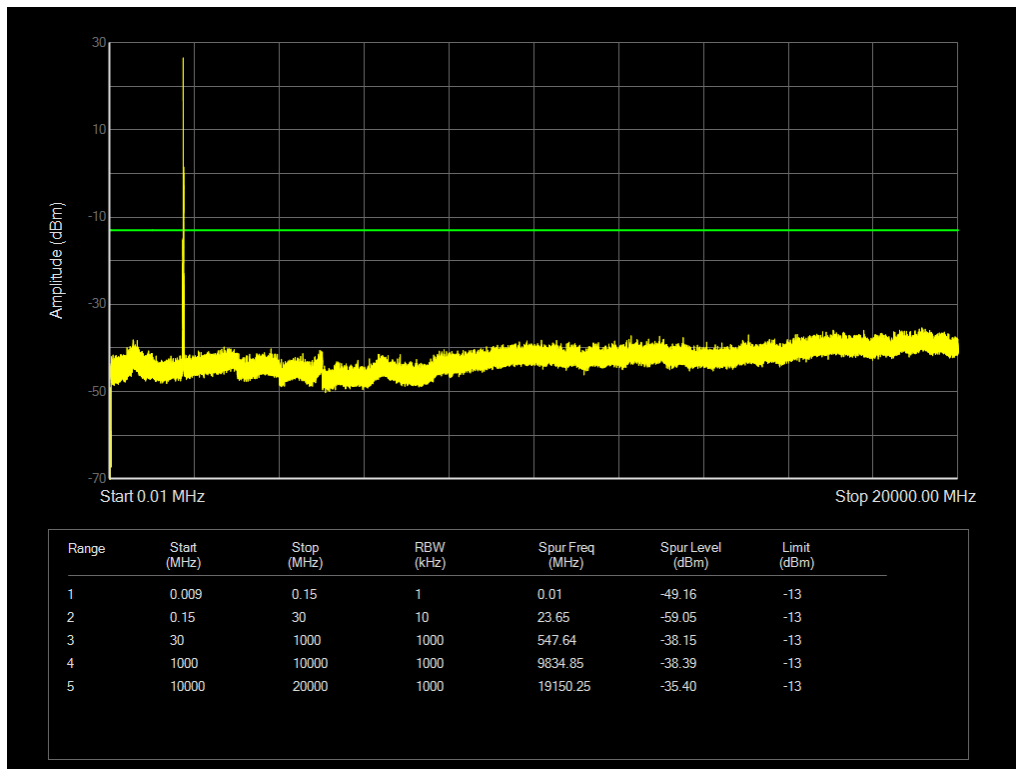
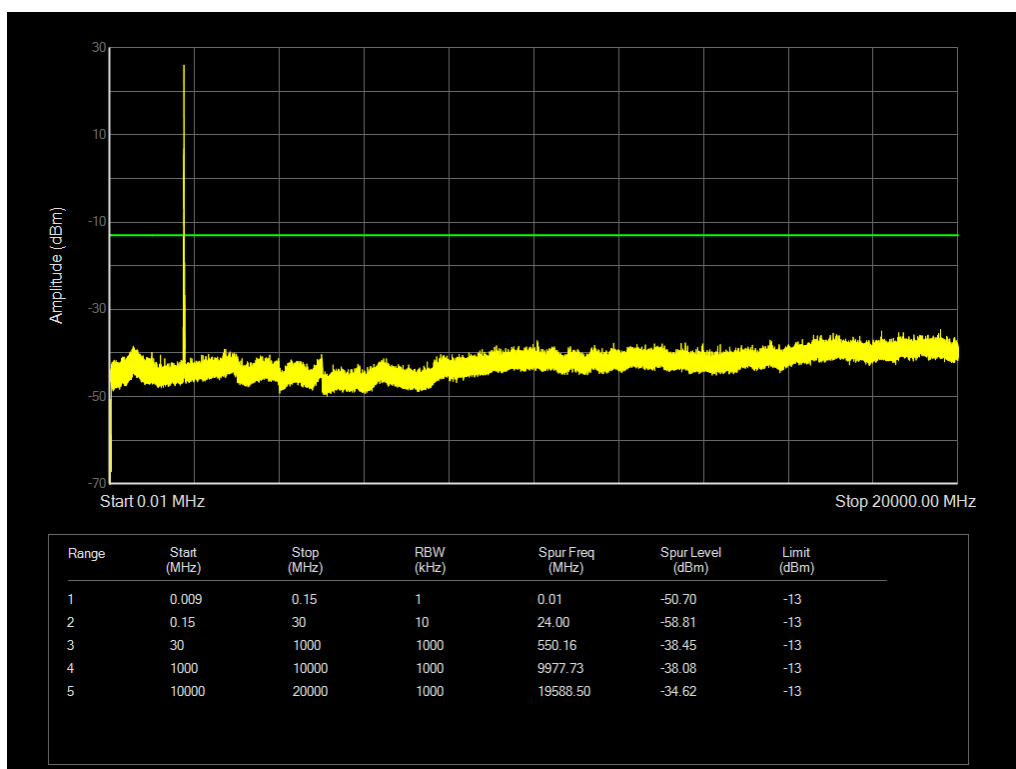
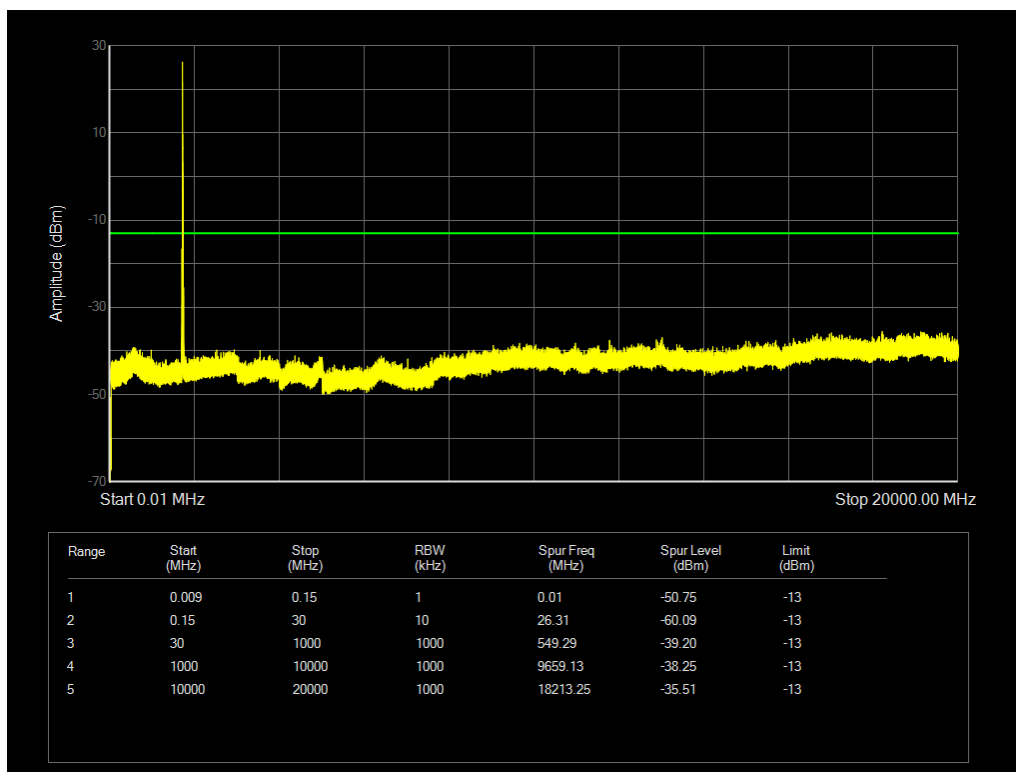




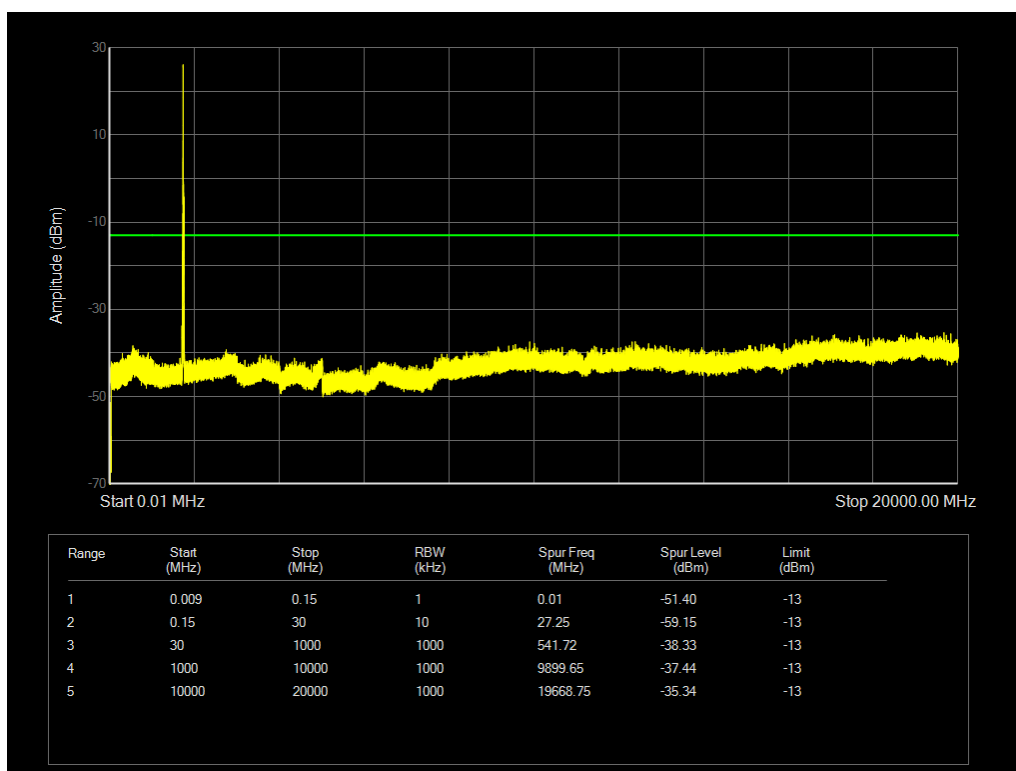
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



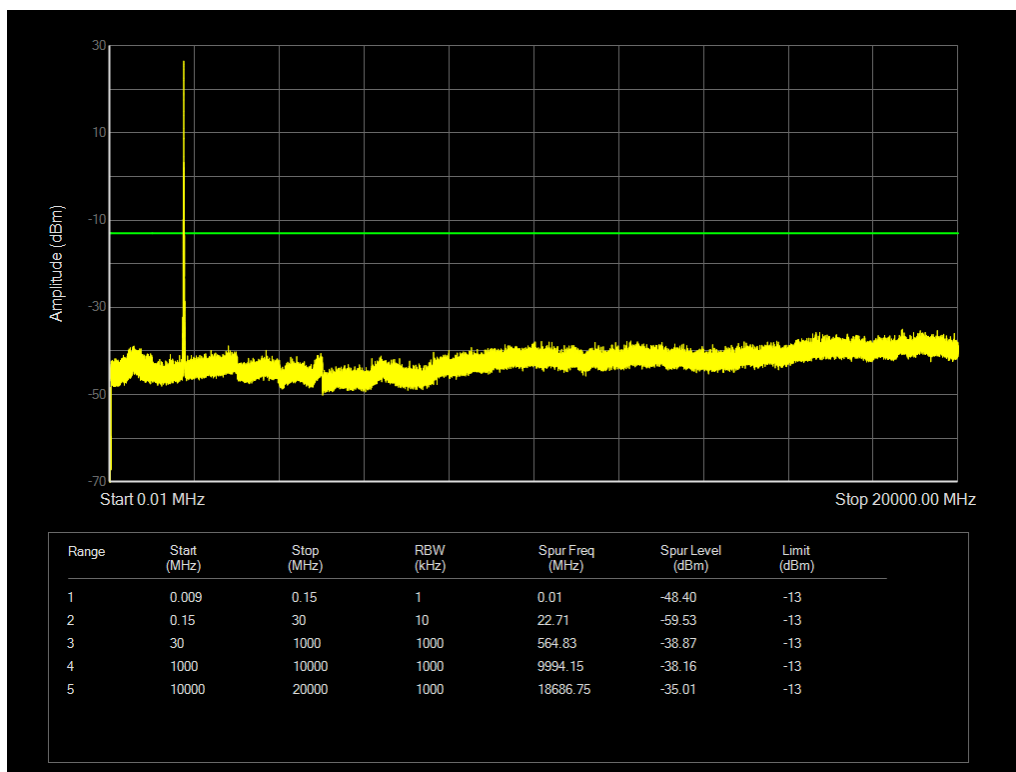
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



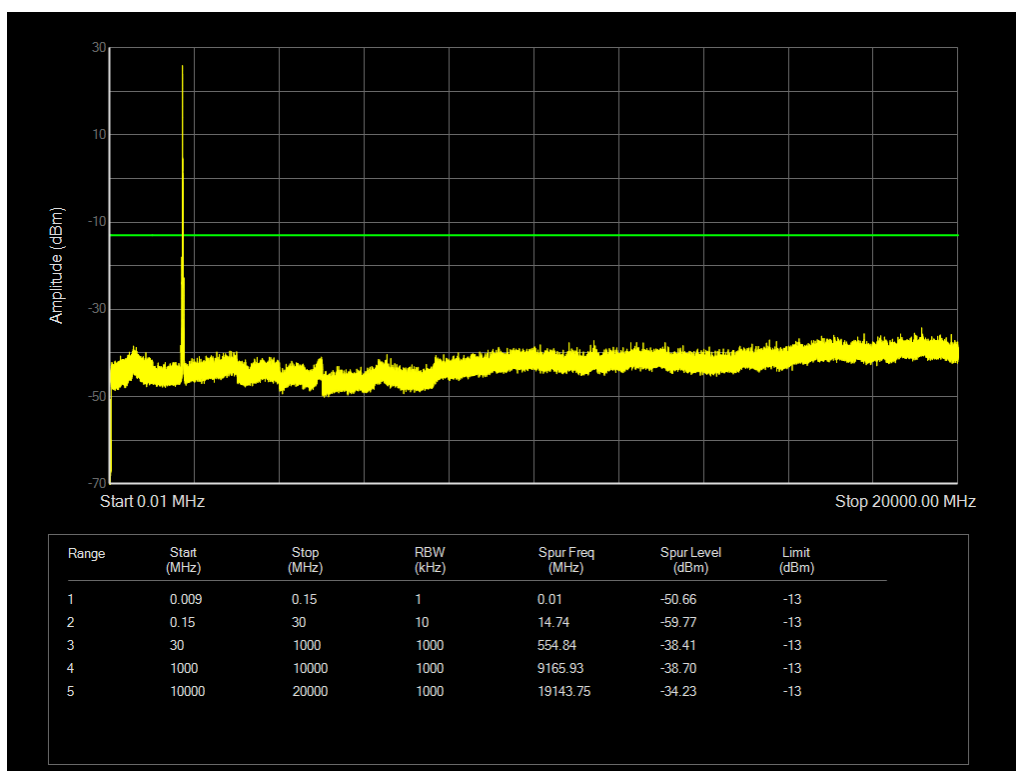
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



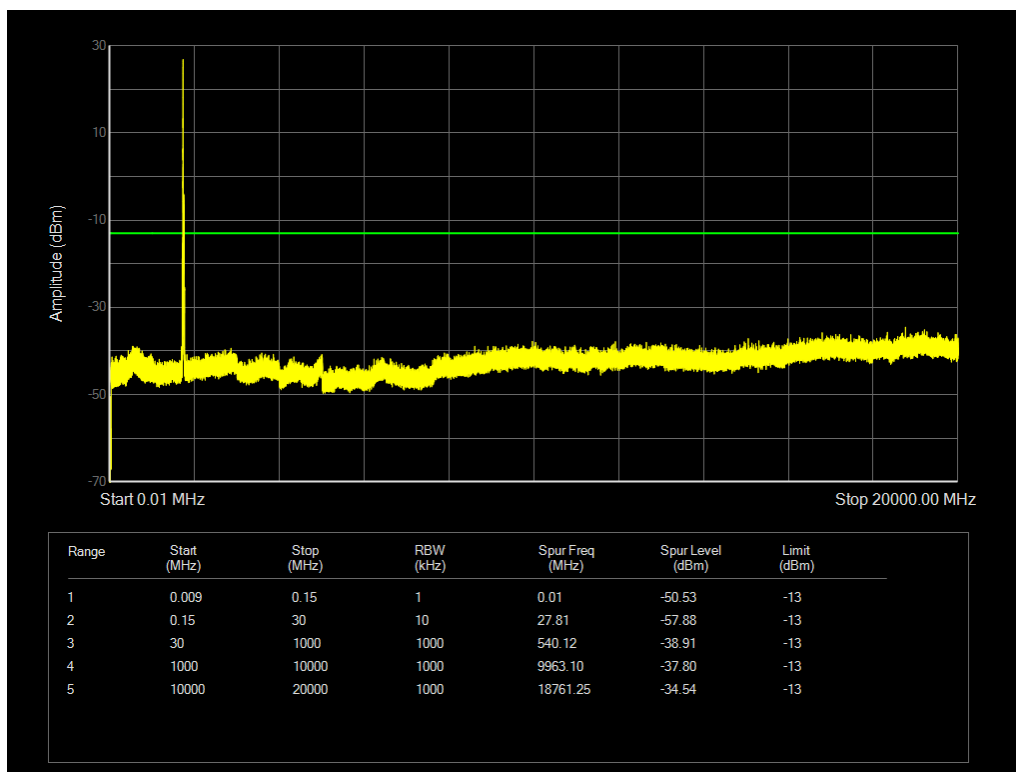
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



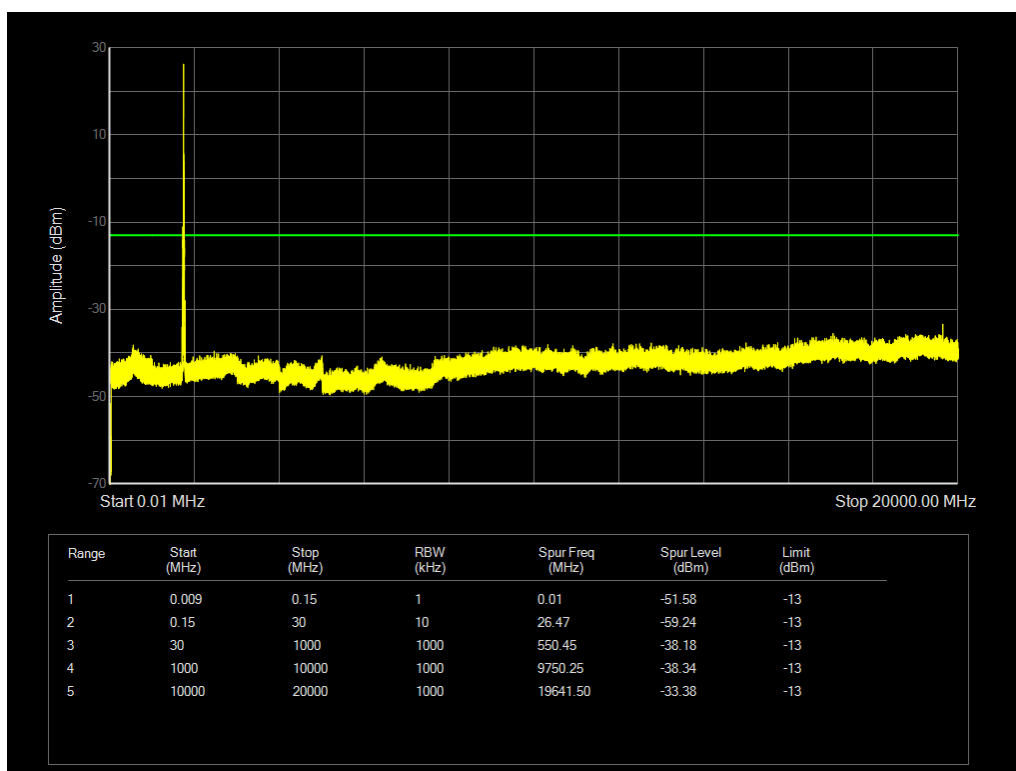
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



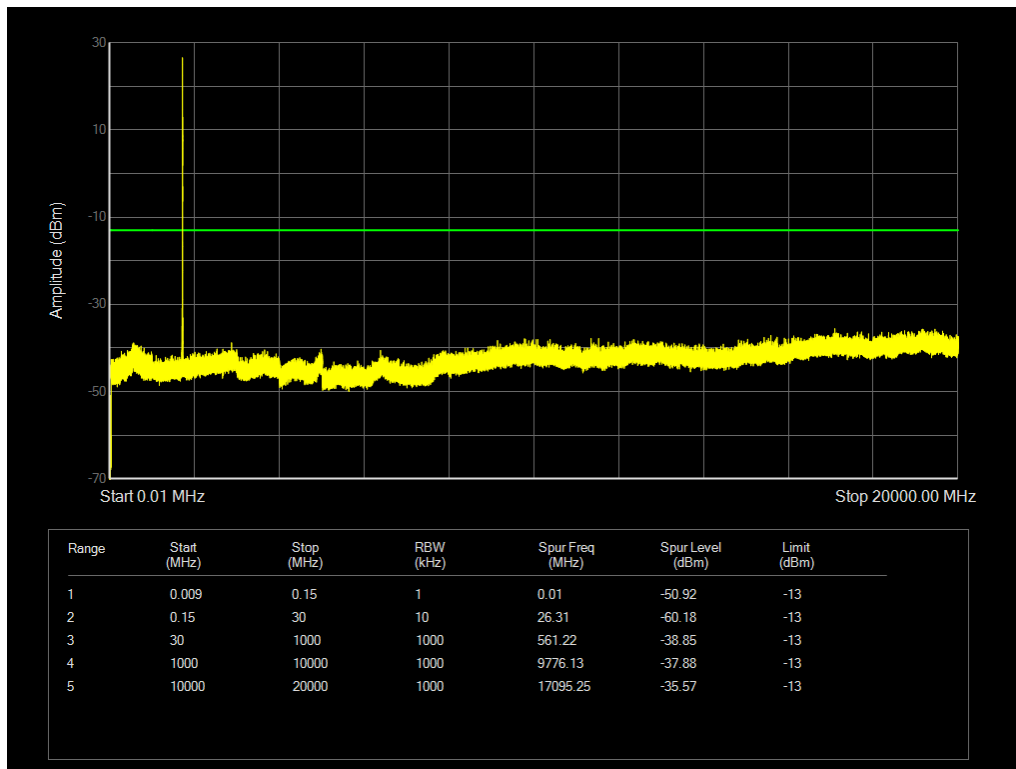
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



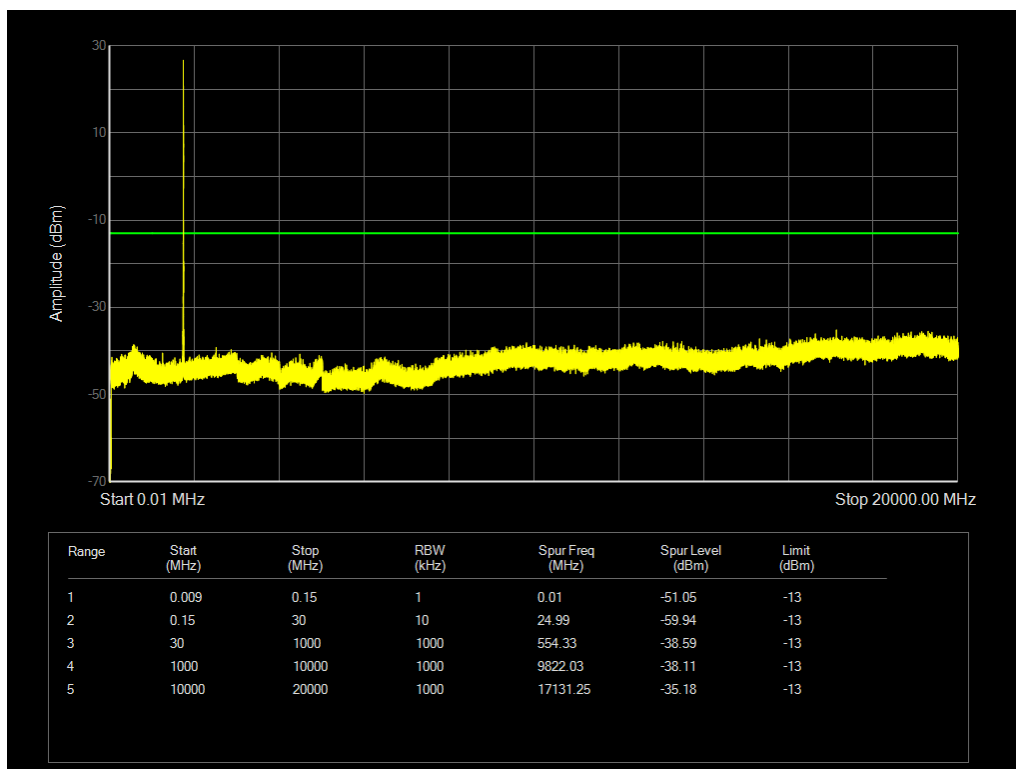
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



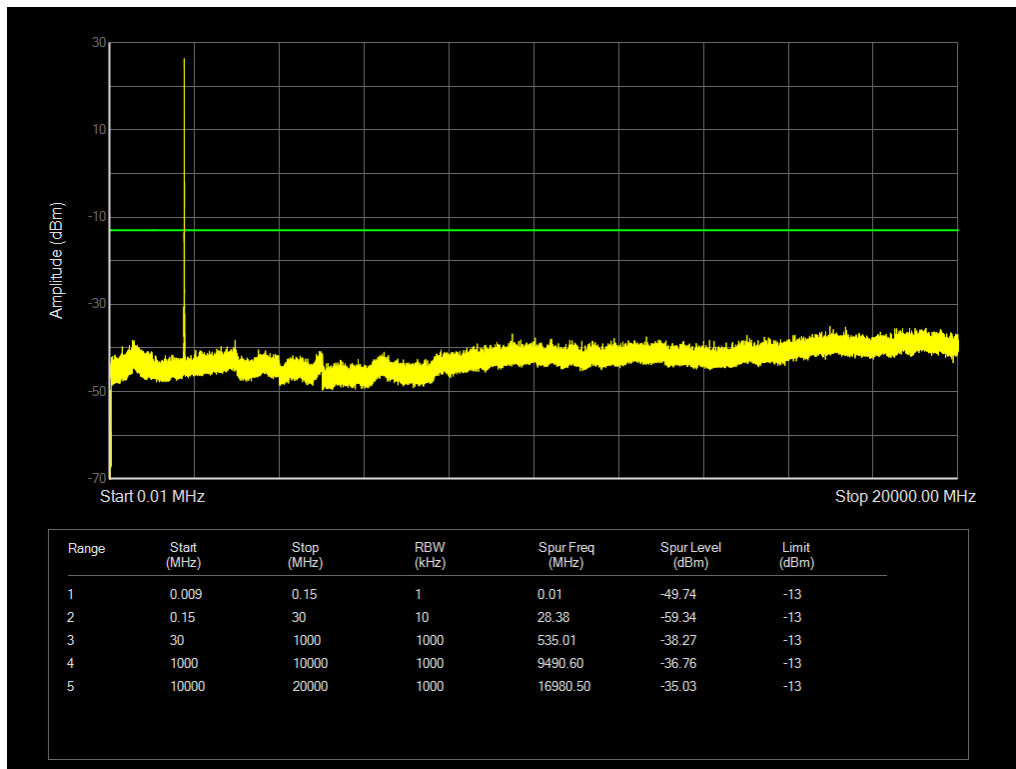
Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



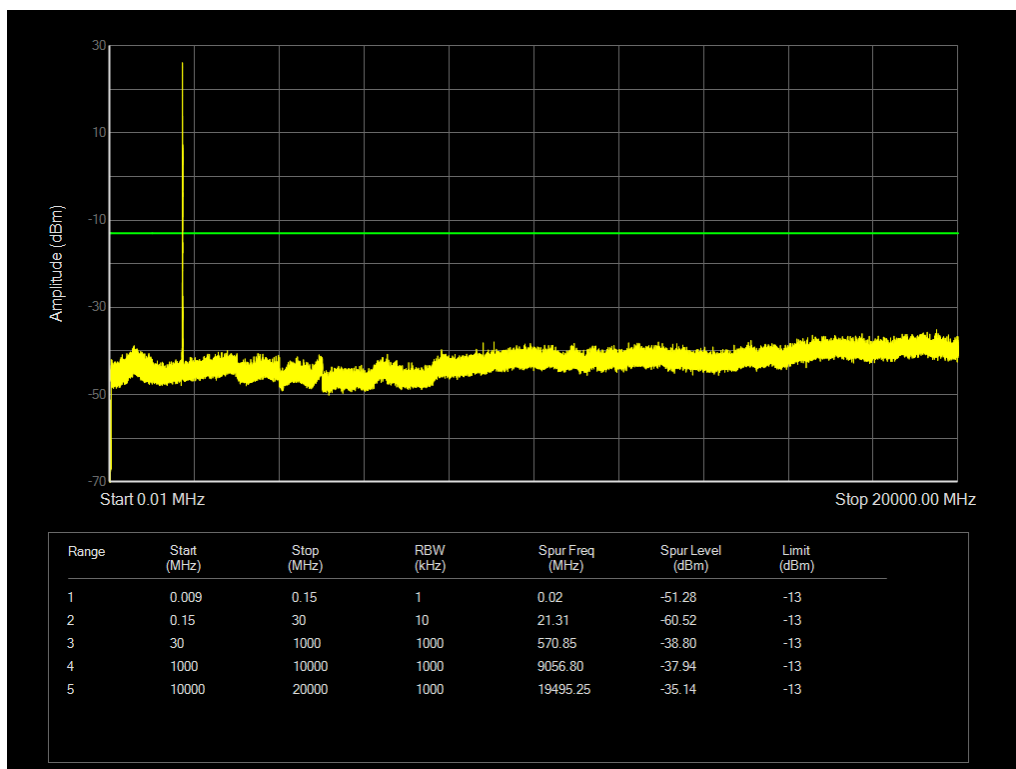
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



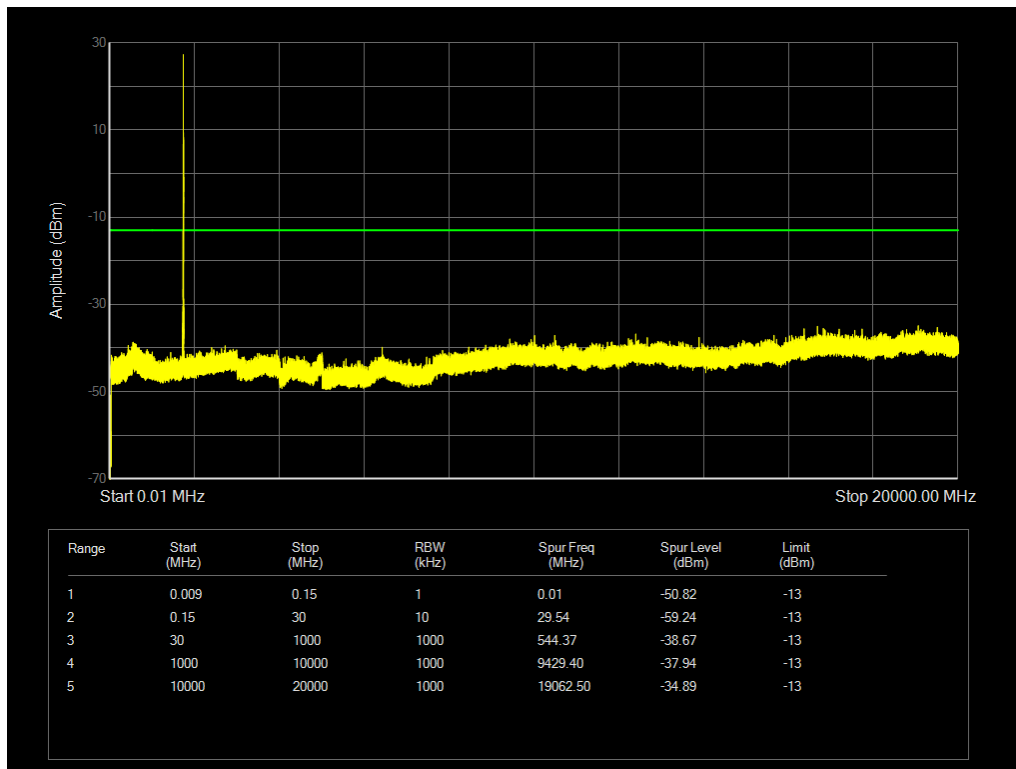
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



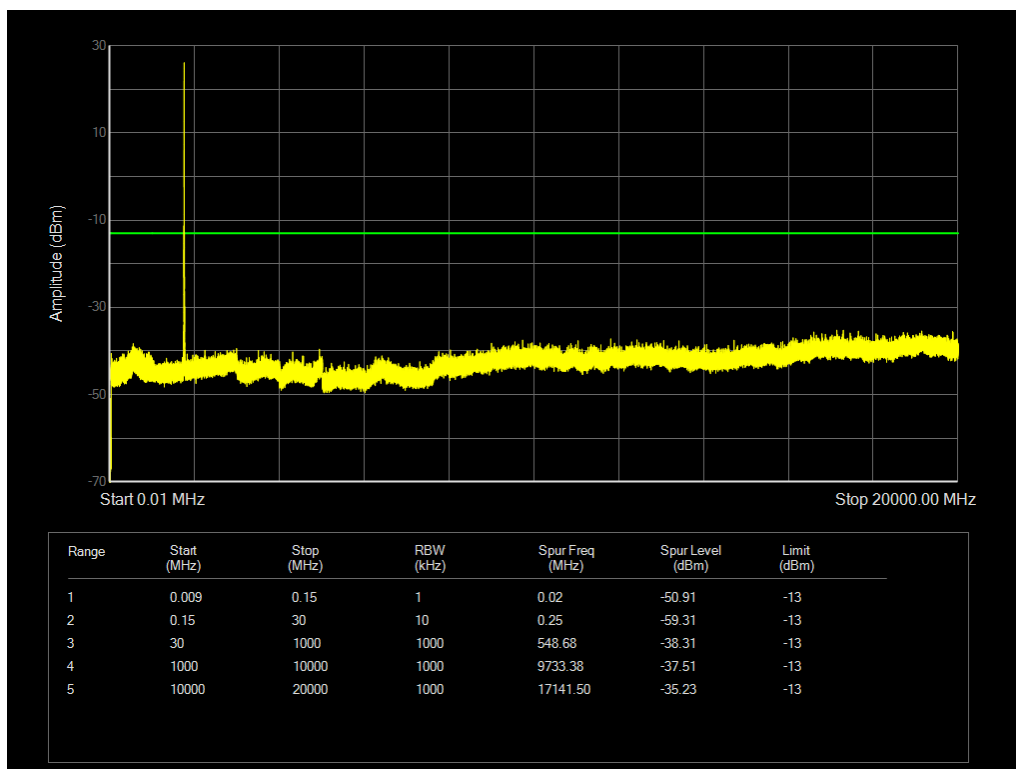
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



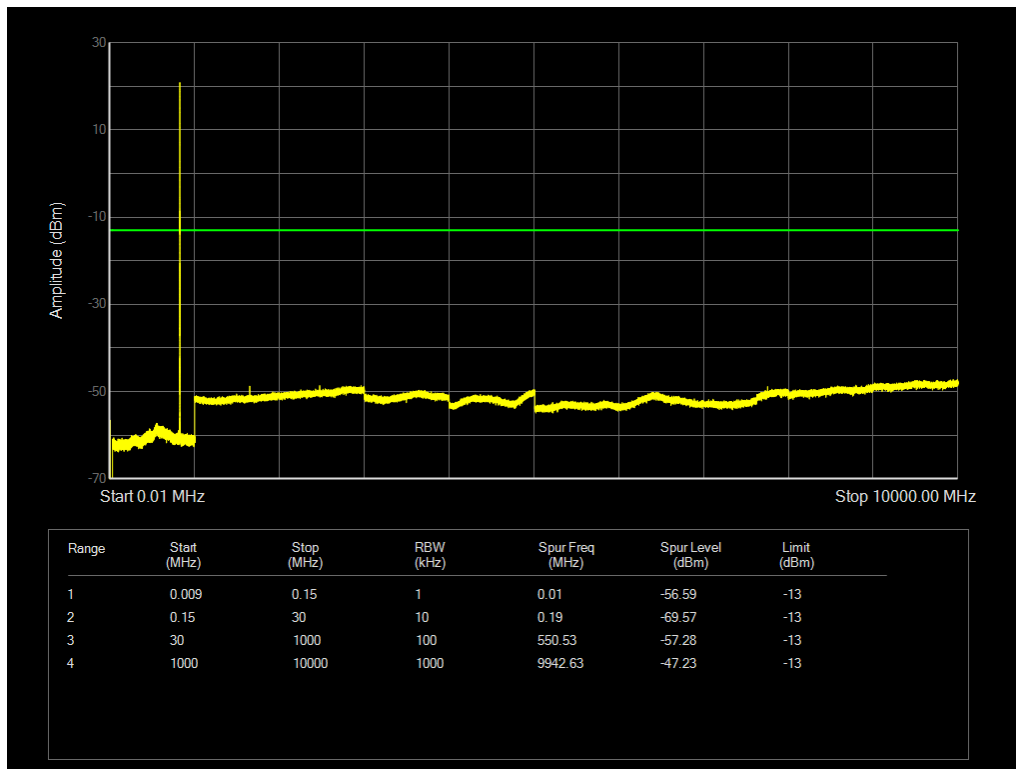
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



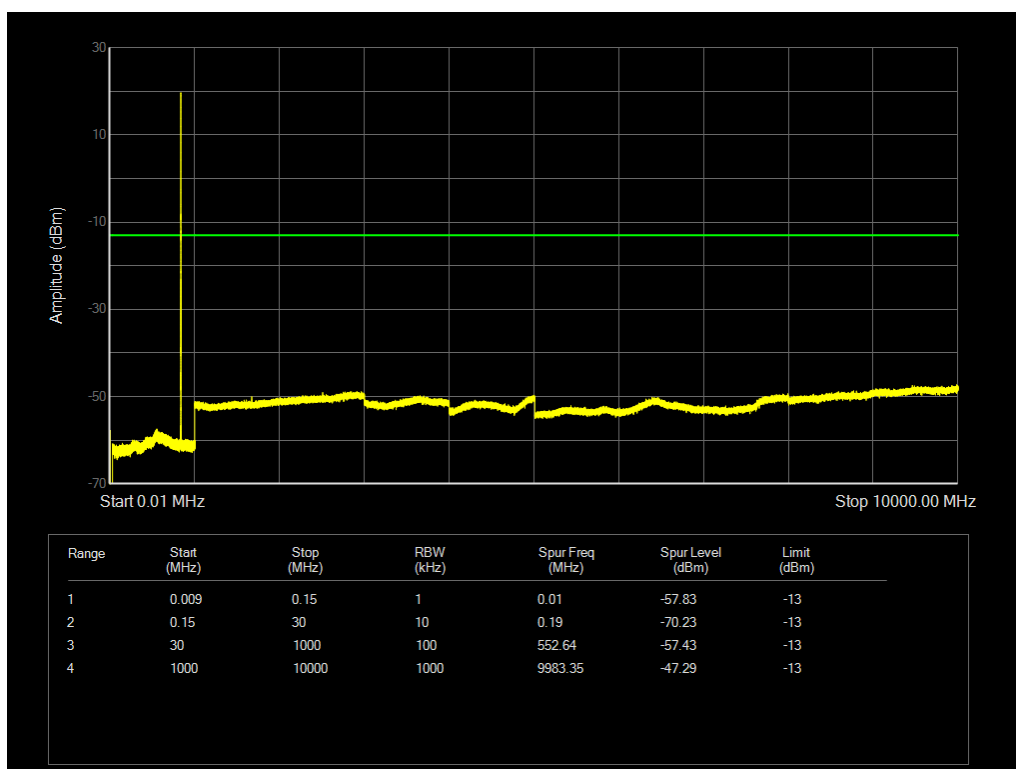
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0

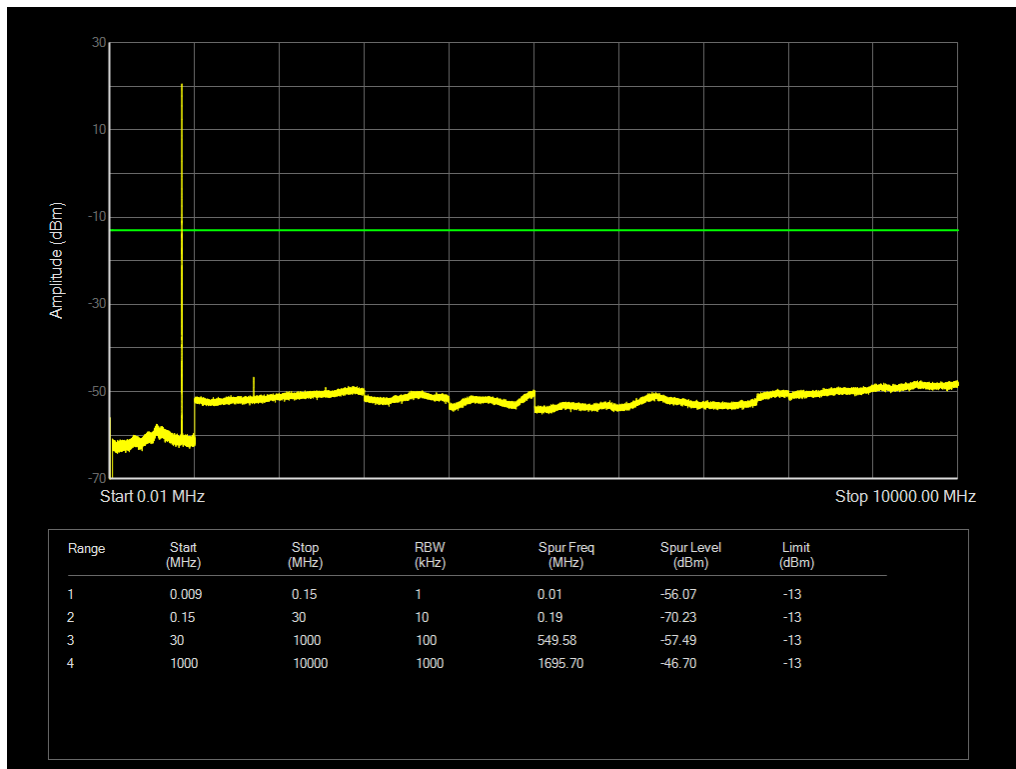


Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0

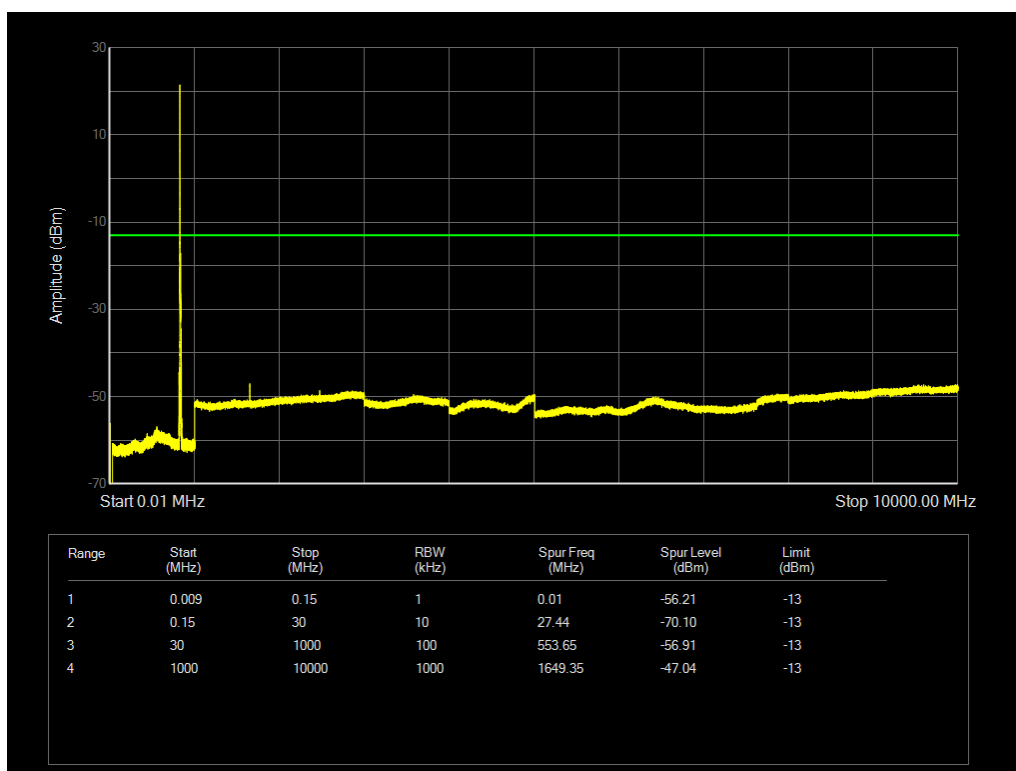


Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0

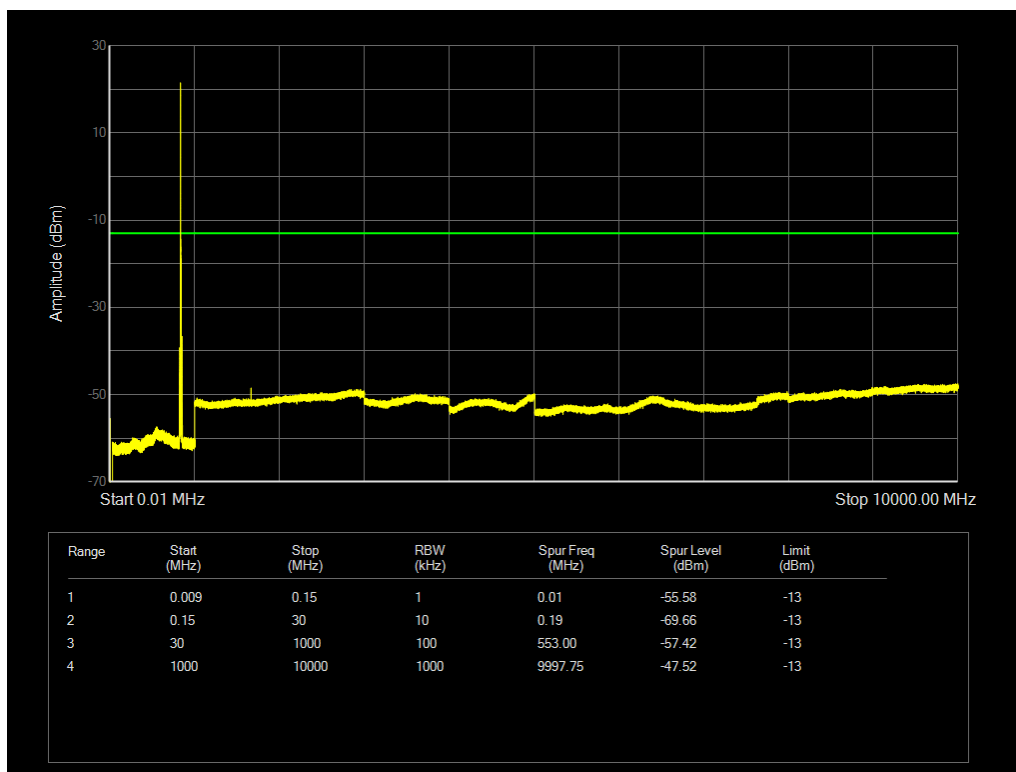




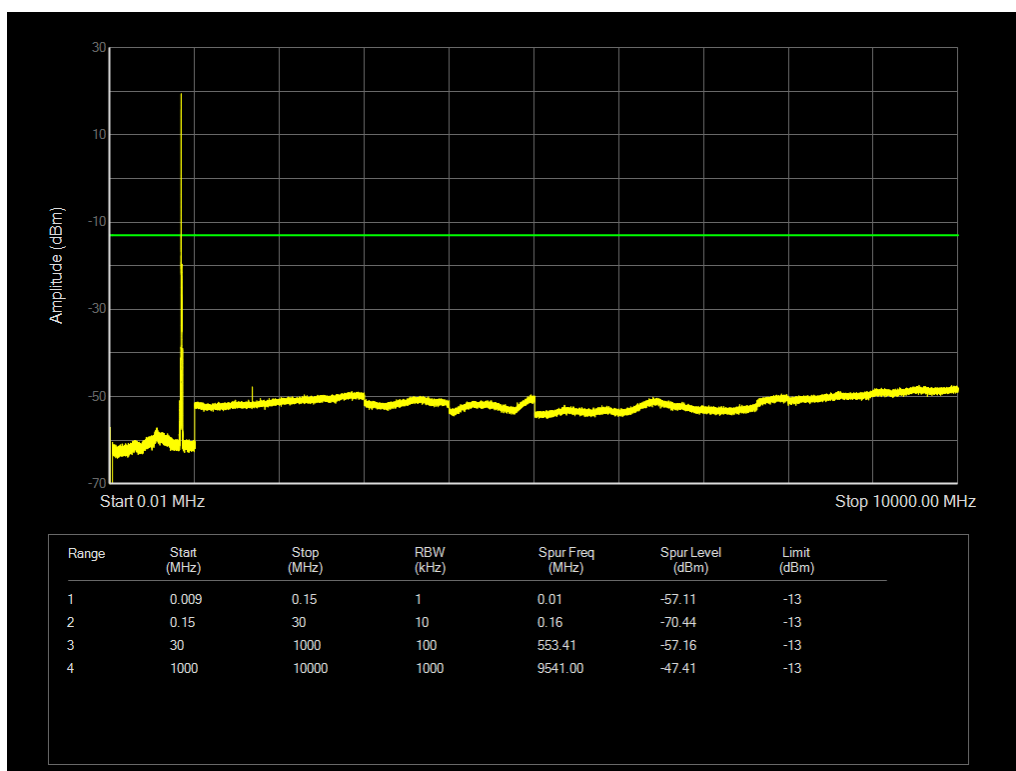
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



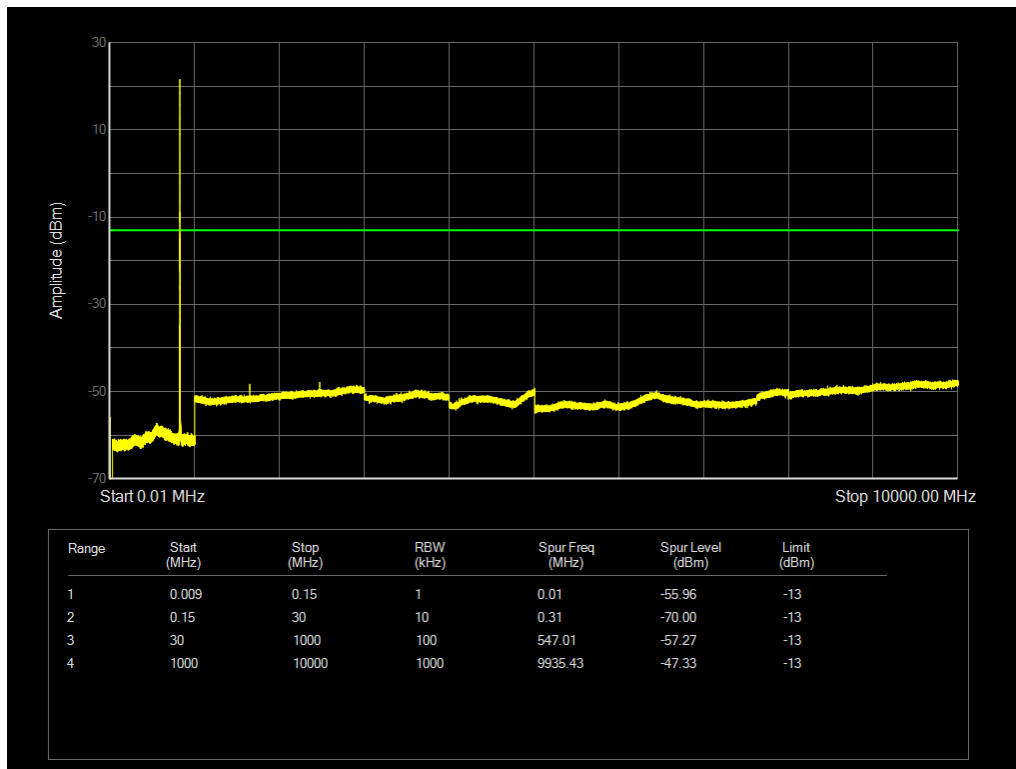
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



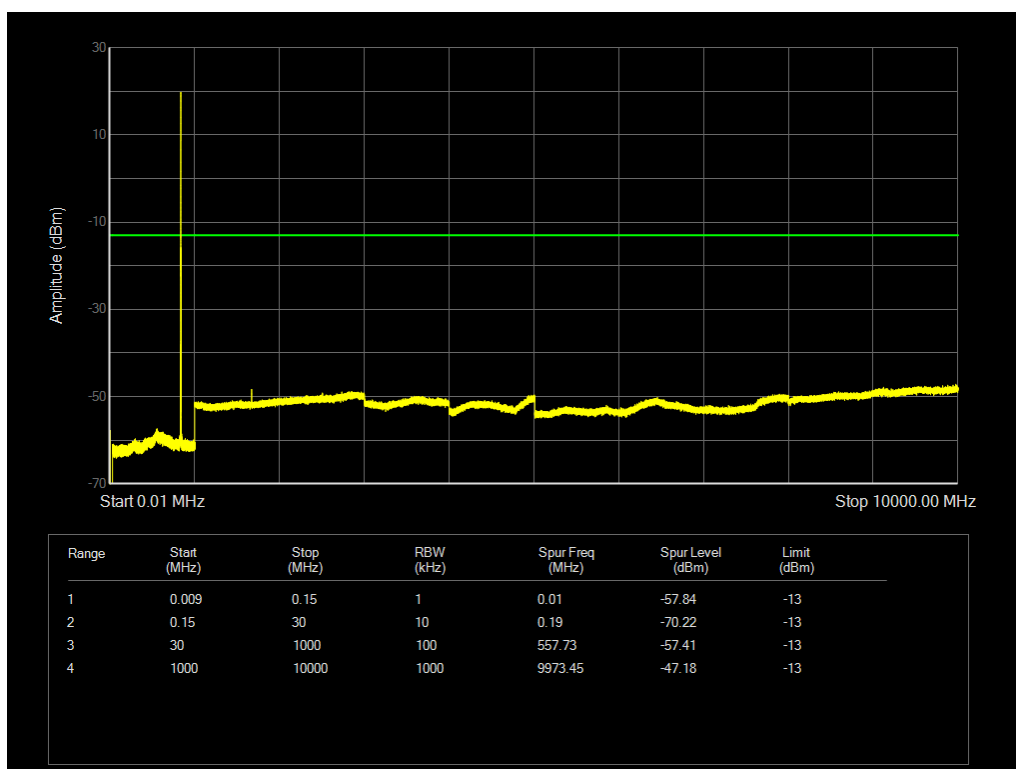
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



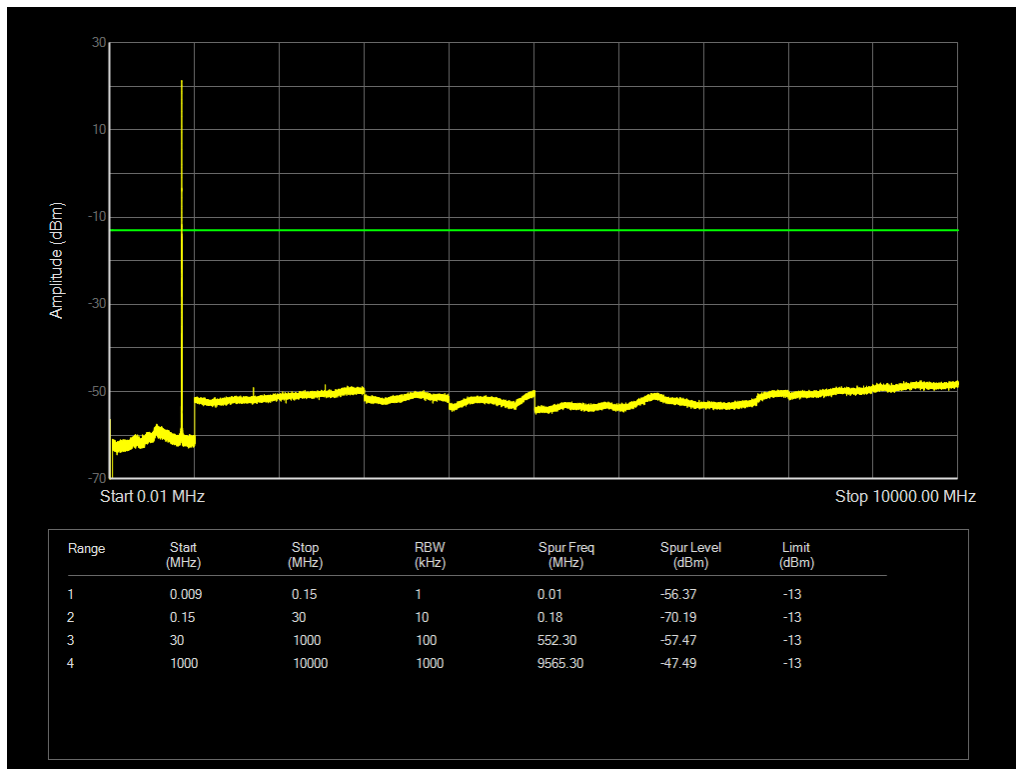
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0



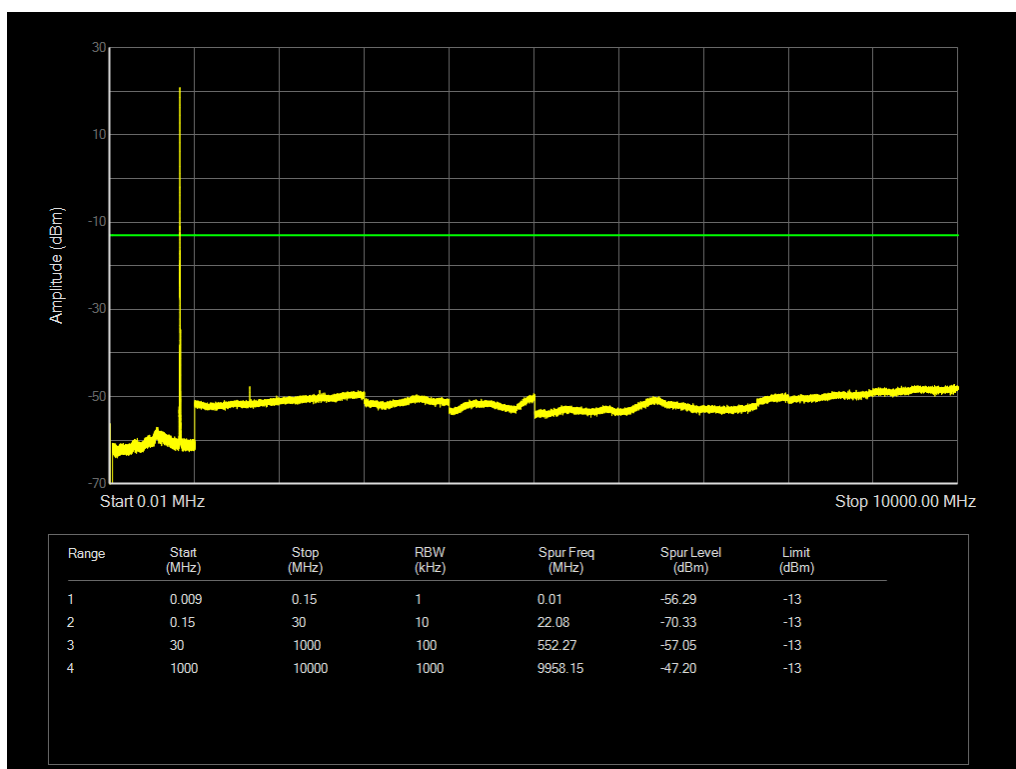
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



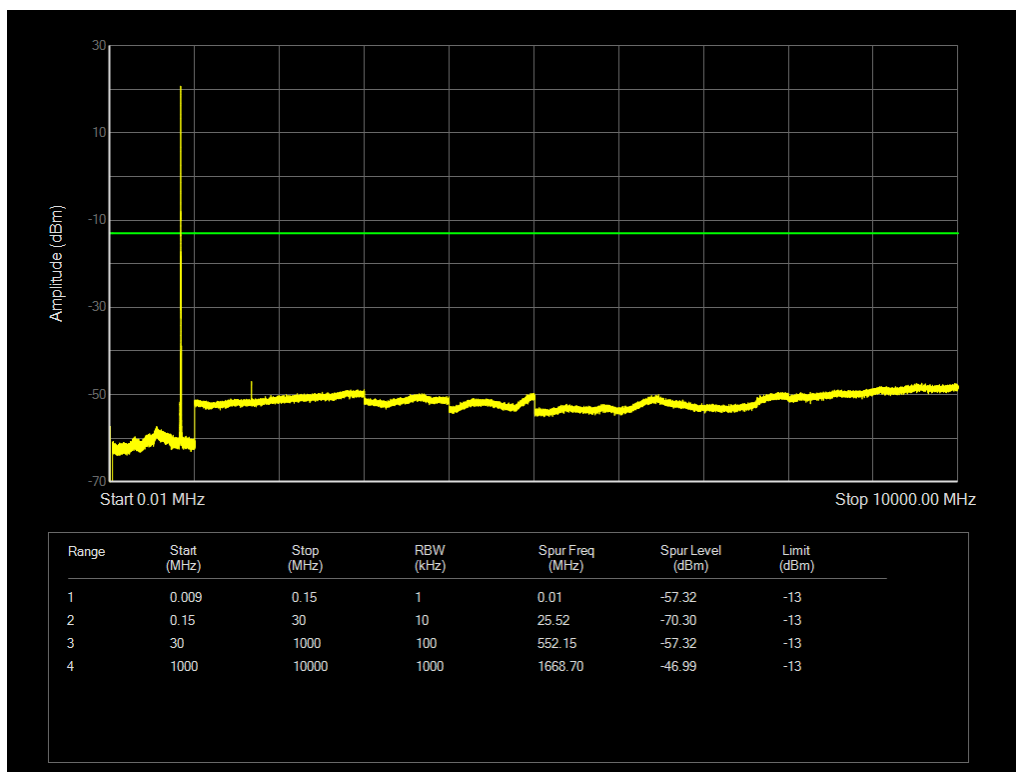
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



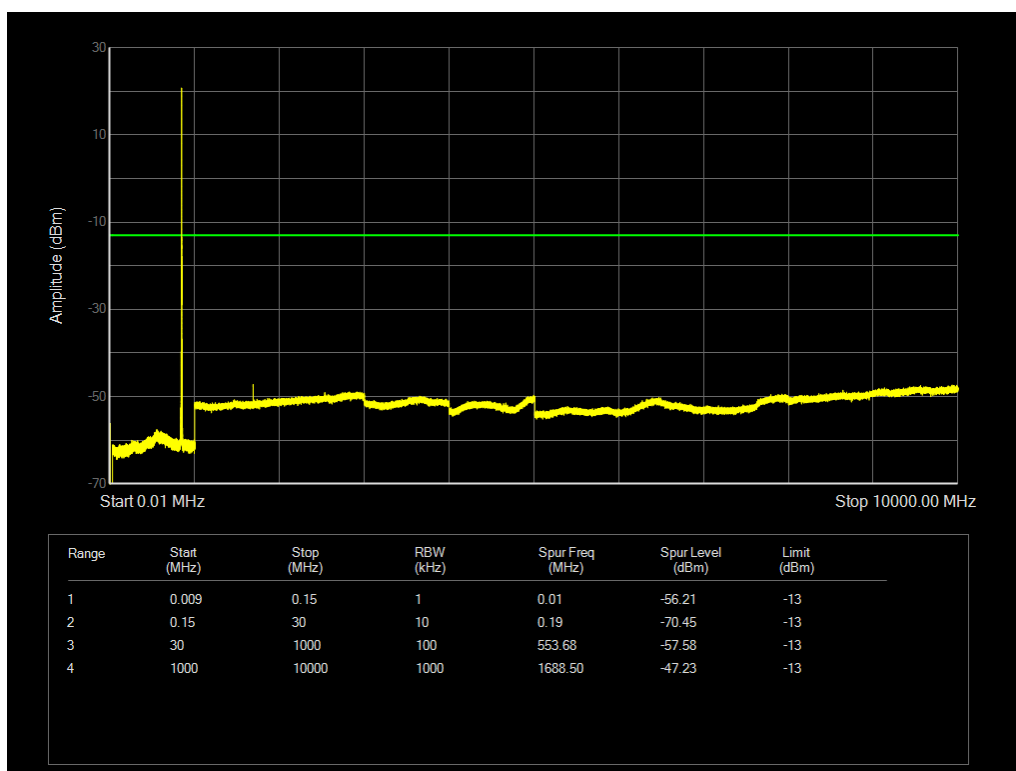
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



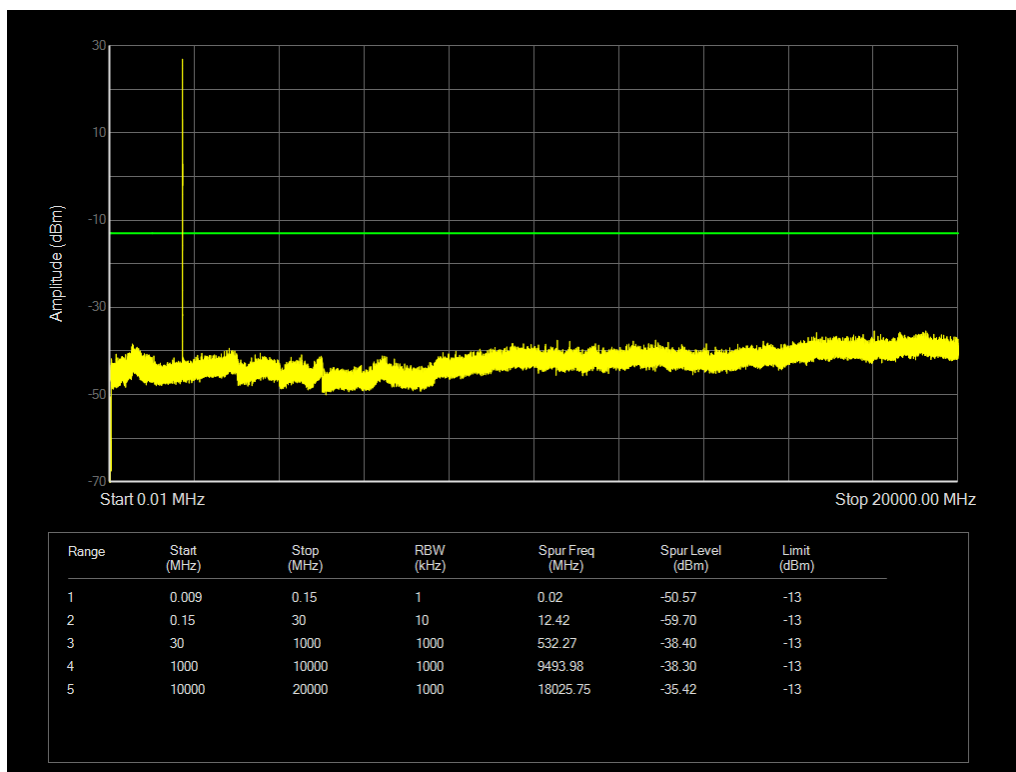
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



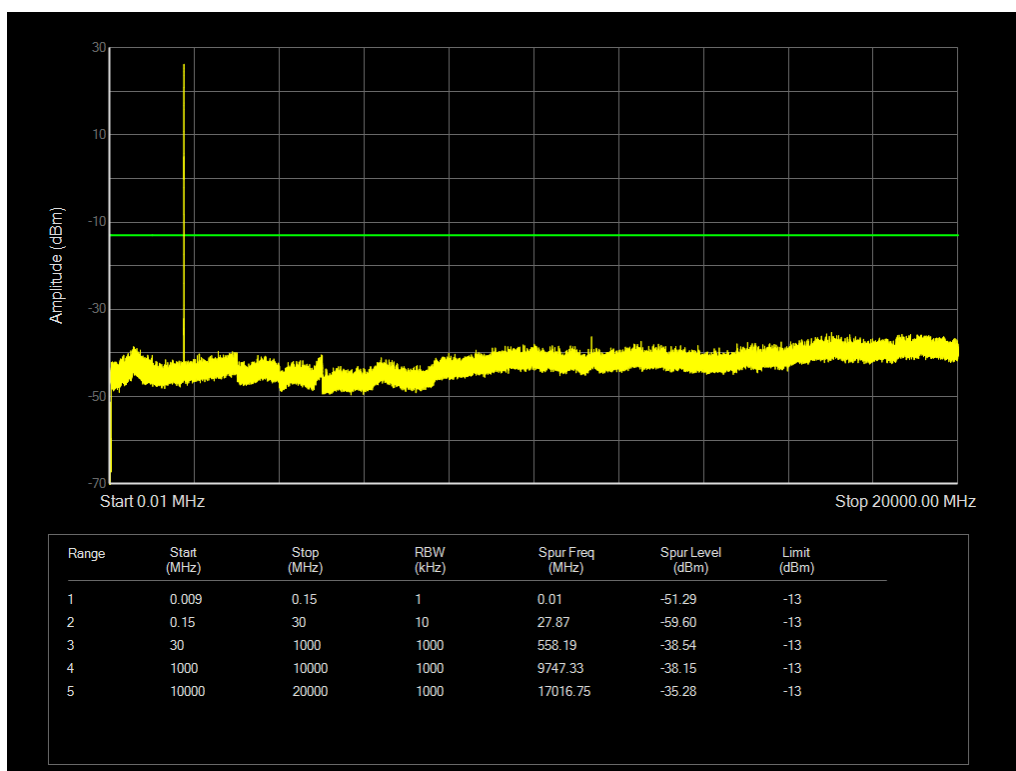
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



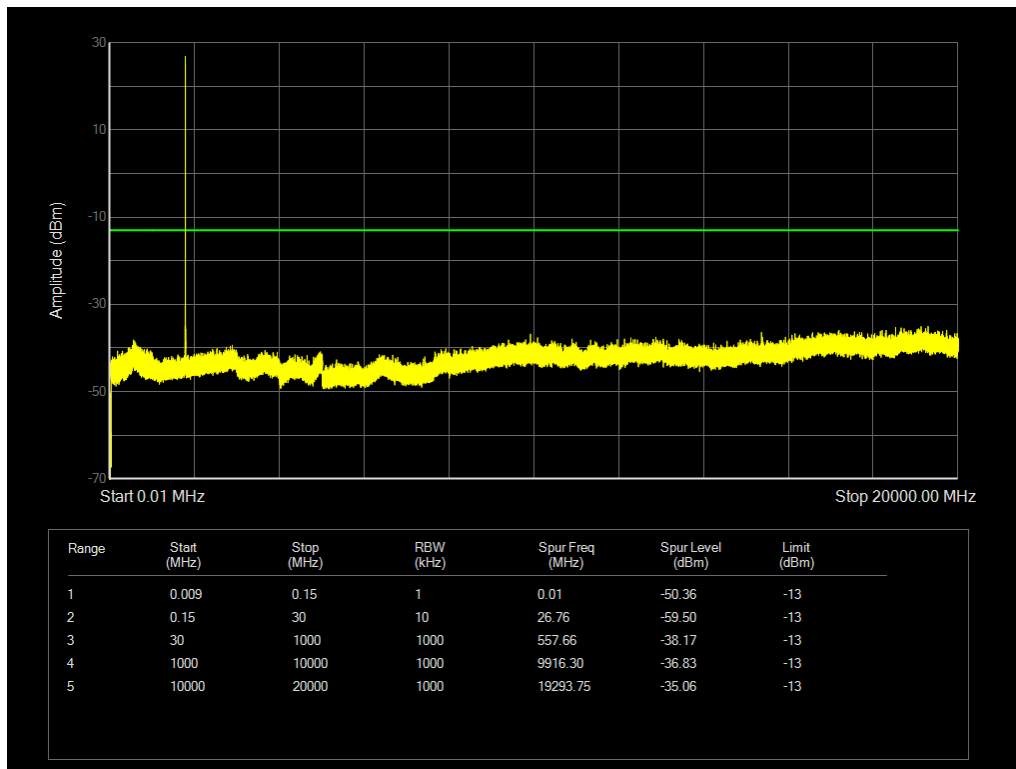
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



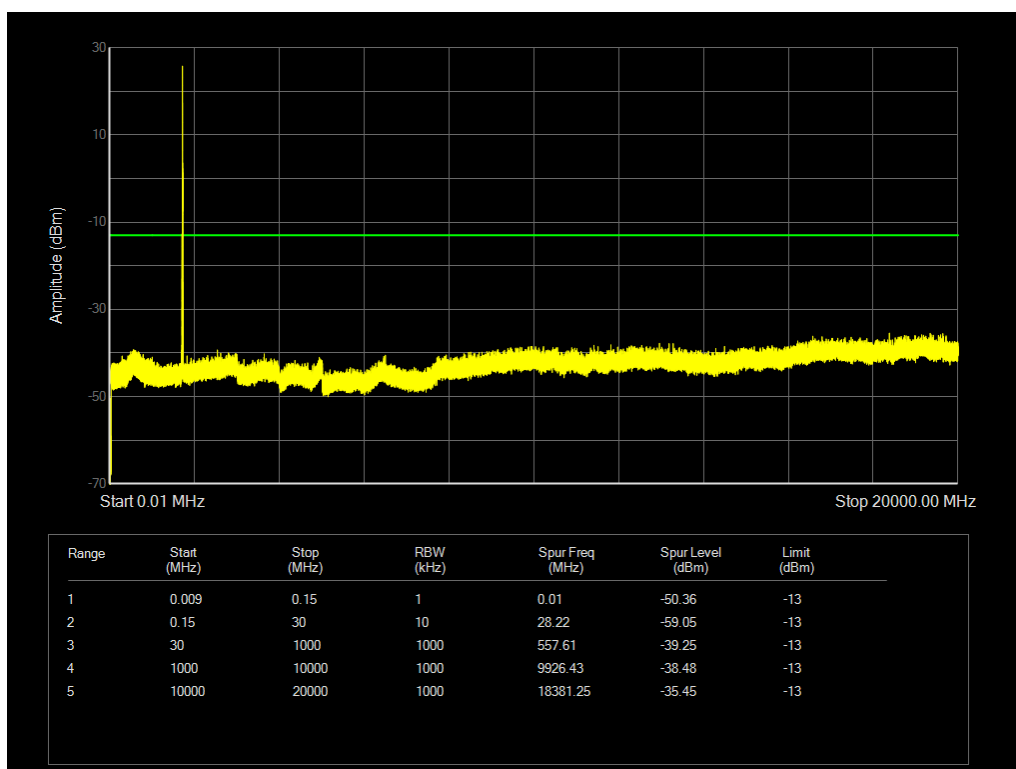
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#0



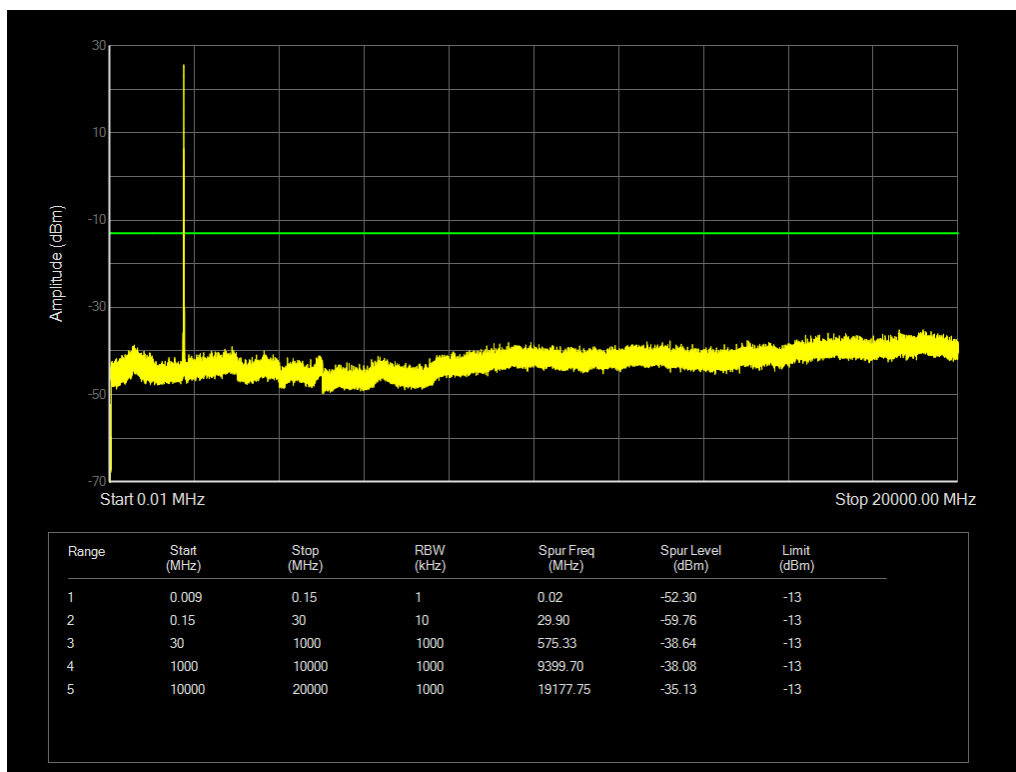
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=1 Position=#0



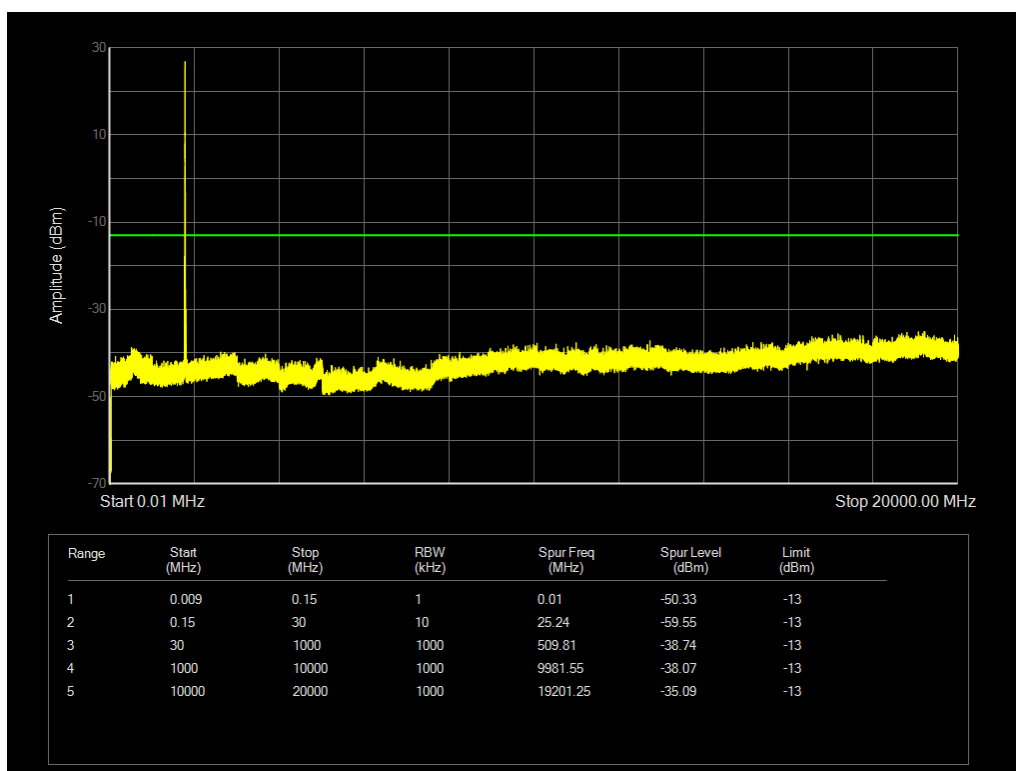
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#0



Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#0

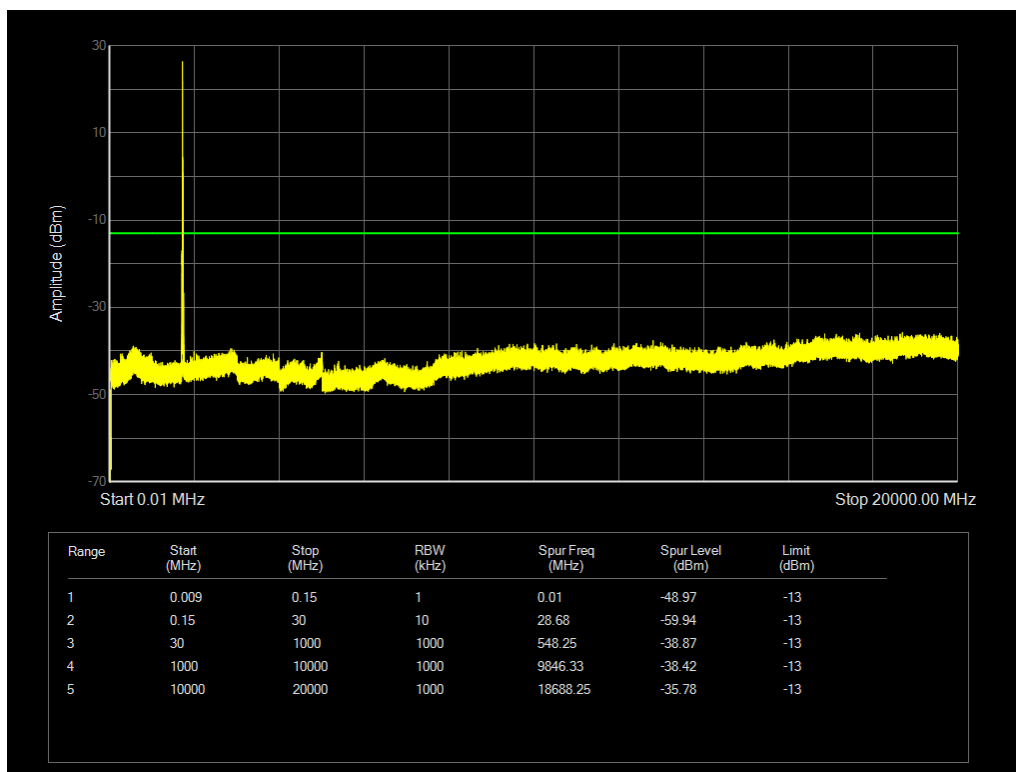


Band66 QPSK BW=10MHz Channel=132322 RB Size=1 Position=#0

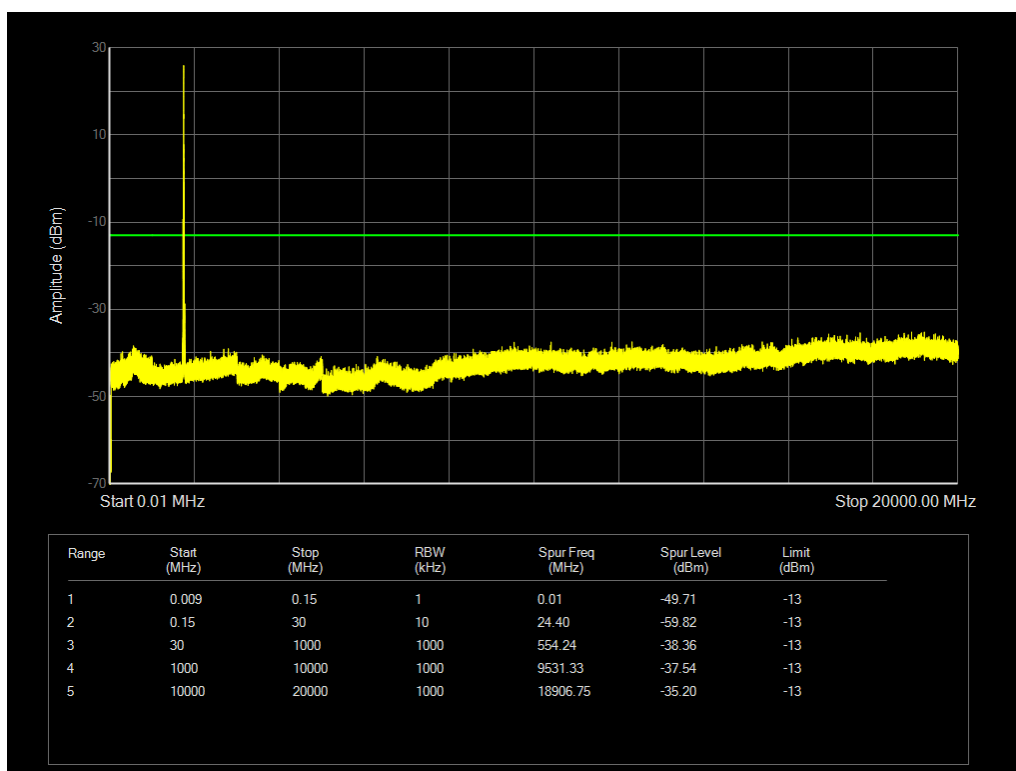


Band66 QPSK BW=10MHz Channel=132622 RB Size=1 Position=#0

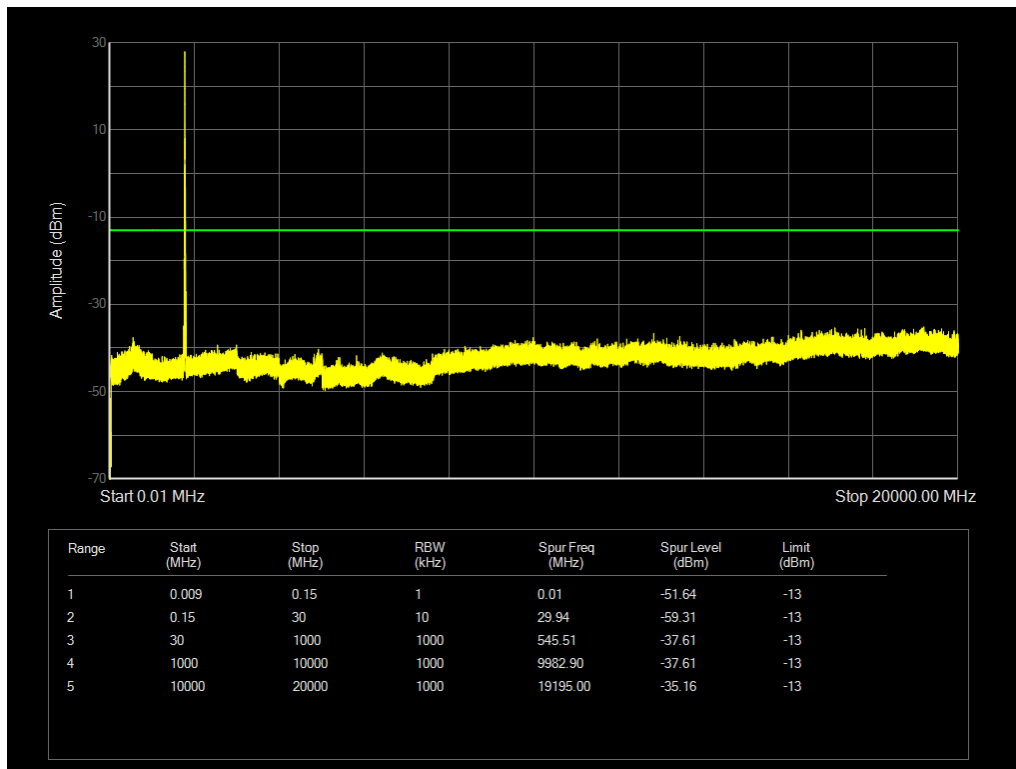




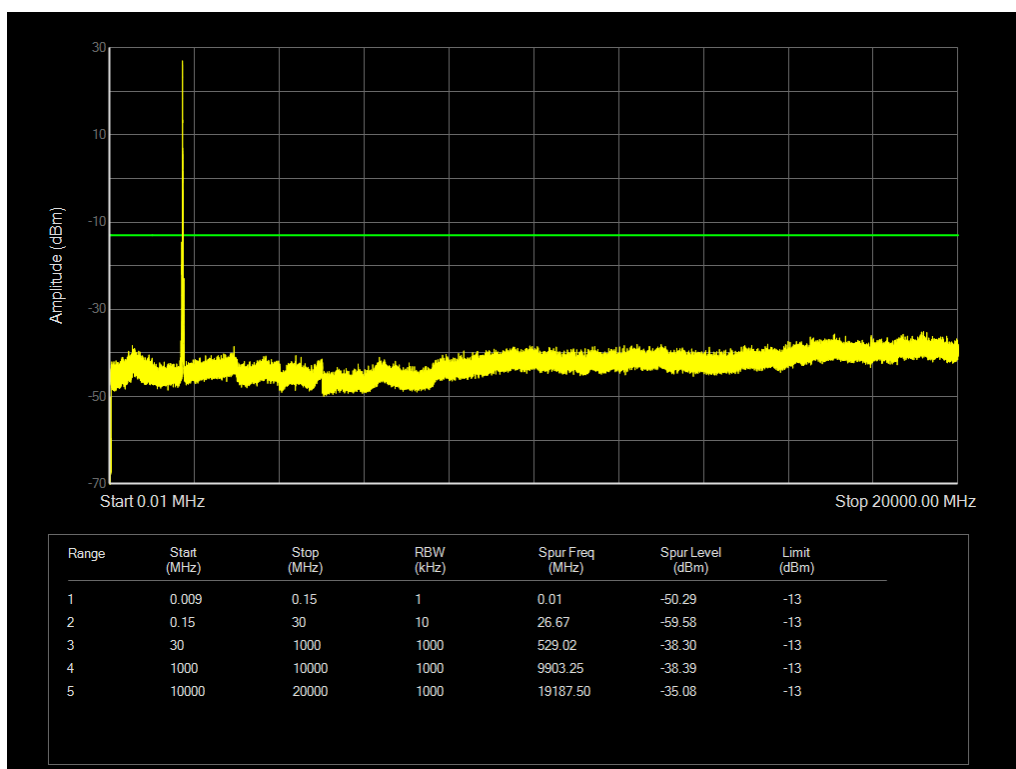
Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#0



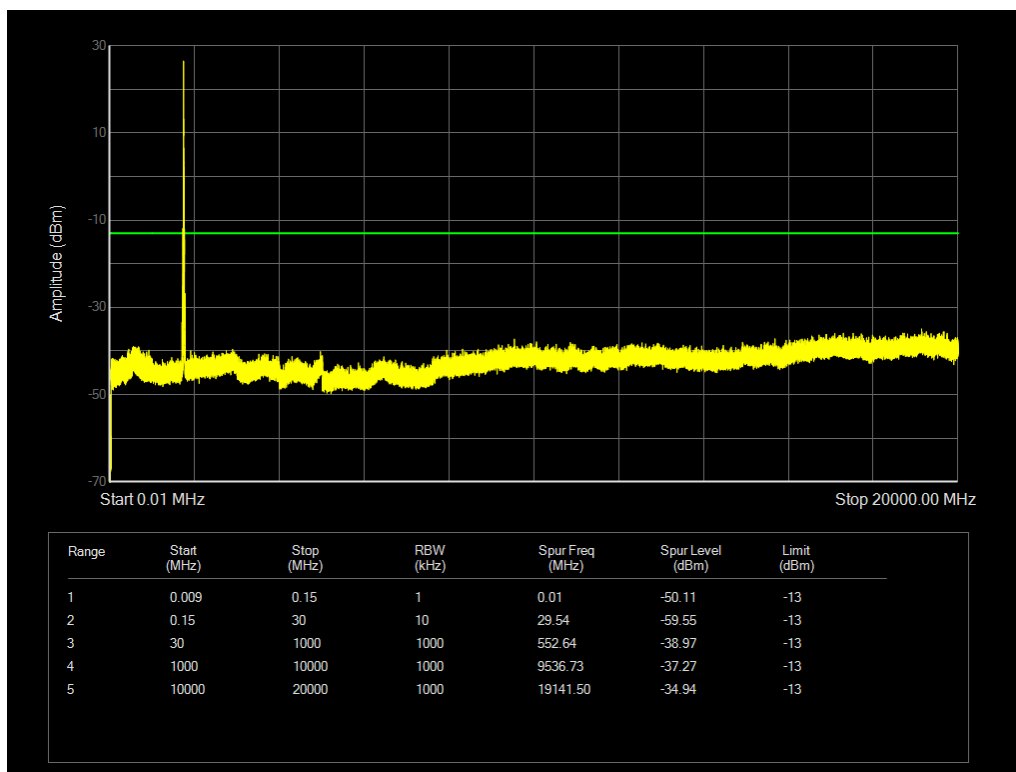
Band66 QPSK BW=15MHz Channel=132322 RB Size=1 Position=#0



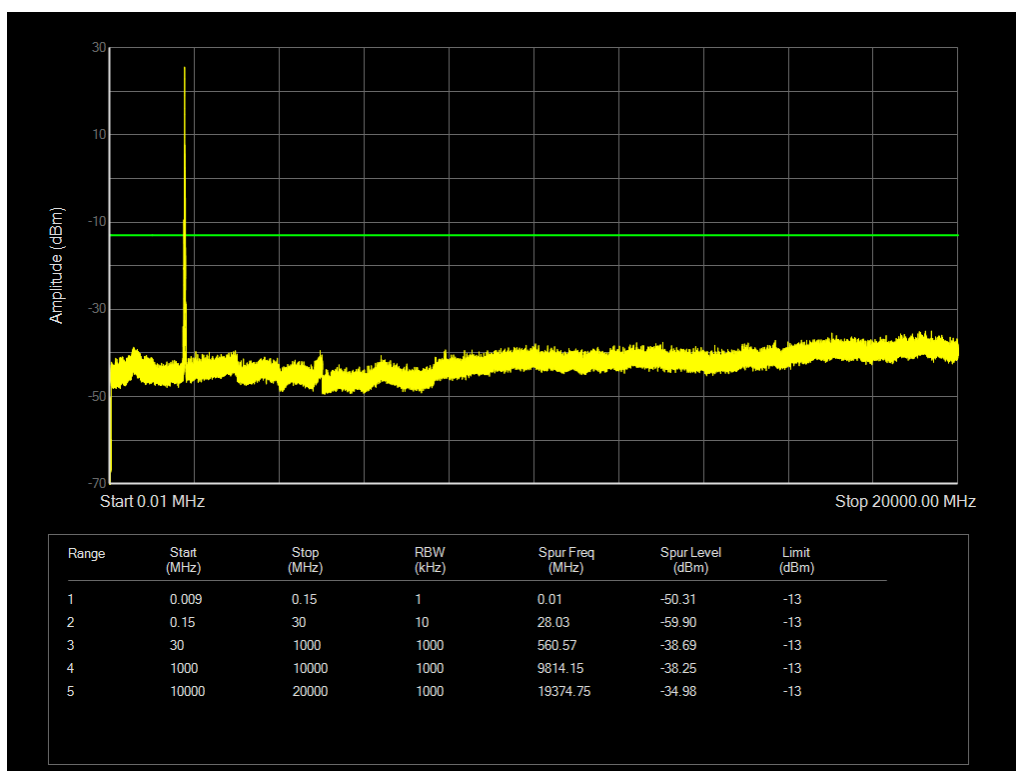
Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#0



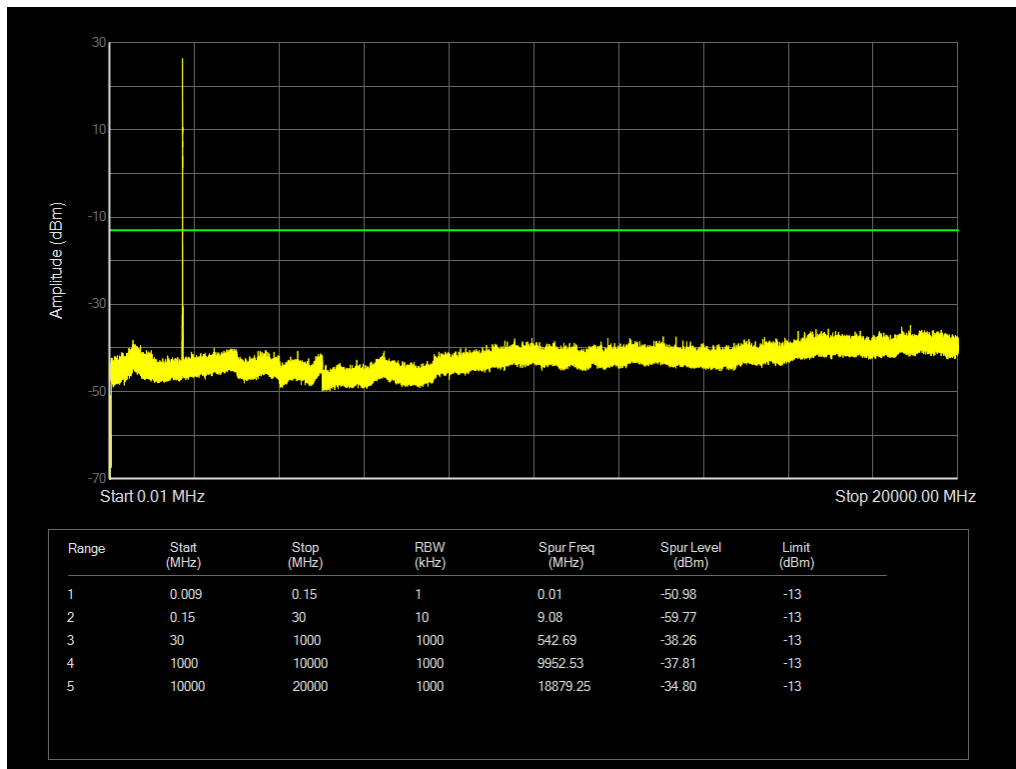
Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0



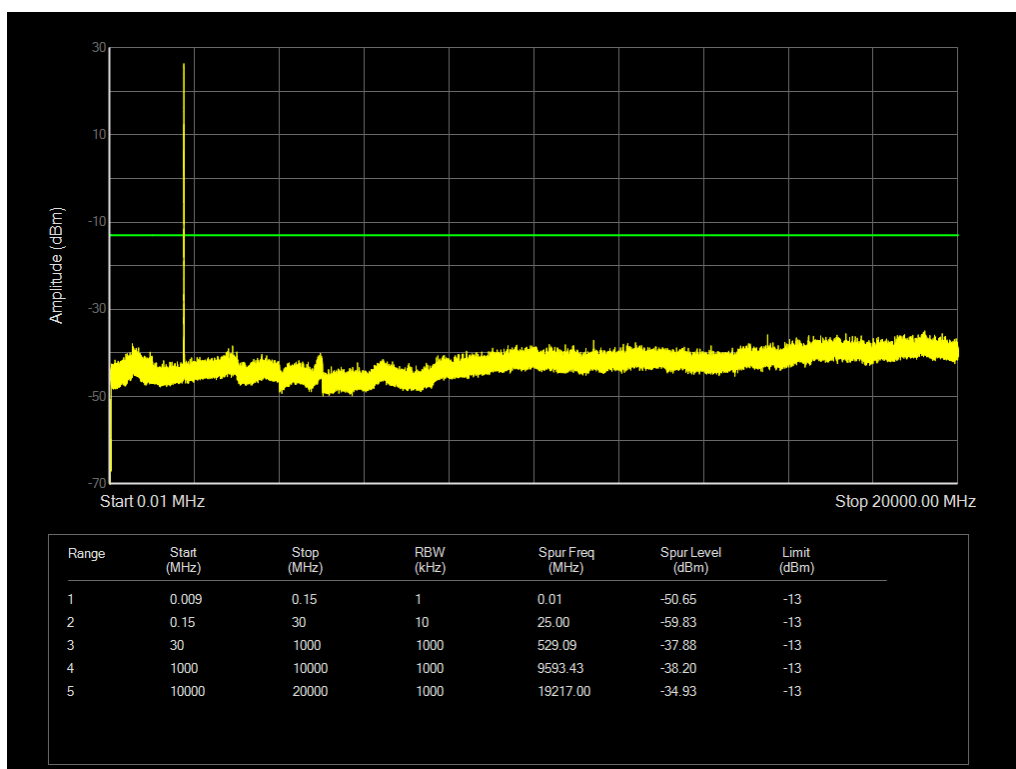
Band66 QPSK BW=20MHz Channel=132322 RB Size=1 Position=#0



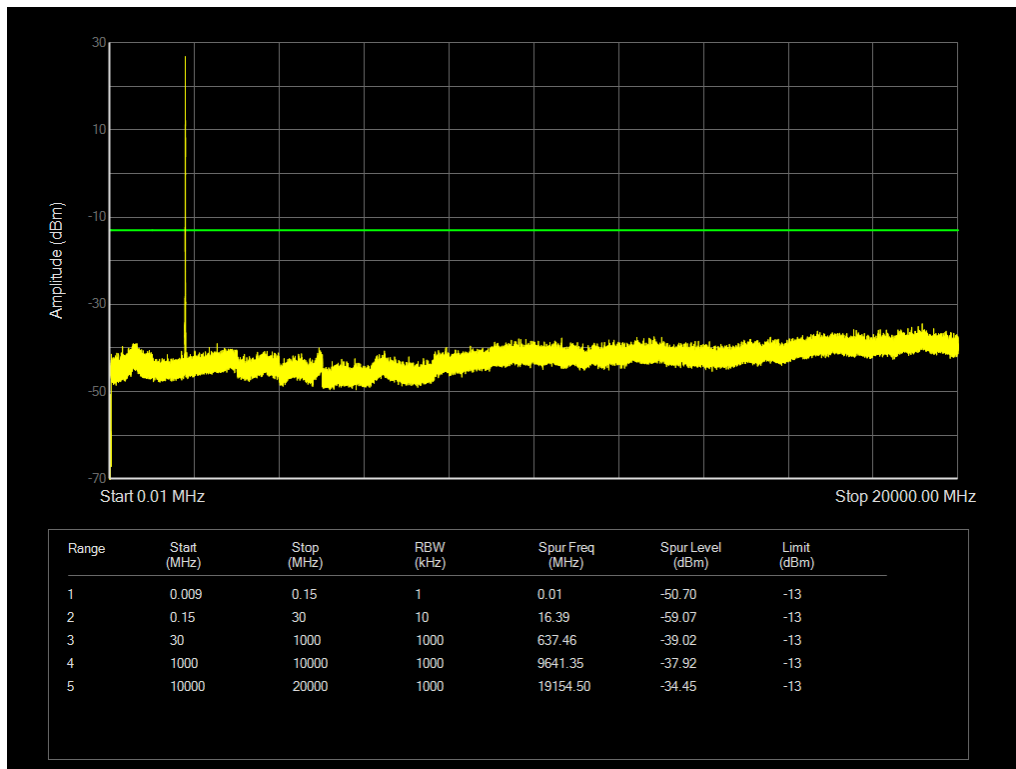
Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#0



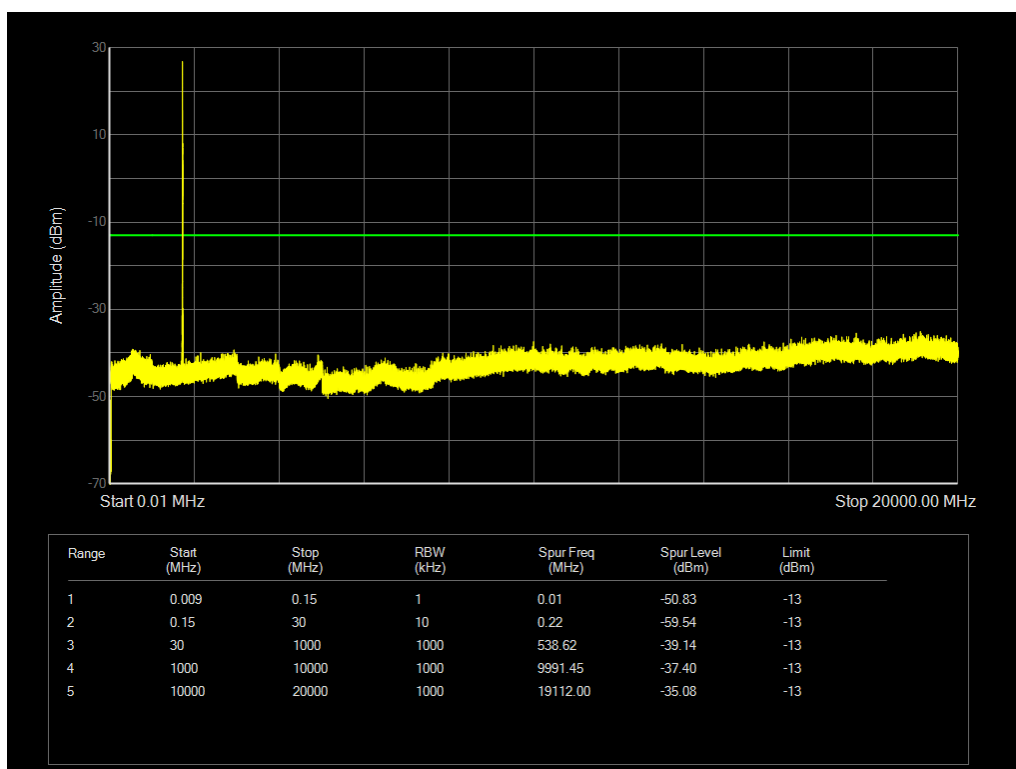
Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#0



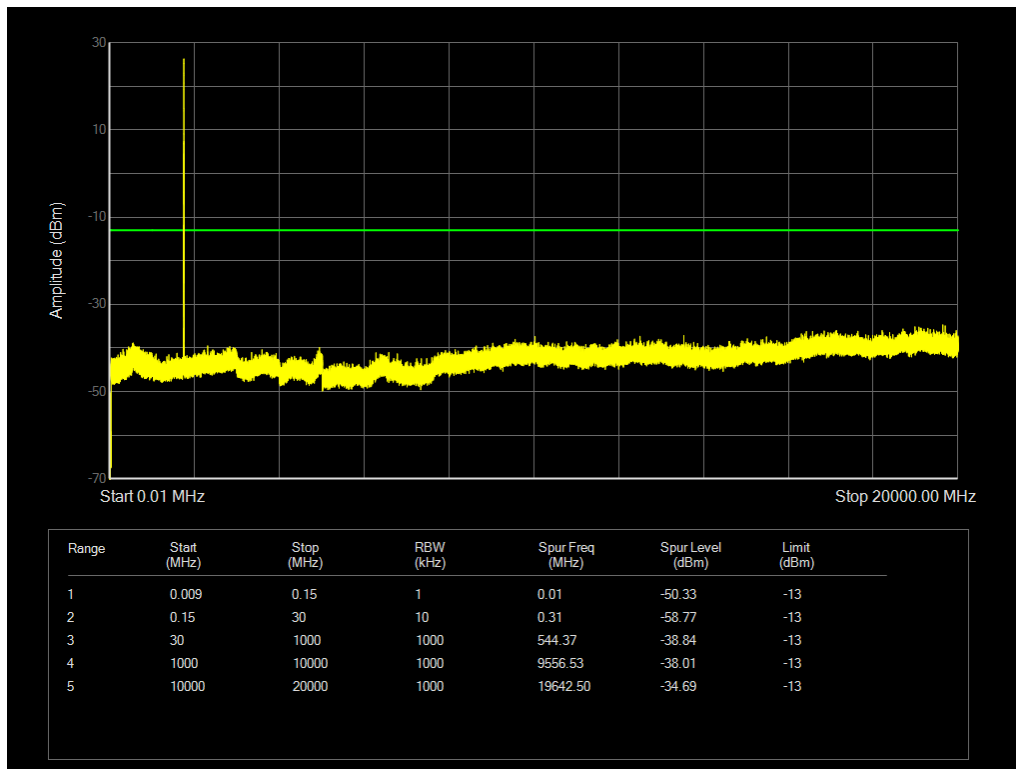
Band66 QPSK BW=3MHz Channel=132322 RB Size=1 Position=#0



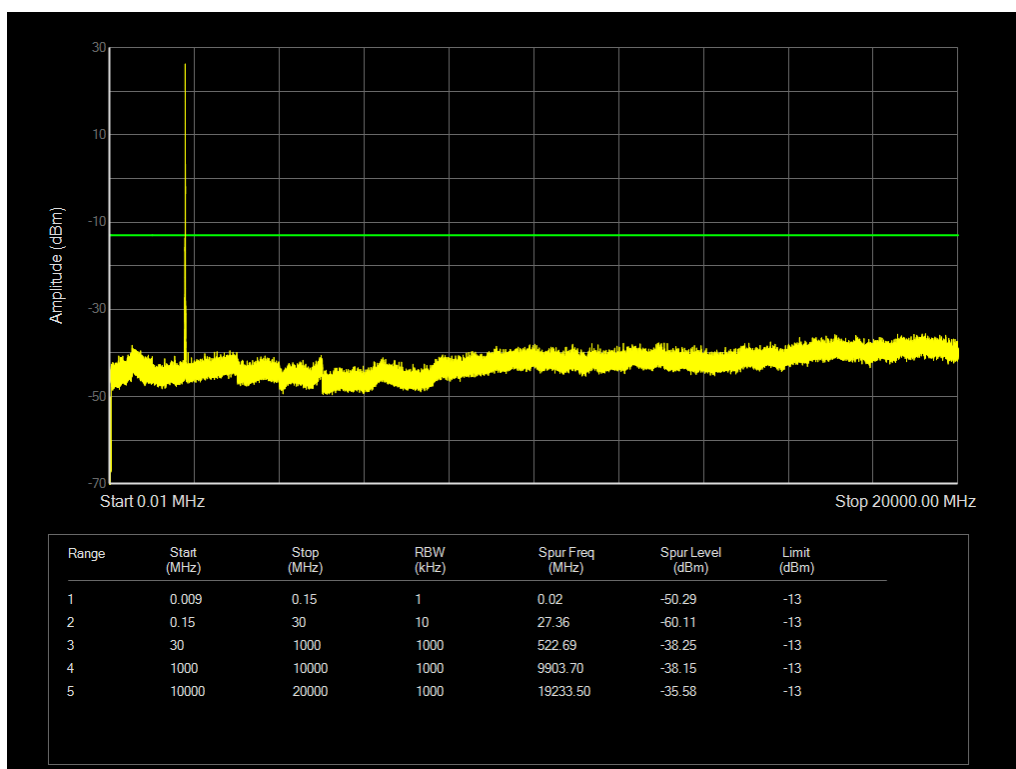
Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#0



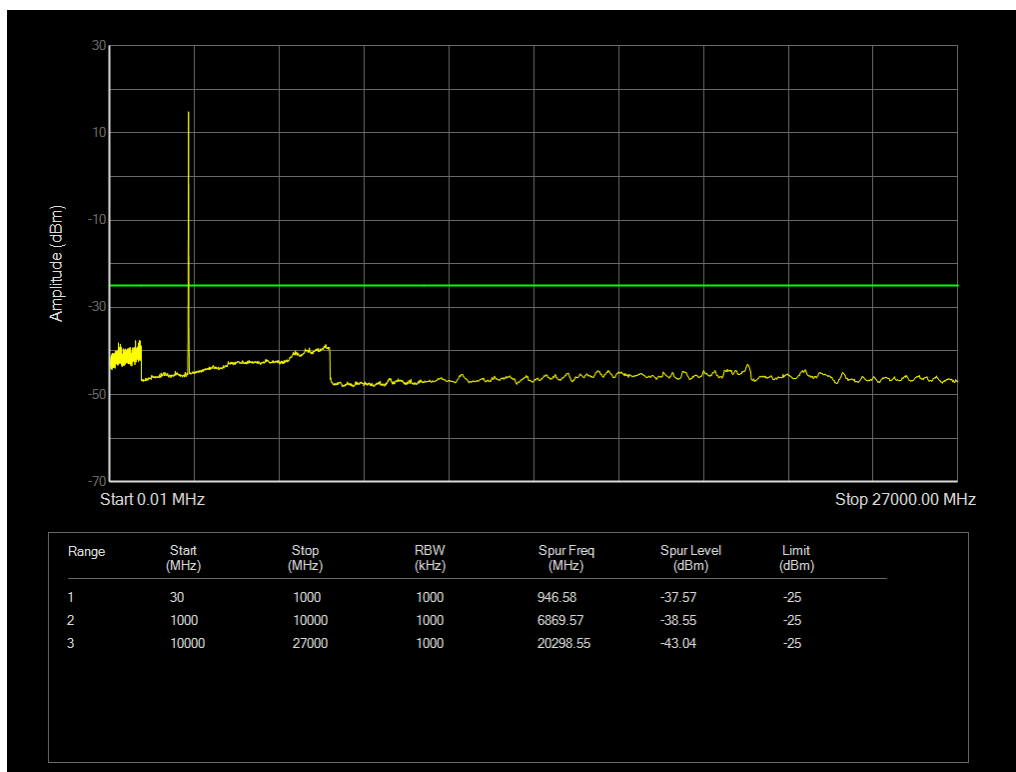
Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#0



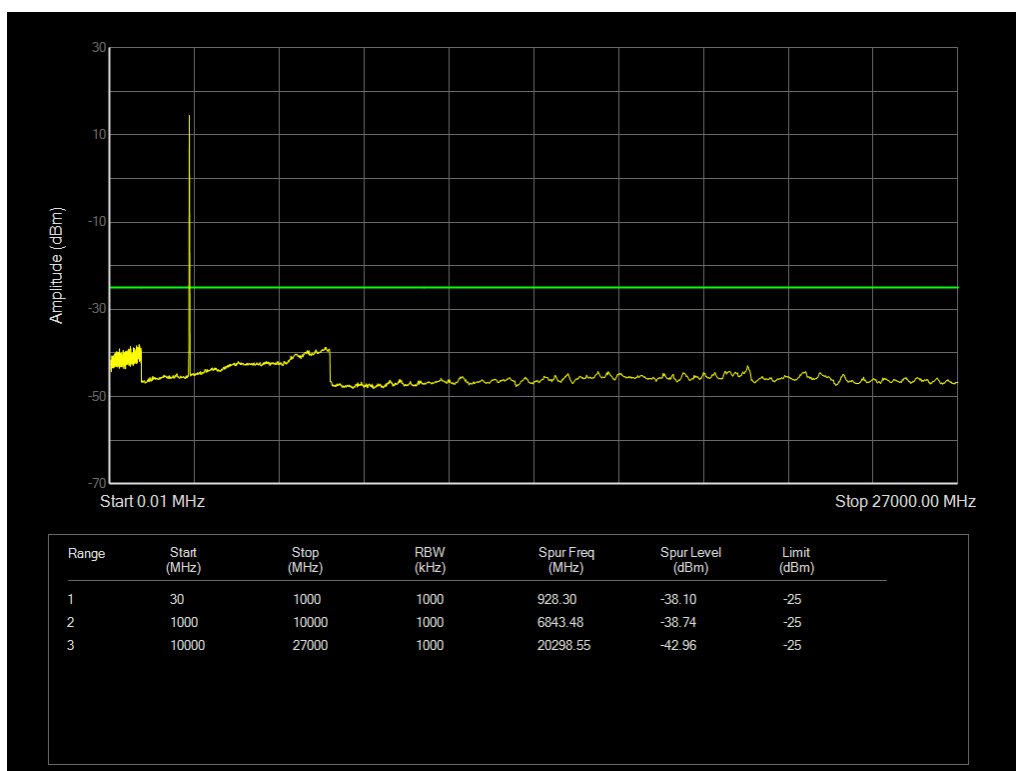
Band66 QPSK BW=5MHz Channel=132322 RB Size=1 Position=#0



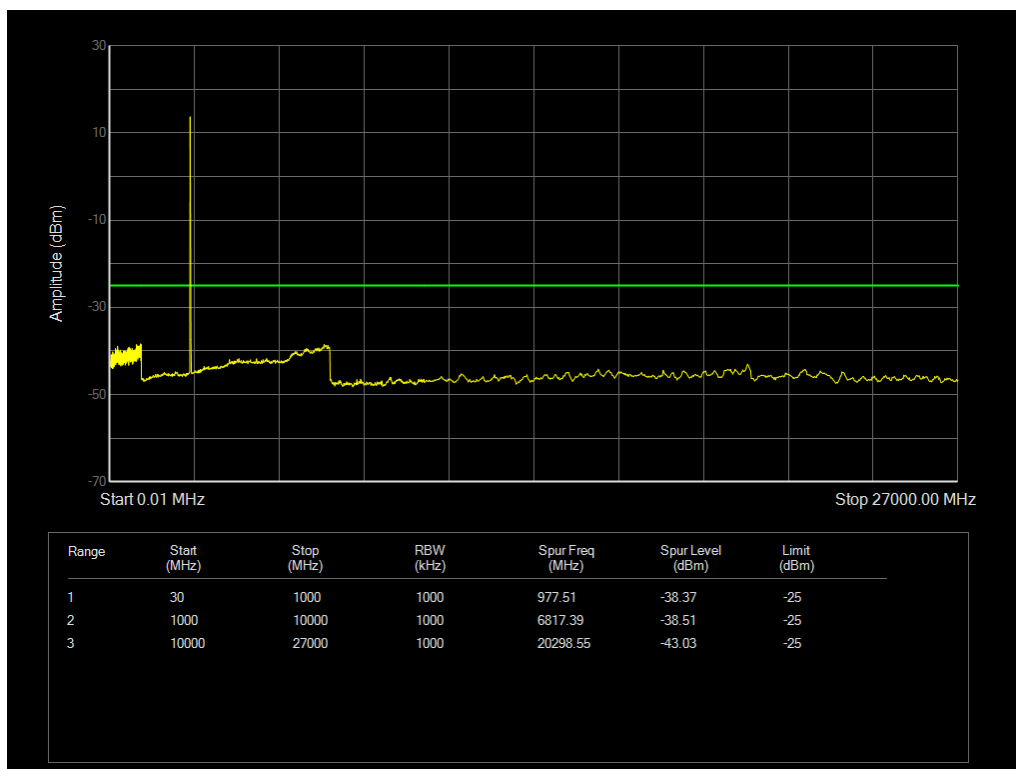
Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#0



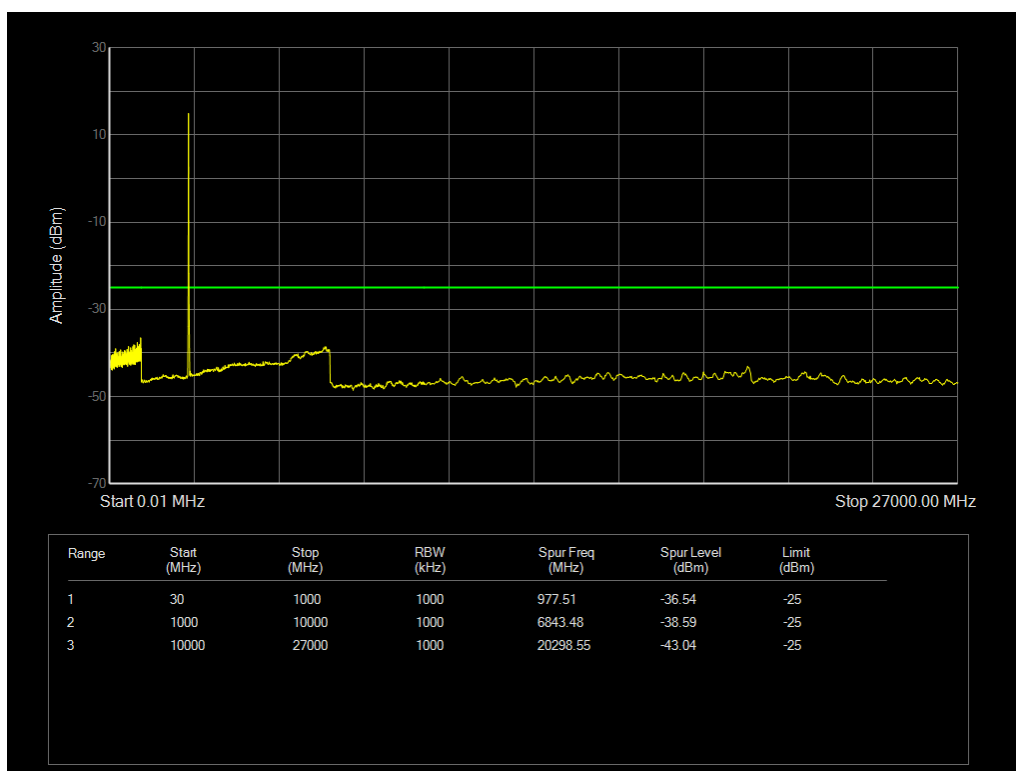
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



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

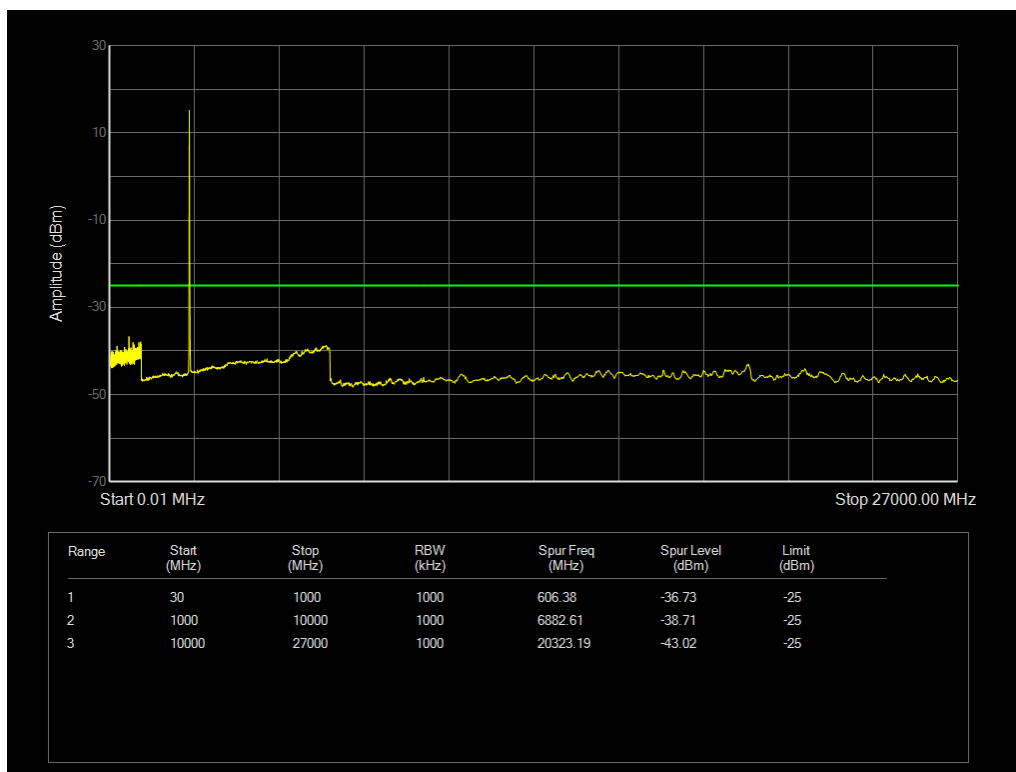


Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0

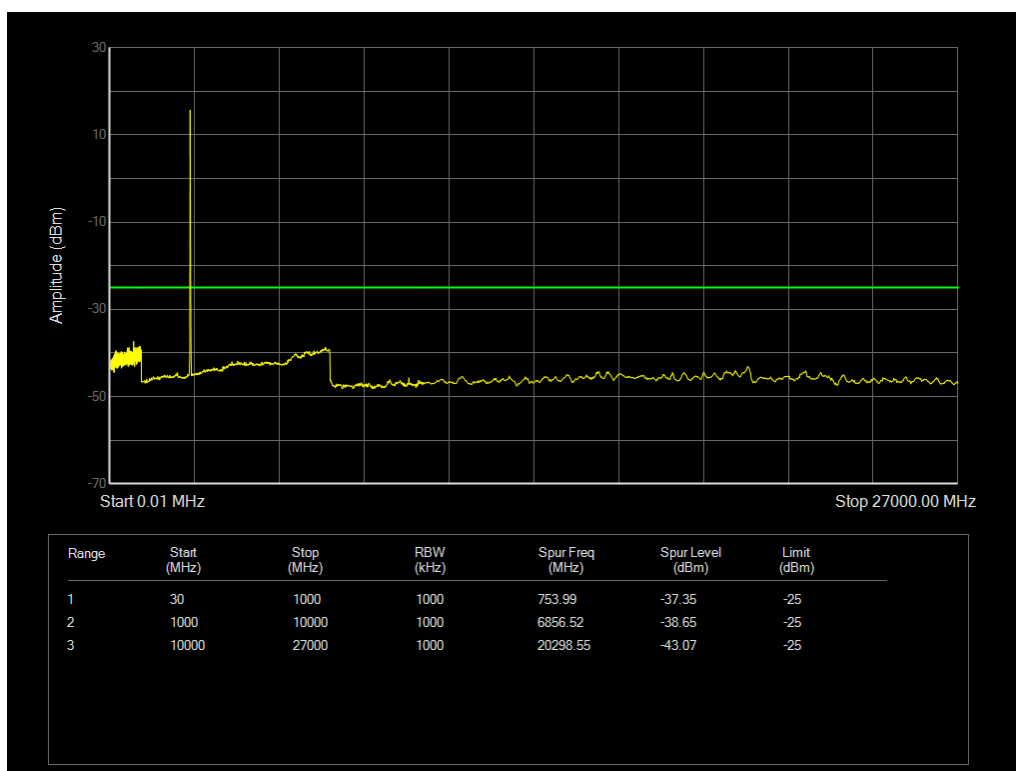


Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0

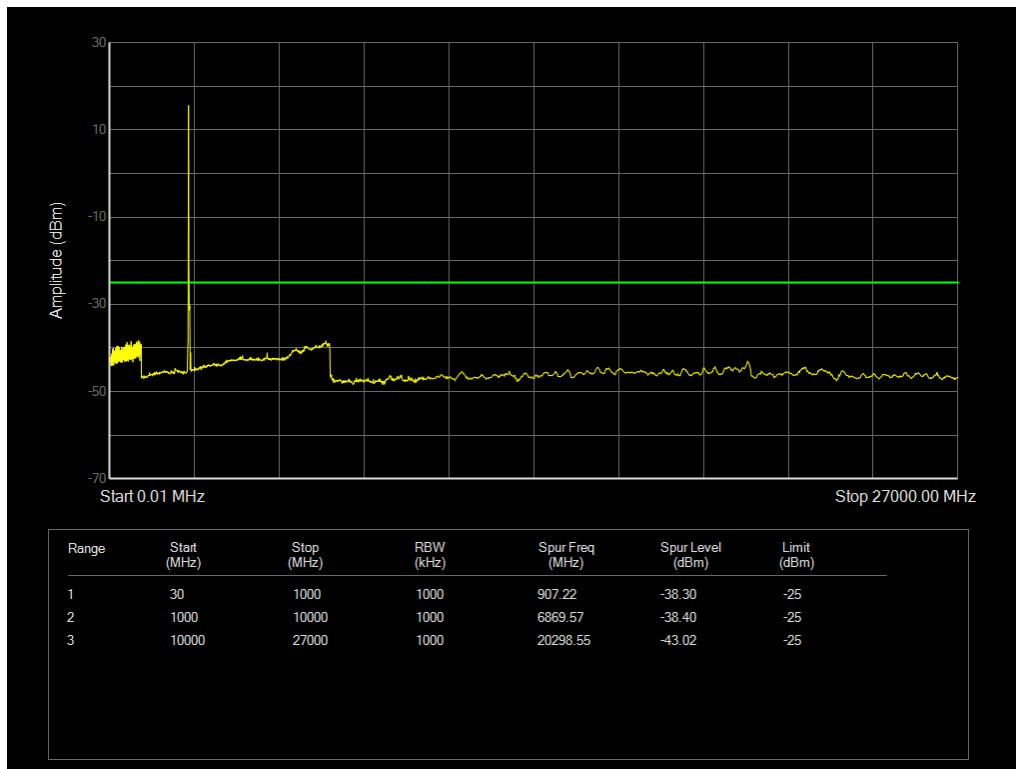




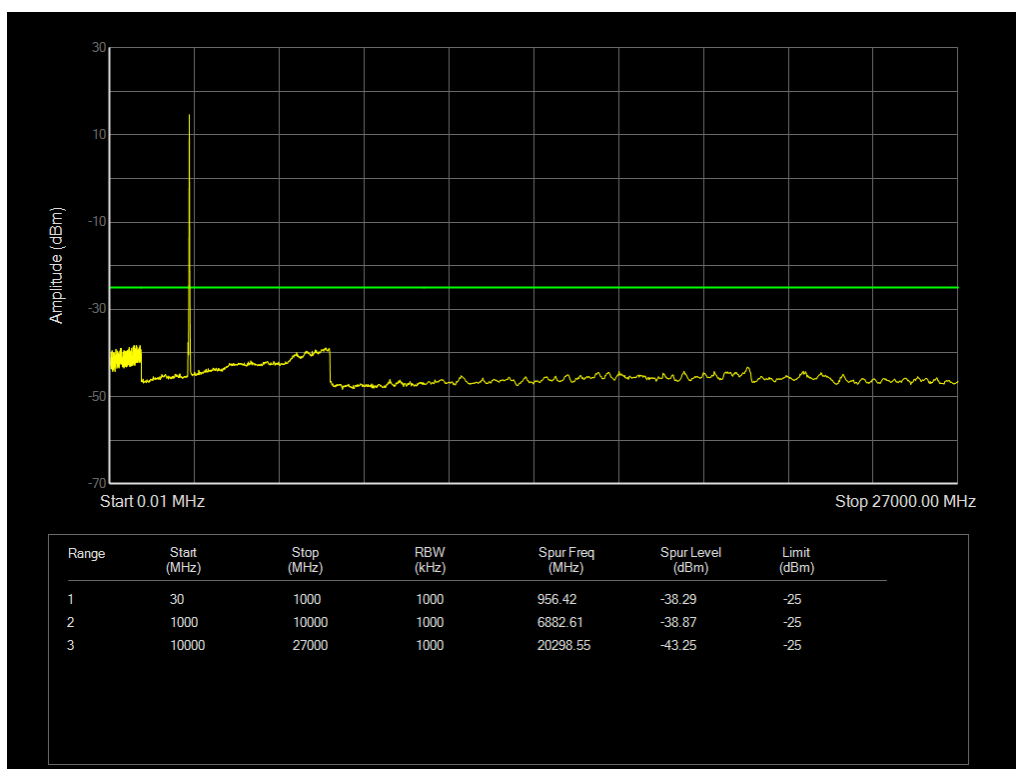
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



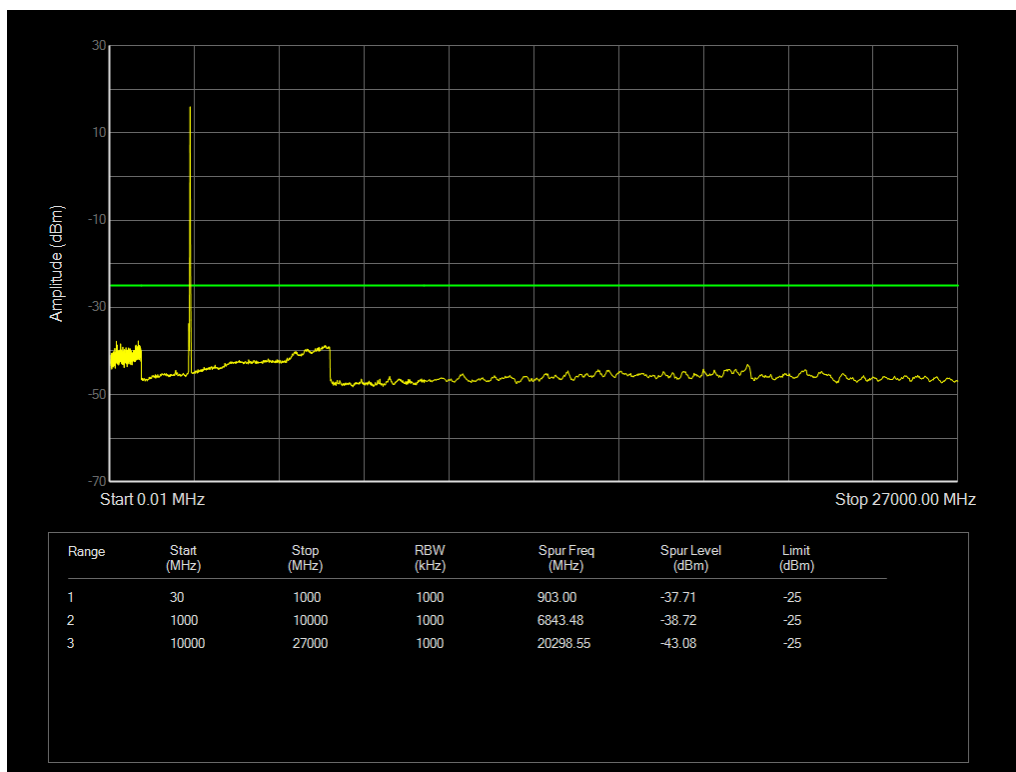
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



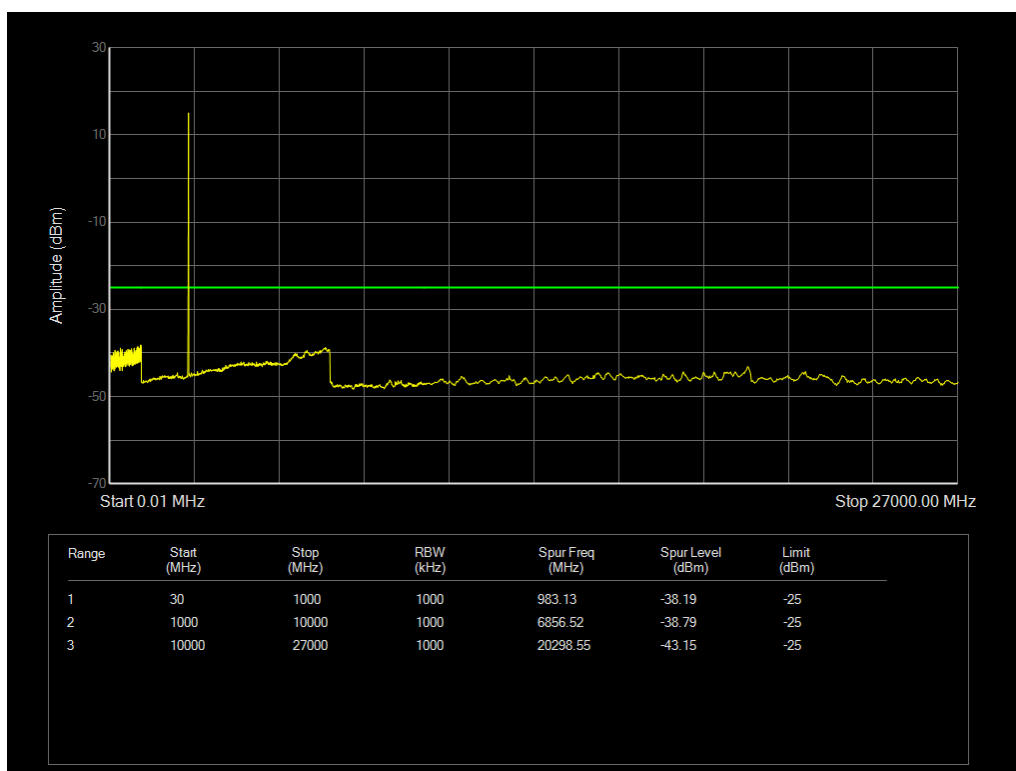
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



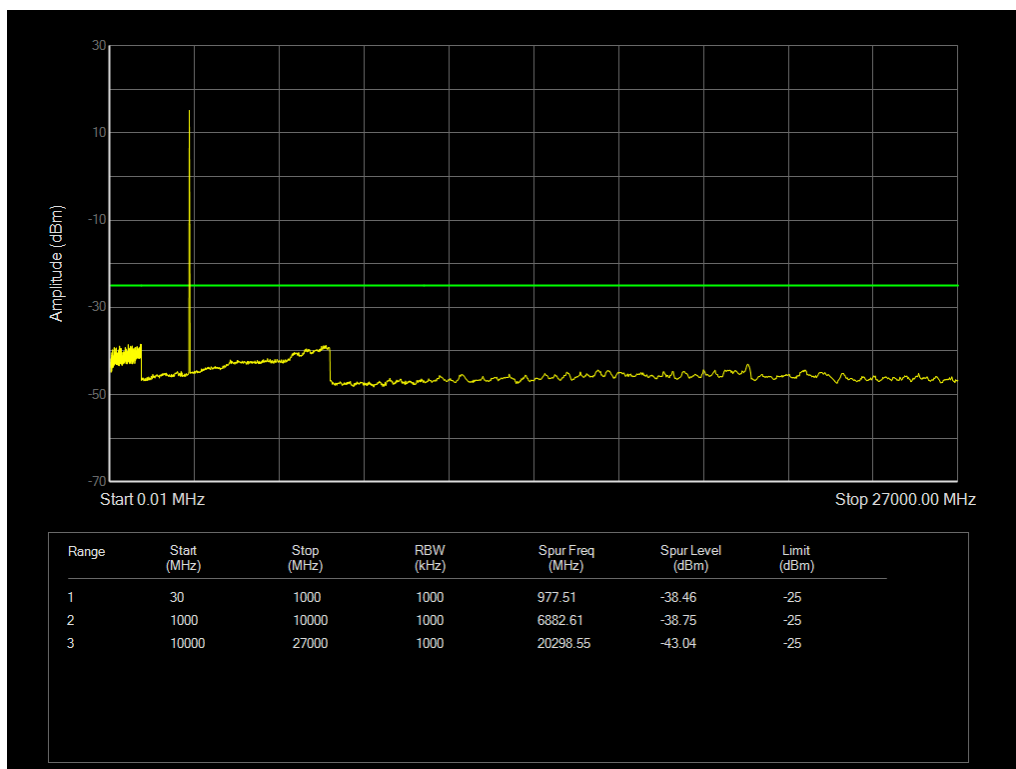
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



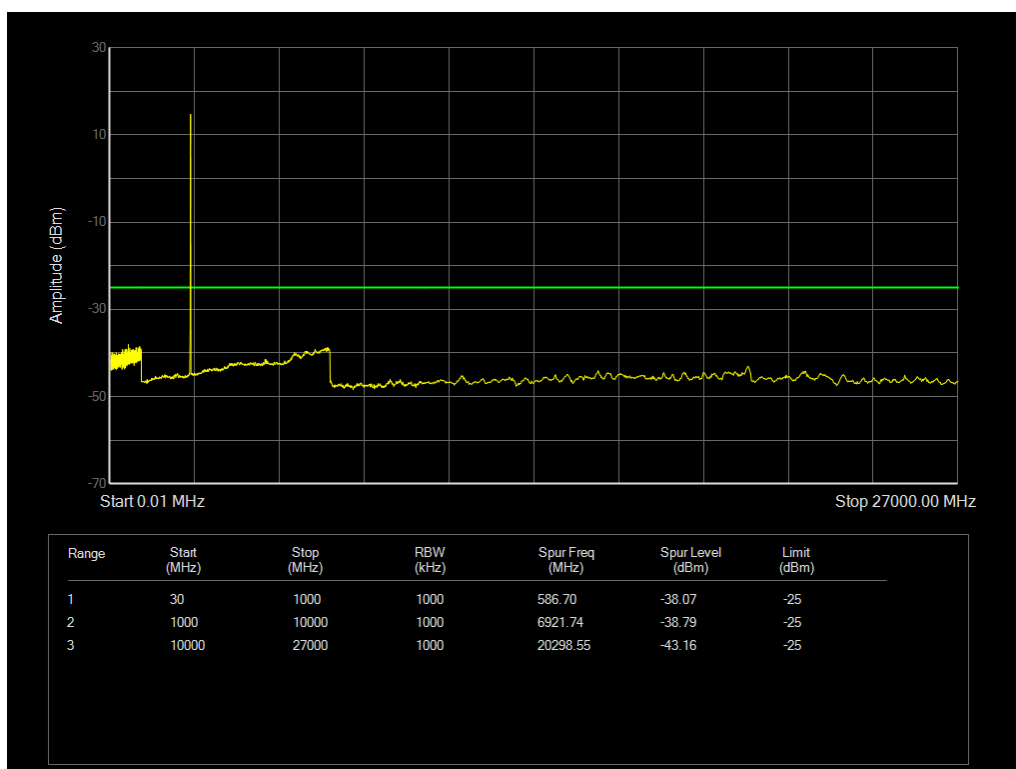
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0



Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



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



Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



## 6.7. Radiated Spurious Emission

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions below the noise floor will not be recorded in the report.

GSM 850 CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 1673.30         | -64.70   | 1.70            | 8.70       | Vertical             | -59.85             | -13.00      | 46.85       | 21            |
| 3        | 3346.40         | -65.82   | 2.30            | 12.00      | Vertical             | -58.27             | -13.00      | 45.27       | 35            |
| 4        | 4183.00         | -63.36   | 2.70            | 12.70      | Vertical             | -55.51             | -13.00      | 42.51       | 120           |
| 5        | 5019.60         | -61.27   | 3.00            | 12.50      | Vertical             | -53.92             | -13.00      | 40.92       | 65            |
| 6        | 5856.20         | -58.68   | 3.40            | 12.50      | Vertical             | -51.73             | -13.00      | 38.73       | 32            |
| 7        | 6692.80         | -57.10   | 3.40            | 12.80      | Vertical             | -49.85             | -13.00      | 36.85       | 78            |
| 8        | 7529.40         | -51.60   | 4.10            | 11.50      | Vertical             | -46.35             | -13.00      | 33.35       | 96            |
| 9        | 8366.00         | -53.65   | 4.20            | 12.20      | Vertical             | -47.80             | -13.00      | 34.80       | 32            |
| 10       | --              | --       | --              | --         | --                   | --                 | --          | --          | --            |

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

GSM 1900 CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 3760.00         | -68.06   | 2.60            | 12.50      | Vertical             | -58.16             | -13.00      | 45.16       | 152           |
| 3        | 5640.00         | -63.59   | 3.30            | 12.50      | Vertical             | -54.39             | -13.00      | 41.39       | 201           |
| 4        | 7520.00         | -55.42   | 4.20            | 12.20      | Vertical             | -47.42             | -13.00      | 34.42       | 362           |
| 5        | 9400.00         | -54.96   | 4.30            | 11.10      | Vertical             | -48.16             | -13.00      | 35.16       | 278           |
| 6        | 11280.00        | -52.05   | 5.90            | 11.90      | Vertical             | -46.05             | -13.00      | 33.05       | 21            |
| 7        | 13160.00        | -52.94   | 5.70            | 14.00      | Vertical             | -44.64             | -13.00      | 31.64       | 62            |
| 8        | 15040.00        | -52.82   | 5.80            | 13.10      | Vertical             | -45.52             | -13.00      | 32.52       | 77            |
| 9        | 16920.00        | -50.66   | 6.10            | 14.60      | Vertical             | -42.16             | -13.00      | 29.16       | 24            |
| 10       | 18800.00        | --       | --              | --         | --                   | --                 | --          | --          | --            |

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

## LTE Band 2 1.4MHz CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 3759.00         | -64.55   | 2.60            | 12.50      | Vertical             | -54.65             | -13.00      | 41.65       | 15            |
| 3        | 5638.88         | -50.82   | 3.30            | 12.50      | Vertical             | -41.62             | -13.00      | 28.62       | 65            |
| 4        | 7520.00         | -39.63   | 4.20            | 12.20      | Vertical             | -31.63             | -13.00      | 18.63       | 34            |
| 5        | 9400.00         | -39.39   | 4.30            | 11.10      | Vertical             | -32.59             | -13.00      | 19.59       | 20            |
| 6        | 11280.00        | -48.83   | 5.90            | 11.90      | Vertical             | -42.83             | -13.00      | 29.83       | 112           |
| 7        | 13160.00        | -49.89   | 5.70            | 14.00      | Vertical             | -41.59             | -13.00      | 28.59       | 136           |
| 8        | 15040.00        | -50.91   | 5.80            | 13.10      | Vertical             | -43.61             | -13.00      | 30.61       | 145           |
| 9        | 16920.00        | -50.04   | 6.10            | 14.60      | Vertical             | -41.54             | -13.00      | 28.54       | 25            |
| 10       | 18800.00        | --       | --              | --         | --                   | --                 | --          | --          | --            |

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

## LTE Band 2 5MHz CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 3755.63         | -65.26   | 2.60            | 12.50      | Vertical             | -55.36             | -13.00      | 42.36       | 31            |
| 3        | 5633.63         | -52.87   | 3.30            | 12.50      | Vertical             | -43.67             | -13.00      | 30.67       | 52            |
| 4        | 7510.00         | -41.17   | 4.20            | 12.20      | Vertical             | -33.17             | -13.00      | 20.17       | 68            |
| 5        | 9387.50         | -40.17   | 4.30            | 11.10      | Vertical             | -33.37             | -13.00      | 20.37       | 163           |
| 6        | 11265.00        | -49.47   | 5.90            | 11.90      | Vertical             | -43.47             | -13.00      | 30.47       | 30            |
| 7        | 13142.00        | -50.88   | 5.70            | 14.00      | Vertical             | -42.58             | -13.00      | 29.58       | 125           |
| 8        | 15020.00        | -51.15   | 5.80            | 13.10      | Vertical             | -43.85             | -13.00      | 30.85       | 111           |
| 9        | 16897.50        | -50.99   | 6.10            | 14.60      | Vertical             | -42.49             | -13.00      | 29.49       | 325           |
| 10       | 18800.00        | --       | --              | --         | --                   | --                 | --          | --          | --            |

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

## LTE Band 2 20MHz CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 3742.13         | -65.28   | 2.60            | 12.50      | Vertical             | -55.38             | -13.00      | 42.38       | 13            |
| 3        | 5613.38         | -55.28   | 3.30            | 12.50      | Vertical             | -46.08             | -13.00      | 33.08       | 52            |
| 4        | 7484.63         | -42.48   | 4.20            | 12.20      | Vertical             | -34.48             | -13.00      | 21.48       | 64            |
| 5        | 9355.33         | -40.49   | 4.30            | 11.10      | Vertical             | -33.69             | -13.00      | 20.69       | 87            |
| 6        | 11226.39        | -48.87   | 5.90            | 11.90      | Vertical             | -42.87             | -13.00      | 29.87       | 63            |
| 7        | 13097.46        | -50.13   | 5.70            | 14.00      | Vertical             | -41.83             | -13.00      | 28.83       | 36            |
| 8        | 14968.52        | -50.18   | 5.80            | 13.10      | Vertical             | -42.88             | -13.00      | 29.88       | 21            |
| 9        | 16938.59        | -50.60   | 6.10            | 14.60      | Vertical             | -42.10             | -13.00      | 29.10       | 54            |
| 10       | 18800.00        | --       | --              | --         | --                   | --                 | --          | --          | --            |

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

## LTE Band 4 QPSK 1.4MHz CH-Middle, RB 1

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 3464.25         | -71.68   | 2.70            | 12.70      | Vertical             | -61.68             | -13.00      | 48.68       | 135           |
| 3        | 5197.50         | -66.73   | 3.20            | 12.50      | Vertical             | -57.43             | -13.00      | 44.43       | 64            |
| 4        | 6930.00         | -63.89   | 4.20            | 11.80      | Vertical             | -56.29             | -13.00      | 43.29       | 52            |
| 5        | 8662.50         | -56.49   | 4.40            | 12.50      | Vertical             | -48.39             | -13.00      | 35.39       | 136           |
| 6        | 10395.00        | -55.93   | 4.70            | 11.30      | Vertical             | -49.33             | -13.00      | 36.33       | 32            |
| 7        | 12127.50        | -62.52   | 5.20            | 13.80      | Vertical             | -53.92             | -13.00      | 40.92       | 54            |
| 8        | 13860.00        | -55.74   | 5.70            | 11.30      | Vertical             | -50.14             | -13.00      | 37.14       | 96            |
| 9        | 15592.50        | -64.78   | 6.10            | 16.80      | Vertical             | -54.08             | -13.00      | 41.08       | 54            |
| 10       | 17325.00        | -60.65   | 6.10            | 14.20      | Vertical             | -52.55             | -13.00      | 39.55       | 33            |

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.



## LTE Band 4 QPSK 5MHz CH-Middle, RB 1

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 3460.50         | -65.15   | 2.70            | 12.70      | Vertical             | -55.15             | -13.00      | 42.15       | 10            |
| 3        | 5191.50         | -52.92   | 3.20            | 12.50      | Vertical             | -43.62             | -13.00      | 30.62       | 13            |
| 4        | 6930.00         | -53.53   | 4.20            | 11.80      | Vertical             | -45.93             | -13.00      | 32.93       | 64            |
| 5        | 8662.50         | -45.83   | 4.40            | 12.50      | Vertical             | -37.73             | -13.00      | 24.73       | 91            |
| 6        | 10380.00        | -44.31   | 4.70            | 11.30      | Vertical             | -37.71             | -13.00      | 24.71       | 136           |
| 7        | 12110.00        | -51.69   | 5.20            | 13.80      | Vertical             | -43.09             | -13.00      | 30.09       | 20            |
| 8        | 13840.00        | -45.34   | 5.70            | 11.30      | Vertical             | -39.74             | -13.00      | 26.74       | 35            |
| 9        | 15570.00        | -55.42   | 6.10            | 16.80      | Vertical             | -44.72             | -13.00      | 31.72       | 6             |
| 10       | 17300.00        | -50.12   | 6.10            | 14.20      | Vertical             | -42.02             | -13.00      | 29.02       | 120           |

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

## LTE Band 4 QPSK 20MHz CH-Middle, RB 1

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 3447.75         | -73.99   | 2.70            | 12.70      | Vertical             | -63.99             | -13.00      | 50.99       | 16            |
| 3        | 5170.88         | -66.54   | 3.20            | 12.50      | Vertical             | -57.24             | -13.00      | 44.24       | 32            |
| 4        | 6930.00         | -64.85   | 4.20            | 11.80      | Vertical             | -57.25             | -13.00      | 44.25       | 0             |
| 5        | 8662.50         | -57.34   | 4.40            | 12.50      | Vertical             | -49.24             | -13.00      | 36.24       | 52            |
| 6        | 10395.00        | -56.91   | 4.70            | 11.30      | Vertical             | -50.31             | -13.00      | 37.31       | 121           |
| 7        | 12127.50        | -63.30   | 5.20            | 13.80      | Vertical             | -54.70             | -13.00      | 41.70       | 32            |
| 8        | 13860.00        | -56.19   | 5.70            | 11.30      | Vertical             | -50.59             | -13.00      | 37.59       | 56            |
| 9        | 15592.50        | -65.93   | 6.10            | 16.80      | Vertical             | -55.23             | -13.00      | 42.23       | 16            |
| 10       | 17325.00        | -61.14   | 6.10            | 14.20      | Vertical             | -53.04             | -13.00      | 40.04       | 31            |

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

## LTE Band 5 1.4MHz CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 3346.00         | -62.41   | 1.70            | 8.70       | Vertical             | -57.56             | -13.00      | 44.56       | 56            |
| 3        | 4182.50         | -63.67   | 2.30            | 12.00      | Vertical             | -56.12             | -13.00      | 43.12       | 32            |
| 4        | 5019.00         | -61.25   | 2.70            | 12.70      | Vertical             | -53.40             | -13.00      | 40.40       | 145           |
| 5        | 5855.50         | -59.02   | 3.00            | 12.50      | Vertical             | -51.67             | -13.00      | 38.67       | 65            |
| 6        | 6692.00         | -55.22   | 3.40            | 12.50      | Vertical             | -48.27             | -13.00      | 35.27       | 34            |
| 7        | 7528.50         | -52.91   | 3.40            | 12.80      | Vertical             | -45.66             | -13.00      | 32.66       | 321           |
| 8        | 8365.00         | -52.15   | 4.10            | 11.50      | Vertical             | -46.90             | -13.00      | 33.90       | 25            |
| 9        | --              | --       | --              | --         | --                   | --                 | --          | --          | --            |
| 10       | --              | --       | --              | --         | --                   | --                 | --          | --          | --            |

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

## LTE Band 5 5MHz CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 3337.50         | -63.39   | 1.70            | 8.70       | Vertical             | -58.54             | -13.00      | 45.54       | 133           |
| 3        | 4171.88         | -63.38   | 2.30            | 12.00      | Vertical             | -55.83             | -13.00      | 42.83       | 102           |
| 4        | 5006.25         | -60.92   | 2.70            | 12.70      | Vertical             | -53.07             | -13.00      | 40.07       | 35            |
| 5        | 5840.63         | -59.20   | 3.00            | 12.50      | Vertical             | -51.85             | -13.00      | 38.85       | 96            |
| 6        | 6675.00         | -55.92   | 3.40            | 12.50      | Vertical             | -48.97             | -13.00      | 35.97       | 145           |
| 7        | 7509.38         | -52.78   | 3.40            | 12.80      | Vertical             | -45.53             | -13.00      | 32.53       | 52            |
| 8        | 8343.75         | -52.83   | 4.10            | 11.50      | Vertical             | -47.58             | -13.00      | 34.58       | 31            |
| 9        | --              | --       | --              | --         | --                   | --                 | --          | --          | --            |
| 10       | --              | --       | --              | --         | --                   | --                 | --          | --          | --            |

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

## LTE Band 5 10MHz CH-Middle

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 3326.00         | -62.99   | 1.70            | 8.70       | Vertical             | -58.14             | -13.00      | 45.14       | 135           |
| 3        | 4157.50         | -62.73   | 2.30            | 12.00      | Vertical             | -55.18             | -13.00      | 42.18       | 64            |
| 4        | 4989.00         | -62.37   | 2.70            | 12.70      | Vertical             | -54.52             | -13.00      | 41.52       | 30            |
| 5        | 5820.50         | -60.12   | 3.00            | 12.50      | Vertical             | -52.77             | -13.00      | 39.77       | 25            |
| 6        | 6652.00         | -56.36   | 3.40            | 12.50      | Vertical             | -49.41             | -13.00      | 36.41       | 13            |
| 7        | 7483.50         | -52.77   | 3.40            | 12.80      | Vertical             | -45.52             | -13.00      | 32.52       | 64            |
| 8        | 8315.00         | -53.11   | 4.10            | 11.50      | Vertical             | -47.86             | -13.00      | 34.86       | 78            |
| 9        | --              | --       | --              | --         | --                   | --                 | --          | --          | --            |
| 10       | --              | --       | --              | --         | --                   | --                 | --          | --          | --            |

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

## LTE Band 7 QPSK 5MHz CH-Middle, RB 1

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 5065.80         | -57.02   | 3.40            | 12.50      | Vertical             | -47.92             | -25.00      | 22.92       | 120           |
| 3        | 7598.60         | -41.55   | 4.40            | 12.20      | Vertical             | -33.75             | -25.00      | 8.75        | 32            |
| 4        | 10130.63        | -43.94   | 4.70            | 11.30      | Vertical             | -37.34             | -25.00      | 12.34       | 1             |
| 5        | 12675.00        | -50.10   | 5.40            | 13.20      | Vertical             | -42.30             | -25.00      | 17.30       | 156           |
| 6        | 15210.00        | -50.96   | 6.10            | 13.10      | Vertical             | -43.96             | -25.00      | 18.96       | 320           |
| 7        | 17745.00        | -50.26   | 6.10            | 14.20      | Vertical             | -42.16             | -25.00      | 17.16       | 24            |
| 8        | 20280.00        | --       | --              | --         | --                   | --                 | --          | --          | --            |
| 9        | 22815.00        | --       | --              | --         | --                   | --                 | --          | --          | --            |
| 10       | 25350.00        | --       | --              | --         | --                   | --                 | --          | --          | --            |

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

## LTE Band 7 QPSK 20MHz CH-Middle, RB 1

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 5052.20         | -57.92   | 3.40            | 12.50      | Vertical             | -48.82             | -25.00      | 23.82       | 120           |
| 3        | 7578.30         | -37.92   | 4.40            | 12.20      | Vertical             | -30.12             | -25.00      | 5.12        | 32            |
| 4        | 10104.40        | -43.71   | 4.70            | 11.30      | Vertical             | -37.11             | -25.00      | 12.11       | 1             |
| 5        | 12630.50        | -52.99   | 5.40            | 13.20      | Vertical             | -45.19             | -25.00      | 20.19       | 156           |
| 6        | 15156.60        | -51.07   | 6.10            | 13.10      | Vertical             | -44.07             | -25.00      | 19.07       | 320           |
| 7        | 17745.00        | -51.14   | 6.10            | 14.20      | Vertical             | -43.04             | -25.00      | 18.04       | 24            |
| 8        | 20208.80        | --       | --              | --         | --                   | --                 | --          | --          | --            |
| 9        | 22734.90        | --       | --              | --         | --                   | --                 | --          | --          | --            |
| 10       | 25261.00        | --       | --              | --         | --                   | --                 | --          | --          | --            |

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

## LTE Band 66 QPSK 1.4MHz CH-Middle, RB 1

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 3488.60         | -70.01   | 2.70            | 12.70      | Vertical             | -60.01             | -13.00      | 47.01       | 12            |
| 3        | 5232.90         | -65.76   | 3.20            | 12.50      | Vertical             | -56.46             | -13.00      | 43.46       | 35            |
| 4        | 6977.20         | -63.14   | 4.20            | 11.80      | Vertical             | -55.54             | -13.00      | 42.54       | 61            |
| 5        | 8721.50         | -56.12   | 4.40            | 12.50      | Vertical             | -48.02             | -13.00      | 35.02       | 45            |
| 6        | 10465.80        | -58.42   | 4.70            | 11.80      | Vertical             | -51.32             | -13.00      | 38.32       | 28            |
| 7        | 12210.10        | -60.59   | 5.20            | 13.80      | Vertical             | -51.99             | -13.00      | 38.99       | 30            |
| 8        | 13954.40        | -58.60   | 5.70            | 13.20      | Vertical             | -51.10             | -13.00      | 38.10       | 120           |
| 9        | 15698.70        | -65.37   | 6.10            | 16.80      | Vertical             | -54.67             | -13.00      | 41.67       | 364           |
| 10       | 17443.00        | -61.58   | 6.10            | 14.20      | Vertical             | -53.48             | -13.00      | 40.48       | 32            |

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

## LTE Band 66 QPSK 5MHz CH-Middle, RB 1

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 3486.00         | -70.66   | 2.70            | 12.70      | Vertical             | -60.66             | -13.00      | 47.66       | 12            |
| 3        | 5229.00         | -66.81   | 3.20            | 12.50      | Vertical             | -57.51             | -13.00      | 44.51       | 36            |
| 4        | 6972.00         | -55.63   | 4.20            | 11.80      | Vertical             | -48.03             | -13.00      | 35.03       | 52            |
| 5        | 8715.00         | -56.13   | 4.40            | 12.50      | Vertical             | -48.03             | -13.00      | 35.03       | 17            |
| 6        | 10458.00        | -55.96   | 4.70            | 11.80      | Vertical             | -48.86             | -13.00      | 35.86       | 10            |
| 7        | 12201.00        | -62.21   | 5.20            | 13.80      | Vertical             | -53.61             | -13.00      | 40.61       | 35            |
| 8        | 13944.00        | -58.68   | 5.70            | 13.20      | Vertical             | -51.18             | -13.00      | 38.18       | 69            |
| 9        | 15687.00        | -65.25   | 6.10            | 16.80      | Vertical             | -54.55             | -13.00      | 41.55       | 64            |
| 10       | 17430.00        | -61.86   | 6.10            | 14.20      | Vertical             | -53.76             | -13.00      | 40.76       | 20            |

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

## LTE Band 66 QPSK 20MHz CH-Middle, RB 1

| Harmonic | Frequency (MHz) | SG (dBm) | Cable Loss (dB) | Gain (dBi) | Antenna Polarization | Result Level (dBm) | Limit (dBm) | Margin (dB) | Azimuth (deg) |
|----------|-----------------|----------|-----------------|------------|----------------------|--------------------|-------------|-------------|---------------|
| 2        | 3472.88         | -71.39   | 2.70            | 12.70      | Vertical             | -61.39             | -13.00      | 48.39       | 201           |
| 3        | 5209.00         | -63.08   | 3.20            | 12.50      | Vertical             | -53.78             | -13.00      | 40.78       | 32            |
| 4        | 6945.75         | -63.13   | 4.20            | 11.80      | Vertical             | -55.53             | -13.00      | 42.53       | 255           |
| 5        | 8682.00         | -55.80   | 4.40            | 12.50      | Vertical             | -47.70             | -13.00      | 34.70       | 213           |
| 6        | 10418.63        | -56.47   | 4.70            | 11.80      | Vertical             | -49.37             | -13.00      | 36.37       | 36            |
| 7        | 12455.00        | -62.74   | 5.20            | 13.80      | Vertical             | -54.14             | -13.00      | 41.14       | 69            |
| 8        | 13891.50        | -58.25   | 5.70            | 13.20      | Vertical             | -50.75             | -13.00      | 37.75       | 54            |
| 9        | 15627.00        | -65.30   | 6.10            | 16.80      | Vertical             | -54.60             | -13.00      | 41.60       | 30            |
| 10       | 17364.38        | -61.62   | 6.10            | 14.20      | Vertical             | -53.52             | -13.00      | 40.52       | 1             |

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

## 7. Main Test Instruments

| Name                          | Manufacturer | Type       | Serial Number  | Calibration Date | Expiration Date |
|-------------------------------|--------------|------------|----------------|------------------|-----------------|
| Wireless Communication Tester | Anritsu      | MT8821C    | 6201538758     | 2024-05-08       | 2025-05-07      |
| Climate Chamber               | WEISS        | VT 4002    | 58226119450010 | 2024-05-07       | 2025-05-06      |
| Spectrum Analyzer             | Keysight     | N9020A     | MY50510203     | 2024-05-07       | 2025-05-06      |
| DC Power Supply               | UNI-T        | UTP1310+   | C220795889     | 2024-05-08       | 2025-05-07      |
| Spectrum Analyzer             | R&S          | FSV3030    | 101411         | 2023-12-05       | 2025-12-40      |
| Attenuator                    | HASCO        | HA18A-10   | 0003           | /                | /               |
| Spectrum Analyzer             | R&S          | FSV40      | 101186         | 2024-05-07       | 2025-05-06      |
| Loop Antenna                  | SCHWARZBECK  | FMZB1519   | 1519-047       | 2023-04-16       | 2026-04-15      |
| TRILOG Broadband Antenna      | SCHWARZBECK  | VULB 9163  | 391            | 2022-09-29       | 2025-09-28      |
| TRILOG Broadband Antenna      | SCHWARZBECK  | VULB 9163  | 1439           | 2024-07-06       | 2027-07-05      |
| Horn Antenna                  | SCHWARZBECK  | BBHA 9120D | 1594           | 2023-12-05       | 2026-12-04      |
| Horn Antenna                  | SCHWARZBECK  | BBHA 9120D | 01799          | 2022-09-01       | 2025-08-31      |
| Horn Antenna                  | ETS-Lindgren | 3160-09    | 00102643       | 2024-9-24        | 2027-9-23       |
| Software                      | R&S          | EMC32      | 10.35.10       | /                | /               |

## ANNEX A: The EUT Appearance

The EUT Appearance is submitted separately.

## ANNEX B: Test Setup Photos

The Test Setup Photos is submitted separately.

\*\*\*\*\* END OF REPORT \*\*\*\*\*