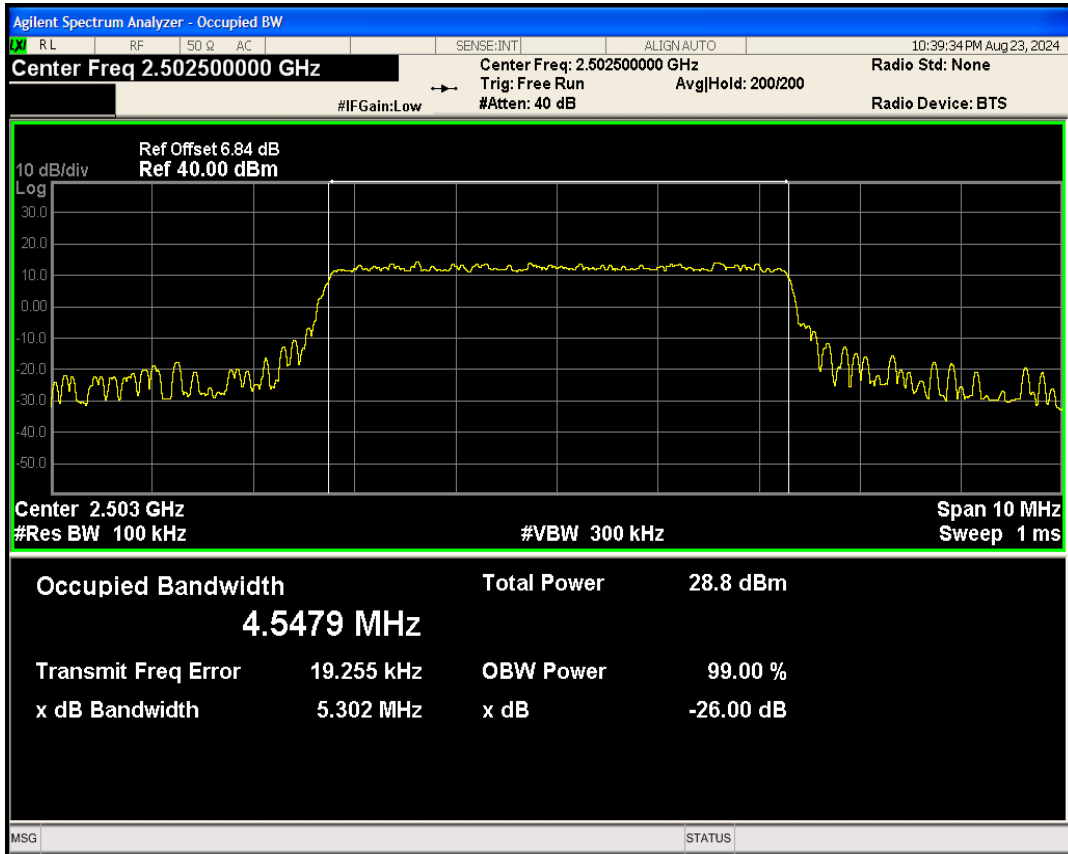


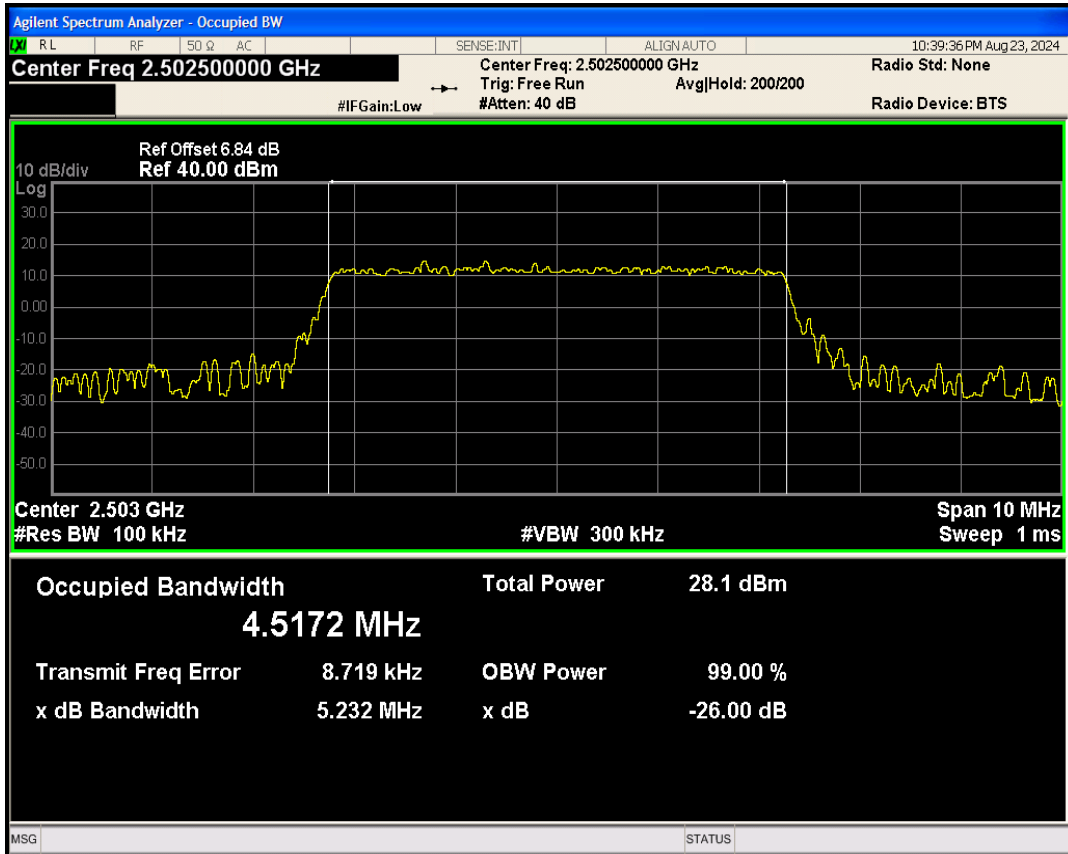
#### Appendix 4. Occupied bandwidth

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|---------------|-----------------|---------|
| Band7 | 5               | 20775      | 25      | #0          | QPSK       | 4.548         | 5.302           | PASS    |
| Band7 | 5               | 20775      | 25      | #0          | 16QAM      | 4.517         | 5.232           | PASS    |
| Band7 | 5               | 21100      | 25      | #0          | QPSK       | 4.525         | 5.185           | PASS    |
| Band7 | 5               | 21100      | 25      | #0          | 16QAM      | 4.539         | 5.030           | PASS    |
| Band7 | 5               | 21425      | 25      | #0          | QPSK       | 4.511         | 4.960           | PASS    |
| Band7 | 5               | 21425      | 25      | #0          | 16QAM      | 4.515         | 5.115           | PASS    |
| Band7 | 10              | 20800      | 50      | #0          | QPSK       | 9.004         | 9.952           | PASS    |
| Band7 | 10              | 20800      | 50      | #0          | 16QAM      | 8.996         | 9.946           | PASS    |
| Band7 | 10              | 21100      | 50      | #0          | QPSK       | 8.999         | 10.164          | PASS    |
| Band7 | 10              | 21100      | 50      | #0          | 16QAM      | 9.026         | 9.839           | PASS    |
| Band7 | 10              | 21400      | 50      | #0          | QPSK       | 9.030         | 9.773           | PASS    |
| Band7 | 10              | 21400      | 50      | #0          | 16QAM      | 8.999         | 10.440          | PASS    |
| Band7 | 15              | 20825      | 75      | #0          | QPSK       | 13.502        | 15.140          | PASS    |
| Band7 | 15              | 20825      | 75      | #0          | 16QAM      | 13.452        | 14.745          | PASS    |
| Band7 | 15              | 21100      | 75      | #0          | QPSK       | 13.471        | 14.953          | PASS    |
| Band7 | 15              | 21100      | 75      | #0          | 16QAM      | 13.515        | 14.823          | PASS    |
| Band7 | 15              | 21375      | 75      | #0          | QPSK       | 13.483        | 14.633          | PASS    |
| Band7 | 15              | 21375      | 75      | #0          | 16QAM      | 13.446        | 14.817          | PASS    |
| Band7 | 20              | 20850      | 100     | #0          | QPSK       | 18.043        | 19.925          | PASS    |
| Band7 | 20              | 20850      | 100     | #0          | 16QAM      | 18.059        | 19.784          | PASS    |
| Band7 | 20              | 21100      | 100     | #0          | QPSK       | 18.031        | 19.488          | PASS    |
| Band7 | 20              | 21100      | 100     | #0          | 16QAM      | 17.962        | 19.591          | PASS    |
| Band7 | 20              | 21350      | 100     | #0          | QPSK       | 17.965        | 19.627          | PASS    |
| Band7 | 20              | 21350      | 100     | #0          | 16QAM      | 17.978        | 20.280          | PASS    |

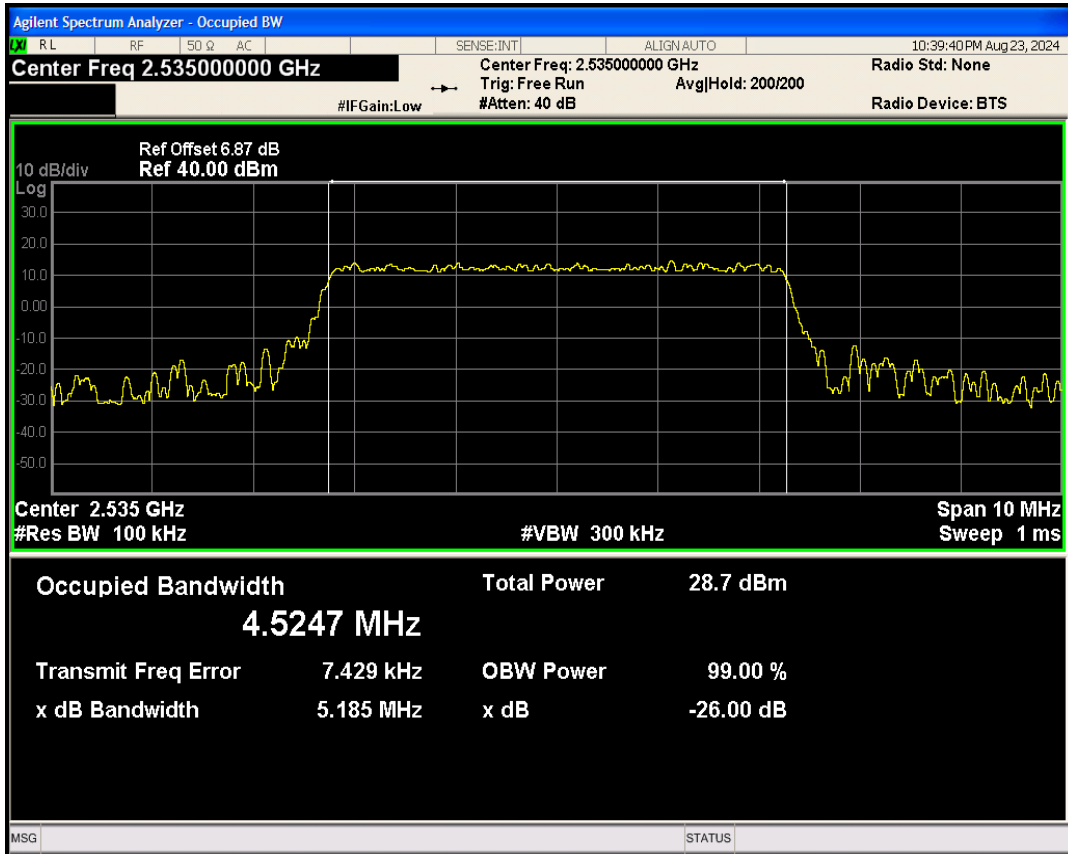
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



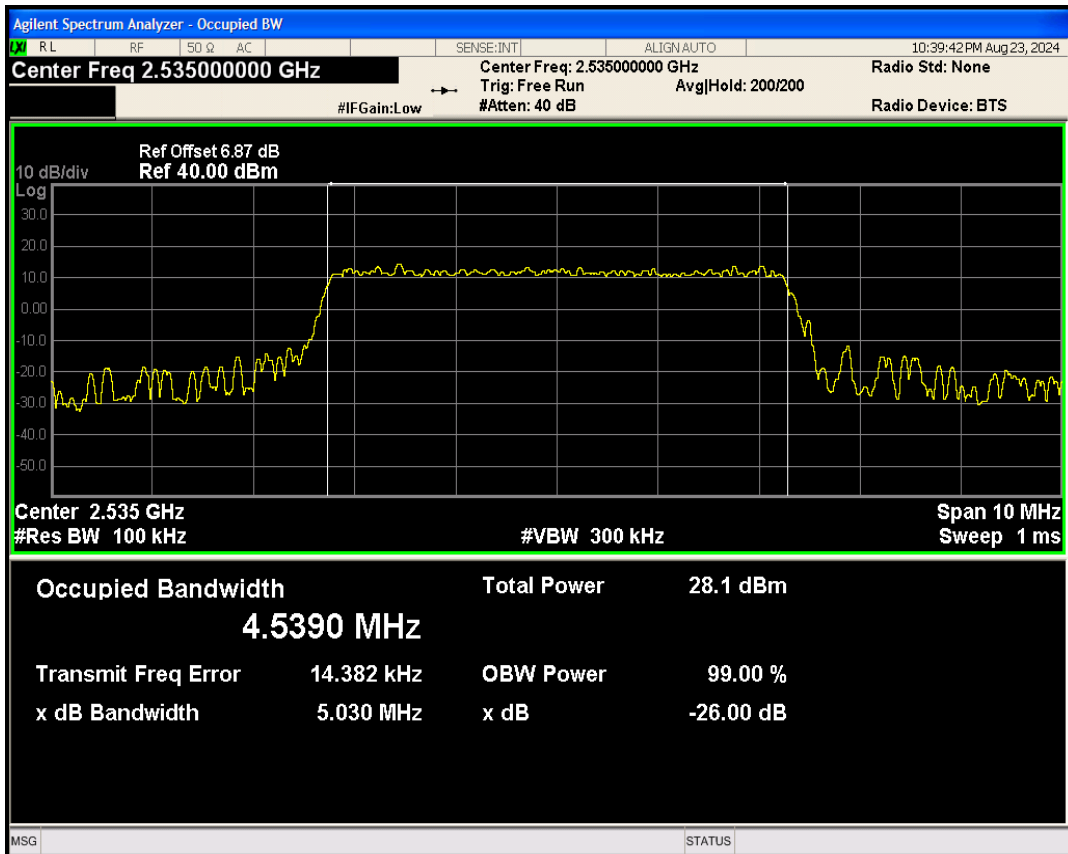
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



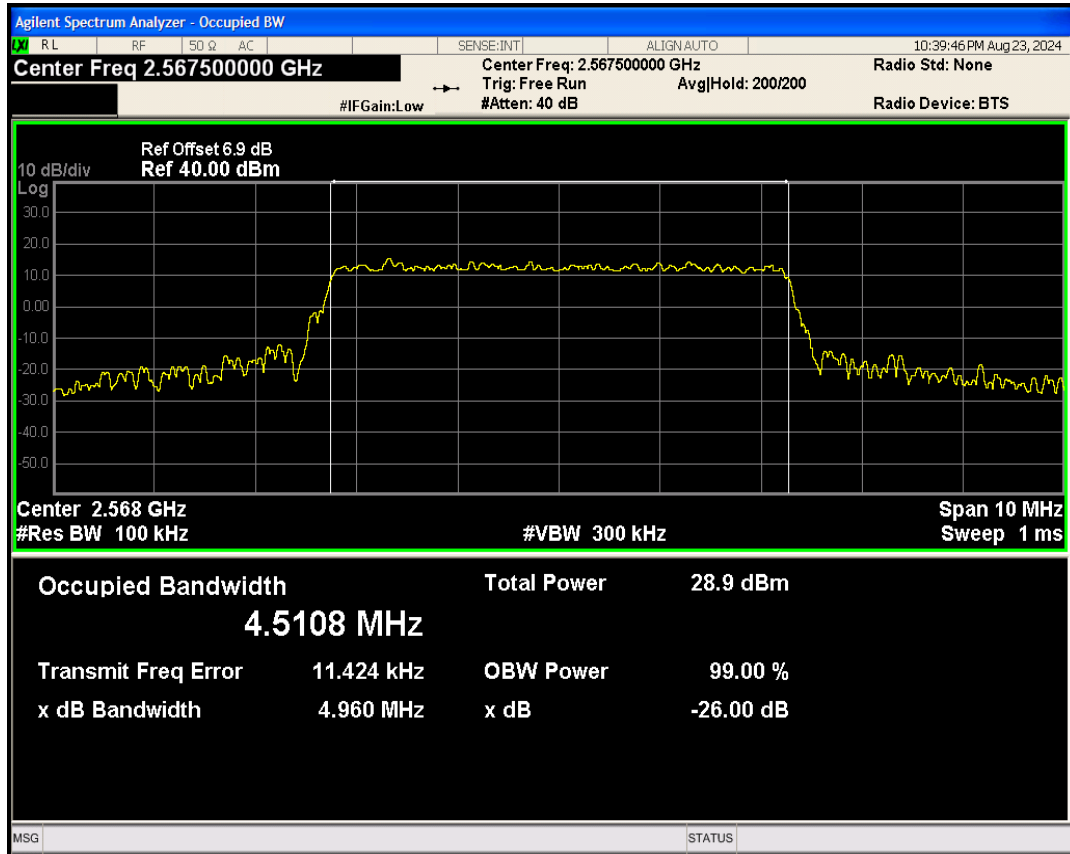
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



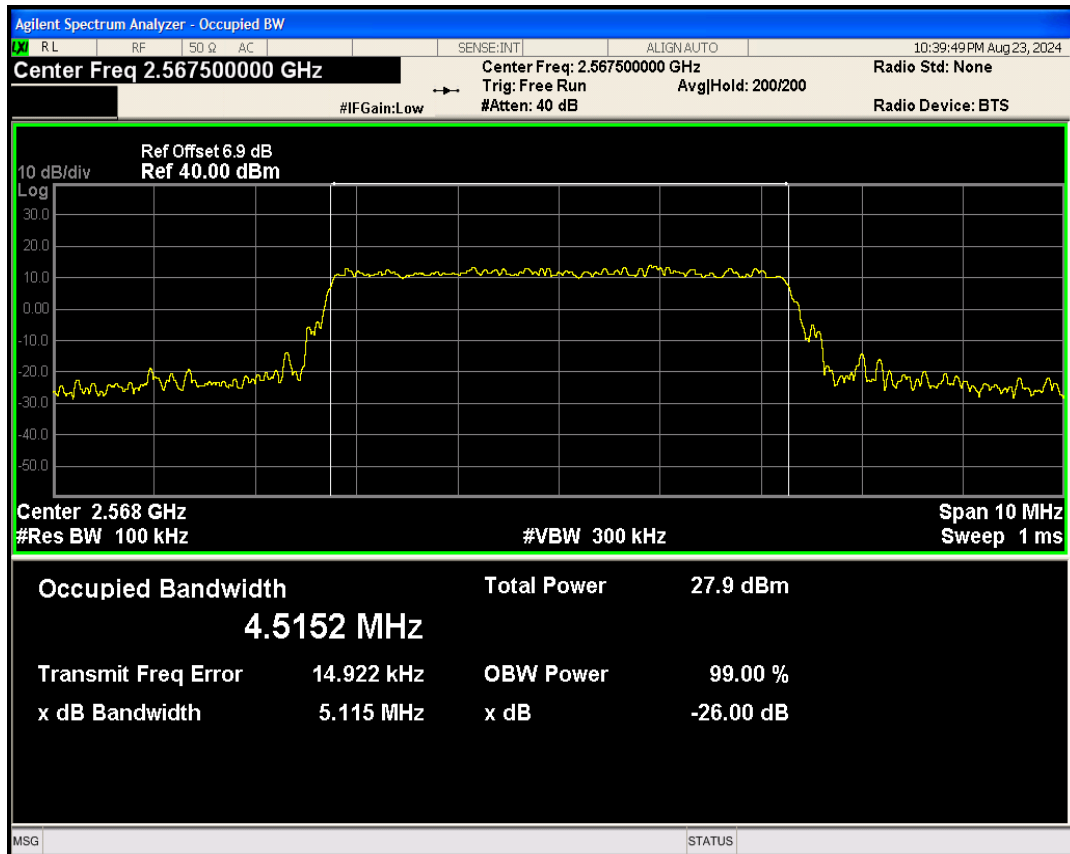
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



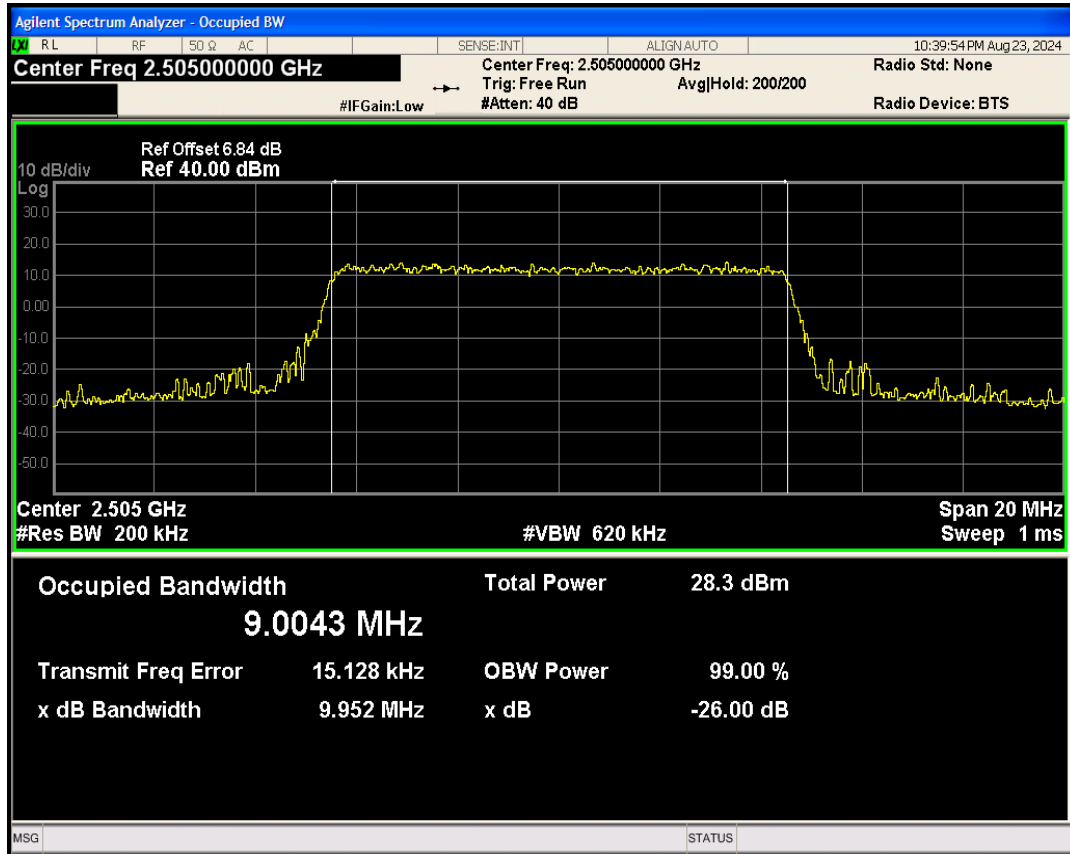
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



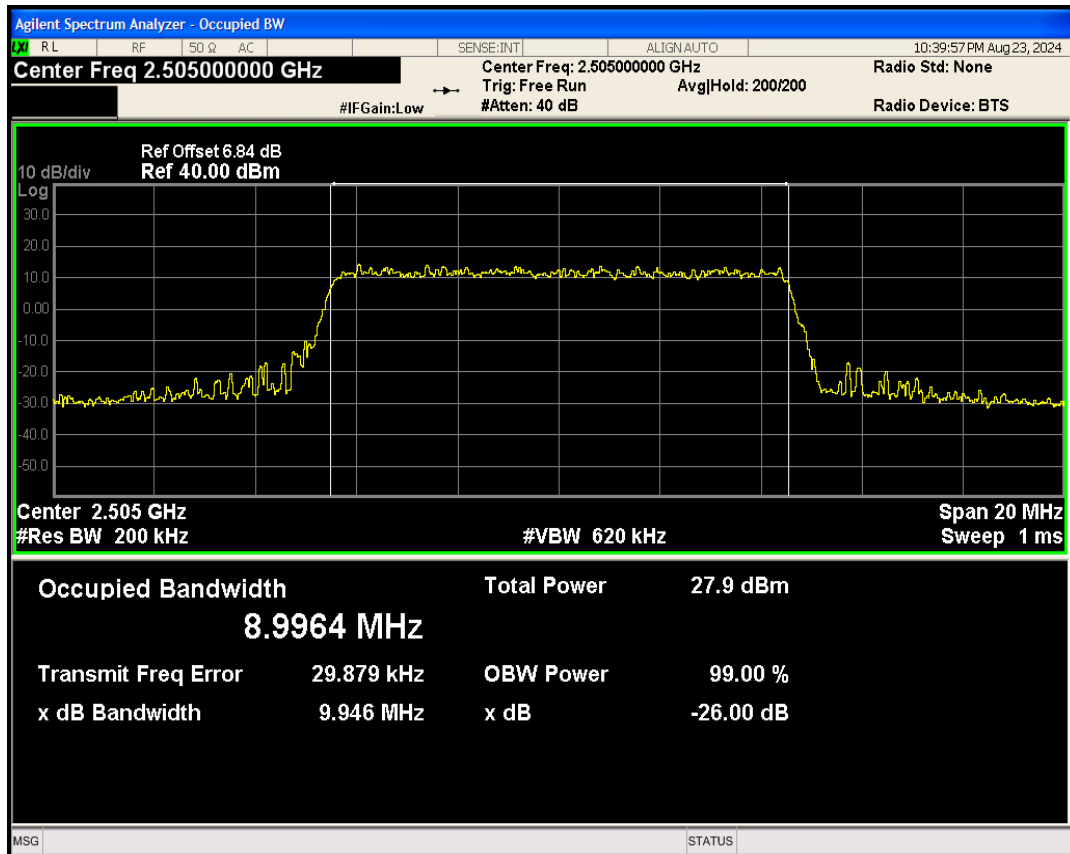
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



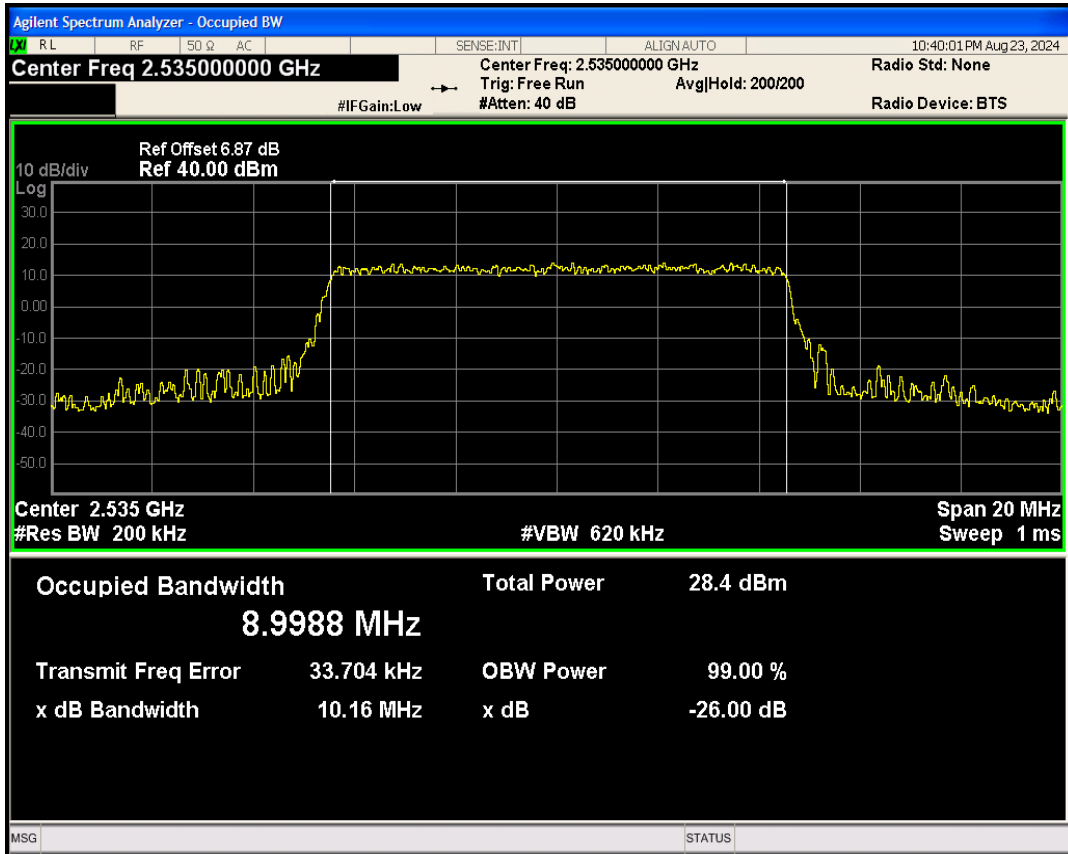
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



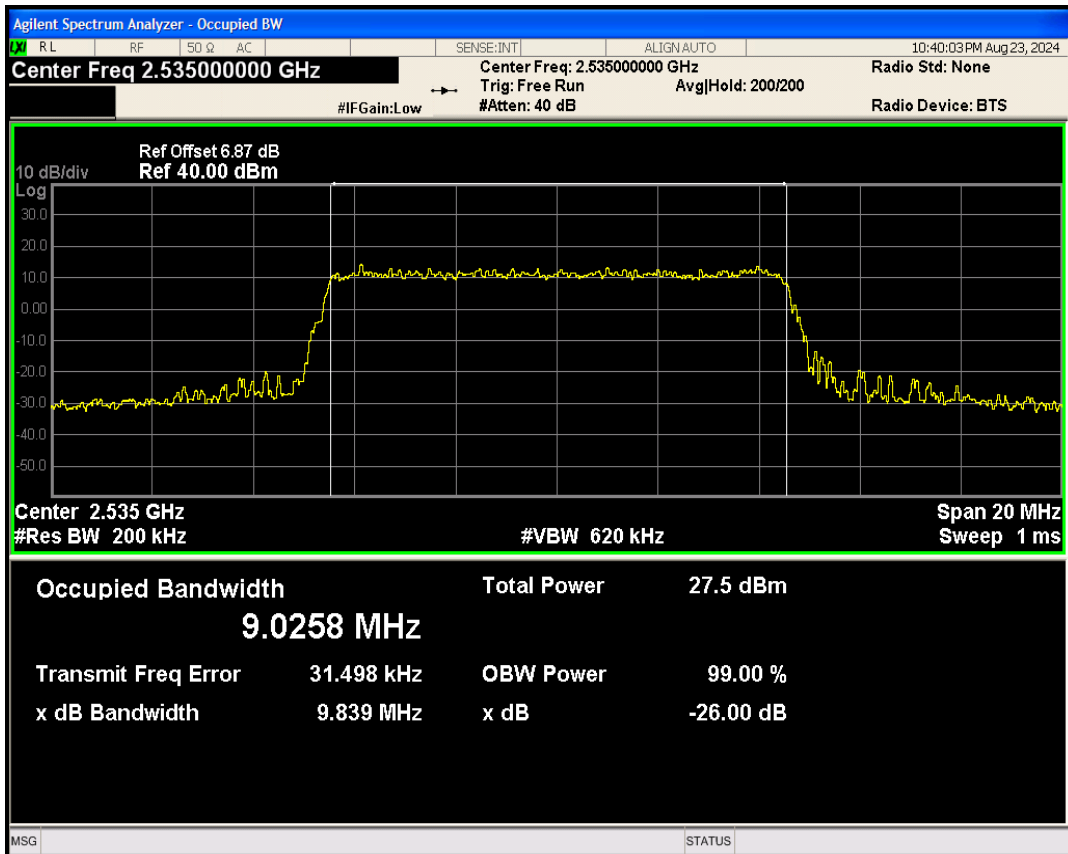
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



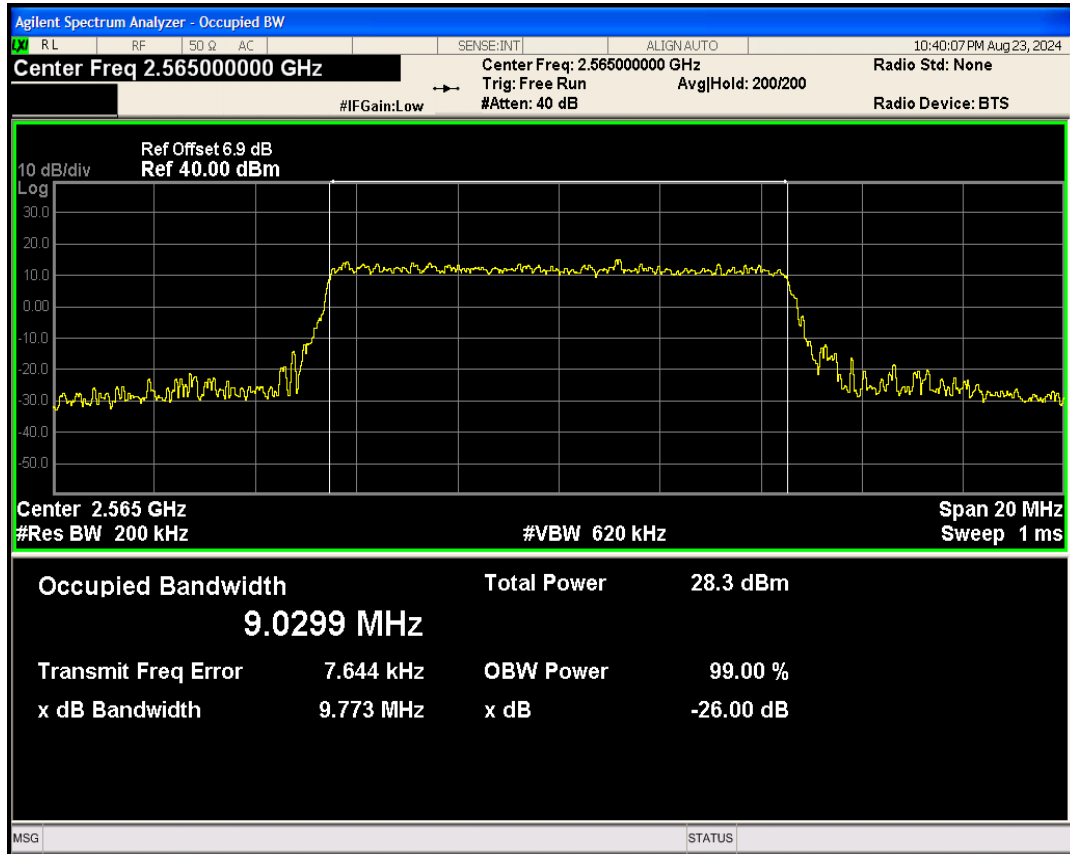
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



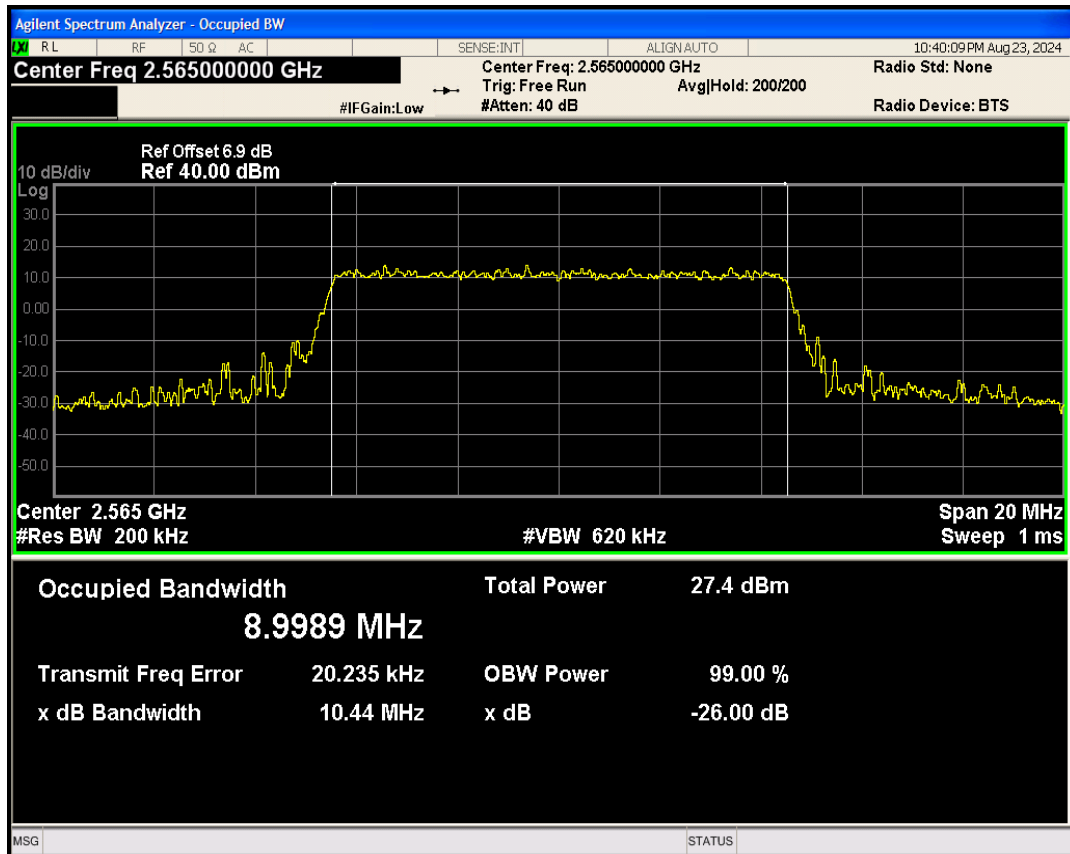
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



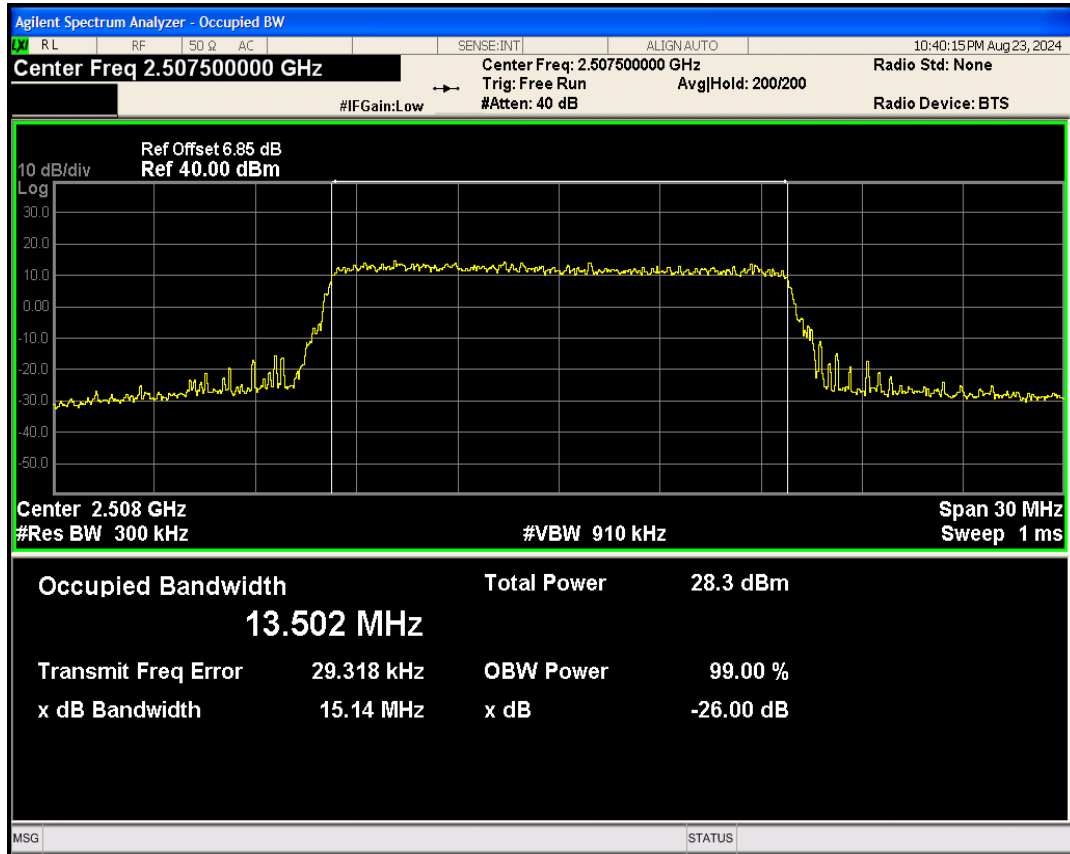
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



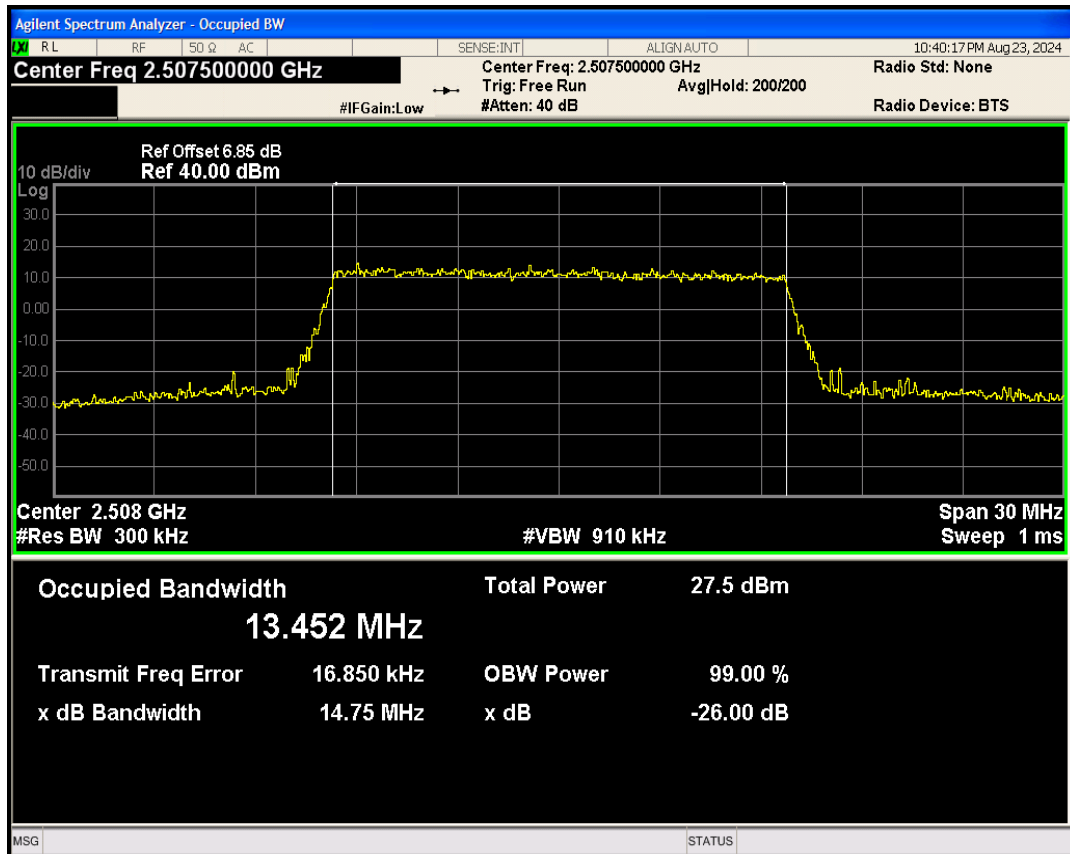
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



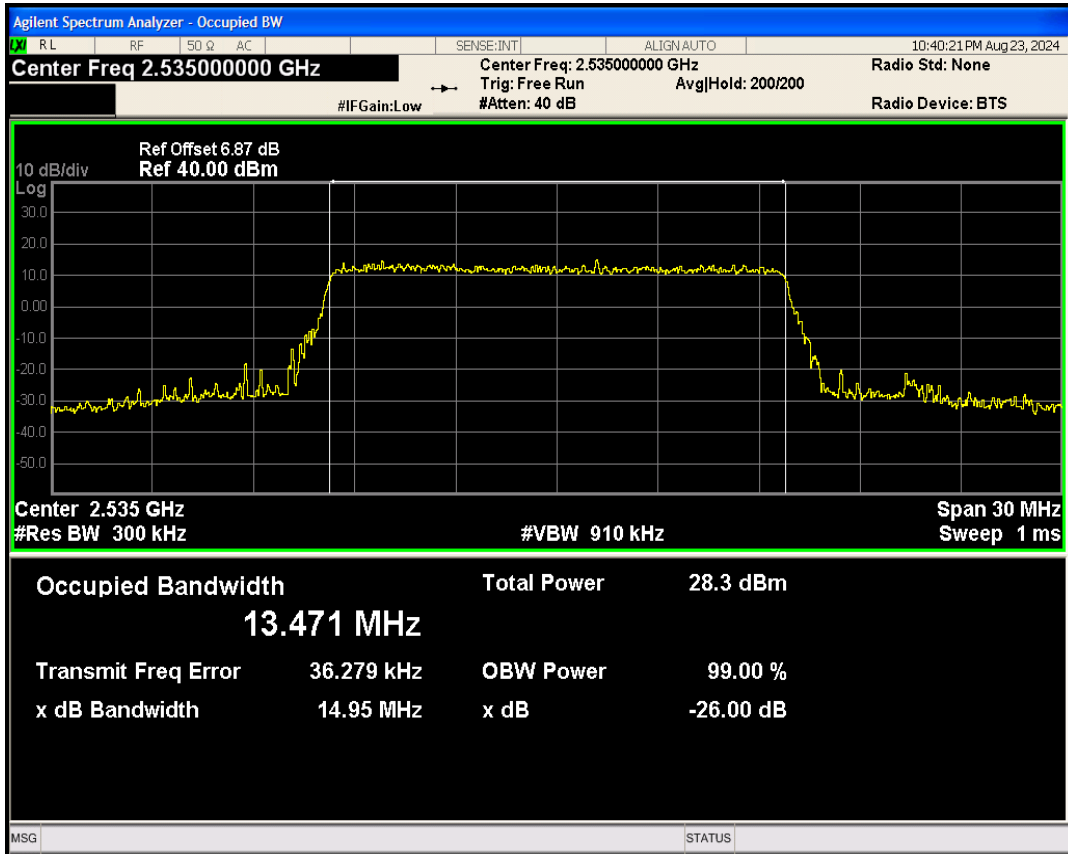
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



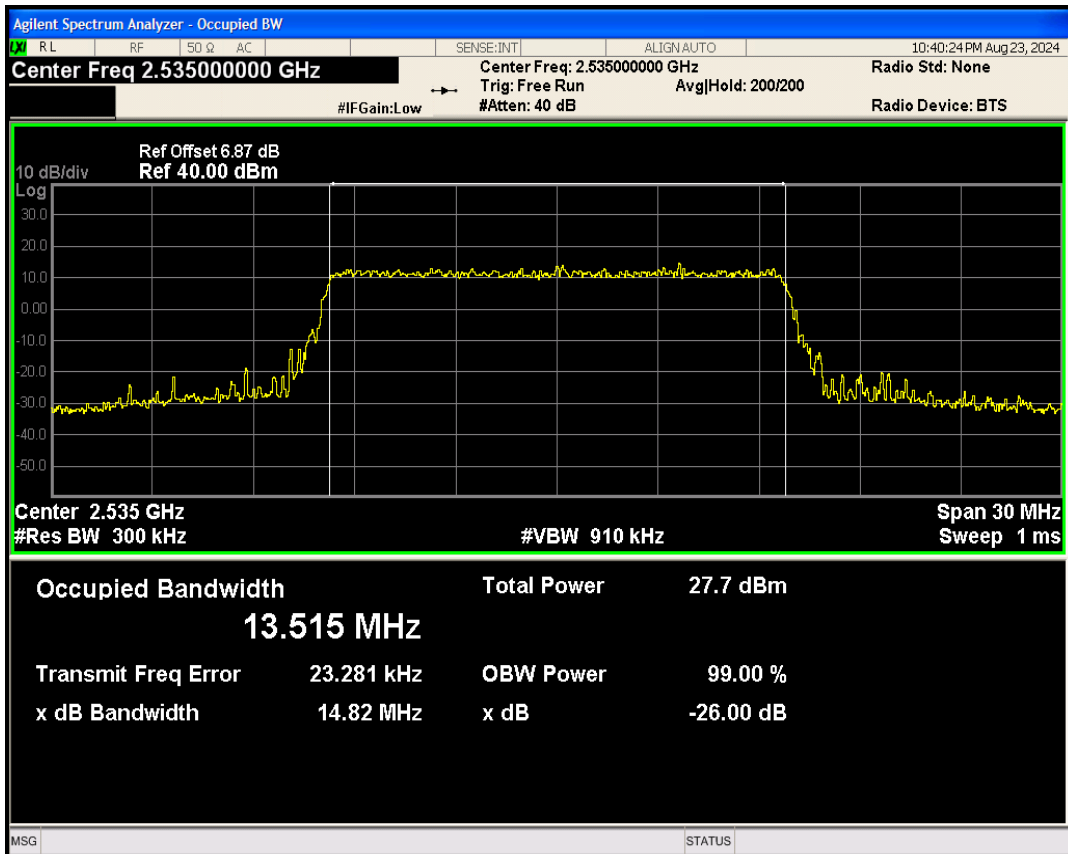
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



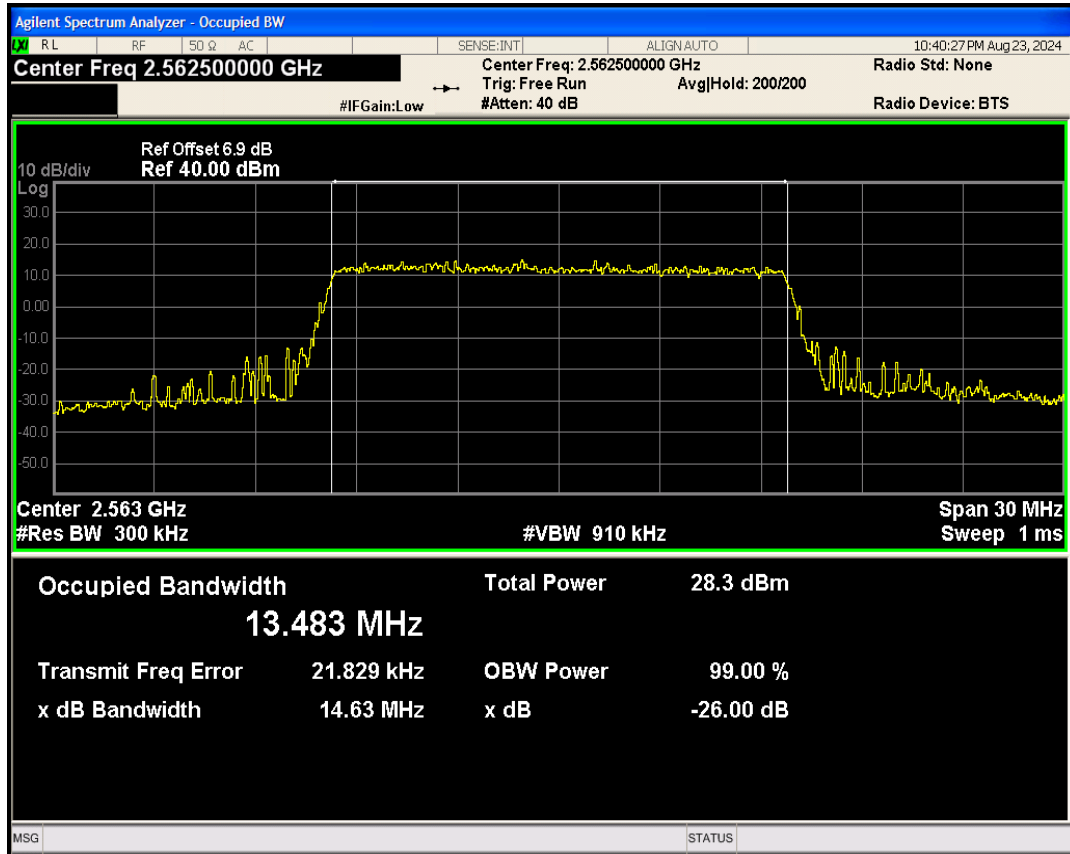
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



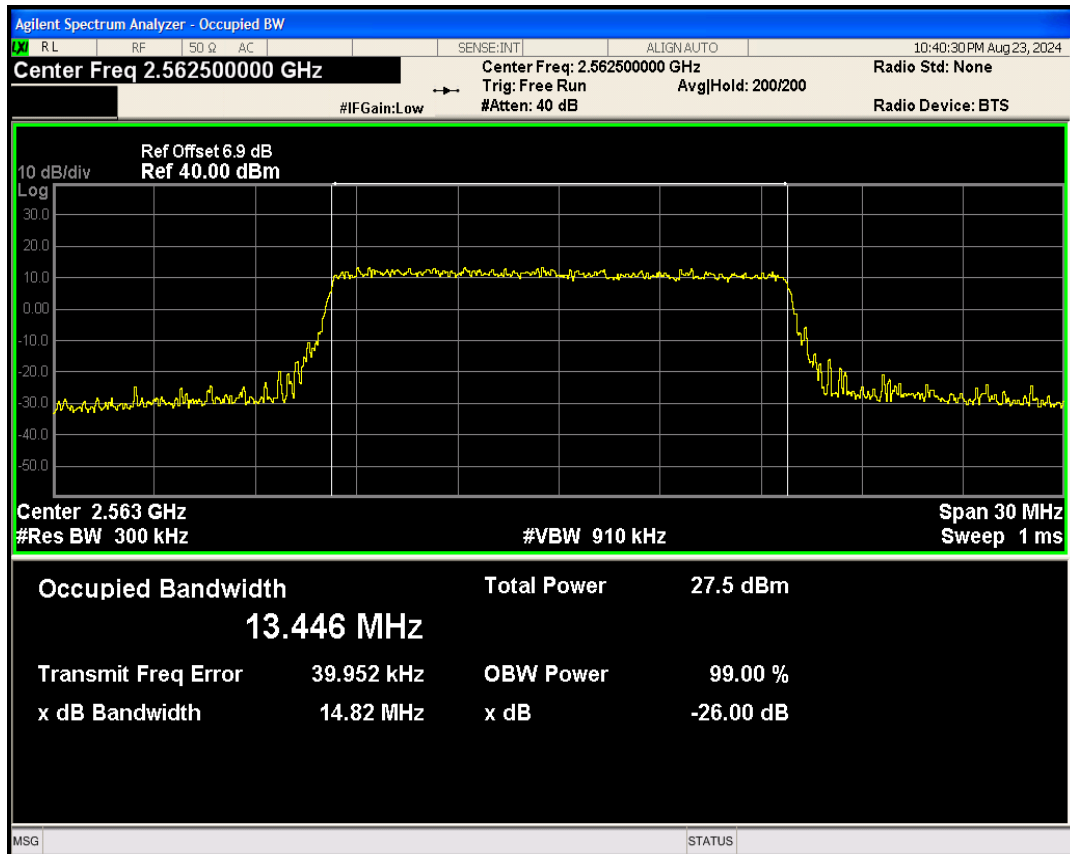
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



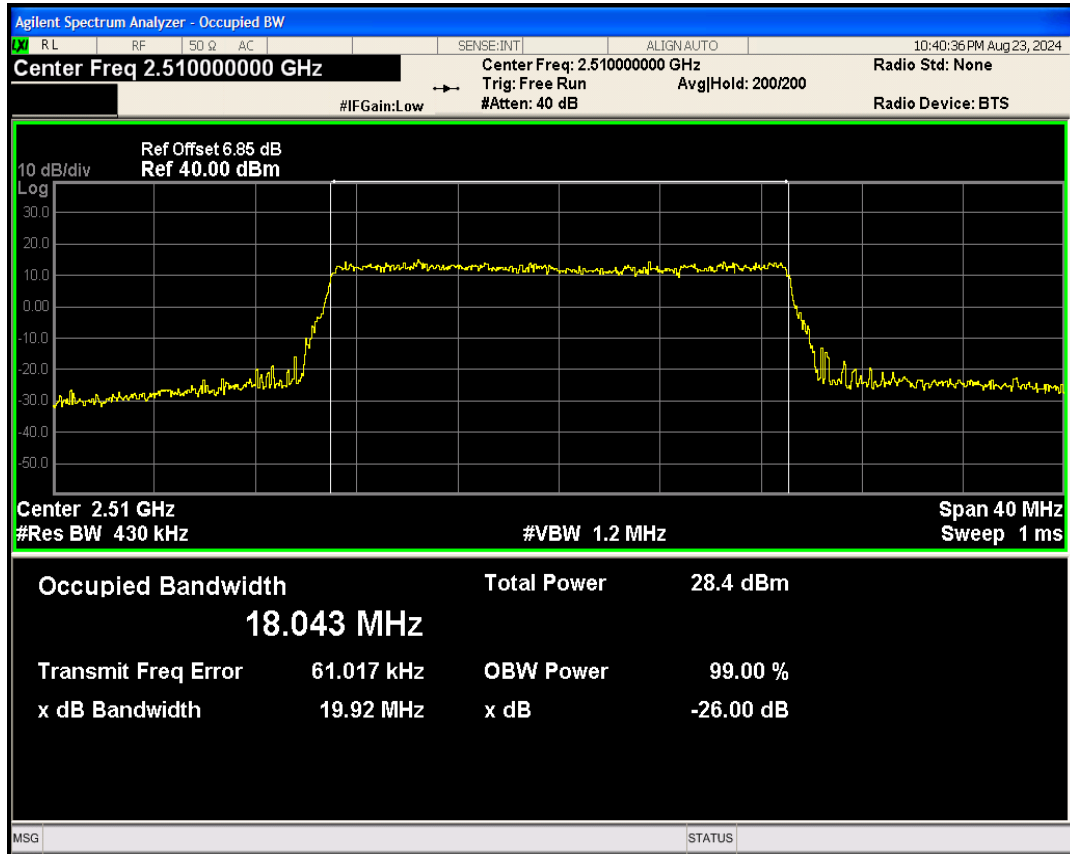
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



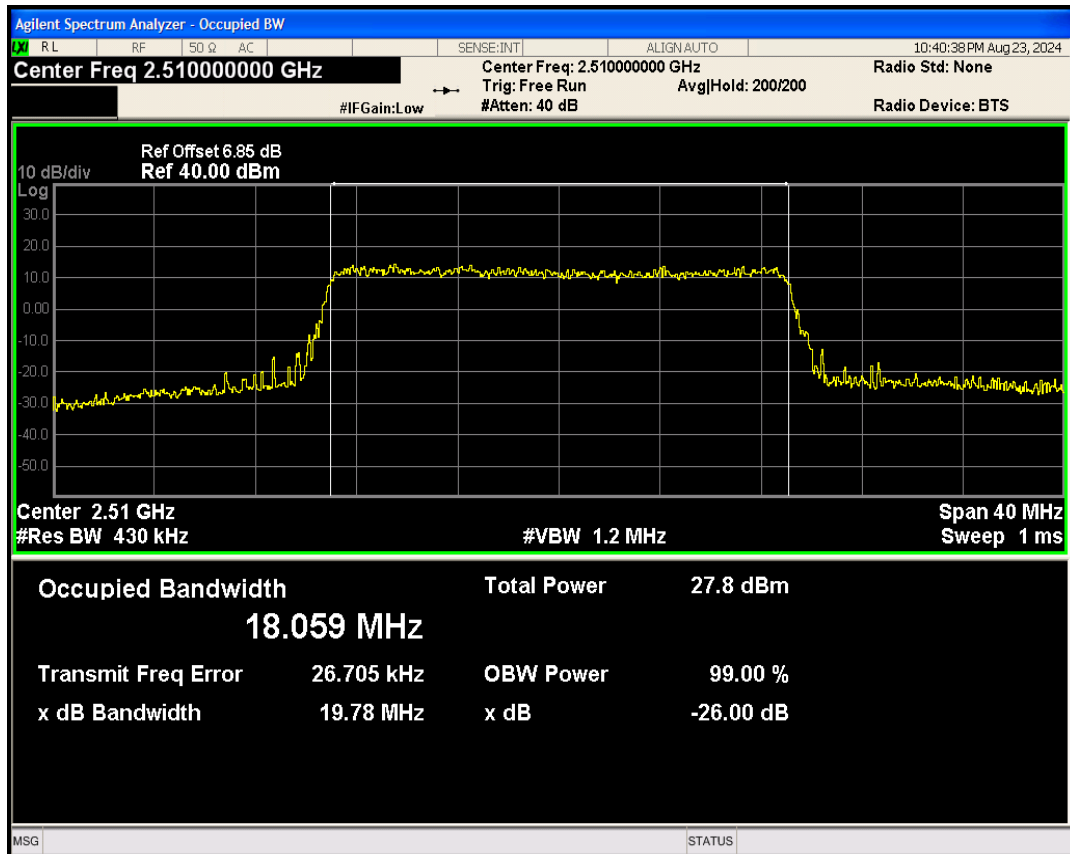
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



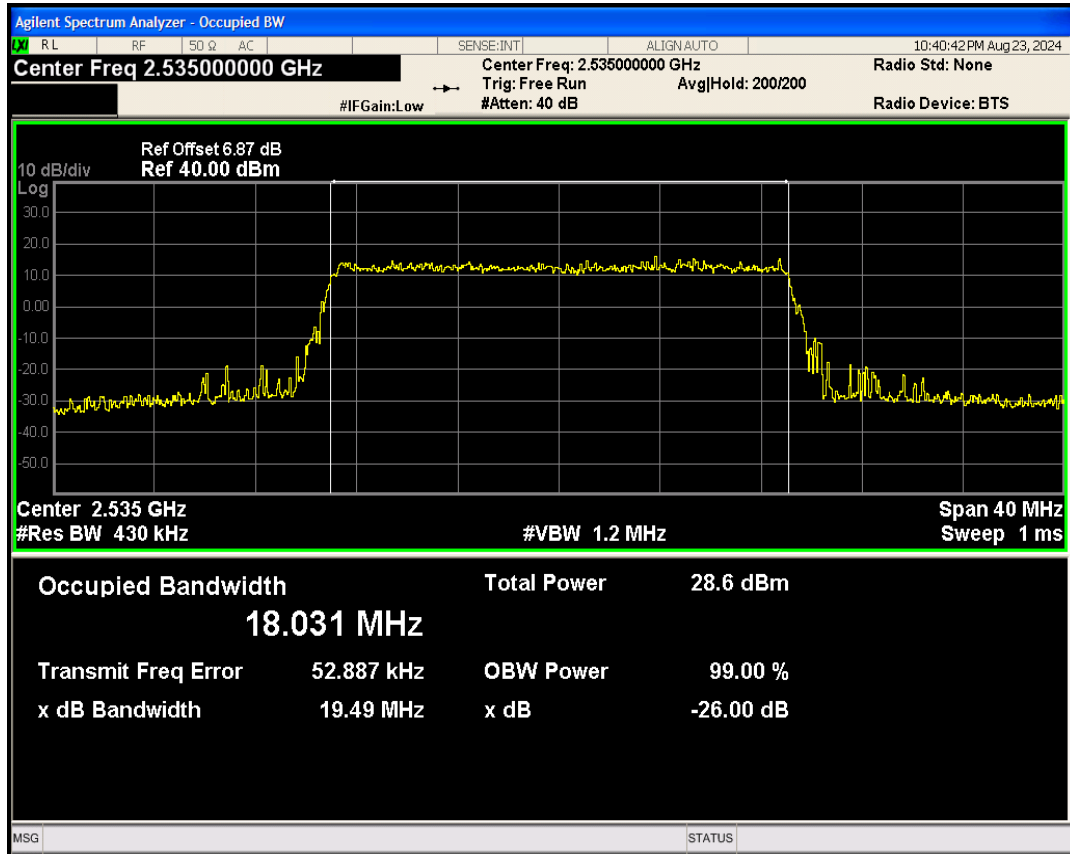
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



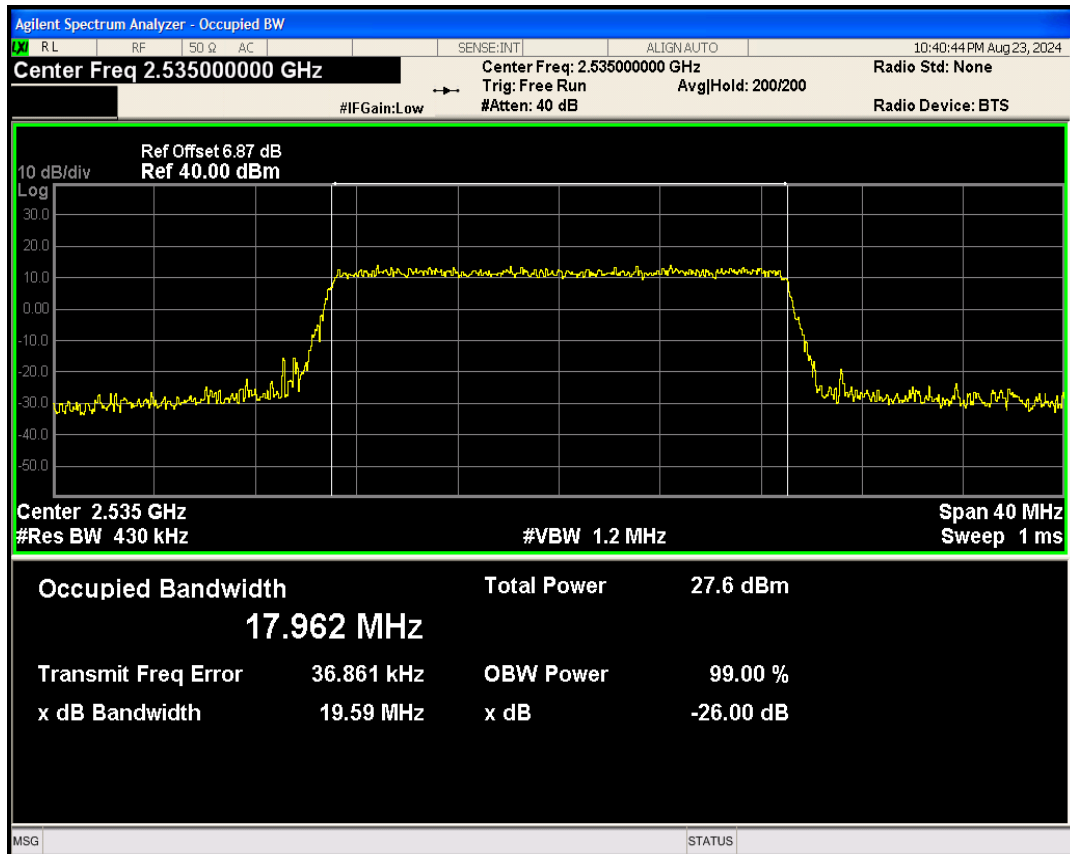
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



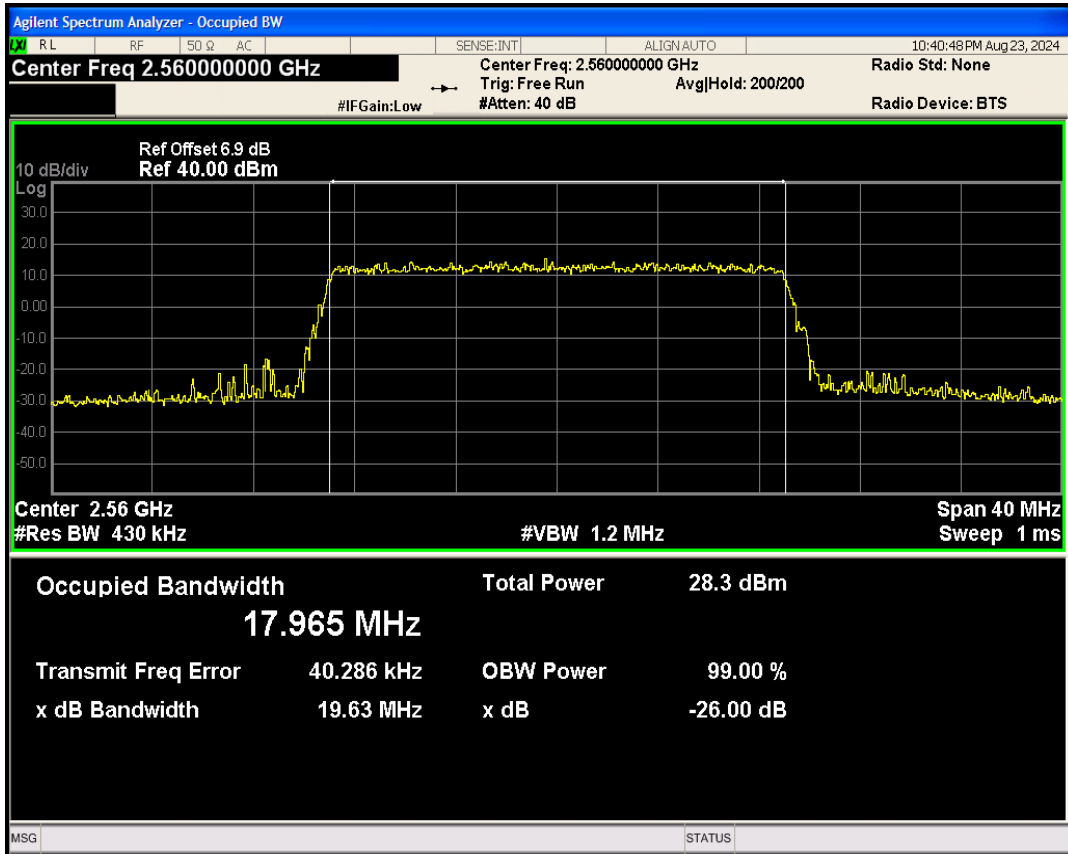
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



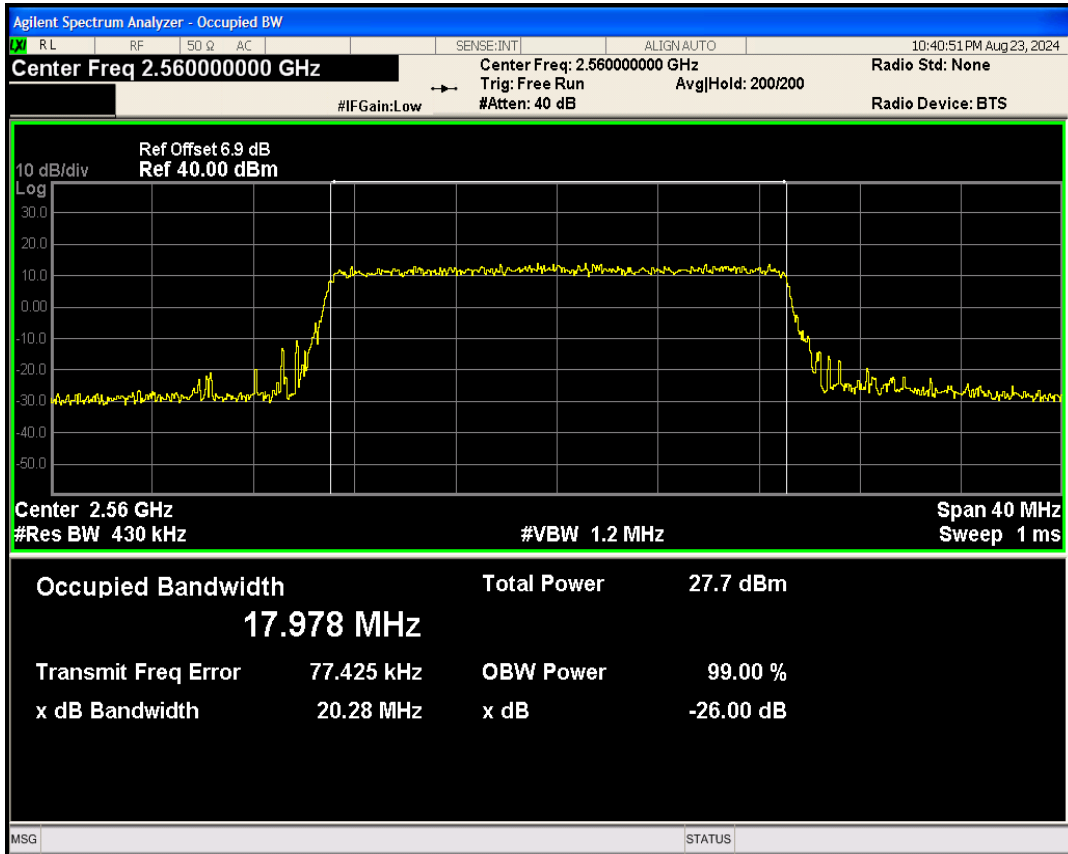
Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



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



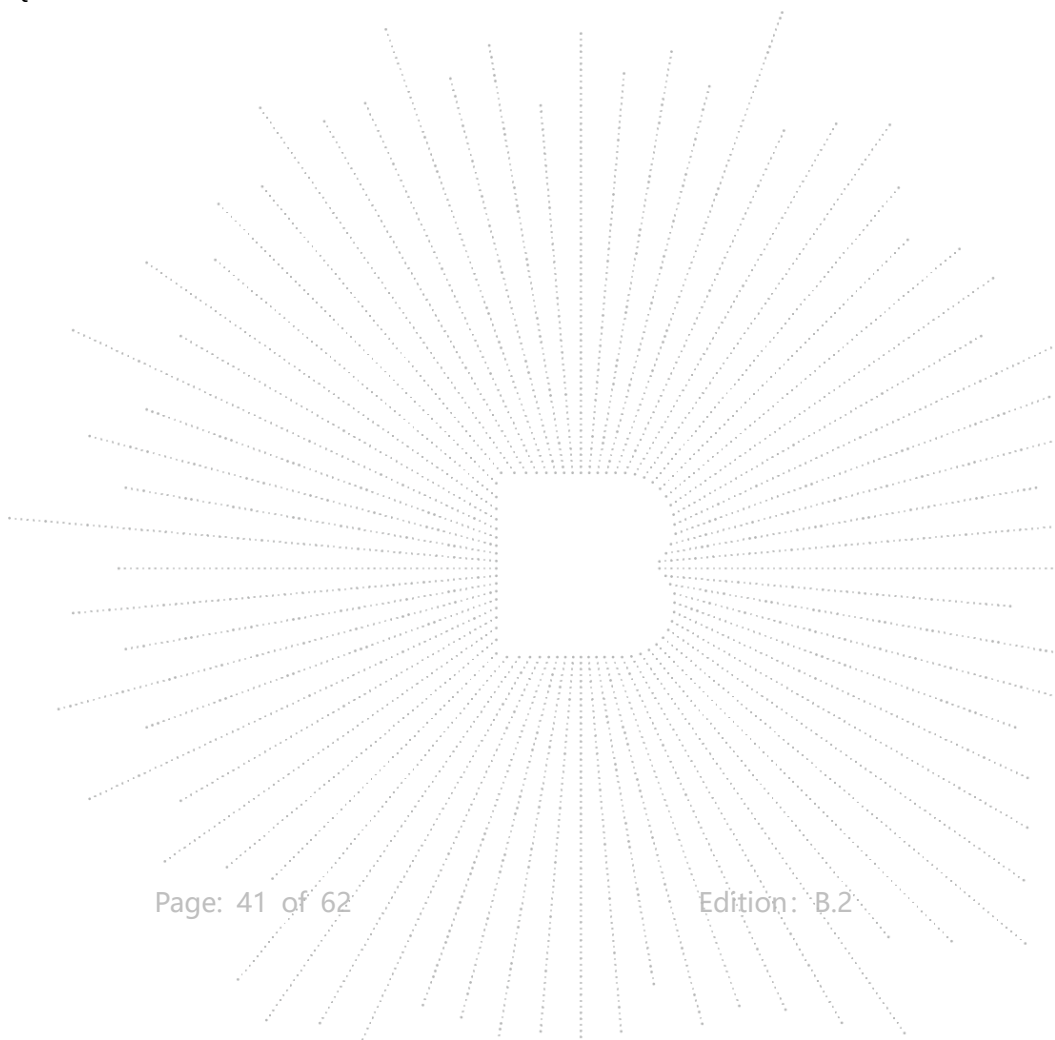
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0

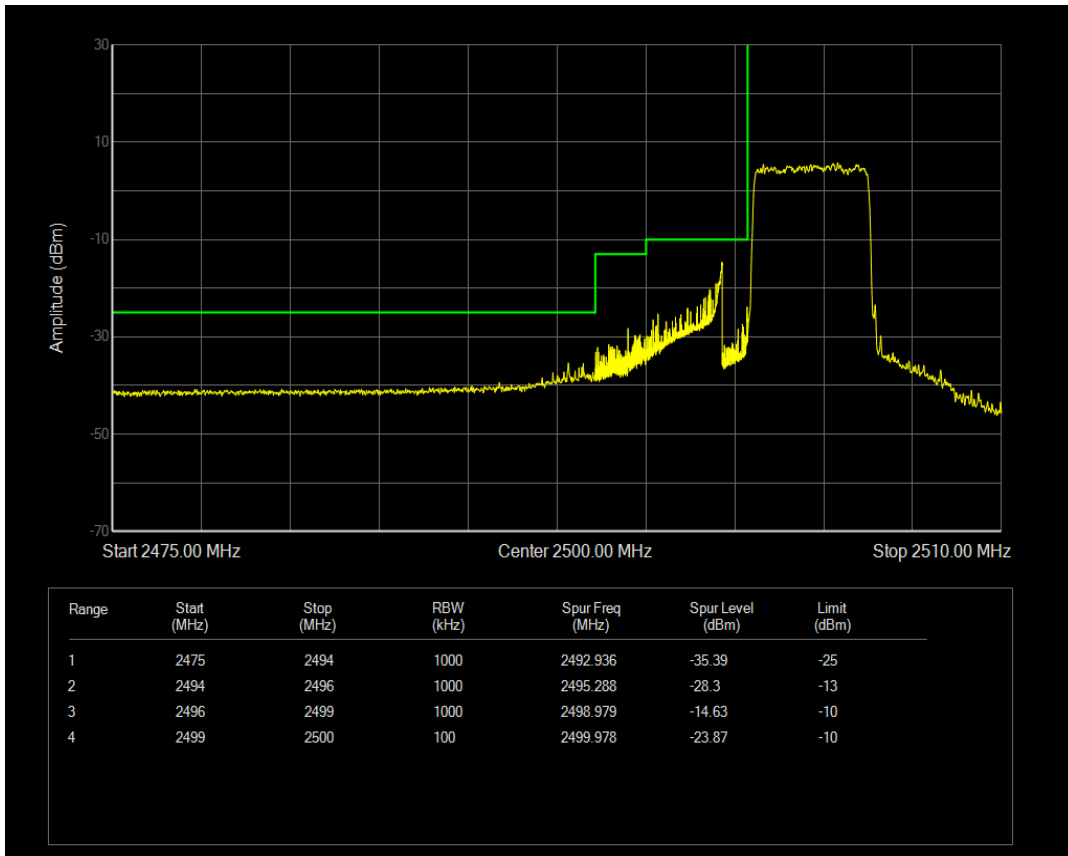


## Appendix 5. Band edge

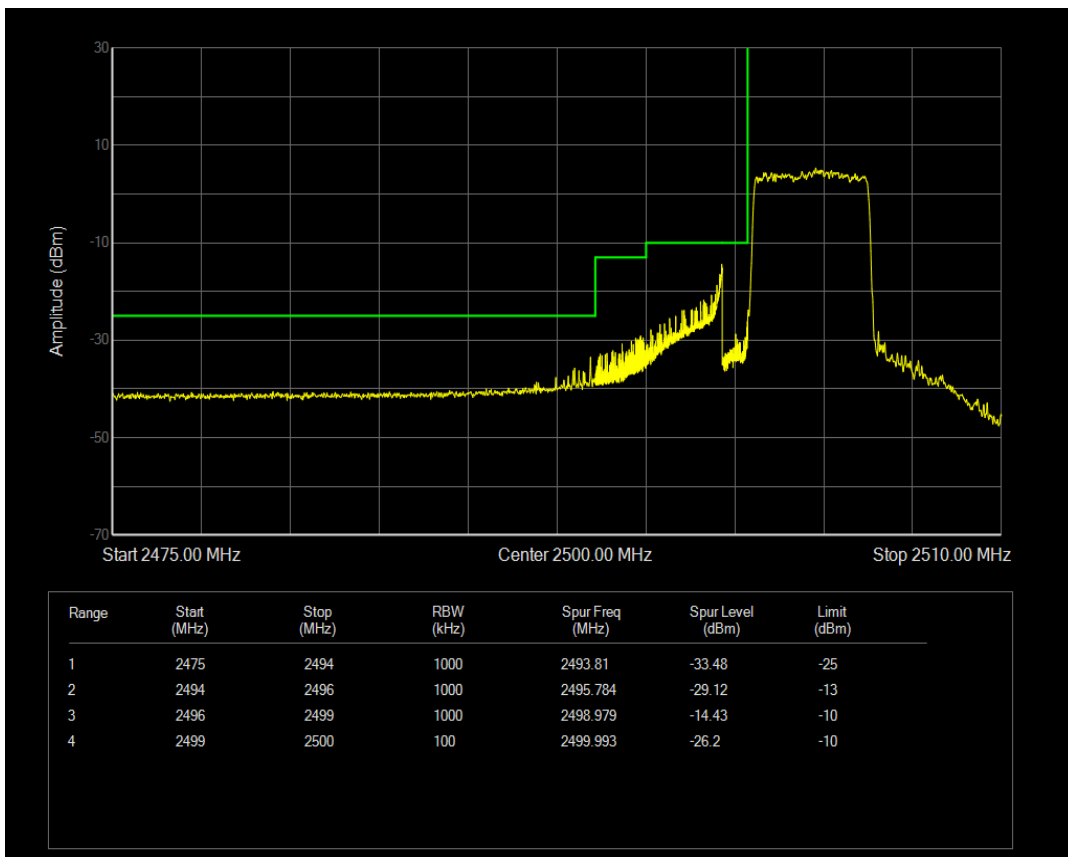
| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Spur Freq<br>(MHz) | Spur Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|-------|--------------------|---------------|------------|----------------|------------|--------------------|---------------------|----------------|---------|
| Band7 | 5                  | 20775         | 25         | #0             | QPSK       | 2498.98            | -14.63              | -10            | PASS    |
| Band7 | 5                  | 20775         | 25         | #0             | 16QAM      | 2498.98            | -14.43              | -10            | PASS    |
| Band7 | 5                  | 21425         | 25         | #0             | QPSK       | 2571.02            | -15.51              | -10            | PASS    |
| Band7 | 5                  | 21425         | 25         | #0             | 16QAM      | 2571.00            | -16.09              | -10            | PASS    |
| Band7 | 10                 | 20800         | 50         | #0             | QPSK       | 2489.93            | -38.99              | -25            | PASS    |
| Band7 | 10                 | 20800         | 50         | #0             | 16QAM      | 2488.49            | -38.97              | -25            | PASS    |
| Band7 | 10                 | 21400         | 50         | #0             | QPSK       | 2580.08            | -36.57              | -25            | PASS    |
| Band7 | 10                 | 21400         | 50         | #0             | 16QAM      | 2580.54            | -37.15              | -25            | PASS    |
| Band7 | 15                 | 20825         | 75         | #0             | QPSK       | 2484.47            | -39.77              | -25            | PASS    |
| Band7 | 15                 | 20825         | 75         | #0             | 16QAM      | 2484.84            | -40.25              | -25            | PASS    |
| Band7 | 15                 | 21375         | 75         | #0             | QPSK       | 2585.38            | -37.52              | -25            | PASS    |
| Band7 | 15                 | 21375         | 75         | #0             | 16QAM      | 2585.53            | -38.77              | -25            | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | 2479.27            | -40.53              | -25            | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | 16QAM      | 2476.80            | -40.40              | -25            | PASS    |
| Band7 | 20                 | 21350         | 100        | #0             | QPSK       | 2590.01            | -39.82              | -25            | PASS    |
| Band7 | 20                 | 21350         | 100        | #0             | 16QAM      | 2590.18            | -39.87              | -25            | PASS    |

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

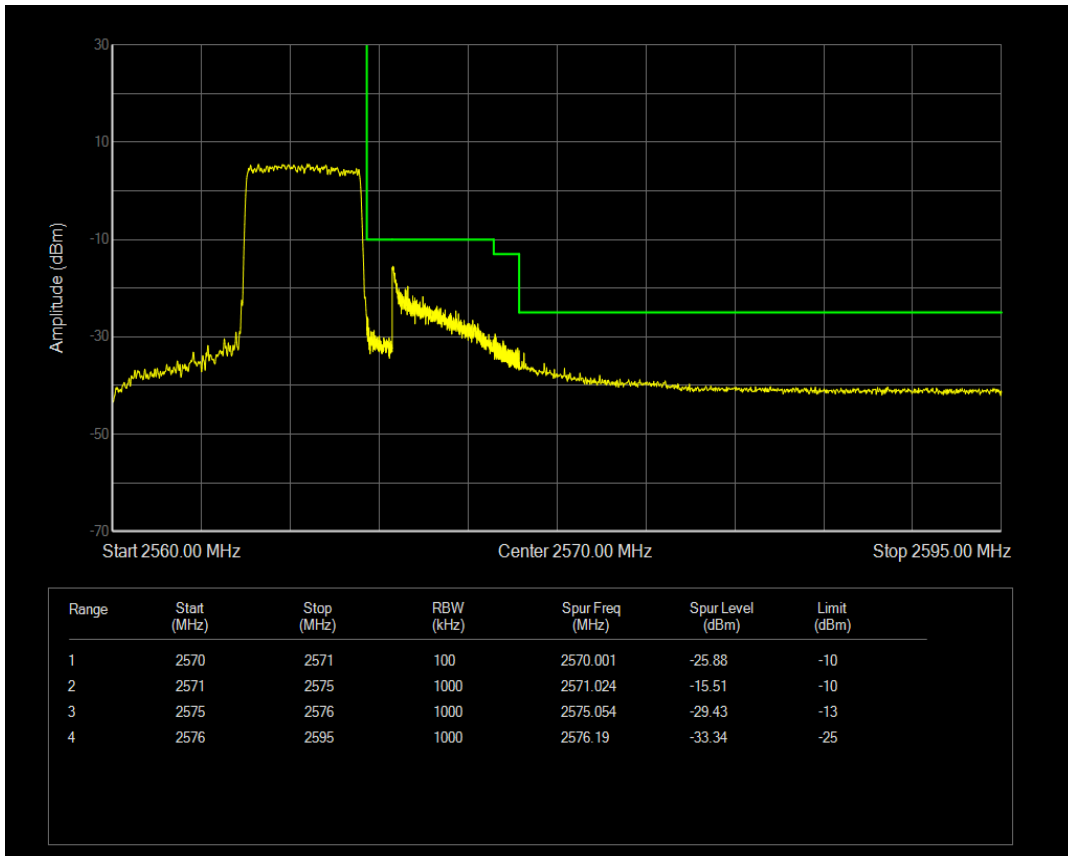




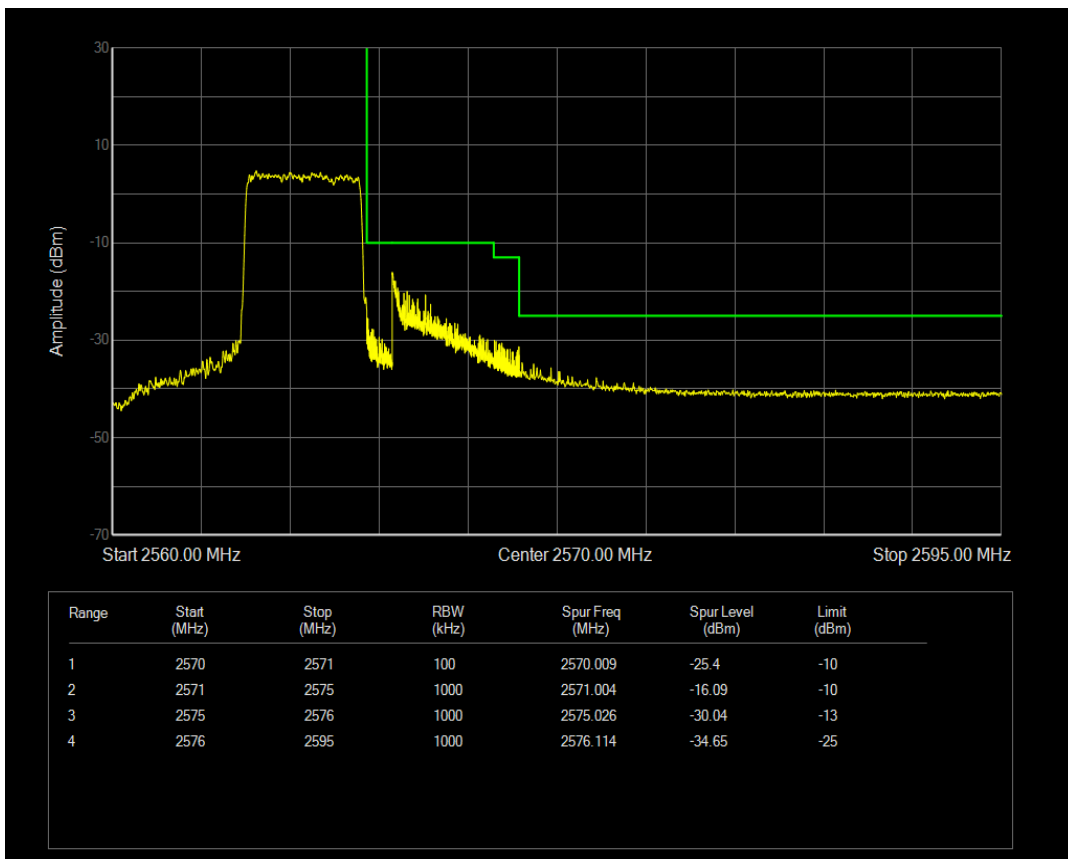
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



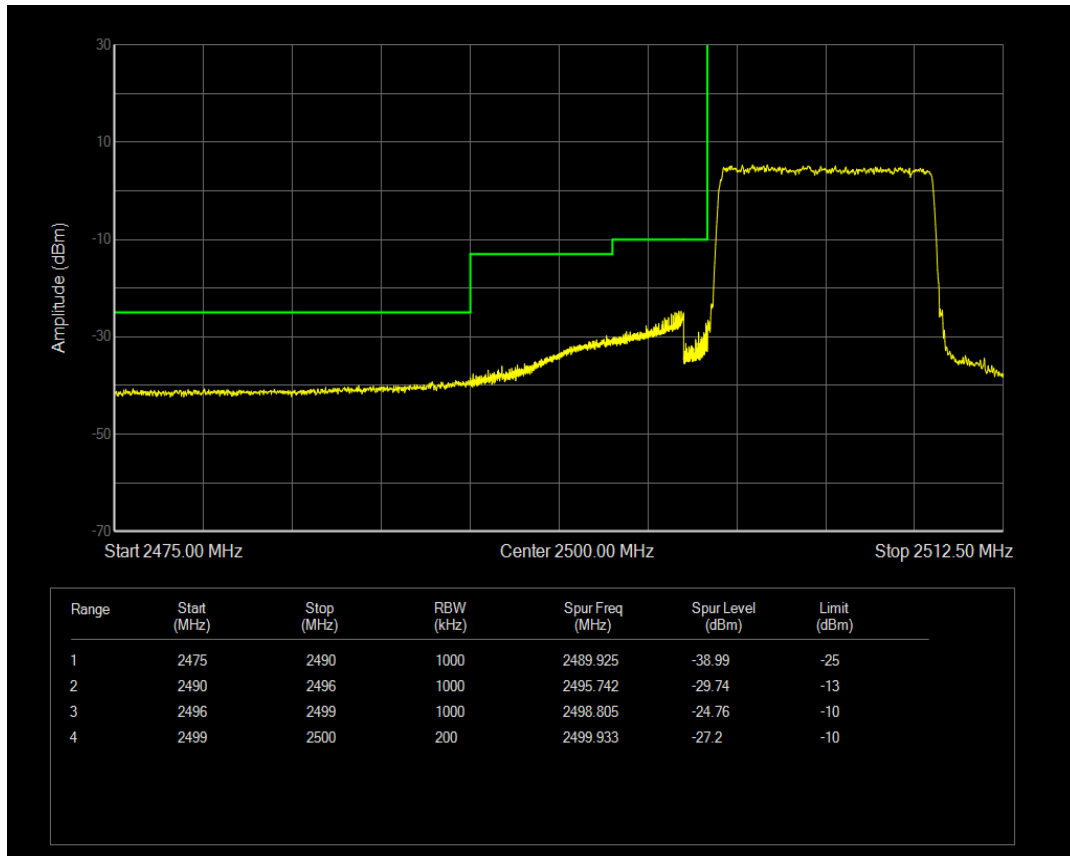
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



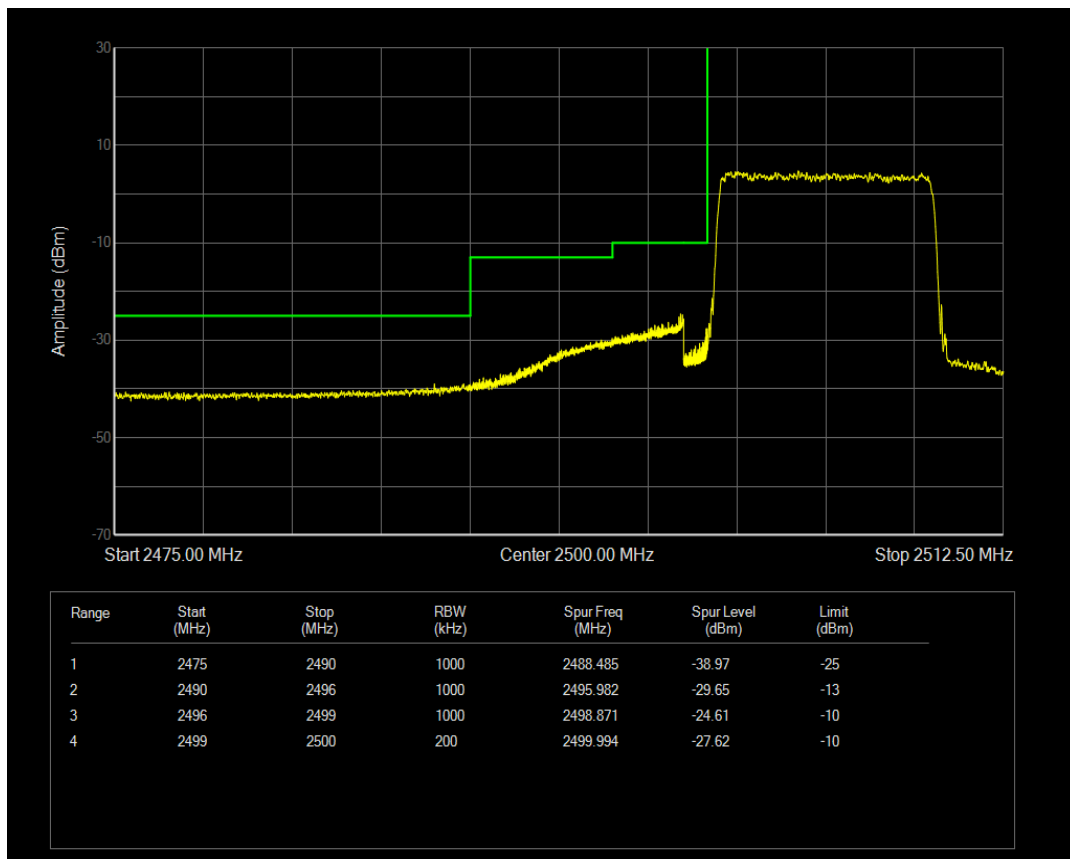
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



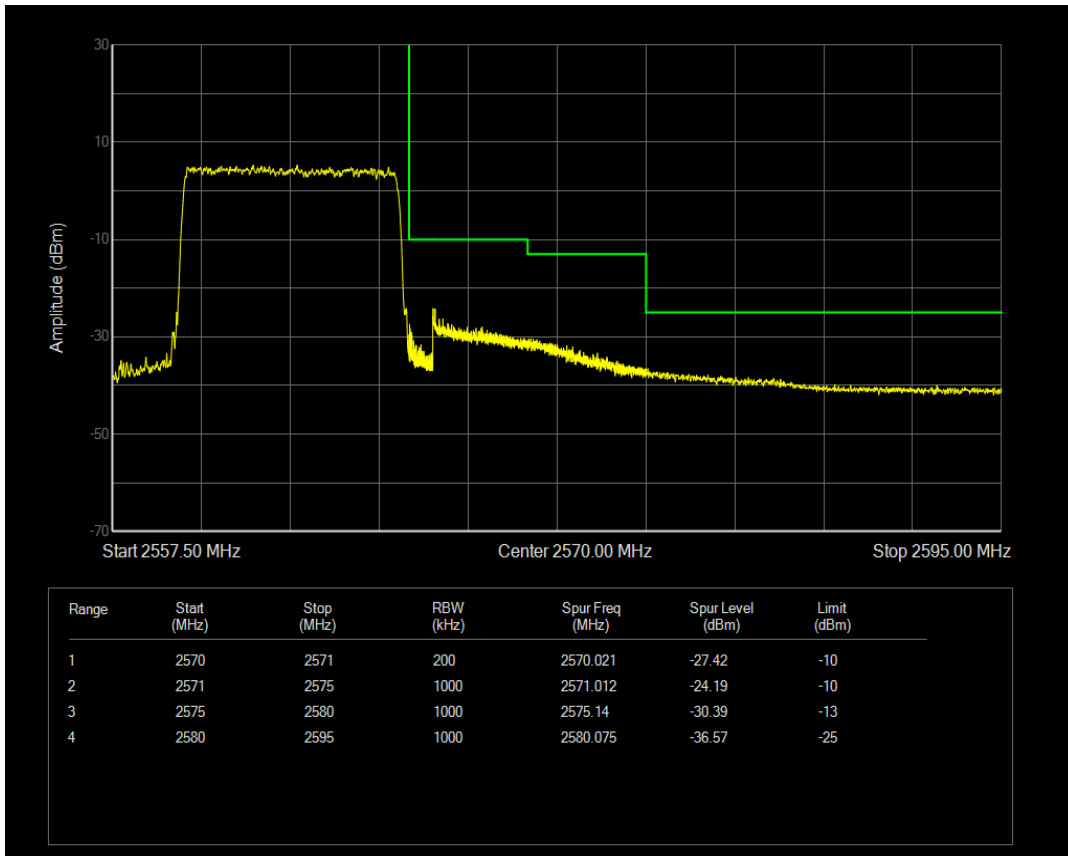
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



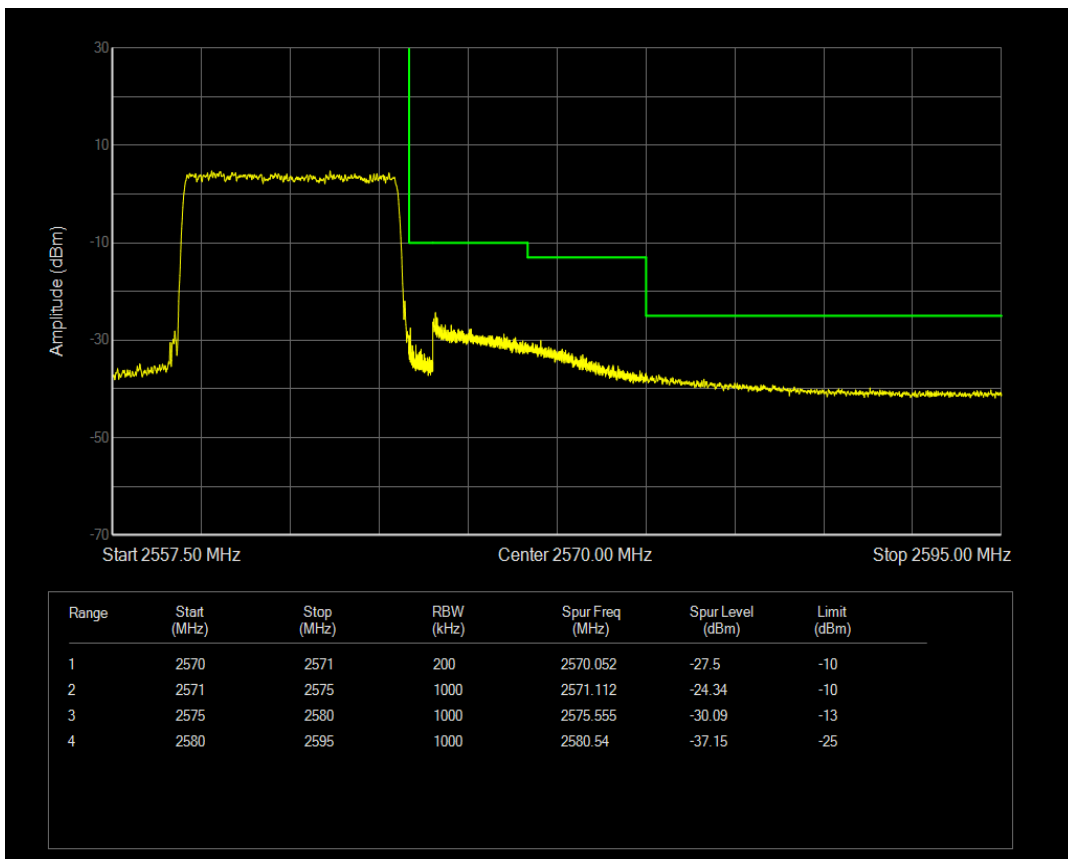
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



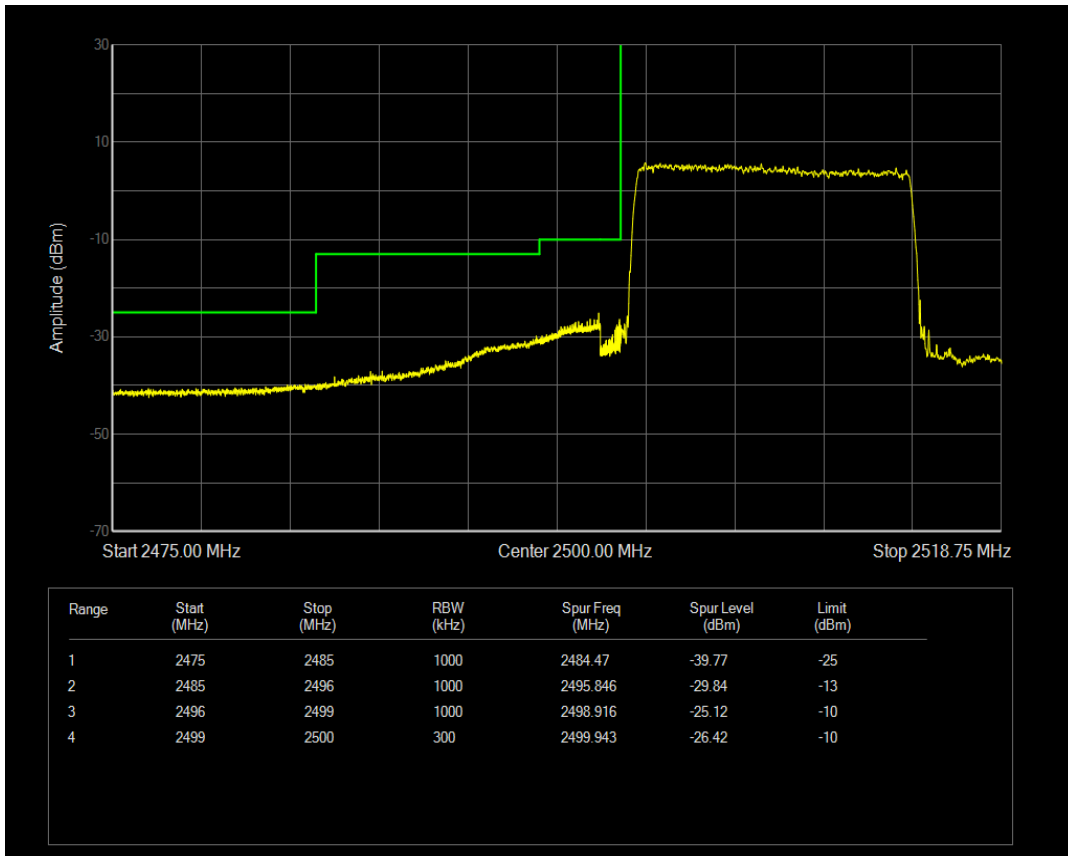
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



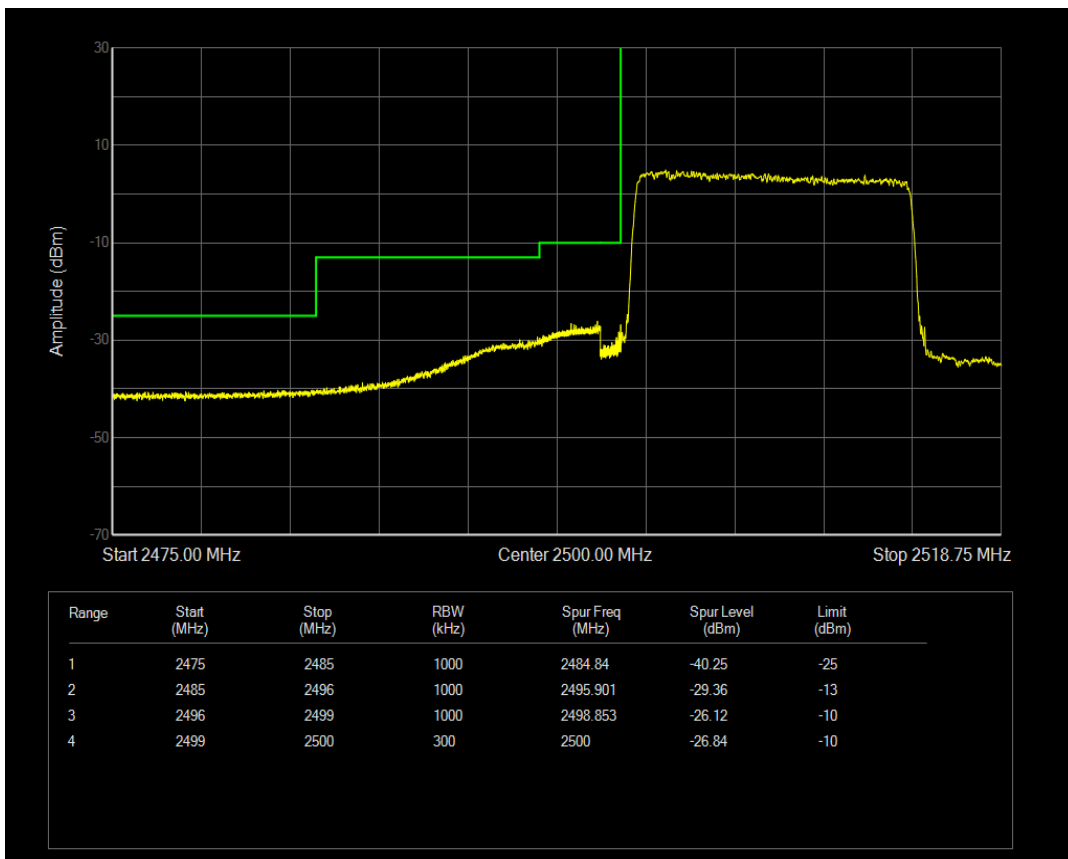
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



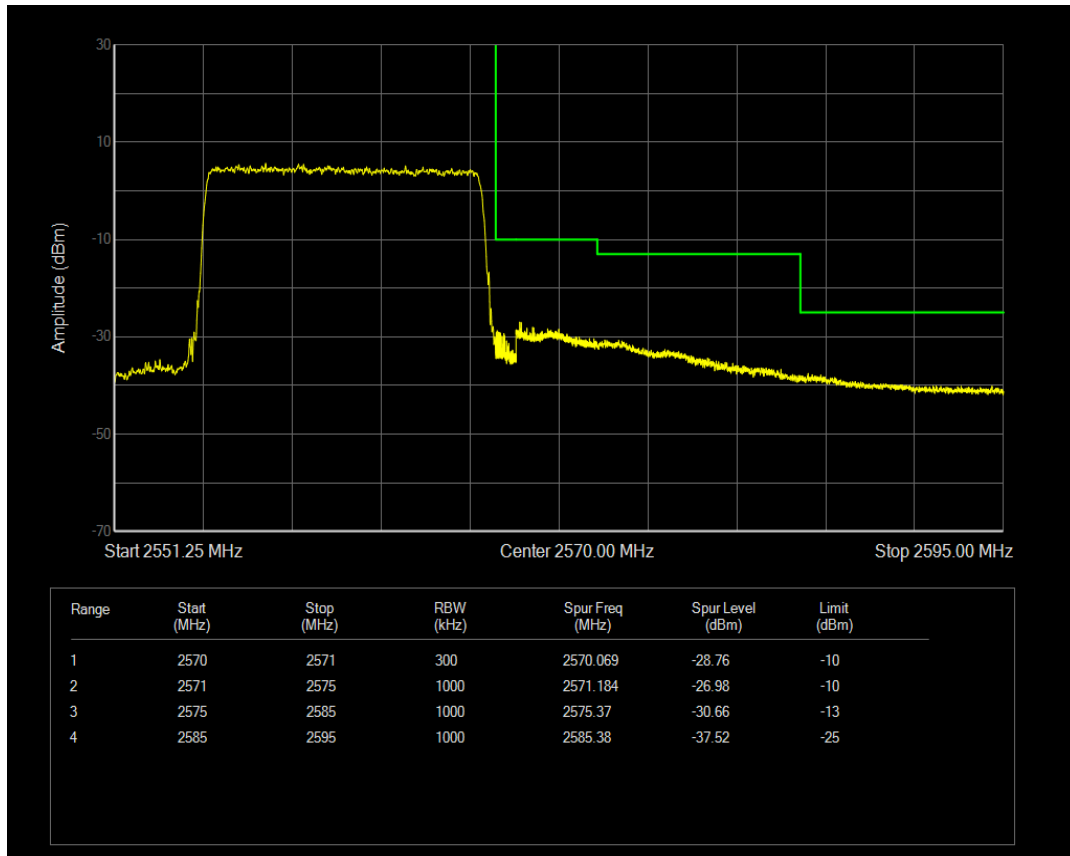
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



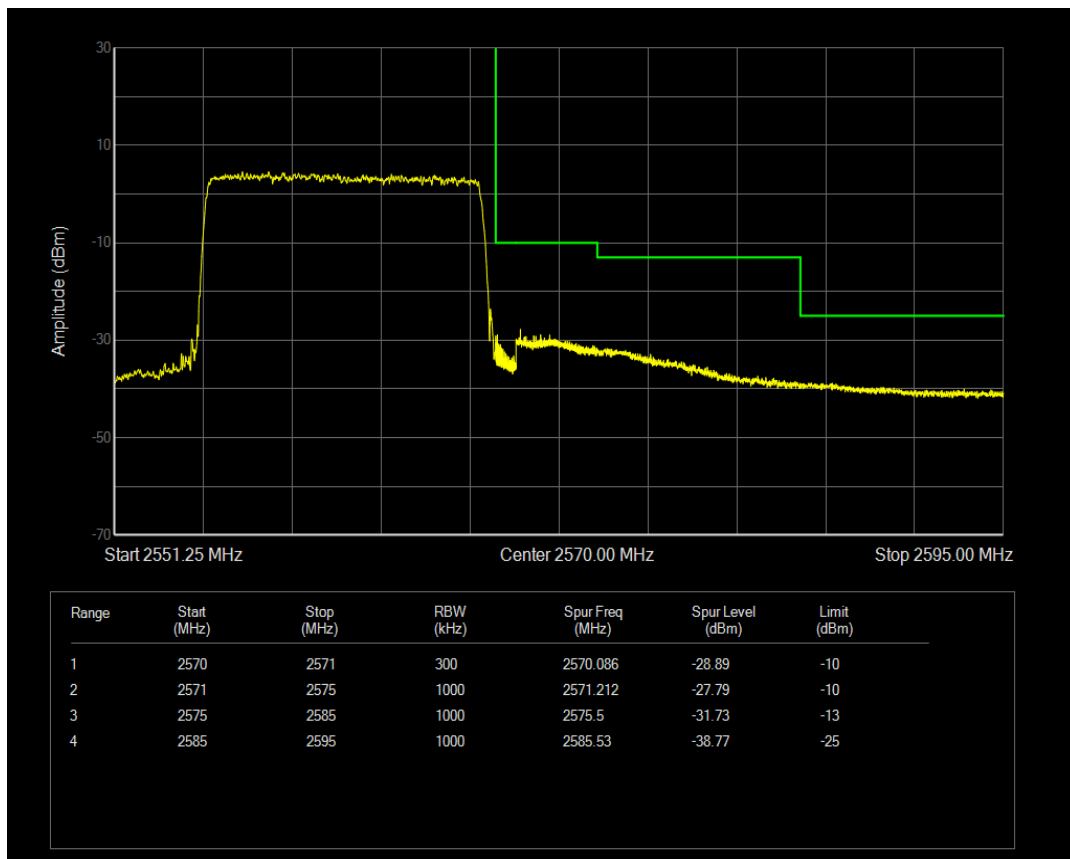
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



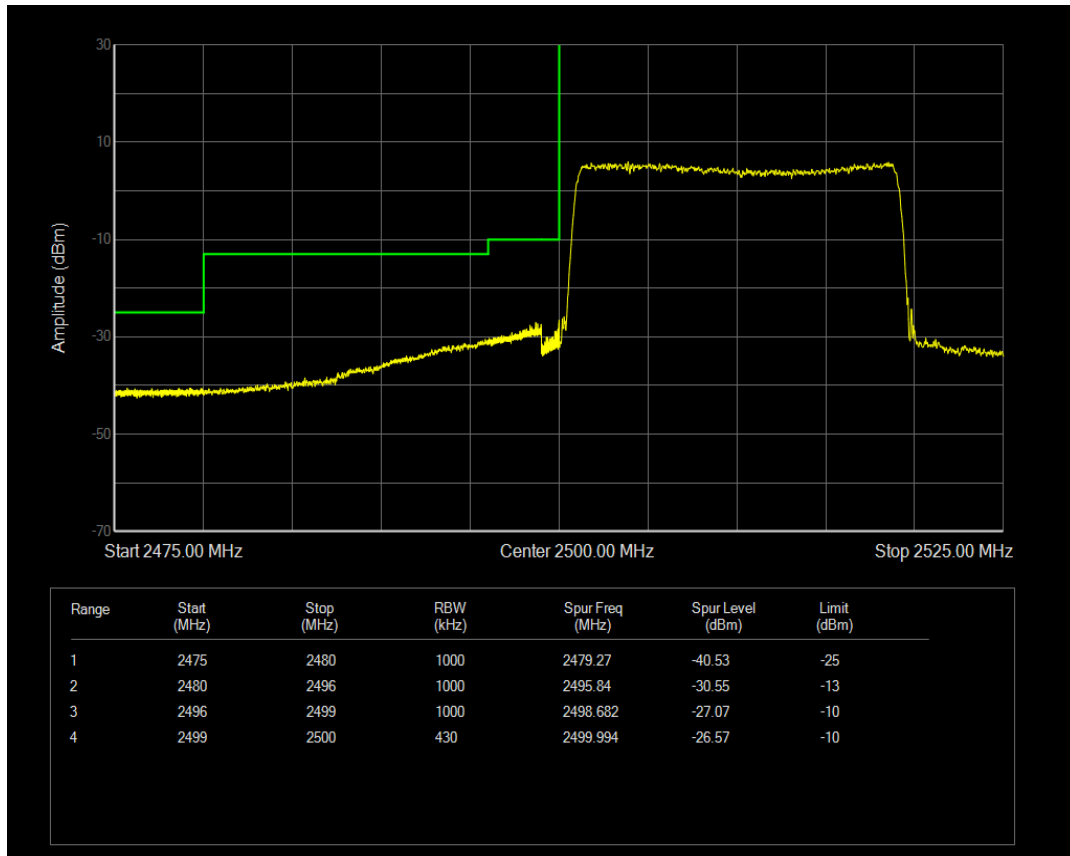
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



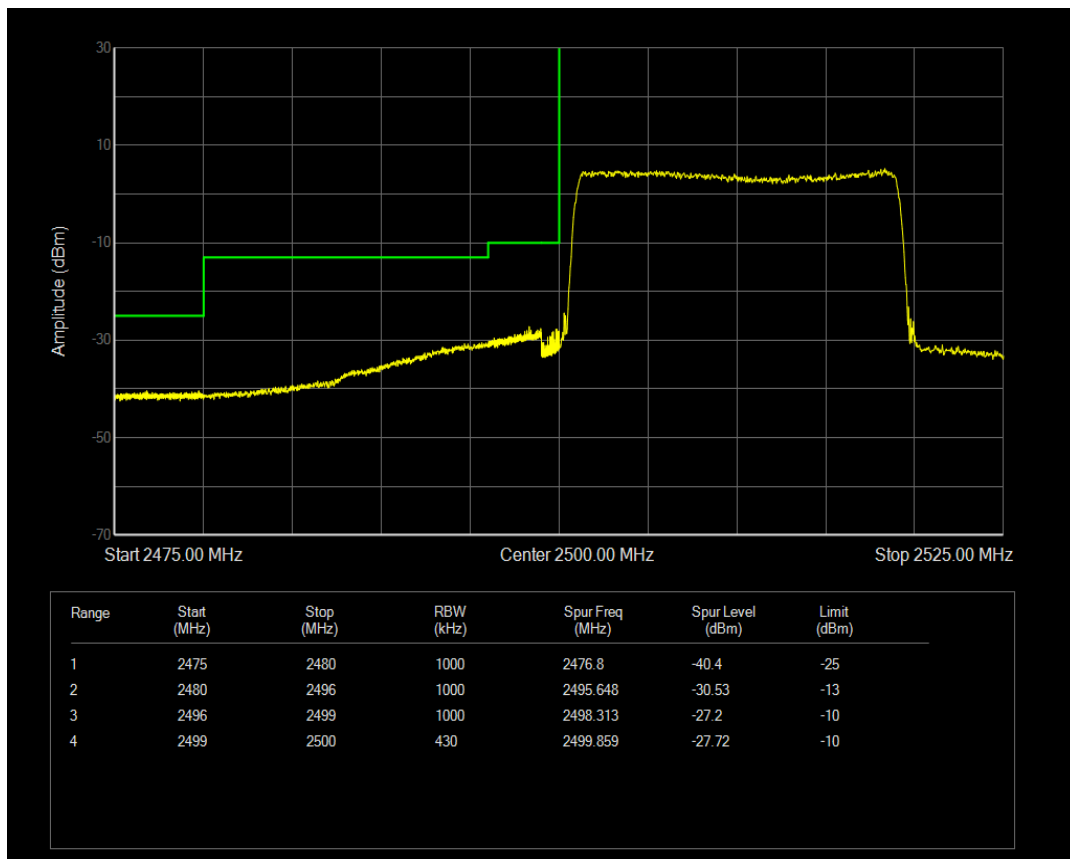
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



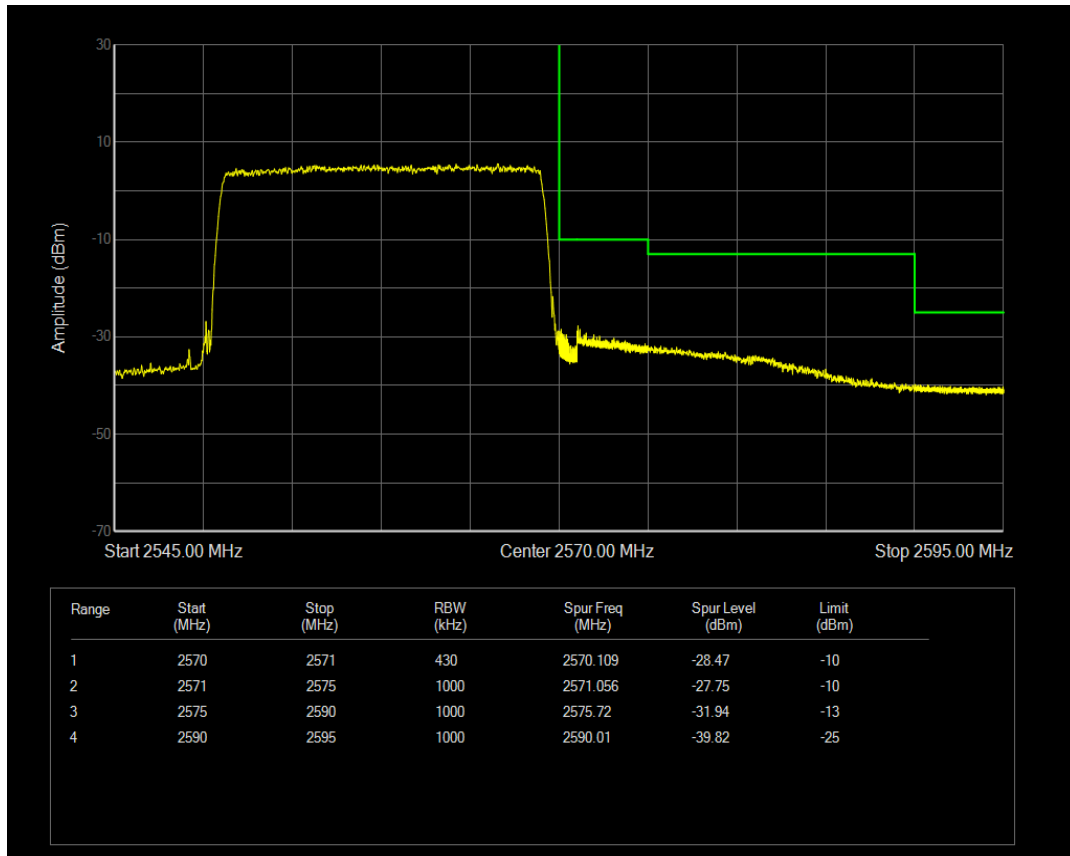
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



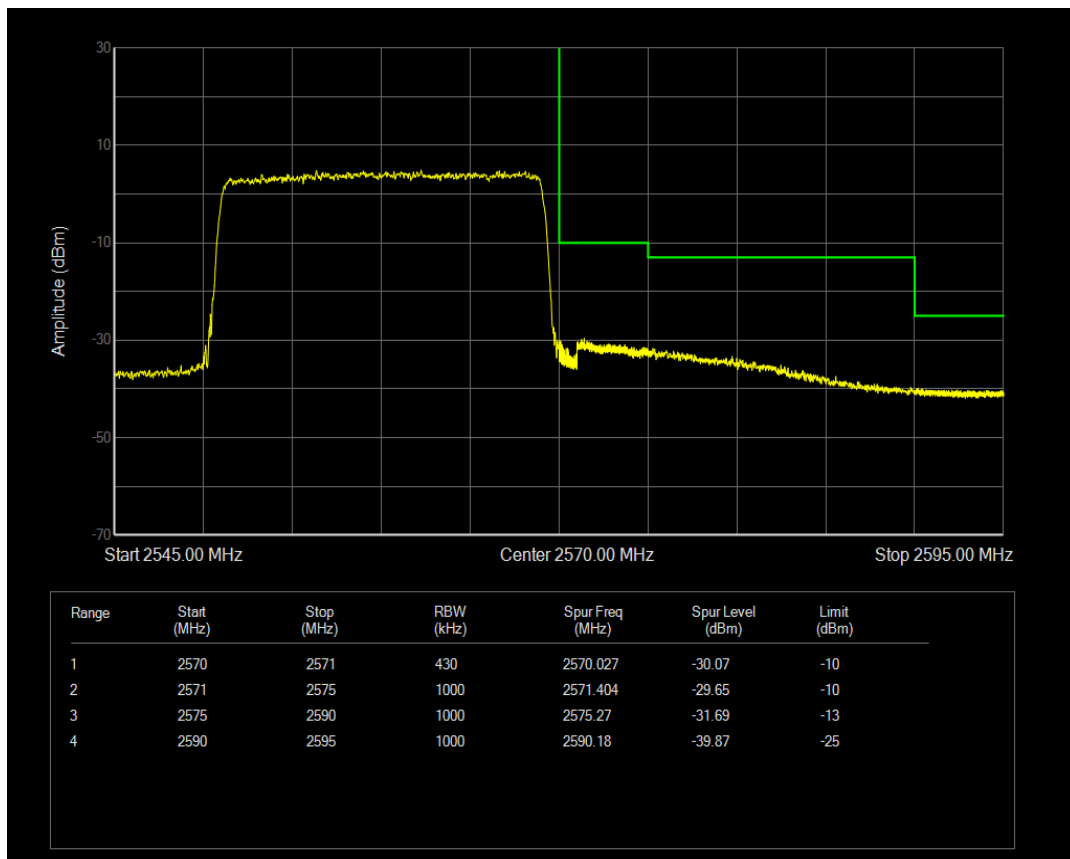
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



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



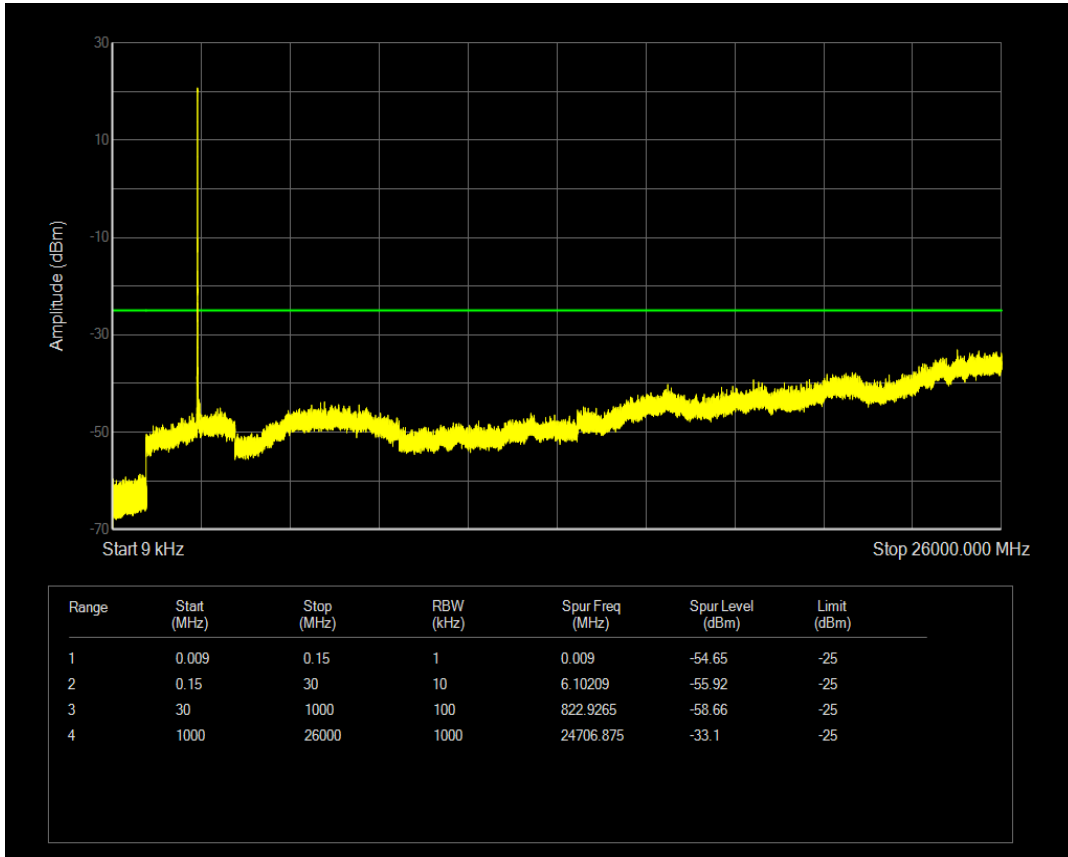
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0



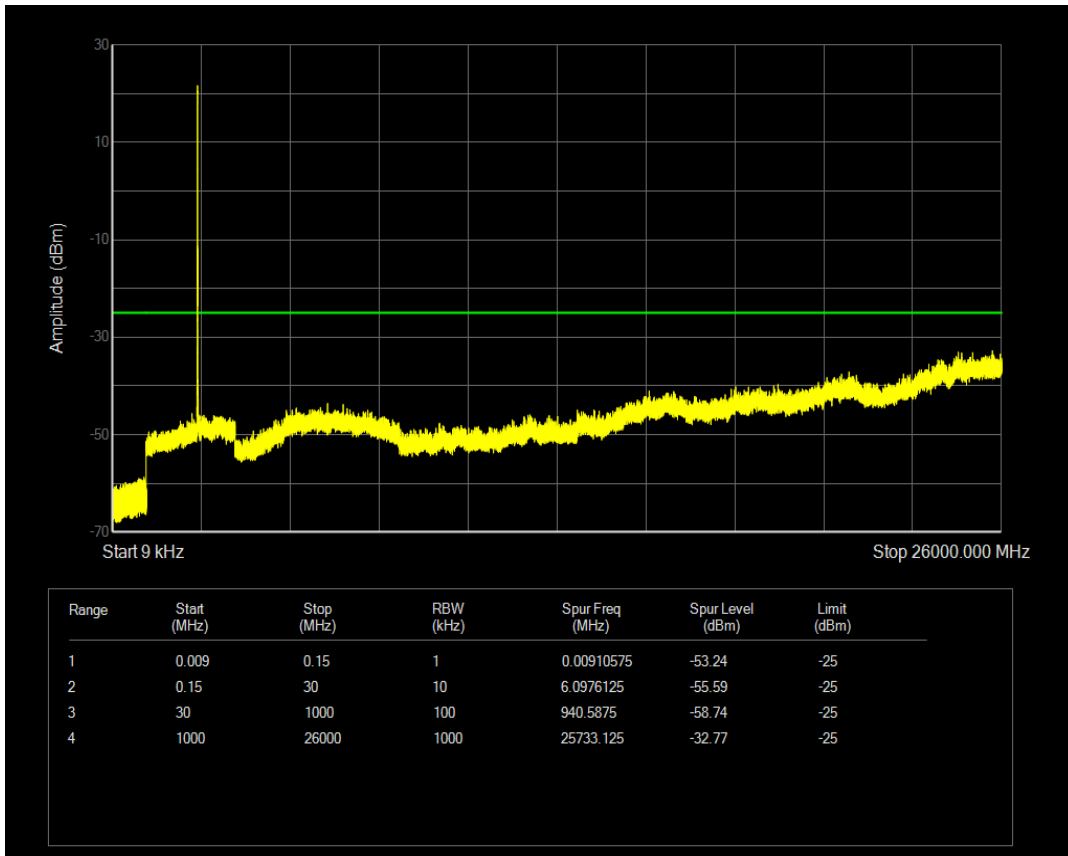
## Appendix 6. Out-of-band emissions

| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Spur Freq<br>(MHz) | Spur Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|-------|--------------------|---------------|------------|----------------|------------|--------------------|---------------------|----------------|---------|
| Band7 | 5                  | 20775         | 25         | #0             | QPSK       | 24706.88           | -33.10              | -25            | PASS    |
| Band7 | 5                  | 20775         | 25         | #0             | 16QAM      | 25733.13           | -32.77              | -25            | PASS    |
| Band7 | 5                  | 21100         | 25         | #0             | QPSK       | 25755.63           | -32.58              | -25            | PASS    |
| Band7 | 5                  | 21100         | 25         | #0             | 16QAM      | 25820.63           | -33.06              | -25            | PASS    |
| Band7 | 5                  | 21425         | 25         | #0             | QPSK       | 25826.25           | -33.15              | -25            | PASS    |
| Band7 | 5                  | 21425         | 25         | #0             | 16QAM      | 25574.38           | -32.03              | -25            | PASS    |
| Band7 | 10                 | 20800         | 50         | #0             | QPSK       | 2452.50            | -28.83              | -25            | PASS    |
| Band7 | 10                 | 20800         | 50         | #0             | 16QAM      | 25983.13           | -32.80              | -25            | PASS    |
| Band7 | 10                 | 21100         | 50         | #0             | QPSK       | 2451.25            | -31.68              | -25            | PASS    |
| Band7 | 10                 | 21100         | 50         | #0             | 16QAM      | 24649.38           | -32.93              | -25            | PASS    |
| Band7 | 10                 | 21400         | 50         | #0             | QPSK       | 2450.63            | -31.06              | -25            | PASS    |
| Band7 | 10                 | 21400         | 50         | #0             | 16QAM      | 2455.00            | -27.74              | -25            | PASS    |
| Band7 | 15                 | 20825         | 75         | #0             | QPSK       | 25428.75           | -32.87              | -25            | PASS    |
| Band7 | 15                 | 20825         | 75         | #0             | 16QAM      | 25024.38           | -32.11              | -25            | PASS    |
| Band7 | 15                 | 21100         | 75         | #0             | QPSK       | 25984.38           | -32.38              | -25            | PASS    |
| Band7 | 15                 | 21100         | 75         | #0             | 16QAM      | 25676.88           | -32.16              | -25            | PASS    |
| Band7 | 15                 | 21375         | 75         | #0             | QPSK       | 25817.50           | -33.02              | -25            | PASS    |
| Band7 | 15                 | 21375         | 75         | #0             | 16QAM      | 24842.50           | -32.90              | -25            | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | QPSK       | 25958.13           | -33.22              | -25            | PASS    |
| Band7 | 20                 | 20850         | 100        | #0             | 16QAM      | 1739.38            | -25.89              | -25            | PASS    |
| Band7 | 20                 | 21100         | 100        | #0             | QPSK       | 25793.75           | -32.62              | -25            | PASS    |
| Band7 | 20                 | 21100         | 100        | #0             | 16QAM      | 25442.50           | -32.52              | -25            | PASS    |
| Band7 | 20                 | 21350         | 100        | #0             | QPSK       | 25488.13           | -32.90              | -25            | PASS    |
| Band7 | 20                 | 21350         | 100        | #0             | 16QAM      | 25973.75           | -32.87              | -25            | PASS    |

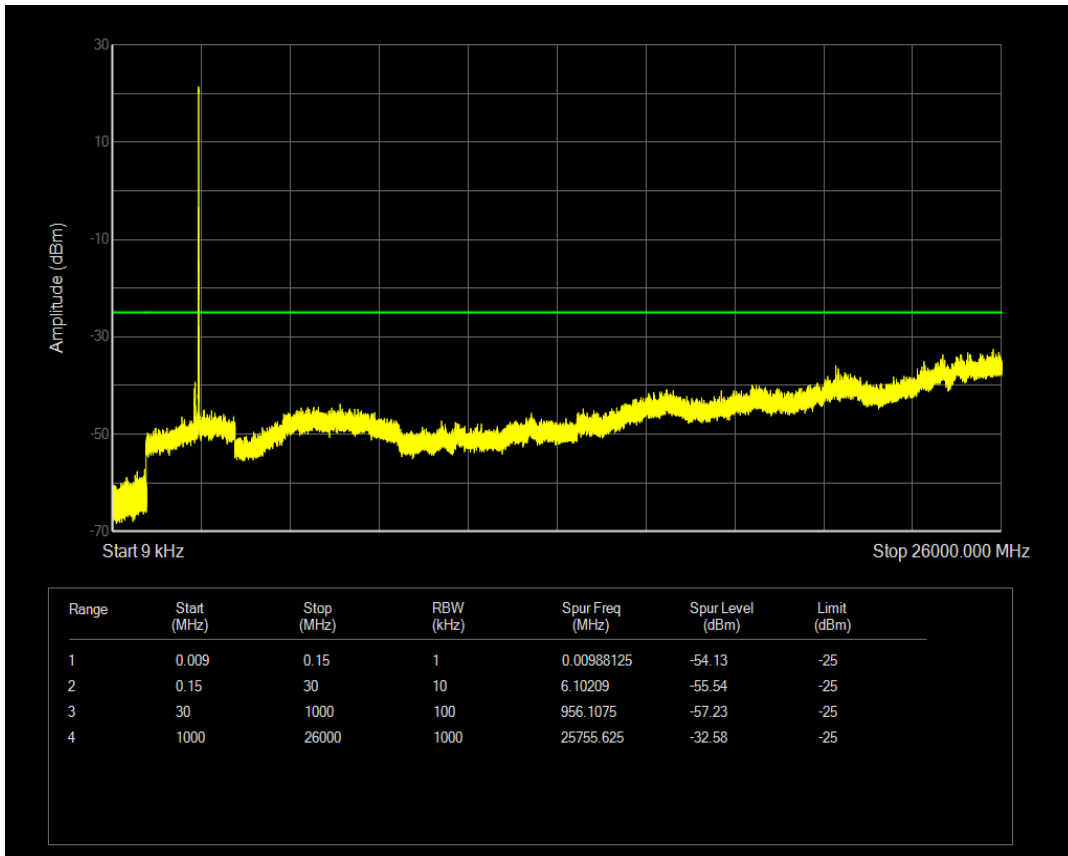
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



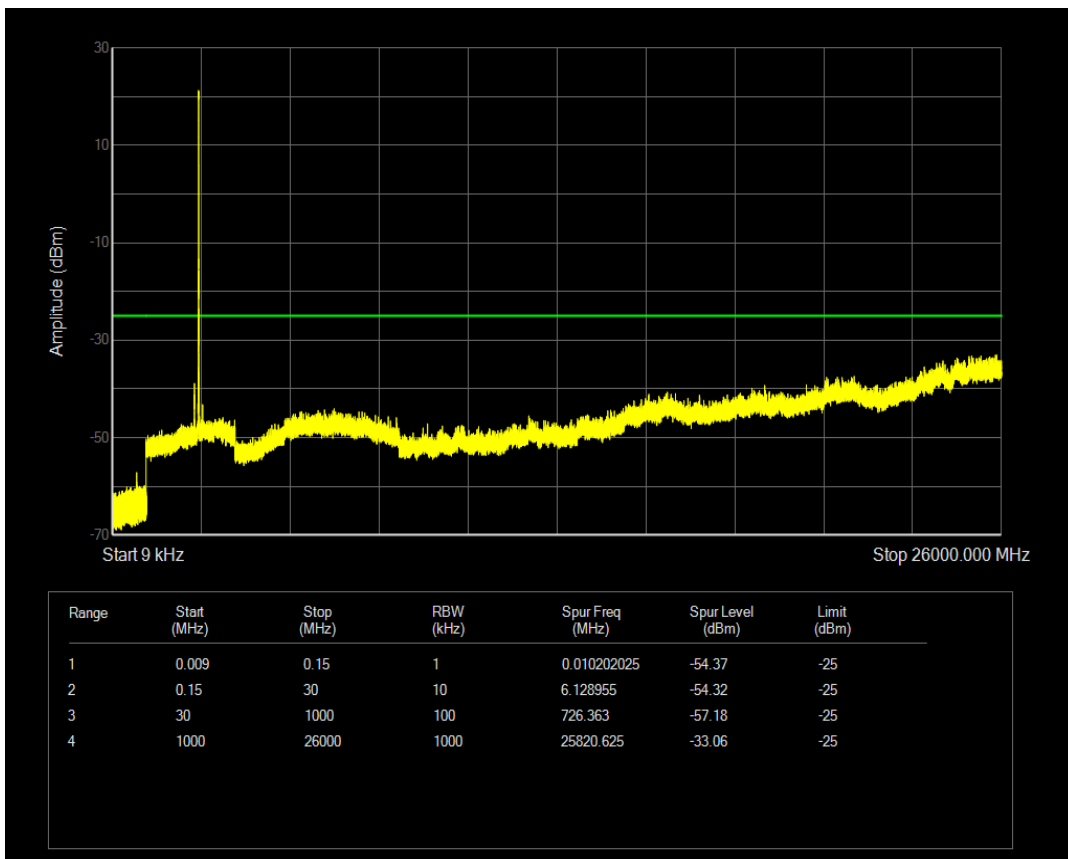
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



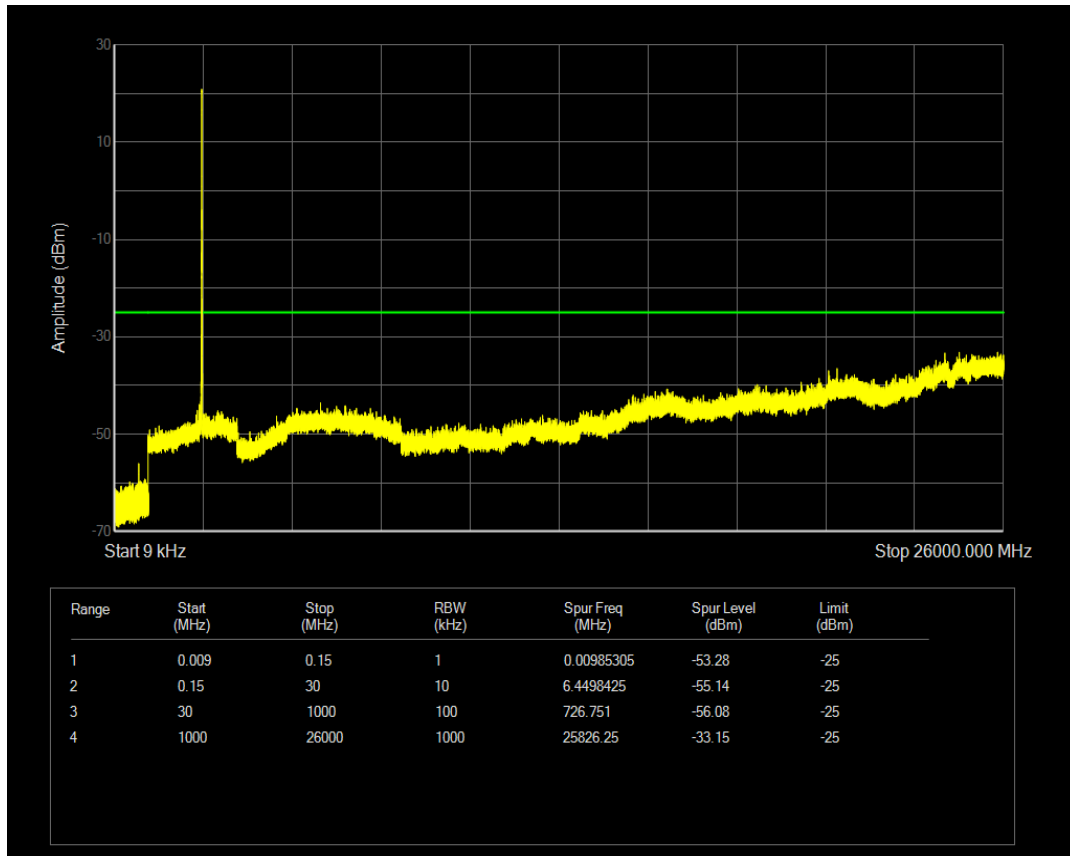
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



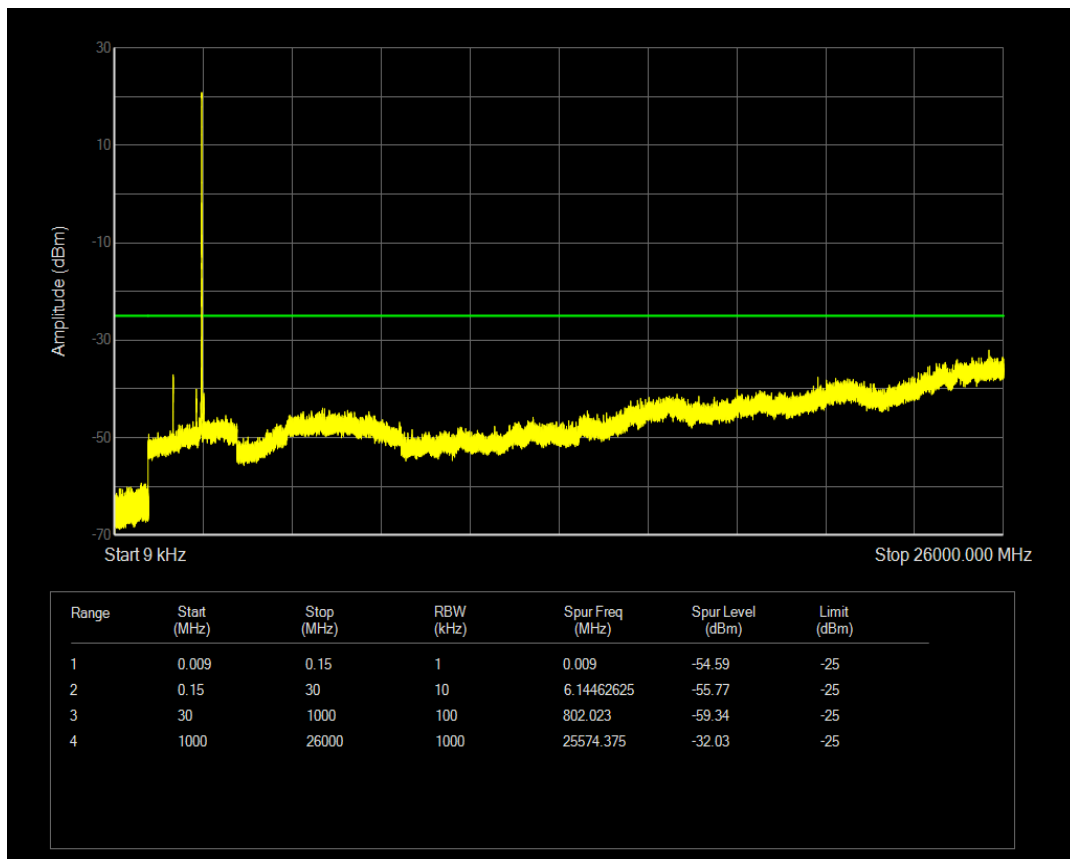
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



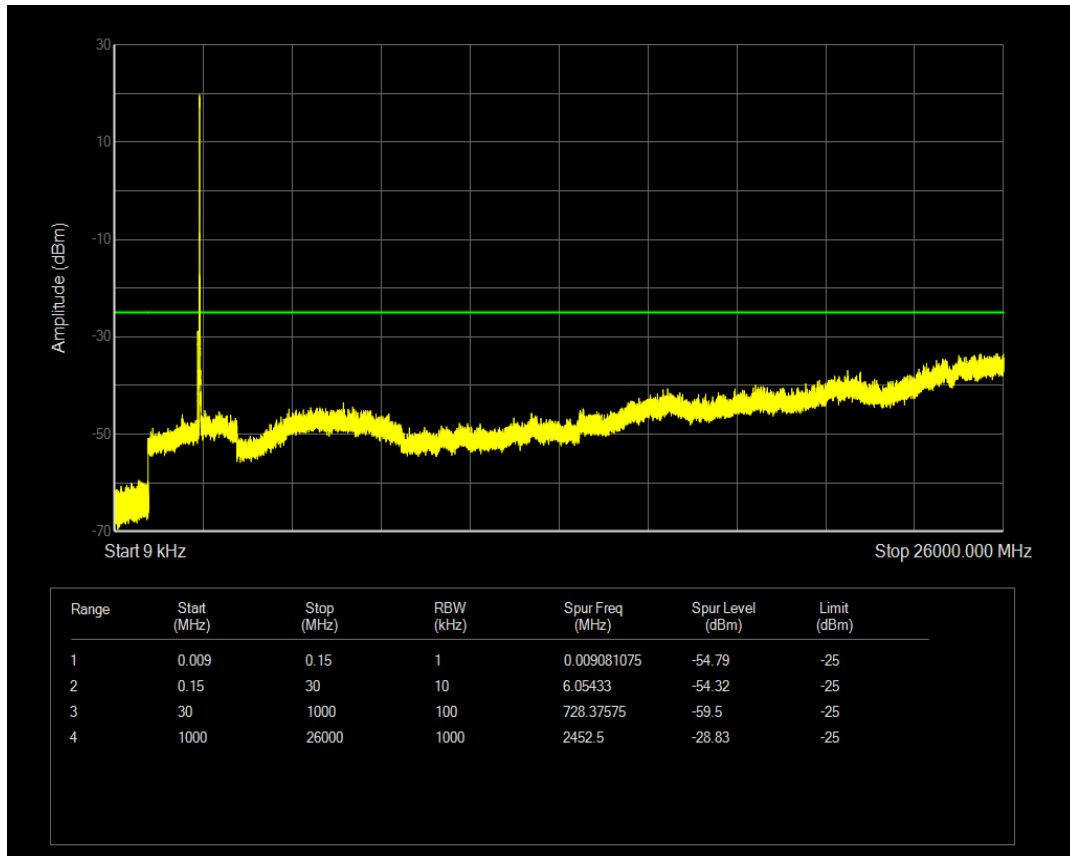
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



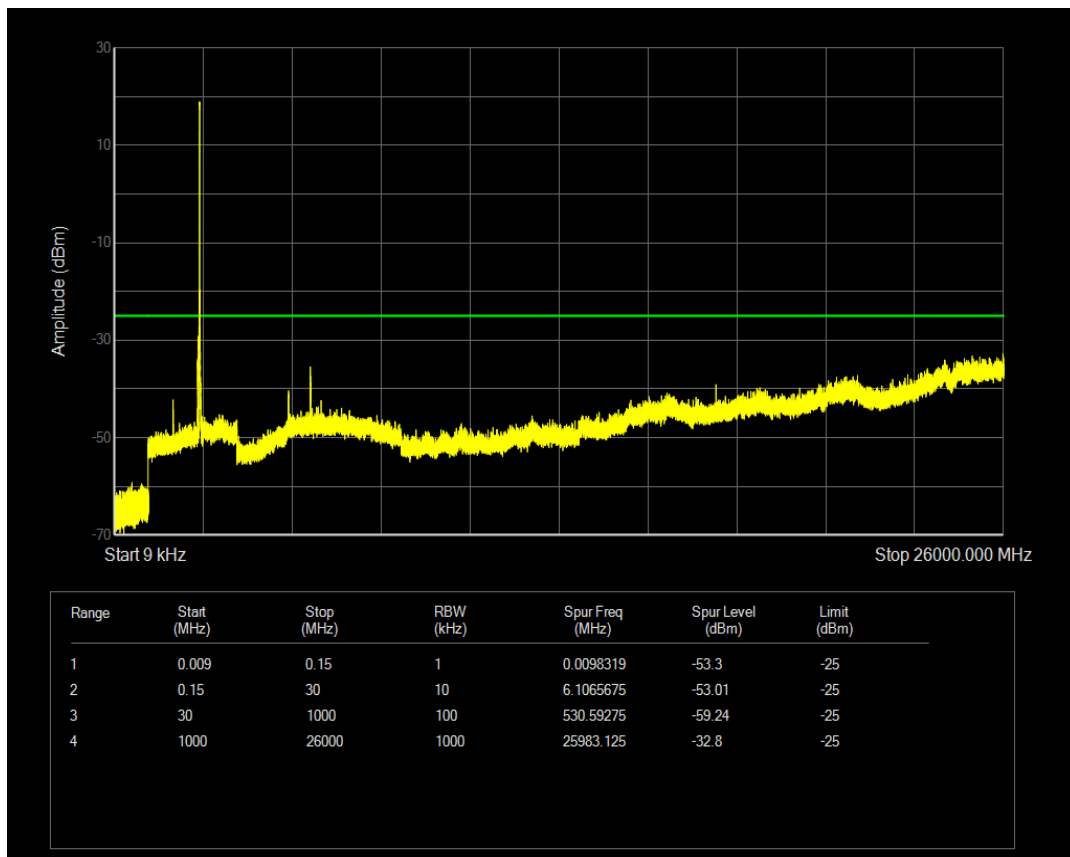
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



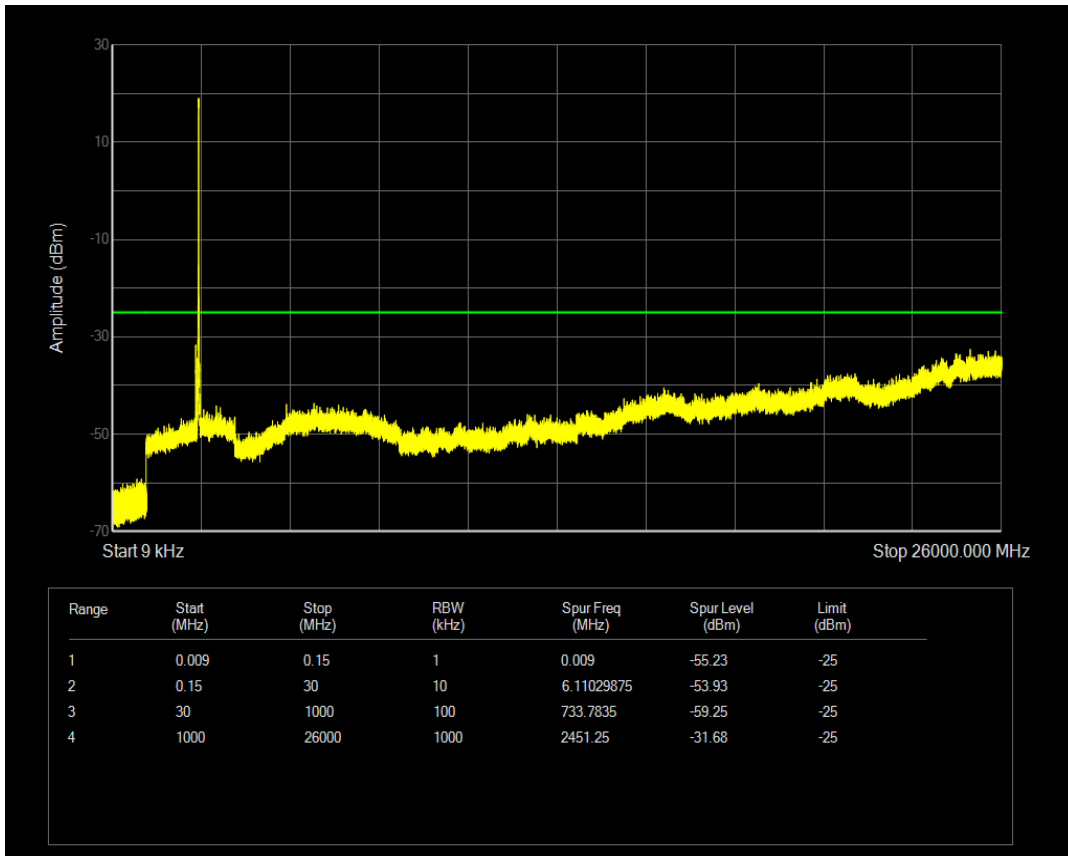
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



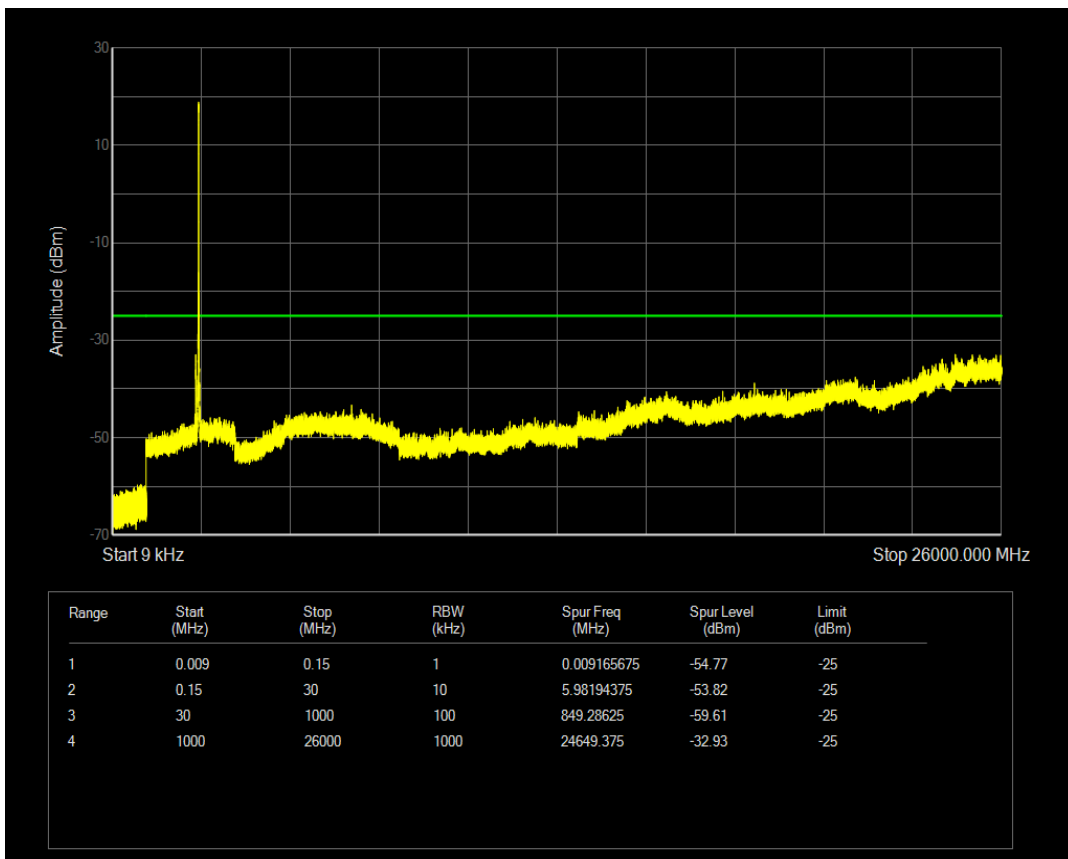
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



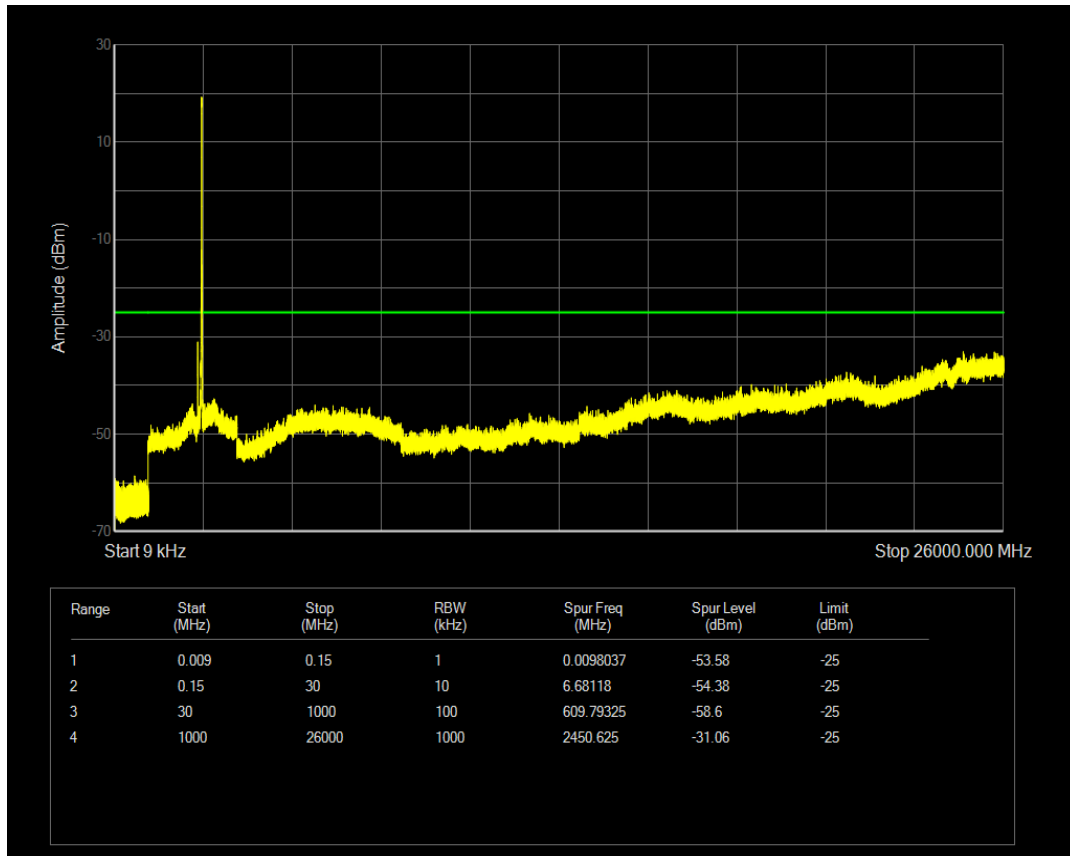
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



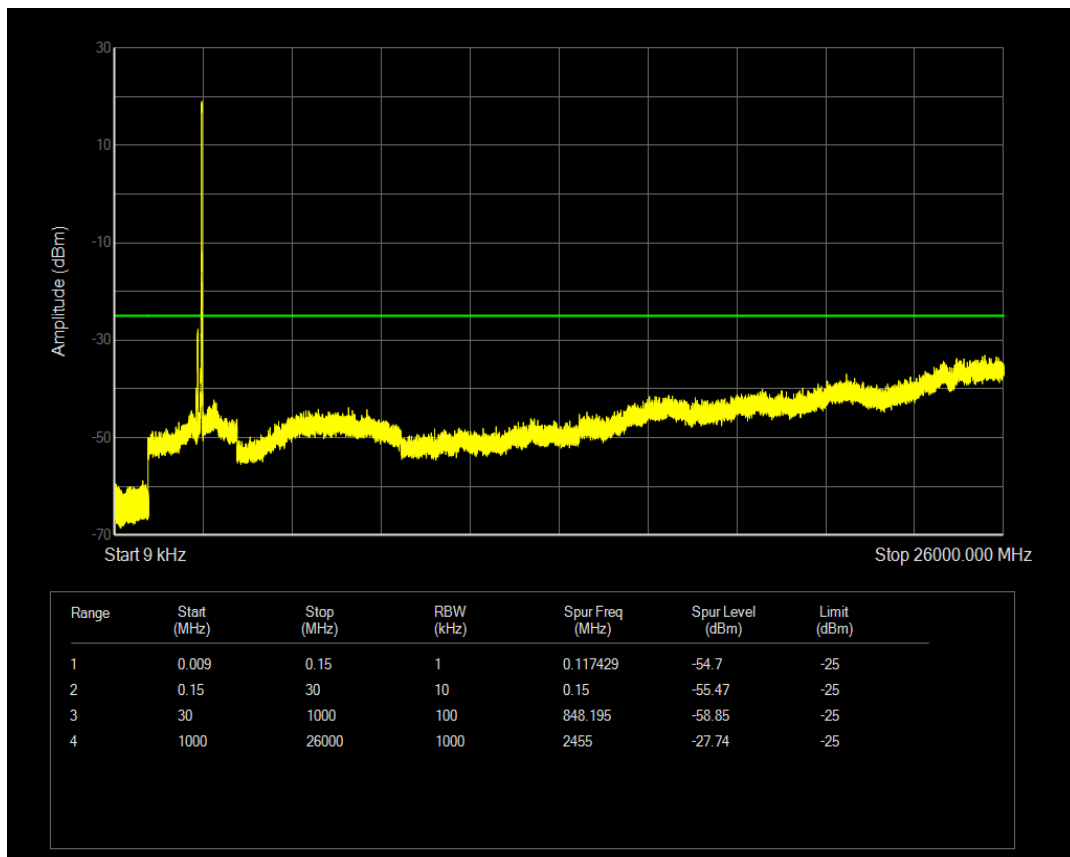
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



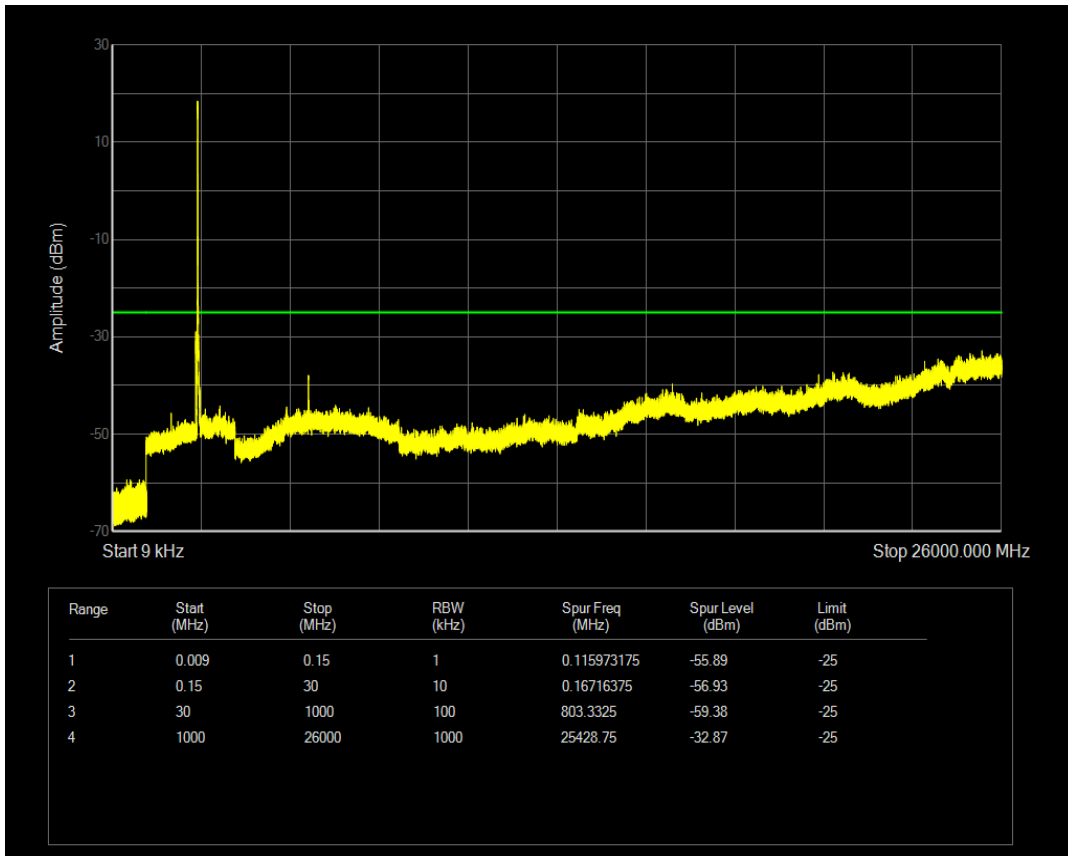
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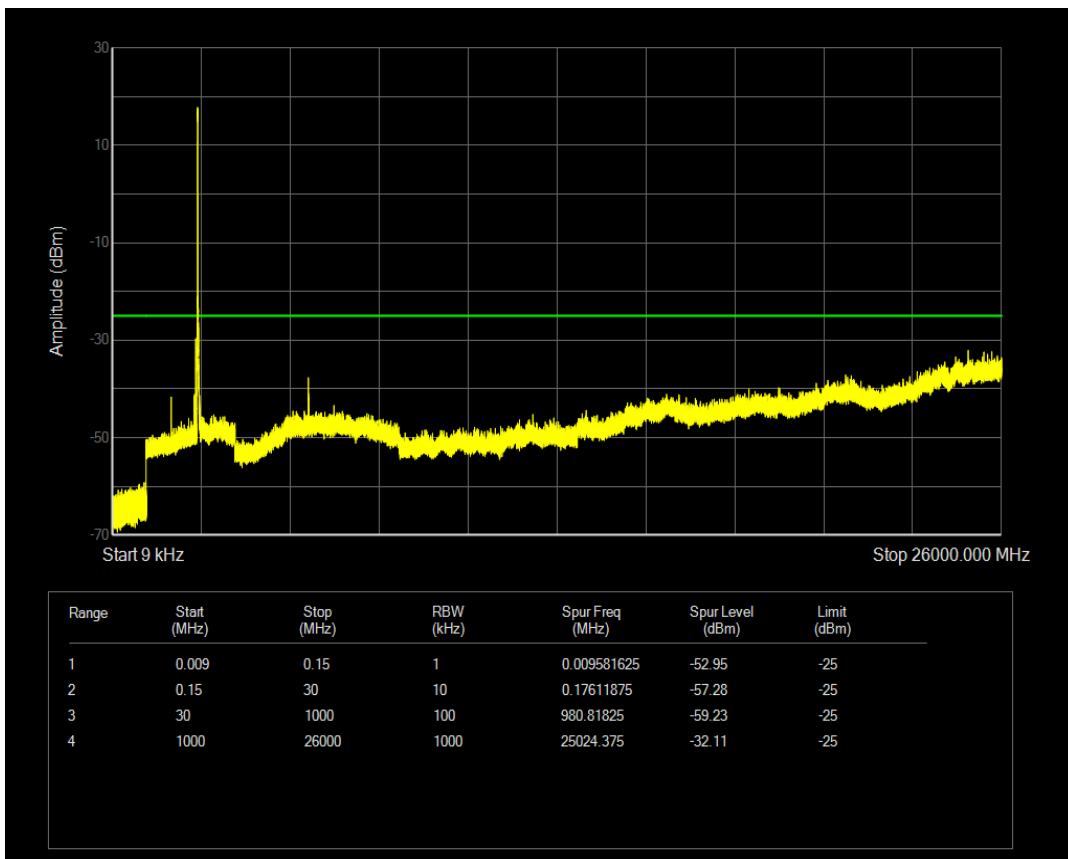
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



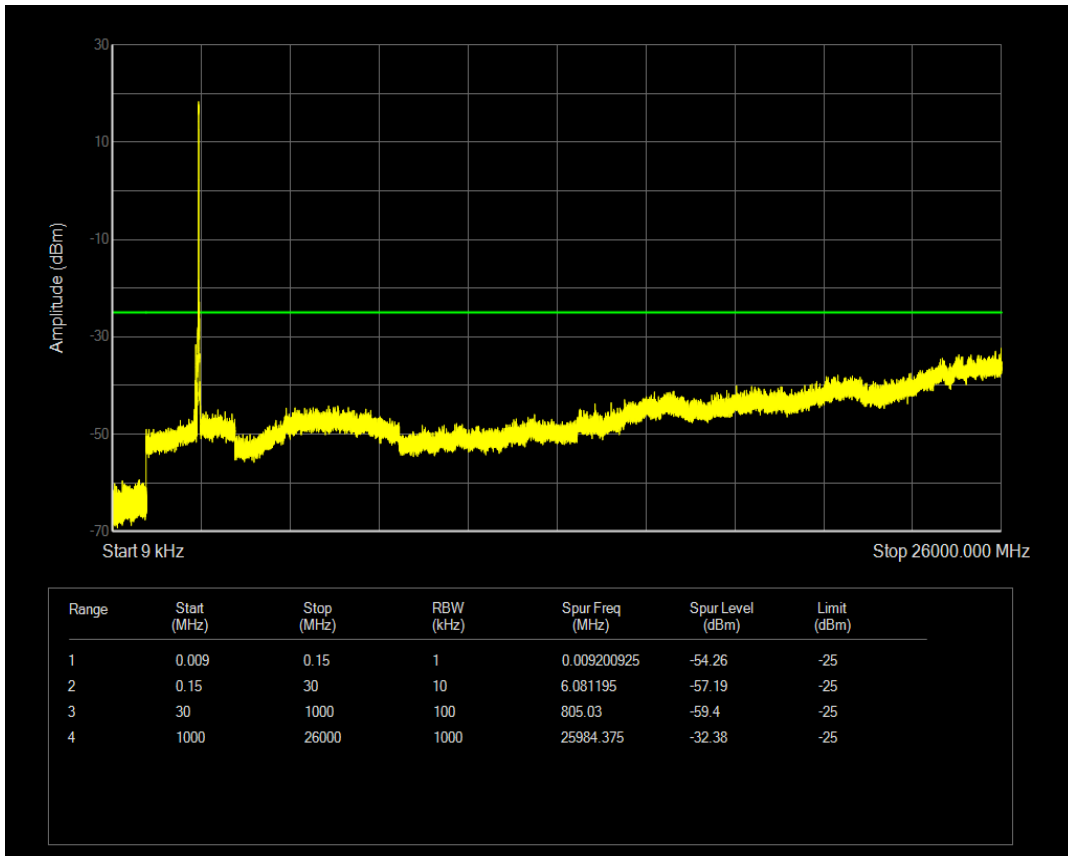
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



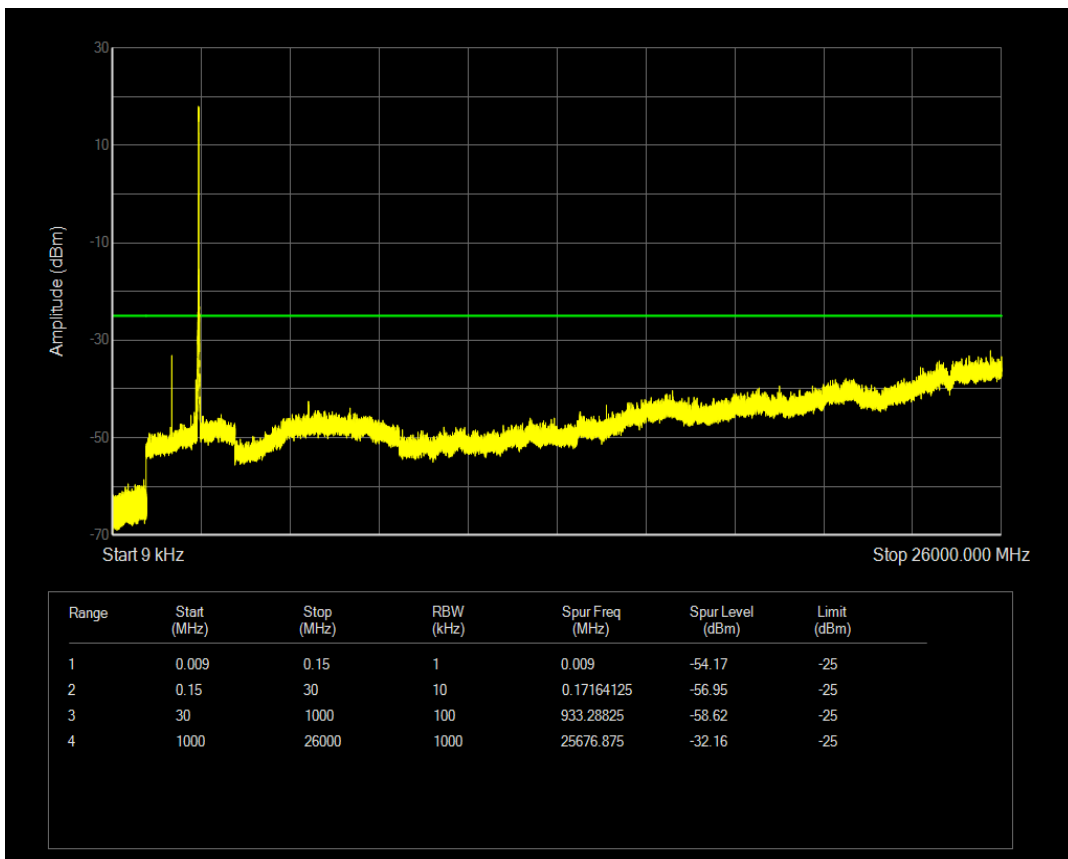
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



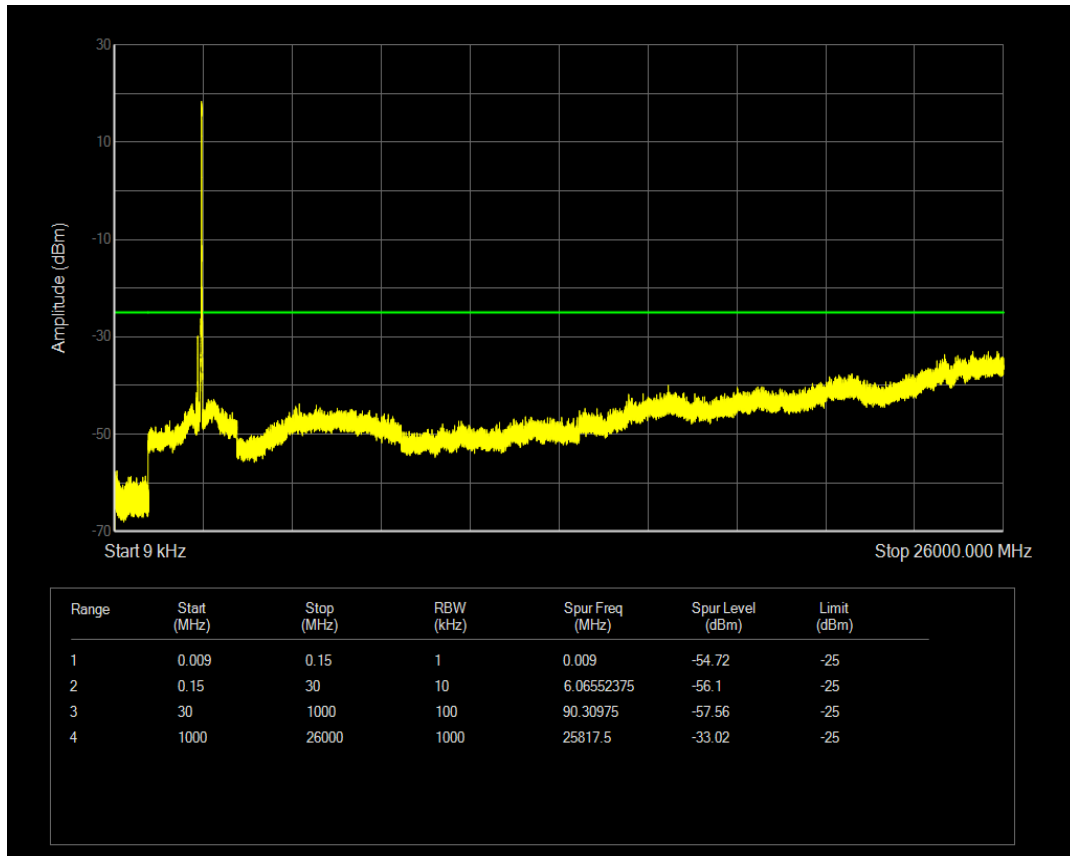
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



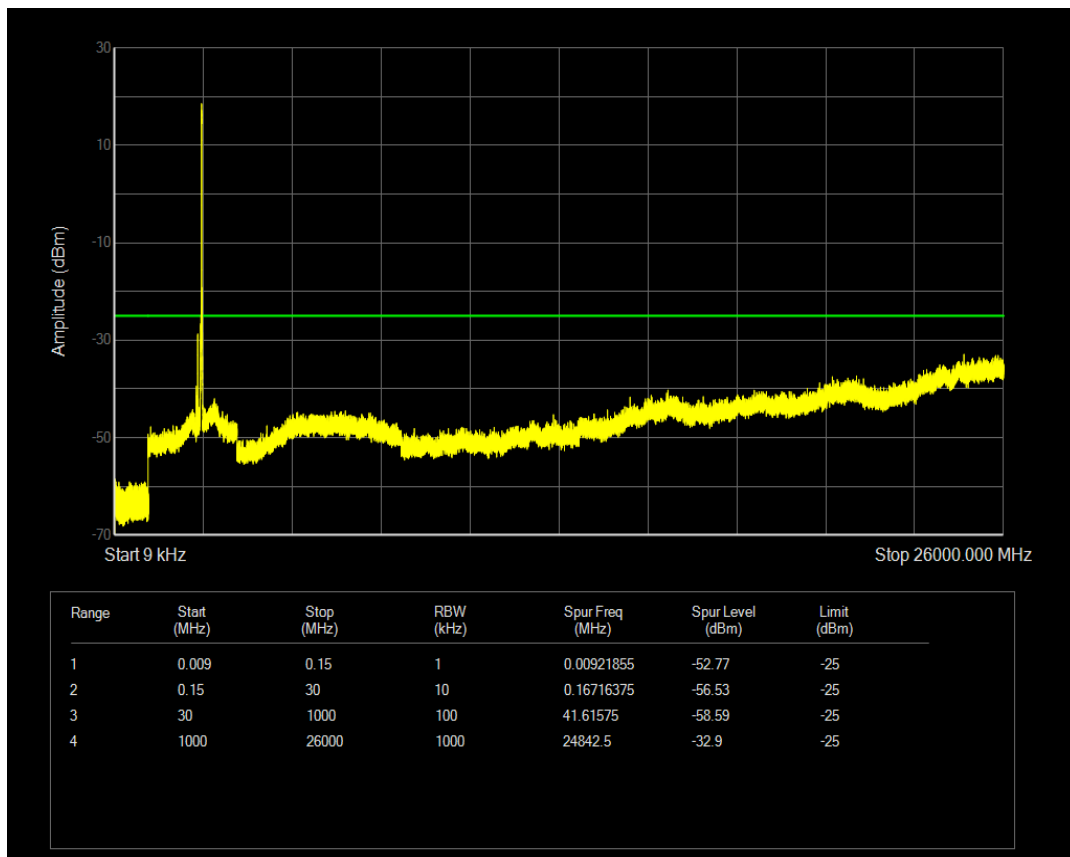
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



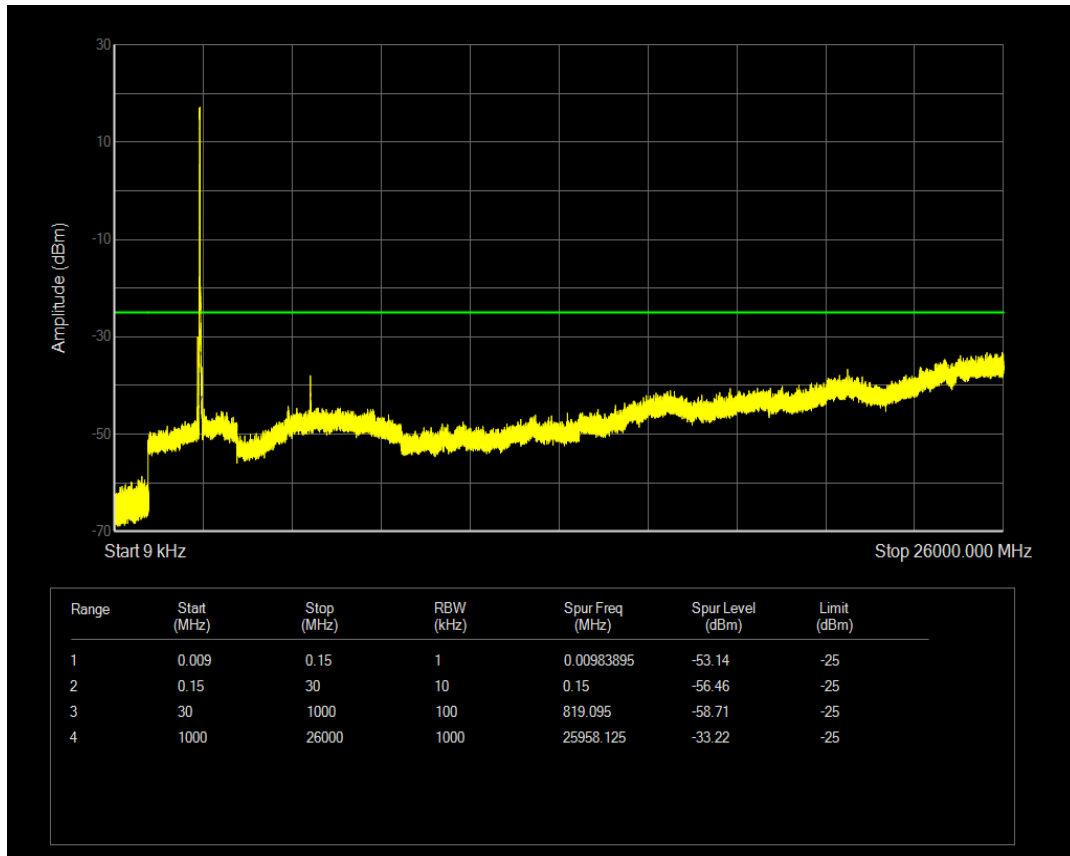
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



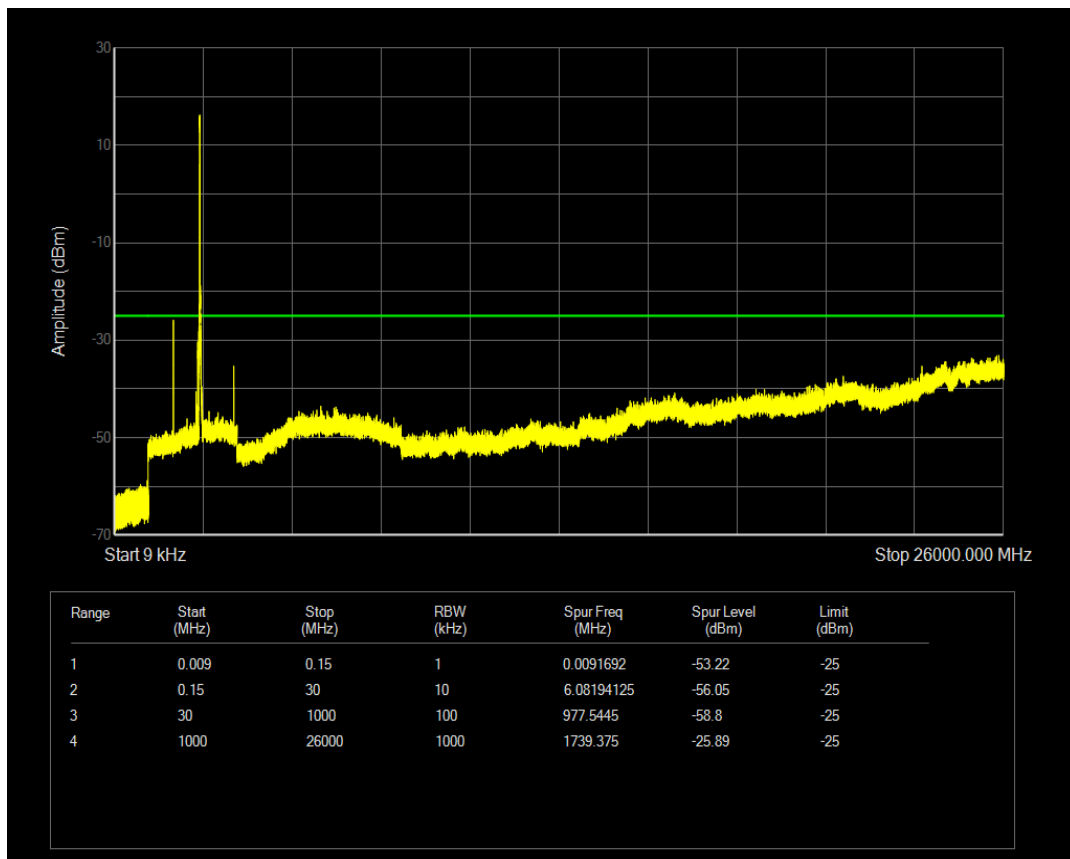
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



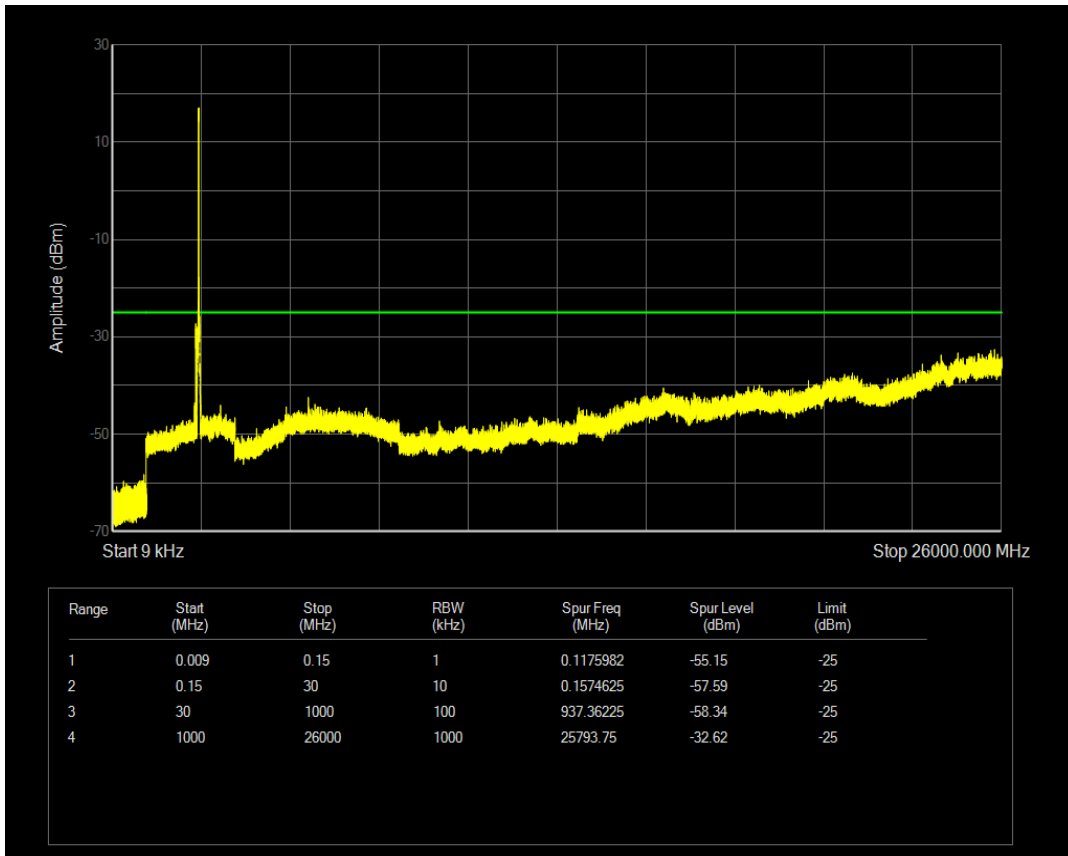
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



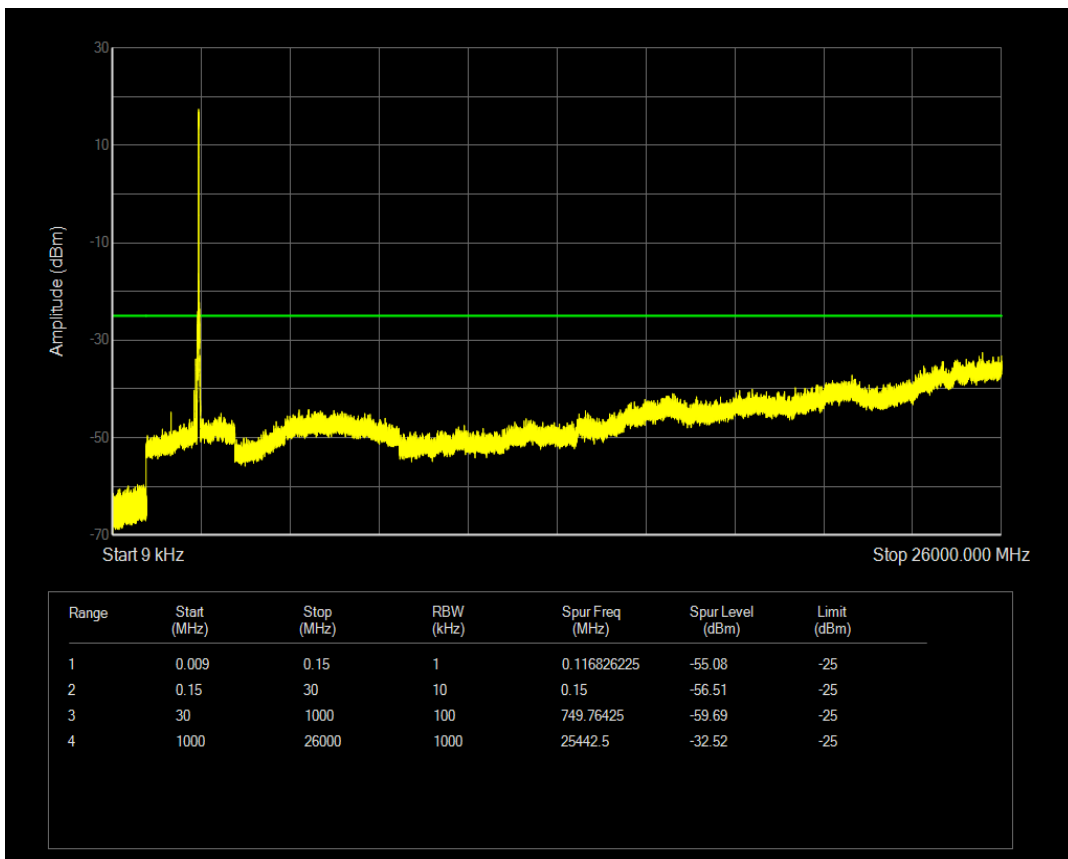
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



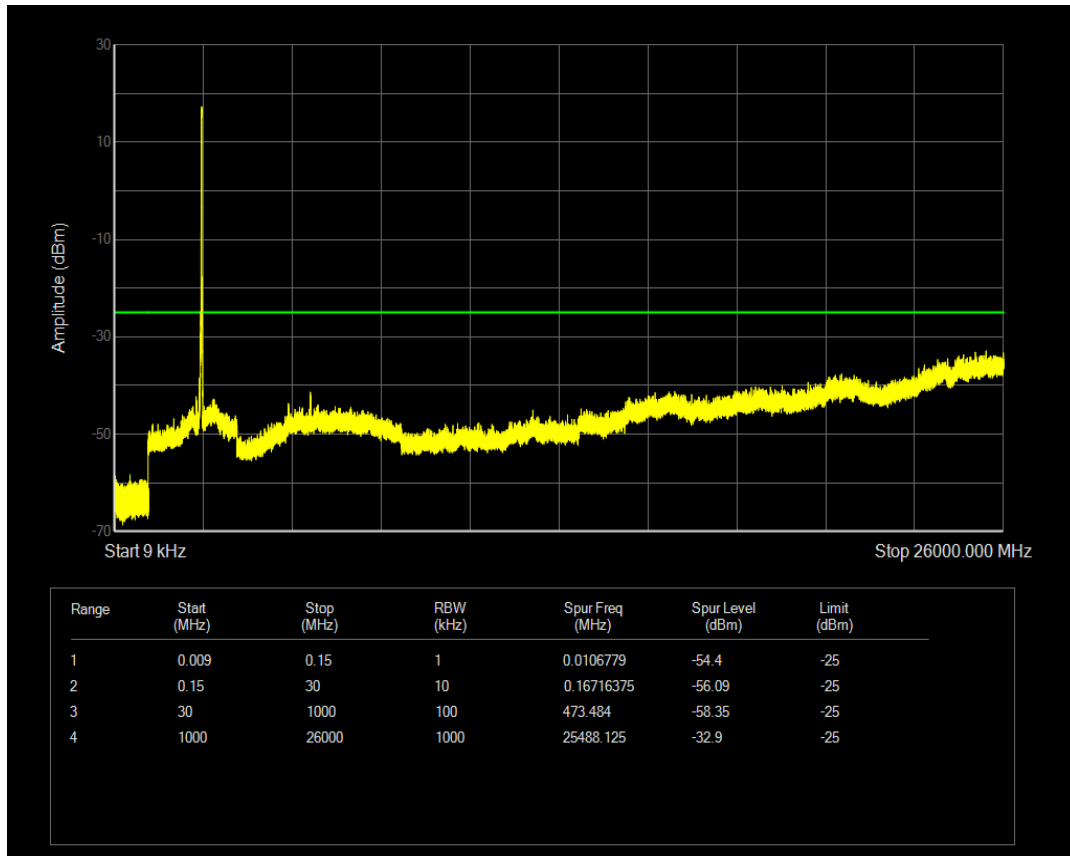
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



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



Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0

