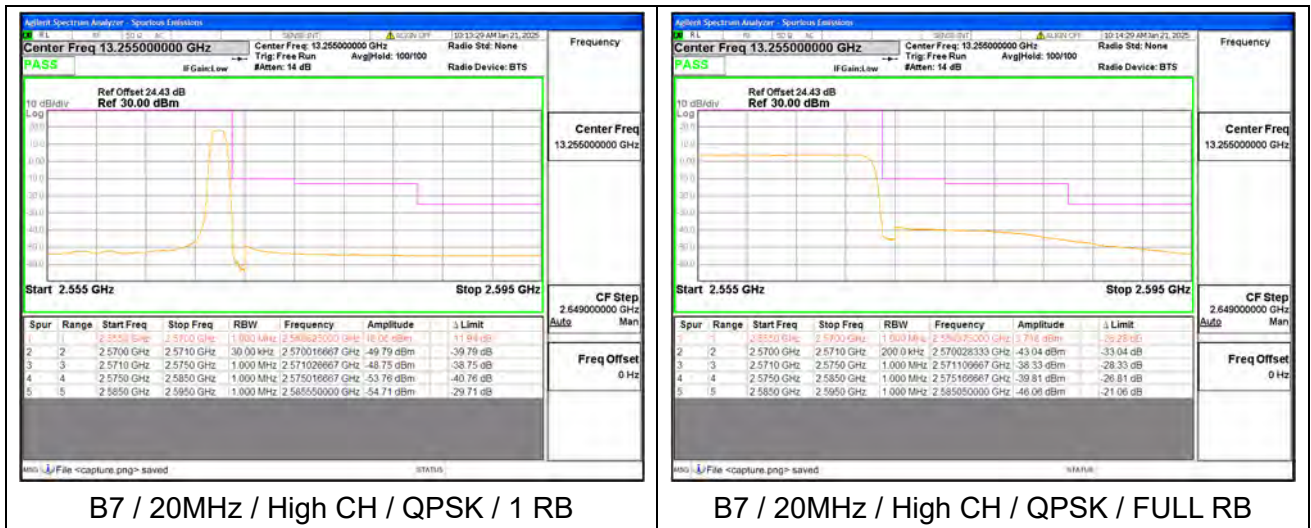




REPORT No.: SZ24100003W08



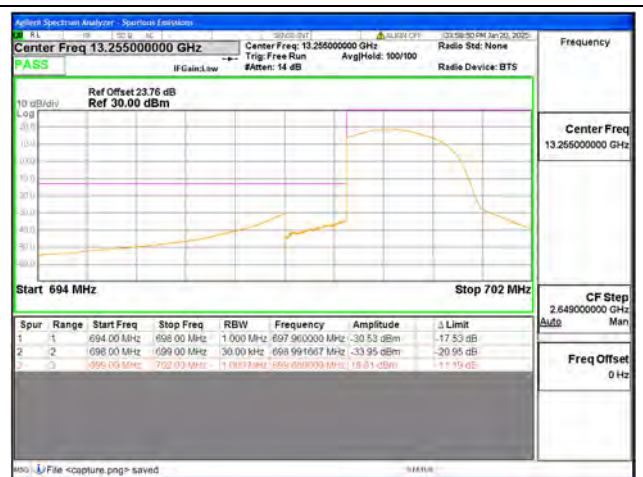


REPORT No.: SZ24100003W08





B12 / 1.4MHz / Low CH / QPSK / 1 RB



B12 / 1.4MHz / Low CH / QPSK / FULL RB



B12 / 1.4MHz / High CH / QPSK / 1 RB



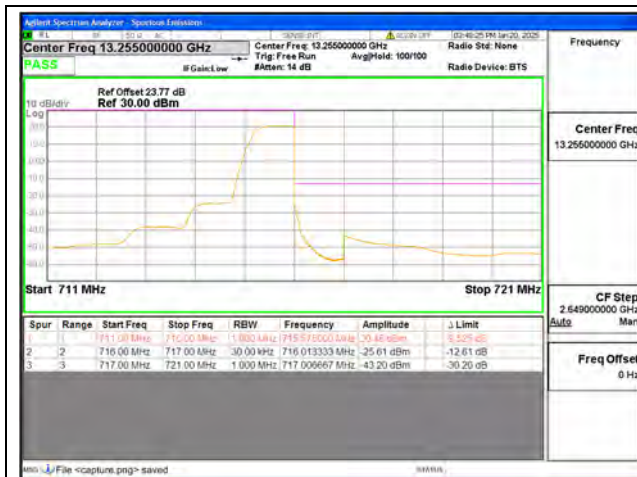
B12 / 1.4MHz / High CH / QPSK / FULL RB



B12 / 3MHz / Low CH / QPSK / 1 RB



B12 / 3MHz / Low CH / QPSK / FULL RB



B12 / 3MHz / High CH / QPSK / 1 RB



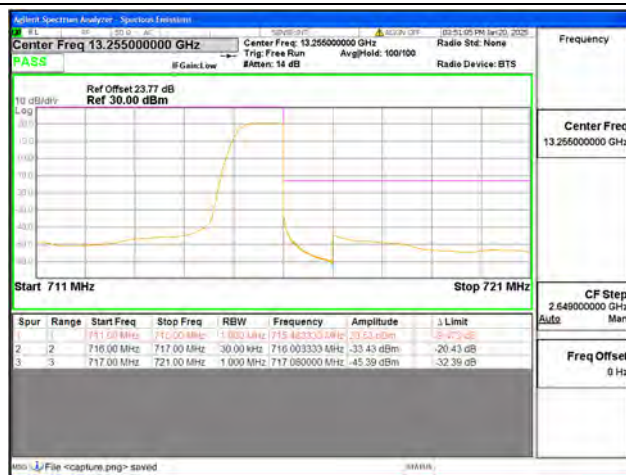
B12 / 3MHz / High CH / QPSK / FULL RB



B12 / 5MHz / Low CH / QPSK / 1 RB



B12 / 5MHz / Low CH / QPSK / FULL RB



B12 / 5MHz / High CH / QPSK / 1 RB



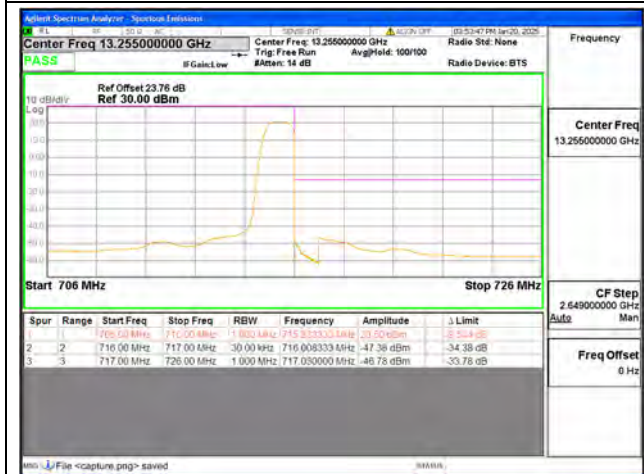
B12 / 5MHz / High CH / QPSK / FULL RB



B12 / 10MHz / Low CH / QPSK / 1 RB



B12 / 10MHz / Low CH / QPSK / FULL RB



B12 / 10MHz / High CH / QPSK / 1 RB



B12 / 10MHz / High CH / QPSK / FULL RB



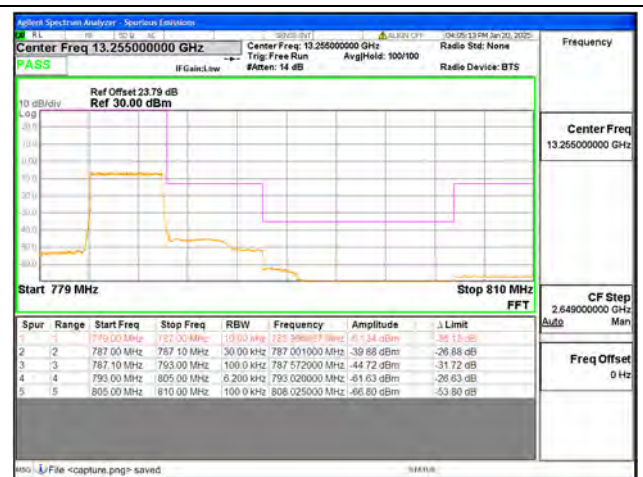
B13 / 5MHz / Low CH / QPSK / 1 RB



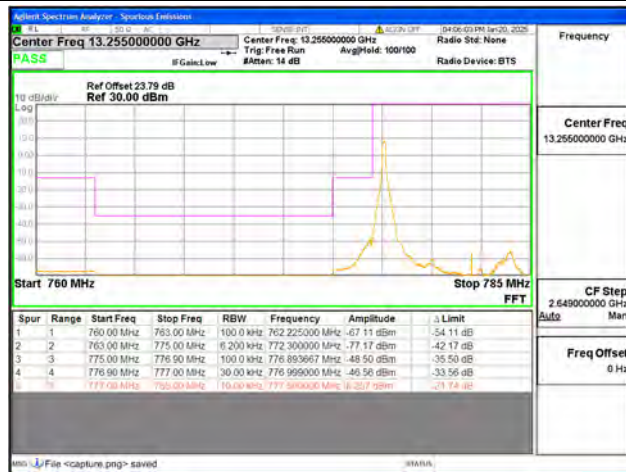
B13 / 5MHz / Low CH / QPSK / FULL RB



B13 / 5MHz / High CH / QPSK / 1 RB



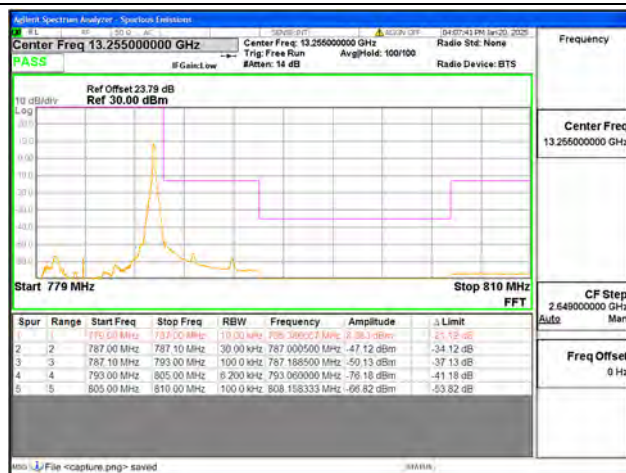
B13 / 5MHz / High CH / QPSK / FULL RB



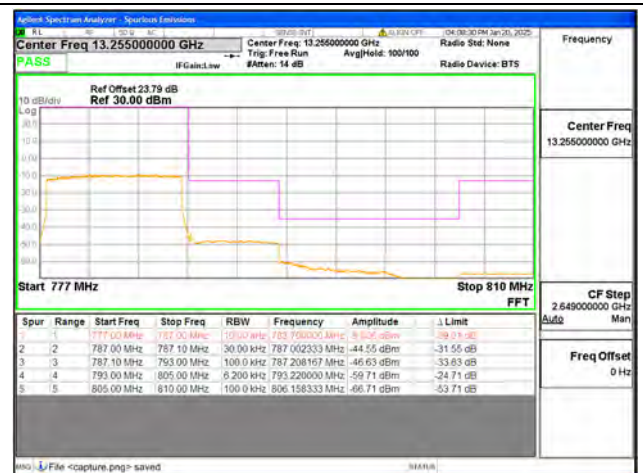
B13 / 10MHz / Low CH / QPSK / 1 RB



B13 / 10MHz / Low CH / QPSK / FULL RB



B13 / 10MHz / High CH / QPSK / 1 RB



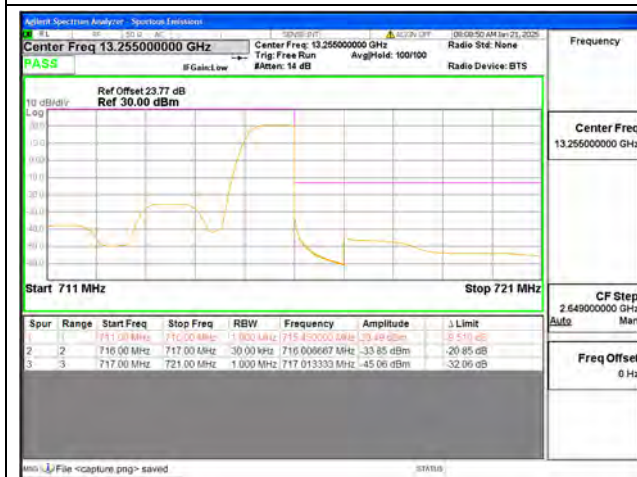
B13 / 10MHz / High CH / QPSK / FULL RB



B17 / 5MHz / Low CH / QPSK / 1 RB



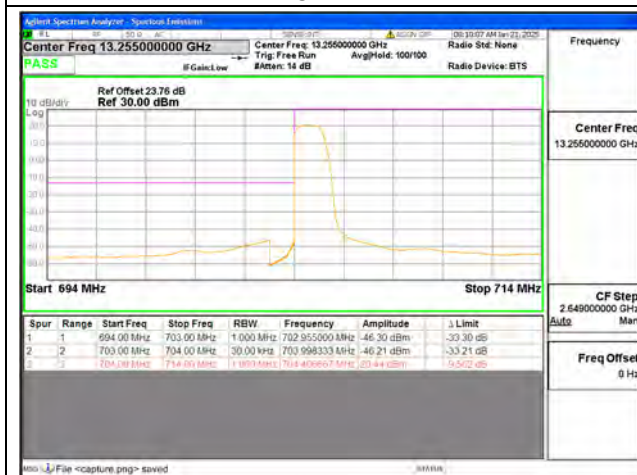
B17 / 5MHz / Low CH / QPSK / FULL RB



B17 / 5MHz / High CH / QPSK / 1 RB



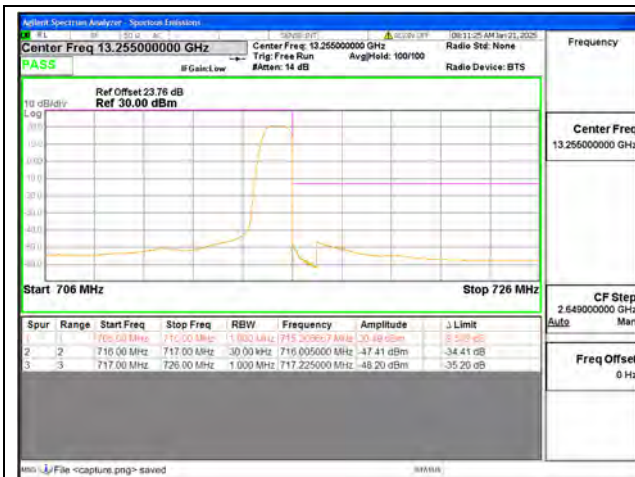
B17 / 5MHz / High CH / QPSK / FULL RB



B17 / 10MHz / Low CH / QPSK / 1 RB



B17 / 10MHz / Low CH / QPSK / FULL RB



B17 / 10MHz / High CH / QPSK / 1 RB



B17 / 10MHz / High CH / QPSK / FULL RB



B19 / 5MHz / Low CH / QPSK / 1 RB



B19 / 5MHz / Low CH / QPSK / FULL RB



B19 / 5MHz / High CH / QPSK / 1 RB



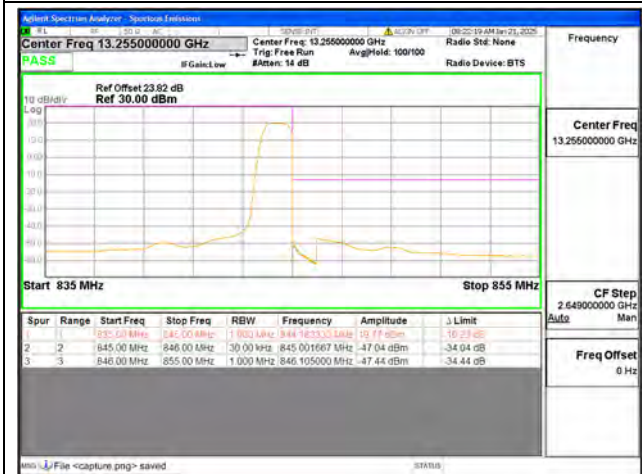
B19 / 5MHz / High CH / QPSK / FULL RB



B19 / 10MHz / Low CH / QPSK / 1 RB



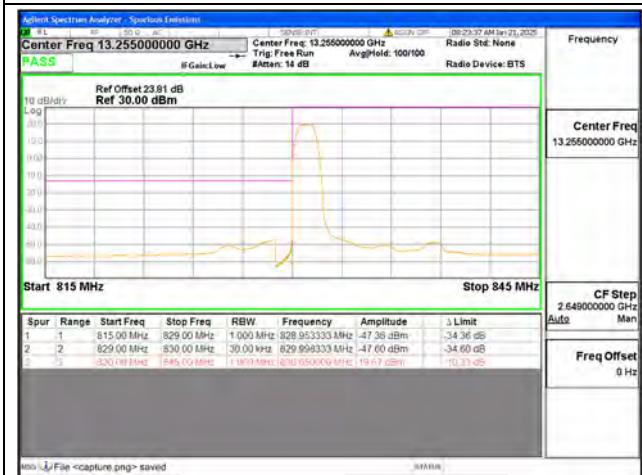
B19 / 10MHz / Low CH / QPSK / FULL RB



B19 / 10MHz / High CH / QPSK / 1 RB



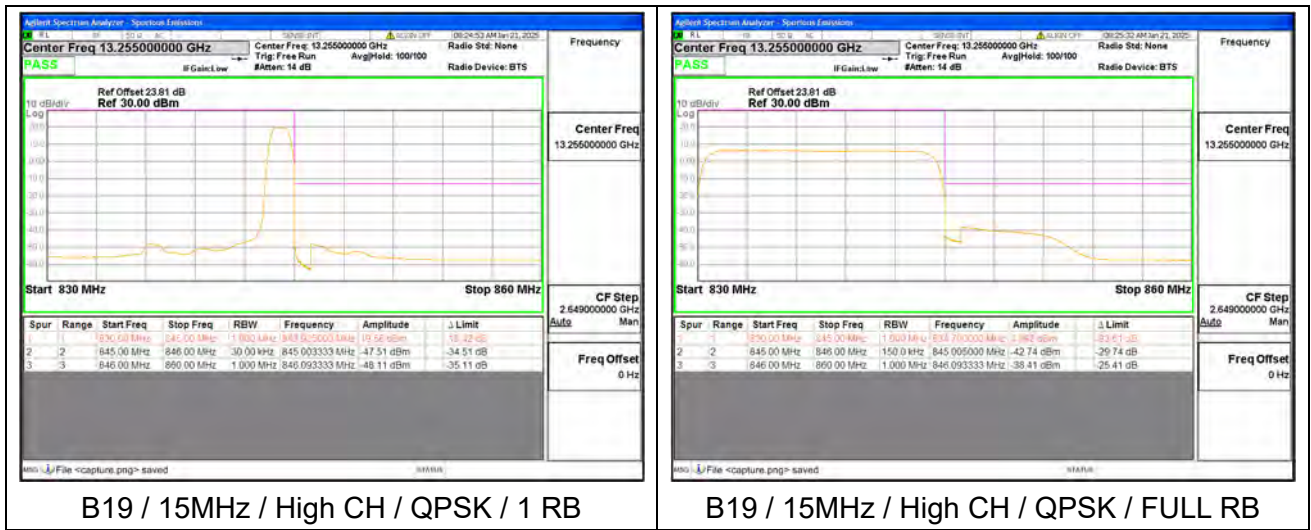
B19 / 10MHz / High CH / QPSK / FULL RB



B19 / 15MHz / Low CH / QPSK / 1 RB



B19 / 15MHz / Low CH / QPSK / FULL RB





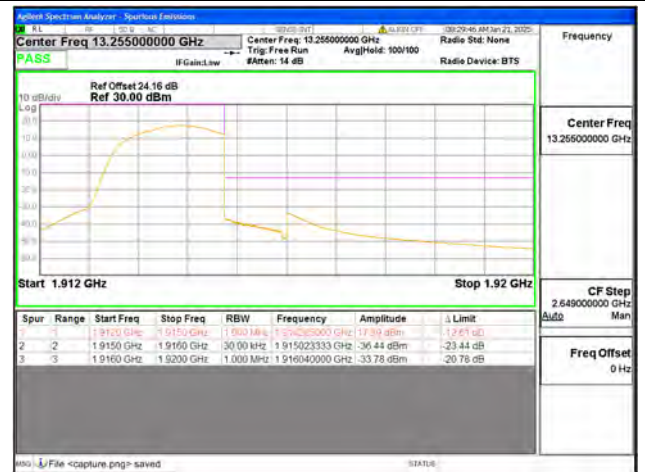
B25 / 1.4MHz / Low CH / QPSK / 1 RB



B25 / 1.4MHz / Low CH / QPSK / FULL RB



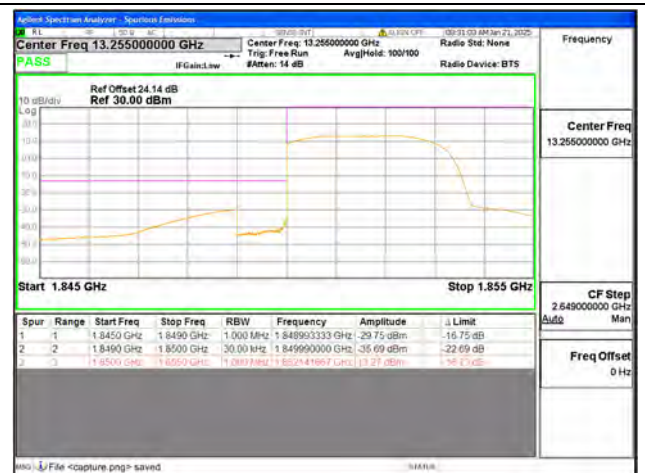
B25 / 1.4MHz / High CH / QPSK / 1 RB



B25 / 1.4MHz / High CH / QPSK / FULL RB



B25 / 3MHz / Low CH / QPSK / 1 RB



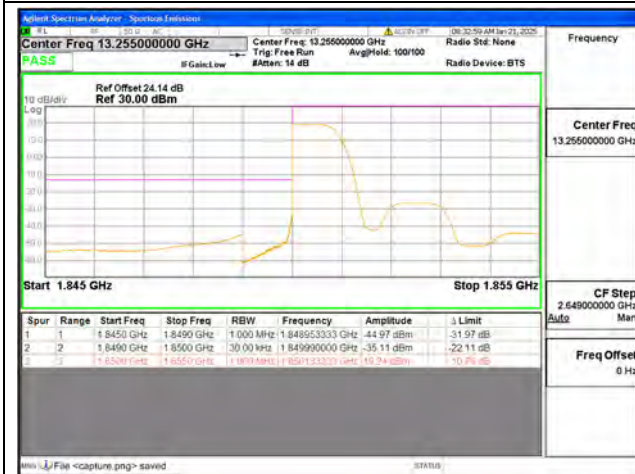
B25 / 3MHz / Low CH / QPSK / FULL RB



B25 / 3MHz / High CH / QPSK / 1 RB



B25 / 3MHz / High CH / QPSK / FULL RB



B25 / 5MHz / Low CH / QPSK / 1 RB



B25 / 5MHz / Low CH / QPSK / FULL RB



B25 / 5MHz / High CH / QPSK / 1 RB



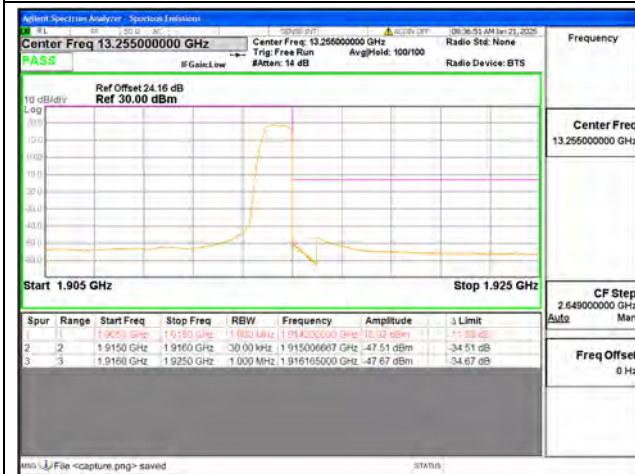
B25 / 5MHz / High CH / QPSK / FULL RB



B25 / 10MHz / Low CH / QPSK / 1 RB



B25 / 10MHz / Low CH / QPSK / FULL RB



B25 / 10MHz / High CH / QPSK / 1 RB



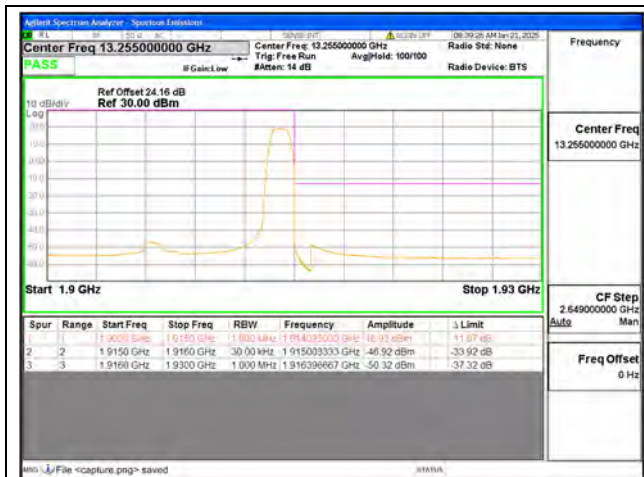
B25 / 10MHz / High CH / QPSK / FULL RB



B25 / 15MHz / Low CH / QPSK / 1 RB



B25 / 15MHz / Low CH / QPSK / FULL RB



B25 / 15MHz / High CH / QPSK / 1 RB



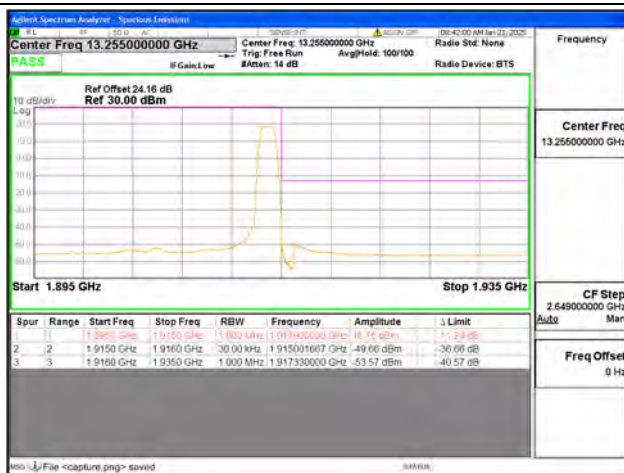
B25 / 15MHz / High CH / QPSK / FULL RB



B25 / 20MHz / Low CH / QPSK / 1 RB



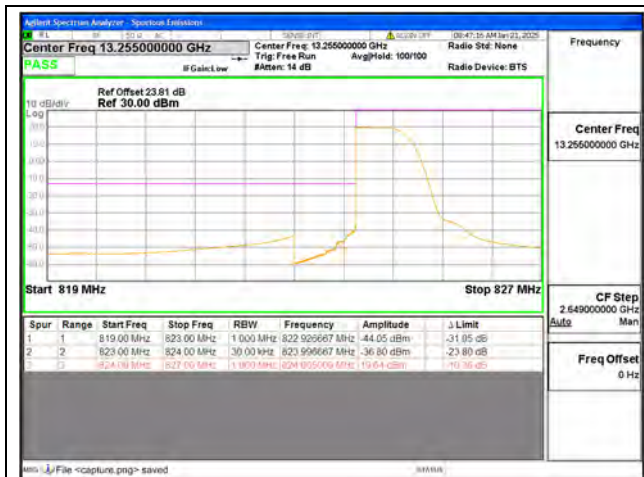
B25 / 20MHz / Low CH / QPSK / FULL RB



B25 / 20MHz / High CH / QPSK / 1 RB



B25 / 20MHz / High CH / QPSK / FULL RB



B26 / 1.4MHz / Low CH / QPSK / 1 RB



B26 / 1.4MHz / Low CH / QPSK / FULL RB



B26 / 1.4MHz / High CH / QPSK / 1 RB



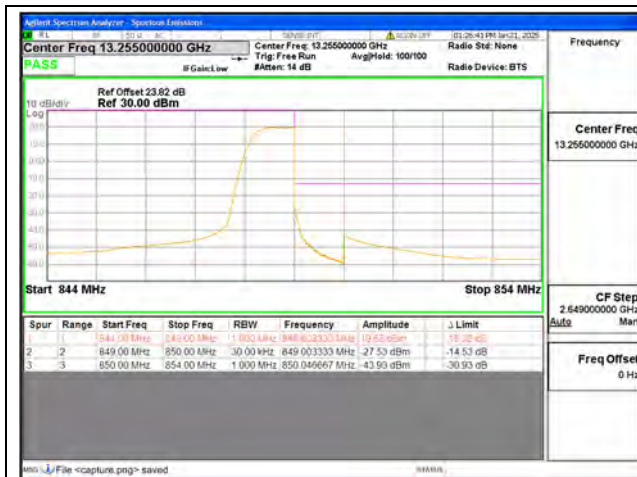
B26 / 1.4MHz / High CH / QPSK / FULL RB



B26 / 3MHz / Low CH / QPSK / 1 RB



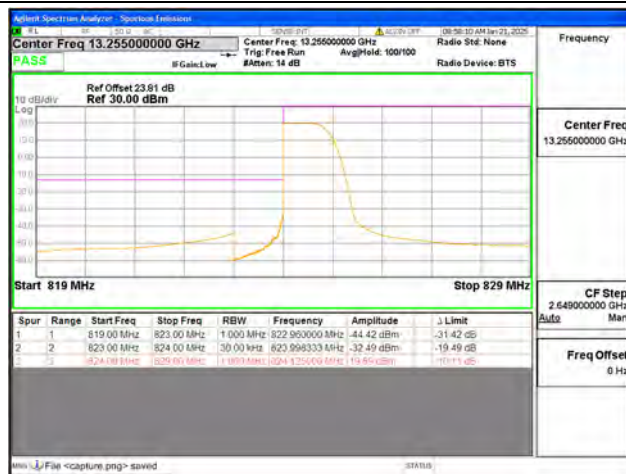
B26 / 3MHz / Low CH / QPSK / FULL RB



B26 / 3MHz / High CH / QPSK / 1 RB



B26 / 3MHz / High CH / QPSK / FULL RB



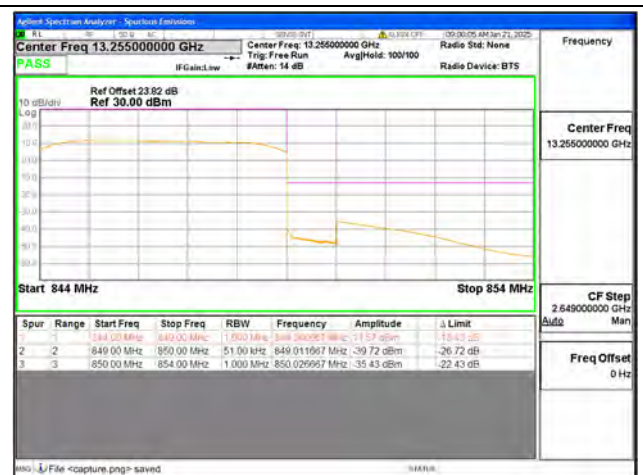
B26 / 5MHz / Low CH / QPSK / 1 RB



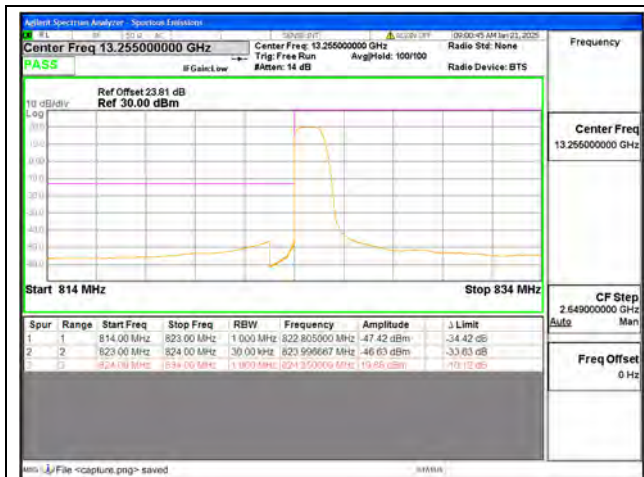
B26 / 5MHz / Low CH / QPSK / FULL RB



B26 / 5MHz / High CH / QPSK / 1 RB



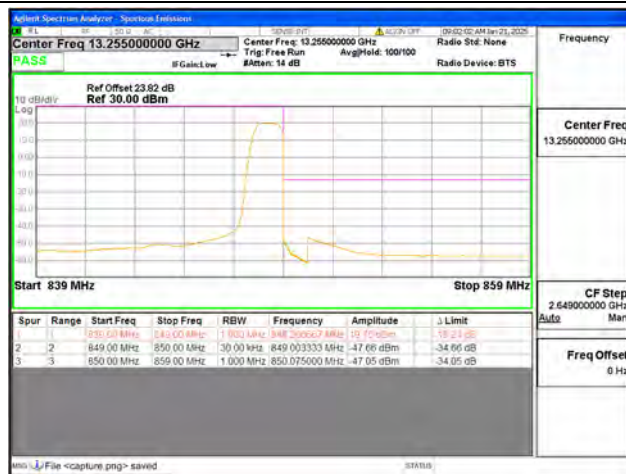
B26 / 5MHz / High CH / QPSK / FULL RB



B26 / 10MHz / Low CH / QPSK / 1 RB



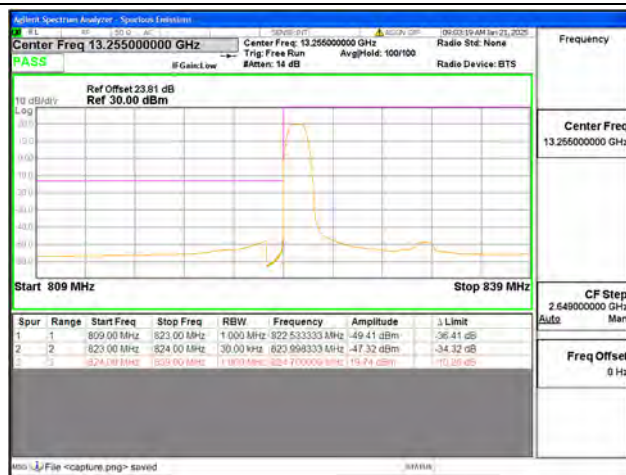
B26 / 10MHz / Low CH / QPSK / FULL RB



B26 / 10MHz / High CH / QPSK / 1 RB



B26 / 10MHz / High CH / QPSK / FULL RB



B26 / 15MHz / Low CH / QPSK / 1 RB



B26 / 15MHz / Low CH / QPSK / FULL RB





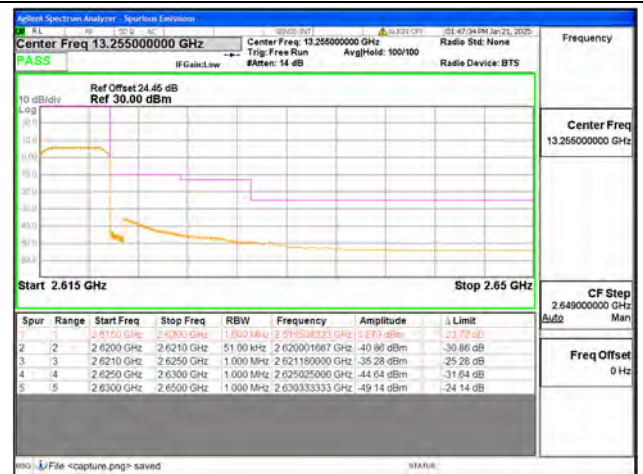
B38 / 5MHz / Low CH / QPSK / 1 RB



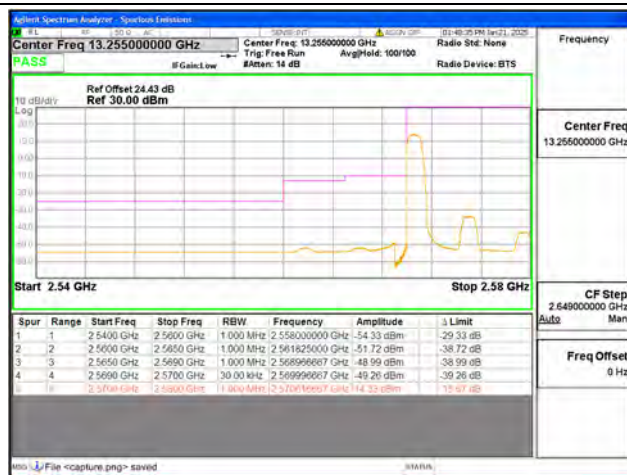
B38 / 5MHz / Low CH / QPSK / FULL RB



B38 / 5MHz / High CH / QPSK / 1 RB



B38 / 5MHz / High CH / QPSK / FULL RB



B38 / 10MHz / Low CH / QPSK / 1 RB



B38 / 10MHz / Low CH / QPSK / FULL RB



B38 / 10MHz / High CH / QPSK / 1 RB



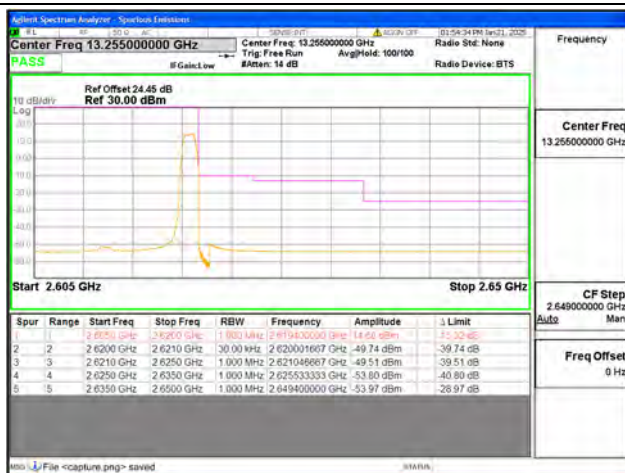
B38 / 10MHz / High CH / QPSK / FULL RB



B38 / 15MHz / Low CH / QPSK / 1 RB



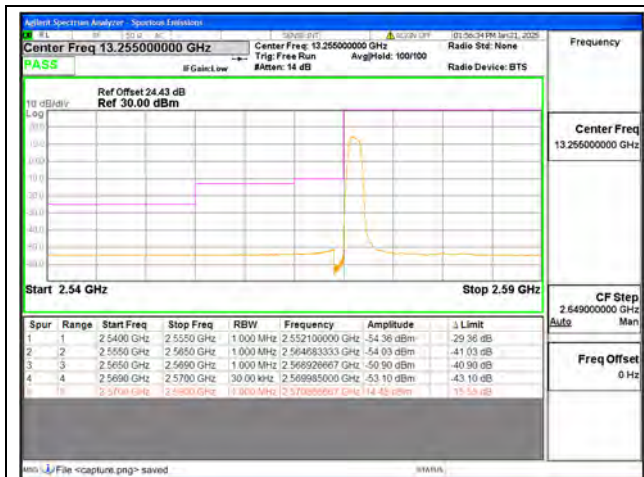
B38 / 15MHz / Low CH / QPSK / FULL RB



B38 / 15MHz / High CH / QPSK / 1 RB



B38 / 15MHz / High CH / QPSK / FULL RB



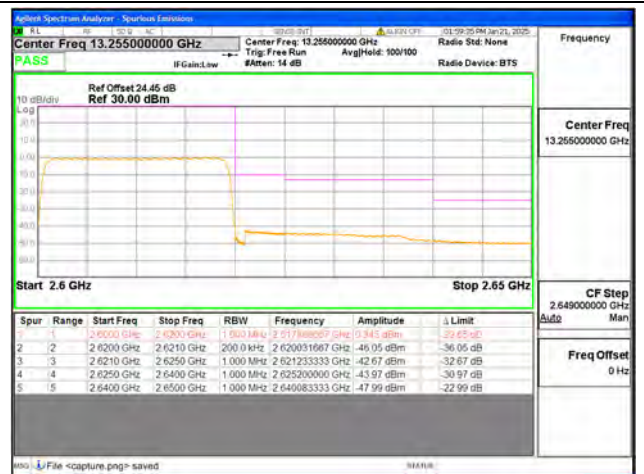
B38 / 20MHz / Low CH / QPSK / 1 RB



B38 / 20MHz / Low CH / QPSK / FULL RB



B38 / 20MHz / High CH / QPSK / 1 RB



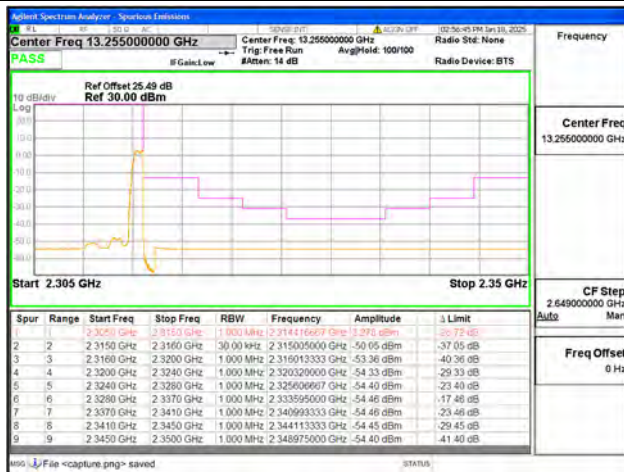
B38 / 20MHz / High CH / QPSK / FULL RB



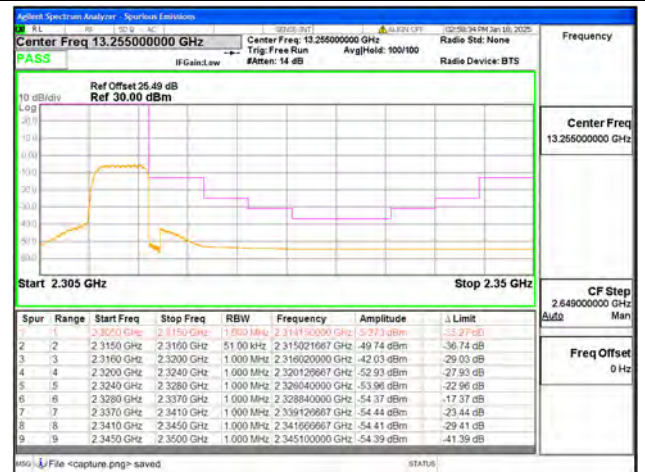
B40-1 / 5MHz / Low CH / QPSK / 1 RB



B40-1 / 5MHz / Low CH / QPSK / FULL RB



B40-1 / 5MHz / High CH / QPSK / 1 RB



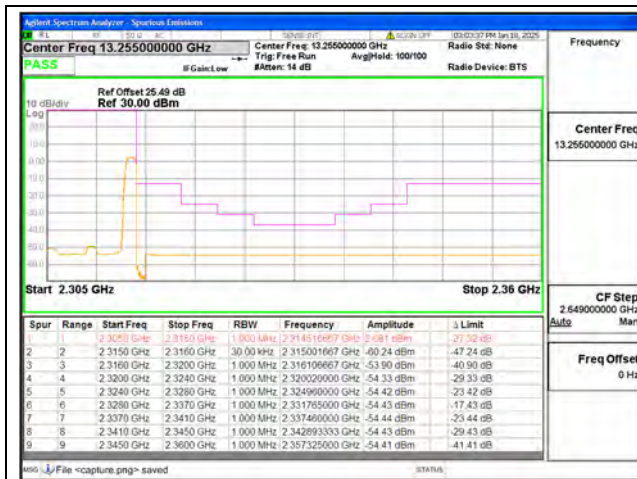
B40-1 / 5MHz / High CH / QPSK / FULL RB



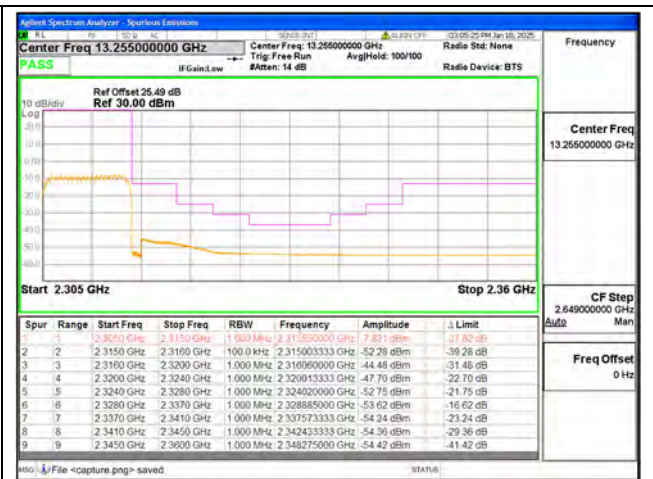
B40-1 / 10MHz / Low CH / QPSK / 1 RB



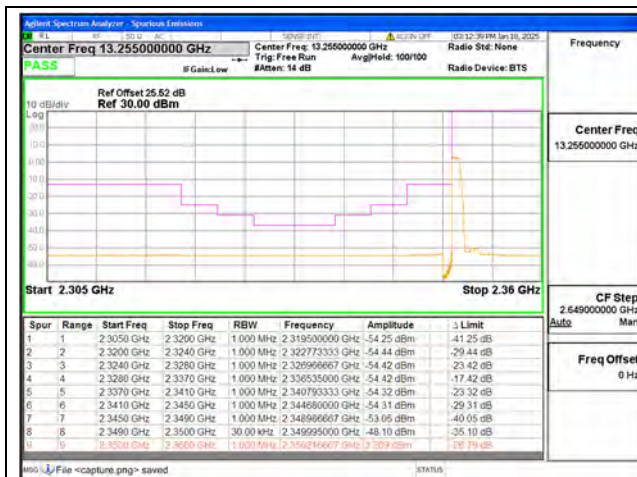
B40-1 / 10MHz / Low CH / QPSK / FULL RB



B40-1 / 10MHz / High CH / QPSK / 1 RB



B40-1 / 10MHz / High CH / QPSK / FULL RB



B40-2 / 5MHz / Low CH / QPSK / 1 RB



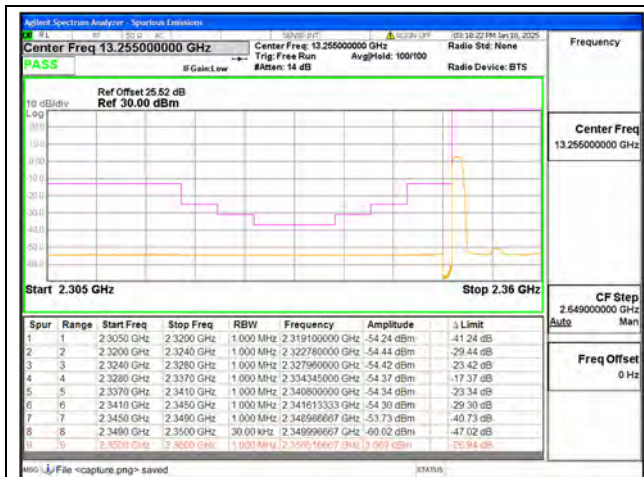
B40-2 / 5MHz / Low CH / QPSK / FULL RB



B40-2 / 5MHz / High CH / QPSK / 1 RB



B40-2 / 5MHz / High CH / QPSK / FULL RB



B40-2 / 10MHz / Low CH / QPSK / 1 RB



B40-2 / 10MHz / Low CH / QPSK / FULL RB



B40-2 / 10MHz / High CH / QPSK / 1 RB



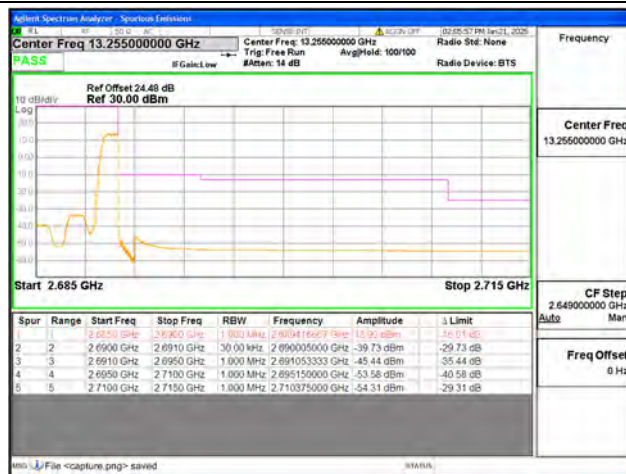
B40-2 / 10MHz / High CH / QPSK / FULL RB



B41 / 5MHz / Low CH / QPSK / 1 RB



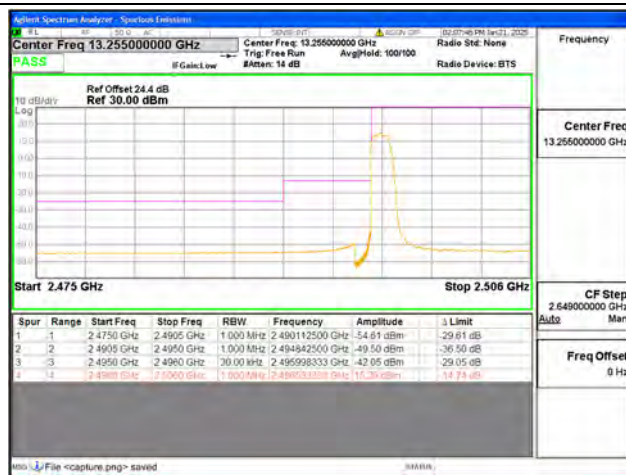
B41 / 5MHz / Low CH / QPSK / FULL RB



B41 / 5MHz / High CH / QPSK / 1 RB



B41 / 5MHz / High CH / QPSK / FULL RB



B41 / 10MHz / Low CH / QPSK / 1 RB



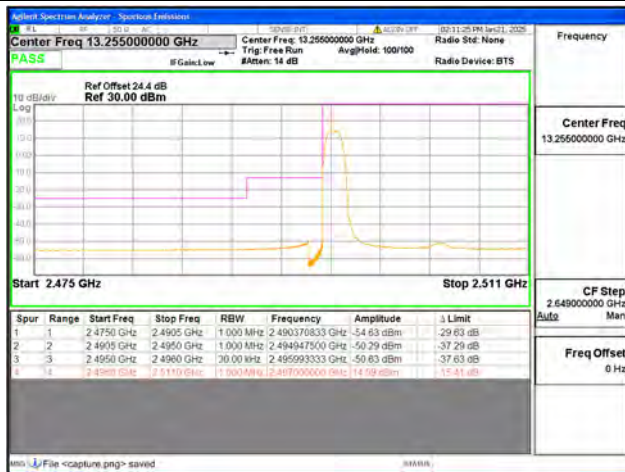
B41 / 10MHz / Low CH / QPSK / FULL RB



B41 / 10MHz / High CH / QPSK / 1 RB



B41 / 10MHz / High CH / QPSK / FULL RB



B41 / 15MHz / Low CH / QPSK / 1 RB



B41 / 15MHz / Low CH / QPSK / FULL RB



B41 / 15MHz / High CH / QPSK / 1 RB



B41 / 15MHz / High CH / QPSK / FULL RB



B41 / 20MHz / Low CH / QPSK / 1 RB



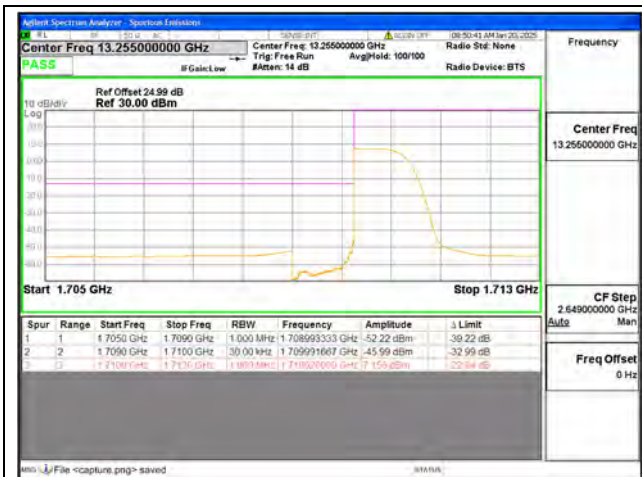
B41 / 20MHz / Low CH / QPSK / FULL RB



B41 / 20MHz / High CH / QPSK / 1 RB



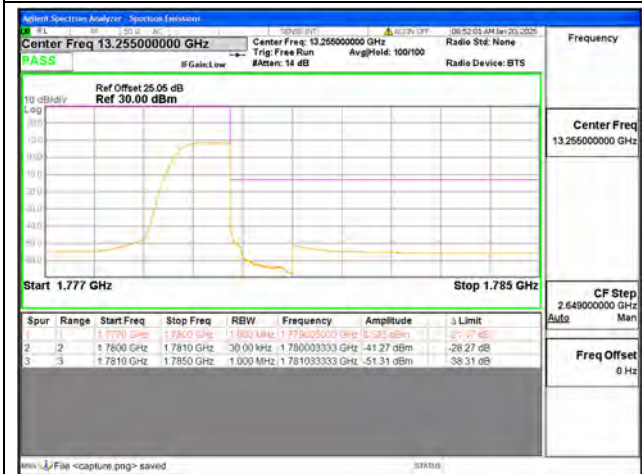
B41 / 20MHz / High CH / QPSK / FULL RB



B66 / 1.4MHz / Low CH / QPSK / 1 RB



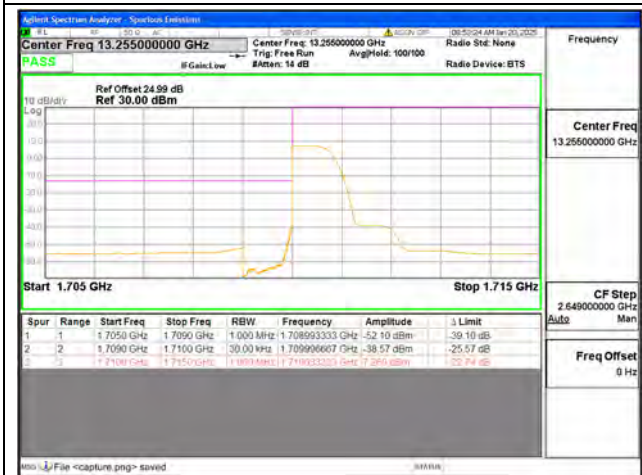
B66 / 1.4MHz / Low CH / QPSK / FULL RB



B66 / 1.4MHz / High CH / QPSK / 1 RB



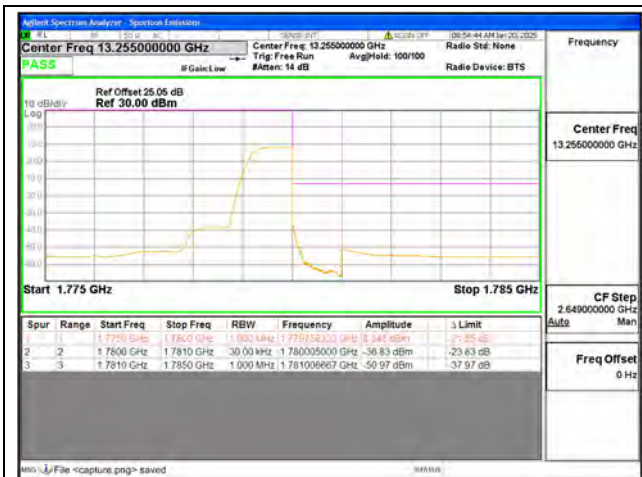
B66 / 1.4MHz / High CH / QPSK / FULL RB



B66 / 3MHz / Low CH / QPSK / 1 RB



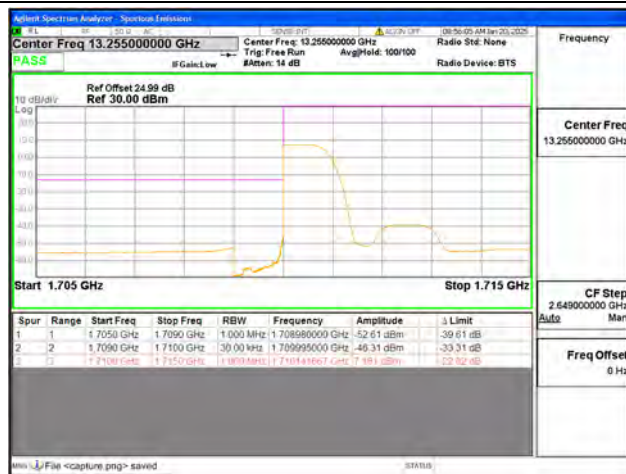
B66 / 3MHz / Low CH / QPSK / FULL RB



B66 / 3MHz / High CH / QPSK / 1 RB



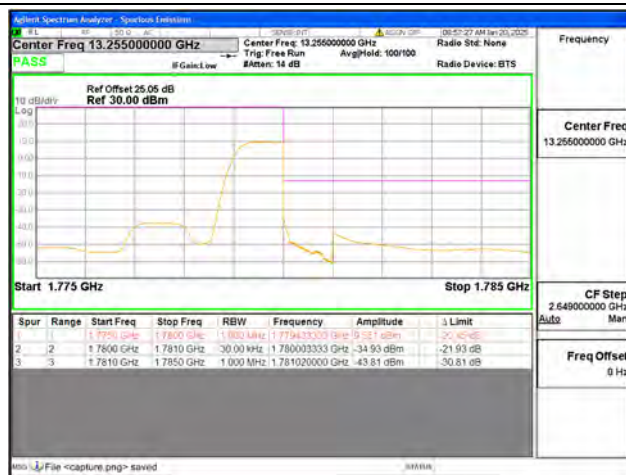
B66 / 3MHz / High CH / QPSK / FULL RB



B66 / 5MHz / Low CH / QPSK / 1 RB



B66 / 5MHz / Low CH / QPSK / FULL RB



B66 / 5MHz / High CH / QPSK / 1 RB



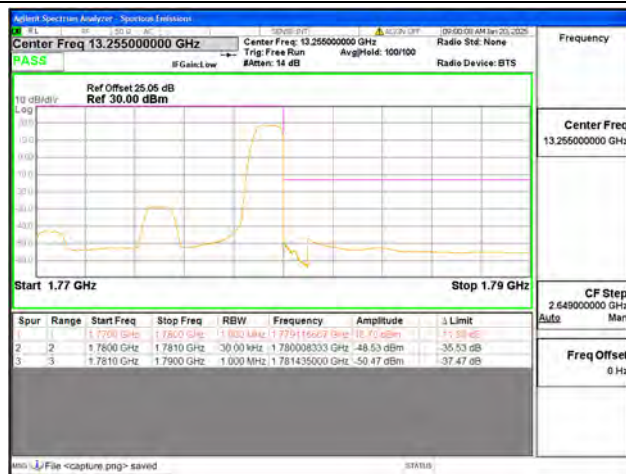
B66 / 5MHz / High CH / QPSK / FULL RB



B66 / 10MHz / Low CH / QPSK / 1 RB



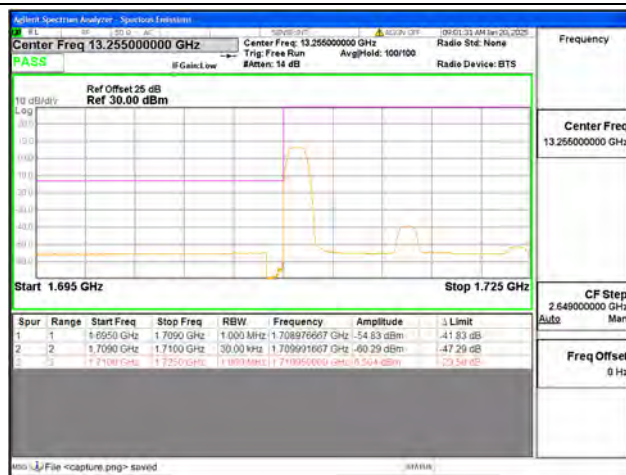
B66 / 10MHz / Low CH / QPSK / FULL RB



B66 / 10MHz / High CH / QPSK / 1 RB



B66 / 10MHz / High CH / QPSK / FULL RB



B66 / 15MHz / Low CH / QPSK / 1 RB



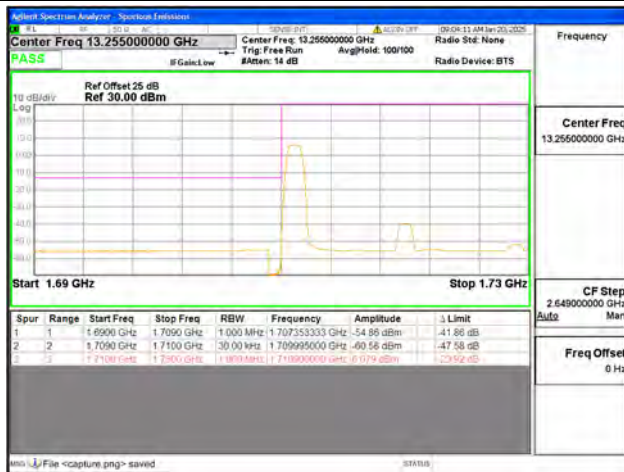
B66 / 15MHz / Low CH / QPSK / FULL RB



B66 / 15MHz / High CH / QPSK / 1 RB



B66 / 15MHz / High CH / QPSK / FULL RB



B66 / 20MHz / Low CH / QPSK / 1 RB



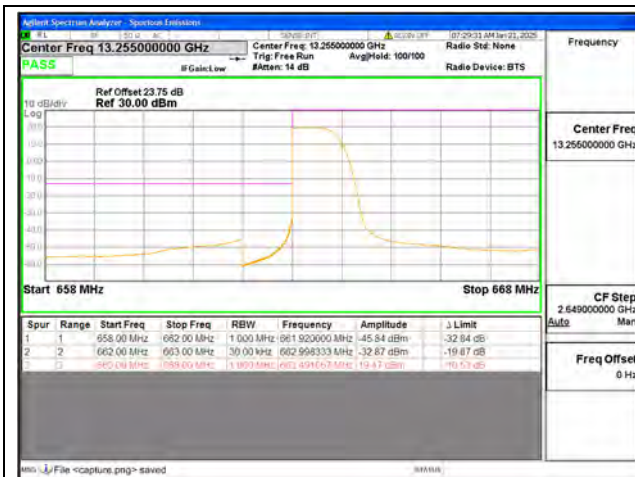
B66 / 20MHz / Low CH / QPSK / FULL RB



B66 / 20MHz / High CH / QPSK / 1 RB



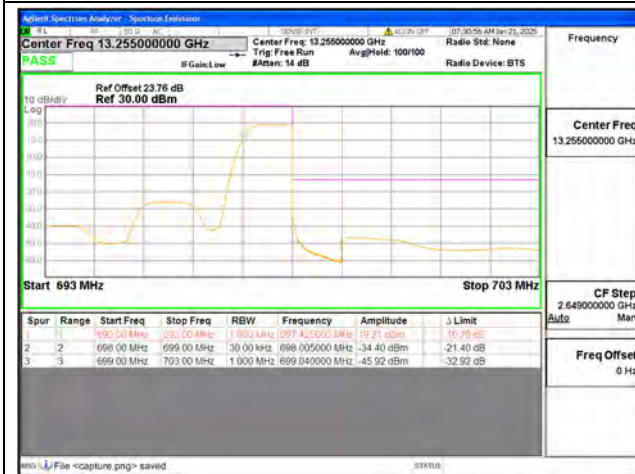
B66 / 20MHz / High CH / QPSK / FULL RB



B71 / 5MHz / Low CH / QPSK / 1 RB



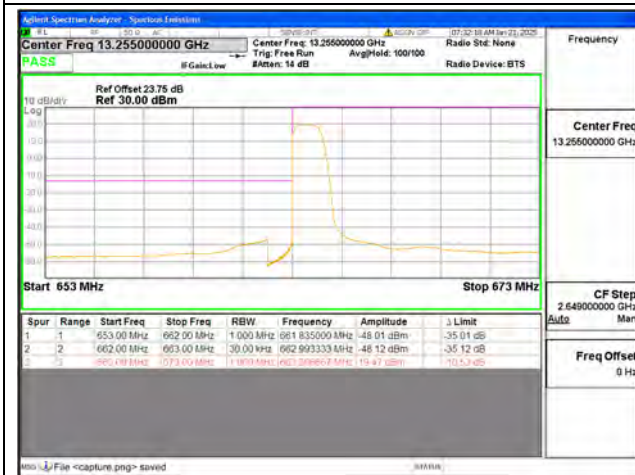
B71 / 5MHz / Low CH / QPSK / FULL RB



B71 / 5MHz / High CH / QPSK / 1 RB



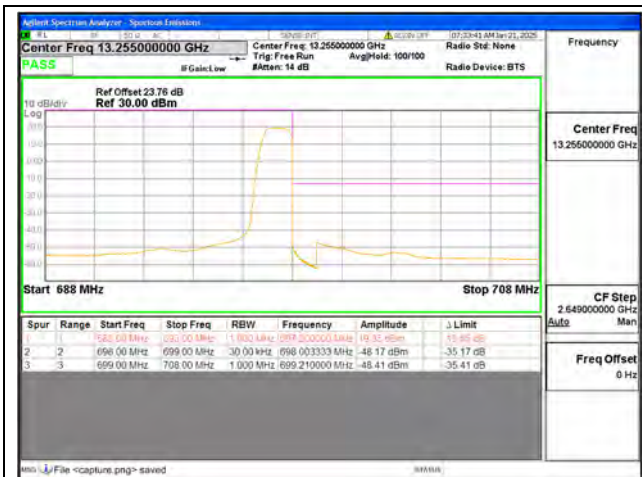
B71 / 5MHz / High CH / QPSK / FULL RB



B71 / 10MHz / Low CH / QPSK / 1 RB



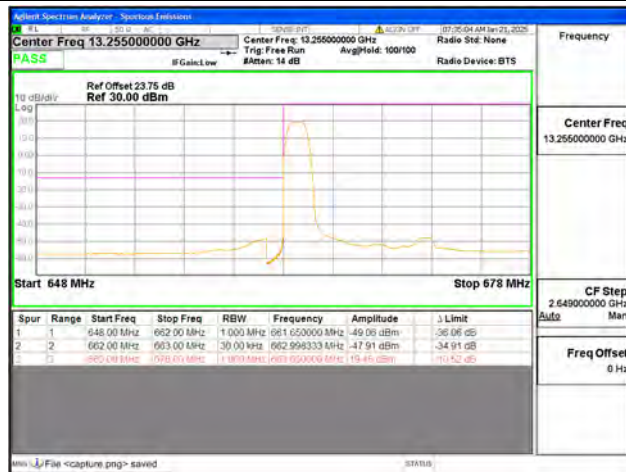
B71 / 10MHz / Low CH / QPSK / FULL RB



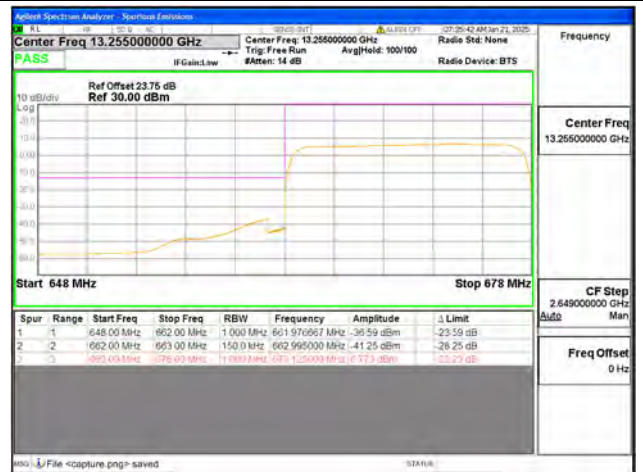
B71 / 10MHz / High CH / QPSK / 1 RB



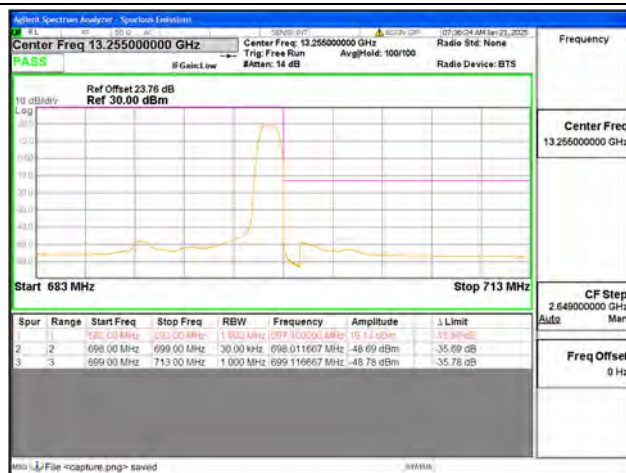
B71 / 10MHz / High CH / QPSK / FULL RB



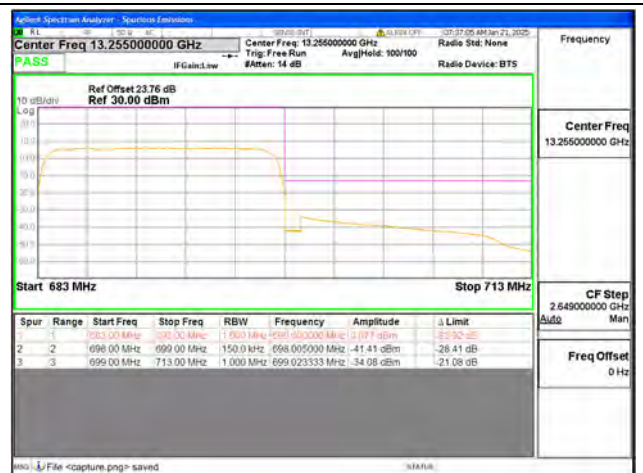
B71 / 15MHz / Low CH / QPSK / 1 RB



B71 / 15MHz / Low CH / QPSK / FULL RB



B71 / 15MHz / High CH / QPSK / 1 RB



B71 / 15MHz / High CH / QPSK / FULL RB





## 2.7. Radiated Spurious Emissions

### 2.7.1. Requirement

According to FCC section 2.1051, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB. This calculated to be -13dBm.

Additional requirement for LTE Band 7, 41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $55 + 10 \log(P)$  dB. This calculated to be -25dBm.

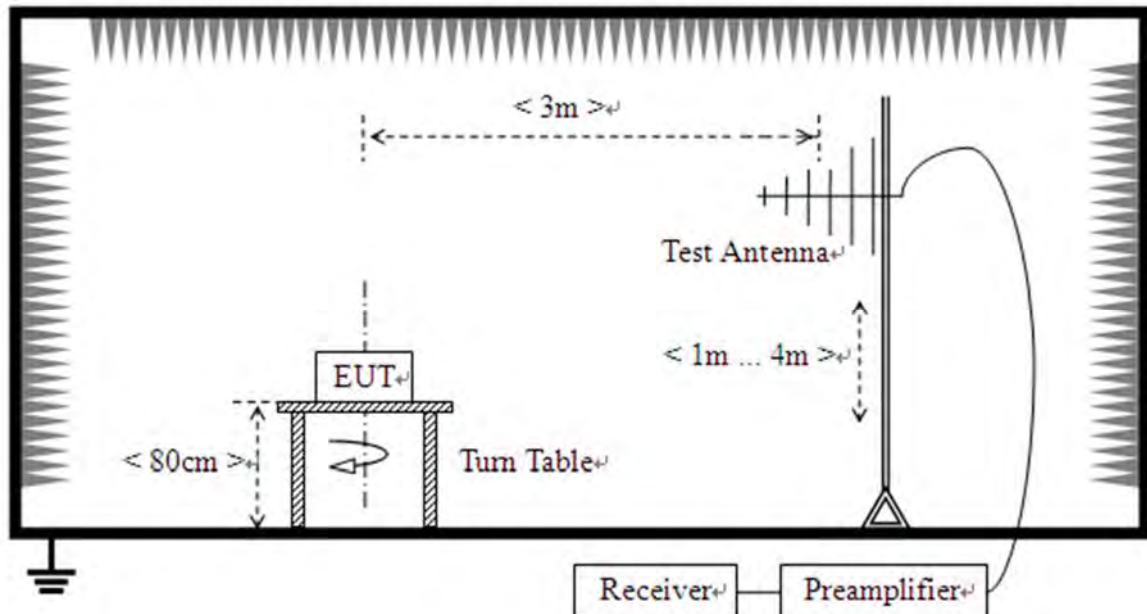
Additional requirement for Band 13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (E.I.R.P.) for wideband signals, and -80 dBW E.I.R.P. for discrete emissions of less than 700 Hz bandwidth. This calculated to be -40dBm.

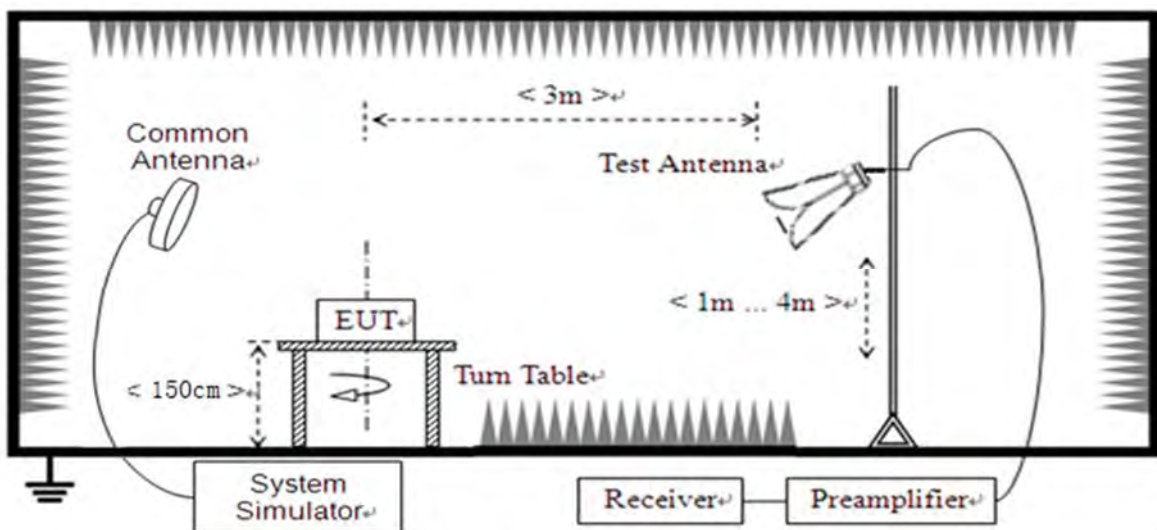
Additional requirement for LTE Band 30

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least  $70 + 10 \log(P)$  dB. This calculated to be -40dBm.

## 2.7.2. Test Description



(For the test frequency from 30MHz to 1GHz)



(For the test frequency above 1GHz)

The EUT is located in a 3m Full-Anechoic Chamber, the cable loss, air loss and so on of the site as factors are pre-calibrated using the "Substitution" method, and calculated to correct the reading.

A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power, and only the test result of the maximum output power was recorded.

In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test



Antenna (above 1GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground and the Turn Table is actuated to turn from 0° to 360° to determine the maximum value of the radiated power. The emission levels at both horizontal and vertical polarizations should be tested. The Filters consists of Notch Filters and High Pass Filter.

**Note:** When doing measurements above 1GHz, the EUT has been within the 3dB cone width of the horn antenna during horizontal antenna.

### 2.7.3. Test Procedure

KDB 971168 D01v03 Section 5.8 and ANSI/TIA-603-E-2016.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements.

For measurements above 1GHz (exclude 1559-1610 MHz) the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements.



#### 2.7.4. Test Result

The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. The lowest, middle and highest channels are tested to verify the out of band emissions.

The substitution corrections are obtained as described below:

$$A_{\text{SUBST}} = P_{\text{SUBST\_TX}} - P_{\text{SUBST\_RX}} - L_{\text{SUBST\_CABLES}} + G_{\text{SUBST\_TX\_ANT}}$$

$$A_{\text{TOT}} = L_{\text{CABLES}} + A_{\text{SUBST}}$$

Where  $A_{\text{SUBST}}$  is the final substitution correction including receive antenna gain.

$P_{\text{SUBST\_TX}}$  is signal generator level,

$P_{\text{SUBST\_RX}}$  is receiver level,

$L_{\text{SUBST\_CABLES}}$  is cable losses including TX cable,

$G_{\text{SUBST\_TX\_ANT}}$  is substitution antenna gain.

$A_{\text{TOT}}$  is total correction factor including cable loss and substitution correction

During the test, the data of  $A_{\text{TOT}}$  was added in the test spectrum analyze, so spectrum analyze reading is the final values which contain the data of  $A_{\text{TOT}}$ .

**Note1:** The power of the EUT transmitting frequency should be ignored.

**Note2:** All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

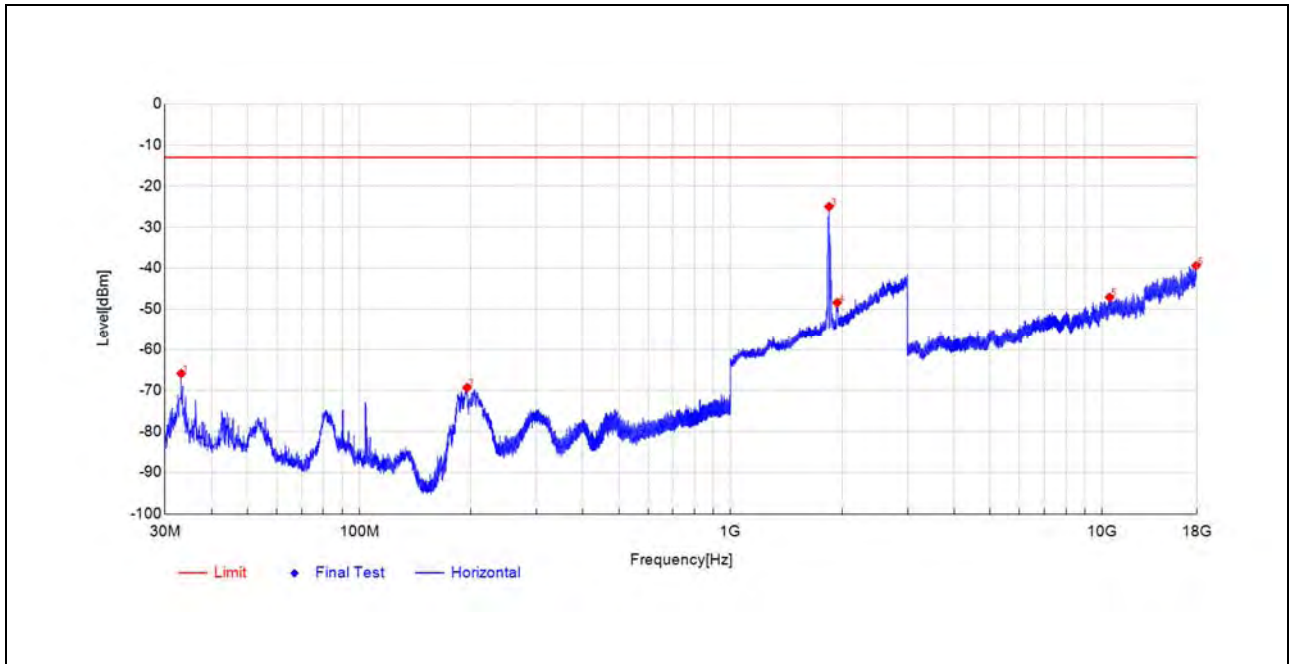
**Note3:** All bandwidth and modulation were considered and evaluated respectively by performing full test for each band, only the worst cases (Max Bandwidth and QPSK mode) were recorded in this test report.

**Note4:** N/A means the frequency is the basic frequency or the base station frequency, they are no need to verdict.

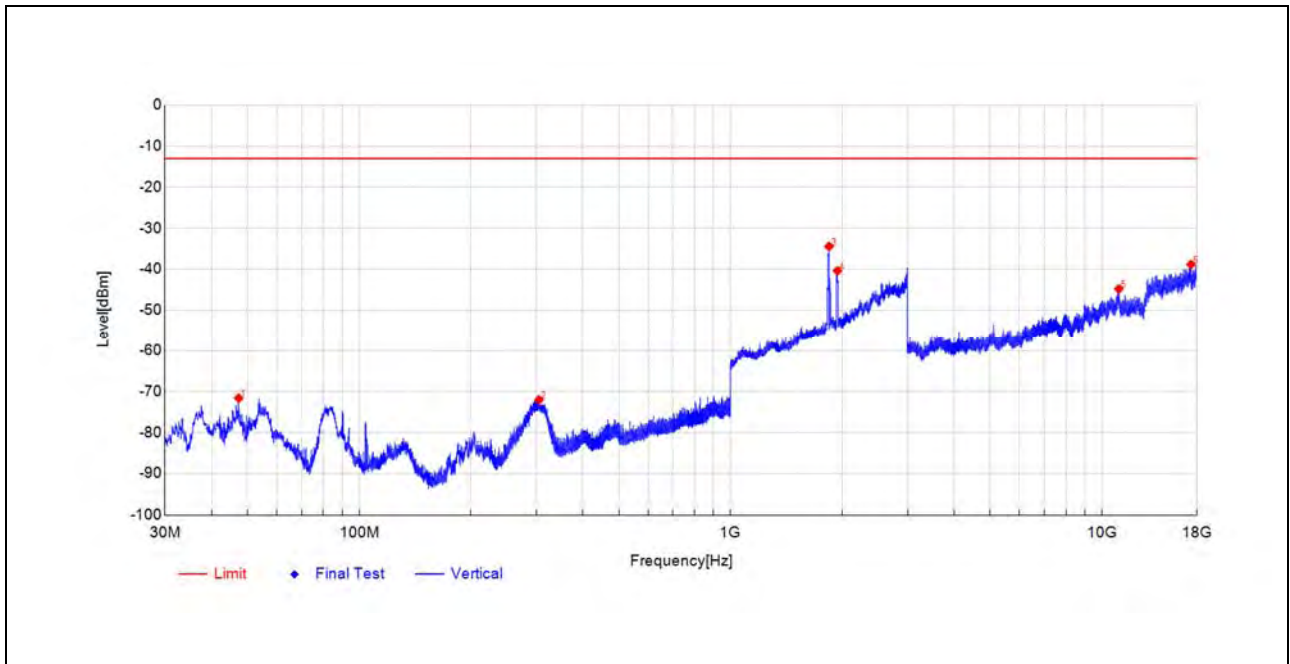
**Note5:** The amplitude of emissions(18GHz to 10th harmonics) which are attenuated more than 20 dB below the limit are not be reported.

## LTE Band 2

Plot for Low Channel

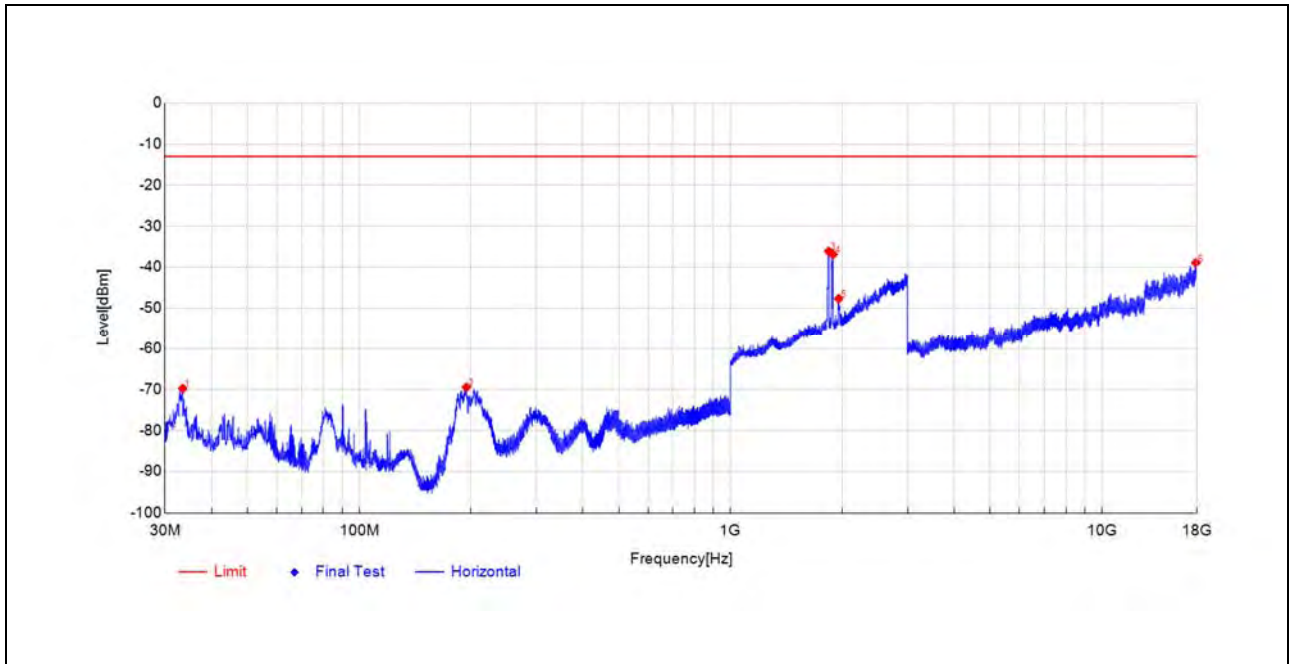


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 33.1527         | -50.68        | -65.90      | -15.2       | -13.0       | 52.9        | Horizontal | PK       | PASS    |
| 195.0052        | -50.67        | -69.36      | -18.7       | -13.0       | 56.4        | Horizontal | PK       | PASS    |
| 1841.7684       | -29.23        | -24.99      | 4.2         | -13.0       | 12.0        | Horizontal | PK       | PASS    |
| 1935.7872       | -52.44        | -48.40      | 4.0         | -           | -           | Horizontal | PK       | NA      |
| 10484.765       | -66.89        | -47.09      | 19.8        | -13.0       | 34.1        | Horizontal | PK       | PASS    |
| 17931.091       | -69.79        | -39.38      | 30.4        | -13.0       | 26.4        | Horizontal | PK       | PASS    |

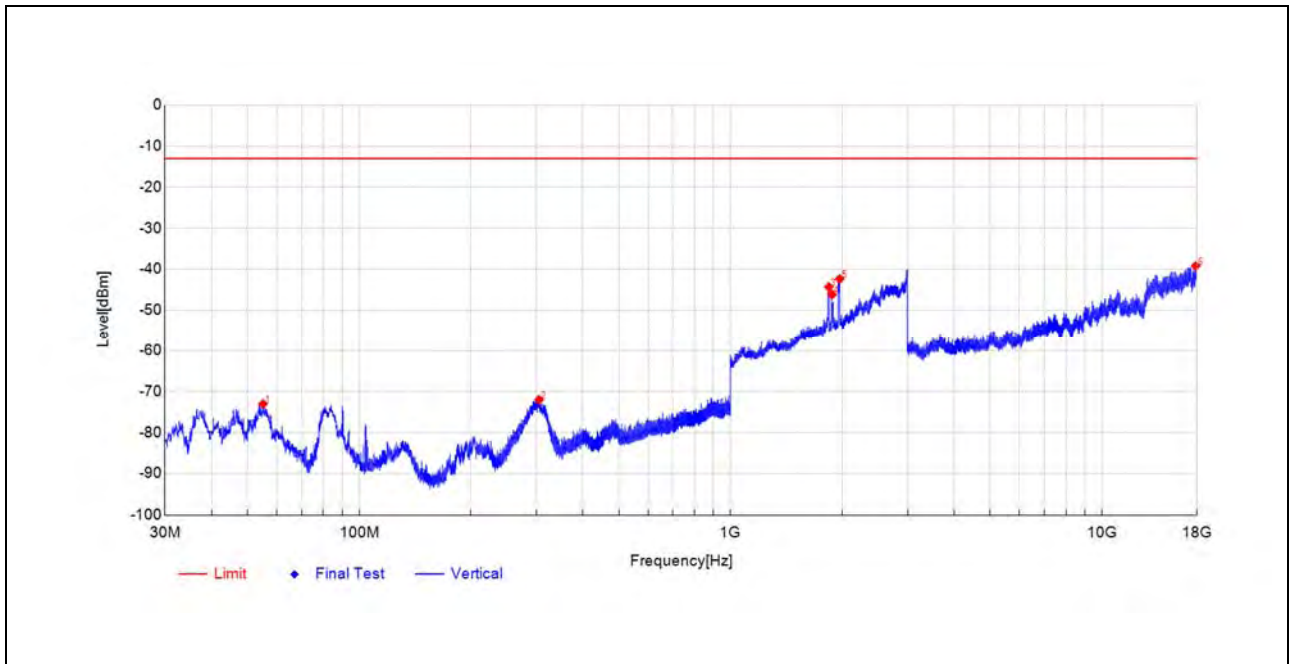


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 47.3639         | -52.19        | -71.65      | -19.5       | -13.0       | 58.7        | Vertical | PK       | PASS    |
| 304.7662        | -55.96        | -72.08      | -16.1       | -13.0       | 59.1        | Vertical | PK       | PASS    |
| 1841.3683       | -38.96        | -34.42      | 4.5         | -13.0       | 21.4        | Vertical | PK       | PASS    |
| 1940.188        | -44.28        | -40.35      | 3.9         | -           | -           | Vertical | PK       | NA      |
| 11103.534       | -67.14        | -44.78      | 22.4        | -13.0       | 31.8        | Vertical | PK       | PASS    |
| 17369.980       | -69.73        | -38.83      | 30.9        | -13.0       | 25.8        | Vertical | PK       | PASS    |

### Plot for Mid Channel

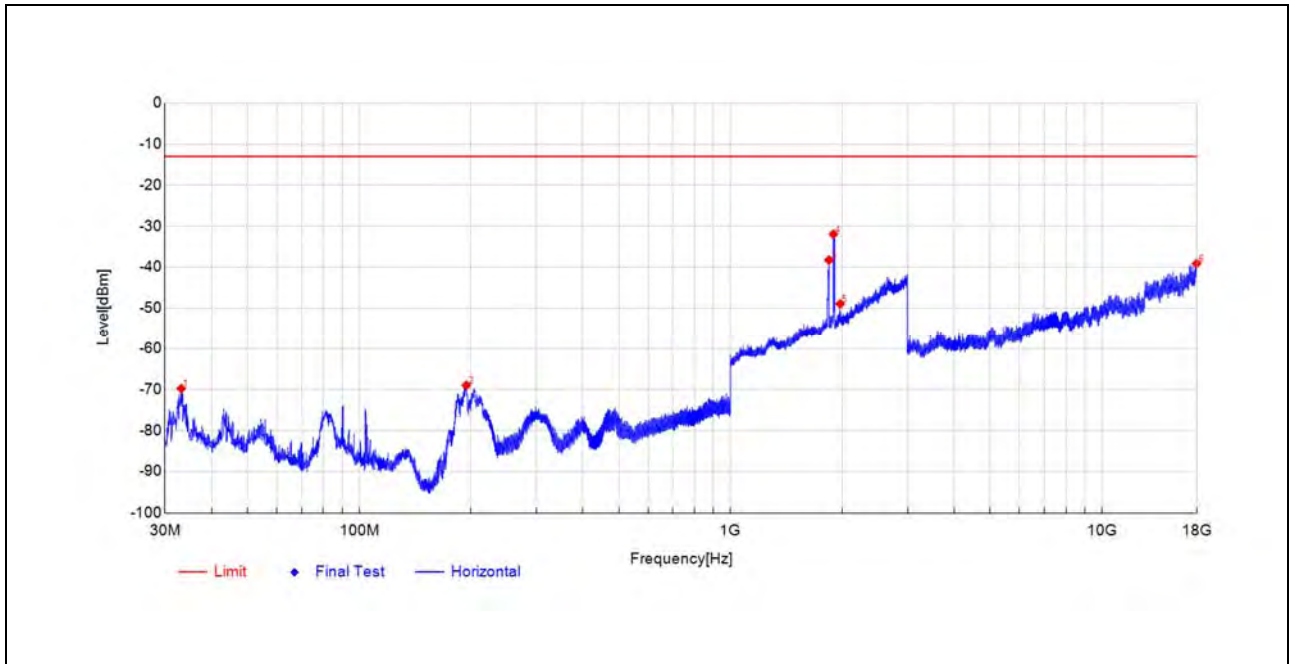


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 33.4922         | -54.57        | -69.79      | -15.2       | -13.0       | 56.8        | Horizontal | PK       | PASS    |
| 194.3262        | -50.69        | -69.49      | -18.8       | -13.0       | 56.5        | Horizontal | PK       | PASS    |
| 1837.7676       | -40.32        | -36.11      | 4.2         | -13.0       | 23.1        | Horizontal | PK       | PASS    |
| 1888.5777       | -41.83        | -36.88      | 5.0         | -           | -           | Horizontal | PK       | NA      |
| 1955.3911       | -52.11        | -47.65      | 4.5         | -           | -           | Horizontal | PK       | NA      |
| 17902.028       | -69.69        | -38.92      | 30.8        | -13.0       | 25.9        | Horizontal | PK       | PASS    |

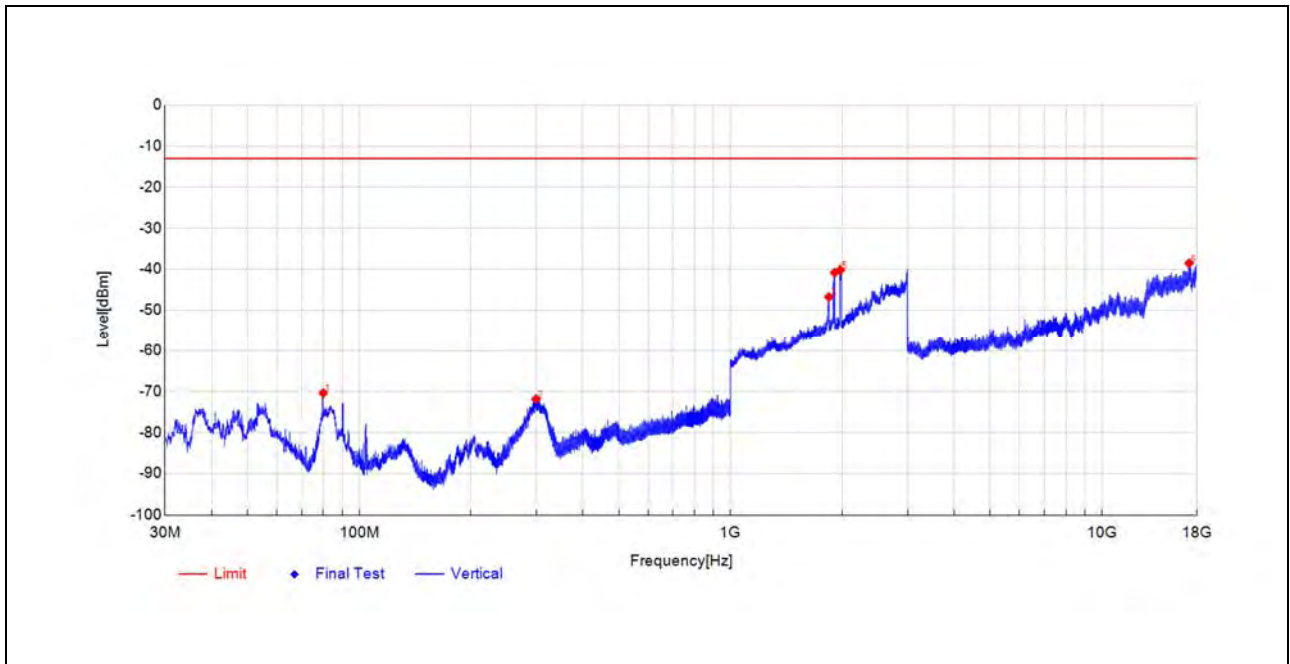


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 55.0758         | -56.07        | -73.06      | -17.0       | -13.0       | 60.1        | Vertical | PK       | PASS    |
| 304.8147        | -55.95        | -72.07      | -16.1       | -13.0       | 59.1        | Vertical | PK       | PASS    |
| 1839.768        | -48.88        | -44.30      | 4.6         | -13.0       | 31.3        | Vertical | PK       | PASS    |
| 1876.5753       | -51.13        | -46.14      | 5.0         | -           | -           | Vertical | PK       | NA      |
| 1967.3935       | -46.78        | -42.34      | 4.4         | -           | -           | Vertical | PK       | NA      |
| 17889.371       | -69.97        | -39.18      | 30.8        | -13.0       | 26.2        | Vertical | PK       | PASS    |

### Plot for High Channel



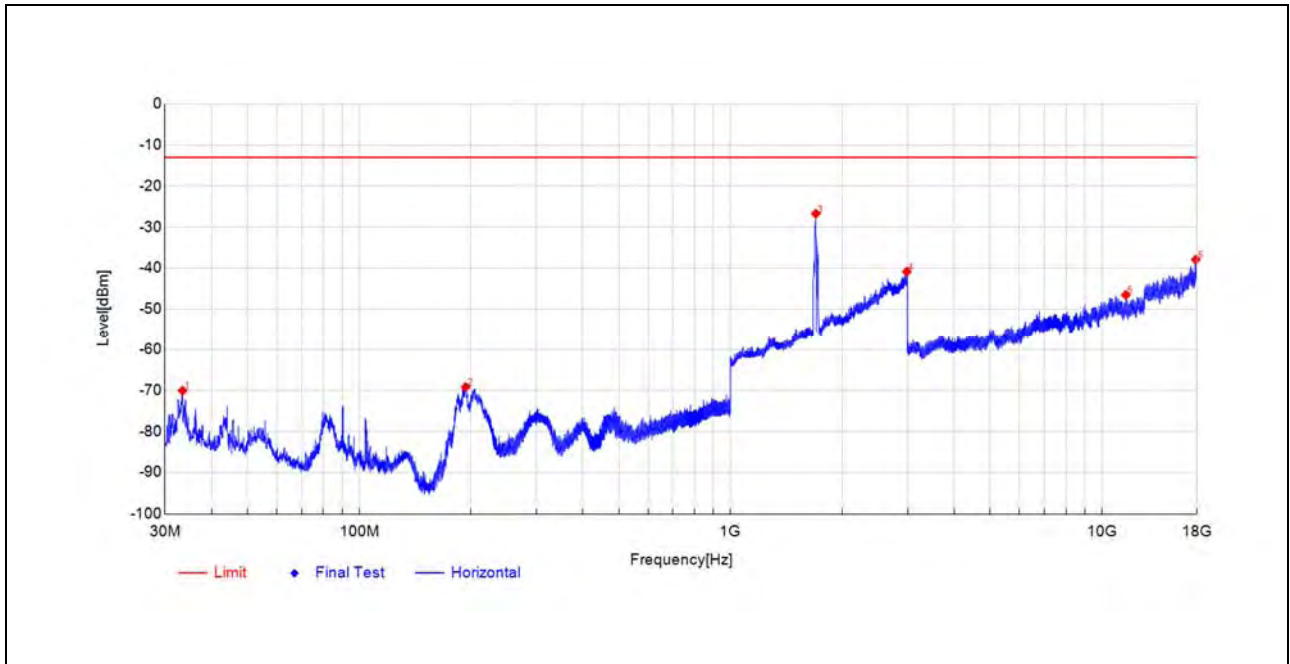
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 33.1527         | -54.59        | -69.81      | -15.2       | -13.0       | 56.8        | Horizontal | PK       | PASS    |
| 194.2292        | -50.19        | -69.02      | -18.8       | -13.0       | 56.0        | Horizontal | PK       | PASS    |
| 1840.9682       | -42.46        | -38.23      | 4.2         | -13.0       | 25.2        | Horizontal | PK       | PASS    |
| 1892.1784       | -36.74        | -31.93      | 4.8         | -           | -           | Horizontal | PK       | NA      |
| 1972.5945       | -53.50        | -48.91      | 4.6         | -           | -           | Horizontal | PK       | NA      |
| 17987.343       | -68.79        | -39.08      | 29.7        | -13.0       | 26.1        | Horizontal | PK       | PASS    |



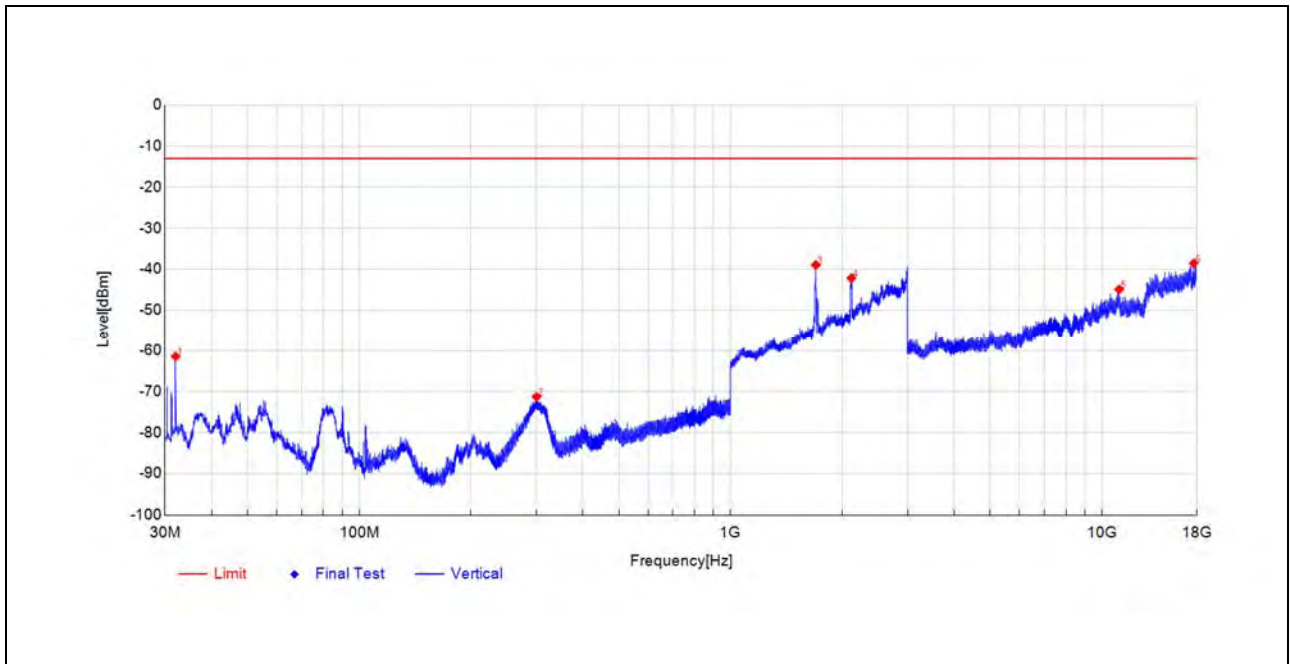
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 80.0545         | -47.13        | -70.37      | -23.2       | -13.0       | 57.4        | Vertical | PK       | PASS    |
| 299.1885        | -55.44        | -71.87      | -16.4       | -13.0       | 58.9        | Vertical | PK       | PASS    |
| 1840.5681       | -51.30        | -46.74      | 4.6         | -13.0       | 33.7        | Vertical | PK       | PASS    |
| 1906.9814       | -45.80        | -40.81      | 5.0         | -           | -           | Vertical | PK       | NA      |
| 1974.1948       | -44.86        | -40.21      | 4.7         | -           | -           | Vertical | PK       | NA      |
| 17164.192       | -69.06        | -38.54      | 30.5        | -13.0       | 25.5        | Vertical | PK       | PASS    |

## LTE Band 4

### Plot for Low Channel

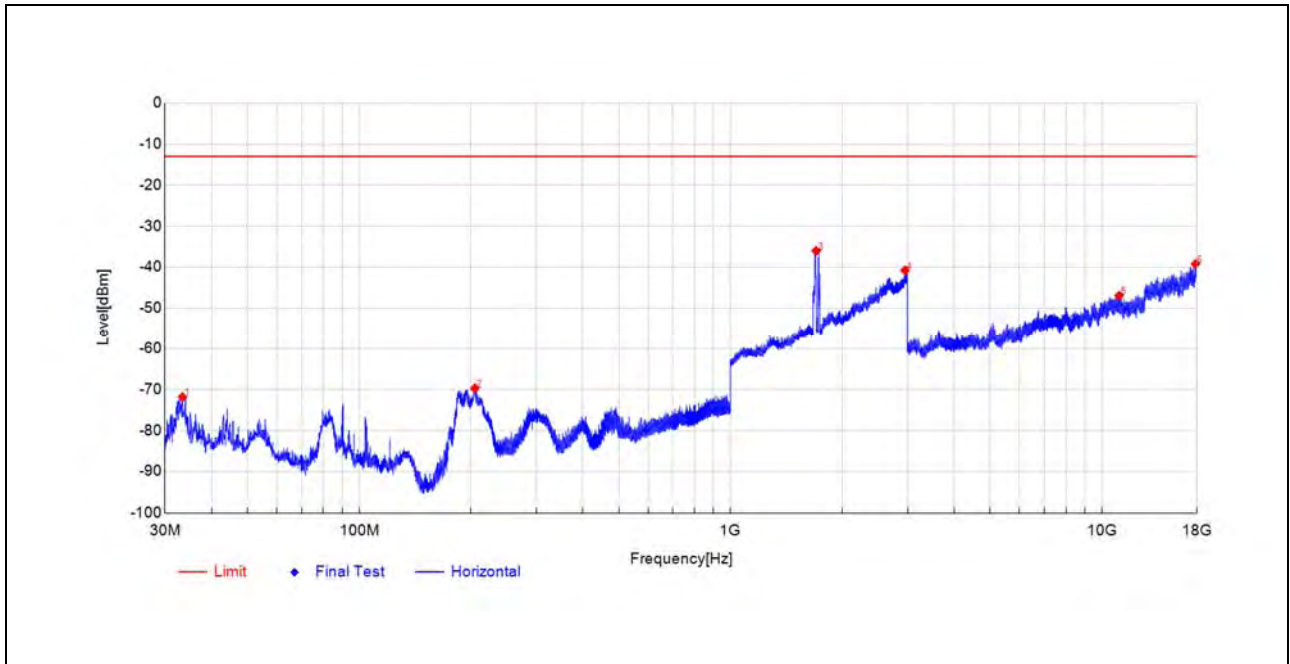


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 33.4437         | -54.86        | -70.10      | -15.2       | -13.0       | 57.1        | Horizontal | PK       | PASS    |
| 193.5502        | -50.28        | -69.19      | -18.9       | -13.0       | 56.2        | Horizontal | PK       | PASS    |
| 1696.1392       | -29.80        | -26.71      | 3.1         | -13.0       | 13.7        | Horizontal | PK       | PASS    |
| 2982.3965       | -54.73        | -40.85      | 13.9        | -13.0       | 27.9        | Horizontal | PK       | PASS    |
| 11597.612       | -67.36        | -46.52      | 20.8        | -13.0       | 33.5        | Horizontal | PK       | PASS    |
| 17894.528       | -68.66        | -37.90      | 30.8        | -13.0       | 24.9        | Horizontal | PK       | PASS    |

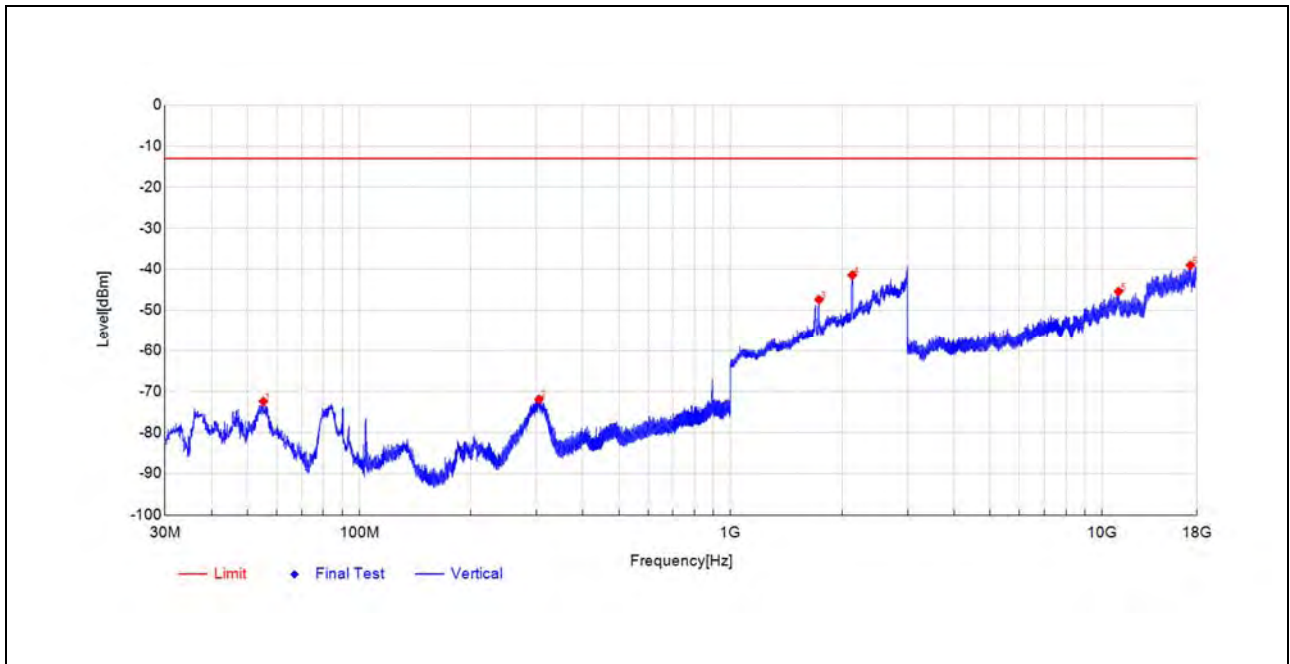


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 32.0371         | -36.90        | -61.46      | -24.6       | -13.0       | 48.5        | Vertical | PK       | PASS    |
| 300.304         | -54.94        | -71.31      | -16.4       | -13.0       | 58.3        | Vertical | PK       | PASS    |
| 1696.1392       | -42.23        | -38.95      | 3.3         | -13.0       | 26.0        | Vertical | PK       | PASS    |
| 2115.4231       | -47.82        | -42.15      | 5.7         | -           | -           | Vertical | PK       | NA      |
| 11125.566       | -66.96        | -44.91      | 22.1        | -13.0       | 31.9        | Vertical | PK       | PASS    |
| 17676.083       | -70.26        | -38.56      | 31.7        | -13.0       | 25.6        | Vertical | PK       | PASS    |

### Plot for Mid Channel

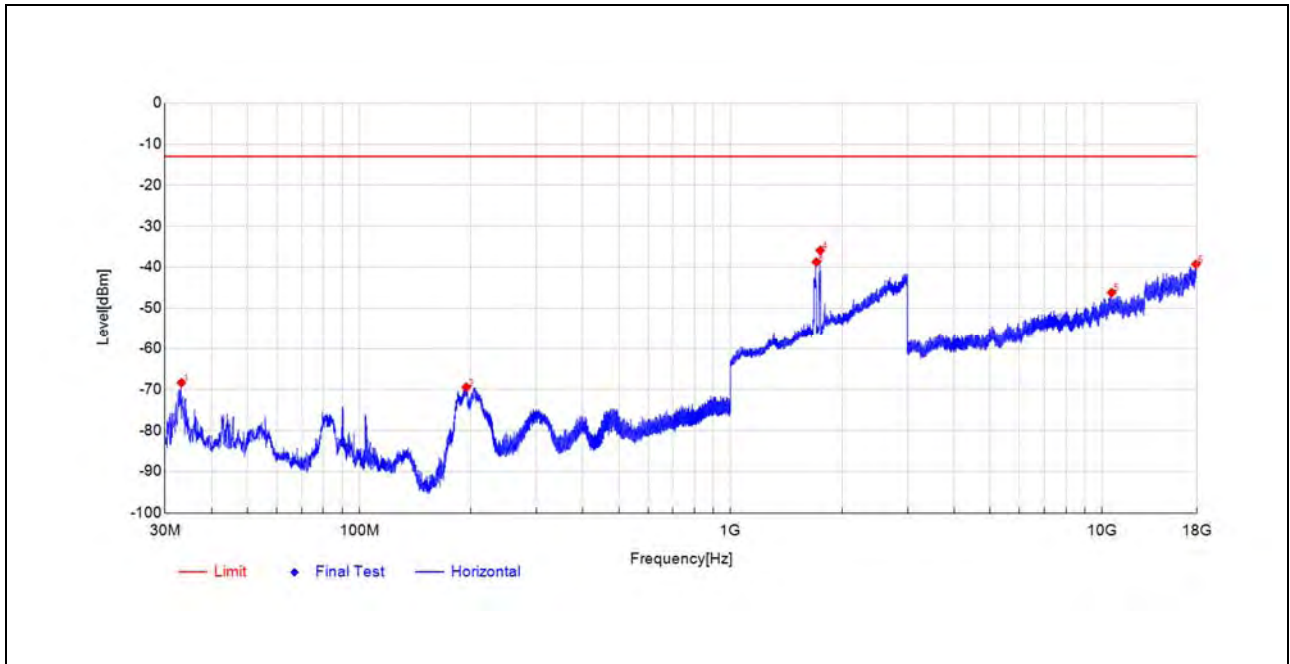


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 33.4437         | -56.65        | -71.89      | -15.2       | -13.0       | 58.9        | Horizontal | PK       | PASS    |
| 204.8997        | -52.75        | -69.74      | -17.0       | -13.0       | 56.7        | Horizontal | PK       | PASS    |
| 1699.7399       | -39.32        | -36.00      | 3.3         | -13.0       | 23.0        | Horizontal | PK       | PASS    |
| 2950.7902       | -54.69        | -40.74      | 14.0        | -13.0       | 27.7        | Horizontal | PK       | PASS    |
| 11135.879       | -66.87        | -46.89      | 20.0        | -13.0       | 33.9        | Horizontal | PK       | PASS    |
| 17866.870       | -69.74        | -39.19      | 30.6        | -13.0       | 26.2        | Horizontal | PK       | PASS    |

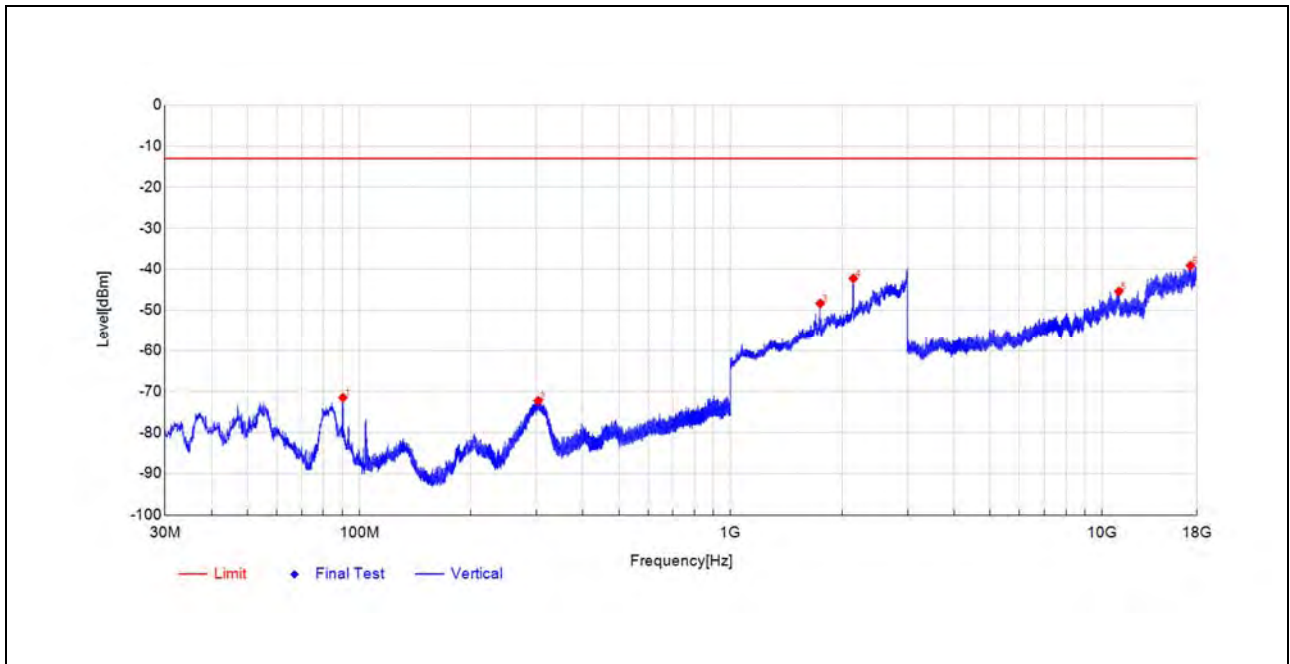


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 55.1728         | -55.47        | -72.45      | -17.0       | -13.0       | 59.5        | Vertical | PK       | PASS    |
| 304.8147        | -55.84        | -71.95      | -16.1       | -13.0       | 59.0        | Vertical | PK       | PASS    |
| 1730.146        | -50.80        | -47.39      | 3.4         | -           | -           | Vertical | PK       | NA      |
| 2127.0254       | -47.38        | -41.41      | 6.0         | -           | -           | Vertical | PK       | NA      |
| 11089.471       | -67.79        | -45.42      | 22.4        | -13.0       | 32.4        | Vertical | PK       | PASS    |
| 17308.103       | -69.46        | -39.03      | 30.4        | -13.0       | 26.0        | Vertical | PK       | PASS    |

### Plot for High Channel



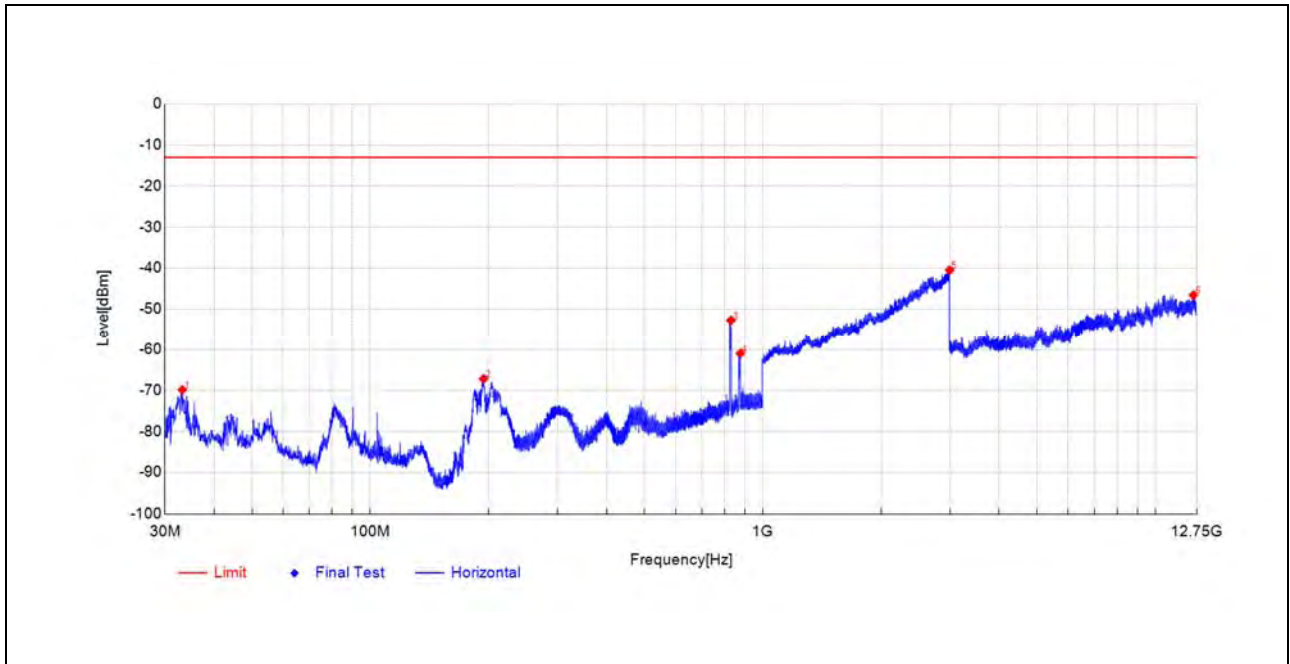
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 33.2012         | -53.14        | -68.37      | -15.2       | -13.0       | 55.4        | Horizontal | PK       | PASS    |
| 194.1807        | -50.69        | -69.49      | -18.8       | -13.0       | 56.5        | Horizontal | PK       | PASS    |
| 1702.1404       | -42.09        | -38.72      | 3.4         | -13.0       | 25.7        | Horizontal | PK       | PASS    |
| 1744.1488       | -38.86        | -35.89      | 3.0         | -           | -           | Horizontal | PK       | NA      |
| 10620.706       | -65.55        | -46.19      | 19.4        | -13.0       | 33.2        | Horizontal | PK       | PASS    |
| 17918.435       | -69.83        | -39.26      | 30.6        | -13.0       | 26.3        | Horizontal | PK       | PASS    |



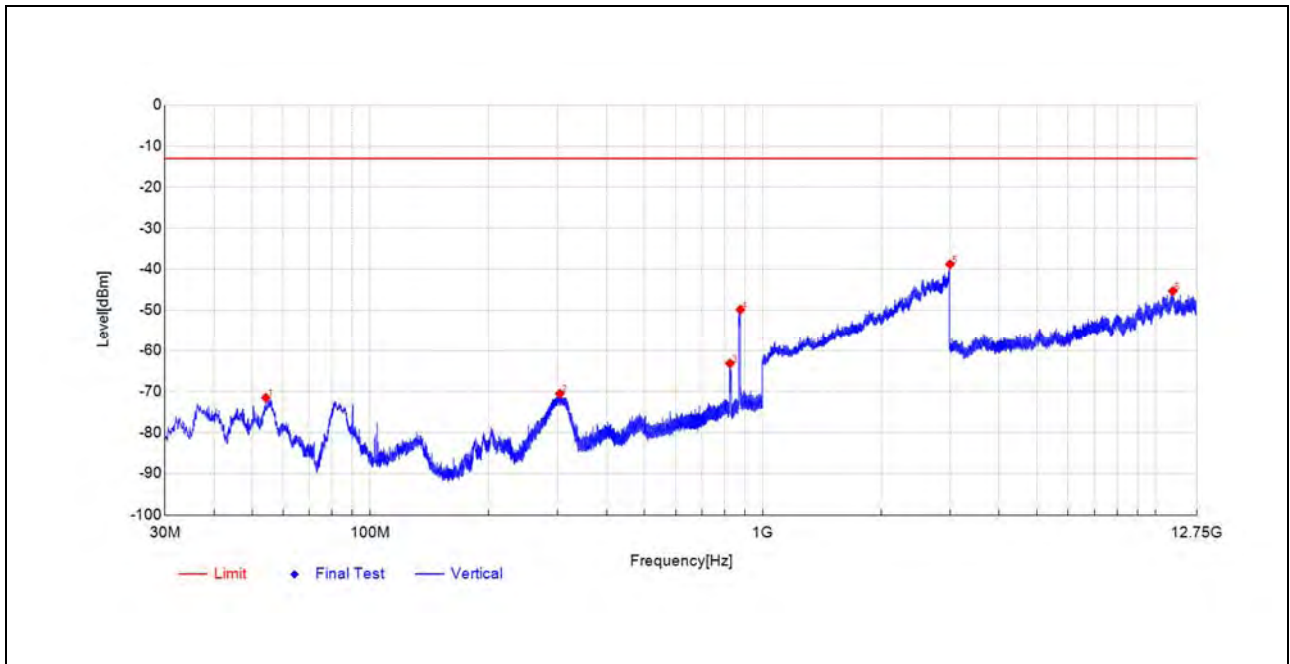
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 90.434          | -49.27        | -71.53      | -22.3       | -13.0       | 58.5        | Vertical | PK       | PASS    |
| 303.2142        | -56.08        | -72.28      | -16.2       | -13.0       | 59.3        | Vertical | PK       | PASS    |
| 1743.3487       | -51.77        | -48.32      | 3.5         | -           | -           | Vertical | PK       | NA      |
| 2141.0282       | -48.10        | -42.22      | 5.9         | -           | -           | Vertical | PK       | NA      |
| 11109.628       | -67.65        | -45.38      | 22.3        | -13.0       | 32.4        | Vertical | PK       | PASS    |
| 17316.072       | -69.60        | -39.10      | 30.5        | -13.0       | 26.1        | Vertical | PK       | PASS    |

**LTE Band 5**

## Plot for Low Channel

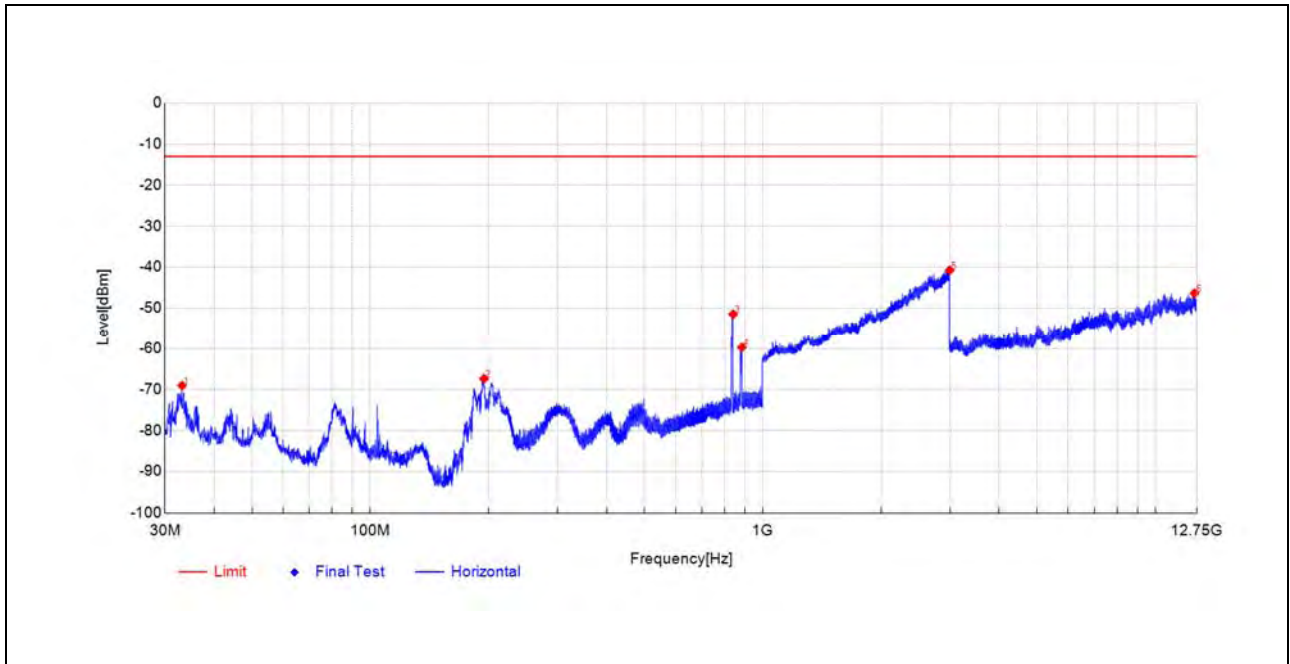


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 33.2012         | -54.67        | -69.86      | -15.2       | -13.0       | 56.9        | Horizontal | PK       | PASS    |
| 194.3262        | -48.63        | -67.21      | -18.6       | -13.0       | 54.2        | Horizontal | PK       | PASS    |
| 829.611         | -47.01        | -52.73      | -5.7        | -           | -           | Horizontal | PK       | NA      |
| 876.9978        | -56.18        | -60.96      | -4.8        | -           | -           | Horizontal | PK       | NA      |
| 2991.9984       | -55.36        | -40.47      | 14.9        | -13.0       | 27.5        | Horizontal | PK       | PASS    |
| 12511.600       | -69.97        | -46.57      | 23.4        | -13.0       | 33.6        | Horizontal | PK       | PASS    |

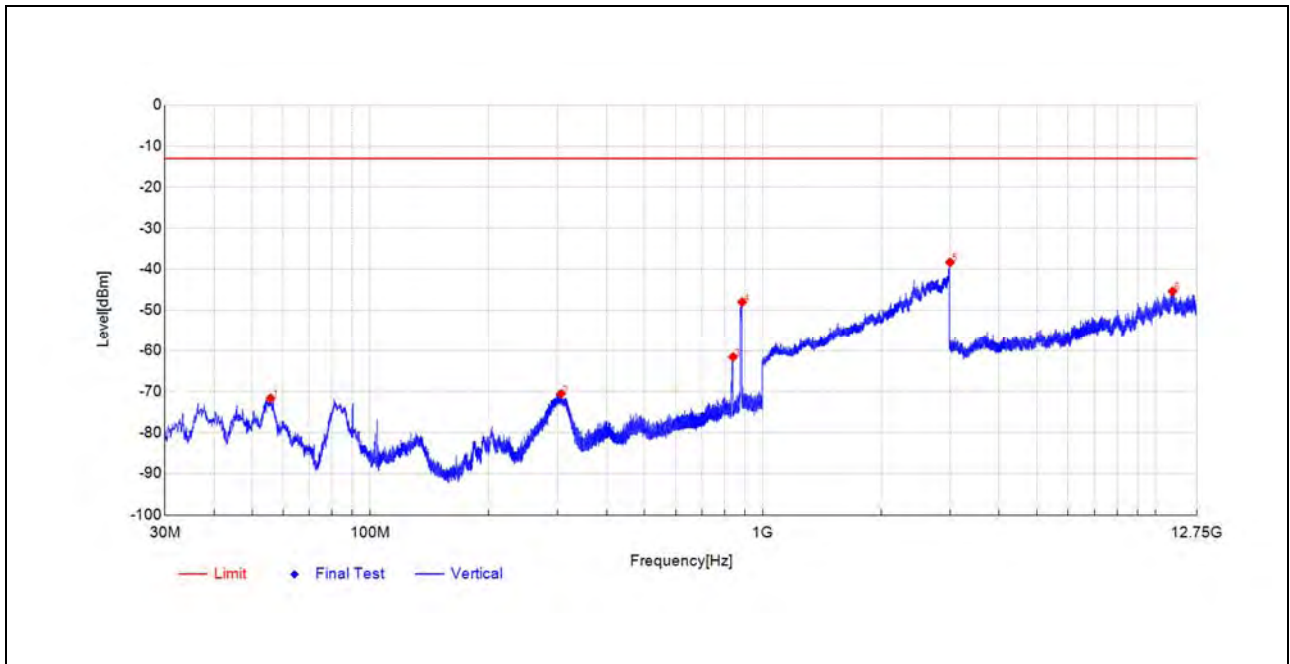


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 54.2027         | -54.43        | -71.56      | -17.1       | -13.0       | 58.6        | Vertical | PK       | PASS    |
| 303.9902        | -54.60        | -70.55      | -16.0       | -13.0       | 57.6        | Vertical | PK       | PASS    |
| 824.7122        | -57.27        | -63.17      | -5.9        | -           | -           | Vertical | PK       | NA      |
| 876.6098        | -45.25        | -49.85      | -4.6        | -           | -           | Vertical | PK       | NA      |
| 2997.5995       | -55.79        | -38.79      | 17.0        | -13.0       | 25.8        | Vertical | PK       | PASS    |
| 11081.204       | -67.64        | -45.31      | 22.3        | -13.0       | 32.3        | Vertical | PK       | PASS    |

Plot for Mid Channel

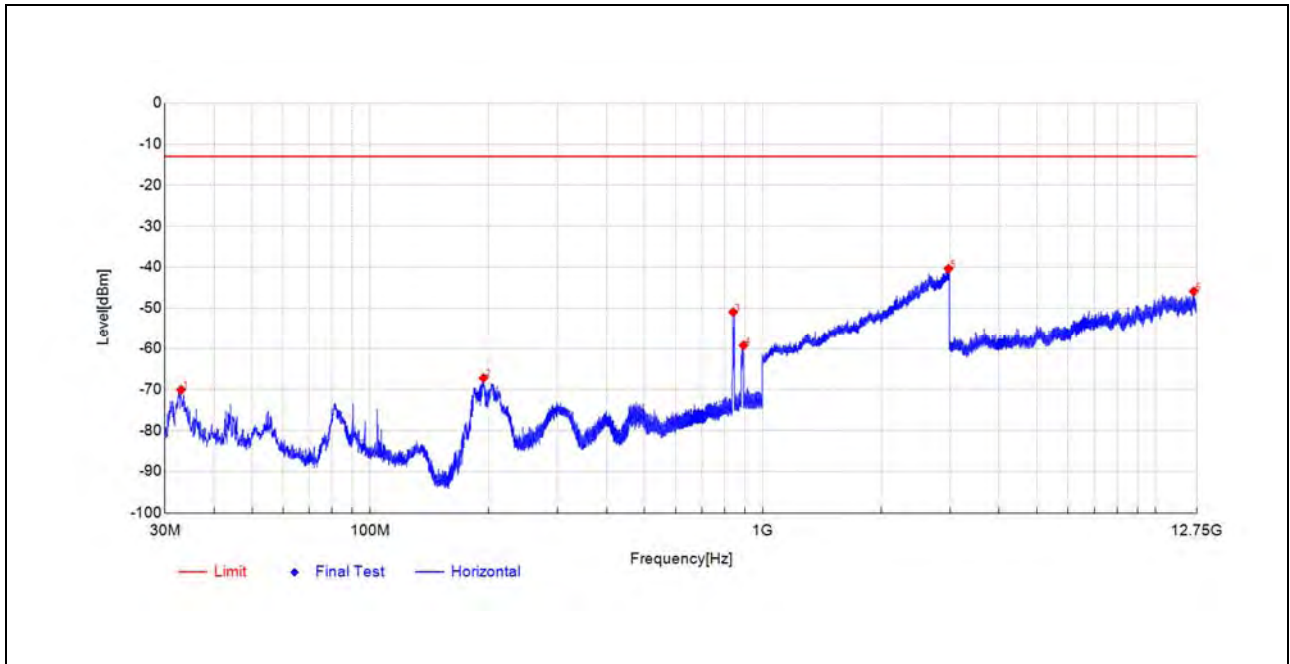


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 33.1527         | -53.87        | -69.06      | -15.2       | -13.0       | 56.1        | Horizontal | PK       | PASS    |
| 194.7142        | -48.88        | -67.40      | -18.5       | -13.0       | 54.4        | Horizontal | PK       | PASS    |
| 840.3785        | -46.04        | -51.46      | -5.4        | -           | -           | Horizontal | PK       | NA      |
| 884.7097        | -55.01        | -59.73      | -4.7        | -           | -           | Horizontal | PK       | NA      |
| 2993.1986       | -55.63        | -40.72      | 14.9        | -13.0       | 27.7        | Horizontal | PK       | PASS    |
| 12585.704       | -69.59        | -46.34      | 23.3        | -13.0       | 33.3        | Horizontal | PK       | PASS    |

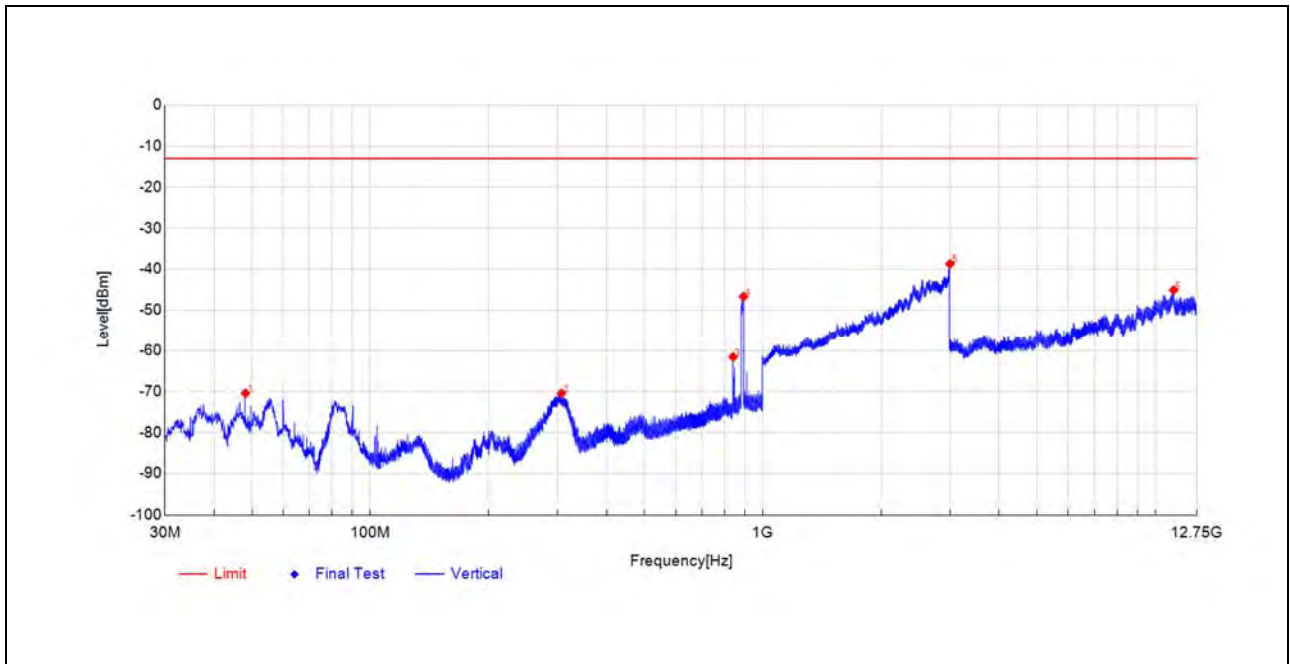


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 55.7548         | -54.60        | -71.67      | -17.1       | -13.0       | 58.7        | Vertical | PK       | PASS    |
| 305.7363        | -54.73        | -70.61      | -15.9       | -13.0       | 57.6        | Vertical | PK       | PASS    |
| 839.7965        | -55.85        | -61.59      | -5.7        | -           | -           | Vertical | PK       | NA      |
| 885.7768        | -43.55        | -48.00      | -4.5        | -           | -           | Vertical | PK       | NA      |
| 2997.9996       | -55.34        | -38.30      | 17.0        | -13.0       | 25.3        | Vertical | PK       | PASS    |
| 11063.653       | -67.64        | -45.38      | 22.3        | -13.0       | 32.4        | Vertical | PK       | PASS    |

### Plot for High Channel



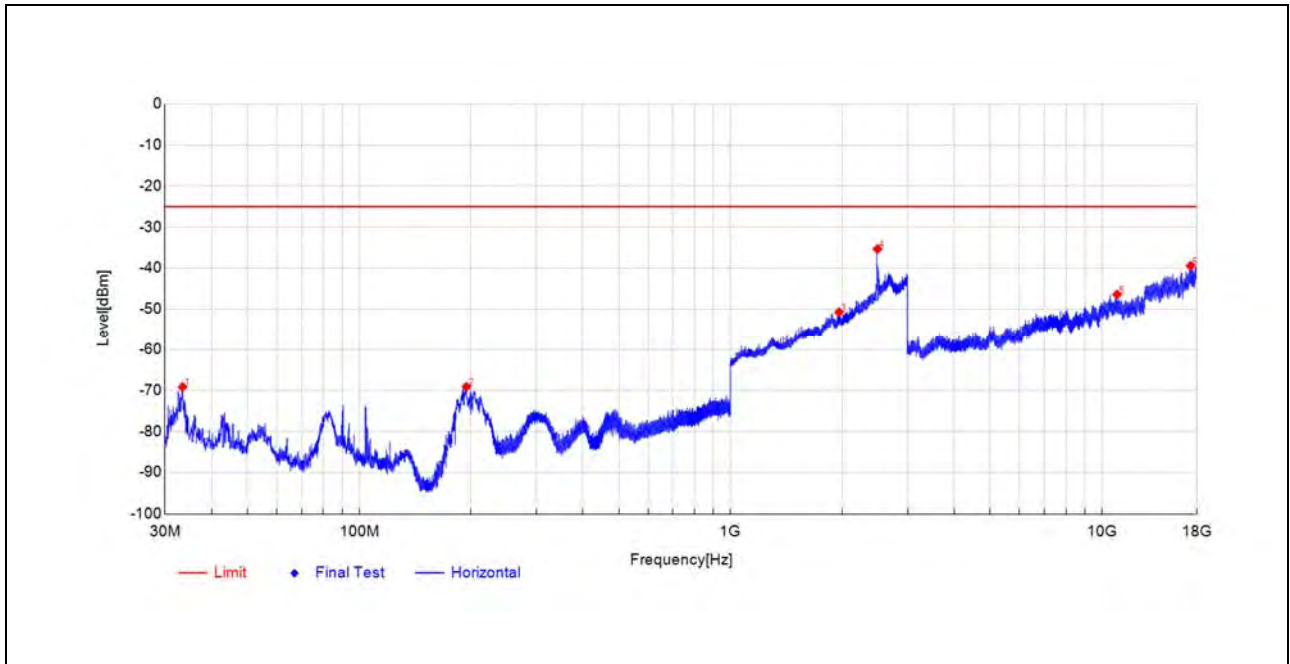
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 32.9586         | -54.94        | -70.12      | -15.2       | -13.0       | 57.1        | Horizontal | PK       | PASS    |
| 194.1322        | -48.61        | -67.24      | -18.6       | -13.0       | 54.2        | Horizontal | PK       | PASS    |
| 840.233         | -45.51        | -50.94      | -5.4        | -           | -           | Horizontal | PK       | NA      |
| 893.1492        | -54.56        | -59.24      | -4.7        | -           | -           | Horizontal | PK       | NA      |
| 2971.1942       | -55.23        | -40.36      | 14.9        | -13.0       | 27.4        | Horizontal | PK       | PASS    |
| 12526.713       | -69.25        | -45.88      | 23.4        | -13.0       | 32.9        | Horizontal | PK       | PASS    |



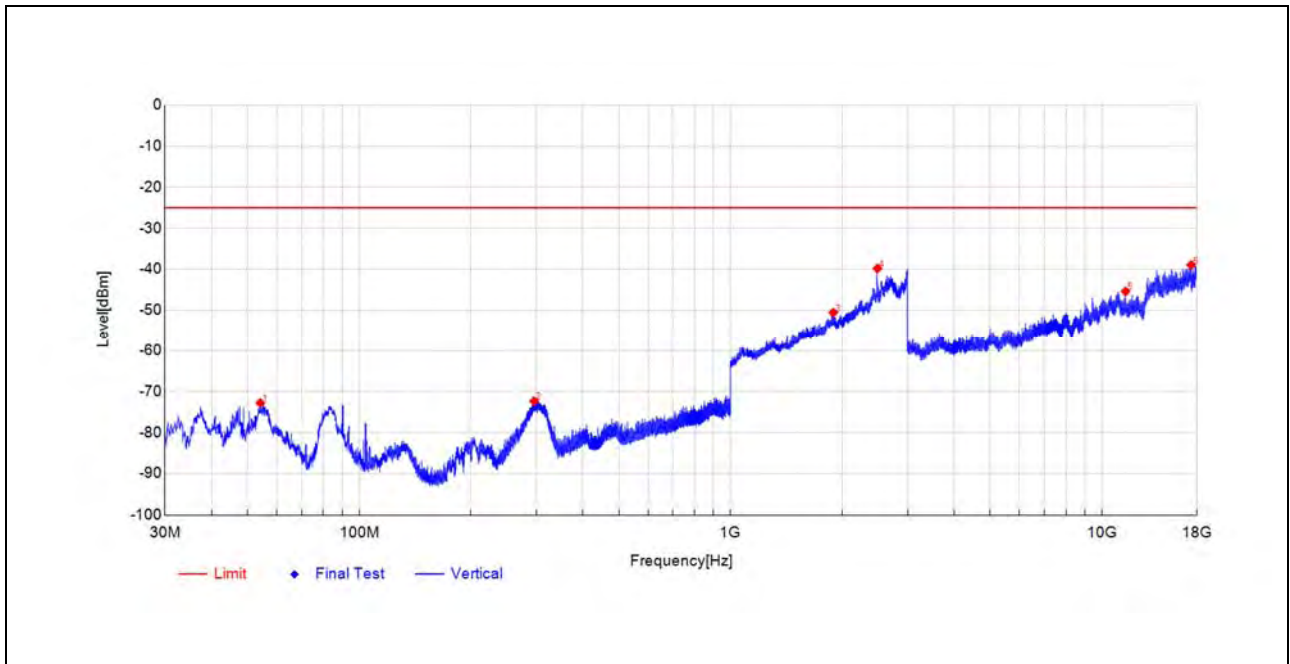
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 48.0914         | -51.30        | -70.43      | -19.1       | -13.0       | 57.4        | Vertical | PK       | PASS    |
| 306.8033        | -54.60        | -70.48      | -15.9       | -13.0       | 57.5        | Vertical | PK       | PASS    |
| 840.233         | -55.82        | -61.55      | -5.7        | -           | -           | Vertical | PK       | NA      |
| 892.8581        | -42.23        | -46.66      | -4.4        | -           | -           | Vertical | PK       | NA      |
| 2998.7998       | -55.81        | -38.68      | 17.1        | -13.0       | 25.7        | Vertical | PK       | PASS    |
| 11133.369       | -66.99        | -45.05      | 21.9        | -13.0       | 32.1        | Vertical | PK       | PASS    |

**LTE Band 7**

## Plot for Low Channel

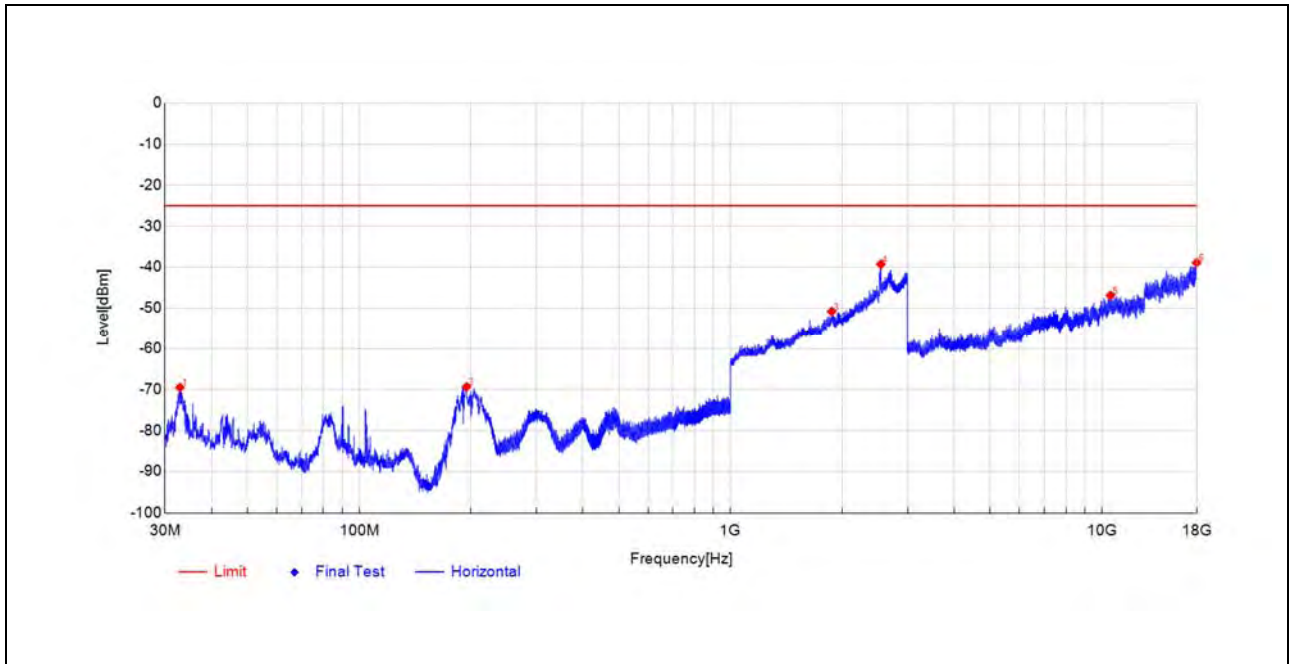


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 33.4437         | -54.01        | -69.17      | -15.2       | -25.0       | 44.2        | Horizontal | PK       | PASS    |
| 194.3747        | -50.41        | -69.15      | -18.7       | -25.0       | 44.2        | Horizontal | PK       | PASS    |
| 1959.792        | -55.29        | -50.72      | 4.6         | -25.0       | 25.7        | Horizontal | PK       | PASS    |
| 2487.4975       | -45.28        | -35.32      | 10.0        | -25.0       | 10.3        | Horizontal | PK       | PASS    |
| 10986.812       | -67.38        | -46.41      | 21.0        | -25.0       | 21.4        | Horizontal | PK       | PASS    |
| 17324.510       | -69.55        | -39.43      | 30.1        | -25.0       | 14.4        | Horizontal | PK       | PASS    |

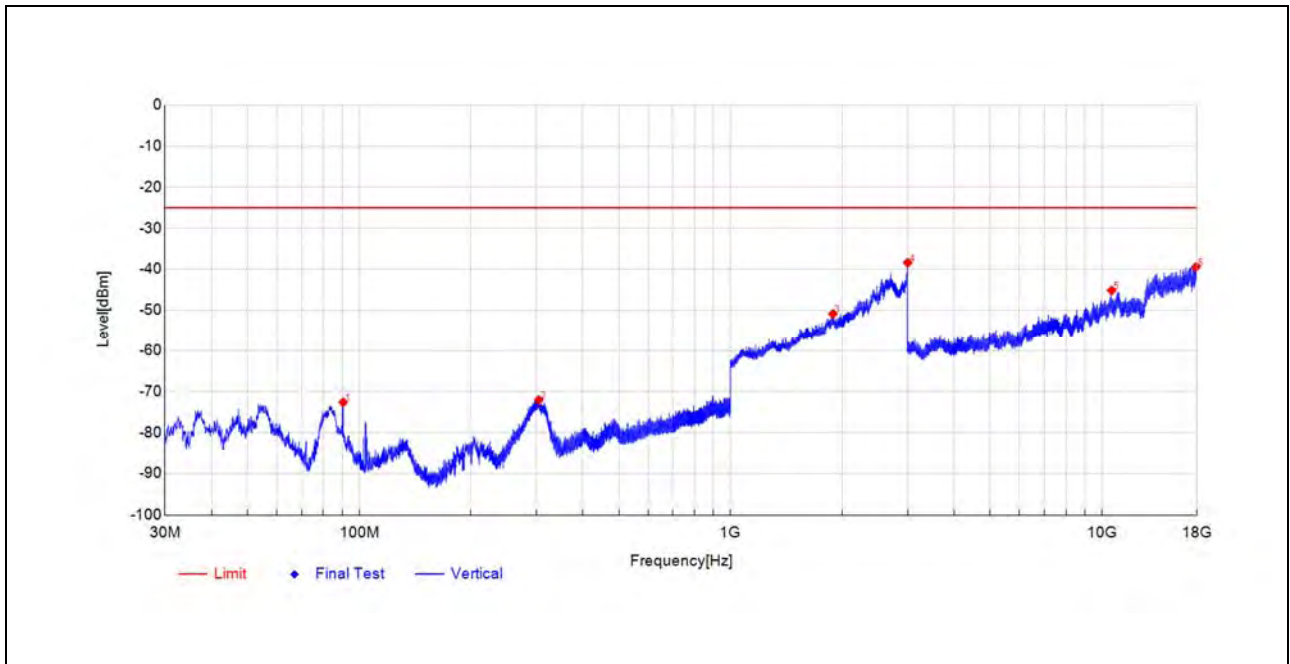


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 54.1542         | -55.62        | -72.81      | -17.2       | -25.0       | 47.8        | Vertical | PK       | PASS    |
| 295.8418        | -55.84        | -72.37      | -16.5       | -25.0       | 47.4        | Vertical | PK       | PASS    |
| 1890.178        | -55.63        | -50.54      | 5.1         | -25.0       | 25.5        | Vertical | PK       | PASS    |
| 2486.2973       | -49.90        | -39.79      | 10.1        | -25.0       | 14.8        | Vertical | PK       | PASS    |
| 11579.799       | -66.96        | -45.38      | 21.6        | -25.0       | 20.4        | Vertical | PK       | PASS    |
| 17385.449       | -69.97        | -38.95      | 31.0        | -25.0       | 14.0        | Vertical | PK       | PASS    |

Plot for Mid Channel

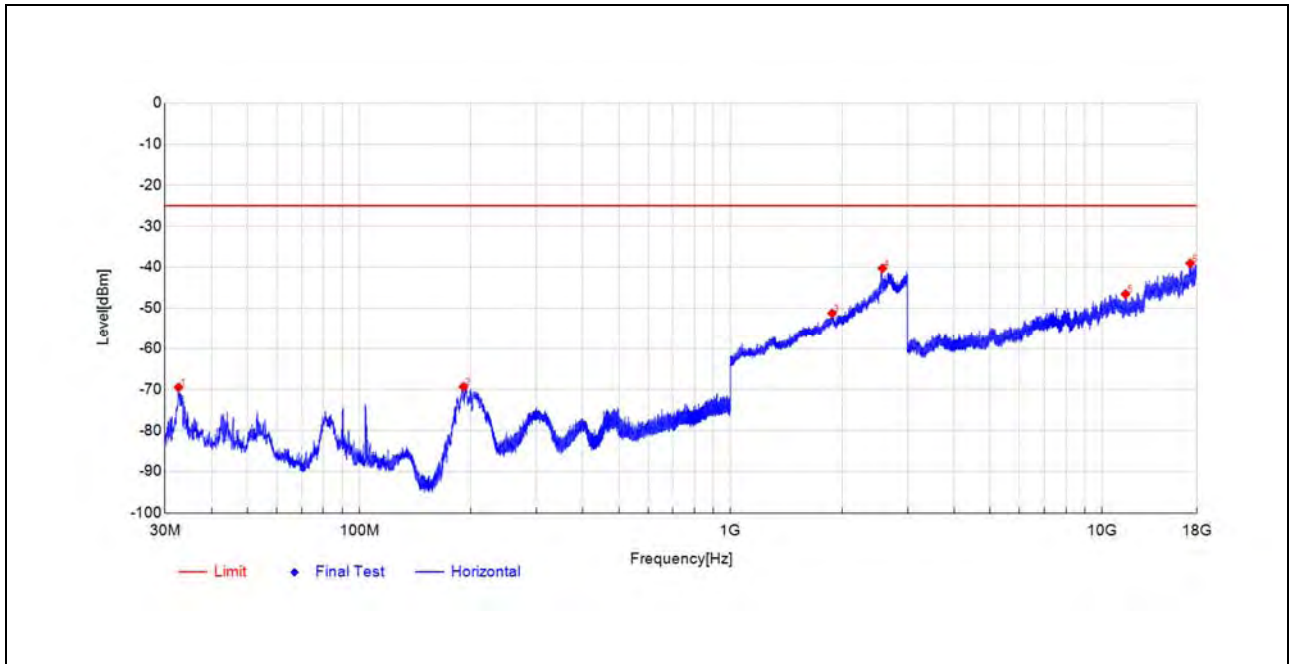


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 32.9101         | -54.38        | -69.53      | -15.2       | -25.0       | 44.5        | Horizontal | PK       | PASS    |
| 194.4717        | -50.66        | -69.38      | -18.7       | -25.0       | 44.4        | Horizontal | PK       | PASS    |
| 1872.9746       | -56.00        | -50.79      | 5.2         | -25.0       | 25.8        | Horizontal | PK       | PASS    |
| 2538.3077       | -50.60        | -39.27      | 11.3        | -           | -           | Horizontal | PK       | NA      |
| 10545.235       | -66.57        | -46.86      | 19.7        | -25.0       | 21.9        | Horizontal | PK       | PASS    |
| 17991.562       | -68.55        | -38.89      | 29.7        | -25.0       | 13.9        | Horizontal | PK       | PASS    |

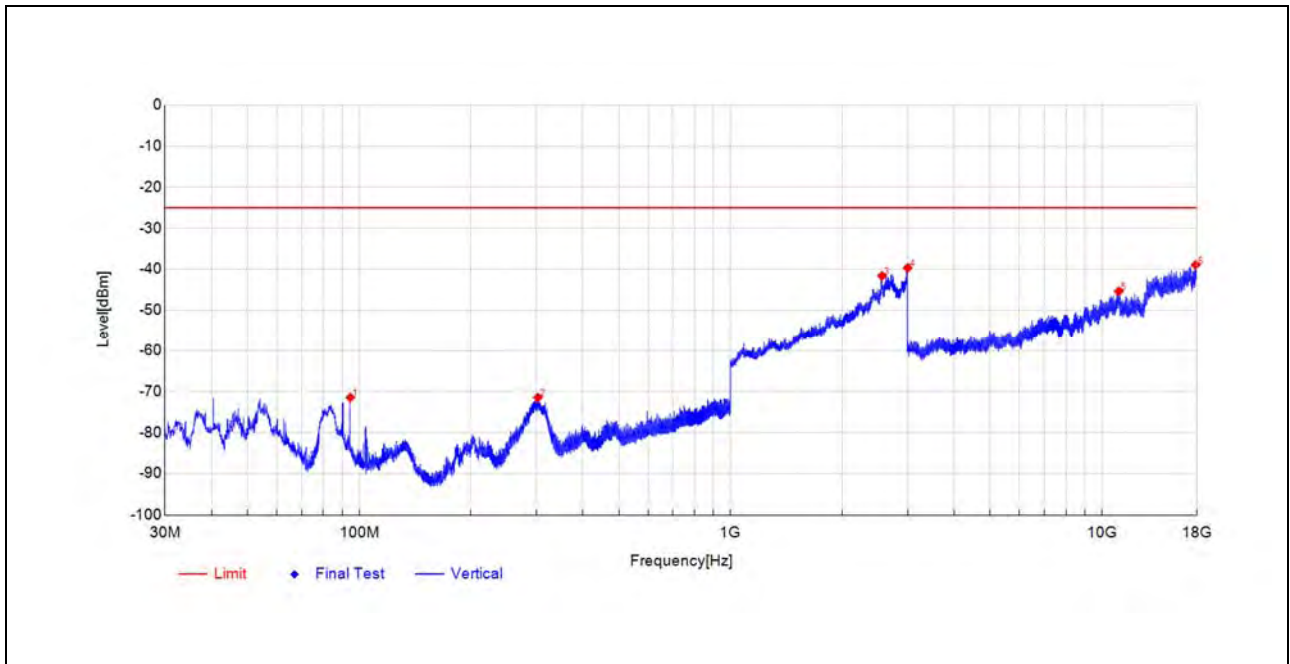


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 90.531          | -50.44        | -72.64      | -22.2       | -25.0       | 47.6        | Vertical | PK       | PASS    |
| 304.1357        | -56.03        | -72.10      | -16.1       | -25.0       | 47.1        | Vertical | PK       | PASS    |
| 1886.5773       | -56.02        | -50.88      | 5.1         | -25.0       | 25.9        | Vertical | PK       | PASS    |
| 3000            | -54.79        | -38.40      | 16.4        | -25.0       | 13.4        | Vertical | PK       | PASS    |
| 10618.363       | -65.22        | -45.15      | 20.1        | -25.0       | 20.2        | Vertical | PK       | PASS    |
| 17914.684       | -70.15        | -39.42      | 30.7        | -25.0       | 14.4        | Vertical | PK       | PASS    |

### Plot for High Channel



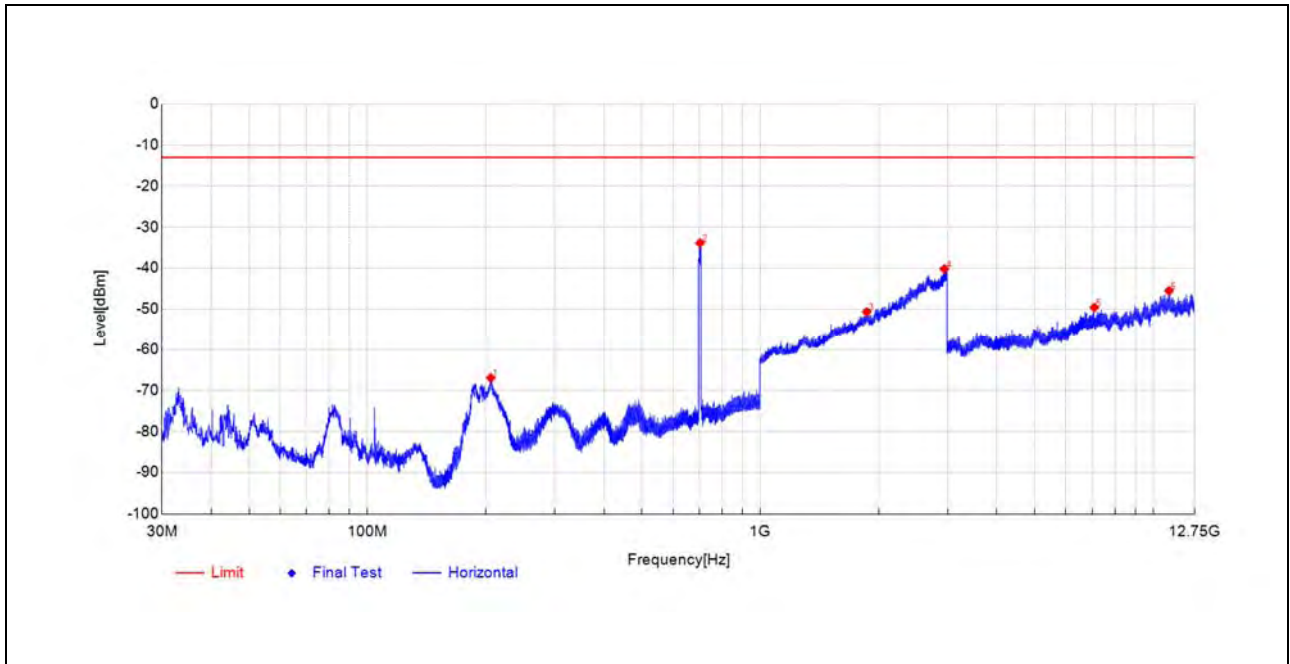
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 32.6191         | -54.39        | -69.54      | -15.2       | -25.0       | 44.5        | Horizontal | PK       | PASS    |
| 190.64          | -49.99        | -69.38      | -19.4       | -25.0       | 44.4        | Horizontal | PK       | PASS    |
| 1876.5753       | -56.61        | -51.25      | 5.4         | -25.0       | 26.3        | Horizontal | PK       | PASS    |
| 2563.9128       | -51.70        | -40.26      | 11.4        | -           | -           | Horizontal | PK       | NA      |
| 11570.424       | -67.05        | -46.55      | 20.5        | -25.0       | 21.6        | Horizontal | PK       | PASS    |
| 17287.946       | -68.82        | -39.06      | 29.8        | -25.0       | 14.1        | Horizontal | PK       | PASS    |



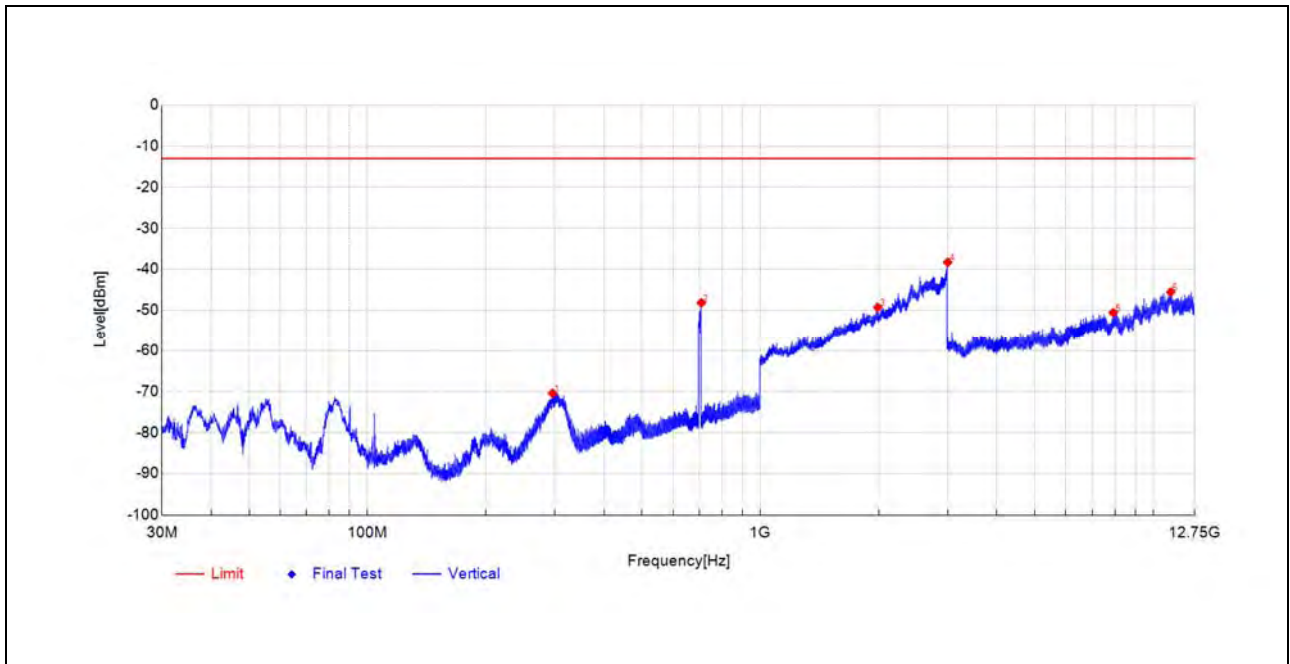
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 94.6052         | -49.62        | -71.47      | -21.9       | -25.0       | 46.5        | Vertical | PK       | PASS    |
| 302.7291        | -55.36        | -71.51      | -16.2       | -25.0       | 46.5        | Vertical | PK       | PASS    |
| 2557.9116       | -54.16        | -41.61      | 12.6        | -           | -           | Vertical | PK       | NA      |
| 2999.5999       | -55.99        | -39.64      | 16.4        | -25.0       | 14.6        | Vertical | PK       | PASS    |
| 11104.940       | -67.71        | -45.36      | 22.4        | -25.0       | 20.4        | Vertical | PK       | PASS    |
| 17885.621       | -69.67        | -38.93      | 30.7        | -25.0       | 13.9        | Vertical | PK       | PASS    |

## LTE Band 12

Plot for Low Channel

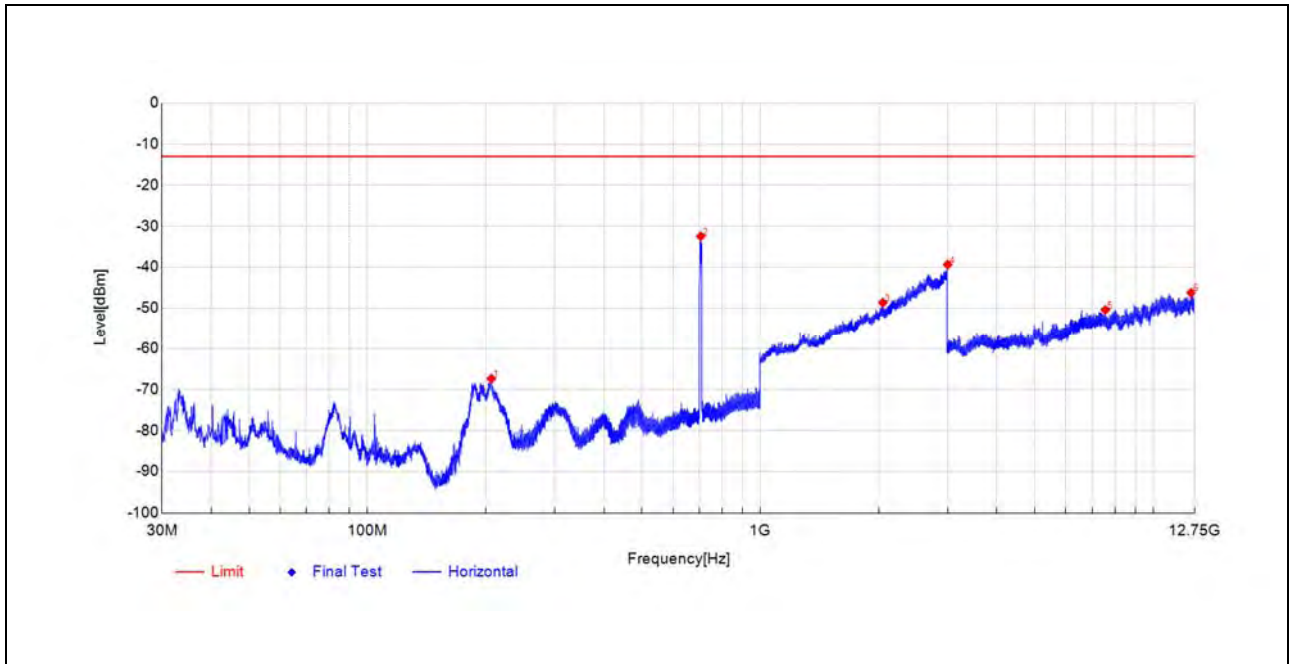


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 205.9668        | -50.64        | -66.96      | -16.3       | -13.0       | 54.0        | Horizontal | PK       | PASS    |
| 702.5346        | -25.91        | -33.86      | -8.0        | -           | -           | Horizontal | PK       | NA      |
| 1865.7732       | -55.99        | -50.65      | 5.3         | -13.0       | 37.7        | Horizontal | PK       | PASS    |
| 2941.1882       | -54.40        | -40.19      | 14.2        | -13.0       | 27.2        | Horizontal | PK       | PASS    |
| 7083.9917       | -61.62        | -49.56      | 12.1        | -13.0       | 36.6        | Horizontal | PK       | PASS    |
| 10975.411       | -66.48        | -45.51      | 21.0        | -13.0       | 32.5        | Horizontal | PK       | PASS    |

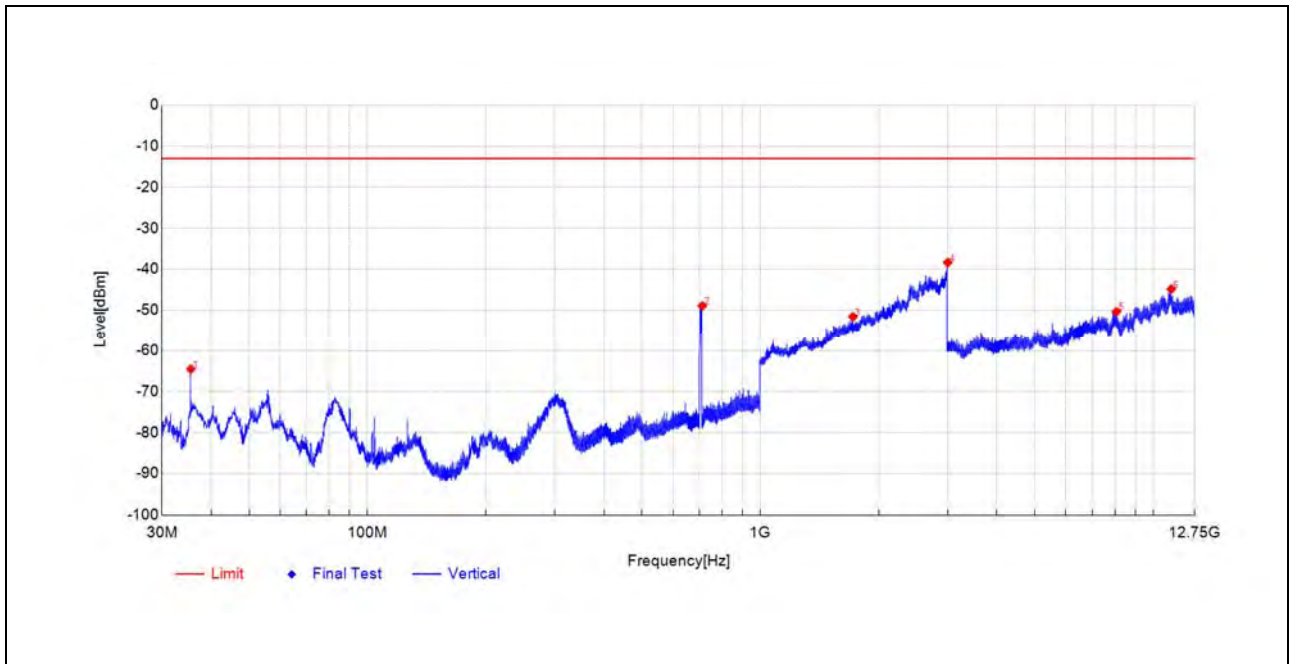


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 295.9873        | -54.26        | -70.45      | -16.2       | -13.0       | 57.5        | Vertical | PK       | PASS    |
| 707.7244        | -40.20        | -48.16      | -8.0        | -           | -           | Vertical | PK       | NA      |
| 1990.9982       | -55.07        | -49.29      | 5.8         | -13.0       | 36.3        | Vertical | PK       | PASS    |
| 2999.5999       | -55.98        | -38.30      | 17.7        | -13.0       | 25.3        | Vertical | PK       | PASS    |
| 7914.2457       | -63.10        | -50.56      | 12.5        | -13.0       | 37.6        | Vertical | PK       | PASS    |
| 11090.954       | -67.91        | -45.53      | 22.4        | -13.0       | 32.5        | Vertical | PK       | PASS    |

### Plot for Mid Channel

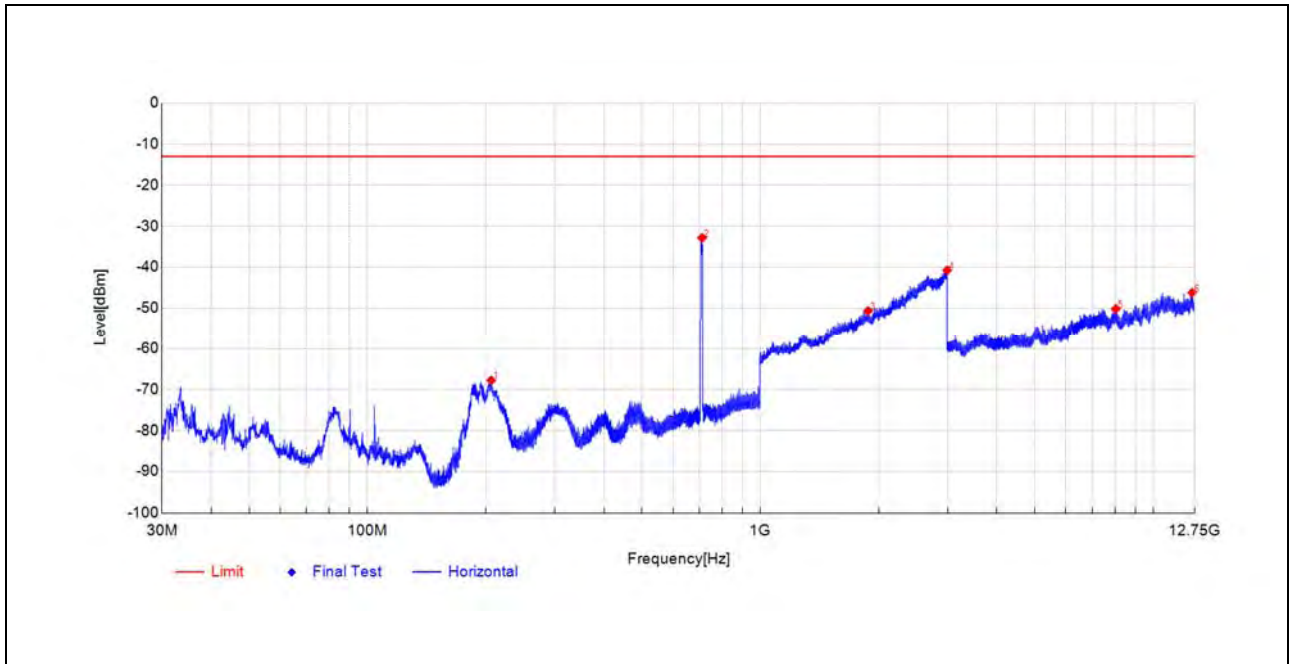


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 206.7428        | -51.12        | -67.38      | -16.3       | -13.0       | 54.4        | Horizontal | PK       | PASS    |
| 705.3478        | -24.50        | -32.44      | -7.9        | -           | -           | Horizontal | PK       | NA      |
| 2051.4103       | -54.69        | -48.63      | 6.1         | -13.0       | 35.6        | Horizontal | PK       | PASS    |
| 2998.7998       | -54.81        | -39.34      | 15.5        | -13.0       | 26.3        | Horizontal | PK       | PASS    |
| 7558.3529       | -62.44        | -50.41      | 12.0        | -13.0       | 37.4        | Horizontal | PK       | PASS    |
| 12497.949       | -69.57        | -46.19      | 23.4        | -13.0       | 33.2        | Horizontal | PK       | PASS    |

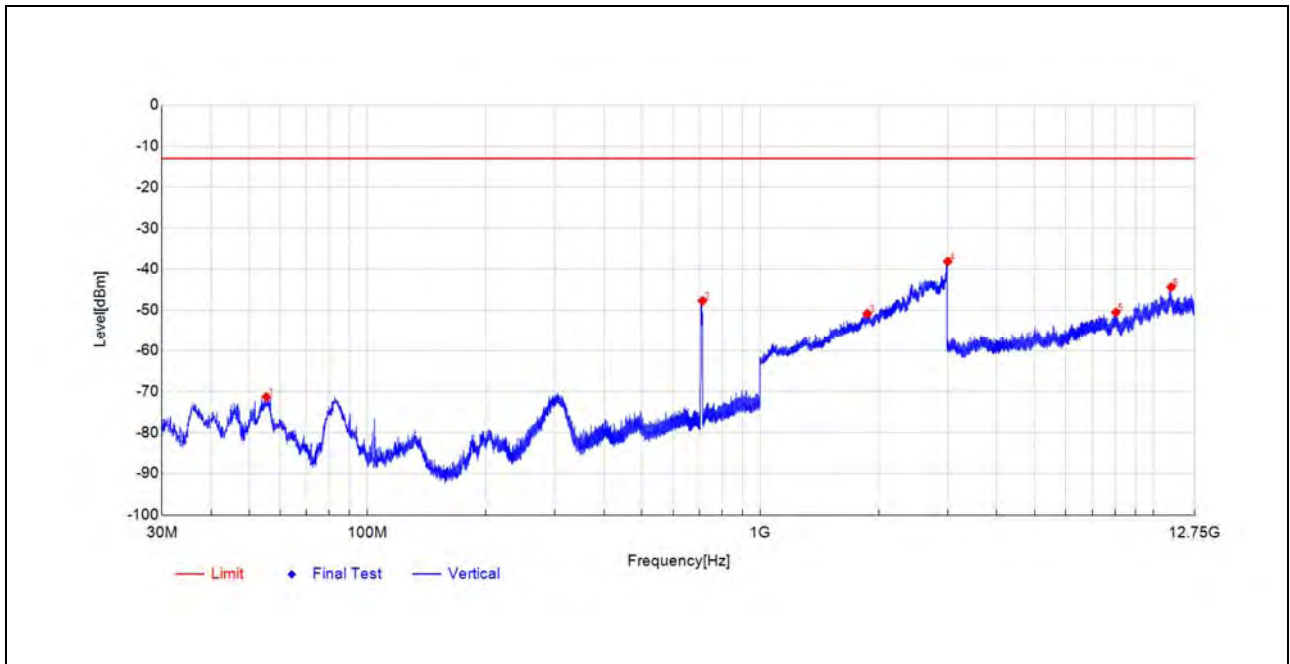


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 35.5293         | -41.36        | -64.57      | -23.2       | -13.0       | 51.6        | Vertical | PK       | PASS    |
| 711.5076        | -41.13        | -48.91      | -7.8        | -           | -           | Vertical | PK       | NA      |
| 1720.5441       | -55.14        | -51.59      | 3.6         | -13.0       | 38.6        | Vertical | PK       | PASS    |
| 2999.1998       | -55.97        | -38.34      | 17.6        | -13.0       | 25.3        | Vertical | PK       | PASS    |
| 8066.3533       | -63.33        | -50.32      | 13.0        | -13.0       | 37.3        | Vertical | PK       | PASS    |
| 11120.206       | -66.95        | -44.82      | 22.1        | -13.0       | 31.8        | Vertical | PK       | PASS    |

### Plot for High Channel



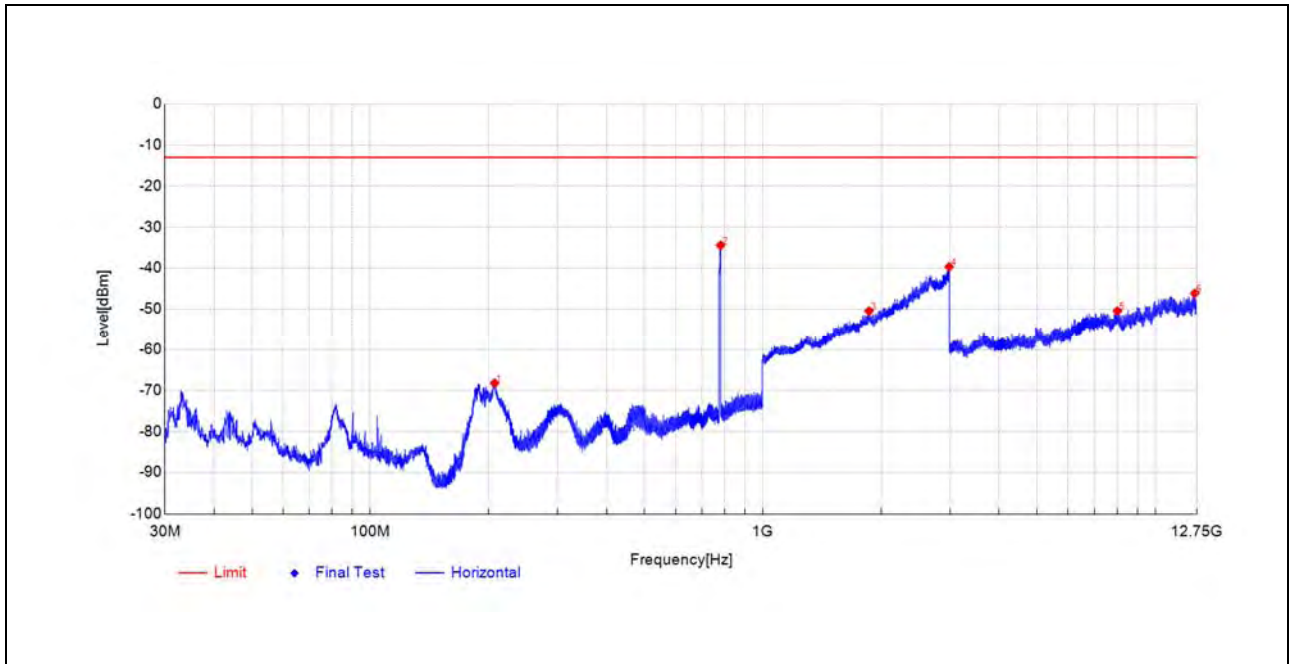
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 206.5003        | -51.51        | -67.79      | -16.3       | -13.0       | 54.8        | Horizontal | PK       | PASS    |
| 710.683         | -25.16        | -32.83      | -7.7        | -           | -           | Horizontal | PK       | NA      |
| 1880.9762       | -56.44        | -50.64      | 5.8         | -13.0       | 37.6        | Horizontal | PK       | PASS    |
| 2989.1978       | -55.89        | -40.74      | 15.2        | -13.0       | 27.7        | Horizontal | PK       | PASS    |
| 8035.1518       | -63.59        | -50.13      | 13.5        | -13.0       | 37.1        | Horizontal | PK       | PASS    |
| 12566.203       | -69.50        | -46.20      | 23.3        | -13.0       | 33.2        | Horizontal | PK       | PASS    |



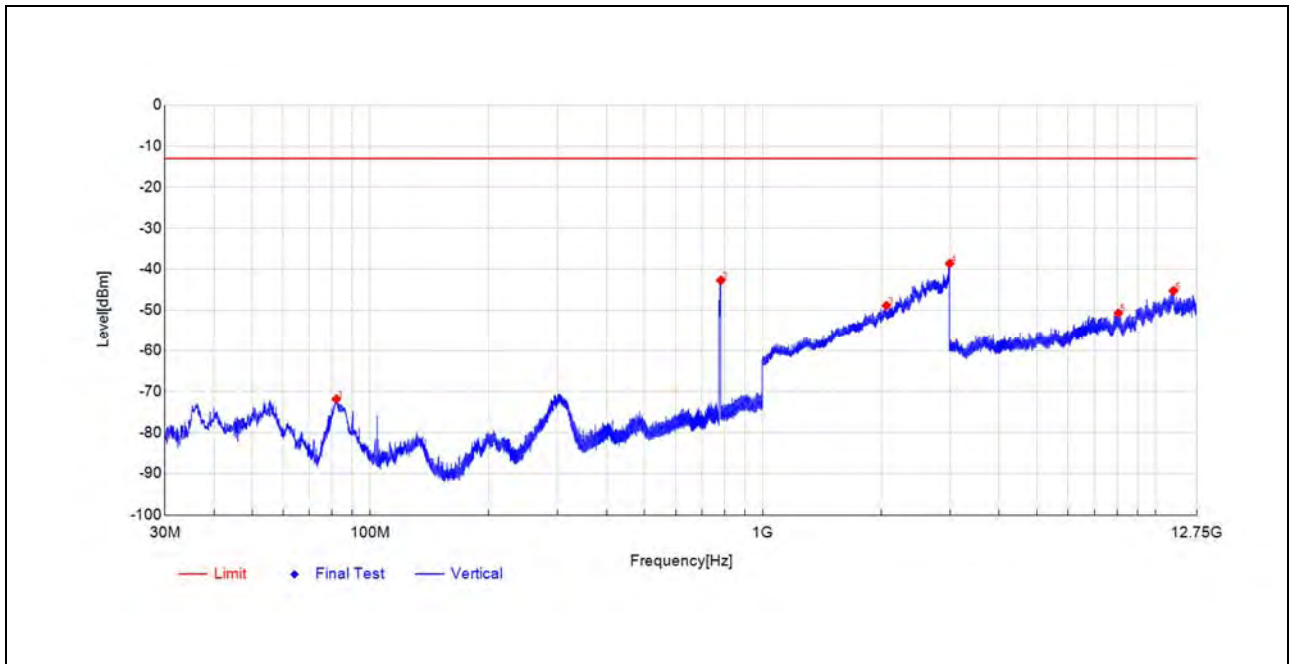
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 55.2698         | -54.51        | -71.33      | -16.8       | -13.0       | 58.3        | Vertical | PK       | PASS    |
| 712.2836        | -39.95        | -47.69      | -7.7        | -           | -           | Vertical | PK       | NA      |
| 1871.7744       | -56.19        | -50.80      | 5.4         | -13.0       | 37.8        | Vertical | PK       | PASS    |
| 3000            | -55.81        | -38.08      | 17.7        | -13.0       | 25.1        | Vertical | PK       | PASS    |
| 8039.5395       | -63.50        | -50.49      | 13.0        | -13.0       | 37.5        | Vertical | PK       | PASS    |
| 11115.818       | -66.53        | -44.34      | 22.2        | -13.0       | 31.3        | Vertical | PK       | PASS    |

## LTE Band 13

### Plot for Low Channel

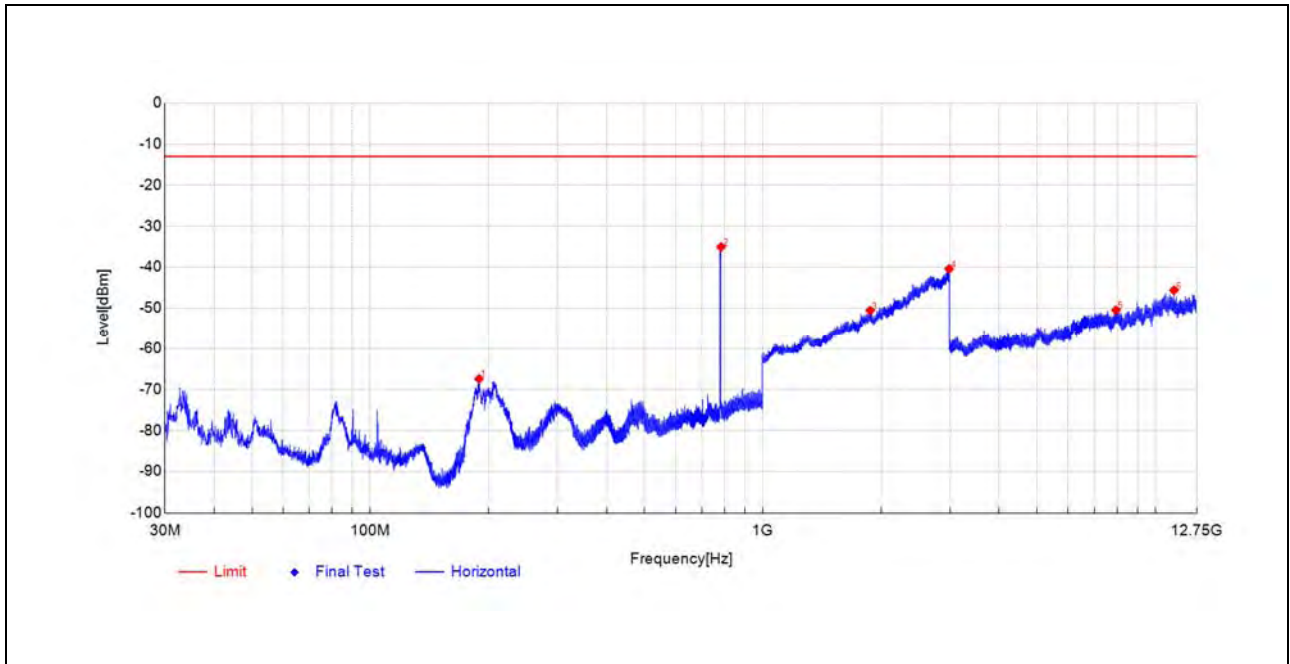


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 207.3249        | -52.04        | -68.26      | -16.2       | -13.0       | 55.3        | Horizontal | PK       | PASS    |
| 780.7205        | -27.17        | -34.43      | -7.3        | -           | -           | Horizontal | PK       | NA      |
| 1864.1728       | -55.74        | -50.45      | 5.3         | -13.0       | 37.5        | Horizontal | PK       | PASS    |
| 2984.797        | -54.68        | -39.68      | 15.0        | -13.0       | 26.7        | Horizontal | PK       | PASS    |
| 8003.9502       | -63.85        | -50.44      | 13.4        | -13.0       | 37.4        | Horizontal | PK       | PASS    |
| 12606.180       | -69.30        | -46.14      | 23.2        | -13.0       | 33.1        | Horizontal | PK       | PASS    |

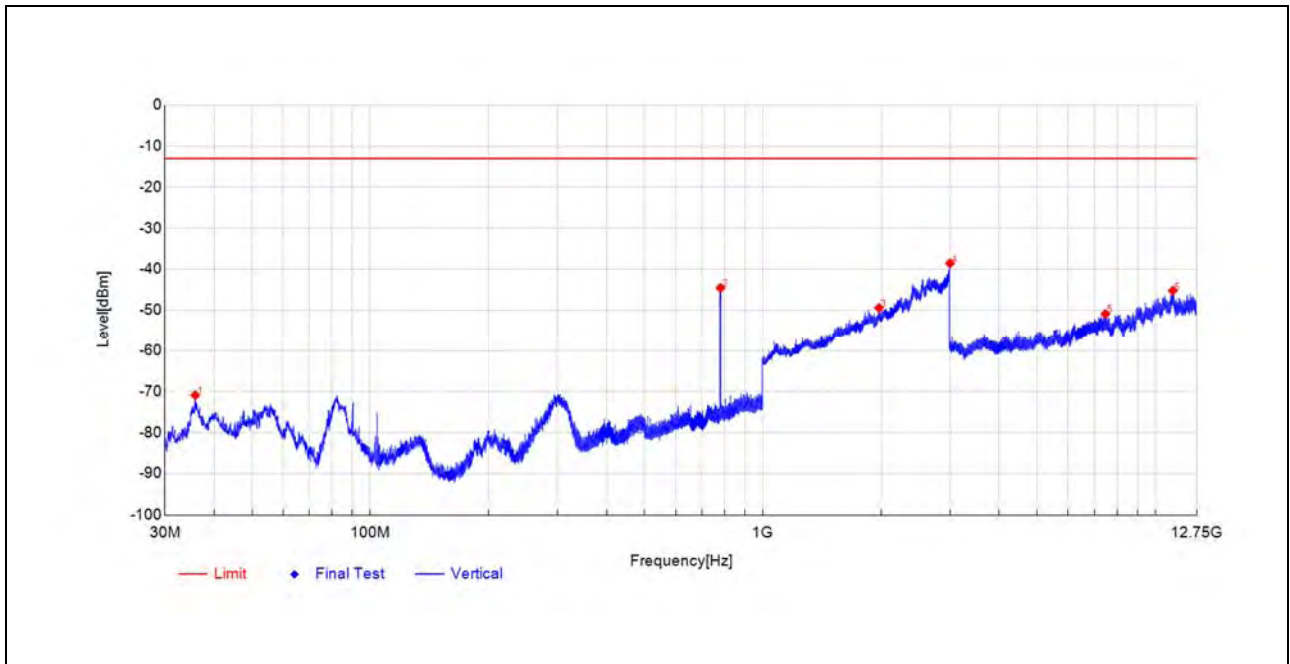


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 81.9461         | -48.94        | -71.86      | -22.9       | -13.0       | 58.9        | Vertical | PK       | PASS    |
| 781.6421        | -35.61        | -42.69      | -7.1        | -           | -           | Vertical | PK       | NA      |
| 2065.4131       | -55.18        | -48.84      | 6.3         | -13.0       | 35.8        | Vertical | PK       | PASS    |
| 2992.3985       | -55.39        | -38.61      | 16.8        | -13.0       | 25.6        | Vertical | PK       | PASS    |
| 8047.8274       | -63.71        | -50.70      | 13.0        | -13.0       | 37.7        | Vertical | PK       | PASS    |
| 11117.768       | -67.40        | -45.24      | 22.2        | -13.0       | 32.2        | Vertical | PK       | PASS    |

Plot for Mid Channel

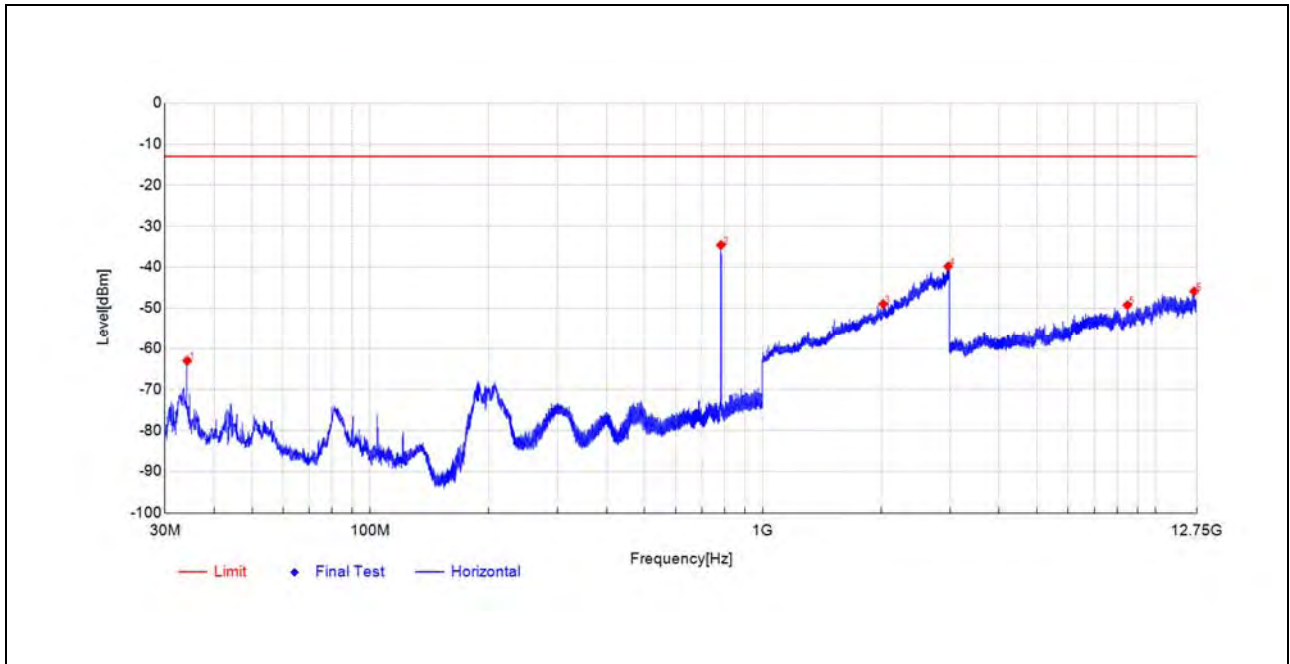


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 189.282         | -48.28        | -67.42      | -19.1       | -13.0       | 54.4        | Horizontal | PK       | PASS    |
| 782.6606        | -27.81        | -35.05      | -7.2        | -           | -           | Horizontal | PK       | NA      |
| 1877.3755       | -56.29        | -50.54      | 5.8         | -13.0       | 37.5        | Horizontal | PK       | PASS    |
| 2982.3965       | -55.31        | -40.40      | 14.9        | -13.0       | 27.4        | Horizontal | PK       | PASS    |
| 7941.0596       | -63.66        | -50.46      | 13.2        | -13.0       | 37.5        | Horizontal | PK       | PASS    |
| 11155.307       | -65.59        | -45.63      | 20.0        | -13.0       | 32.6        | Horizontal | PK       | PASS    |

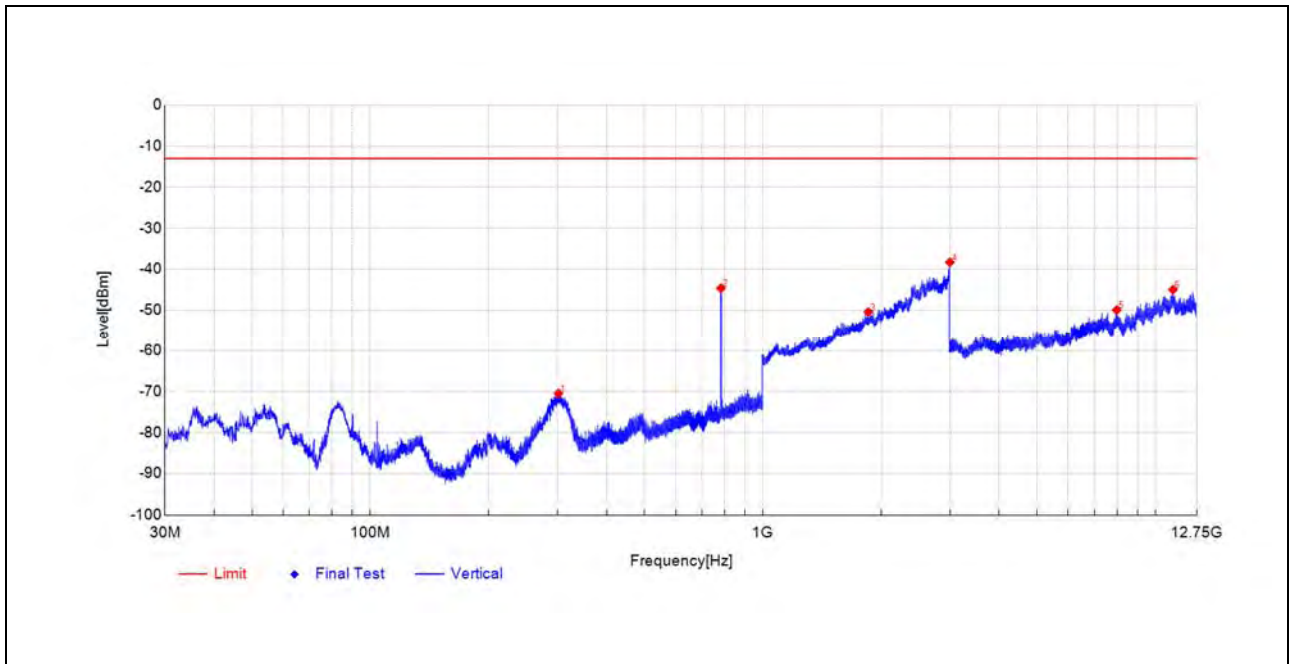


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 35.8203         | -47.81        | -70.92      | -23.1       | -13.0       | 57.9        | Vertical | PK       | PASS    |
| 780.187         | -37.42        | -44.54      | -7.1        | -           | -           | Vertical | PK       | NA      |
| 1977.3955       | -55.40        | -49.40      | 6.0         | -13.0       | 36.4        | Vertical | PK       | PASS    |
| 2998.3997       | -56.06        | -38.54      | 17.5        | -13.0       | 25.5        | Vertical | PK       | PASS    |
| 7464.2607       | -62.82        | -50.90      | 11.9        | -13.0       | 37.9        | Vertical | PK       | PASS    |
| 11079.254       | -67.55        | -45.23      | 22.3        | -13.0       | 32.2        | Vertical | PK       | PASS    |

### Plot for High Channel

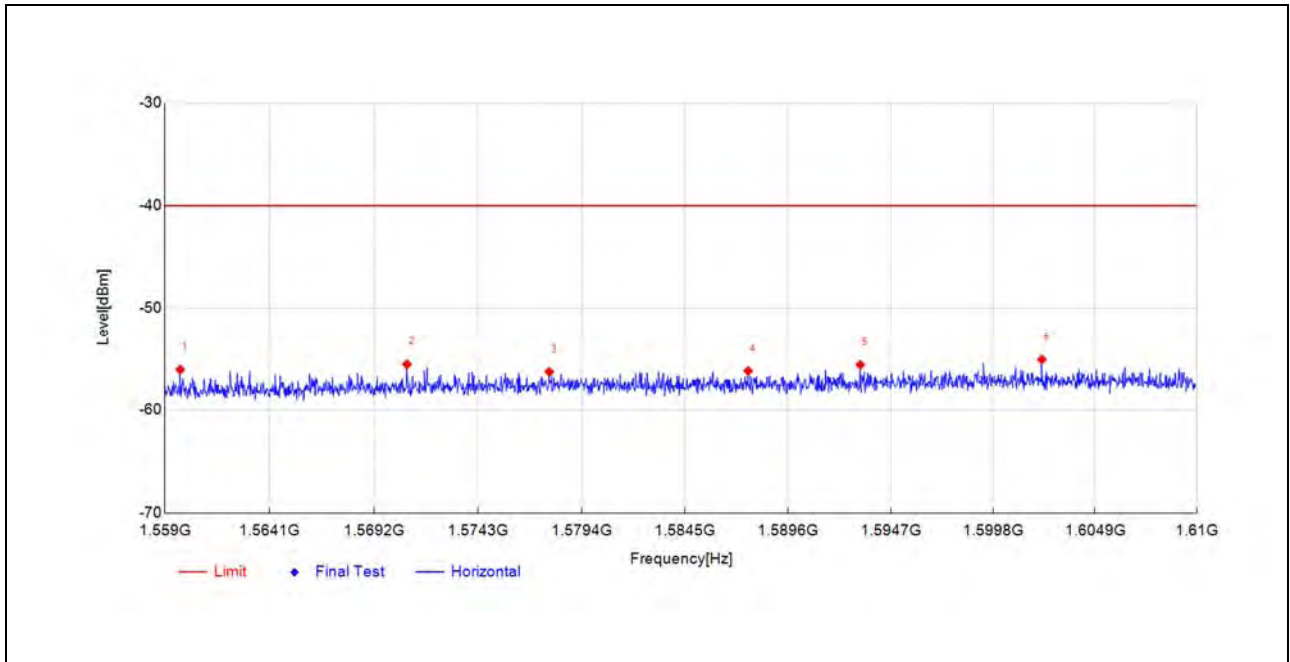


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 34.1712         | -47.96        | -63.02      | -15.1       | -13.0       | 50.0        | Horizontal | PK       | PASS    |
| 782.8546        | -27.34        | -34.58      | -7.2        | -           | -           | Horizontal | PK       | NA      |
| 2026.2052       | -55.21        | -48.96      | 6.3         | -13.0       | 36.0        | Horizontal | PK       | PASS    |
| 2965.9932       | -54.75        | -39.78      | 15.0        | -13.0       | 26.8        | Horizontal | PK       | PASS    |
| 8492.9371       | -63.02        | -49.25      | 13.8        | -13.0       | 36.3        | Horizontal | PK       | PASS    |
| 12562.303       | -69.16        | -45.86      | 23.3        | -13.0       | 32.9        | Horizontal | PK       | PASS    |

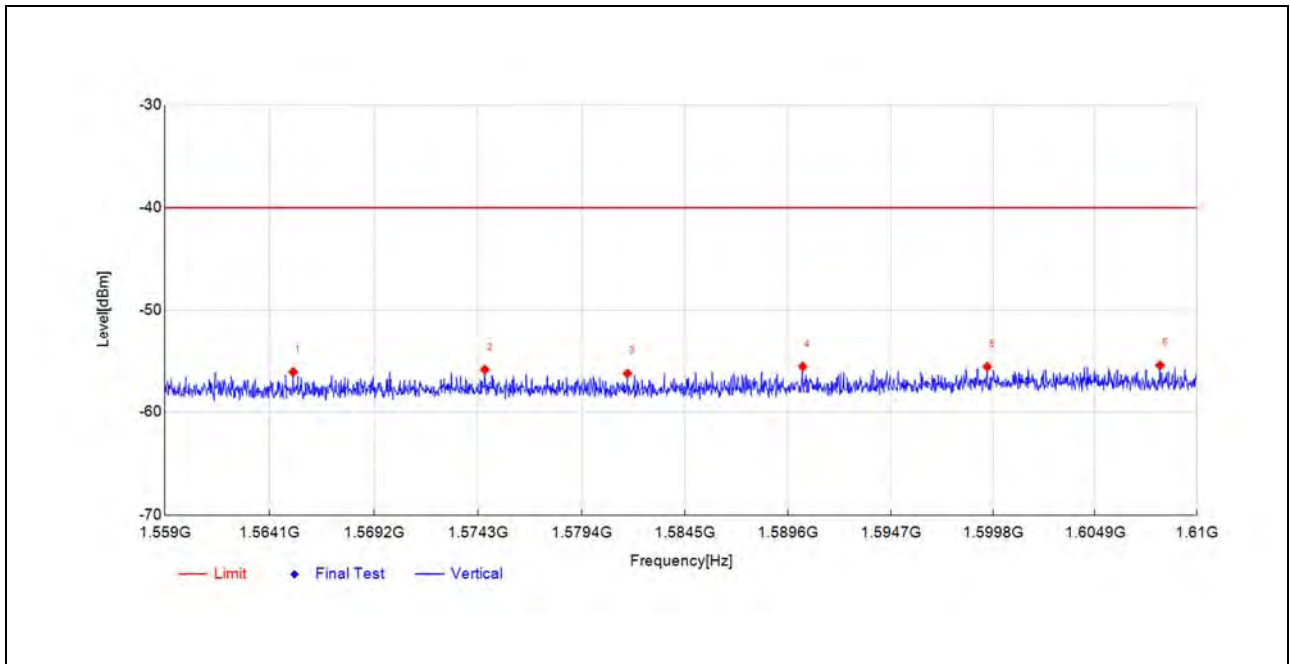


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 301.5651        | -54.64        | -70.50      | -15.9       | -13.0       | 57.5        | Vertical | PK       | PASS    |
| 782.4666        | -37.54        | -44.60      | -7.1        | -           | -           | Vertical | PK       | NA      |
| 1856.9714       | -55.32        | -50.40      | 4.9         | -13.0       | 37.4        | Vertical | PK       | PASS    |
| 2996.3993       | -55.57        | -38.29      | 17.3        | -13.0       | 25.3        | Vertical | PK       | PASS    |
| 7974.2112       | -62.80        | -49.92      | 12.9        | -13.0       | 36.9        | Vertical | PK       | PASS    |
| 11090.954       | -67.35        | -44.97      | 22.4        | -13.0       | 32.0        | Vertical | PK       | PASS    |

## Plot for 1559MHz-1610MHz



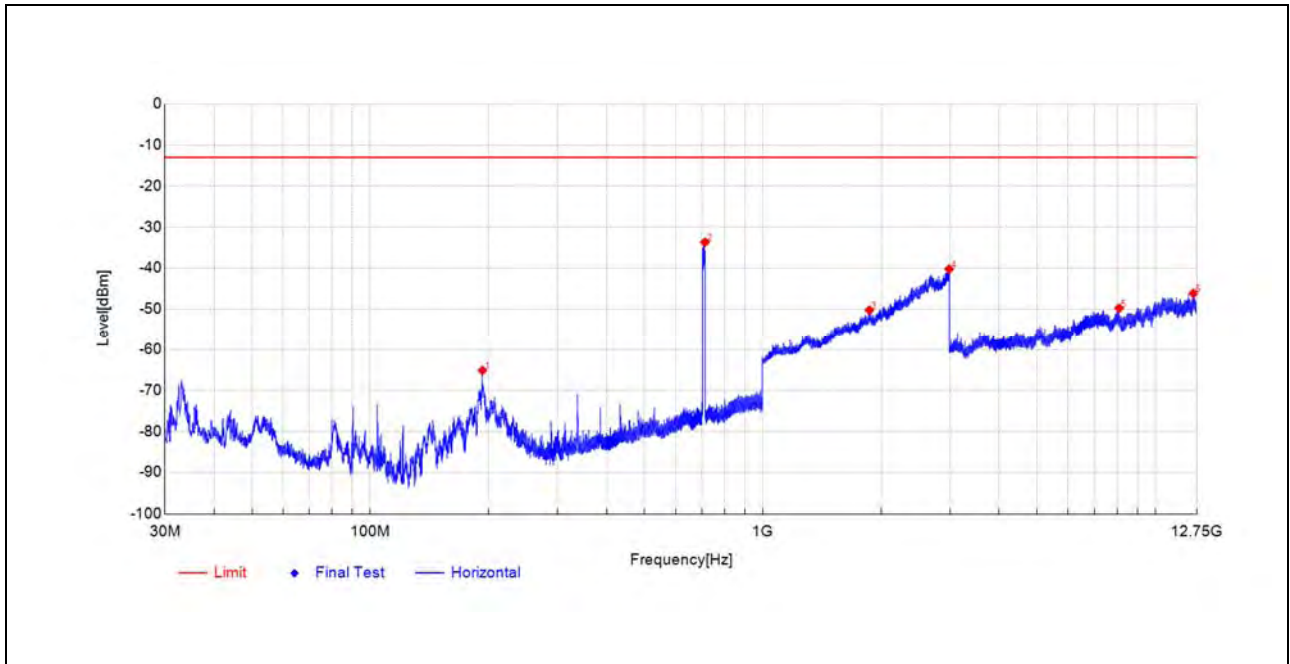
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 1559.7399       | -58.56        | -56.07      | 2.5         | -40.0       | 16.1        | Horizontal | PK       | PASS    |
| 1570.8124       | -58.06        | -55.55      | 2.5         | -40.0       | 15.6        | Horizontal | PK       | PASS    |
| 1577.8029       | -58.81        | -56.28      | 2.5         | -40.0       | 16.3        | Horizontal | PK       | PASS    |
| 1587.6253       | -58.72        | -56.20      | 2.5         | -40.0       | 16.2        | Horizontal | PK       | PASS    |
| 1593.1871       | -58.12        | -55.60      | 2.5         | -40.0       | 15.6        | Horizontal | PK       | PASS    |
| 1602.2441       | -57.59        | -55.08      | 2.5         | -40.0       | 15.1        | Horizontal | PK       | PASS    |



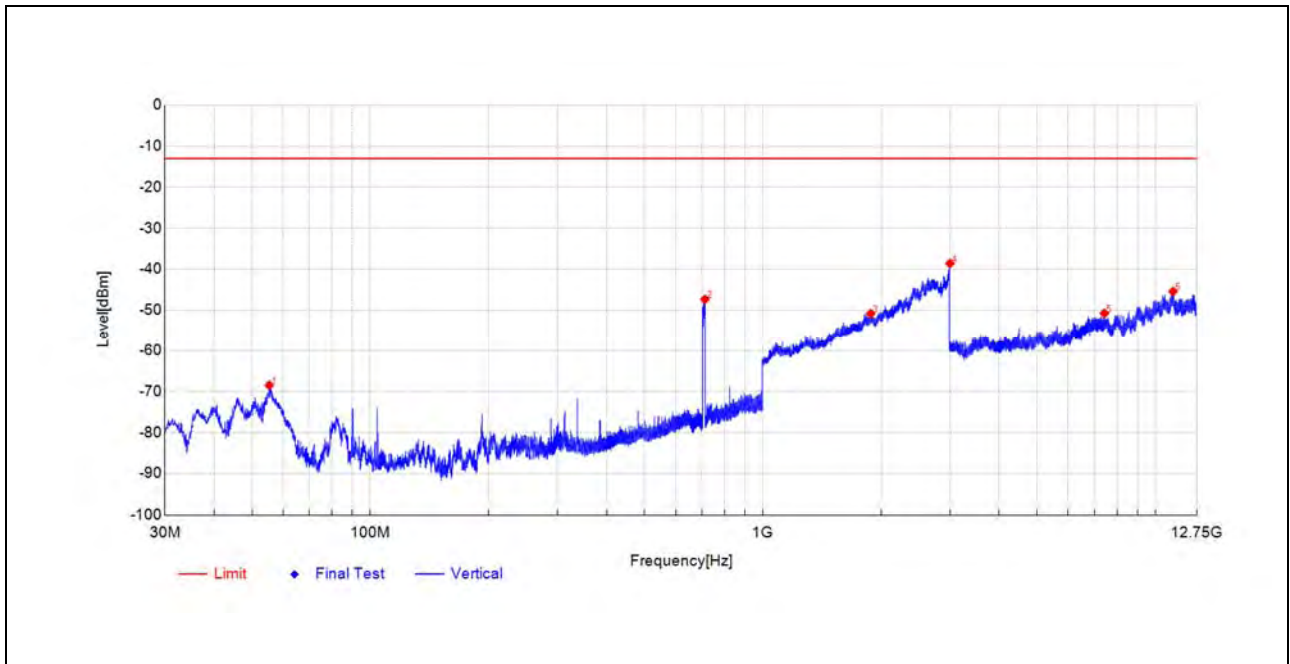
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 1565.2506       | -58.69        | -56.11      | 2.6         | -40.0       | 16.1        | Vertical | PK       | PASS    |
| 1574.6393       | -58.30        | -55.88      | 2.4         | -40.0       | 15.9        | Vertical | PK       | PASS    |
| 1581.6553       | -58.60        | -56.25      | 2.4         | -40.0       | 16.3        | Vertical | PK       | PASS    |
| 1590.3297       | -58.05        | -55.58      | 2.5         | -40.0       | 15.6        | Vertical | PK       | PASS    |
| 1599.5143       | -58.18        | -55.59      | 2.6         | -40.0       | 15.6        | Vertical | PK       | PASS    |
| 1608.1631       | -58.15        | -55.46      | 2.7         | -40.0       | 15.5        | Vertical | PK       | PASS    |

**LTE Band 17**

## Plot for Low Channel

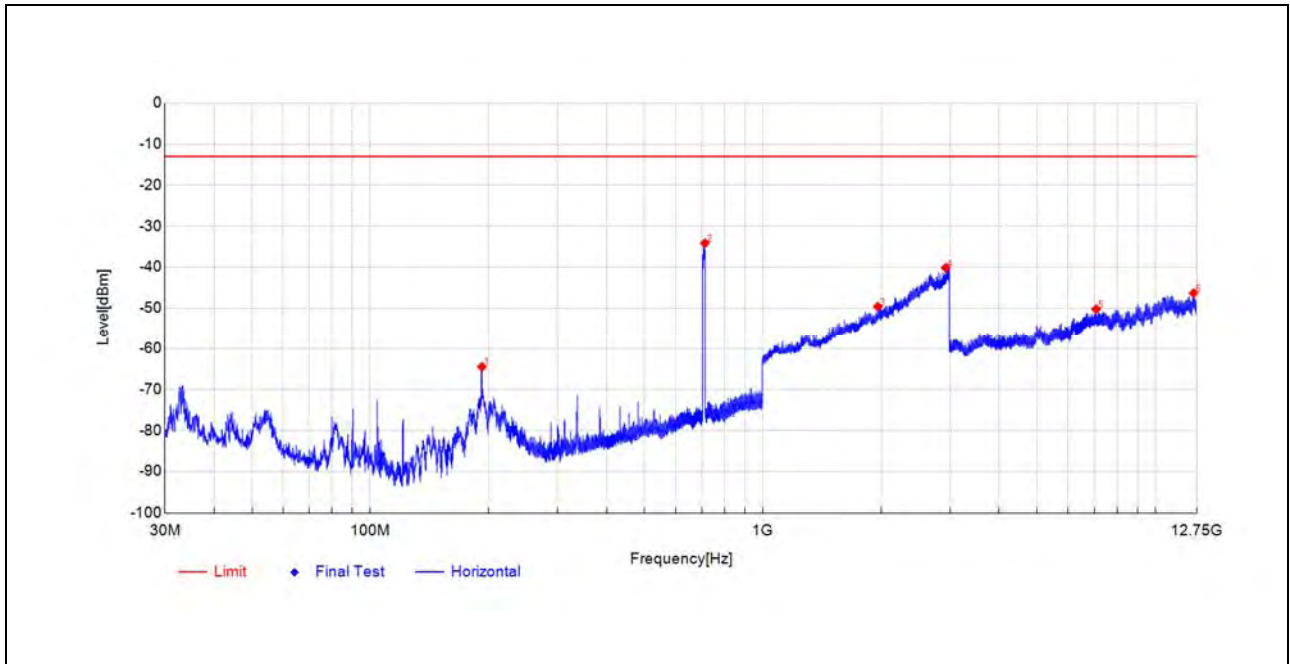


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 193.0652        | -46.69        | -65.15      | -18.5       | -13.0       | 52.2        | Horizontal | PK       | PASS    |
| 711.8956        | -26.08        | -33.68      | -7.6        | -           | -           | Horizontal | PK       | NA      |
| 1868.5737       | -55.65        | -50.21      | 5.4         | -13.0       | 37.2        | Horizontal | PK       | PASS    |
| 2983.1966       | -55.16        | -40.22      | 14.9        | -13.0       | 27.2        | Horizontal | PK       | PASS    |
| 8082.4416       | -63.28        | -49.75      | 13.5        | -13.0       | 36.8        | Horizontal | PK       | PASS    |
| 12504.287       | -69.56        | -46.14      | 23.4        | -13.0       | 33.1        | Horizontal | PK       | PASS    |

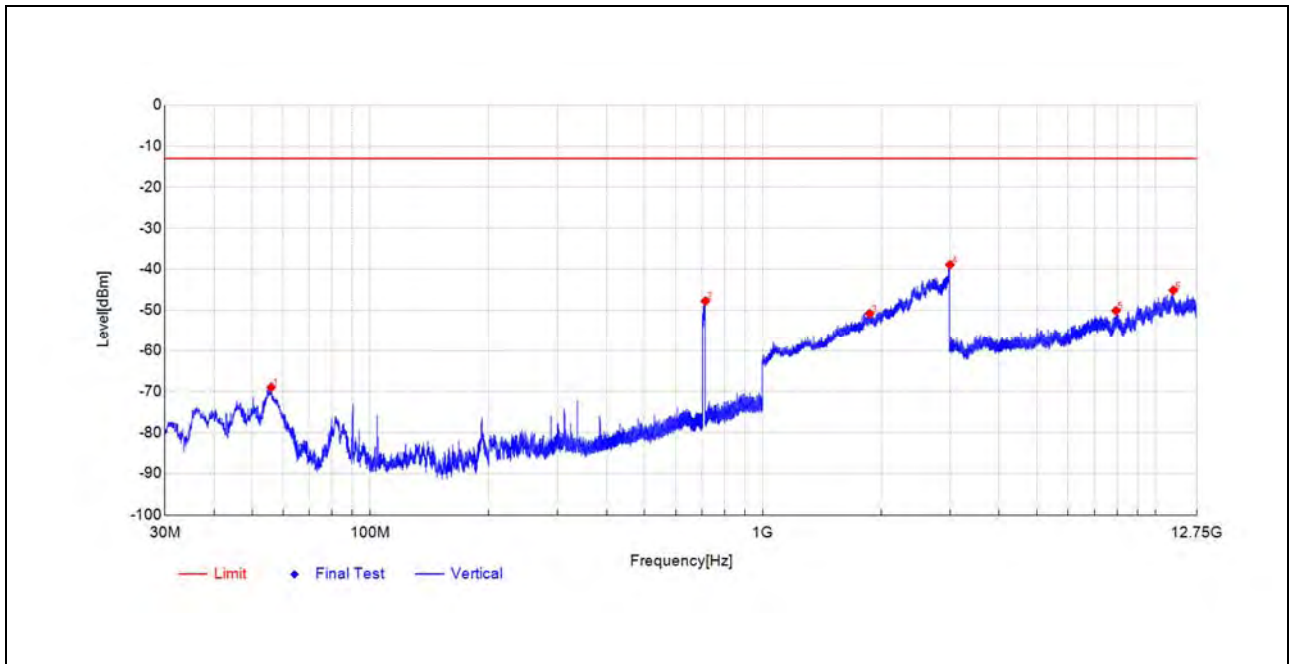


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 55.2698         | -51.67        | -68.49      | -16.8       | -13.0       | 55.5        | Vertical | PK       | PASS    |
| 712.1866        | -39.56        | -47.31      | -7.8        | -           | -           | Vertical | PK       | NA      |
| 1882.1764       | -56.46        | -50.81      | 5.7         | -13.0       | 37.8        | Vertical | PK       | PASS    |
| 2998.3997       | -56.09        | -38.57      | 17.5        | -13.0       | 25.6        | Vertical | PK       | PASS    |
| 7417.4584       | -62.48        | -50.72      | 11.8        | -13.0       | 37.7        | Vertical | PK       | PASS    |
| 11094.367       | -67.78        | -45.40      | 22.4        | -13.0       | 32.4        | Vertical | PK       | PASS    |

Plot for Mid Channel

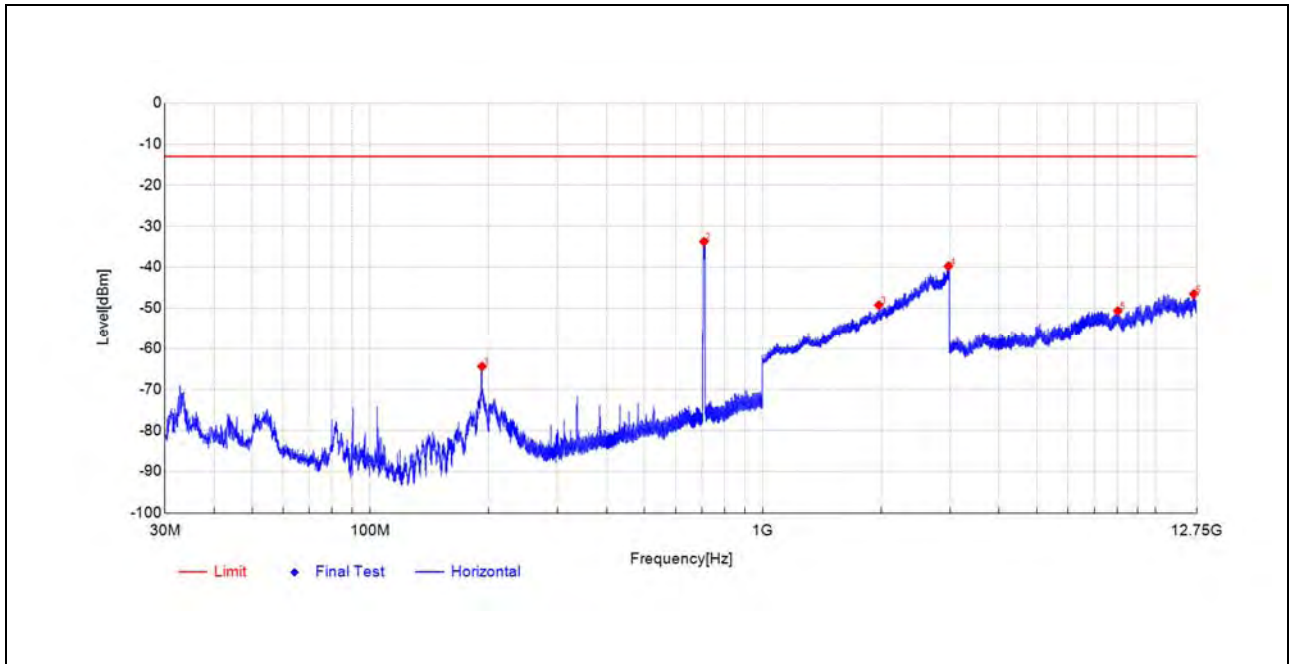


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 192.6286        | -45.97        | -64.50      | -18.5       | -13.0       | 51.5        | Horizontal | PK       | PASS    |
| 712.0896        | -26.54        | -34.13      | -7.6        | -           | -           | Horizontal | PK       | NA      |
| 1963.3927       | -55.13        | -49.57      | 5.6         | -13.0       | 36.6        | Horizontal | PK       | PASS    |
| 2924.3849       | -53.64        | -40.13      | 13.5        | -13.0       | 27.1        | Horizontal | PK       | PASS    |
| 7061.5656       | -62.15        | -50.21      | 11.9        | -13.0       | 37.2        | Horizontal | PK       | PASS    |
| 12528.176       | -69.68        | -46.31      | 23.4        | -13.0       | 33.3        | Horizontal | PK       | PASS    |

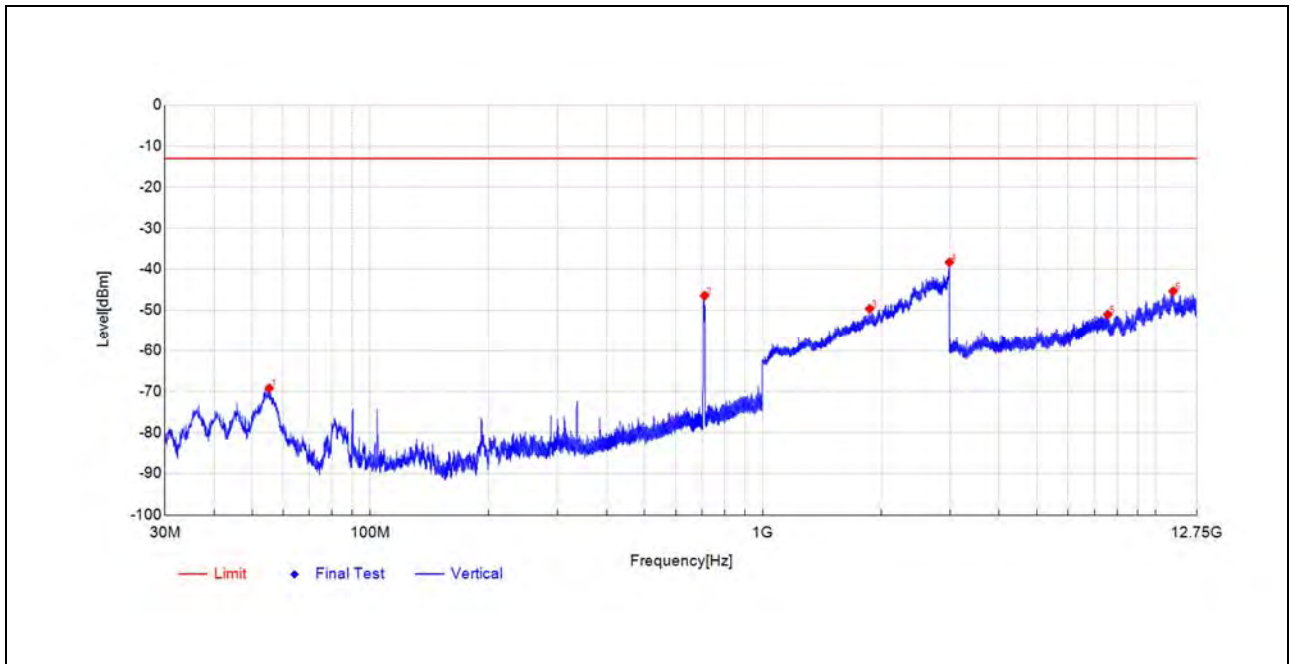


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 55.9488         | -52.01        | -69.01      | -17.0       | -13.0       | 56.0        | Vertical | PK       | PASS    |
| 713.9327        | -40.08        | -47.75      | -7.7        | -           | -           | Vertical | PK       | NA      |
| 1871.3743       | -56.18        | -50.80      | 5.4         | -13.0       | 37.8        | Vertical | PK       | PASS    |
| 2996.7994       | -56.21        | -38.88      | 17.3        | -13.0       | 25.9        | Vertical | PK       | PASS    |
| 7945.4473       | -62.81        | -50.09      | 12.7        | -13.0       | 37.1        | Vertical | PK       | PASS    |
| 11111.918       | -67.36        | -45.12      | 22.2        | -13.0       | 32.1        | Vertical | PK       | PASS    |

### Plot for High Channel



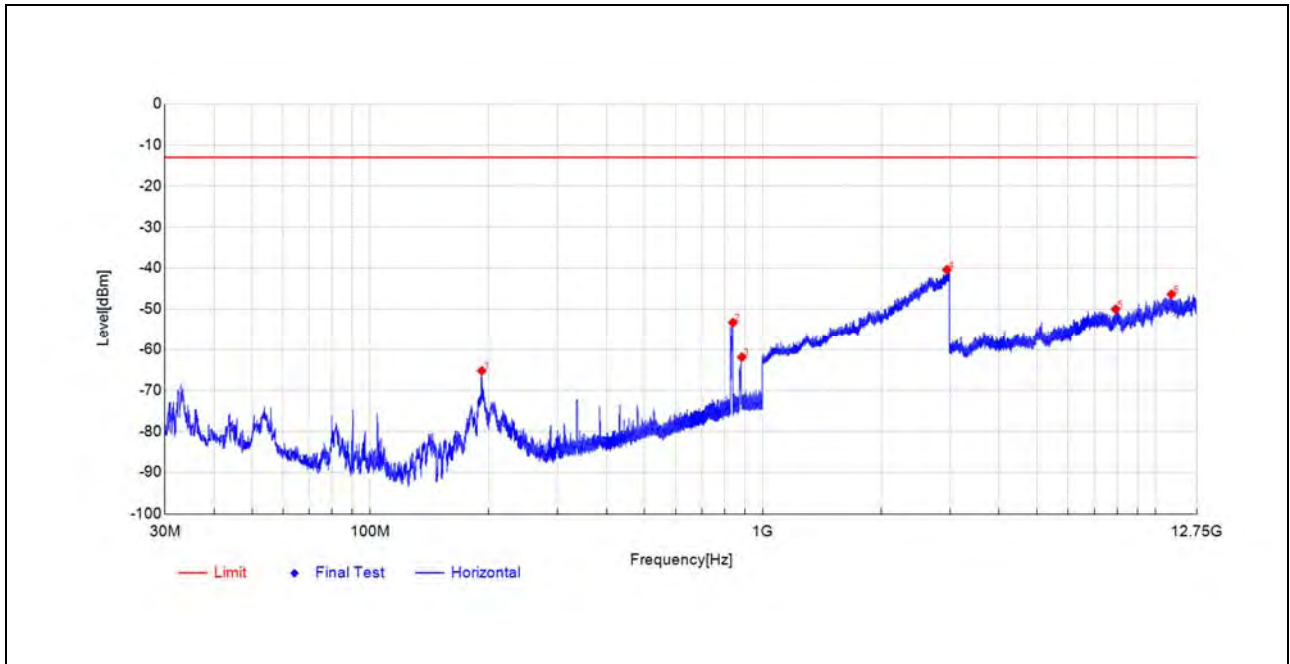
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 192.5801        | -45.86        | -64.40      | -18.5       | -13.0       | 51.4        | Horizontal | PK       | PASS    |
| 708.0639        | -25.95        | -33.76      | -7.8        | -           | -           | Horizontal | PK       | NA      |
| 1974.995        | -55.07        | -49.25      | 5.8         | -13.0       | 36.3        | Horizontal | PK       | PASS    |
| 2970.3941       | -54.67        | -39.74      | 14.9        | -13.0       | 26.7        | Horizontal | PK       | PASS    |
| 8025.4013       | -64.10        | -50.66      | 13.4        | -13.0       | 37.7        | Horizontal | PK       | PASS    |
| 12537.926       | -69.88        | -46.53      | 23.4        | -13.0       | 33.5        | Horizontal | PK       | PASS    |



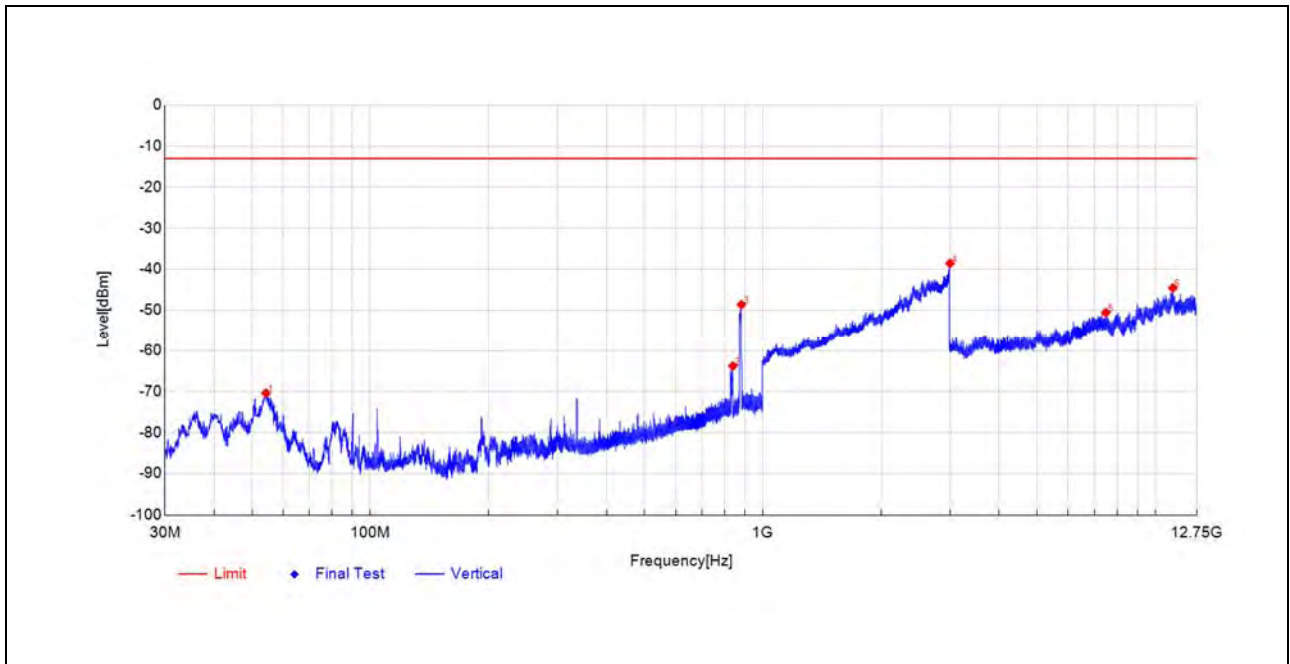
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 55.2698         | -52.40        | -69.22      | -16.8       | -13.0       | 56.2        | Vertical | PK       | PASS    |
| 710.295         | -38.61        | -46.45      | -7.8        | -           | -           | Vertical | PK       | NA      |
| 1871.3743       | -54.99        | -49.61      | 5.4         | -13.0       | 36.6        | Vertical | PK       | PASS    |
| 2988.7978       | -54.61        | -38.29      | 16.3        | -13.0       | 25.3        | Vertical | PK       | PASS    |
| 7565.6658       | -62.49        | -51.05      | 11.4        | -13.0       | 38.1        | Vertical | PK       | PASS    |
| 11100.705       | -67.75        | -45.35      | 22.4        | -13.0       | 32.4        | Vertical | PK       | PASS    |

## LTE Band 19

### Plot for Low Channel

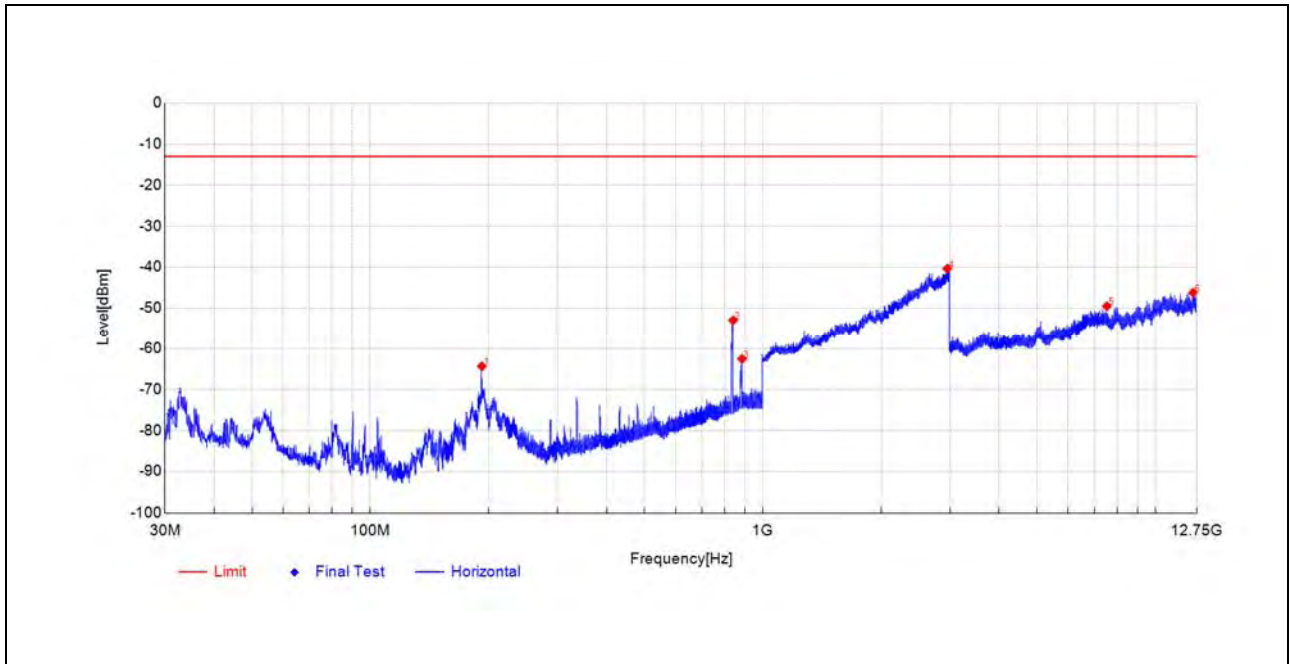


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 192.4346        | -46.35        | -65.26      | -18.9       | -13.0       | 52.3        | Horizontal | PK       | PASS    |
| 839.0205        | -47.81        | -53.27      | -5.5        | -           | -           | Horizontal | PK       | NA      |
| 884.0792        | -57.20        | -61.92      | -4.7        | -           | -           | Horizontal | PK       | NA      |
| 2944.3889       | -54.96        | -40.38      | 14.6        | -13.0       | 27.4        | Horizontal | PK       | PASS    |
| 7924.9712       | -63.14        | -50.00      | 13.1        | -13.0       | 37.0        | Horizontal | PK       | PASS    |
| 10997.349       | -67.32        | -46.35      | 21.0        | -13.0       | 33.4        | Horizontal | PK       | PASS    |

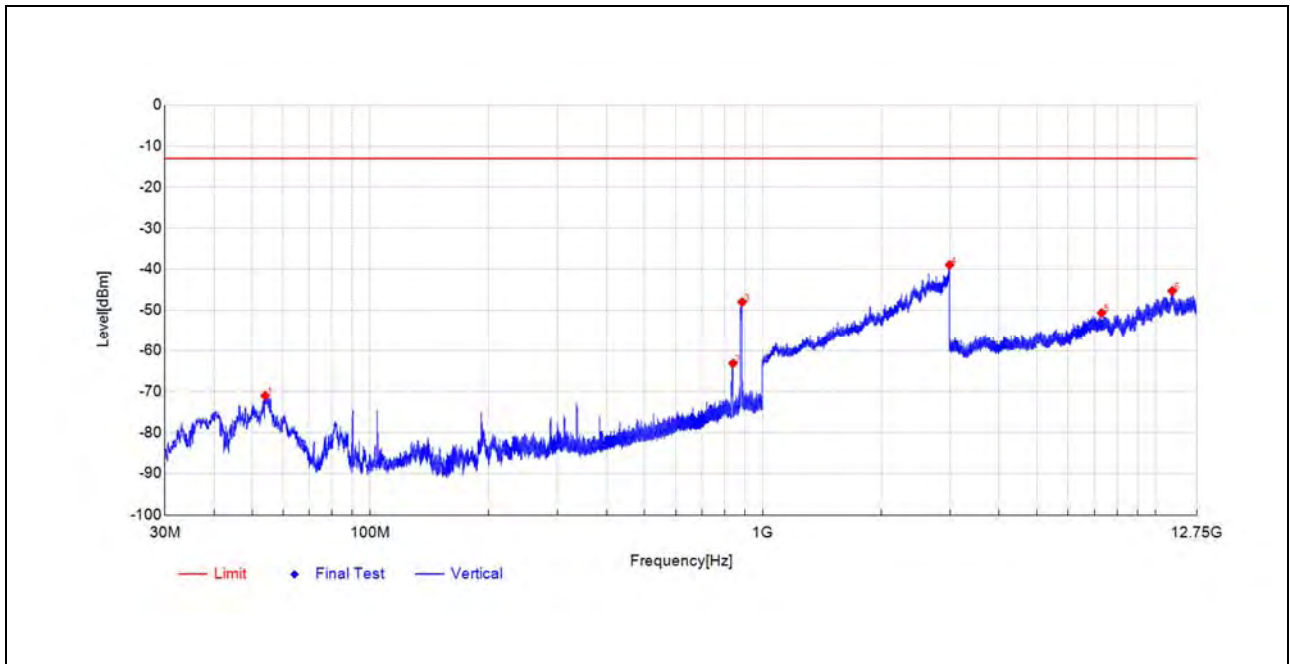


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 54.2512         | -53.31        | -70.42      | -17.1       | -13.0       | 57.4        | Vertical | PK       | PASS    |
| 838.7779        | -58.05        | -63.82      | -5.8        | -           | -           | Vertical | PK       | NA      |
| 882.1391        | -44.15        | -48.62      | -4.5        | -           | -           | Vertical | PK       | NA      |
| 2999.1998       | -55.76        | -38.59      | 17.2        | -13.0       | 25.6        | Vertical | PK       | PASS    |
| 7480.8365       | -62.51        | -50.53      | 12.0        | -13.0       | 37.5        | Vertical | PK       | PASS    |
| 11086.566       | -66.89        | -44.54      | 22.4        | -13.0       | 31.5        | Vertical | PK       | PASS    |

Plot for Mid Channel

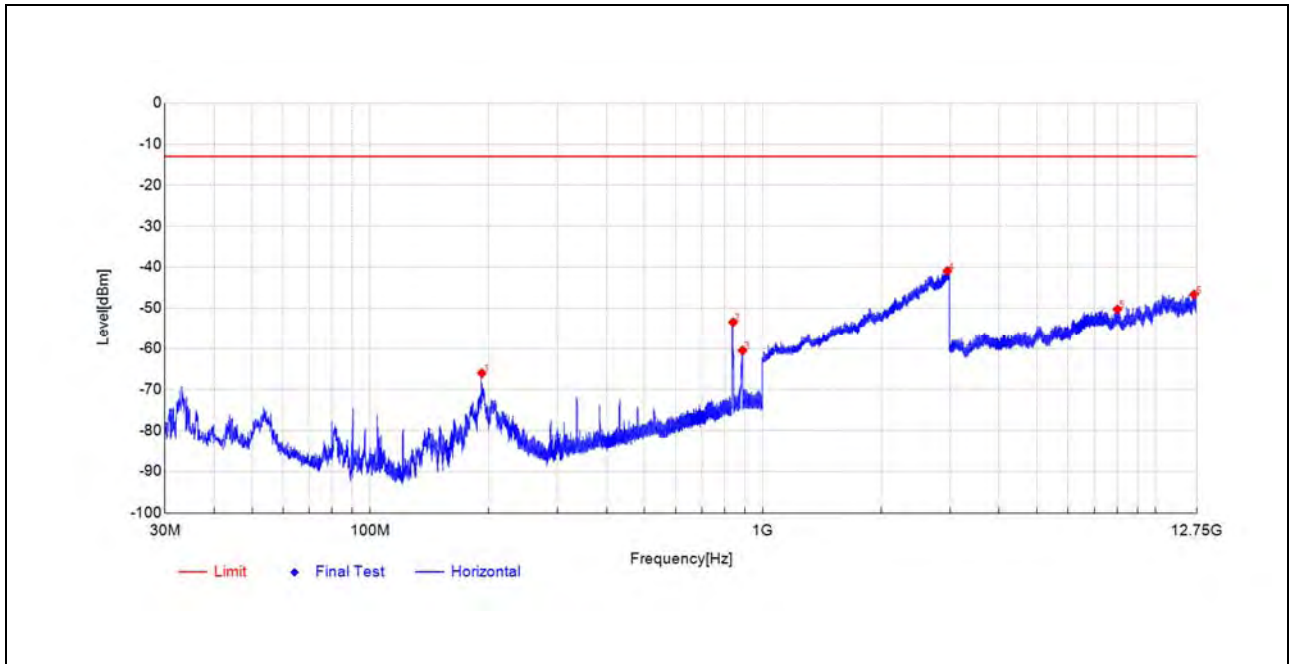


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 192.3861        | -45.46        | -64.37      | -18.9       | -13.0       | 51.4        | Horizontal | PK       | PASS    |
| 840.233         | -47.52        | -52.95      | -5.4        | -           | -           | Horizontal | PK       | NA      |
| 885.2433        | -57.85        | -62.57      | -4.7        | -           | -           | Horizontal | PK       | NA      |
| 2951.5903       | -55.31        | -40.34      | 15.0        | -13.0       | 27.3        | Horizontal | PK       | PASS    |
| 7525.6888       | -61.73        | -49.47      | 12.3        | -13.0       | 36.5        | Horizontal | PK       | PASS    |
| 12479.424       | -69.15        | -46.20      | 23.0        | -13.0       | 33.2        | Horizontal | PK       | PASS    |

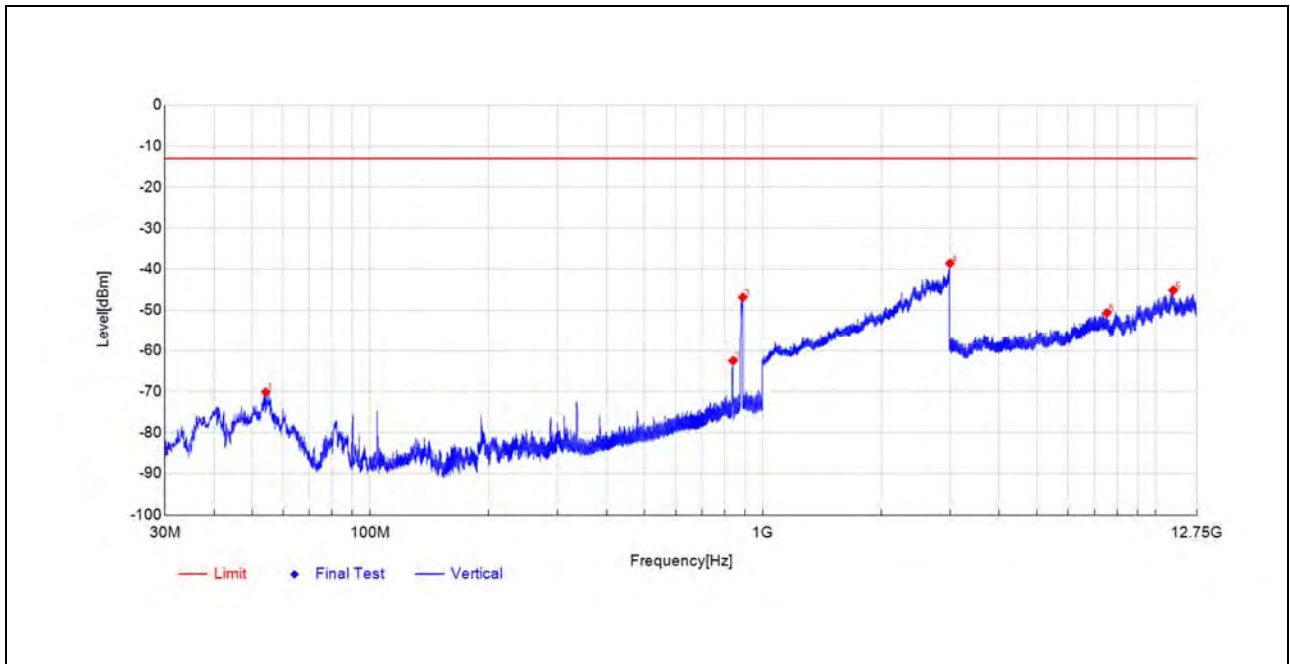


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 53.9602         | -53.82        | -71.04      | -17.2       | -13.0       | 58.0        | Vertical | PK       | PASS    |
| 839.3115        | -57.43        | -63.19      | -5.8        | -           | -           | Vertical | PK       | NA      |
| 885.8253        | -43.53        | -47.98      | -4.5        | -           | -           | Vertical | PK       | NA      |
| 2992.3985       | -55.35        | -38.93      | 16.4        | -13.0       | 25.9        | Vertical | PK       | PASS    |
| 7297.0399       | -62.75        | -50.64      | 12.1        | -13.0       | 37.6        | Vertical | PK       | PASS    |
| 11044.152       | -67.45        | -45.27      | 22.2        | -13.0       | 32.3        | Vertical | PK       | PASS    |

### Plot for High Channel



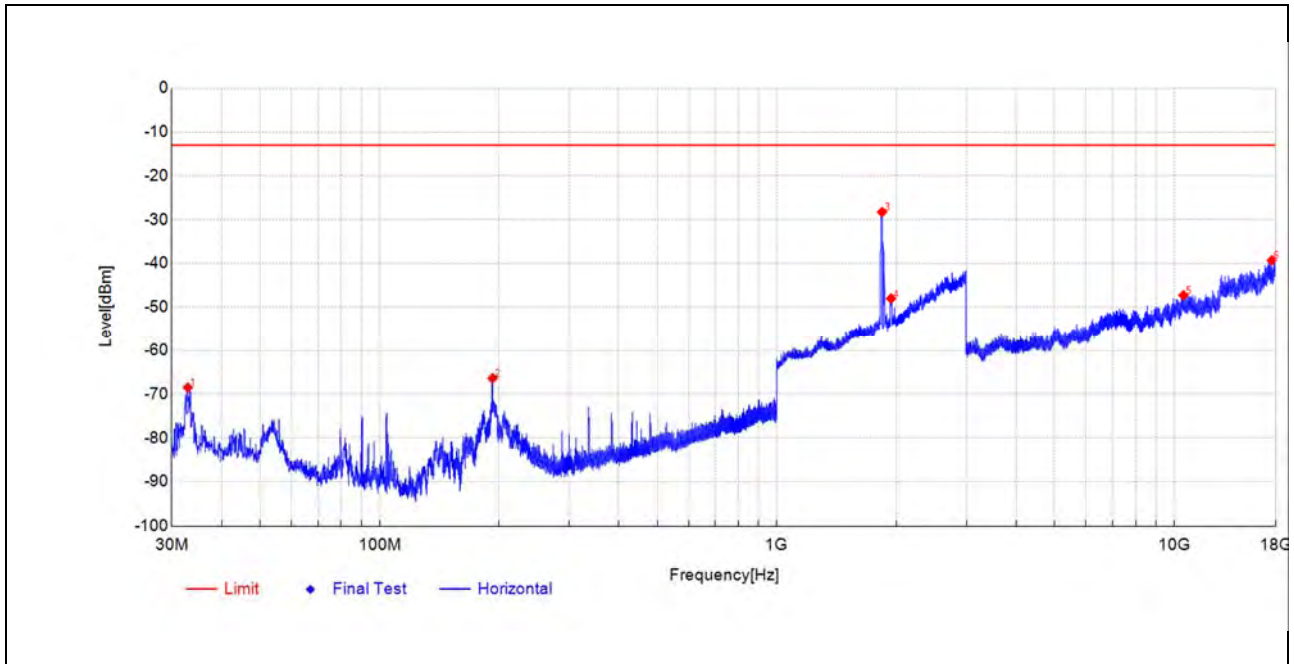
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 192.3861        | -47.14        | -66.05      | -18.9       | -13.0       | 53.1        | Horizontal | PK       | PASS    |
| 839.748         | -47.99        | -53.43      | -5.4        | -           | -           | Horizontal | PK       | NA      |
| 887.8139        | -55.79        | -60.50      | -4.7        | -           | -           | Horizontal | PK       | NA      |
| 2952.7906       | -55.95        | -40.91      | 15.0        | -13.0       | 27.9        | Horizontal | PK       | PASS    |
| 8005.9003       | -63.68        | -50.27      | 13.4        | -13.0       | 37.3        | Horizontal | PK       | PASS    |
| 12554.015       | -69.95        | -46.64      | 23.3        | -13.0       | 33.6        | Horizontal | PK       | PASS    |



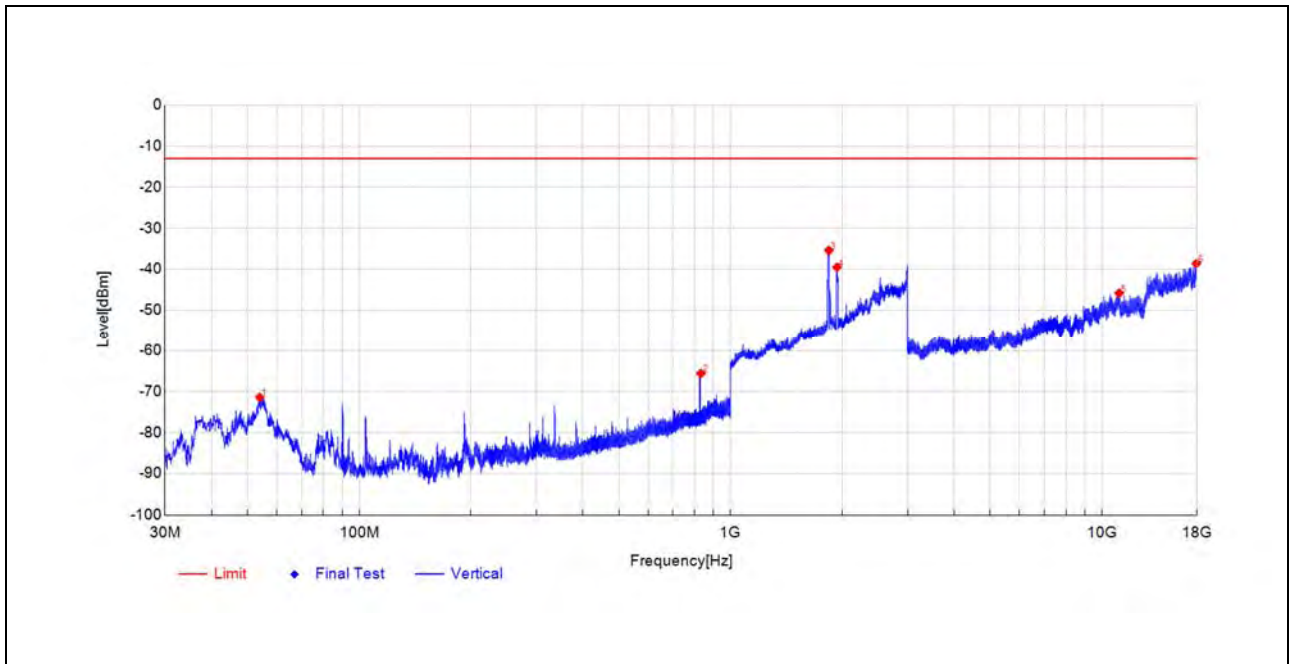
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 54.1542         | -52.99        | -70.14      | -17.2       | -13.0       | 57.1        | Vertical | PK       | PASS    |
| 839.5055        | -56.78        | -62.53      | -5.8        | -           | -           | Vertical | PK       | NA      |
| 889.075         | -42.36        | -46.81      | -4.5        | -           | -           | Vertical | PK       | NA      |
| 2997.1994       | -55.52        | -38.57      | 17.0        | -13.0       | 25.6        | Vertical | PK       | PASS    |
| 7526.1763       | -62.43        | -50.62      | 11.8        | -13.0       | 37.6        | Vertical | PK       | PASS    |
| 11106.555       | -67.45        | -45.13      | 22.3        | -13.0       | 32.1        | Vertical | PK       | PASS    |

## LTE Band 25

Plot for Low Channel



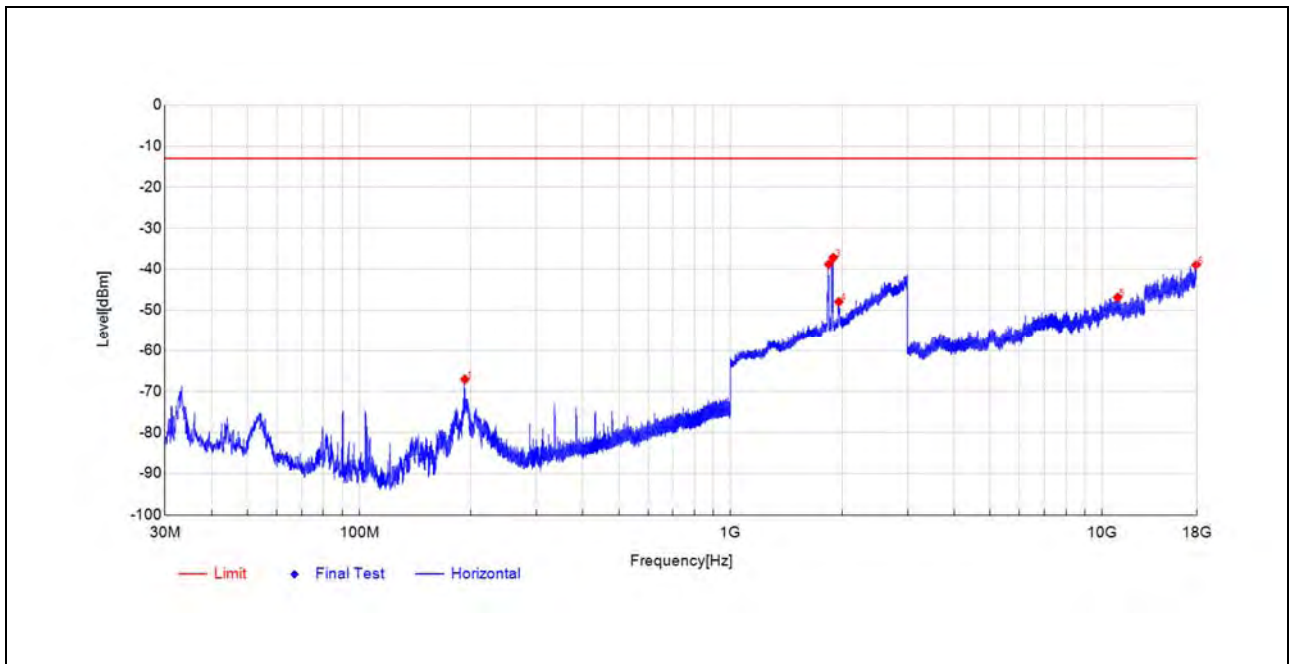
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 32.9101         | -53.30        | -68.51      | -15.2       | -13.0       | 55.5        | Horizontal | PK       | PASS    |
| 192.4831        | -47.29        | -66.42      | -19.1       | -13.0       | 53.4        | Horizontal | PK       | PASS    |
| 1840.168        | -32.48        | -28.25      | 4.2         | -13.0       | 15.3        | Horizontal | PK       | PASS    |
| 1937.3875       | -52.04        | -47.97      | 4.1         | -           | -           | Horizontal | PK       | NA      |
| 10545.704       | -66.94        | -47.23      | 19.7        | -13.0       | 34.2        | Horizontal | PK       | PASS    |
| 17606.237       | -70.77        | -39.25      | 31.5        | -13.0       | 26.3        | Horizontal | PK       | PASS    |



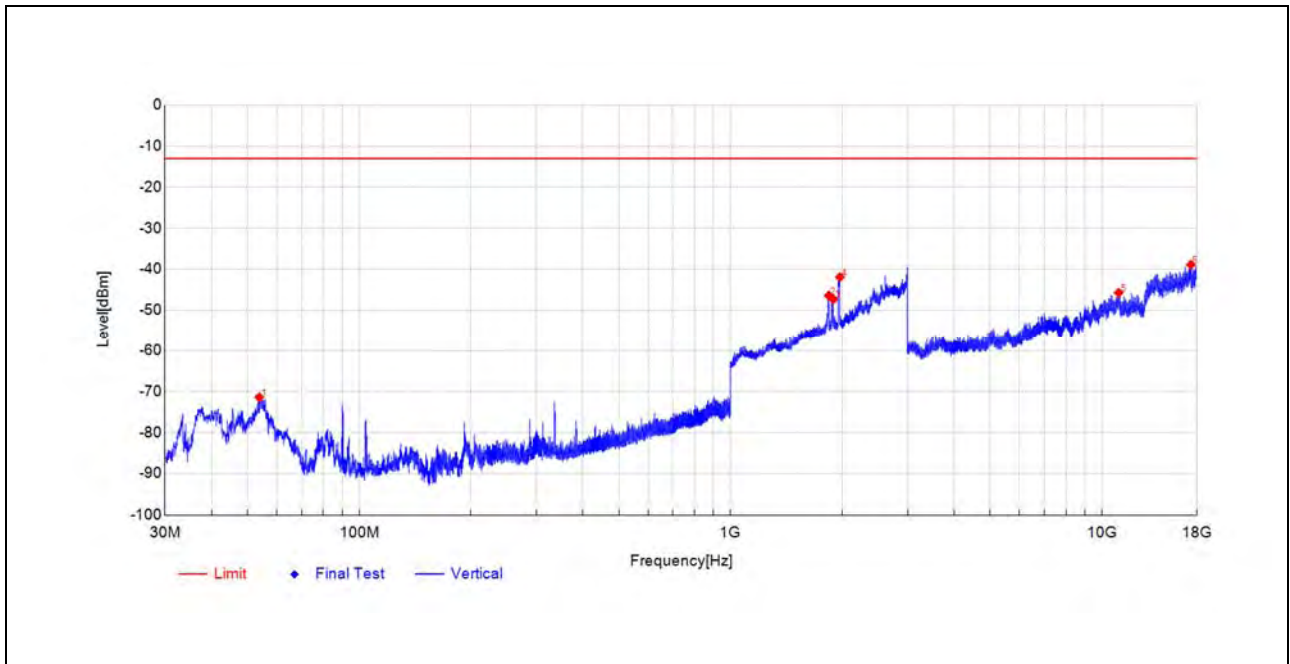
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 53.9602         | -54.13        | -71.44      | -17.3       | -13.0       | 58.4        | Vertical | PK       | PASS    |
| 831.9391        | -58.24        | -65.63      | -7.4        | -13.0       | 52.6        | Vertical | PK       | PASS    |
| 1839.768        | -39.97        | -35.39      | 4.6         | -13.0       | 22.4        | Vertical | PK       | PASS    |
| 1934.5869       | -43.39        | -39.50      | 3.9         | -           | -           | Vertical | PK       | NA      |
| 11136.348       | -67.70        | -45.80      | 21.9        | -13.0       | 32.8        | Vertical | PK       | PASS    |
| 17958.748       | -68.84        | -38.61      | 30.2        | -13.0       | 25.6        | Vertical | PK       | PASS    |



Plot for Mid Channel

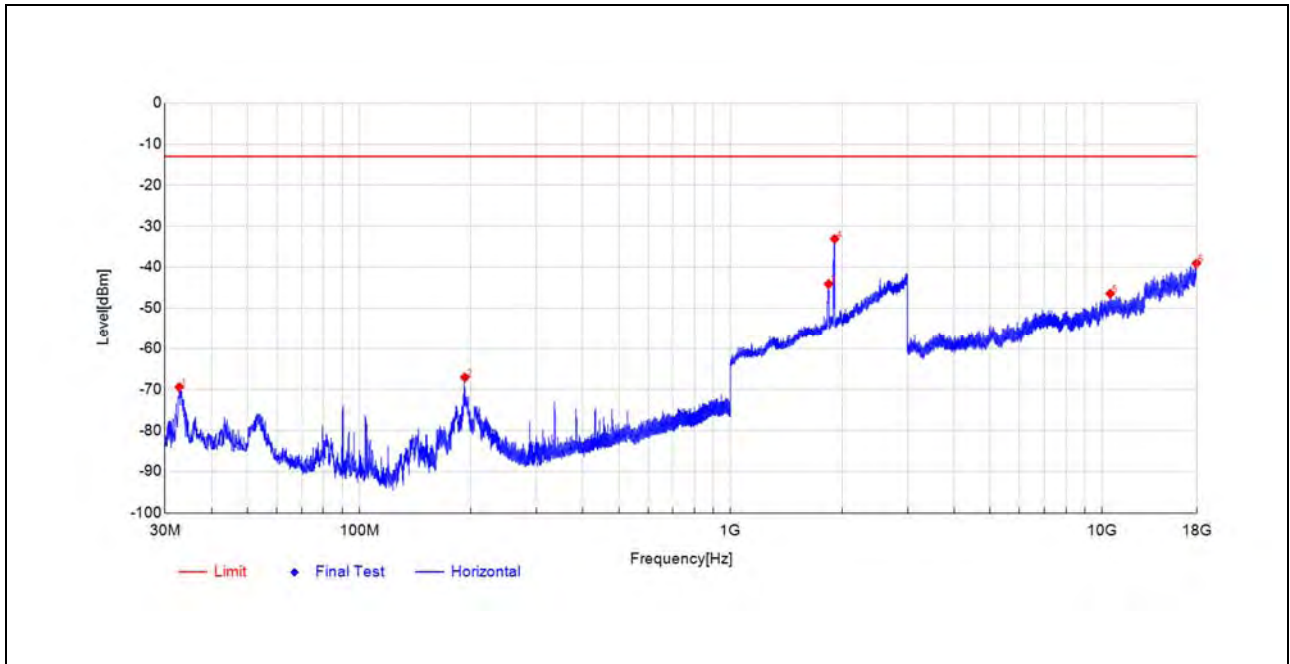


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 192.6771        | -47.98        | -67.08      | -19.1       | -13.0       | 54.1        | Horizontal | PK       | PASS    |
| 1838.5677       | -42.99        | -38.77      | 4.2         | -13.0       | 25.8        | Horizontal | PK       | PASS    |
| 1889.778        | -42.07        | -37.17      | 4.9         | -           | -           | Horizontal | PK       | NA      |
| 1956.5913       | -52.41        | -47.94      | 4.5         | -           | -           | Horizontal | PK       | NA      |
| 11024.782       | -67.58        | -46.85      | 20.7        | -13.0       | 33.9        | Horizontal | PK       | PASS    |
| 17936.716       | -69.28        | -38.94      | 30.3        | -13.0       | 25.9        | Horizontal | PK       | PASS    |

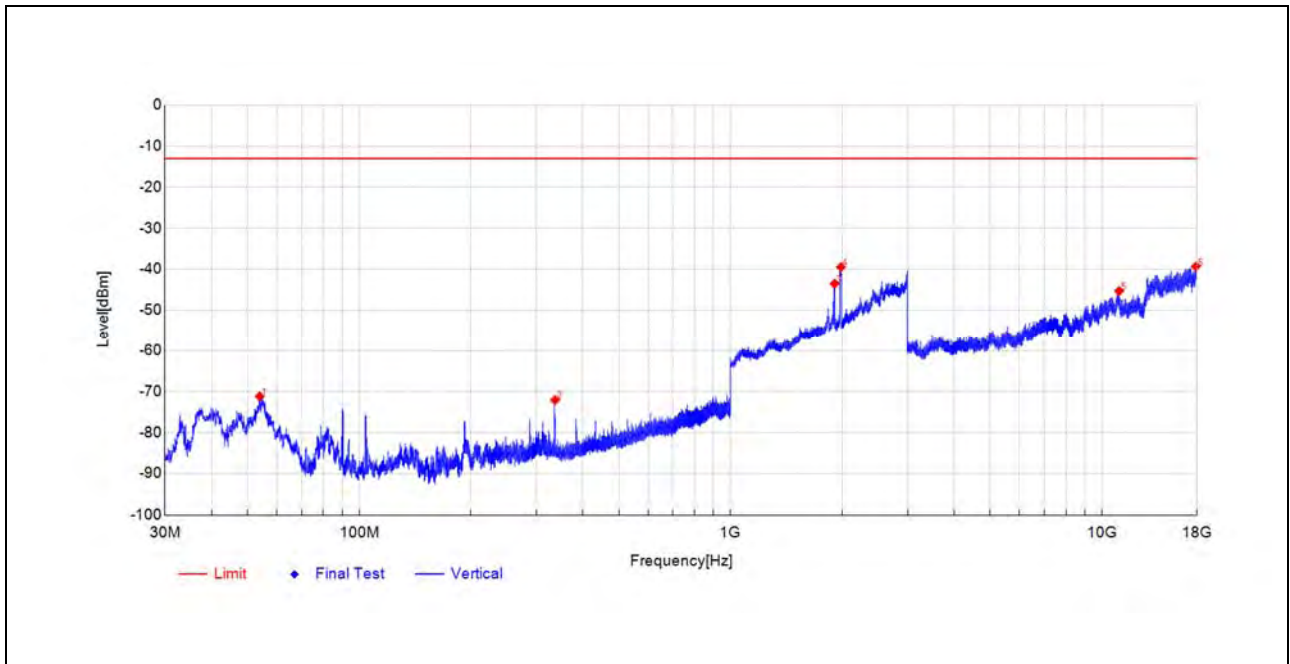


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 53.8147         | -54.08        | -71.43      | -17.4       | -13.0       | 58.4        | Vertical | PK       | PASS    |
| 1839.768        | -50.99        | -46.41      | 4.6         | -13.0       | 33.4        | Vertical | PK       | PASS    |
| 1890.5781       | -52.44        | -47.34      | 5.1         | -           | -           | Vertical | PK       | NA      |
| 1969.794        | -46.40        | -41.89      | 4.5         | -           | -           | Vertical | PK       | NA      |
| 11091.346       | -68.08        | -45.70      | 22.4        | -13.0       | 32.7        | Vertical | PK       | PASS    |
| 17350.761       | -69.63        | -38.87      | 30.8        | -13.0       | 25.9        | Vertical | PK       | PASS    |

### Plot for High Channel



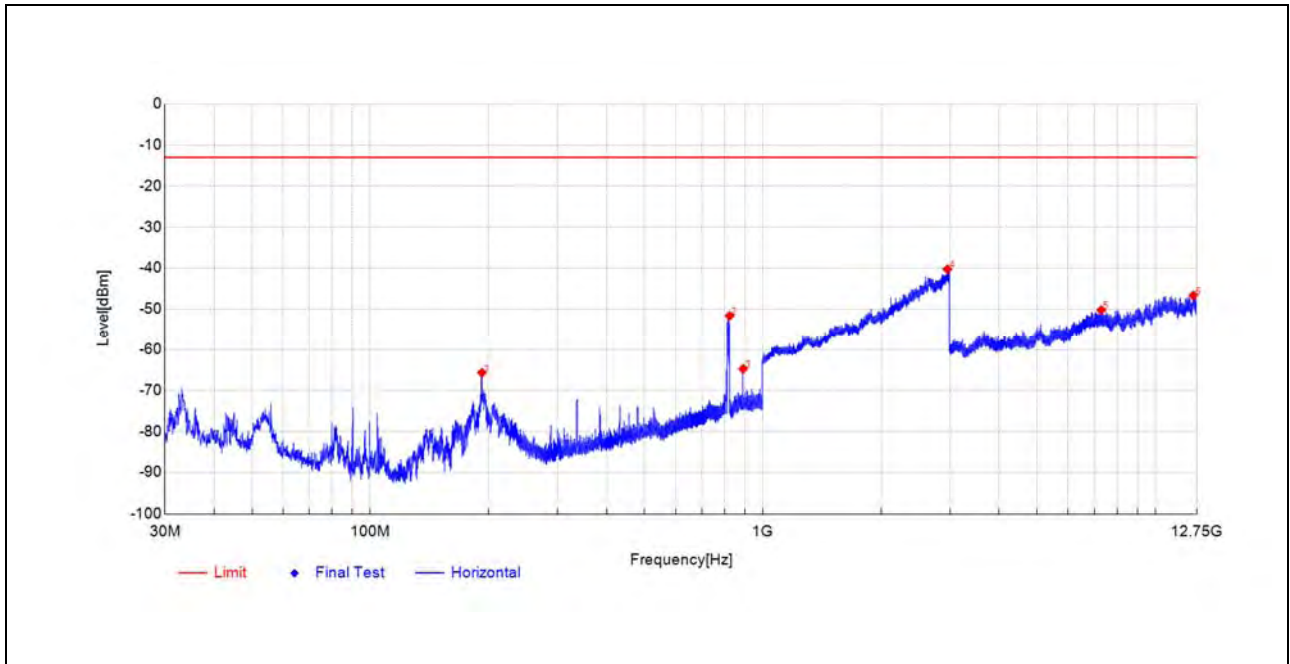
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 32.7646         | -54.22        | -69.44      | -15.2       | -13.0       | 56.4        | Horizontal | PK       | PASS    |
| 192.5316        | -47.98        | -67.10      | -19.1       | -13.0       | 54.1        | Horizontal | PK       | PASS    |
| 1836.5673       | -48.29        | -44.08      | 4.2         | -13.0       | 31.1        | Horizontal | PK       | PASS    |
| 1906.1812       | -37.37        | -33.08      | 4.3         | -           | -           | Horizontal | PK       | NA      |
| 10526.016       | -66.22        | -46.43      | 19.8        | -13.0       | 33.4        | Horizontal | PK       | PASS    |
| 17960.155       | -69.10        | -39.05      | 30.1        | -13.0       | 26.1        | Horizontal | PK       | PASS    |



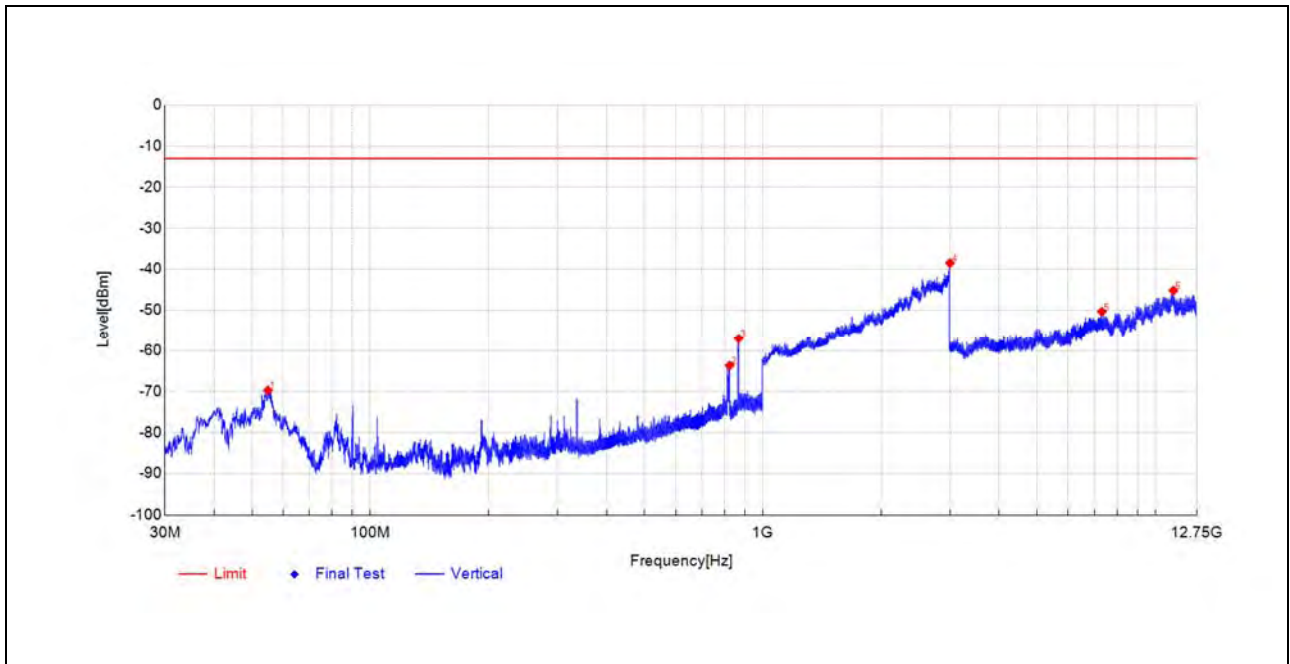
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 53.9602         | -53.89        | -71.20      | -17.3       | -13.0       | 58.2        | Vertical | PK       | PASS    |
| 336.8263        | -56.07        | -72.12      | -16.1       | -13.0       | 59.1        | Vertical | PK       | PASS    |
| 1905.7812       | -48.55        | -43.50      | 5.1         | -           | -           | Vertical | PK       | NA      |
| 1983.3967       | -44.14        | -39.45      | 4.7         | -           | -           | Vertical | PK       | NA      |
| 11124.160       | -67.36        | -45.29      | 22.1        | -13.0       | 32.3        | Vertical | PK       | PASS    |
| 17894.059       | -70.15        | -39.32      | 30.8        | -13.0       | 26.3        | Vertical | PK       | PASS    |

## LTE Band 26

### Plot for Low Channel

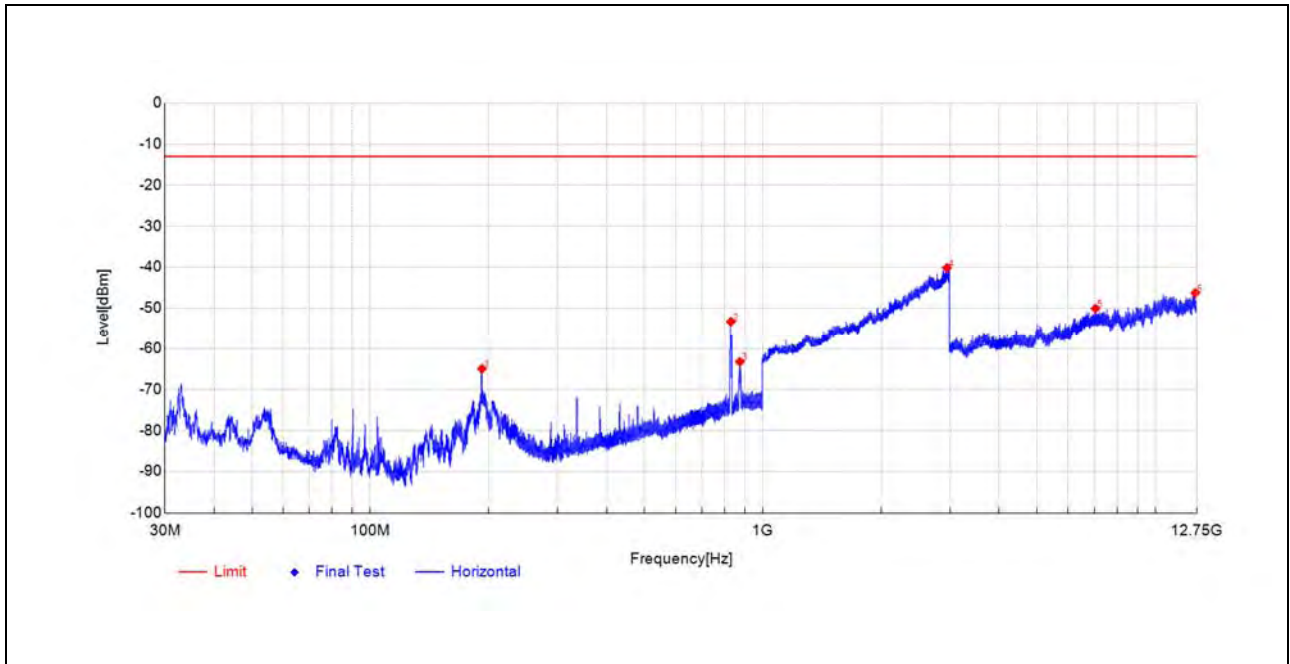


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 192.5316        | -46.82        | -65.71      | -18.9       | -13.0       | 52.7        | Horizontal | PK       | PASS    |
| 822.9661        | -45.80        | -51.62      | -5.8        | -           | -           | Horizontal | PK       | NA      |
| 890.8695        | -60.08        | -64.77      | -4.7        | -13.0       | 51.8        | Horizontal | PK       | PASS    |
| 2953.1906       | -55.31        | -40.24      | 15.1        | -13.0       | 27.2        | Horizontal | PK       | PASS    |
| 7282.4141       | -62.81        | -50.18      | 12.6        | -13.0       | 37.2        | Horizontal | PK       | PASS    |
| 12503.800       | -70.09        | -46.67      | 23.4        | -13.0       | 33.7        | Horizontal | PK       | PASS    |

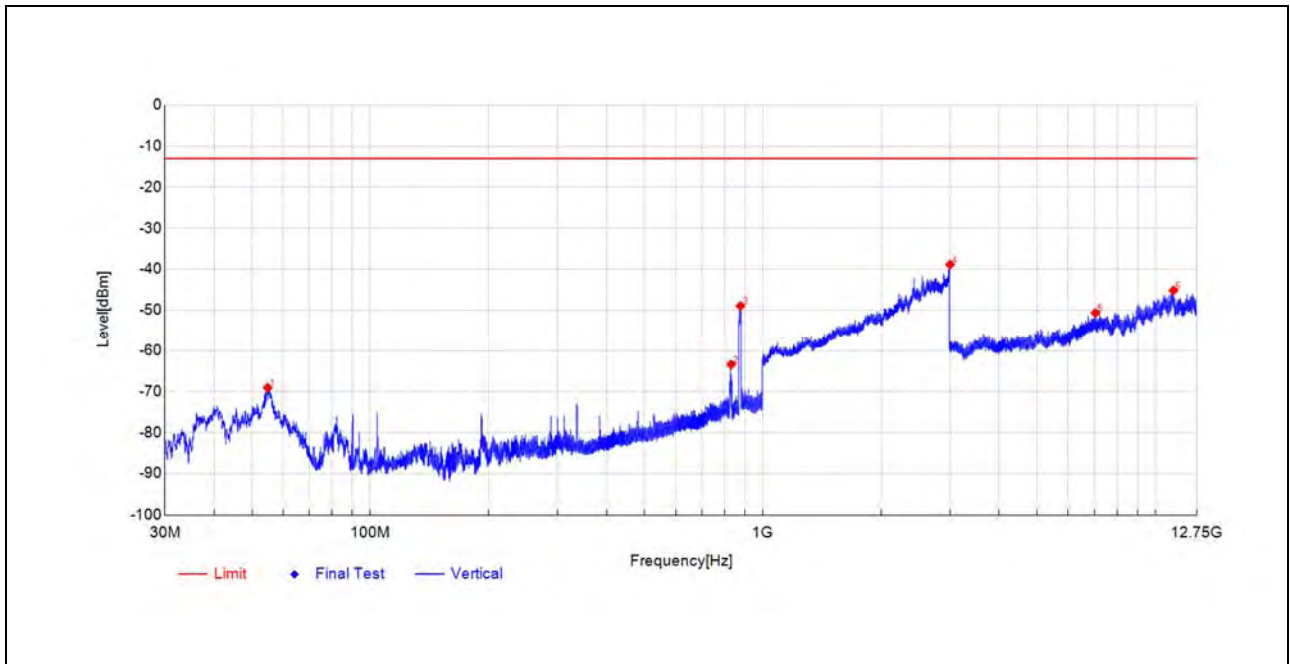


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 54.8817         | -52.81        | -69.73      | -16.9       | -13.0       | 56.7        | Vertical | PK       | PASS    |
| 822.9176        | -57.79        | -63.66      | -5.9        | -           | -           | Vertical | PK       | NA      |
| 868.1219        | -52.08        | -56.99      | -4.9        | -           | -           | Vertical | PK       | NA      |
| 2999.1998       | -55.65        | -38.48      | 17.2        | -13.0       | 25.5        | Vertical | PK       | PASS    |
| 7304.3527       | -62.45        | -50.34      | 12.1        | -13.0       | 37.3        | Vertical | PK       | PASS    |
| 11112.893       | -67.42        | -45.19      | 22.2        | -13.0       | 32.2        | Vertical | PK       | PASS    |

Plot for Mid Channel

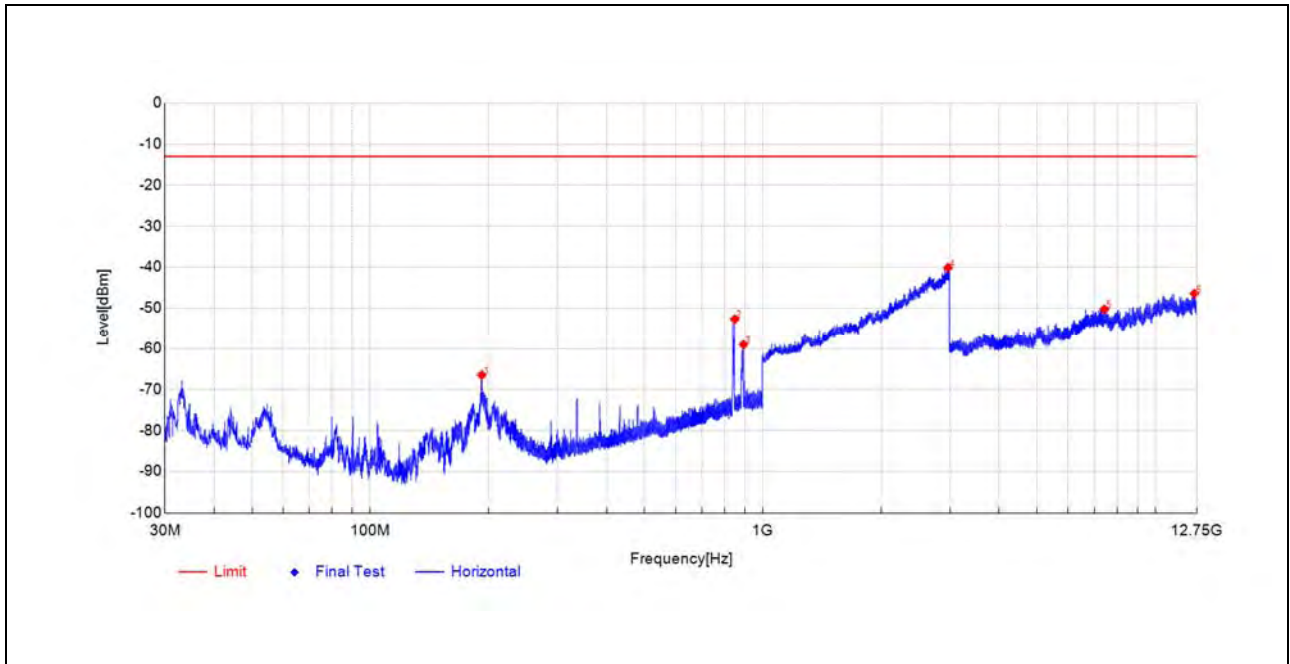


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 192.5316        | -46.09        | -64.98      | -18.9       | -13.0       | 52.0        | Horizontal | PK       | PASS    |
| 829.1745        | -47.57        | -53.29      | -5.7        | -           | -           | Horizontal | PK       | NA      |
| 874.2332        | -58.46        | -63.27      | -4.8        | -           | -           | Horizontal | PK       | NA      |
| 2945.189        | -54.75        | -40.13      | 14.6        | -13.0       | 27.1        | Horizontal | PK       | PASS    |
| 7037.6769       | -61.90        | -50.07      | 11.8        | -13.0       | 37.1        | Horizontal | PK       | PASS    |
| 12643.232       | -69.11        | -46.27      | 22.8        | -13.0       | 33.3        | Horizontal | PK       | PASS    |

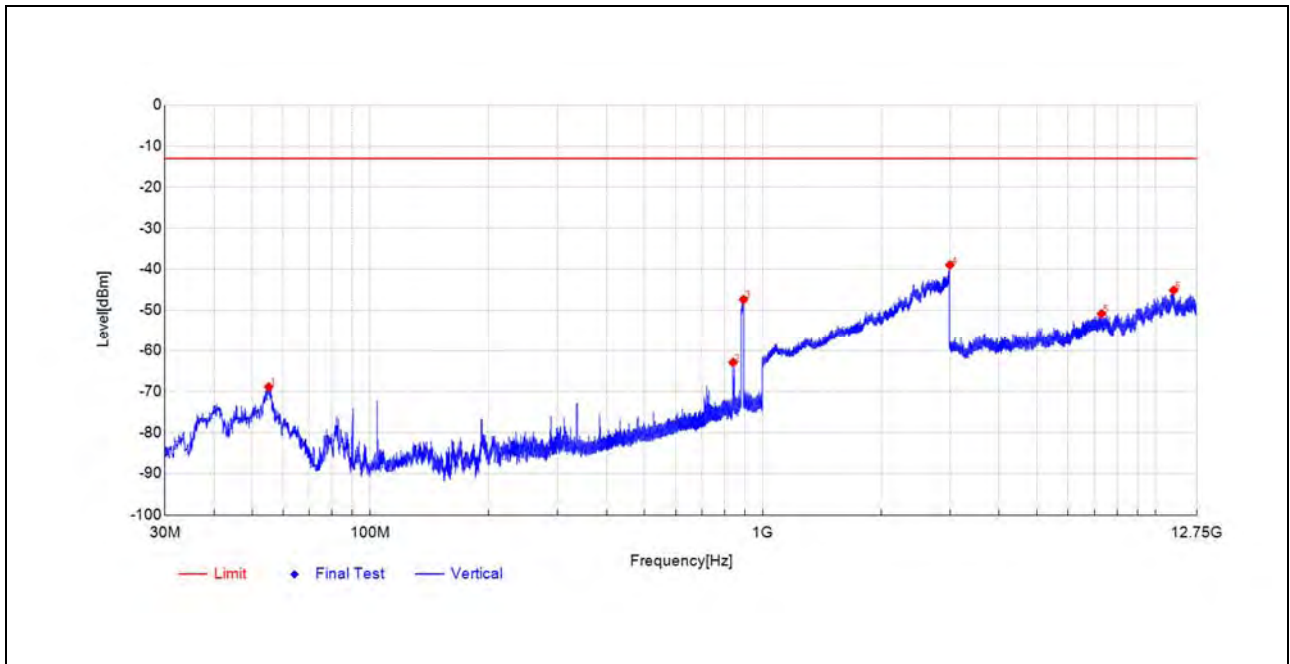


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 54.7847         | -52.15        | -69.10      | -17.0       | -13.0       | 56.1        | Vertical | PK       | PASS    |
| 830.872         | -57.47        | -63.43      | -6.0        | -           | -           | Vertical | PK       | NA      |
| 877.2404        | -44.34        | -48.92      | -4.6        | -           | -           | Vertical | PK       | NA      |
| 3000            | -56.10        | -38.84      | 17.3        | -13.0       | 25.8        | Vertical | PK       | PASS    |
| 7038.6519       | -61.78        | -50.64      | 11.1        | -13.0       | 37.6        | Vertical | PK       | PASS    |
| 11119.231       | -67.27        | -45.14      | 22.1        | -13.0       | 32.1        | Vertical | PK       | PASS    |

### Plot for High Channel



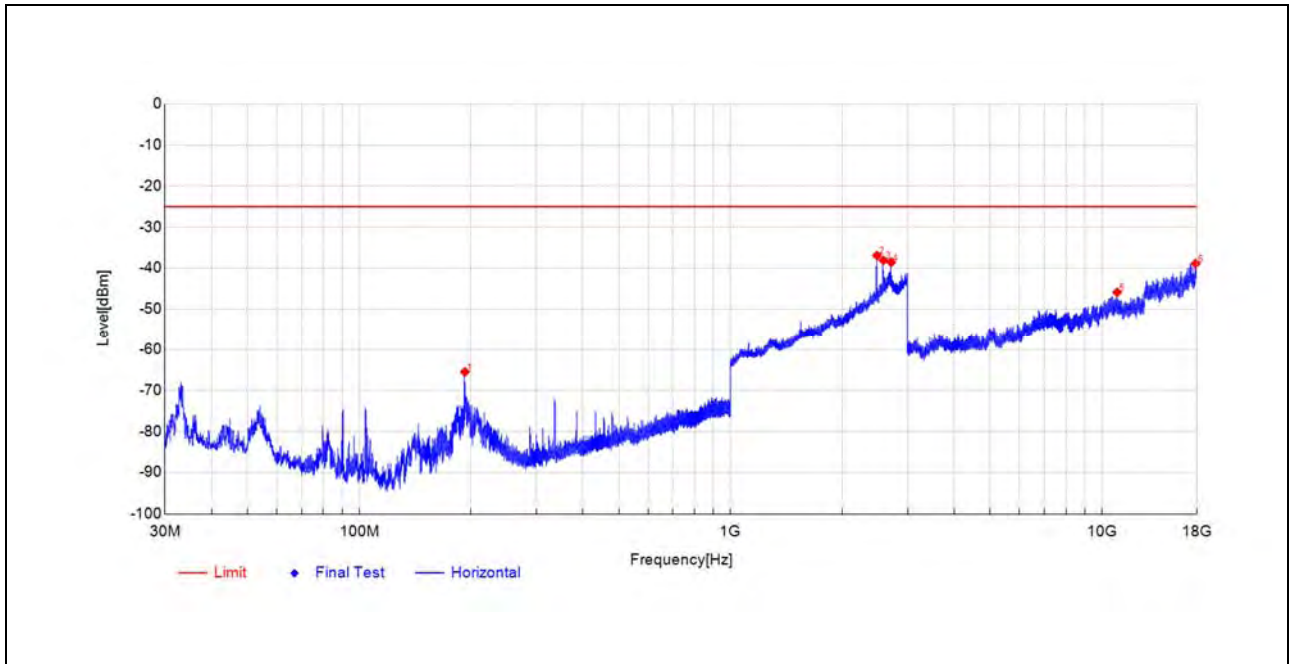
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 192.3861        | -47.58        | -66.49      | -18.9       | -13.0       | 53.5        | Horizontal | PK       | PASS    |
| 848.3329        | -47.46        | -52.66      | -5.2        | -           | -           | Horizontal | PK       | NA      |
| 893.2947        | -54.37        | -59.04      | -4.7        | -           | -           | Horizontal | PK       | NA      |
| 2962.7926       | -55.14        | -40.11      | 15.0        | -13.0       | 27.1        | Horizontal | PK       | PASS    |
| 7414.5332       | -62.75        | -50.26      | 12.5        | -13.0       | 37.3        | Horizontal | PK       | PASS    |
| 12578.391       | -69.68        | -46.41      | 23.3        | -13.0       | 33.4        | Horizontal | PK       | PASS    |



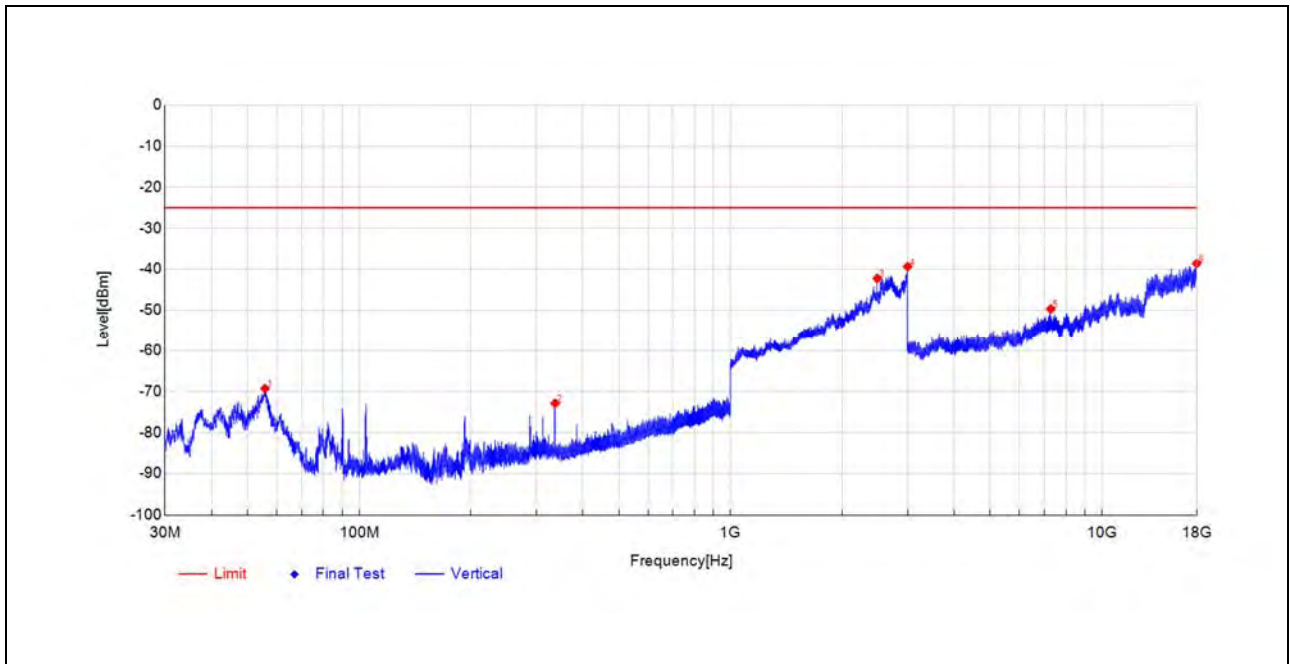
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 55.1243         | -52.00        | -68.90      | -16.9       | -13.0       | 55.9        | Vertical | PK       | PASS    |
| 839.942         | -57.19        | -62.93      | -5.7        | -           | -           | Vertical | PK       | NA      |
| 892.7611        | -42.94        | -47.37      | -4.4        | -           | -           | Vertical | PK       | NA      |
| 2996.7994       | -55.85        | -38.94      | 16.9        | -13.0       | 25.9        | Vertical | PK       | PASS    |
| 7292.6521       | -62.94        | -50.87      | 12.1        | -13.0       | 37.9        | Vertical | PK       | PASS    |
| 11133.369       | -67.05        | -45.11      | 21.9        | -13.0       | 32.1        | Vertical | PK       | PASS    |

**LTE Band 38**

## Plot for Low Channel

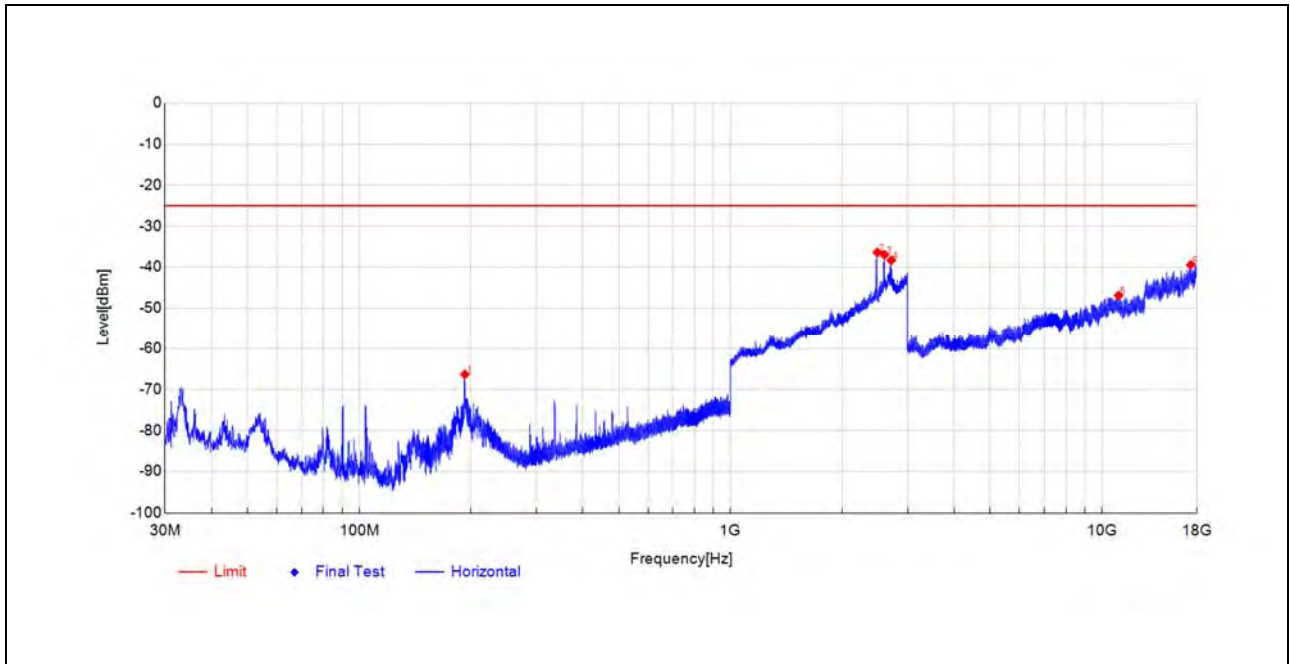


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 192.6771        | -46.47        | -65.51      | -19.0       | -25.0       | 40.5        | Horizontal | PK       | PASS    |
| 2479.4959       | -46.95        | -36.90      | 10.1        | -25.0       | 11.9        | Horizontal | PK       | PASS    |
| 2579.5159       | -49.91        | -38.08      | 11.8        | -           | -           | Horizontal | PK       | NA      |
| 2707.5415       | -51.94        | -38.56      | 13.4        | -25.0       | 13.6        | Horizontal | PK       | PASS    |
| 10988.687       | -66.85        | -45.88      | 21.0        | -25.0       | 20.9        | Horizontal | PK       | PASS    |
| 17886.090       | -69.53        | -38.84      | 30.7        | -25.0       | 13.8        | Horizontal | PK       | PASS    |

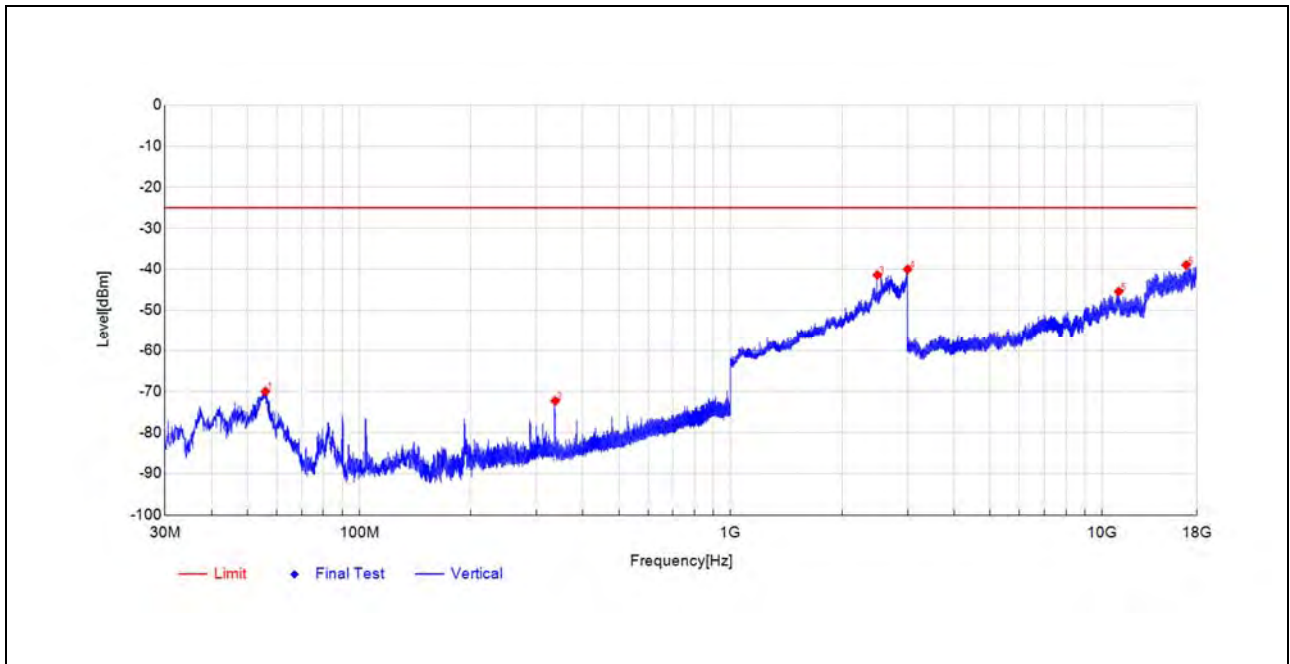


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 55.7548         | -52.18        | -69.29      | -17.1       | -25.0       | 44.3        | Vertical | PK       | PASS    |
| 337.1174        | -56.89        | -72.90      | -16.0       | -25.0       | 47.9        | Vertical | PK       | PASS    |
| 2484.6969       | -52.35        | -42.21      | 10.1        | -25.0       | 17.2        | Vertical | PK       | PASS    |
| 2997.9996       | -55.50        | -39.35      | 16.2        | -25.0       | 14.4        | Vertical | PK       | PASS    |
| 7279.8212       | -61.65        | -49.68      | 12.0        | -25.0       | 24.7        | Vertical | PK       | PASS    |
| 17994.843       | -68.43        | -38.61      | 29.8        | -25.0       | 13.6        | Vertical | PK       | PASS    |

Plot for Mid Channel

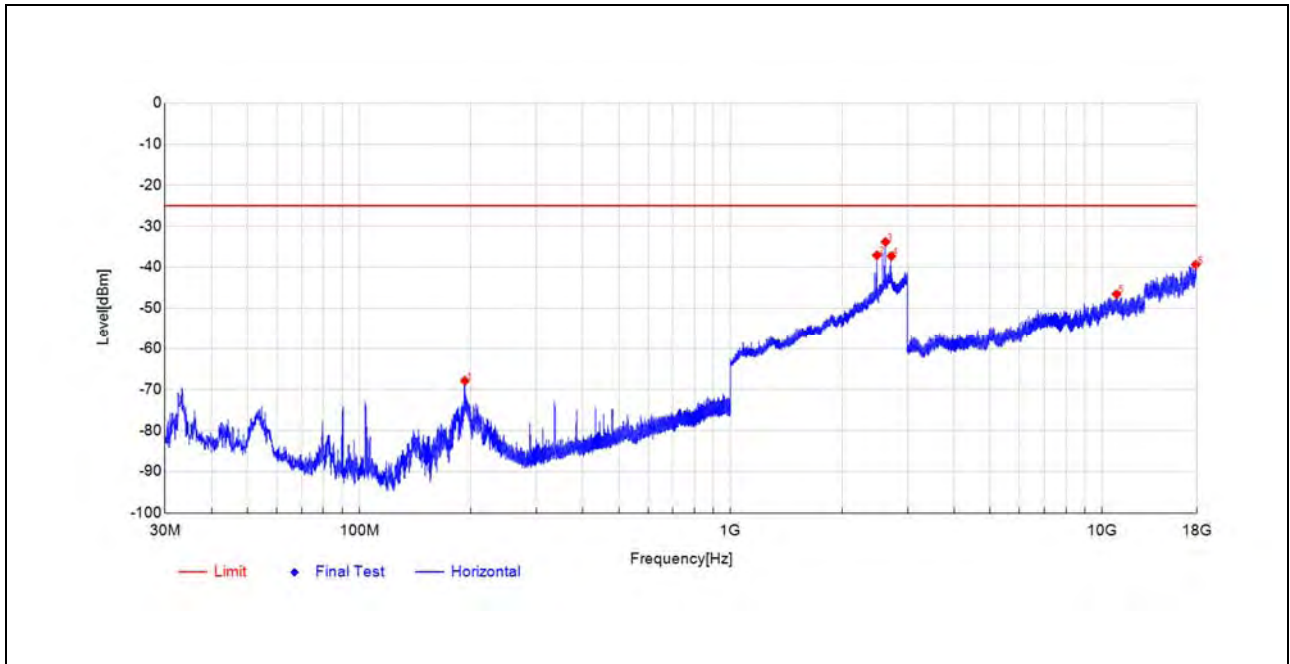


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 192.6286        | -47.31        | -66.35      | -19.0       | -25.0       | 41.4        | Horizontal | PK       | PASS    |
| 2484.2969       | -46.35        | -36.35      | 10.0        | -25.0       | 11.4        | Horizontal | PK       | PASS    |
| 2597.5195       | -49.45        | -36.95      | 12.5        | -           | -           | Horizontal | PK       | NA      |
| 2708.7417       | -51.66        | -38.31      | 13.4        | -25.0       | 13.3        | Horizontal | PK       | PASS    |
| 11087.596       | -67.00        | -46.88      | 20.1        | -25.0       | 21.9        | Horizontal | PK       | PASS    |
| 17337.635       | -69.71        | -39.42      | 30.3        | -25.0       | 14.4        | Horizontal | PK       | PASS    |

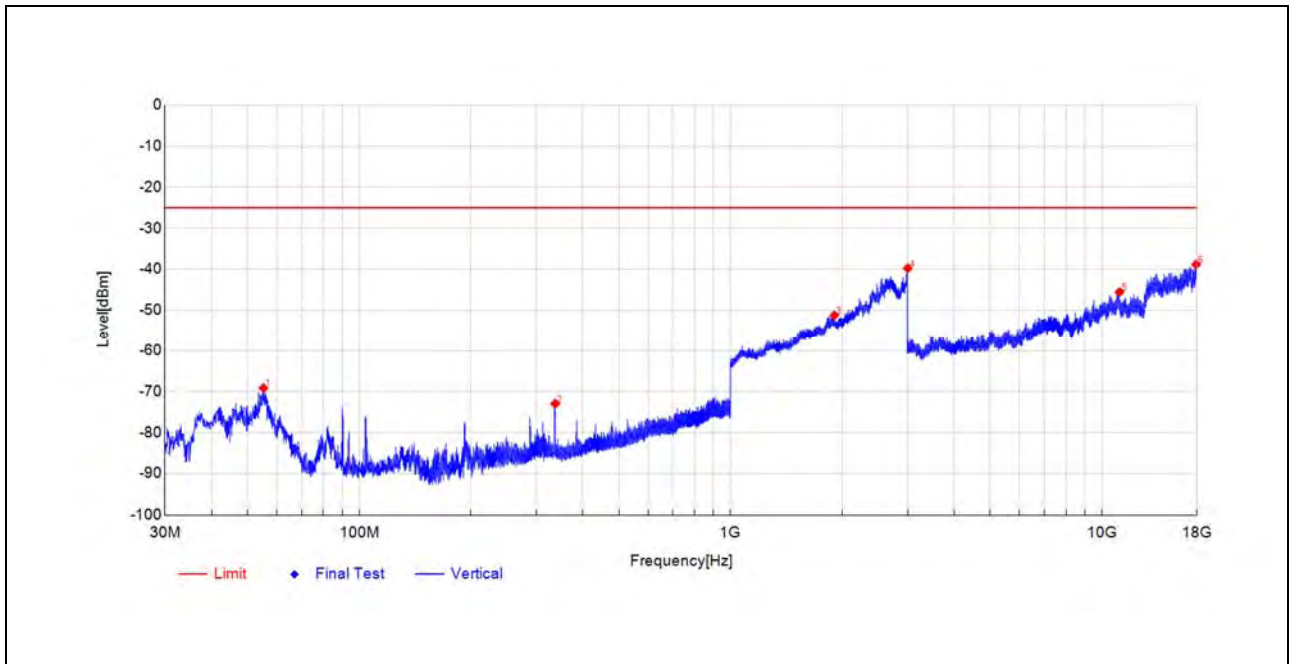


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 55.9003         | -52.88        | -70.01      | -17.1       | -25.0       | 45.0        | Vertical | PK       | PASS    |
| 337.1174        | -56.30        | -72.31      | -16.0       | -25.0       | 47.3        | Vertical | PK       | PASS    |
| 2485.8972       | -51.51        | -41.39      | 10.1        | -25.0       | 16.4        | Vertical | PK       | PASS    |
| 2998.7998       | -56.23        | -39.98      | 16.3        | -25.0       | 15.0        | Vertical | PK       | PASS    |
| 11099.784       | -67.83        | -45.42      | 22.4        | -25.0       | 20.4        | Vertical | PK       | PASS    |
| 16854.339       | -70.41        | -38.94      | 31.5        | -25.0       | 13.9        | Vertical | PK       | PASS    |

### Plot for High Channel



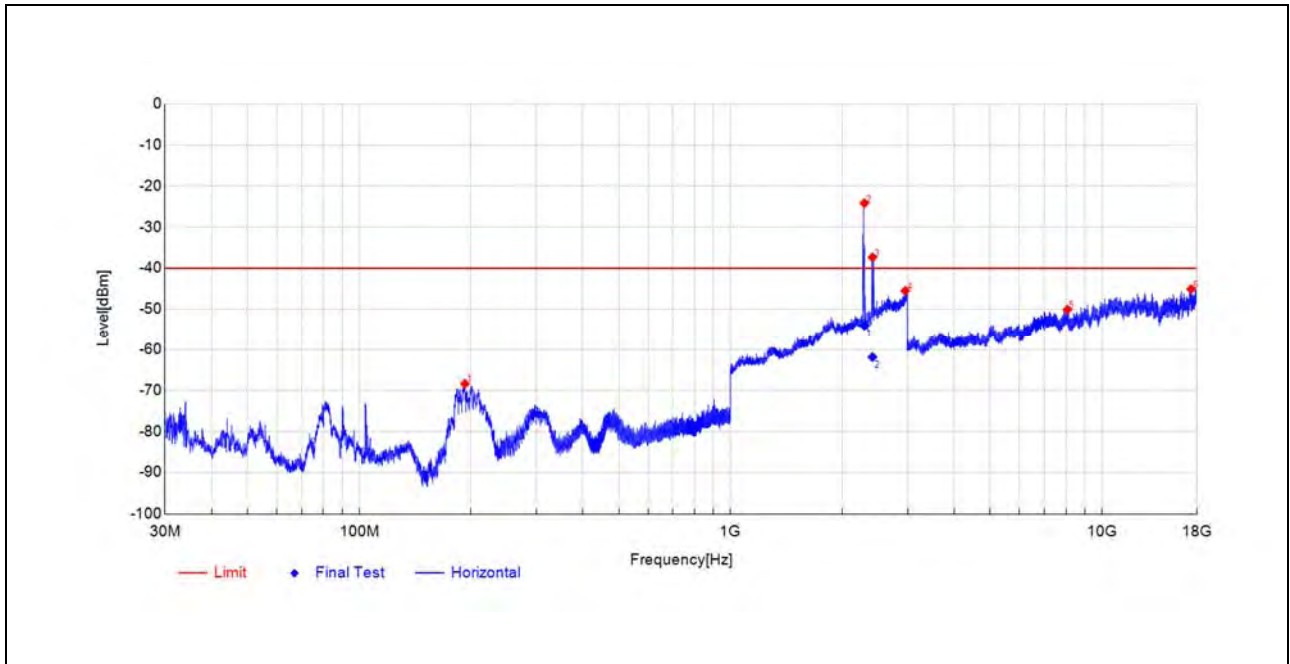
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 192.5801        | -48.84        | -67.89      | -19.1       | -25.0       | 42.9        | Horizontal | PK       | PASS    |
| 2478.2957       | -47.13        | -37.09      | 10.0        | -25.0       | 12.1        | Horizontal | PK       | PASS    |
| 2613.5227       | -46.39        | -33.82      | 12.6        | -           | -           | Horizontal | PK       | NA      |
| 2709.942        | -50.58        | -37.28      | 13.3        | -25.0       | 12.3        | Horizontal | PK       | PASS    |
| 10947.904       | -67.53        | -46.56      | 21.0        | -25.0       | 21.6        | Horizontal | PK       | PASS    |
| 17892.184       | -70.09        | -39.35      | 30.7        | -25.0       | 14.4        | Horizontal | PK       | PASS    |



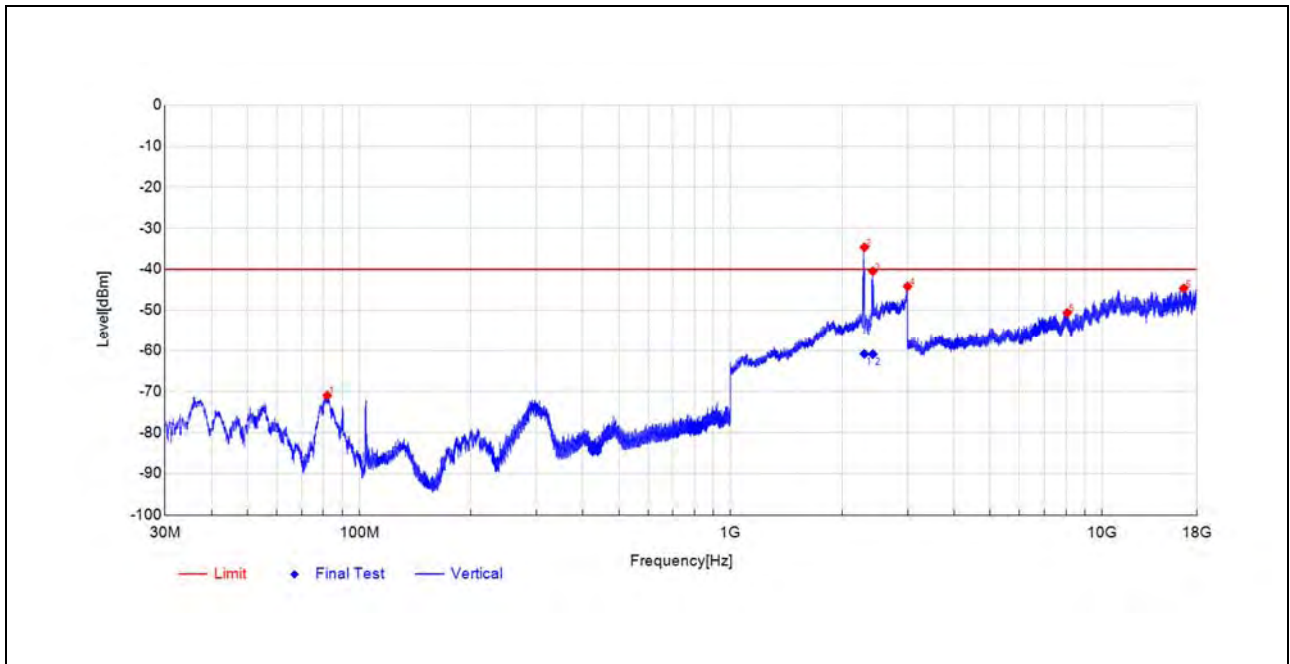
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 55.2213         | -52.22        | -69.19      | -17.0       | -25.0       | 44.2        | Vertical | PK       | PASS    |
| 337.0204        | -56.97        | -72.98      | -16.0       | -25.0       | 48.0        | Vertical | PK       | PASS    |
| 1902.9806       | -56.13        | -51.22      | 4.9         | -25.0       | 26.2        | Vertical | PK       | PASS    |
| 3000            | -56.15        | -39.76      | 16.4        | -25.0       | 14.8        | Vertical | PK       | PASS    |
| 11158.379       | -67.14        | -45.55      | 21.6        | -25.0       | 20.6        | Vertical | PK       | PASS    |
| 17933.904       | -69.35        | -38.83      | 30.5        | -25.0       | 13.8        | Vertical | PK       | PASS    |

**LTE Band 40 Block A**

## Plot for Low Channel

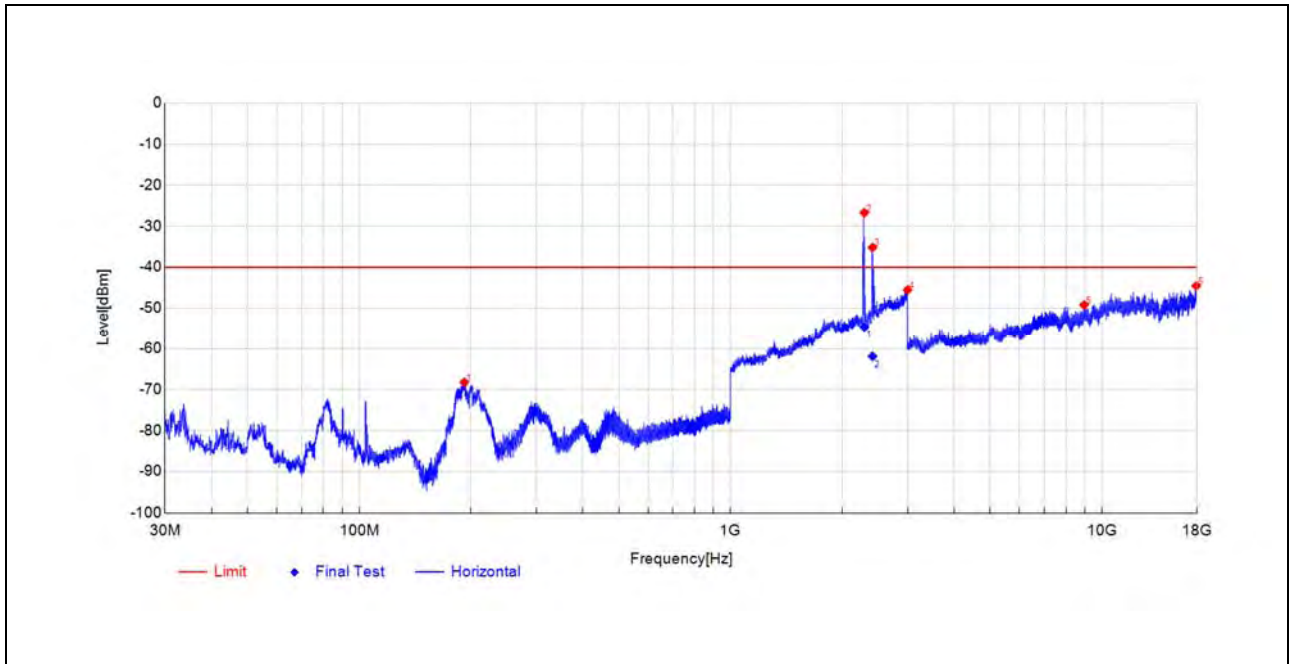


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 192.5801        | -49.35        | -68.43      | -19.1       | -40.0       | 28.4        | Horizontal | PK       | PASS    |
| 2291.4583       | -31.99        | -24.17      | 7.8         | -40.0       | -15.8       | Horizontal | PK       | NA      |
| 2291.4583       | -61.87        | -54.05      | 7.8         | -40.00      | 14.05       | Horizontal | AV       | PASS    |
| 2410.6821       | -46.07        | -37.34      | 8.7         | -40.0       | -2.7        | Horizontal | PK       | NA      |
| 2410.6821       | -70.61        | -61.88      | 8.7         | -40.00      | 21.88       | Horizontal | AV       | PASS    |
| 2953.9908       | -59.37        | -45.49      | 13.9        | -40.0       | 5.5         | Horizontal | PK       | PASS    |
| 8075.5865       | -63.60        | -50.09      | 13.5        | -40.0       | 10.1        | Horizontal | PK       | PASS    |
| 17384.974       | -69.78        | -45.09      | 24.7        | -40.0       | 5.1         | Horizontal | PK       | PASS    |

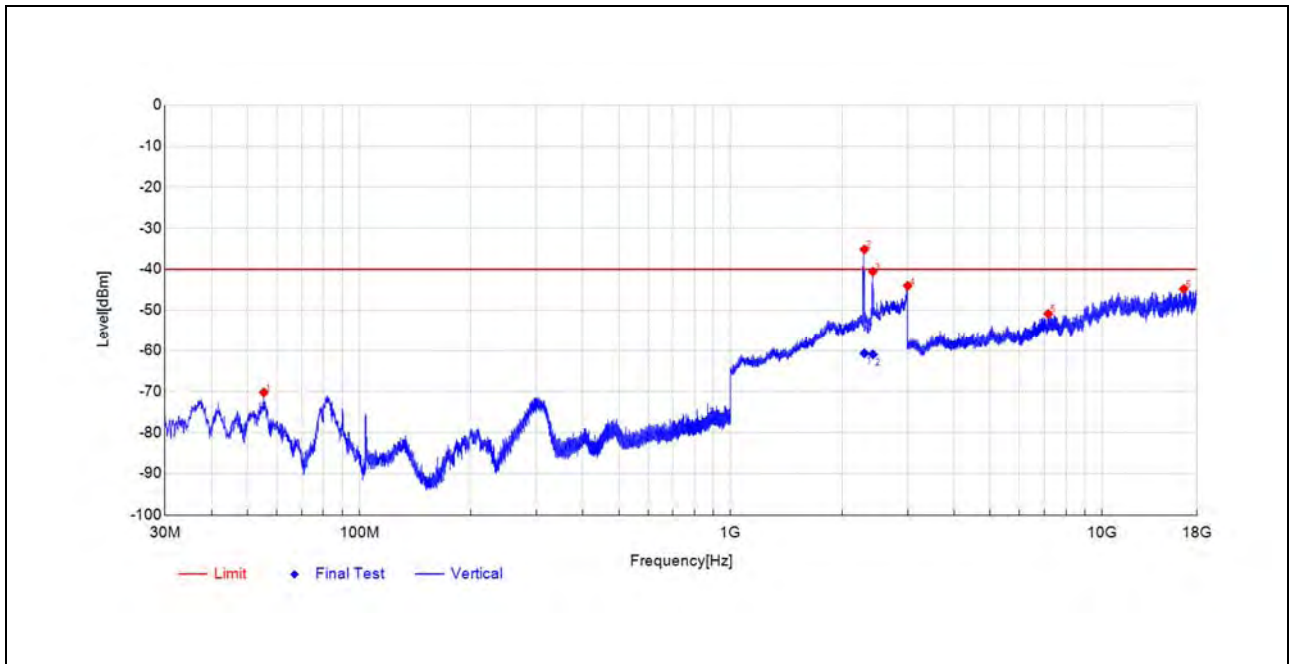


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 81.9946         | -47.96        | -70.98      | -23.0       | -40.0       | 31.0        | Vertical | PK       | PASS    |
| 2292.6585       | -41.74        | -34.64      | 7.1         | -40.0       | -5.4        | Vertical | PK       | NA      |
| 2292.6585       | -67.94        | -60.84      | 7.1         | -40.00      | 20.84       | Vertical | AV       | PASS    |
| 2415.8832       | -50.12        | -40.48      | 9.6         | -40.0       | 0.5         | Vertical | PK       | NA      |
| 2415.8832       | -70.55        | -60.91      | 9.6         | -40.00      | 20.91       | Vertical | AV       | PASS    |
| 2997.5995       | -60.31        | -44.16      | 16.2        | -40.0       | 4.2         | Vertical | PK       | PASS    |
| 8063.086        | -63.59        | -50.60      | 13.0        | -40.0       | 10.6        | Vertical | PK       | PASS    |
| 16598.941       | -70.58        | -44.64      | 25.9        | -40.0       | 4.6         | Vertical | PK       | PASS    |

### Plot for Mid Channel

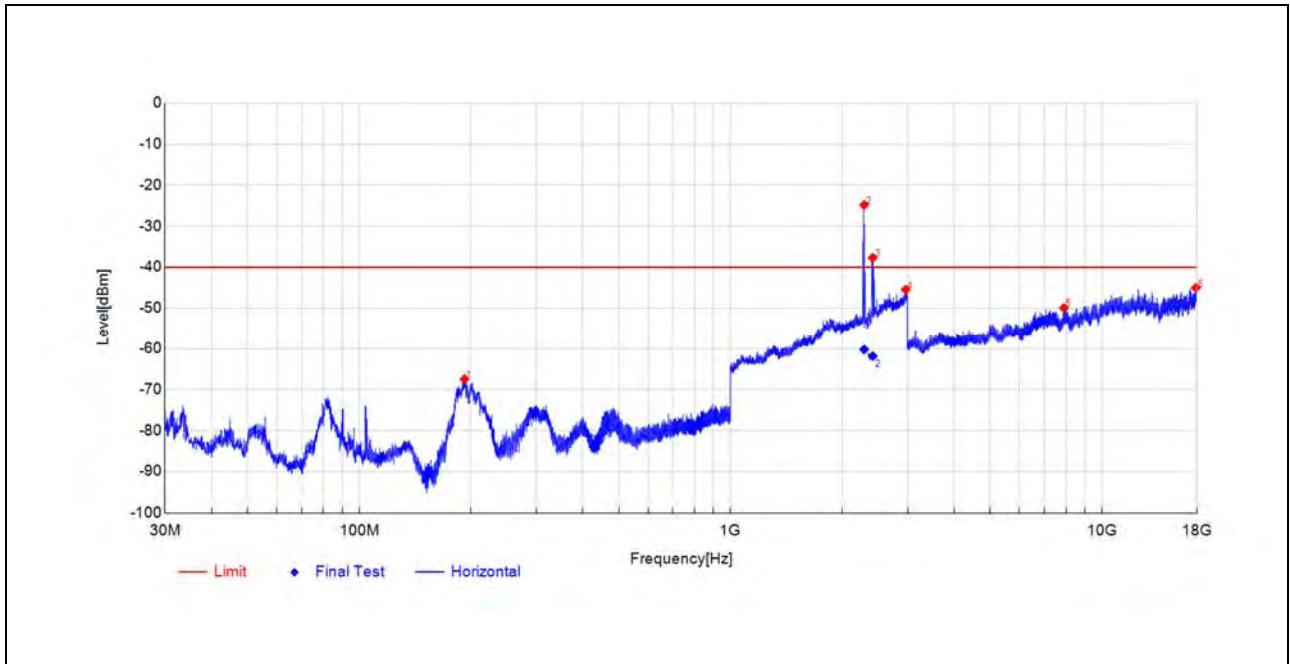


| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 191.8526        | -49.09        | -68.30      | -19.2       | -40.0       | 28.3        | Horizontal | PK       | PASS    |
| 2291.4583       | -34.54        | -26.72      | 7.8         | -40.0       | -13.3       | Horizontal | PK       | NA      |
| 2291.4583       | -62.41        | -54.59      | 7.8         | -40.00      | 14.59       | Horizontal | AV       | PASS    |
| 2411.4823       | -43.89        | -35.16      | 8.7         | -40.0       | -4.8        | Horizontal | PK       | NA      |
| 2411.4823       | -70.66        | -61.93      | 8.7         | -40.00      | 21.93       | Horizontal | AV       | PASS    |
| 2996.3993       | -59.63        | -45.52      | 14.1        | -40.0       | 5.5         | Horizontal | PK       | PASS    |
| 8956.6232       | -64.23        | -49.18      | 15.1        | -40.0       | 9.2         | Horizontal | PK       | PASS    |
| 17947.997       | -68.71        | -44.55      | 24.2        | -40.0       | 4.6         | Horizontal | PK       | PASS    |



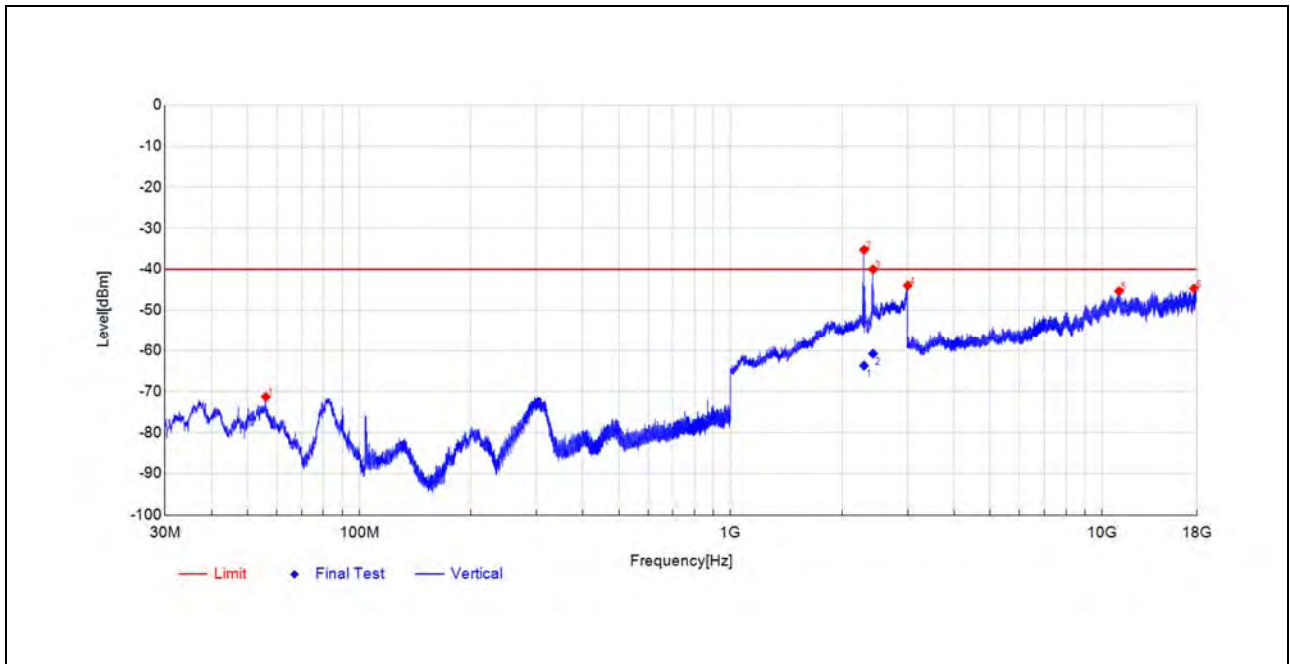
| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 55.3668         | -53.24        | -70.26      | -17.0       | -40.0       | 30.3        | Vertical | PK       | PASS    |
| 2292.6585       | -42.24        | -35.14      | 7.1         | -40.0       | -4.9        | Vertical | PK       | NA      |
| 2292.6585       | -67.78        | -60.68      | 7.1         | -40.00      | 20.68       | Vertical | AV       | PASS    |
| 2416.6833       | -50.27        | -40.57      | 9.7         | -40.0       | 0.6         | Vertical | PK       | NA      |
| 2416.6833       | -70.66        | -60.96      | 9.7         | -40.00      | 20.96       | Vertical | AV       | PASS    |
| 2998.7998       | -60.32        | -44.03      | 16.3        | -40.0       | 4.0         | Vertical | PK       | PASS    |
| 7167.0486       | -62.00        | -50.88      | 11.1        | -40.0       | 10.9        | Vertical | PK       | PASS    |
| 16601.441       | -70.74        | -44.80      | 25.9        | -40.0       | 4.8         | Vertical | PK       | PASS    |

### Plot for High Channel



| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 192.1436        | -48.35        | -67.50      | -19.2       | -40.0       | 27.5        | Horizontal | PK       | PASS    |
| 2289.858        | -32.59        | -24.82      | 7.8         | -40.0       | -15.2       | Horizontal | PK       | NA      |
| 2289.858        | -68.01        | -60.24      | 7.8         | -40.00      | 20.24       | Horizontal | AV       | PASS    |
| 2414.6829       | -46.42        | -37.67      | 8.8         | -40.0       | -2.3        | Horizontal | PK       | NA      |
| 2414.6829       | -70.63        | -61.88      | 8.8         | -40.00      | 21.88       | Horizontal | AV       | PASS    |
| 2963.5927       | -59.27        | -45.44      | 13.8        | -40.0       | 5.4         | Horizontal | PK       | PASS    |
| 7904.5794       | -62.90        | -49.92      | 13.0        | -40.0       | 9.9         | Horizontal | PK       | PASS    |
| 17905.496       | -69.47        | -45.01      | 24.5        | -40.0       | 5.0         | Horizontal | PK       | PASS    |

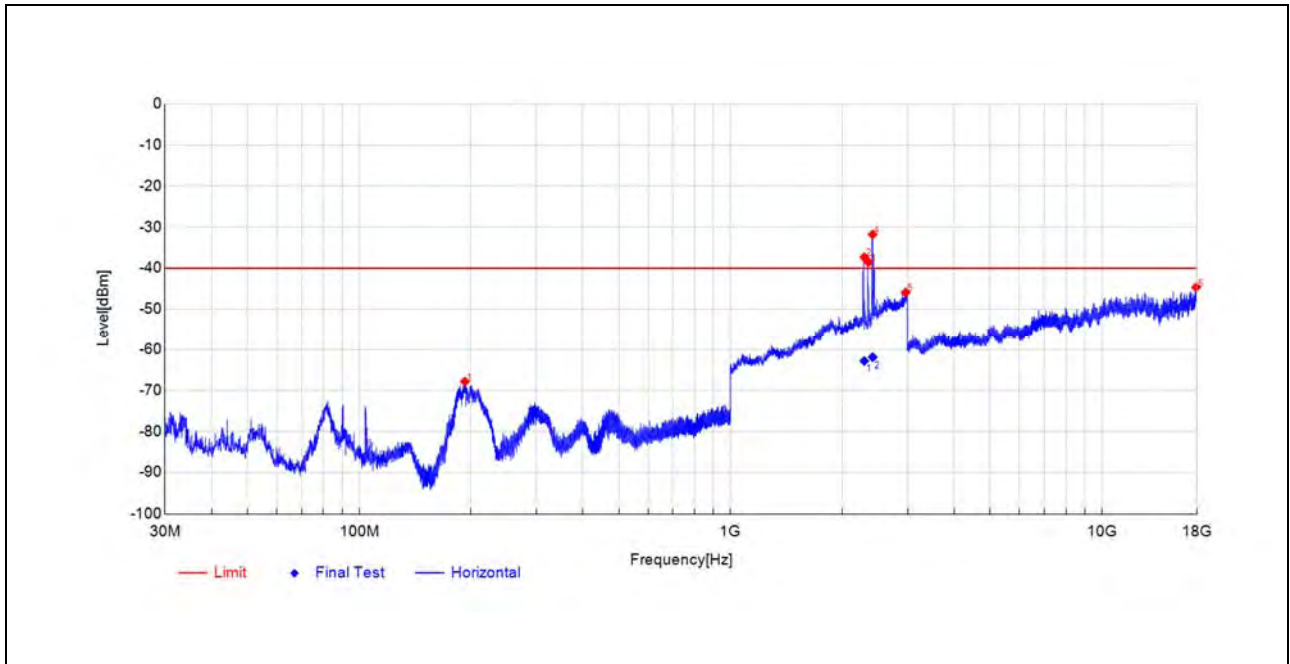




| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|---------|
| 56.0458         | -54.13        | -71.32      | -17.2       | -40.0       | 31.3        | Vertical | PK       | PASS    |
| 2287.8576       | -42.16        | -35.25      | 6.9         | -40.0       | -4.8        | Vertical | PK       | NA      |
| 2287.8576       | -70.62        | -63.71      | 6.9         | -40.00      | 23.71       | Vertical | AV       | PASS    |
| 2419.4839       | -49.89        | -40.02      | 9.9         | -40.0       | 0.0         | Vertical | PK       | NA      |
| 2419.4839       | -70.66        | -60.79      | 9.9         | -40.00      | 20.79       | Vertical | AV       | PASS    |
| 3000            | -60.39        | -43.95      | 16.4        | -40.0       | 4.0         | Vertical | PK       | PASS    |
| 11119.213       | -67.19        | -45.34      | 21.9        | -40.0       | 5.3         | Vertical | PK       | PASS    |
| 17705.487       | -70.85        | -44.69      | 26.2        | -40.0       | 4.7         | Vertical | PK       | PASS    |

**LTE Band 40 Block B**

Plot for Low Channel



| Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Verdict |
|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|---------|
| 192.6286        | -48.80        | -67.86      | -19.1       | -40.0       | 27.9        | Horizontal | PK       | PASS    |
| 2291.4583       | -45.14        | -37.32      | 7.8         | -40.0       | -2.7        | Horizontal | PK       | NA      |
| 2291.4583       | -70.66        | -62.84      | 7.8         | -40.00      | 22.84       | Horizontal | AV       | PASS    |
| 2351.8704       | -46.63        | -38.53      | 8.1         | -           | -           | Horizontal | PK       | NA      |
| 2413.4827       | -40.54        | -31.79      | 8.8         | -40.0       | -8.2        | Horizontal | PK       | NA      |
| 2413.4827       | -70.65        | -61.90      | 8.8         | -40.00      | 21.90       | Horizontal | AV       | PASS    |
| 2961.1922       | -59.77        | -45.91      | 13.9        | -40.0       | 5.9         | Horizontal | PK       | PASS    |
| 17935.497       | -68.90        | -44.65      | 24.3        | -40.0       | 4.7         | Horizontal | PK       | PASS    |