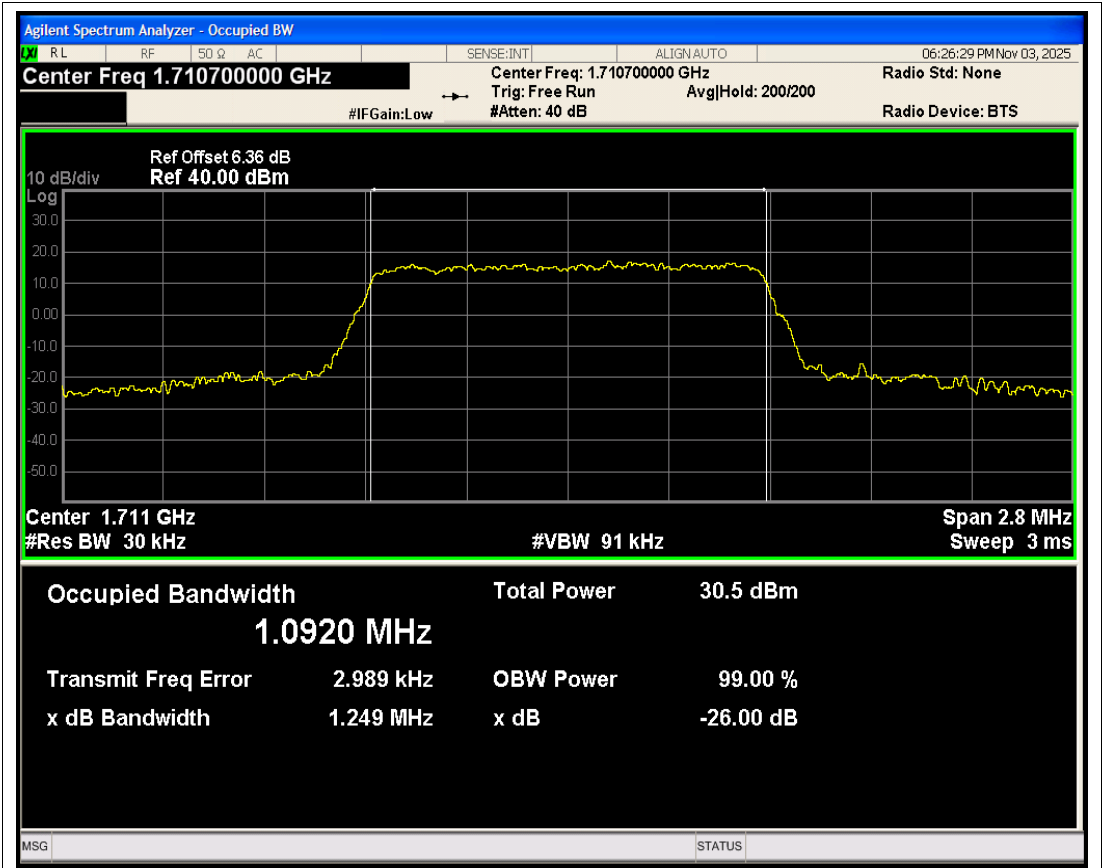
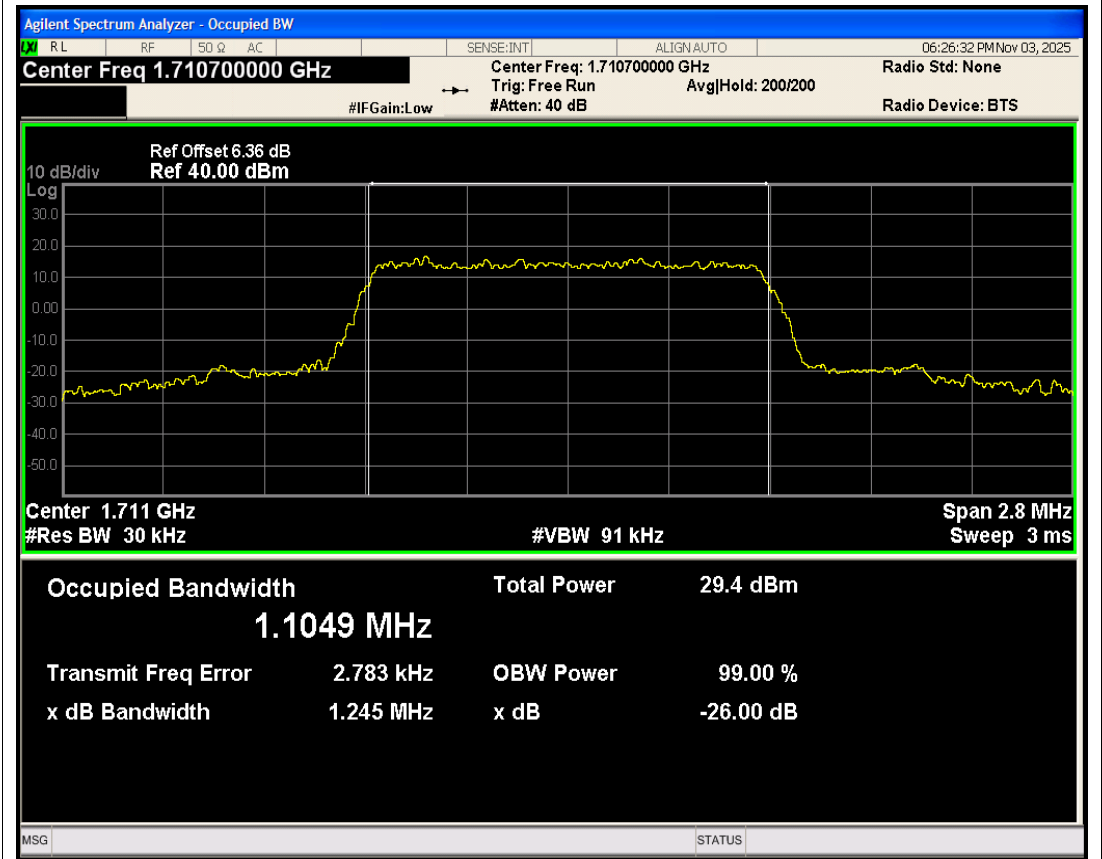
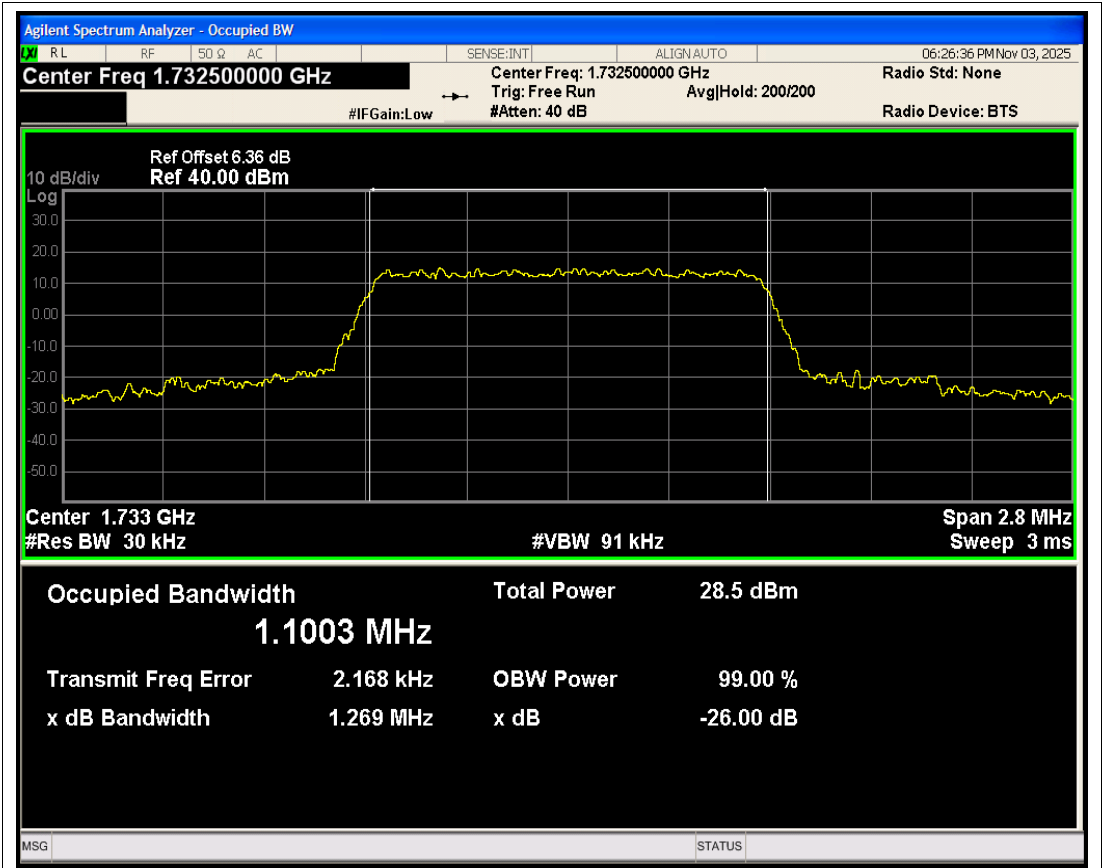




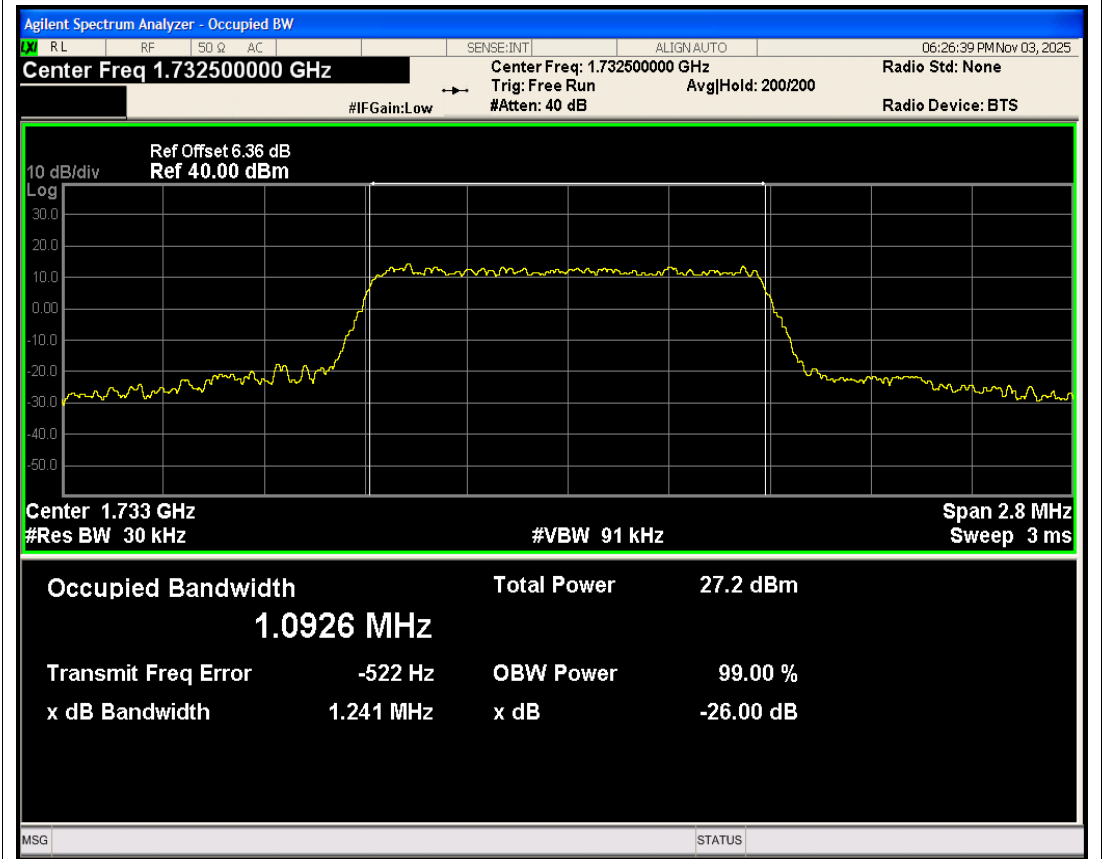
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



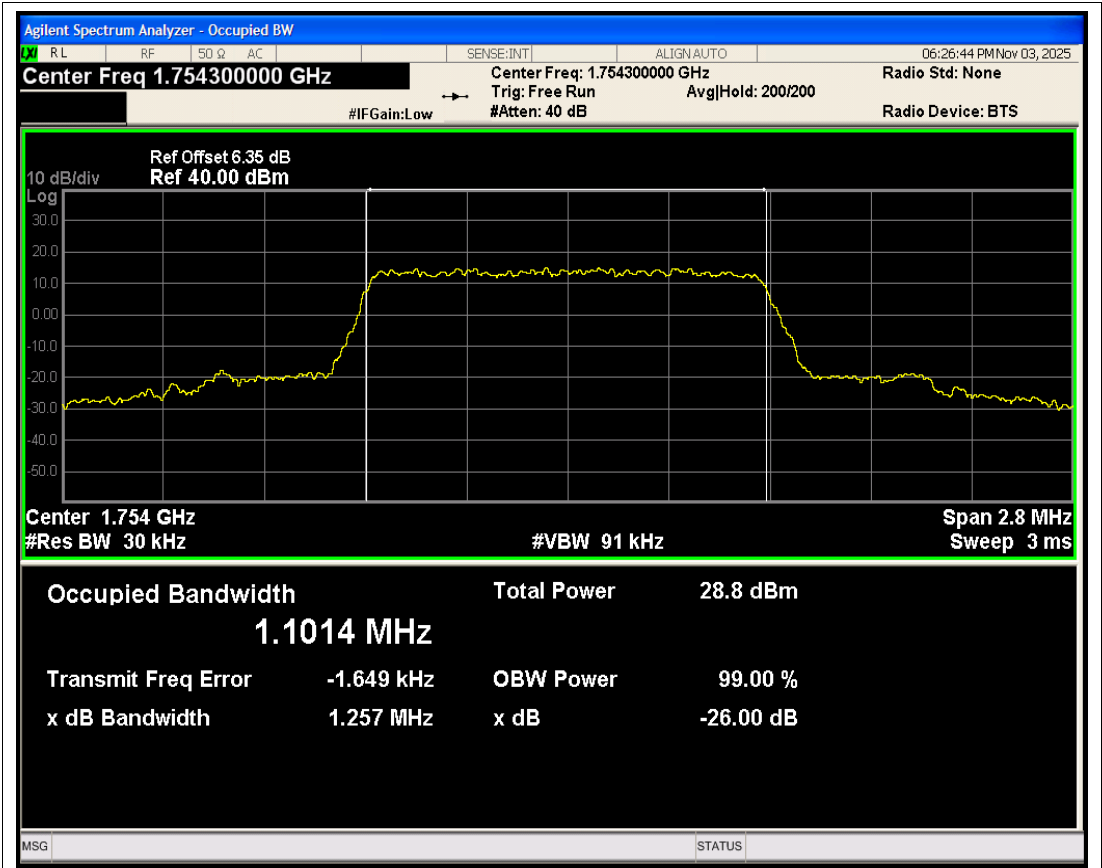
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



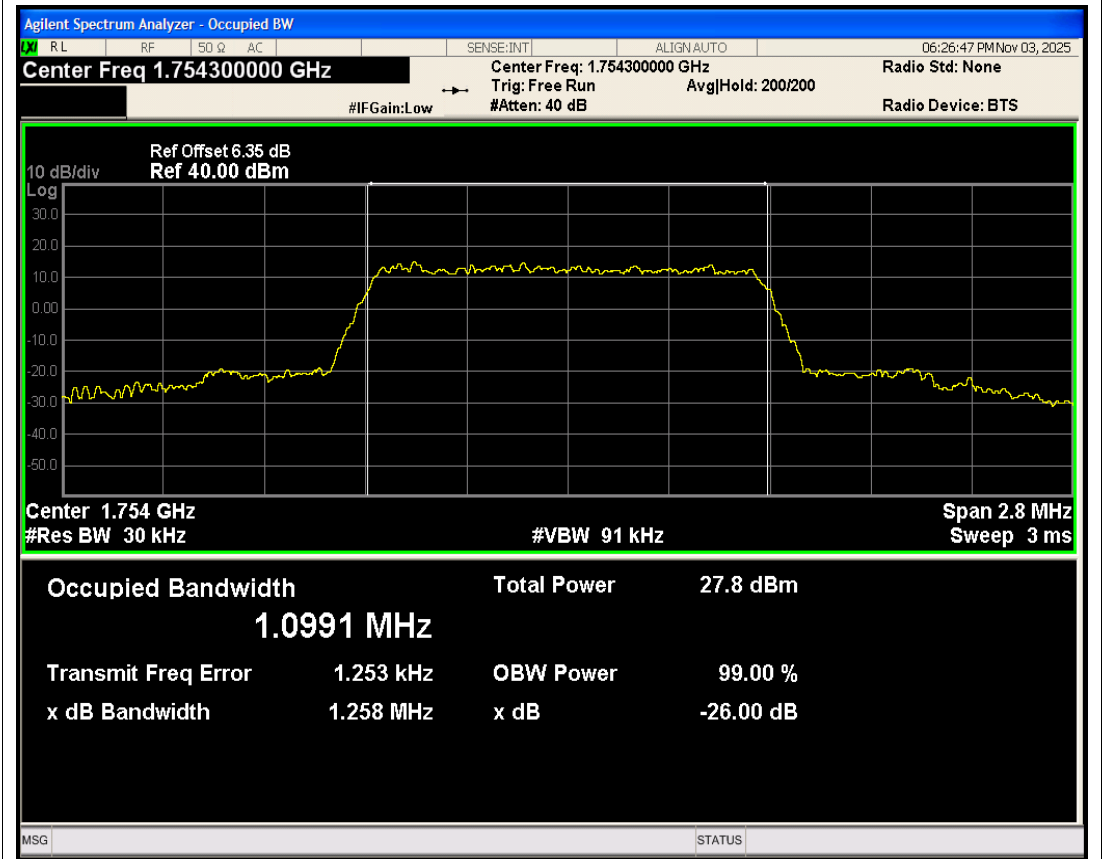
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



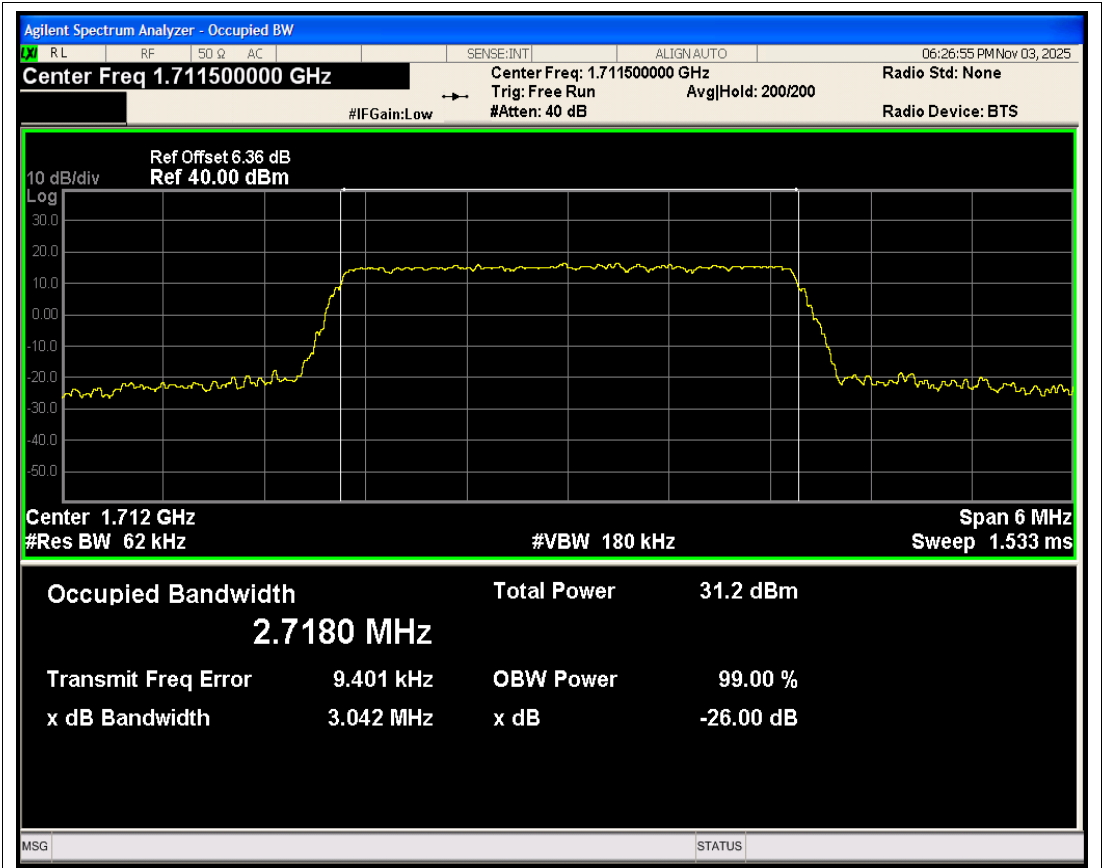
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



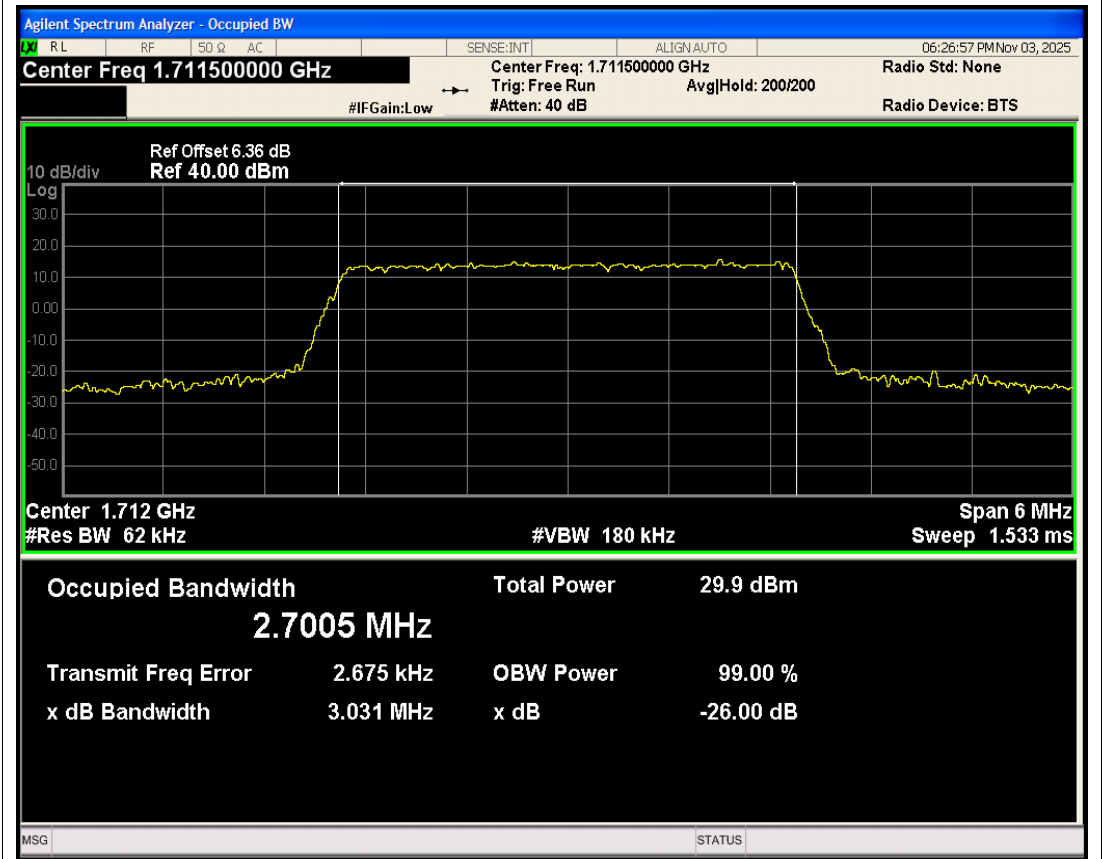
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



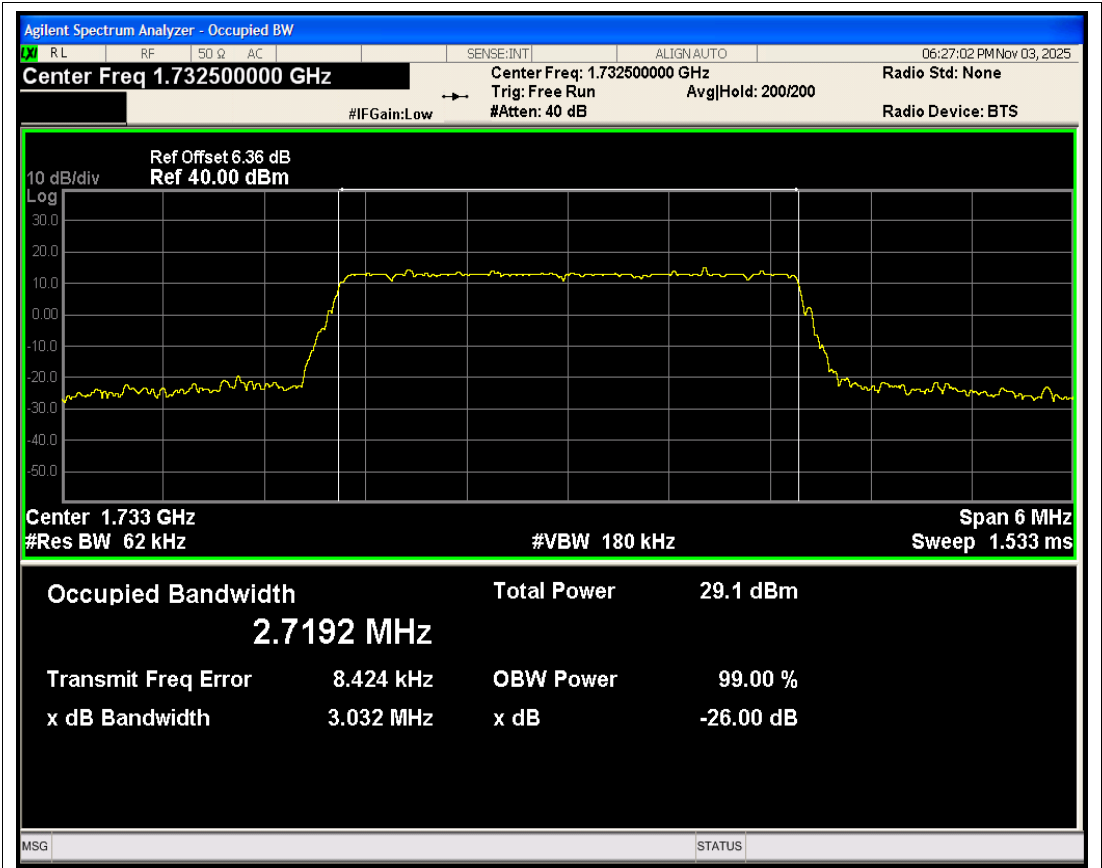
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



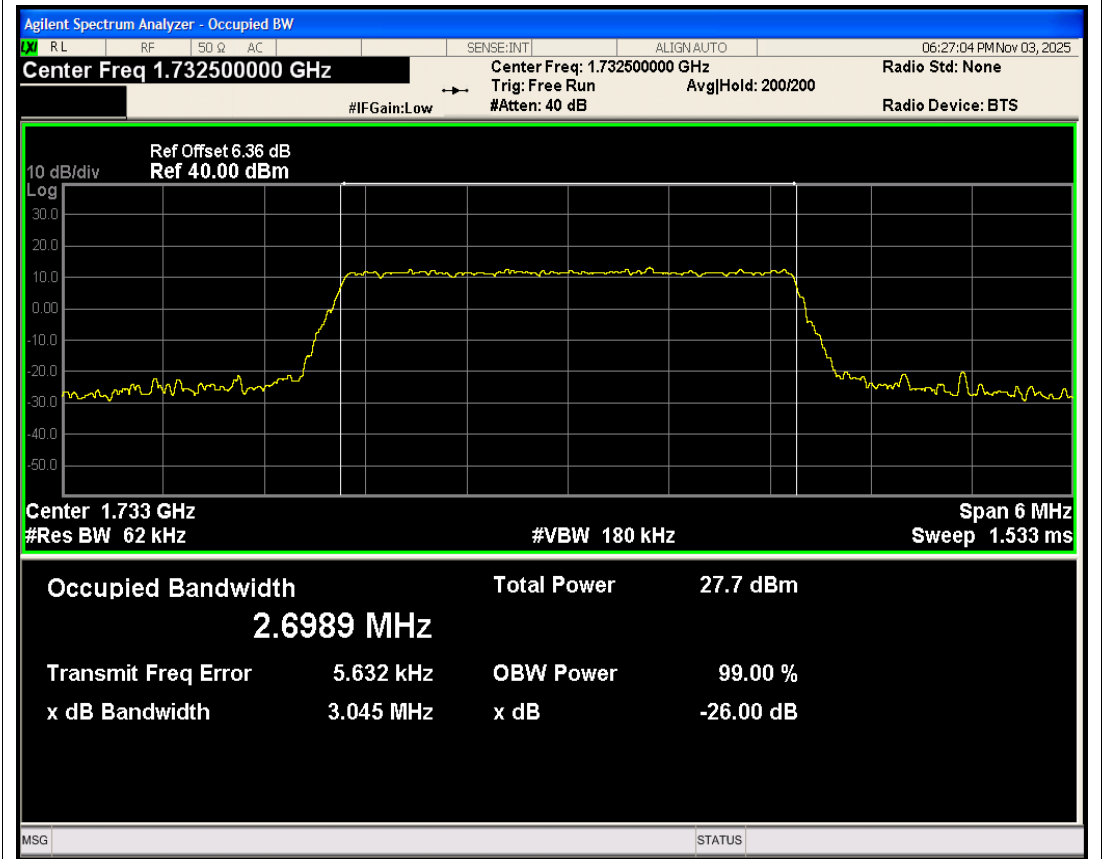
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



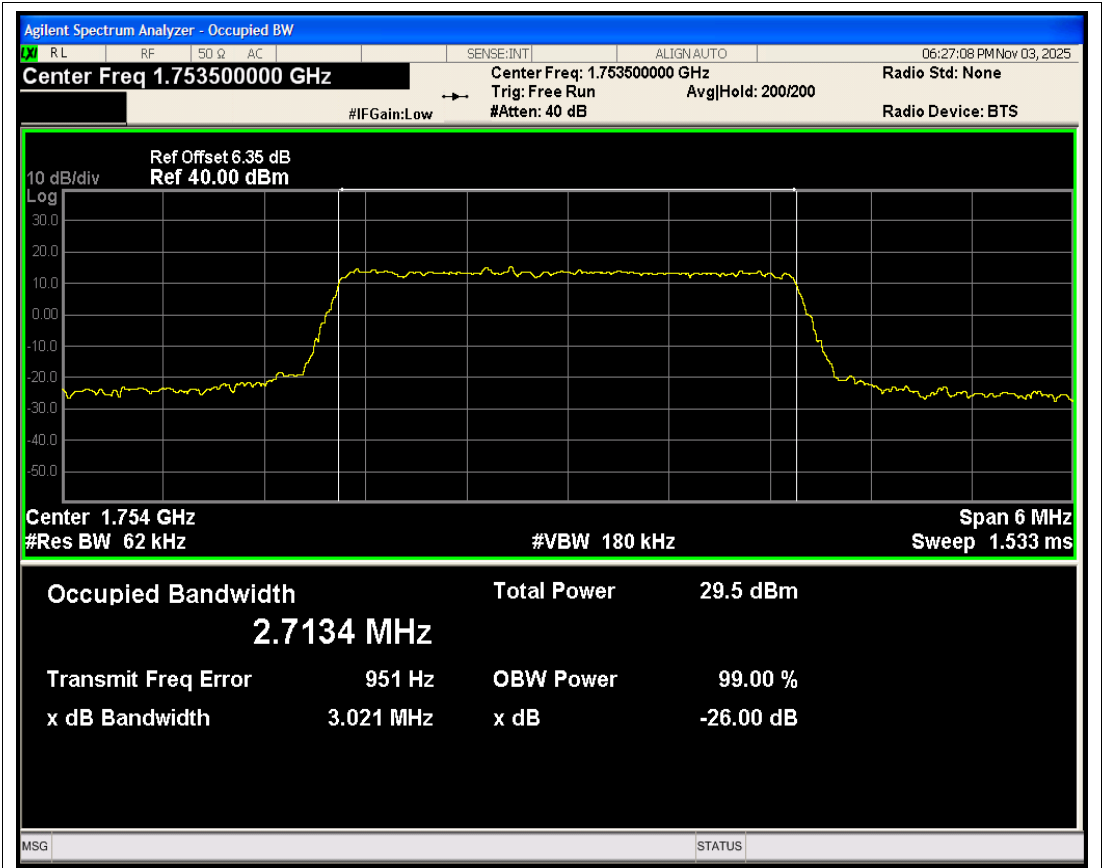
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



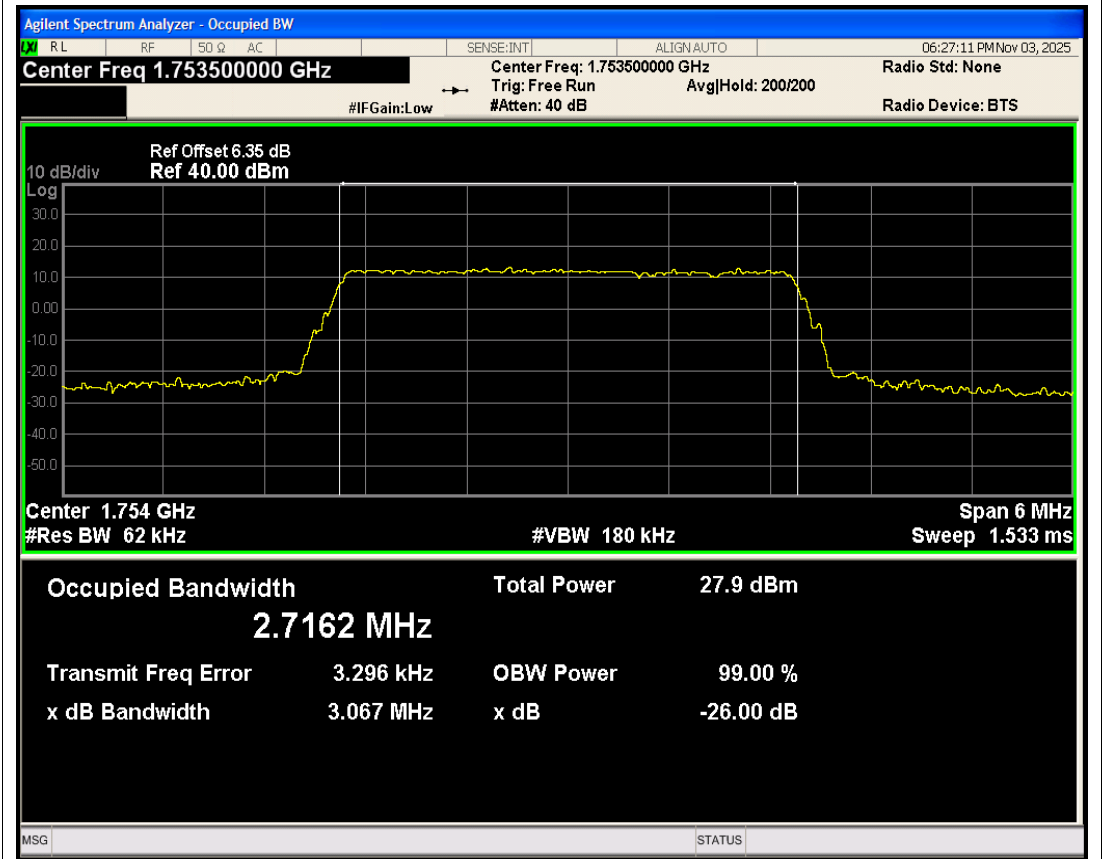
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



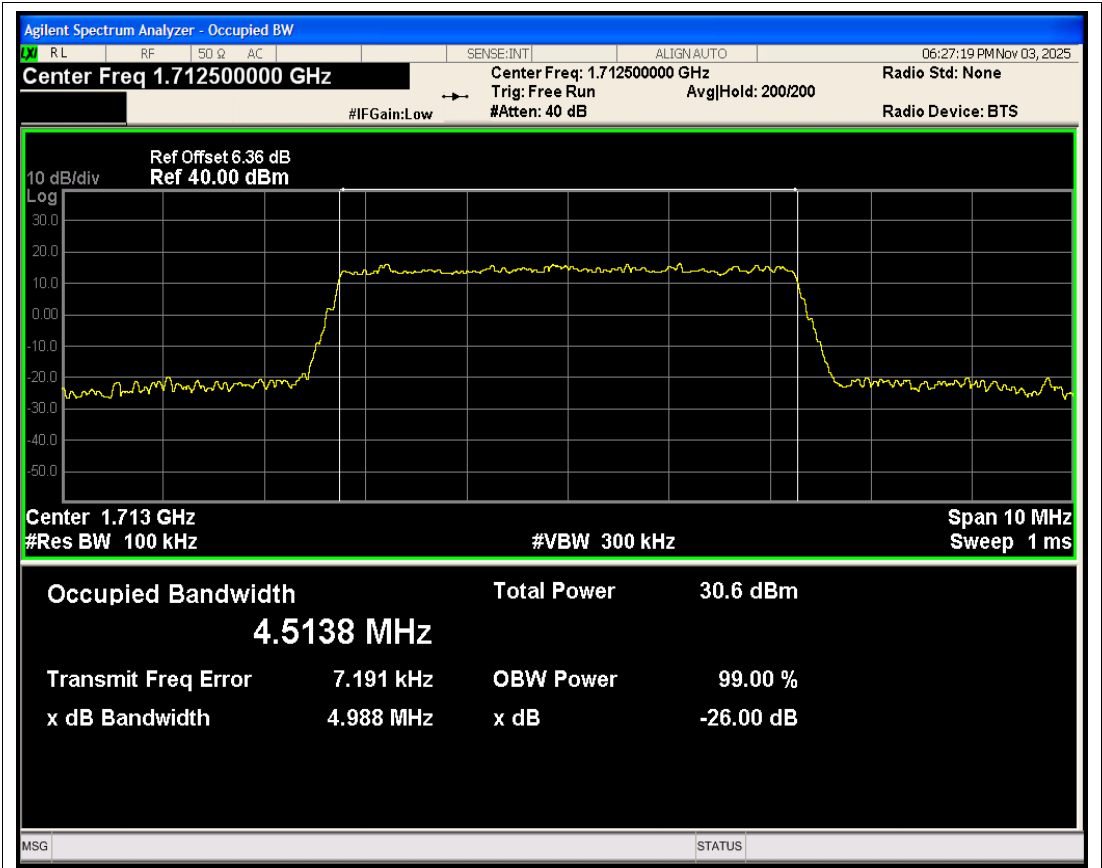
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



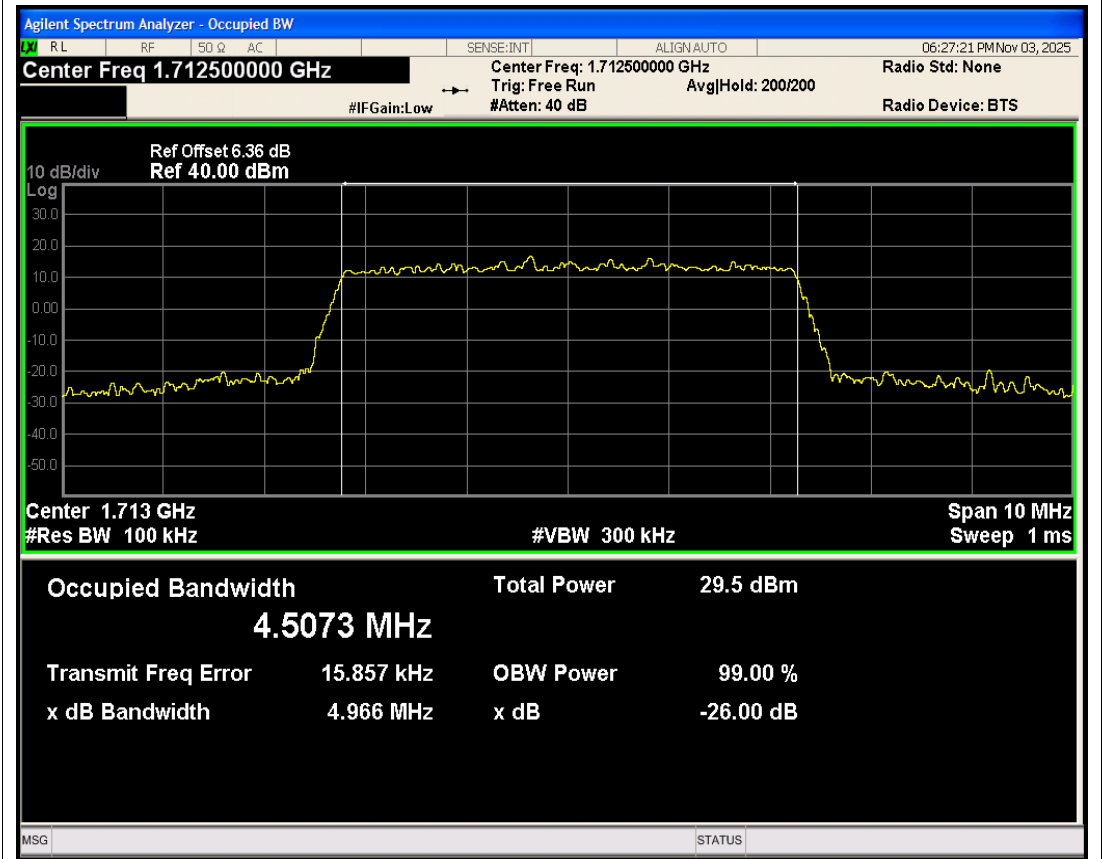
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



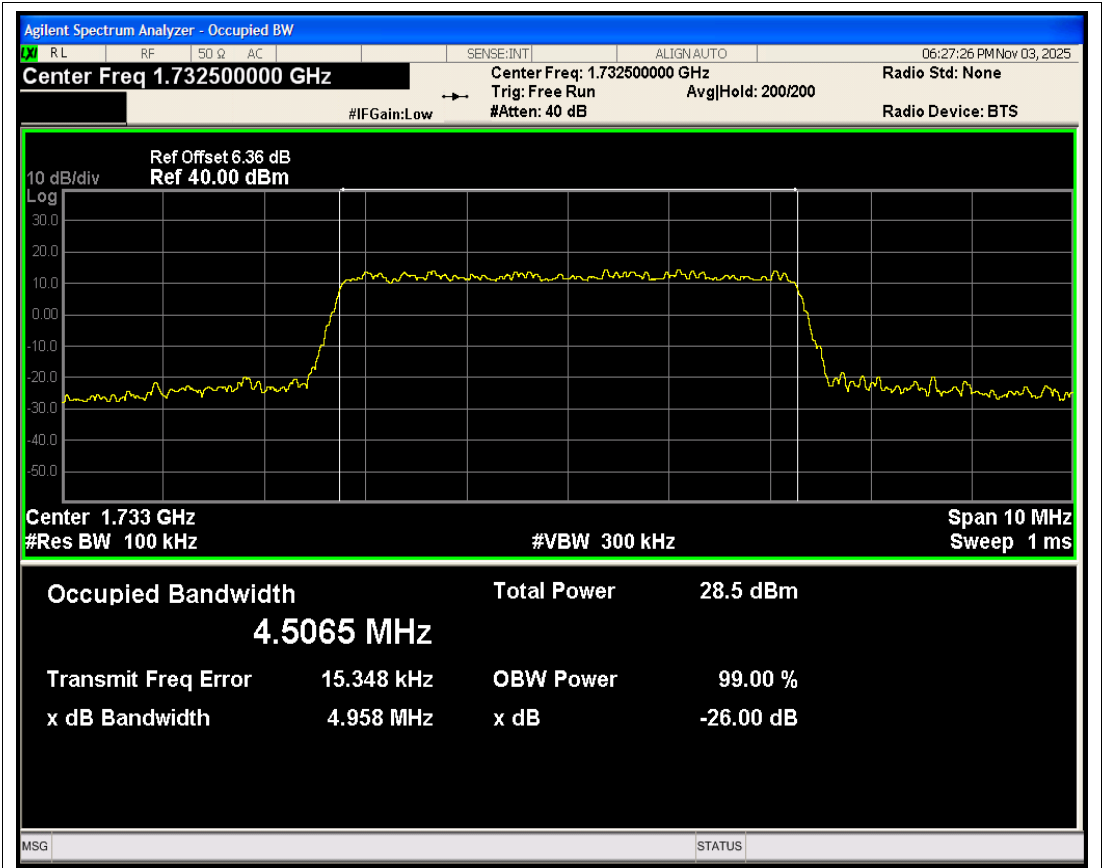
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



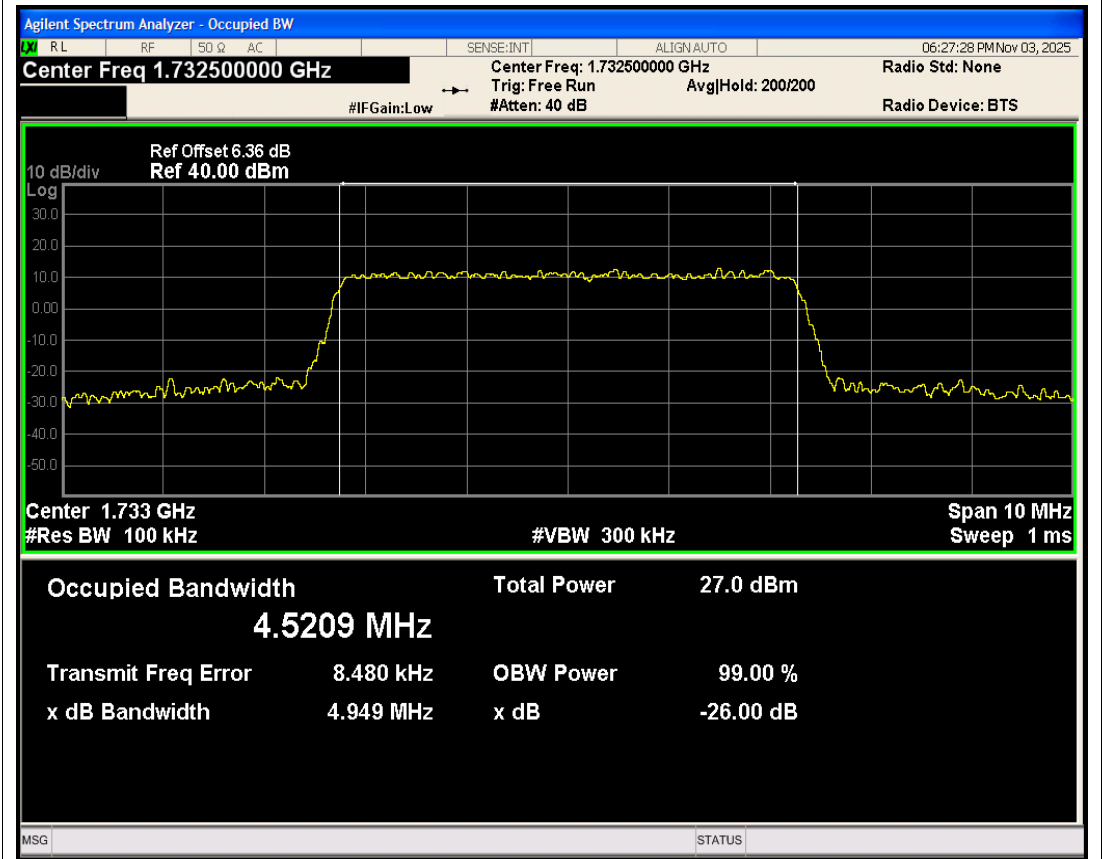
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



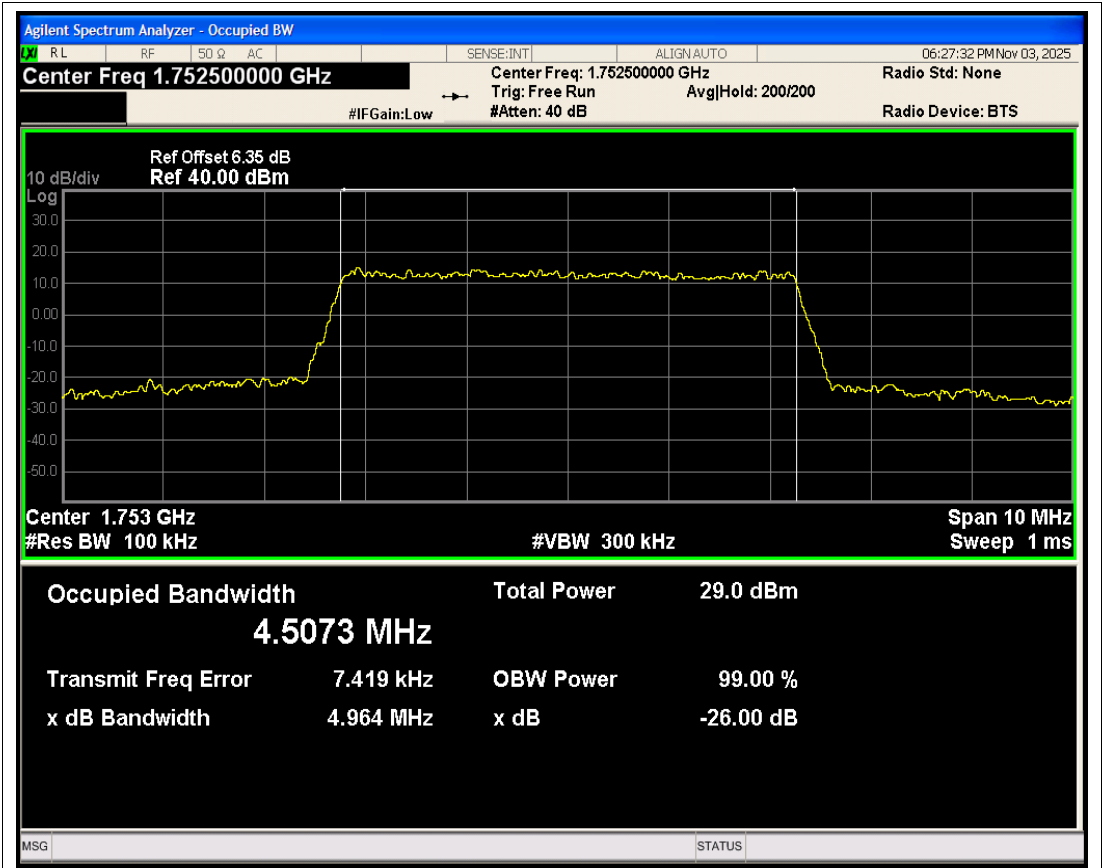
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



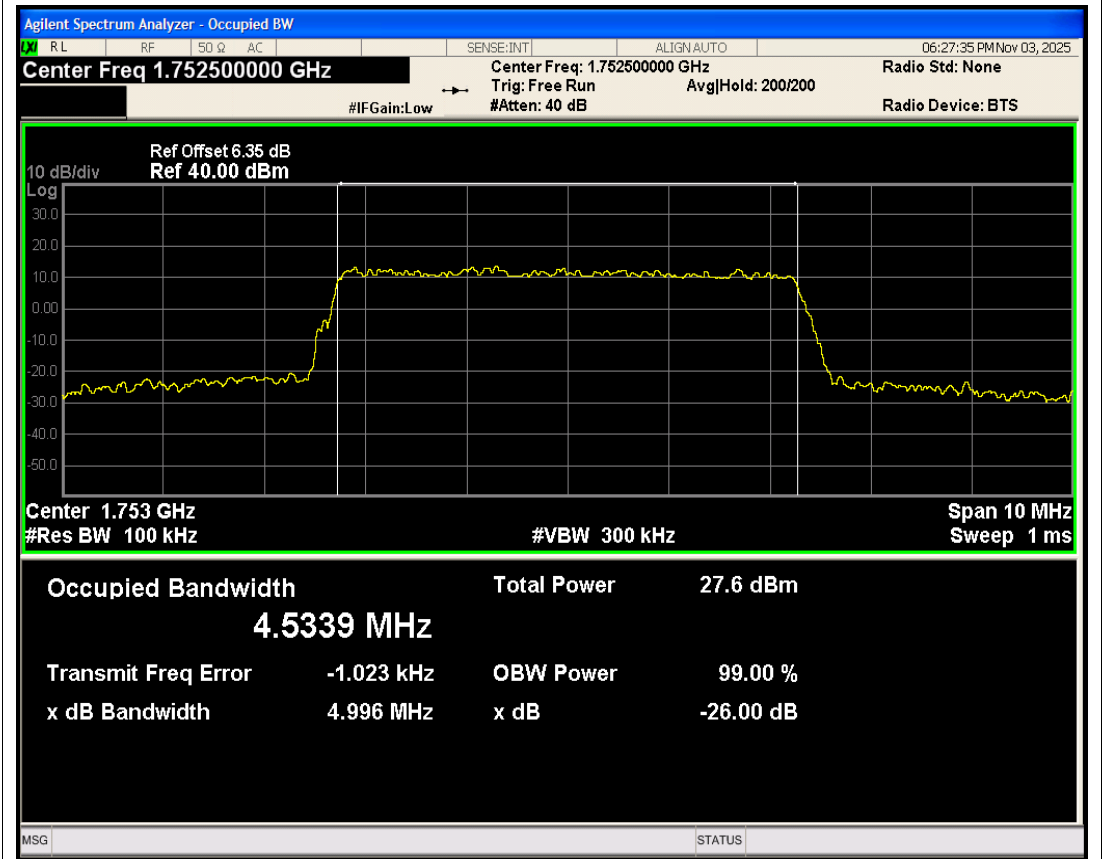
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



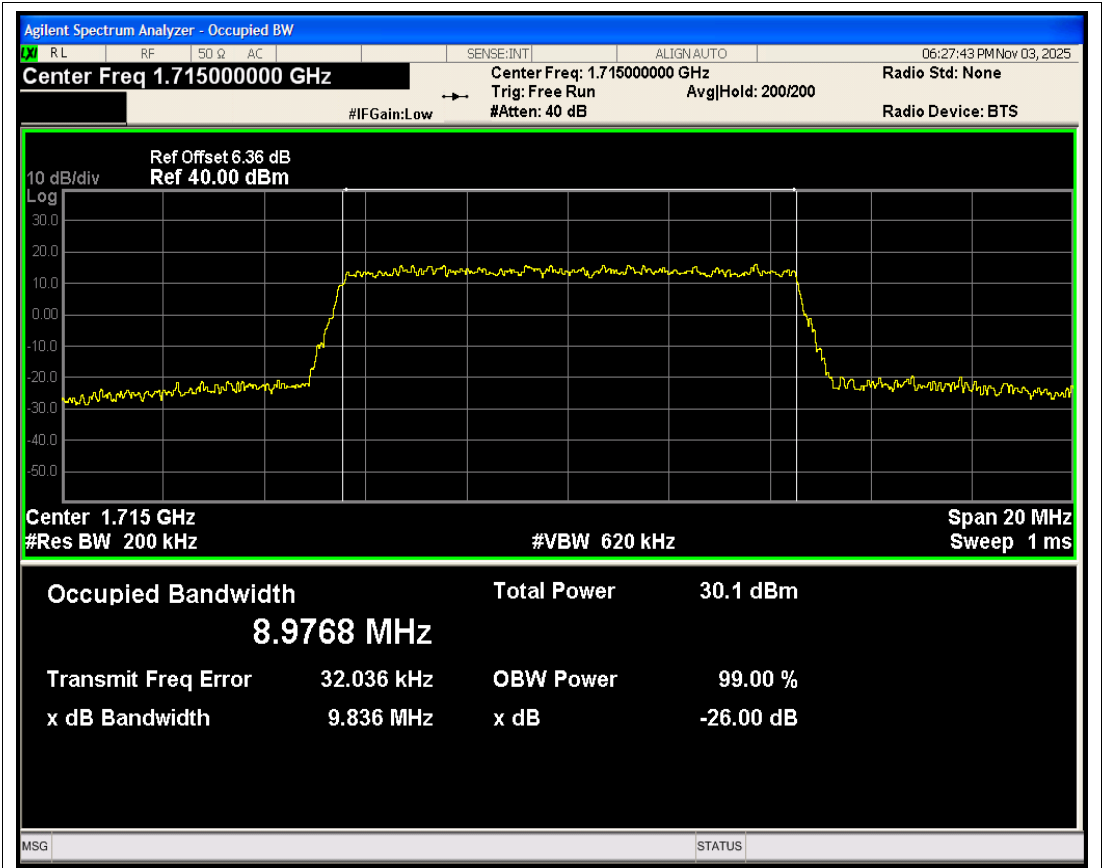
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



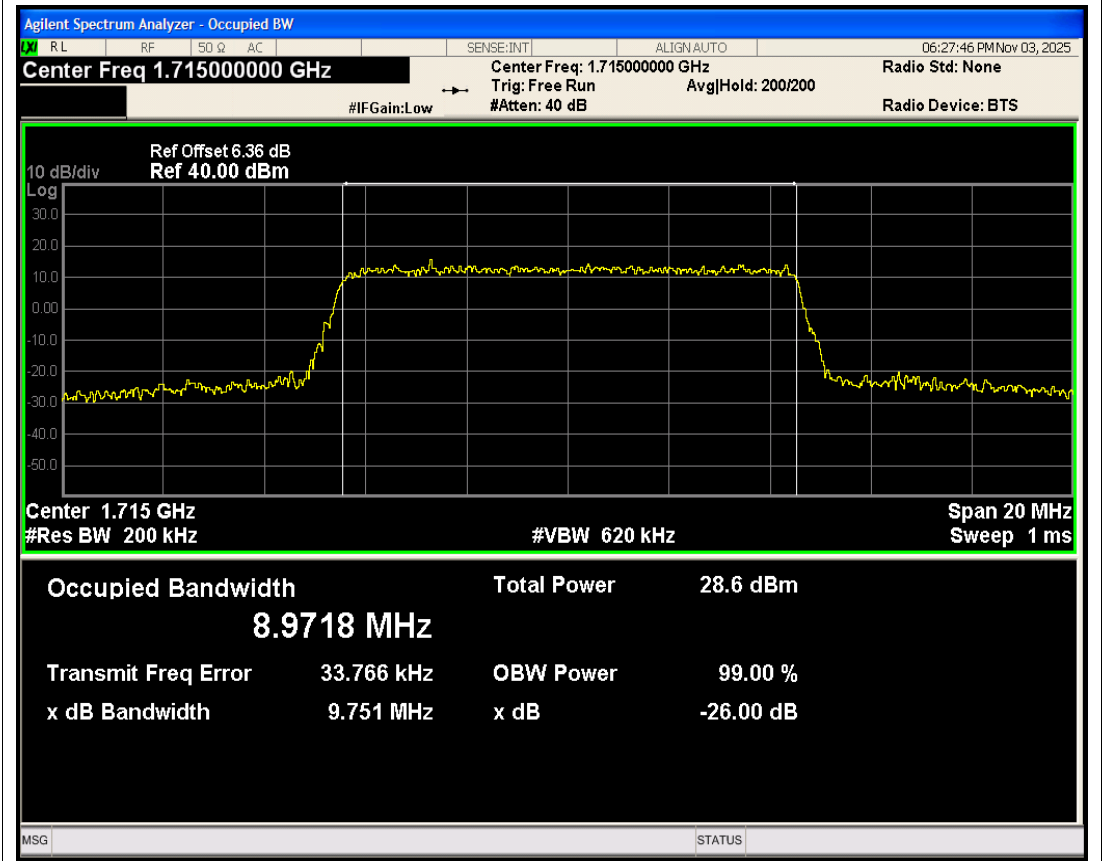
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



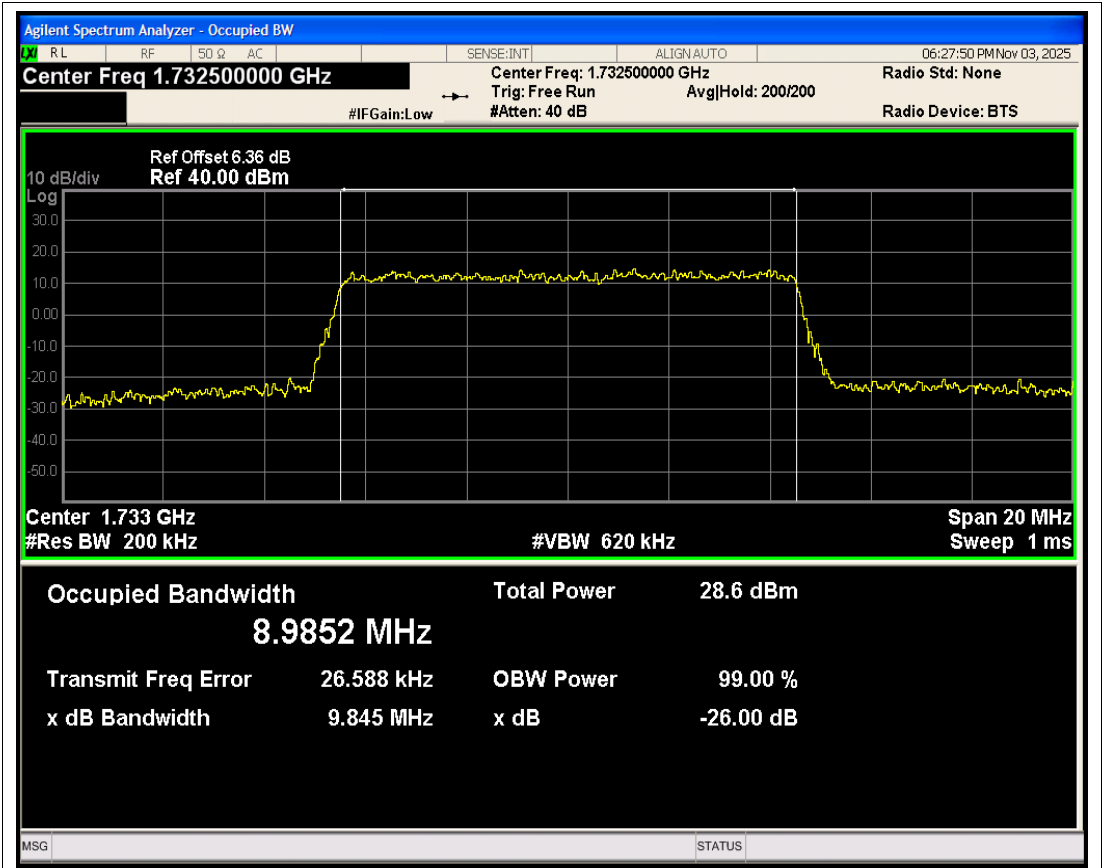
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



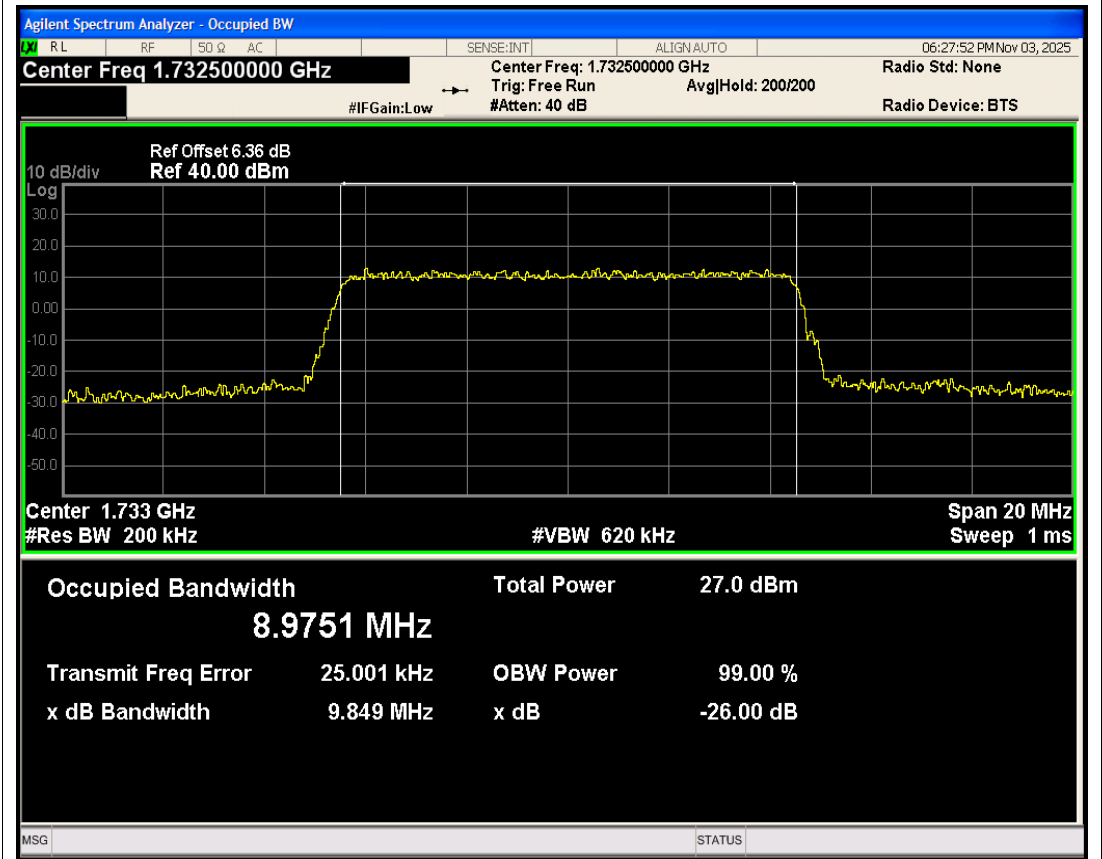
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



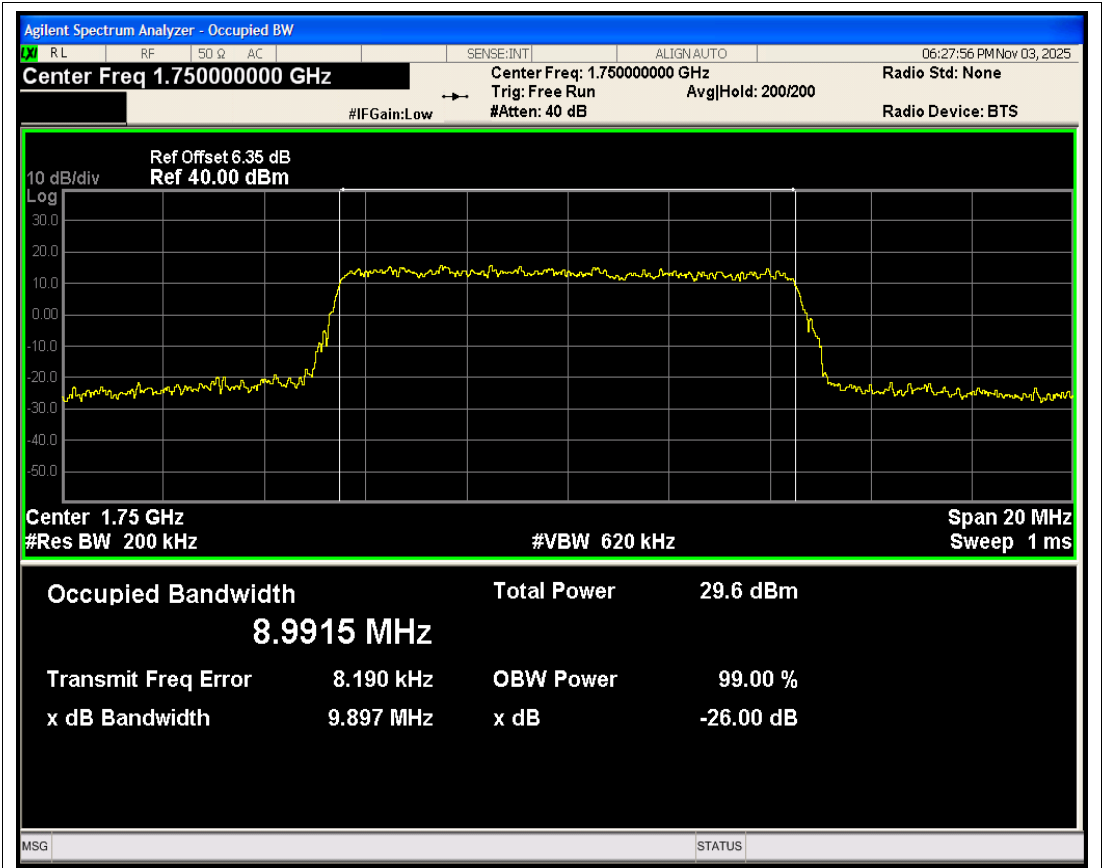
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



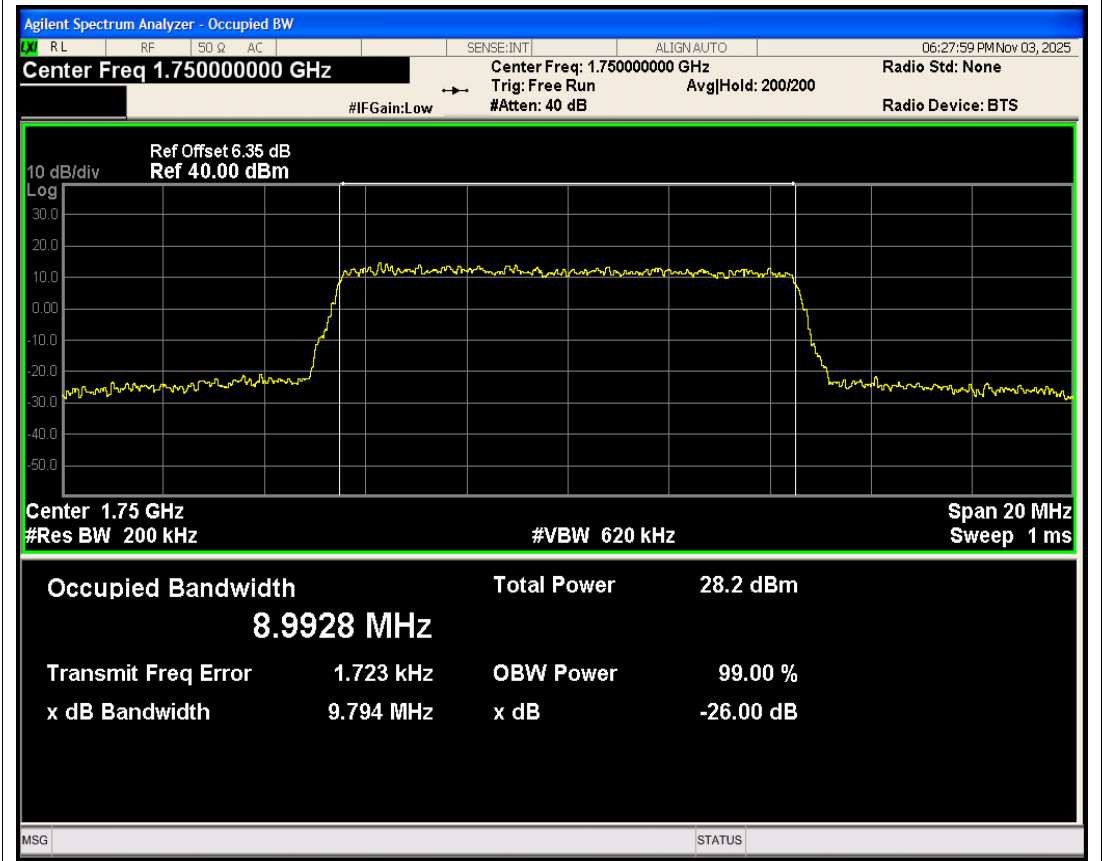
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



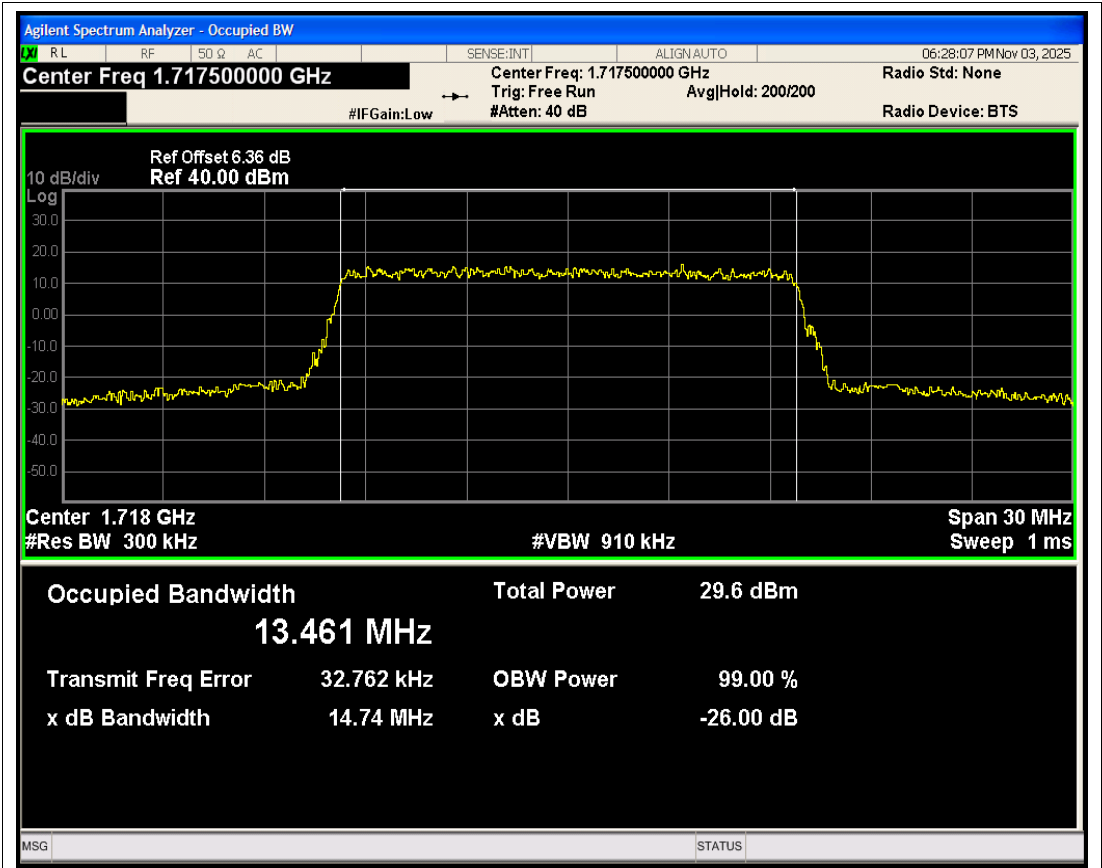
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



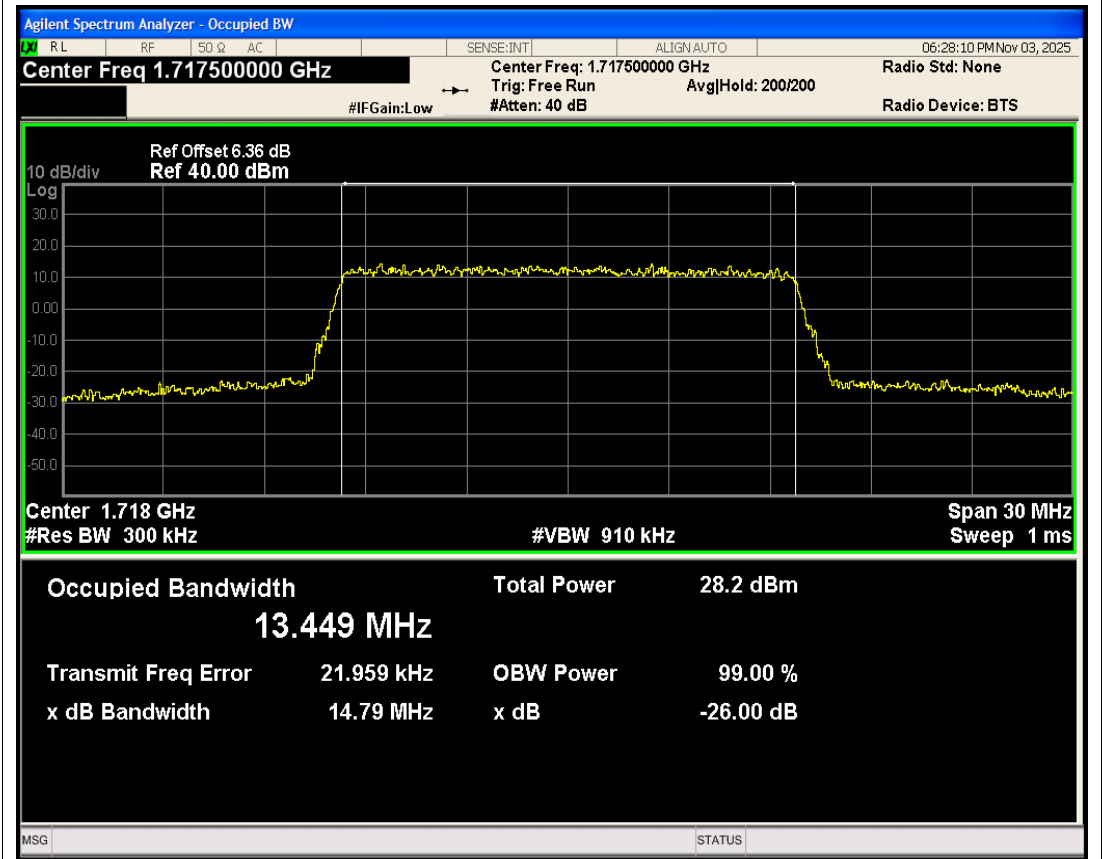
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



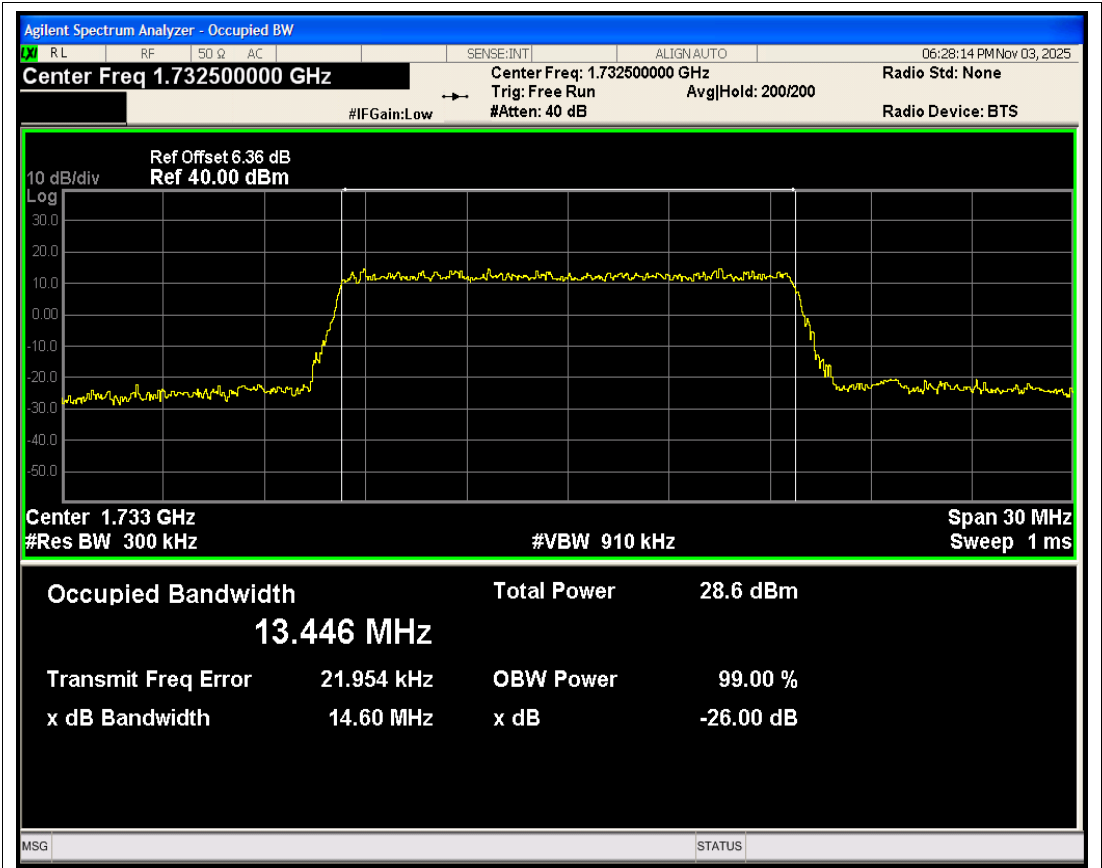
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



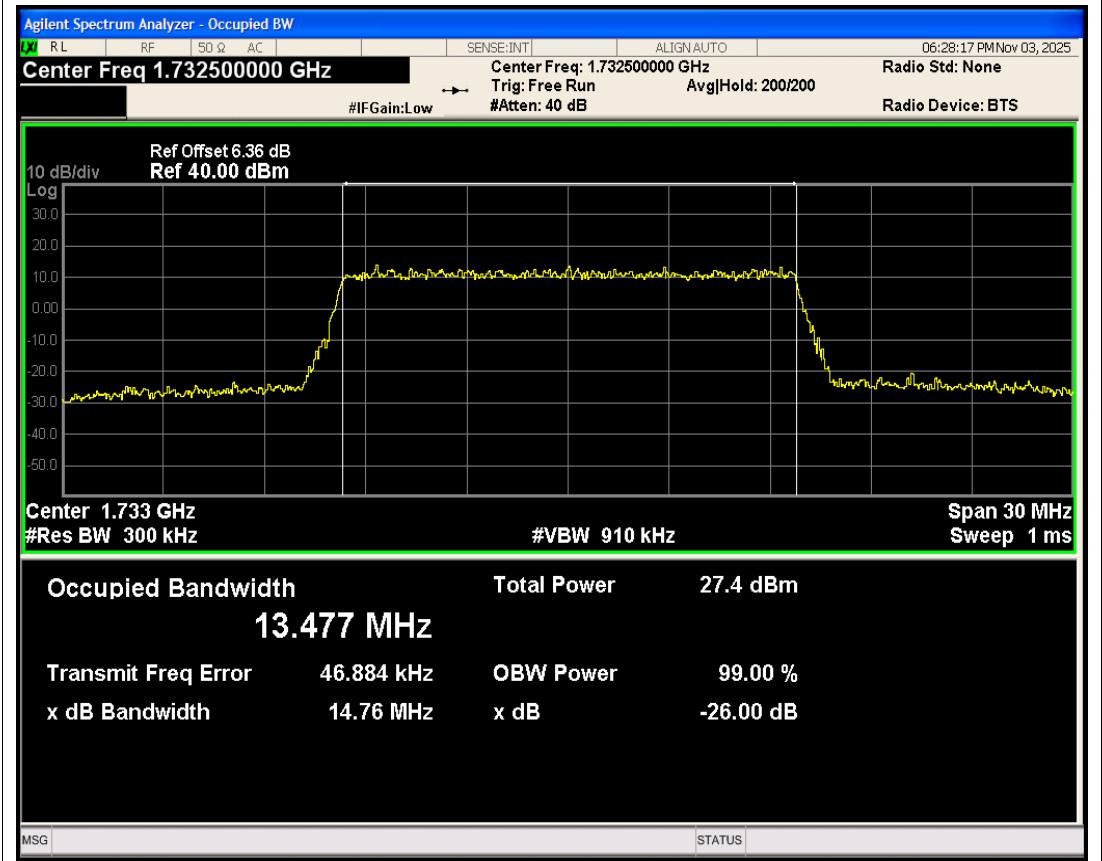
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



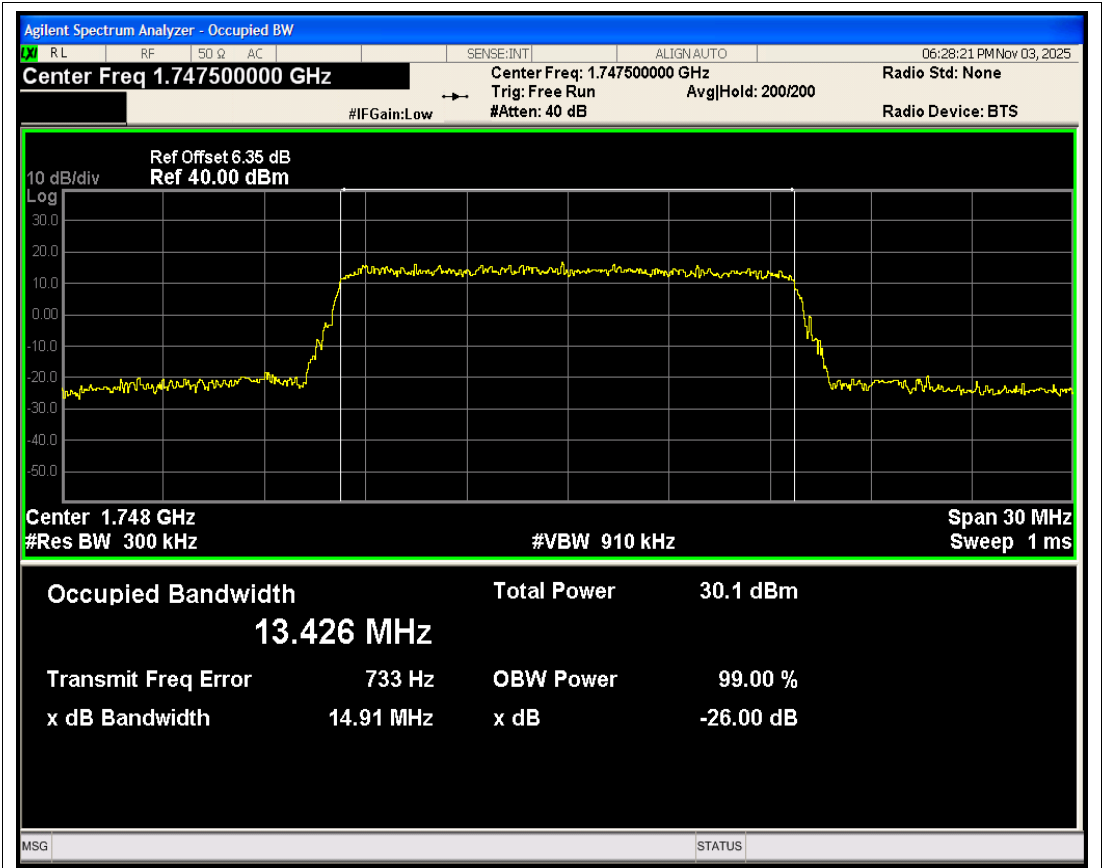
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



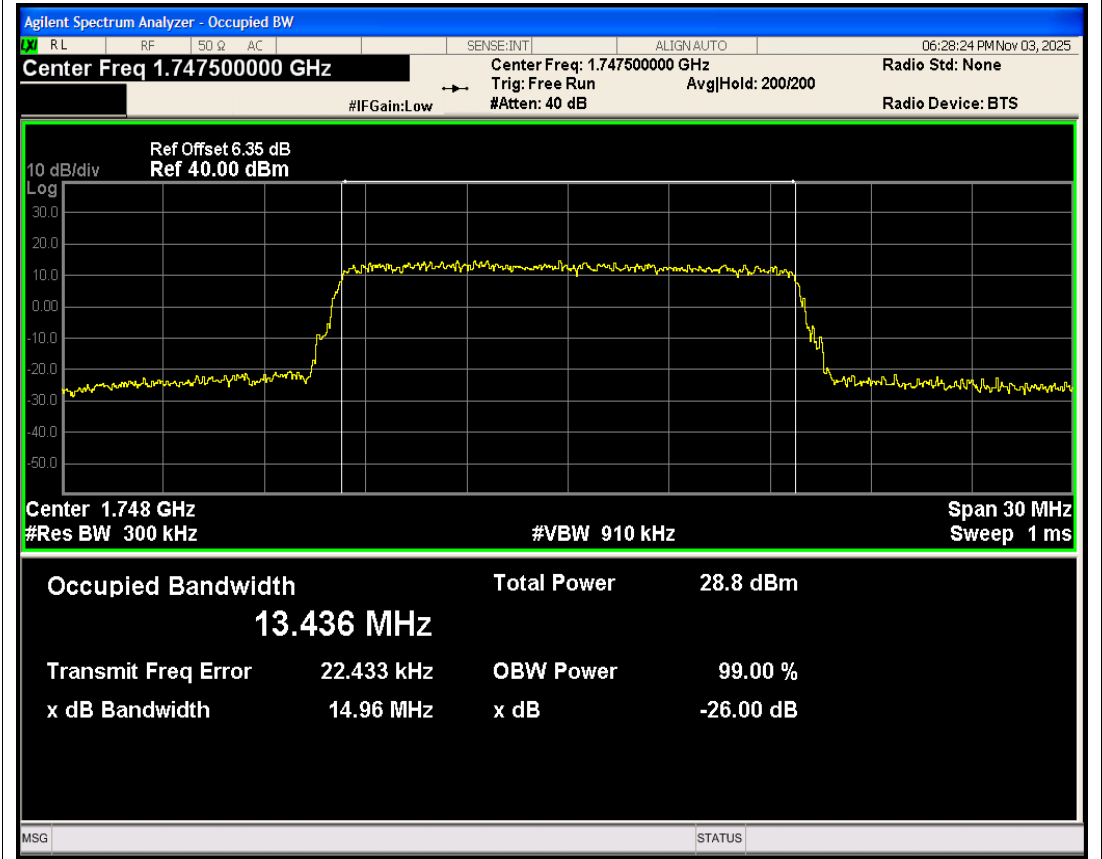
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



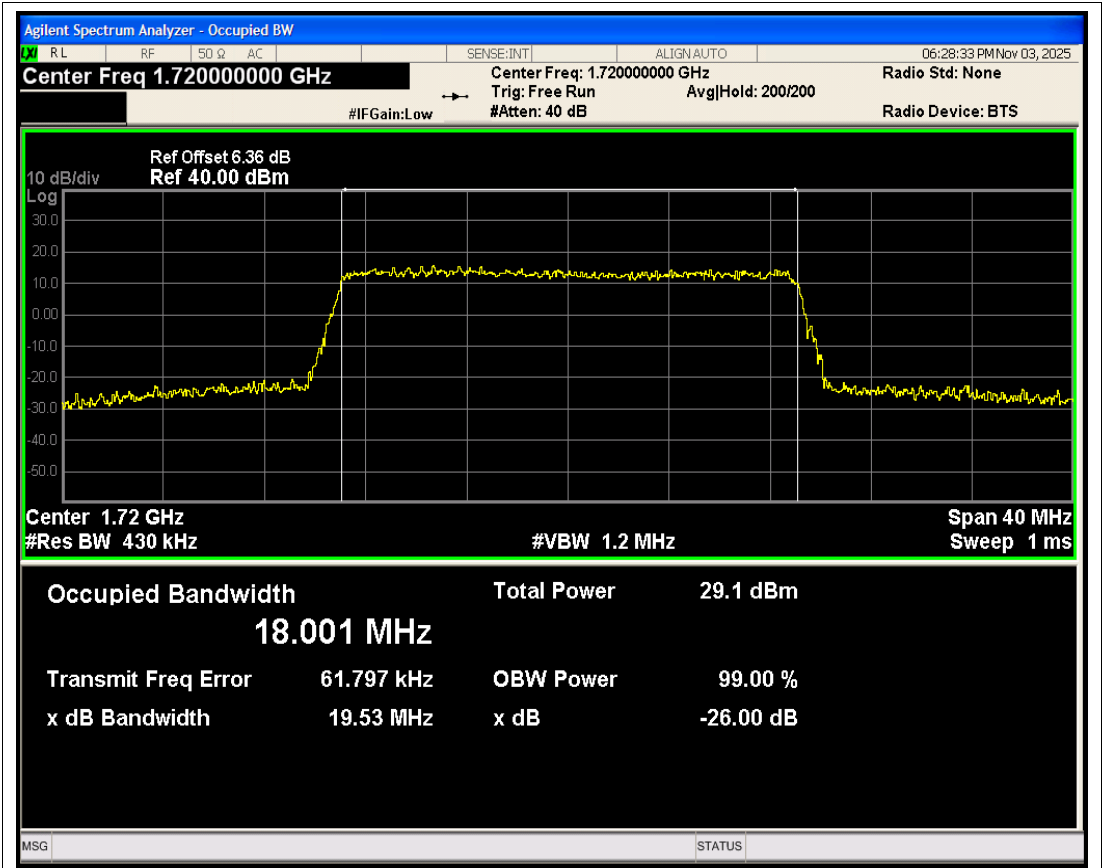
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



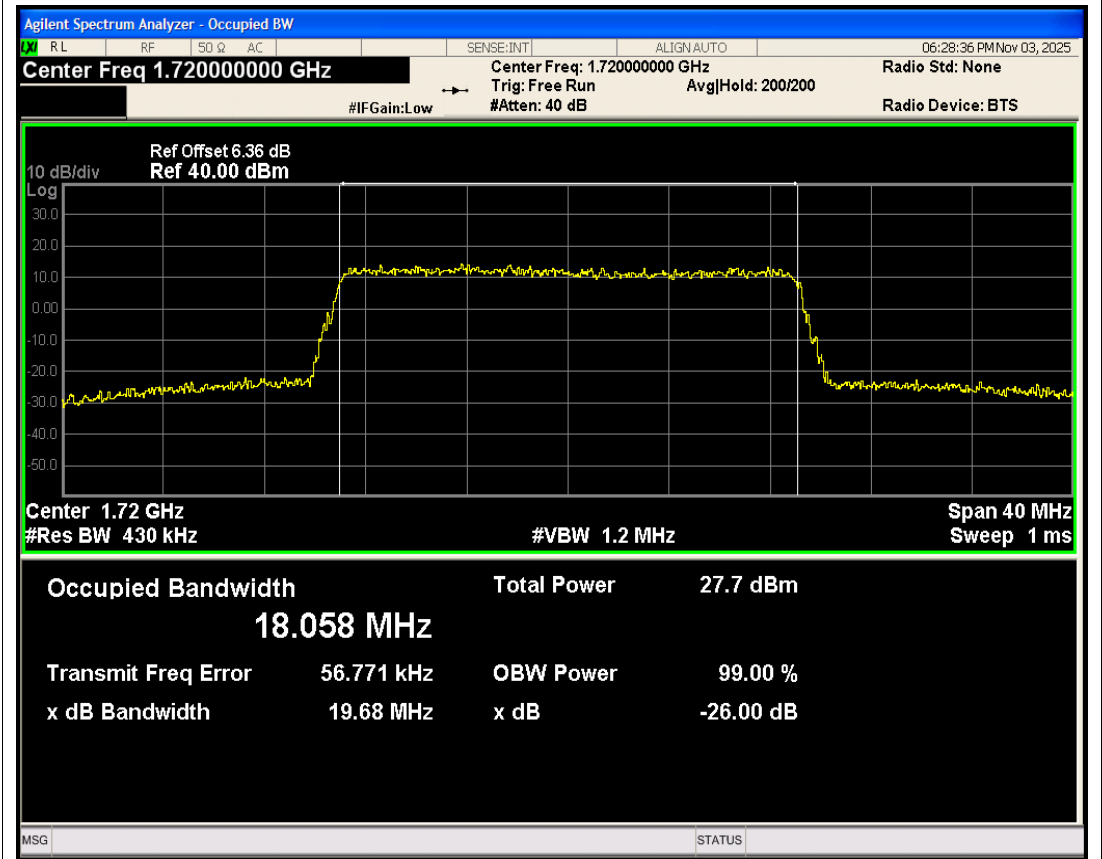
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



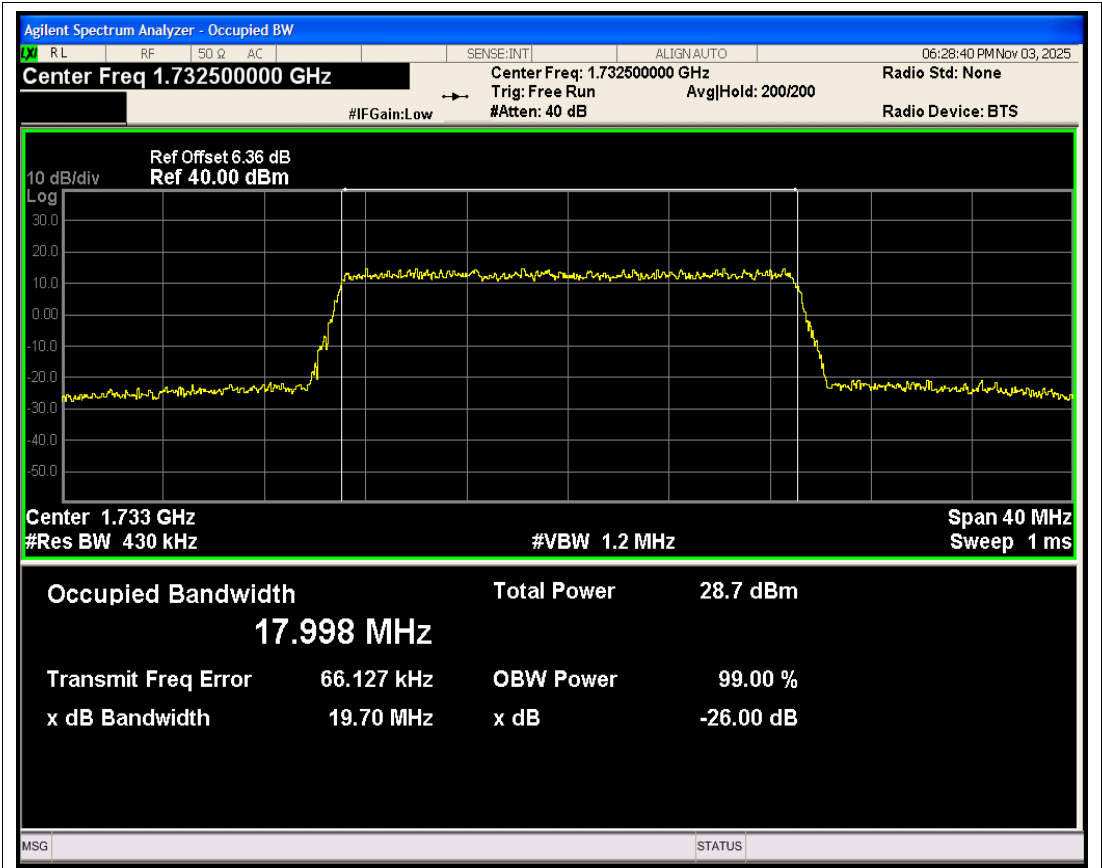
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



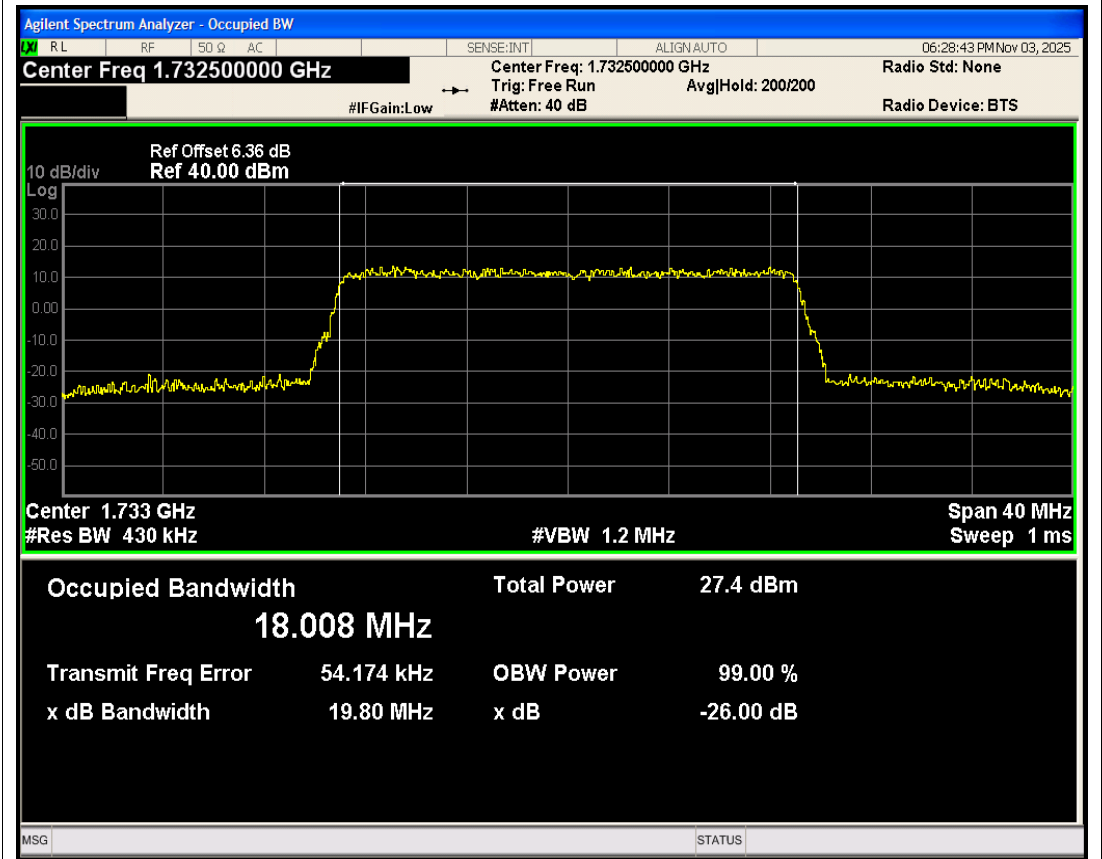
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



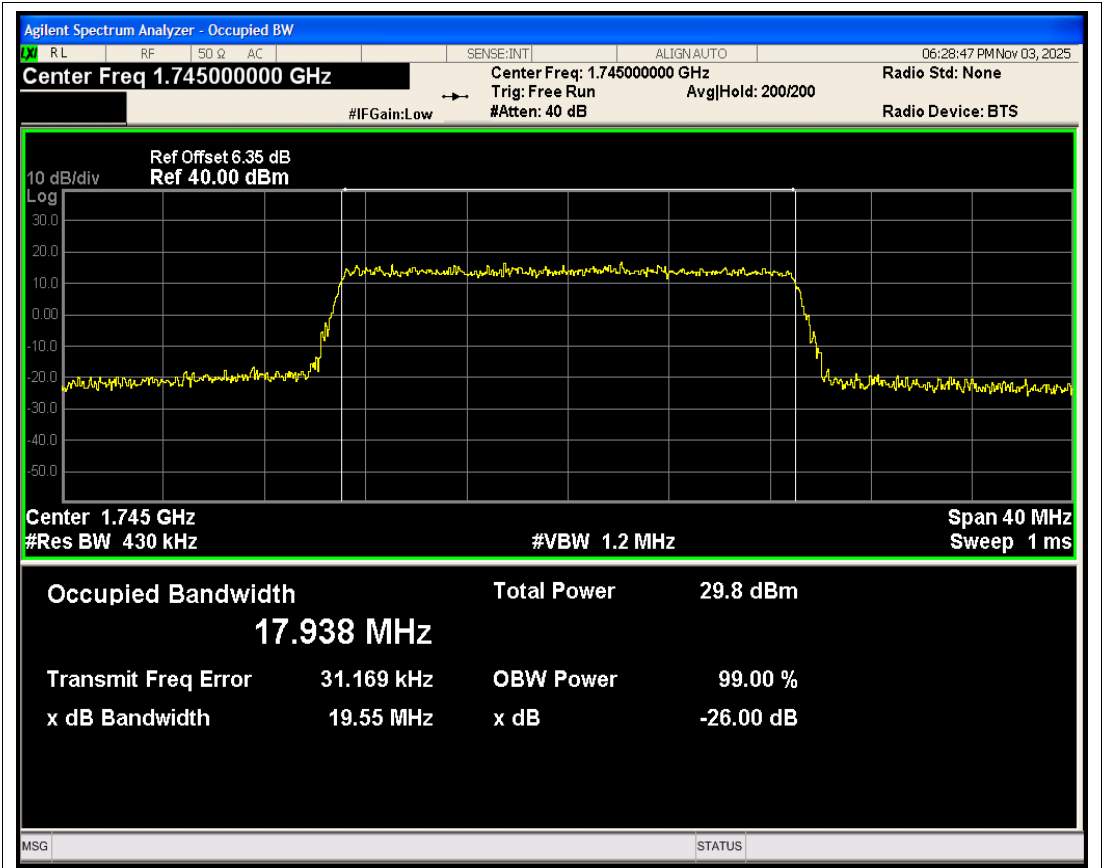
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



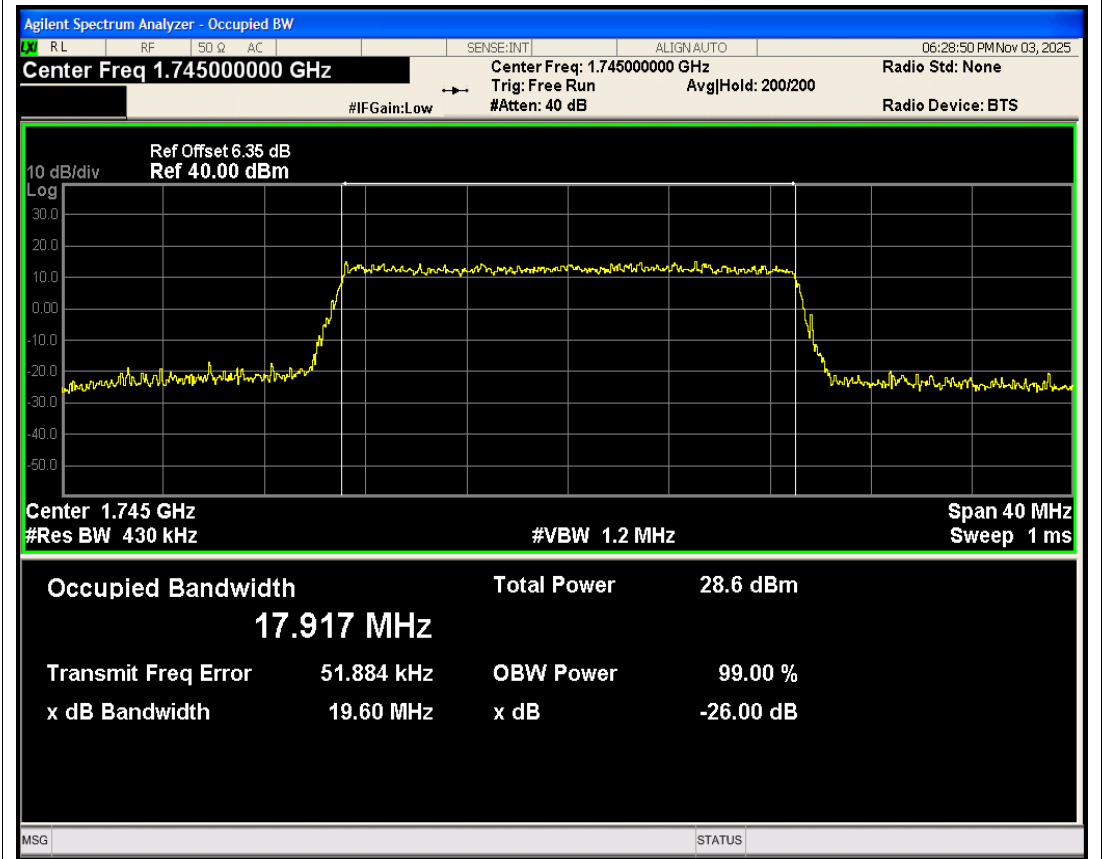
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



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

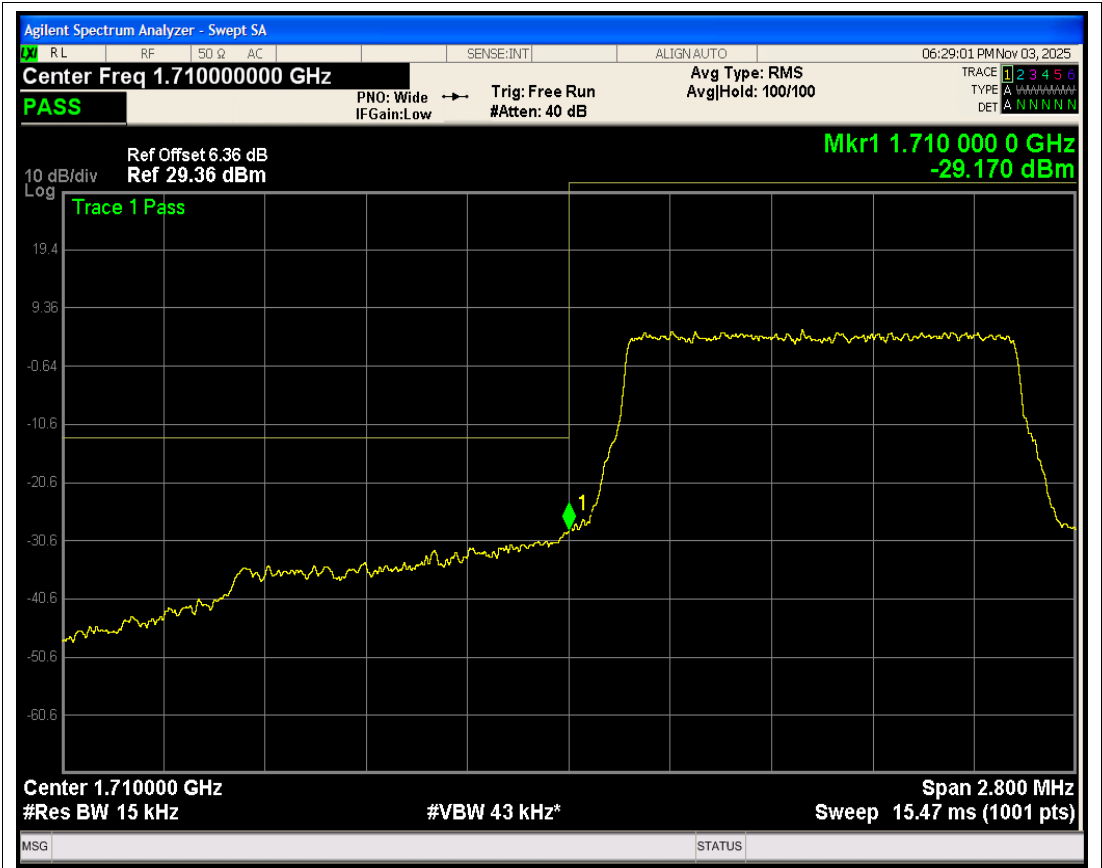


Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0

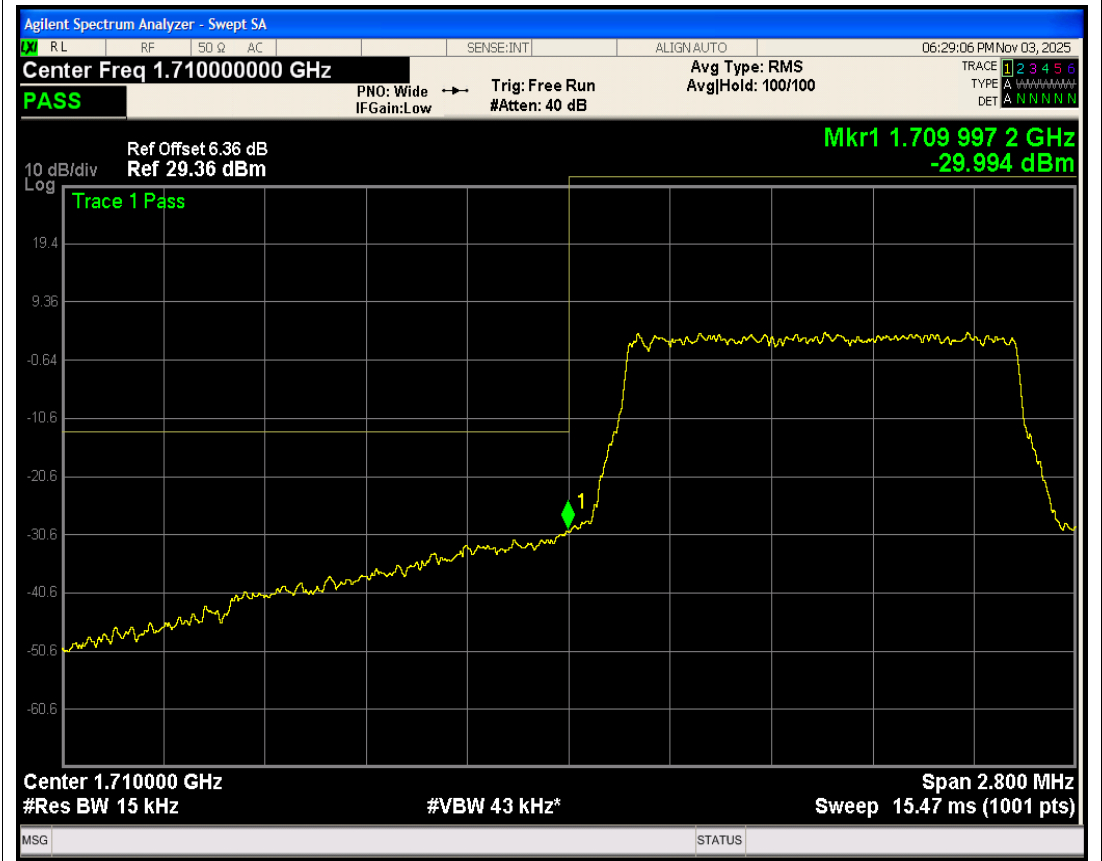


**Appendix 5.Band edge**

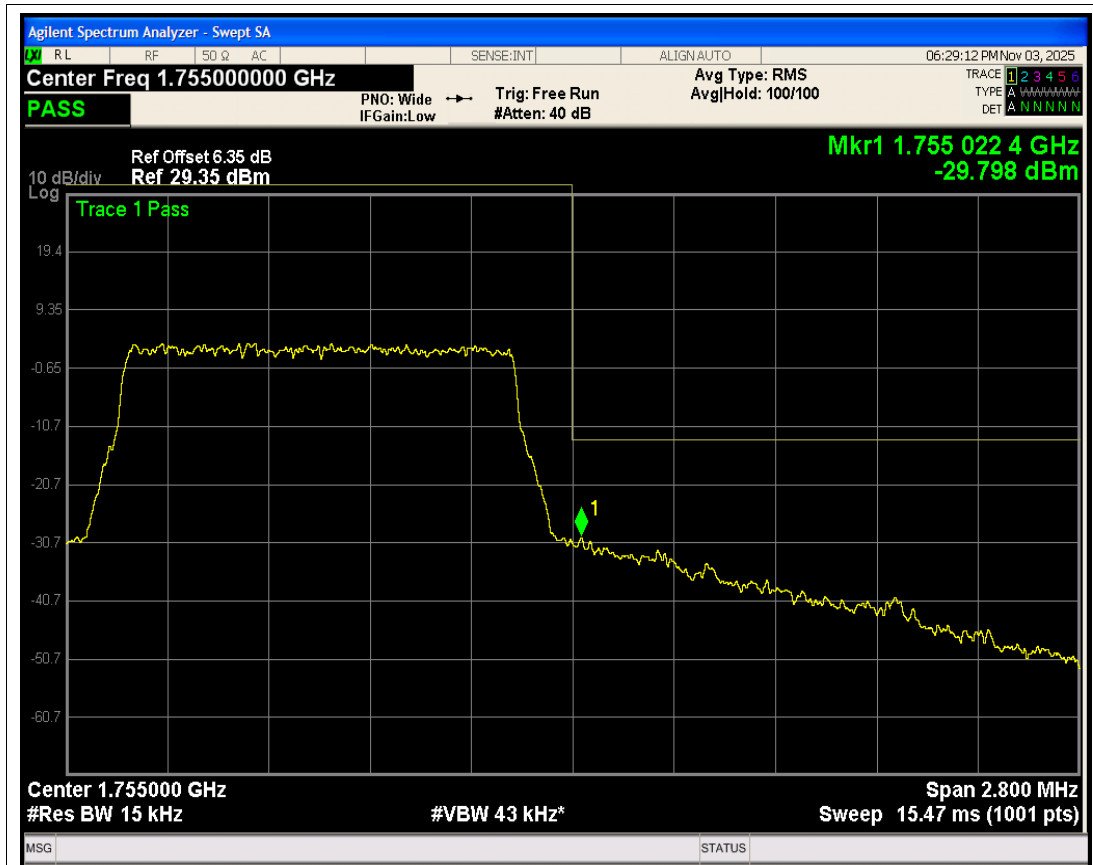
| <b>Band</b> | <b>Bandwidth<br/>(MHz)</b> | <b>UL<br/>Channel</b> | <b>RB<br/>Size</b> | <b>RB<br/>Position</b> | <b>Modulation</b> | <b>Spur Freq<br/>(MHz)</b> | <b>Spur Level<br/>(dBm)</b> | <b>Limit<br/>(dBm)</b> | <b>Verdict</b> |
|-------------|----------------------------|-----------------------|--------------------|------------------------|-------------------|----------------------------|-----------------------------|------------------------|----------------|
| Band4       | 1.4                        | 19957                 | 6                  | #0                     | QPSK              | 1710.00                    | -29.17                      | -13                    | PASS           |
| Band4       | 1.4                        | 19957                 | 6                  | #0                     | 16QAM             | 1710.00                    | -29.99                      | -13                    | PASS           |
| Band4       | 1.4                        | 20393                 | 6                  | #0                     | QPSK              | 1755.02                    | -29.79                      | -13                    | PASS           |
| Band4       | 1.4                        | 20393                 | 6                  | #0                     | 16QAM             | 1755.04                    | -31.53                      | -13                    | PASS           |
| Band4       | 3                          | 19965                 | 15                 | #0                     | QPSK              | 1710.00                    | -23.40                      | -13                    | PASS           |
| Band4       | 3                          | 19965                 | 15                 | #0                     | 16QAM             | 1710.00                    | -26.24                      | -13                    | PASS           |
| Band4       | 3                          | 20385                 | 15                 | #0                     | QPSK              | 1755.00                    | -26.69                      | -13                    | PASS           |
| Band4       | 3                          | 20385                 | 15                 | #0                     | 16QAM             | 1755.00                    | -26.78                      | -13                    | PASS           |
| Band4       | 5                          | 19975                 | 25                 | #0                     | QPSK              | 1710.00                    | -29.48                      | -13                    | PASS           |
| Band4       | 5                          | 19975                 | 25                 | #0                     | 16QAM             | 1709.99                    | -30.30                      | -13                    | PASS           |
| Band4       | 5                          | 20375                 | 25                 | #0                     | QPSK              | 1755.00                    | -30.75                      | -13                    | PASS           |
| Band4       | 5                          | 20375                 | 25                 | #0                     | 16QAM             | 1755.01                    | -31.32                      | -13                    | PASS           |
| Band4       | 10                         | 20000                 | 50                 | #0                     | QPSK              | 1710.00                    | -31.99                      | -13                    | PASS           |
| Band4       | 10                         | 20000                 | 50                 | #0                     | 16QAM             | 1710.00                    | -33.76                      | -13                    | PASS           |
| Band4       | 10                         | 20350                 | 50                 | #0                     | QPSK              | 1755.00                    | -32.18                      | -13                    | PASS           |
| Band4       | 10                         | 20350                 | 50                 | #0                     | 16QAM             | 1755.00                    | -31.96                      | -13                    | PASS           |
| Band4       | 15                         | 20025                 | 75                 | #0                     | QPSK              | 1709.88                    | -32.34                      | -13                    | PASS           |
| Band4       | 15                         | 20025                 | 75                 | #0                     | 16QAM             | 1709.97                    | -32.78                      | -13                    | PASS           |
| Band4       | 15                         | 20325                 | 75                 | #0                     | QPSK              | 1755.00                    | -30.07                      | -13                    | PASS           |
| Band4       | 15                         | 20325                 | 75                 | #0                     | 16QAM             | 1755.15                    | -32.69                      | -13                    | PASS           |
| Band4       | 20                         | 20050                 | 100                | #0                     | QPSK              | 1709.88                    | -32.53                      | -13                    | PASS           |
| Band4       | 20                         | 20050                 | 100                | #0                     | 16QAM             | 1709.92                    | -33.20                      | -13                    | PASS           |
| Band4       | 20                         | 20300                 | 100                | #0                     | QPSK              | 1755.08                    | -32.19                      | -13                    | PASS           |
| Band4       | 20                         | 20300                 | 100                | #0                     | 16QAM             | 1755.04                    | -33.54                      | -13                    | PASS           |



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



Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



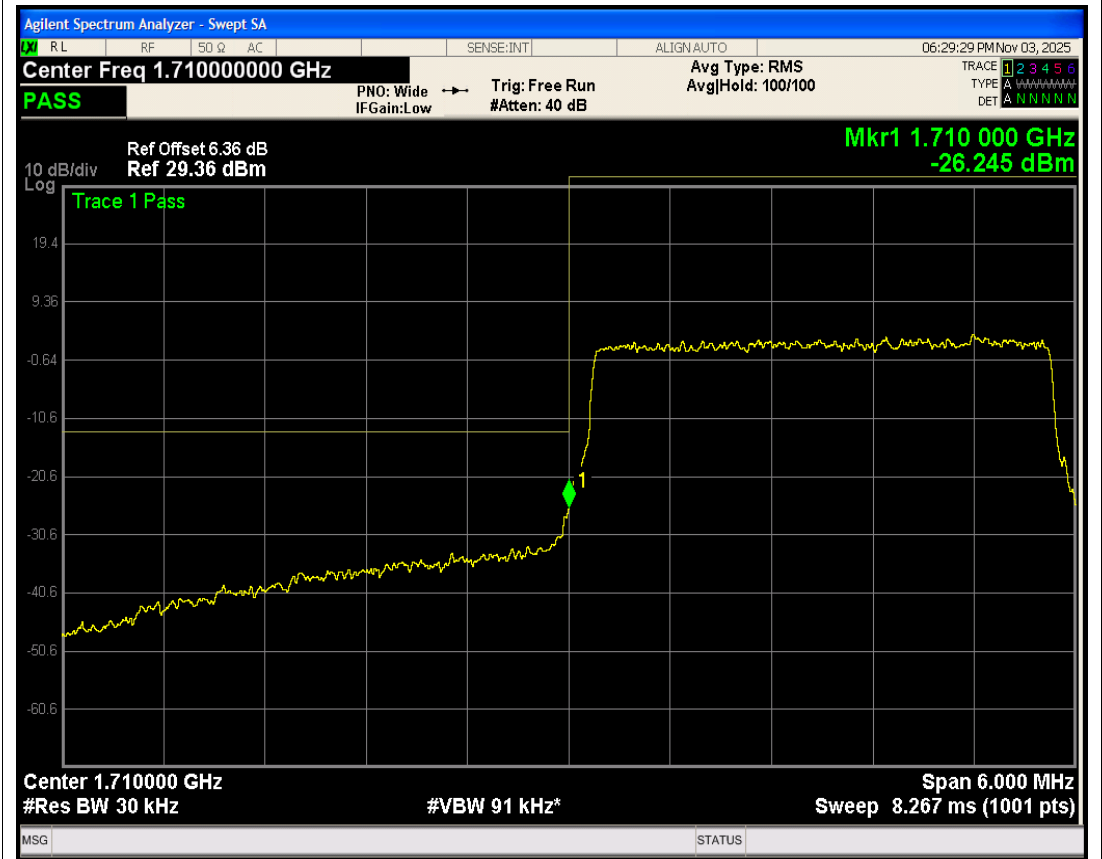
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



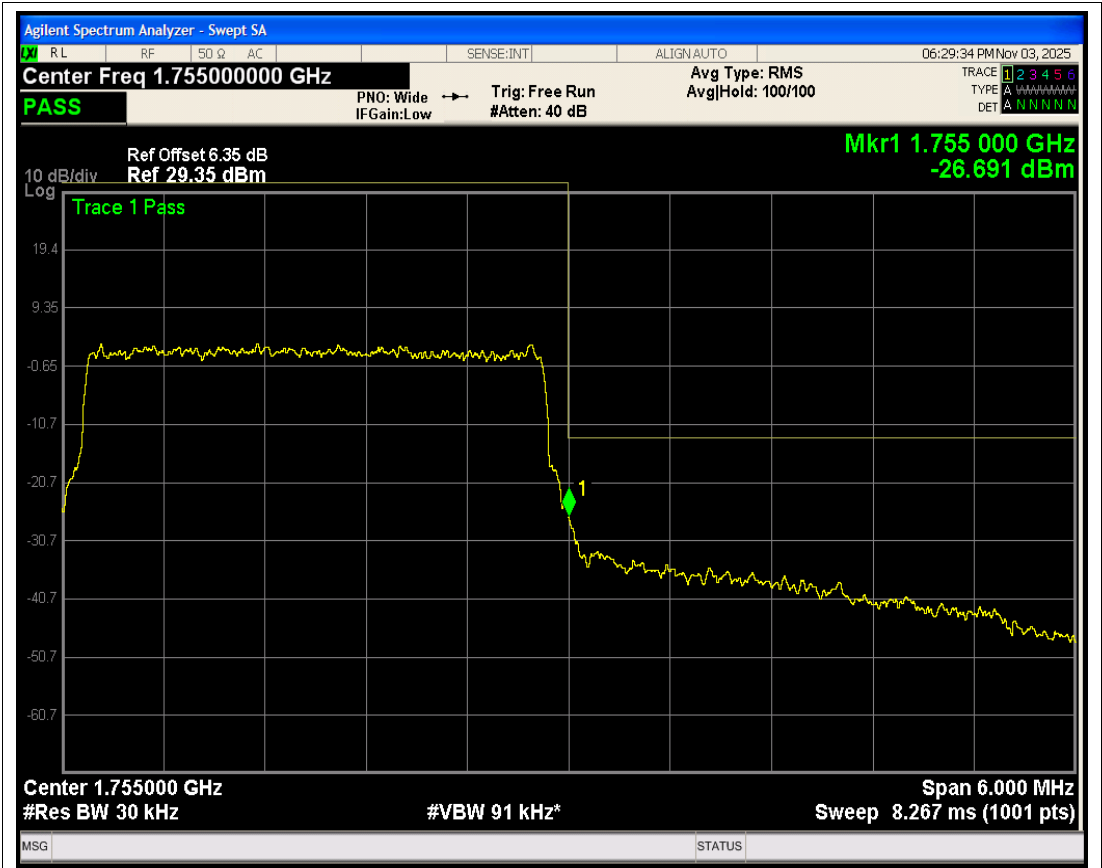
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



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



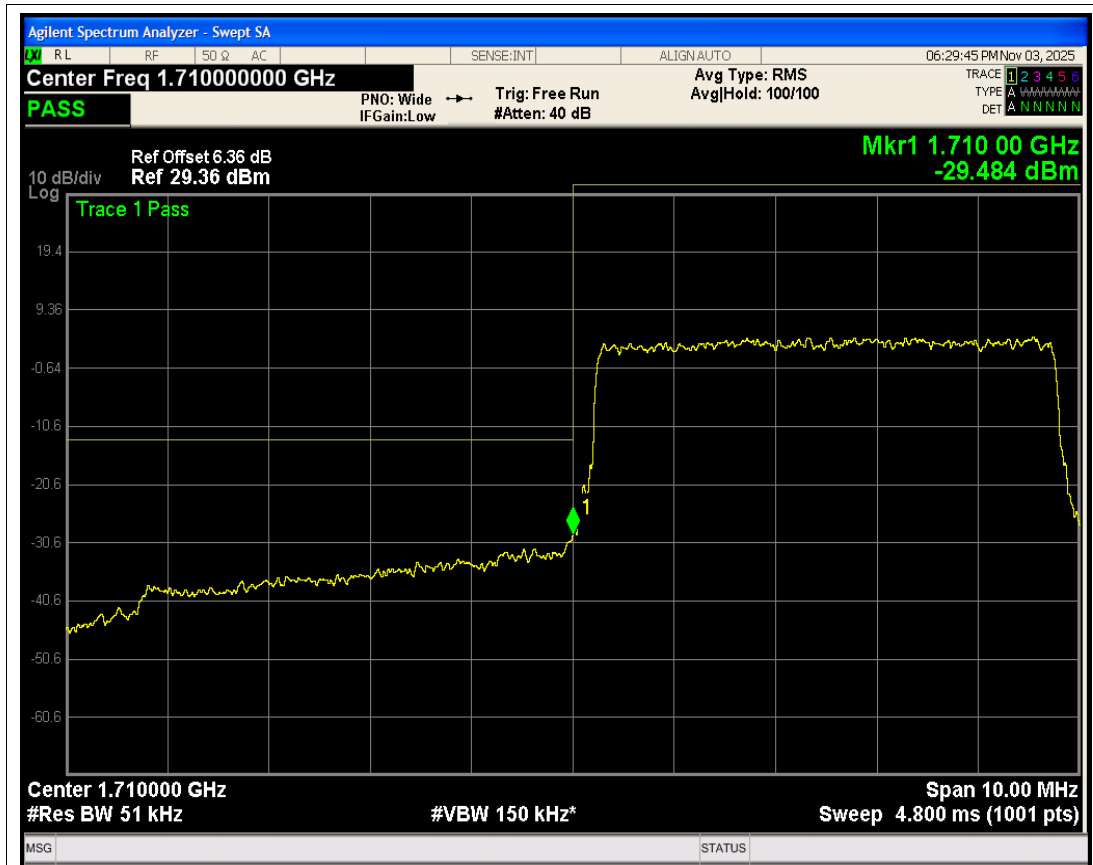
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



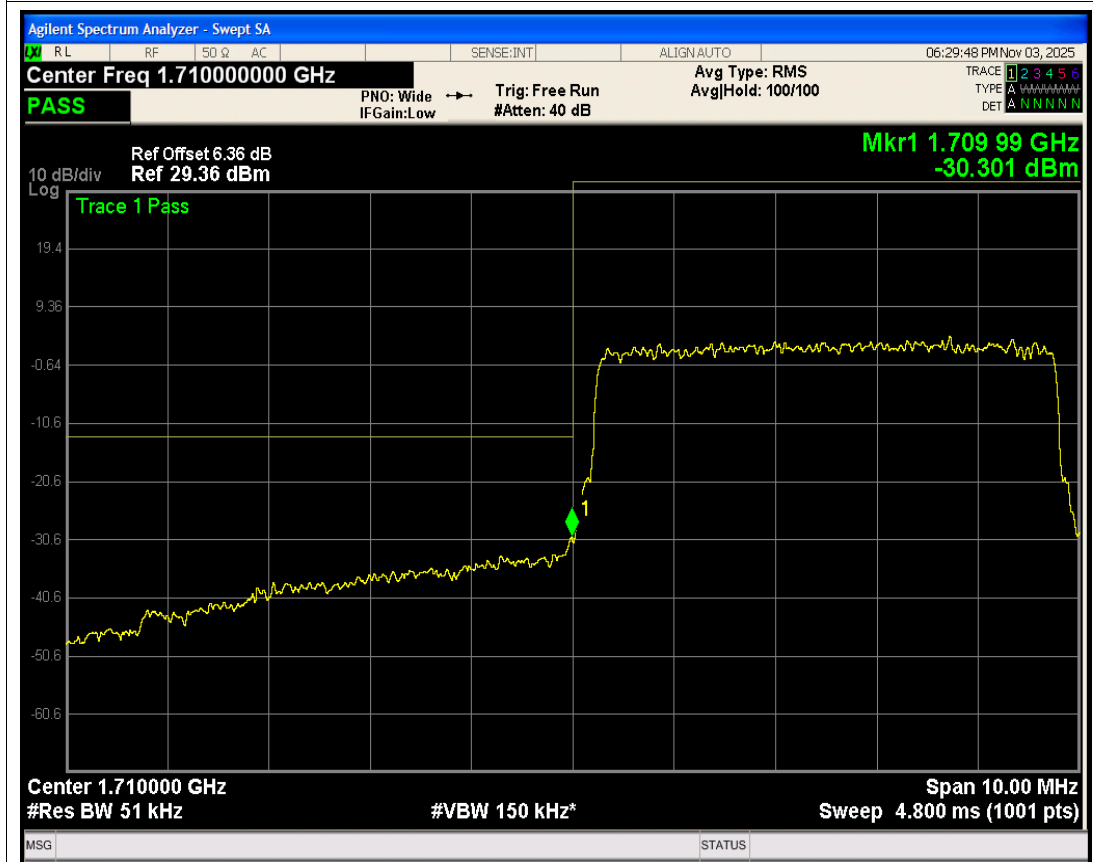
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



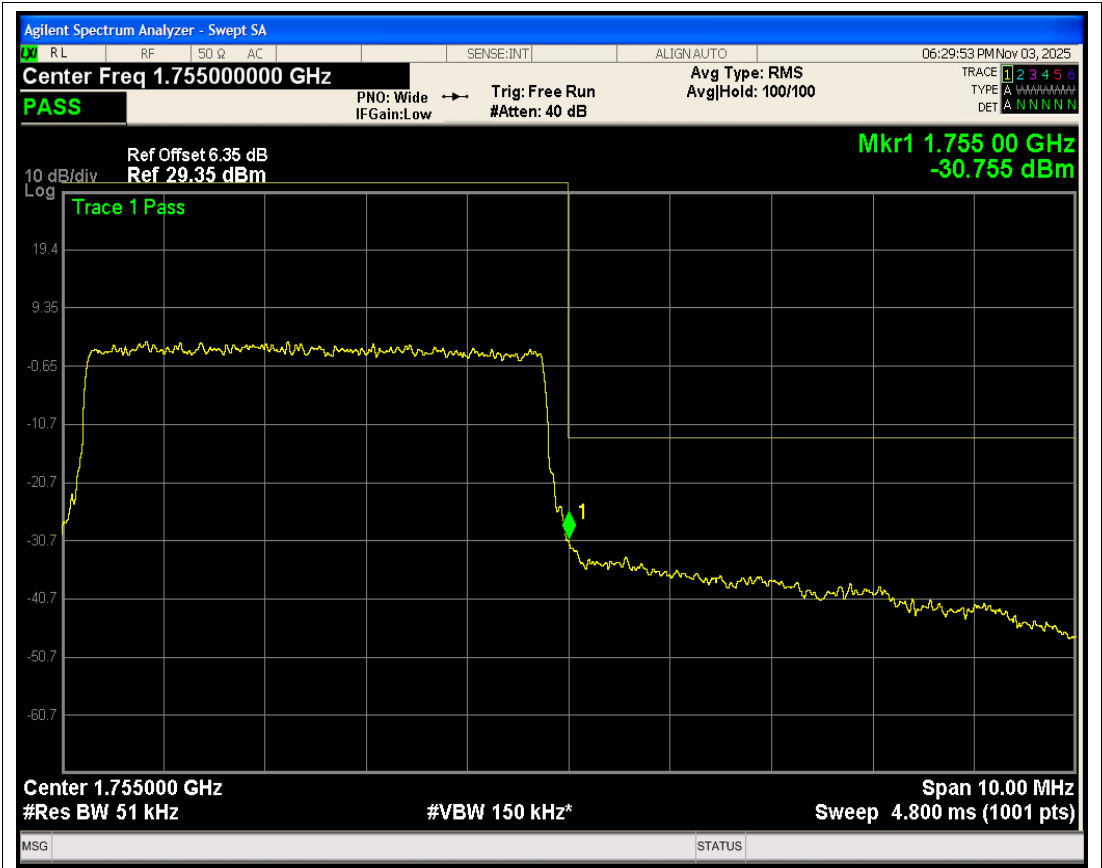
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



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



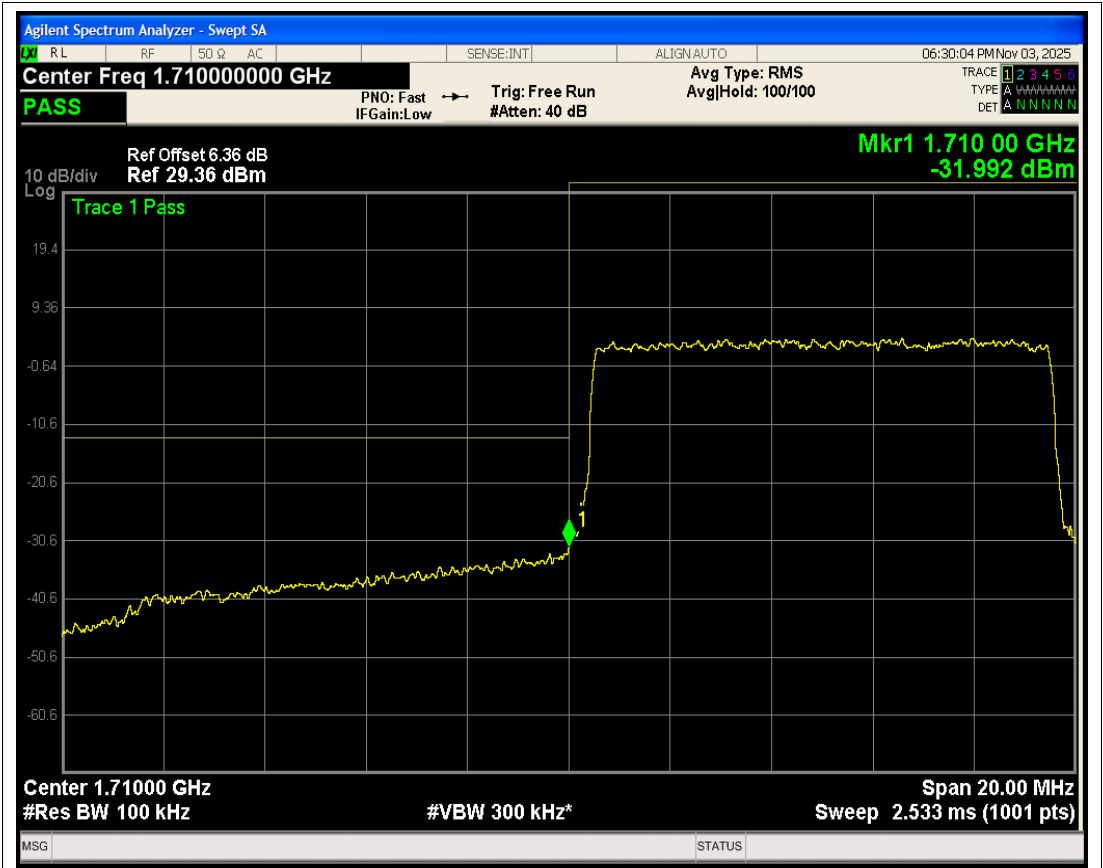
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



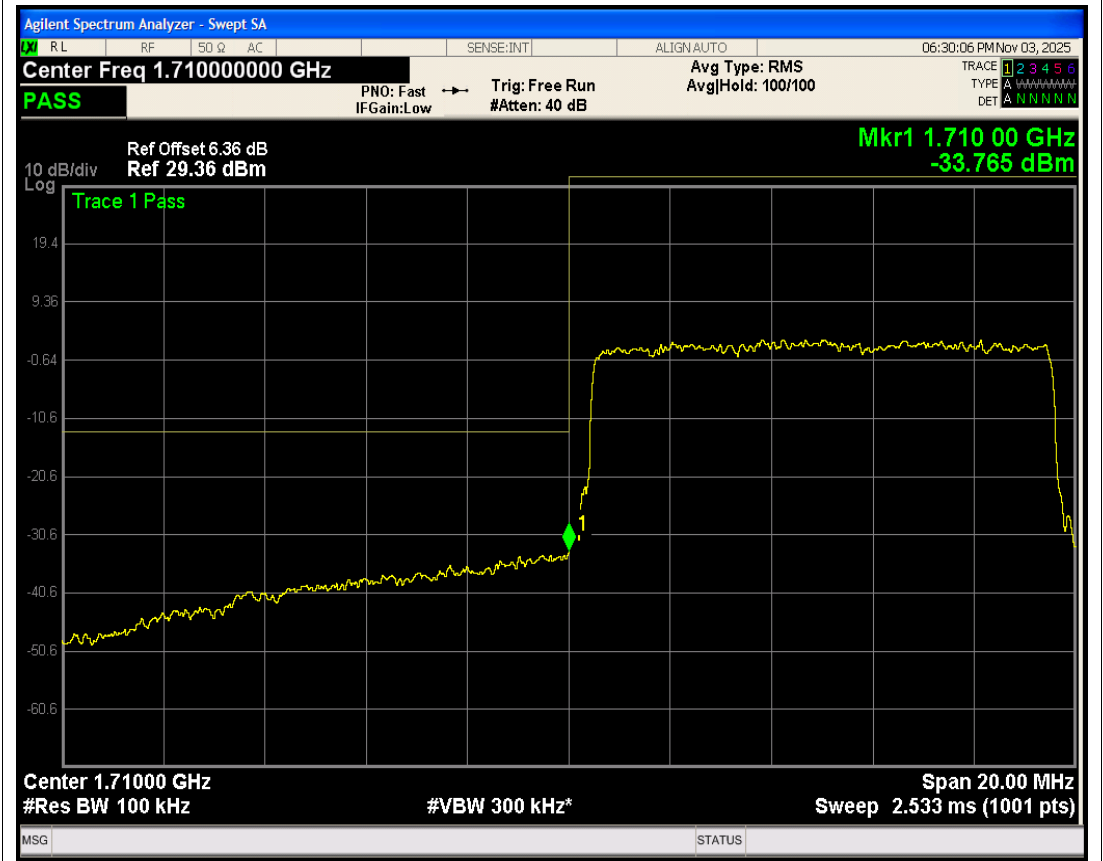
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



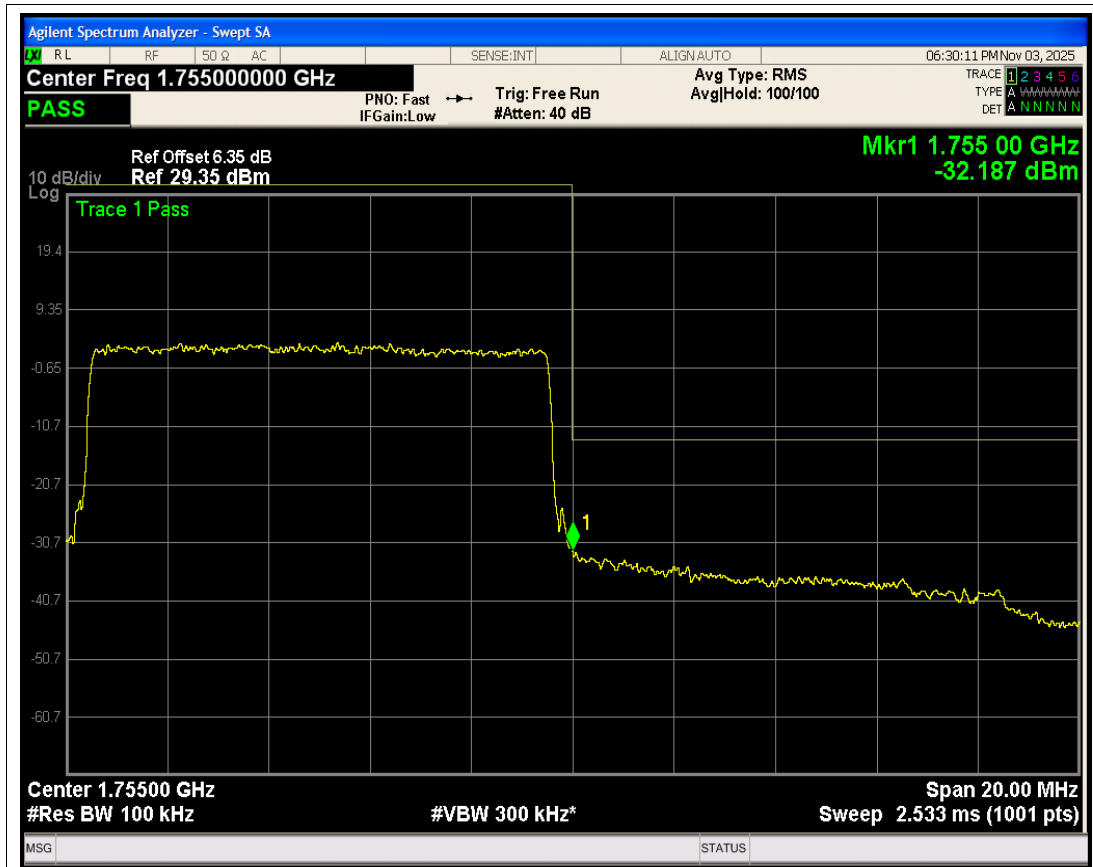
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



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



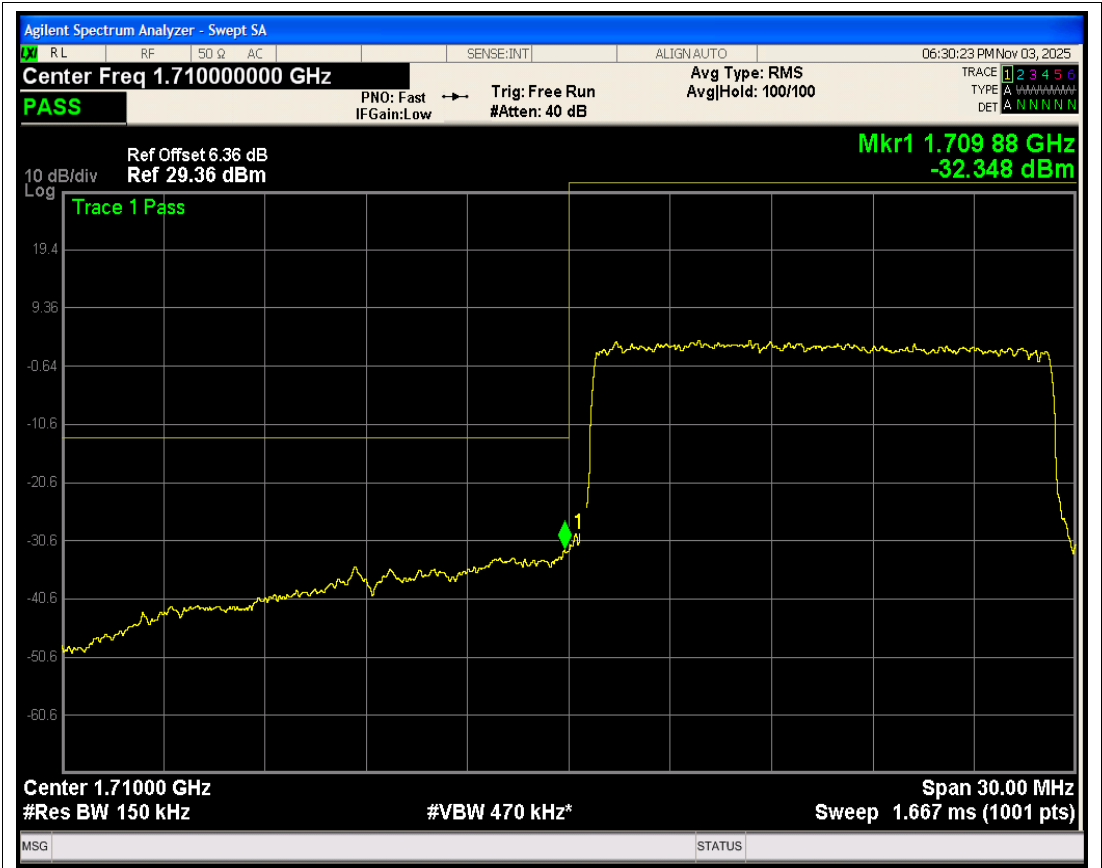
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



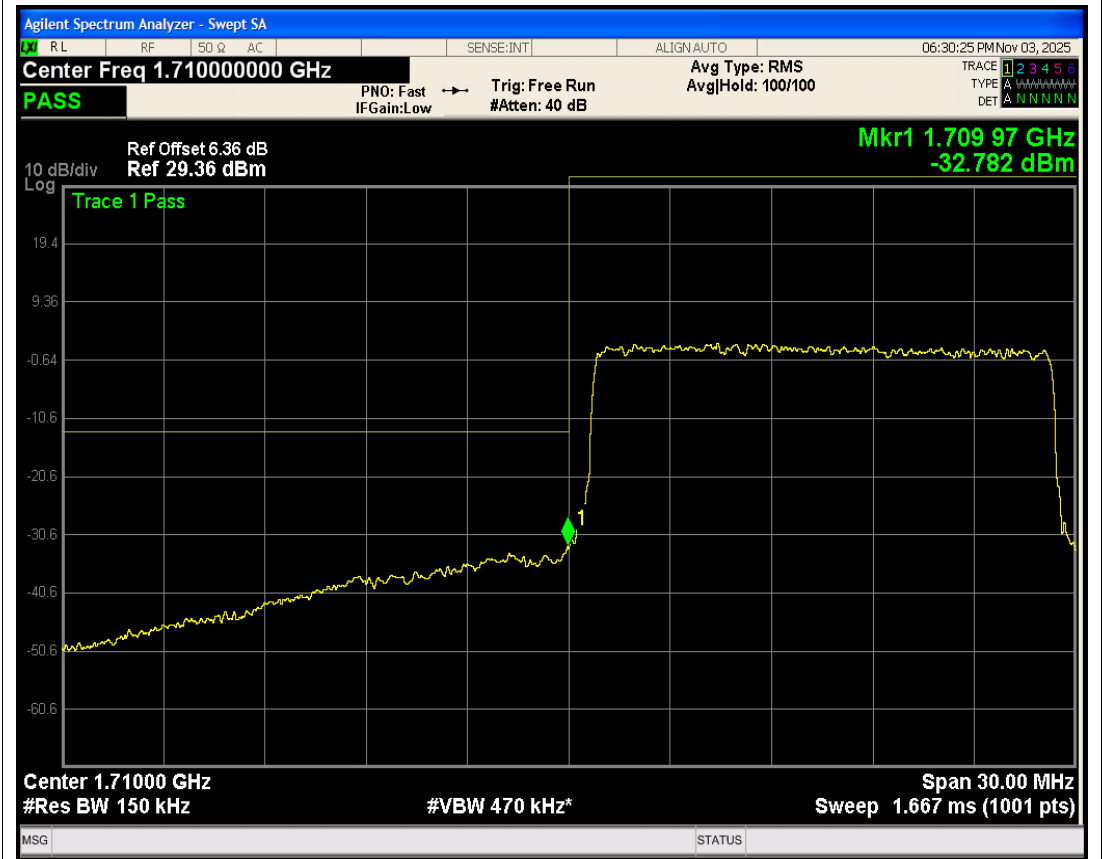
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



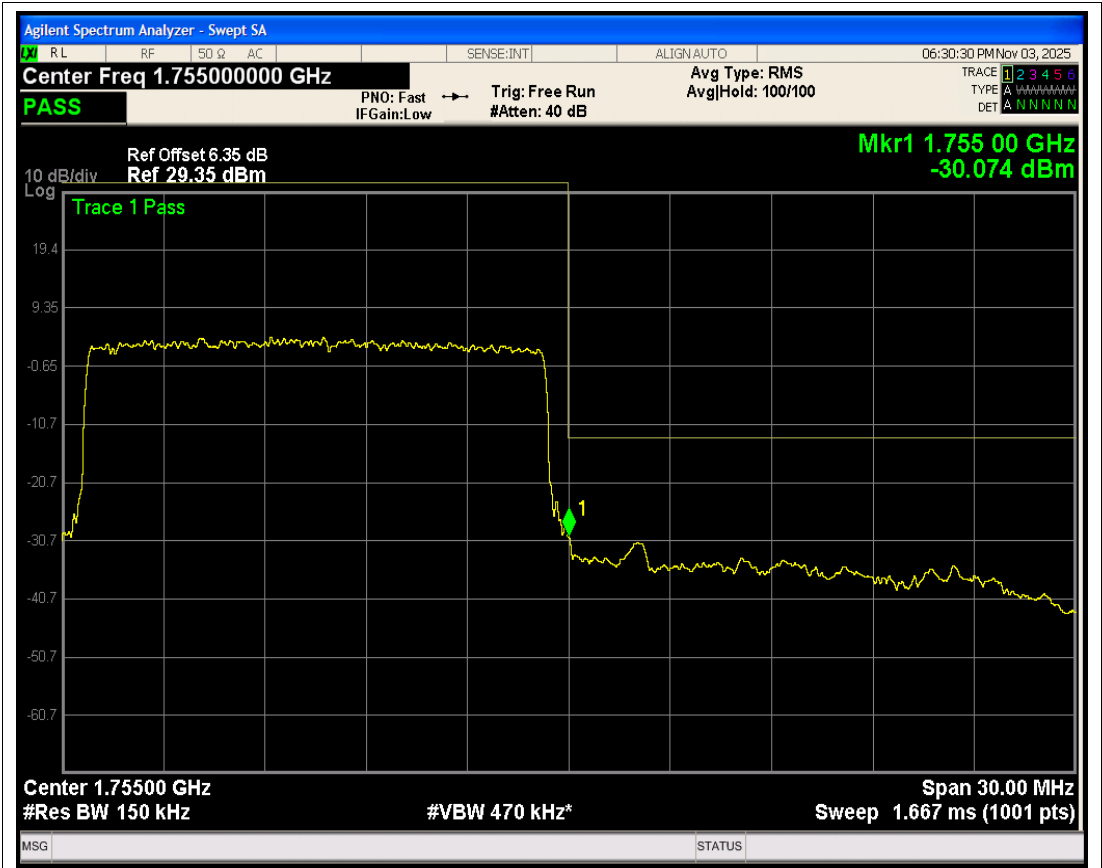
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



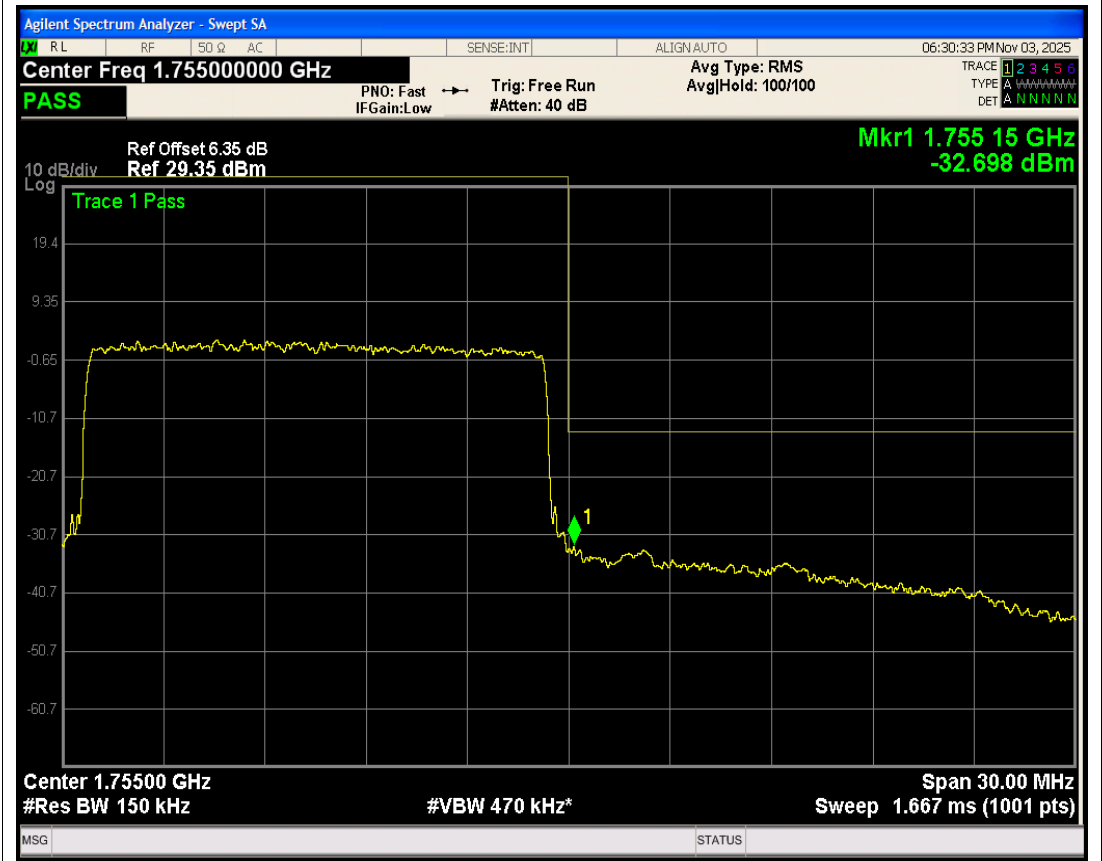
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



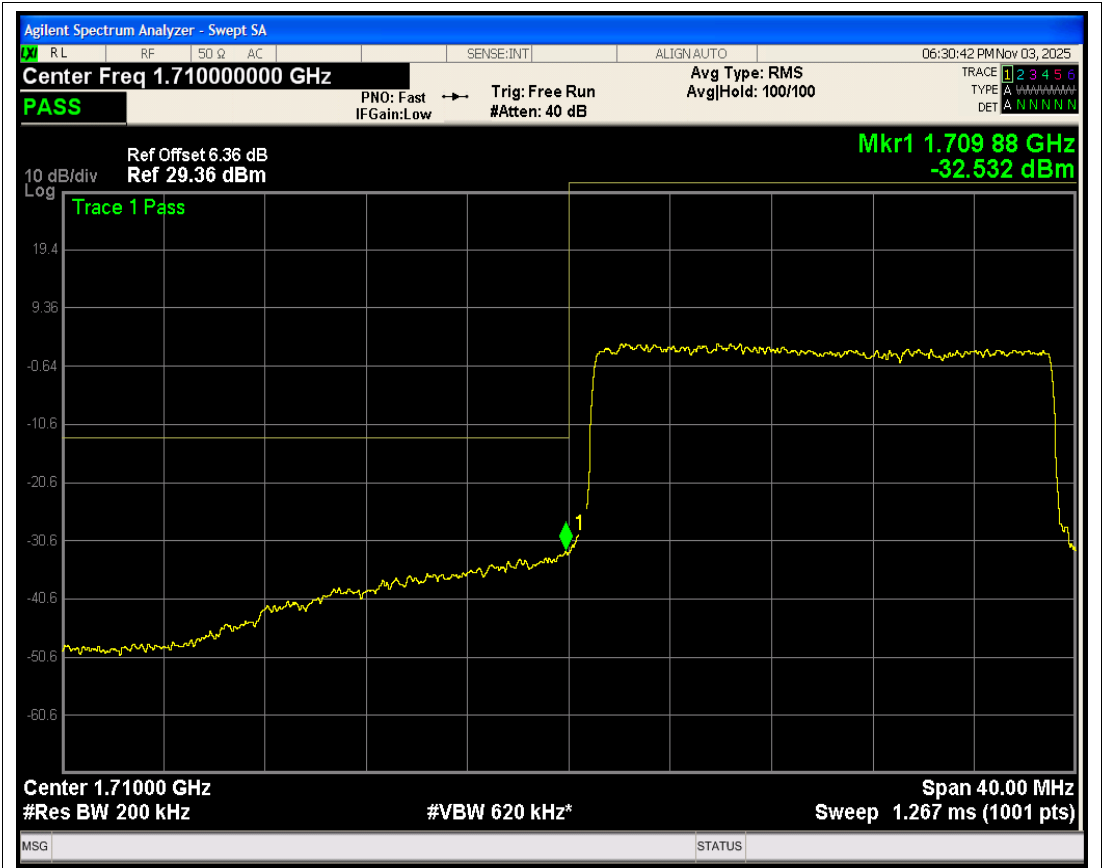
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



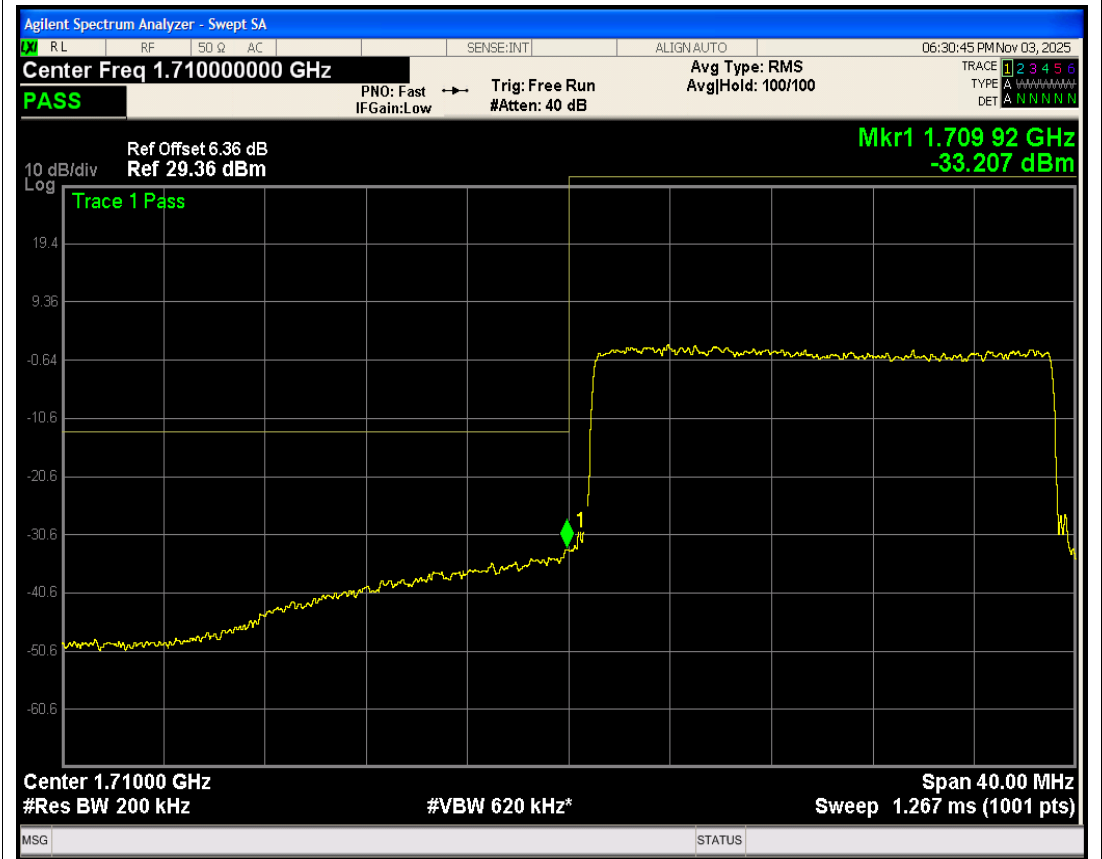
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



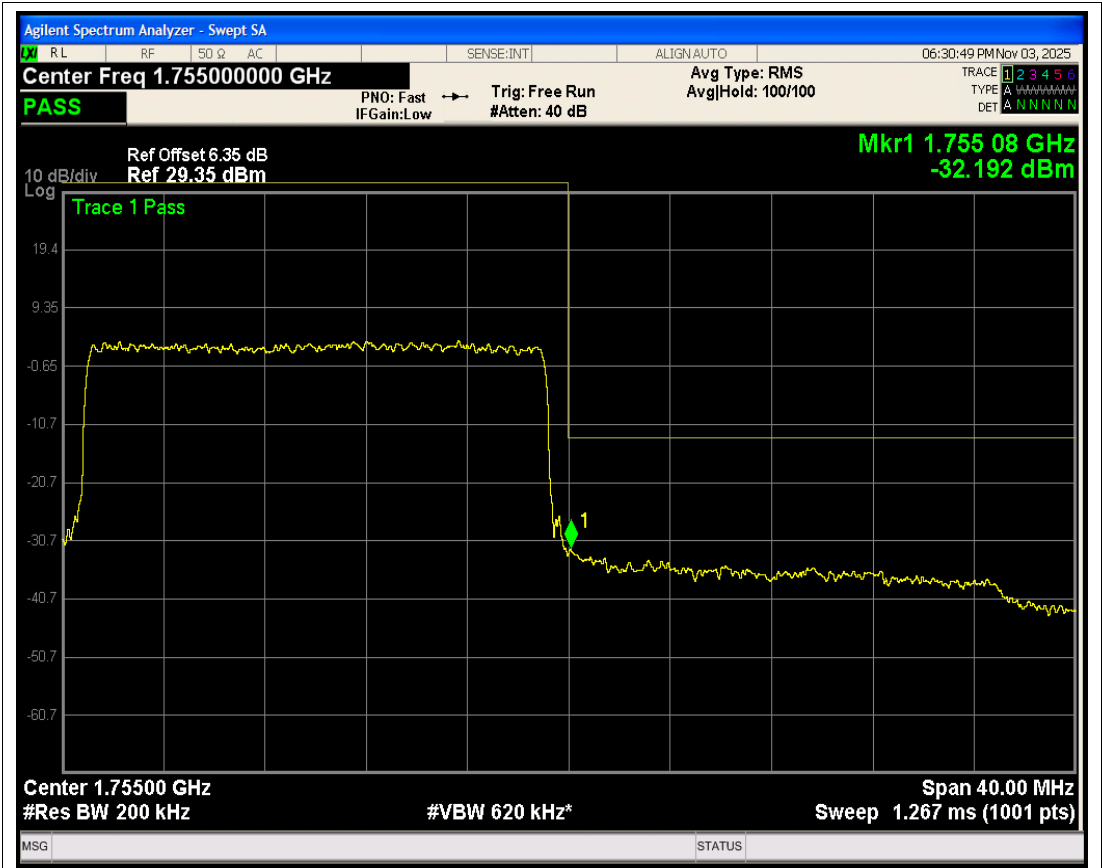
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



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



Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



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

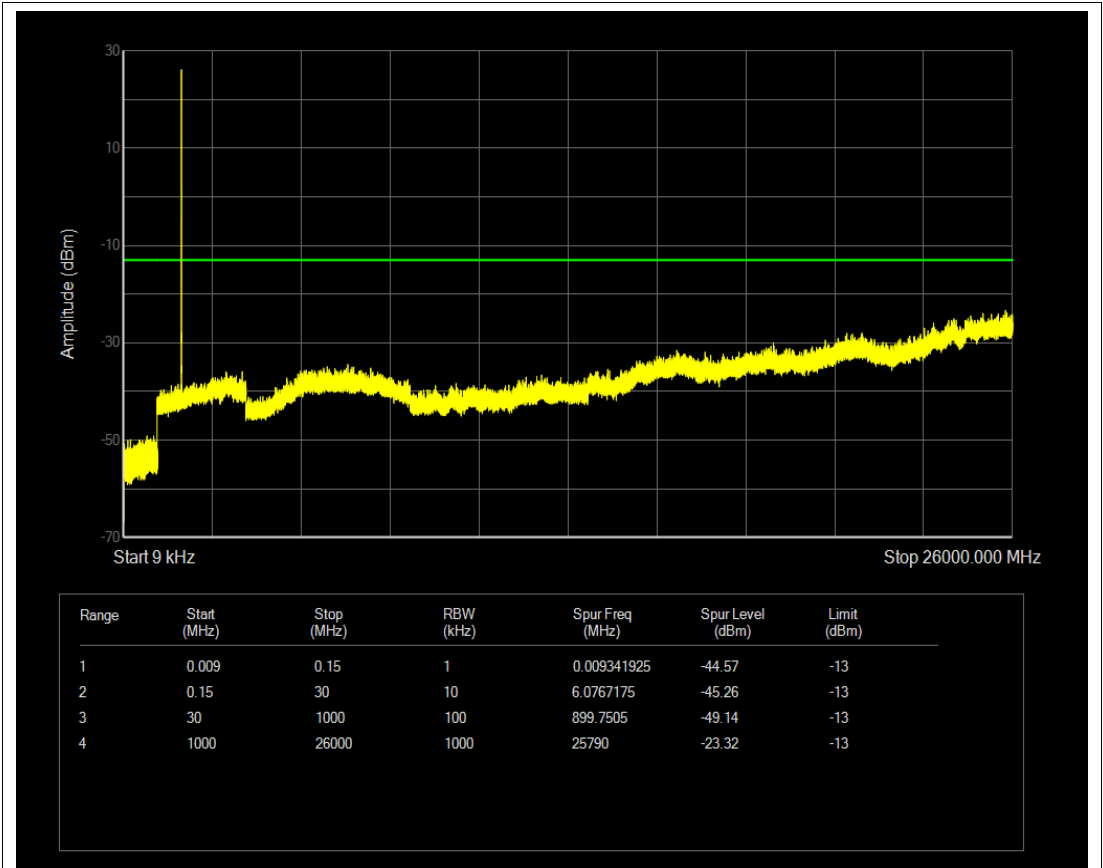


Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0

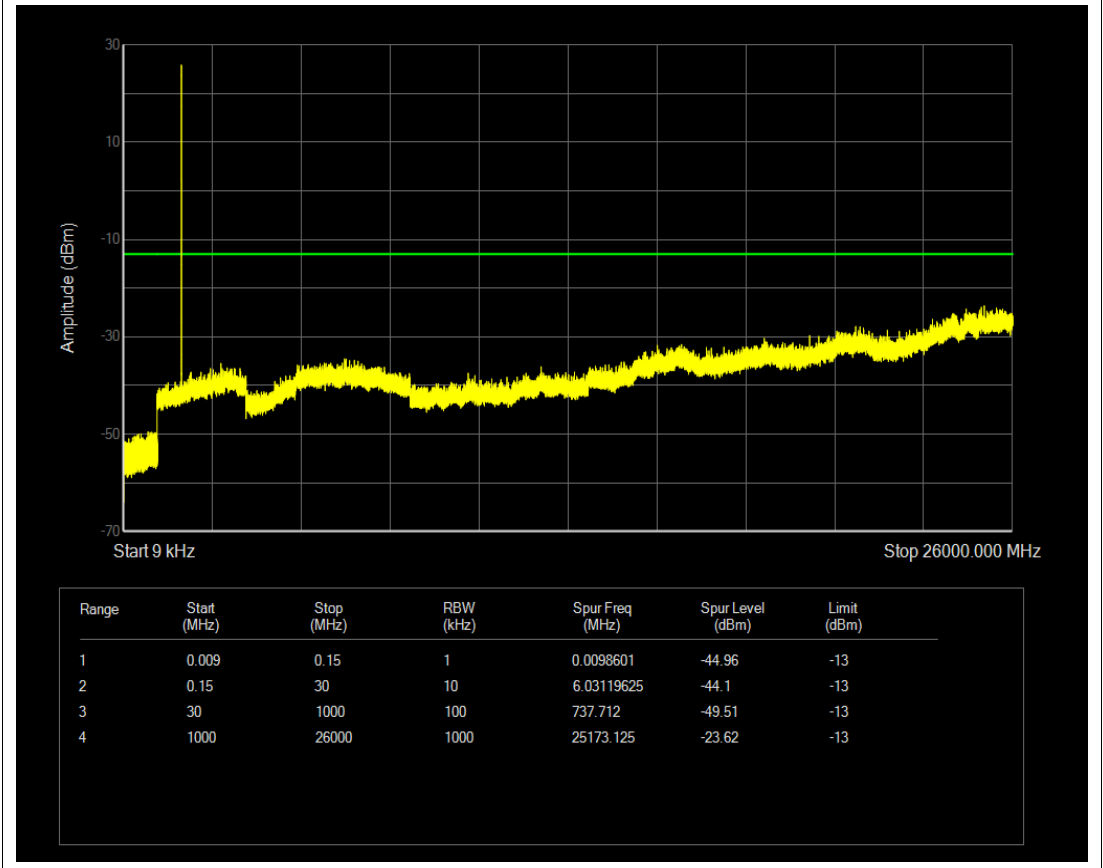


## Appendix 6.Out-of-band emissions

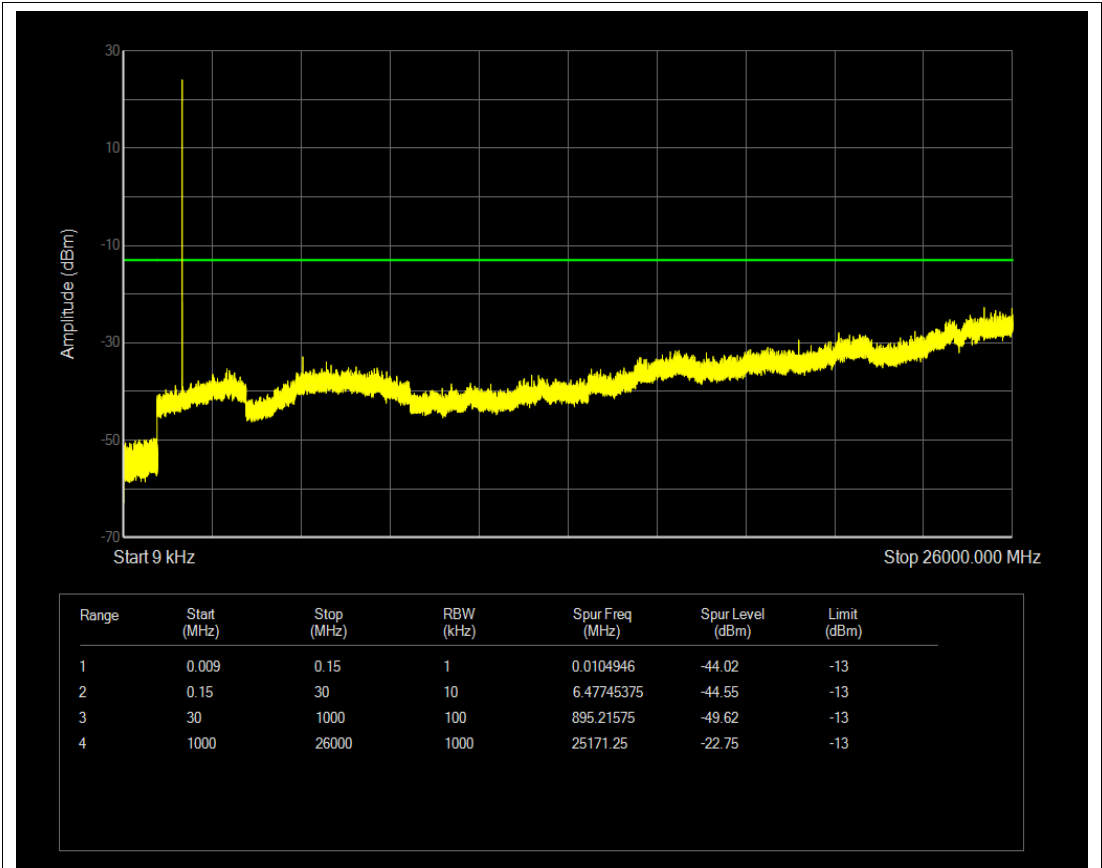
| <i>Band</i> | <i>Bandwidth<br/>(MHz)</i> | <i>UL<br/>Channel</i> | <i>RB<br/>Size</i> | <i>RB<br/>Position</i> | <i>Modulation</i> | <i>Spur Freq<br/>(MHz)</i> | <i>Spur Level<br/>(dBm)</i> | <i>Limit<br/>(dBm)</i> | <i>Verdict</i> |
|-------------|----------------------------|-----------------------|--------------------|------------------------|-------------------|----------------------------|-----------------------------|------------------------|----------------|
| Band4       | 1.4                        | 19957                 | 6                  | #0                     | QPSK              | 25790.00                   | -23.32                      | -13                    | PASS           |
| Band4       | 1.4                        | 19957                 | 6                  | #0                     | 16QAM             | 25173.13                   | -23.62                      | -13                    | PASS           |
| Band4       | 1.4                        | 20175                 | 6                  | #0                     | QPSK              | 25171.25                   | -22.75                      | -13                    | PASS           |
| Band4       | 1.4                        | 20175                 | 6                  | #0                     | 16QAM             | 25428.13                   | -23.86                      | -13                    | PASS           |
| Band4       | 1.4                        | 20393                 | 6                  | #0                     | QPSK              | 25694.38                   | -23.83                      | -13                    | PASS           |
| Band4       | 1.4                        | 20393                 | 6                  | #0                     | 16QAM             | 25635.63                   | -23.56                      | -13                    | PASS           |
| Band4       | 3                          | 19965                 | 15                 | #0                     | QPSK              | 25533.75                   | -23.83                      | -13                    | PASS           |
| Band4       | 3                          | 19965                 | 15                 | #0                     | 16QAM             | 25715.00                   | -22.85                      | -13                    | PASS           |
| Band4       | 3                          | 20175                 | 15                 | #0                     | QPSK              | 25670.63                   | -23.35                      | -13                    | PASS           |
| Band4       | 3                          | 20175                 | 15                 | #0                     | 16QAM             | 25906.25                   | -23.79                      | -13                    | PASS           |
| Band4       | 3                          | 20385                 | 15                 | #0                     | QPSK              | 25998.75                   | -22.68                      | -13                    | PASS           |
| Band4       | 3                          | 20385                 | 15                 | #0                     | 16QAM             | 25492.50                   | -22.74                      | -13                    | PASS           |
| Band4       | 5                          | 19975                 | 25                 | #0                     | QPSK              | 25527.50                   | -23.83                      | -13                    | PASS           |
| Band4       | 5                          | 19975                 | 25                 | #0                     | 16QAM             | 25985.63                   | -23.88                      | -13                    | PASS           |
| Band4       | 5                          | 20175                 | 25                 | #0                     | QPSK              | 25864.38                   | -23.53                      | -13                    | PASS           |
| Band4       | 5                          | 20175                 | 25                 | #0                     | 16QAM             | 25798.13                   | -23.17                      | -13                    | PASS           |
| Band4       | 5                          | 20375                 | 25                 | #0                     | QPSK              | 25380.63                   | -23.48                      | -13                    | PASS           |
| Band4       | 5                          | 20375                 | 25                 | #0                     | 16QAM             | 24788.13                   | -23.35                      | -13                    | PASS           |
| Band4       | 10                         | 20000                 | 50                 | #0                     | QPSK              | 25618.13                   | -23.57                      | -13                    | PASS           |
| Band4       | 10                         | 20000                 | 50                 | #0                     | 16QAM             | 25558.13                   | -23.80                      | -13                    | PASS           |
| Band4       | 10                         | 20175                 | 50                 | #0                     | QPSK              | 25256.25                   | -23.55                      | -13                    | PASS           |
| Band4       | 10                         | 20175                 | 50                 | #0                     | 16QAM             | 25715.00                   | -23.39                      | -13                    | PASS           |
| Band4       | 10                         | 20350                 | 50                 | #0                     | QPSK              | 25116.88                   | -23.15                      | -13                    | PASS           |
| Band4       | 10                         | 20350                 | 50                 | #0                     | 16QAM             | 25201.88                   | -23.42                      | -13                    | PASS           |
| Band4       | 15                         | 20025                 | 75                 | #0                     | QPSK              | 24718.13                   | -23.35                      | -13                    | PASS           |
| Band4       | 15                         | 20025                 | 75                 | #0                     | 16QAM             | 25585.00                   | -23.33                      | -13                    | PASS           |
| Band4       | 15                         | 20175                 | 75                 | #0                     | QPSK              | 25063.13                   | -23.23                      | -13                    | PASS           |
| Band4       | 15                         | 20175                 | 75                 | #0                     | 16QAM             | 25118.75                   | -23.70                      | -13                    | PASS           |
| Band4       | 15                         | 20325                 | 75                 | #0                     | QPSK              | 25487.50                   | -23.18                      | -13                    | PASS           |
| Band4       | 15                         | 20325                 | 75                 | #0                     | 16QAM             | 25990.63                   | -23.40                      | -13                    | PASS           |
| Band4       | 20                         | 20050                 | 100                | #0                     | QPSK              | 25769.38                   | -23.32                      | -13                    | PASS           |
| Band4       | 20                         | 20050                 | 100                | #0                     | 16QAM             | 25831.25                   | -22.63                      | -13                    | PASS           |
| Band4       | 20                         | 20175                 | 100                | #0                     | QPSK              | 25783.75                   | -23.11                      | -13                    | PASS           |
| Band4       | 20                         | 20175                 | 100                | #0                     | 16QAM             | 25347.50                   | -23.72                      | -13                    | PASS           |
| Band4       | 20                         | 20300                 | 100                | #0                     | QPSK              | 25856.25                   | -23.20                      | -13                    | PASS           |
| Band4       | 20                         | 20300                 | 100                | #0                     | 16QAM             | 25552.50                   | -23.18                      | -13                    | PASS           |



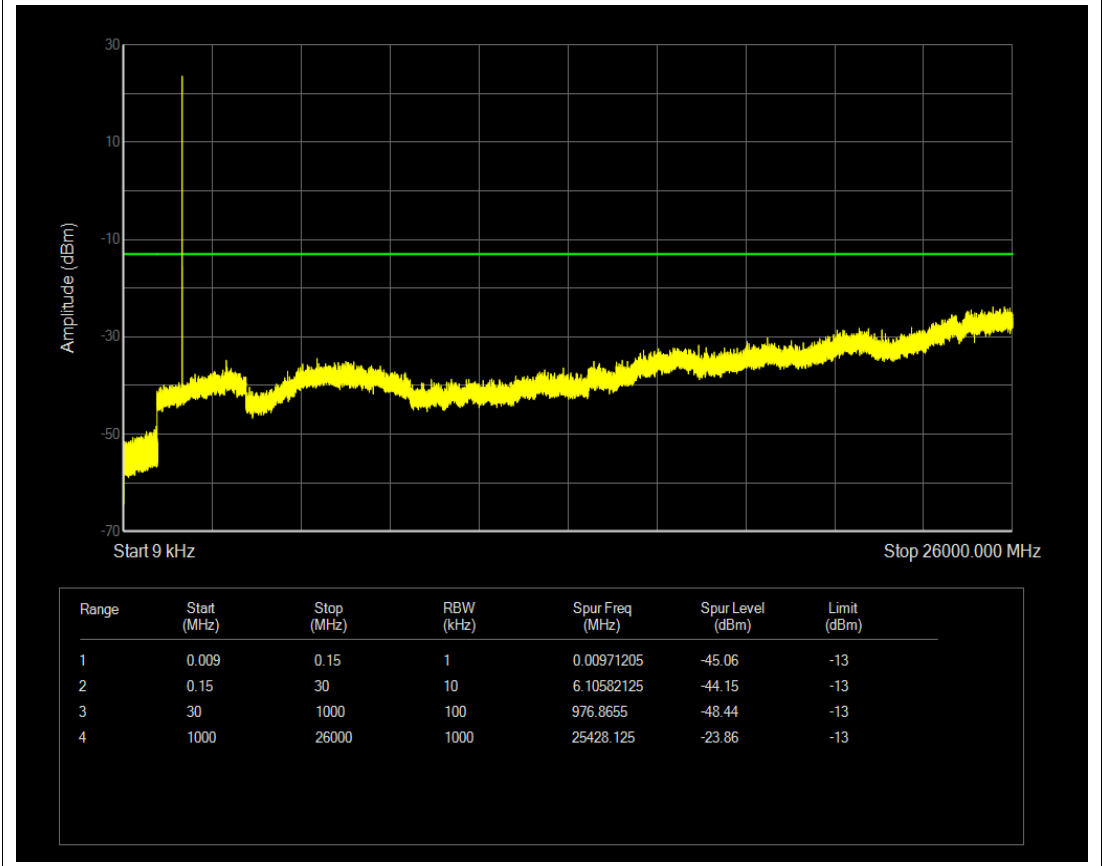
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



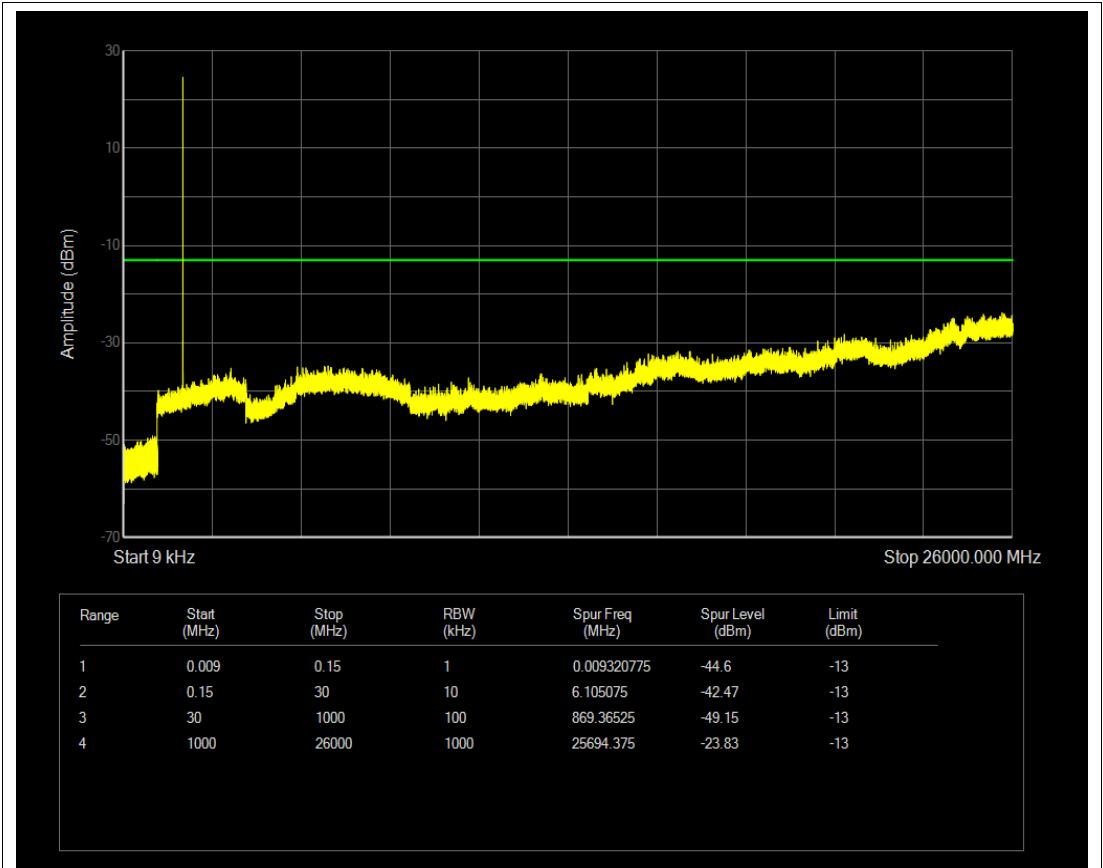
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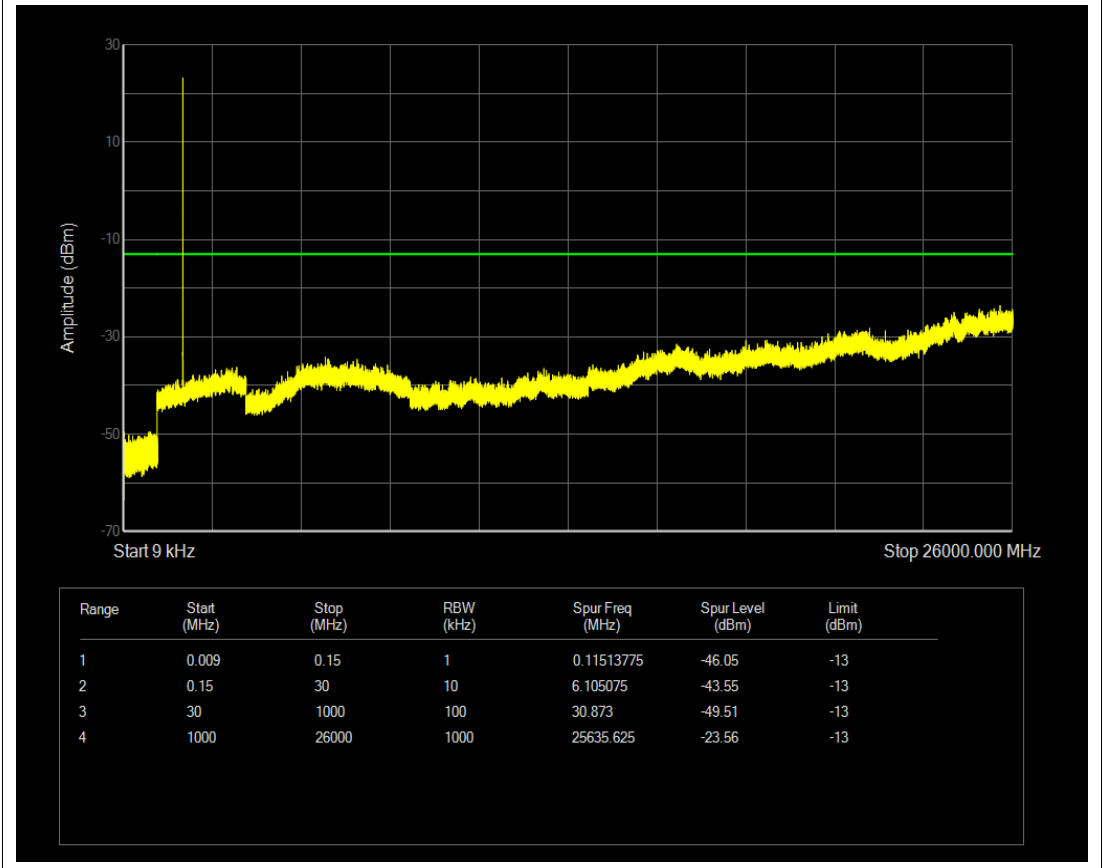
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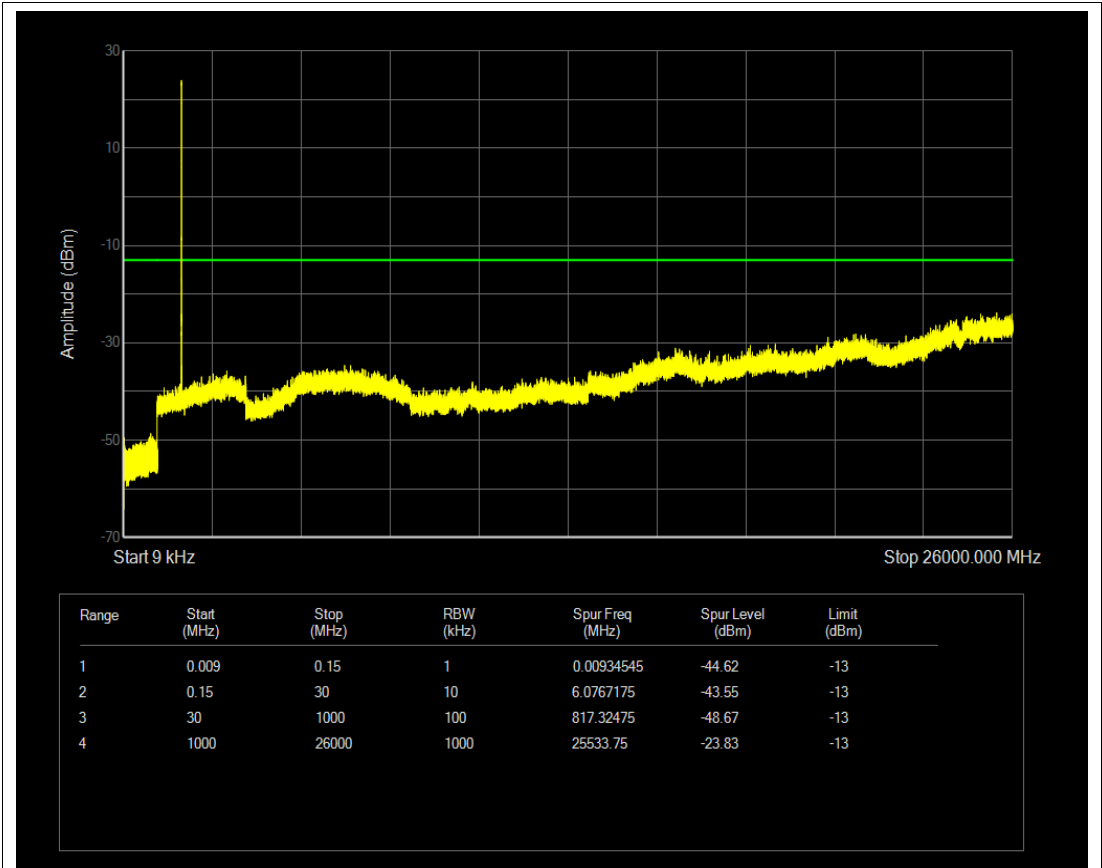
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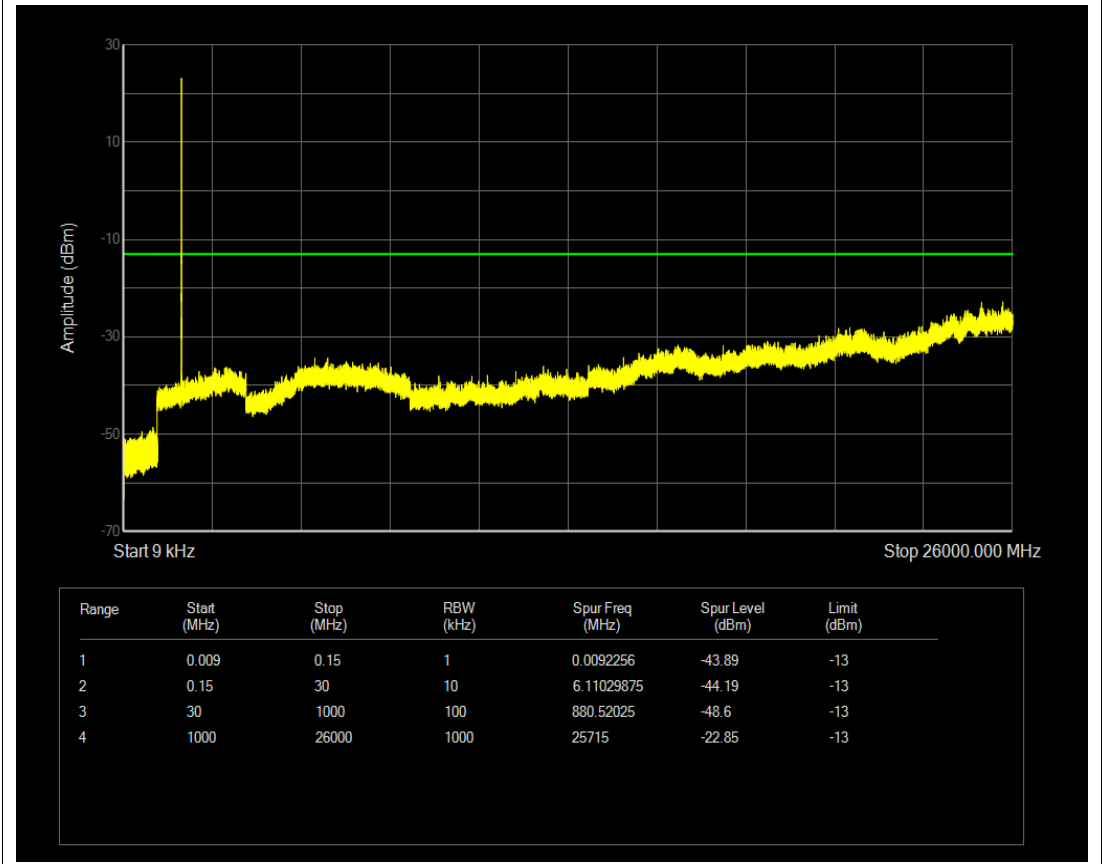
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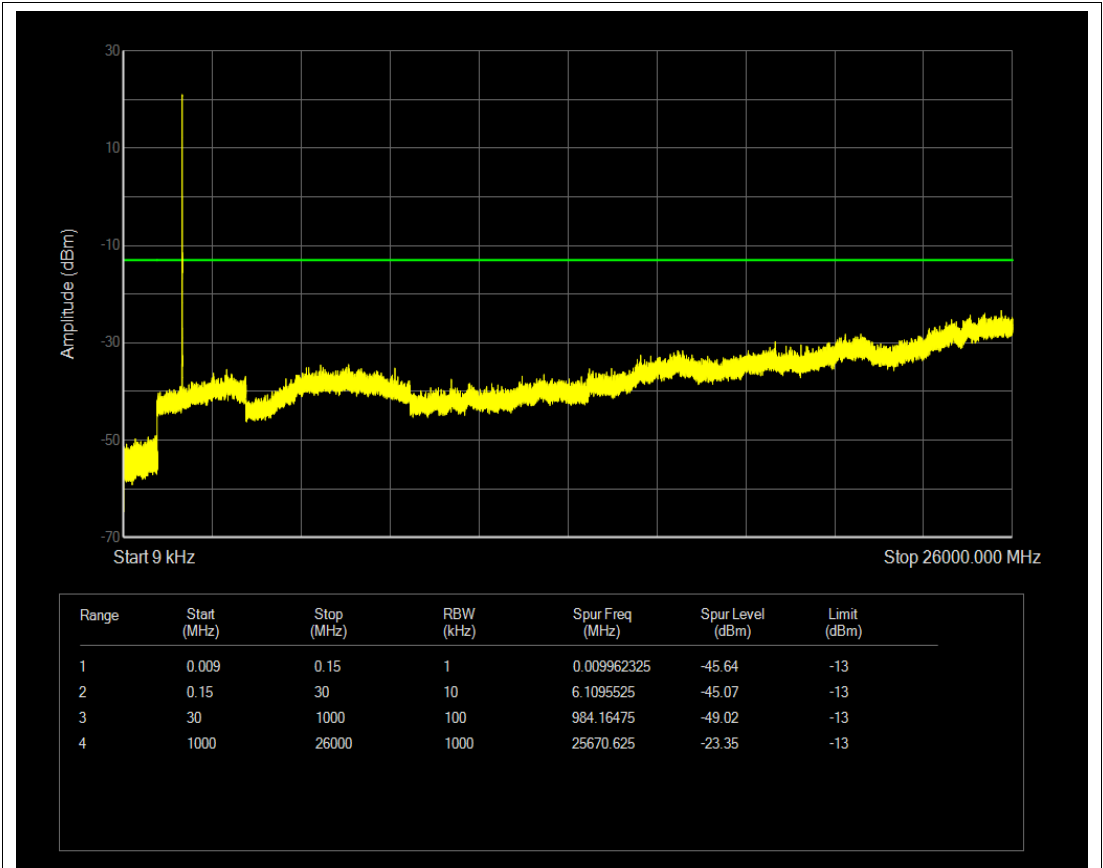
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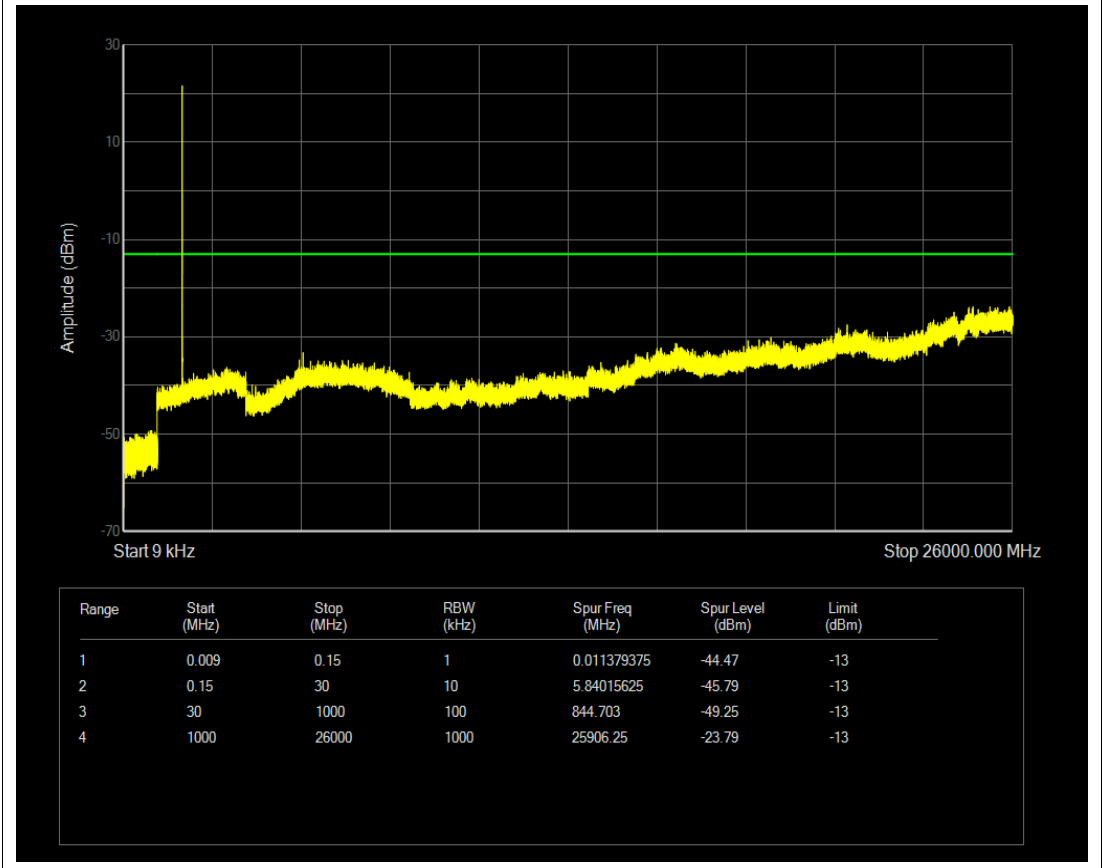
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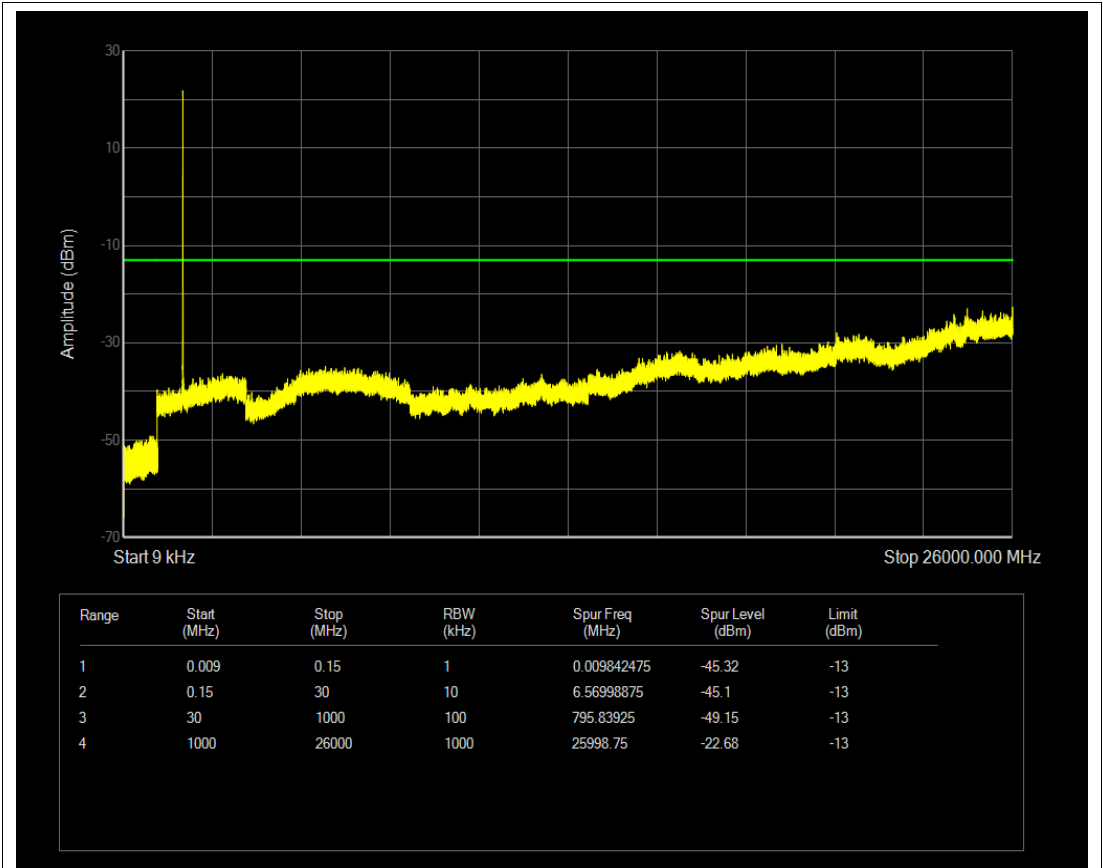
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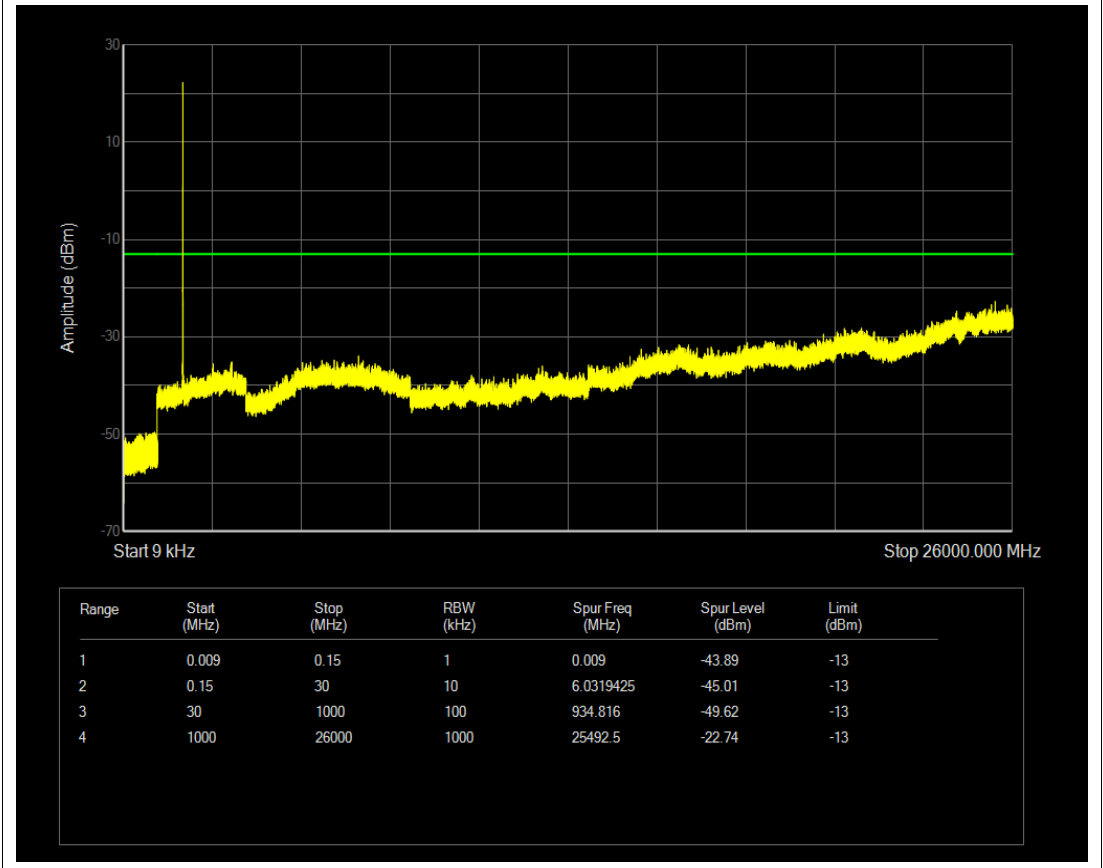
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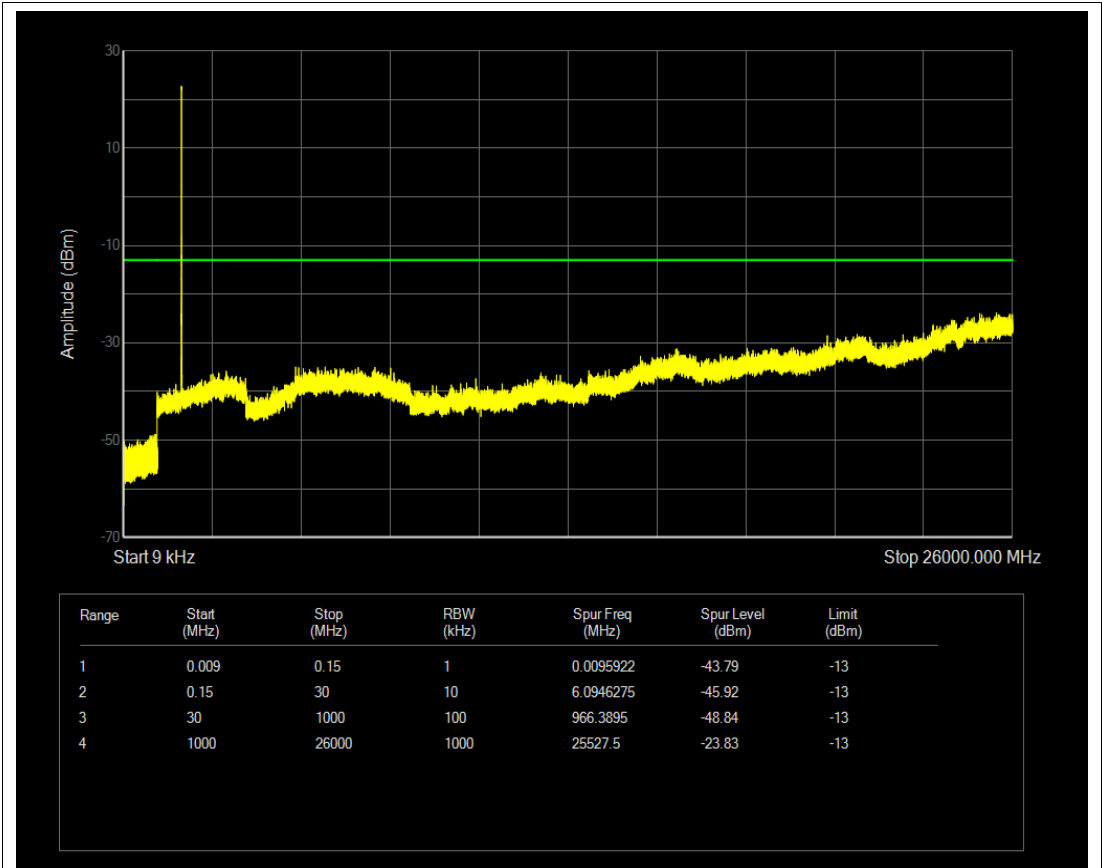
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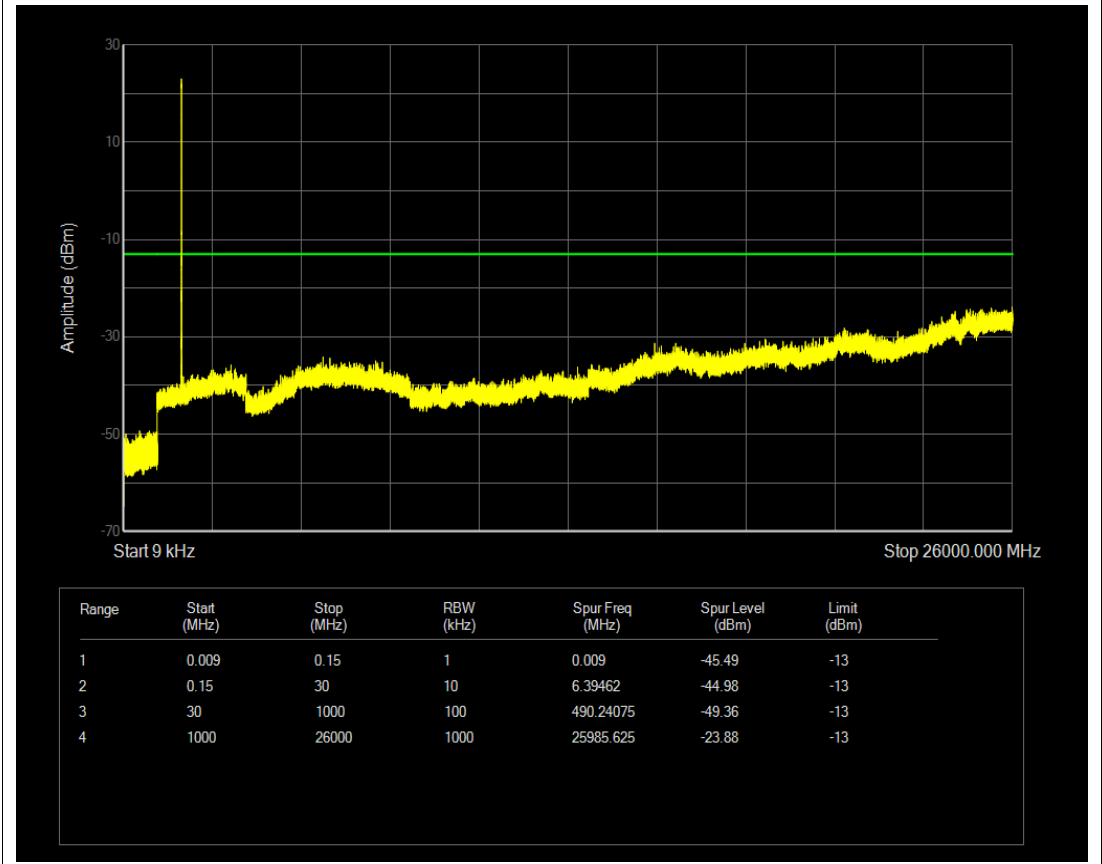
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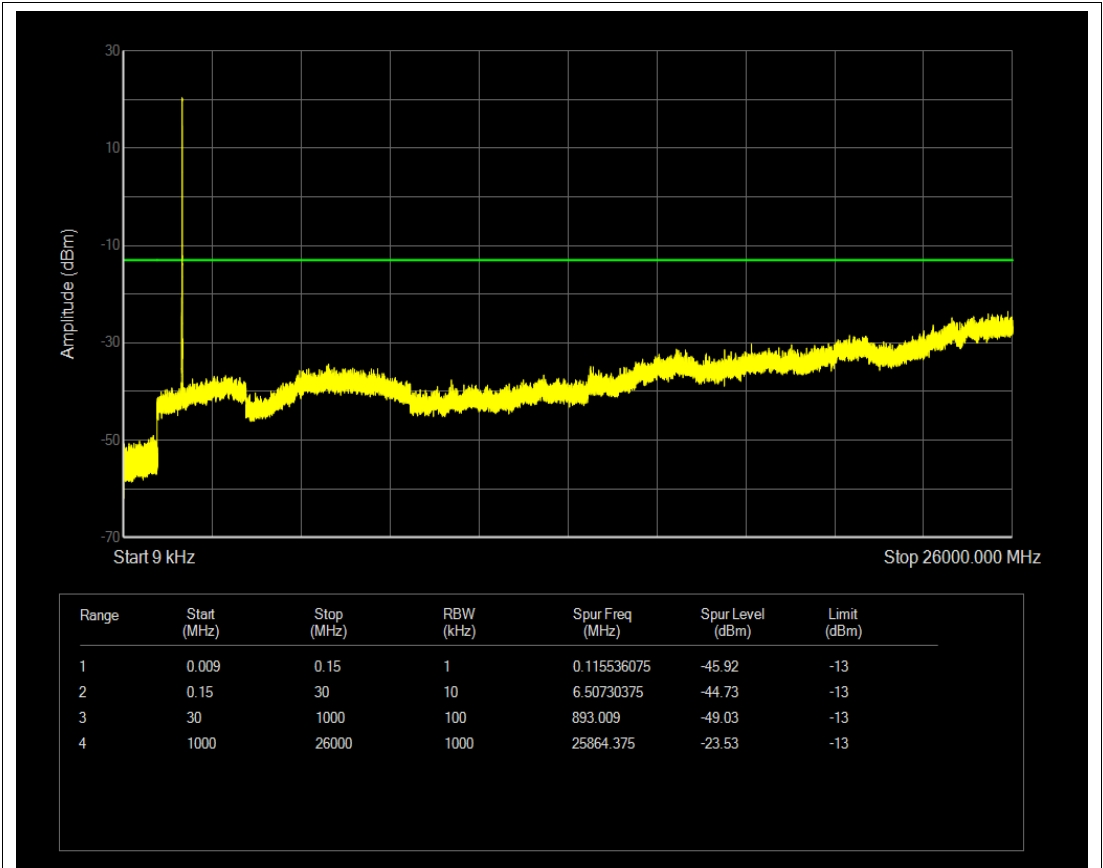
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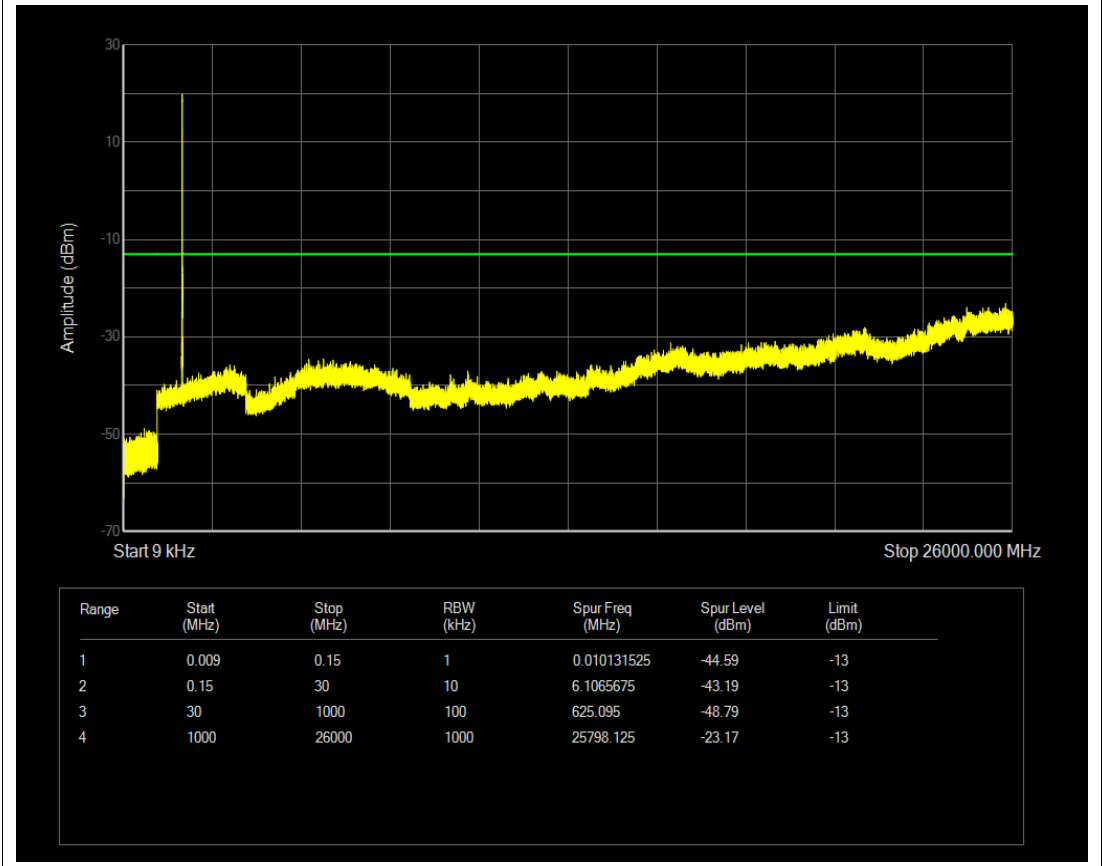
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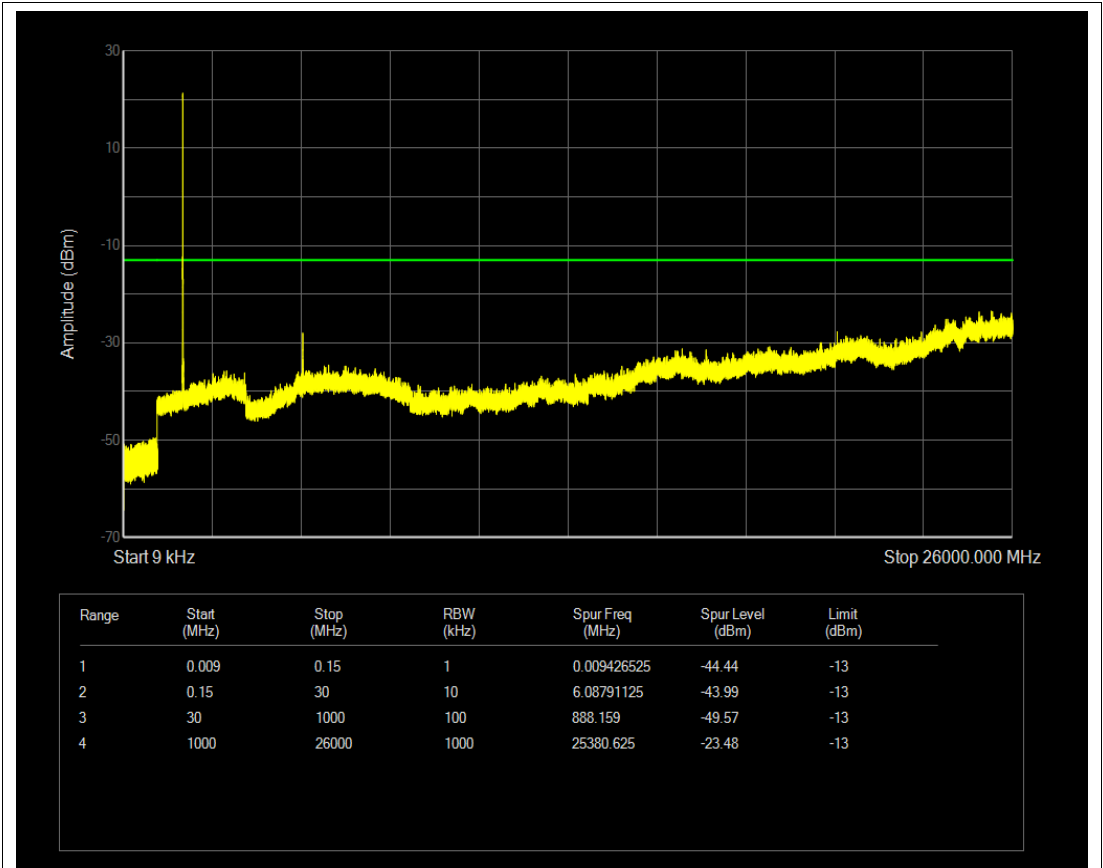
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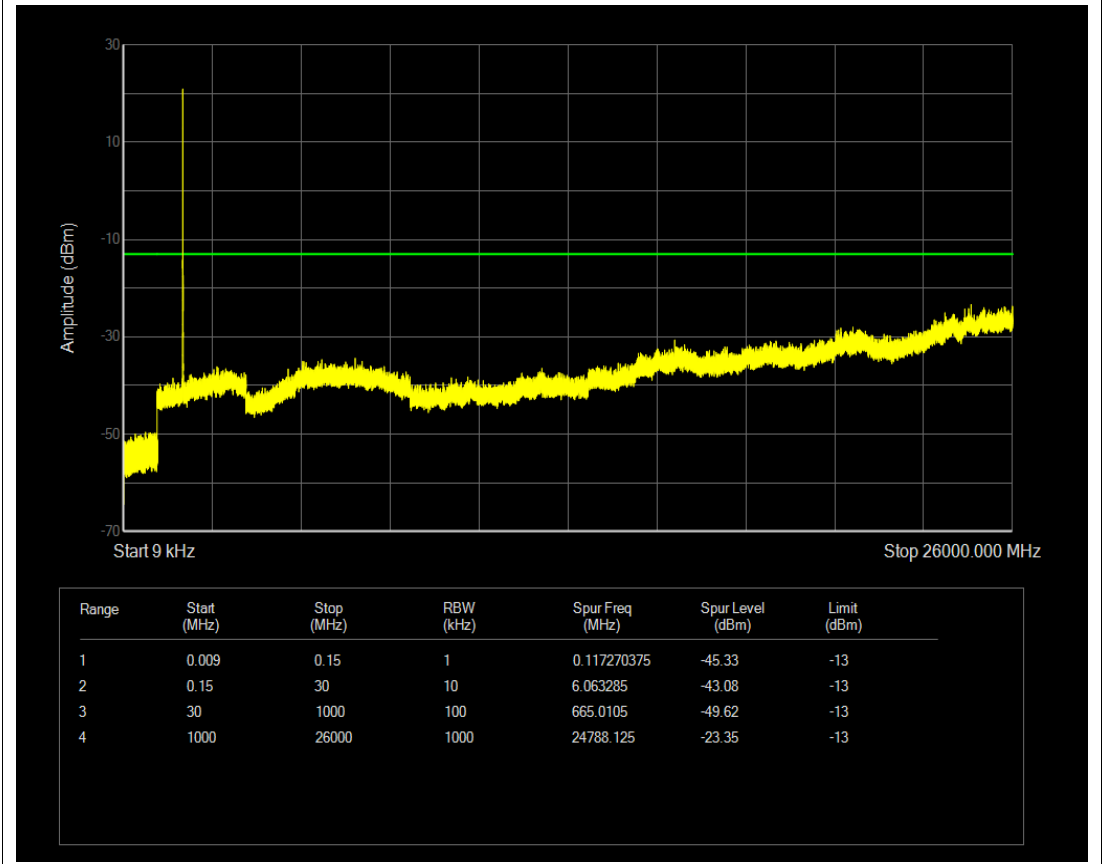
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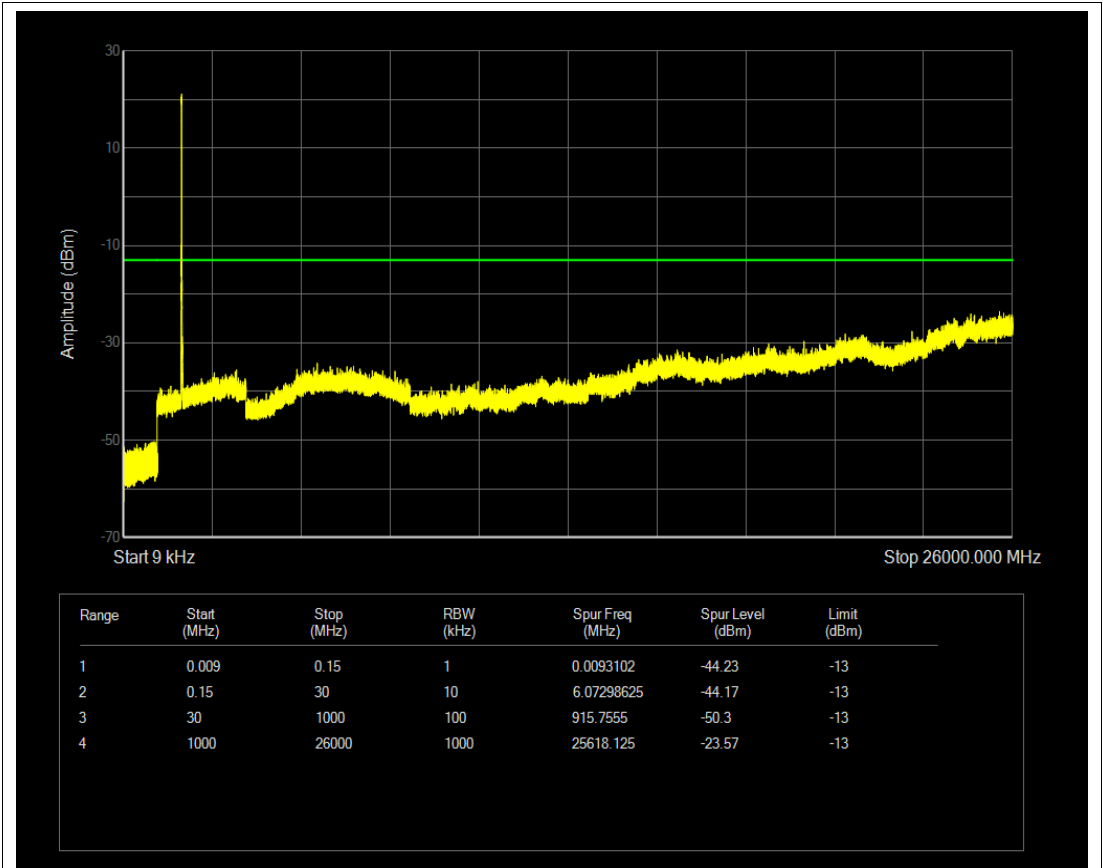
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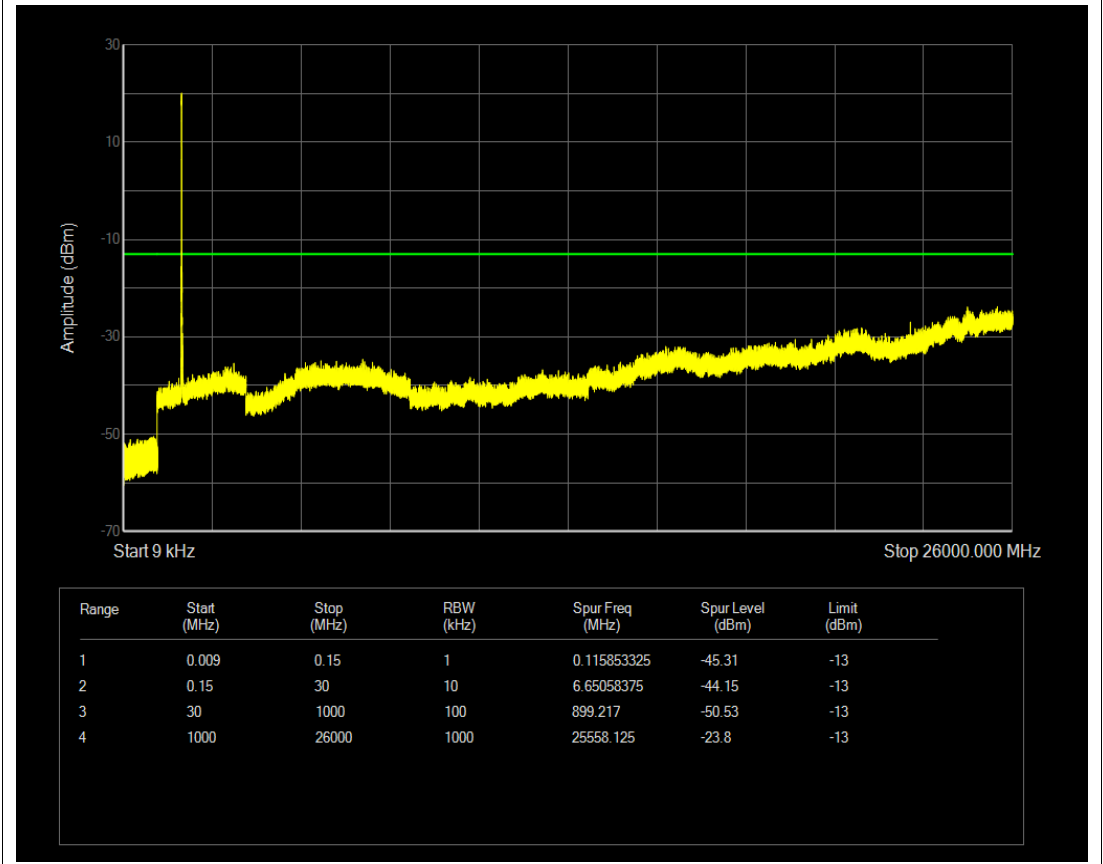
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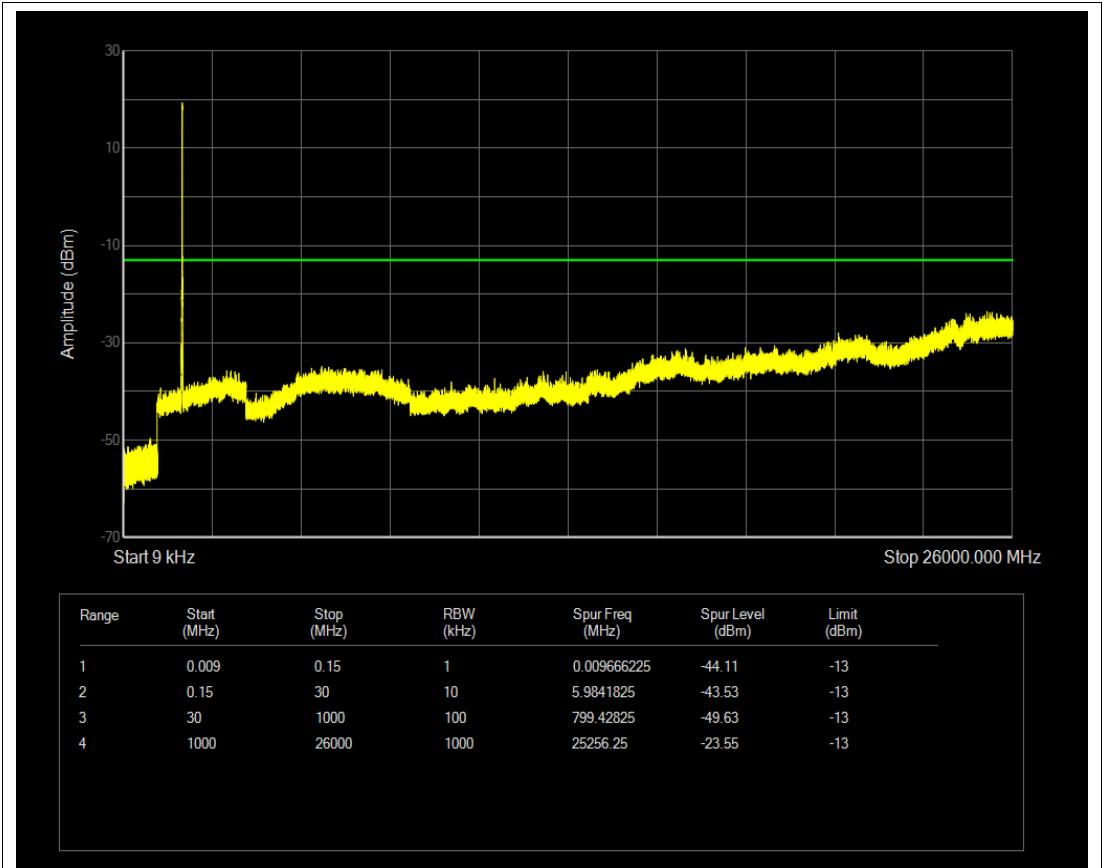
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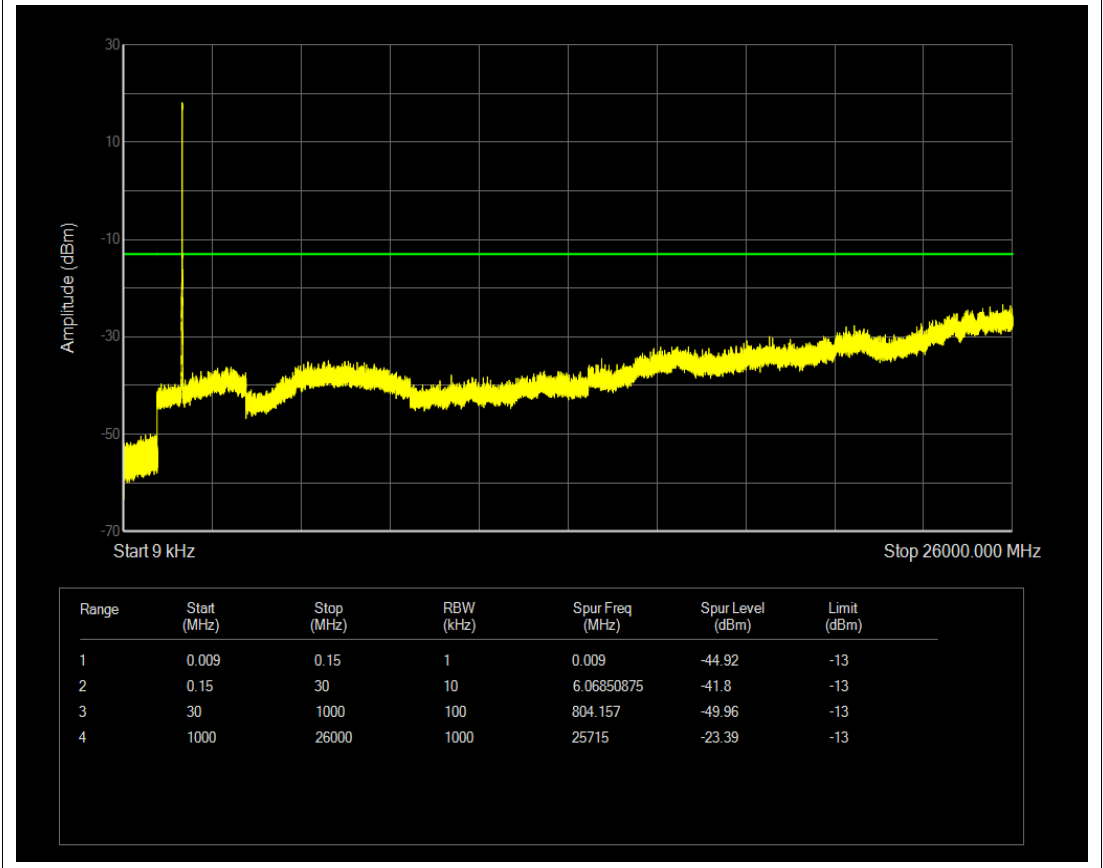
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



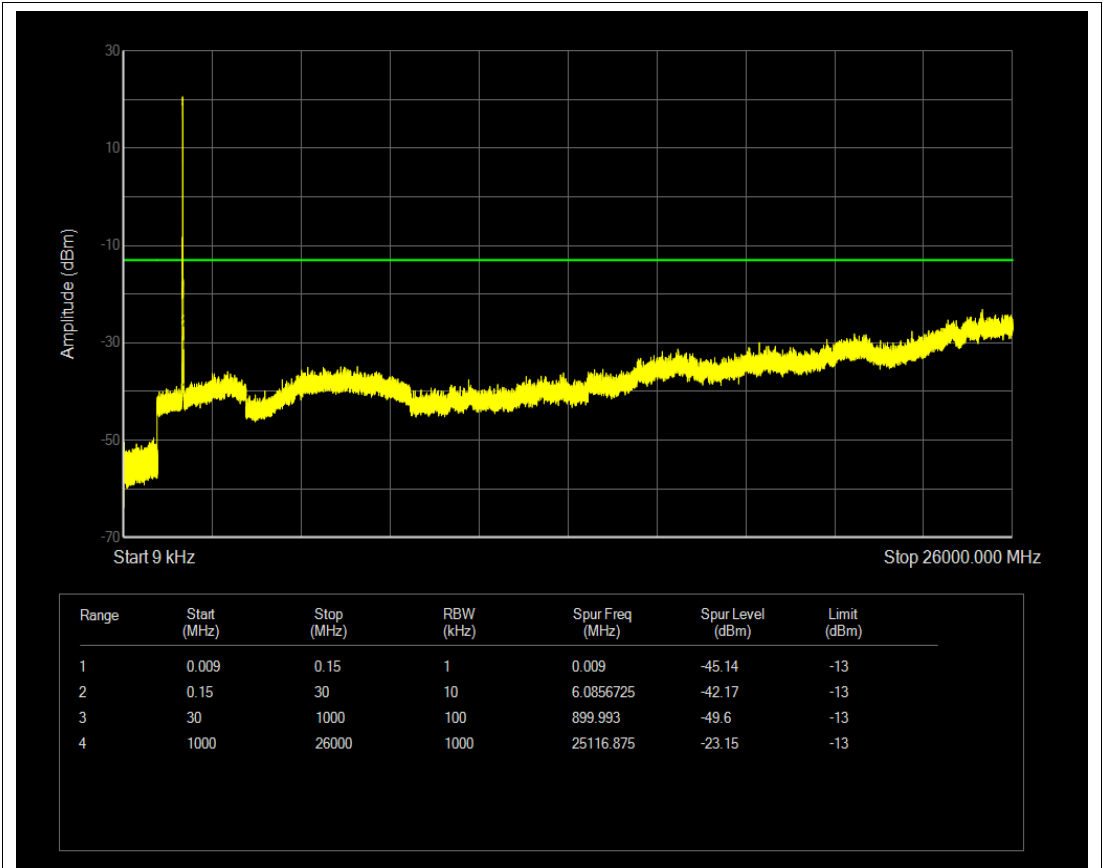
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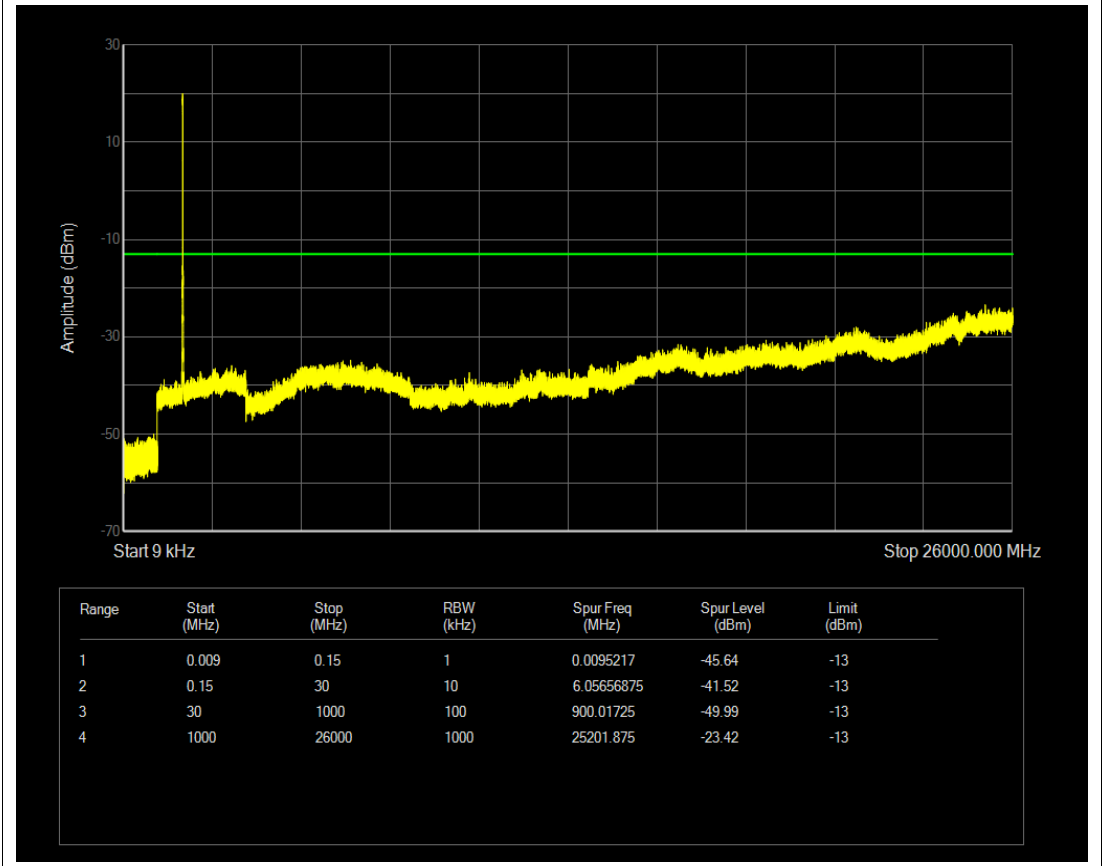
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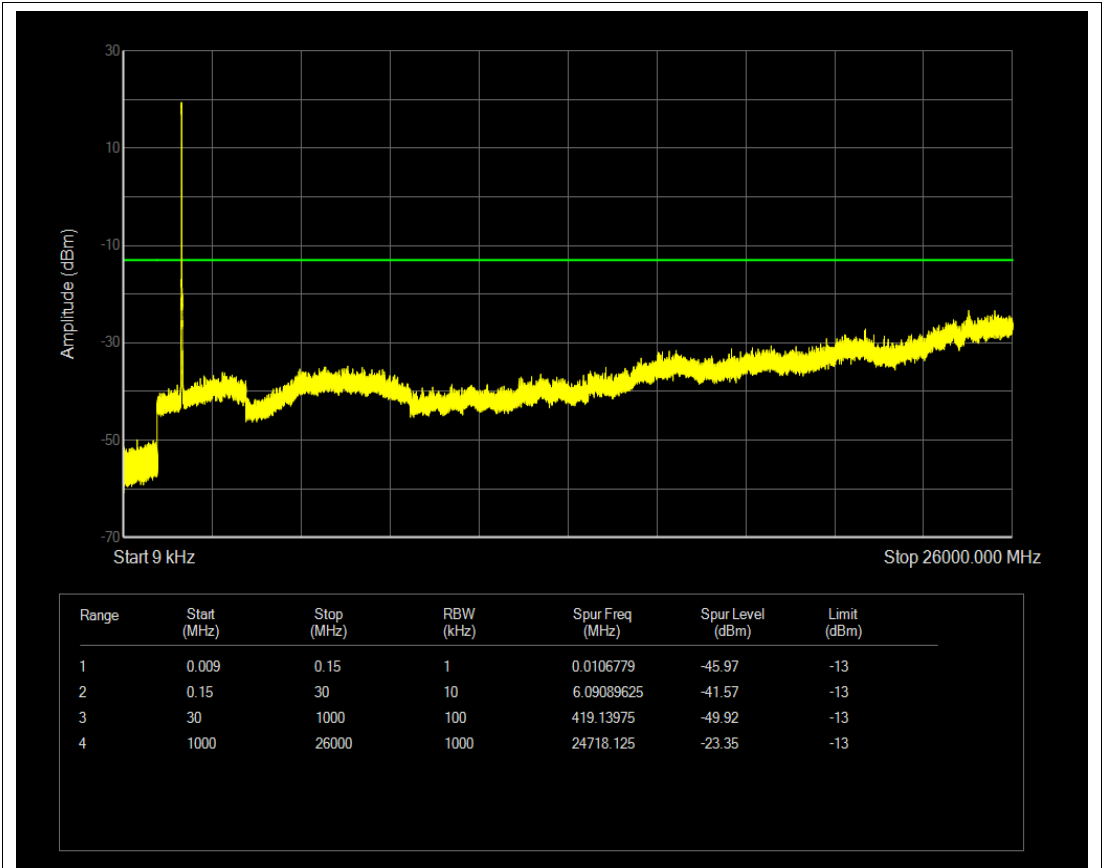
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



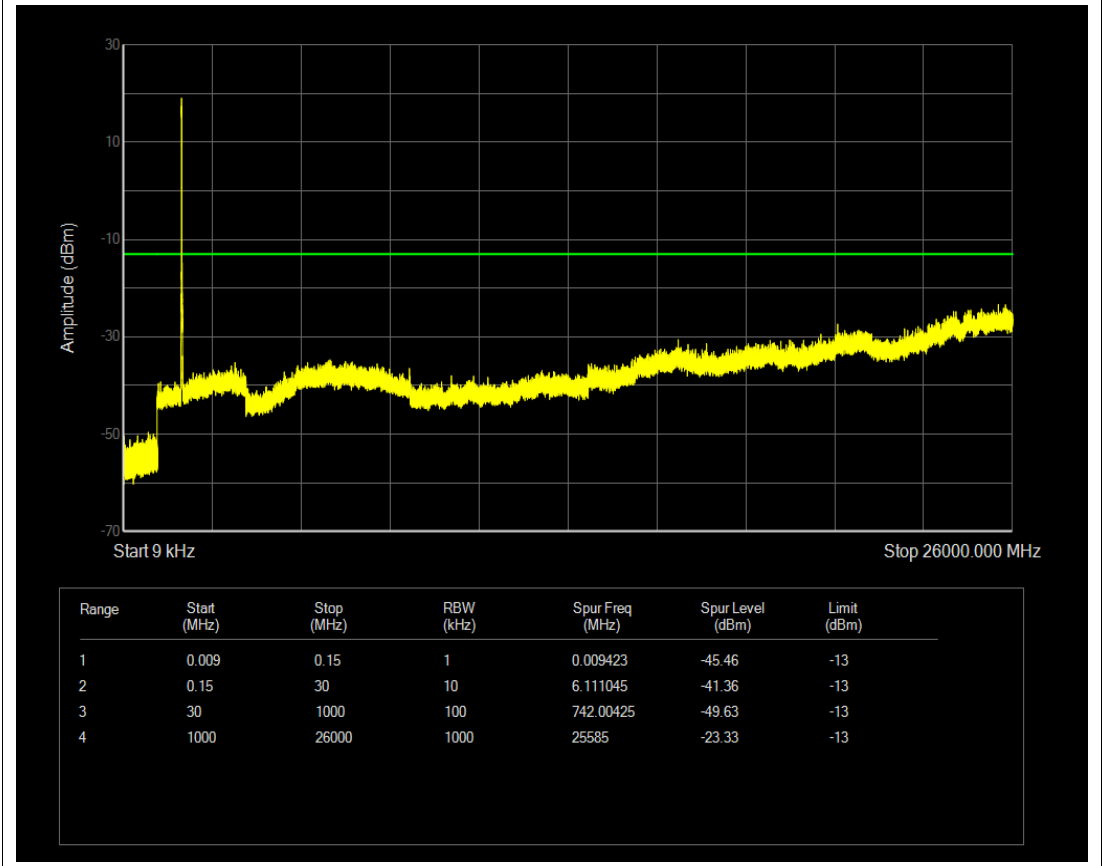
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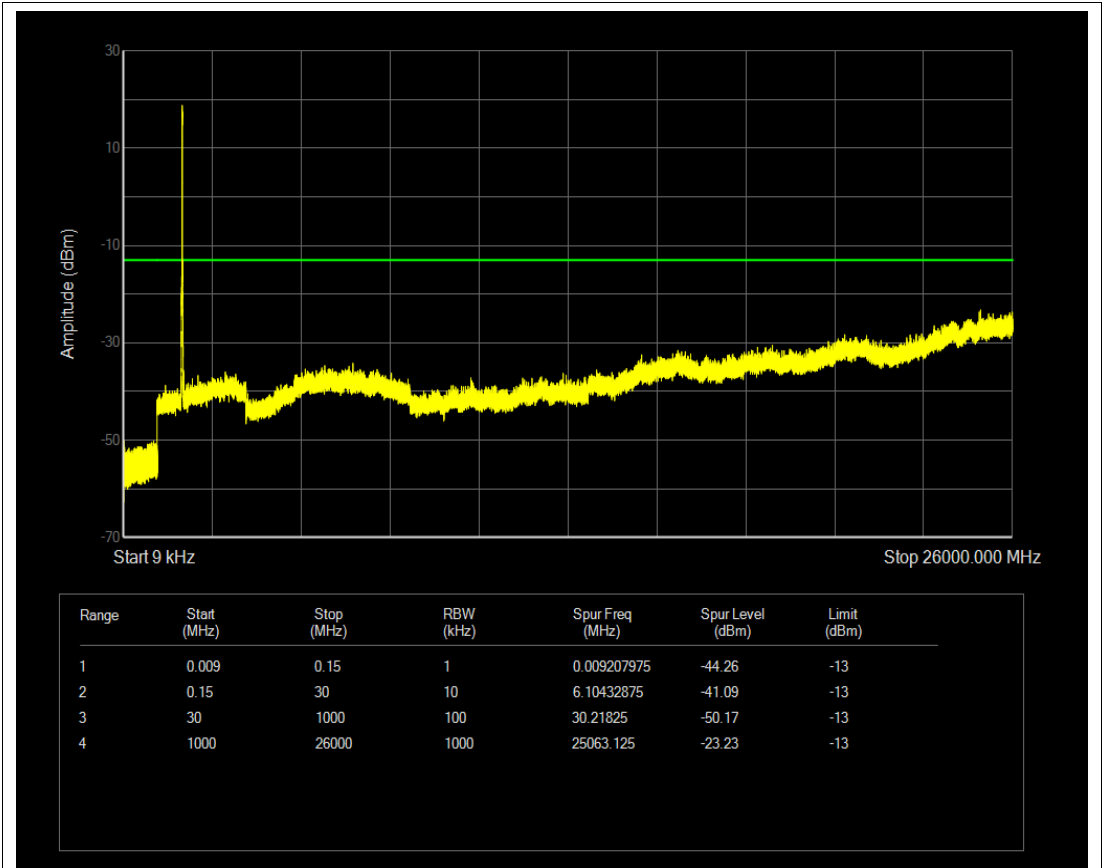
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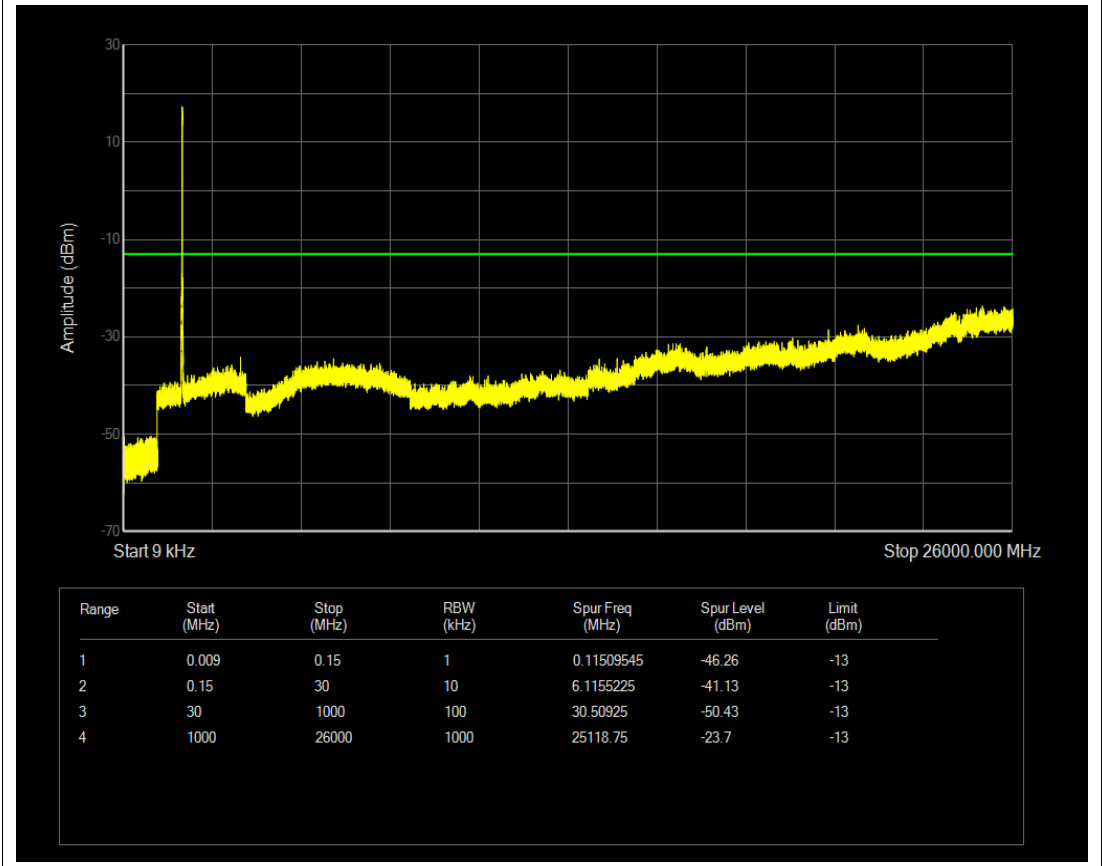
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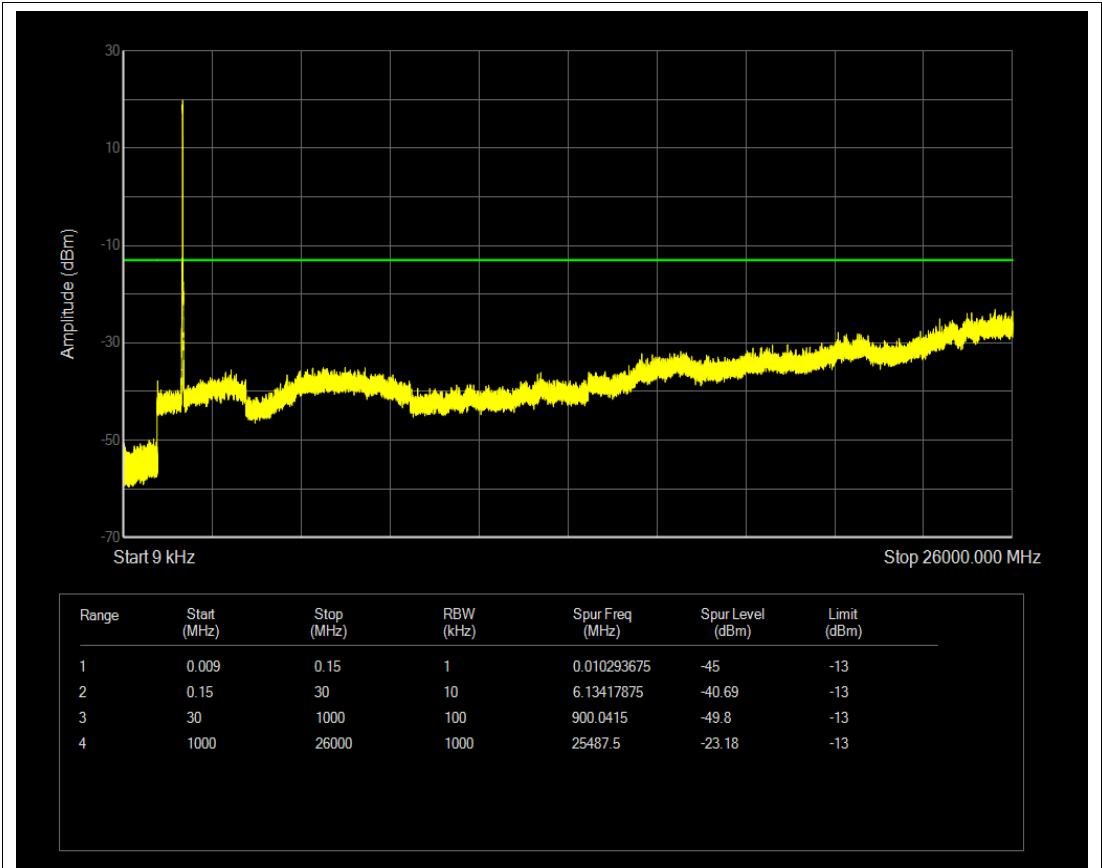
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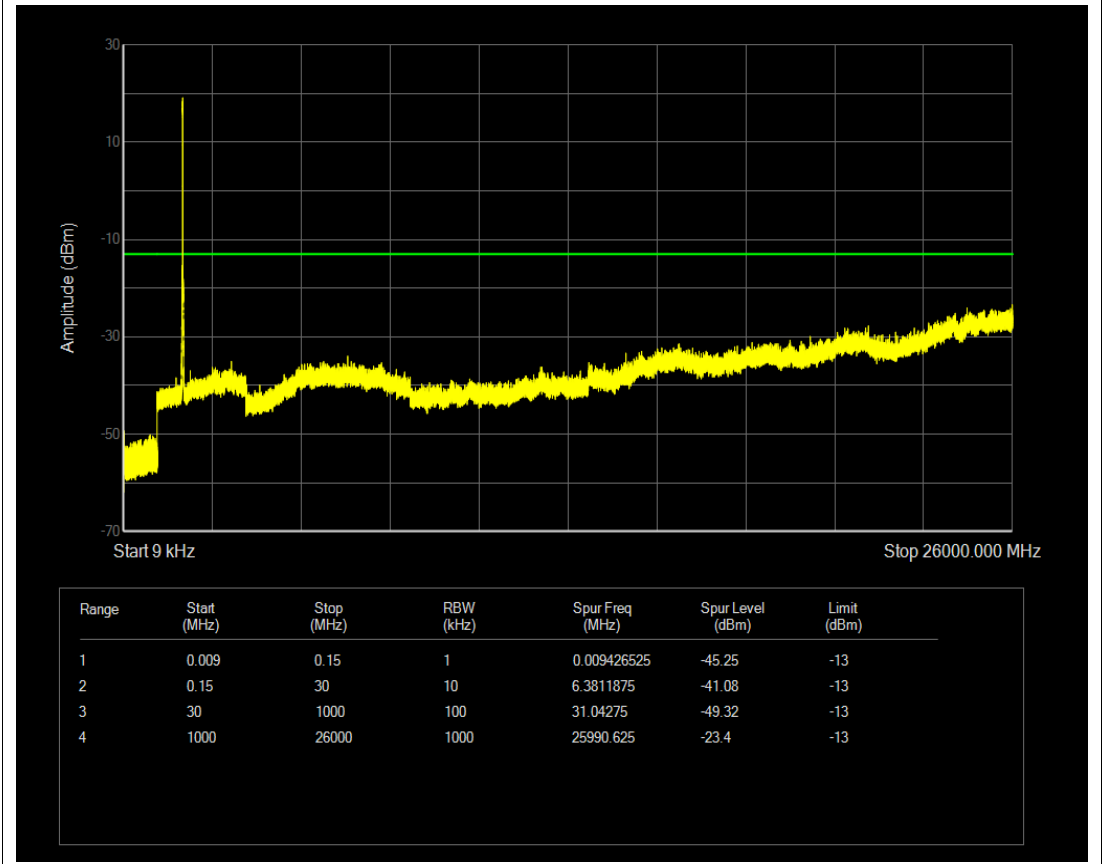
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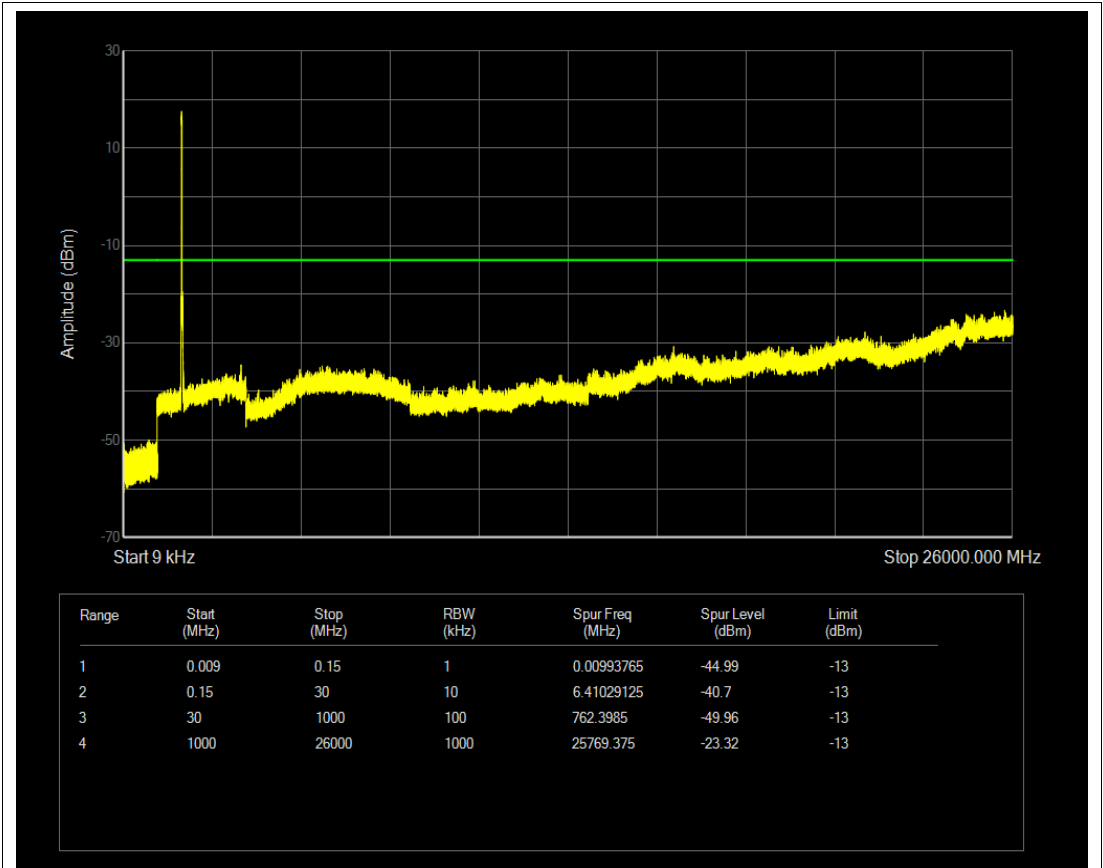
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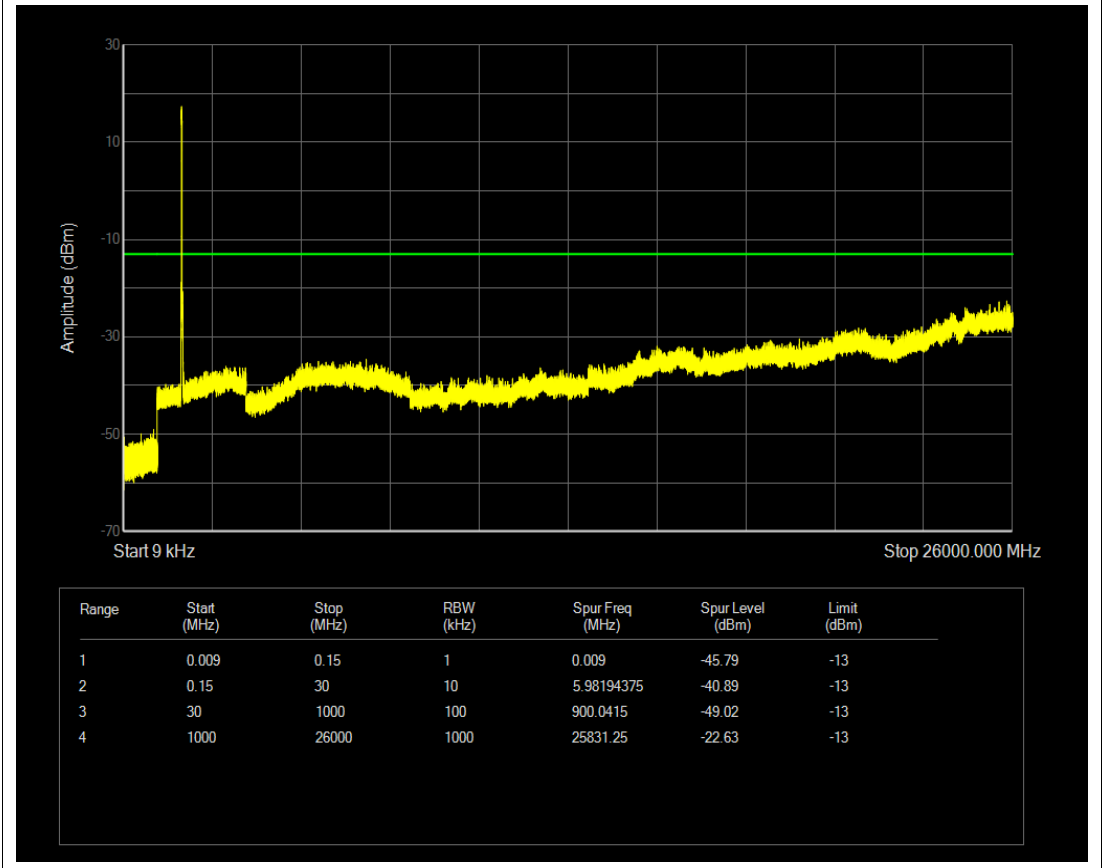
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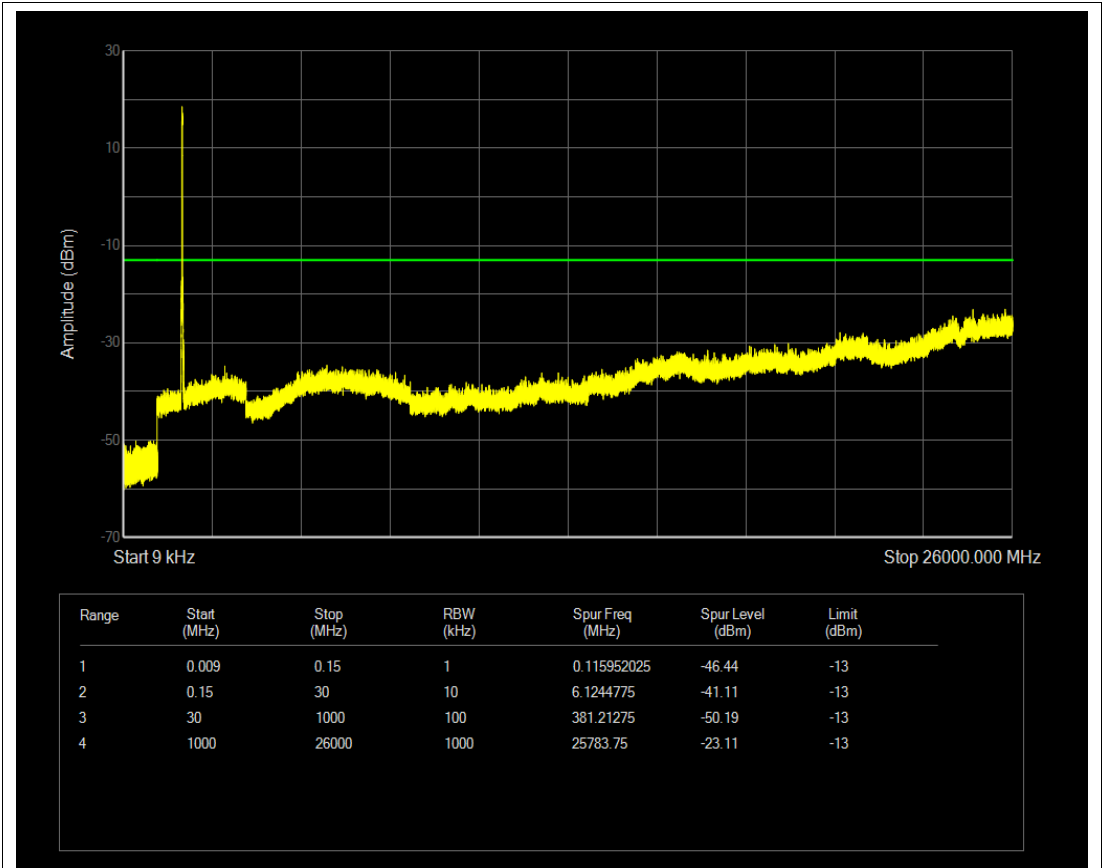
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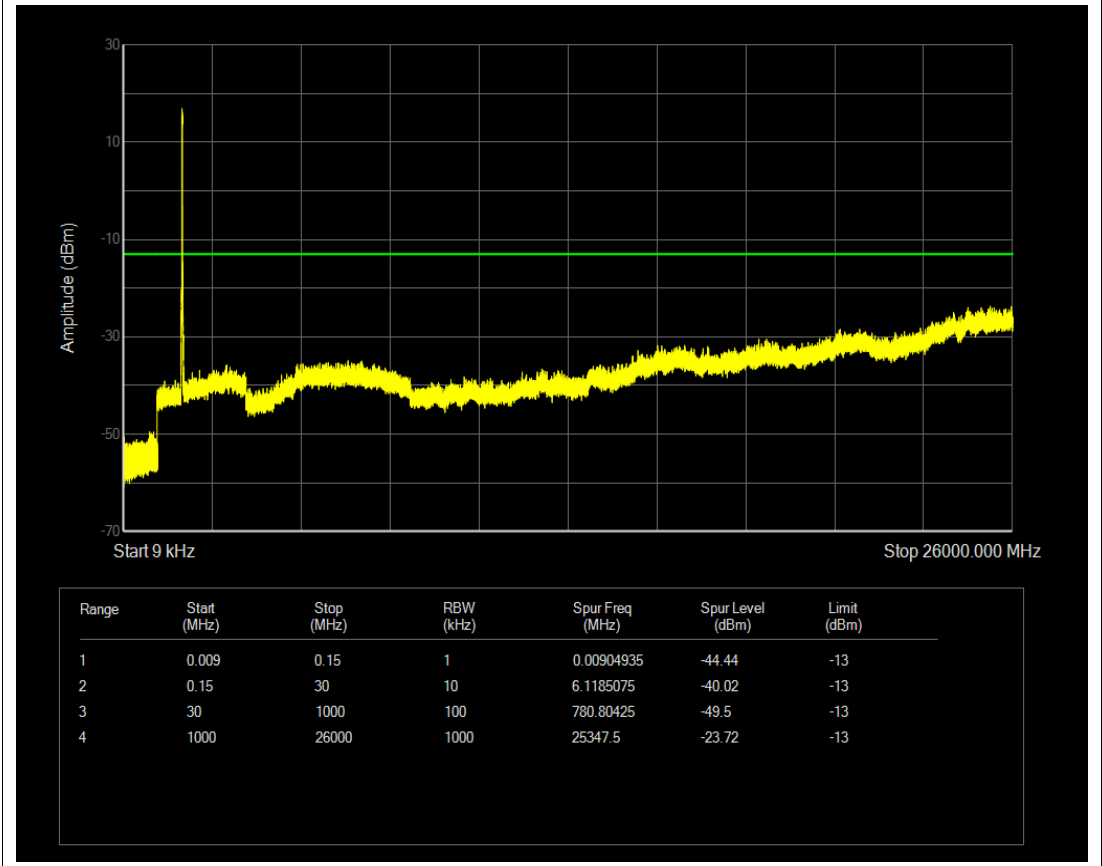
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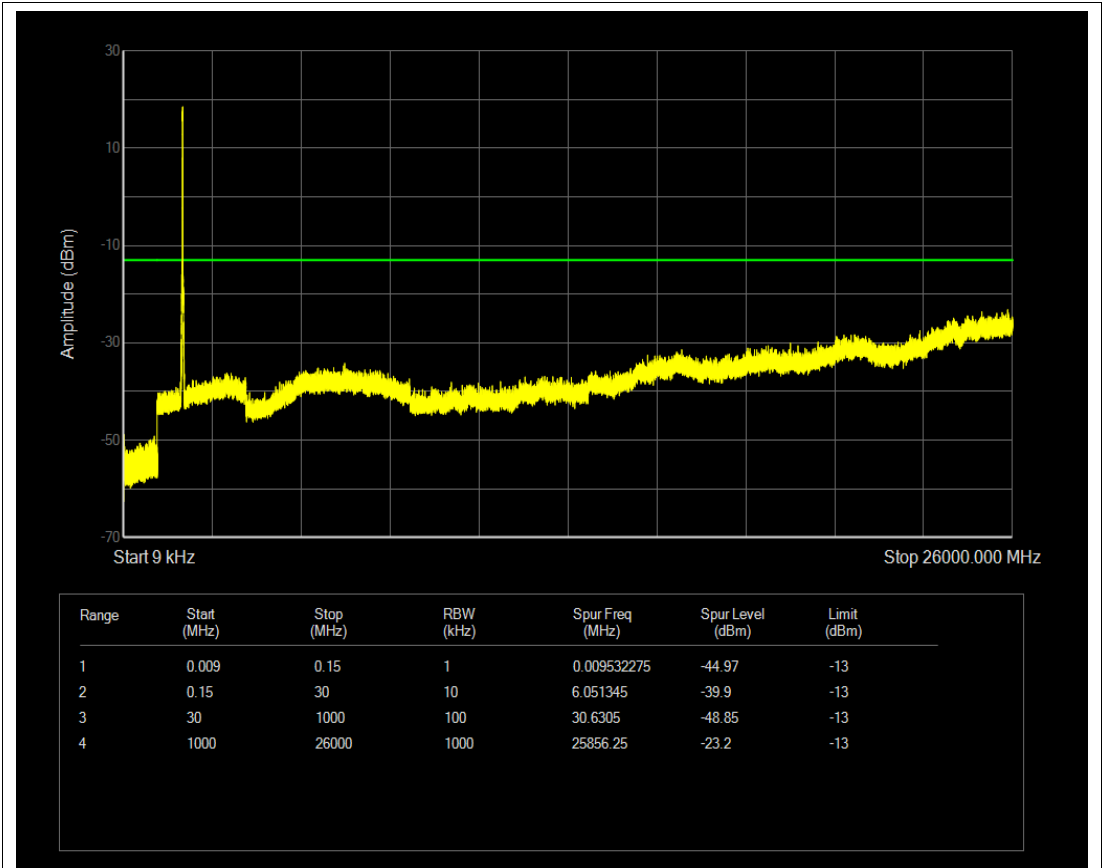
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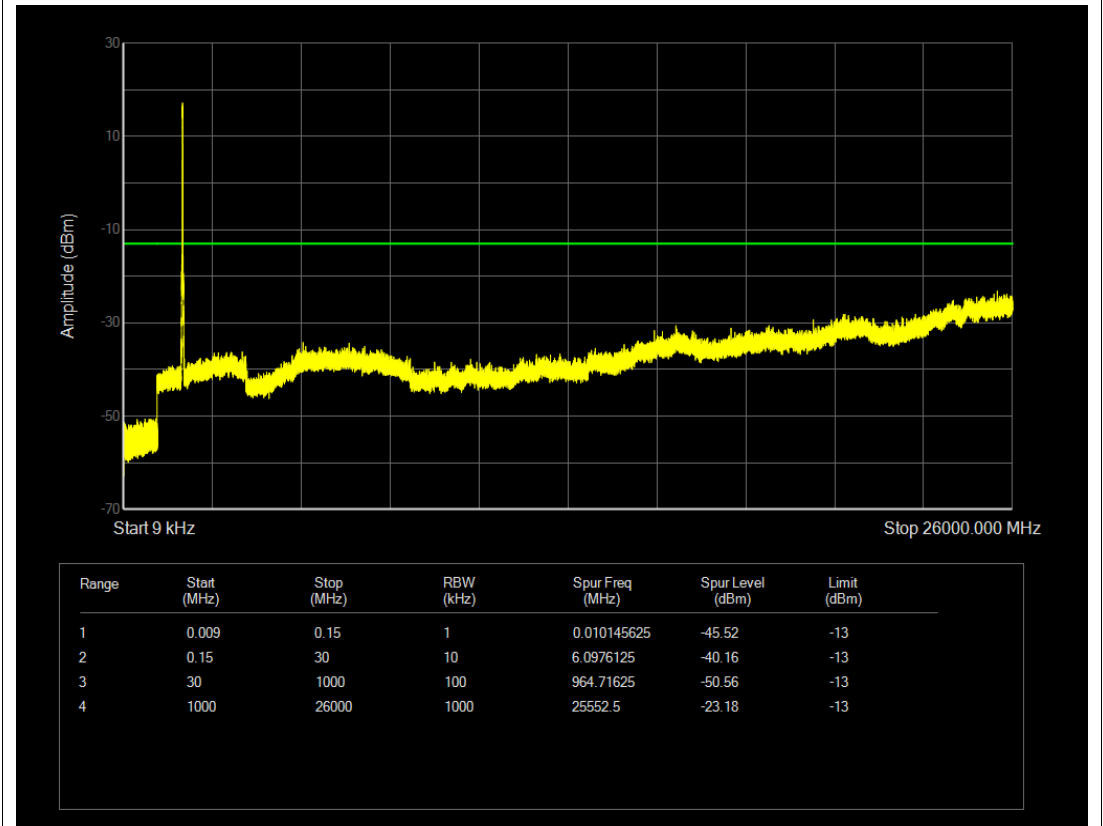
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



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



Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0