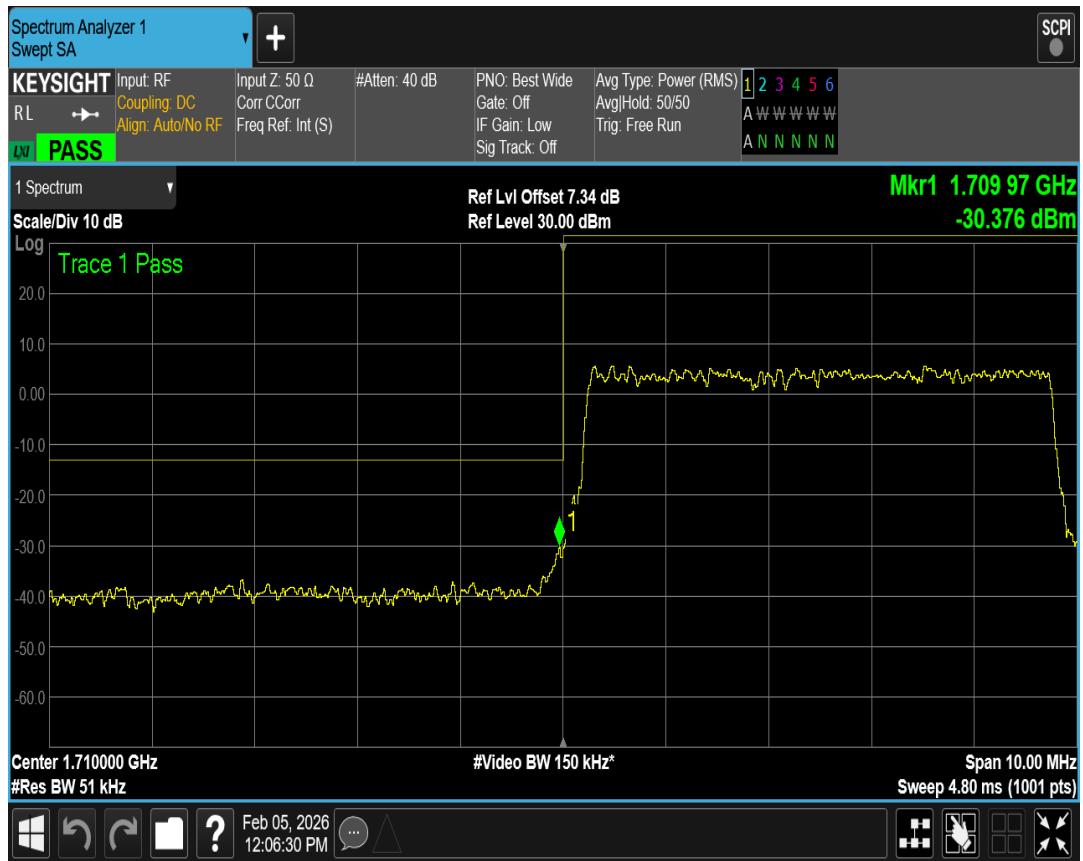
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



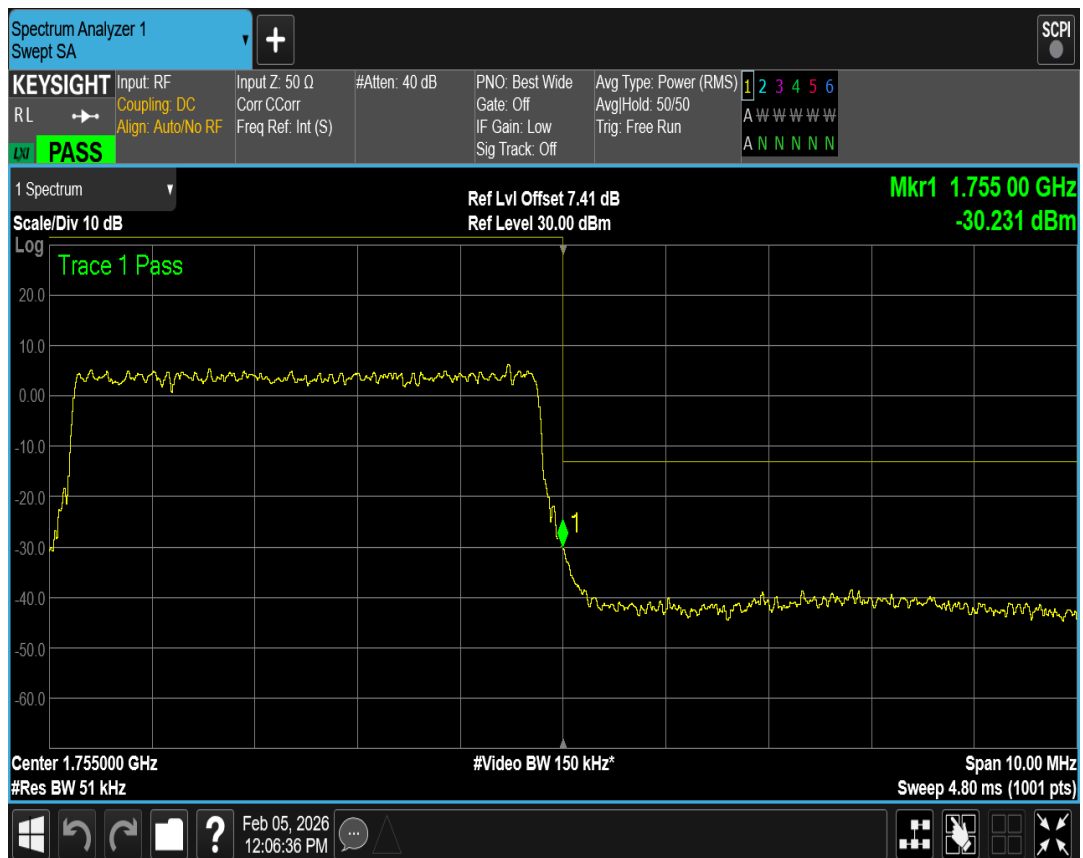
**Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0**



**Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0**



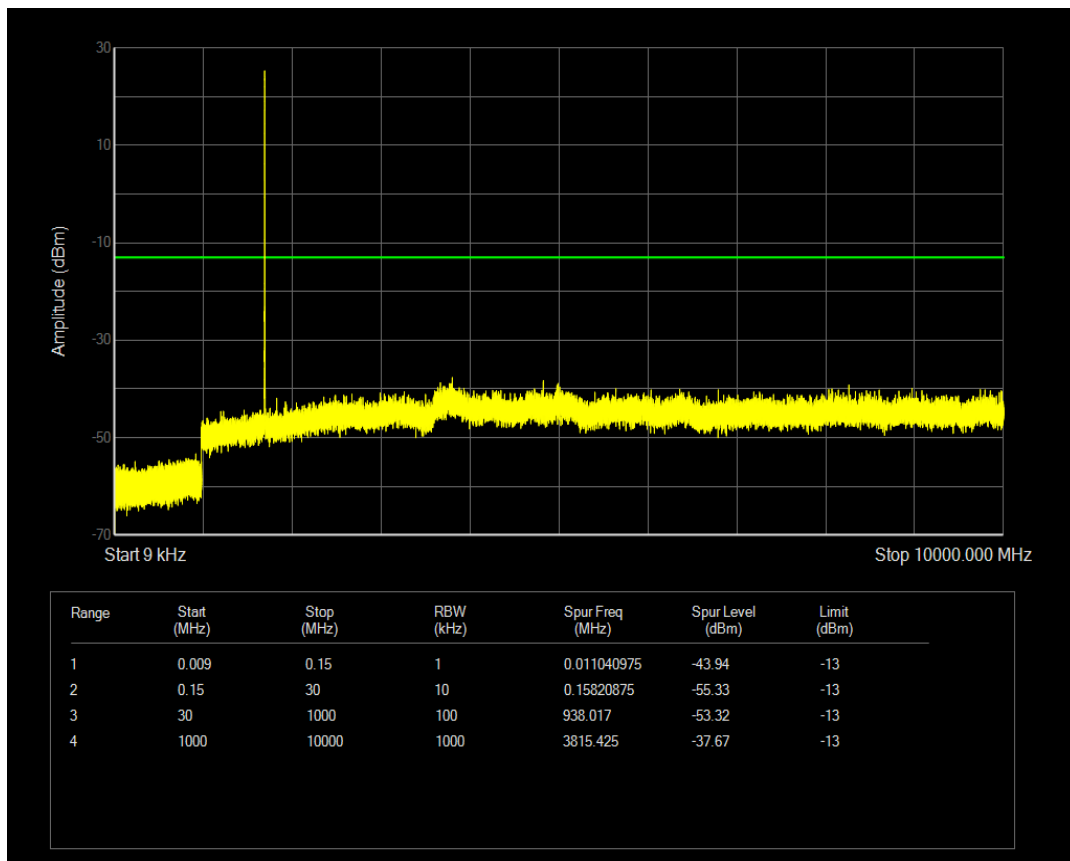
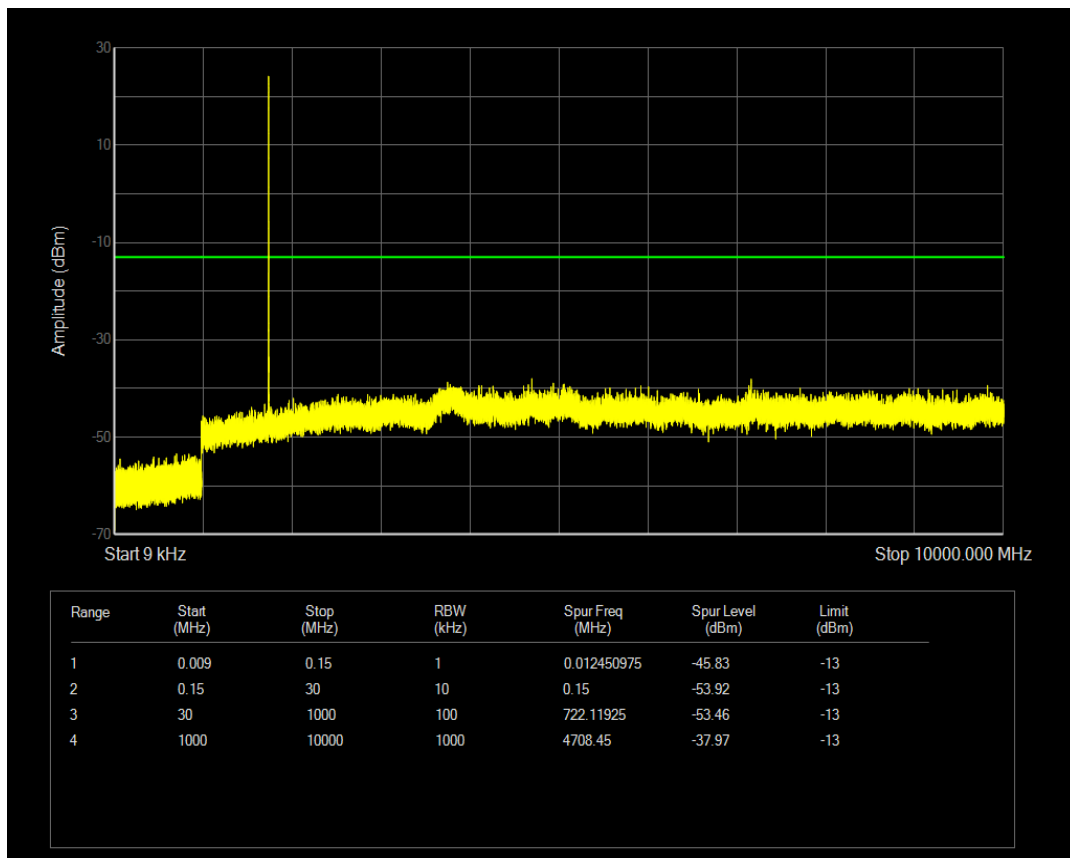
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0

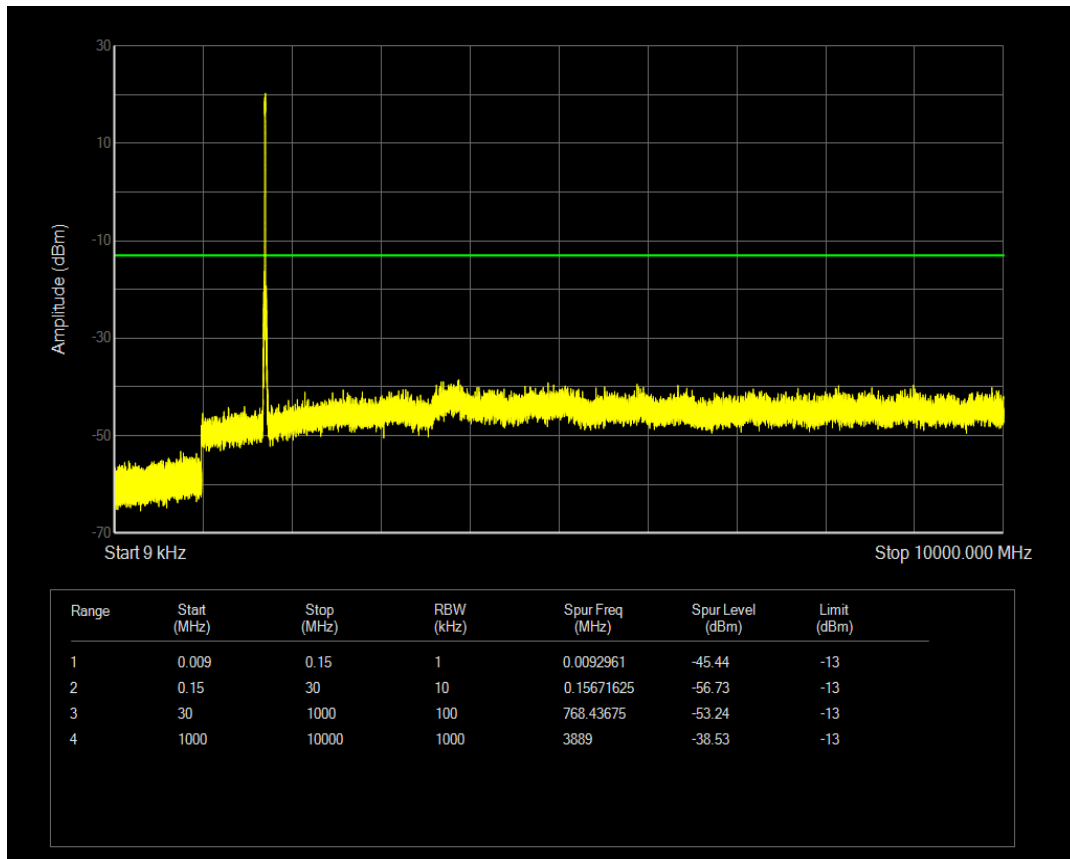
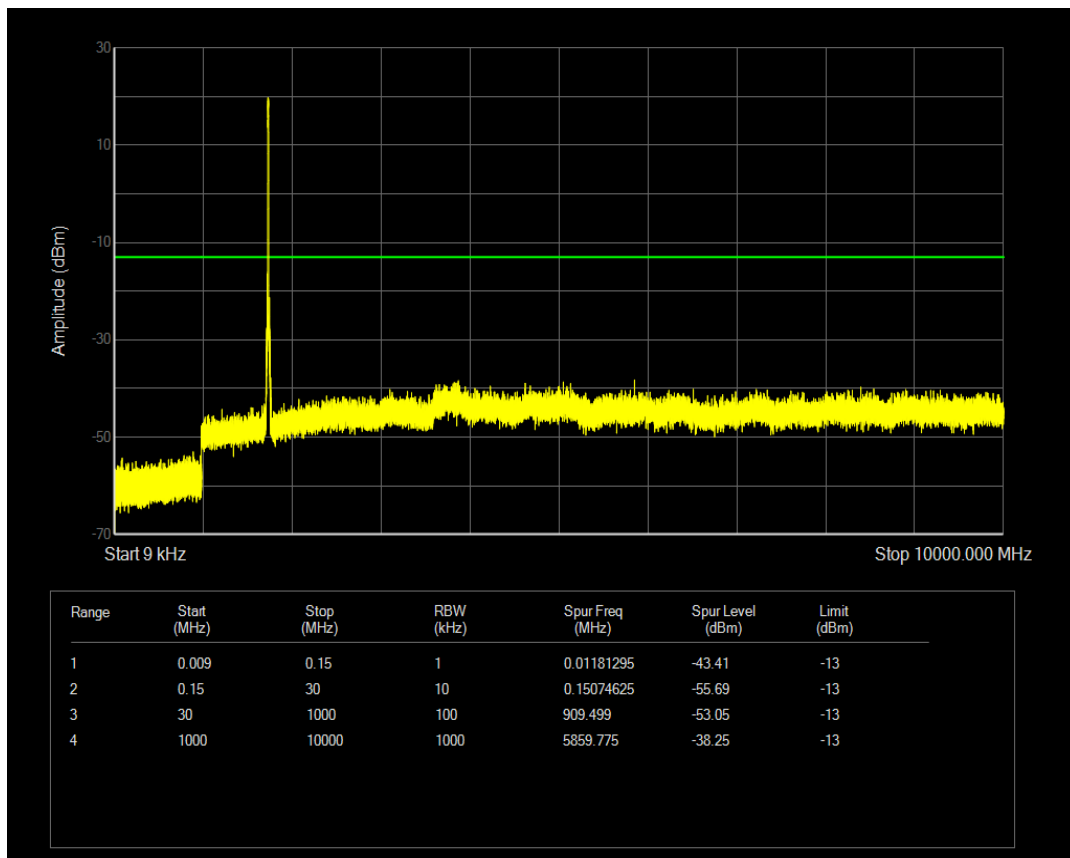


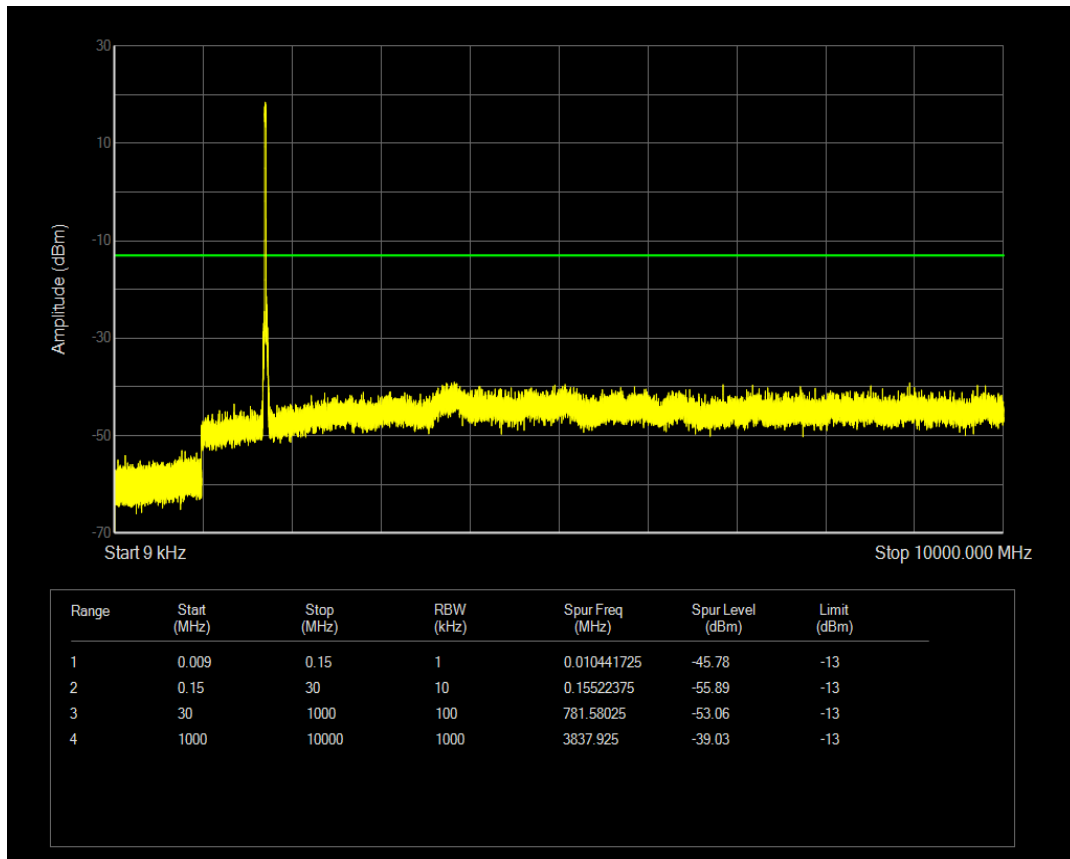
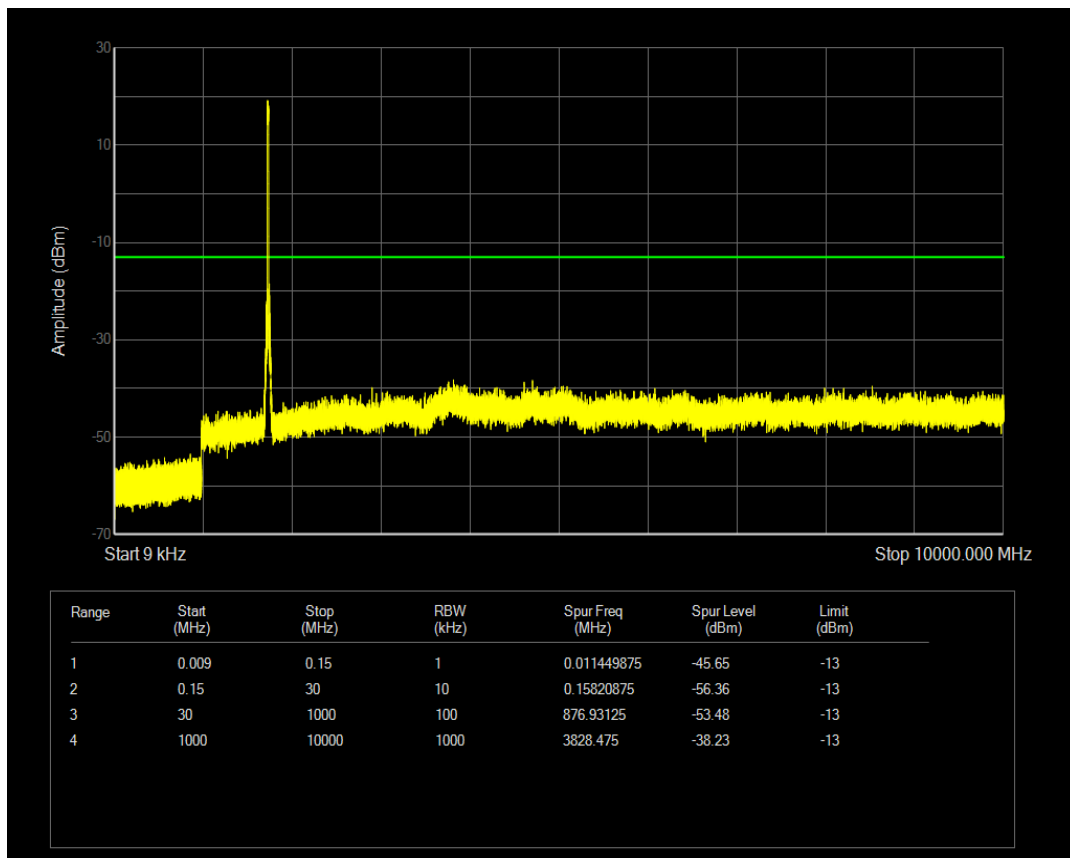
## 6 Out-of-band emissions

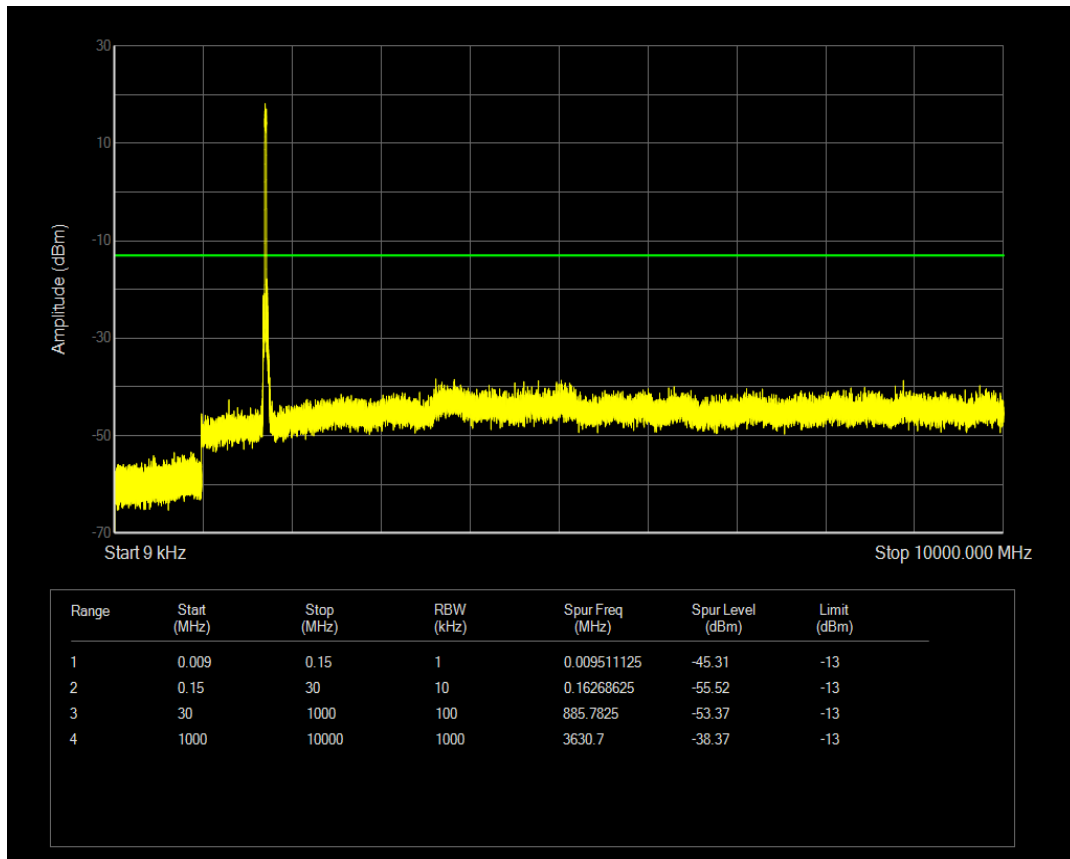
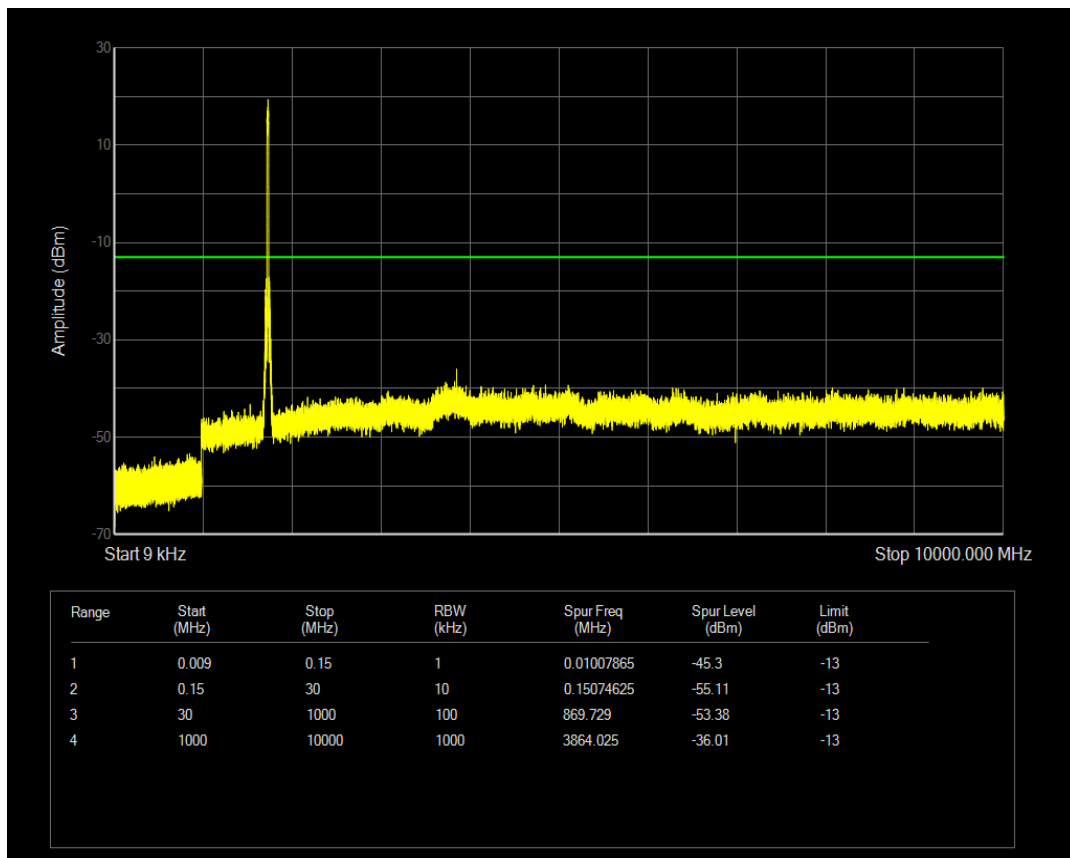
| <i>Band</i> | <i>Bandwidth<br/>(MHz)</i> | <i>UL<br/>Channel</i> | <i>RB<br/>Size</i> | <i>RB<br/>Position</i> | <i>Modulation</i> | <i>Spur<br/>Freq<br/>(MHz)</i> | <i>Spur<br/>Level<br/>(dBm)</i> | <i>Limit<br/>(dBm)</i> | <i>Verdict</i> |
|-------------|----------------------------|-----------------------|--------------------|------------------------|-------------------|--------------------------------|---------------------------------|------------------------|----------------|
| Band4       | 1.4                        | 19957                 | 6                  | #0                     | QPSK              | 3781.00                        | -38.48                          | -13                    | PASS           |
| Band4       | 1.4                        | 19957                 | 6                  | #0                     | QAM16             | 3815.43                        | -37.67                          | -13                    | PASS           |
| Band4       | 1.4                        | 20393                 | 6                  | #0                     | QPSK              | 3860.65                        | -37.69                          | -13                    | PASS           |
| Band4       | 1.4                        | 20393                 | 6                  | #0                     | QAM16             | 4708.45                        | -37.97                          | -13                    | PASS           |
| Band4       | 3                          | 19965                 | 15                 | #0                     | QPSK              | 5083.98                        | -38.25                          | -13                    | PASS           |
| Band4       | 3                          | 19965                 | 15                 | #0                     | QAM16             | 3706.08                        | -38.69                          | -13                    | PASS           |
| Band4       | 3                          | 20385                 | 15                 | #0                     | QPSK              | 3811.38                        | -38.06                          | -13                    | PASS           |
| Band4       | 3                          | 20385                 | 15                 | #0                     | QAM16             | 5154.85                        | -39.16                          | -13                    | PASS           |
| Band4       | 5                          | 19975                 | 25                 | #0                     | QPSK              | 5131.23                        | -38.09                          | -13                    | PASS           |
| Band4       | 5                          | 19975                 | 25                 | #0                     | QAM16             | 3773.35                        | -38.62                          | -13                    | PASS           |
| Band4       | 5                          | 20375                 | 25                 | #0                     | QPSK              | 4823.20                        | -38.21                          | -13                    | PASS           |
| Band4       | 5                          | 20375                 | 25                 | #0                     | QAM16             | 3886.98                        | -38.58                          | -13                    | PASS           |
| Band4       | 10                         | 20000                 | 50                 | #0                     | QPSK              | 3890.35                        | -38.54                          | -13                    | PASS           |
| Band4       | 10                         | 20000                 | 50                 | #0                     | QAM16             | 3889.00                        | -38.53                          | -13                    | PASS           |
| Band4       | 10                         | 20350                 | 50                 | #0                     | QPSK              | 3774.03                        | -38.18                          | -13                    | PASS           |
| Band4       | 10                         | 20350                 | 50                 | #0                     | QAM16             | 5859.78                        | -38.25                          | -13                    | PASS           |
| Band4       | 15                         | 20025                 | 75                 | #0                     | QPSK              | 3805.30                        | -38.64                          | -13                    | PASS           |
| Band4       | 15                         | 20025                 | 75                 | #0                     | QAM16             | 3837.93                        | -39.03                          | -13                    | PASS           |
| Band4       | 15                         | 20325                 | 75                 | #0                     | QPSK              | 4096.00                        | -38.98                          | -13                    | PASS           |
| Band4       | 15                         | 20325                 | 75                 | #0                     | QAM16             | 3828.48                        | -38.23                          | -13                    | PASS           |
| Band4       | 20                         | 20050                 | 100                | #0                     | QPSK              | 7093.90                        | -38.61                          | -13                    | PASS           |
| Band4       | 20                         | 20050                 | 100                | #0                     | QAM16             | 3630.70                        | -38.37                          | -13                    | PASS           |
| Band4       | 20                         | 20300                 | 100                | #0                     | QPSK              | 3776.73                        | -38.58                          | -13                    | PASS           |
| Band4       | 20                         | 20300                 | 100                | #0                     | QAM16             | 3864.03                        | -36.01                          | -13                    | PASS           |

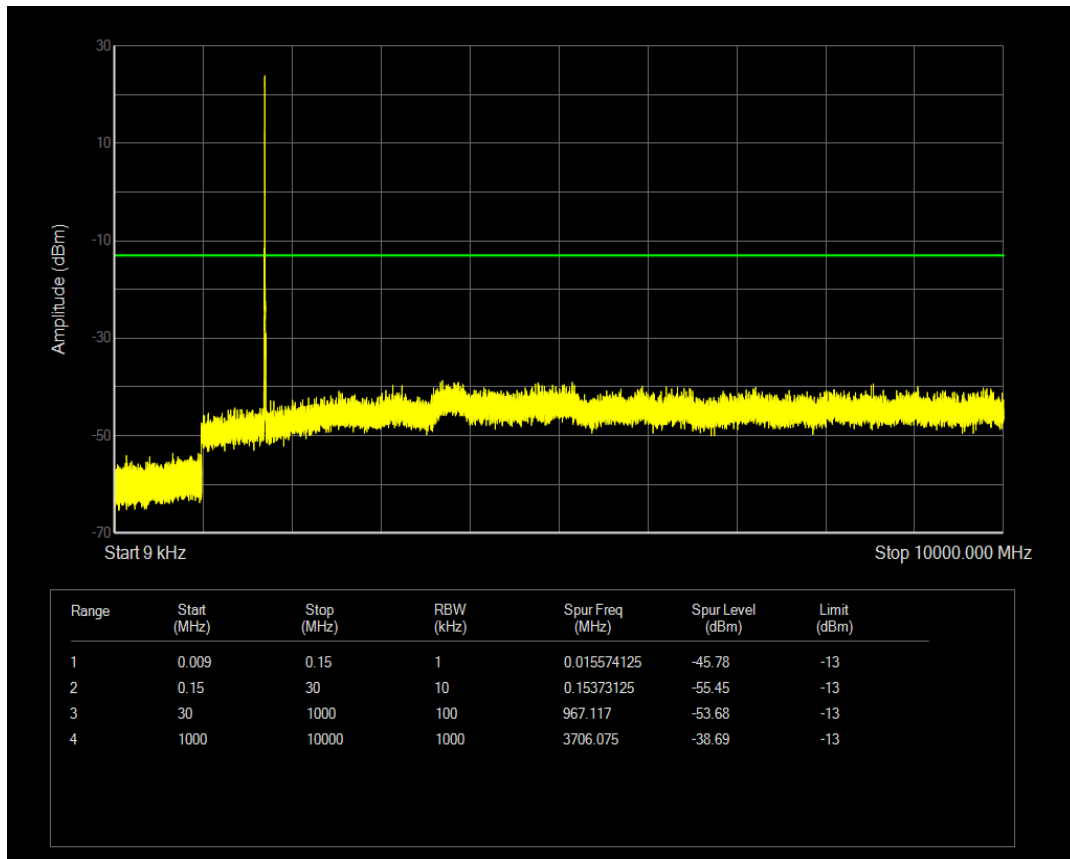
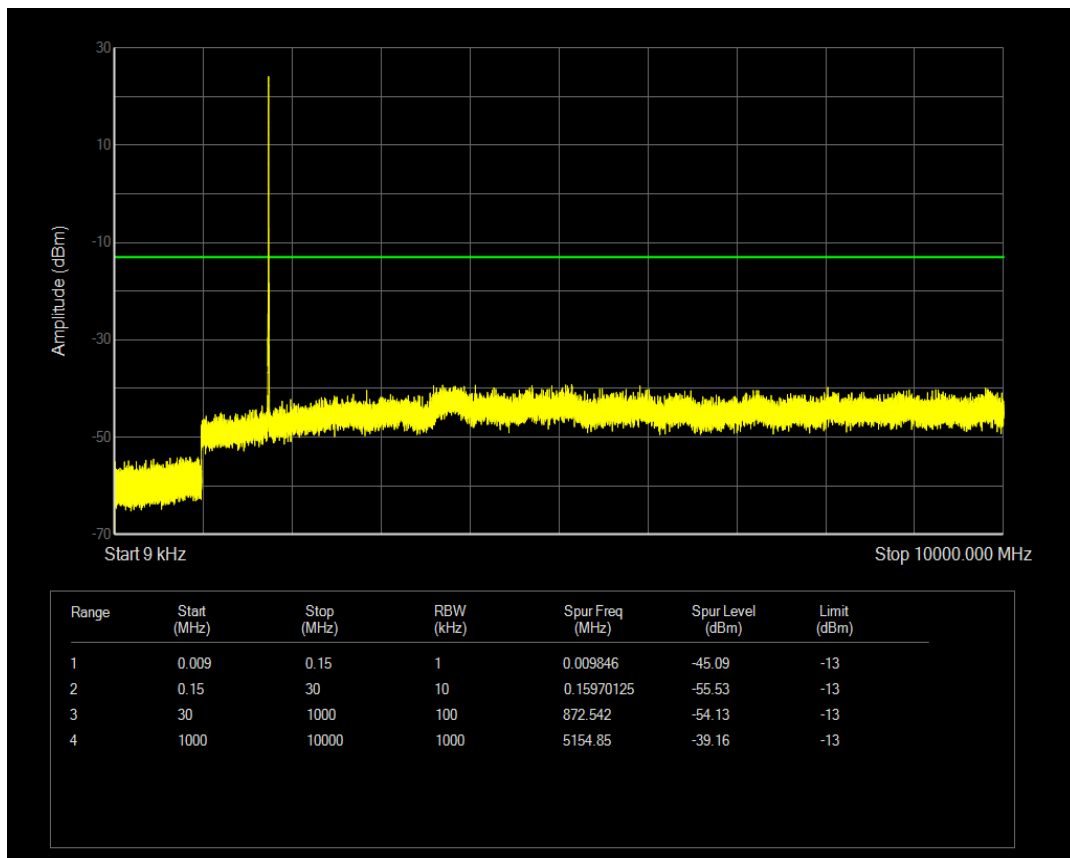
**Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0**

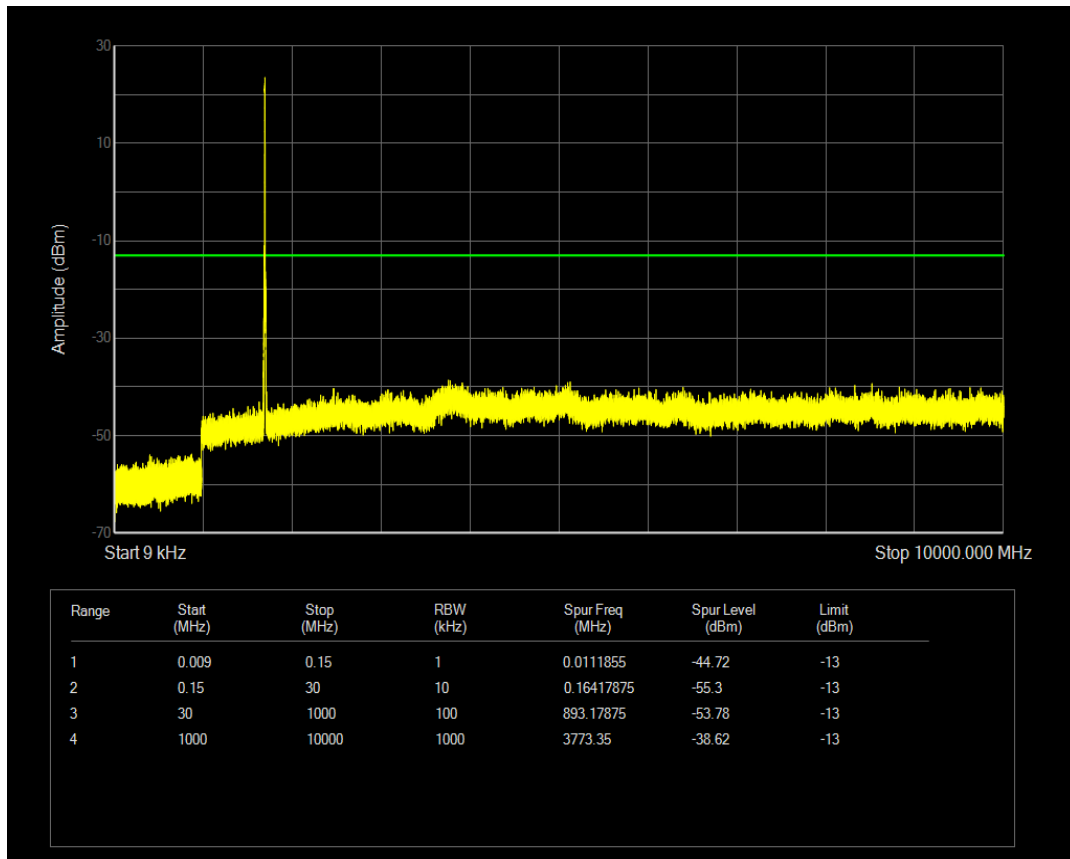
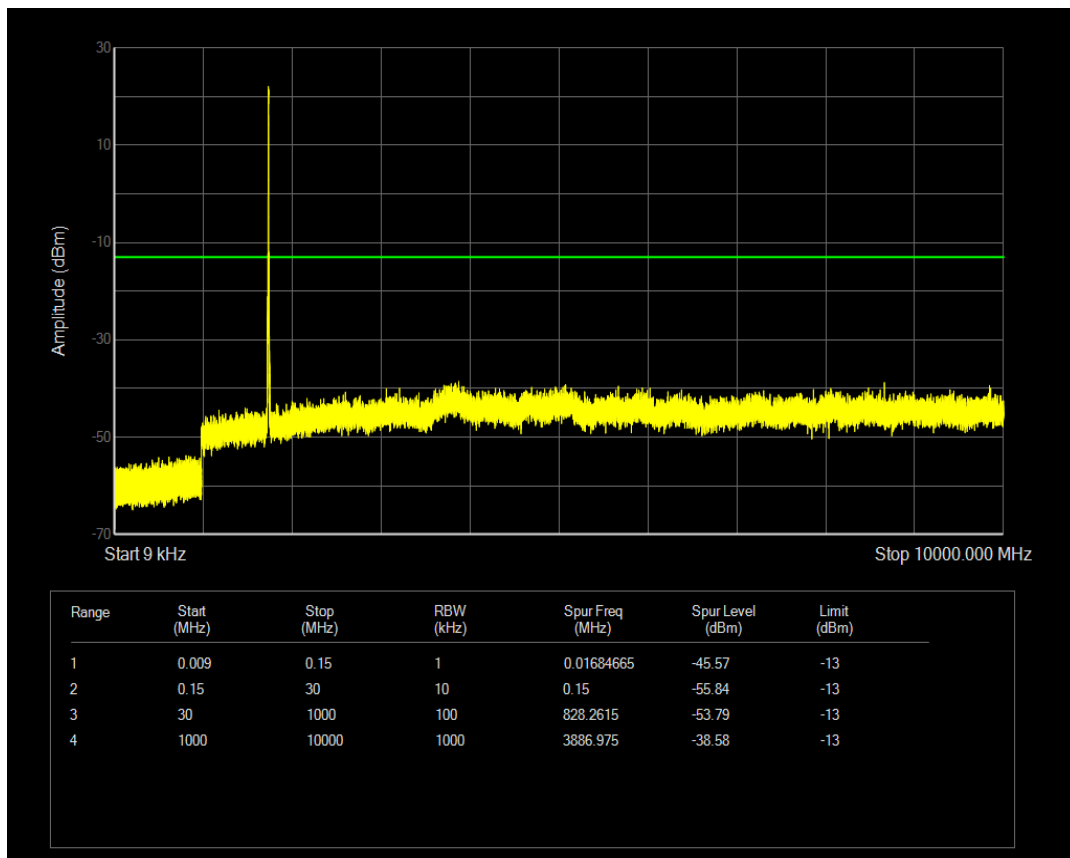
**Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0****Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0**

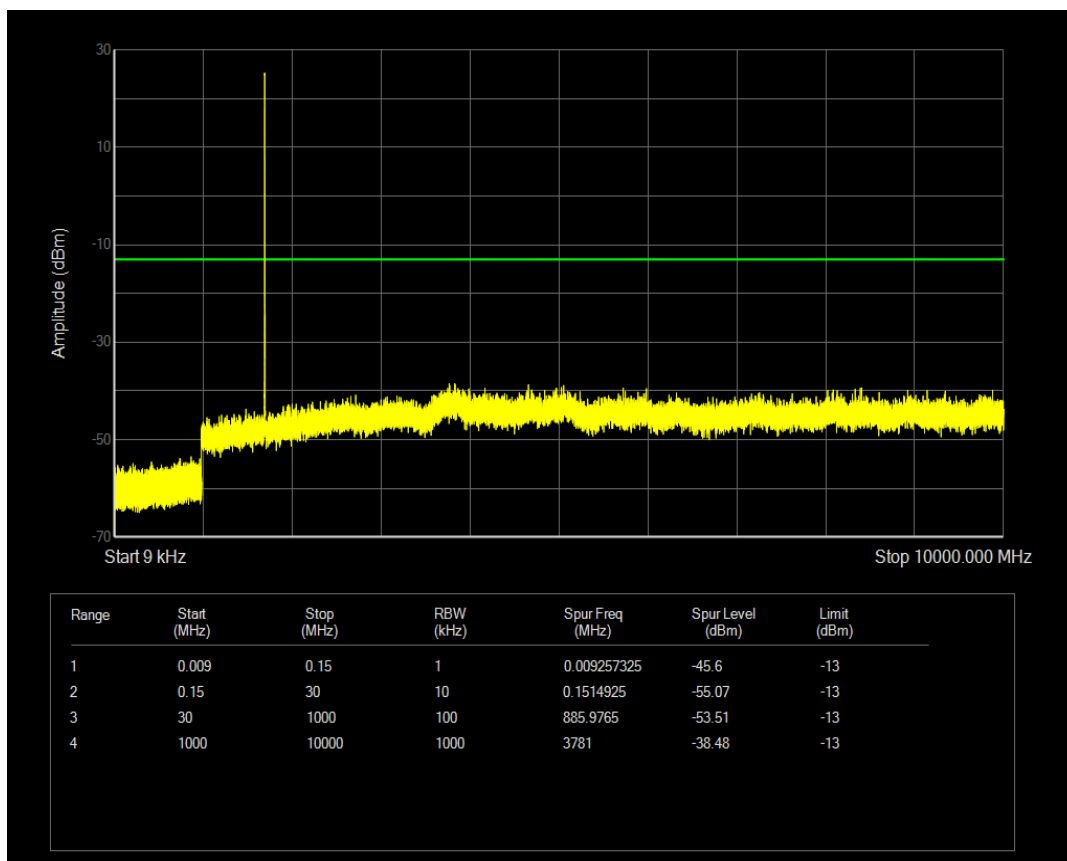
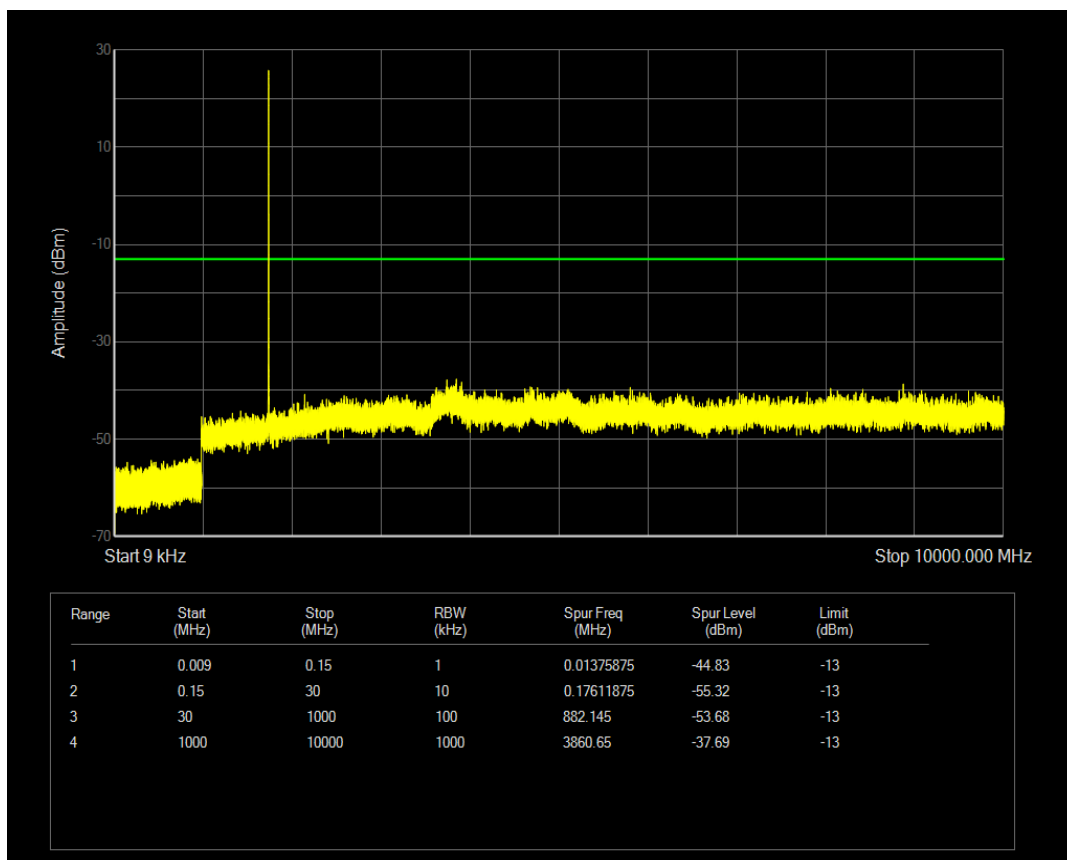
**Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0****Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0**

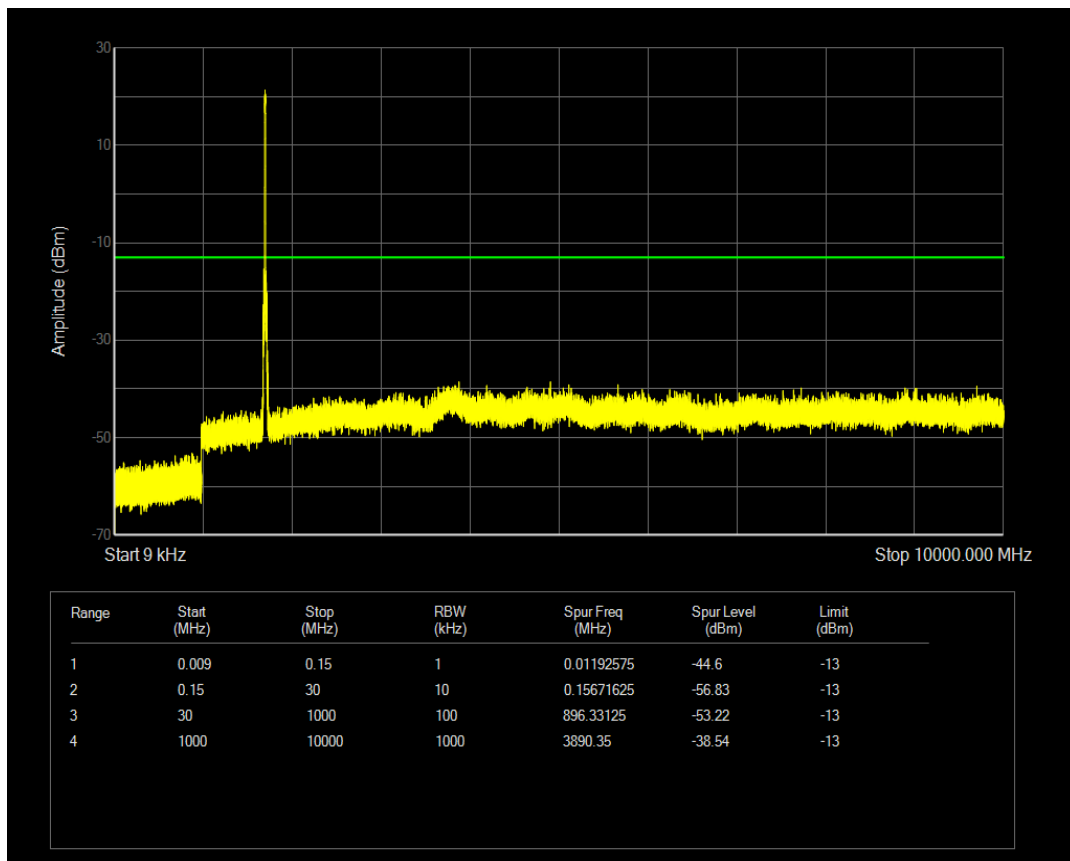
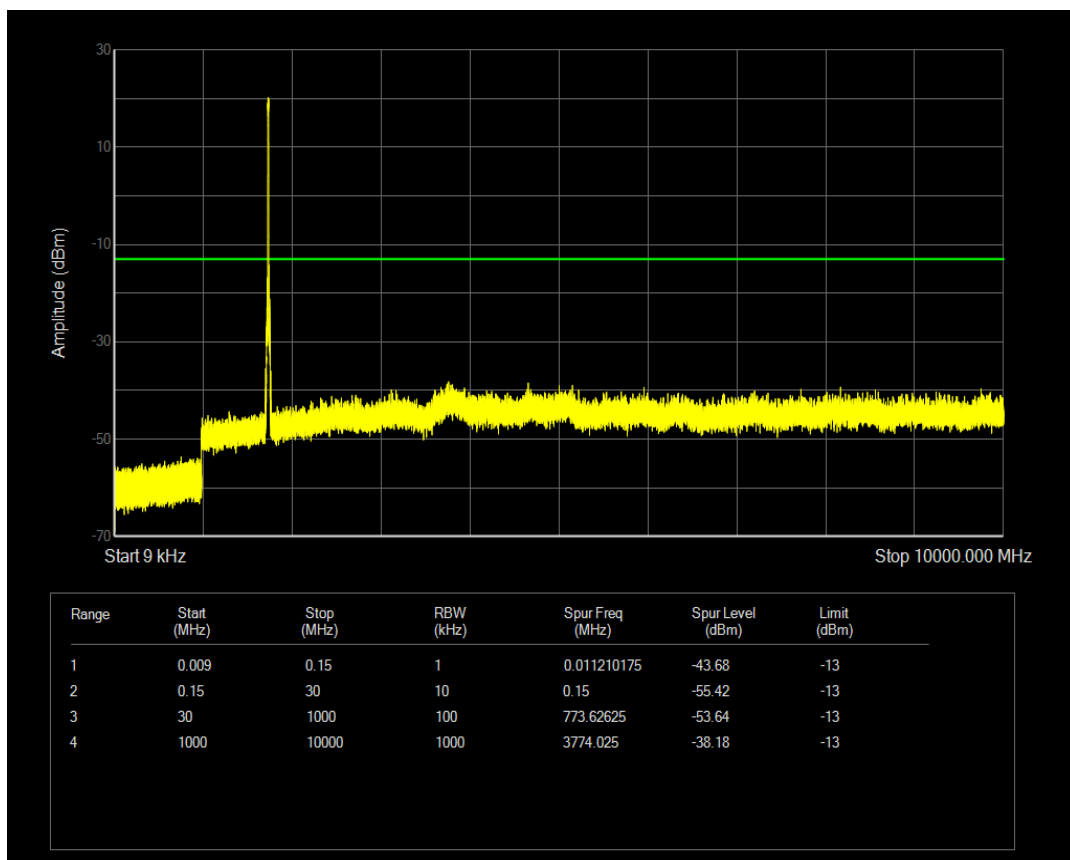
**Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0****Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0**

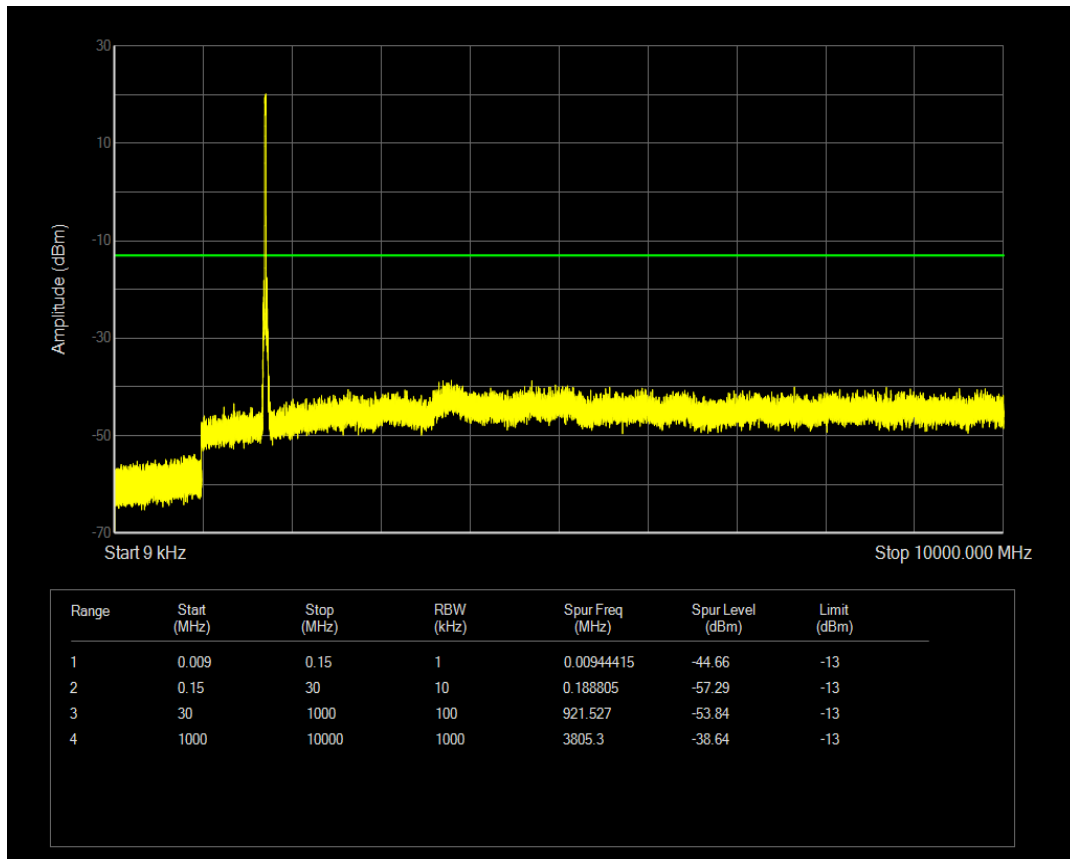
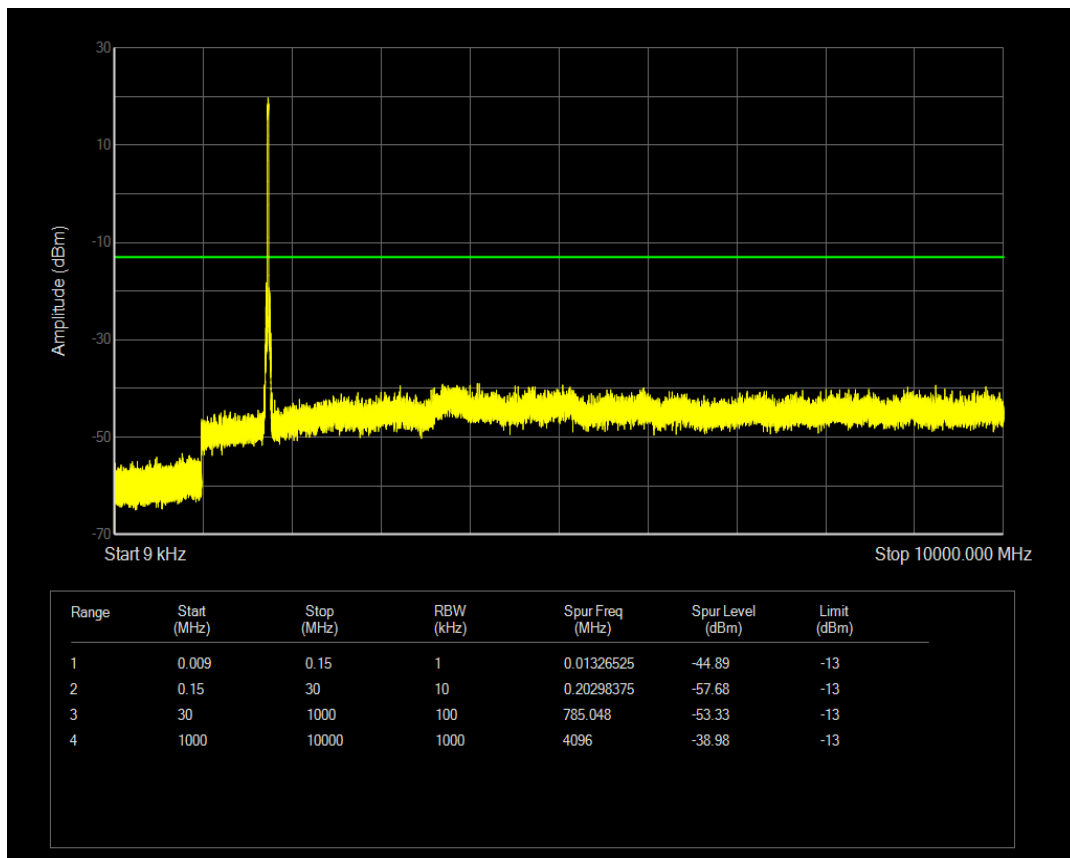
**Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0****Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0**

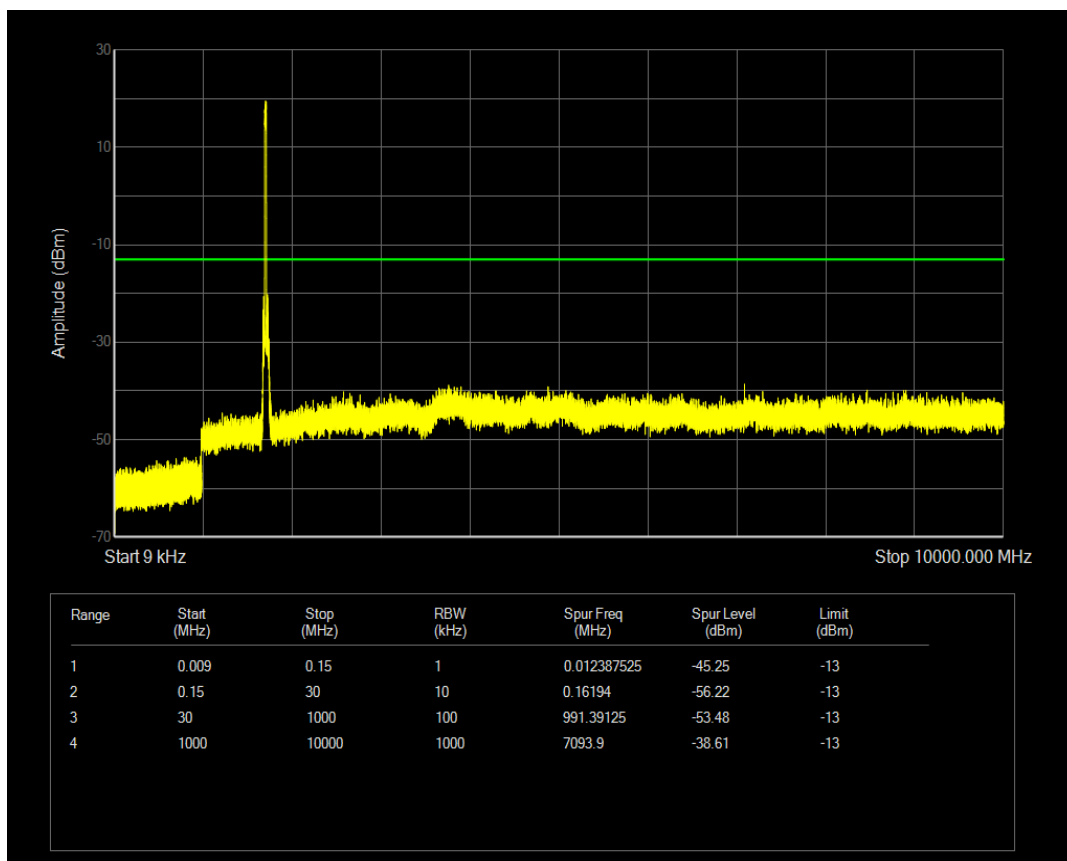
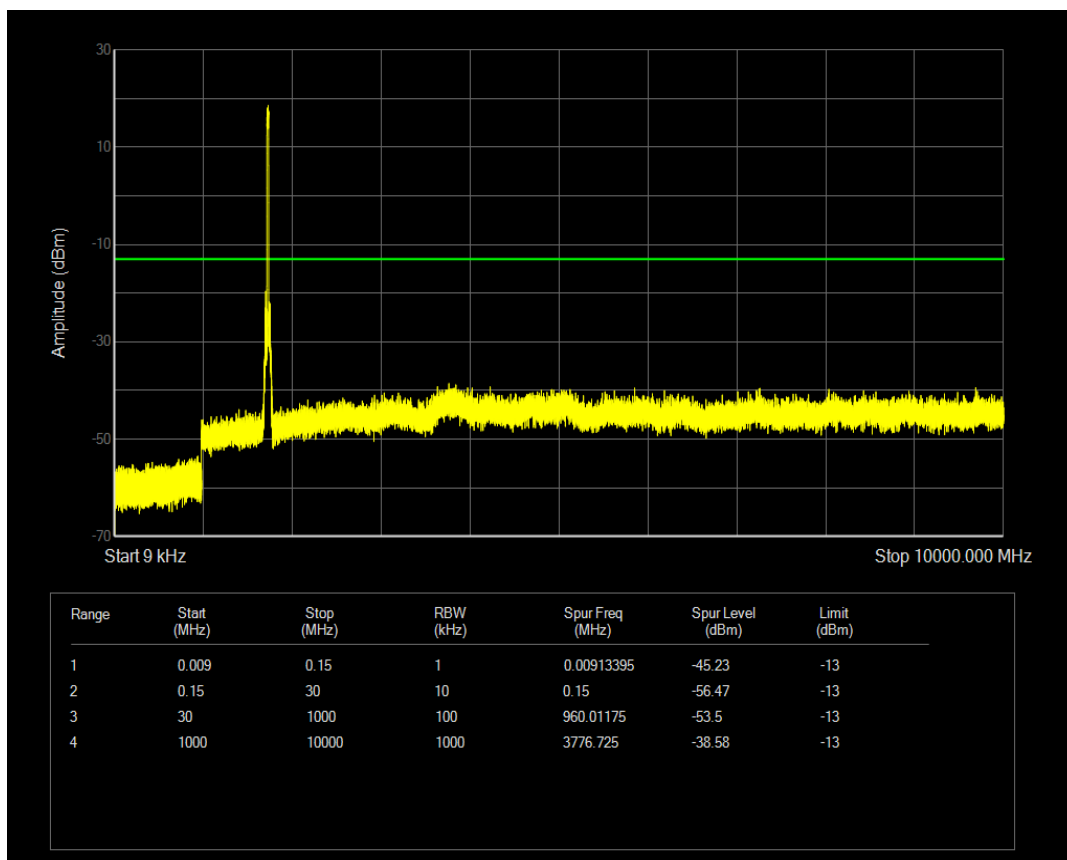
**Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0****Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0**

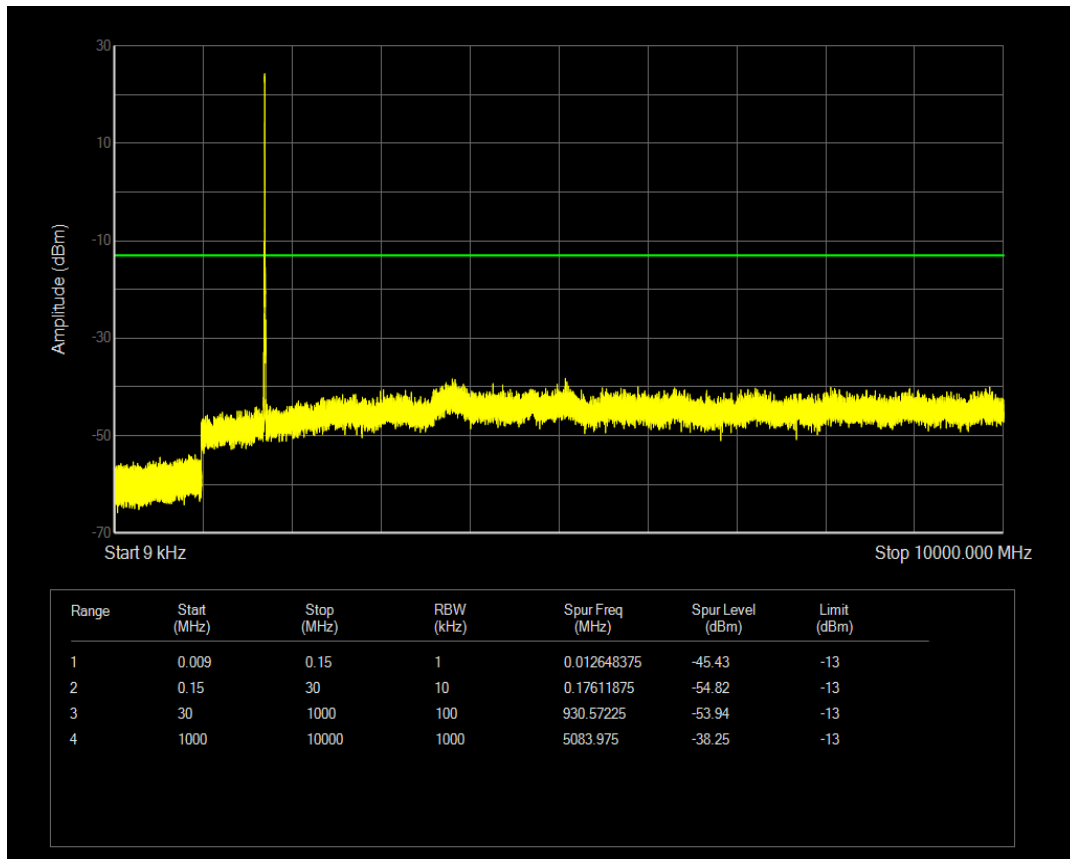
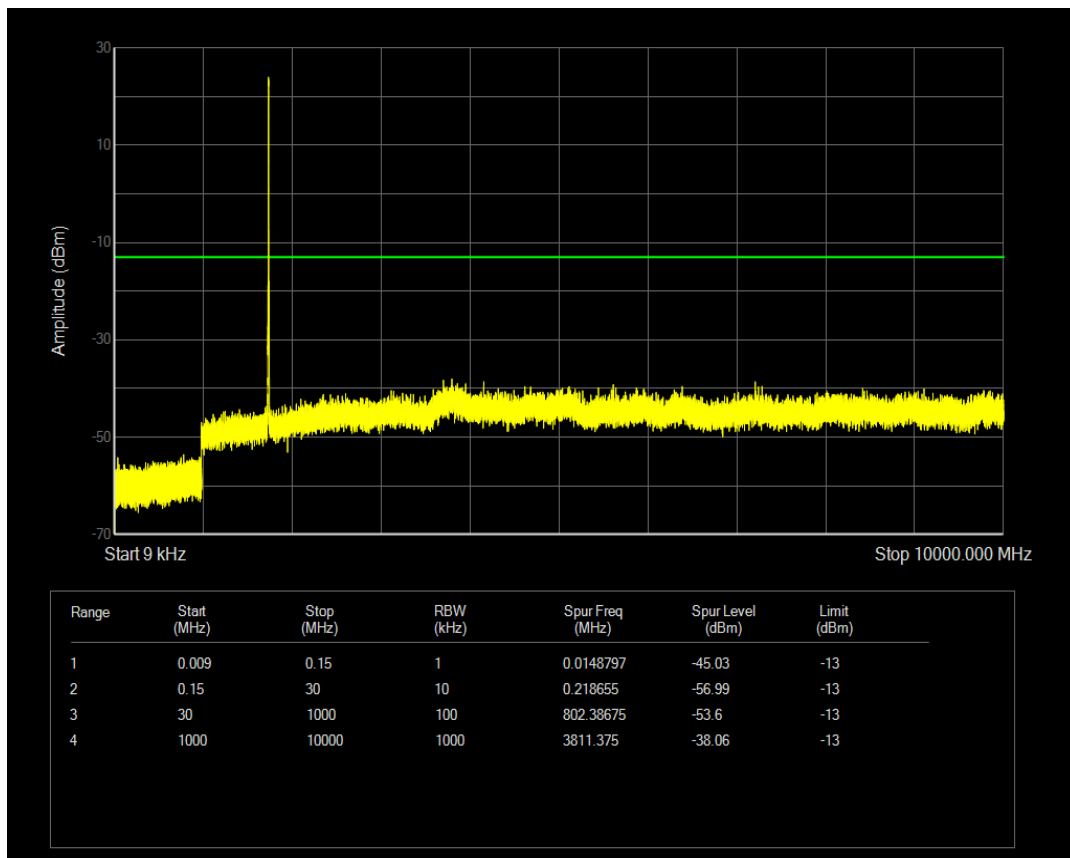
**Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0****Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0**

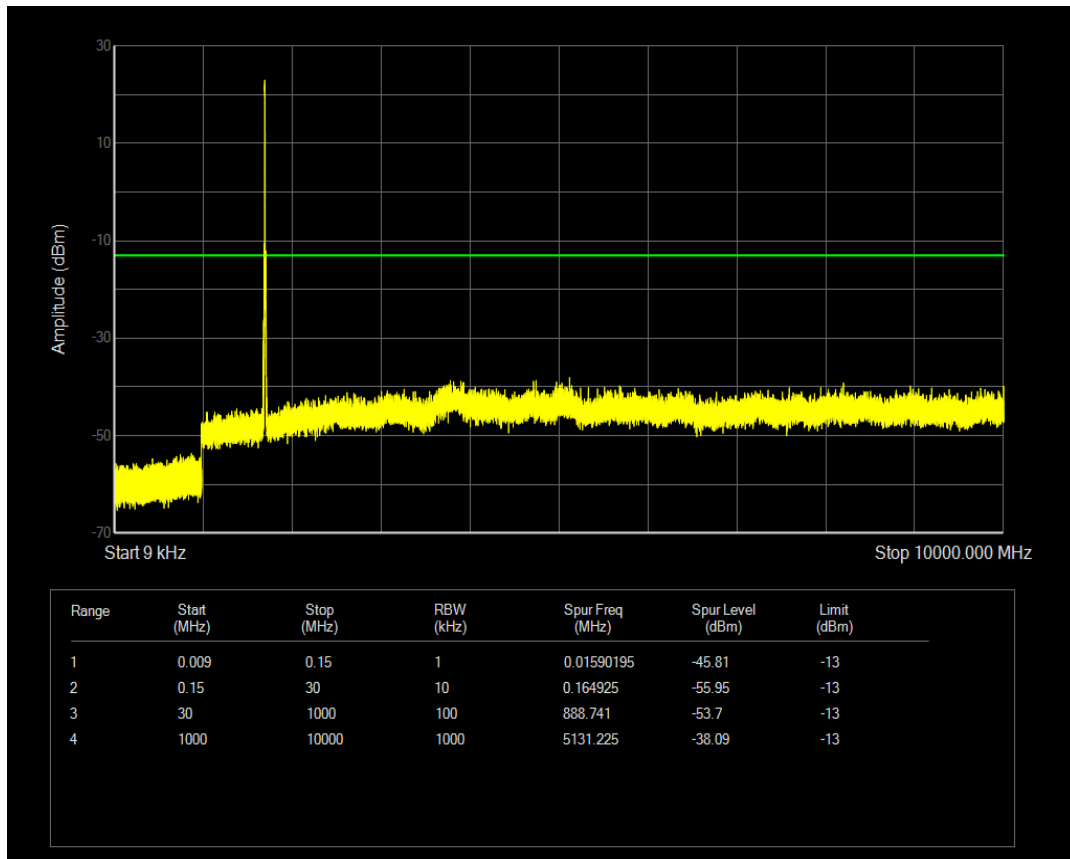
**Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0****Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0**

**Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0****Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0**

**Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0****Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0**

**Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0****Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0**

**Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0****Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0**



**Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0**

