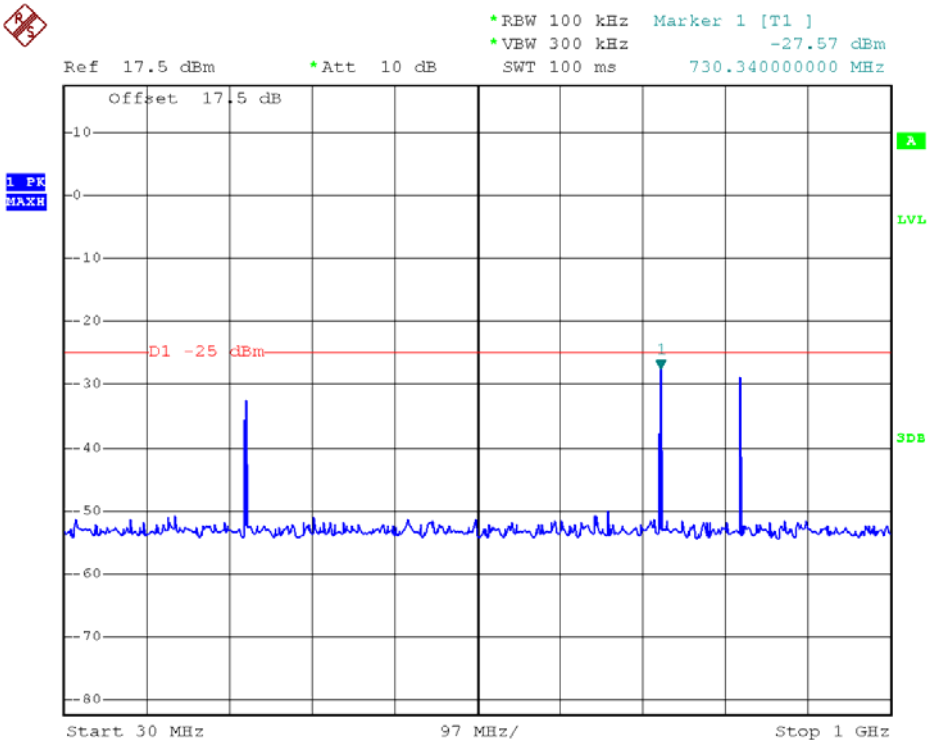
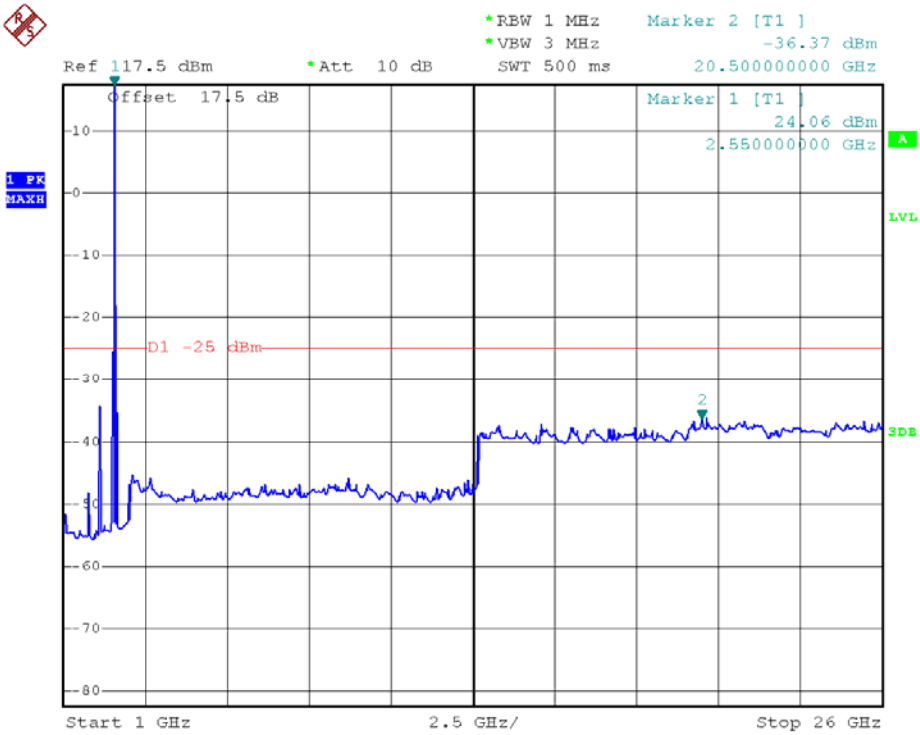
| Band | LTE Band 7 | Channel | High |
|---|---|---|---|
| Bandwidth | 10MHz | Modulation | QPSK |

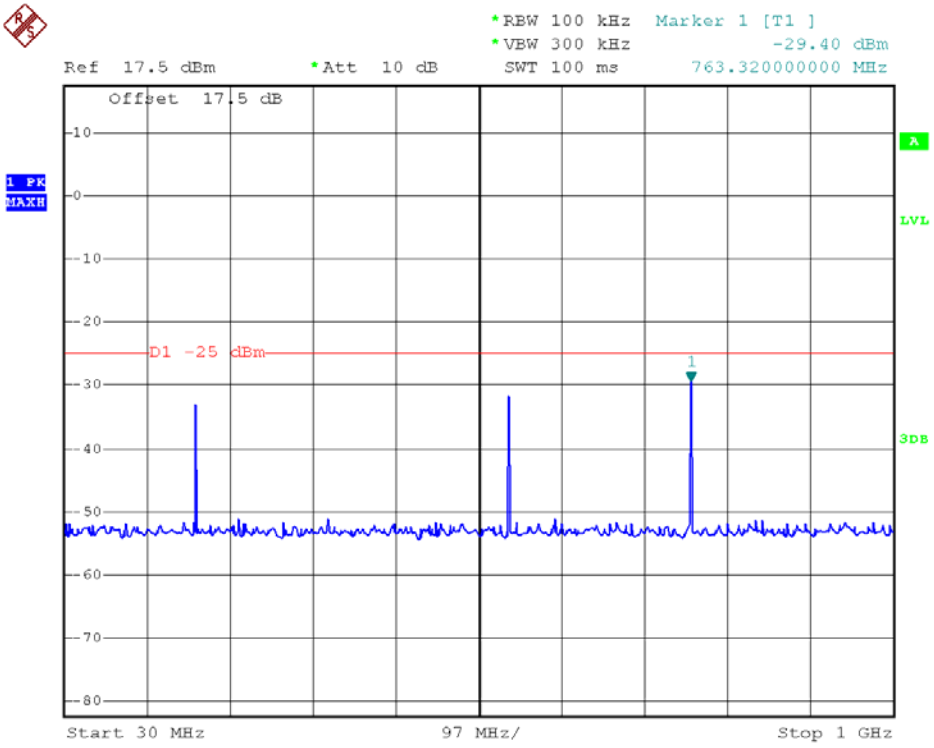



RB Size 1, RB Offset 0 30MHz to 1GHz

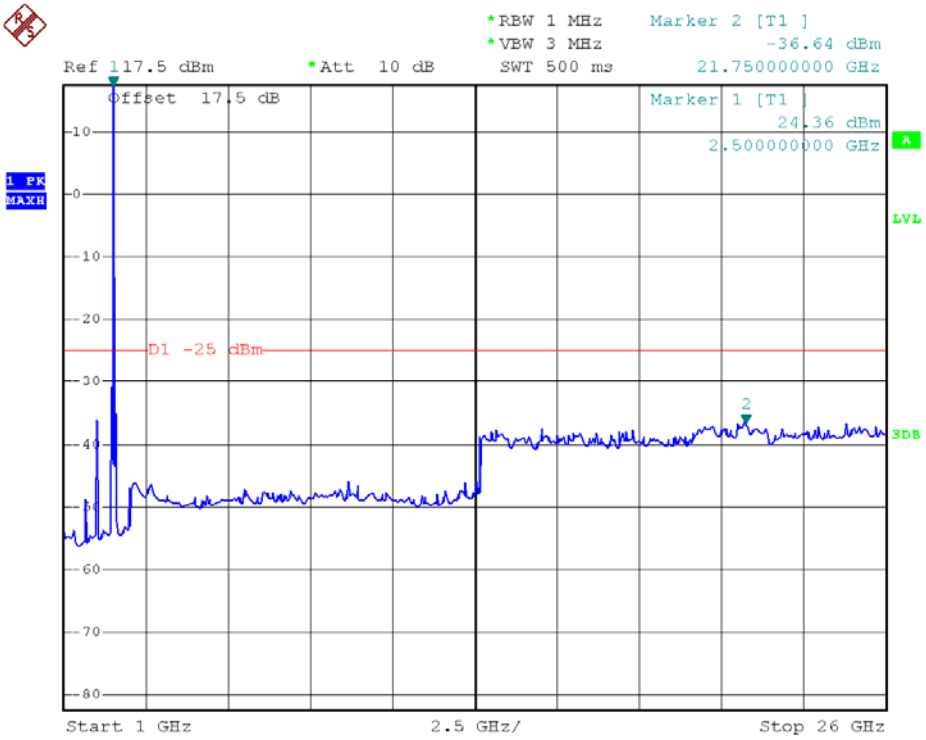



RB Size 1, RB Offset 0 1GHz to 26GHz

| Band | LTE Band 7 | Channel | Low |
|---|---|---|---|
| Bandwidth | 15MHz | Modulation | QPSK |

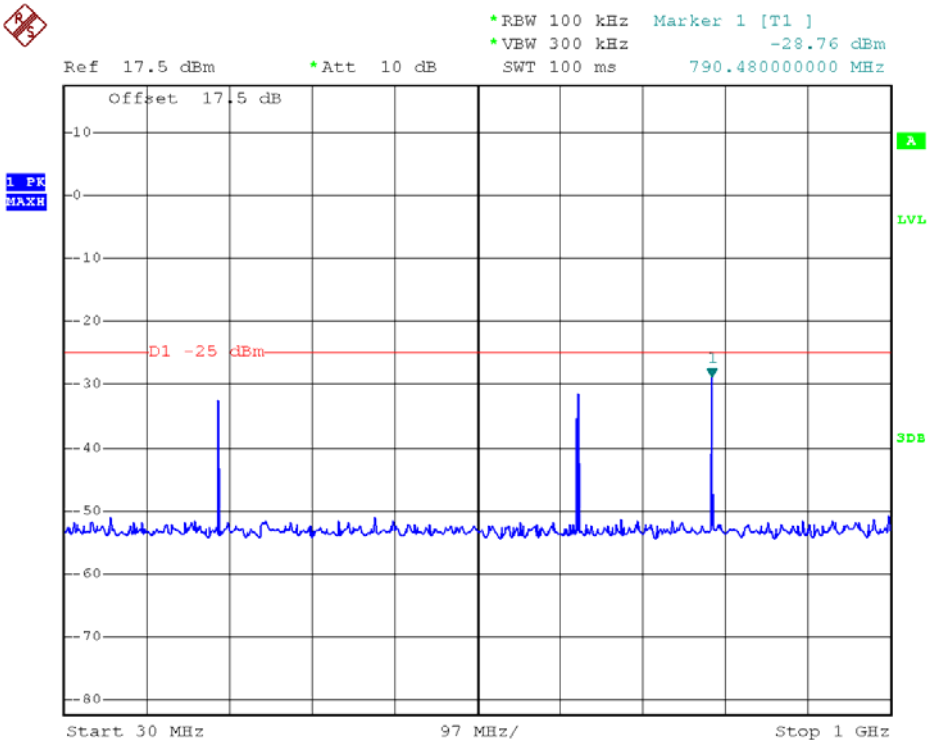



RB Size 1, RB Offset 0 30MHz to 1GHz

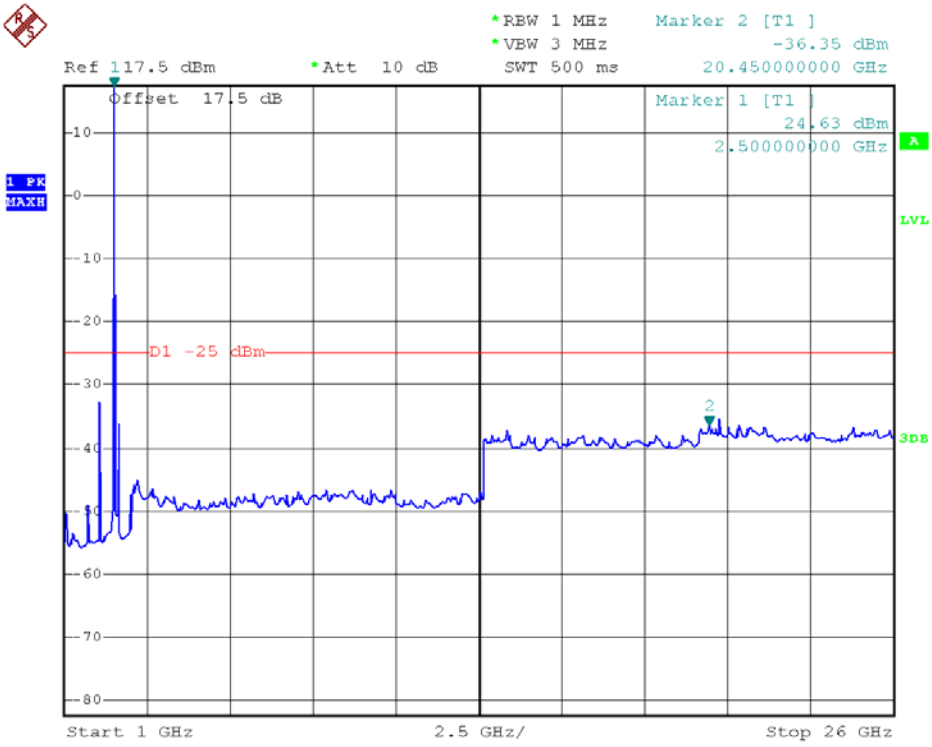



RB Size 1, RB Offset 0 1GHz to 26GHz

| Band | LTE Band 7 | Channel: | Middle |
|---|---|---|---|
| Bandwidth | 15MHz | Modulation | QPSK |

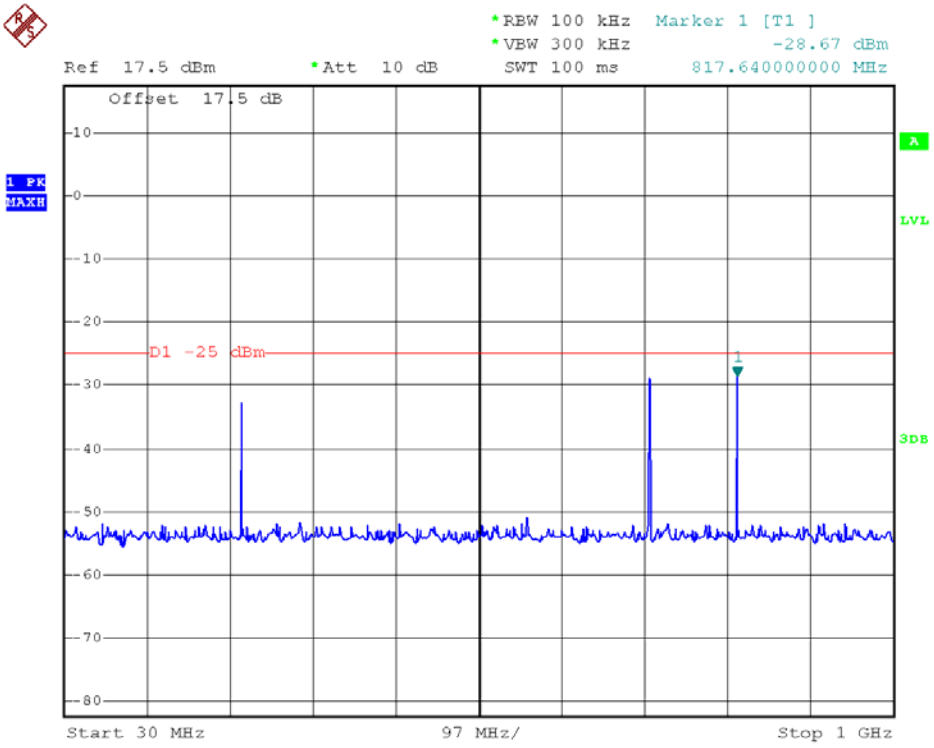



RB Size 1, RB Offset 0 30MHz to 1GHz

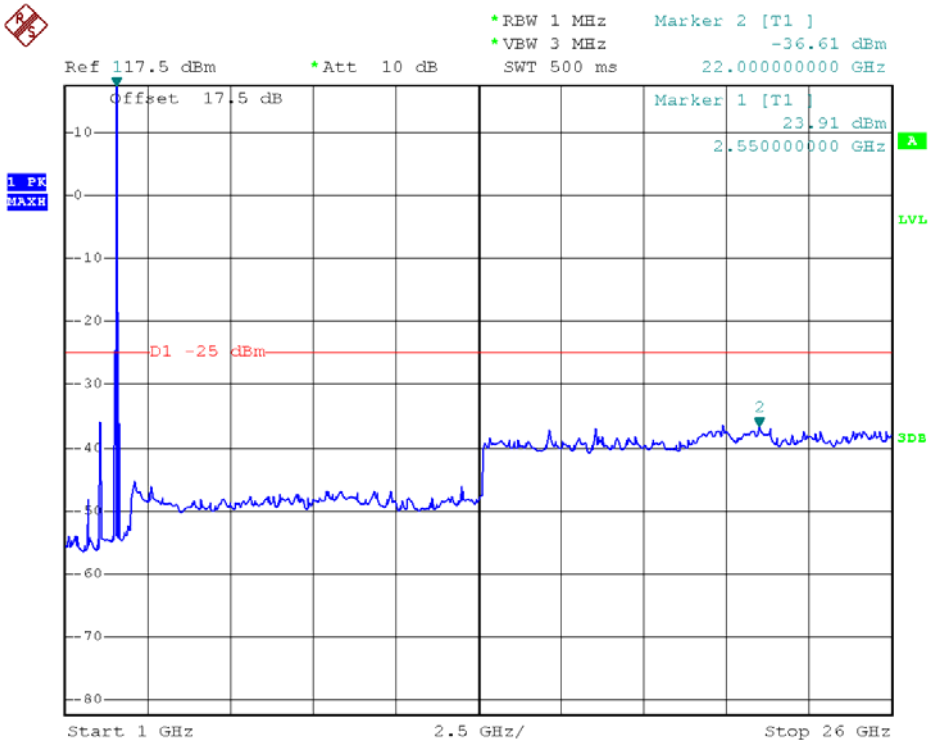



RB Size 1, RB Offset 0 1GHz to 26GHz

| Band | LTE Band 7 | Channel: | High |
|---|---|---|---|
| Bandwidth | 15MHz | Modulation | QPSK |

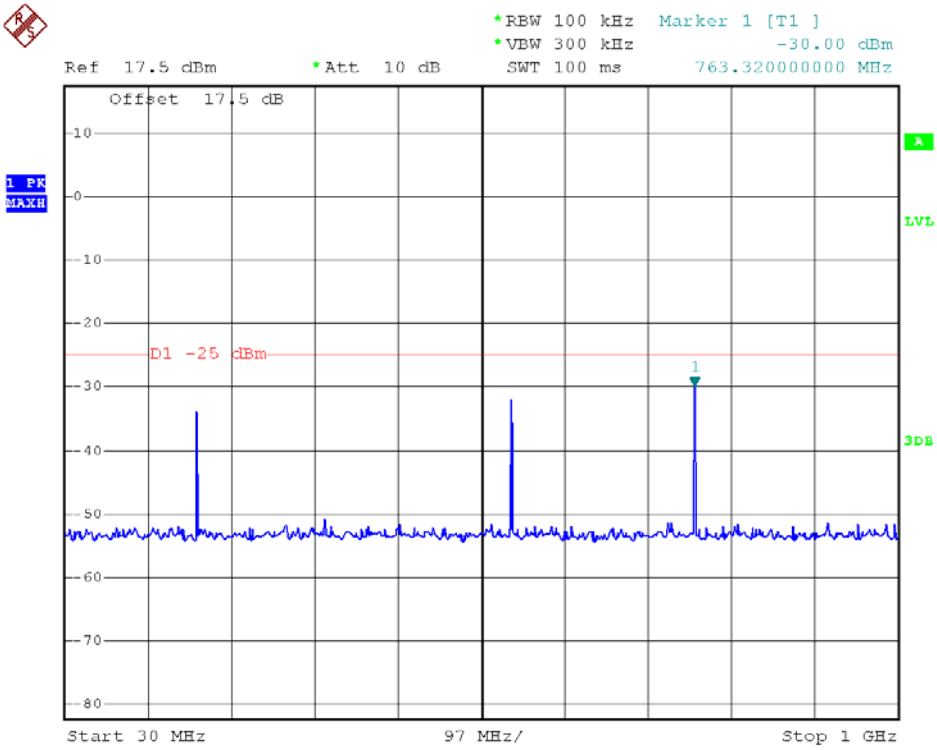



RB Size 1, RB Offset 0 30MHz to 1GHz

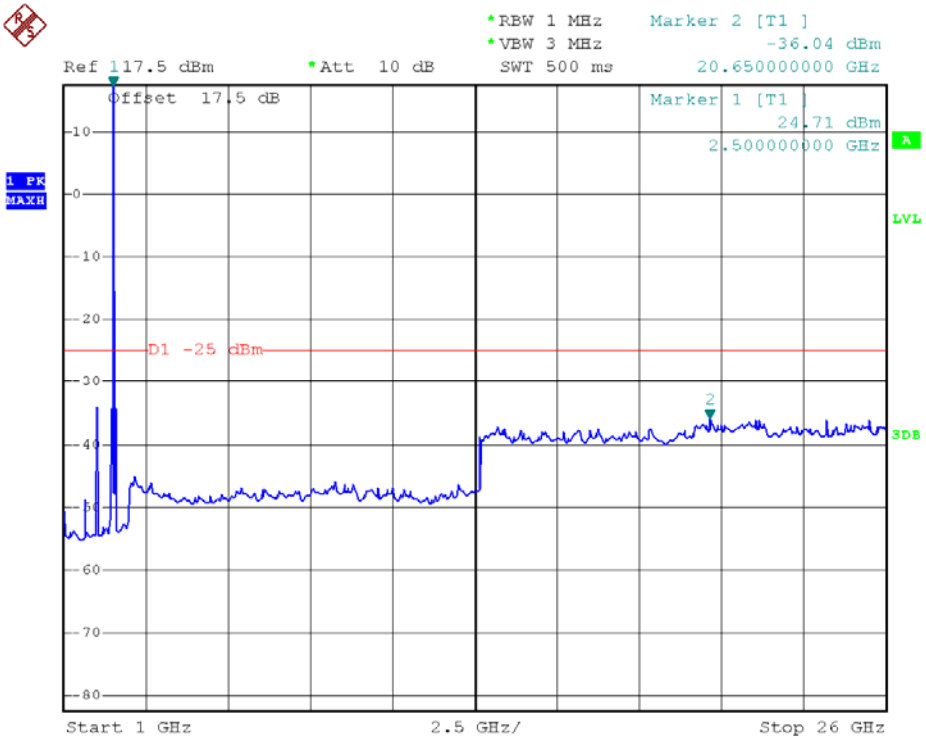



RB Size 1, RB Offset 0 1GHz to 26GHz

| Band | LTE Band 7 | Channel: | Low |
|---|---|---|---|
| Bandwidth | 20MHz | Modulation | QPSK |

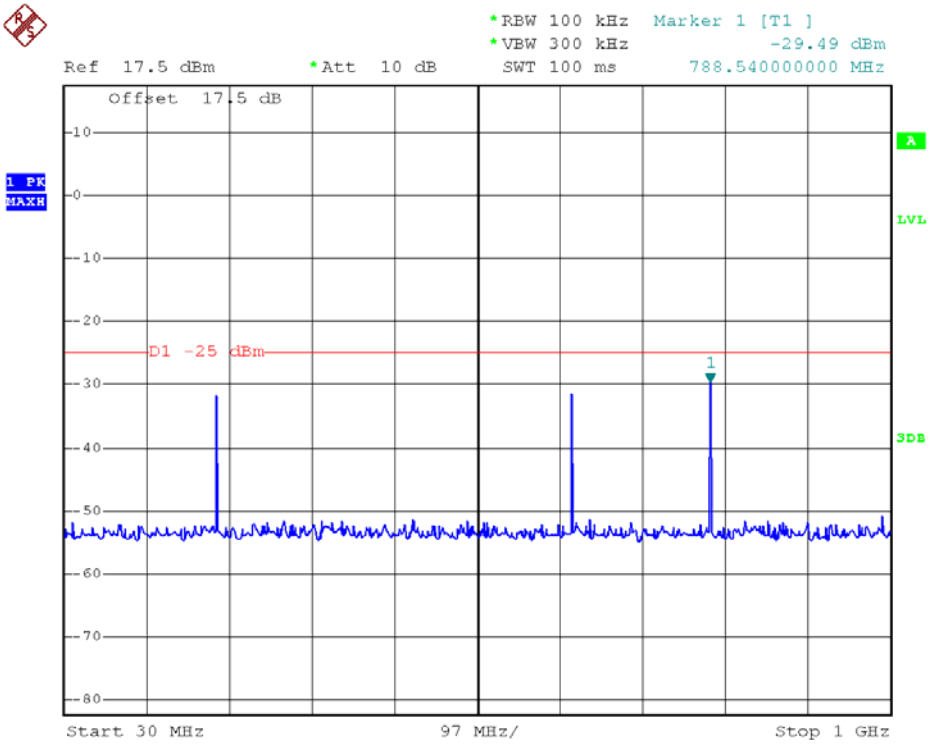



RB Size 1, RB Offset 0 30MHz to 1GHz

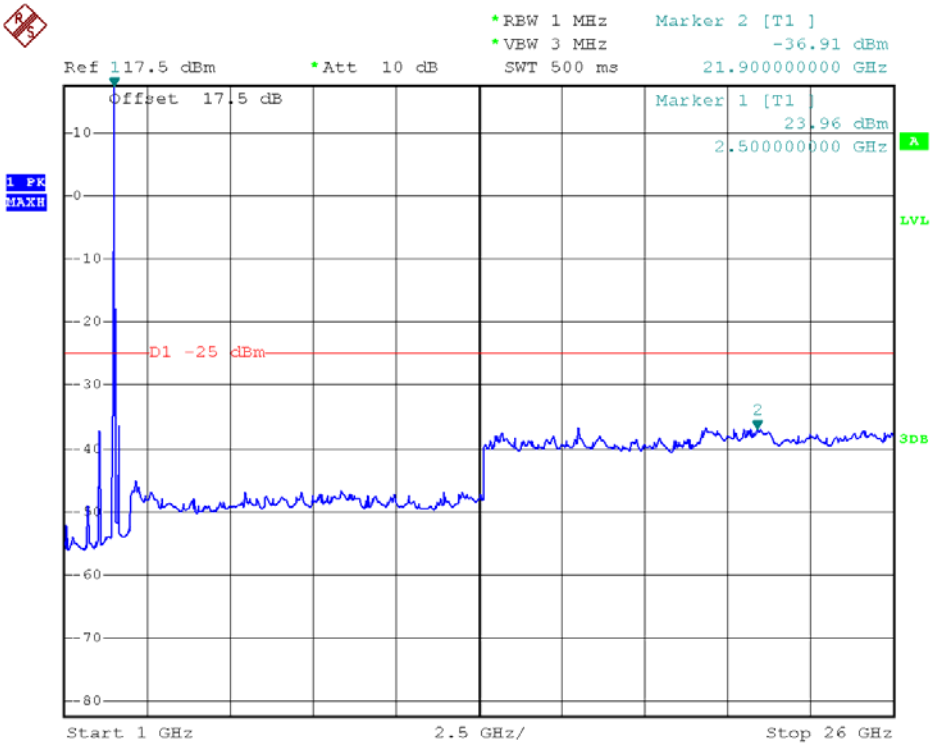



RB Size 1, RB Offset 0 1GHz to 26GHz

| Band | LTE Band 7 | Channel | Middle |
|---|---|---|---|
| Bandwidth | 20MHz | Modulation | QPSK |

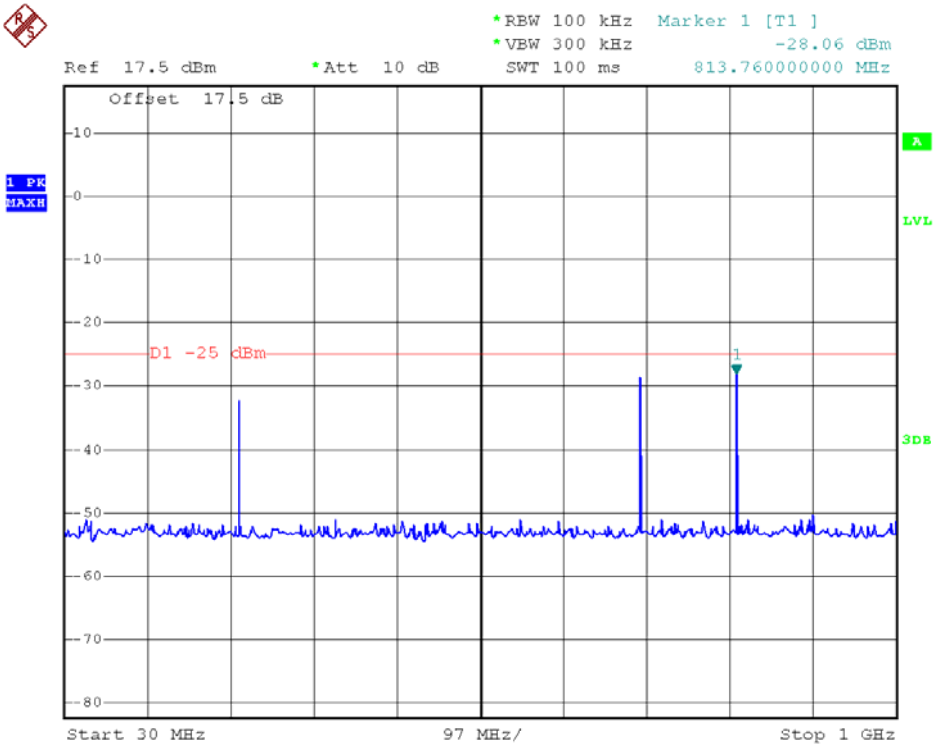



RB Size 1, RB Offset 0 30MHz to 1GHz

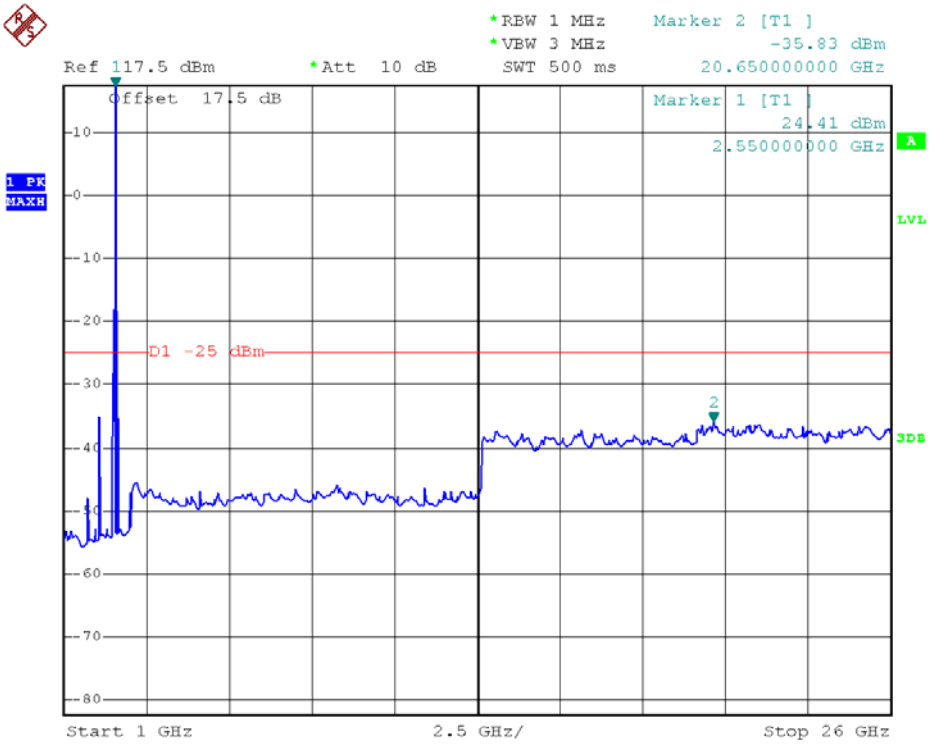



RB Size 1, RB Offset 0 1GHz to 26GHz

| Band | LTE Band 7 | Channel | High |
|---|---|---|---|
| Bandwidth | 20MHz | Modulation | QPSK |




RB Size 1, RB Offset 0 30MHz to 1GHz




RB Size 1, RB Offset 0 1GHz to 26GHz

## 2.6 Conducted Band Edge

### 2.6.1 Description of Conducted Band Edge Measurement

24.238(a) for Band 2

For operations in the 1850 -1910 MHz band, the FCC limit is 43 + 10log10 (P [Watts]) dB below the transmitter power P(Watts) in a 1MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53(h) for Band 4

For operations in the 1710 – 1755 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

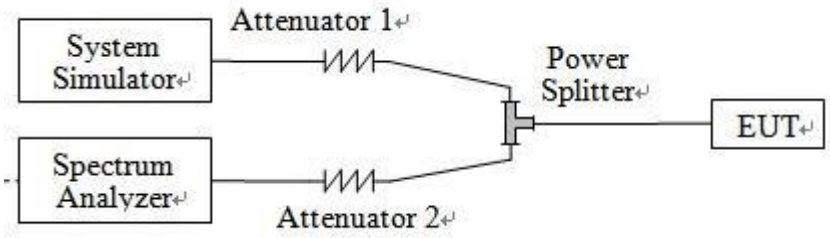
27.53 (m)(4) for Band 7

For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

### 2.6.2 Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

### 2.6.3 Test Setup

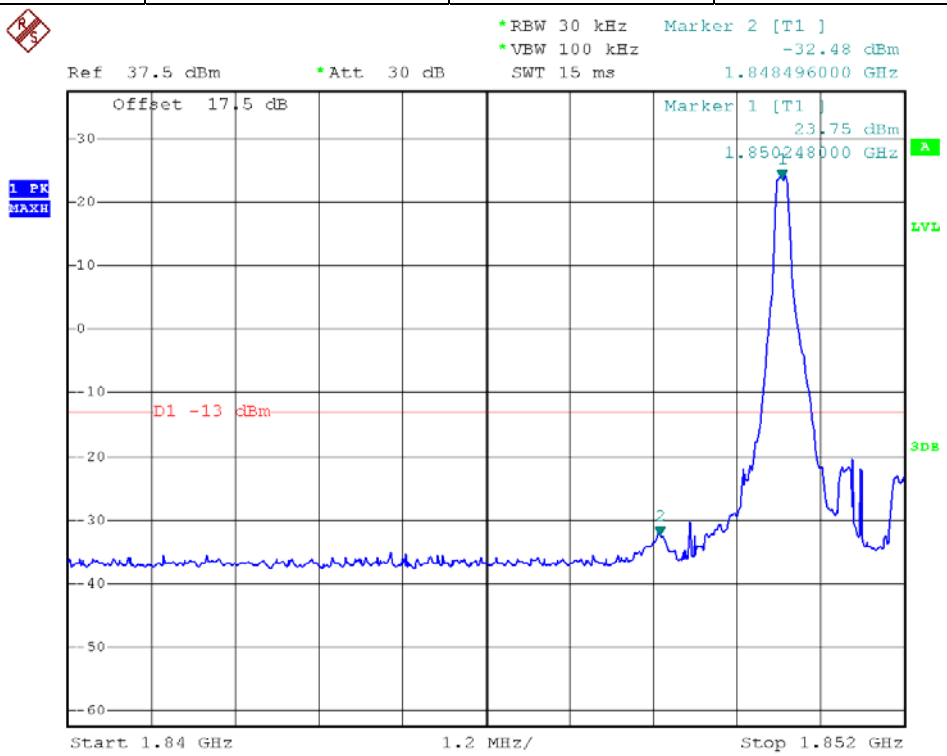



### 2.6.4 Test Procedures

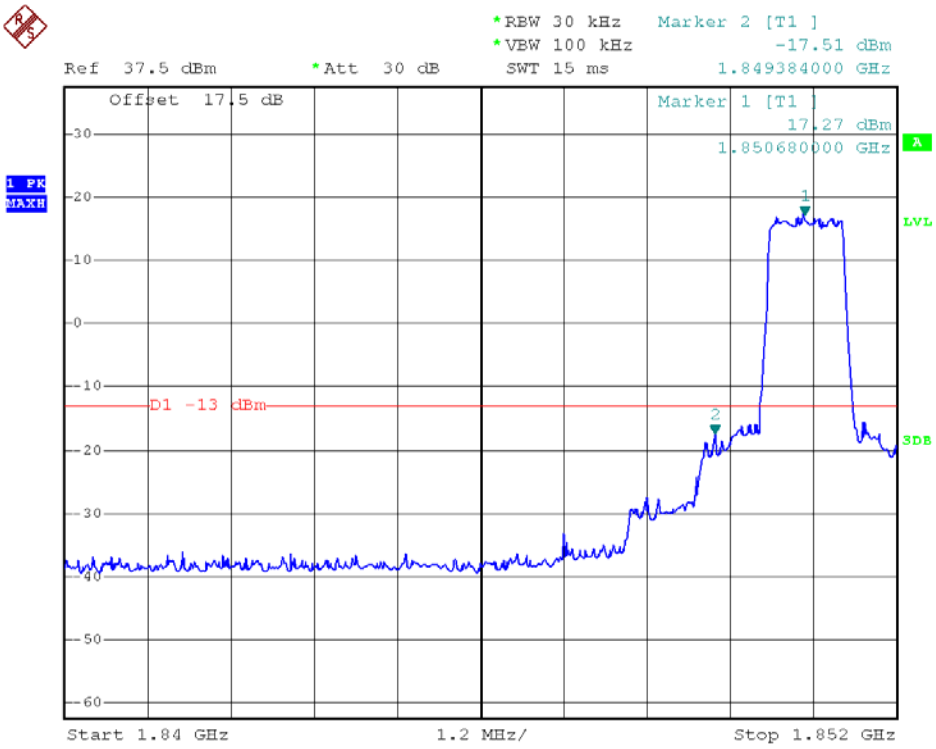
1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured. Set RBW>= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
3. Set spectrum analyzer with RMS detector.
4. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
5. The limit line is derived from 43 + 10log (P)dB below the transmitter power P(Watts)
   = P(W)- [43 + 10log(P)] (dB)
   = [30 + 10log (P)] (dBm) - [43 + 10log (P)] (dB)
   = -13dBm.
   <For Band 7>
   The limit line is derived from 55+ 10log (P)dB below the transmitter power P(Watts)
   = P(W)- [55 + 10log(P)] (dB)
   = [30 + 10log (P)] (dBm) - [55 + 10log (P)] (dB)
   = -25dBm.

### 2.6.5 Test Result of Conducted Band Edge

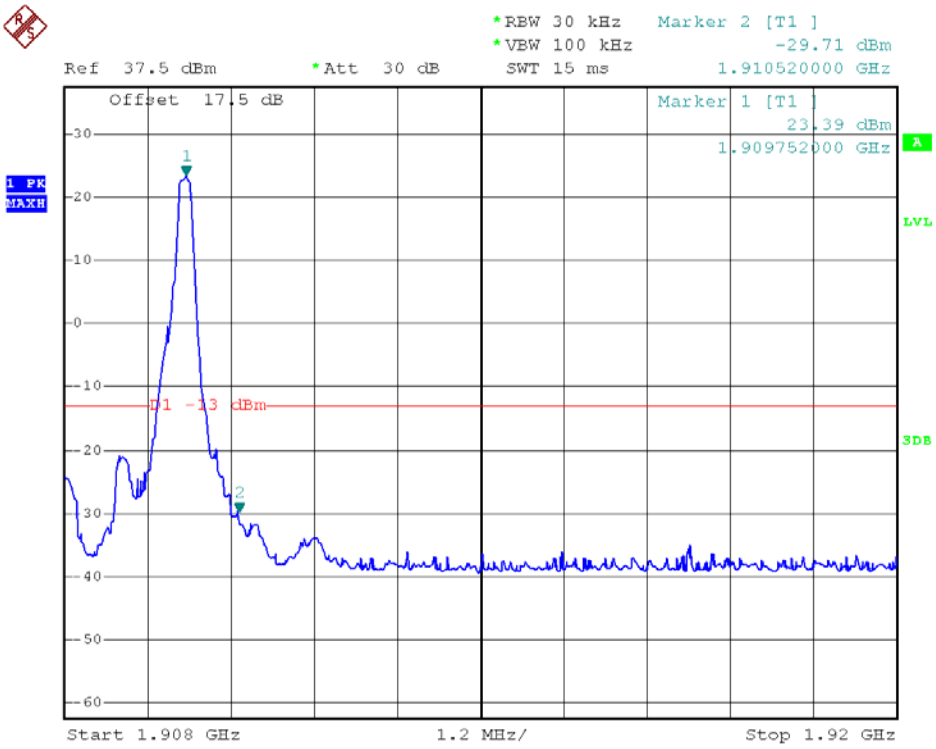
| Band | LTE Band 2 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 1.4MHz | | |



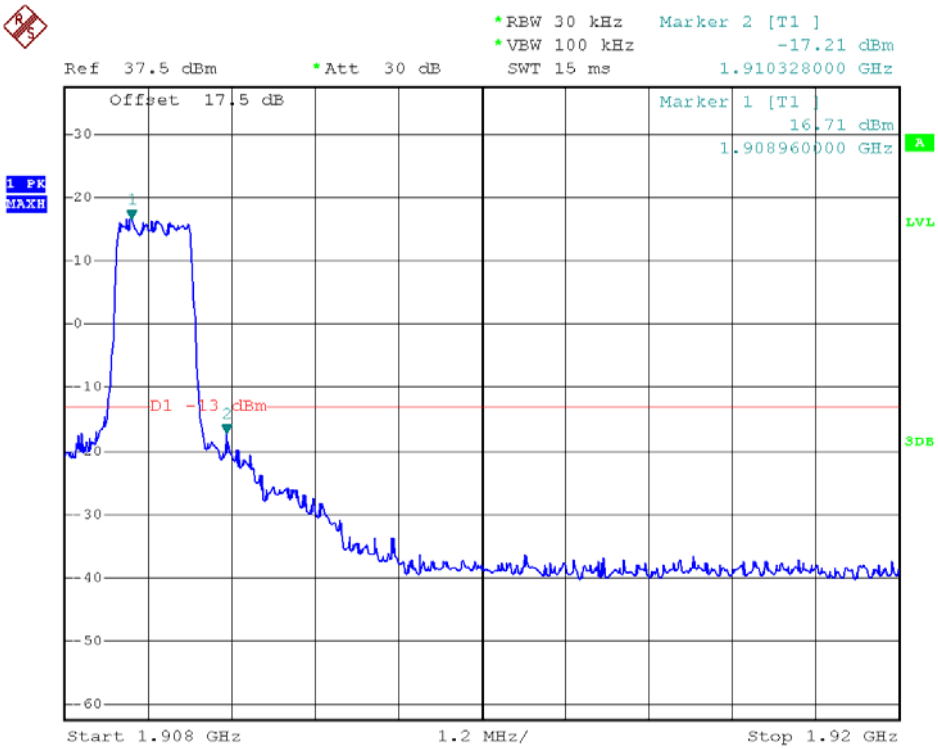

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 6, RB Offset 0

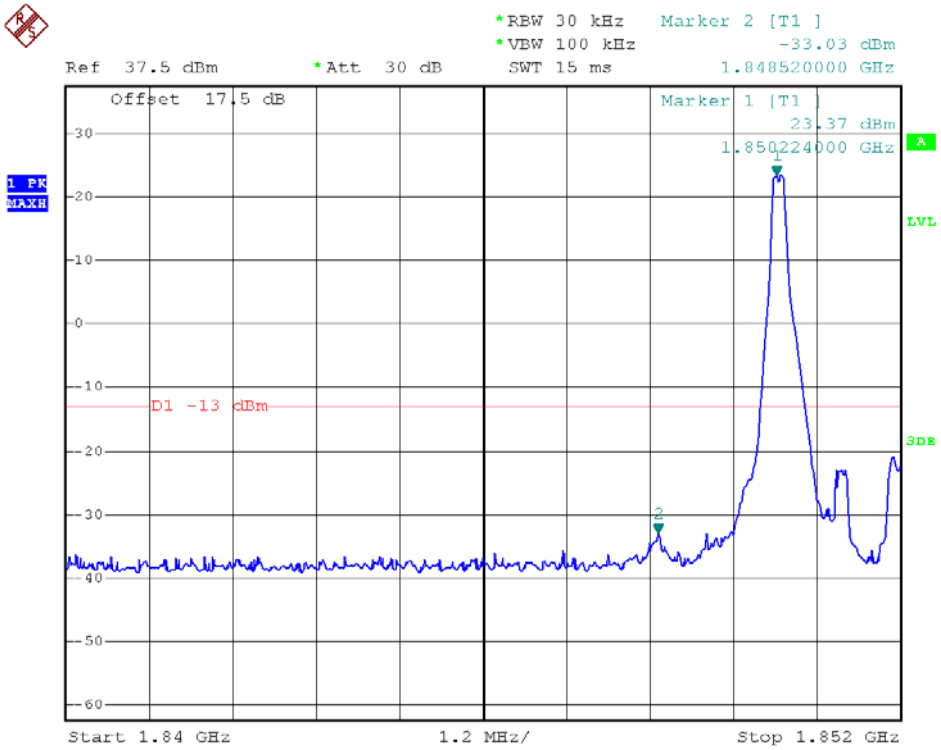



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 5

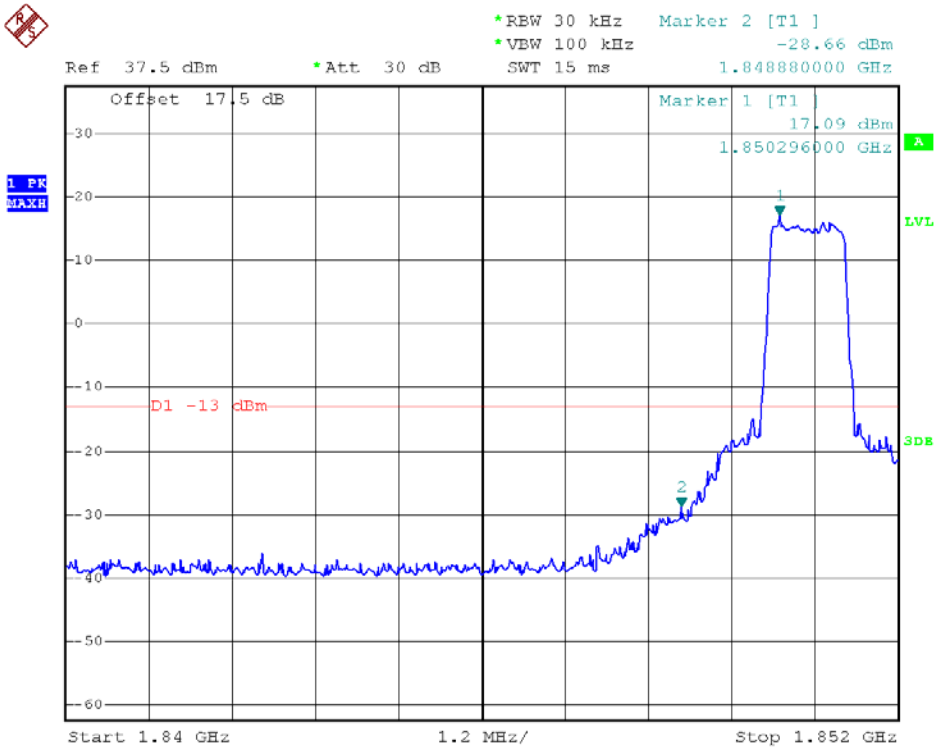



Higher Band Edge Plot for QPSK-RB Size 6, RB Offset 0

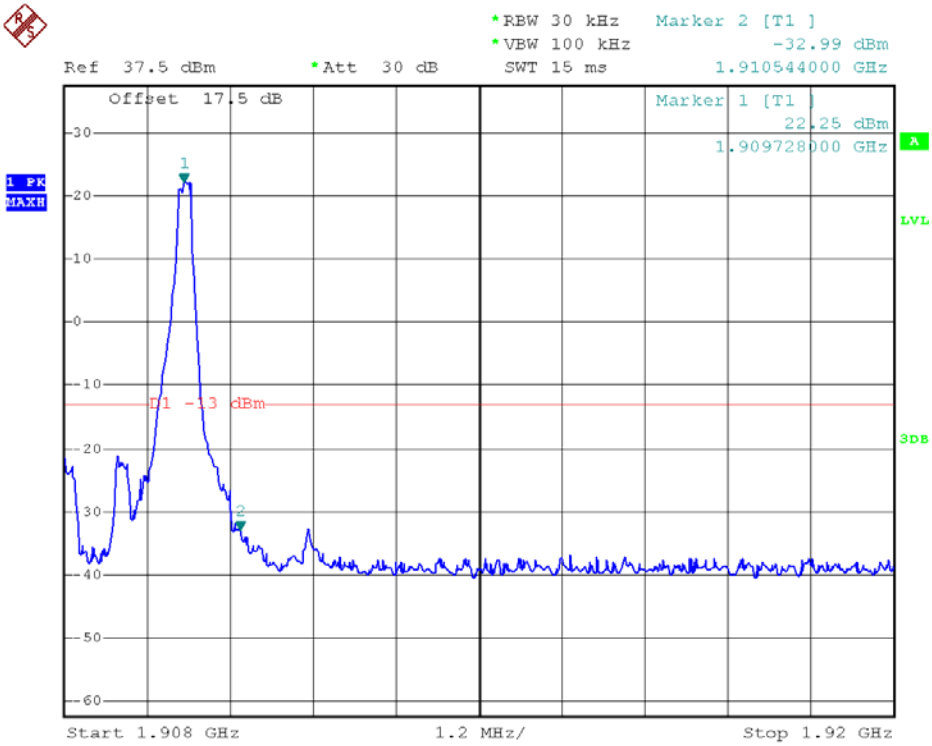
| Band | LTE Band 2 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 1.4MHz | | |



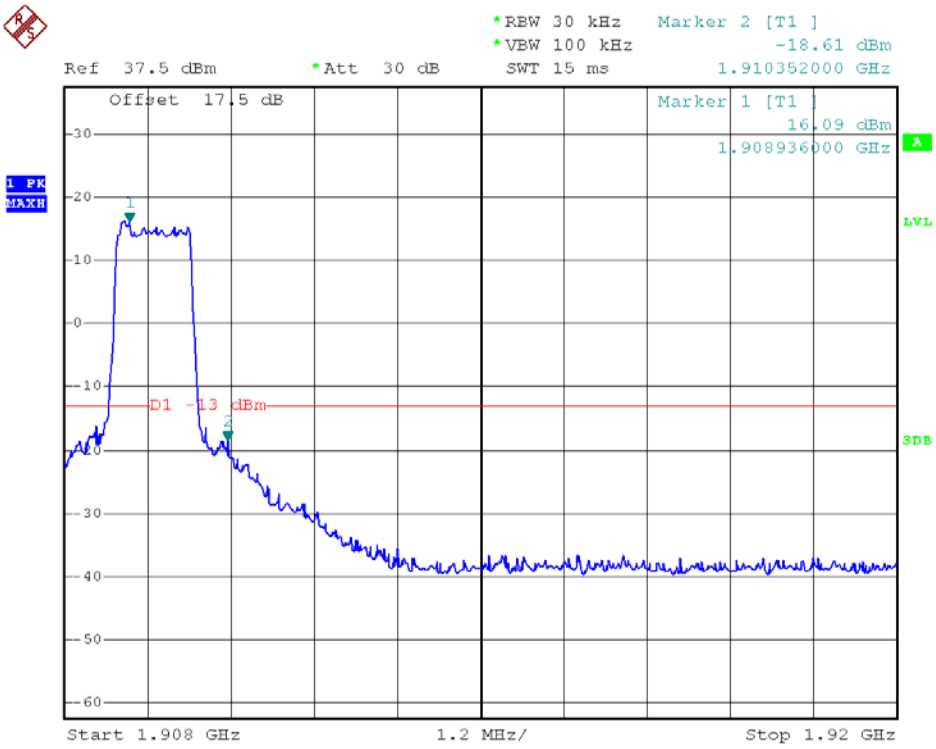

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM-RB Size 6, RB Offset 0

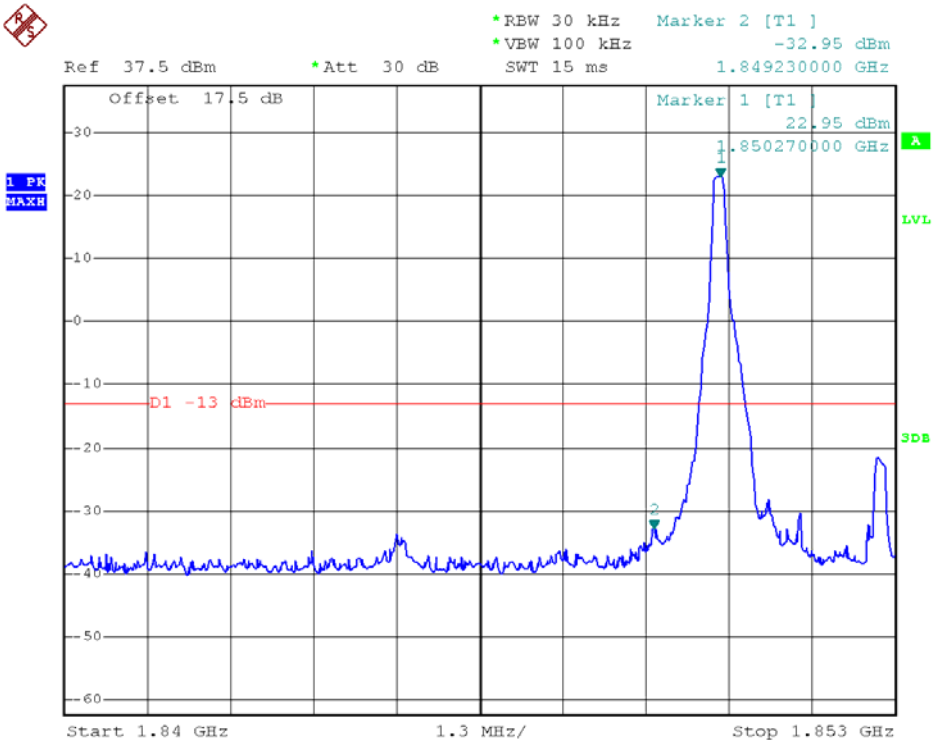



Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 5

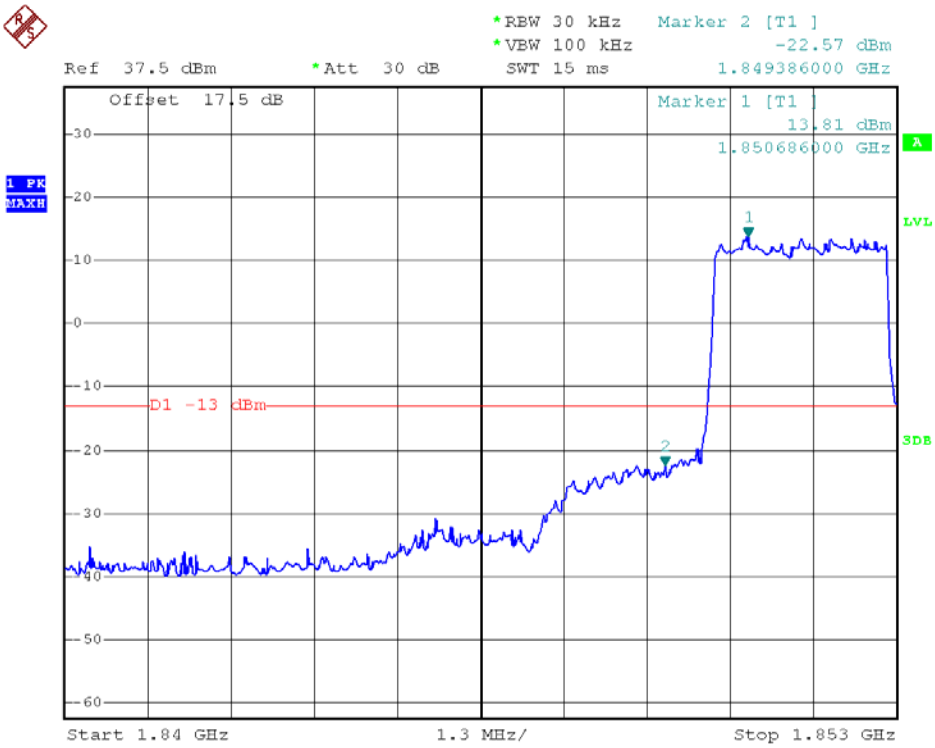



Higher Band Edge Plot for 16QAM-RB Size 6, RB Offset 0

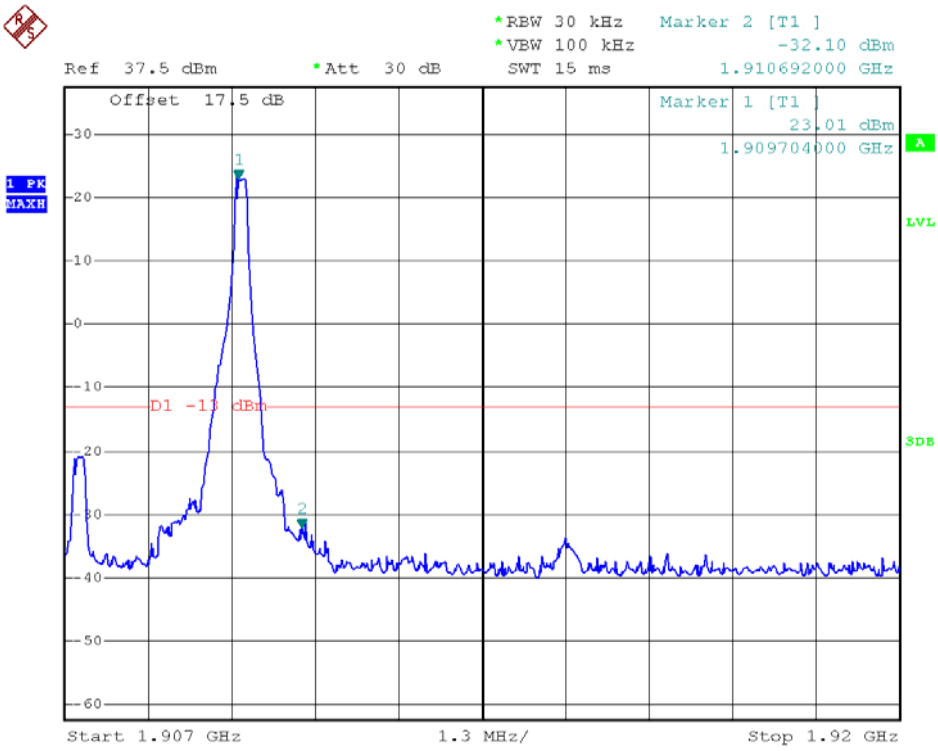
| Band | LTE Band 2 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 3MHz | | |



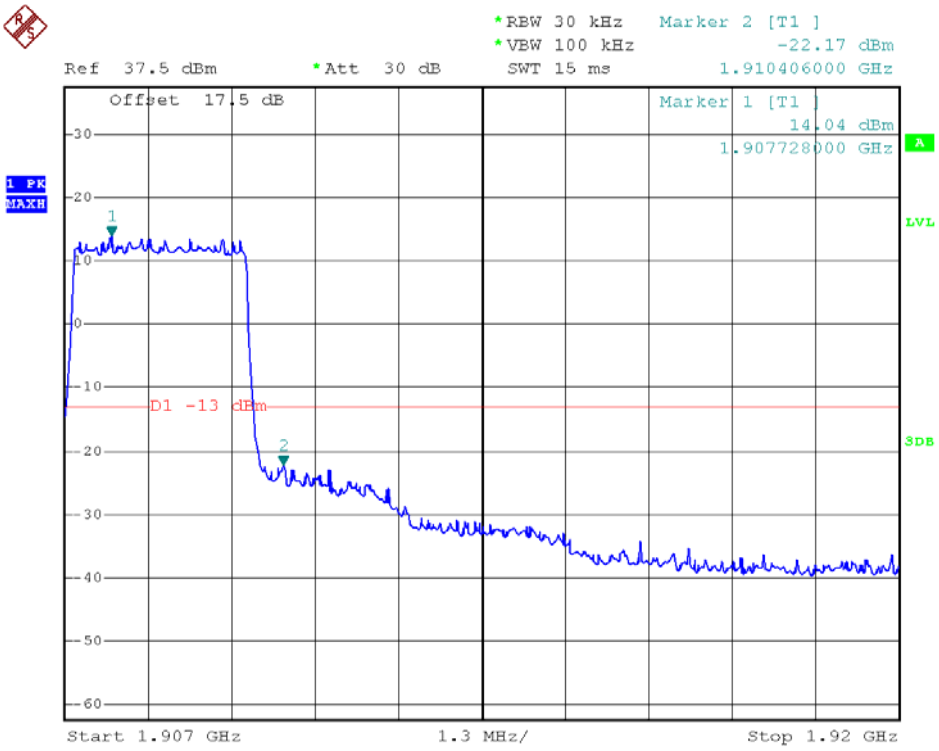

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 15, RB Offset 0

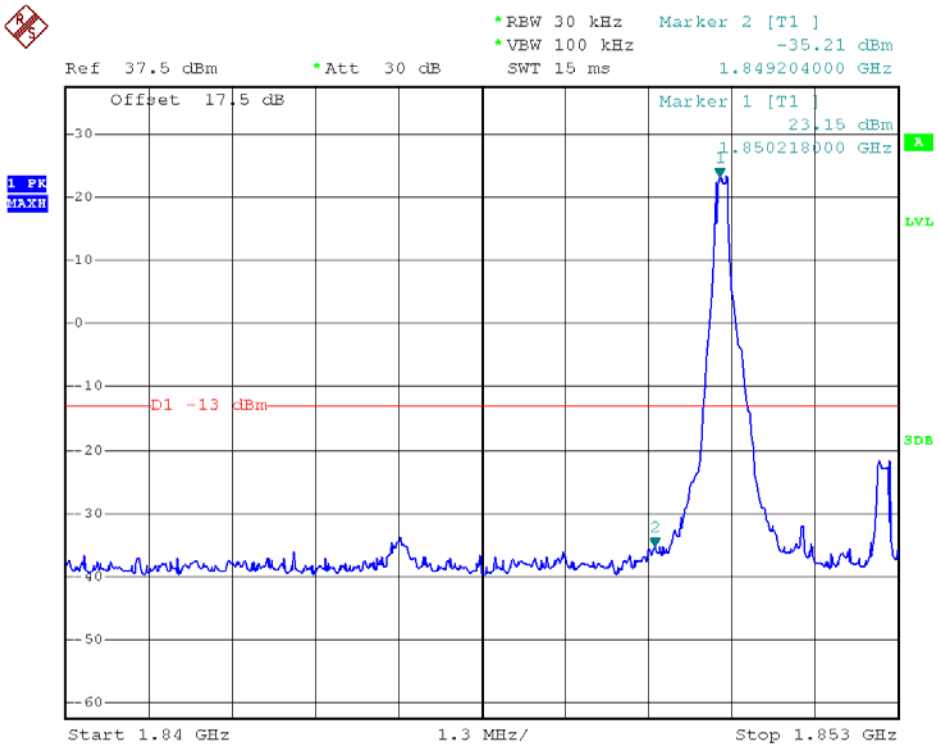



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 14

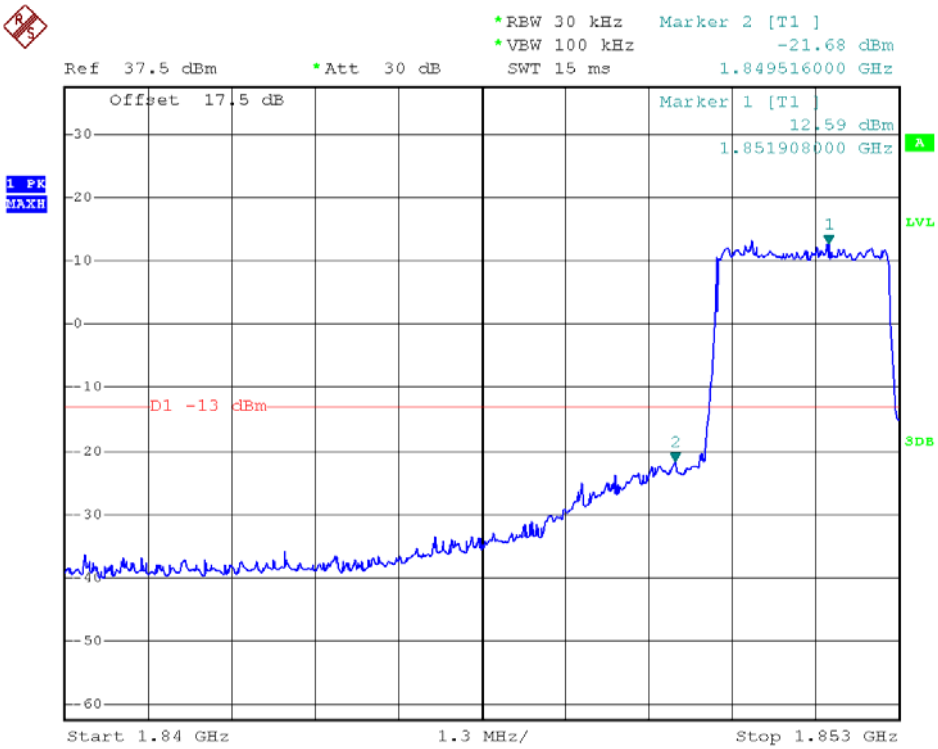



Higher Band Edge Plot for QPSK-RB Size 15, RB Offset 0

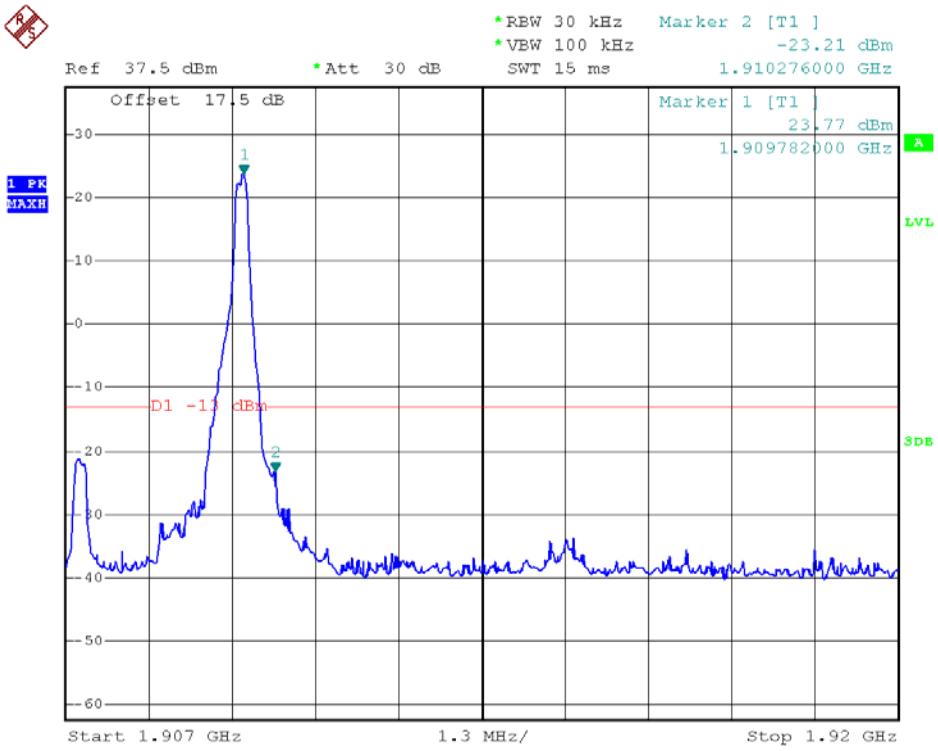
| Band | LTE Band 2 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 3MHz | | |



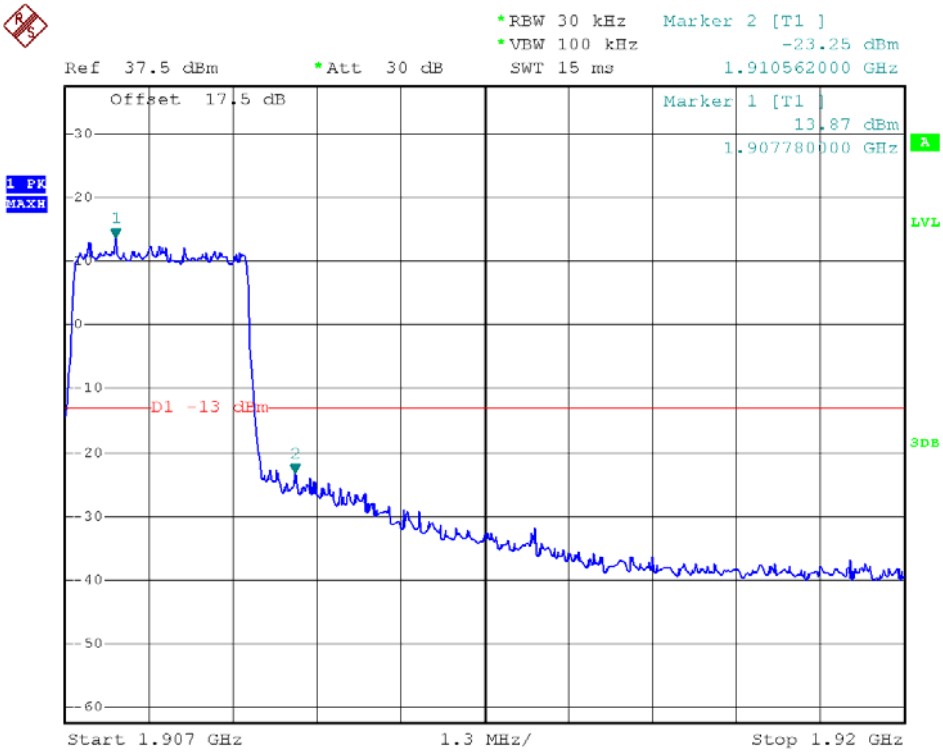

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM-RB Size 15, RB Offset 0

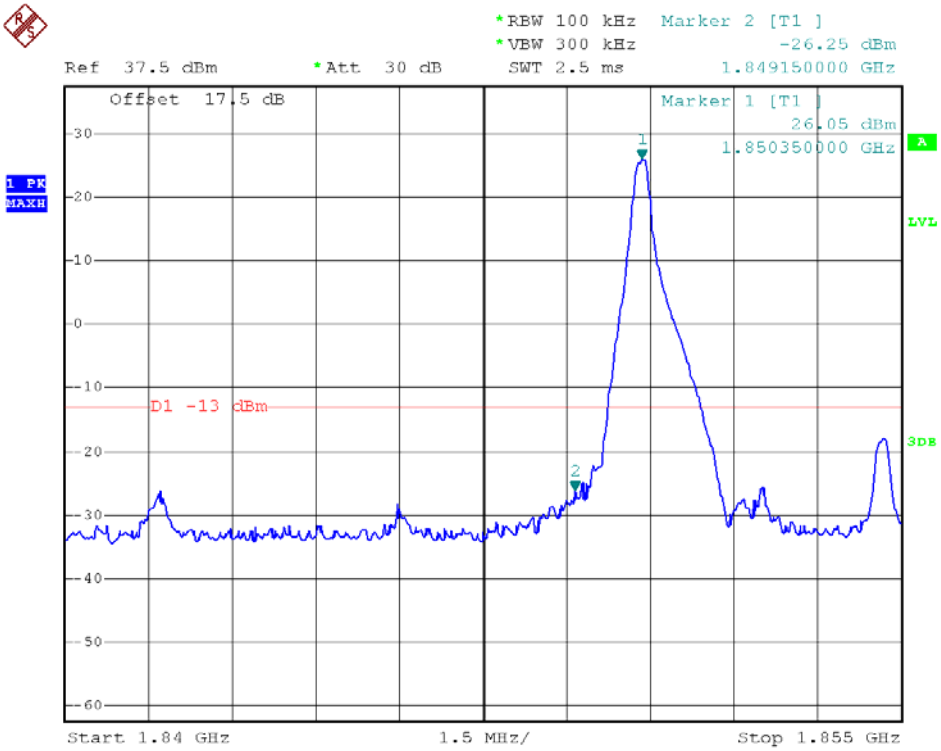



Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 14

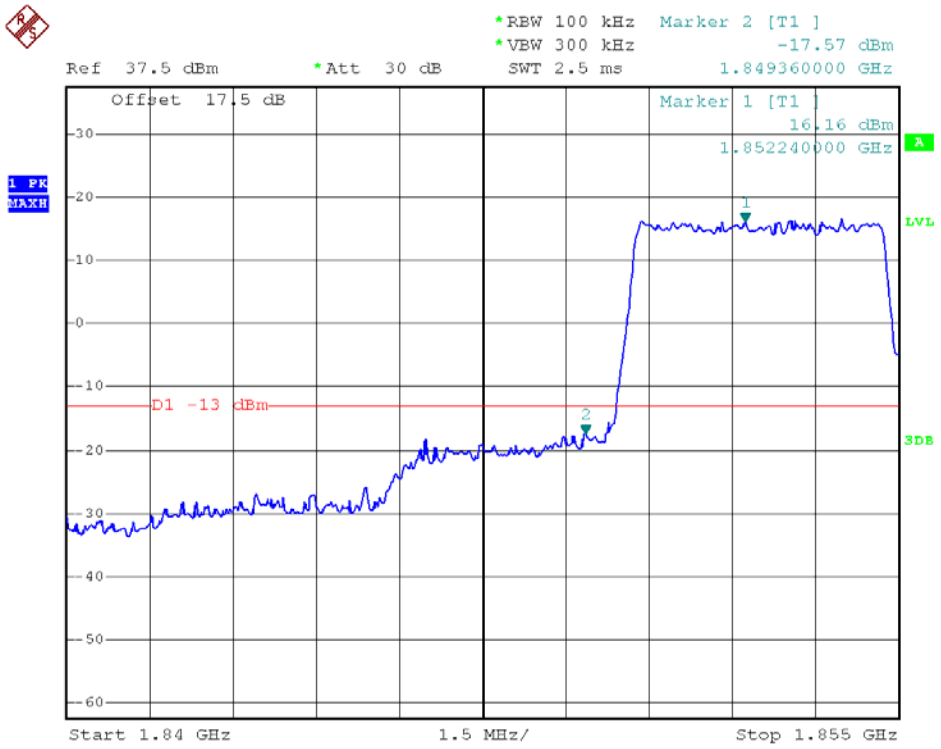



Higher Band Edge Plot for 16QAM-RB Size 15, RB Offset 0

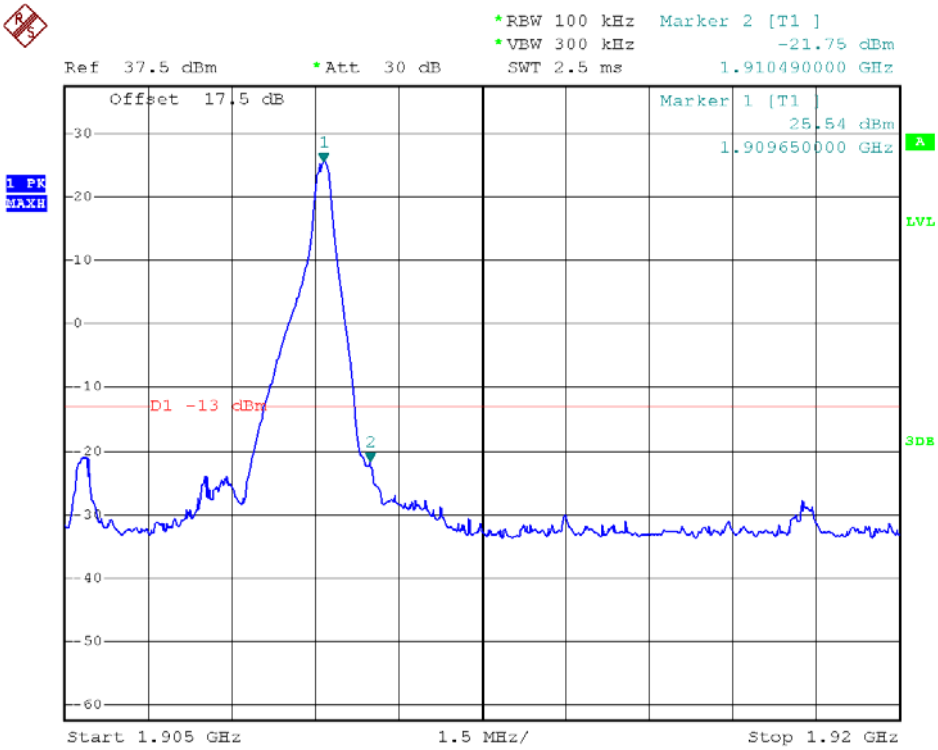
| Band | LTE Band 2 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 5MHz | | |



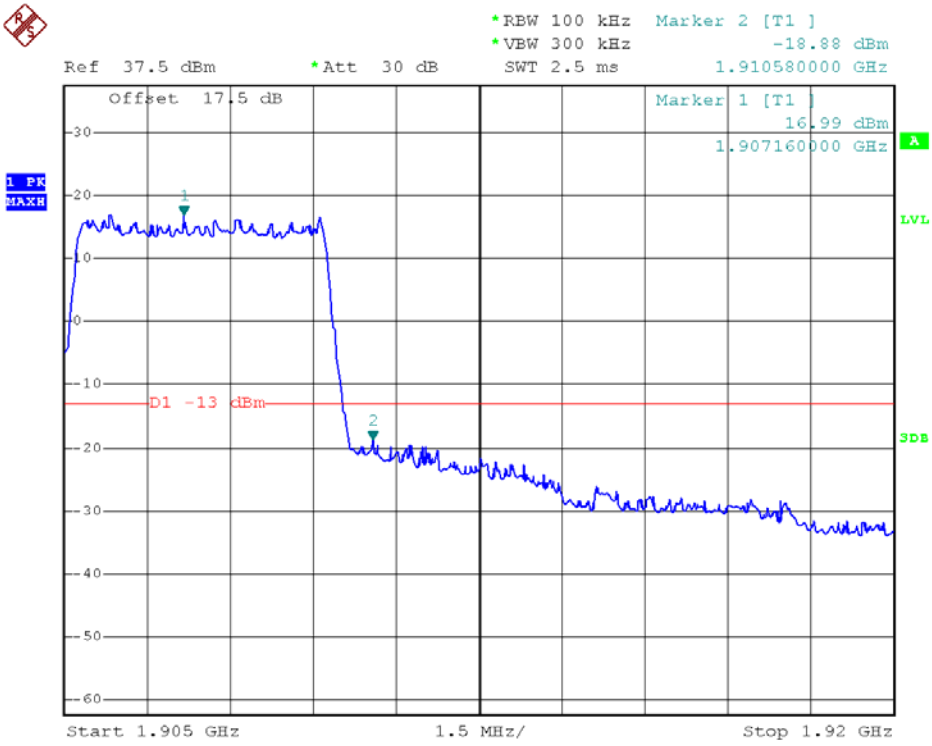

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0

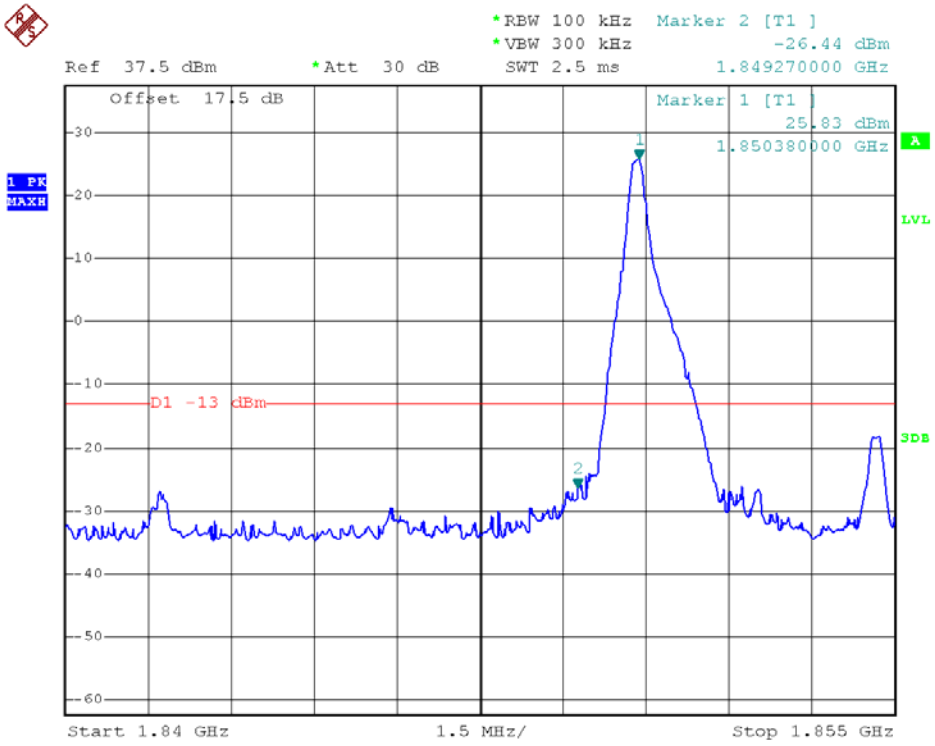



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 24

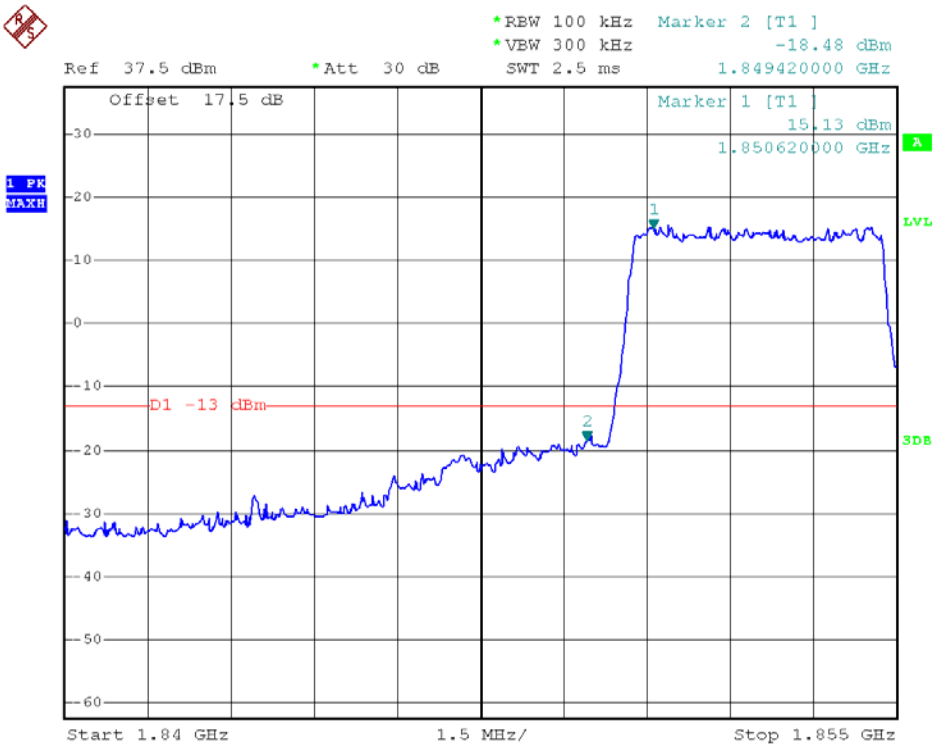



Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0

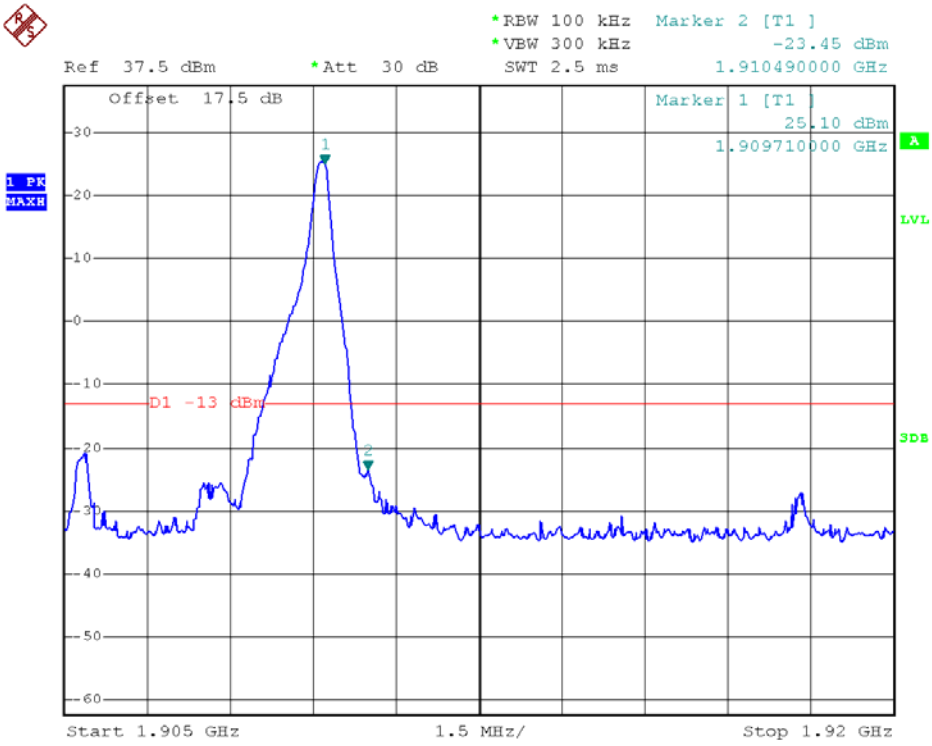
| Band | LTE Band 2 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 5MHz | | |



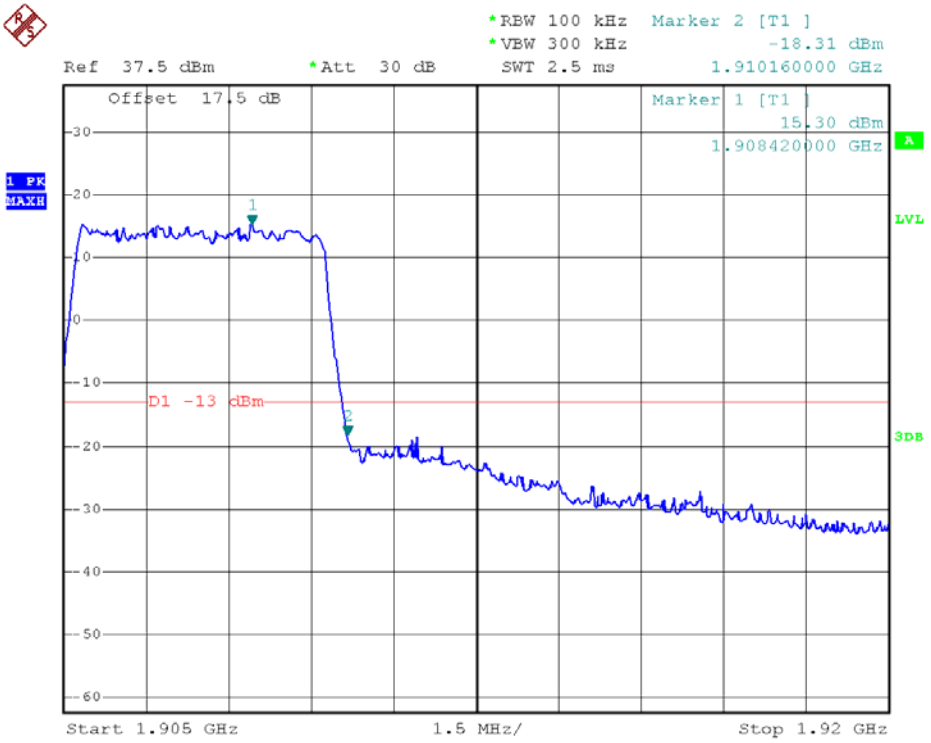

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

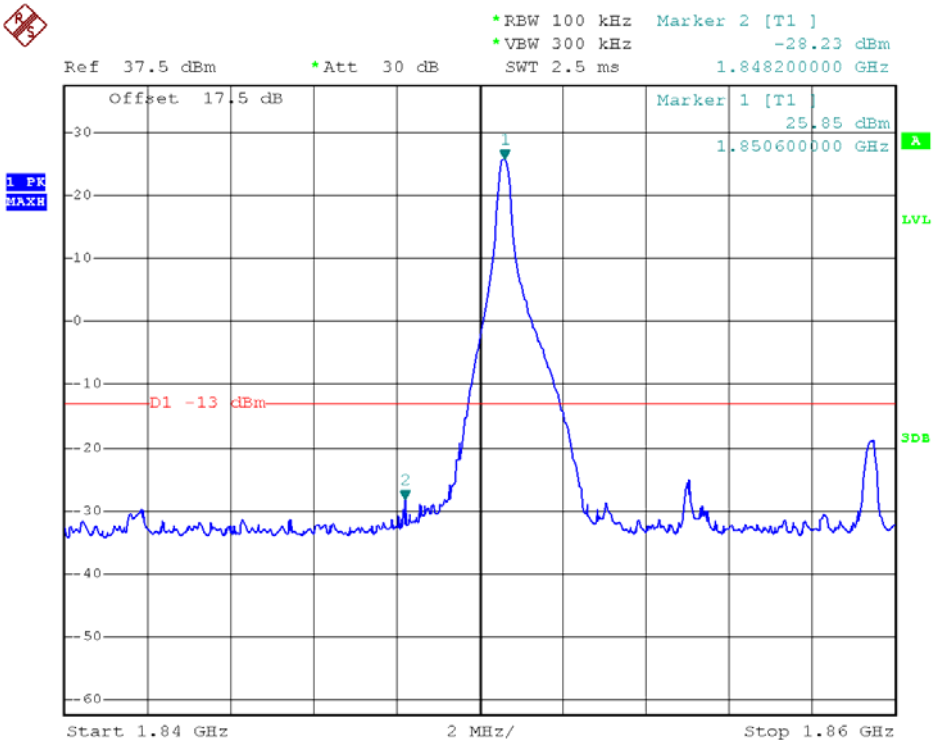



Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 24

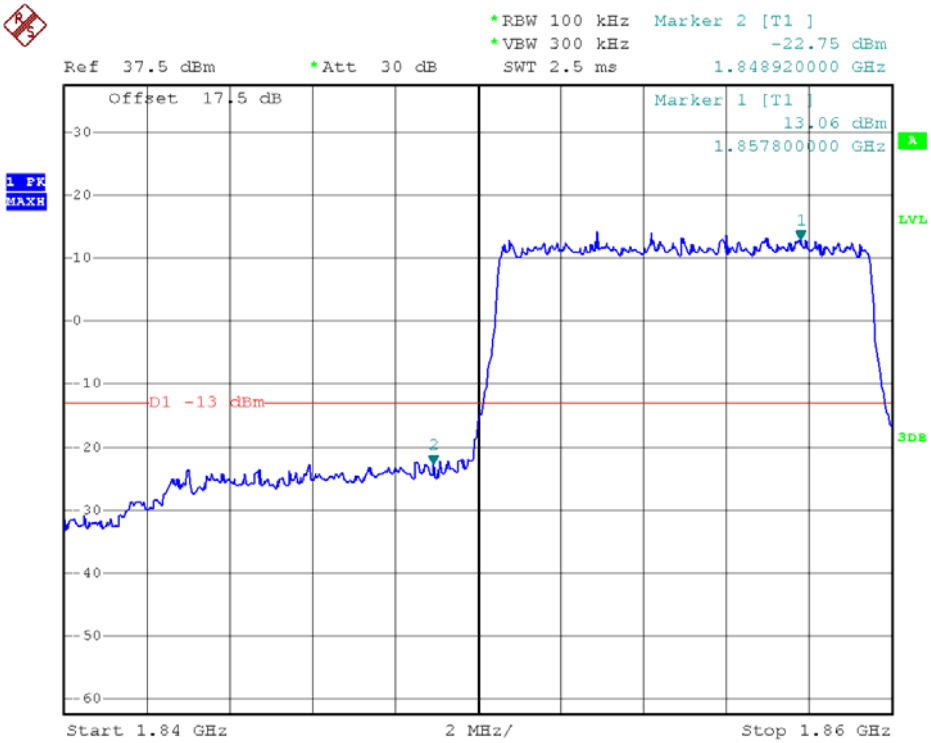



Higher Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

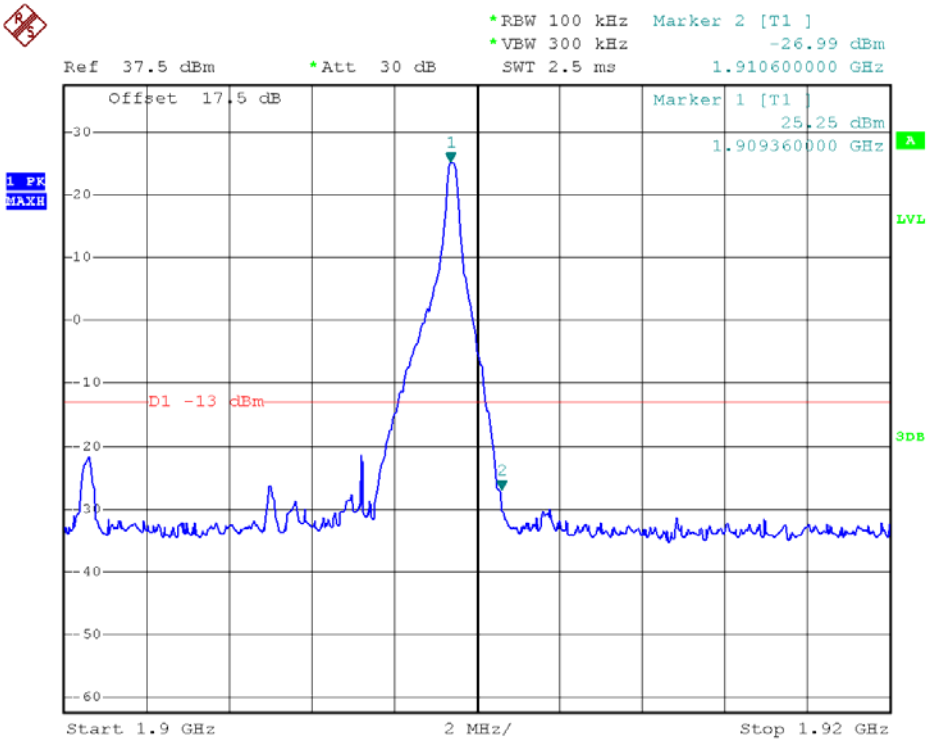
| Band | LTE Band 2 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 10MHz | | |



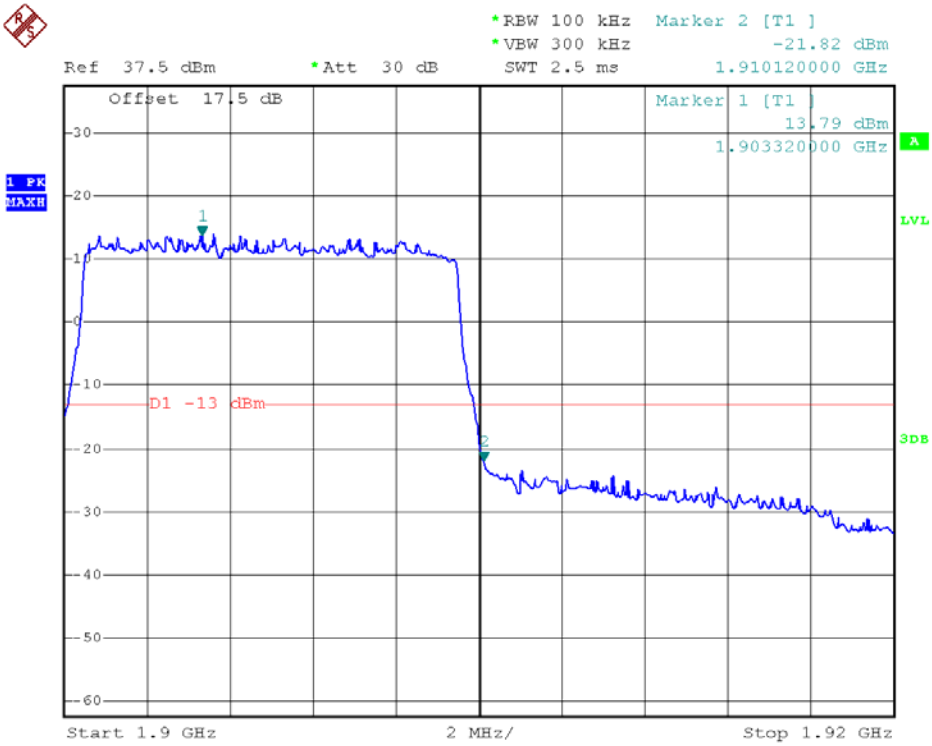

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0

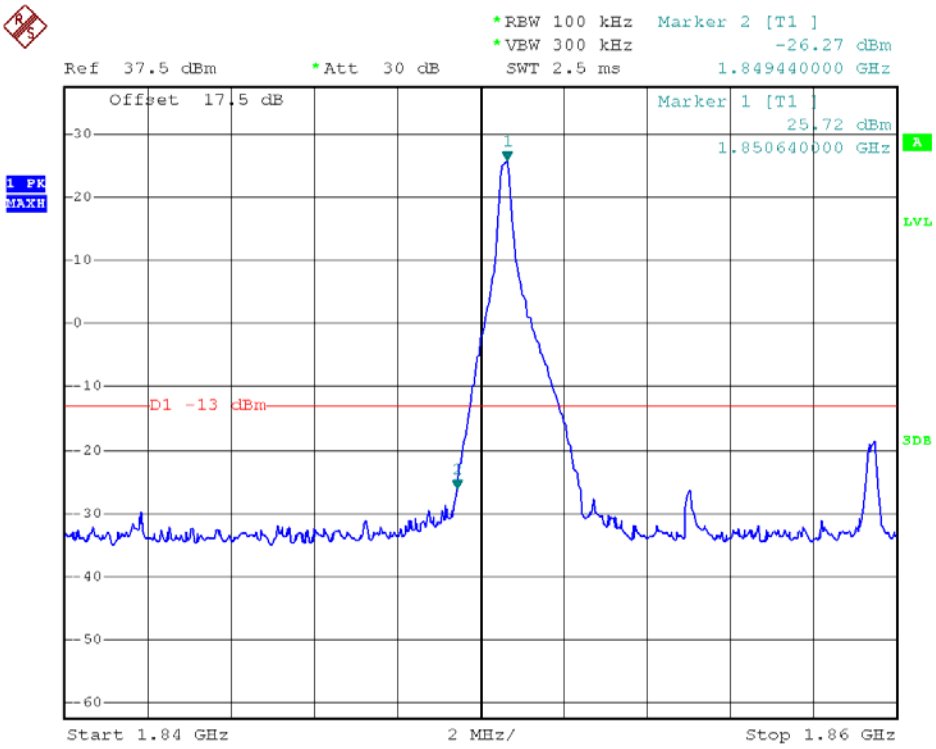



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 49

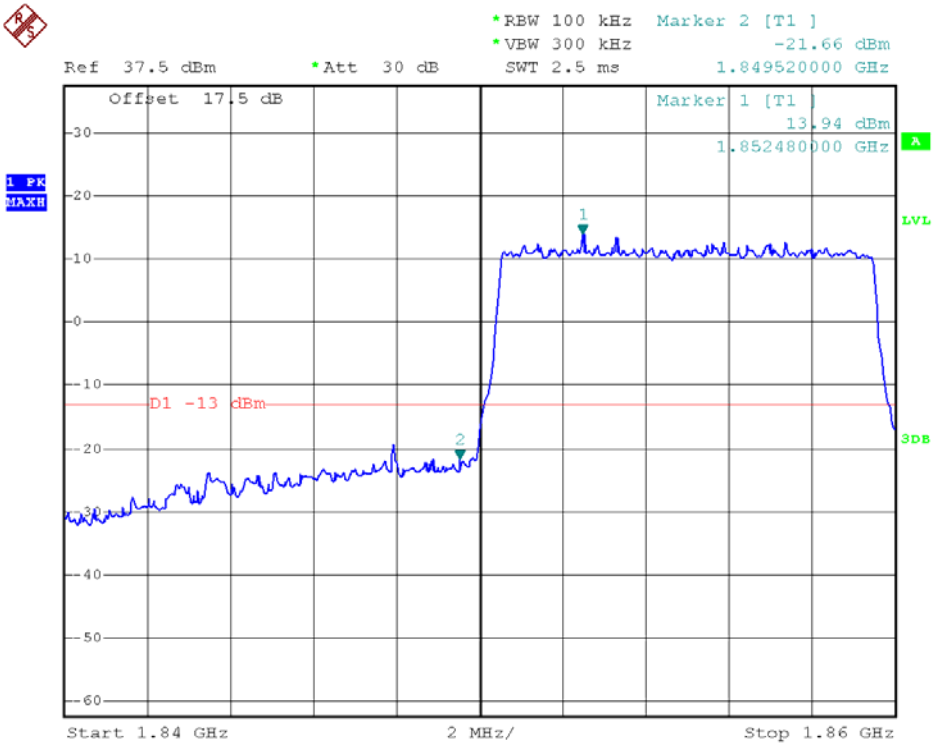



Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0

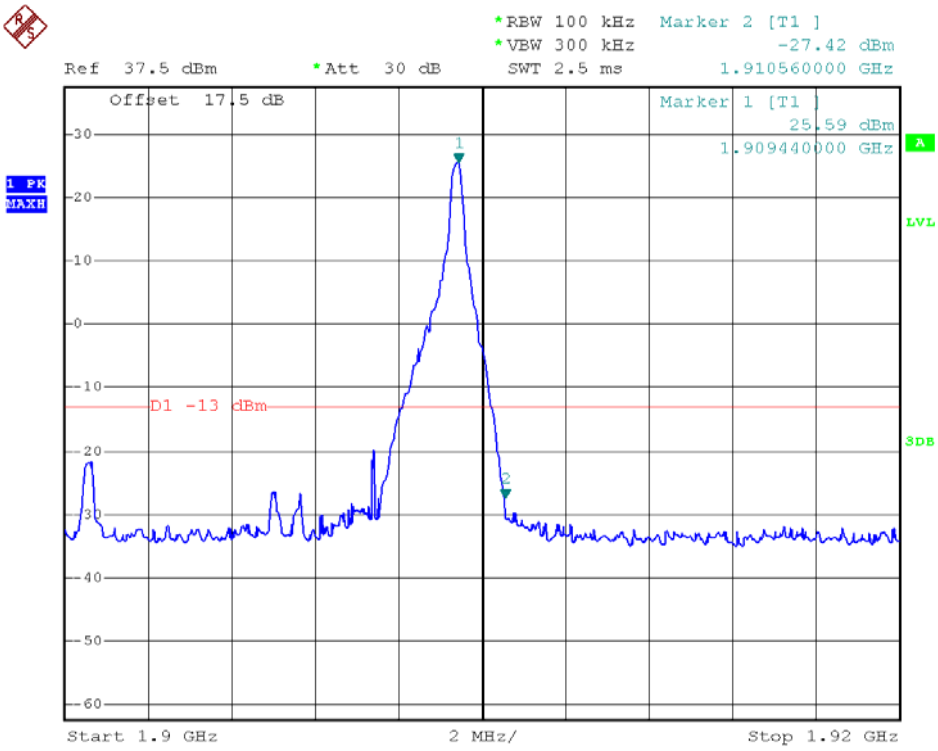
| Band | LTE Band 2 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 10MHz | | |



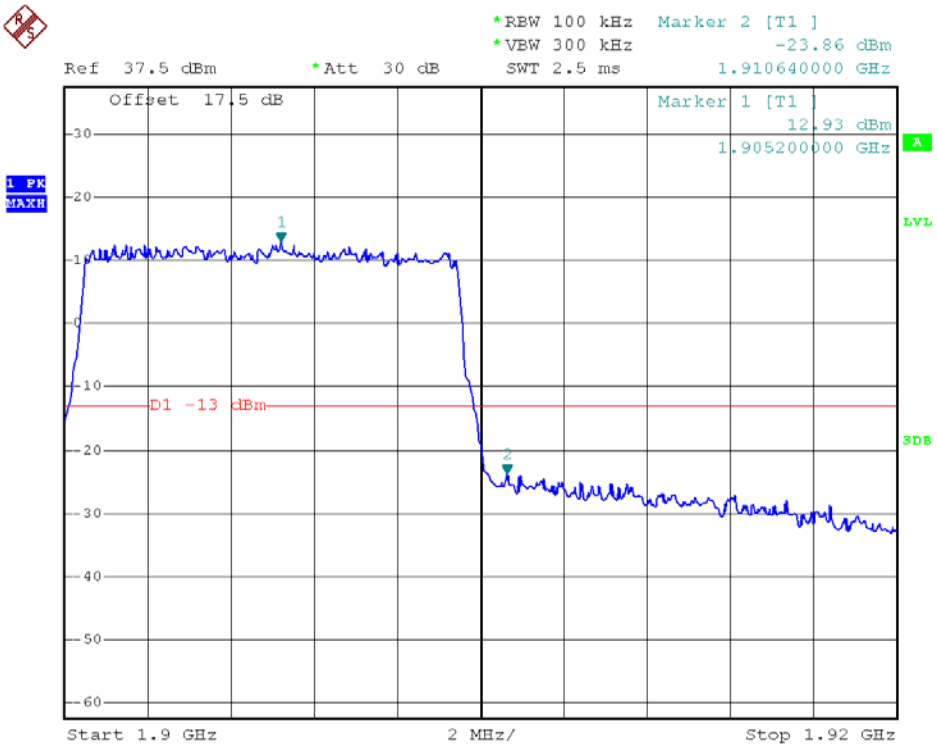

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM-RB Size 50, RB Offset 0

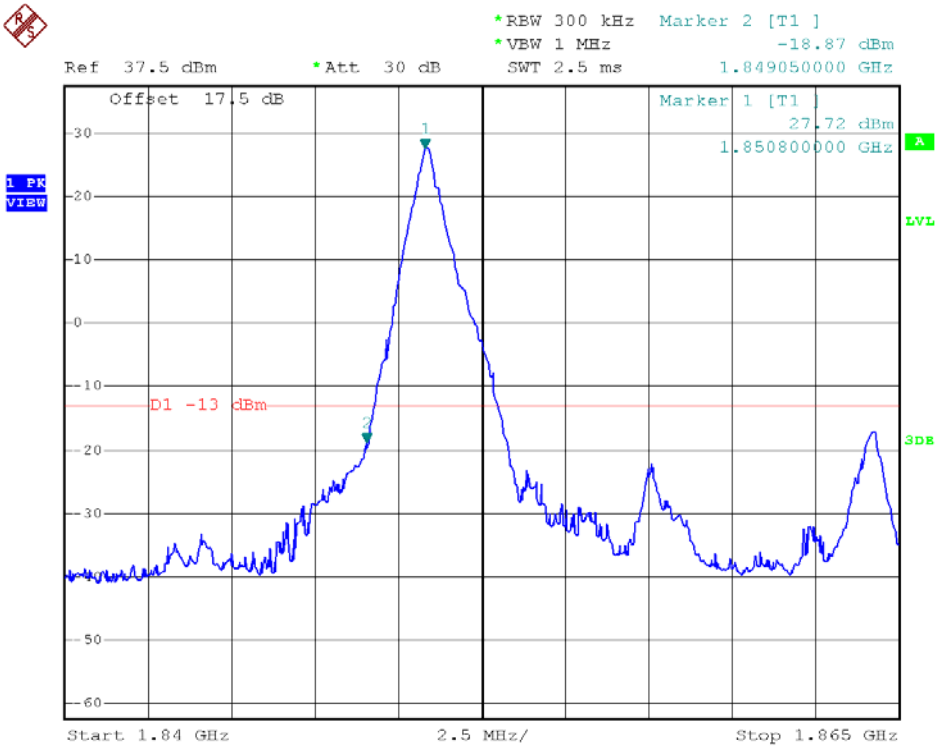



Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 49

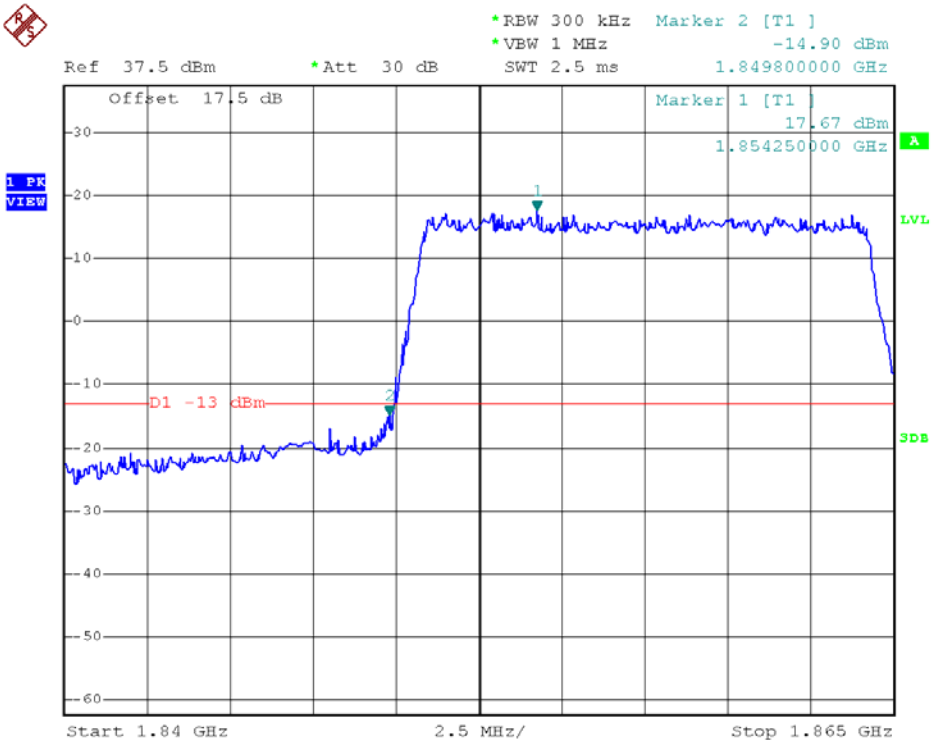



Higher Band Edge Plot for 16QAM-RB Size 50, RB Offset 0

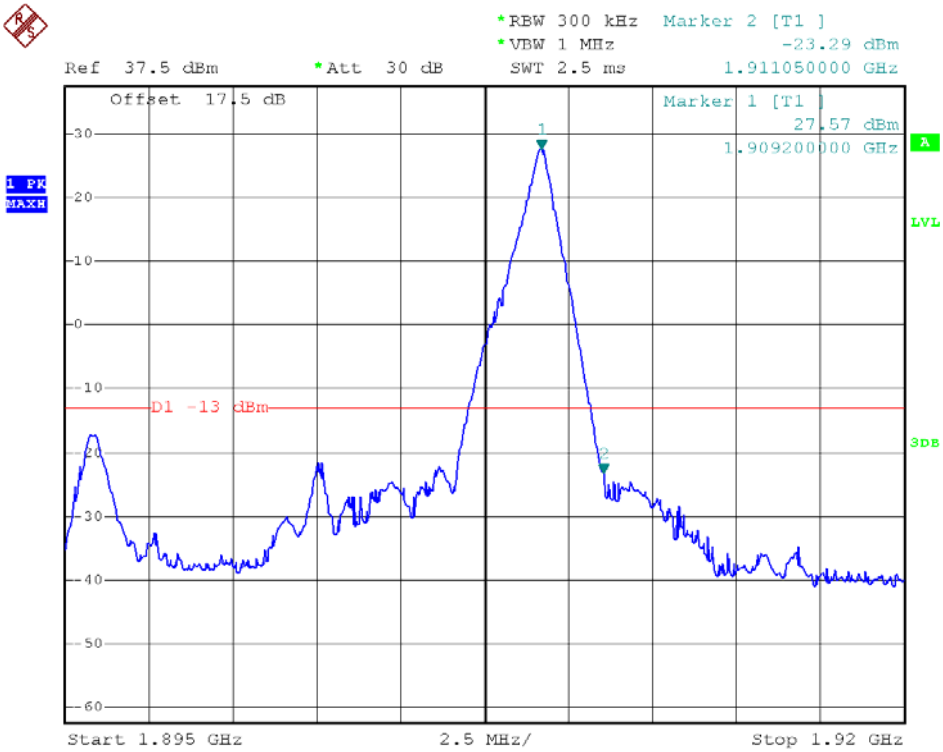
| Band | LTE Band 2 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 15MHz | | |



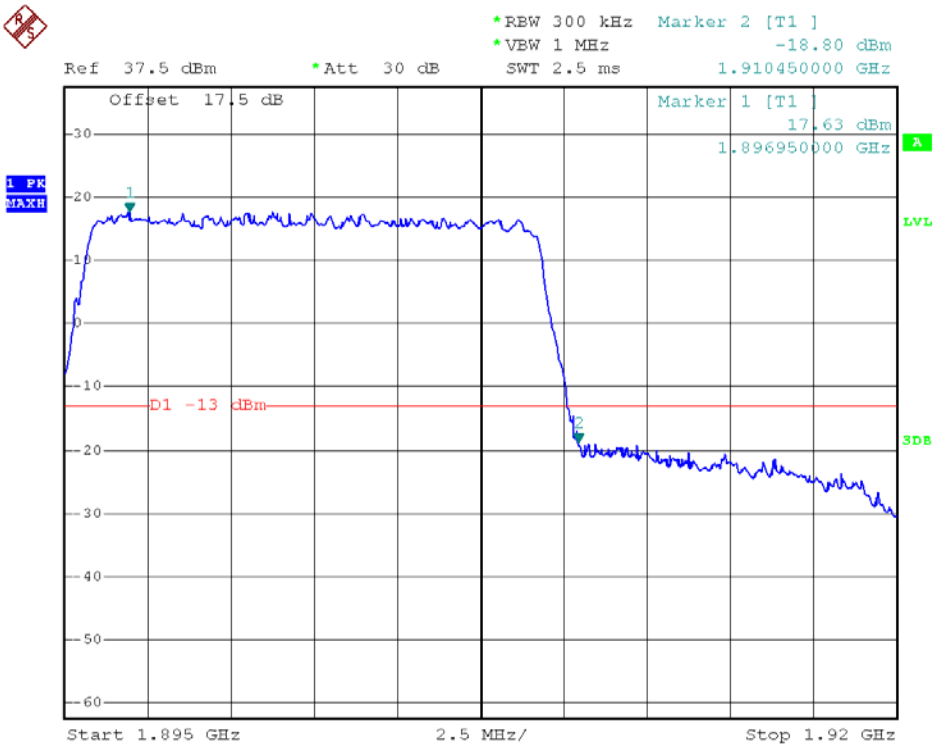

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 75, RB Offset 0

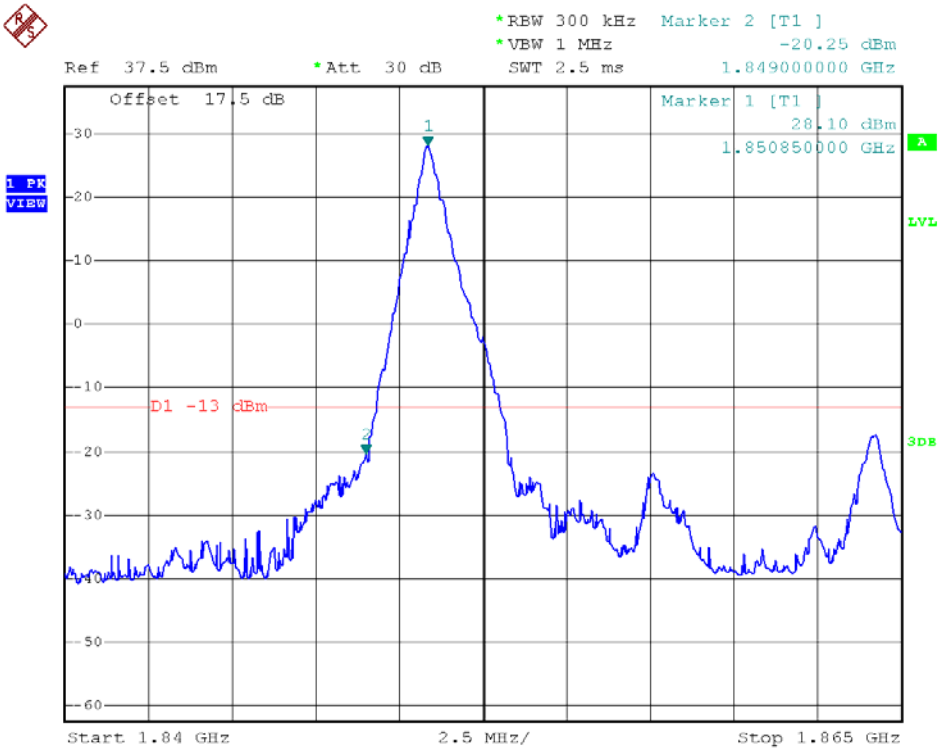



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 74

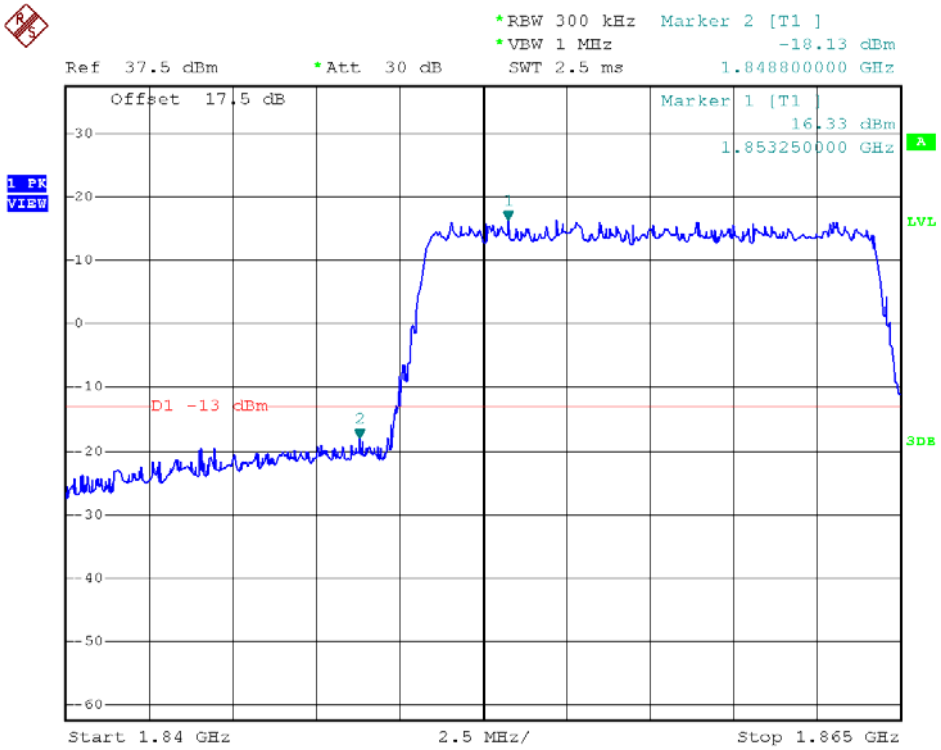



Higher Band Edge Plot for QPSK-RB Size 75, RB Offset 0

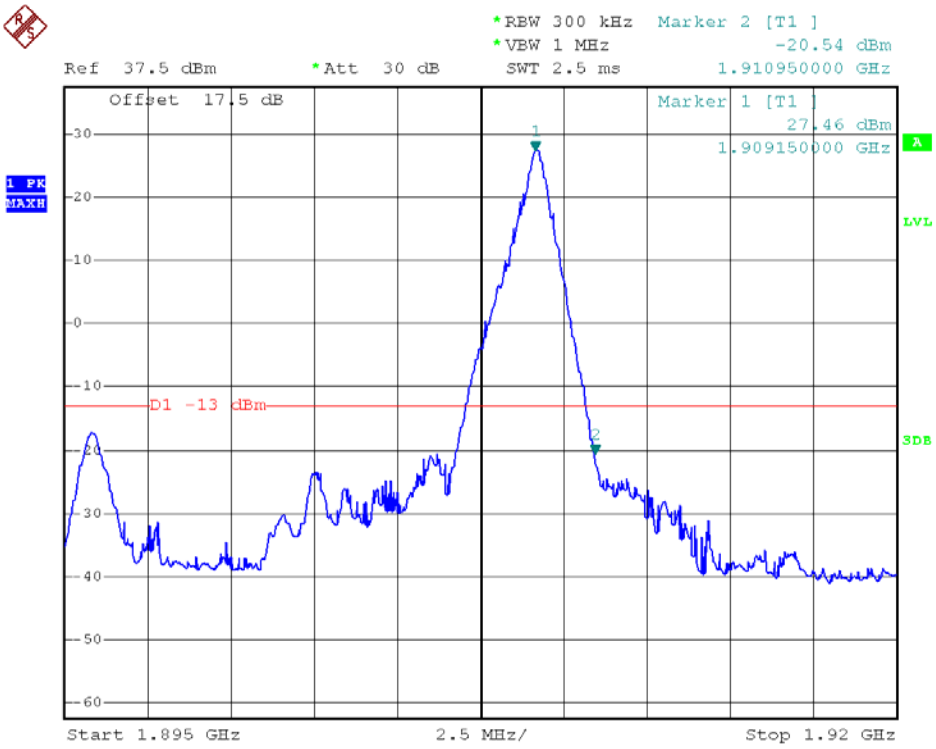
| Band | LTE Band 2 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 15MHz | | |



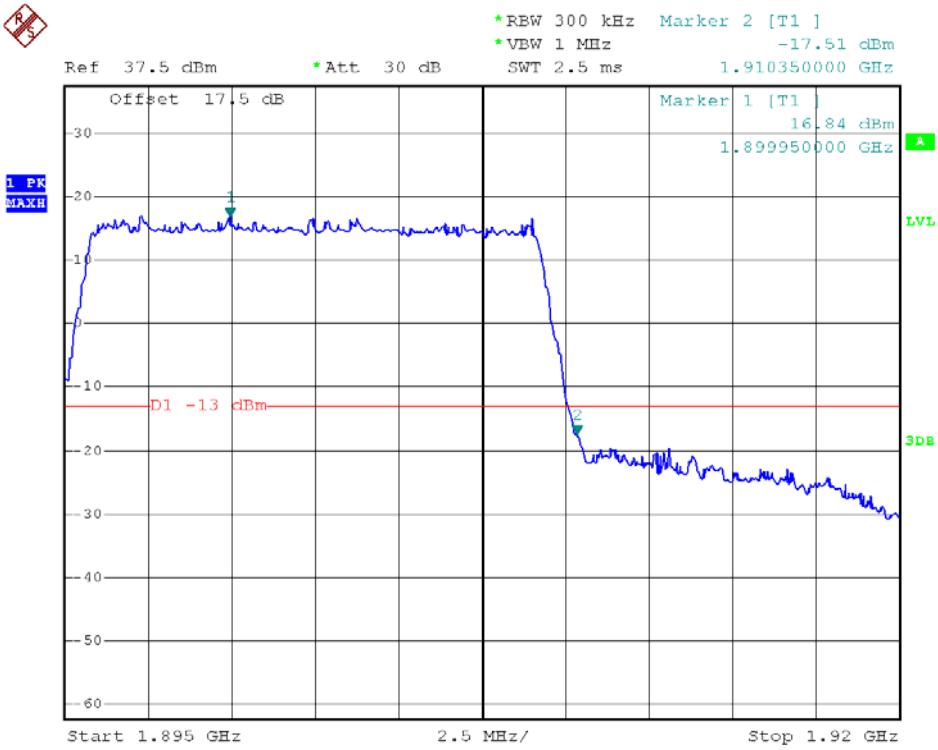

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM-RB Size 75, RB Offset 0

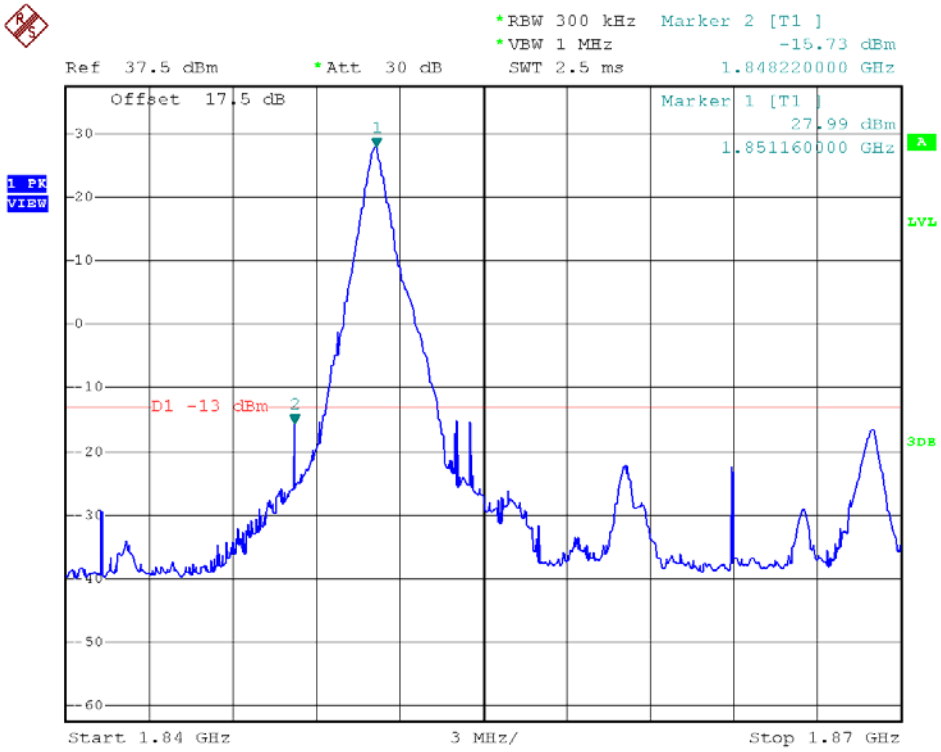



Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 74

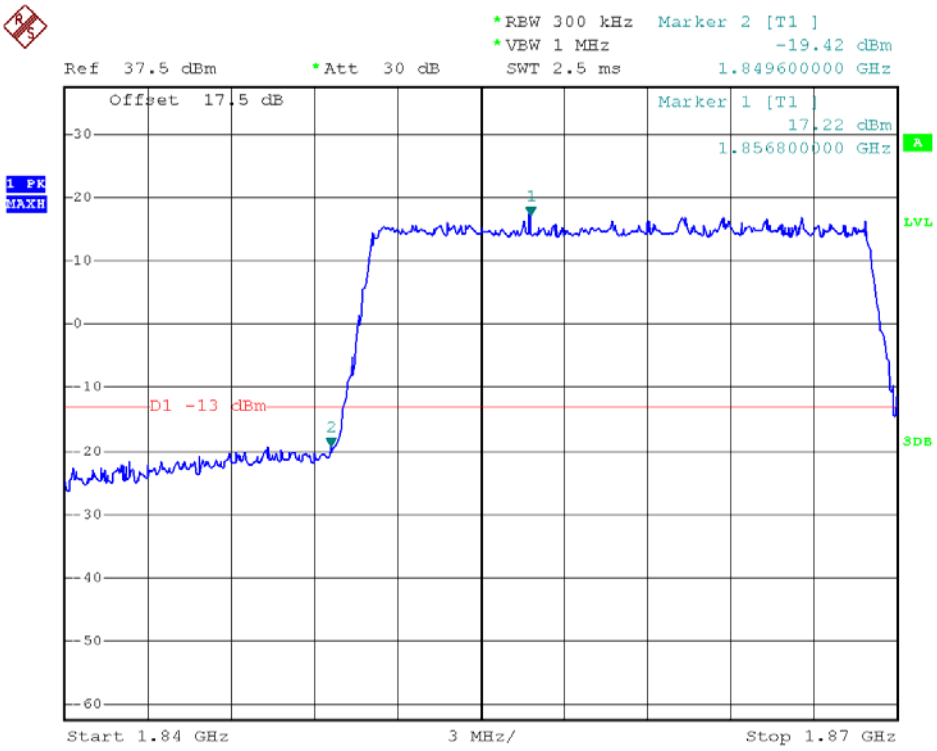



Higher Band Edge Plot for 16QAM-RB Size 75, RB Offset 0

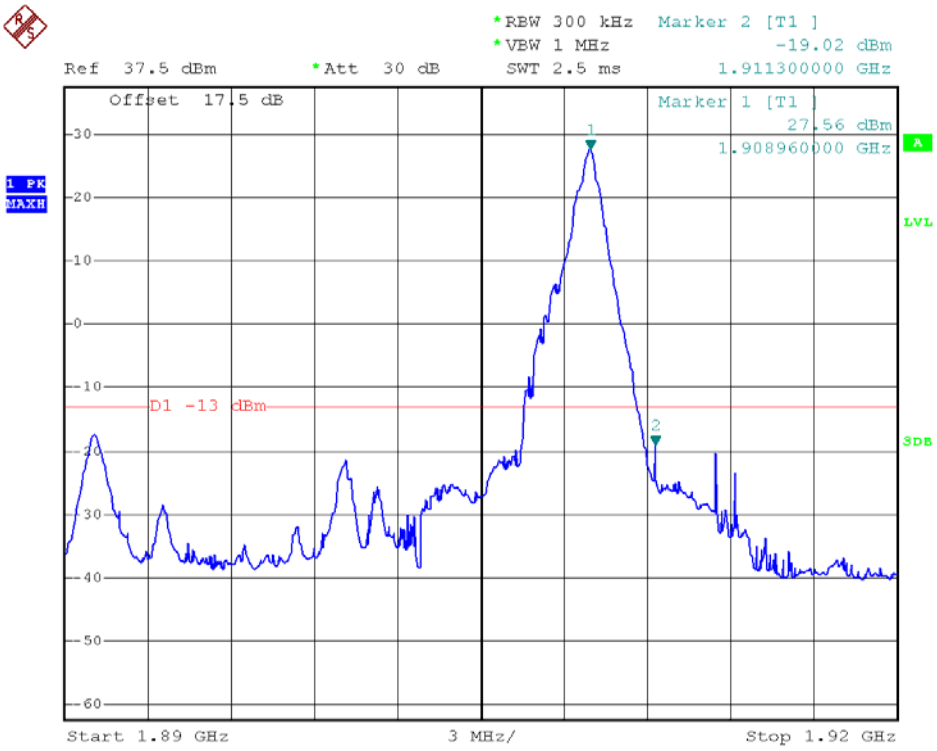
| Band | LTE Band 2 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 20MHz | | |



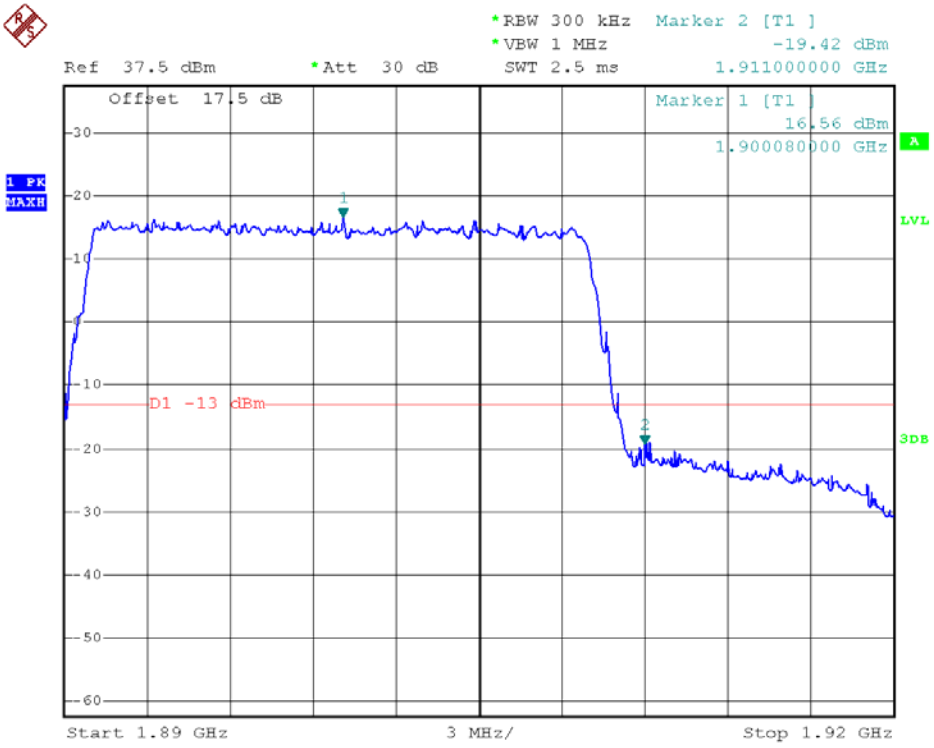

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 100, RB Offset 0

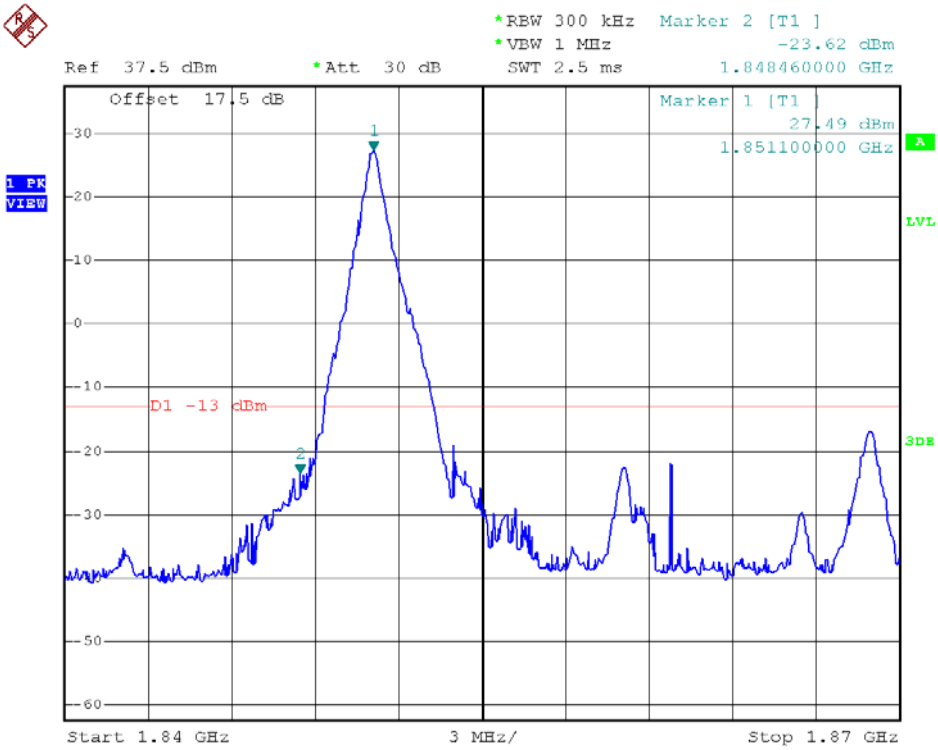



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 99

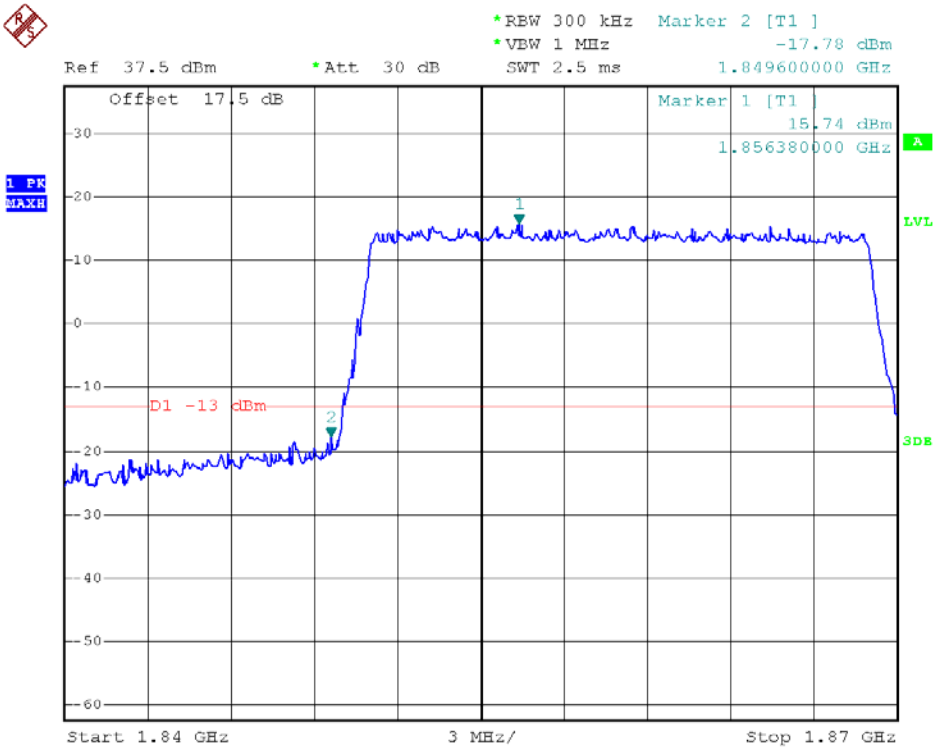



Higher Band Edge Plot for QPSK-RB Size 100, RB Offset 0

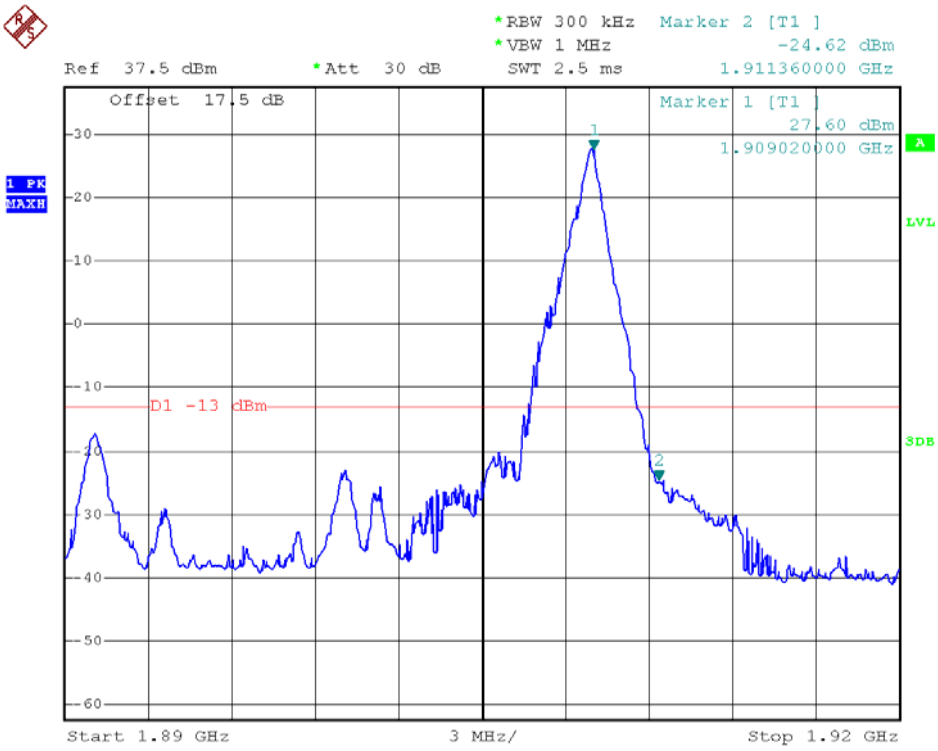
| Band | LTE Band 2 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 20MHz | | |



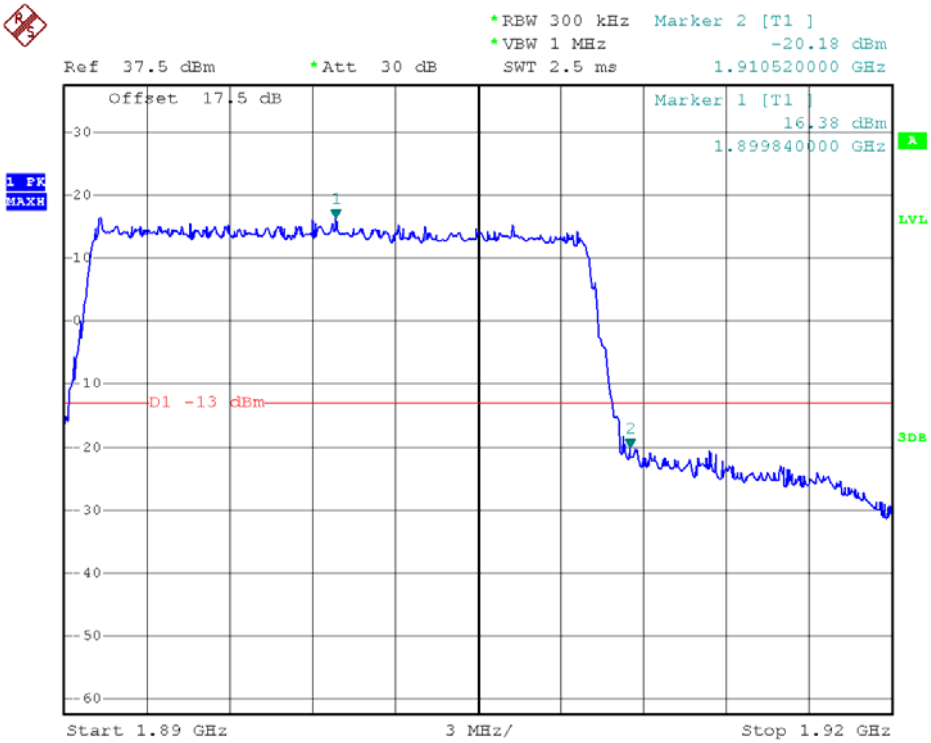

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM-RB Size 100, RB Offset 0

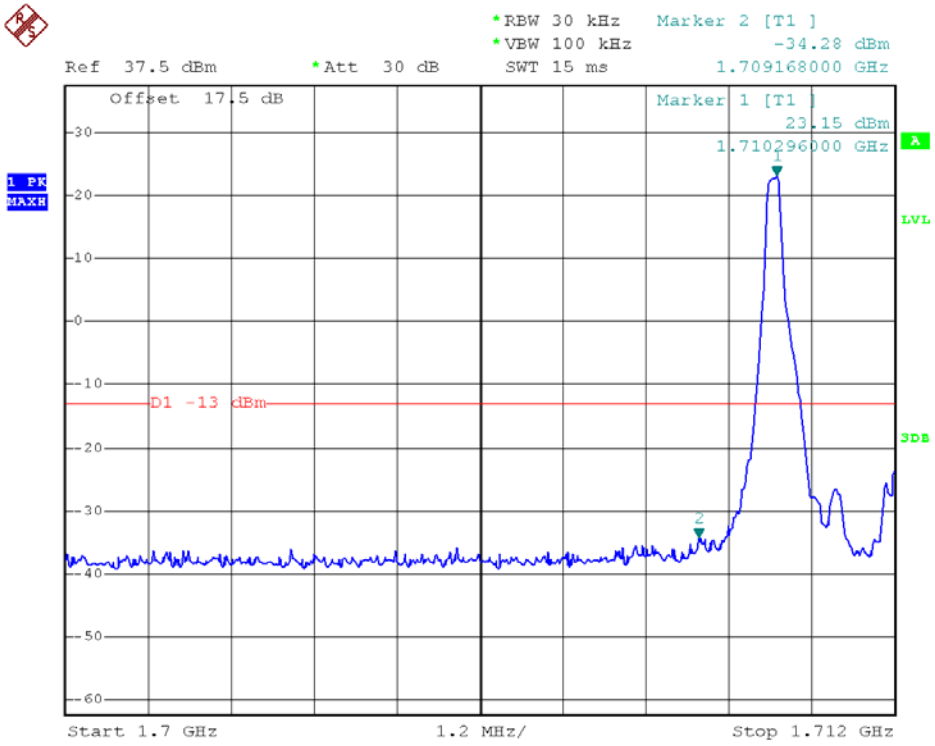



Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 99

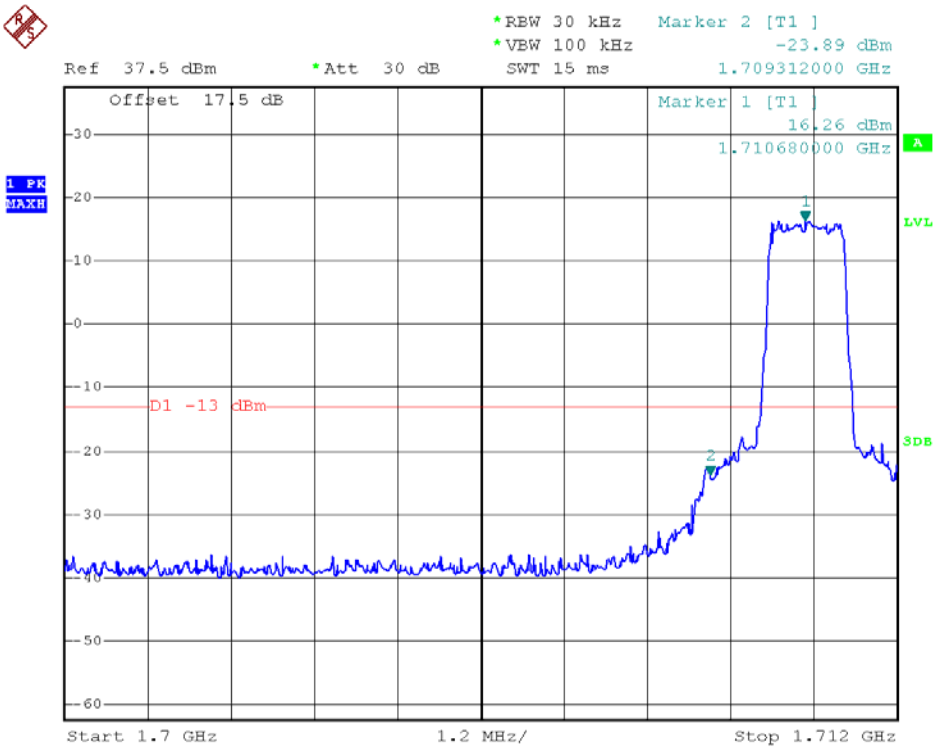



Higher Band Edge Plot for 16QAM-RB Size 100, RB Offset 0

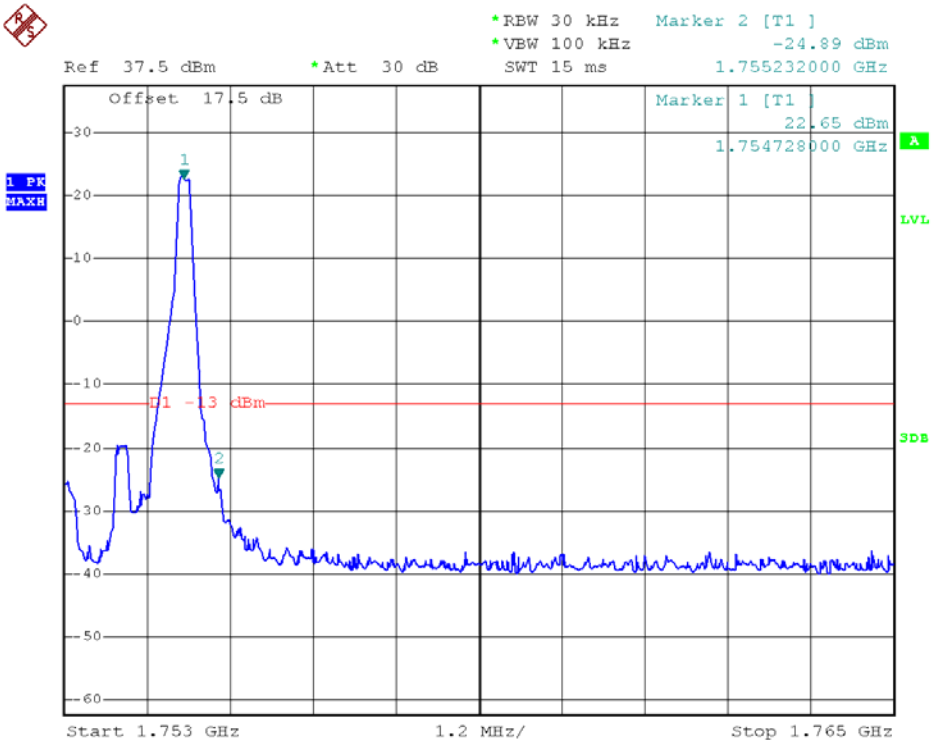
| Band | LTE Band 4 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 1.4MHz | | |



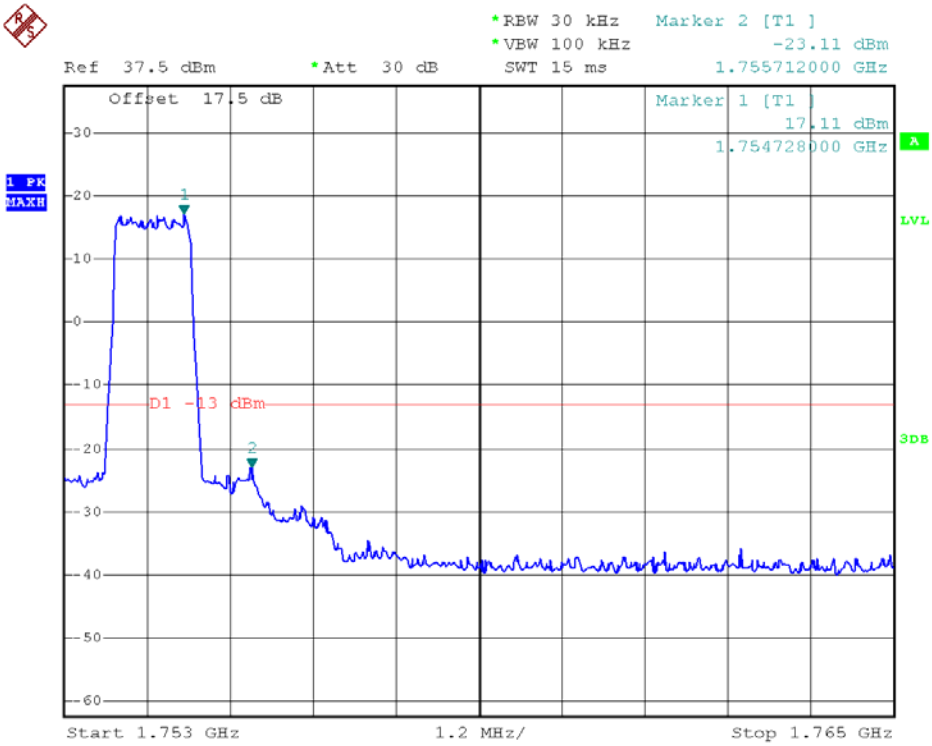

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 6, RB Offset 0

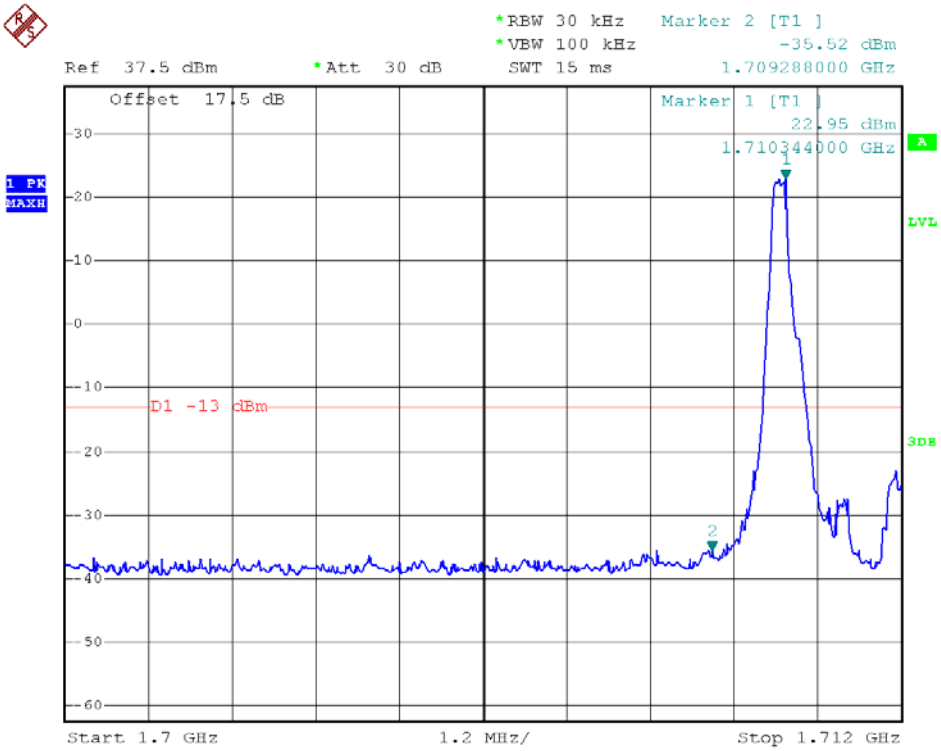



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 5

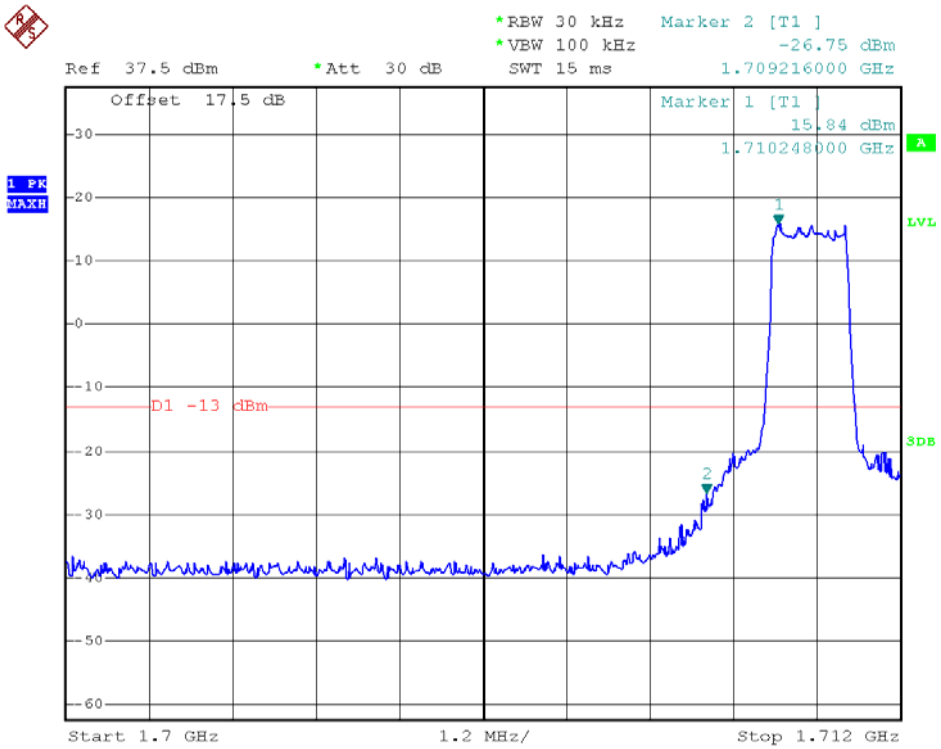



Higher Band Edge Plot for QPSK-RB Size 6, RB Offset 0

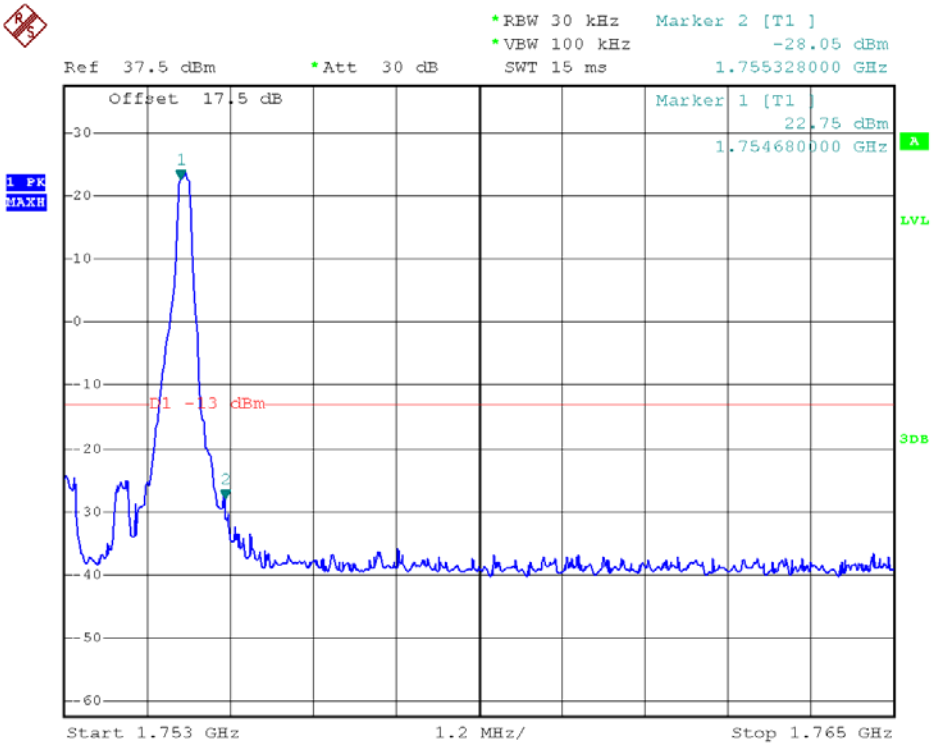
| Band | LTE Band 4 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 1.4MHz | | |



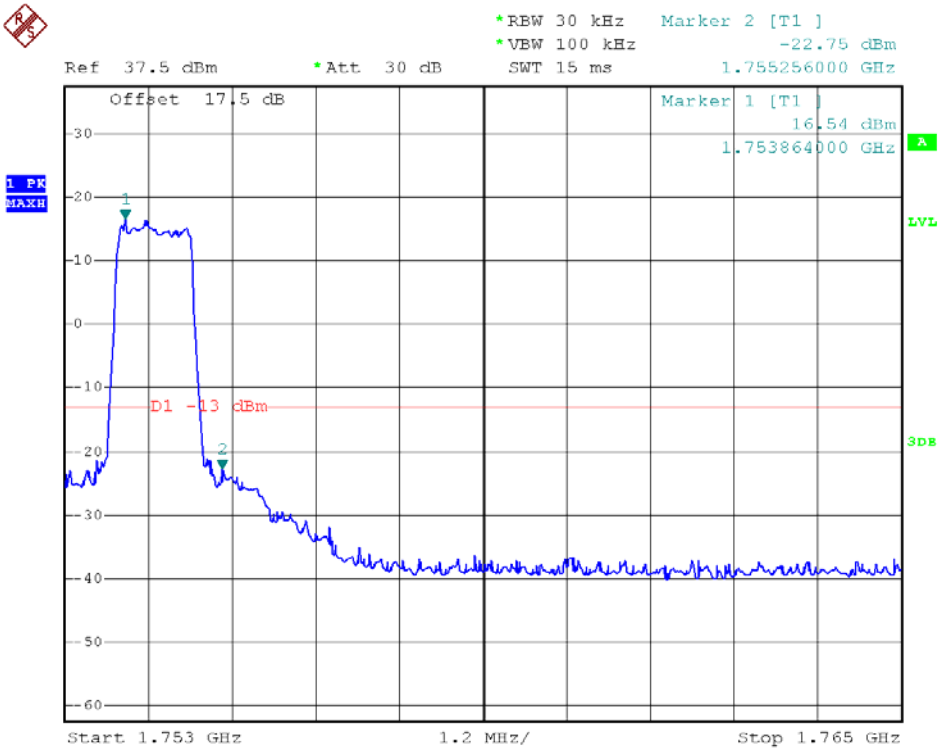

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM -RB Size 6, RB Offset 0

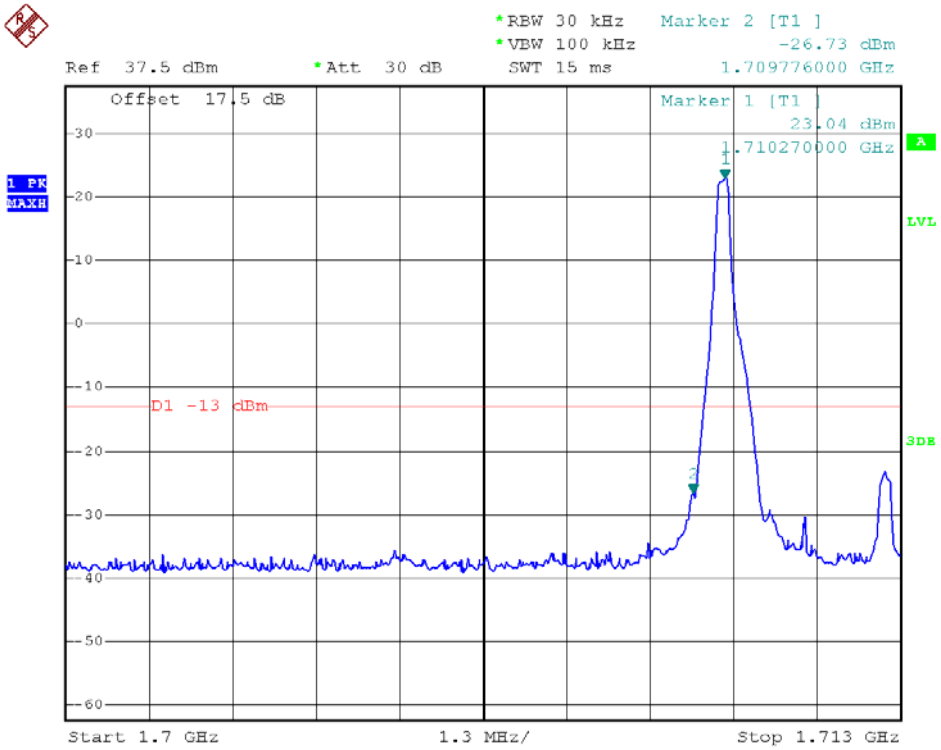



Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 5

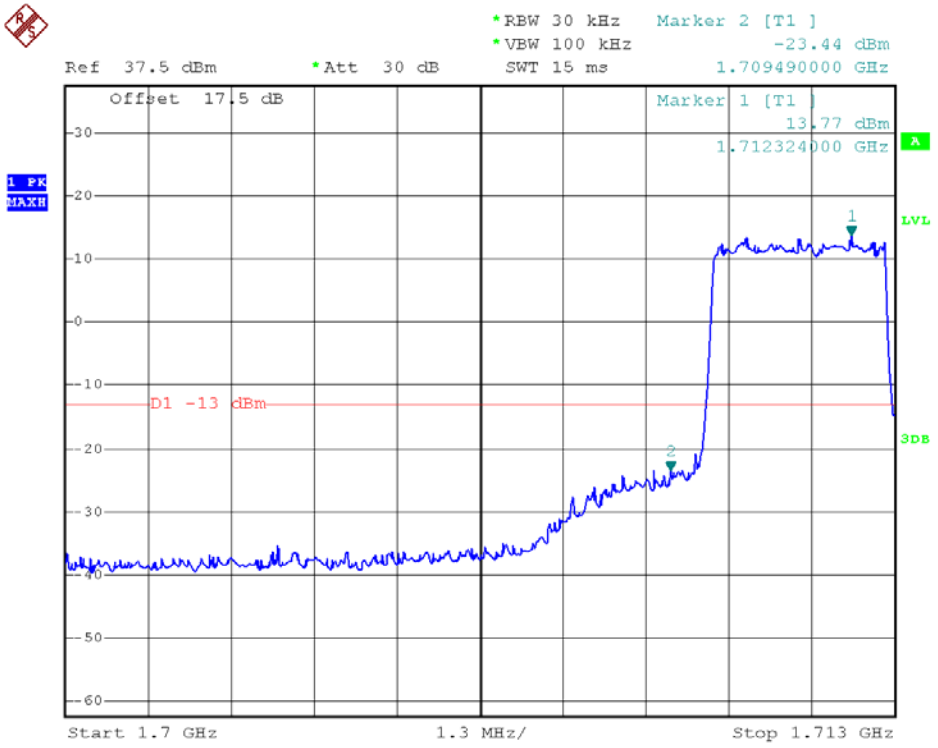



Higher Band Edge Plot for 16QAM -RB Size 6, RB Offset 0

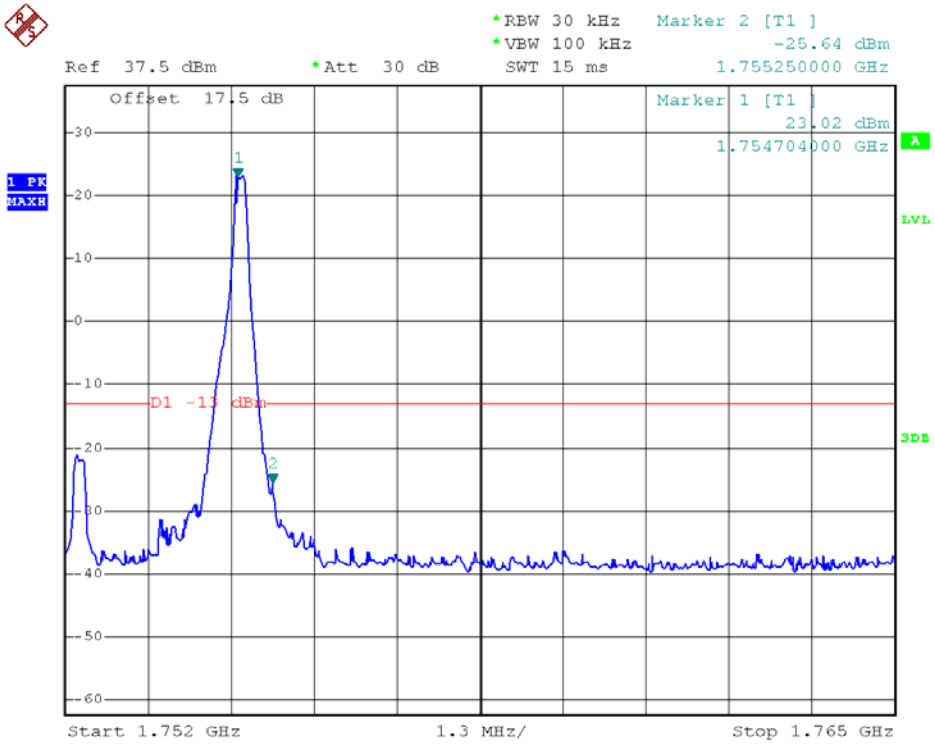
| Band | LTE Band 4 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 3MHz | | |



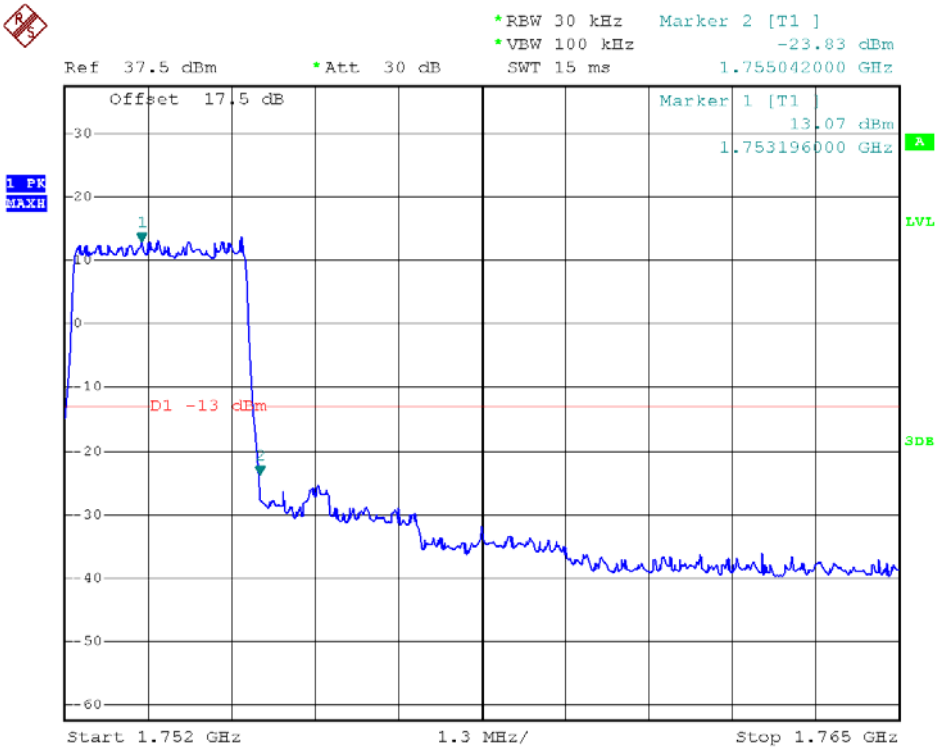

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 15, RB Offset 0

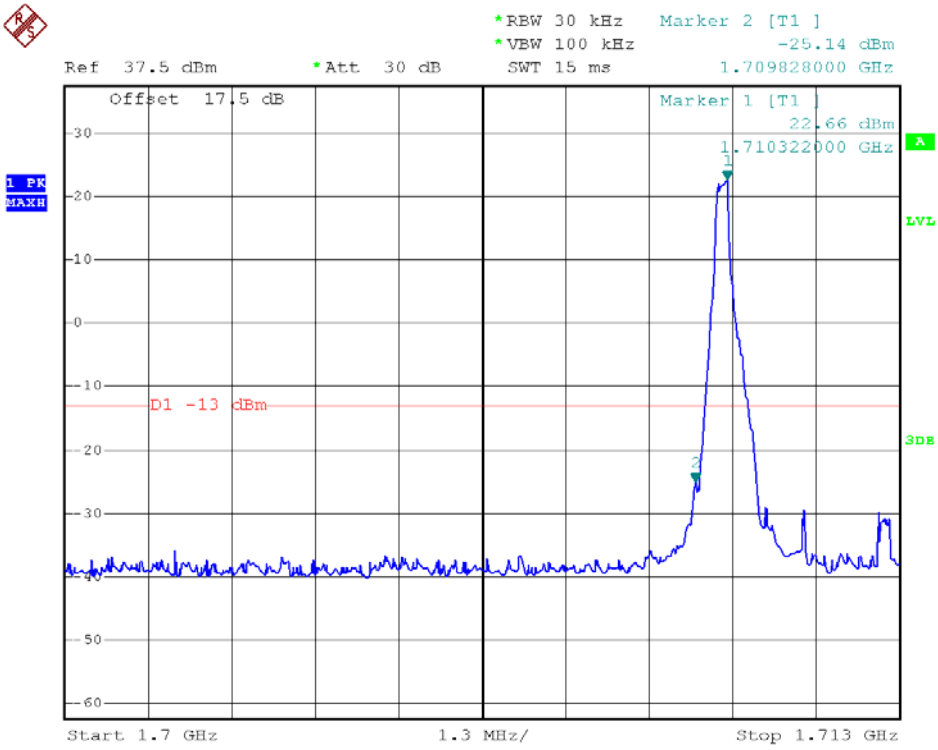



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 14

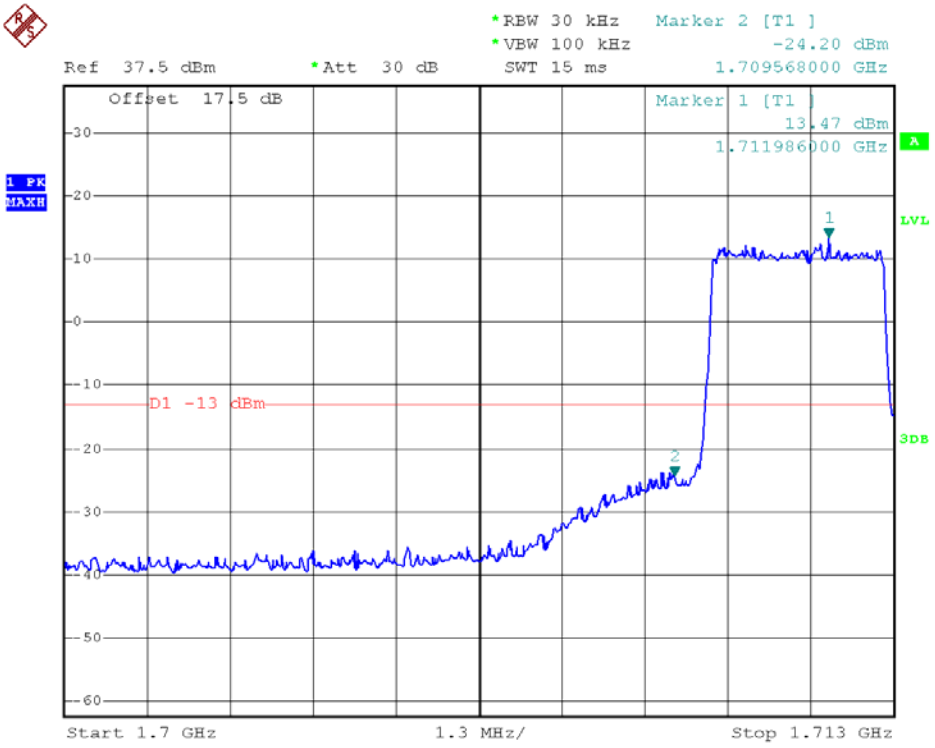



Higher Band Edge Plot for QPSK-RB Size 15, RB Offset 0

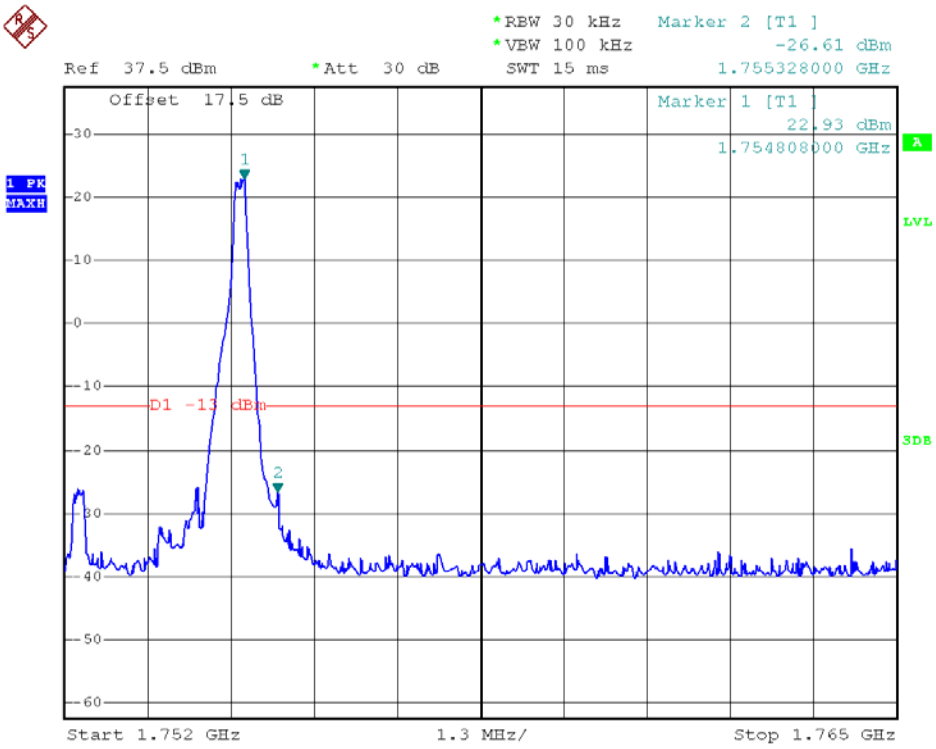
| Band | LTE Band 4 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 3MHz | | |



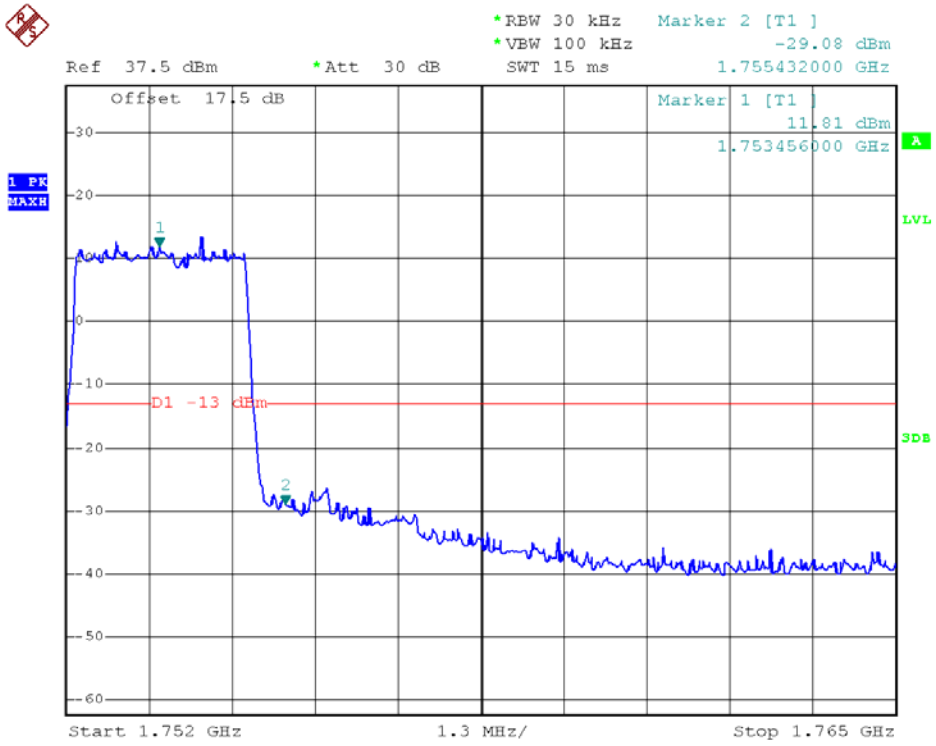

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM -RB Size 15, RB Offset 0

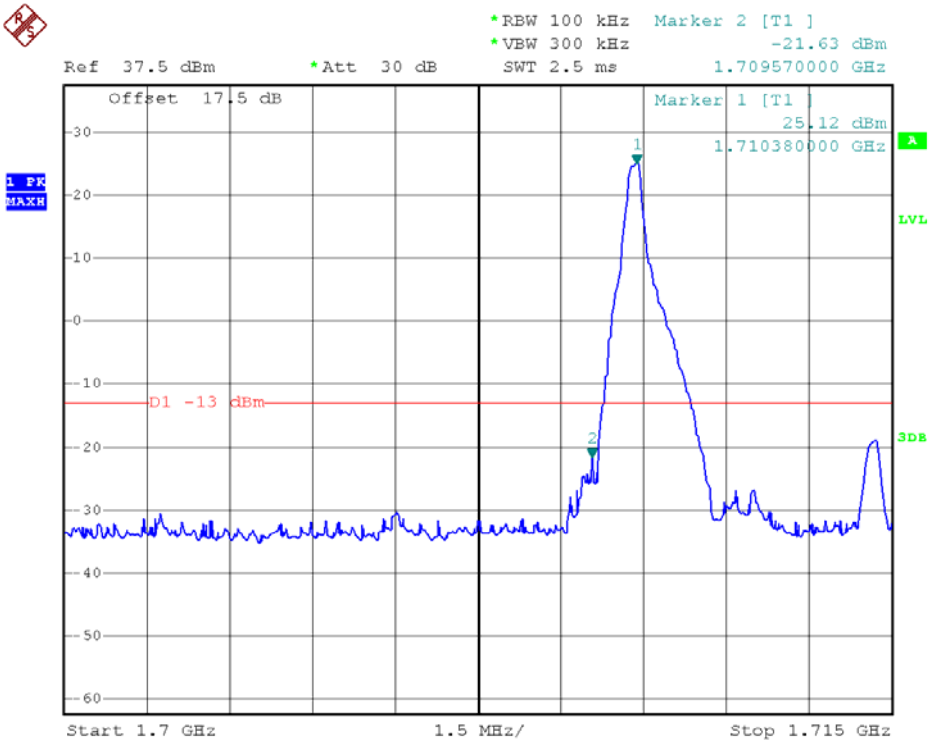



Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 14

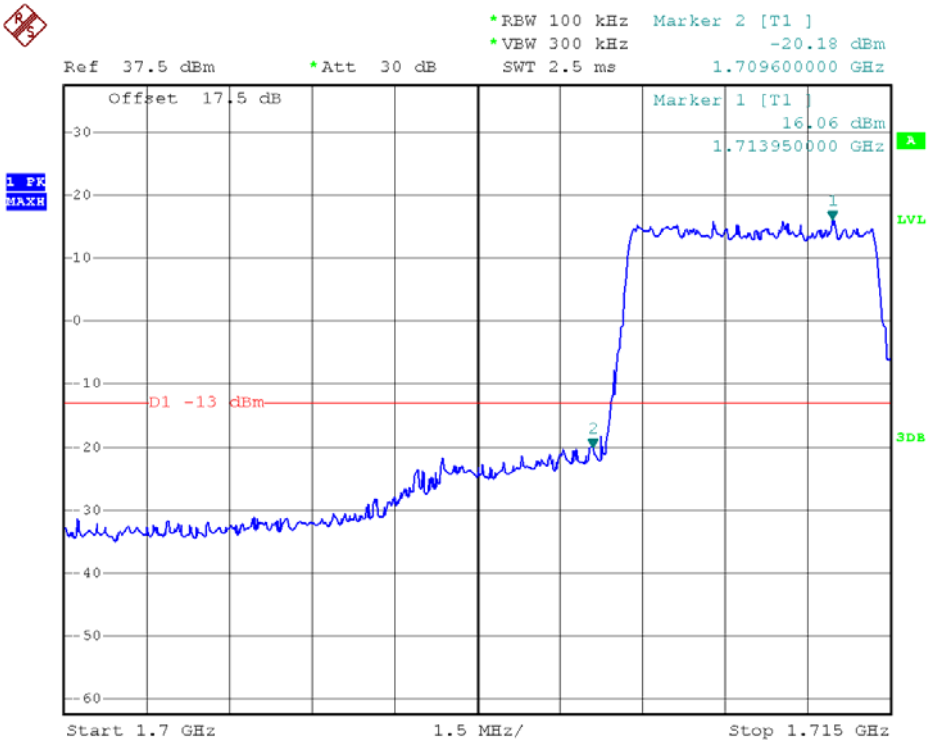



Higher Band Edge Plot for 16QAM -RB Size 15, RB Offset 0

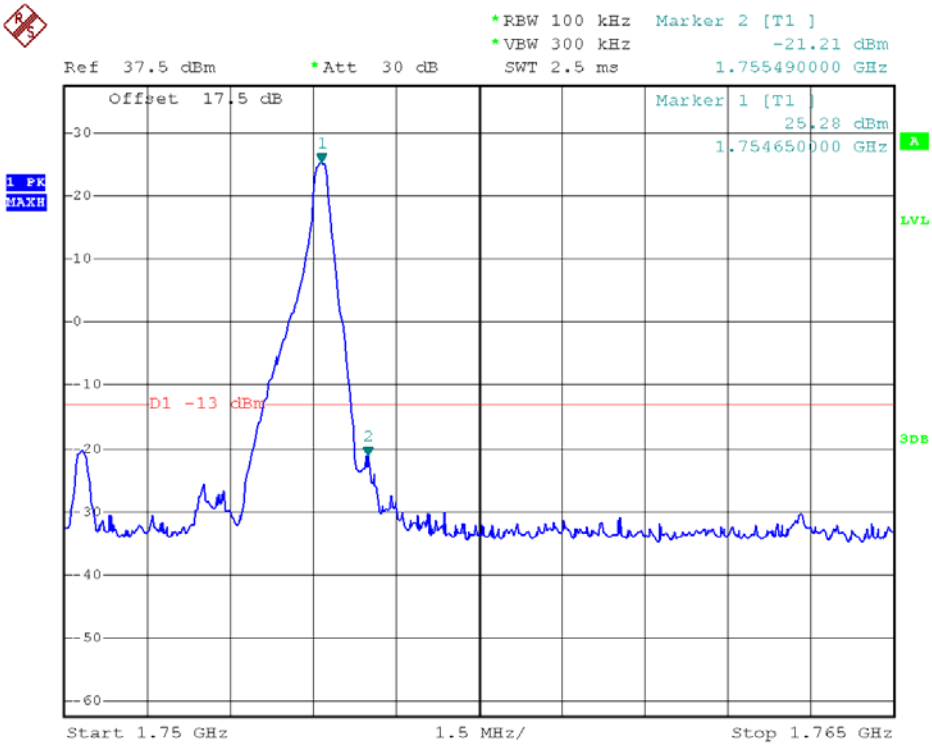
| Band | LTE Band 4 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 5MHz | | |



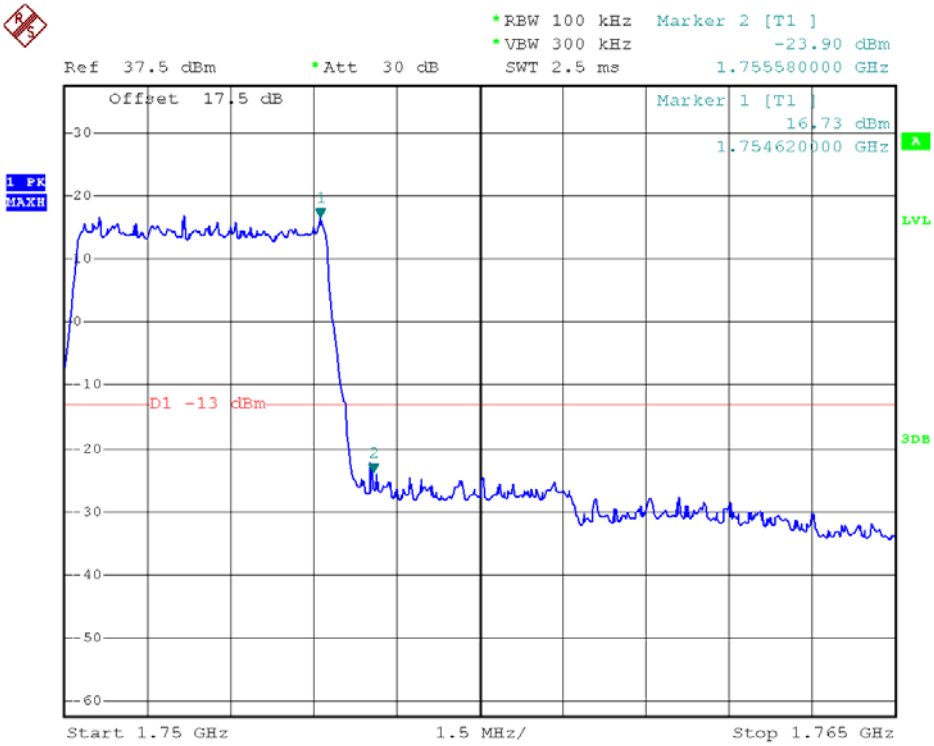

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0

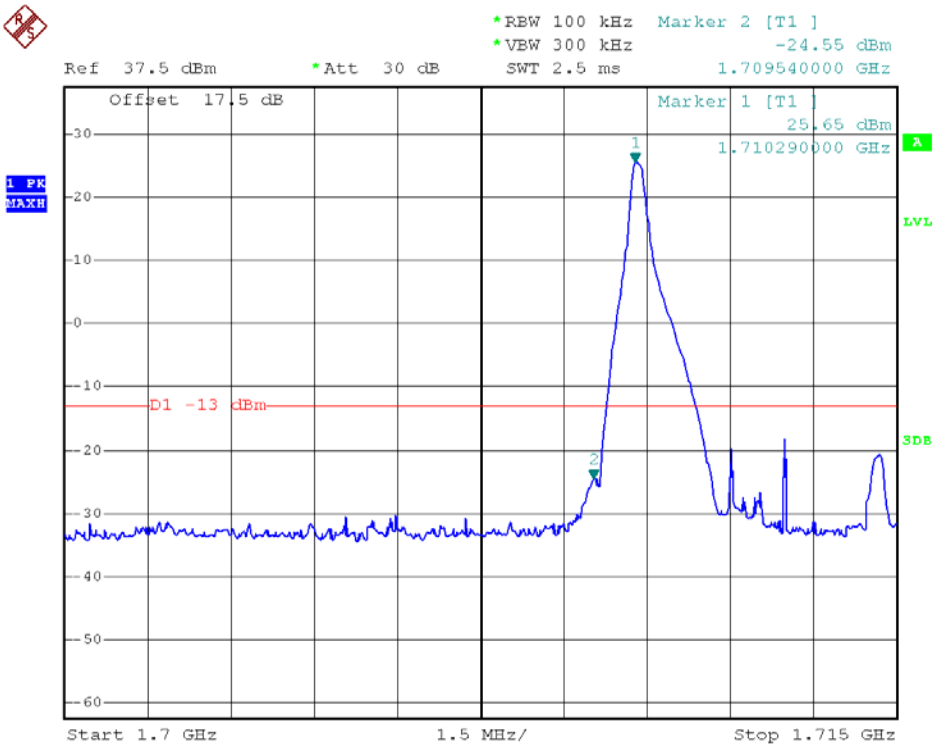



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 24

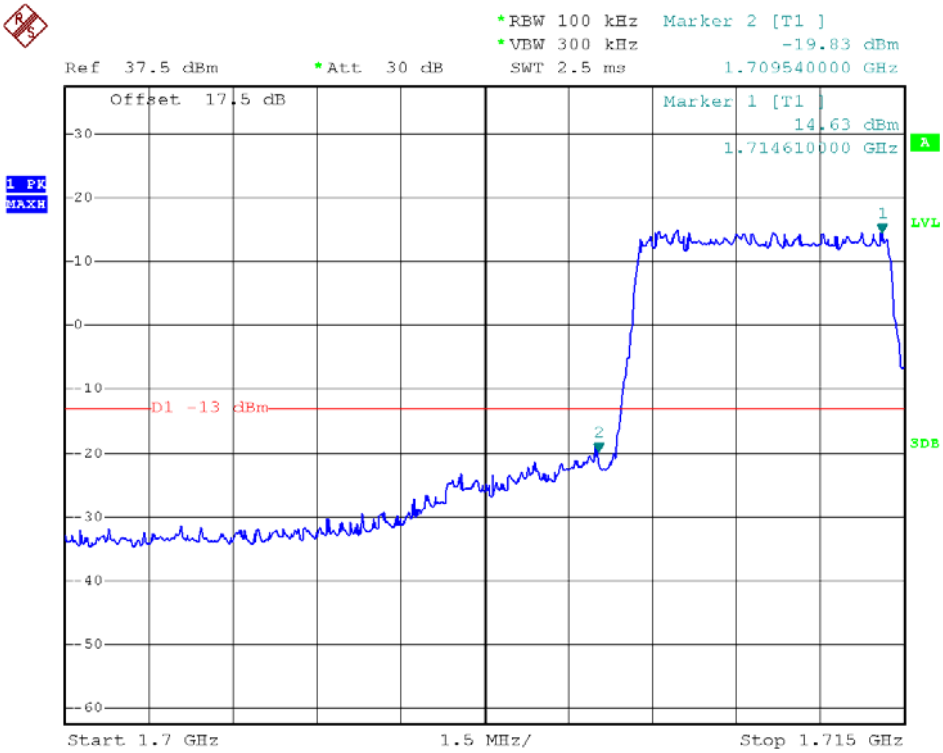



Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0

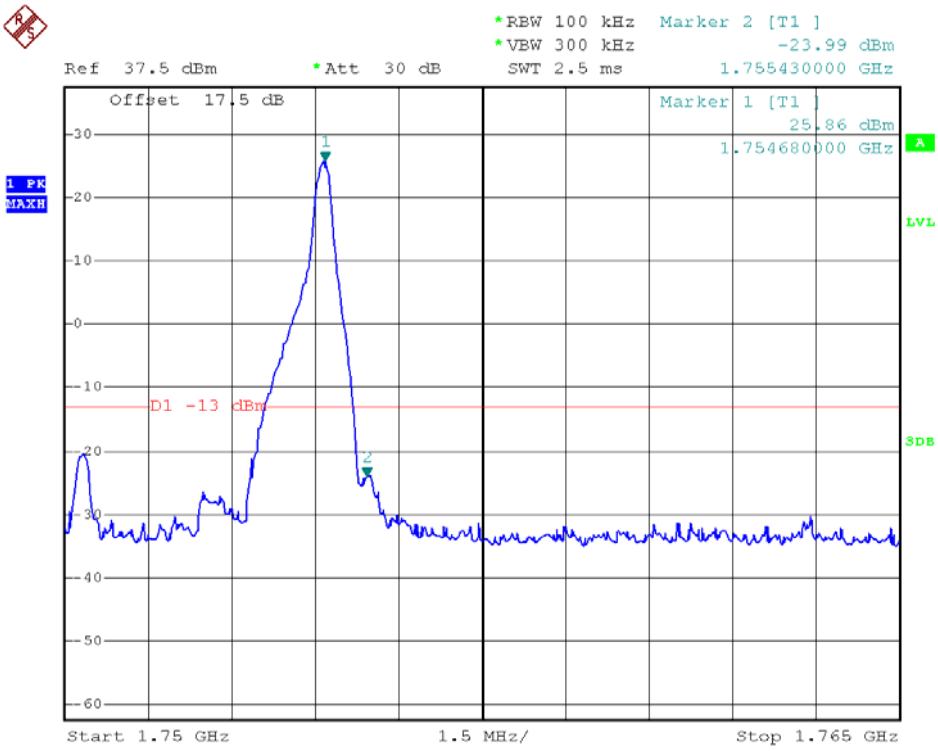
| Band | LTE Band 4 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 5MHz | | |



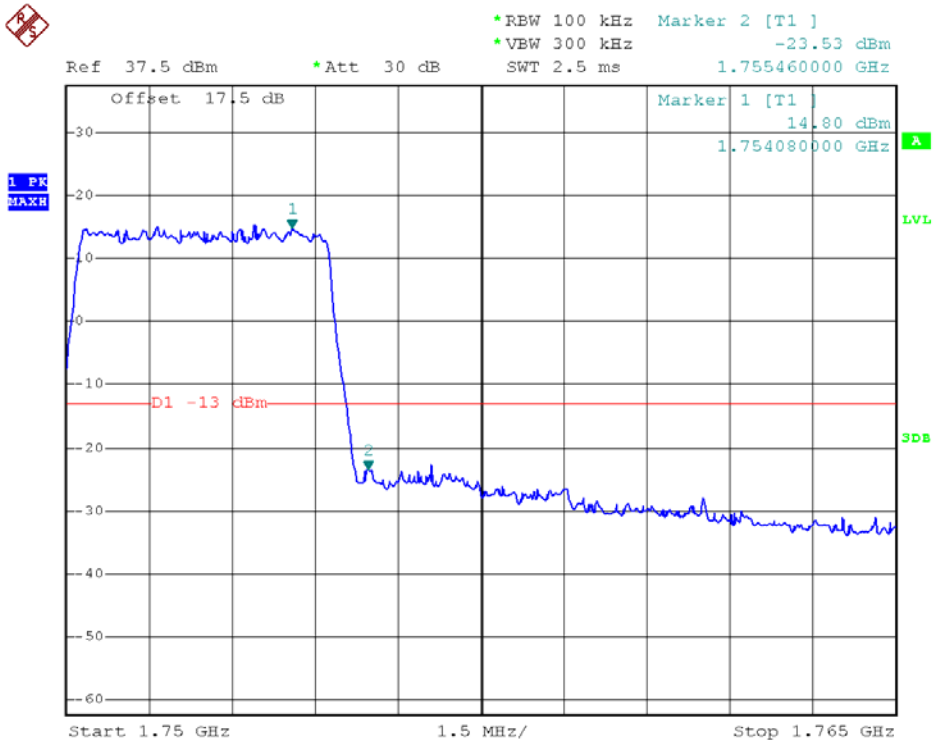

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM -RB Size 25, RB Offset 0

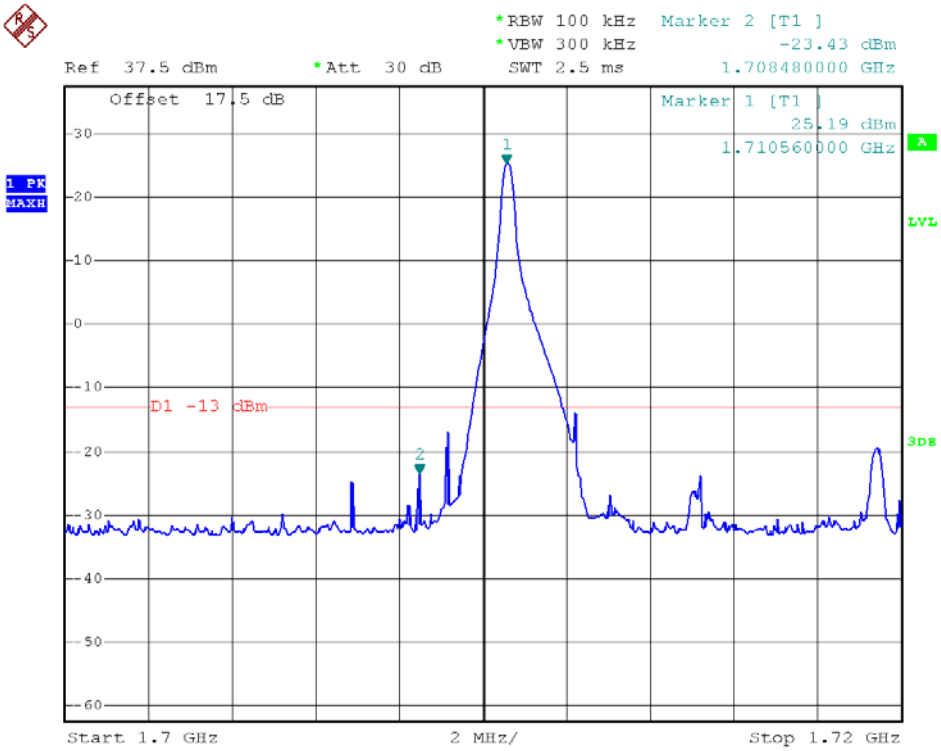



Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 24

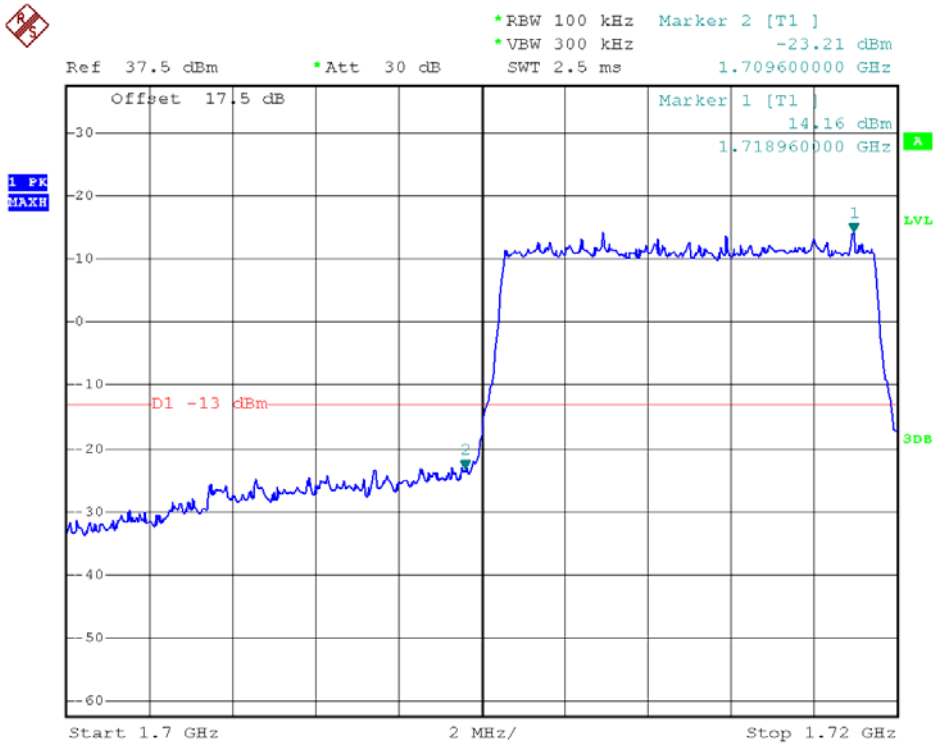



Higher Band Edge Plot for 16QAM -RB Size 25, RB Offset 0

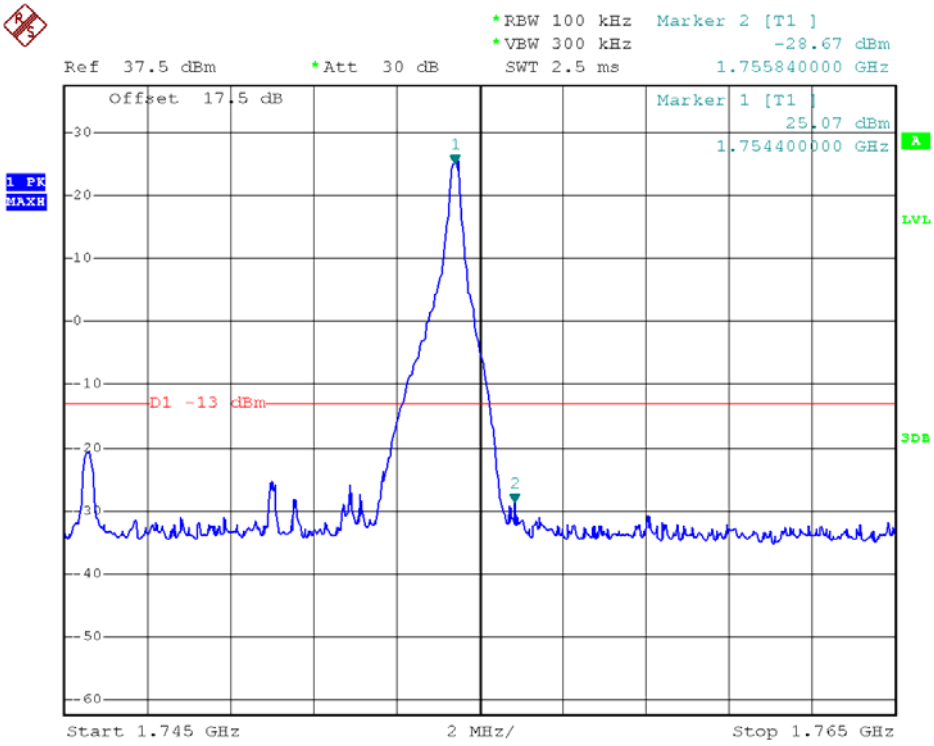
| Band | LTE Band 4 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 10MHz | | |



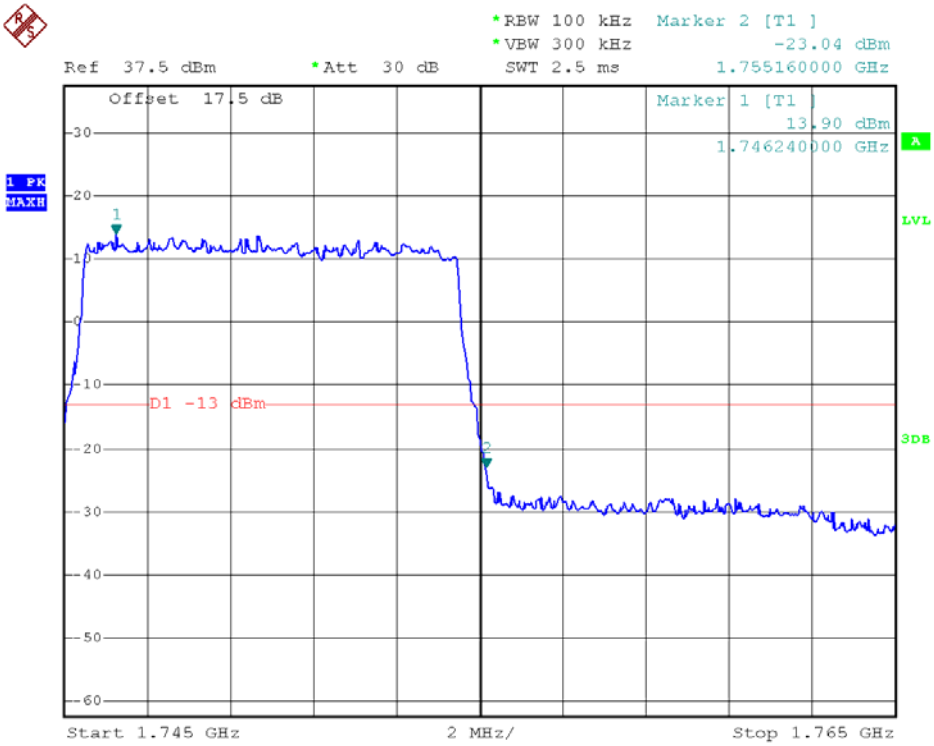

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0

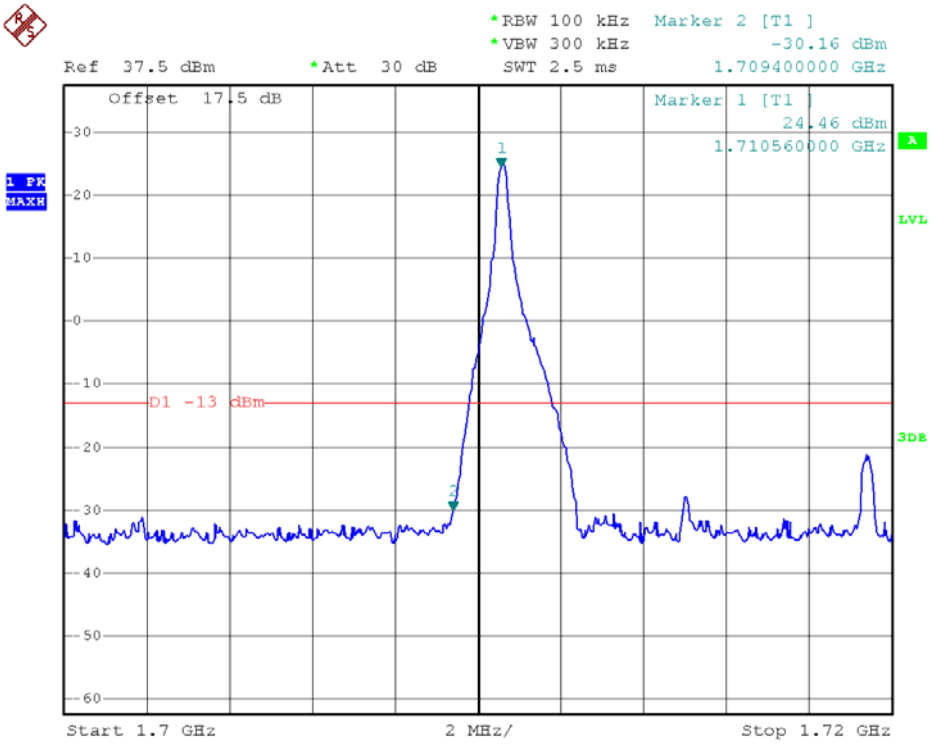



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 49

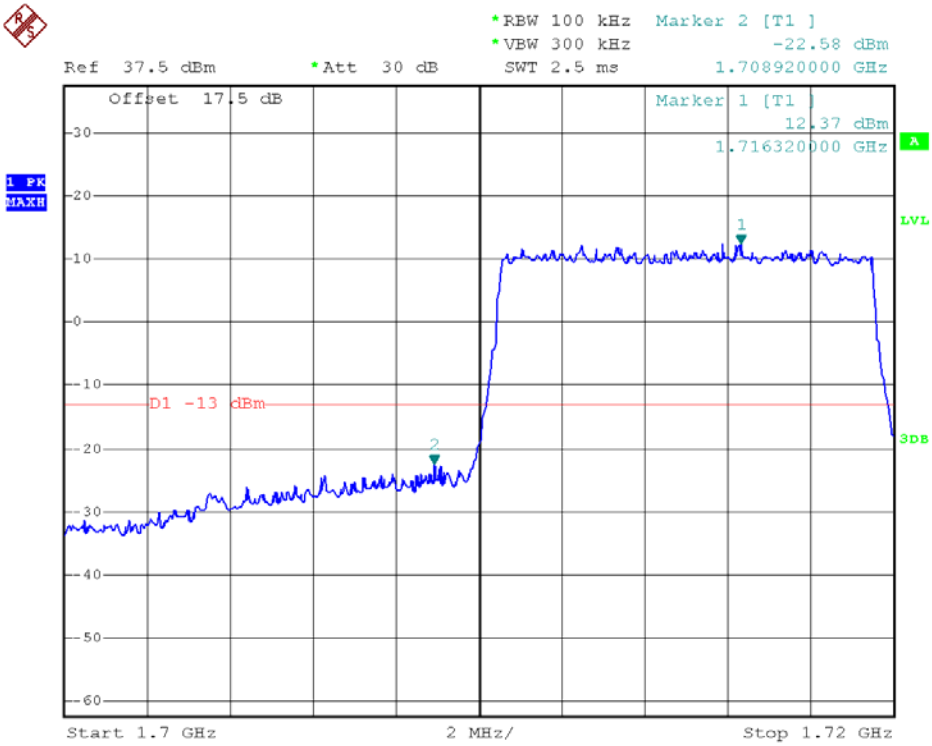



Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0

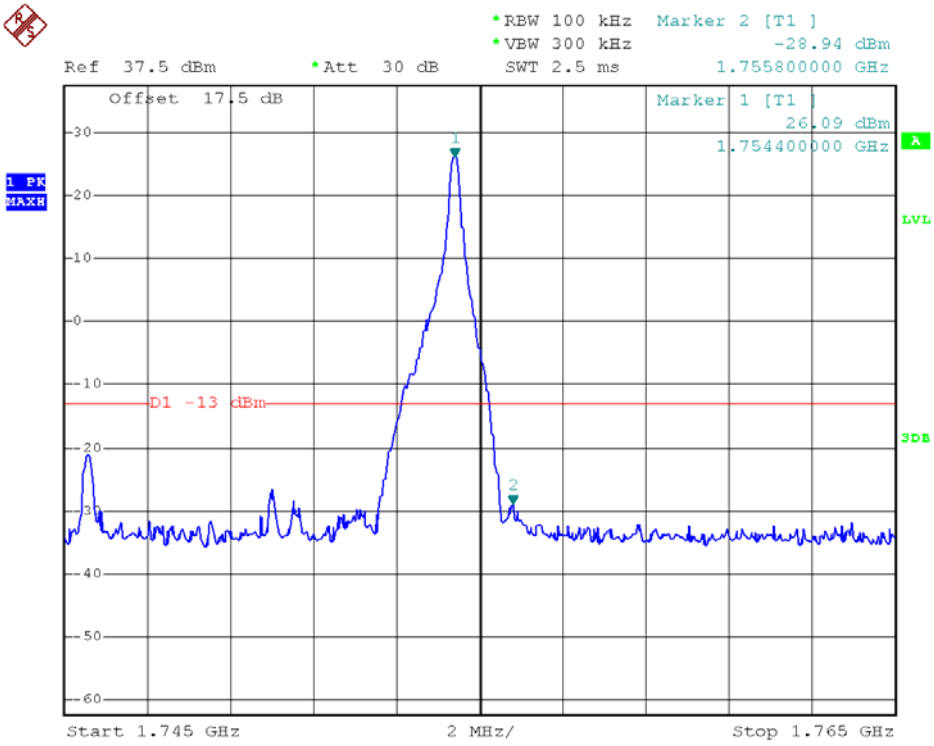
| Band | LTE Band 4 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 10MHz | | |



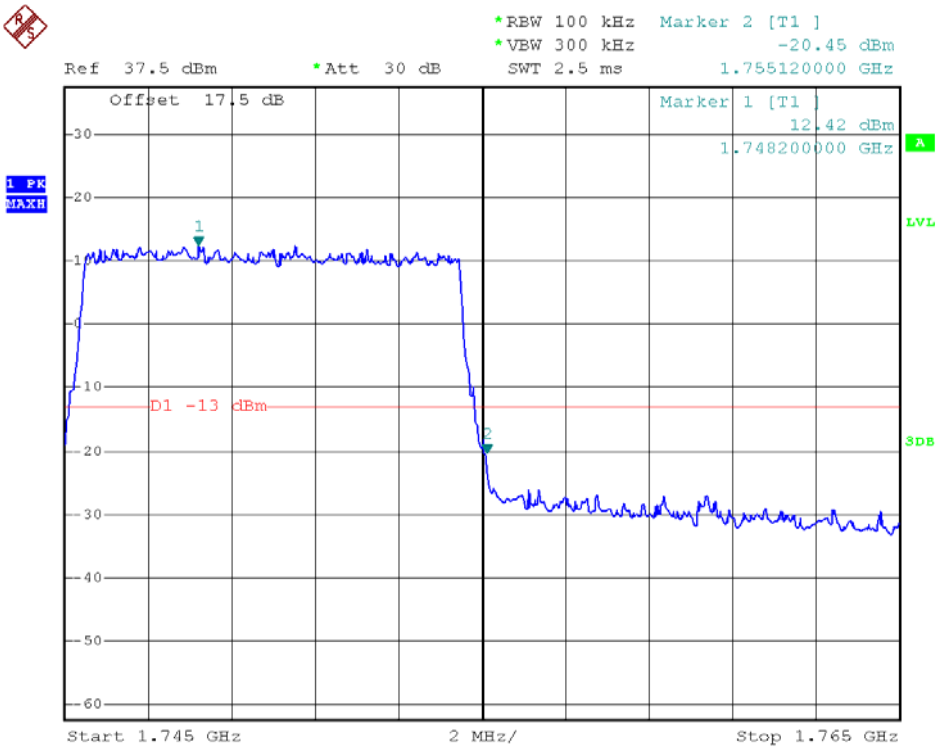

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM -RB Size 50, RB Offset 0

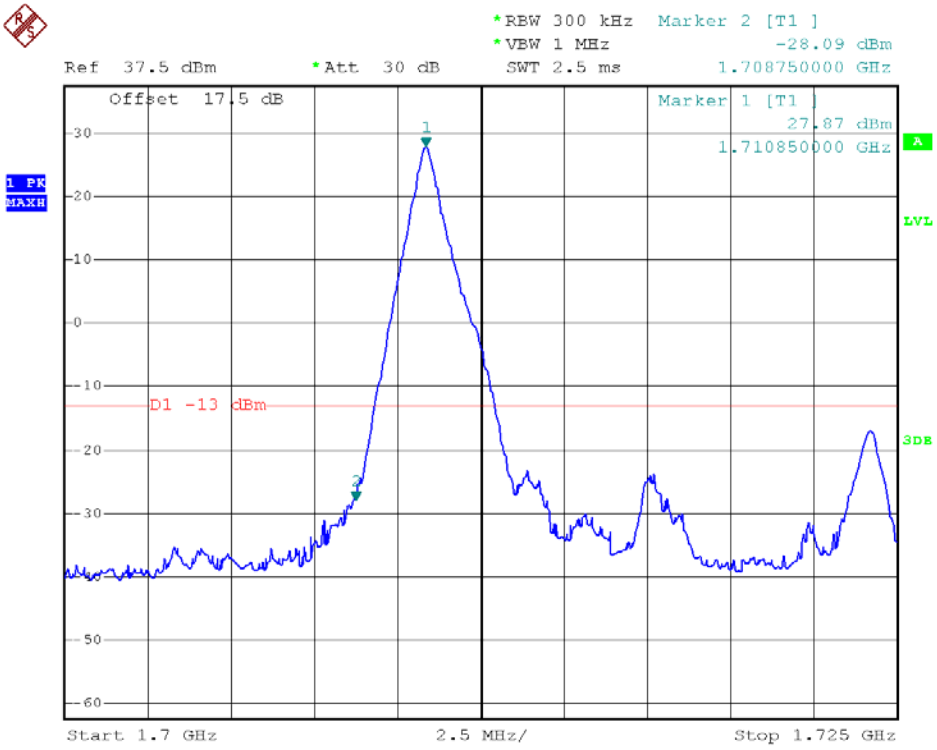



Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 49

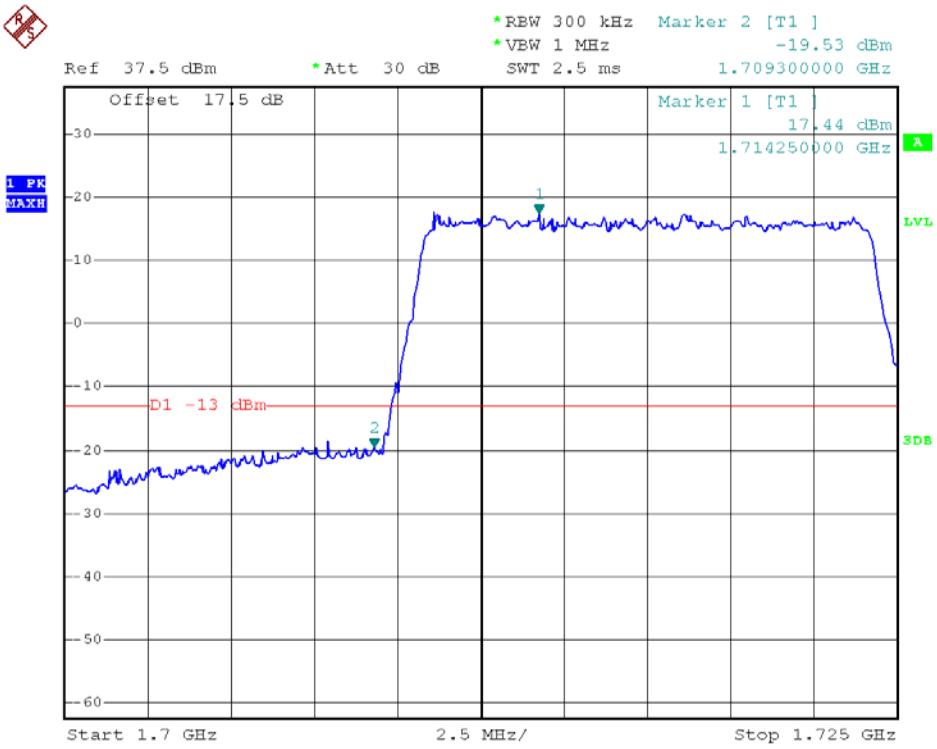



Higher Band Edge Plot for 16QAM -RB Size 50, RB Offset 0

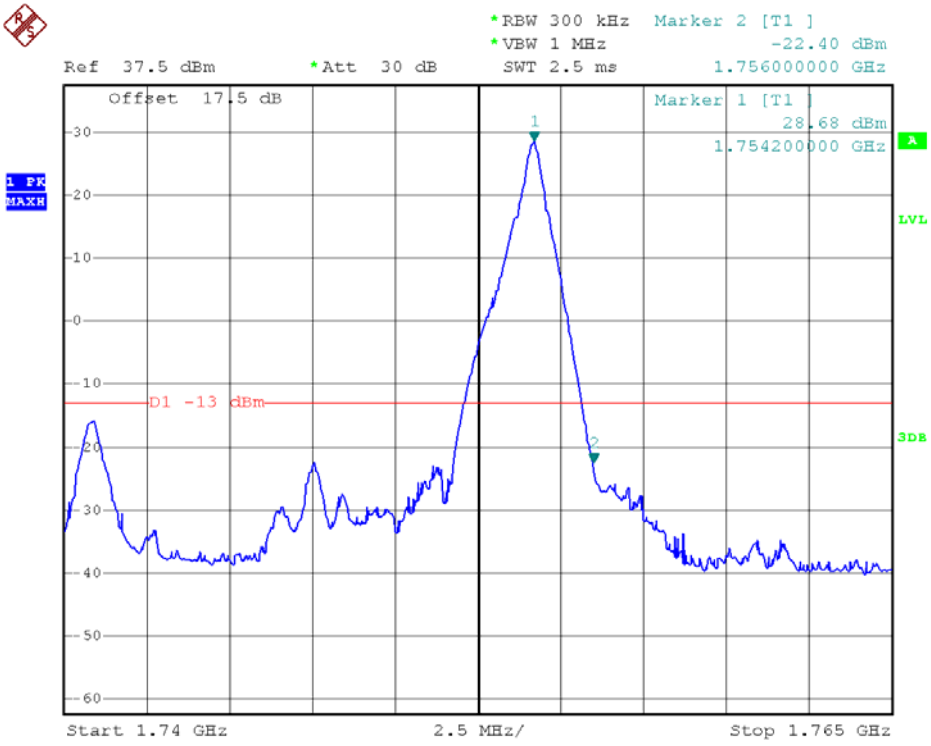
| Band | LTE Band 4 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 15MHz | | |



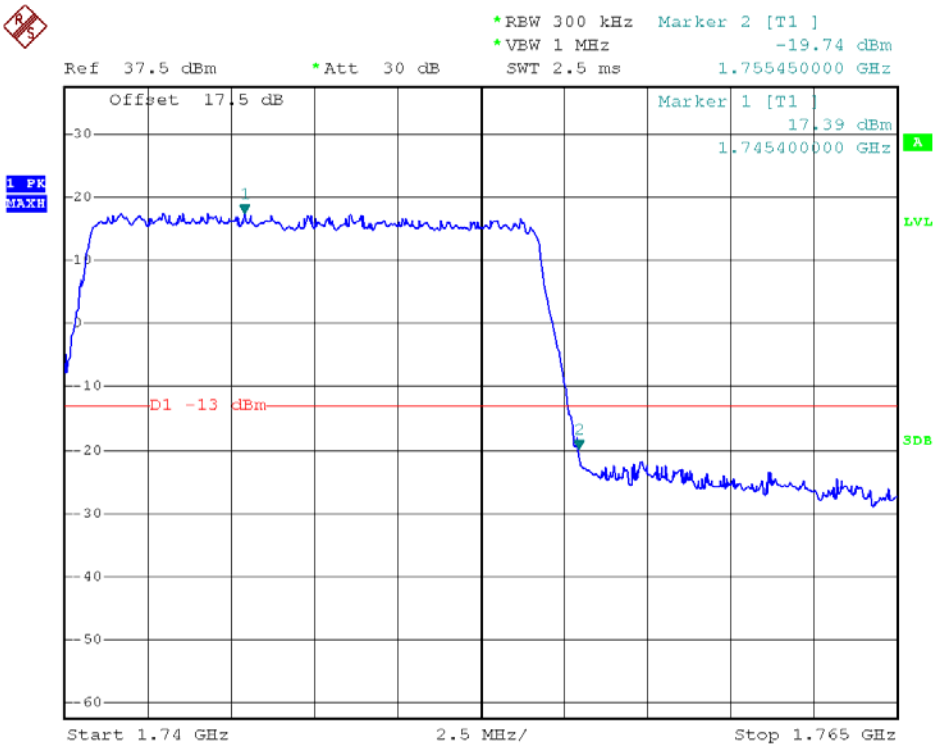

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 75, RB Offset 0

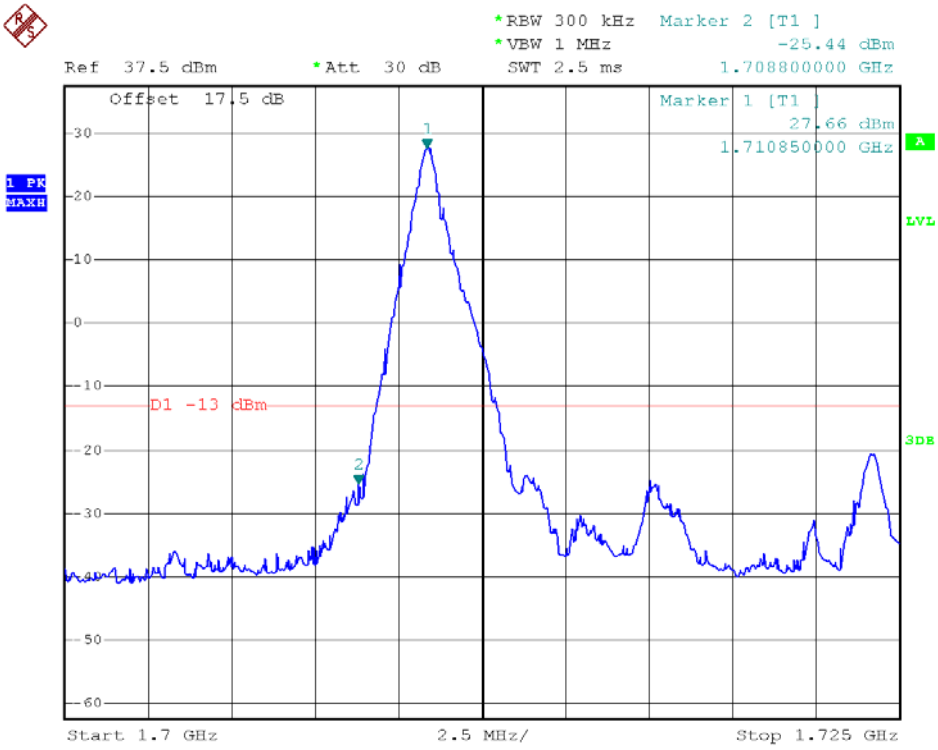



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 74

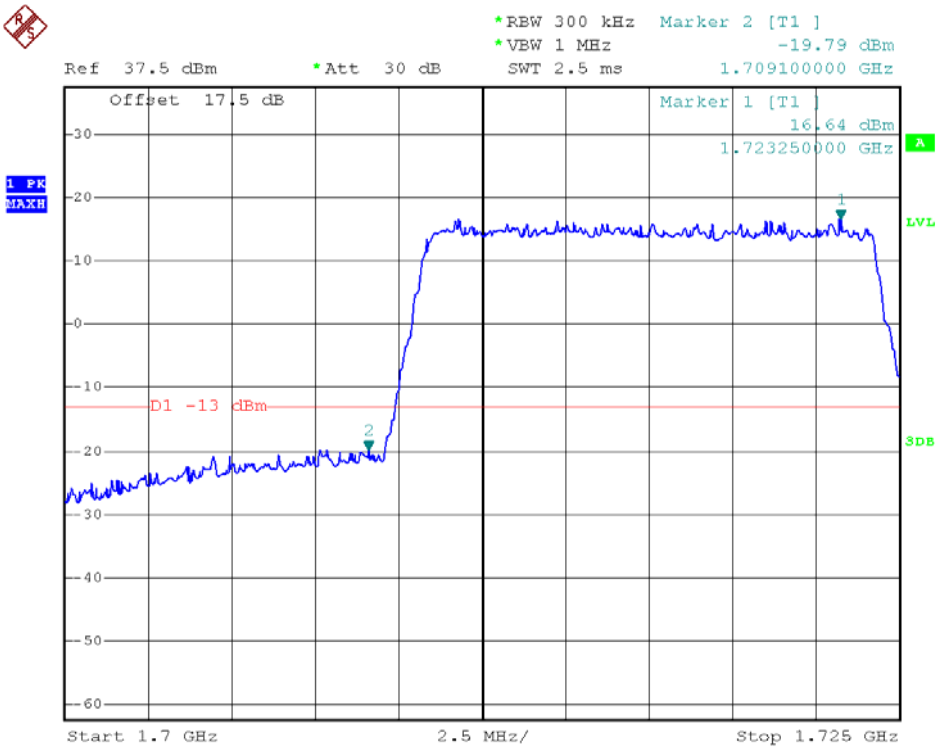



Higher Band Edge Plot for QPSK-RB Size 75, RB Offset 0

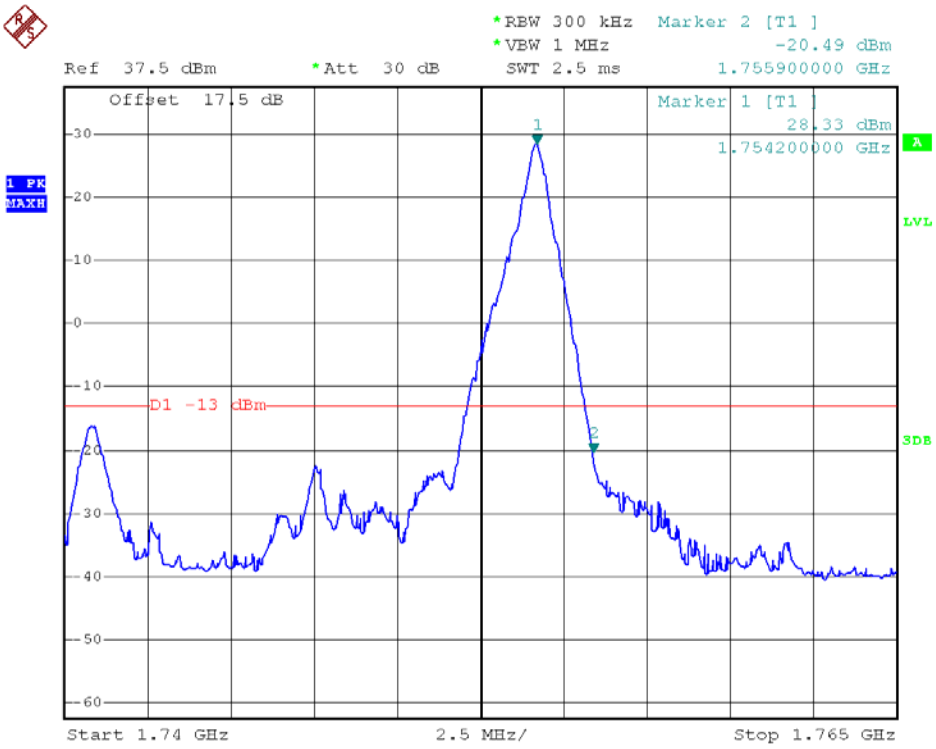
| Band | LTE Band 4 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 15MHz | | |



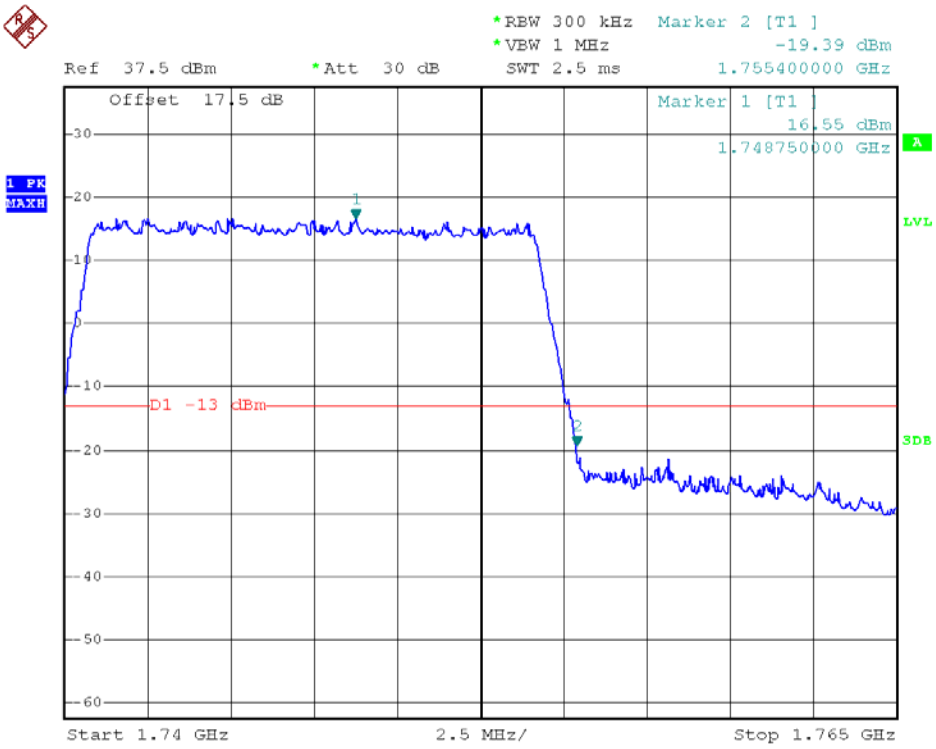

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM -RB Size 75, RB Offset 0

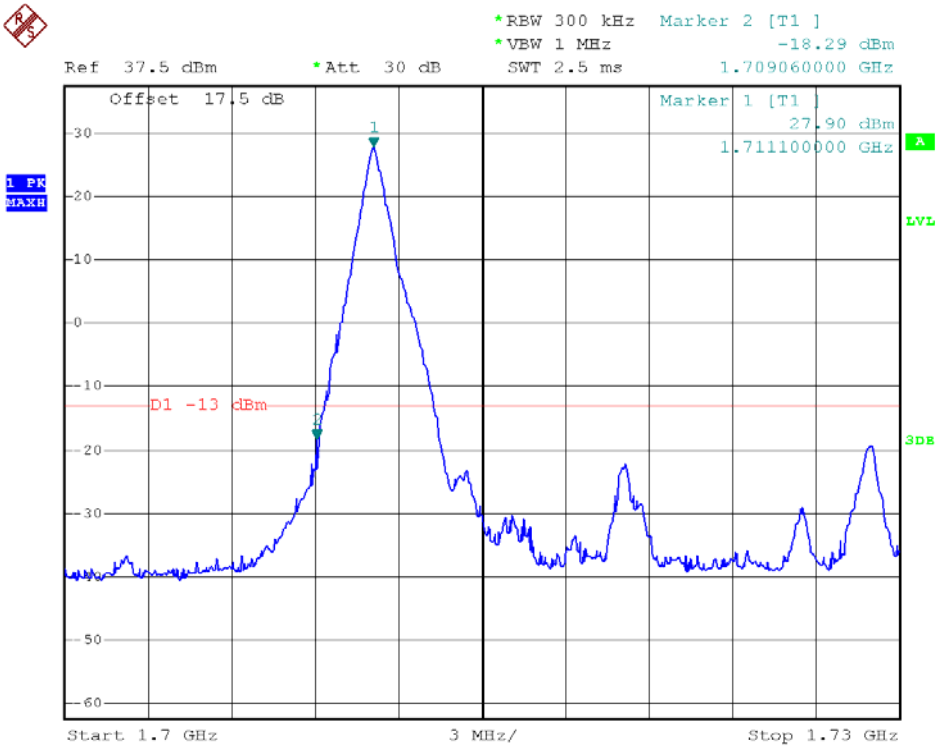



Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 74

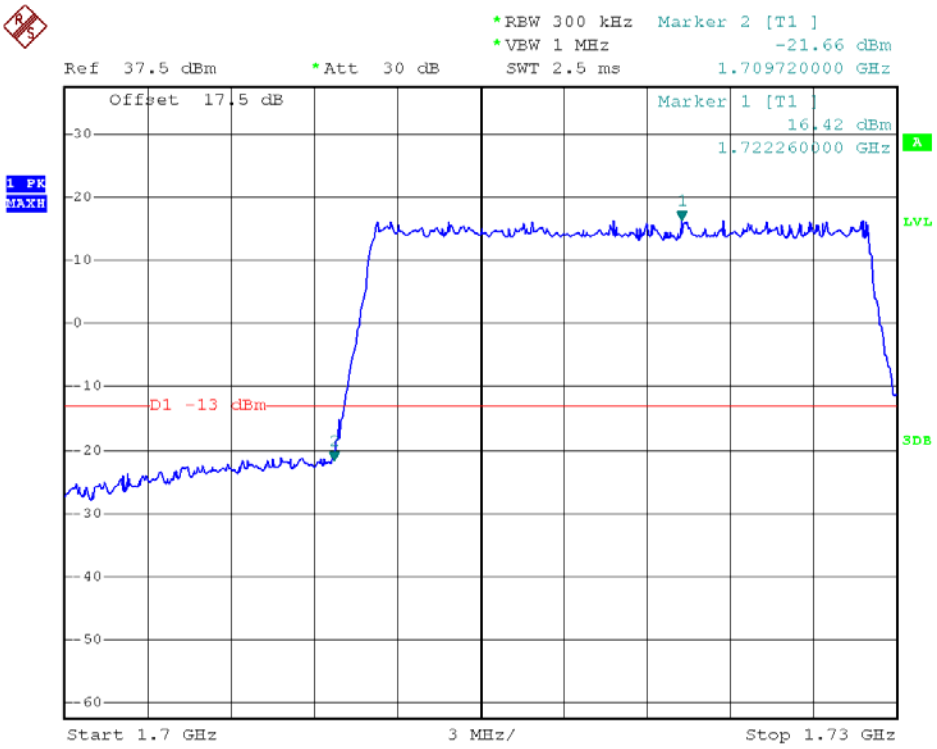



Higher Band Edge Plot for 16QAM -RB Size 75, RB Offset 0

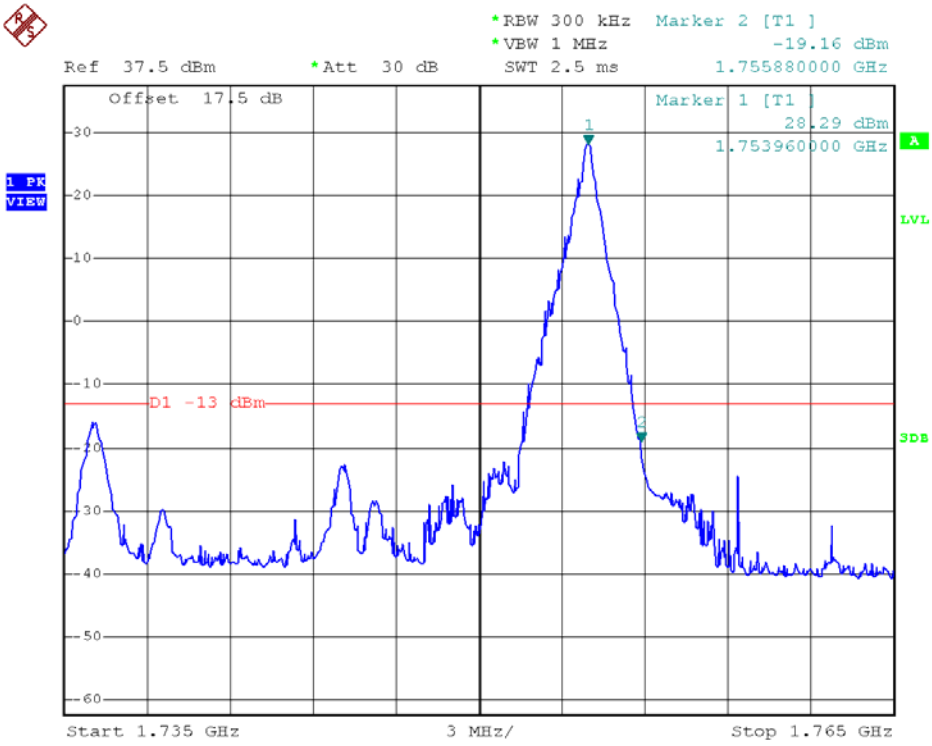
| Band | LTE Band 4 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 20MHz | | |



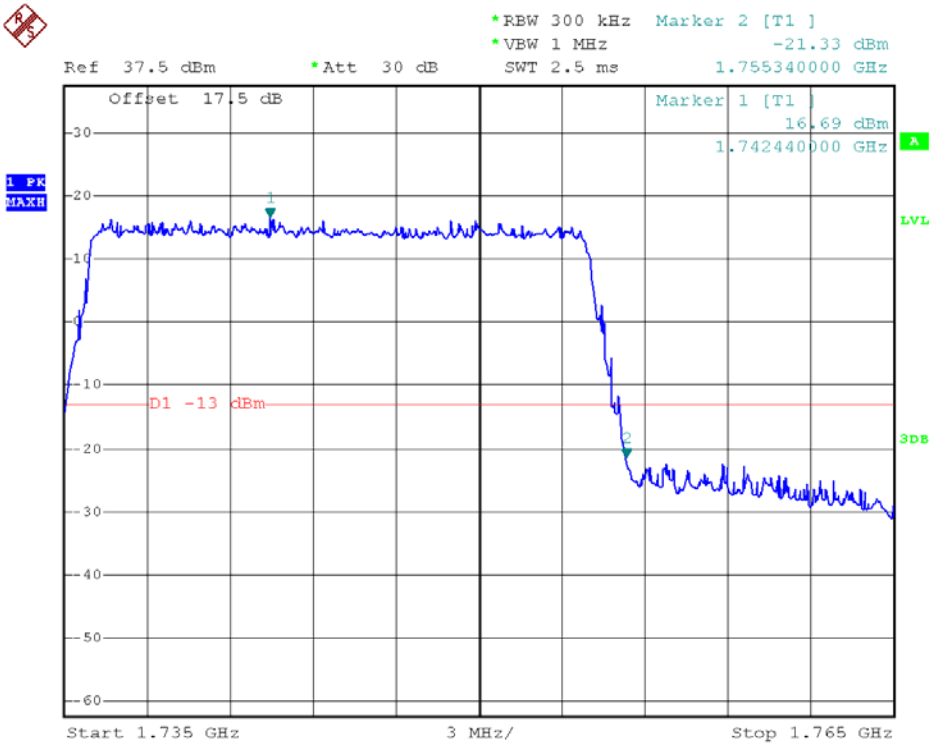

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 100, RB Offset 0

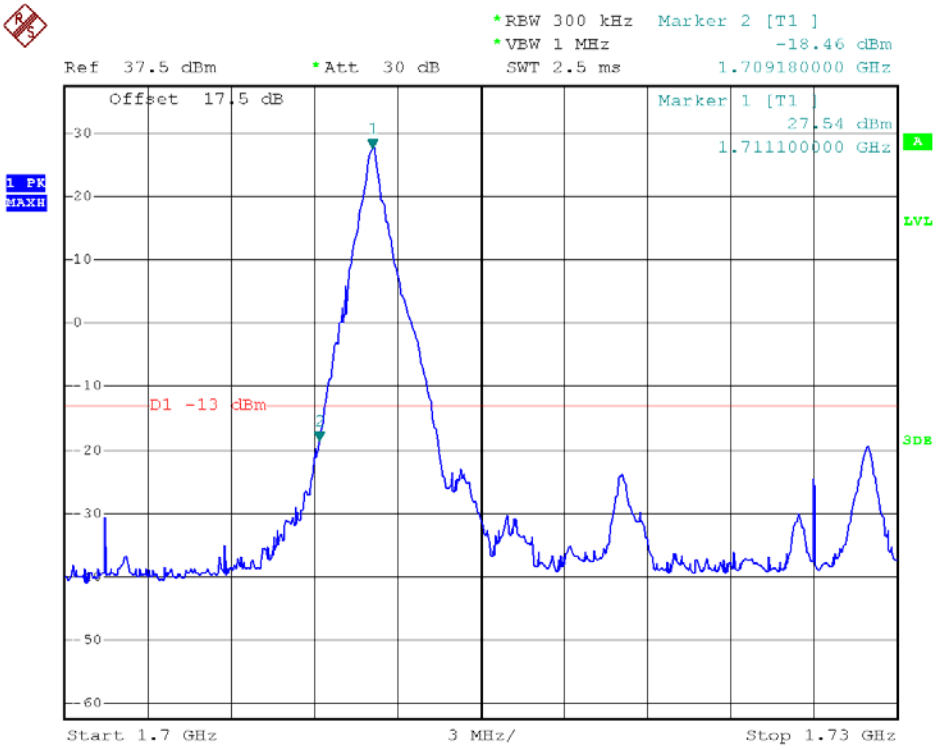



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 99

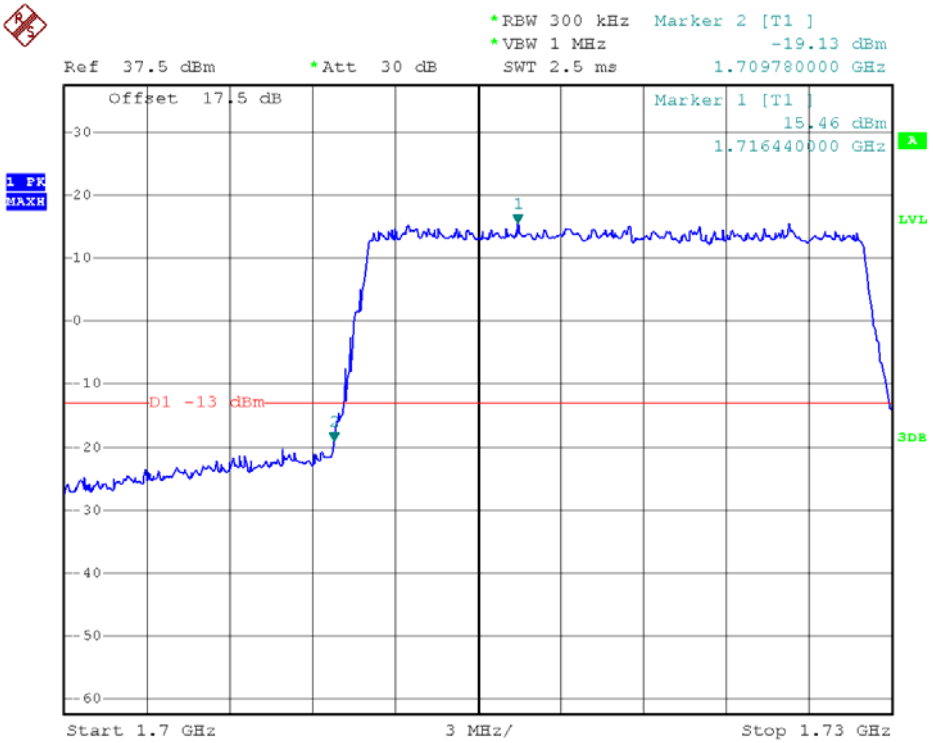



Higher Band Edge Plot for QPSK-RB Size 100, RB Offset 0

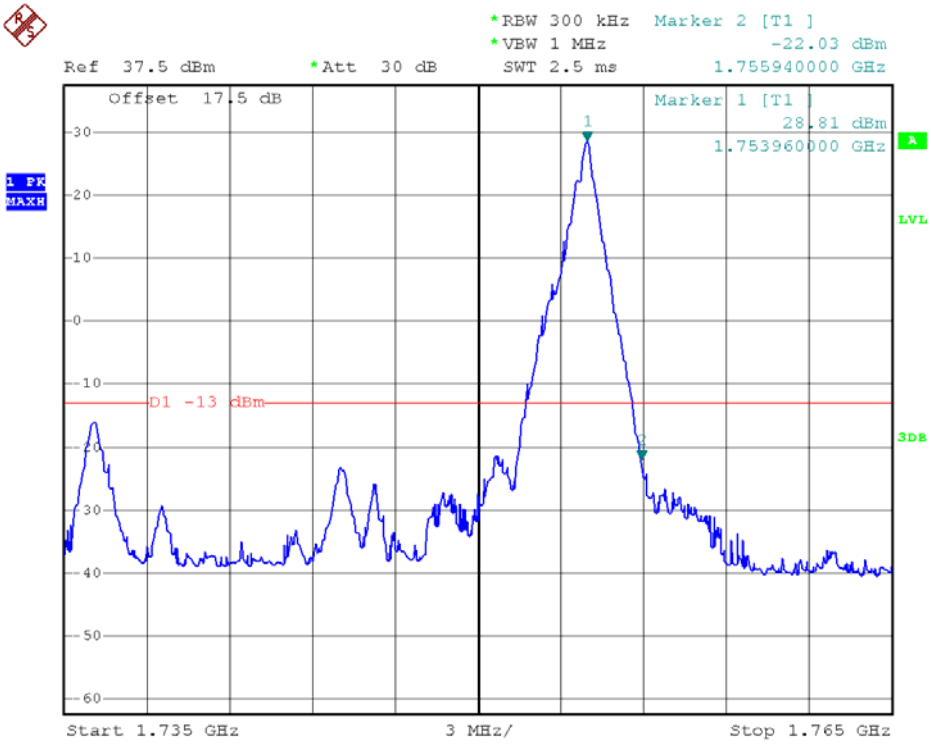
| Band | LTE Band 4 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 20MHz | | |



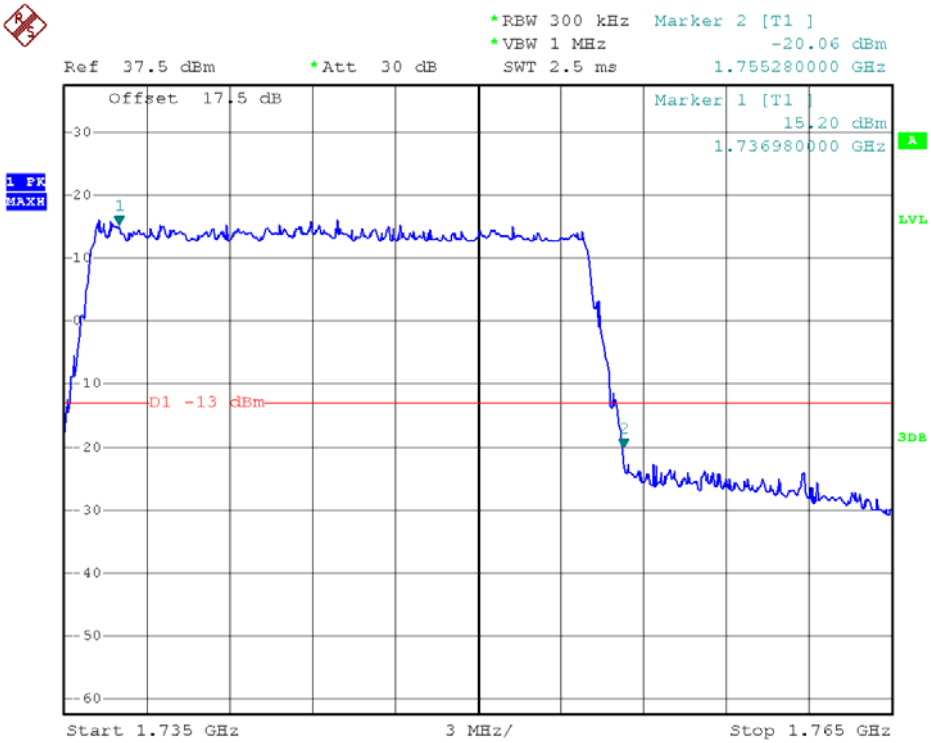

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM -RB Size 100, RB Offset 0

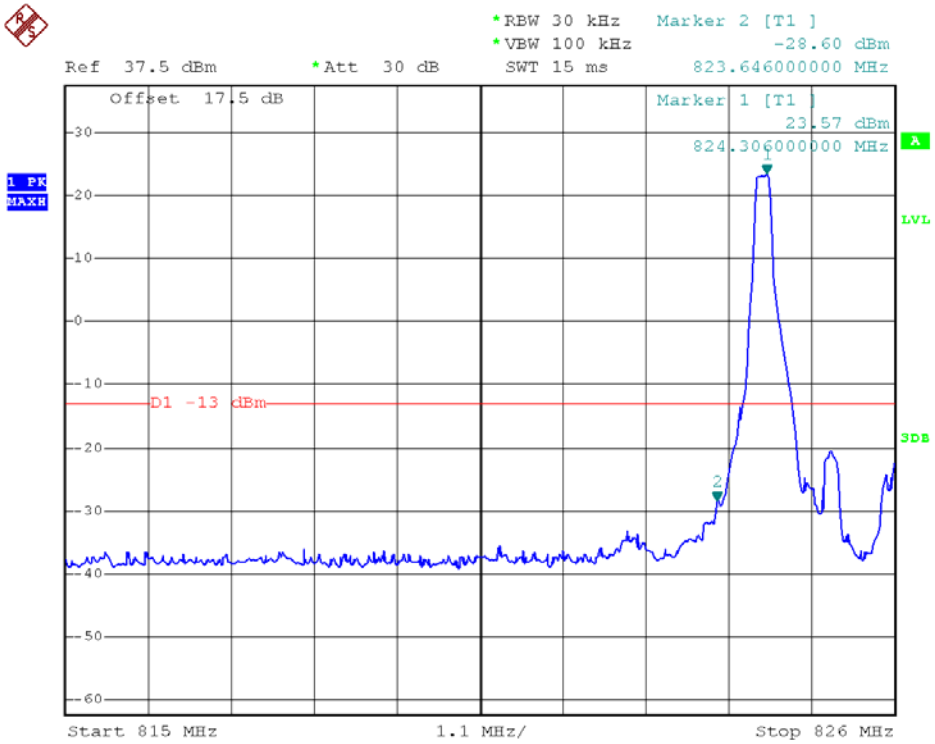



Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 99

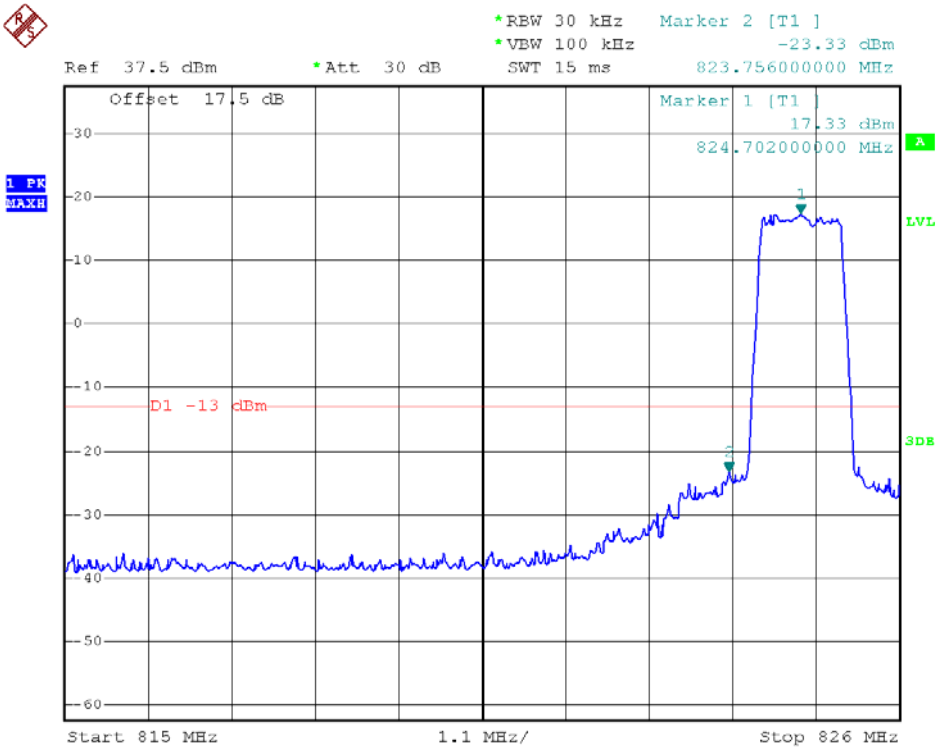



Higher Band Edge Plot for 16QAM -RB Size 100, RB Offset 0

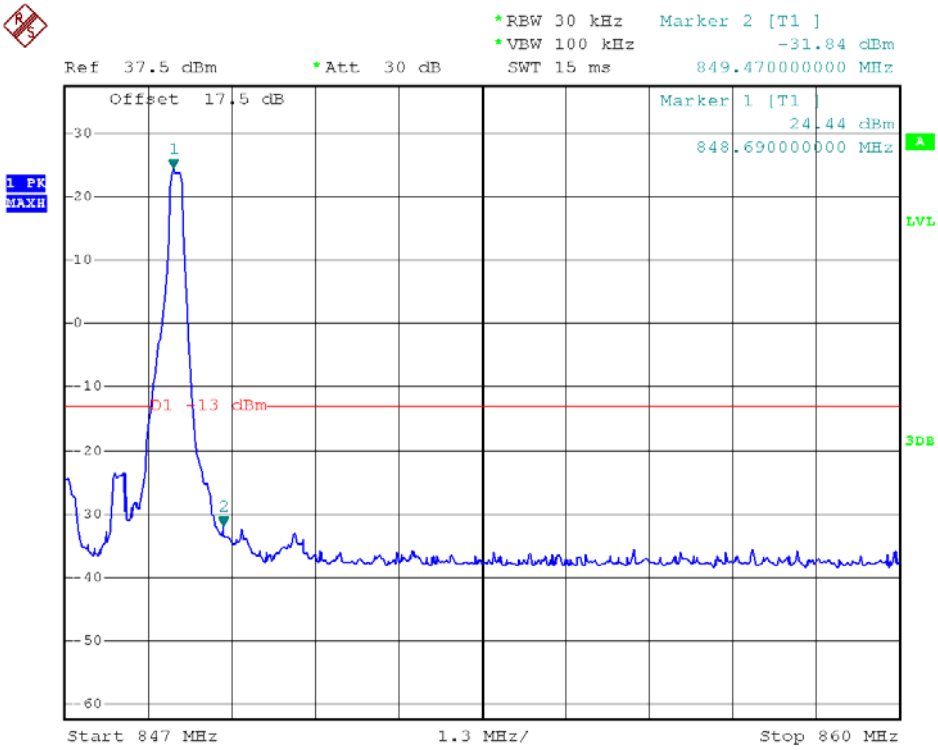
| Band | LTE Band 5 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 1.4MHz | | |



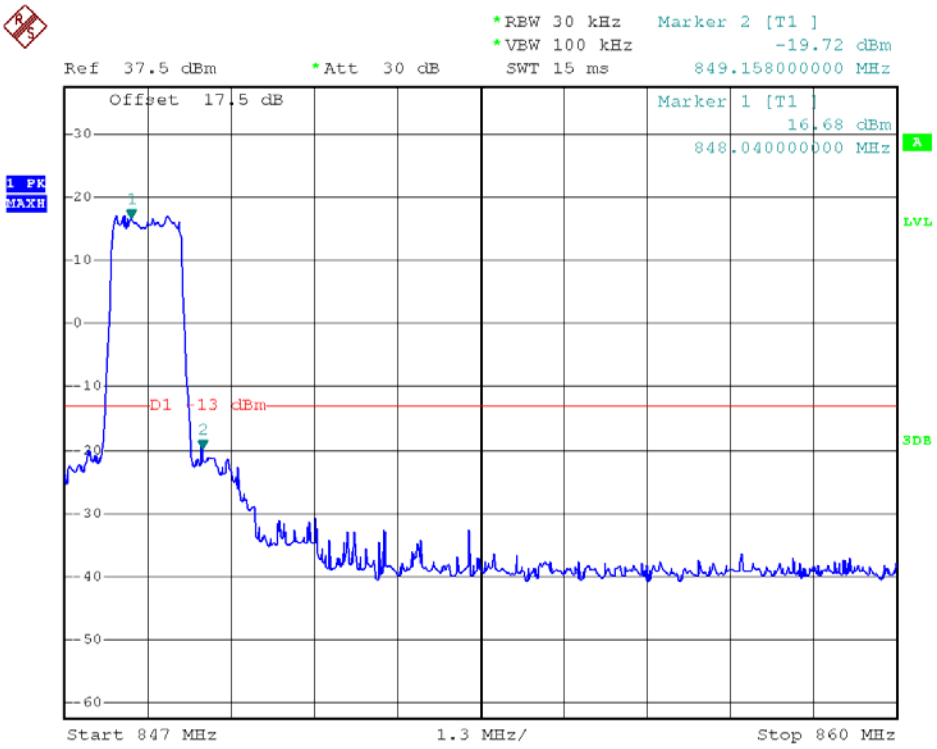

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 6, RB Offset 0

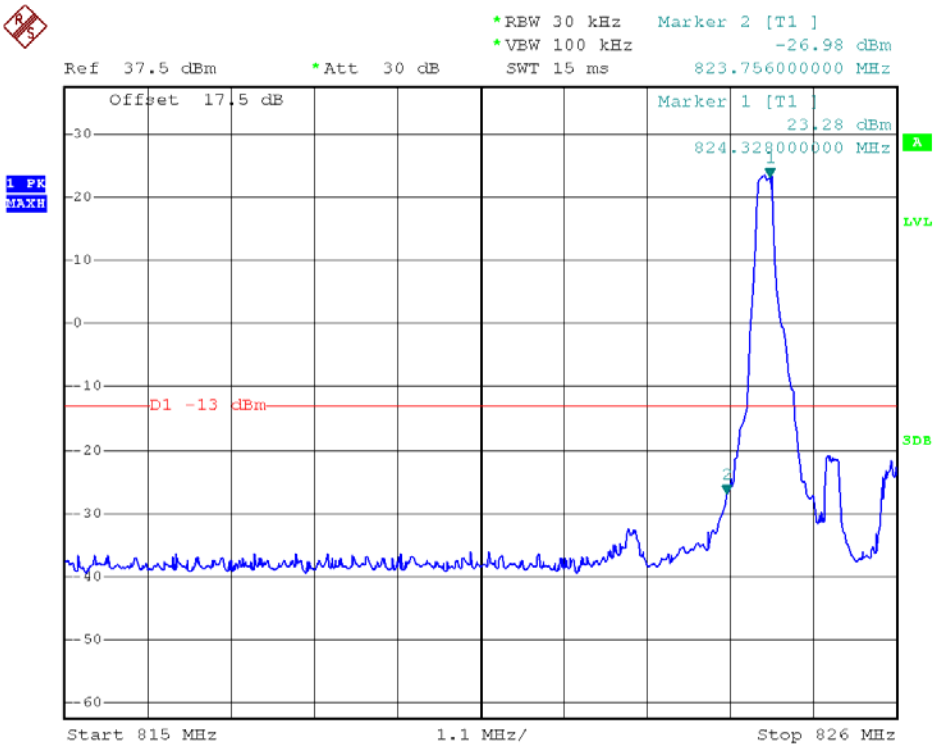



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 5

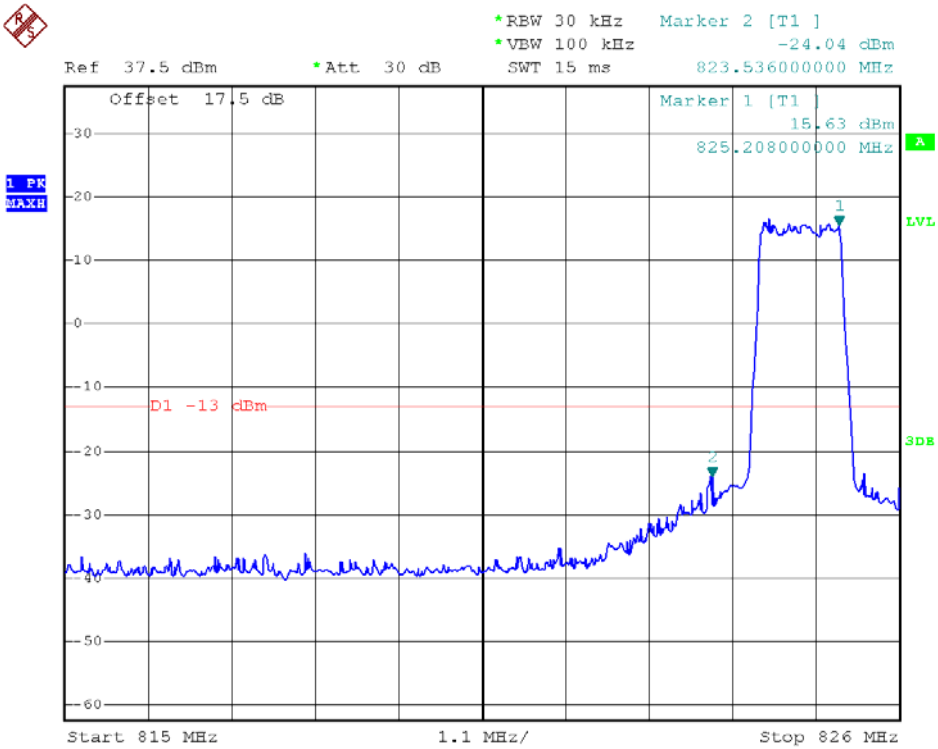



Higher Band Edge Plot for QPSK-RB Size 6, RB Offset 0

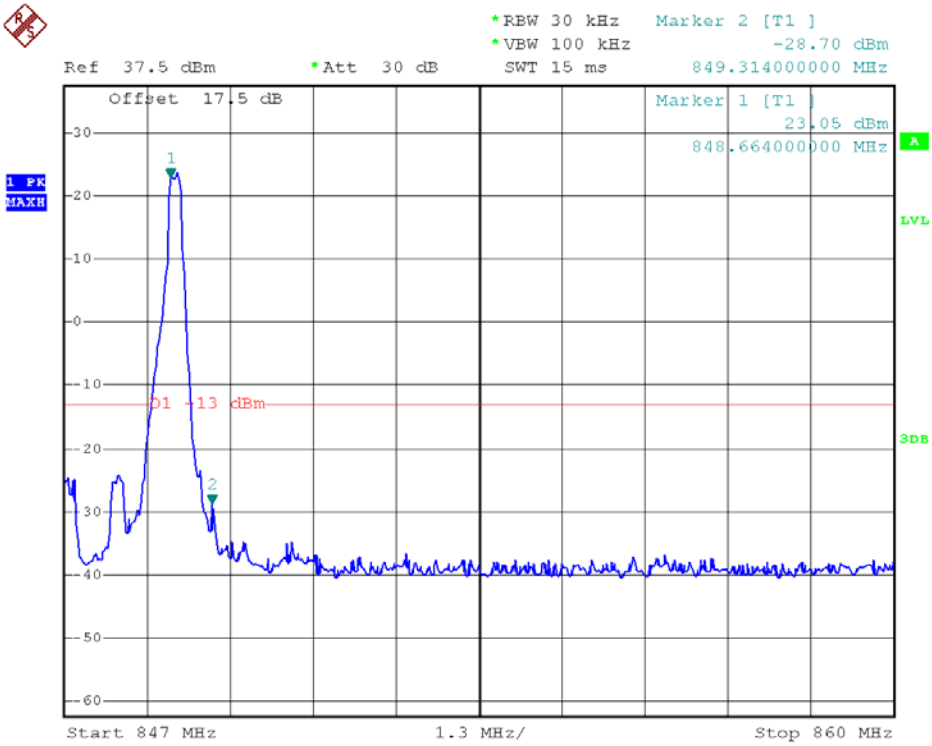
| Band | LTE Band 5 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 1.4MHz | | |



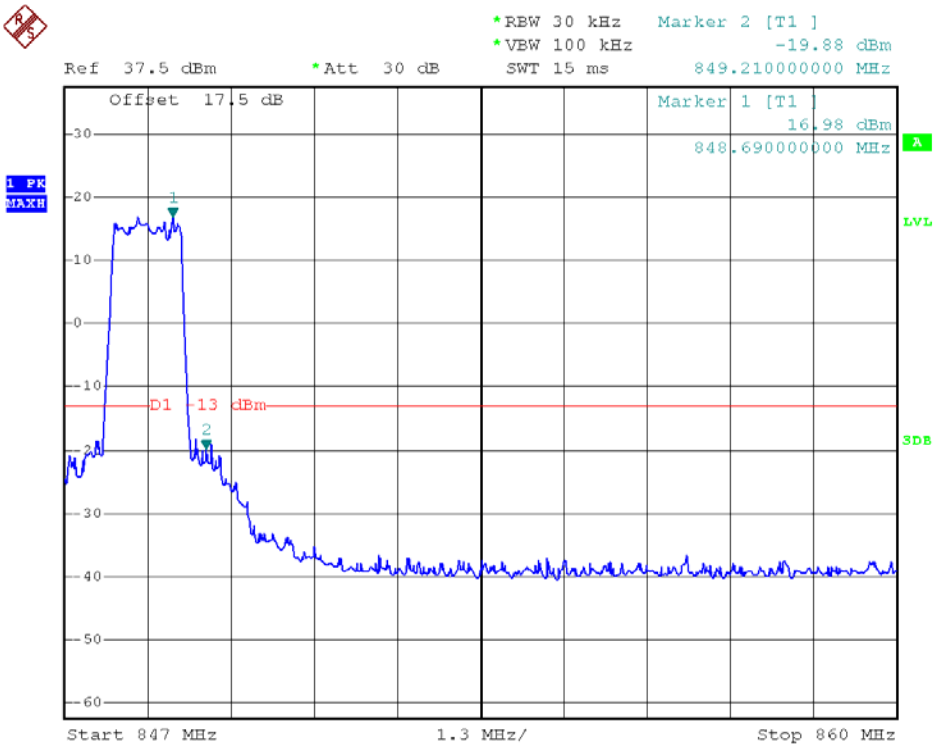

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM -RB Size 6, RB Offset 0

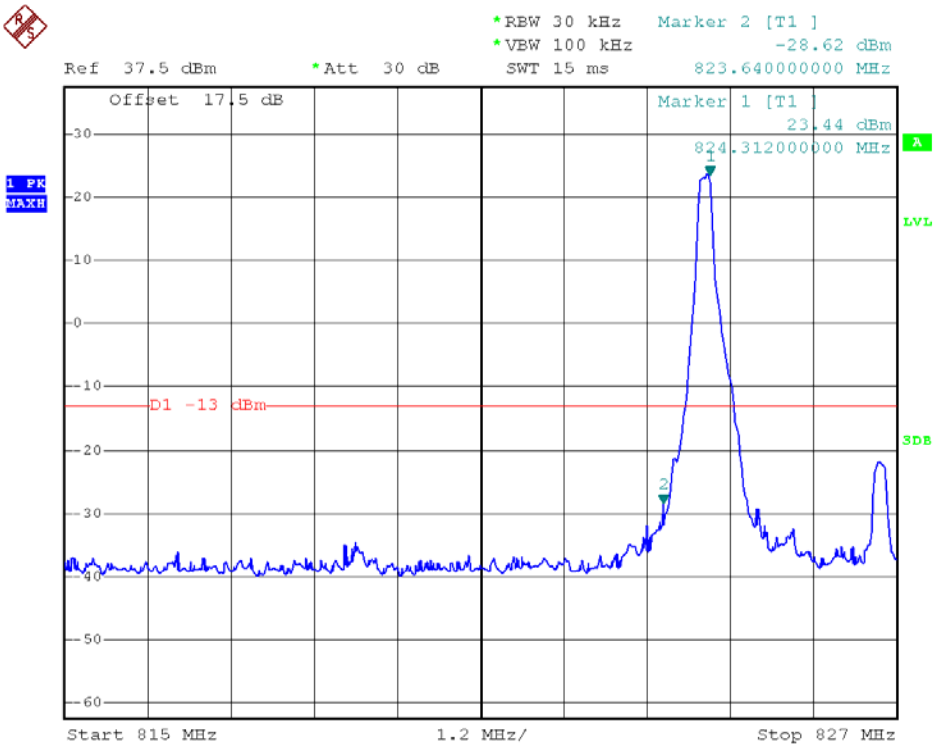



Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 5

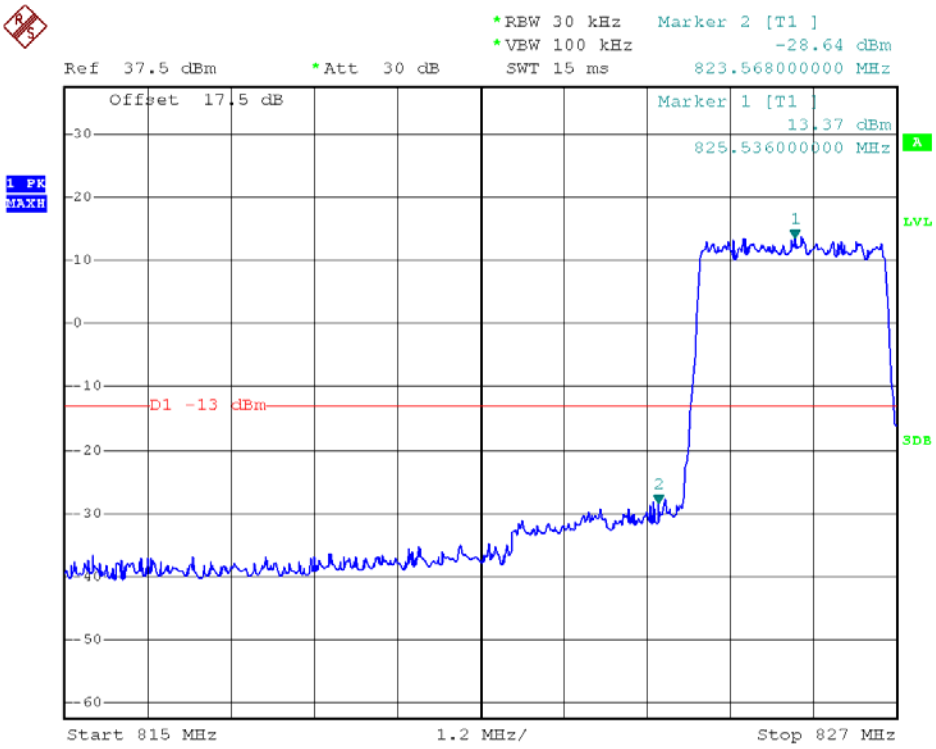



Higher Band Edge Plot for 16QAM -RB Size 6, RB Offset 0

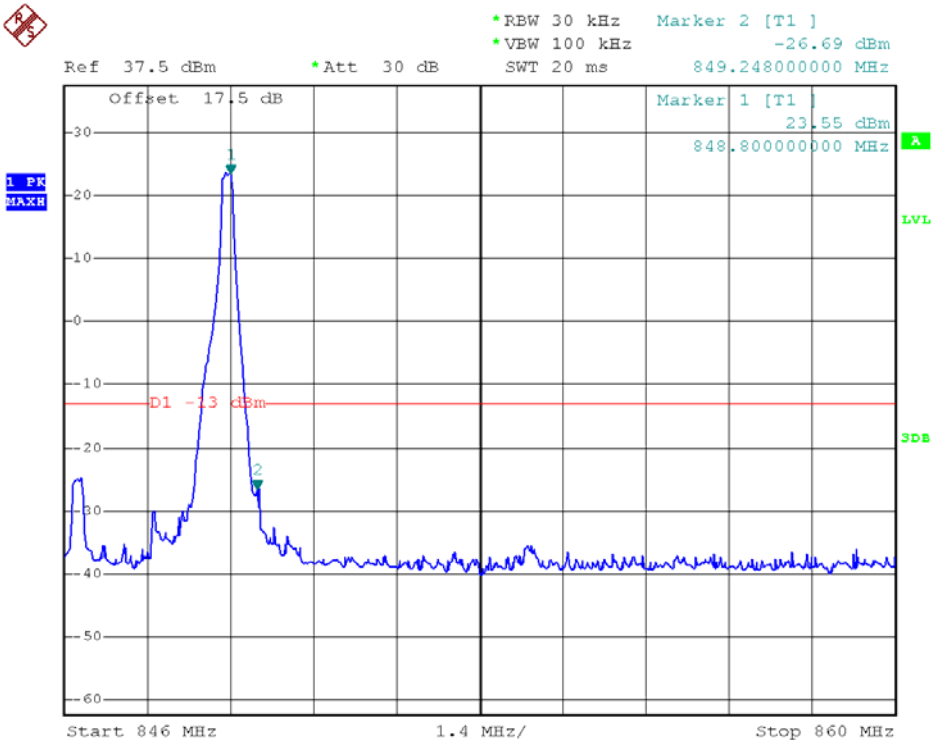
| Band | LTE Band 5 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 3MHz | | |



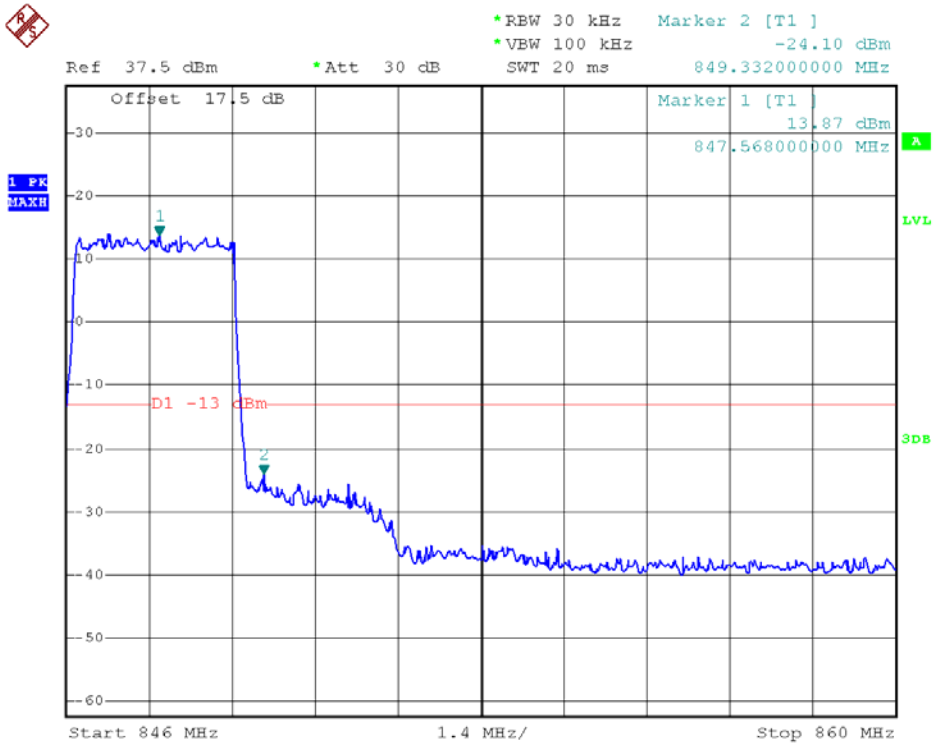

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 15, RB Offset 0

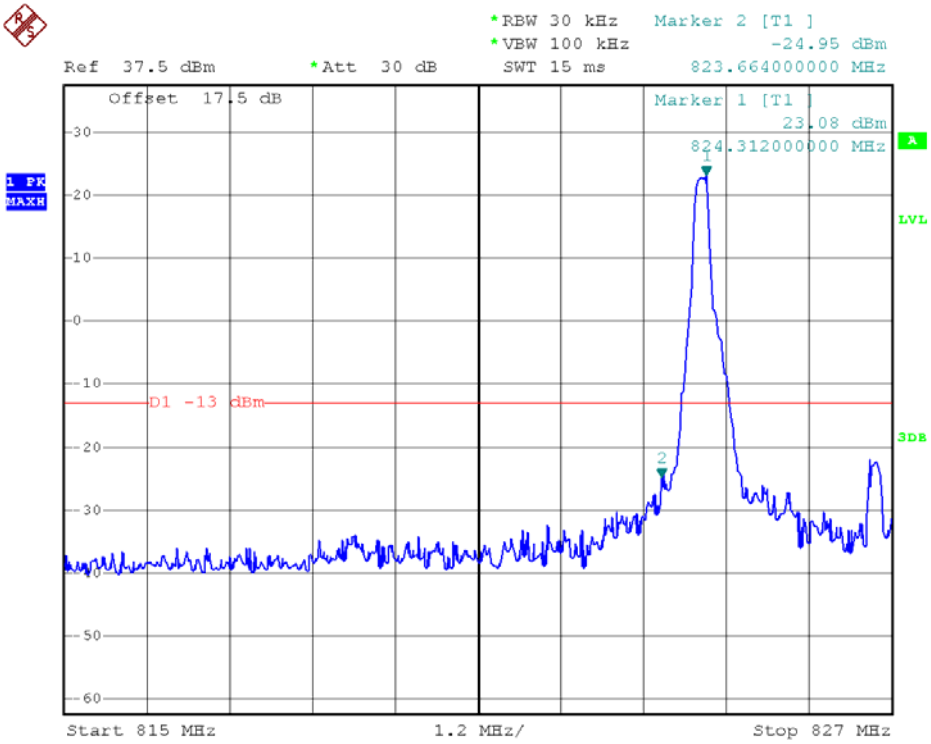



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 14

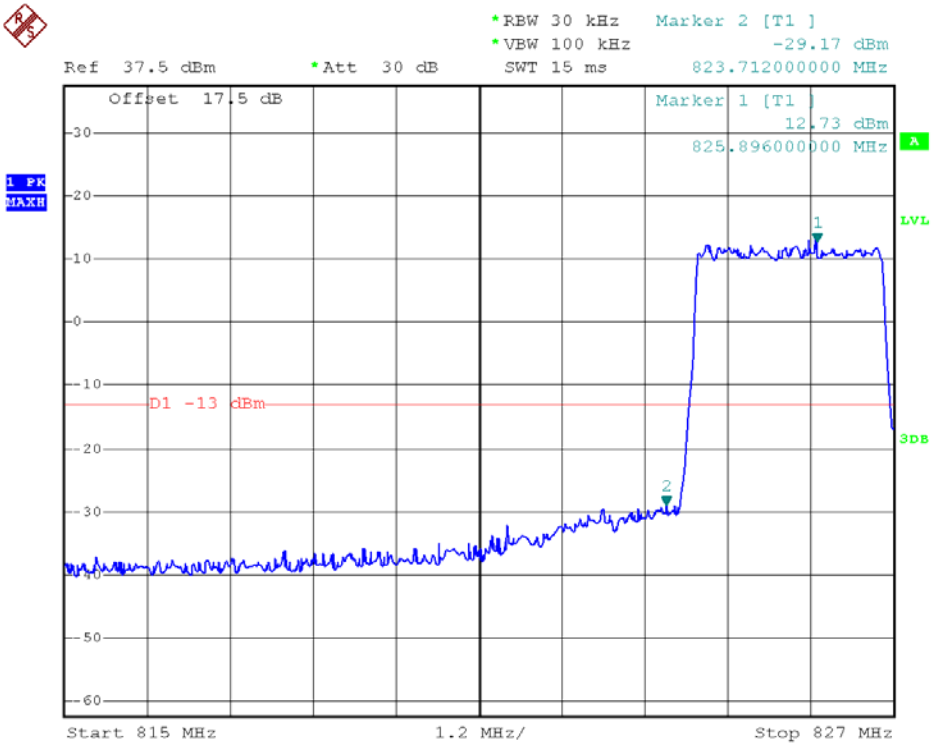



Higher Band Edge Plot for QPSK-RB Size 15, RB Offset 0

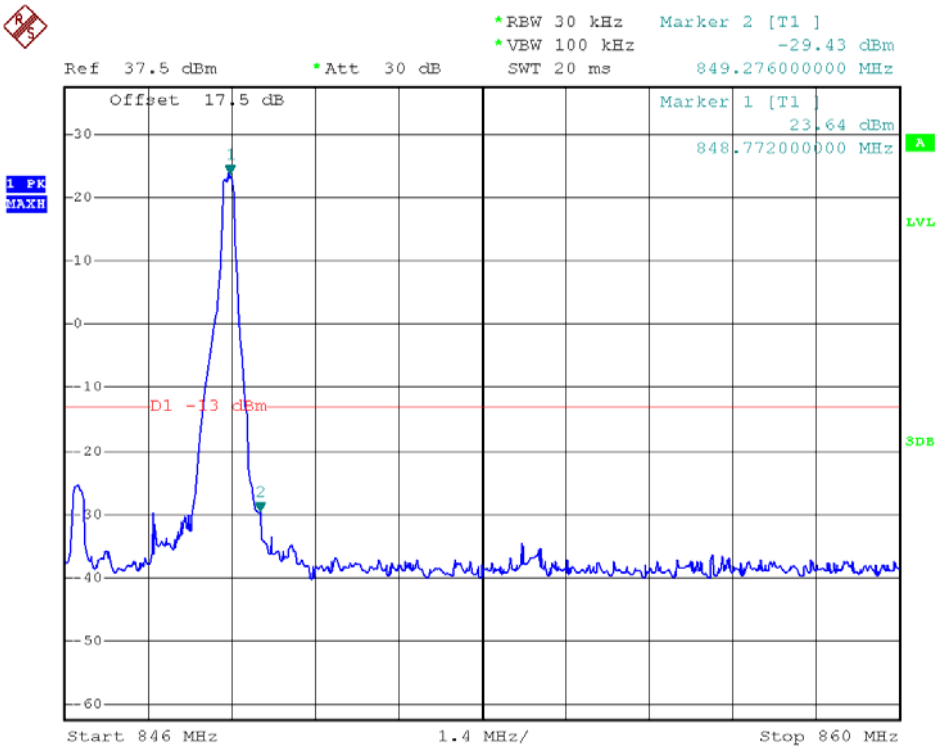
| Band | LTE Band 5 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 3MHz | | |



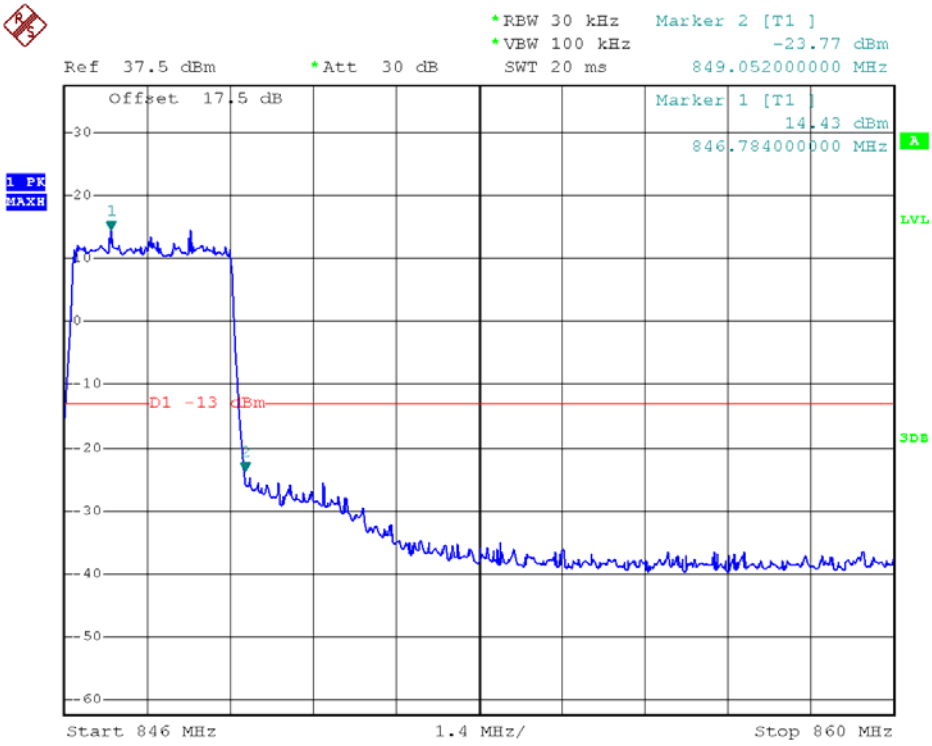

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM -RB Size 15, RB Offset 0

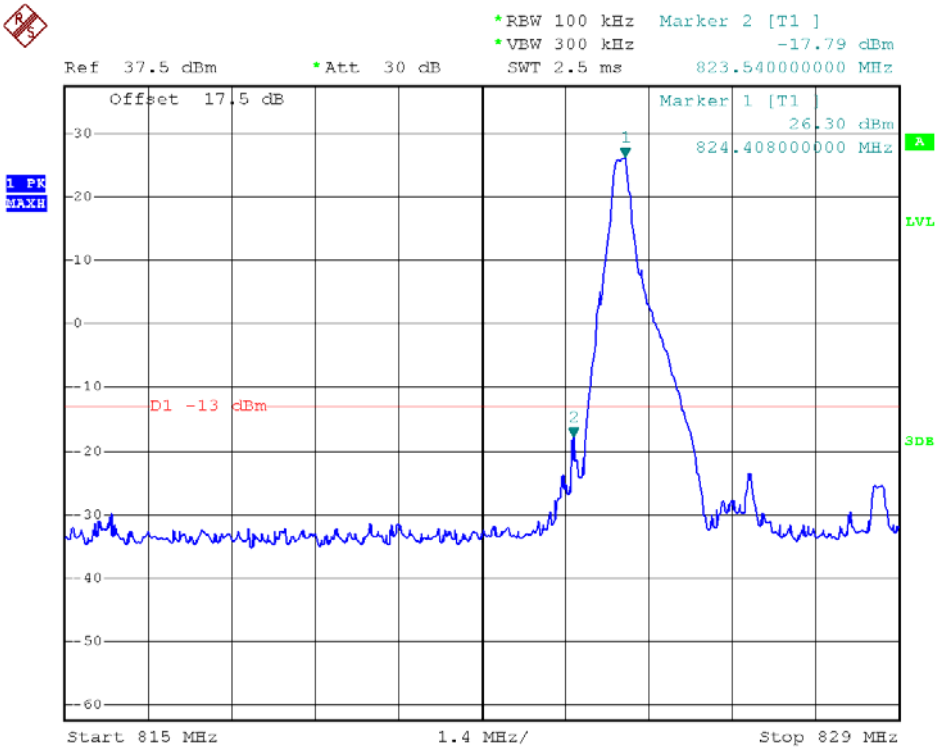



Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 14

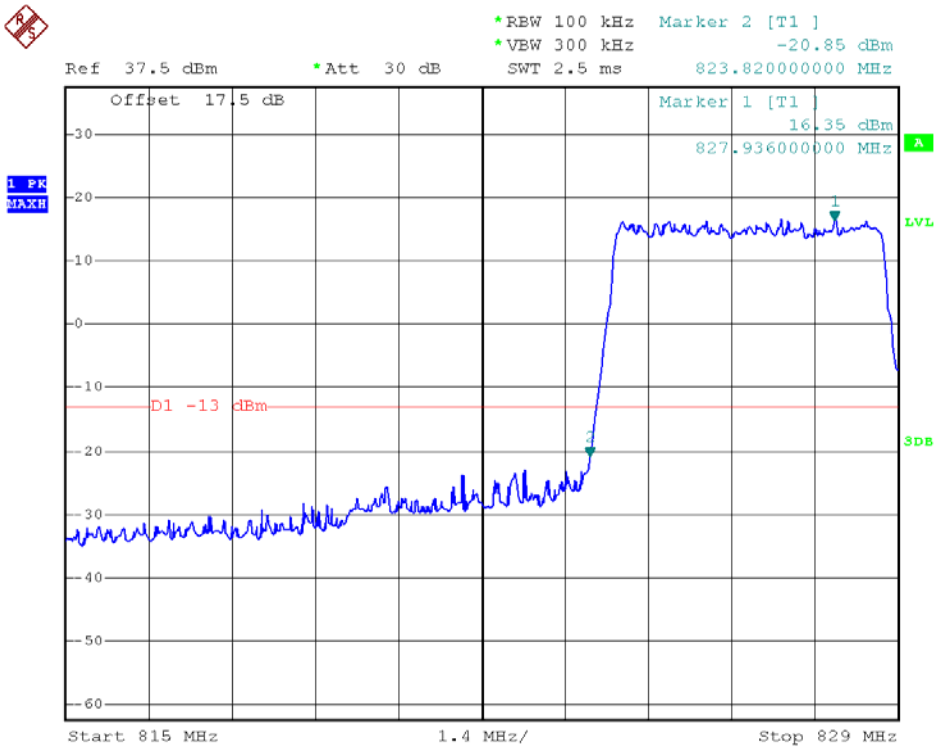



Higher Band Edge Plot for 16QAM -RB Size 15, RB Offset 0

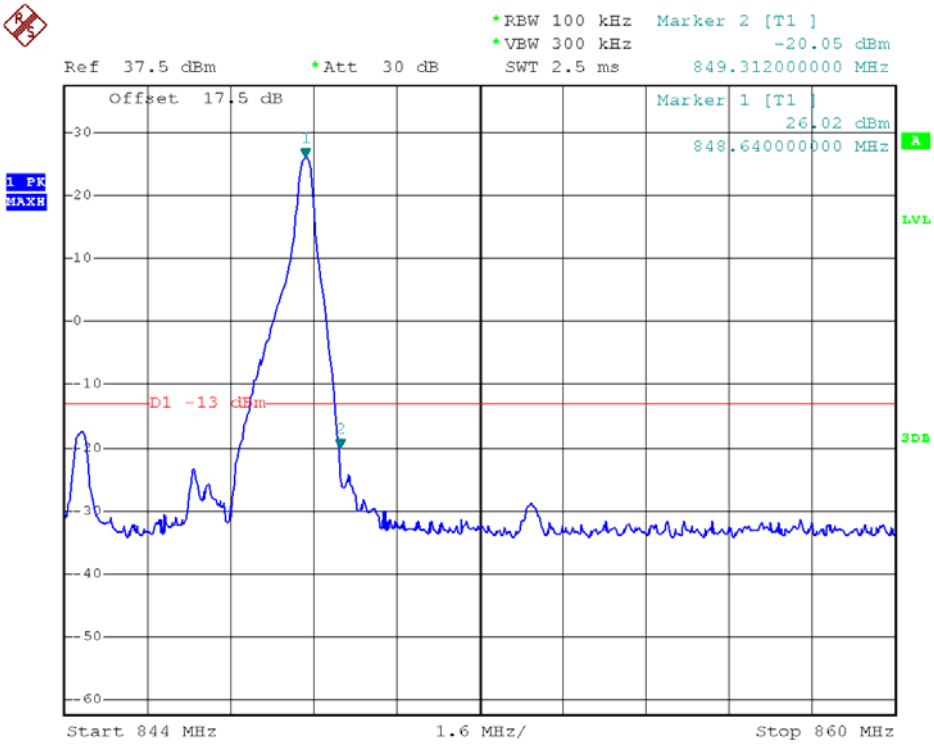
| Band | LTE Band 5 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 5MHz | | |



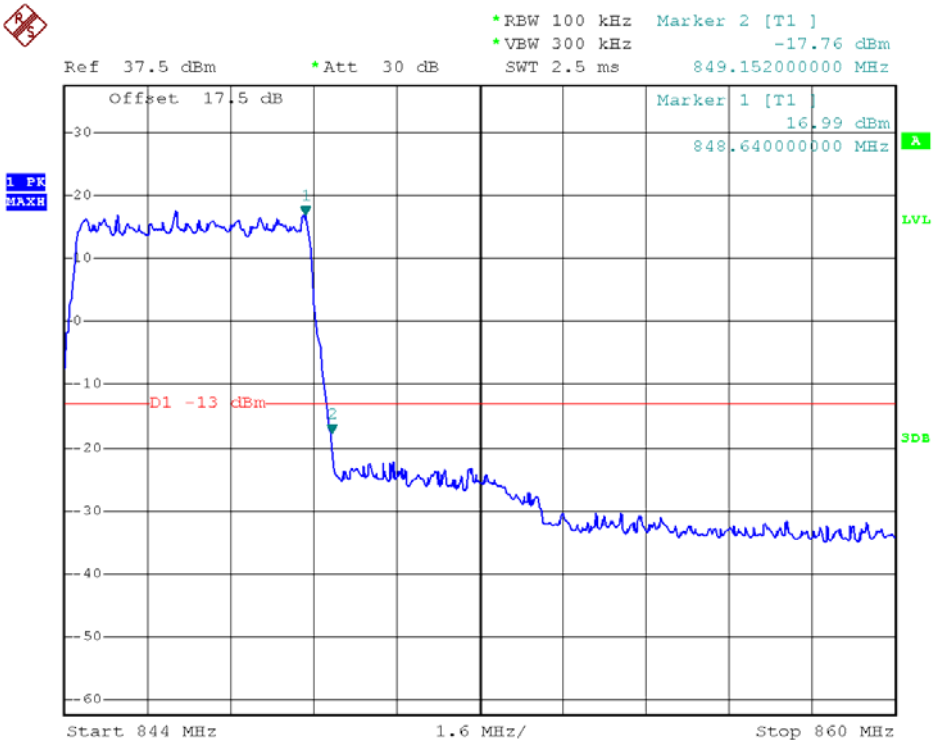

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0

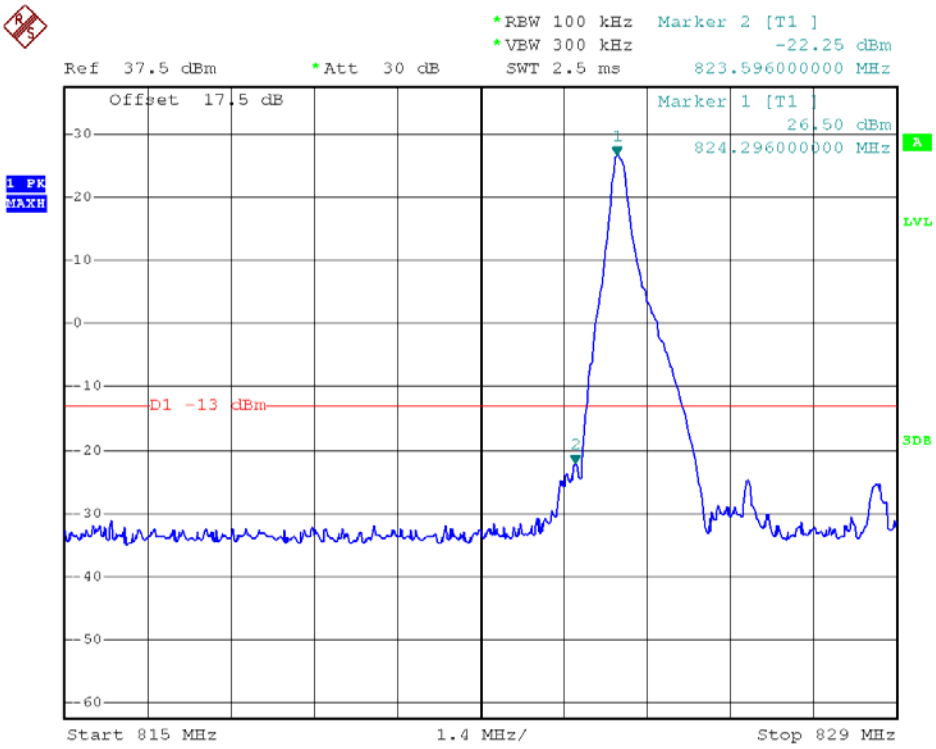



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 24

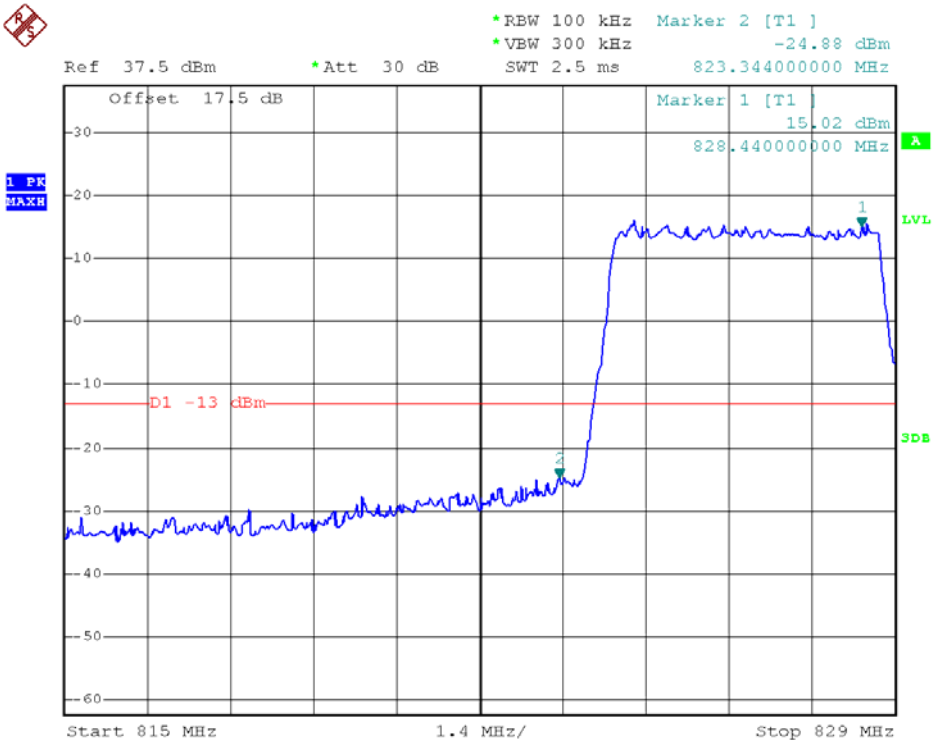



Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0

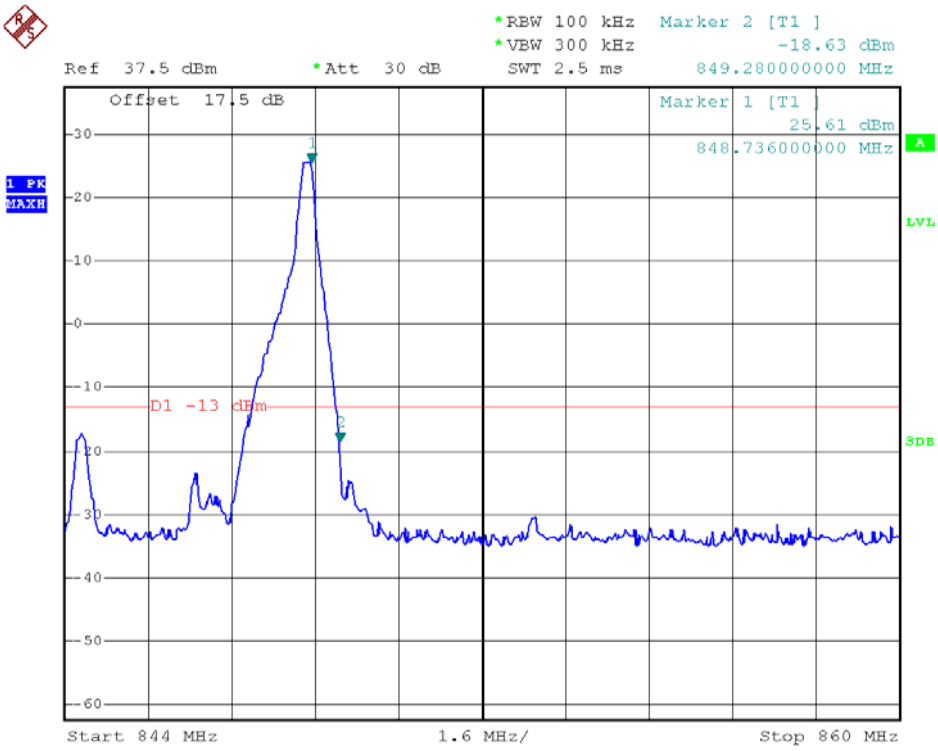
| Band | LTE Band 5 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 5MHz | | |



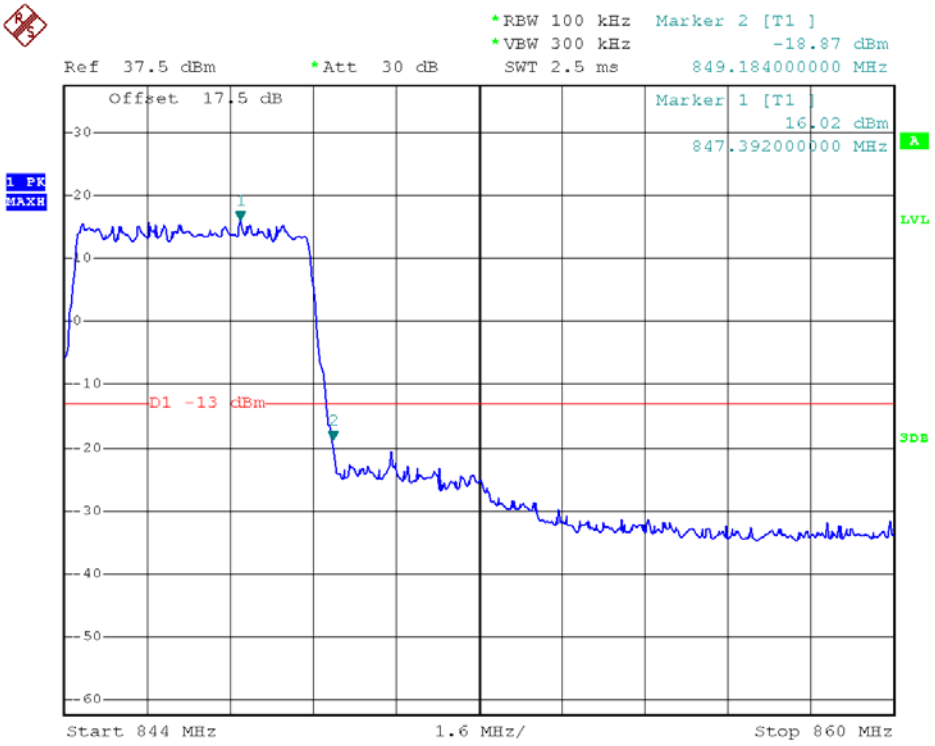

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM -RB Size 25, RB Offset 0

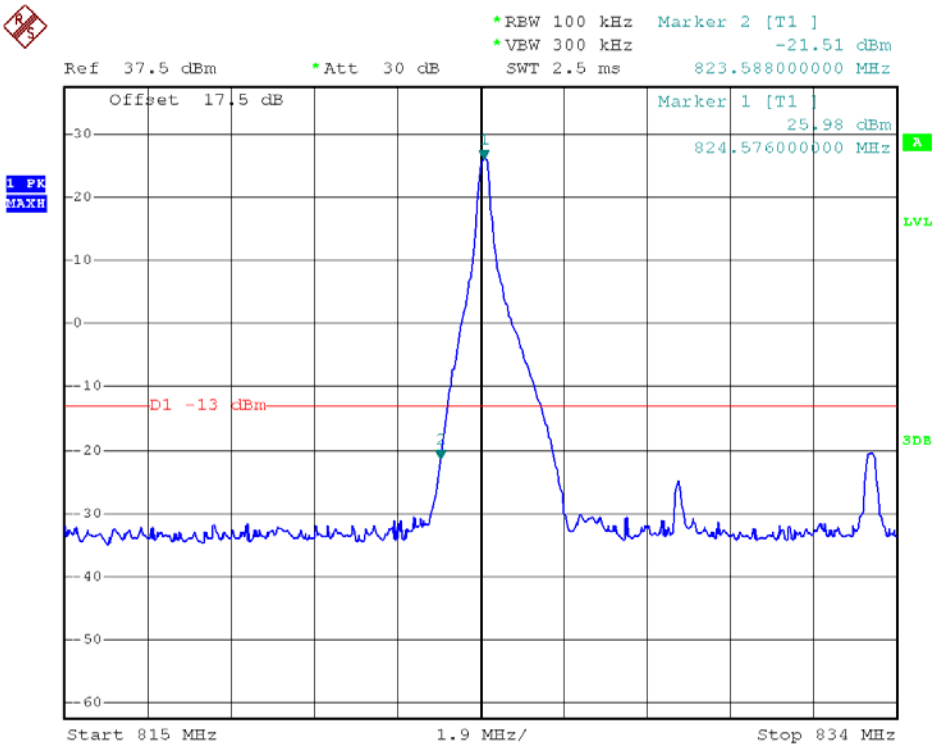



Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 24

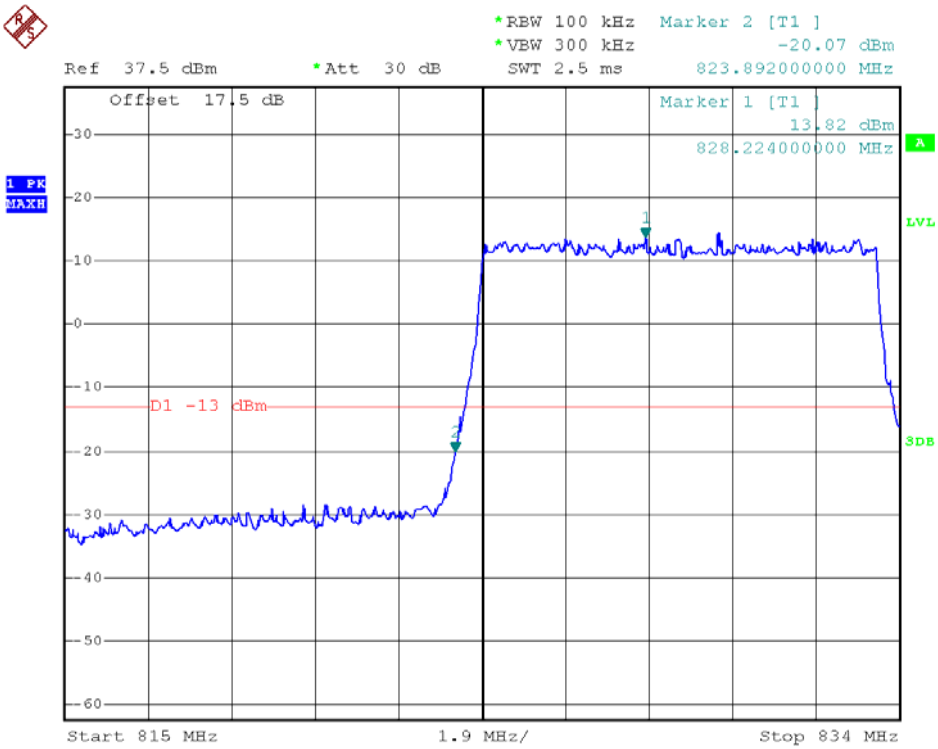



Higher Band Edge Plot for 16QAM -RB Size 25, RB Offset 0

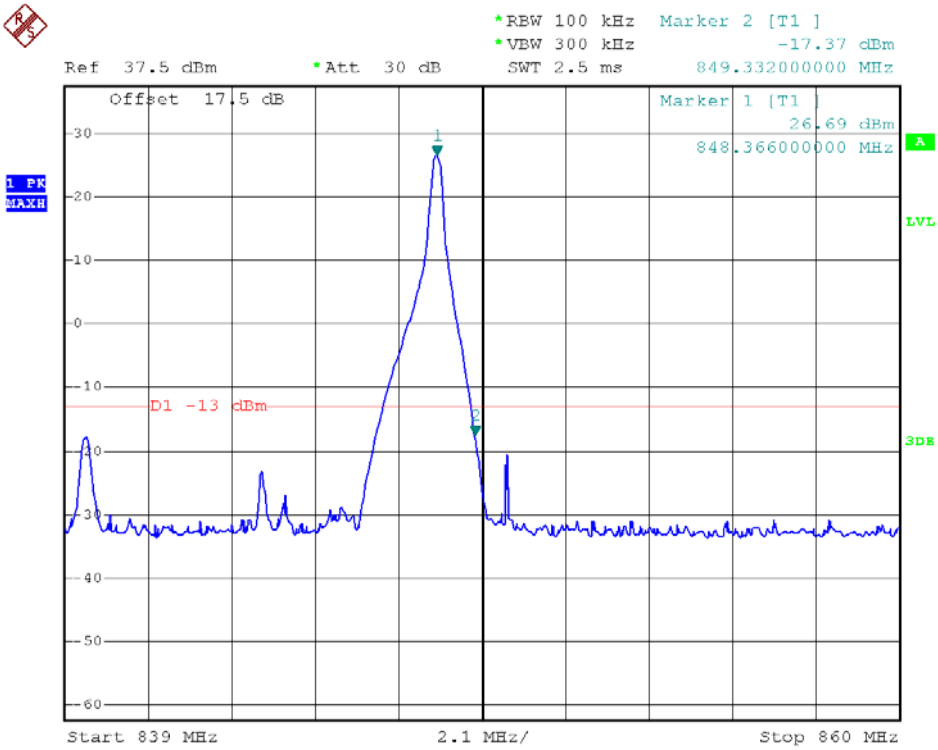
| Band | LTE Band 5 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 10MHz | | |



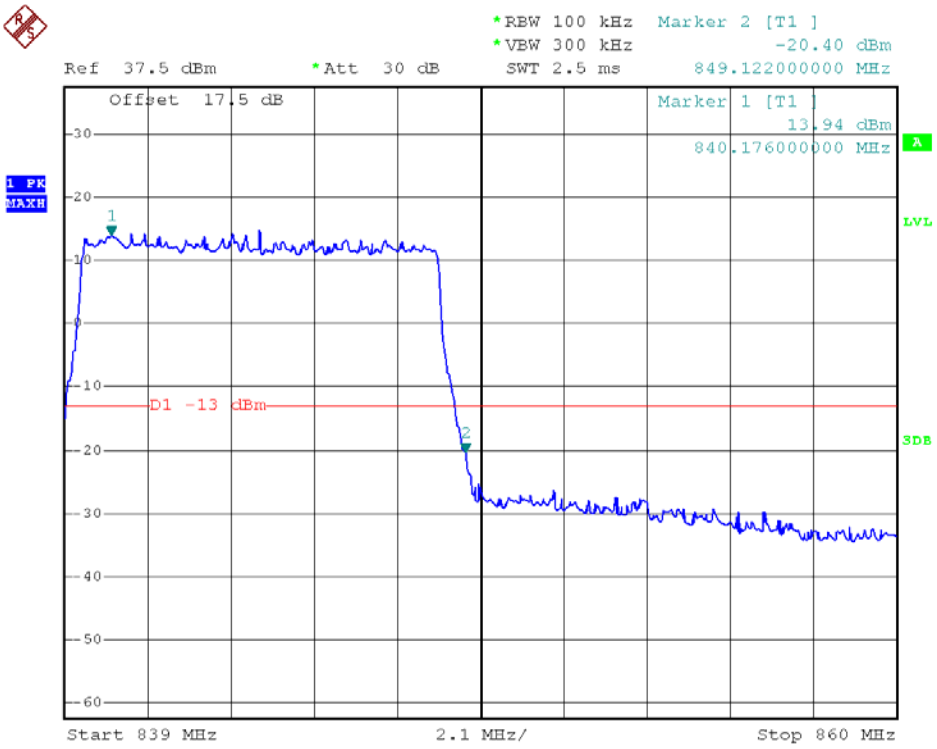

Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0

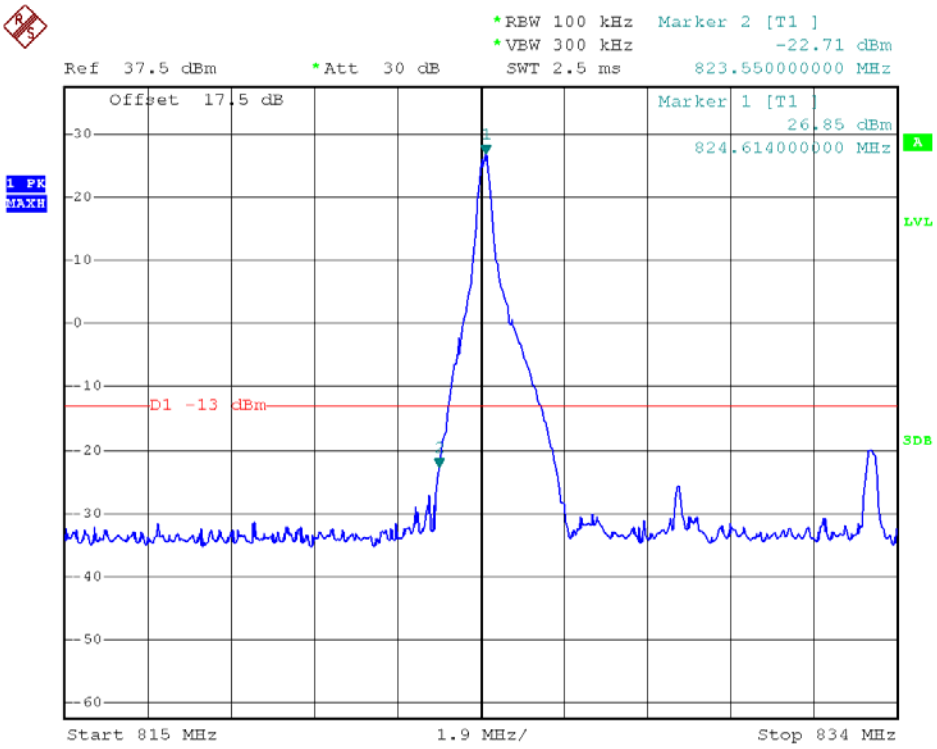



Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 49

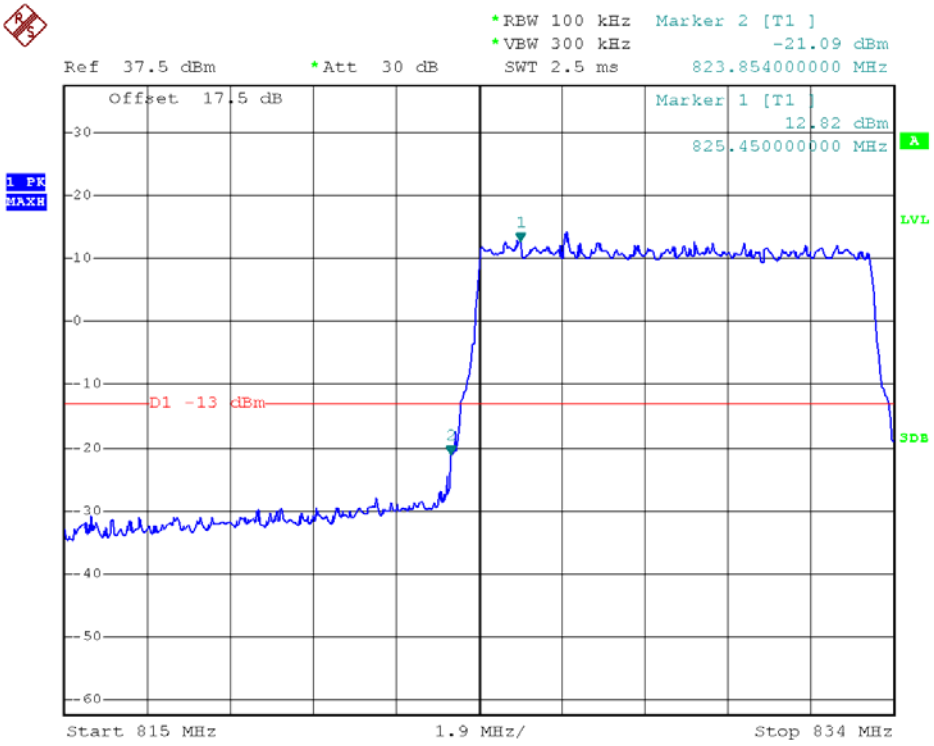



Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0

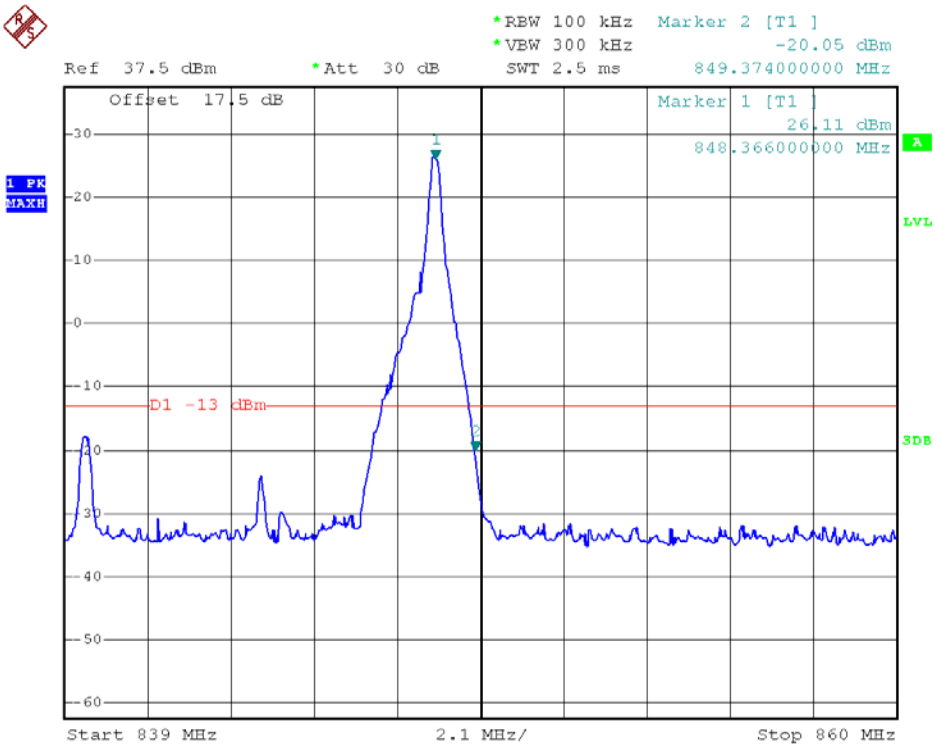
| Band | LTE Band 5 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 10MHz | | |



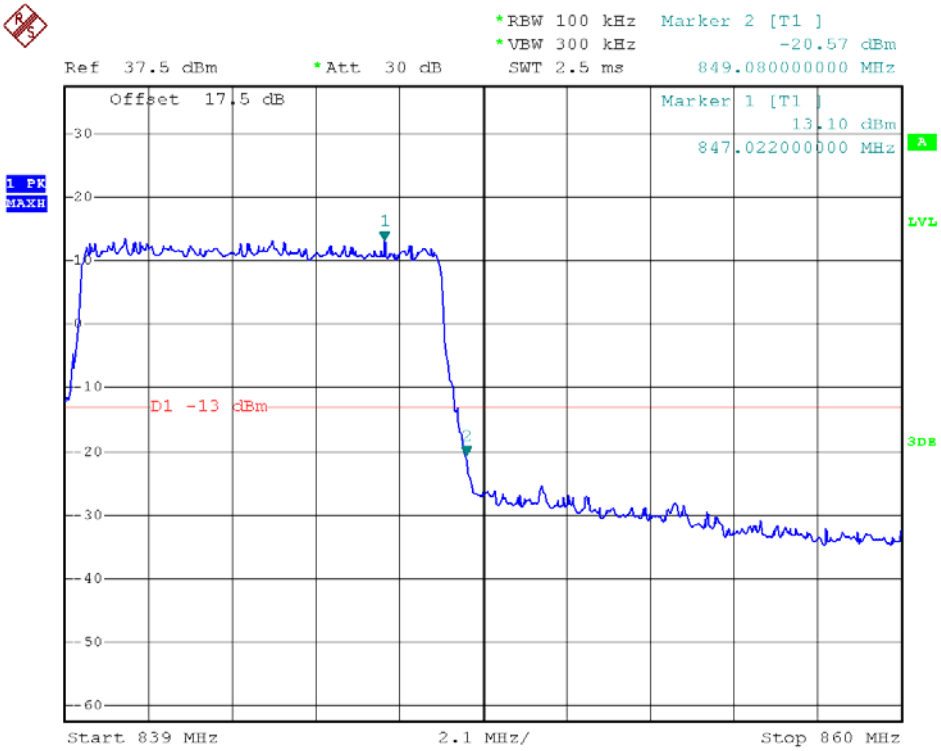

Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM -RB Size 50, RB Offset 0

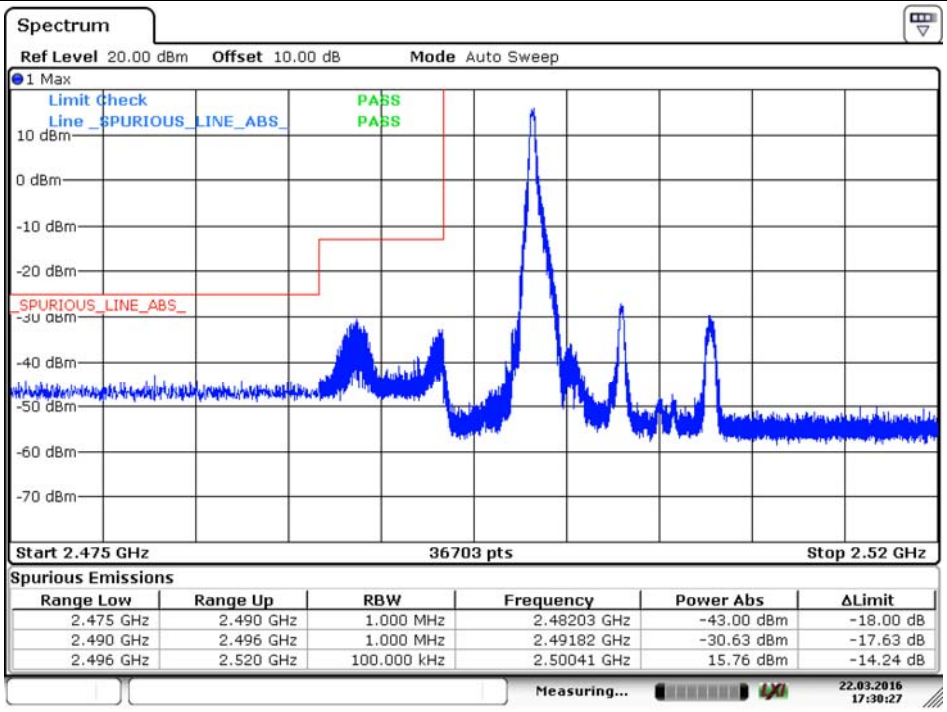



Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 49

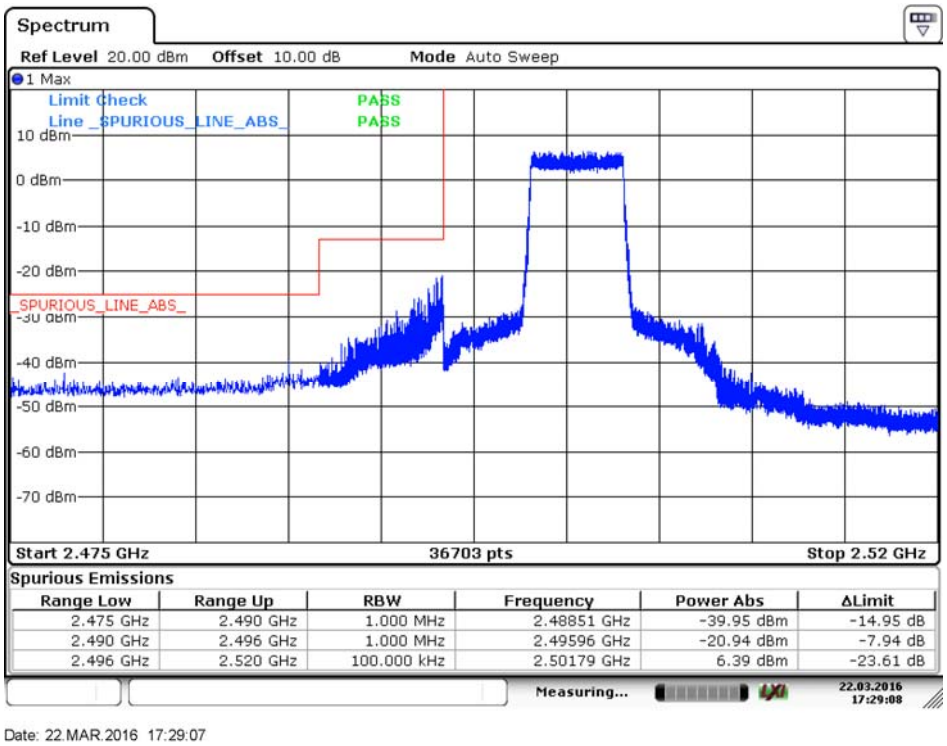



Higher Band Edge Plot for 16QAM -RB Size 50, RB Offset 0

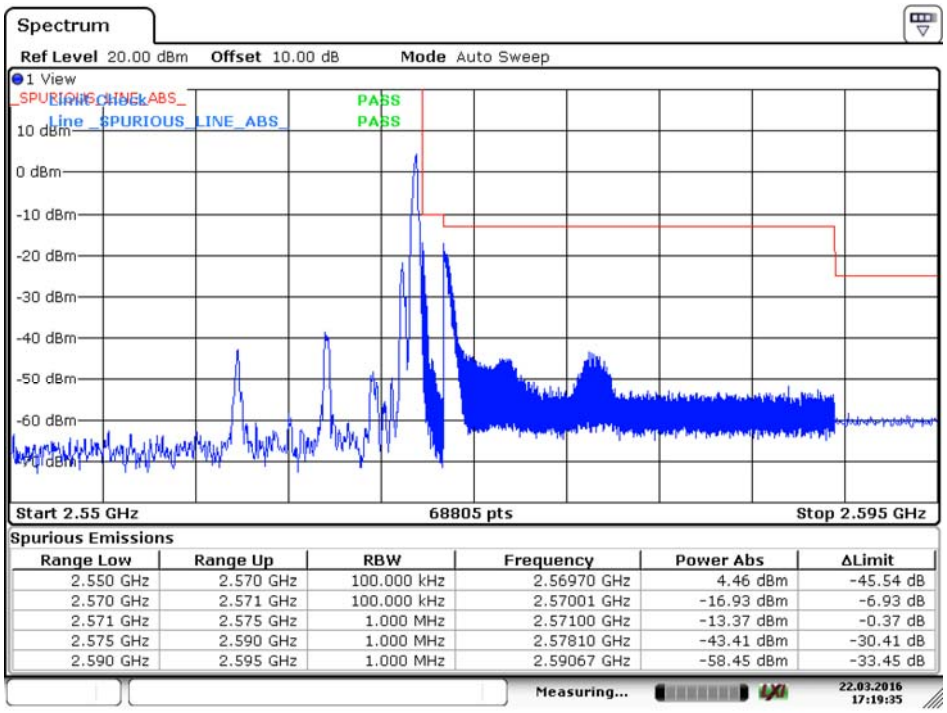
| Band | LTE Band 7 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 5MHz | | |




Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56970 GHz | 4.46 dBm | -45.54 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57001 GHz | -16.93 dBm | -6.93 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57100 GHz | -13.37 dBm | -0.37 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57810 GHz | -43.41 dBm | -30.41 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59067 GHz | -58.45 dBm | -33.45 dB |

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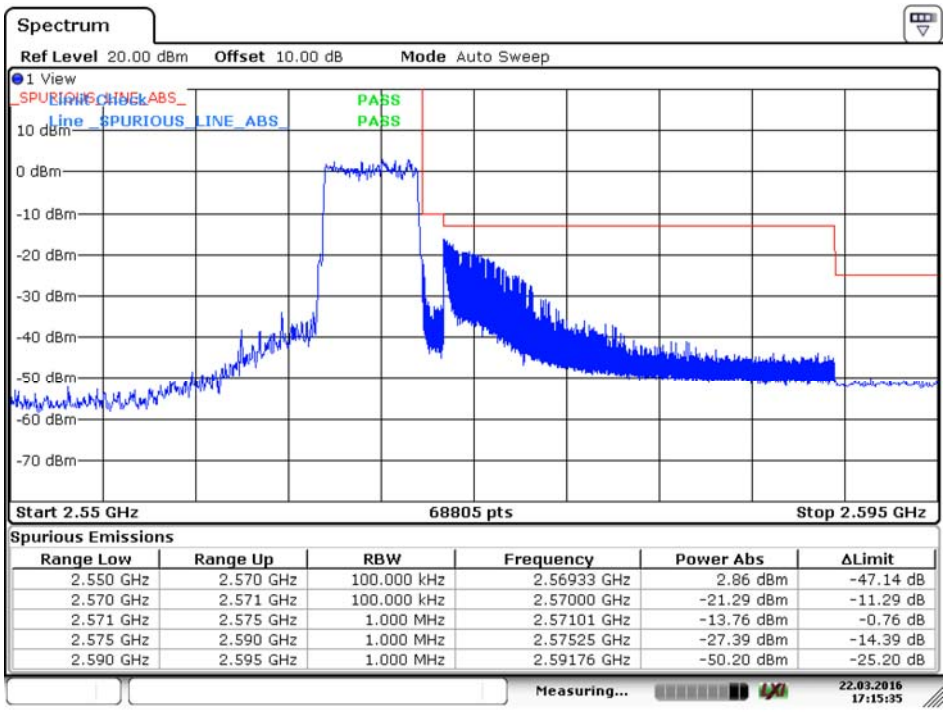
Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 24




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56933 GHz | 2.86 dBm | -47.14 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57000 GHz | -21.29 dBm | -11.29 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57101 GHz | -13.76 dBm | -0.76 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57525 GHz | -27.39 dBm | -14.39 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59176 GHz | -50.20 dBm | -25.20 dB |

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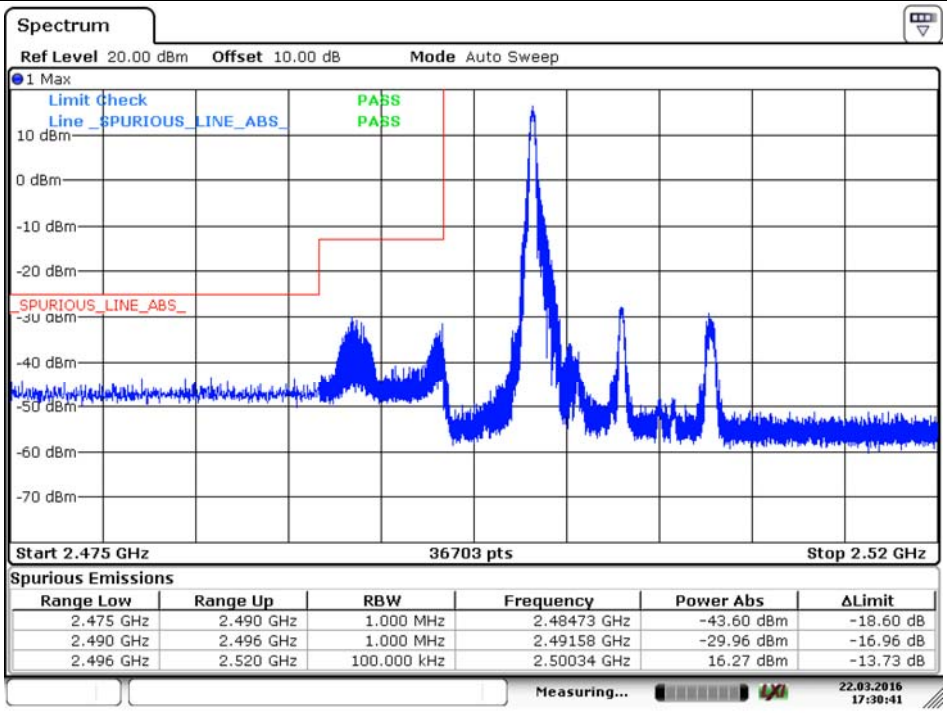
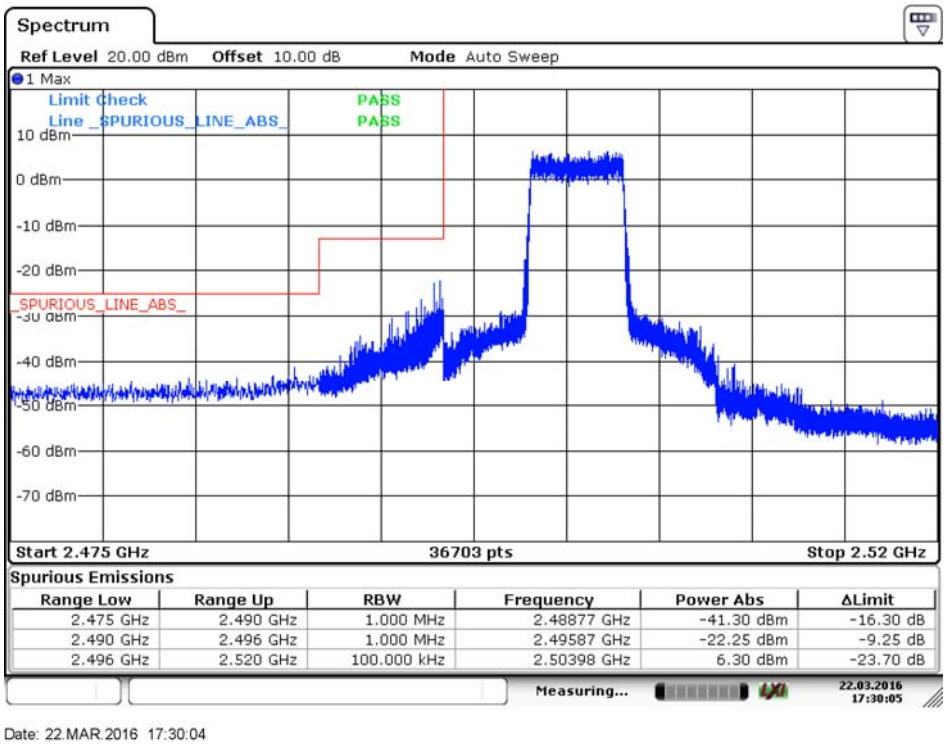
Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0

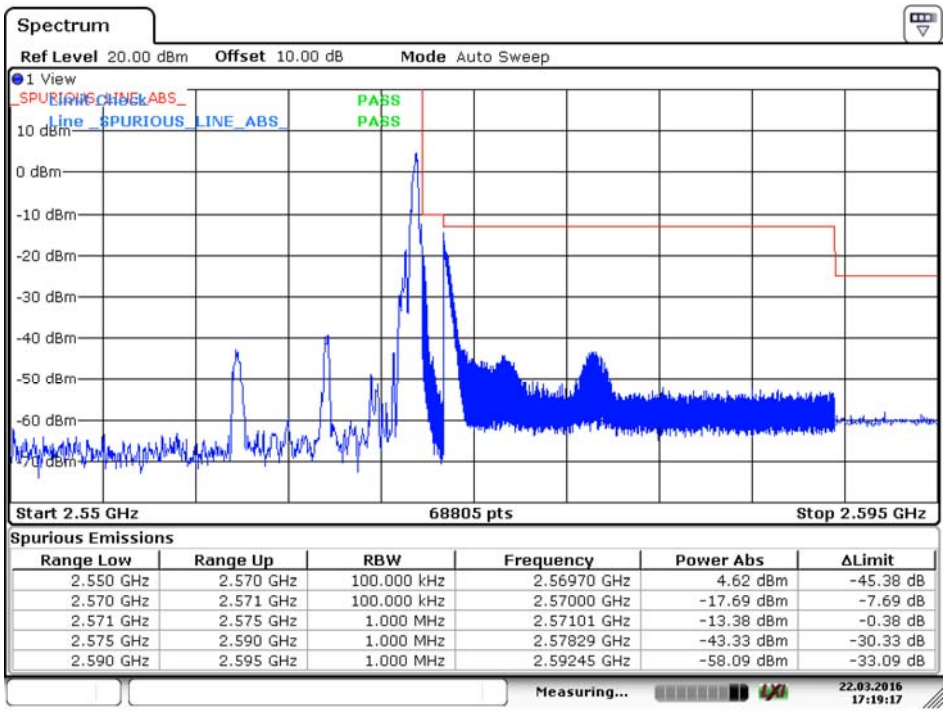
| Band | LTE Band 7 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 5MHz | | |




Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM -RB Size 25, RB Offset 0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56970 GHz | 4.62 dBm | -45.38 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57000 GHz | -17.69 dBm | -7.69 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57101 GHz | -13.38 dBm | -0.38 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57829 GHz | -43.33 dBm | -30.33 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59245 GHz | -58.09 dBm | -33.09 dB |

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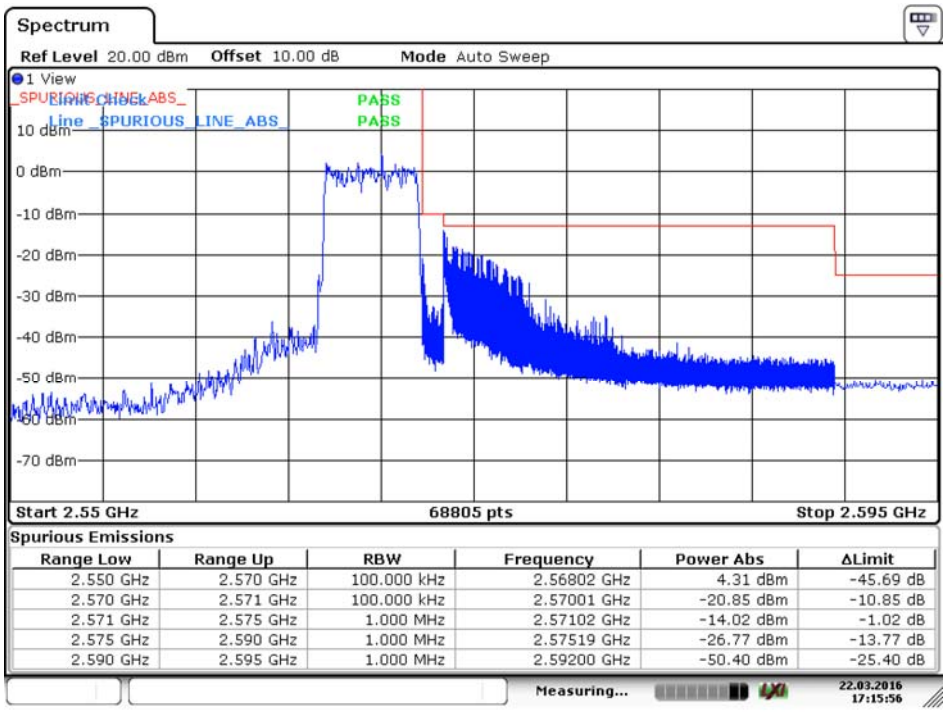
Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 24




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56802 GHz | 4.31 dBm | -45.69 dB |
| 2.570 GHz | 2.571 GHz | 100.000 kHz | 2.57001 GHz | -20.85 dBm | -10.85 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57102 GHz | -14.02 dBm | -1.02 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57519 GHz | -26.77 dBm | -13.77 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59200 GHz | -50.40 dBm | -25.40 dB |

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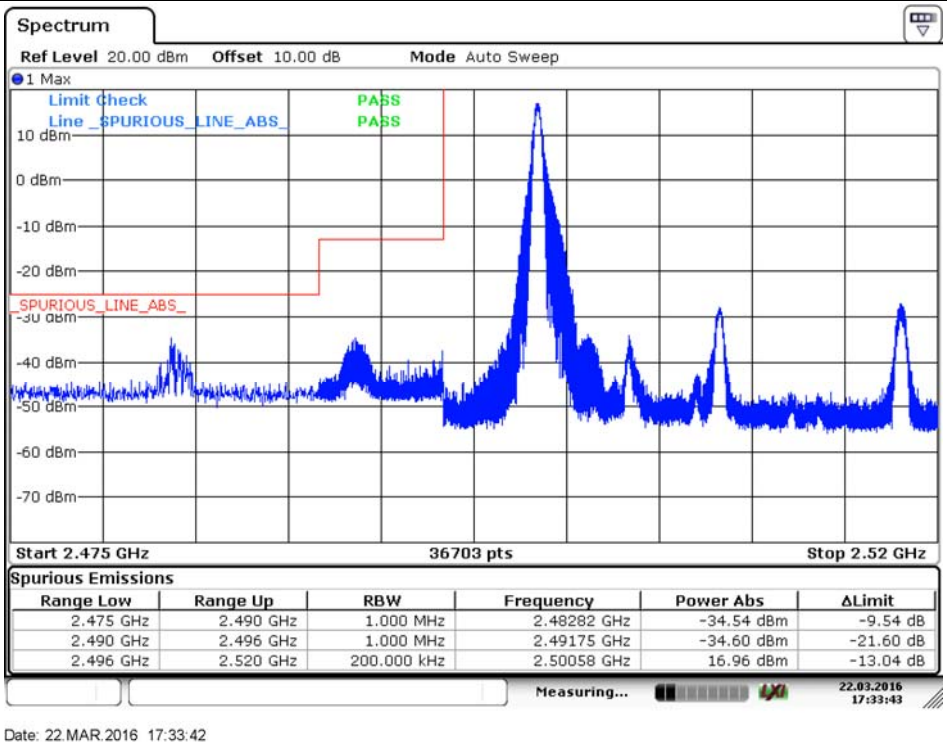
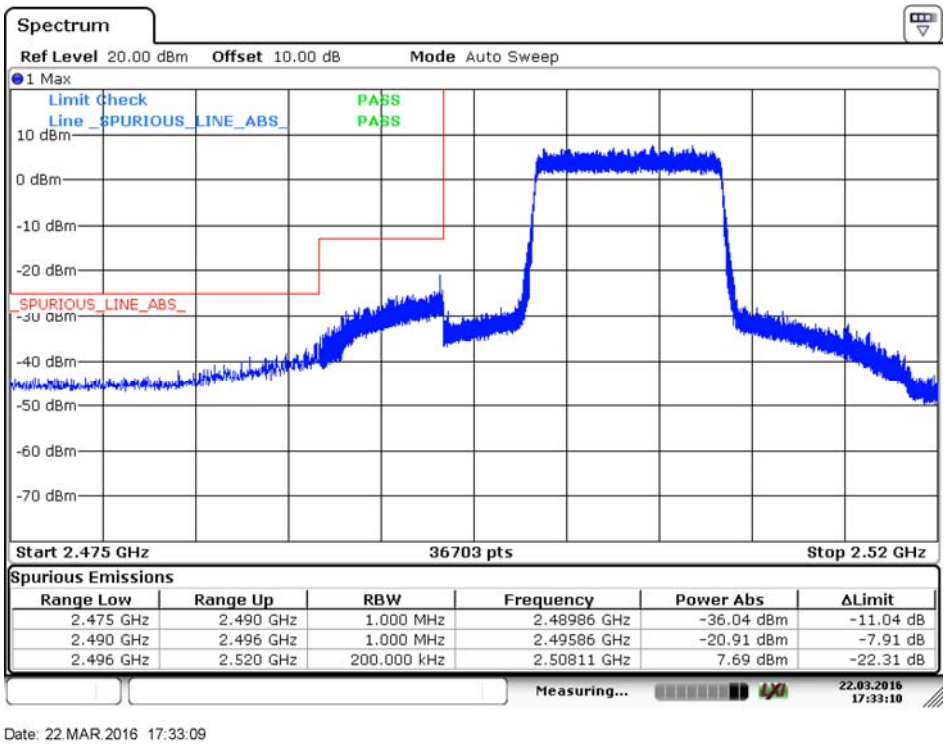
Higher Band Edge Plot for 16QAM -RB Size 25, RB Offset 0

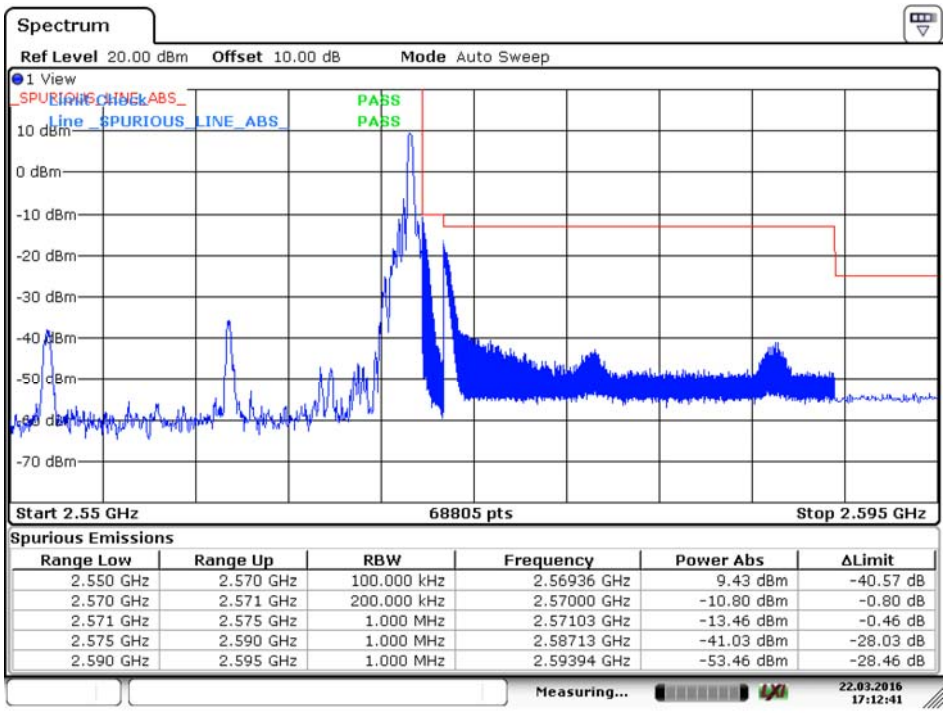
| Band | LTE Band 7 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 10MHz | | |




Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0




Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56936 GHz | 9.43 dBm | -40.57 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57000 GHz | -10.80 dBm | -0.80 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57103 GHz | -13.46 dBm | -0.46 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.58713 GHz | -41.03 dBm | -28.03 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59394 GHz | -53.46 dBm | -28.46 dB |

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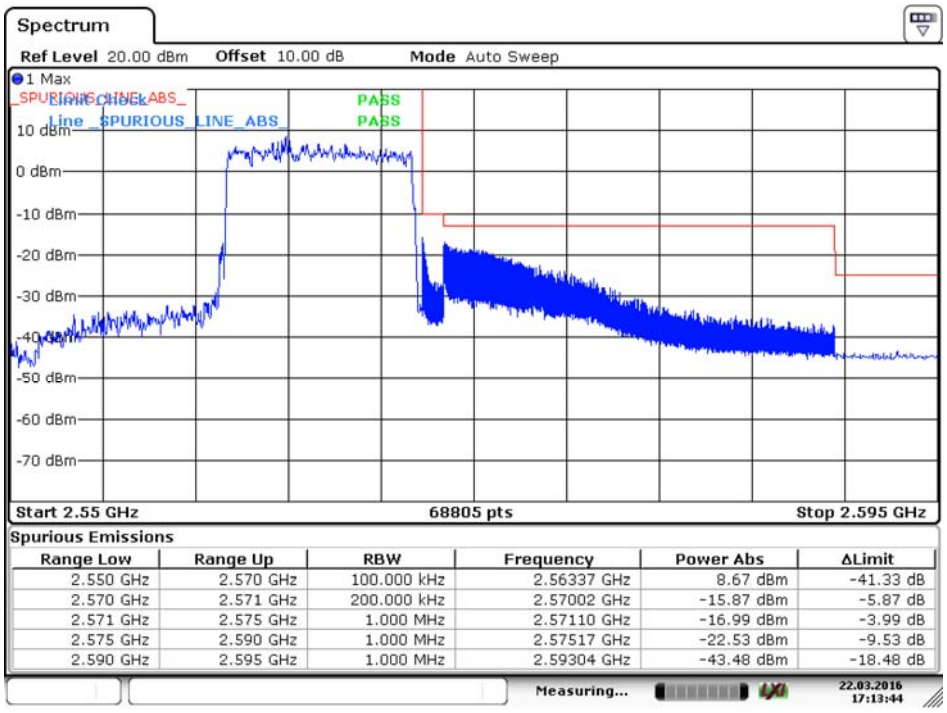
Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 49




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56337 GHz | 8.67 dBm | -41.33 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57002 GHz | -15.87 dBm | -5.87 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57110 GHz | -16.99 dBm | -3.99 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57517 GHz | -22.53 dBm | -9.53 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59304 GHz | -43.48 dBm | -18.48 dB |

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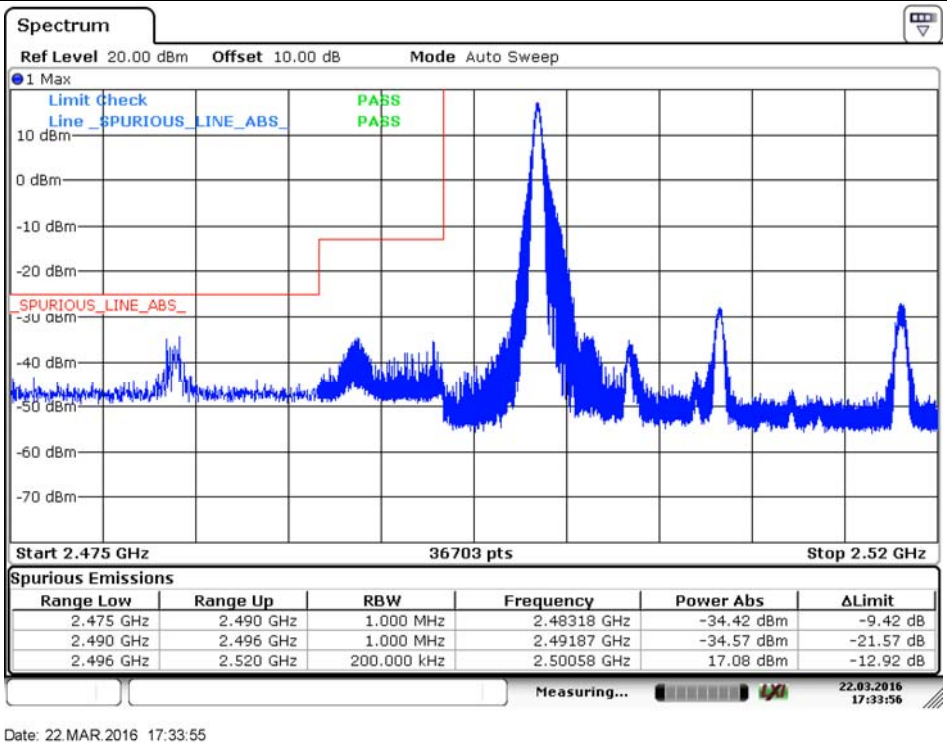
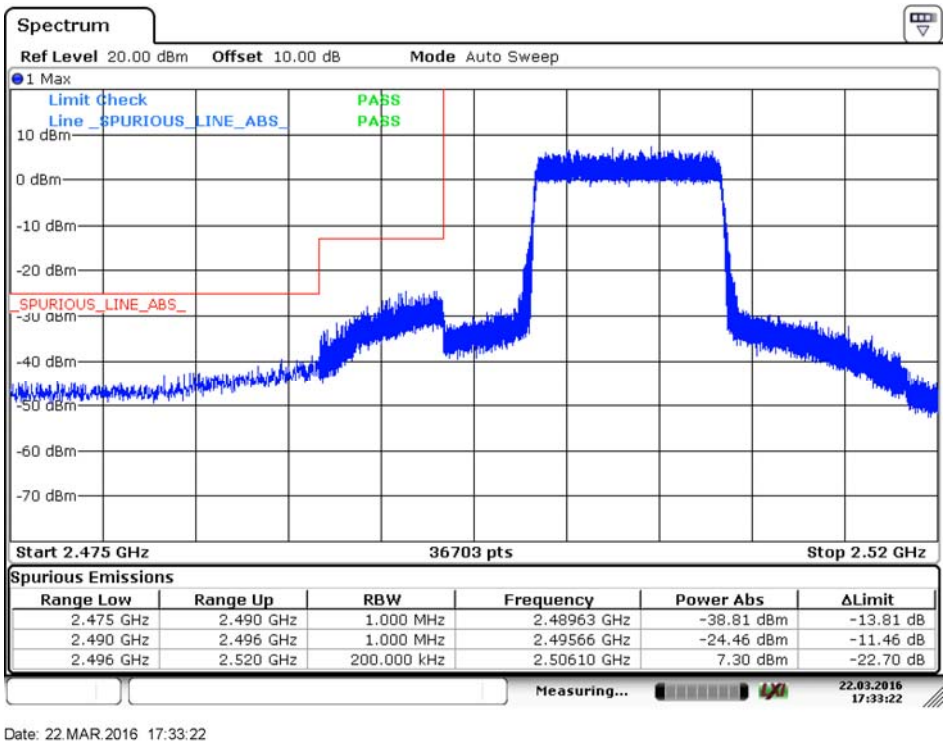
Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0

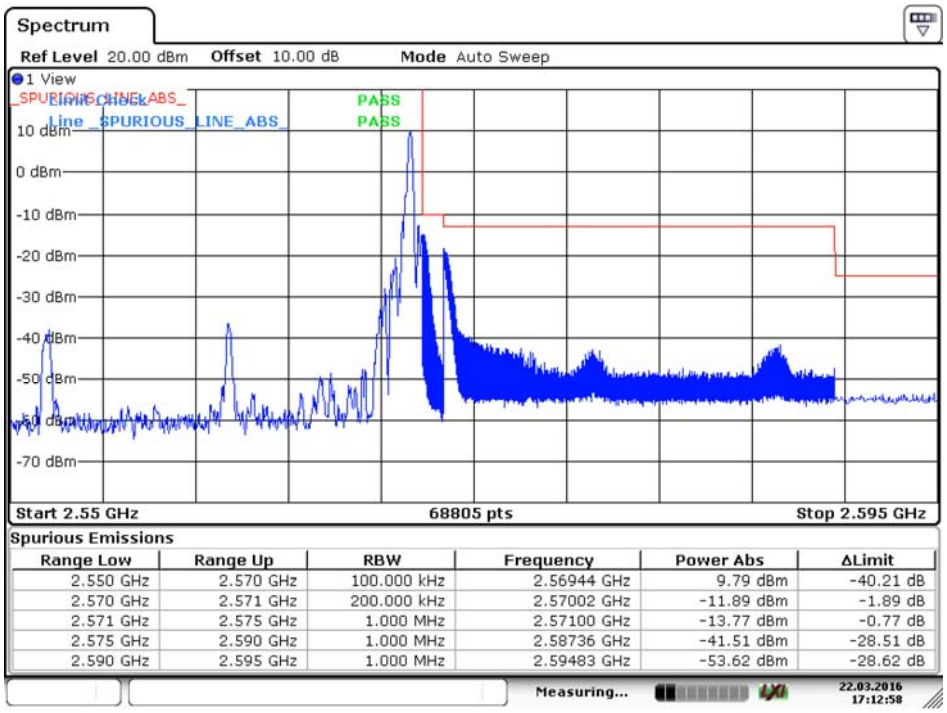
| Band | LTE Band 7 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 10MHz | | |




Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM -RB Size 50, RB Offset 0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56944 GHz | 9.79 dBm | -40.21 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57002 GHz | -11.89 dBm | -1.89 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57100 GHz | -13.77 dBm | -0.77 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.58736 GHz | -41.51 dBm | -28.51 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59483 GHz | -53.62 dBm | -28.62 dB |

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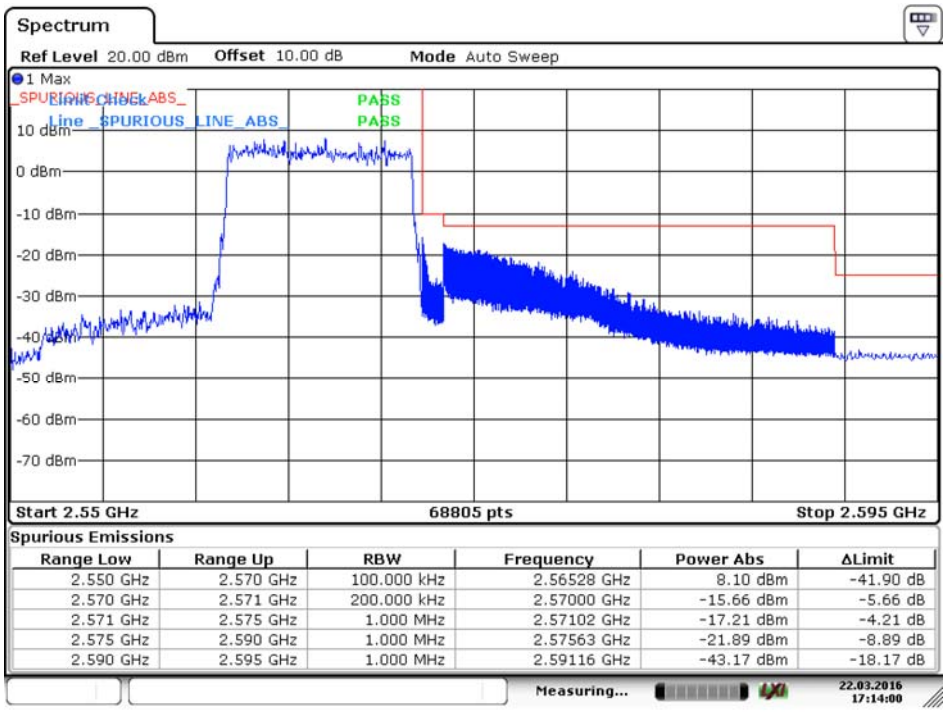
Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 49




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56528 GHz | 8.10 dBm | -41.90 dB |
| 2.570 GHz | 2.571 GHz | 200.000 kHz | 2.57000 GHz | -15.66 dBm | -5.66 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57102 GHz | -17.21 dBm | -4.21 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57563 GHz | -21.89 dBm | -8.89 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59116 GHz | -43.17 dBm | -18.17 dB |

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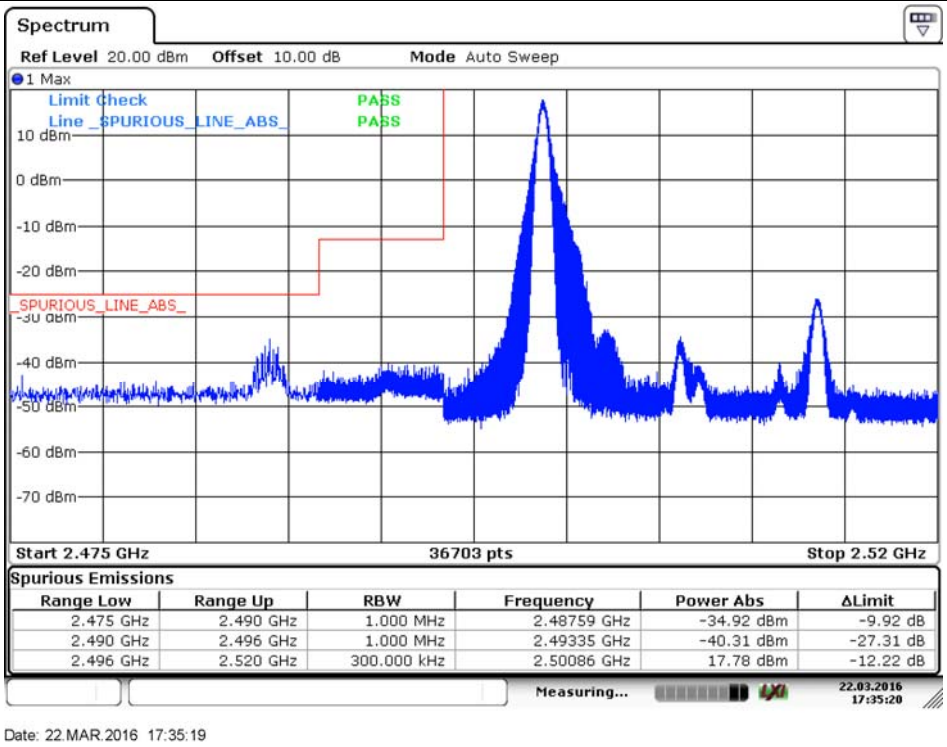
Higher Band Edge Plot for 16QAM -RB Size 50, RB Offset 0

| Band | LTE Band 7 | Modulation | QPSK |
|---|---|---|---|
| Bandwidth | 15MHz | | |

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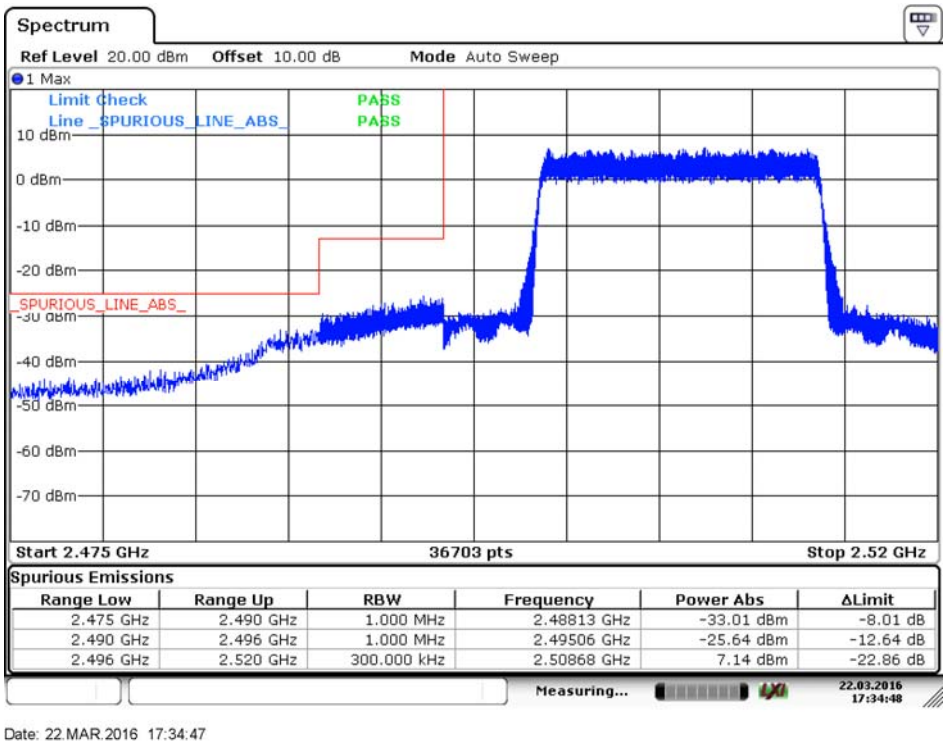
Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0

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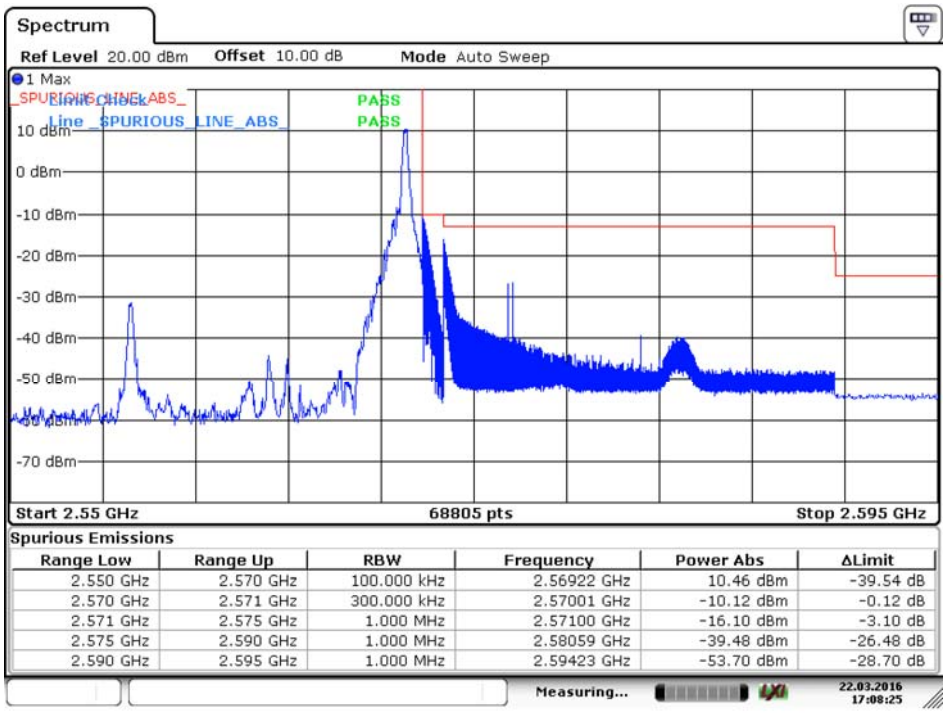
Lower Band Edge Plot for QPSK -RB Size 75, RB Offset 0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56922 GHz | 10.46 dBm | -39.54 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57001 GHz | -10.12 dBm | -0.12 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57100 GHz | -16.10 dBm | -3.10 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.58059 GHz | -39.48 dBm | -26.48 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59423 GHz | -53.70 dBm | -28.70 dB |

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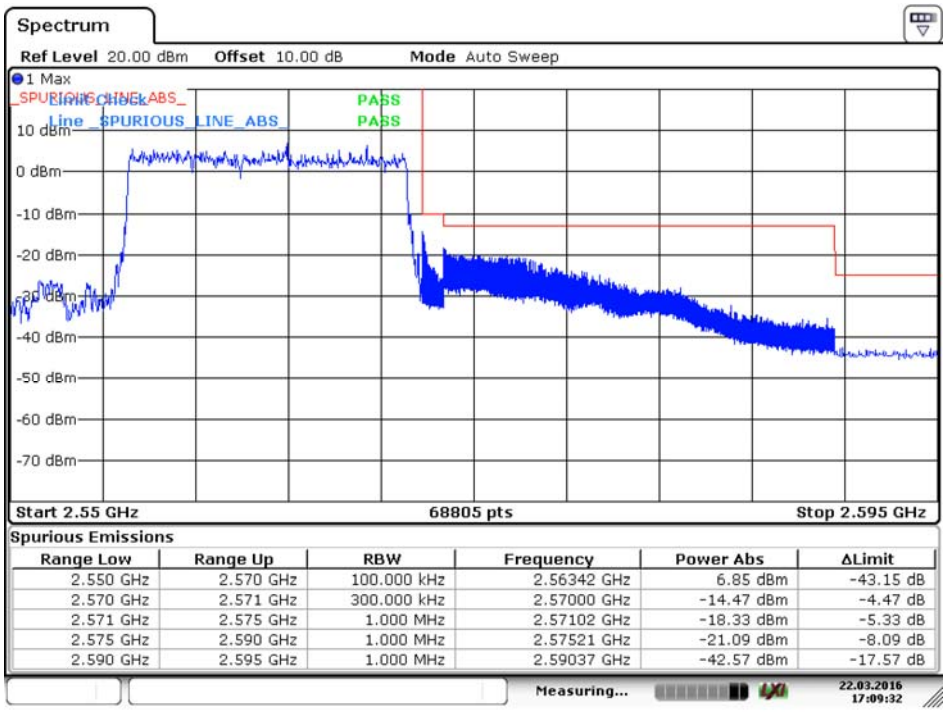
Higher Band Edge Plot for QPSK -RB Size 1, RB Offset 74




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56342 GHz | 6.85 dBm | -43.15 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57000 GHz | -14.47 dBm | -4.47 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57102 GHz | -18.33 dBm | -5.33 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57521 GHz | -21.09 dBm | -8.09 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59037 GHz | -42.57 dBm | -17.57 dB |

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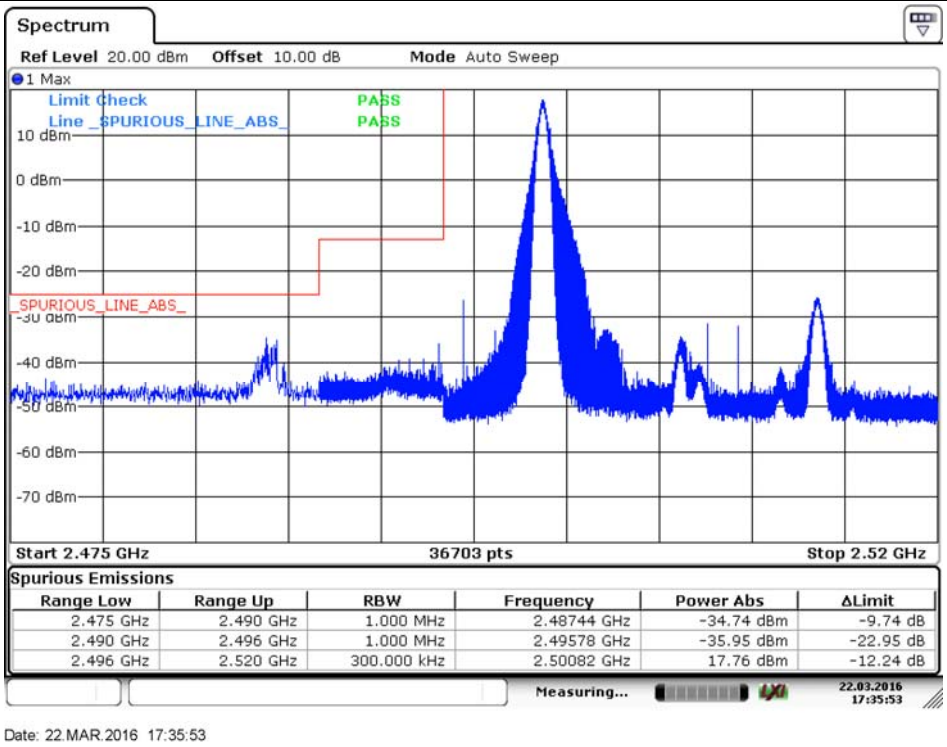
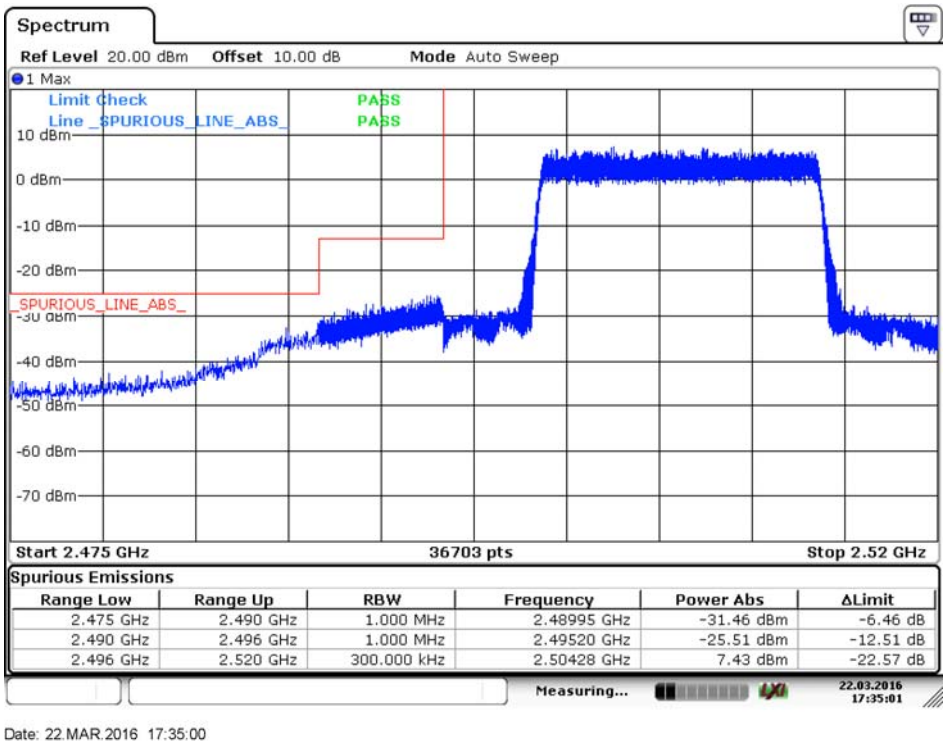
Higher Band Edge Plot for QPSK -RB Size 75, RB Offset 0

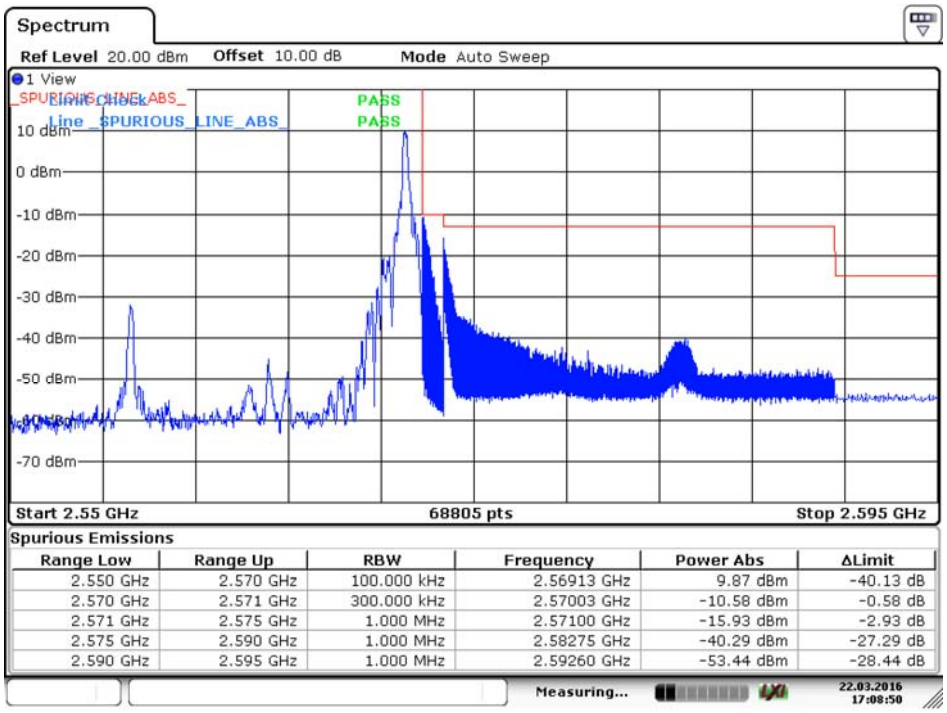
| Band | LTE Band 7 | Modulation | 16QAM |
|---|---|---|---|
| Bandwidth | 15MHz | | |




Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0




Lower Band Edge Plot for 16QAM -RB Size 75, RB Offset 0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56913 GHz | 9.87 dBm | -40.13 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57003 GHz | -10.58 dBm | -0.58 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57100 GHz | -15.93 dBm | -2.93 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.58275 GHz | -40.29 dBm | -27.29 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59260 GHz | -53.44 dBm | -28.44 dB |

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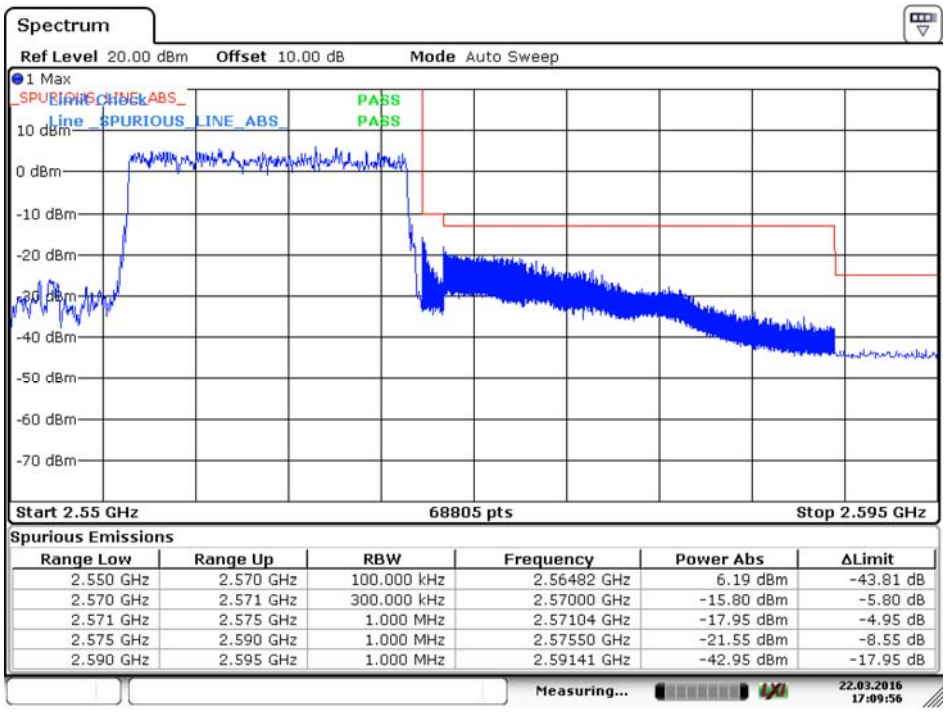
Higher Band Edge Plot for 16QAM -RB Size 1, RB Offset 74




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.550 GHz | 2.570 GHz | 100.000 kHz | 2.56482 GHz | 6.19 dBm | -43.81 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57000 GHz | -15.80 dBm | -5.80 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57104 GHz | -17.95 dBm | -4.95 dB |
| 2.575 GHz | 2.590 GHz | 1.000 MHz | 2.57550 GHz | -21.55 dBm | -8.55 dB |
| 2.590 GHz | 2.595 GHz | 1.000 MHz | 2.59141 GHz | -42.95 dBm | -17.95 dB |

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Higher Band Edge Plot for 16QAM -RB Size 75, RB Offset 0