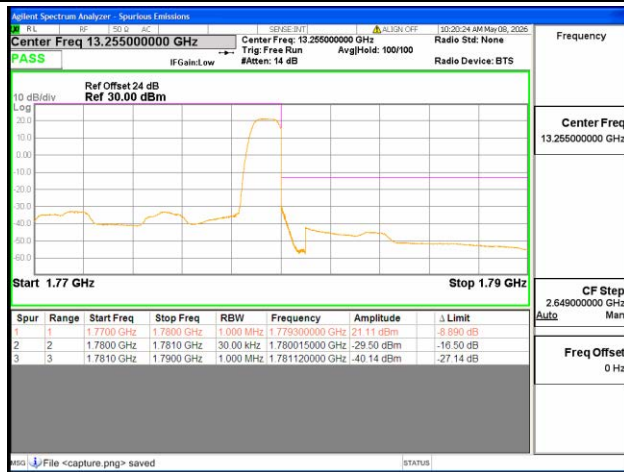




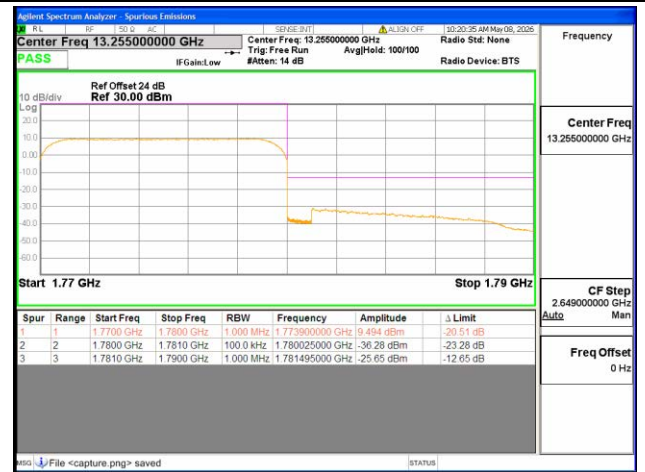
B66 / 10MHz / Low CH / QPSK / 1 RB



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



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



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



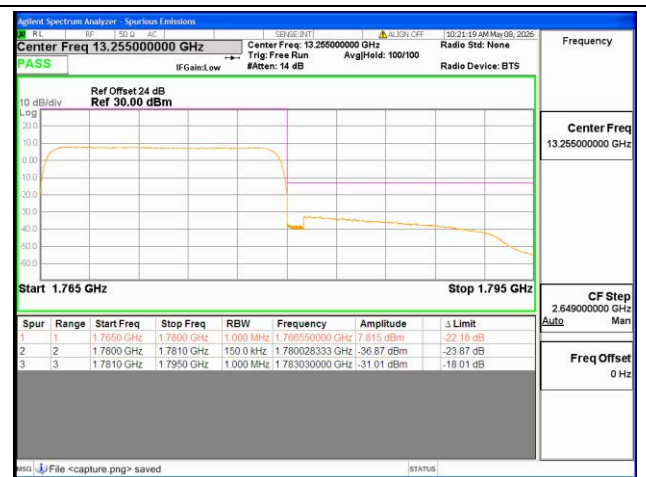
B66 / 15MHz / Low CH / QPSK / 1 RB



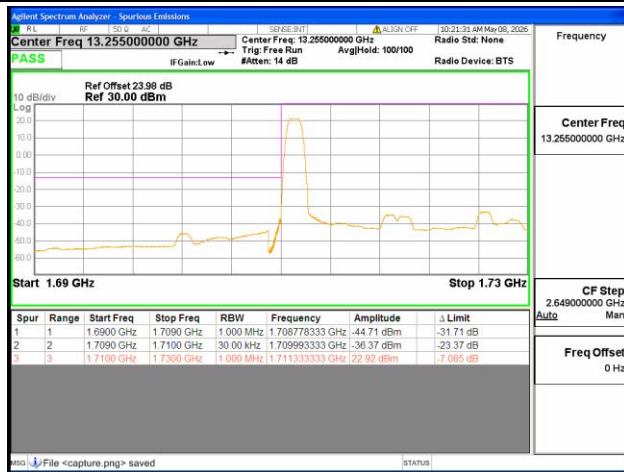
B66 / 15MHz / Low CH / QPSK / FULL RB



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



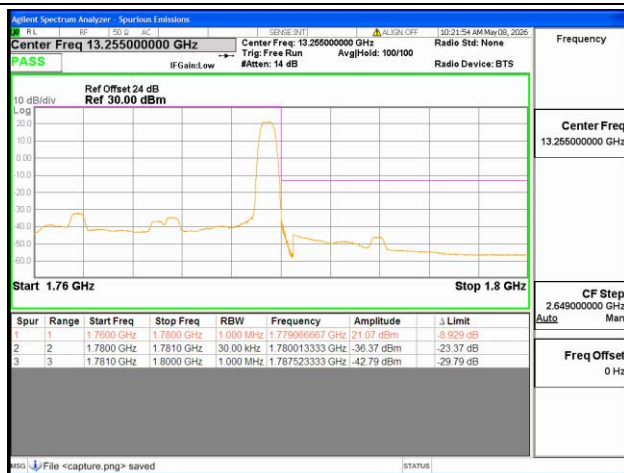
B66 / 15MHz / High CH / QPSK / FULL RB



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

## 2.7. Radiated Spurious Emissions

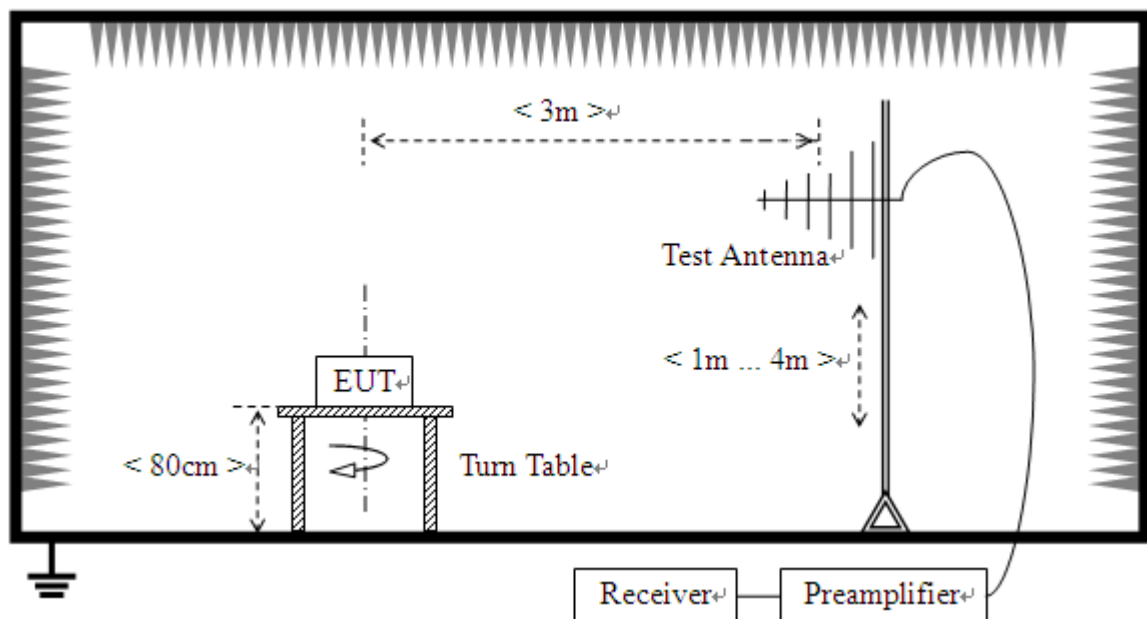
### 2.7.1. Requirement

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  $43 + 10 \cdot \log(P)$  dB. This calculated to be -13dBm.

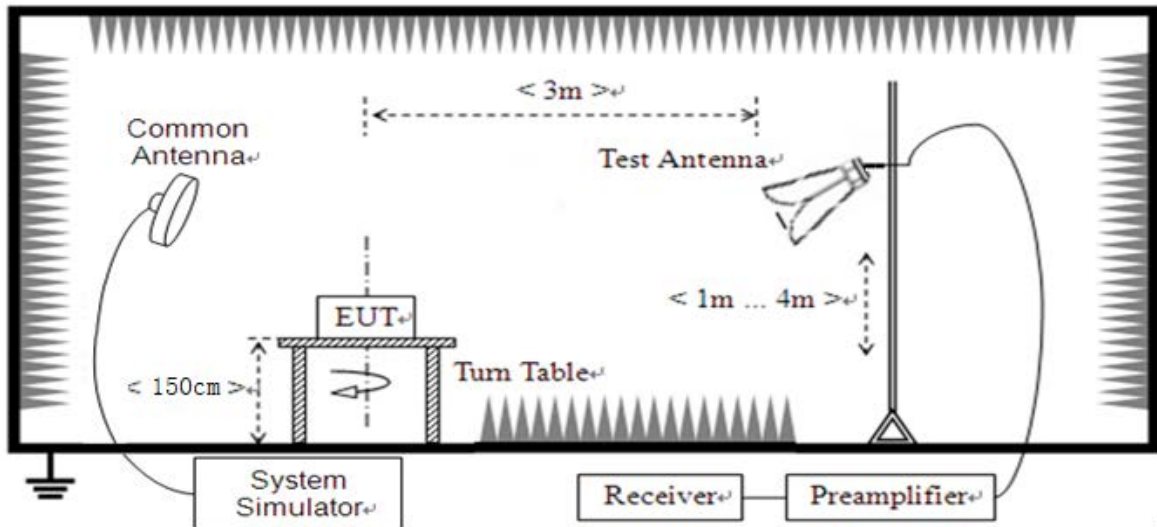
Additional requirement for LTE Band 30

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  $A_{\text{TOT}}$ .

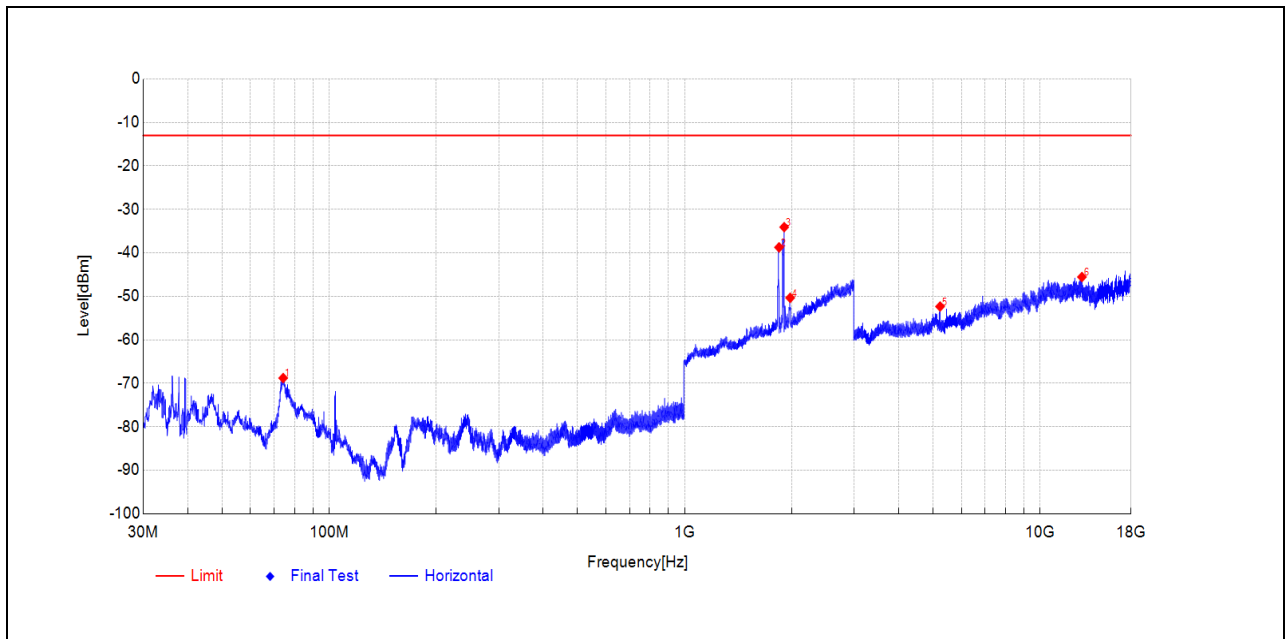
**Note1:** The power of the EUT transmitting frequency should be ignored.

**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.

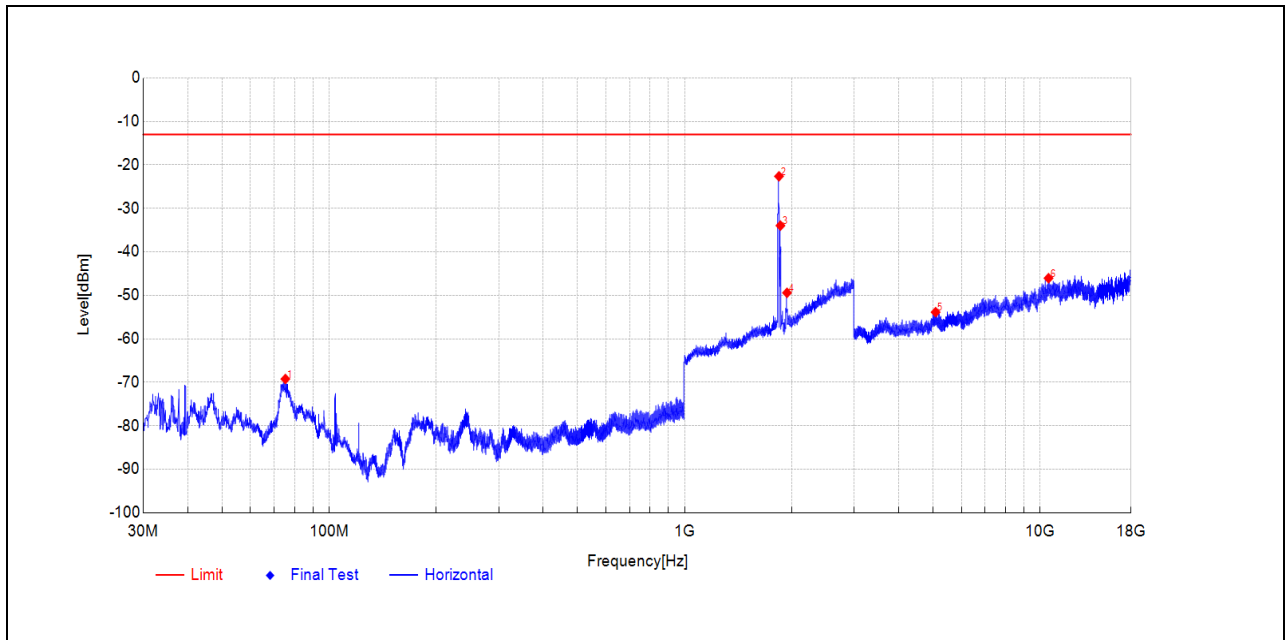
**Note4:** N/A means the frequency is the basic frequency or the base station frequency, they are no need to verdict.

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



| Data List |                 |               |             |             |             |             |            |          |           |         |
|-----------|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| No.       | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
| 1         | 74.2827         | -46.79        | -68.79      | -22.0       | -13.0       | 55.8        | Horizontal | PK       | 313       | PASS    |
| 2         | 1842.5685       | -42.97        | -38.73      | 4.2         | -13.0       | 25.7        | Horizontal | PK       | 197       | PASS    |
| 3         | 1904.981        | -38.39        | -34.08      | 4.3         | -           | -           | Horizontal | PK       | 197       | NA      |
| 4         | 1980.196        | -54.97        | -50.33      | 4.6         | -           | -           | Horizontal | PK       | 112       | NA      |
| 5         | 5228.0326       | -57.53        | -52.33      | 5.2         | -13.0       | 39.3        | Horizontal | PK       | 22        | PASS    |
| 6         | 13100.924       | -69.72        | -45.55      | 24.2        | -13.0       | 32.6        | Horizontal | PK       | 284       | PASS    |

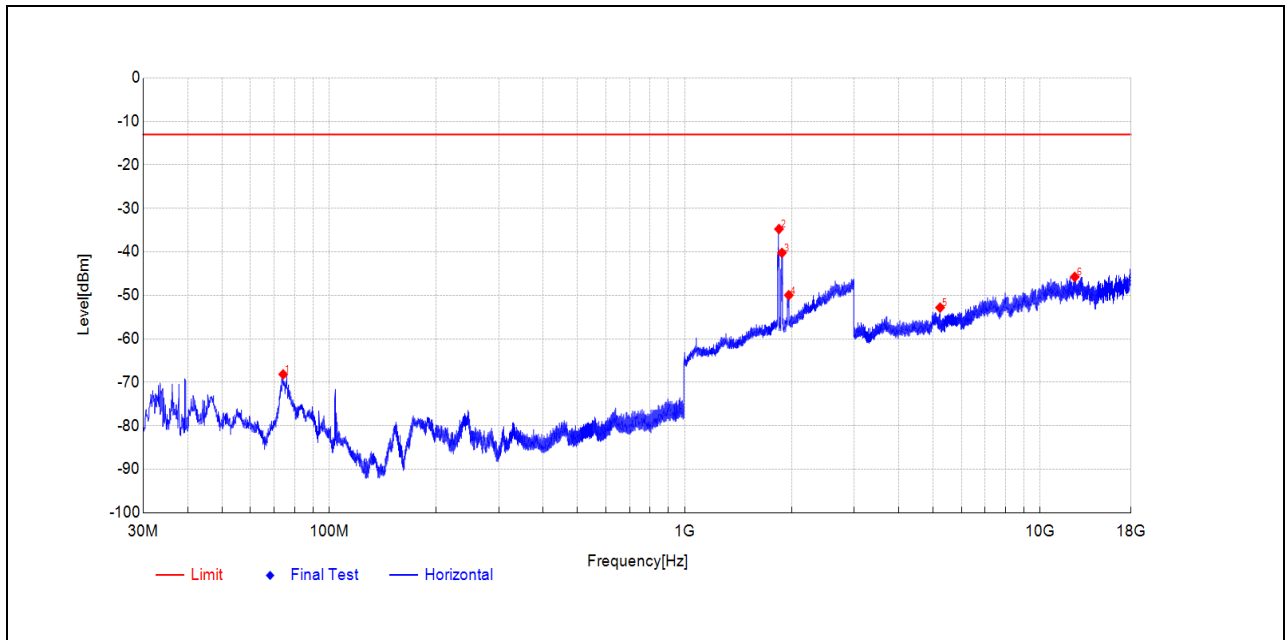
H\_LTE\_B2\_HIGH\_20M\_30M-18G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| 1   | 75.3498         | -46.88        | -69.23      | -22.4       | -13.0       | 56.2        | Horizontal | PK       | 311       | PASS    |
| 2   | 1841.7684       | -26.85        | -22.61      | 4.2         | -13.0       | 9.6         | Horizontal | PK       | 218       | PASS    |
| 3   | 1859.3719       | -38.44        | -33.95      | 4.5         | -           | -           | Horizontal | PK       | 218       | NA      |
| 4   | 1940.188        | -53.54        | -49.41      | 4.1         | -           | -           | Horizontal | PK       | 175       | NA      |
| 5   | 5078.8684       | -59.93        | -53.86      | 6.1         | -13.0       | 40.9        | Horizontal | PK       | 125       | PASS    |
| 6   | 10551.5421      | -65.40        | -46.05      | 19.4        | -13.0       | 33.1        | Horizontal | PK       | 112       | PASS    |

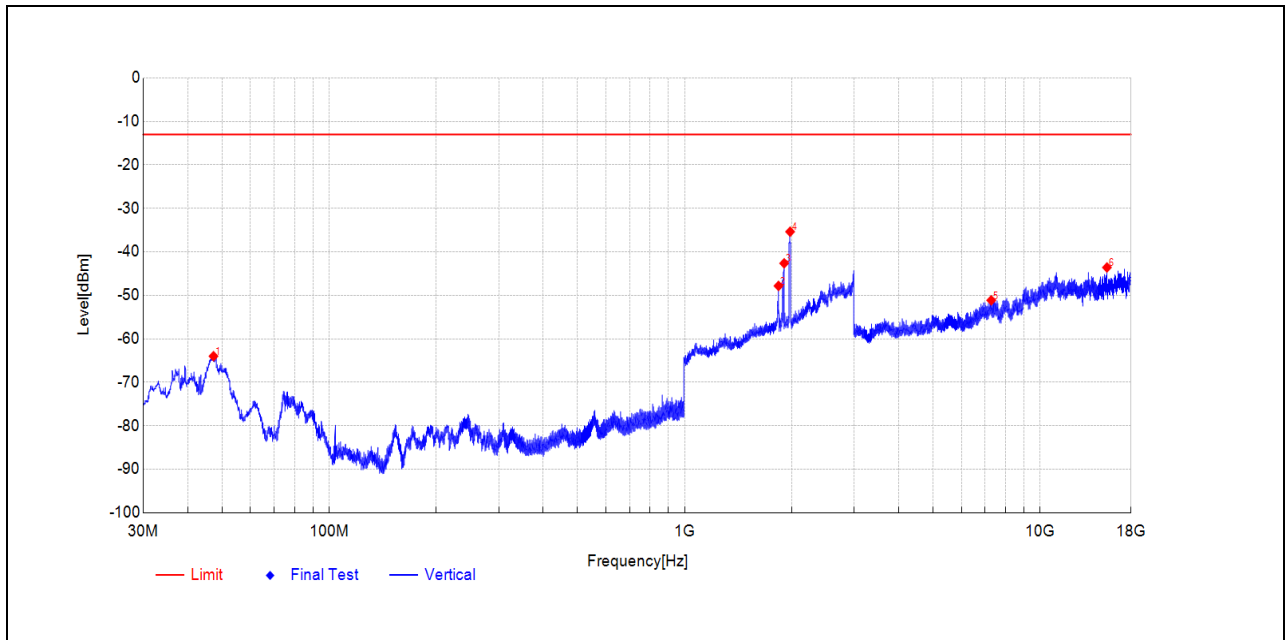
H\_LTE\_B2\_LOW\_20M\_30M-18G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| 1   | 74.2827         | -46.16        | -68.16      | -22.0       | -13.0       | 55.2        | Horizontal | PK       | 313       | PASS    |
| 2   | 1841.7684       | -38.99        | -34.75      | 4.2         | -13.0       | 21.8        | Horizontal | PK       | 196       | PASS    |
| 3   | 1877.3755       | -45.41        | -40.22      | 5.2         | -           | -           | Horizontal | PK       | 196       | NA      |
| 4   | 1962.9926       | -54.48        | -49.96      | 4.5         | -           | -           | Horizontal | PK       | 174       | NA      |
| 5   | 5228.0326       | -58.01        | -52.81      | 5.2         | -13.0       | 39.8        | Horizontal | PK       | 271       | PASS    |
| 6   | 12503.7802      | -69.08        | -45.76      | 23.3        | -13.0       | 32.8        | Horizontal | PK       | 154       | PASS    |

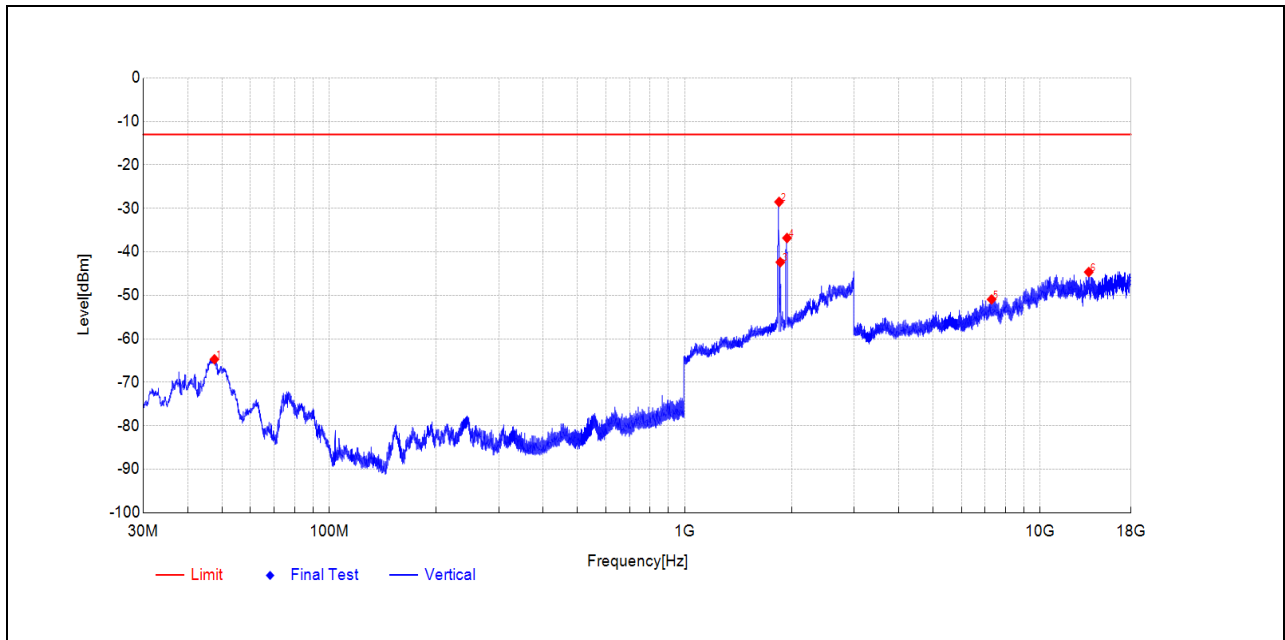
H\_LTE\_B2\_MID\_20M\_30M-18G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|-----------|---------|
| 1   | 47.3154         | -44.53        | -64.00      | -19.5       | -13.0       | 51.0        | Vertical | PK       | 0         | PASS    |
| 2   | 1836.1672       | -52.49        | -47.82      | 4.7         | -13.0       | 34.8        | Vertical | PK       | 47        | PASS    |
| 3   | 1904.5809       | -47.71        | -42.62      | 5.1         | -           | -           | Vertical | PK       | 47        | NA      |
| 4   | 1979.796        | -40.18        | -35.35      | 4.8         | -           | -           | Vertical | PK       | 153       | NA      |
| 5   | 7281.1712       | -62.93        | -51.14      | 11.8        | -13.0       | 38.1        | Vertical | PK       | 360       | PASS    |
| 6   | 15404.0562      | -69.16        | -43.58      | 25.6        | -13.0       | 30.6        | Vertical | PK       | 89        | PASS    |

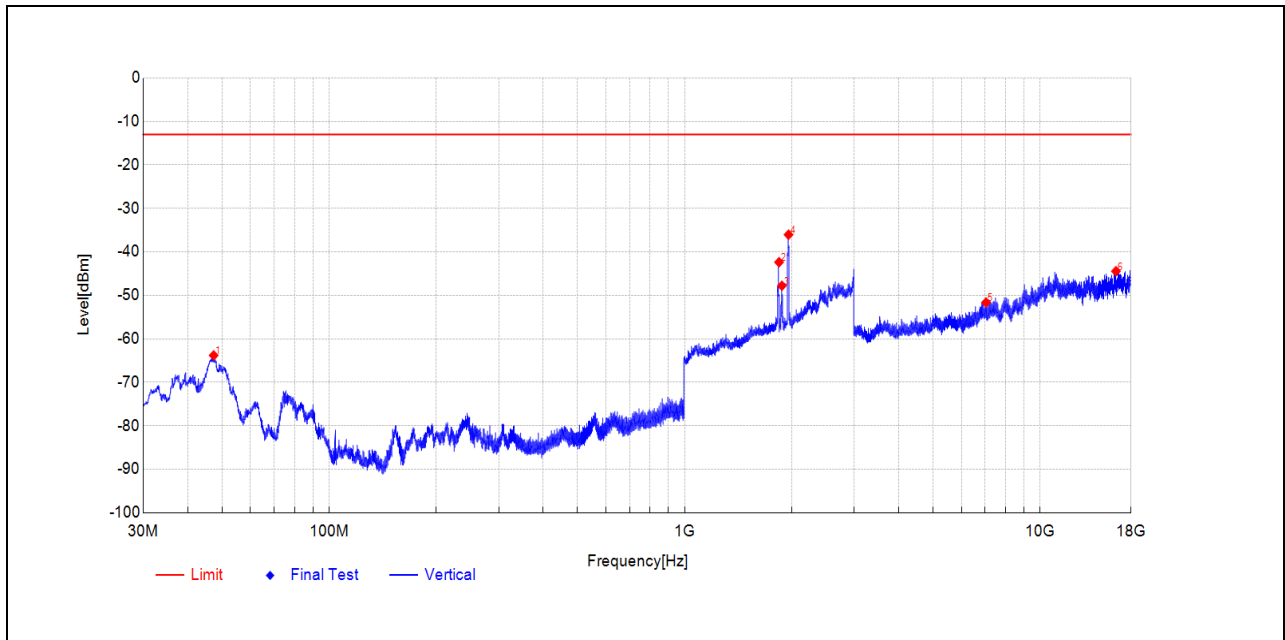
V\_LTE\_B2\_HIGH\_20M\_30M-18G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|-----------|---------|
| 1   | 47.6064         | -45.34        | -64.71      | -19.4       | -13.0       | 51.7        | Vertical | PK       | 2         | PASS    |
| 2   | 1842.9686       | -32.99        | -28.49      | 4.5         | -13.0       | 15.5        | Vertical | PK       | 26        | PASS    |
| 3   | 1858.5717       | -46.71        | -42.37      | 4.3         | -           | -           | Vertical | PK       | 26        | NA      |
| 4   | 1940.188        | -40.74        | -36.81      | 3.9         | -           | -           | Vertical | PK       | 301       | NA      |
| 5   | 7298.4519       | -62.85        | -50.94      | 11.9        | -13.0       | 37.9        | Vertical | PK       | 175       | PASS    |
| 6   | 13693.7478      | -69.45        | -44.64      | 24.8        | -13.0       | 31.6        | Vertical | PK       | 175       | PASS    |

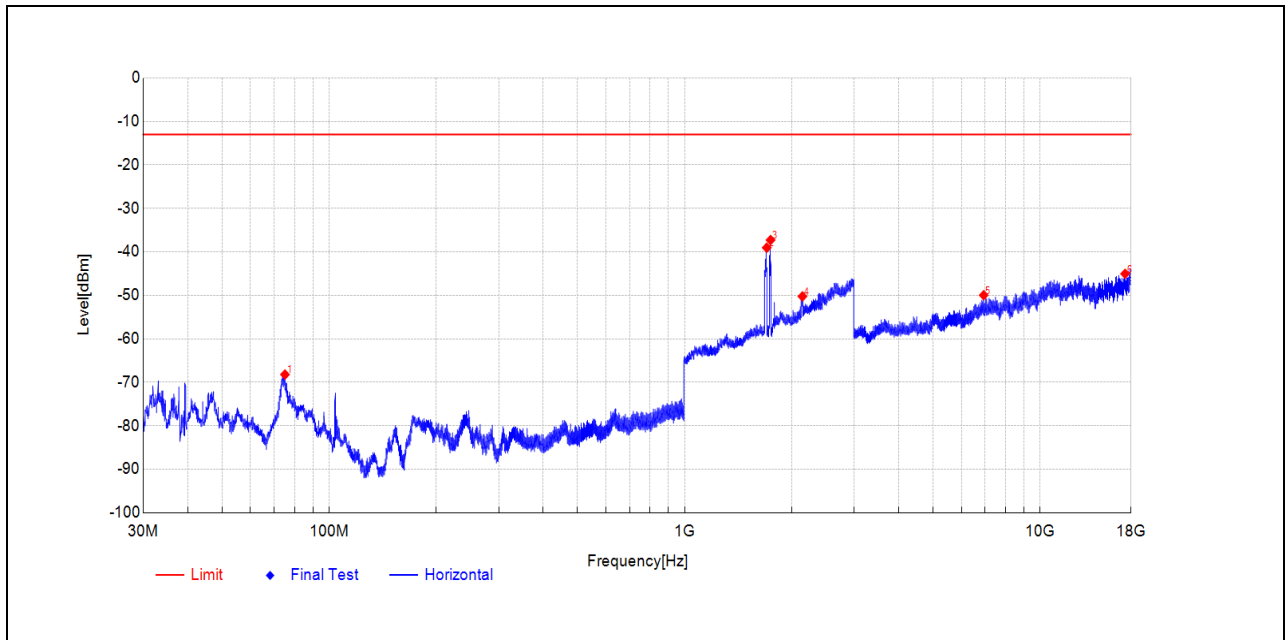
V\_LTE\_B2\_LOW\_20M\_30M-18G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|-----------|---------|
| 1   | 47.3639         | -44.35        | -63.81      | -19.5       | -13.0       | 50.8        | Vertical | PK       | 355       | PASS    |
| 2   | 1842.5685       | -46.88        | -42.37      | 4.5         | -13.0       | 29.4        | Vertical | PK       | 26        | PASS    |
| 3   | 1876.9754       | -52.79        | -47.79      | 5.0         | -           | -           | Vertical | PK       | 132       | NA      |
| 4   | 1959.3919       | -40.22        | -36.04      | 4.2         | -           | -           | Vertical | PK       | 152       | NA      |
| 5   | 7041.1616       | -62.61        | -51.63      | 11.0        | -13.0       | 38.6        | Vertical | PK       | 215       | PASS    |
| 6   | 16330.4932      | -69.98        | -44.45      | 25.5        | -13.0       | 31.5        | Vertical | PK       | 194       | PASS    |

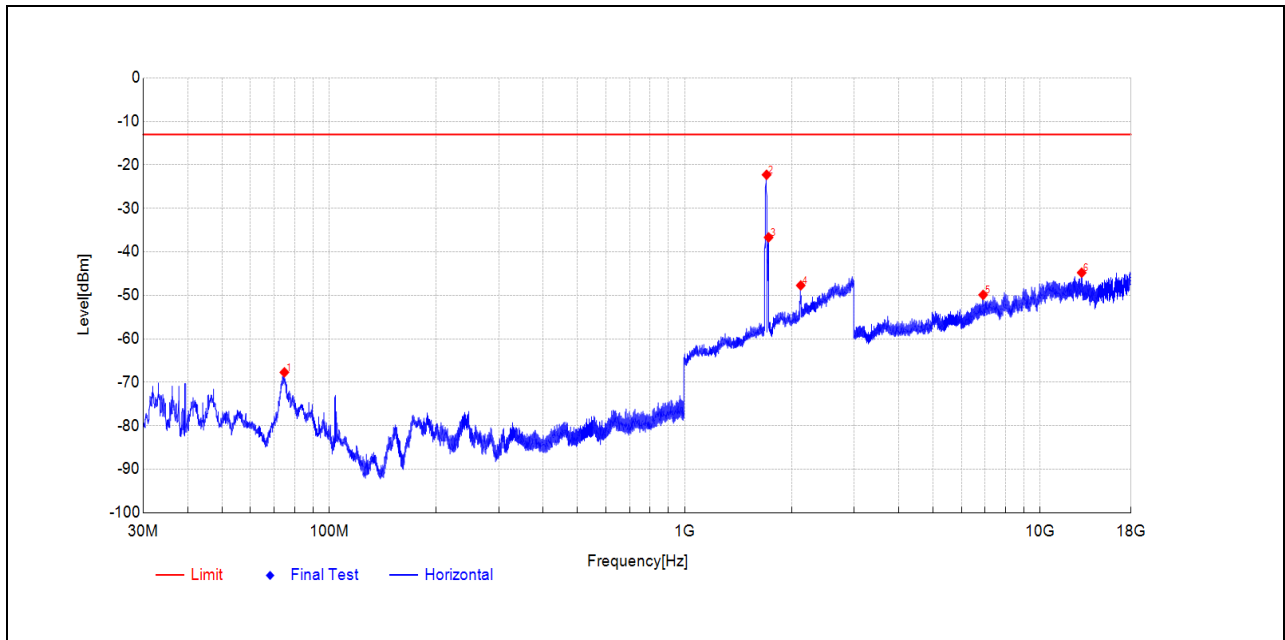
V\_LTE\_B2\_MID\_20M\_30M-18G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| 1   | 75.1558         | -45.96        | -68.21      | -22.3       | -13.0       | 55.2        | Horizontal | PK       | 313       | PASS    |
| 2   | 1701.3403       | -42.39        | -39.03      | 3.4         | -13.0       | 26.0        | Horizontal | PK       | 215       | PASS    |
| 3   | 1744.1488       | -40.25        | -37.28      | 3.0         | -           | -           | Horizontal | PK       | 173       | NA      |
| 4   | 2143.8288       | -56.27        | -50.24      | 6.0         | -           | -           | Horizontal | PK       | 280       | NA      |
| 5   | 6933.1573       | -61.51        | -49.96      | 11.6        | -13.0       | 37.0        | Horizontal | PK       | 194       | PASS    |
| 6   | 17321.7329      | -69.22        | -45.04      | 24.2        | -13.0       | 32.0        | Horizontal | PK       | 152       | PASS    |

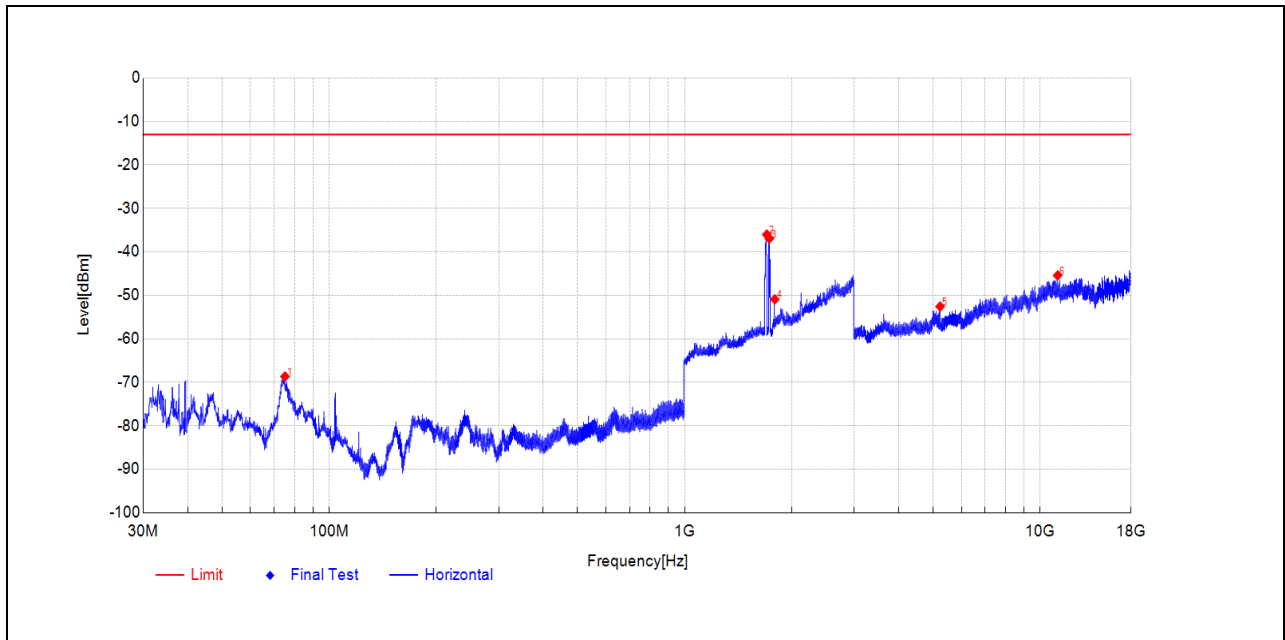
H\_LTE\_B4\_HIGH\_20M\_30M-18G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| 1   | 74.8647         | -45.56        | -67.71      | -22.2       | -13.0       | 54.7        | Horizontal | PK       | 312       | PASS    |
| 2   | 1699.7399       | -25.58        | -22.26      | 3.3         | -13.0       | 9.3         | Horizontal | PK       | 218       | PASS    |
| 3   | 1722.1444       | -39.85        | -36.67      | 3.2         | -           | -           | Horizontal | PK       | 176       | NA      |
| 4   | 2120.6241       | -53.60        | -47.71      | 5.9         | -           | -           | Horizontal | PK       | 197       | NA      |
| 5   | 6908.1963       | -61.44        | -49.89      | 11.6        | -13.0       | 36.9        | Horizontal | PK       | 261       | PASS    |
| 6   | 13077.4031      | -68.62        | -44.79      | 23.8        | -13.0       | 31.8        | Horizontal | PK       | 240       | PASS    |

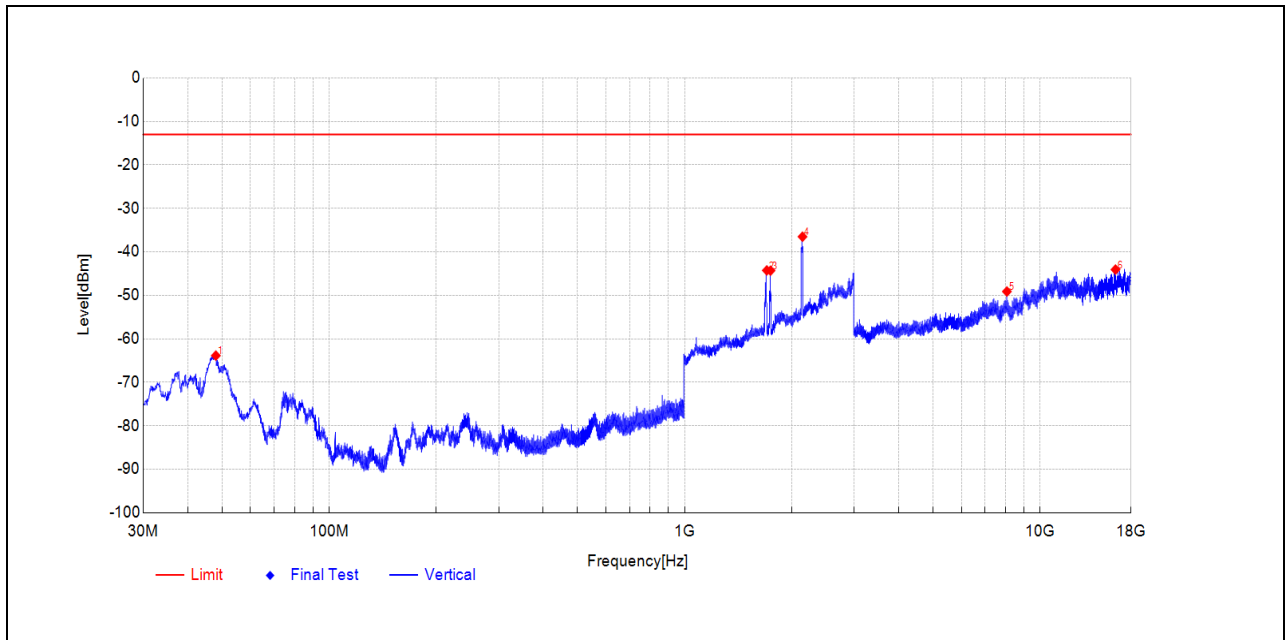
H\_LTE\_B4\_LOW\_20M\_30M-18G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| 1   | 75.1558         | -46.42        | -68.67      | -22.3       | -13.0       | 55.7        | Horizontal | PK       | 313       | PASS    |
| 2   | 1701.7403       | -39.37        | -36.01      | 3.4         | -13.0       | 23.0        | Horizontal | PK       | 219       | PASS    |
| 3   | 1730.5461       | -40.01        | -36.95      | 3.1         | -           | -           | Horizontal | PK       | 176       | NA      |
| 4   | 1792.5585       | -55.03        | -50.91      | 4.1         | -           | -           | Horizontal | PK       | 176       | NA      |
| 5   | 5227.1753       | -57.76        | -52.56      | 5.2         | -13.0       | 39.6        | Horizontal | PK       | 355       | PASS    |
| 6   | 11191.8877      | -65.70        | -45.42      | 20.3        | -13.0       | 32.4        | Horizontal | PK       | 48        | PASS    |

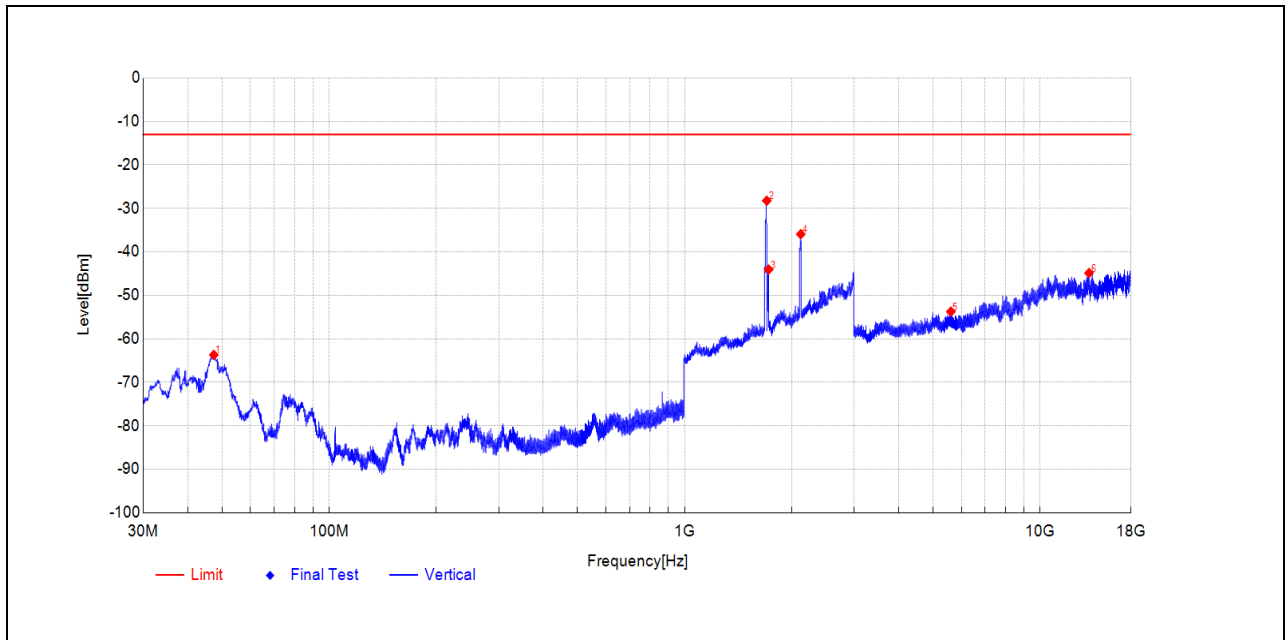
H\_LTE\_B4\_MID\_20M\_30M-18G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|-----------|---------|
| 1   | 48.0429         | -44.67        | -63.86      | -19.2       | -13.0       | 50.9        | Vertical | PK       | 0         | PASS    |
| 2   | 1702.1404       | -47.74        | -44.25      | 3.5         | -13.0       | 31.3        | Vertical | PK       | 27        | PASS    |
| 3   | 1743.7488       | -47.76        | -44.31      | 3.5         | -           | -           | Vertical | PK       | 48        | NA      |
| 4   | 2145.029        | -42.32        | -36.51      | 5.8         | -           | -           | Vertical | PK       | 260       | NA      |
| 5   | 8058.8024       | -62.10        | -49.11      | 13.0        | -13.0       | 36.1        | Vertical | PK       | 217       | PASS    |
| 6   | 16282.0113      | -70.28        | -44.07      | 26.2        | -13.0       | 31.1        | Vertical | PK       | 360       | PASS    |

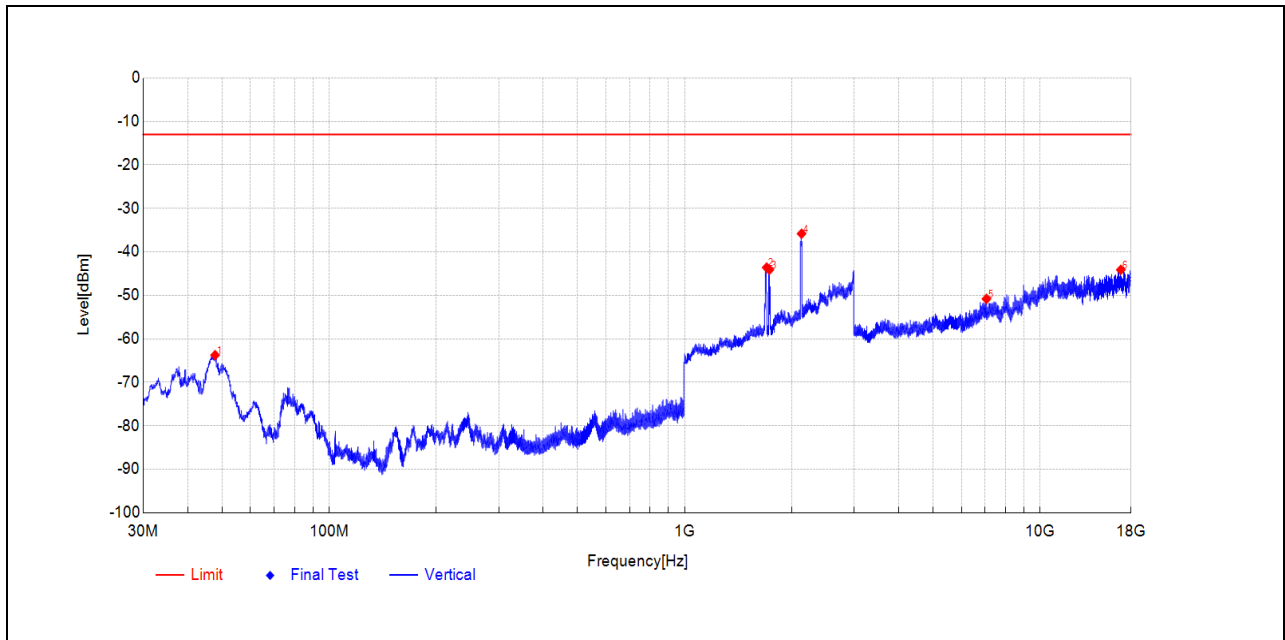
V\_LTE\_B4\_HIGH\_20M\_30M-18G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|-----------|---------|
| 1   | 47.4124         | -44.28        | -63.69      | -19.4       | -13.0       | 50.7        | Vertical | PK       | 5         | PASS    |
| 2   | 1701.7403       | -31.70        | -28.22      | 3.5         | -13.0       | 15.2        | Vertical | PK       | 26        | PASS    |
| 3   | 1722.5445       | -47.50        | -44.06      | 3.4         | -           | -           | Vertical | PK       | 131       | NA      |
| 4   | 2121.0242       | -41.74        | -35.93      | 5.8         | -           | -           | Vertical | PK       | 153       | NA      |
| 5   | 5606.0866       | -60.51        | -53.74      | 6.8         | -13.0       | 40.7        | Vertical | PK       | 313       | PASS    |
| 6   | 13714.8686      | -69.59        | -44.87      | 24.7        | -13.0       | 31.9        | Vertical | PK       | 90        | PASS    |

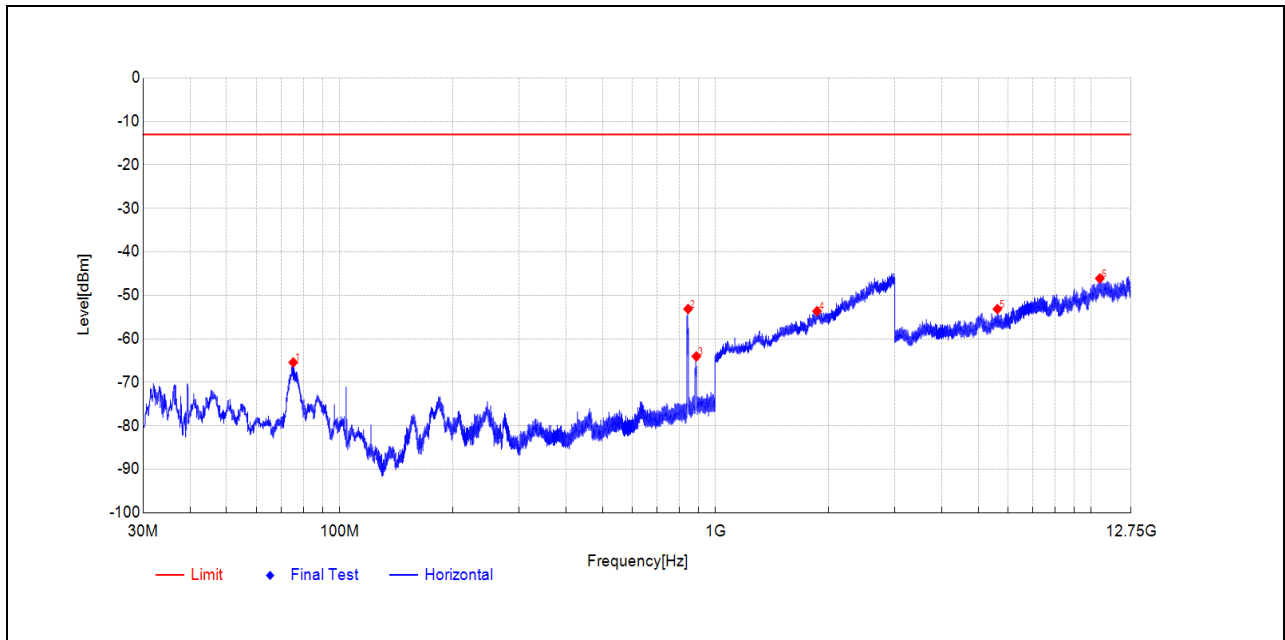
V\_LTE\_B4\_LOW\_20M\_30M-18G\_



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|-----------|---------|
| 1   | 47.8004         | -44.46        | -63.74      | -19.3       | -13.0       | 50.7        | Vertical | PK       | 0         | PASS    |
| 2   | 1700.9402       | -47.08        | -43.60      | 3.5         | -13.0       | 30.6        | Vertical | PK       | 112       | PASS    |
| 3   | 1730.9462       | -47.53        | -44.12      | 3.4         | -           | -           | Vertical | PK       | 47        | NA      |
| 4   | 2131.8264       | -41.83        | -35.82      | 6.0         | -           | -           | Vertical | PK       | 90        | NA      |
| 5   | 7058.9224       | -61.74        | -50.81      | 10.9        | -13.0       | 37.8        | Vertical | PK       | 176       | PASS    |
| 6   | 16848.4339      | -70.19        | -44.12      | 26.1        | -13.0       | 31.1        | Vertical | PK       | 218       | PASS    |

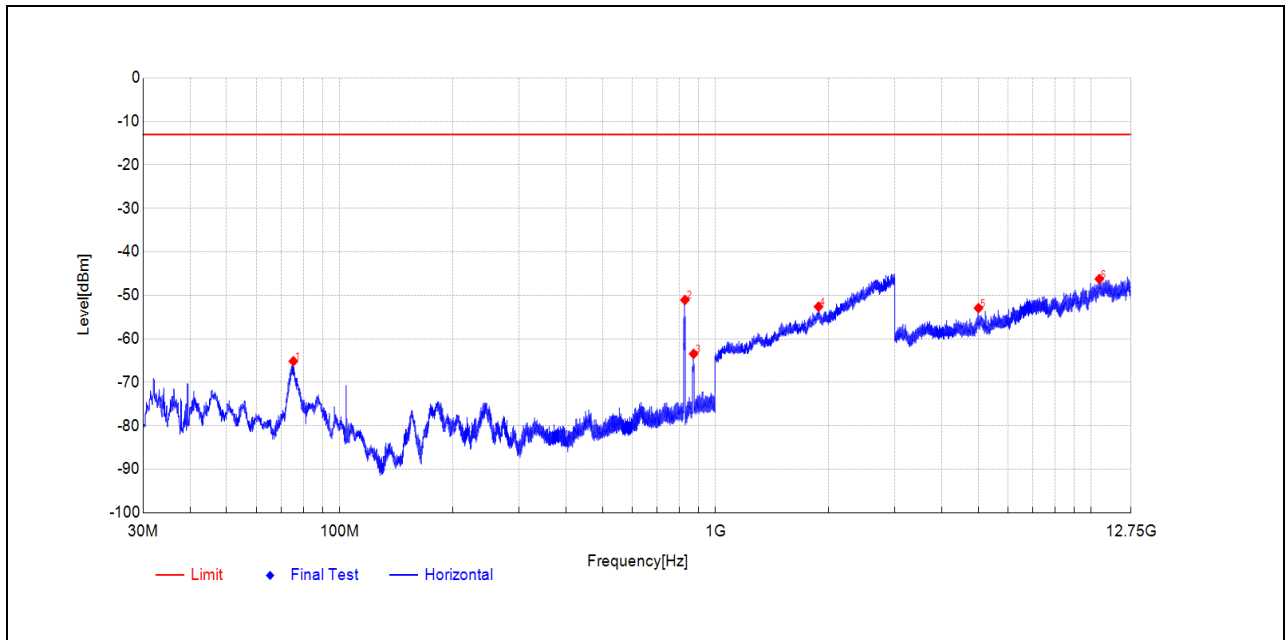
V\_LTE\_B4\_MID\_20M\_30M-18G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| 1   | 75.2528         | -43.20        | -65.42      | -22.2       | -13.0       | 52.4        | Horizontal | PK       | 312       | PASS    |
| 2   | 845.2773        | -47.85        | -53.13      | -5.3        | -           | -           | Horizontal | PK       | 164       | NA      |
| 3   | 889.172         | -59.35        | -64.05      | -4.7        | -           | -           | Horizontal | PK       | 184       | NA      |
| 4   | 1862.1724       | -58.99        | -53.65      | 5.3         | -13.0       | 40.7        | Horizontal | PK       | 336       | PASS    |
| 5   | 5623.8562       | -60.15        | -53.16      | 7.0         | -13.0       | 40.2        | Horizontal | PK       | 0         | PASS    |
| 6   | 10532.2516      | -65.87        | -46.11      | 19.8        | -13.0       | 33.1        | Horizontal | PK       | 60        | PASS    |

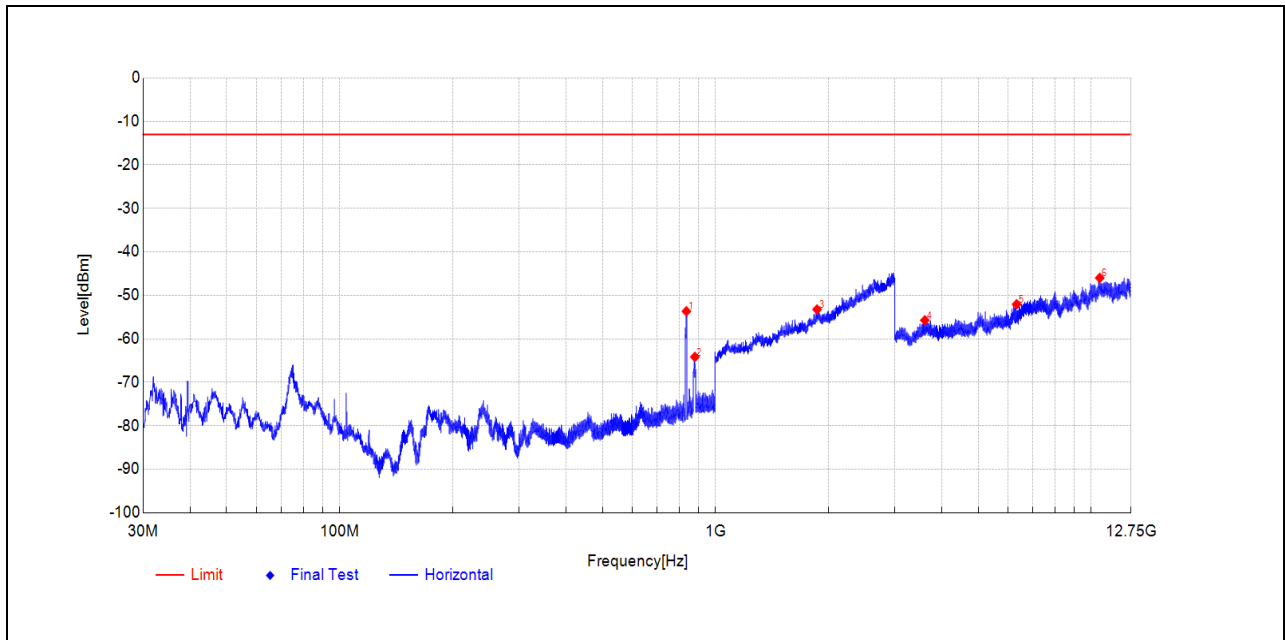
H\_LTE\_B5\_HIGH\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| 1   | 75.3013         | -42.92        | -65.15      | -22.2       | -13.0       | 52.2        | Horizontal | PK       | 312       | PASS    |
| 2   | 829.1745        | -45.35        | -51.07      | -5.7        | -           | -           | Horizontal | PK       | 161       | NA      |
| 3   | 874.4757        | -58.65        | -63.45      | -4.8        | -           | -           | Horizontal | PK       | 99        | NA      |
| 4   | 1879.776        | -58.68        | -52.61      | 6.1         | -13.0       | 39.6        | Horizontal | PK       | 232       | PASS    |
| 5   | 5009.088        | -59.03        | -52.93      | 6.1         | -13.0       | 39.9        | Horizontal | PK       | 269       | PASS    |
| 6   | 10500.075       | -66.13        | -46.23      | 19.9        | -13.0       | 33.2        | Horizontal | PK       | 77        | PASS    |

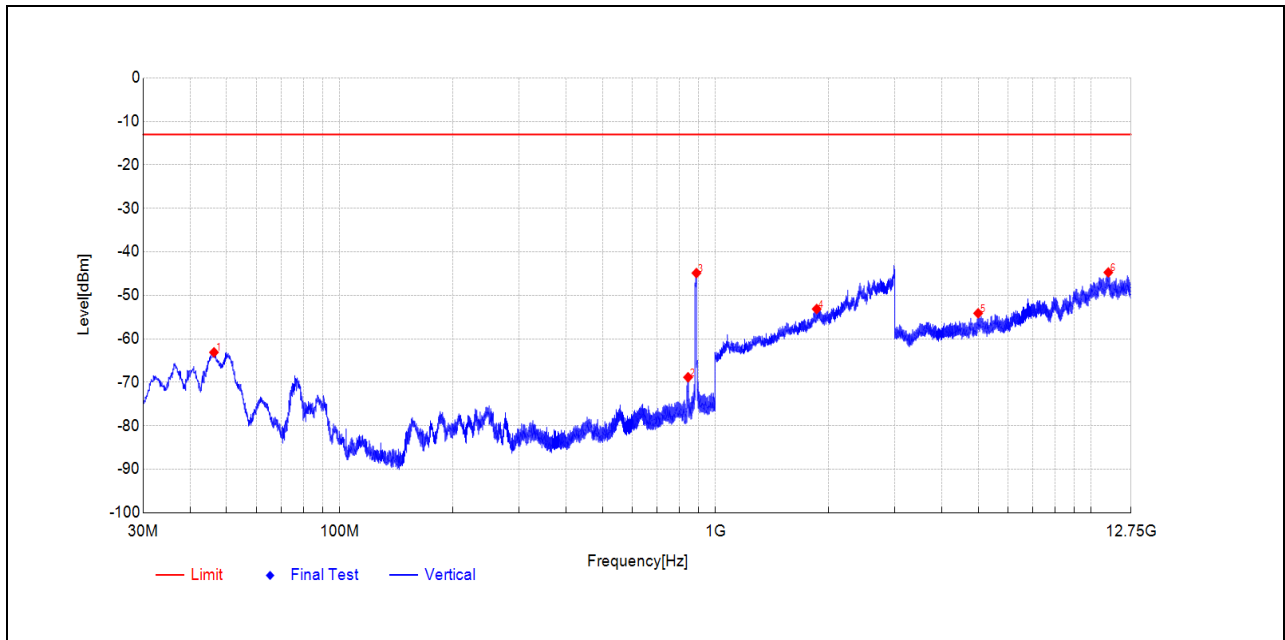
H\_LTE\_B5\_LOW\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| 1   | 836.7408        | -48.13        | -53.66      | -5.5        | -           | -           | Horizontal | PK       | 145       | NA      |
| 2   | 881.3631        | -59.41        | -64.15      | -4.7        | -           | -           | Horizontal | PK       | 103       | NA      |
| 3   | 1862.9726       | -58.61        | -53.24      | 5.4         | -13.0       | 40.2        | Horizontal | PK       | 25        | PASS    |
| 4   | 3605.0178       | -57.39        | -55.73      | 1.7         | -13.0       | 42.7        | Horizontal | PK       | 19        | PASS    |
| 5   | 6327.8414       | -61.55        | -52.05      | 9.5         | -13.0       | 39.1        | Horizontal | PK       | 355       | PASS    |
| 6   | 10526.4013      | -65.78        | -45.99      | 19.8        | -13.0       | 33.0        | Horizontal | PK       | 83        | PASS    |

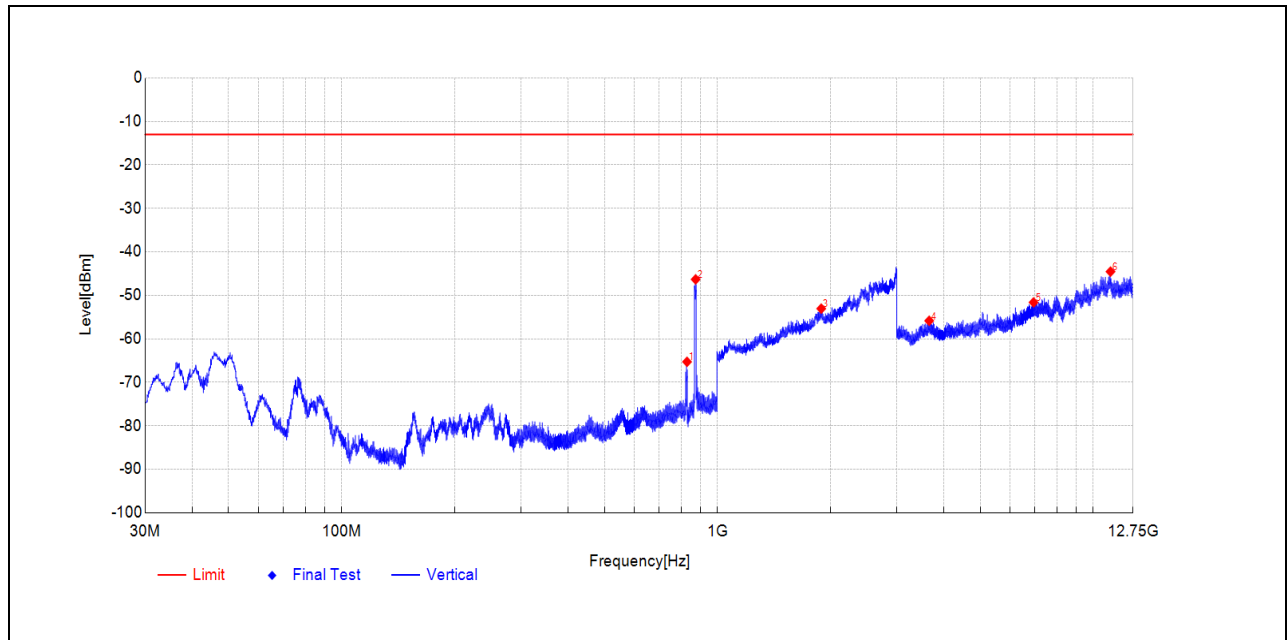
H\_LTE\_B5\_MID\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|-----------|---------|
| 1   | 46.2968         | -43.37        | -63.10      | -19.7       | -13.0       | 50.1        | Vertical | PK       | 34        | PASS    |
| 2   | 845.1318        | -63.23        | -68.84      | -5.6        | -           | -           | Vertical | PK       | 34        | NA      |
| 3   | 889.6085        | -40.42        | -44.87      | -4.5        | -           | -           | Vertical | PK       | 290       | NA      |
| 4   | 1858.9718       | -58.21        | -53.14      | 5.1         | -13.0       | 40.1        | Vertical | PK       | 355       | PASS    |
| 5   | 4997.3874       | -59.61        | -54.12      | 5.5         | -13.0       | 41.1        | Vertical | PK       | 119       | PASS    |
| 6   | 11094.8547      | -67.10        | -44.72      | 22.4        | -13.0       | 31.7        | Vertical | PK       | 206       | PASS    |

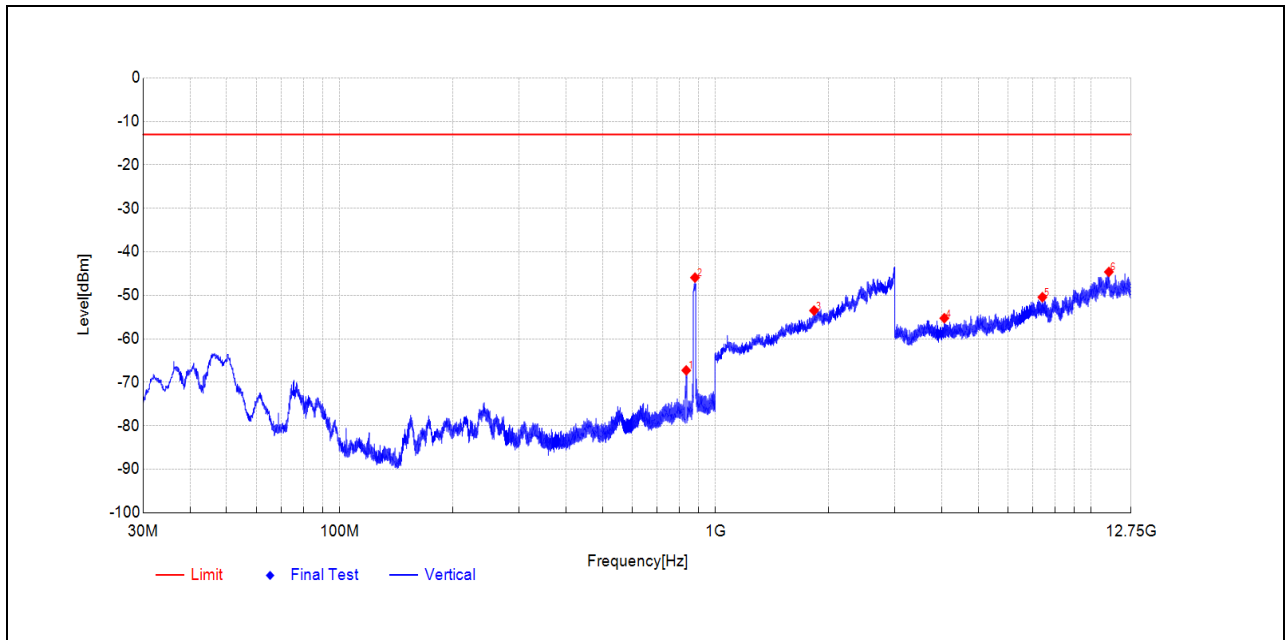
V\_LTE\_B5\_HIGH\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|-----------|---------|
| 1   | 829.708         | -59.30        | -65.28      | -6.0        | -           | -           | Vertical | PK       | 34        | NA      |
| 2   | 874.4272        | -41.64        | -46.32      | -4.7        | -           | -           | Vertical | PK       | 290       | NA      |
| 3   | 1887.7776       | -58.94        | -53.05      | 5.9         | -13.0       | 40.1        | Vertical | PK       | 356       | PASS    |
| 4   | 3657.1829       | -57.50        | -55.85      | 1.7         | -13.0       | 42.9        | Vertical | PK       | 56        | PASS    |
| 5   | 6933.3467       | -62.42        | -51.62      | 10.8        | -13.0       | 38.6        | Vertical | PK       | 100       | PASS    |
| 6   | 11108.0179      | -66.84        | -44.54      | 22.3        | -13.0       | 31.5        | Vertical | PK       | 143       | PASS    |

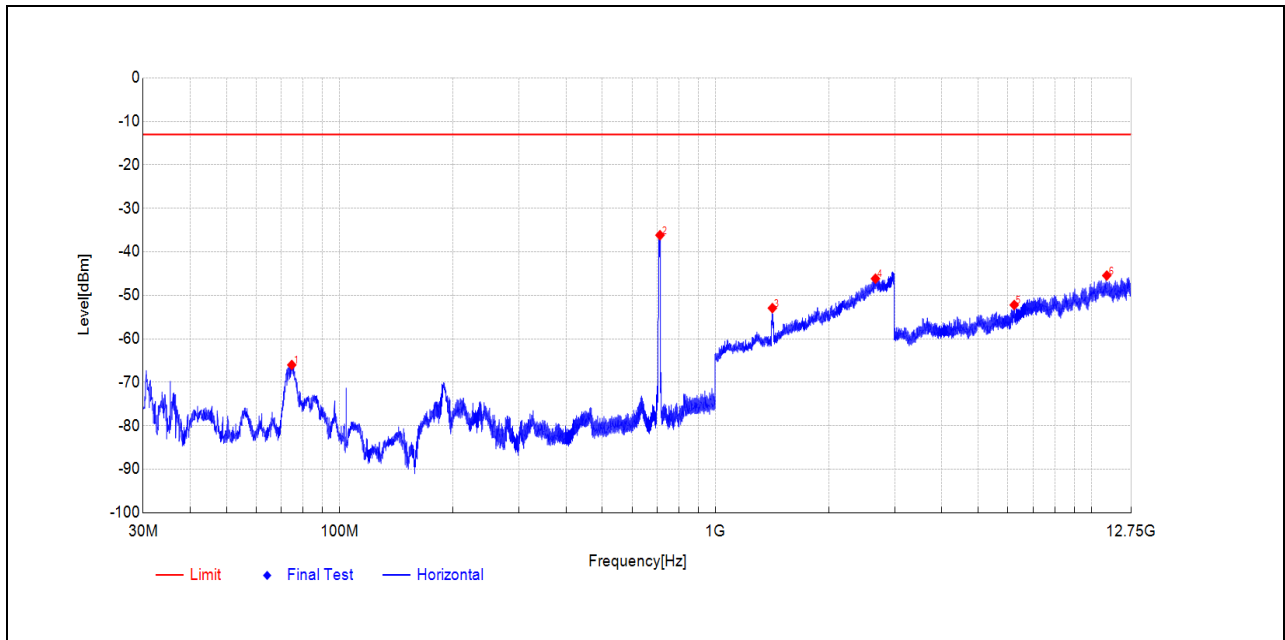
V\_LTE\_B5\_LOW\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|-----------|---------|
| 1   | 835.8193        | -61.41        | -67.25      | -5.8        | -           | -           | Vertical | PK       | 38        | NA      |
| 2   | 881.7511        | -41.44        | -45.91      | -4.5        | -           | -           | Vertical | PK       | 17        | NA      |
| 3   | 1828.9658       | -58.86        | -53.50      | 5.4         | -13.0       | 40.5        | Vertical | PK       | 5         | PASS    |
| 4   | 4062.3156       | -56.98        | -55.26      | 1.7         | -13.0       | 42.3        | Vertical | PK       | 103       | PASS    |
| 5   | 7408.1954       | -62.15        | -50.42      | 11.7        | -13.0       | 37.4        | Vertical | PK       | 81        | PASS    |
| 6   | 11134.8317      | -66.52        | -44.60      | 21.9        | -13.0       | 31.6        | Vertical | PK       | 270       | PASS    |

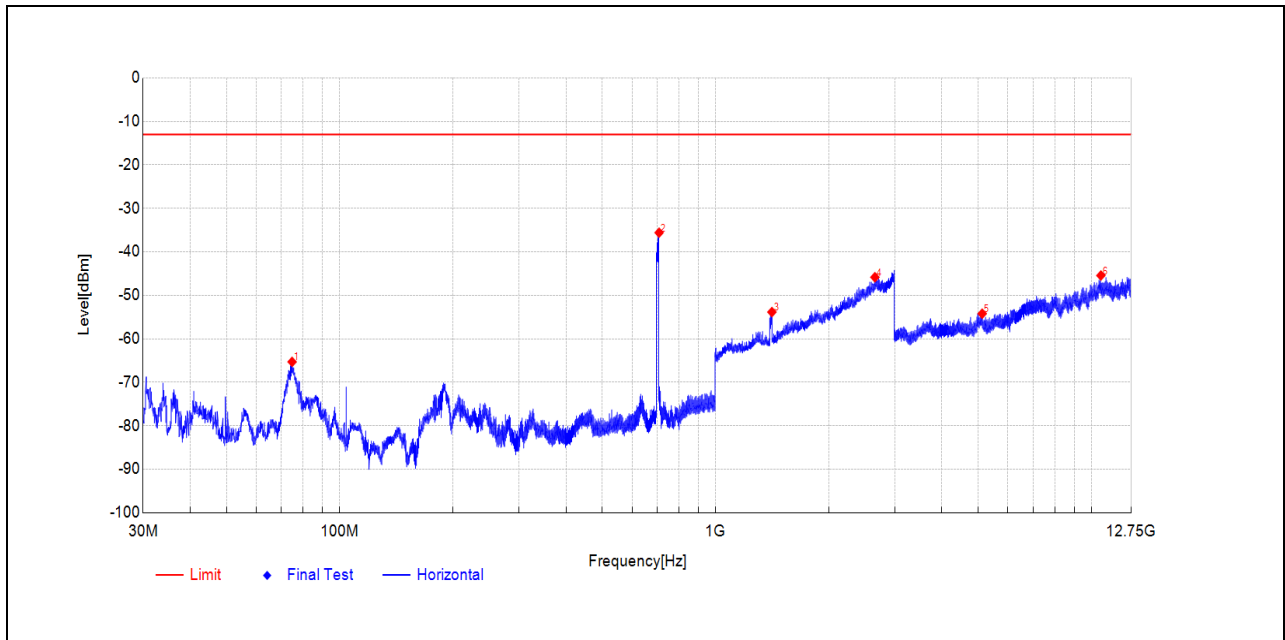
V\_LTE\_B5\_MID\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| 1   | 74.5737         | -43.98        | -66.00      | -22.0       | -13.0       | 53.0        | Horizontal | PK       | 304       | PASS    |
| 2   | 711.6046        | -28.54        | -36.16      | -7.6        | -           | -           | Horizontal | PK       | 157       | NA      |
| 3   | 1417.2835       | -52.67        | -52.93      | -0.3        | -13.0       | 39.9        | Horizontal | PK       | 210       | PASS    |
| 4   | 2664.3329       | -59.05        | -46.16      | 12.9        | -13.0       | 33.2        | Horizontal | PK       | 314       | PASS    |
| 5   | 6234.2367       | -62.05        | -52.21      | 9.8         | -13.0       | 39.2        | Horizontal | PK       | 261       | PASS    |
| 6   | 10991.0121      | -66.41        | -45.44      | 21.0        | -13.0       | 32.4        | Horizontal | PK       | 347       | PASS    |

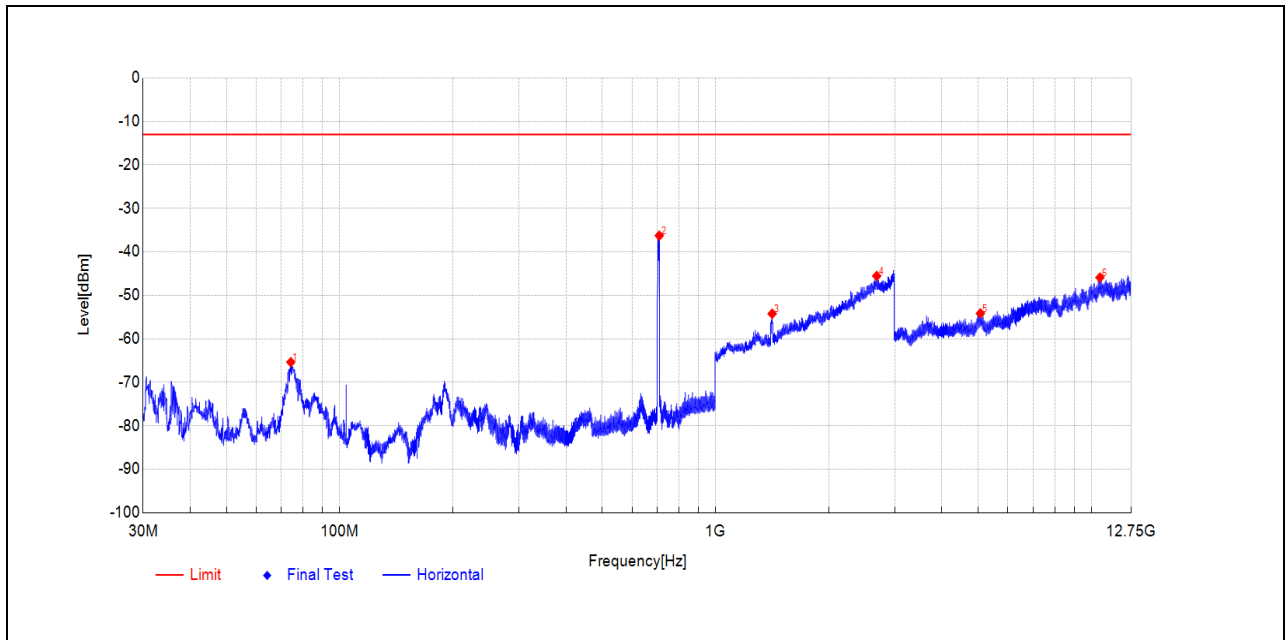
H\_LTE\_B12\_HIGH\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| 1   | 74.7192         | -43.22        | -65.29      | -22.1       | -13.0       | 52.3        | Horizontal | PK       | 317       | PASS    |
| 2   | 707.8214        | -27.76        | -35.58      | -7.8        | -           | -           | Horizontal | PK       | 152       | NA      |
| 3   | 1412.4825       | -53.45        | -53.84      | -0.4        | -13.0       | 40.8        | Horizontal | PK       | 148       | PASS    |
| 4   | 2655.5311       | -58.71        | -45.83      | 12.9        | -13.0       | 32.8        | Horizontal | PK       | 127       | PASS    |
| 5   | 5124.1437       | -60.04        | -54.21      | 5.8         | -13.0       | 41.2        | Horizontal | PK       | 254       | PASS    |
| 6   | 10600.9926      | -64.90        | -45.43      | 19.5        | -13.0       | 32.4        | Horizontal | PK       | 317       | PASS    |

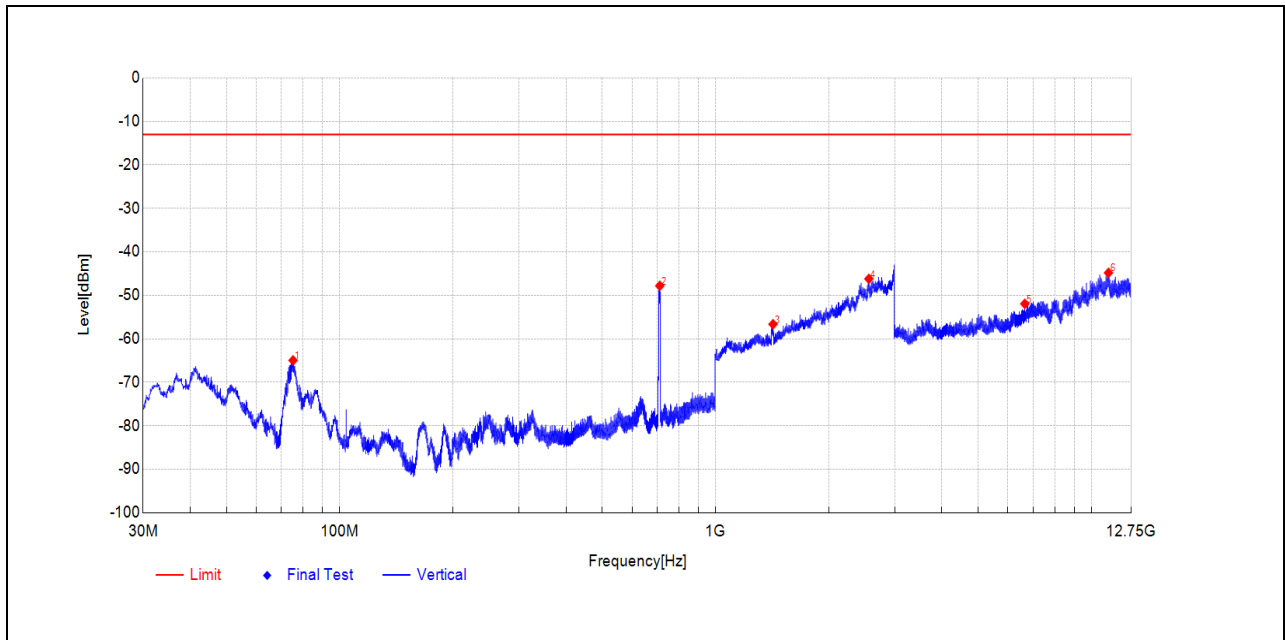
H\_LTE\_B12\_LOW\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| 1   | 74.1372         | -43.49        | -65.36      | -21.9       | -13.0       | 52.4        | Horizontal | PK       | 305       | PASS    |
| 2   | 708.5974        | -28.49        | -36.26      | -7.8        | -           | -           | Horizontal | PK       | 157       | NA      |
| 3   | 1414.883        | -53.89        | -54.22      | -0.3        | -13.0       | 41.2        | Horizontal | PK       | 66        | PASS    |
| 4   | 2685.137        | -58.43        | -45.54      | 12.9        | -13.0       | 32.5        | Horizontal | PK       | 231       | PASS    |
| 5   | 5067.5909       | -60.22        | -54.15      | 6.1         | -13.0       | 41.2        | Horizontal | PK       | 243       | PASS    |
| 6   | 10541.0271      | -65.62        | -45.89      | 19.7        | -13.0       | 32.9        | Horizontal | PK       | 178       | PASS    |

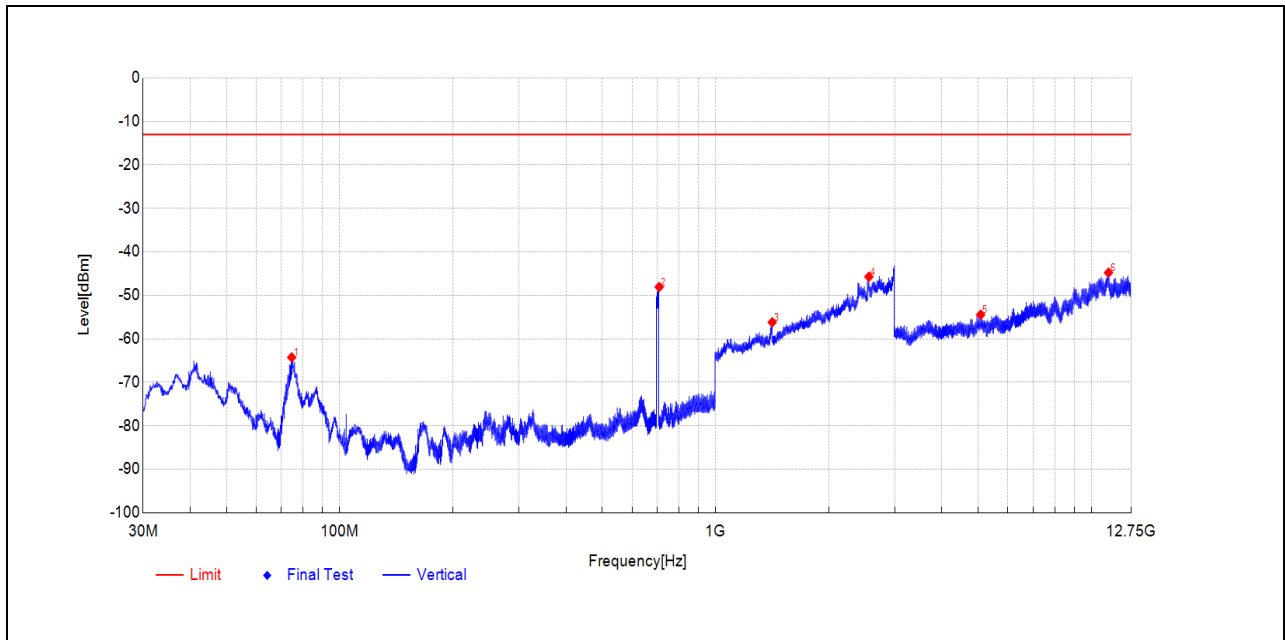
H\_LTE\_B12\_MID\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|-----------|---------|
| 1   | 75.1558         | -42.96        | -64.95      | -22.0       | -13.0       | 52.0        | Vertical | PK       | 360       | PASS    |
| 2   | 710.78          | -39.98        | -47.80      | -7.8        | -           | -           | Vertical | PK       | 360       | NA      |
| 3   | 1422.4845       | -56.25        | -56.64      | -0.4        | -13.0       | 43.6        | Vertical | PK       | 87        | PASS    |
| 4   | 2558.3117       | -58.55        | -46.20      | 12.4        | -13.0       | 33.2        | Vertical | PK       | 108       | PASS    |
| 5   | 6652.0451       | -62.11        | -51.95      | 10.2        | -13.0       | 39.0        | Vertical | PK       | 27        | PASS    |
| 6   | 11105.0928      | -67.14        | -44.81      | 22.3        | -13.0       | 31.8        | Vertical | PK       | 5         | PASS    |

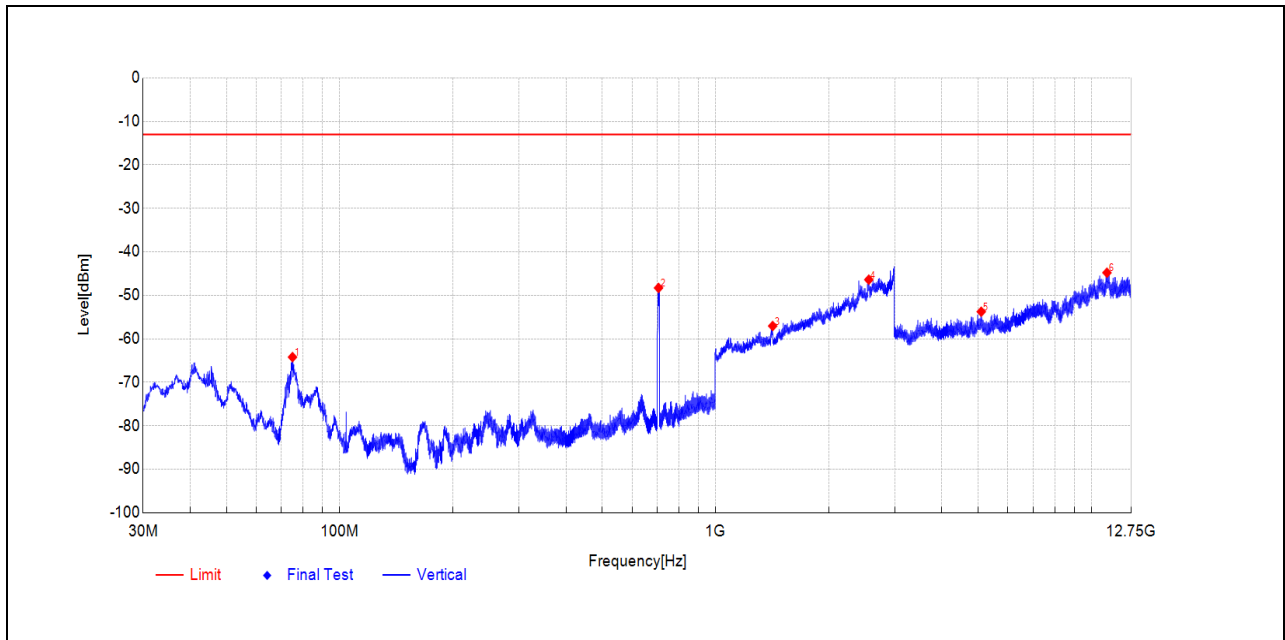
V\_LTE\_B12\_HIGH\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|-----------|---------|
| 1   | 74.5252         | -42.45        | -64.27      | -21.8       | -13.0       | 51.3        | Vertical | PK       | 360       | PASS    |
| 2   | 707.8699        | -40.13        | -48.08      | -8.0        | -           | -           | Vertical | PK       | 5         | NA      |
| 3   | 1415.2831       | -55.84        | -56.19      | -0.4        | -13.0       | 43.2        | Vertical | PK       | 126       | PASS    |
| 4   | 2559.5119       | -58.00        | -45.73      | 12.3        | -13.0       | 32.7        | Vertical | PK       | 64        | PASS    |
| 5   | 5074.4162       | -59.93        | -54.46      | 5.5         | -13.0       | 41.5        | Vertical | PK       | 154       | PASS    |
| 6   | 11105.0928      | -67.12        | -44.79      | 22.3        | -13.0       | 31.8        | Vertical | PK       | 48        | PASS    |

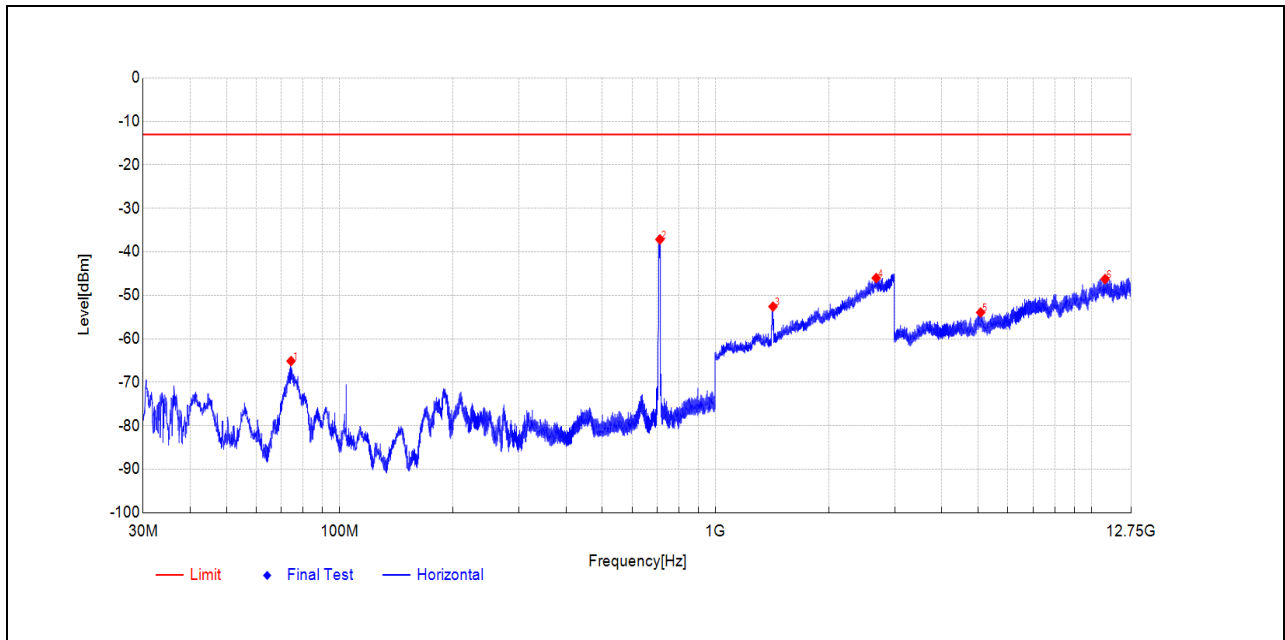
V\_LTE\_B12\_LOW\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|-----------|---------|
| 1   | 74.9132         | -42.29        | -64.21      | -21.9       | -13.0       | 51.2        | Vertical | PK       | 360       | PASS    |
| 2   | 705.2508        | -40.22        | -48.29      | -8.1        | -           | -           | Vertical | PK       | 358       | NA      |
| 3   | 1419.2839       | -56.68        | -57.05      | -0.4        | -13.0       | 44.1        | Vertical | PK       | 169       | PASS    |
| 4   | 2557.5115       | -58.78        | -46.39      | 12.4        | -13.0       | 33.4        | Vertical | PK       | 23        | PASS    |
| 5   | 5093.4297       | -59.23        | -53.76      | 5.5         | -13.0       | 40.8        | Vertical | PK       | 192       | PASS    |
| 6   | 11003.6877      | -66.80        | -44.79      | 22.0        | -13.0       | 31.8        | Vertical | PK       | 129       | PASS    |

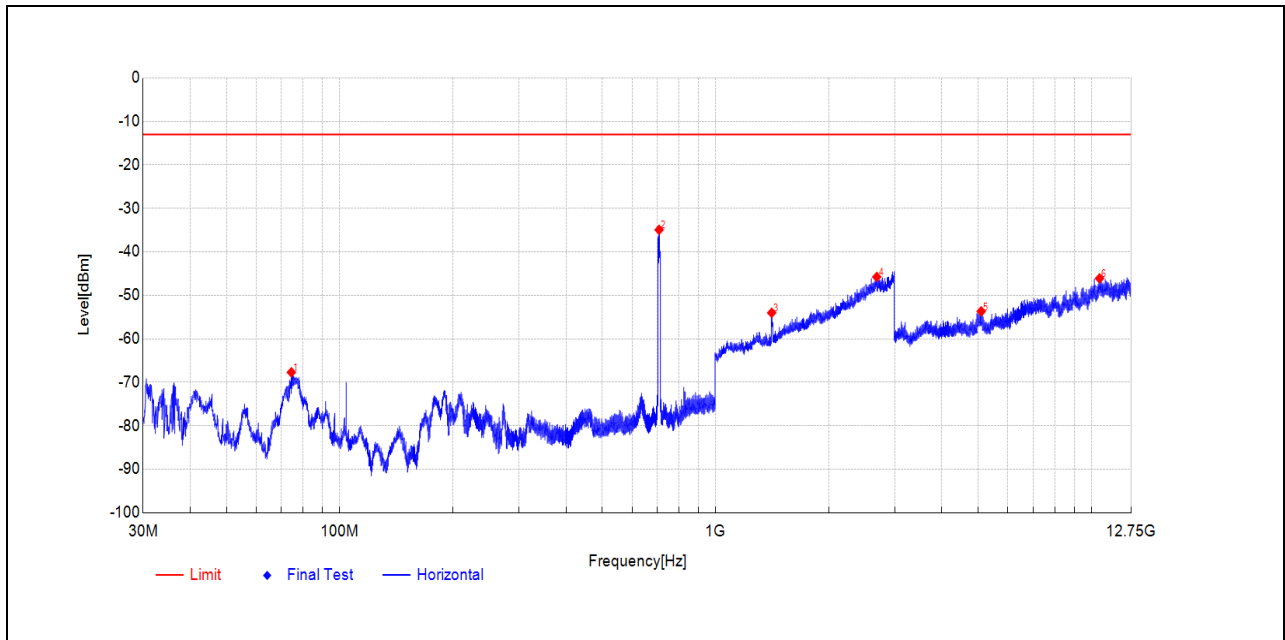
V\_LTE\_B12\_MID\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| 1   | 74.2342         | -43.20        | -65.11      | -21.9       | -13.0       | 52.1        | Horizontal | PK       | 319       | PASS    |
| 2   | 711.1681        | -29.50        | -37.14      | -7.6        | -           | -           | Horizontal | PK       | 151       | NA      |
| 3   | 1422.0844       | -52.44        | -52.58      | -0.1        | -13.0       | 39.6        | Horizontal | PK       | 314       | PASS    |
| 4   | 2676.3353       | -58.90        | -46.02      | 12.9        | -13.0       | 33.0        | Horizontal | PK       | 251       | PASS    |
| 5   | 5074.9037       | -60.01        | -53.94      | 6.1         | -13.0       | 40.9        | Horizontal | PK       | 235       | PASS    |
| 6   | 10873.5187      | -67.01        | -46.25      | 20.8        | -13.0       | 33.3        | Horizontal | PK       | 256       | PASS    |

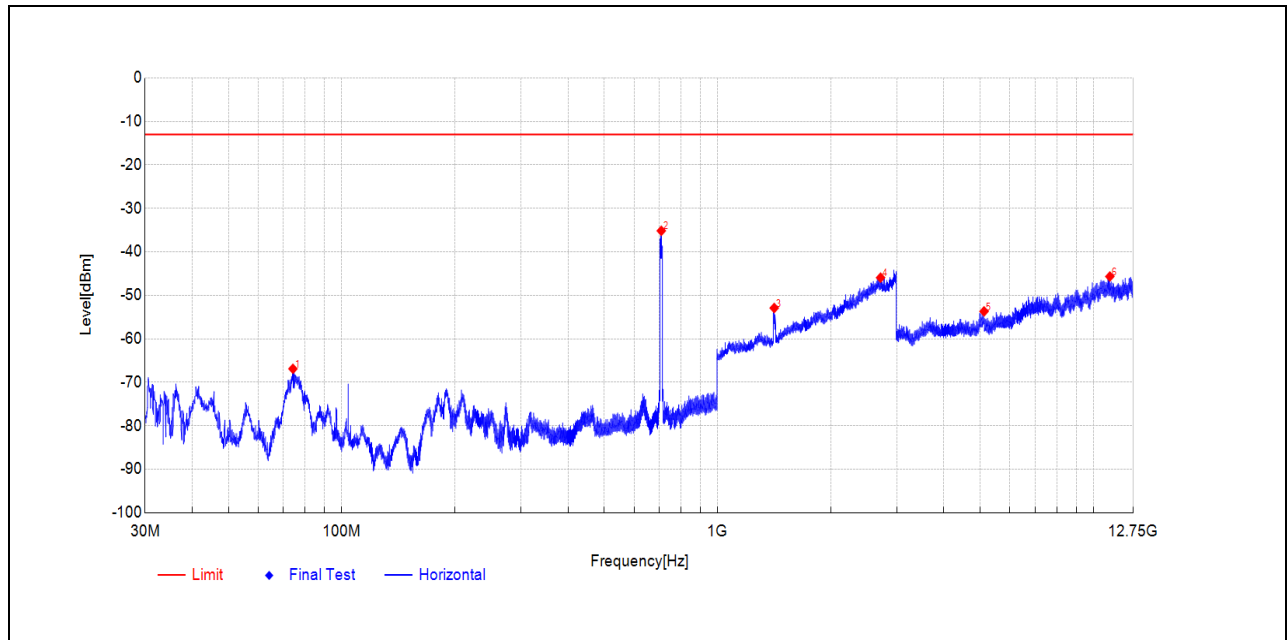
H\_LTE\_B17\_HIGH\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| 1   | 74.3797         | -45.74        | -67.70      | -22.0       | -13.0       | 54.7        | Horizontal | PK       | 334       | PASS    |
| 2   | 707.6759        | -27.09        | -34.92      | -7.8        | -           | -           | Horizontal | PK       | 149       | NA      |
| 3   | 1410.8822       | -53.57        | -54.01      | -0.4        | -13.0       | 41.0        | Horizontal | PK       | 293       | PASS    |
| 4   | 2685.9372       | -58.65        | -45.76      | 12.9        | -13.0       | 32.8        | Horizontal | PK       | 210       | PASS    |
| 5   | 5092.4546       | -59.75        | -53.68      | 6.1         | -13.0       | 40.7        | Horizontal | PK       | 5         | PASS    |
| 6   | 10514.2132      | -65.94        | -46.10      | 19.8        | -13.0       | 33.1        | Horizontal | PK       | 293       | PASS    |

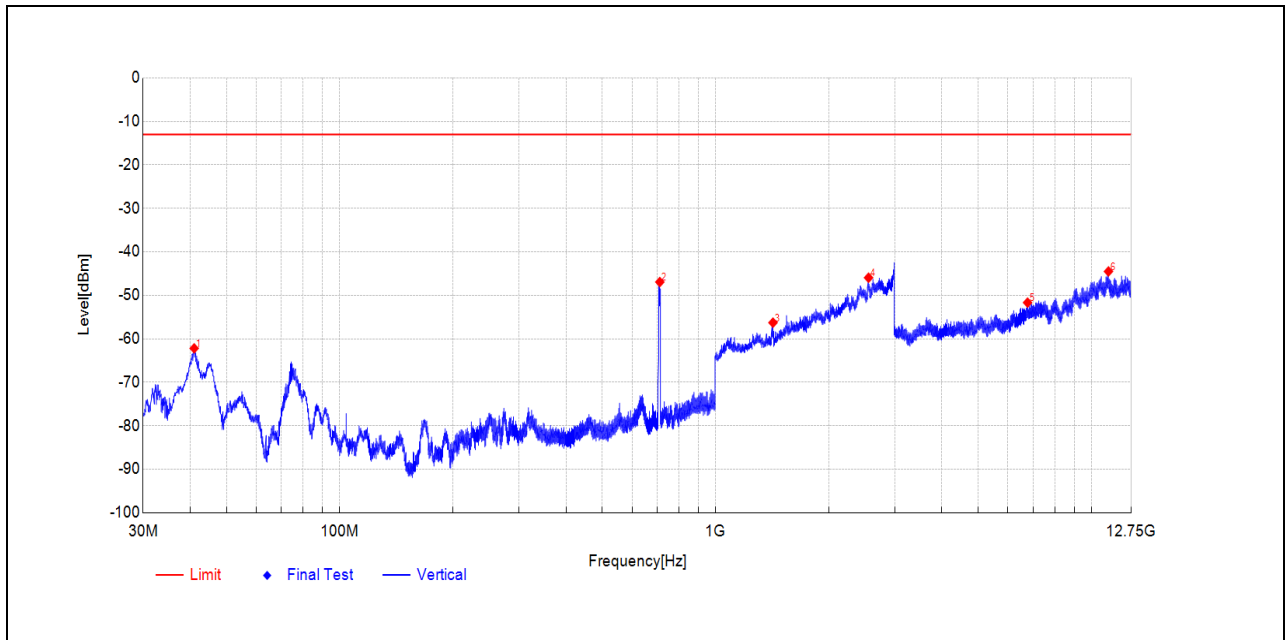
H\_LTE\_B17\_LOW\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| 1   | 74.1857         | -45.00        | -66.89      | -21.9       | -13.0       | 53.9        | Horizontal | PK       | 305       | PASS    |
| 2   | 708.6459        | -27.38        | -35.15      | -7.8        | -           | -           | Horizontal | PK       | 157       | NA      |
| 3   | 1415.2831       | -52.59        | -52.90      | -0.3        | -13.0       | 39.9        | Horizontal | PK       | 334       | PASS    |
| 4   | 2715.5431       | -58.71        | -45.92      | 12.8        | -13.0       | 32.9        | Horizontal | PK       | 355       | PASS    |
| 5   | 5118.7809       | -59.56        | -53.68      | 5.9         | -13.0       | 40.7        | Horizontal | PK       | 113       | PASS    |
| 6   | 11063.1657      | -66.02        | -45.66      | 20.4        | -13.0       | 32.7        | Horizontal | PK       | 135       | PASS    |

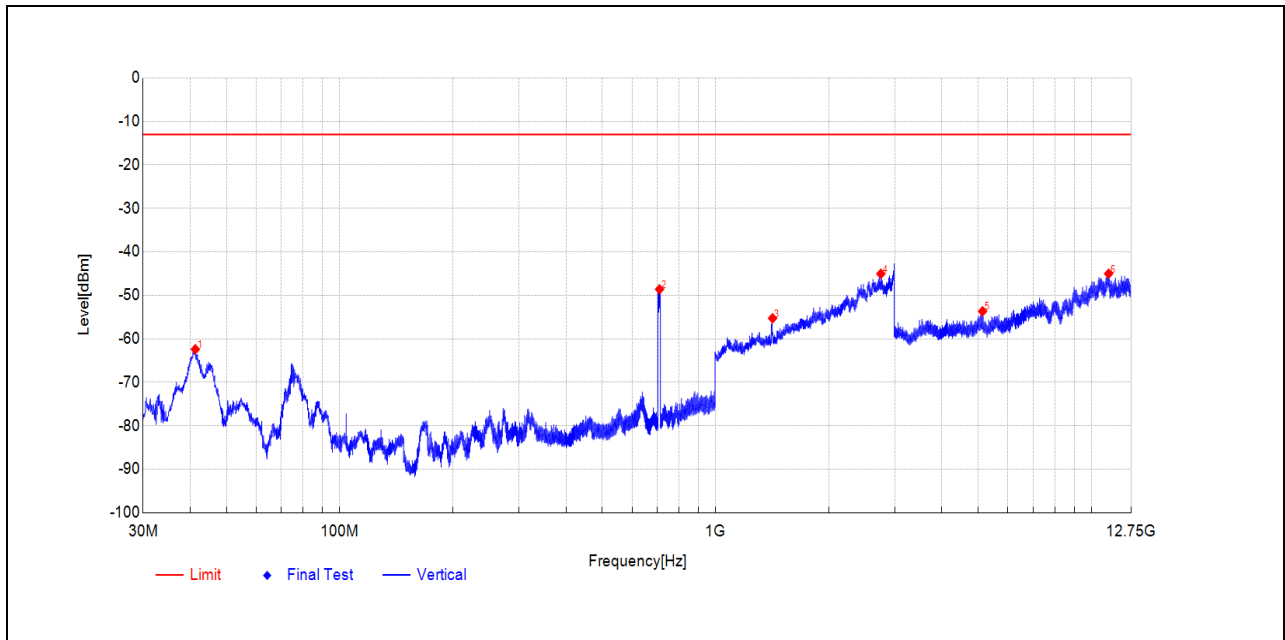
H\_LTE\_B17\_MID\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|-----------|---------|
| 1   | 41.0101         | -40.82        | -62.18      | -21.4       | -13.0       | 49.2        | Vertical | PK       | 47        | PASS    |
| 2   | 710.8285        | -39.11        | -46.93      | -7.8        | -           | -           | Vertical | PK       | 5         | NA      |
| 3   | 1422.0844       | -55.89        | -56.28      | -0.4        | -13.0       | 43.3        | Vertical | PK       | 190       | PASS    |
| 4   | 2553.9108       | -58.38        | -45.94      | 12.4        | -13.0       | 32.9        | Vertical | PK       | 335       | PASS    |
| 5   | 6765.6383       | -62.40        | -51.67      | 10.7        | -13.0       | 38.7        | Vertical | PK       | 47        | PASS    |
| 6   | 11106.0678      | -66.81        | -44.49      | 22.3        | -13.0       | 31.5        | Vertical | PK       | 88        | PASS    |

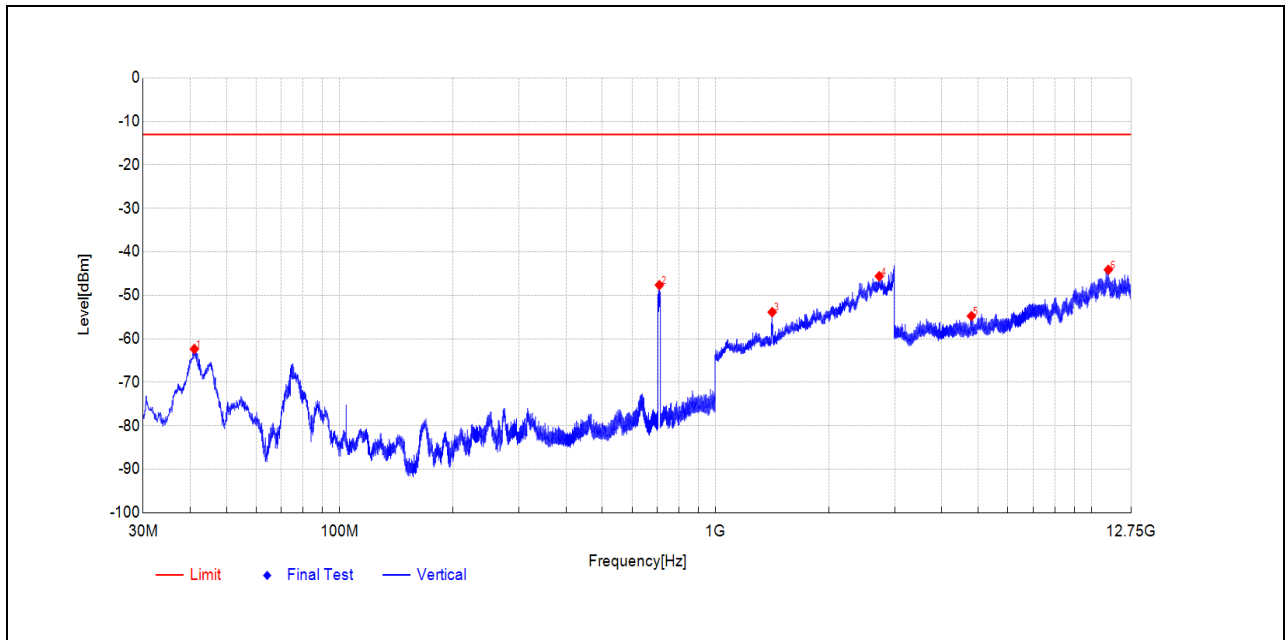
V\_LTE\_B17\_HIGH\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|-----------|---------|
| 1   | 41.3011         | -41.14        | -62.40      | -21.3       | -13.0       | 49.4        | Vertical | PK       | 5         | PASS    |
| 2   | 709.616         | -40.73        | -48.60      | -7.9        | -           | -           | Vertical | PK       | 216       | NA      |
| 3   | 1418.0836       | -54.91        | -55.28      | -0.4        | -13.0       | 42.3        | Vertical | PK       | 188       | PASS    |
| 4   | 2753.9508       | -57.75        | -45.04      | 12.7        | -13.0       | 32.0        | Vertical | PK       | 272       | PASS    |
| 5   | 5134.8692       | -58.94        | -53.67      | 5.3         | -13.0       | 40.7        | Vertical | PK       | 132       | PASS    |
| 6   | 11116.3058      | -67.20        | -45.02      | 22.2        | -13.0       | 32.0        | Vertical | PK       | 111       | PASS    |

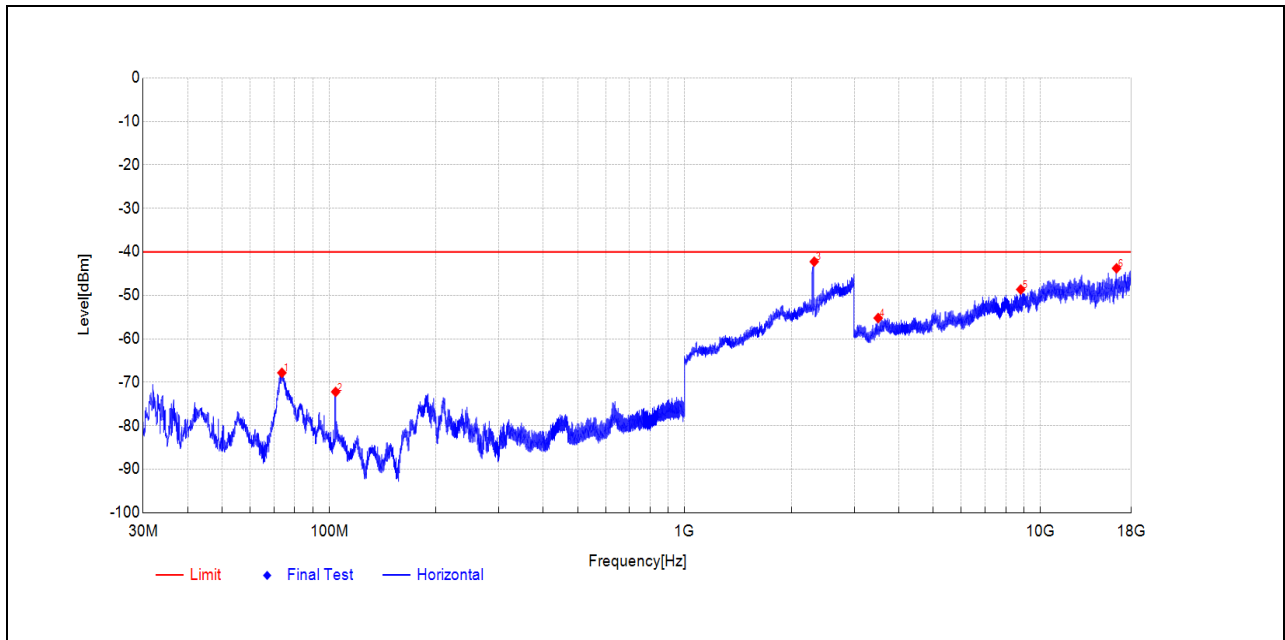
V\_LTE\_B17\_LOW\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|----------|----------|-----------|---------|
| 1   | 41.0586         | -41.02        | -62.35      | -21.3       | -13.0       | 49.4        | Vertical | PK       | 5         | PASS    |
| 2   | 708.8399        | -39.72        | -47.62      | -7.9        | -           | -           | Vertical | PK       | 360       | NA      |
| 3   | 1415.2831       | -53.52        | -53.87      | -0.4        | -13.0       | 40.9        | Vertical | PK       | 128       | PASS    |
| 4   | 2727.1454       | -58.43        | -45.61      | 12.8        | -13.0       | 32.6        | Vertical | PK       | 293       | PASS    |
| 5   | 4795.5523       | -59.19        | -54.76      | 4.4         | -13.0       | 41.8        | Vertical | PK       | 275       | PASS    |
| 6   | 11096.3173      | -66.51        | -44.12      | 22.4        | -13.0       | 31.1        | Vertical | PK       | 234       | PASS    |

V\_LTE\_B17\_MID\_10M\_30M-12.75G



### Data List

| No. | Frequency [MHz] | Reading [dBm] | Level [dBm] | Factor [dB] | Limit [dBm] | Margin [dB] | Polarity   | Detector | Angle [°] | Verdict |
|-----|-----------------|---------------|-------------|-------------|-------------|-------------|------------|----------|-----------|---------|
| 1   | 73.6522         | -46.06        | -67.81      | -21.8       | -40.0       | 27.8        | Horizontal | PK       | 319       | PASS    |
| 2   | 104.3542        | -49.49        | -72.20      | -22.7       | -40.0       | 32.2        | Horizontal | PK       | 339       | PASS    |
| 3   | 2314.2629       | -50.20        | -42.24      | 8.0         | -           | -           | Horizontal | PK       | 34        | NA      |
| 4   | 3500.6429       | -56.27        | -55.22      | 1.1         | -40.0       | 15.2        | Horizontal | PK       | 359       | PASS    |
| 5   | 8813.8726       | -63.71        | -48.65      | 15.1        | -40.0       | 8.7         | Horizontal | PK       | 334       | PASS    |
| 6   | 16386.6555      | -69.33        | -43.77      | 25.6        | -40.0       | 3.8         | Horizontal | PK       | 334       | PASS    |

H\_LTE\_B30\_HIGH\_5M\_30M-18G