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**1 Frequency stability (Voltage:3.45V, Temperature:-10°C) Worst data.**

| Band              | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Result(Hz) | Result<br>(ppm) | Low<br>Limit<br>(ppm) | high<br>Limit<br>(ppm) | Verdict |
|-------------------|--------------------|---------------|------------|----------------|------------|------------|-----------------|-----------------------|------------------------|---------|
| Band41(2535-2655) | 20                 | 40140         | 100        | #0             | QPSK       | 12.05      | 0.005           | -2.5                  | 2.5                    | PASS    |
| Band41(2535-2655) | 20                 | 40140         | 100        | #0             | 16QAM      | 31.05      | 0.012           | -2.5                  | 2.5                    | PASS    |
| Band41(2535-2655) | 20                 | 40640         | 100        | #0             | QPSK       | 34.00      | 0.013           | -2.5                  | 2.5                    | PASS    |
| Band41(2535-2655) | 20                 | 40640         | 100        | #0             | 16QAM      | 27.46      | 0.011           | -2.5                  | 2.5                    | PASS    |
| Band41(2535-2655) | 20                 | 41140         | 100        | #0             | QPSK       | 18.21      | 0.007           | -2.5                  | 2.5                    | PASS    |
| Band41(2535-2655) | 20                 | 41140         | 100        | #0             | 16QAM      | 13.41      | 0.005           | -2.5                  | 2.5                    | PASS    |

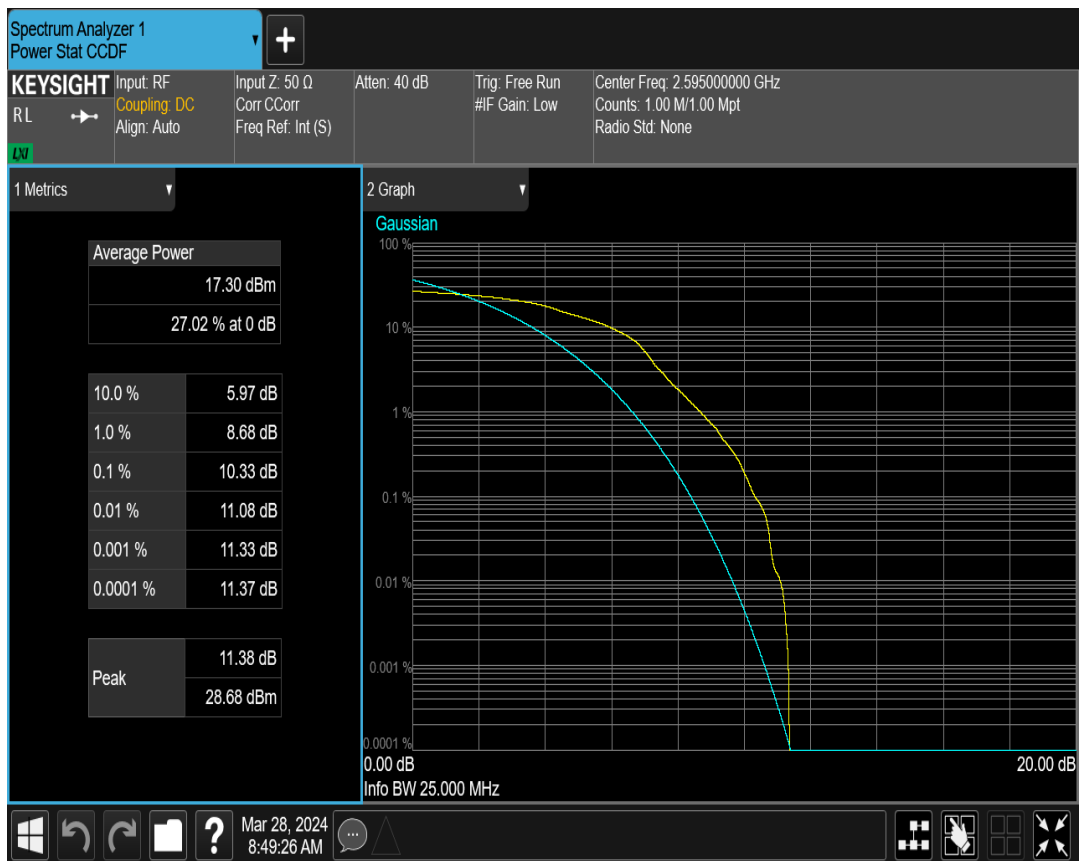
**2 Peak-to-Average Ratio**

| Band              | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Result<br>(dB) | high Limit<br>(dB) | Verdict |
|-------------------|--------------------|---------------|------------|----------------|------------|----------------|--------------------|---------|
| Band41(2535-2655) | 5                  | 40640         | 1          | #0             | QPSK       | 8.61           | 13                 | PASS    |
| Band41(2535-2655) | 5                  | 40640         | 1          | #0             | 16QAM      | 9.43           | 13                 | PASS    |
| Band41(2535-2655) | 10                 | 40640         | 1          | #0             | QPSK       | 11.03          | 13                 | PASS    |
| Band41(2535-2655) | 10                 | 40640         | 1          | #0             | 16QAM      | 10.36          | 13                 | PASS    |
| Band41(2535-2655) | 15                 | 40640         | 1          | #0             | QPSK       | 9.88           | 13                 | PASS    |
| Band41(2535-2655) | 15                 | 40640         | 1          | #0             | 16QAM      | 10.33          | 13                 | PASS    |
| Band41(2535-2655) | 20                 | 40640         | 1          | #0             | QPSK       | 8.32           | 13                 | PASS    |
| Band41(2535-2655) | 20                 | 40640         | 1          | #0             | 16QAM      | 9.44           | 13                 | PASS    |

Band41(2535-2655) 16QAM BW=10MHz Channel=40640 RB Size=1 Position=#0



Band41(2535-2655) 16QAM BW=15MHz Channel=40640 RB Size=1 Position=#0



Band41(2535-2655) 16QAM BW=20MHz Channel=40640 RB Size=1 Position=#0



Band41(2535-2655) 16QAM BW=5MHz Channel=40640 RB Size=1 Position=#0



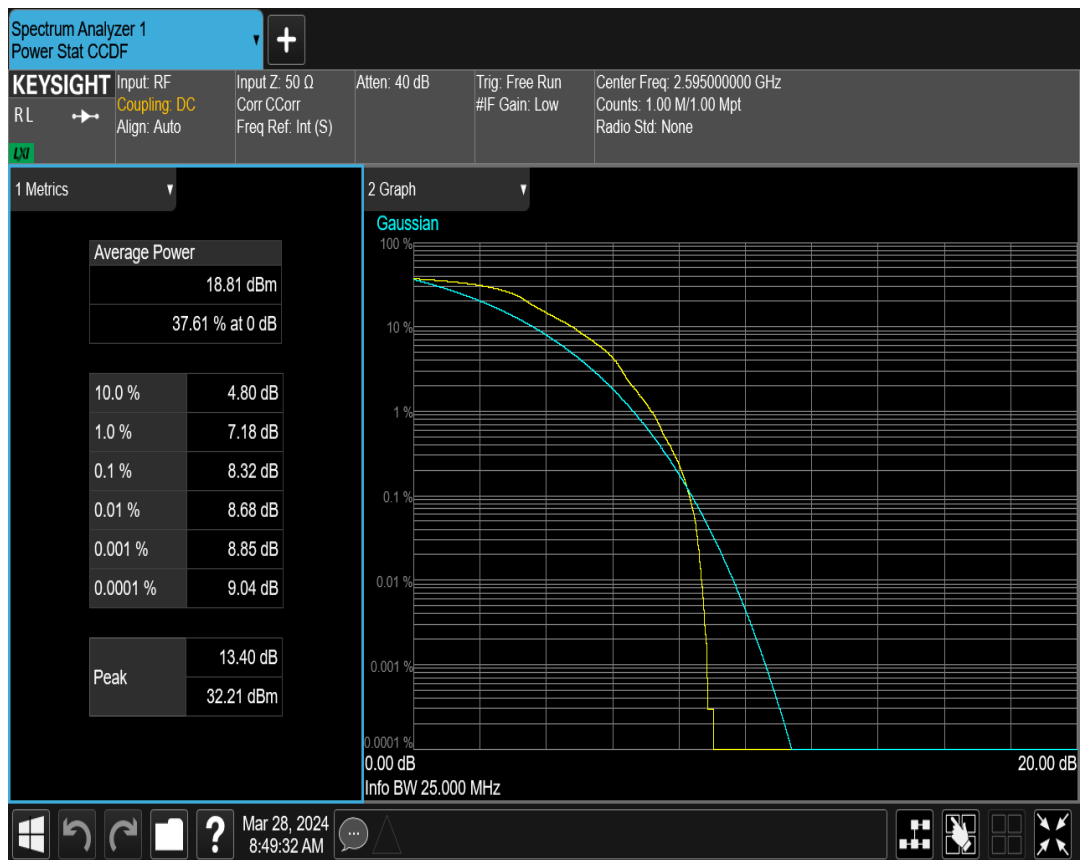
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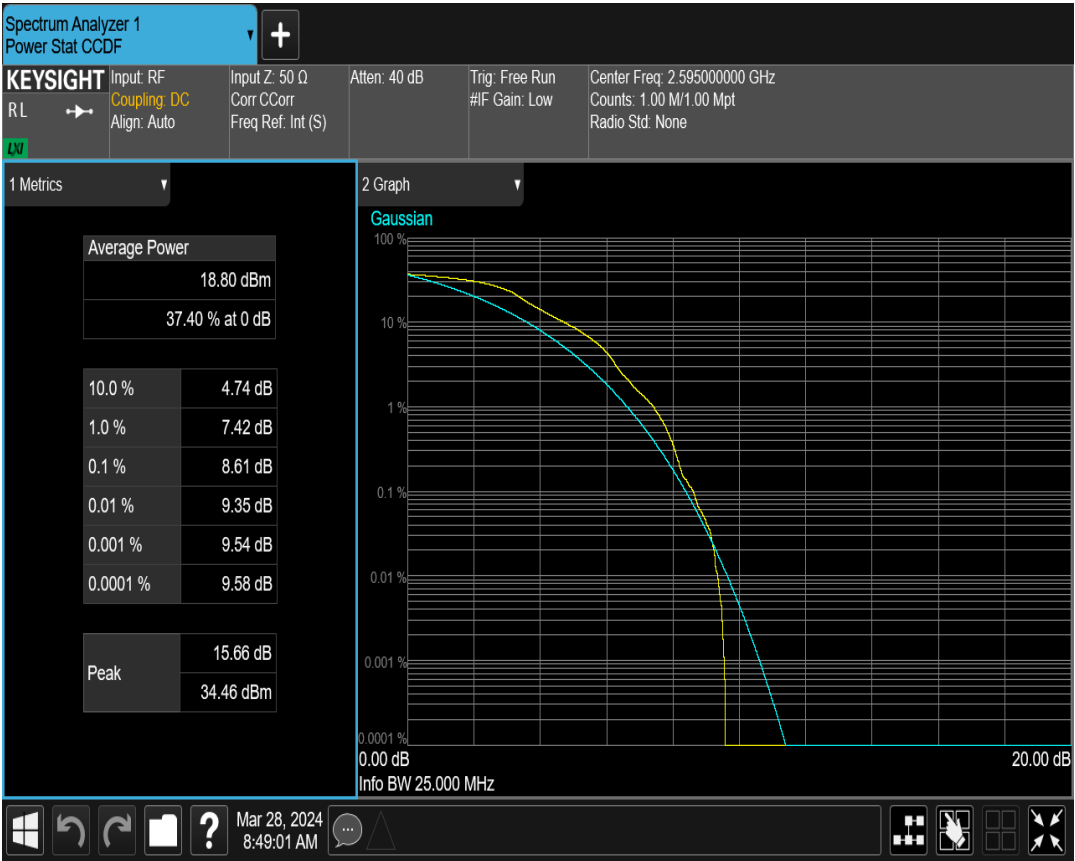
Band41(2535-2655) QPSK BW=15MHz Channel=40640 RB Size=1 Position=#0



Band41(2535-2655) QPSK BW=20MHz Channel=40640 RB Size=1 Position=#0



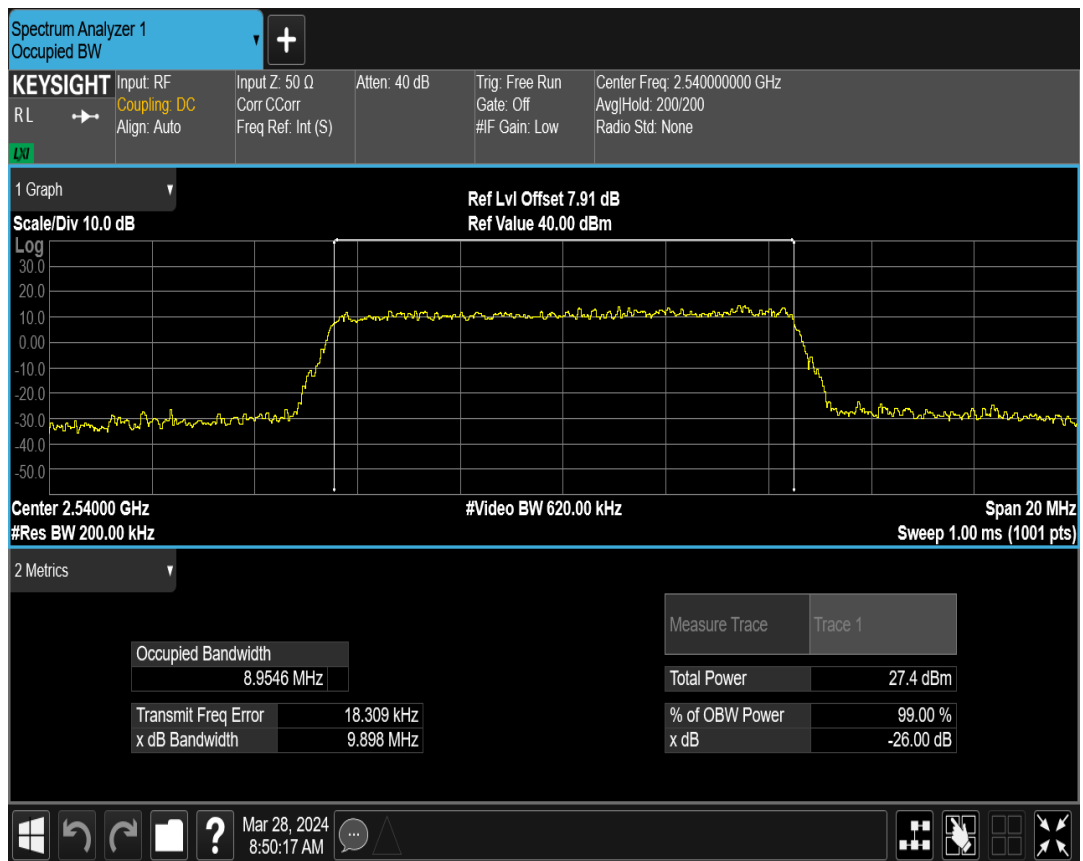
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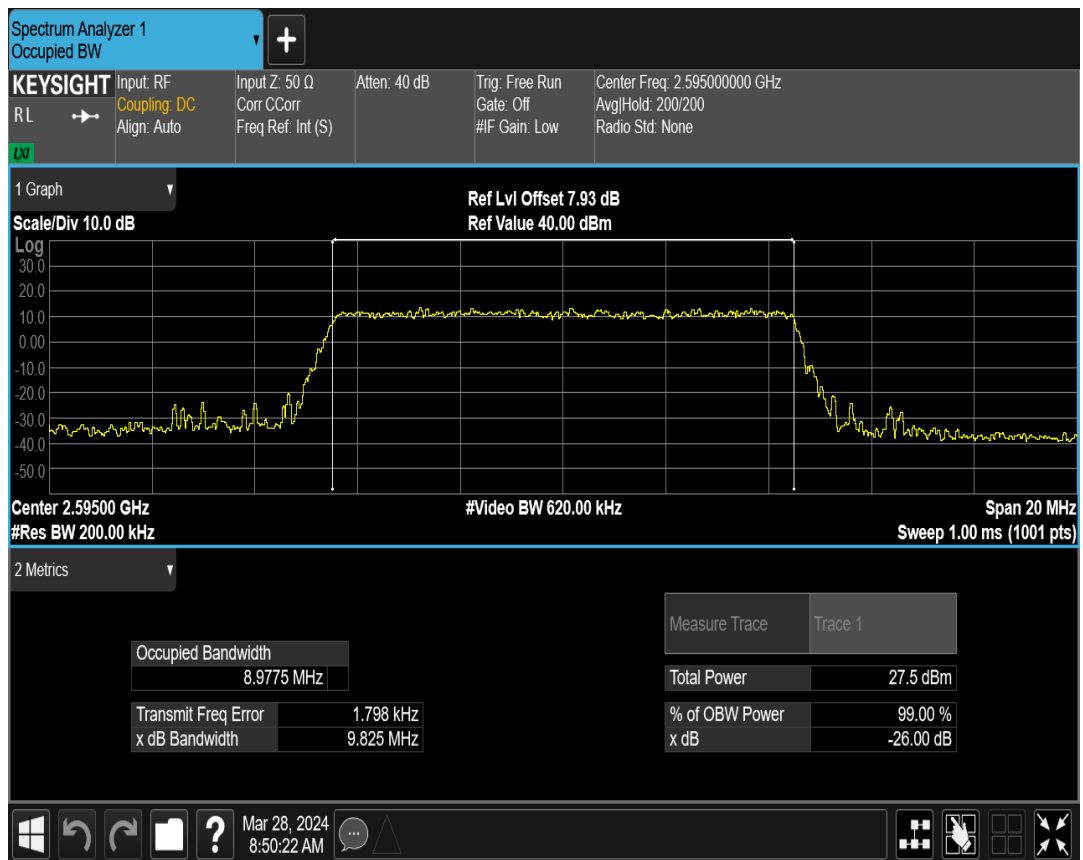
**3 Occupied bandwidth**

| Band              | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | 99% OBW<br>(MHz) | -26dB EBW<br>(MHz) | Verdict |
|-------------------|--------------------|---------------|------------|----------------|------------|------------------|--------------------|---------|
| Band41(2535-2655) | 5                  | 40065         | 25         | #0             | QPSK       | 4.505            | 4.899              | PASS    |
| Band41(2535-2655) | 5                  | 40065         | 25         | #0             | 16QAM      | 4.491            | 4.910              | PASS    |
| Band41(2535-2655) | 5                  | 40640         | 25         | #0             | QPSK       | 4.501            | 4.936              | PASS    |
| Band41(2535-2655) | 5                  | 40640         | 25         | #0             | 16QAM      | 4.499            | 4.902              | PASS    |
| Band41(2535-2655) | 5                  | 41215         | 25         | #0             | QPSK       | 4.509            | 4.884              | PASS    |
| Band41(2535-2655) | 5                  | 41215         | 25         | #0             | 16QAM      | 4.503            | 4.978              | PASS    |
| Band41(2535-2655) | 10                 | 40090         | 50         | #0             | QPSK       | 8.989            | 9.812              | PASS    |
| Band41(2535-2655) | 10                 | 40090         | 50         | #0             | 16QAM      | 8.955            | 9.898              | PASS    |
| Band41(2535-2655) | 10                 | 40640         | 50         | #0             | QPSK       | 8.968            | 9.860              | PASS    |
| Band41(2535-2655) | 10                 | 40640         | 50         | #0             | 16QAM      | 8.978            | 9.825              | PASS    |
| Band41(2535-2655) | 10                 | 41190         | 50         | #0             | QPSK       | 9.022            | 9.797              | PASS    |
| Band41(2535-2655) | 10                 | 41190         | 50         | #0             | 16QAM      | 8.990            | 9.829              | PASS    |
| Band41(2535-2655) | 15                 | 40115         | 75         | #0             | QPSK       | 13.472           | 14.661             | PASS    |
| Band41(2535-2655) | 15                 | 40115         | 75         | #0             | 16QAM      | 13.486           | 14.838             | PASS    |
| Band41(2535-2655) | 15                 | 40640         | 75         | #0             | QPSK       | 13.448           | 14.636             | PASS    |
| Band41(2535-2655) | 15                 | 40640         | 75         | #0             | 16QAM      | 13.444           | 14.681             | PASS    |
| Band41(2535-2655) | 15                 | 41165         | 75         | #0             | QPSK       | 13.424           | 14.818             | PASS    |
| Band41(2535-2655) | 15                 | 41165         | 75         | #0             | 16QAM      | 13.410           | 14.682             | PASS    |
| Band41(2535-2655) | 20                 | 40140         | 100        | #0             | QPSK       | 17.977           | 19.326             | PASS    |
| Band41(2535-2655) | 20                 | 40140         | 100        | #0             | 16QAM      | 17.906           | 19.596             | PASS    |
| Band41(2535-2655) | 20                 | 40640         | 100        | #0             | QPSK       | 17.977           | 19.331             | PASS    |
| Band41(2535-2655) | 20                 | 40640         | 100        | #0             | 16QAM      | 17.973           | 19.434             | PASS    |
| Band41(2535-2655) | 20                 | 41140         | 100        | #0             | QPSK       | 17.924           | 19.691             | PASS    |
| Band41(2535-2655) | 20                 | 41140         | 100        | #0             | 16QAM      | 17.947           | 19.387             | PASS    |

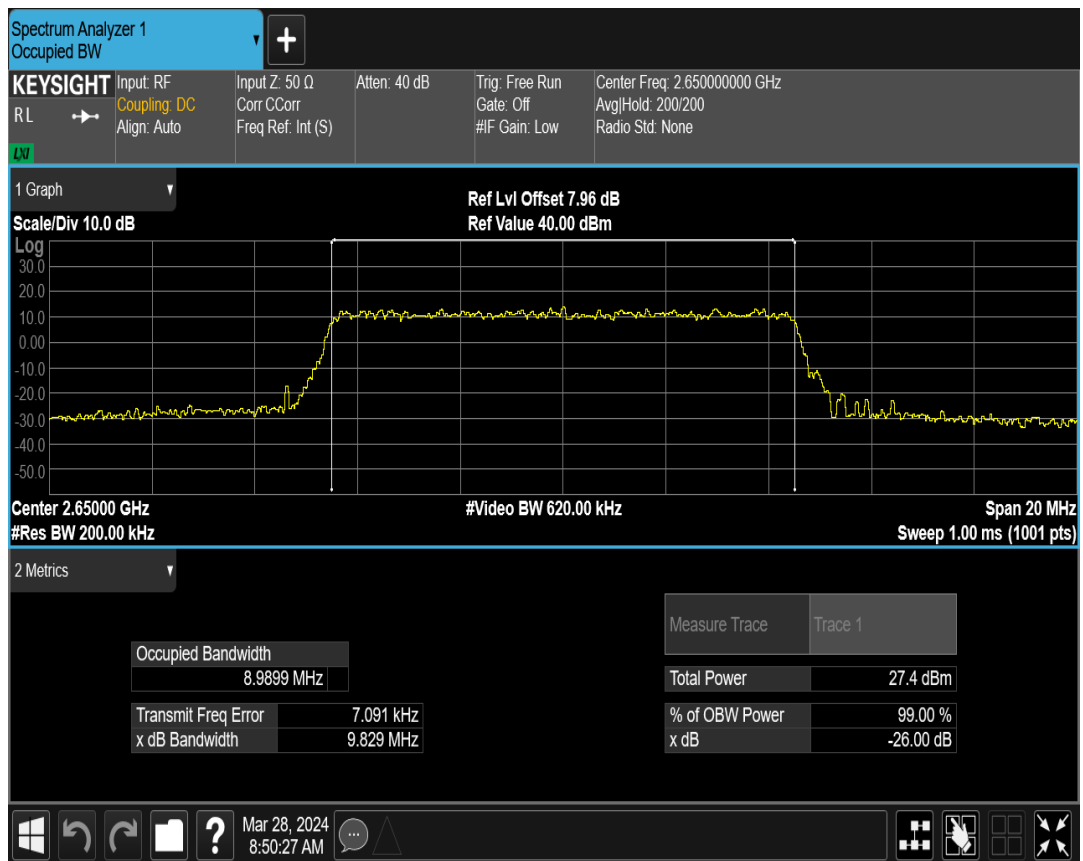
Band41(2535-2655) 16QAM BW=10MHz Channel=40090 RB Size=50 Position=#0



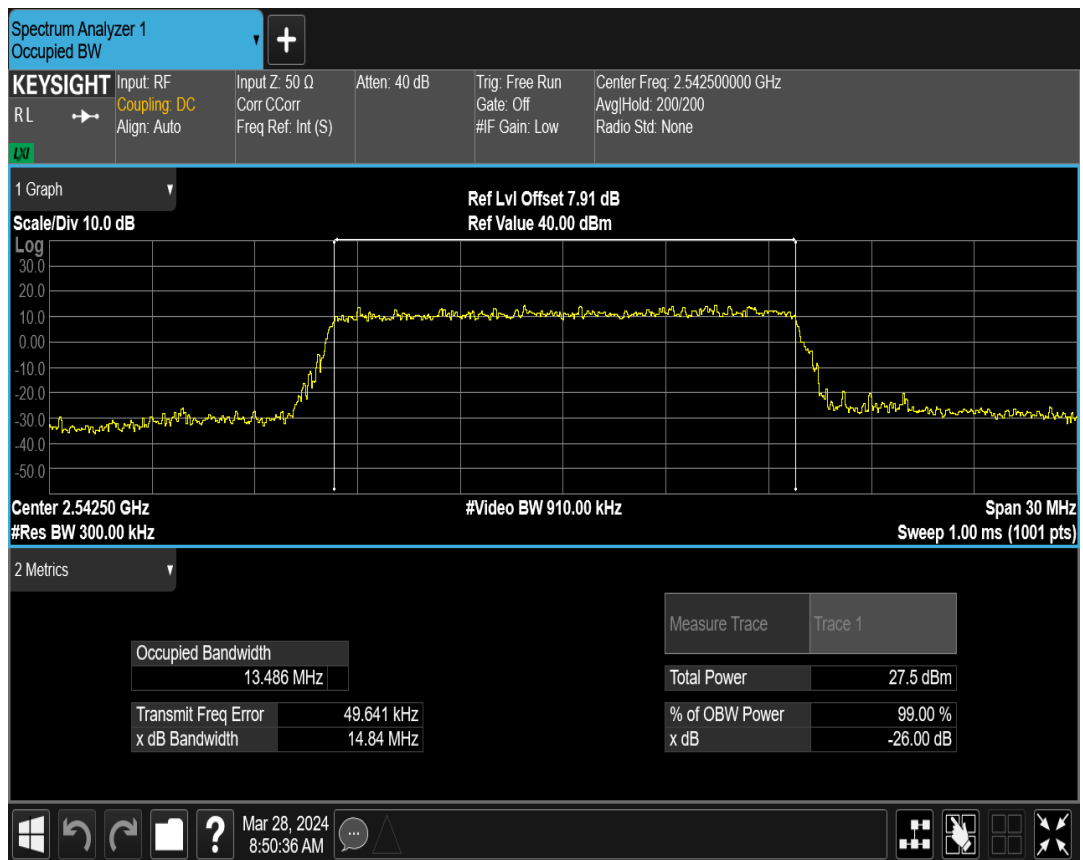
Band41(2535-2655) 16QAM BW=10MHz Channel=40640 RB Size=50 Position=#0



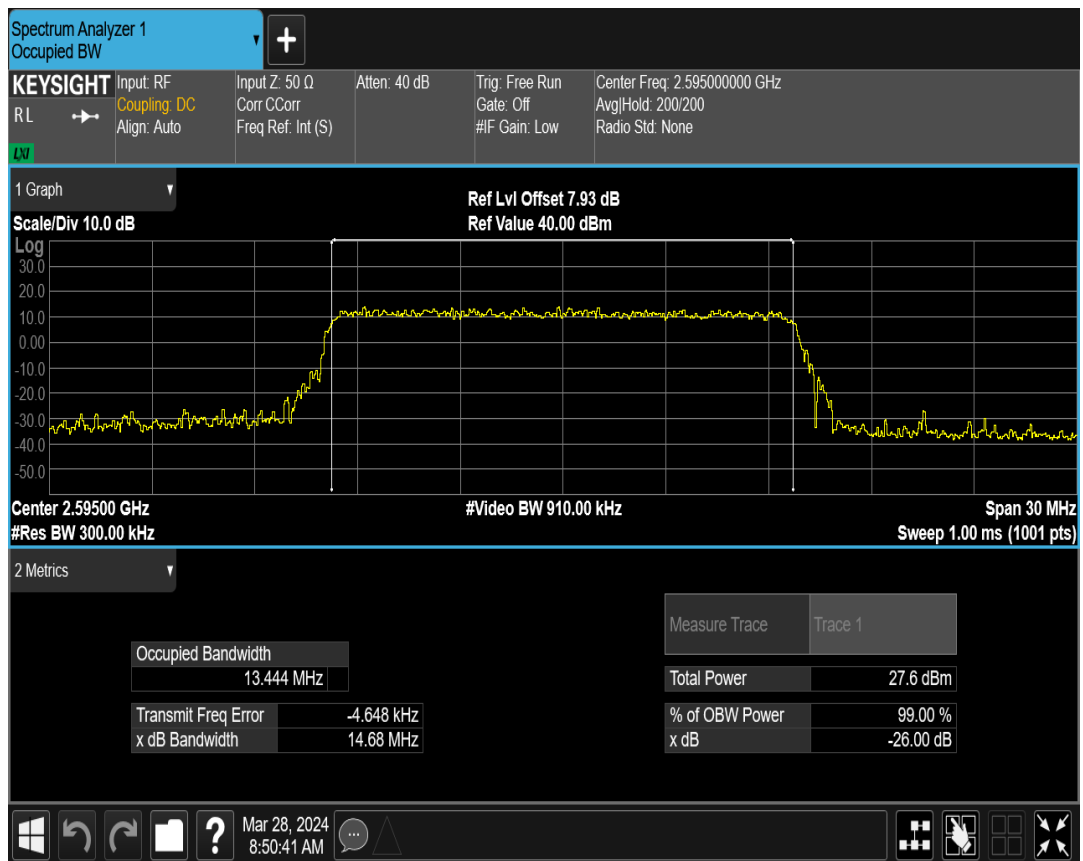
Band41(2535-2655) 16QAM BW=10MHz Channel=41190 RB Size=50 Position=#0



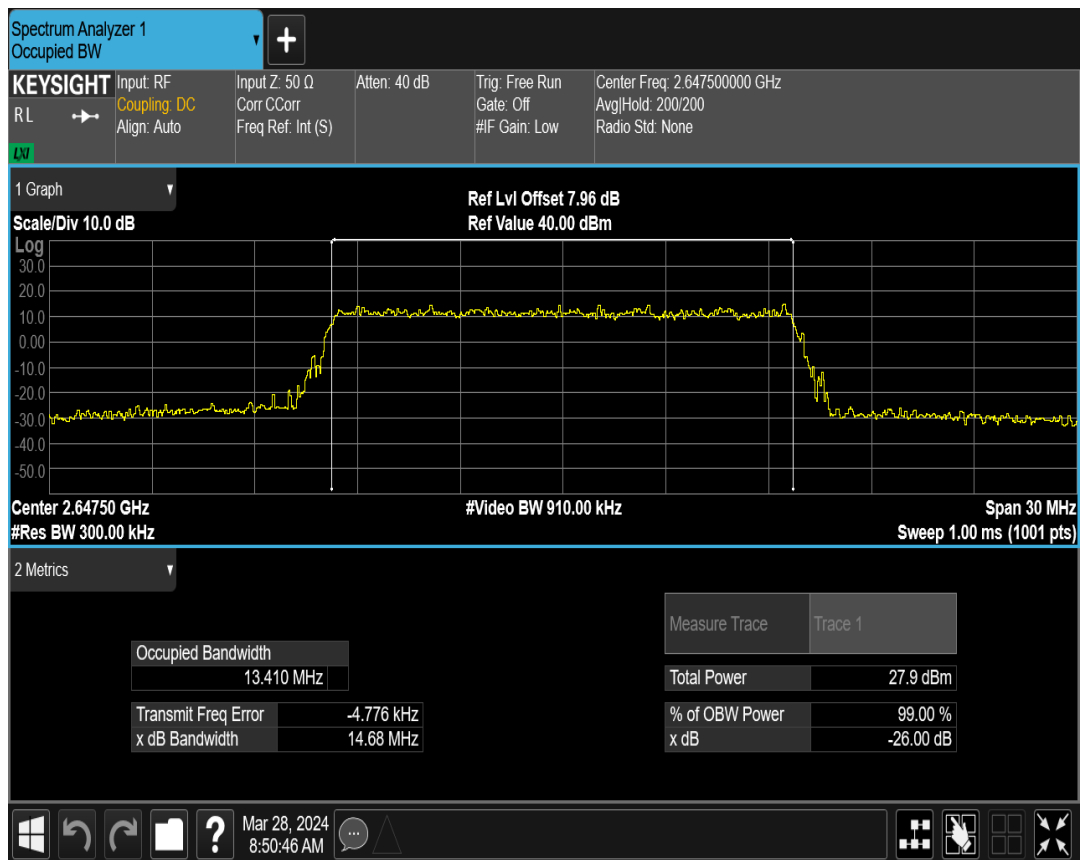
Band41(2535-2655) 16QAM BW=15MHz Channel=40115 RB Size=75 Position=#0



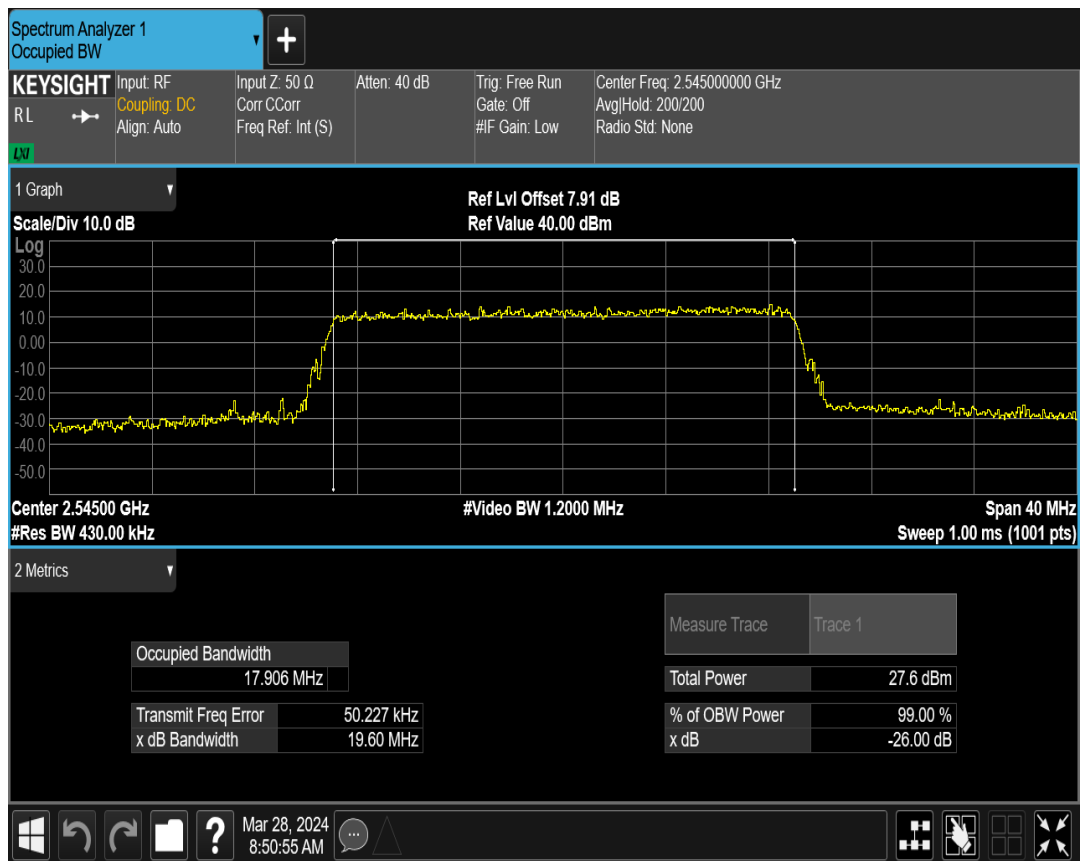
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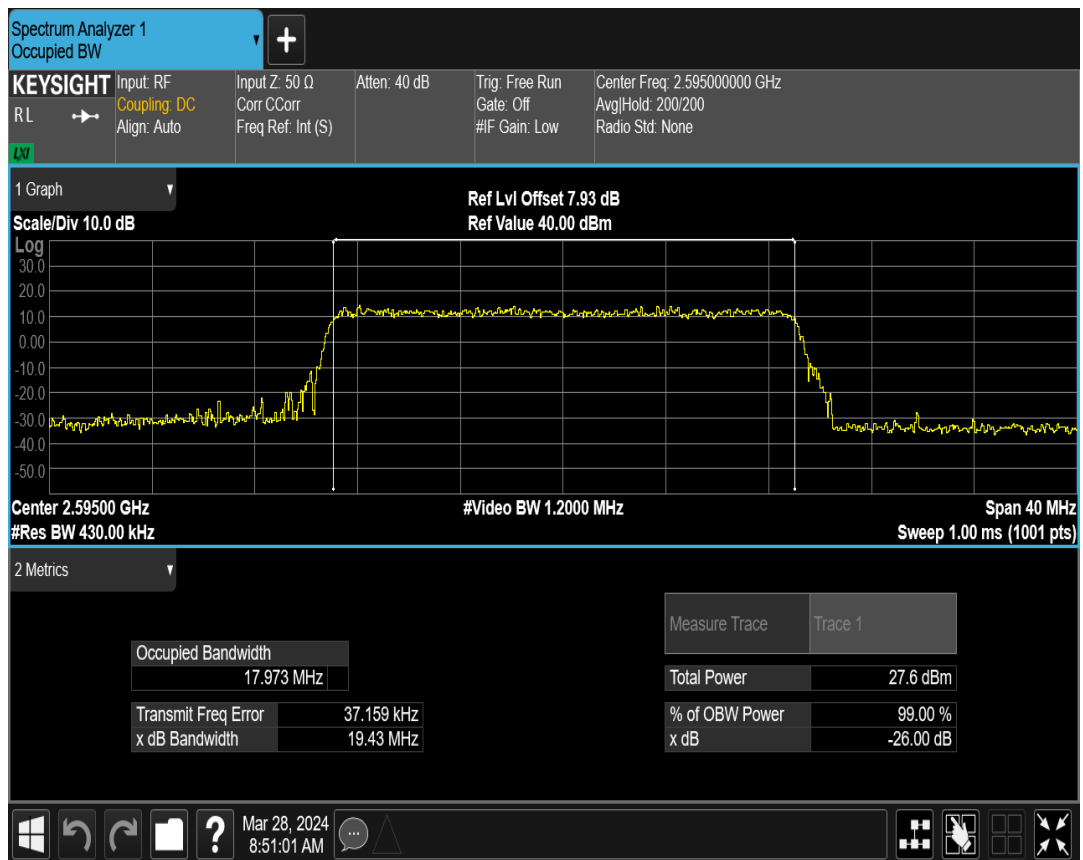
Band41(2535-2655) 16QAM BW=15MHz Channel=41165 RB Size=75 Position=#0



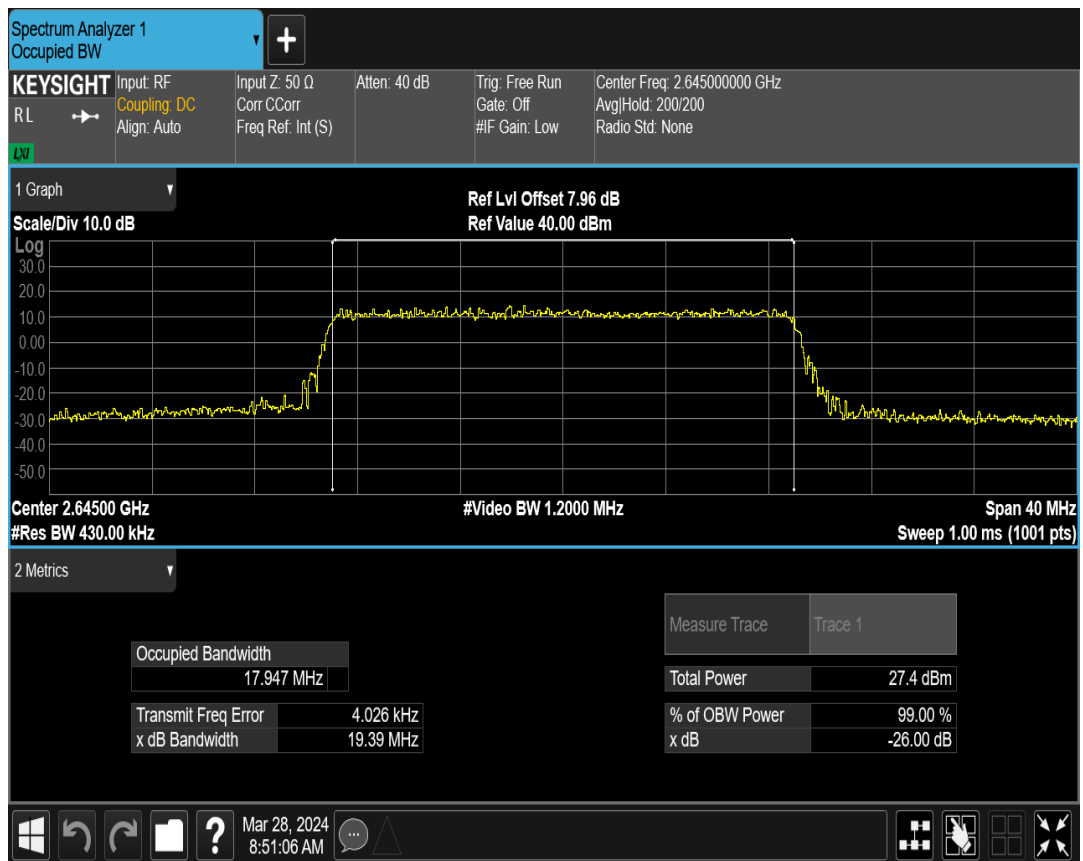
Band41(2535-2655) 16QAM BW=20MHz Channel=40140 RB Size=100 Position=#0



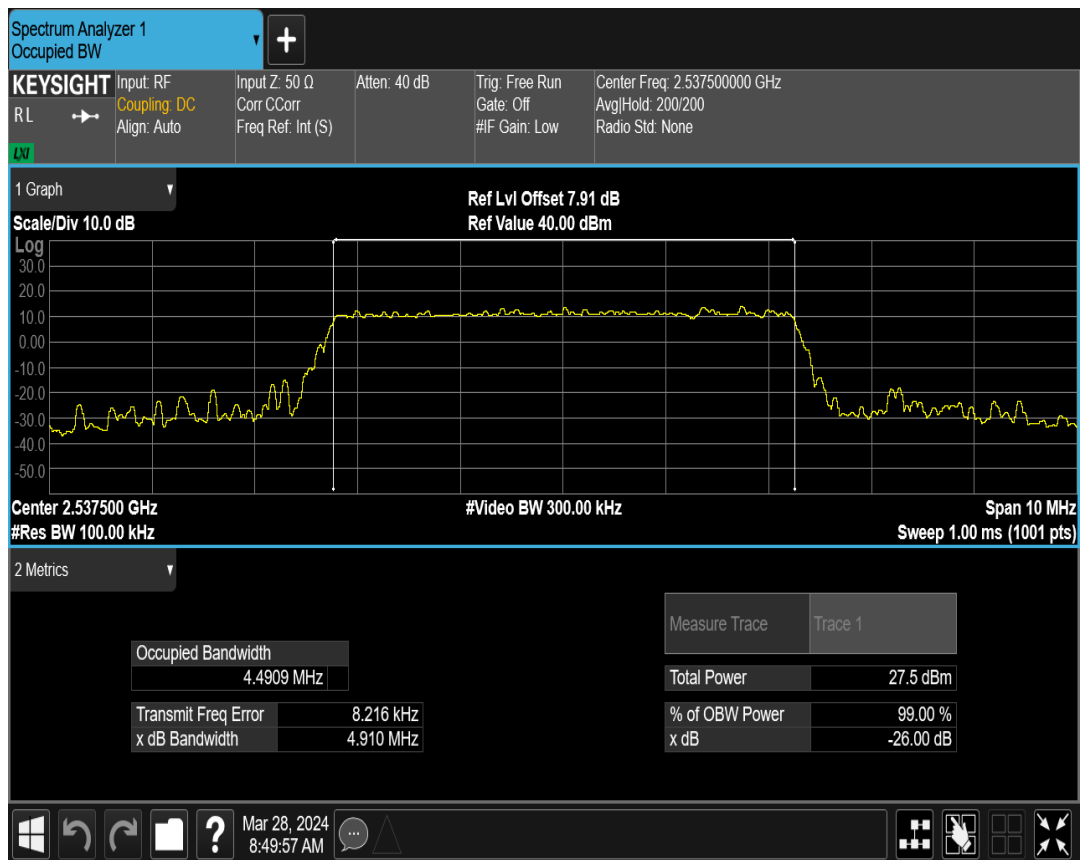
Band41(2535-2655) 16QAM BW=20MHz Channel=40640 RB Size=100 Position=#0



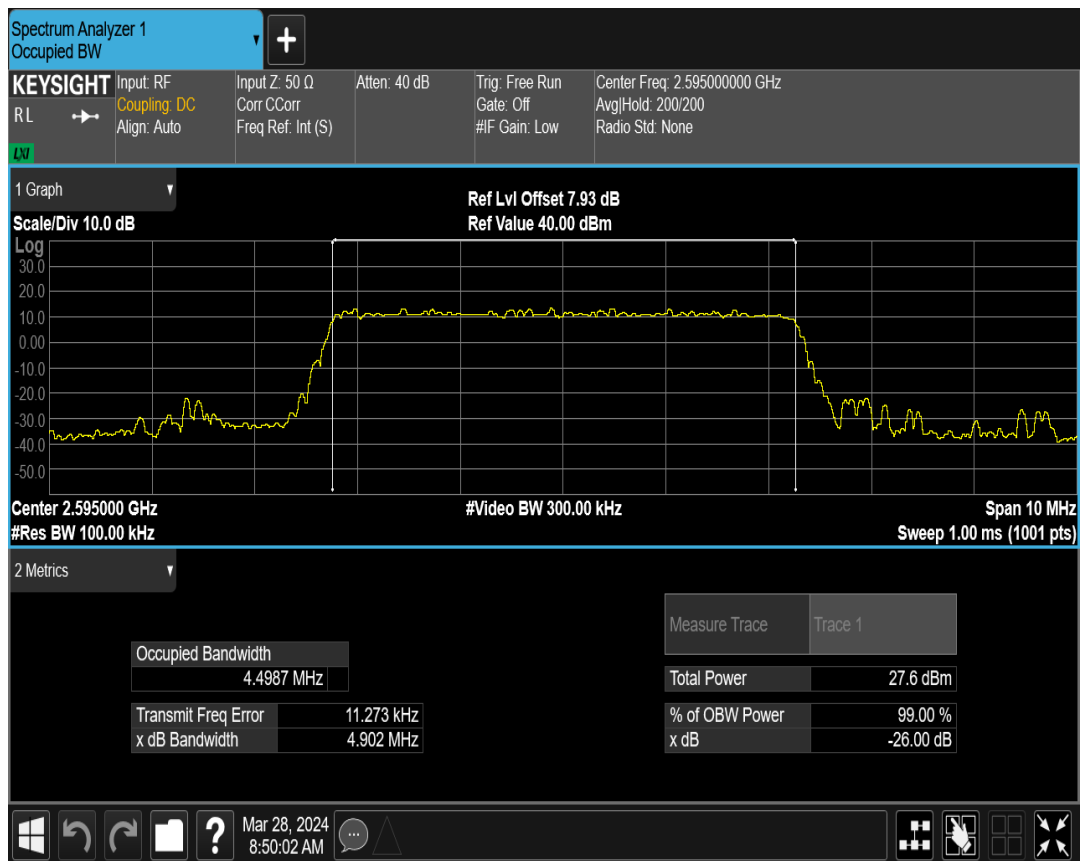
Band41(2535-2655) 16QAM BW=20MHz Channel=41140 RB Size=100 Position=#0



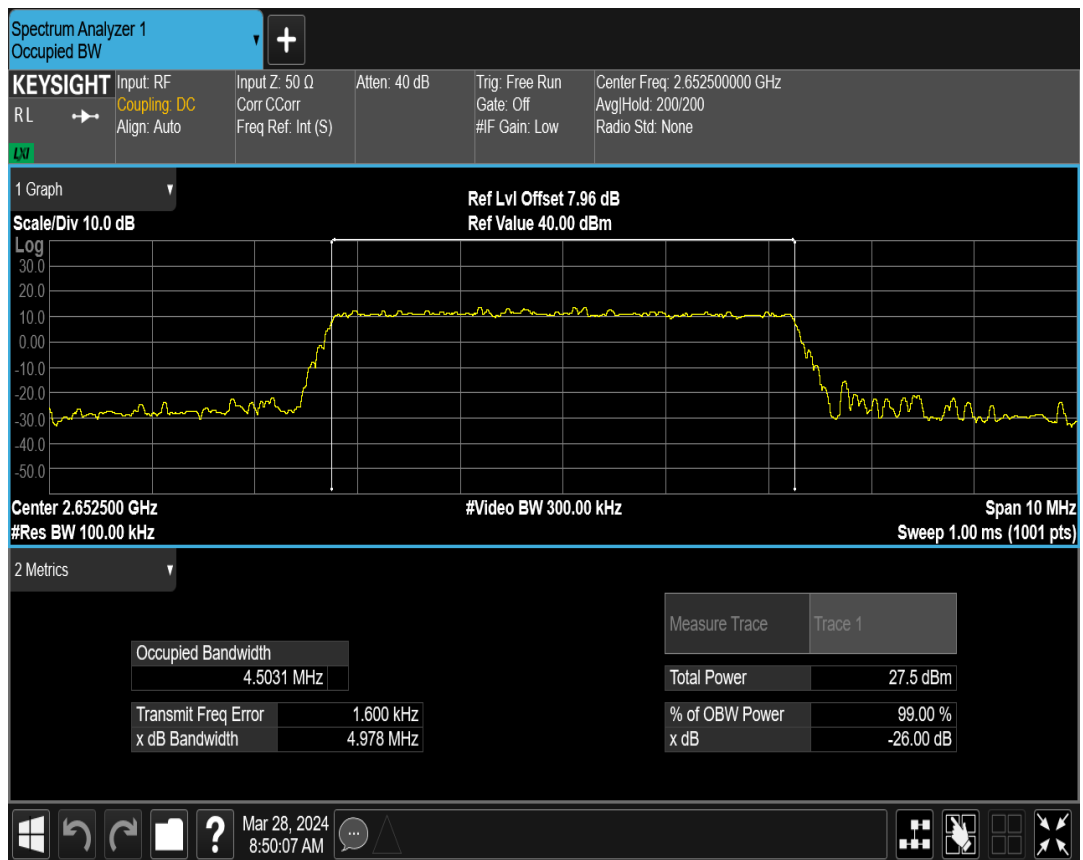
Band41(2535-2655) 16QAM BW=5MHz Channel=40065 RB Size=25 Position=#0



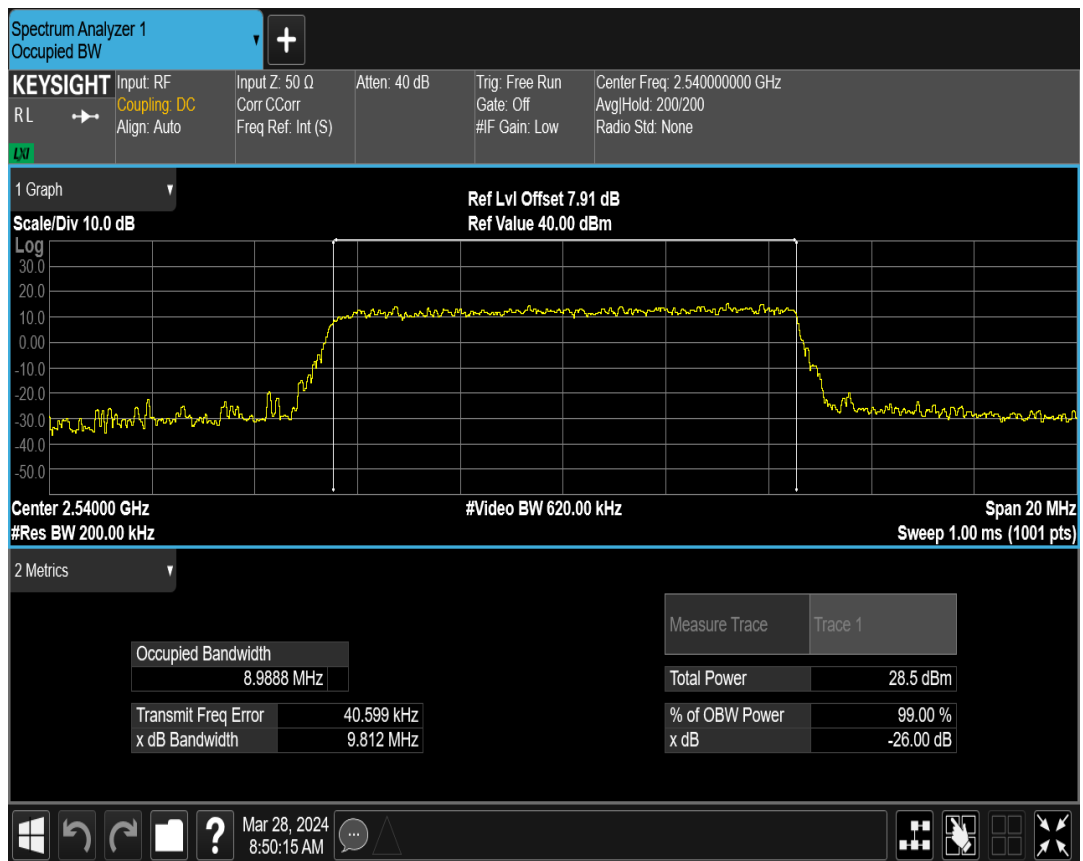
Band41(2535-2655) 16QAM BW=5MHz Channel=40640 RB Size=25 Position=#0



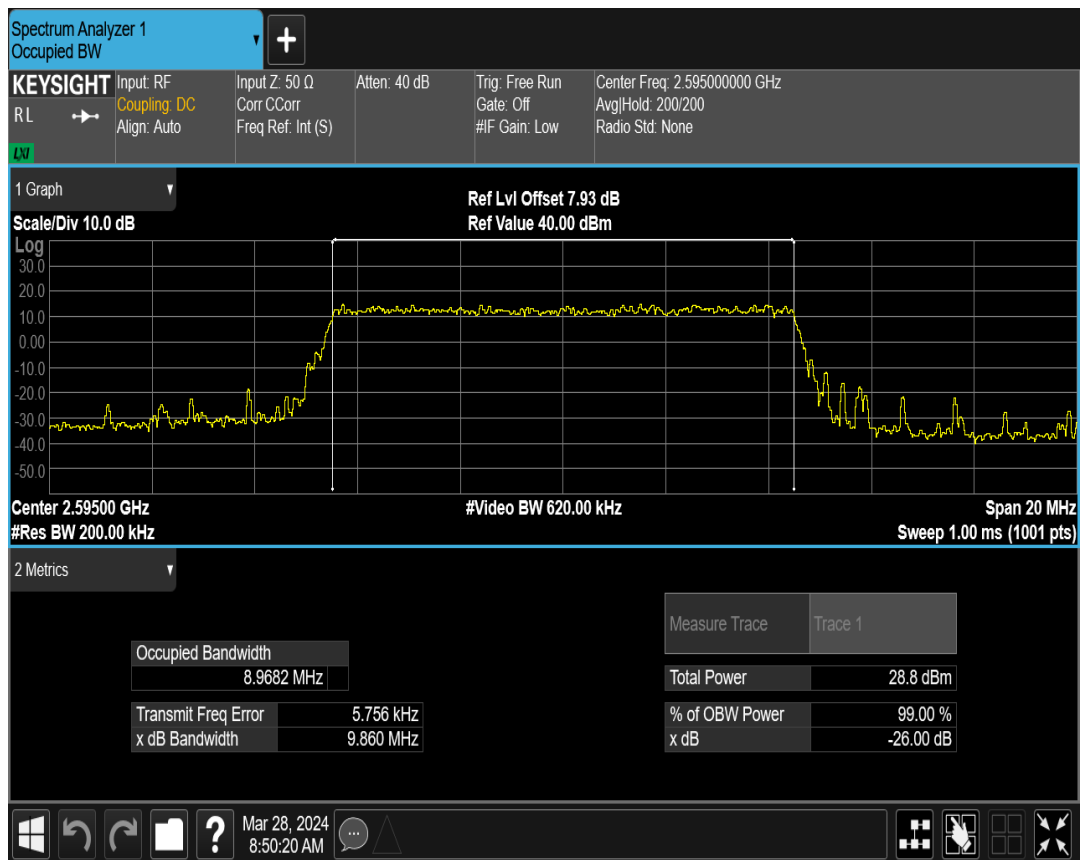
Band41(2535-2655) 16QAM BW=5MHz Channel=41215 RB Size=25 Position=#0



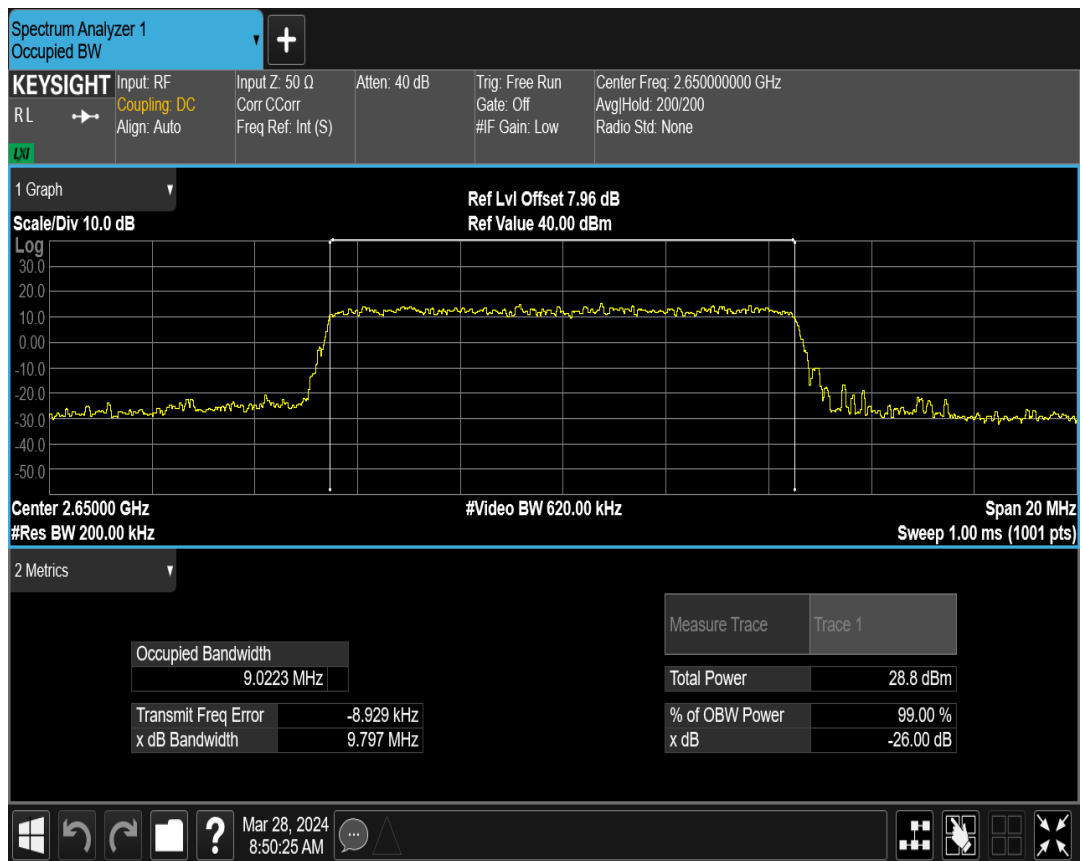
Band41(2535-2655) QPSK BW=10MHz Channel=40090 RB Size=50 Position=#0



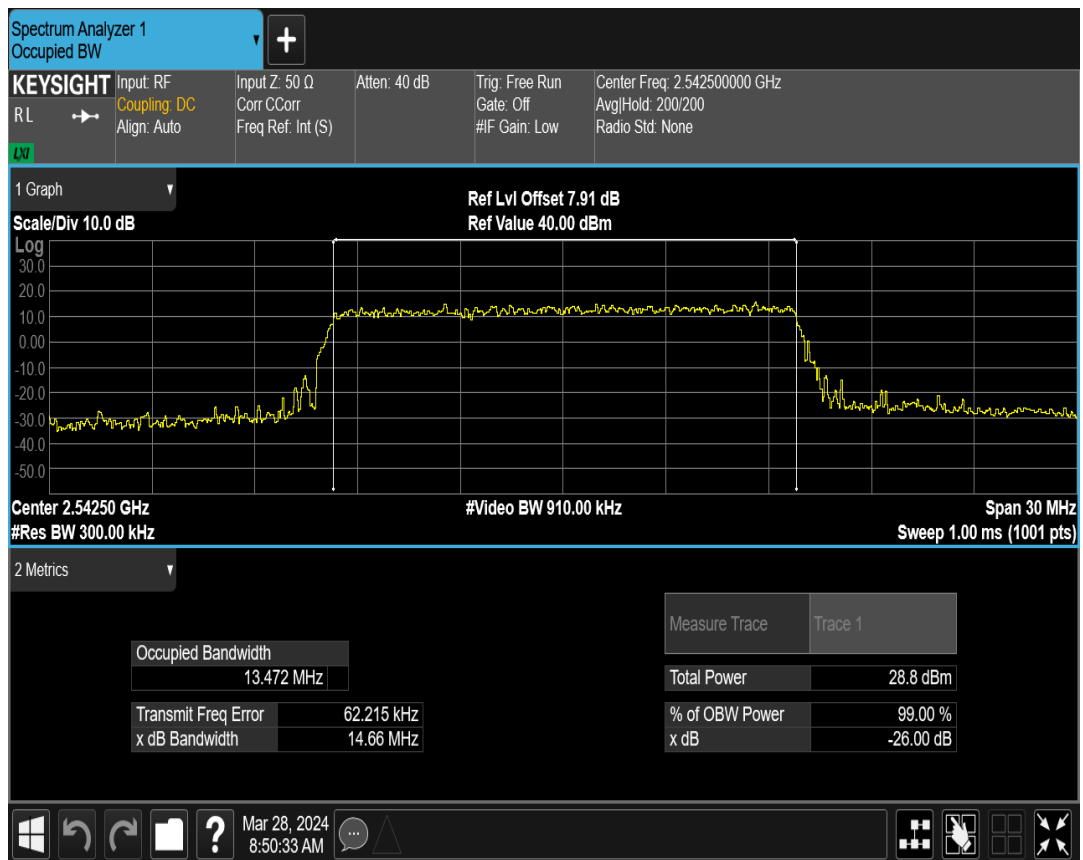
Band41(2535-2655) QPSK BW=10MHz Channel=40640 RB Size=50 Position=#0



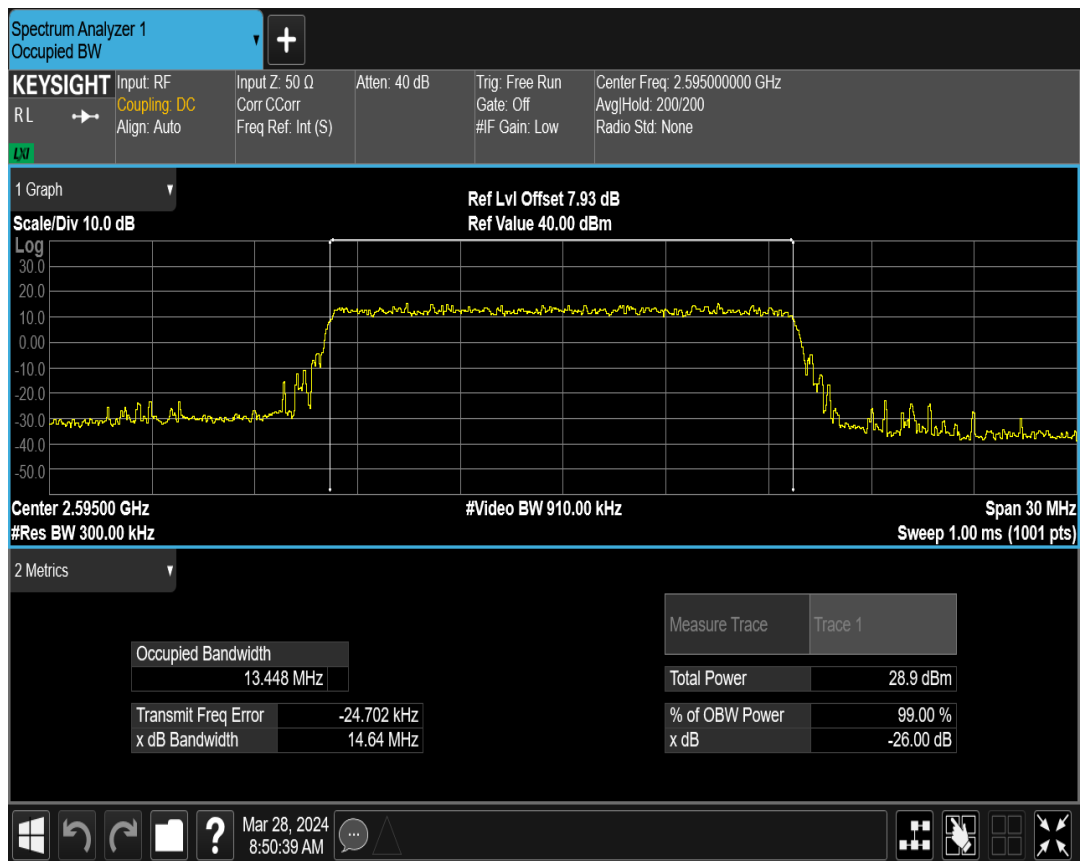
Band41(2535-2655) QPSK BW=10MHz Channel=41190 RB Size=50 Position=#0



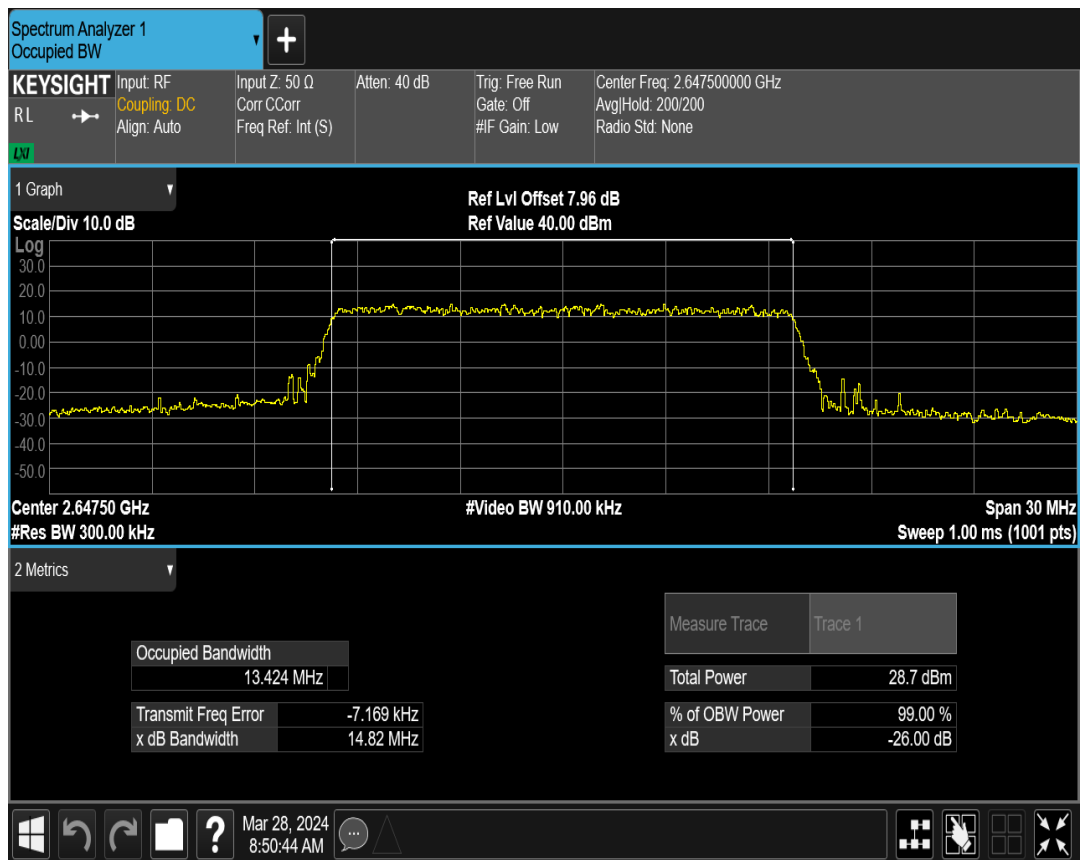
Band41(2535-2655) QPSK BW=15MHz Channel=40115 RB Size=75 Position=#0



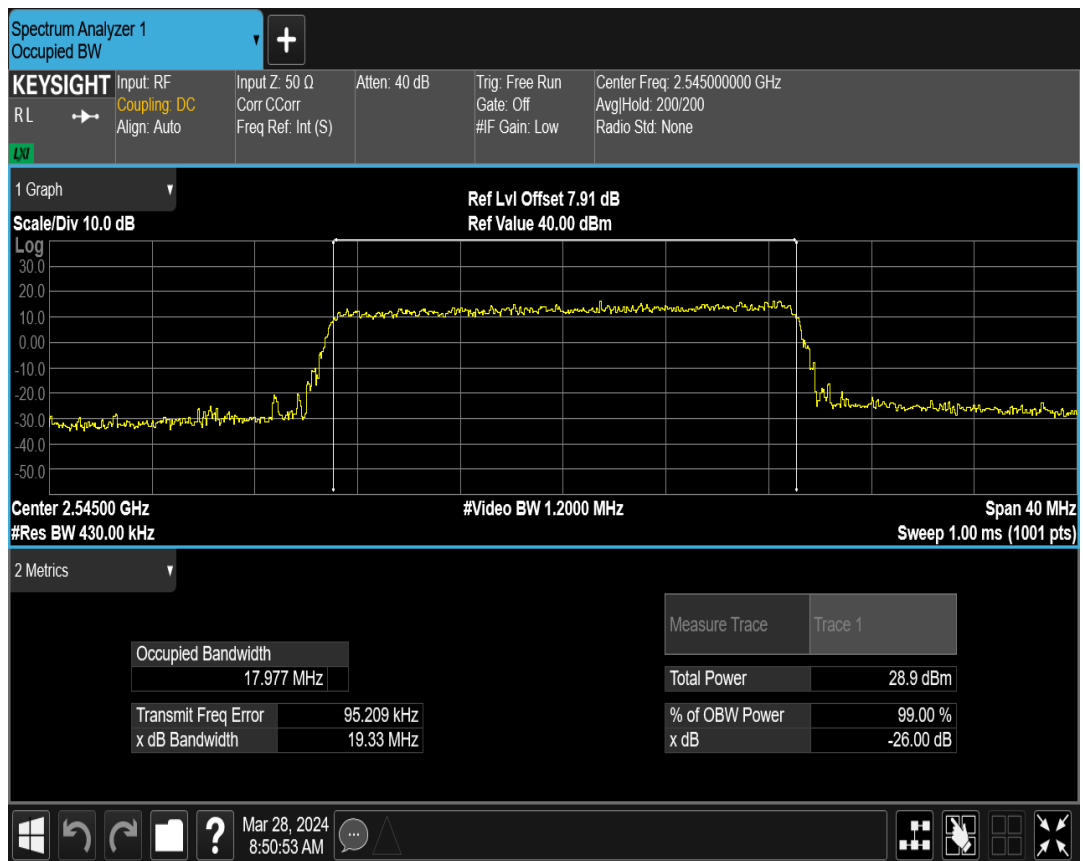
Band41(2535-2655) QPSK BW=15MHz Channel=40640 RB Size=75 Position=#0



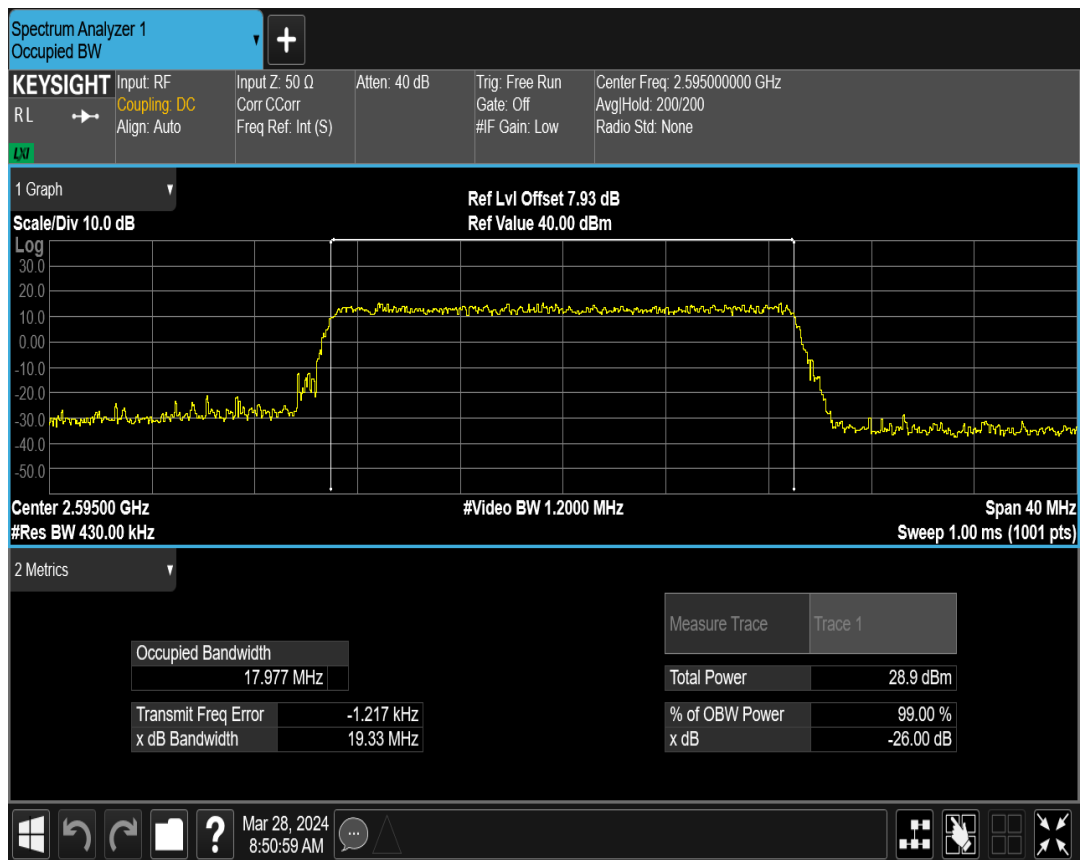
Band41(2535-2655) QPSK BW=15MHz Channel=41165 RB Size=75 Position=#0



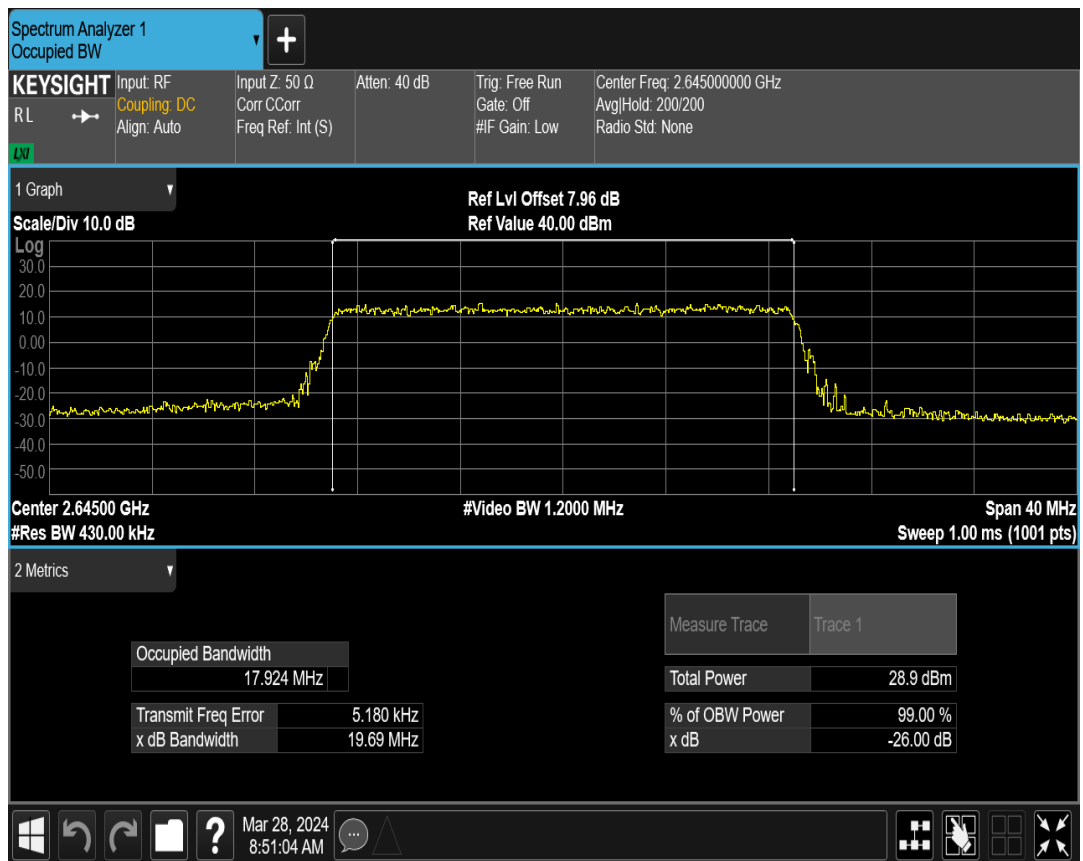
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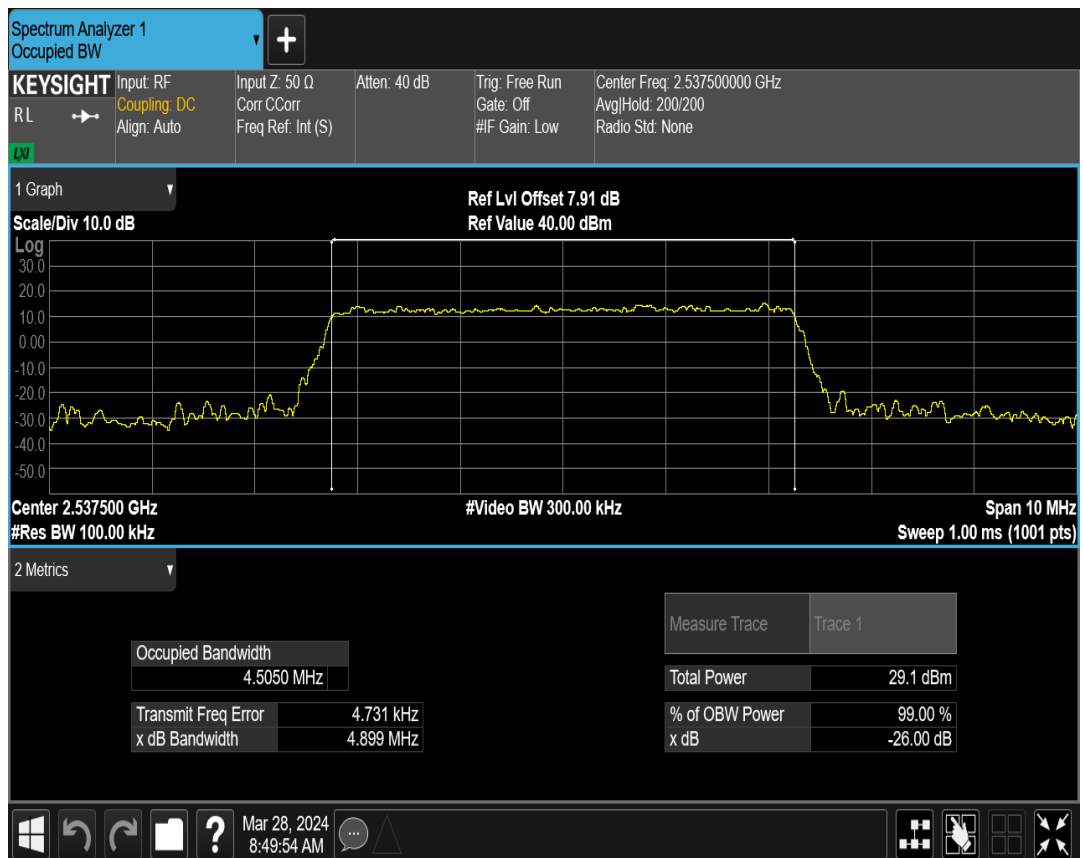
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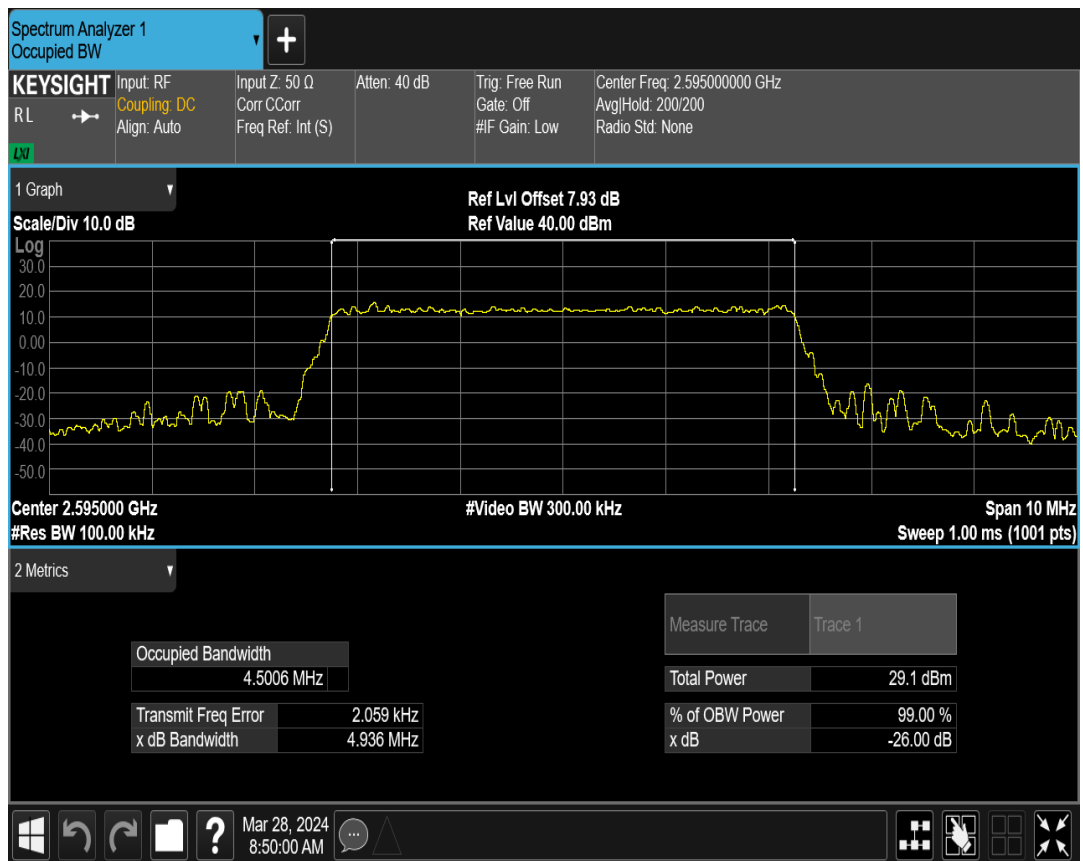
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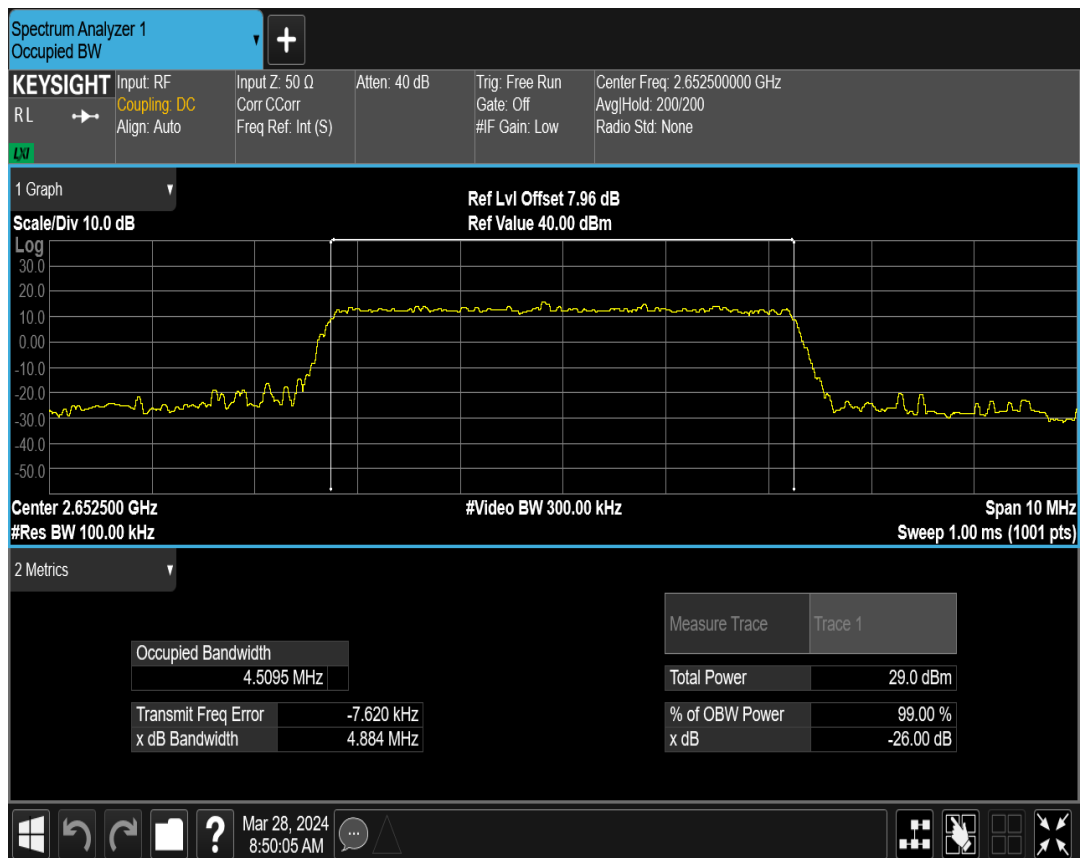
Band41(2535-2655) QPSK BW=5MHz Channel=40065 RB Size=25 Position=#0



Band41(2535-2655) QPSK BW=5MHz Channel=40640 RB Size=25 Position=#0



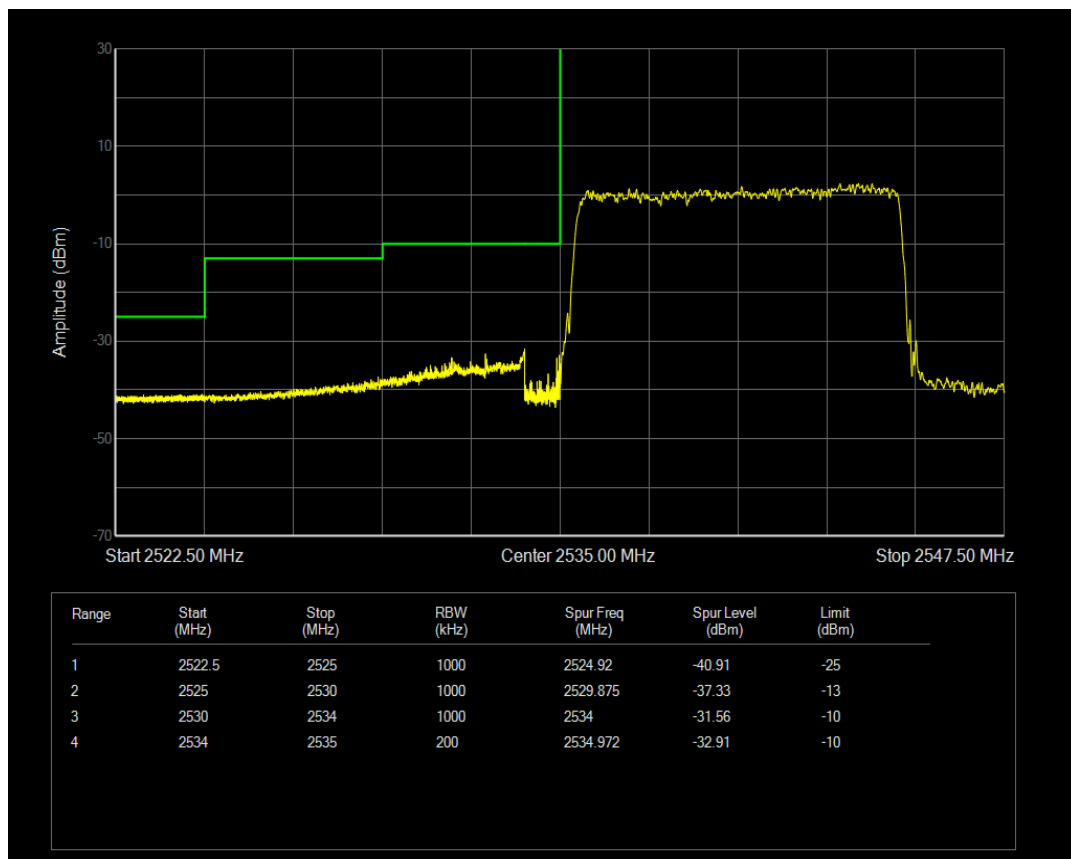
Band41(2535-2655) QPSK BW=5MHz Channel=41215 RB Size=25 Position=#0



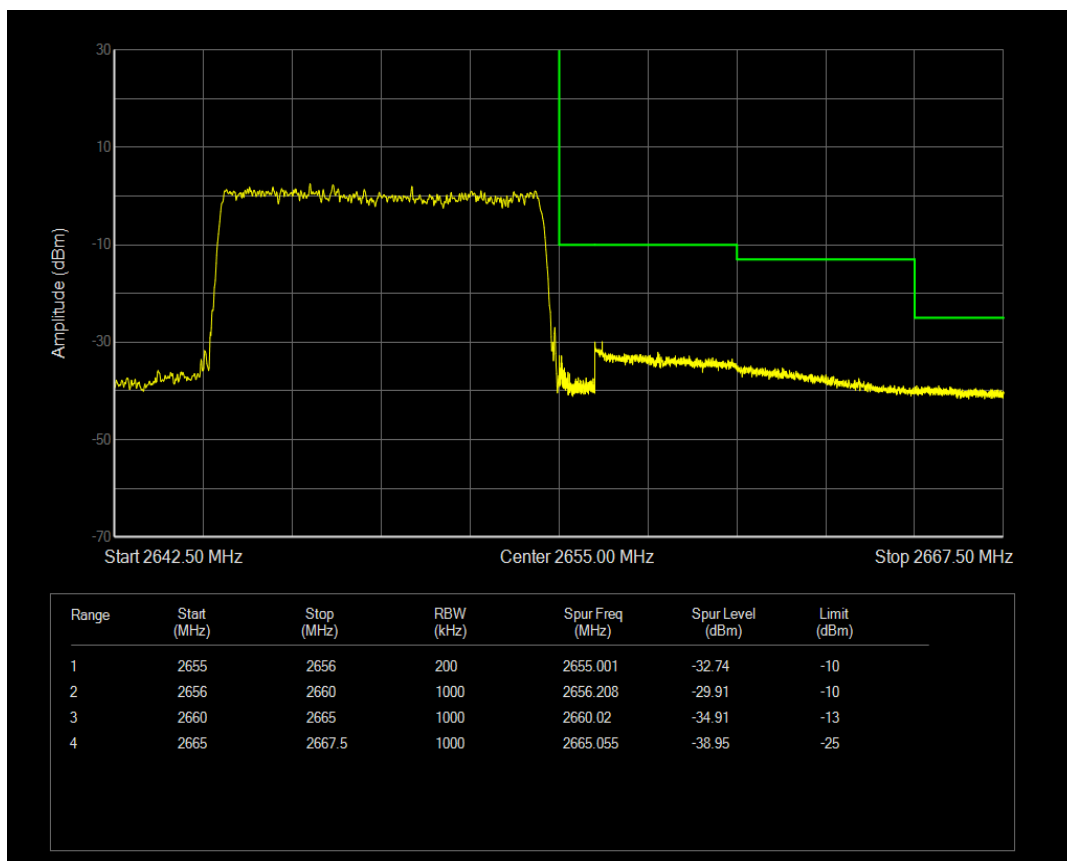
## 4 Band edge

| Band              | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-------------------|-----------------|------------|---------|-------------|------------|-----------------|------------------|-------------|---------|
| Band41(2535-2655) | 5               | 40065      | 25      | #0          | QPSK       | 2533.98         | -19.13           | -10         | PASS    |
| Band41(2535-2655) | 5               | 40065      | 25      | #0          | 16QAM      | 2533.99         | -20.57           | -10         | PASS    |
| Band41(2535-2655) | 5               | 41215      | 25      | #0          | QPSK       | 2656.00         | -18.24           | -10         | PASS    |
| Band41(2535-2655) | 5               | 41215      | 25      | #0          | 16QAM      | 2656.01         | -20.04           | -10         | PASS    |
| Band41(2535-2655) | 10              | 40090      | 50      | #0          | QPSK       | 2524.37         | -40.82           | -25         | PASS    |
| Band41(2535-2655) | 10              | 40090      | 50      | #0          | 16QAM      | 2524.92         | -40.91           | -25         | PASS    |
| Band41(2535-2655) | 10              | 41190      | 50      | #0          | QPSK       | 2666.20         | -37.56           | -25         | PASS    |
| Band41(2535-2655) | 10              | 41190      | 50      | #0          | 16QAM      | 2665.06         | -38.95           | -25         | PASS    |
| Band41(2535-2655) | 15              | 40115      | 75      | #0          | QPSK       | 2519.16         | -41.33           | -25         | PASS    |
| Band41(2535-2655) | 15              | 40115      | 75      | #0          | 16QAM      | 2519.92         | -41.18           | -25         | PASS    |
| Band41(2535-2655) | 15              | 41165      | 75      | #0          | QPSK       | 2670.18         | -38.06           | -25         | PASS    |
| Band41(2535-2655) | 15              | 41165      | 75      | #0          | 16QAM      | 2671.04         | -38.81           | -25         | PASS    |
| Band41(2535-2655) | 20              | 40140      | 100     | #0          | QPSK       | 2514.02         | -41.38           | -25         | PASS    |
| Band41(2535-2655) | 20              | 40140      | 100     | #0          | 16QAM      | 2510.66         | -41.49           | -25         | PASS    |
| Band41(2535-2655) | 20              | 41140      | 100     | #0          | QPSK       | 2675.64         | -39.72           | -25         | PASS    |
| Band41(2535-2655) | 20              | 41140      | 100     | #0          | 16QAM      | 2675.72         | -39.95           | -25         | PASS    |

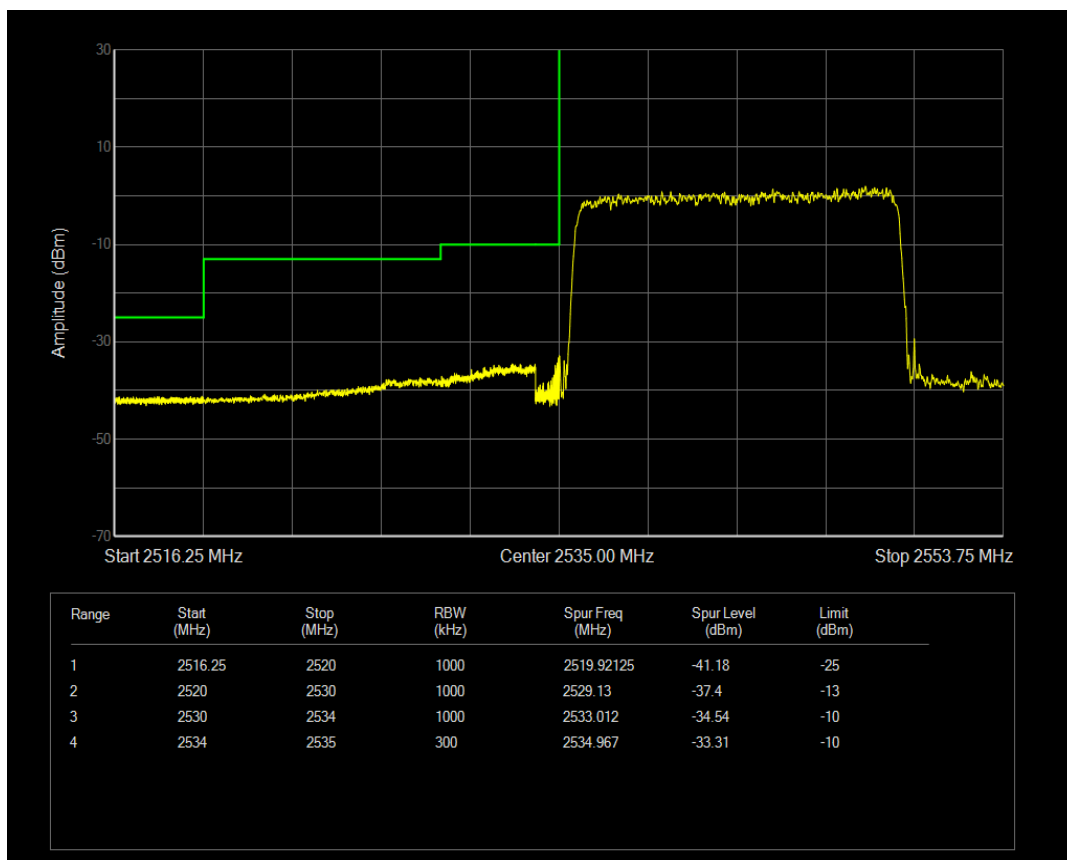
Band41(2535-2655) 16QAM BW=10MHz Channel=40090 RB Size=50 Position=#0



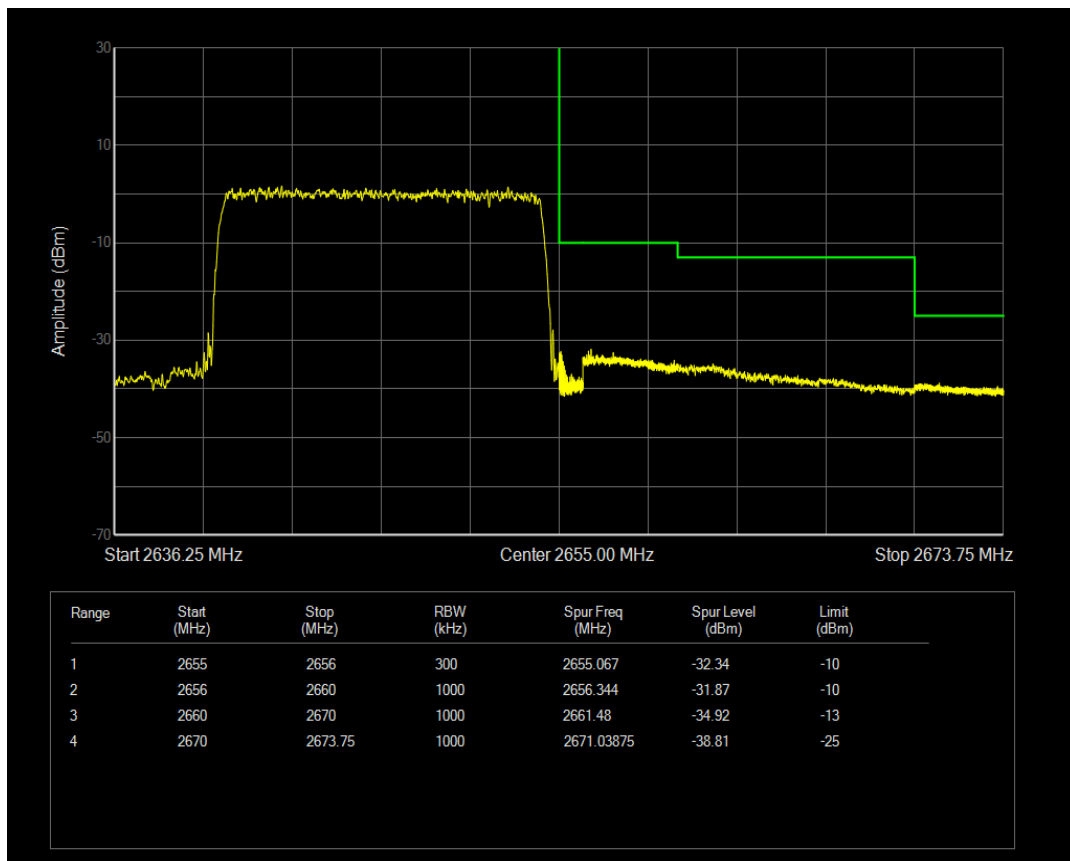
Band41(2535-2655) 16QAM BW=10MHz Channel=41190 RB Size=50 Position=#0



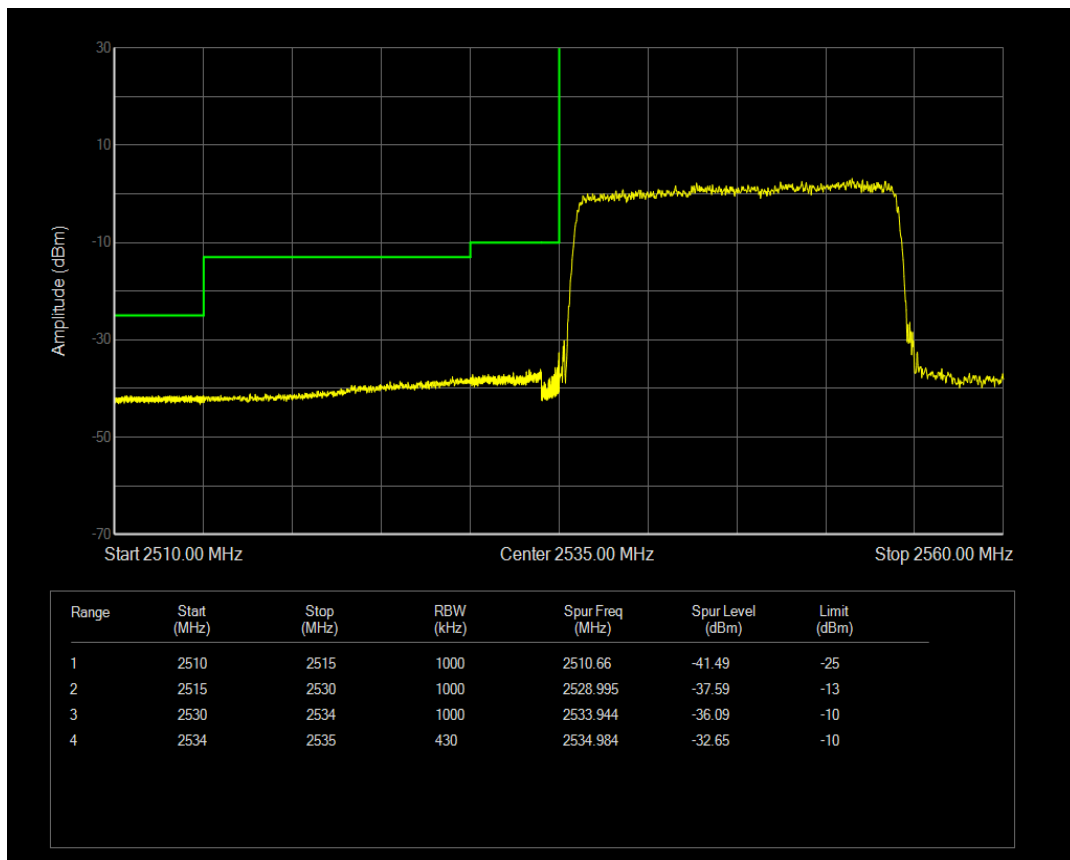
Band41(2535-2655) 16QAM BW=15MHz Channel=40115 RB Size=75 Position=#0



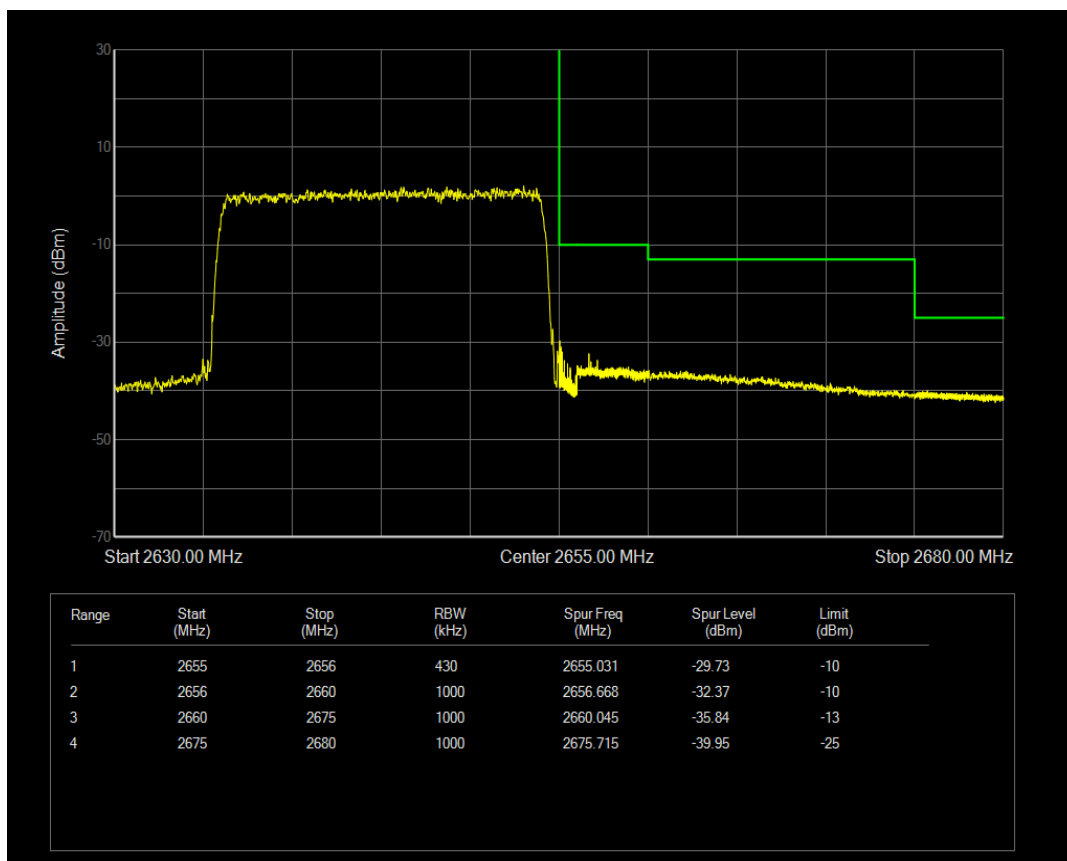
Band41(2535-2655) 16QAM BW=15MHz Channel=41165 RB Size=75 Position=#0



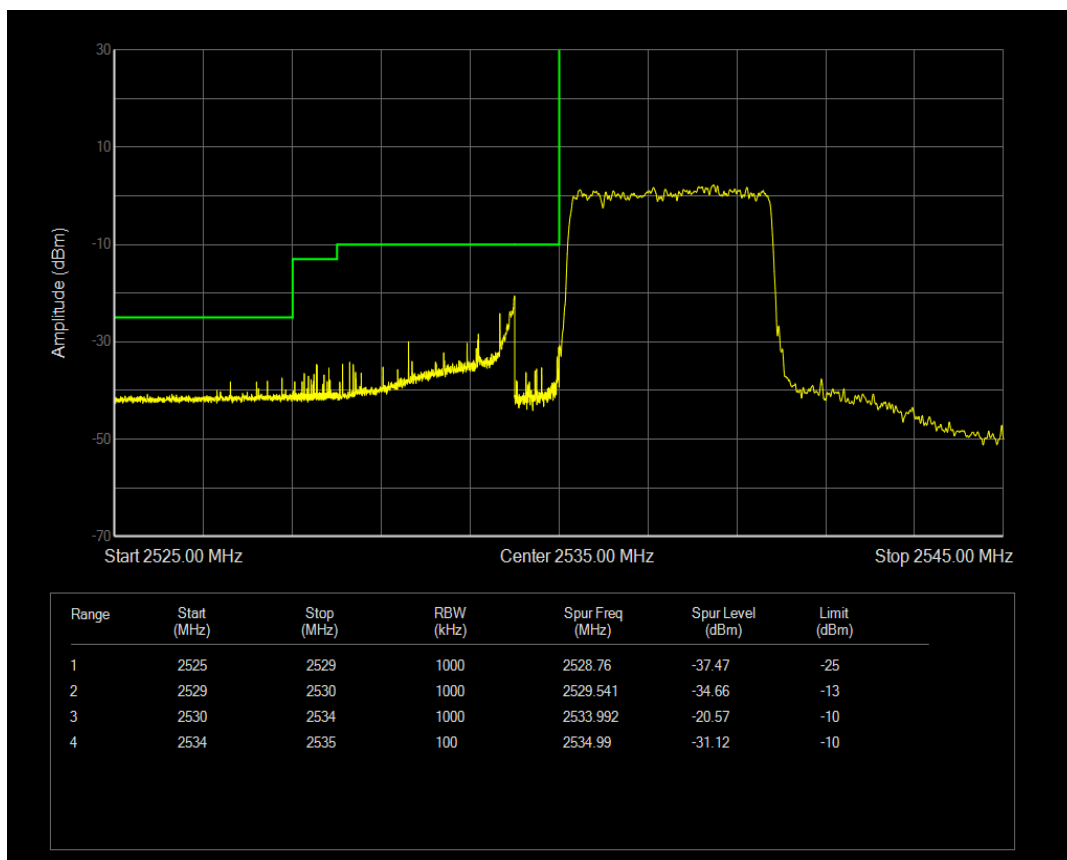
Band41(2535-2655) 16QAM BW=20MHz Channel=40140 RB Size=100 Position=#0



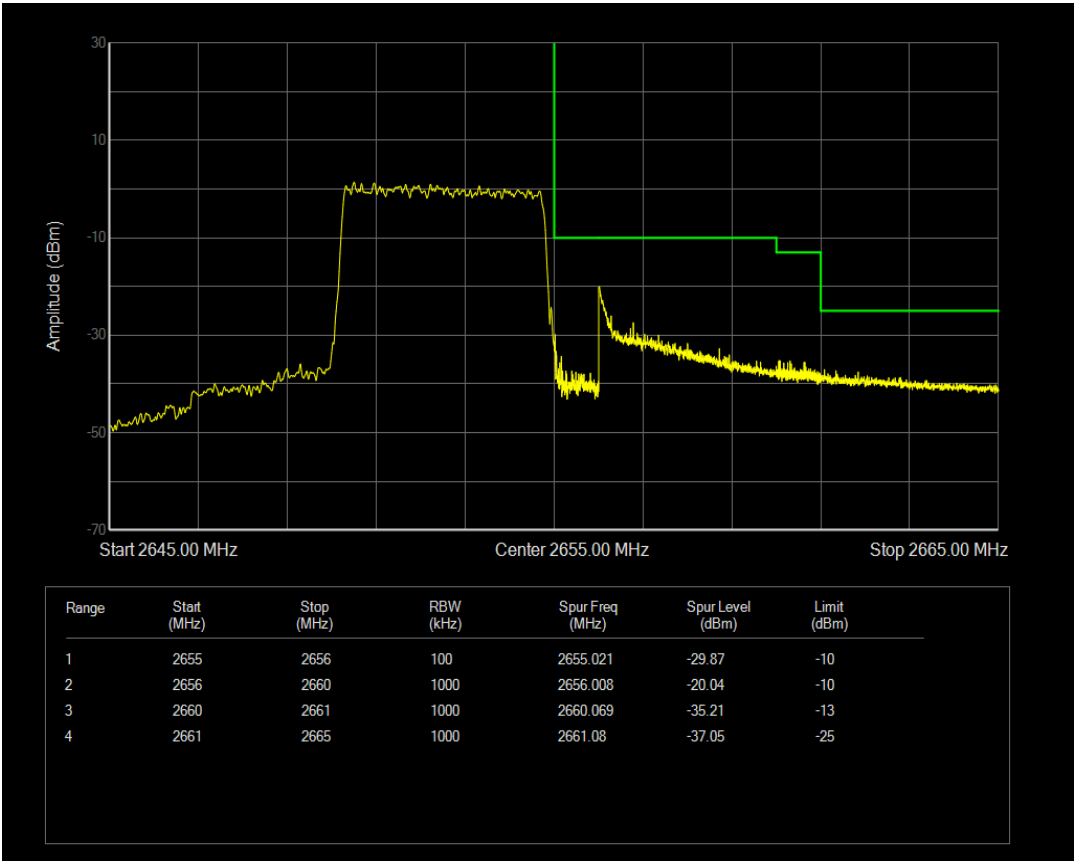
Band41(2535-2655) 16QAM BW=20MHz Channel=41140 RB Size=100 Position=#0



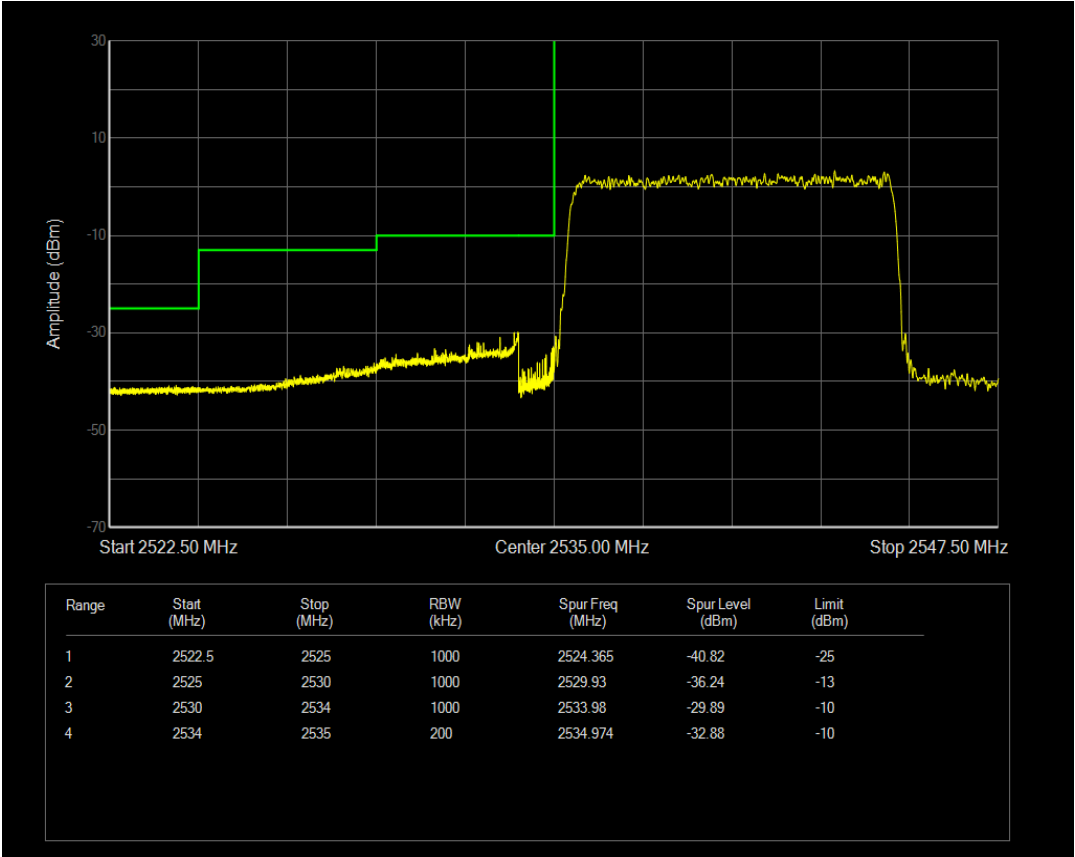
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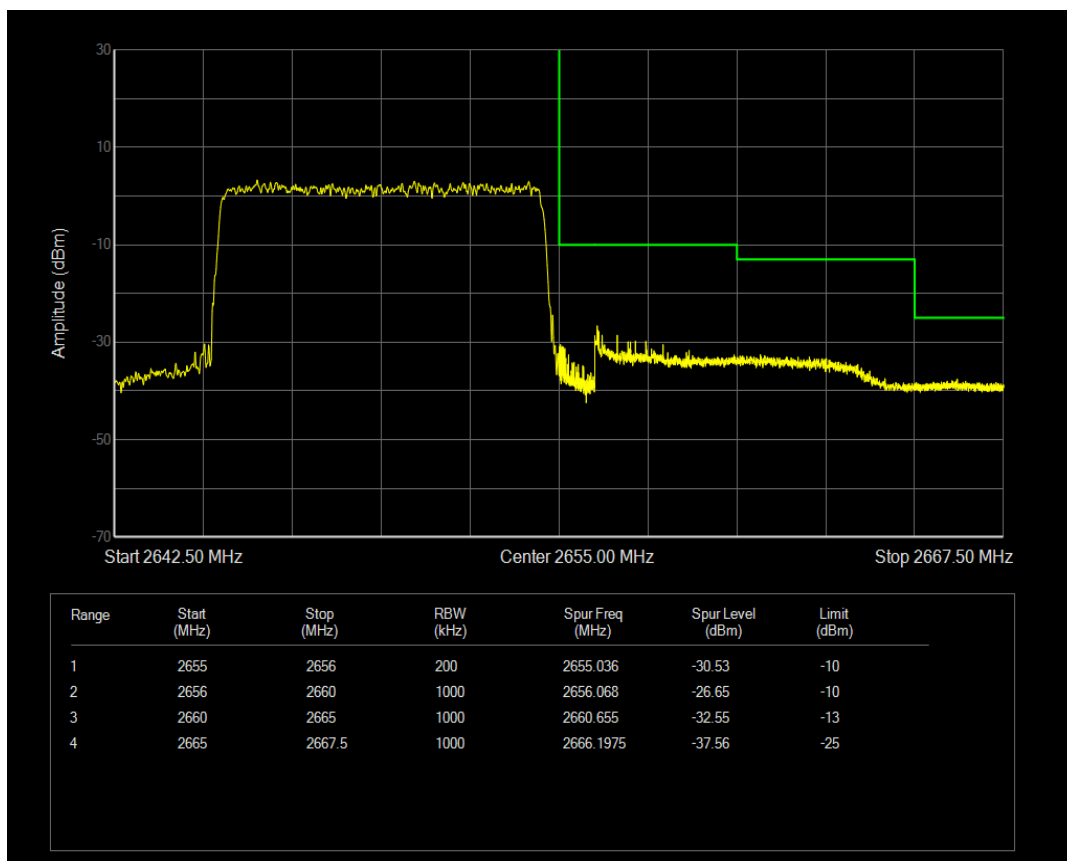
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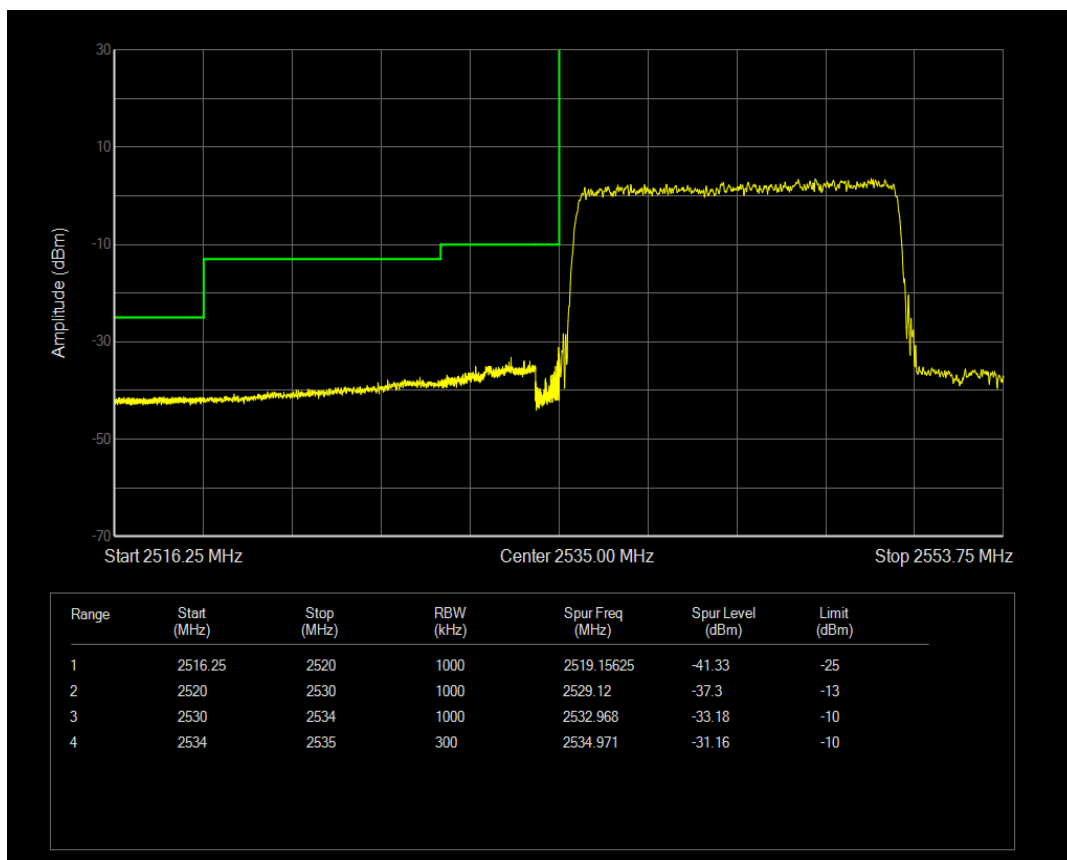
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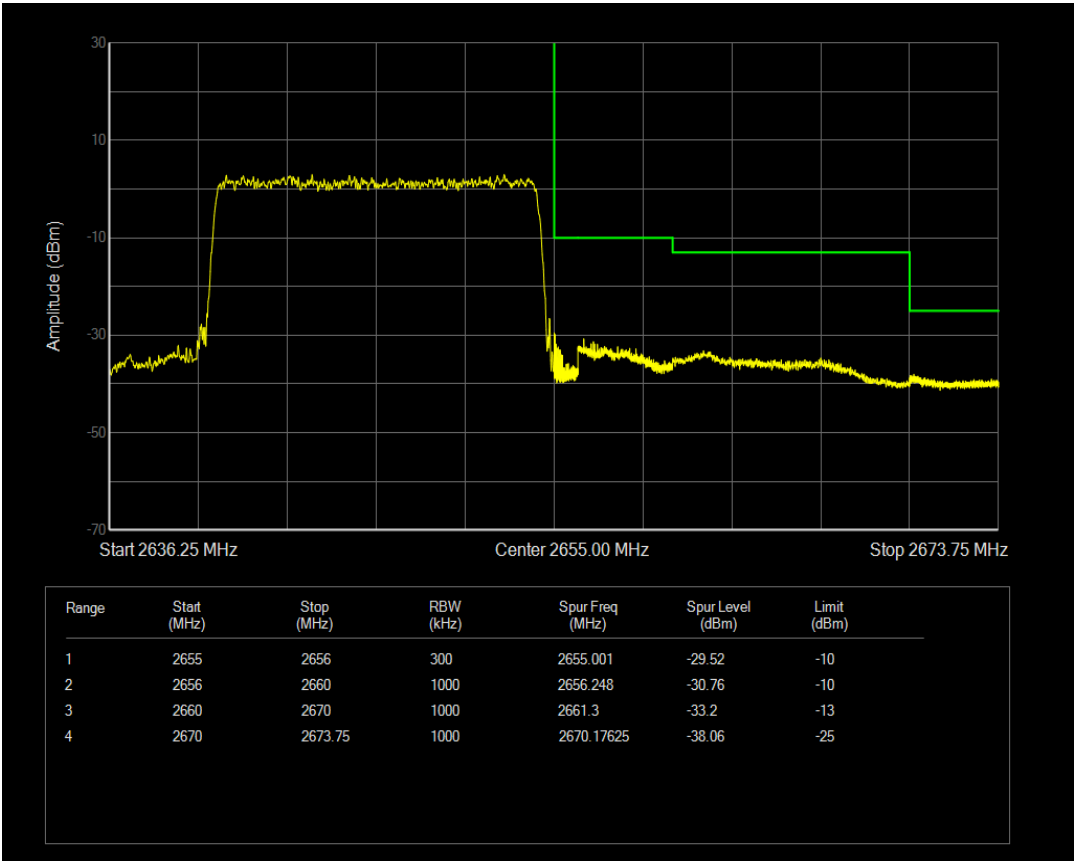
Band41(2535-2655) QPSK BW=10MHz Channel=41190 RB Size=50 Position=#0



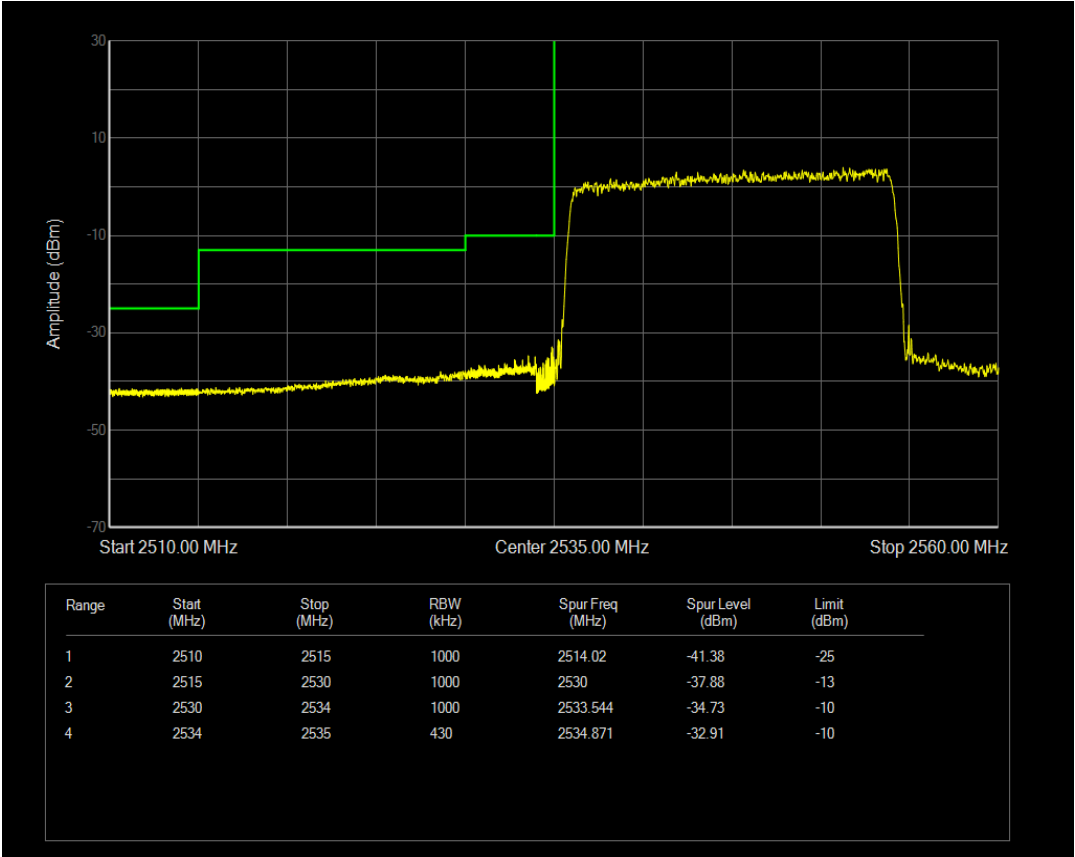
Band41(2635-2655) QPSK BW=15MHz Channel=40115 RB Size=75 Position=#0



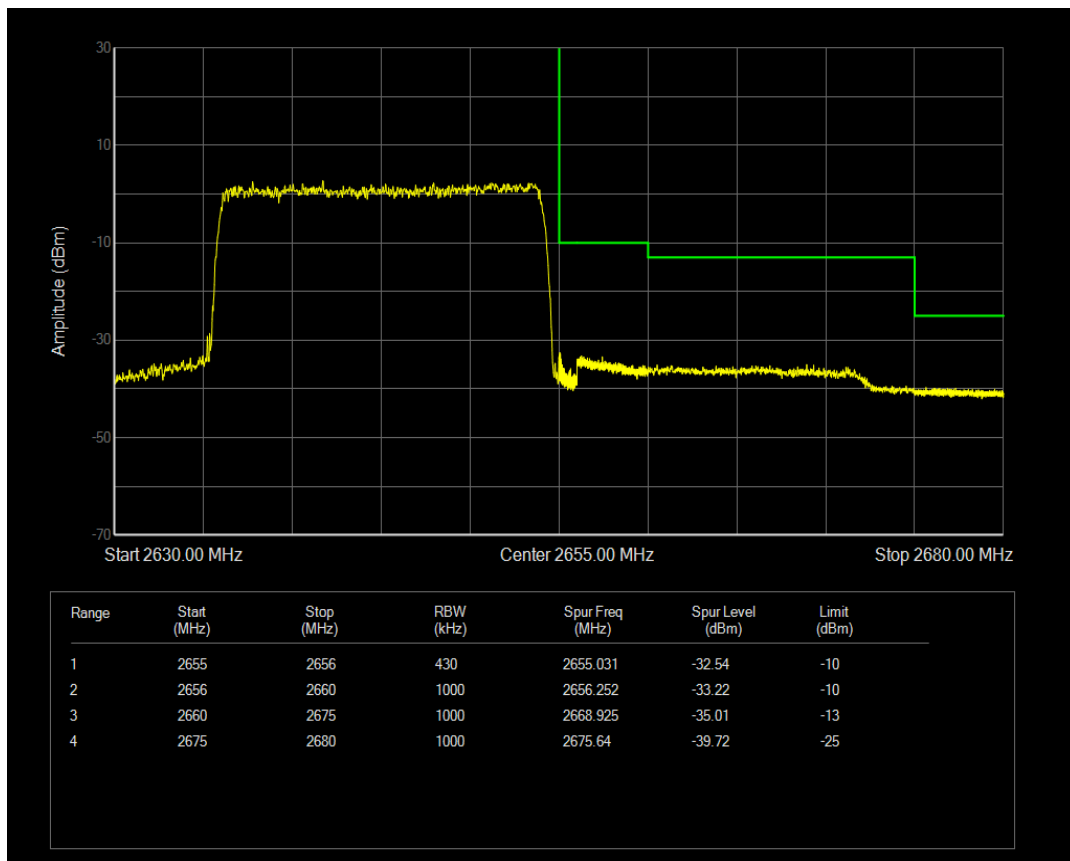
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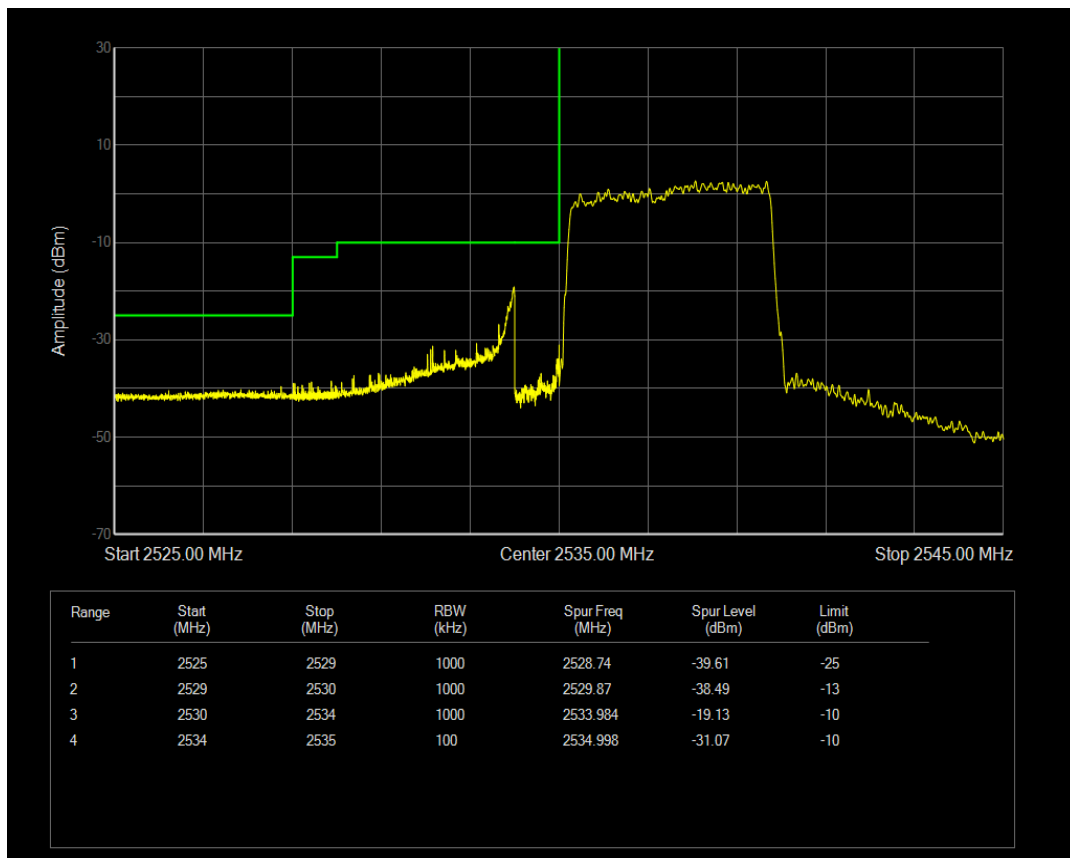
Band41(2535-2655) QPSK BW=20MHz Channel=40140 RB Size=100 Position=#0



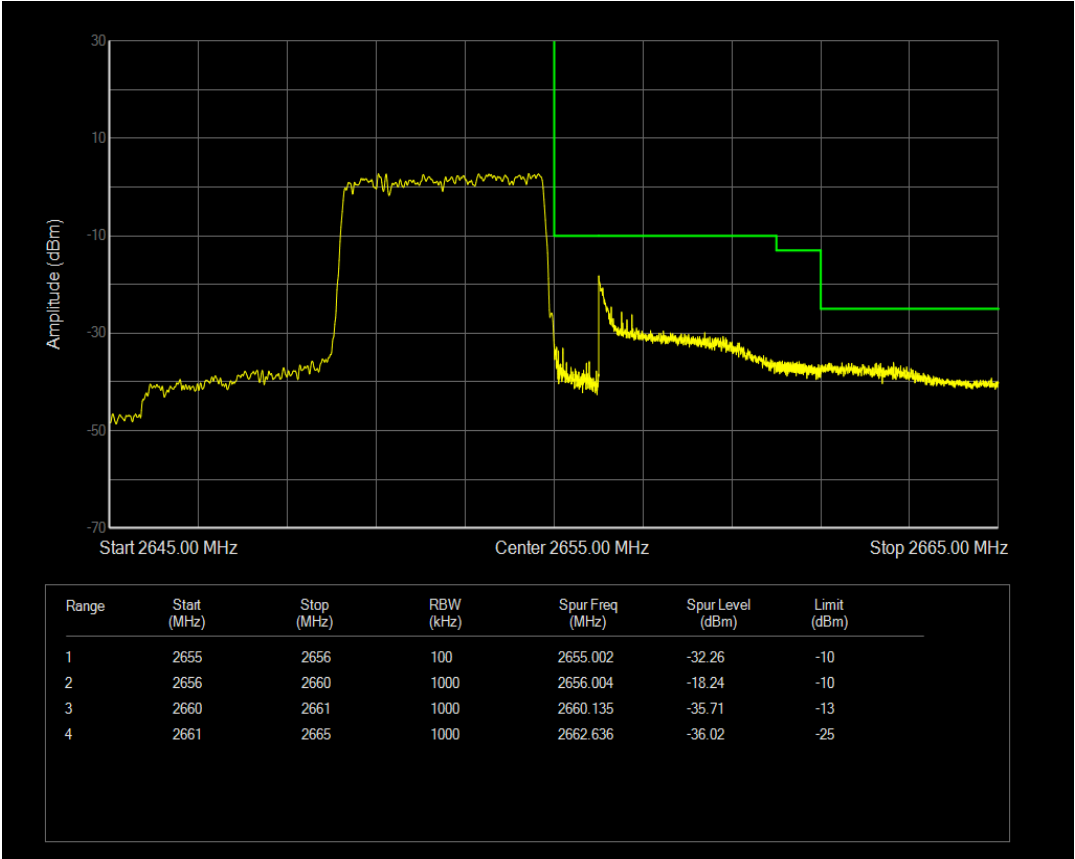
Band41(2535-2655) QPSK BW=20MHz Channel=41140 RB Size=100 Position=#0



Band41(2535-2655) QPSK BW=5MHz Channel=40065 RB Size=25 Position=#0



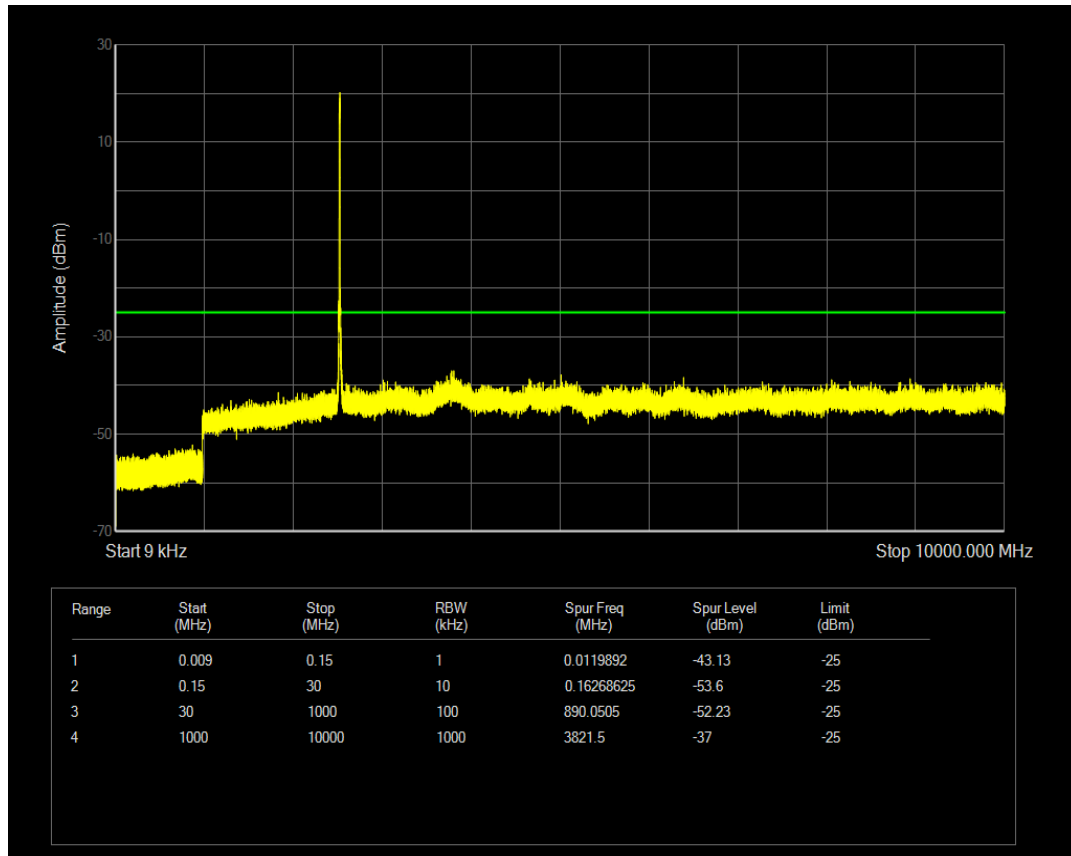
Band41(2535-2655) QPSK BW=5MHz Channel=41215 RB Size=25 Position=#0



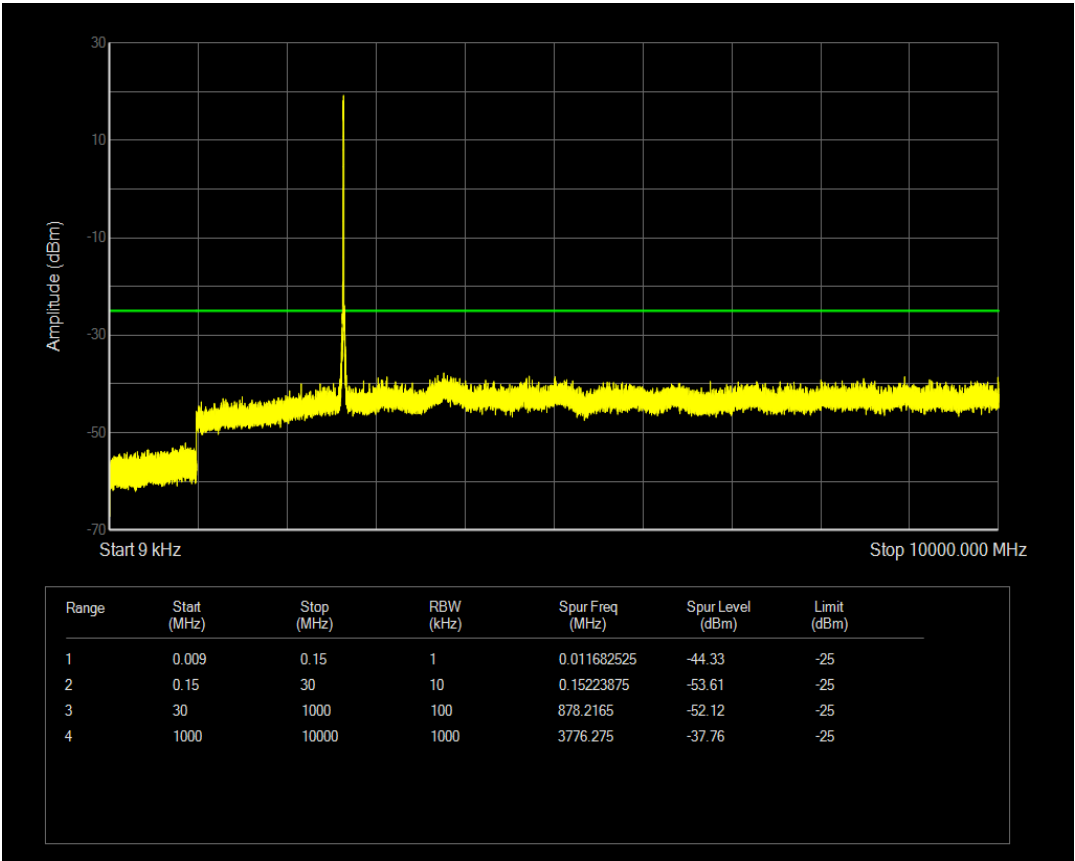
## 5 Out-of-band emissions

| Band              | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Spur Freq<br>(MHz) | Spur Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|-------------------|--------------------|---------------|------------|----------------|------------|--------------------|---------------------|----------------|---------|
| Band41(2535-2655) | 5                  | 40065         | 25         | #0             | QPSK       | 3888.55            | -37.35              | -25            | PASS    |
| Band41(2535-2655) | 5                  | 40065         | 25         | #0             | 16QAM      | 3779.88            | -37.43              | -25            | PASS    |
| Band41(2535-2655) | 5                  | 41215         | 25         | #0             | QPSK       | 2676.03            | -35.48              | -25            | PASS    |
| Band41(2535-2655) | 5                  | 41215         | 25         | #0             | 16QAM      | 7992.78            | -37.14              | -25            | PASS    |
| Band41(2535-2655) | 10                 | 40090         | 50         | #0             | QPSK       | 3766.83            | -37.30              | -25            | PASS    |
| Band41(2535-2655) | 10                 | 40090         | 50         | #0             | 16QAM      | 3821.50            | -37.00              | -25            | PASS    |
| Band41(2535-2655) | 10                 | 41190         | 50         | #0             | QPSK       | 3811.60            | -37.77              | -25            | PASS    |
| Band41(2535-2655) | 10                 | 41190         | 50         | #0             | 16QAM      | 3776.28            | -37.76              | -25            | PASS    |
| Band41(2535-2655) | 15                 | 40115         | 75         | #0             | QPSK       | 3813.85            | -37.64              | -25            | PASS    |
| Band41(2535-2655) | 15                 | 40115         | 75         | #0             | 16QAM      | 3846.25            | -37.64              | -25            | PASS    |
| Band41(2535-2655) | 15                 | 41165         | 75         | #0             | QPSK       | 3844.68            | -37.56              | -25            | PASS    |
| Band41(2535-2655) | 15                 | 41165         | 75         | #0             | 16QAM      | 3937.83            | -37.75              | -25            | PASS    |
| Band41(2535-2655) | 20                 | 40140         | 100        | #0             | QPSK       | 3816.33            | -37.89              | -25            | PASS    |
| Band41(2535-2655) | 20                 | 40140         | 100        | #0             | 16QAM      | 3746.13            | -38.08              | -25            | PASS    |
| Band41(2535-2655) | 20                 | 41140         | 100        | #0             | QPSK       | 3918.48            | -36.57              | -25            | PASS    |
| Band41(2535-2655) | 20                 | 41140         | 100        | #0             | 16QAM      | 8134.98            | -37.90              | -25            | PASS    |

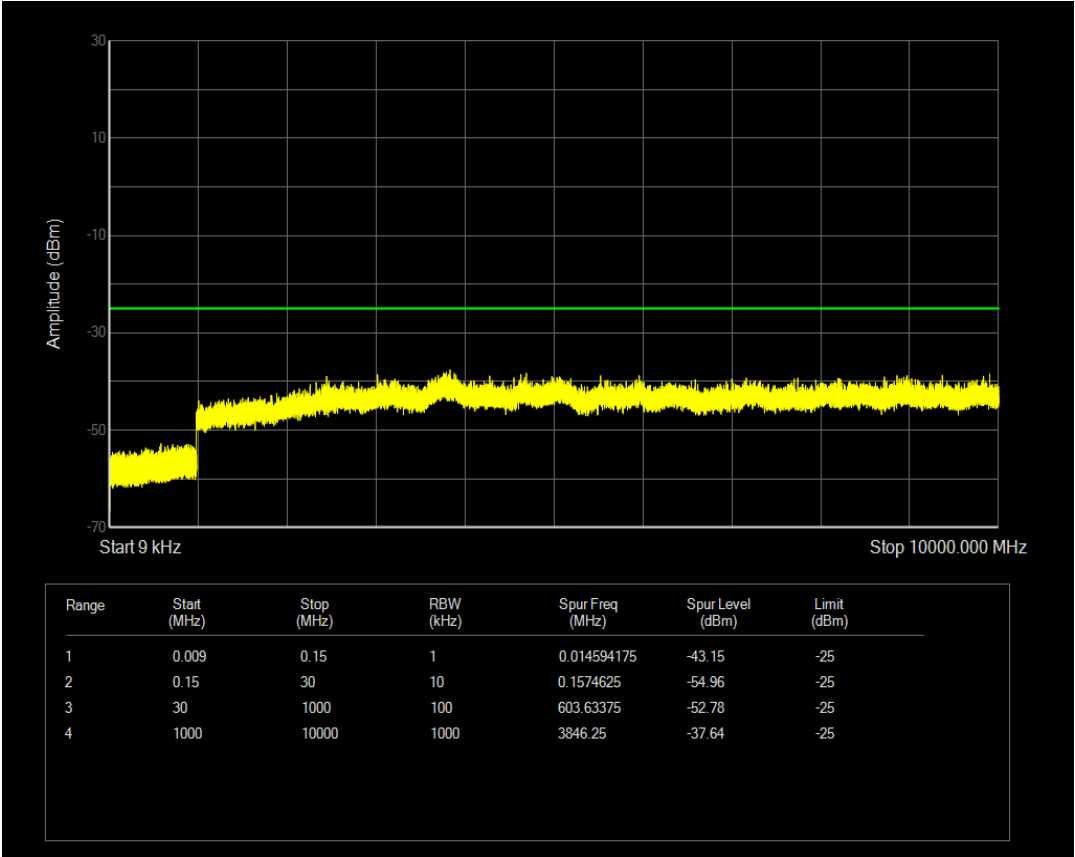
Band41(2535-2655) 16QAM BW=10MHz Channel=40090 RB Size=50 Position=#0



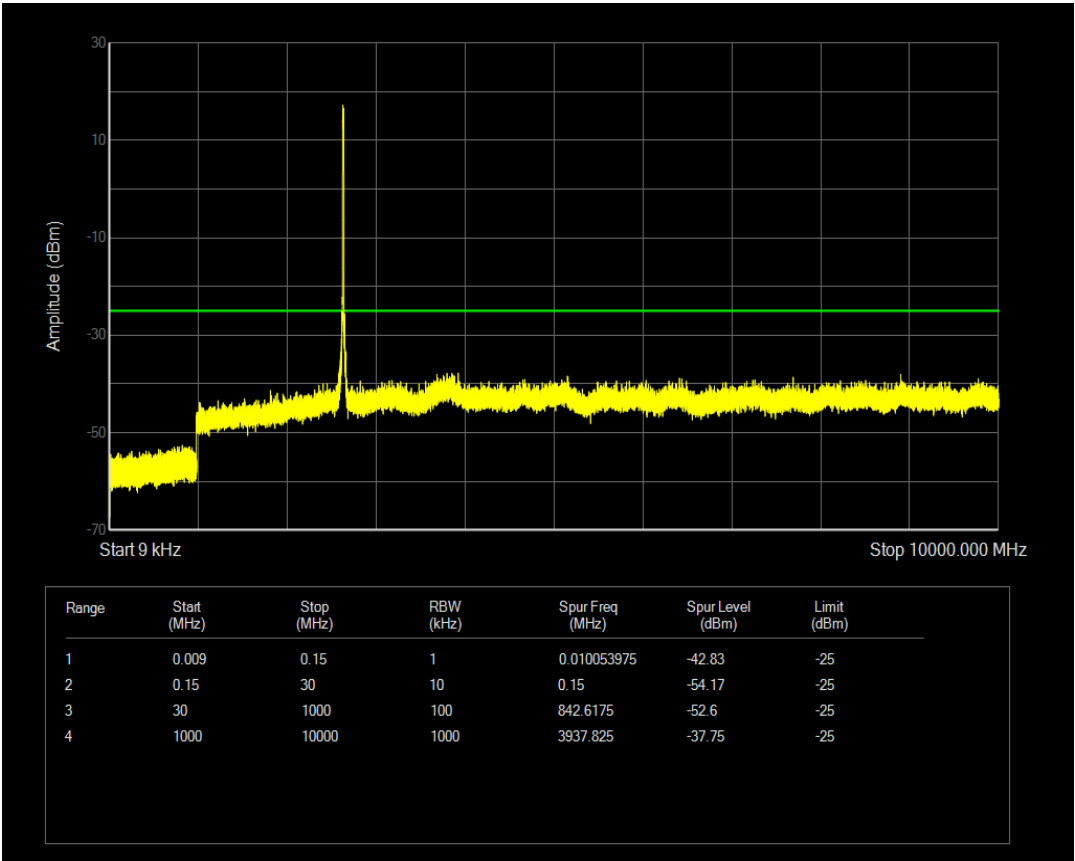
Band41(2535-2655) 16QAM BW=10MHz Channel=41190 RB Size=50 Position=#0



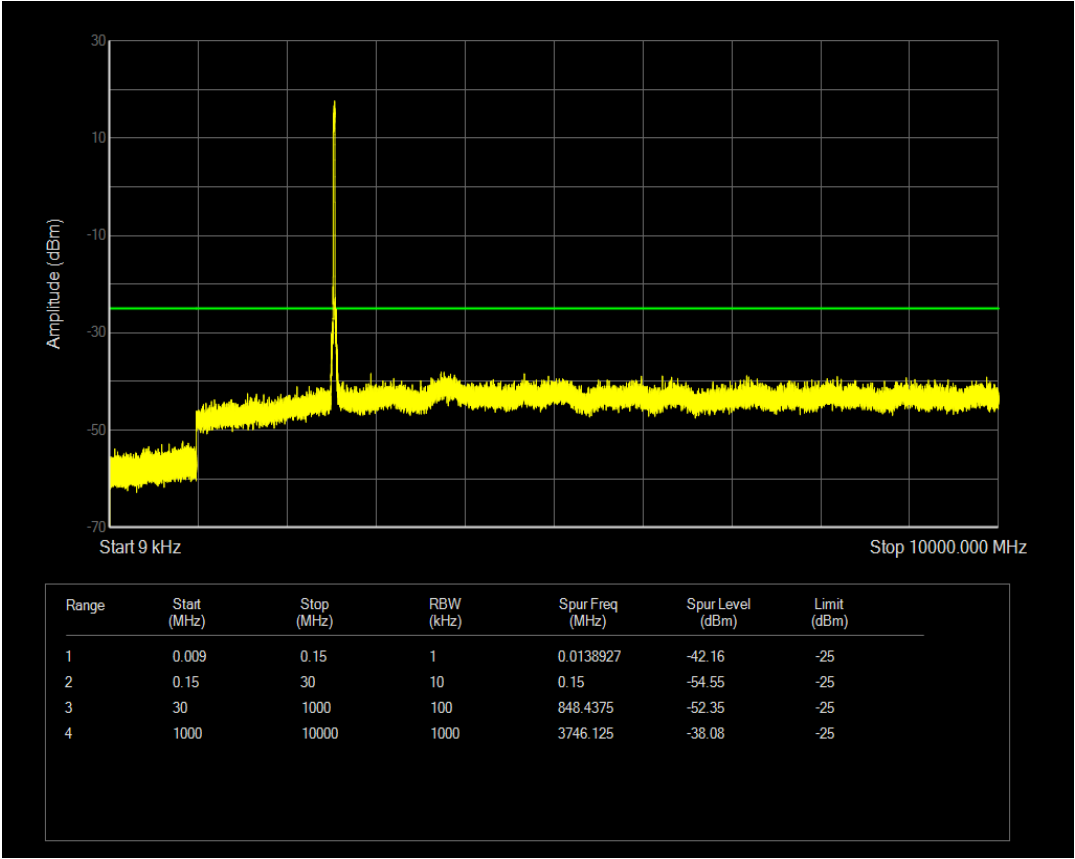
Band41(2535-2655) 16QAM BW=15MHz Channel=40115 RB Size=75 Position=#0



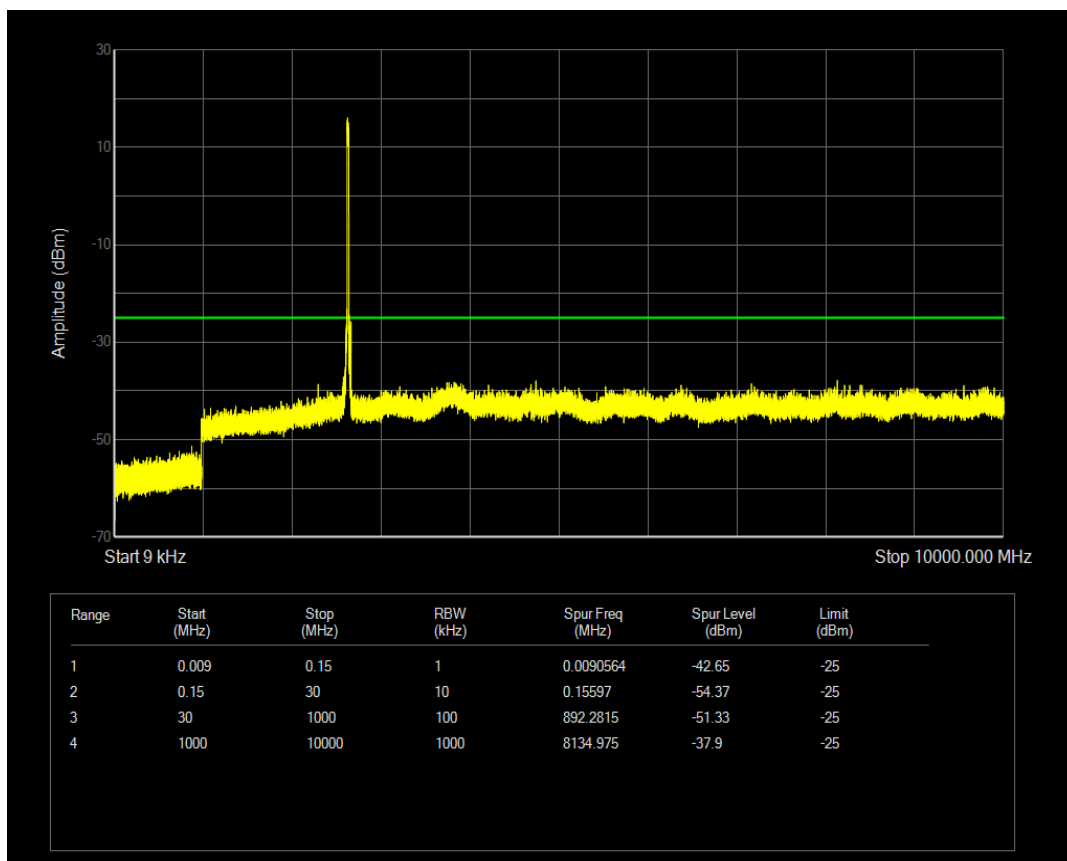
Band41(2535-2655) 16QAM BW=15MHz Channel=41165 RB Size=75 Position=#0



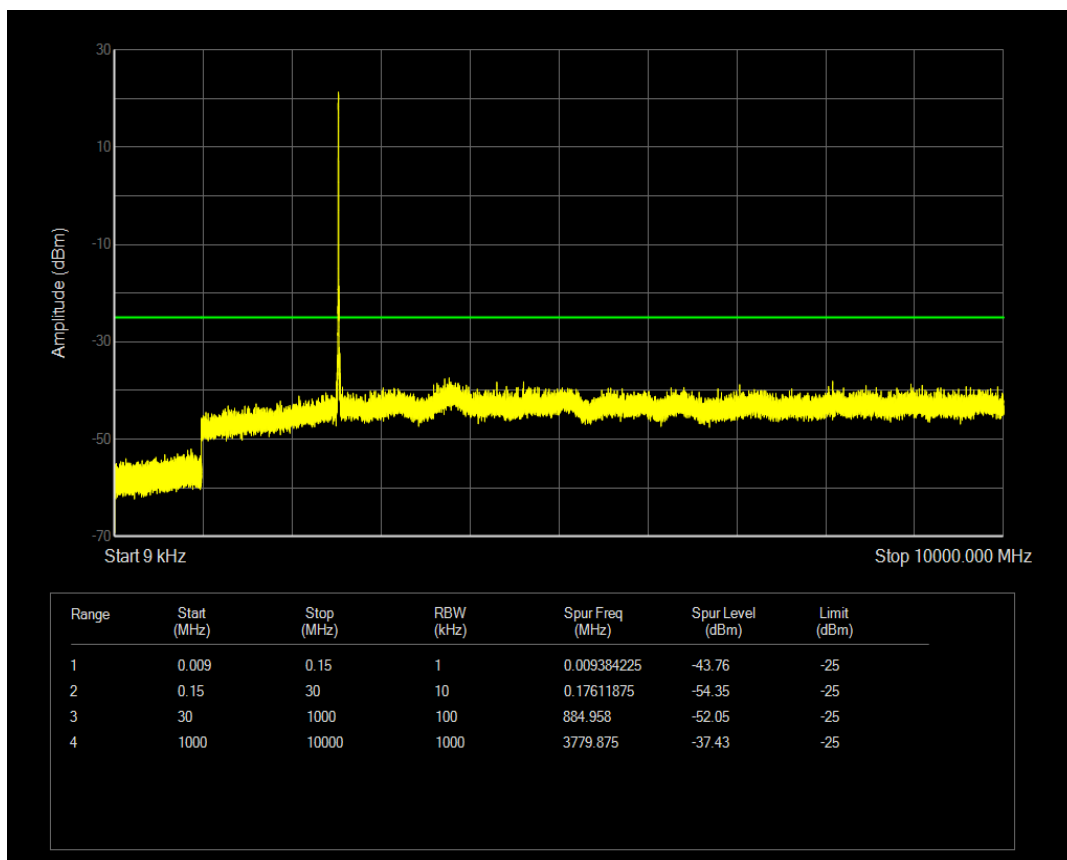
Band41(2535-2655) 16QAM BW=20MHz Channel=40140 RB Size=100 Position=#0



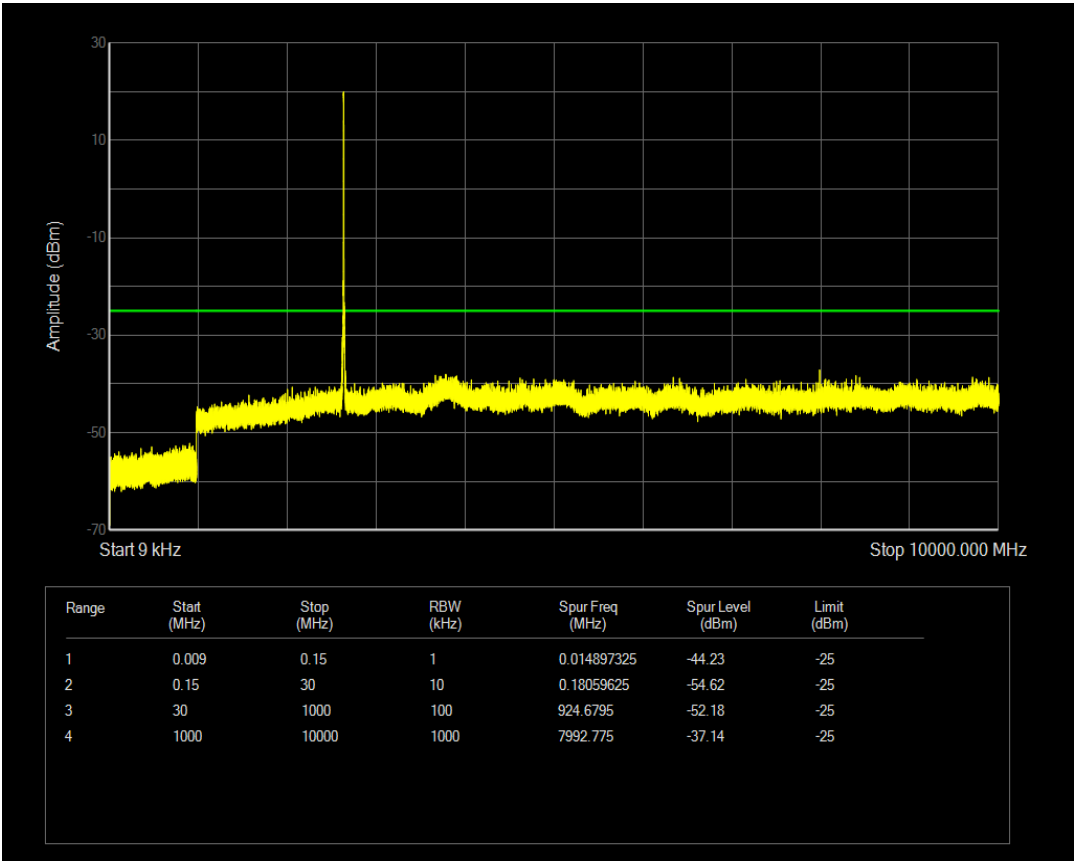
Band41(2535-2655) 16QAM BW=20MHz Channel=41140 RB Size=100 Position=#0



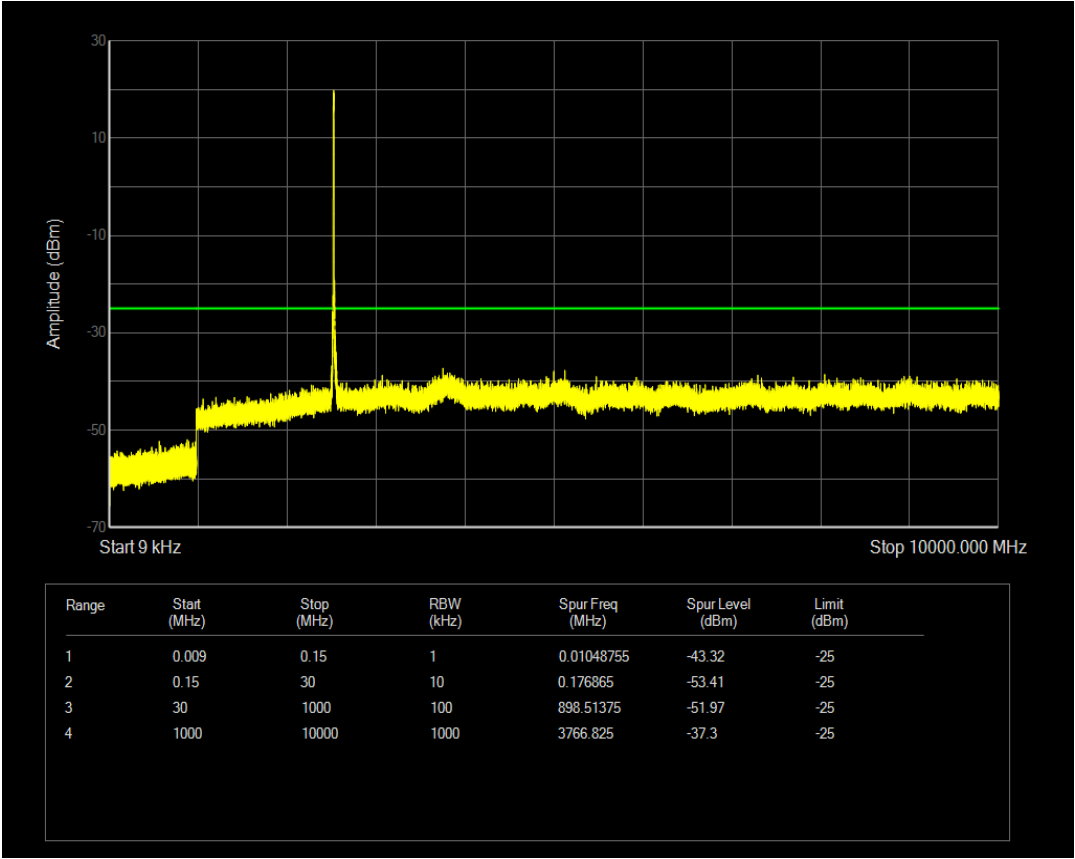
Band41(2535-2655) 16QAM BW=5MHz Channel=40065 RB Size=25 Position=#0



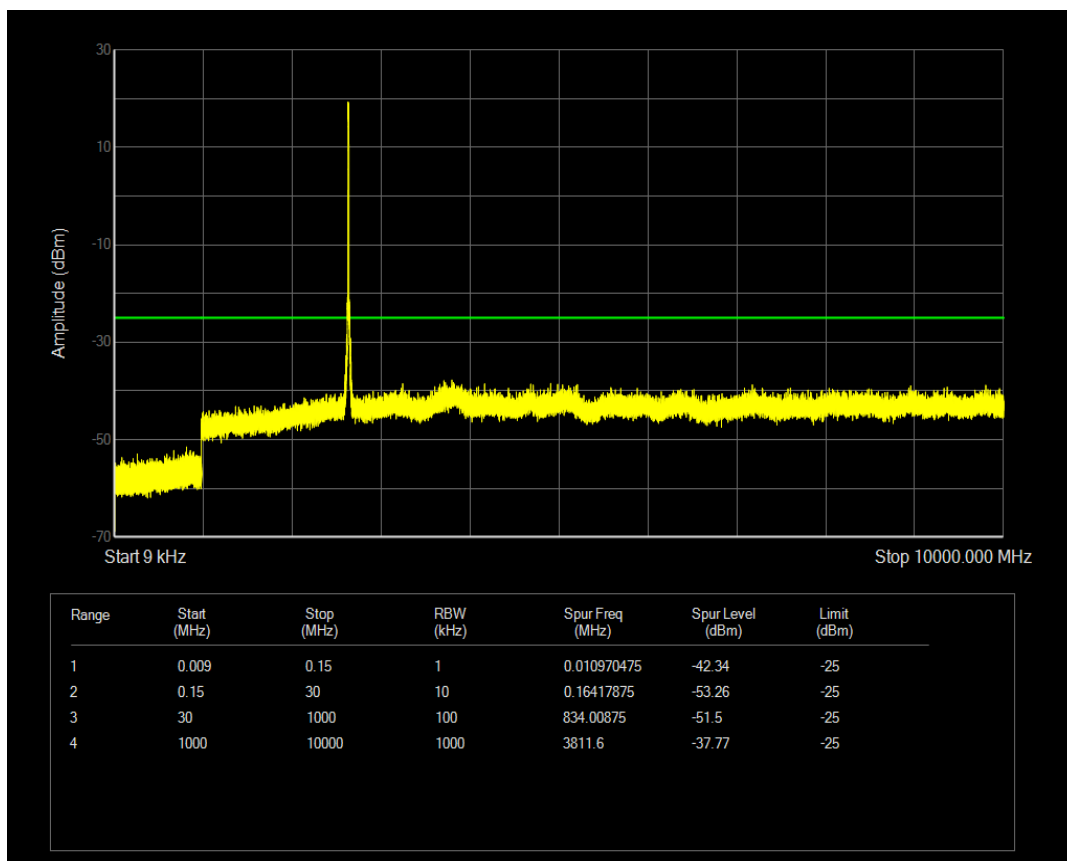
Band41(2535-2655) 16QAM BW=5MHz Channel=41215 RB Size=25 Position=#0



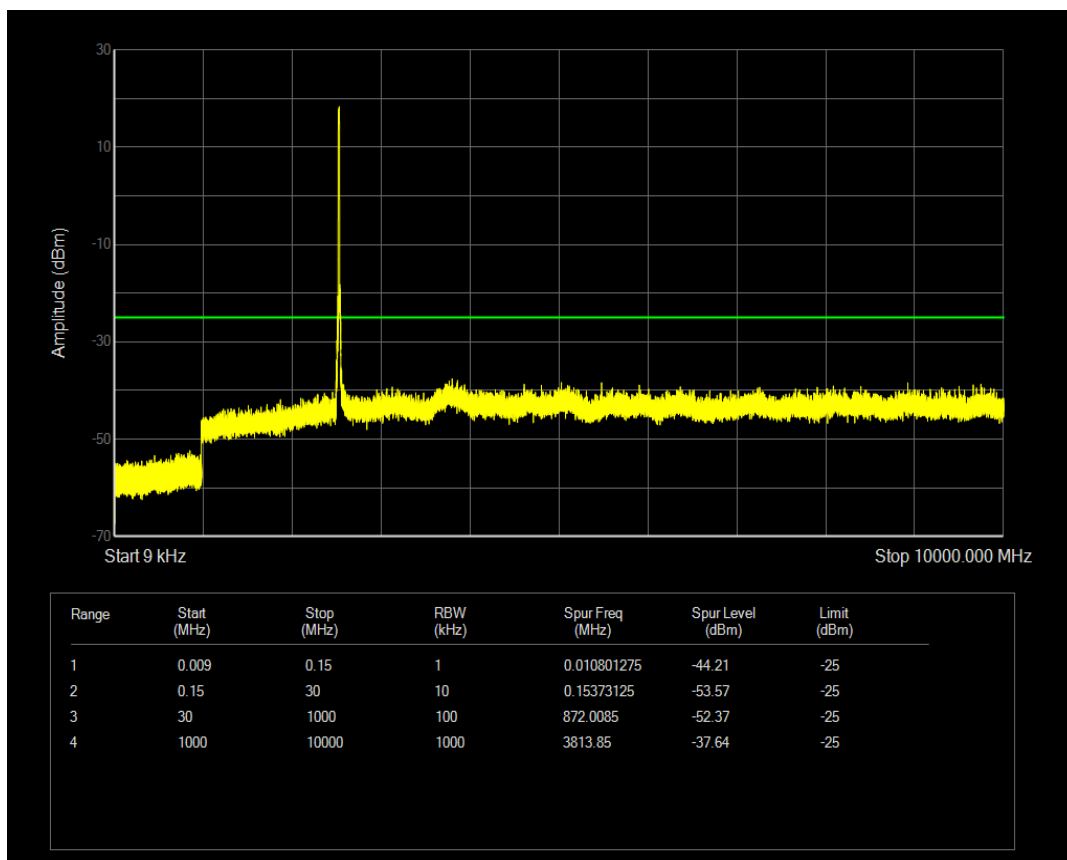
Band41(2535-2655) QPSK BW=10MHz Channel=40090 RB Size=50 Position=#0



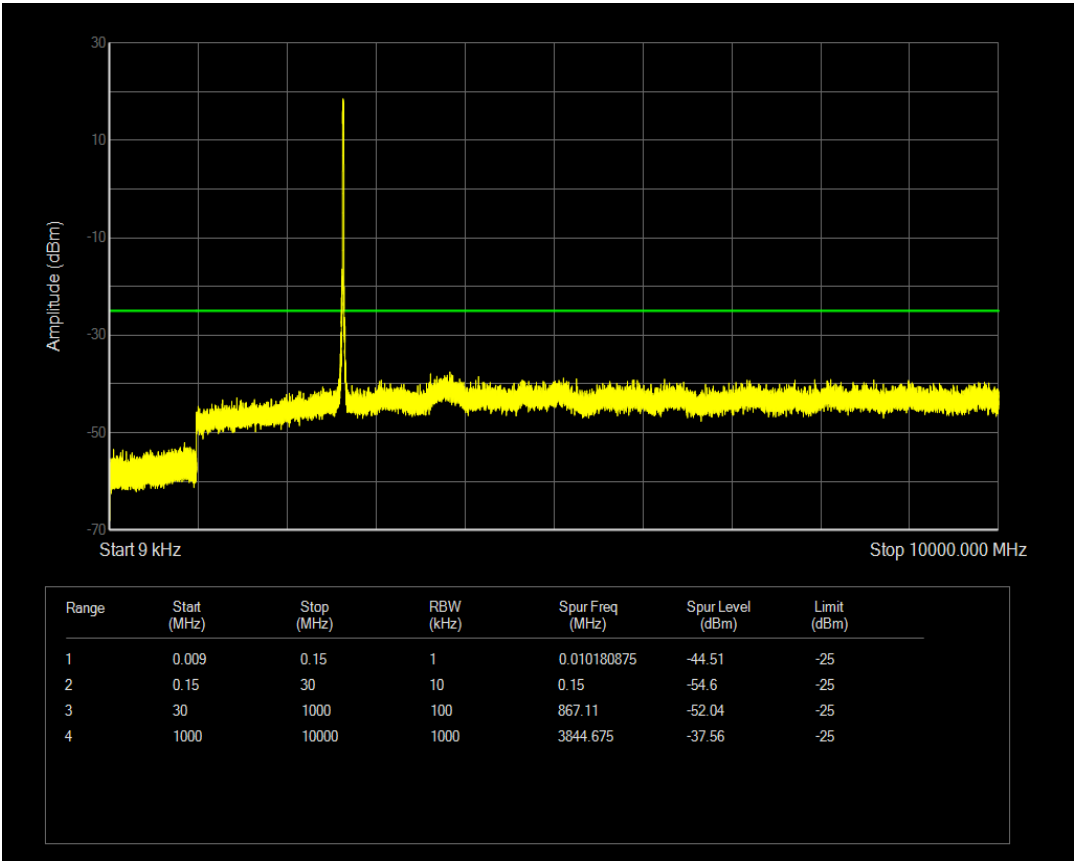
Band41(2535-2655) QPSK BW=10MHz Channel=41190 RB Size=50 Position=#0



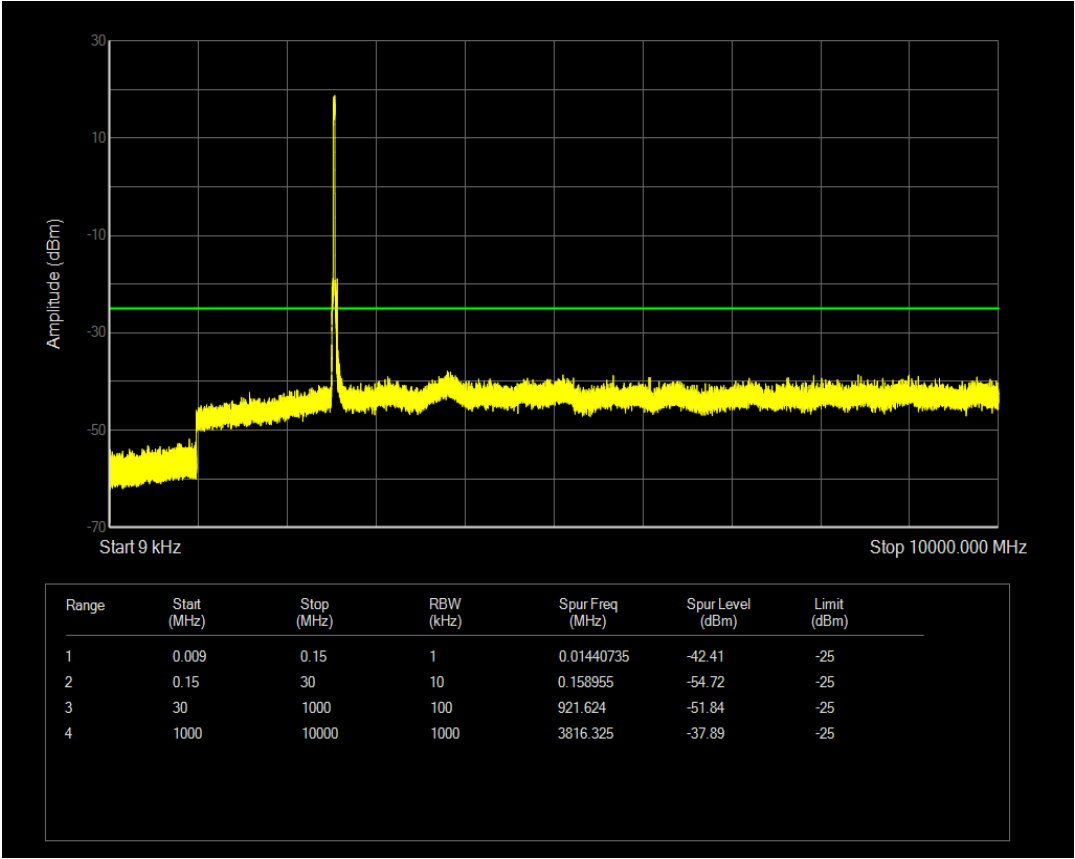
Band41(2535-2655) QPSK BW=15MHz Channel=40115 RB Size=75 Position=#0



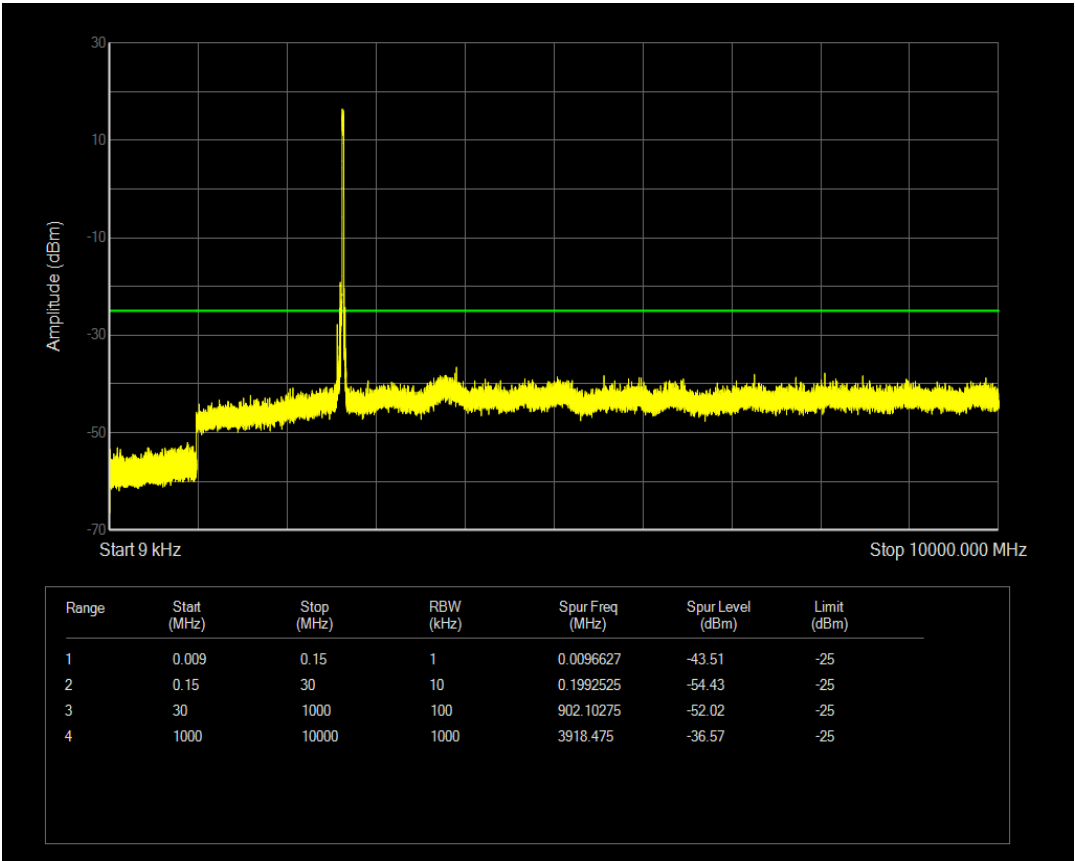
Band41(2535-2655) QPSK BW=15MHz Channel=41165 RB Size=75 Position=#0



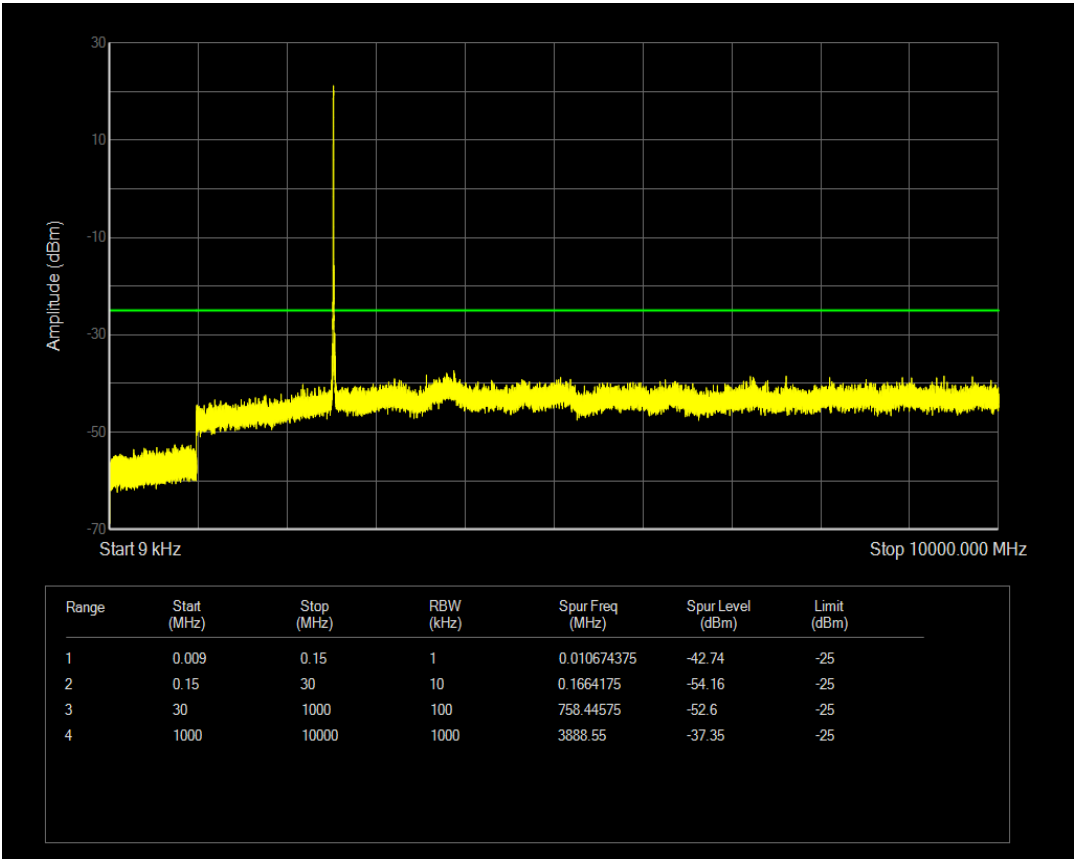
Band41(2535-2655) QPSK BW=20MHz Channel=40140 RB Size=100 Position=#0



Band41(2535-2655) QPSK BW=20MHz Channel=41140 RB Size=100 Position=#0



Band41(2535-2655) QPSK BW=5MHz Channel=40065 RB Size=25 Position=#0



Band41(2535-2655) QPSK BW=5MHz Channel=41215 RB Size=25 Position=#0

