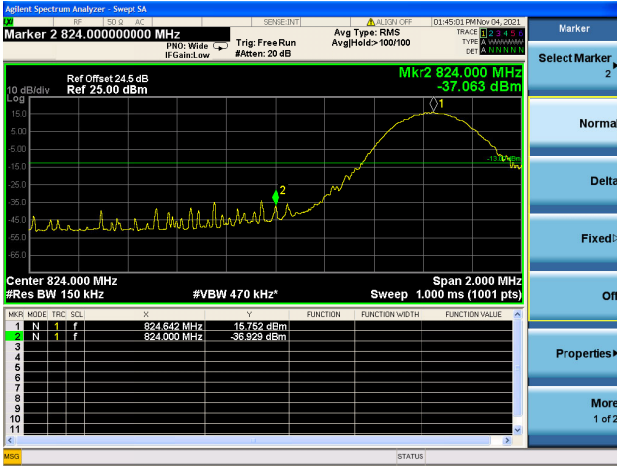




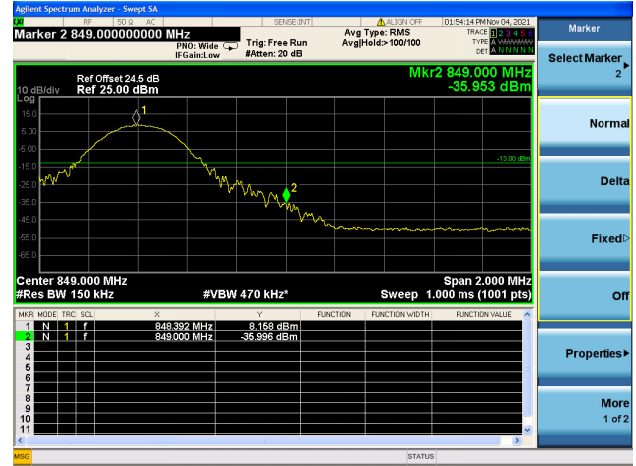
LTE Band 5B

Channel Bandwidth: 5MHz+10MHz

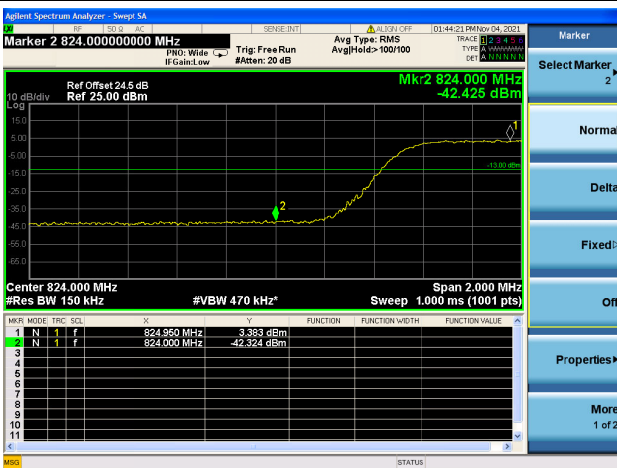
Low 1RB



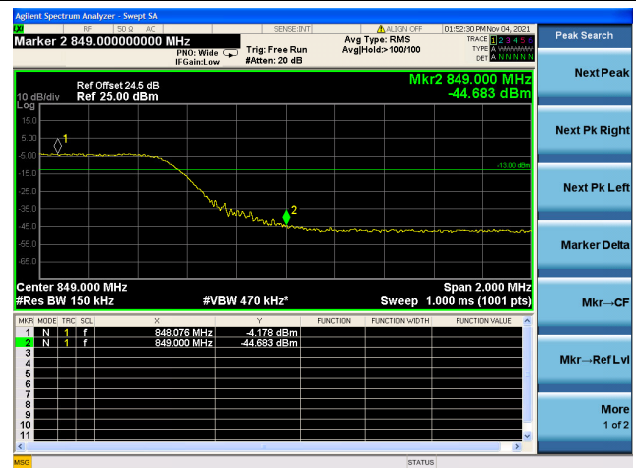
High 1RB



Low FULL RB



High FULL RB

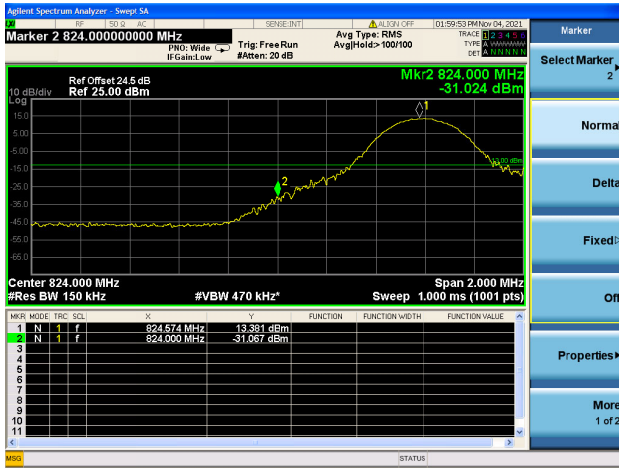




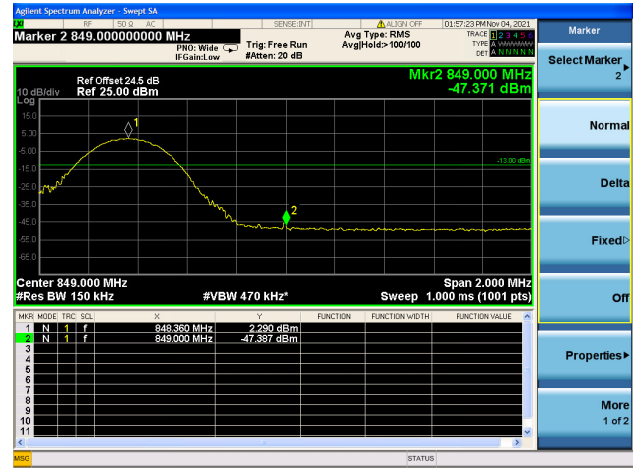
LTE Band 5B

Channel Bandwidth: 10MHz+5MHz

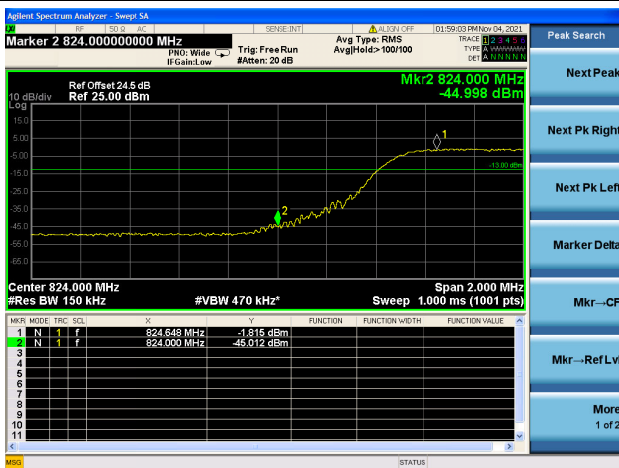
Low 1RB



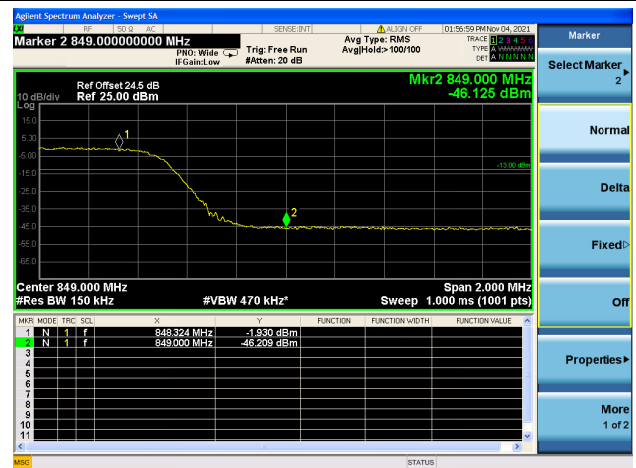
High 1RB



Low FULL RB



High FULL RB





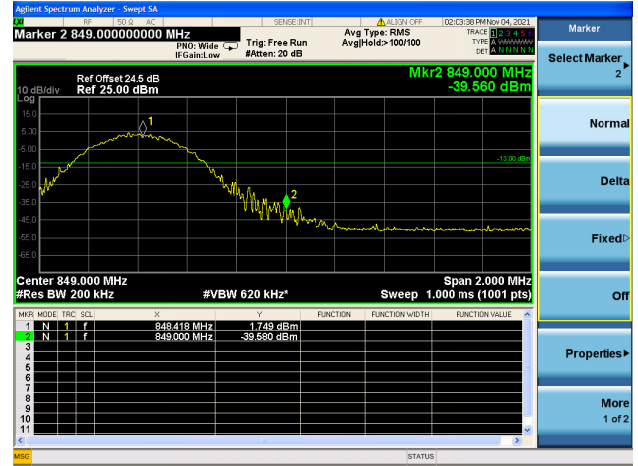
LTE Band 5B

Channel Bandwidth: 10MHz+10MHz

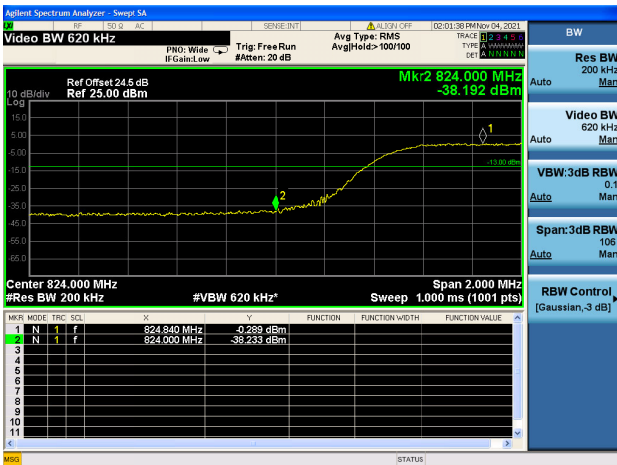
Low 1RB



High 1RB



Low FULL RB



High FULL RB

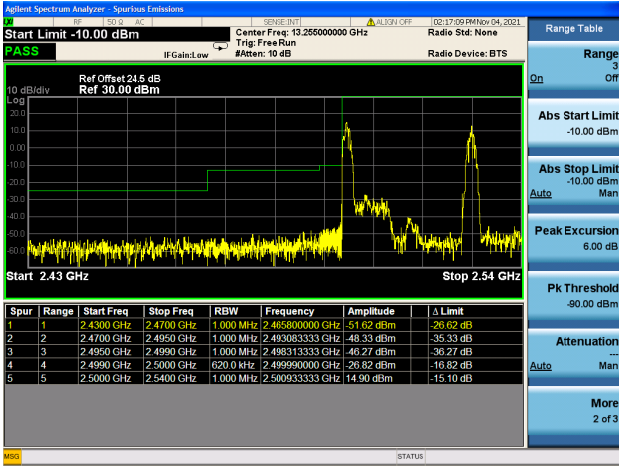




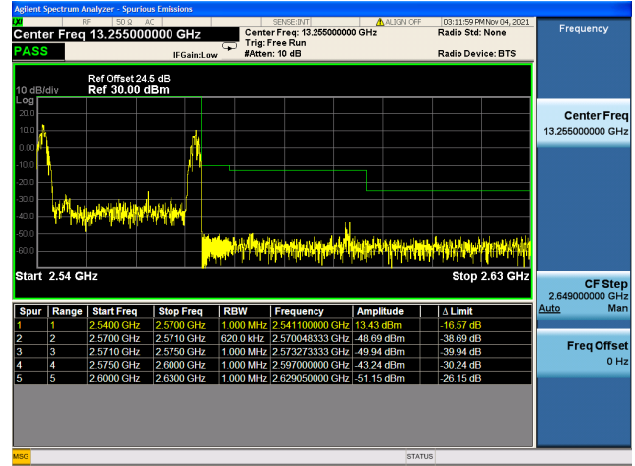
LTE Band 7C

Channel Bandwidth: 10MHz+20MHz

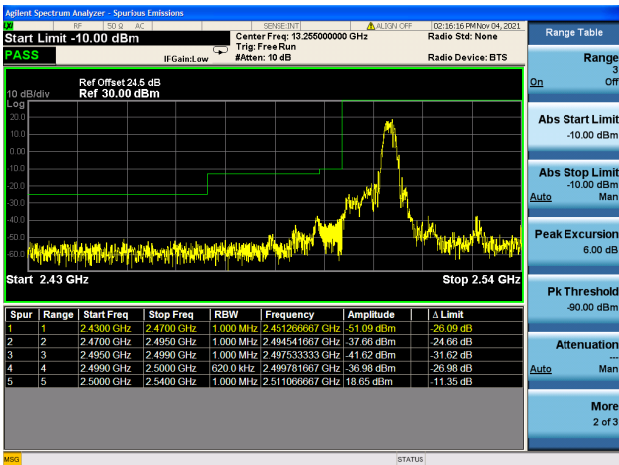
Low 1RB0 and 1RB99



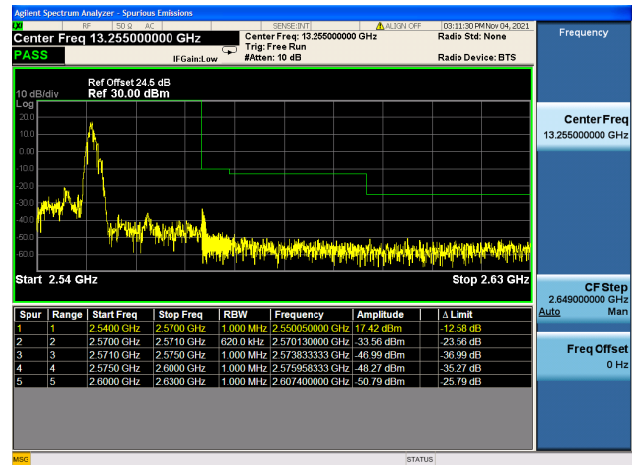
High 1RB0 and 1RB99



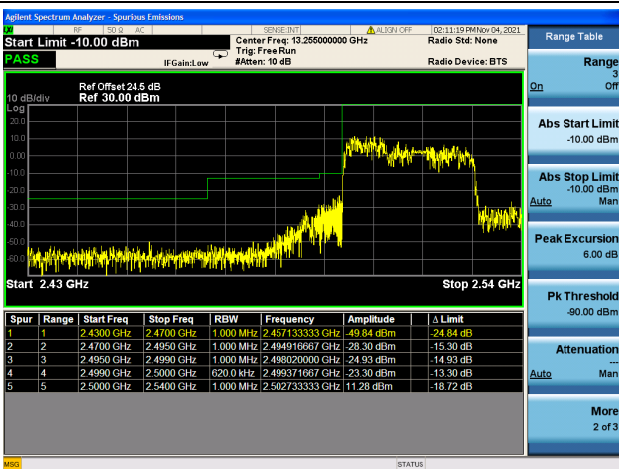
Low 1RB49 and 1RB0



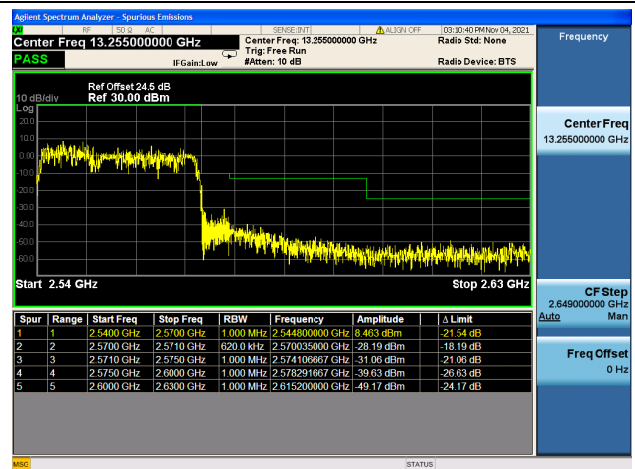
High 1RB49 and 1RB0



Low FULL RB



High FULL RB

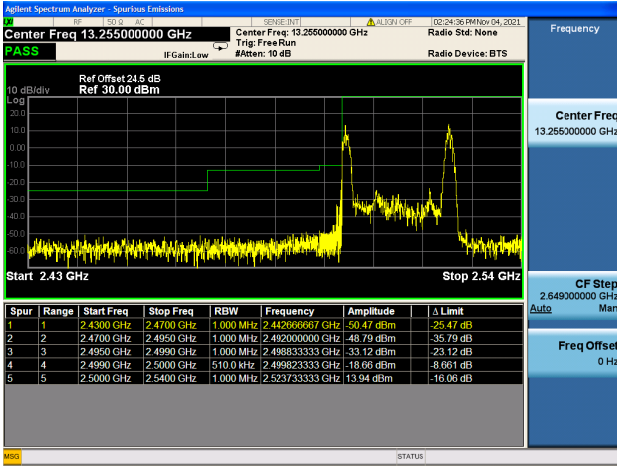




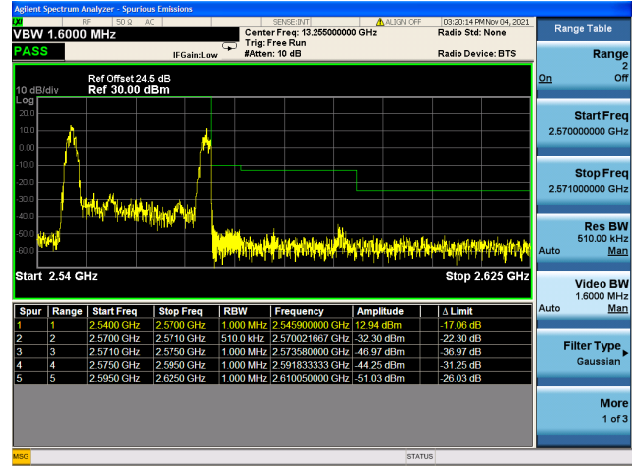
LTE Band 7C

Channel Bandwidth: 15MHz+10MHz

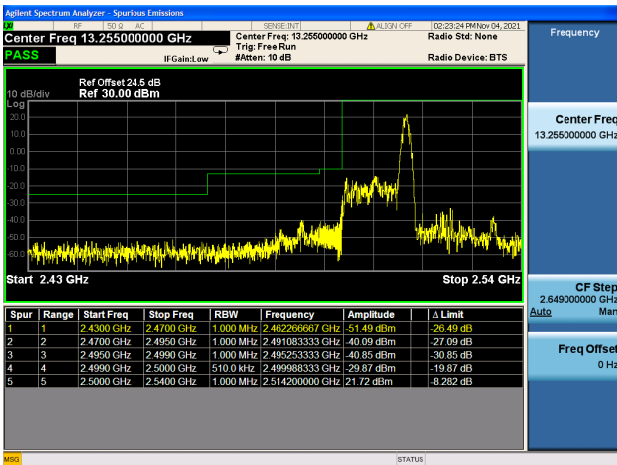
Low 1RB0 and 1RB74



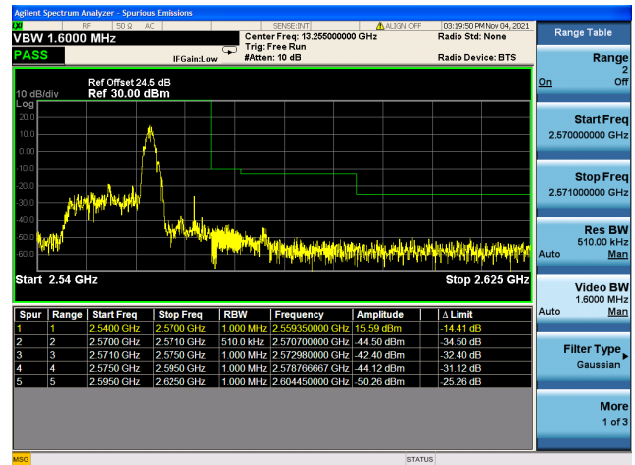
High 1RB0 and 1RB74



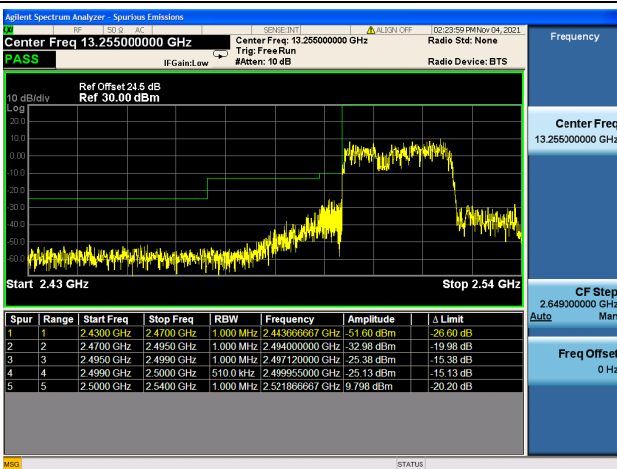
Low 1RB49 and 1RB0



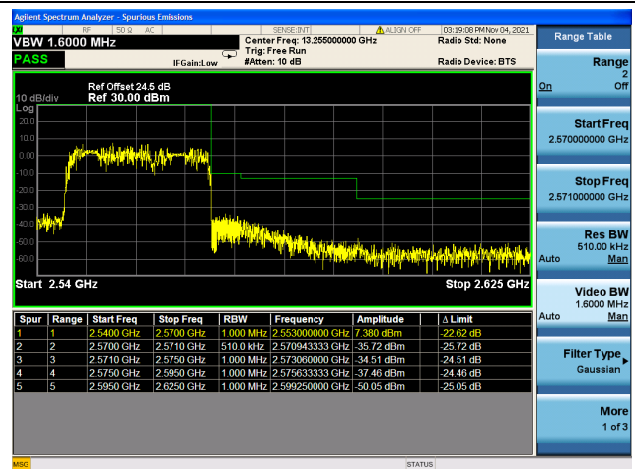
High 1RB49 and 1RB0



Low FULL RB



High FULL RB



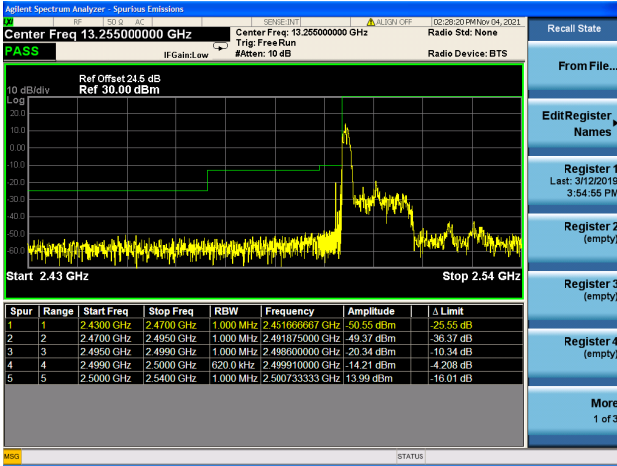




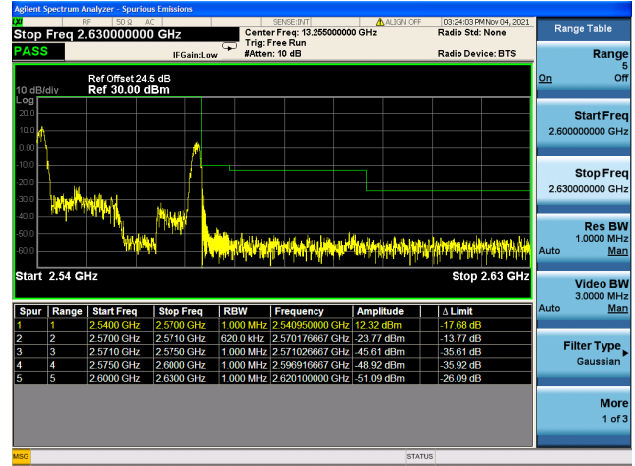
LTE Band 7C

Channel Bandwidth: 15MHz+15MHz

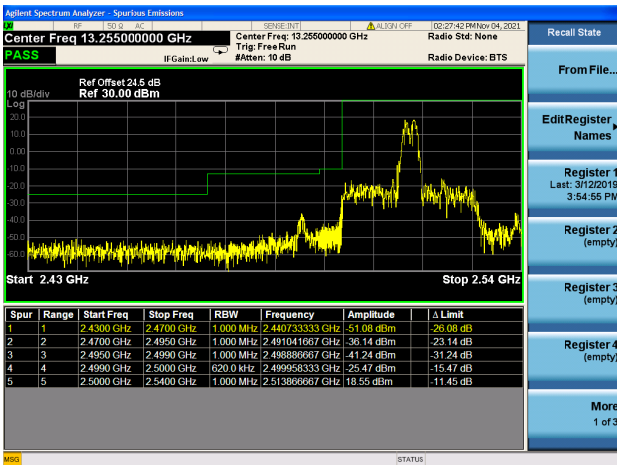
Low 1RB0 and 1RB74



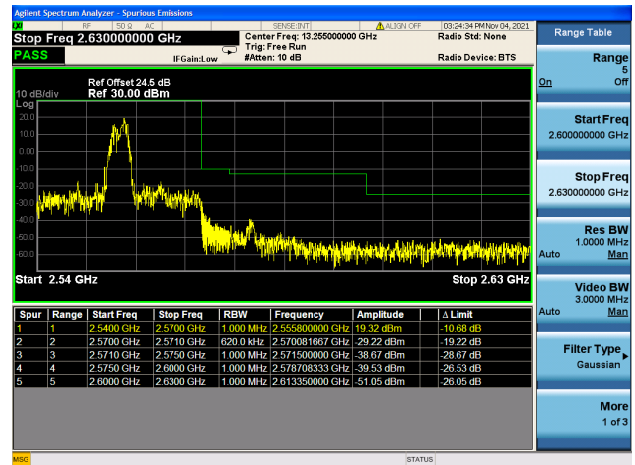
High 1RB0 and 1RB74



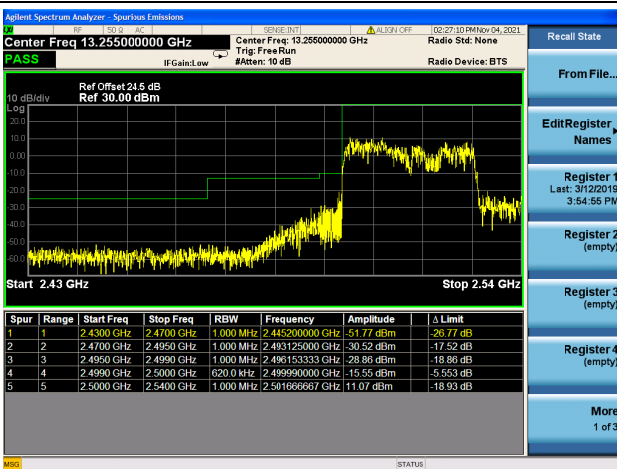
Low 1RB74 and 1RB0



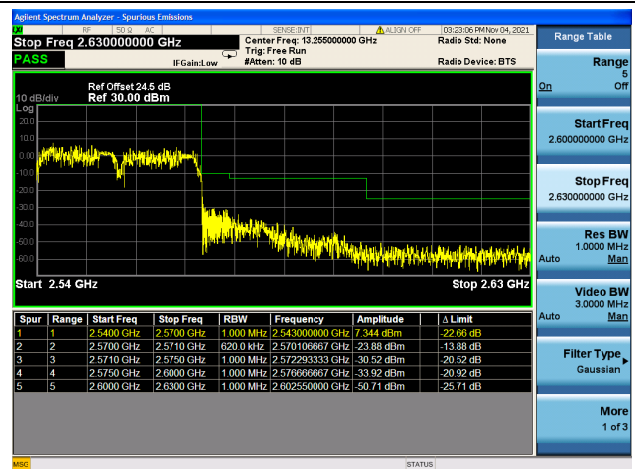
High 1RB74 and 1RB0



Low FULL RB



High FULL RB

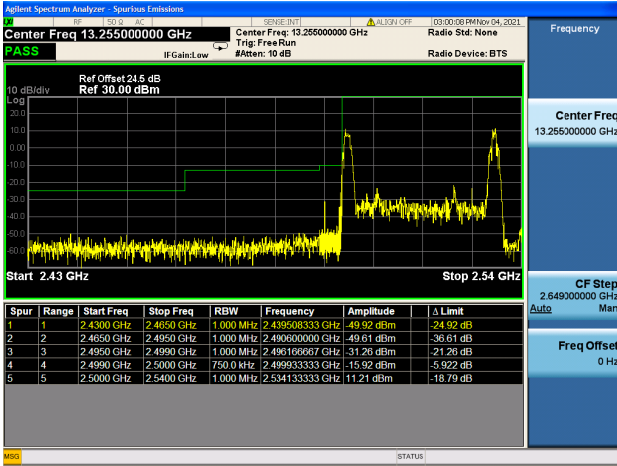




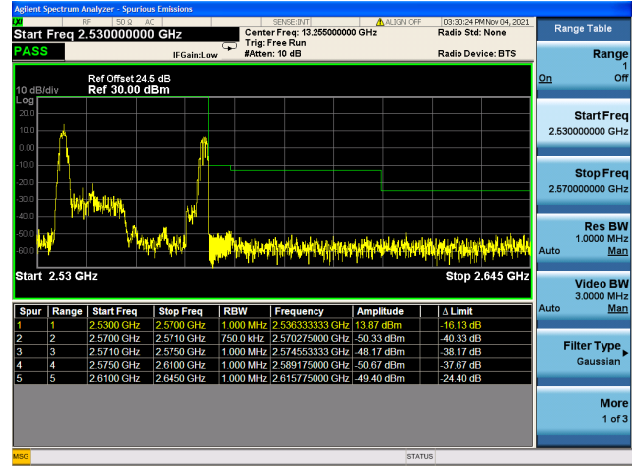
LTE Band 7C

Channel Bandwidth: 15MHz+20MHz

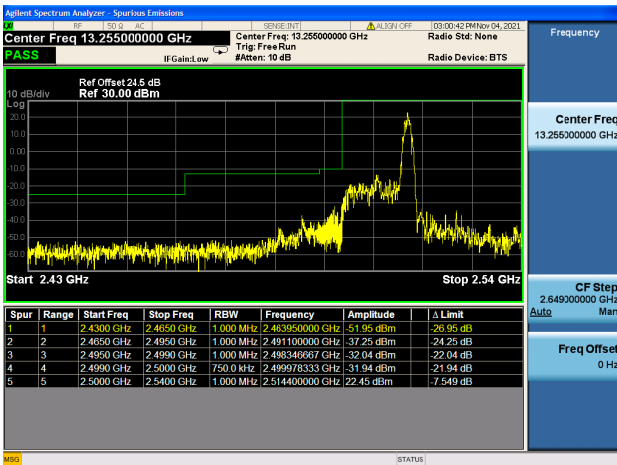
Low 1RB0 and 1RB99



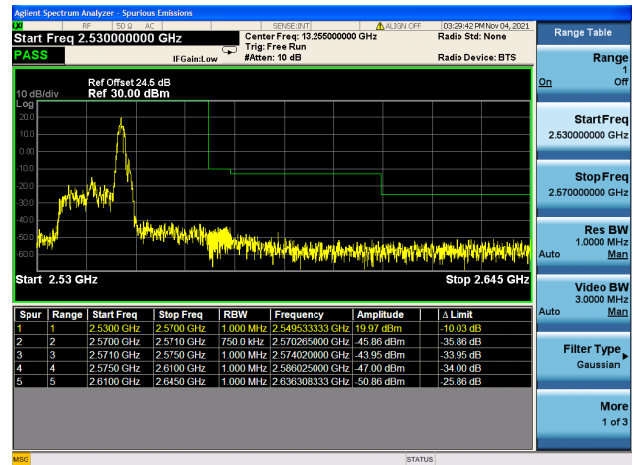
High 1RB0 and 1RB99



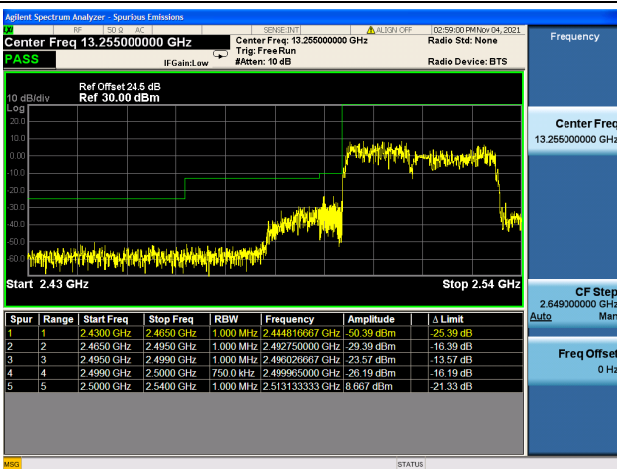
Low 1RB74 and 1RB0



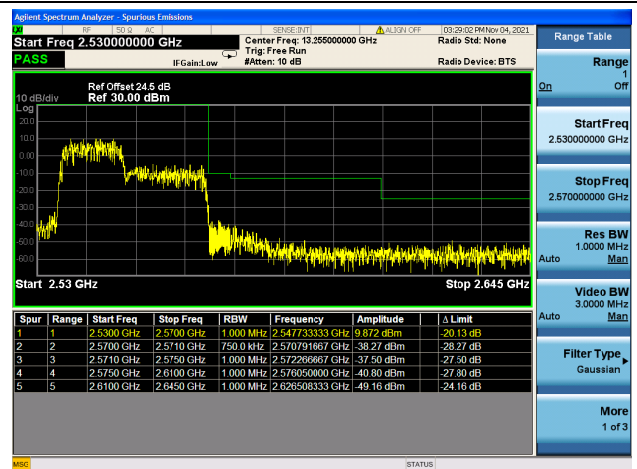
Low 1RB74 and 1RB0



Low FULL RB



High FULL RB

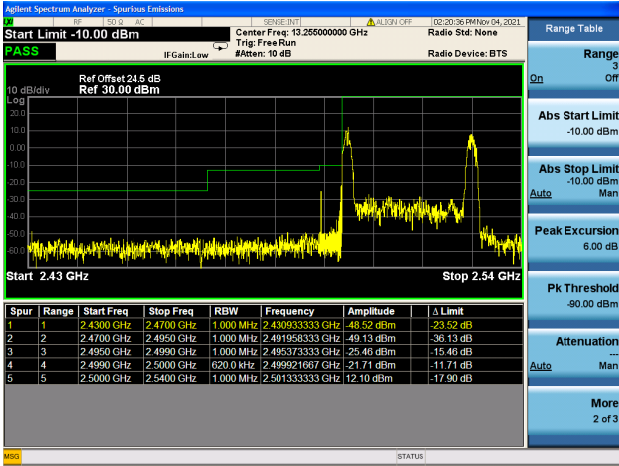




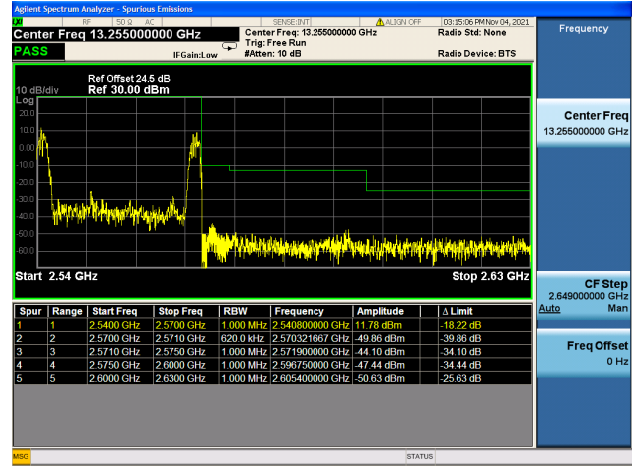
LTE Band 7C

Channel Bandwidth: 20MHz+10MHz

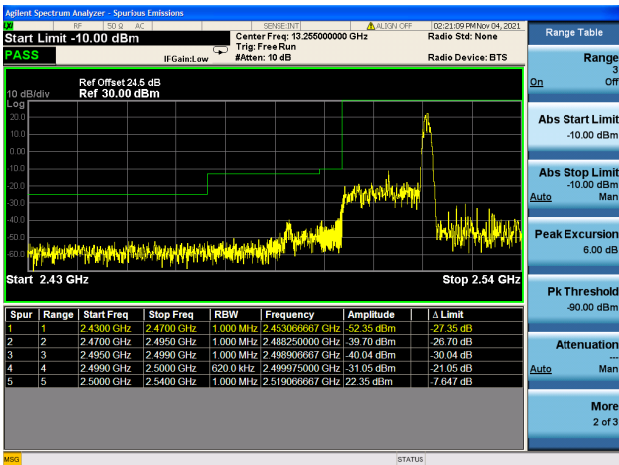
Low 1RB0 and 1RB49



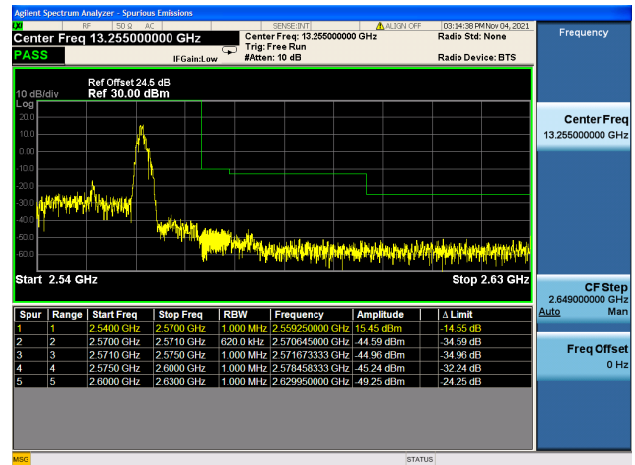
High 1RB0 and 1RB49



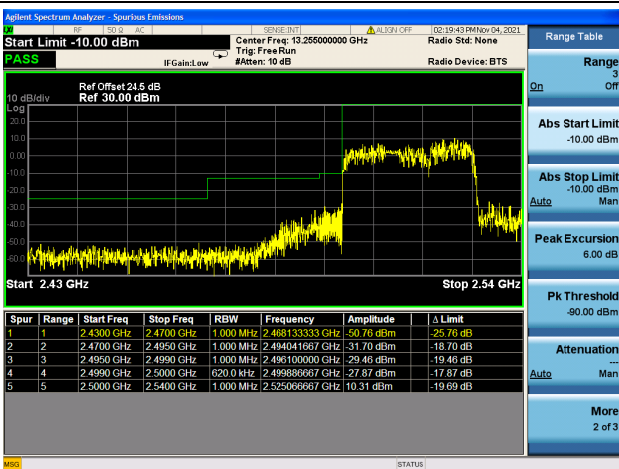
Low 1RB99 and 1RB0



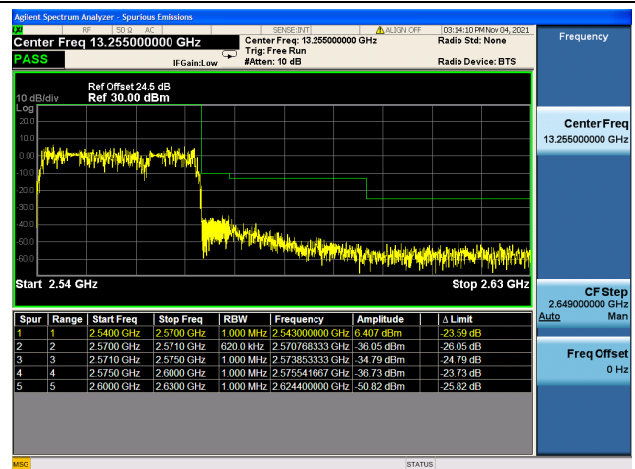
High 1RB99 and 1RB0



Low FULL RB



High FULL RB



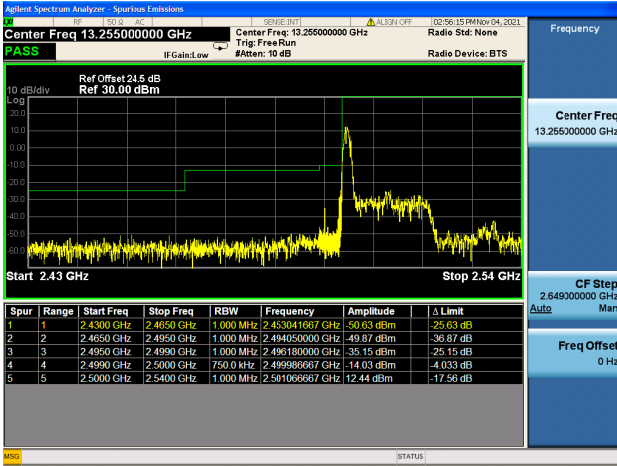




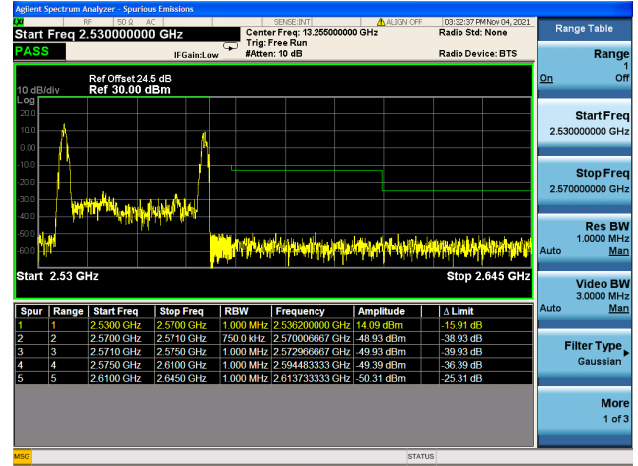
LTE Band 7C

Channel Bandwidth: 20MHz+15MHz

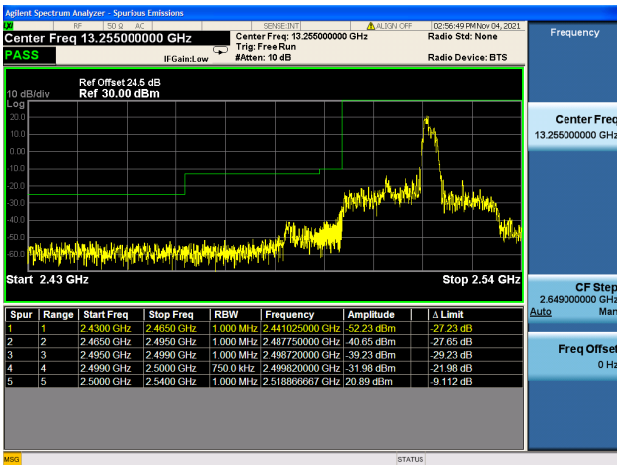
Low 1RB0 and 1RB74



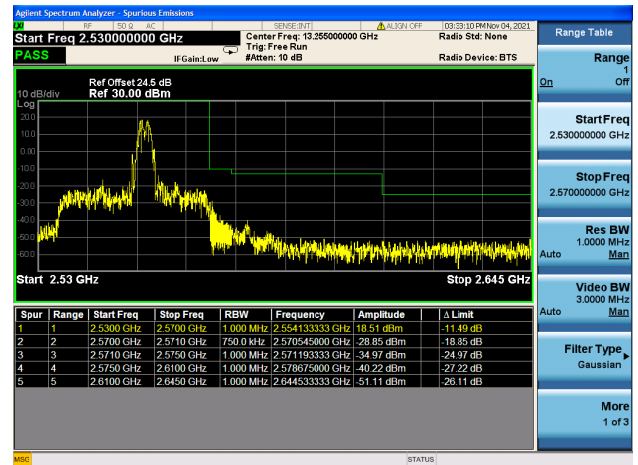
High 1RB0 and 1RB74



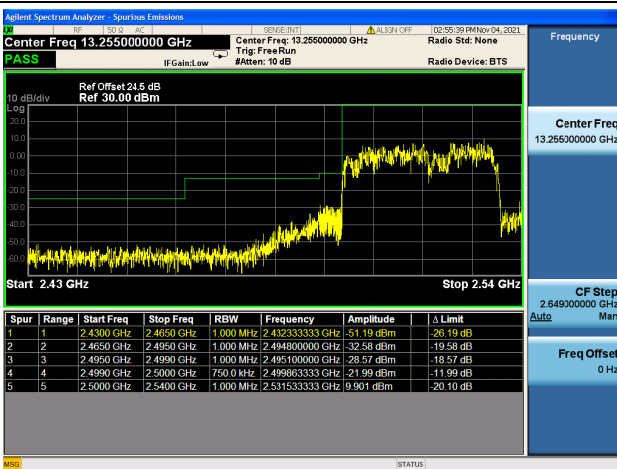
Low 1RB99 and 1RB0



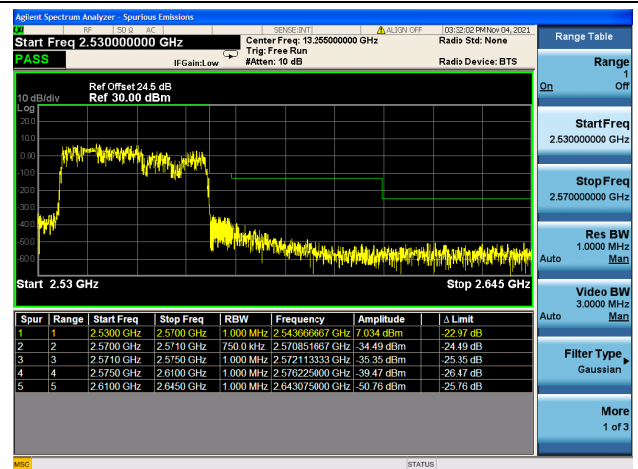
High 1RB99 and 1RB0



Low FULL RB



High FULL RB

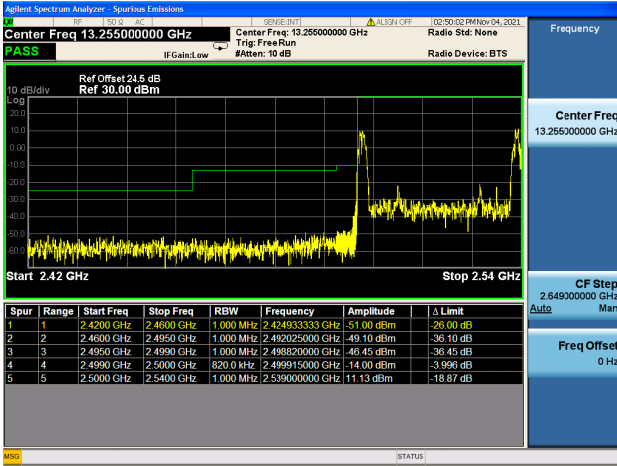




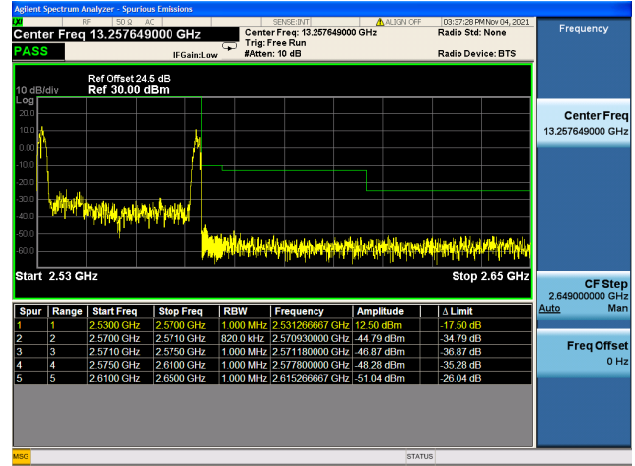
LTE Band 7C

Channel Bandwidth: 20MHz+20MHz

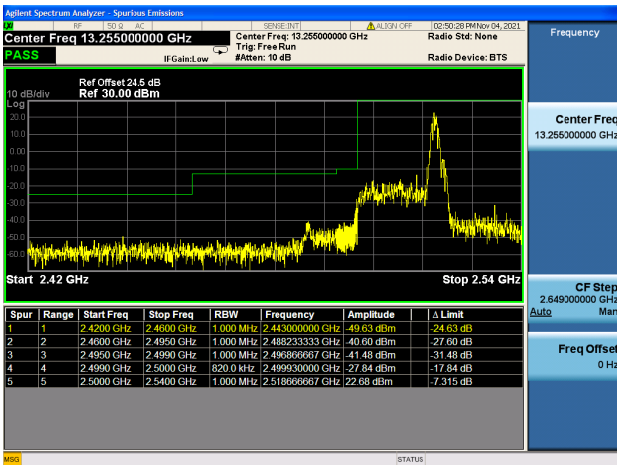
Low 1RB0 and 1RB99



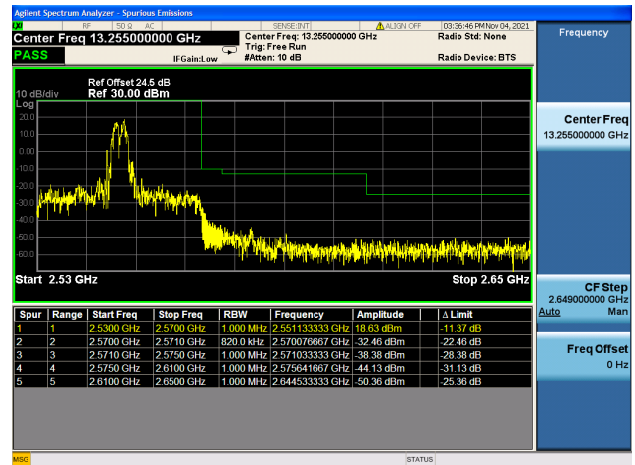
High 1RB0 and 1RB99



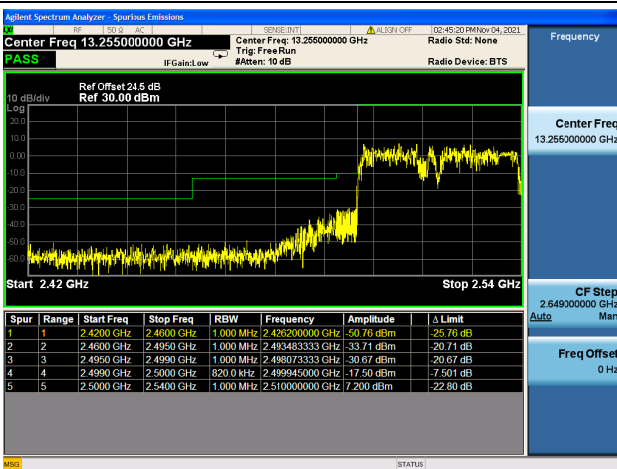
Low 1RB99 and 1RB0



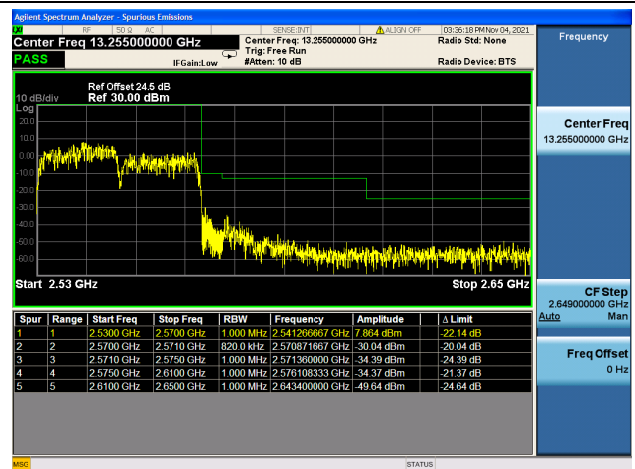
High 1RB99 and 1RB0



Low FULL RB



High FULL RB

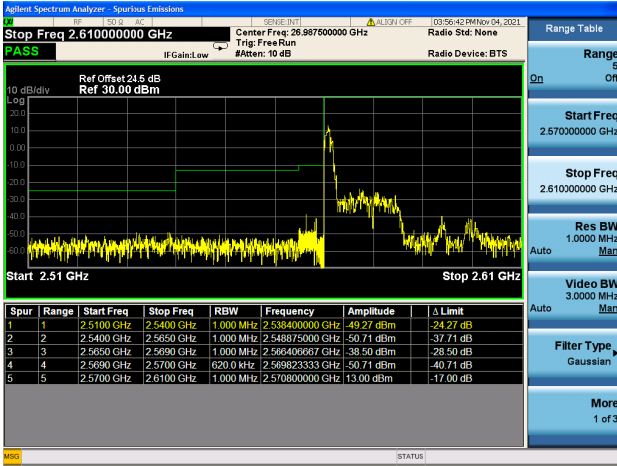




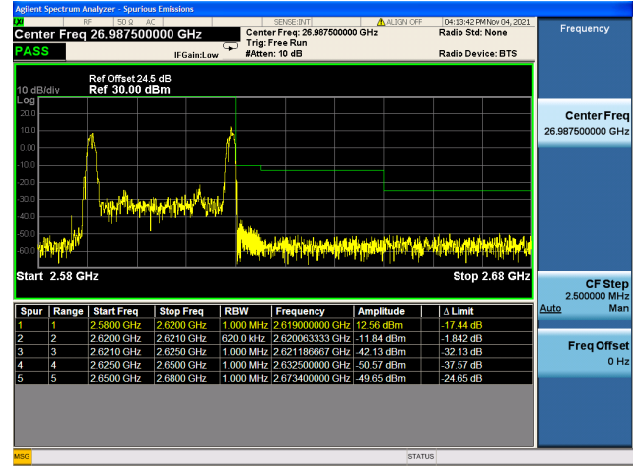
LTE Band 38C

Channel Bandwidth: 15MHz+15MHz

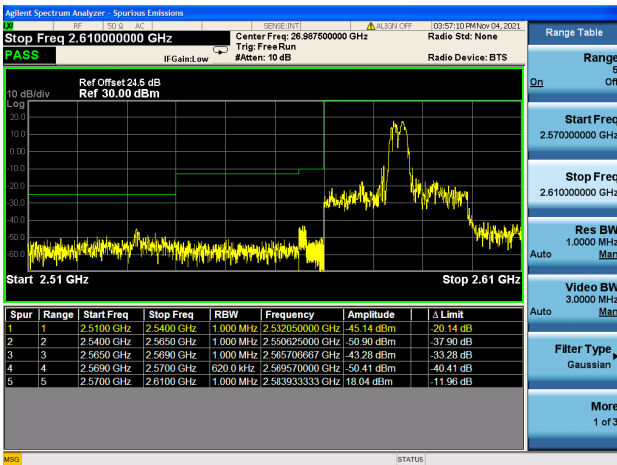
Low 1RB0 and 1RB74



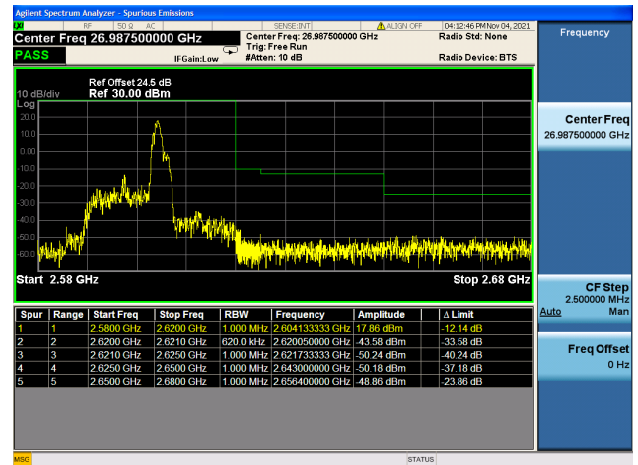
High 1RB0 and 1RB74



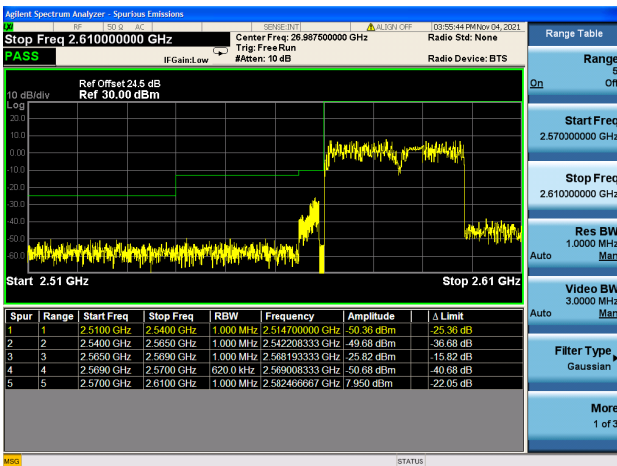
Low 1RB74 and 1RB0



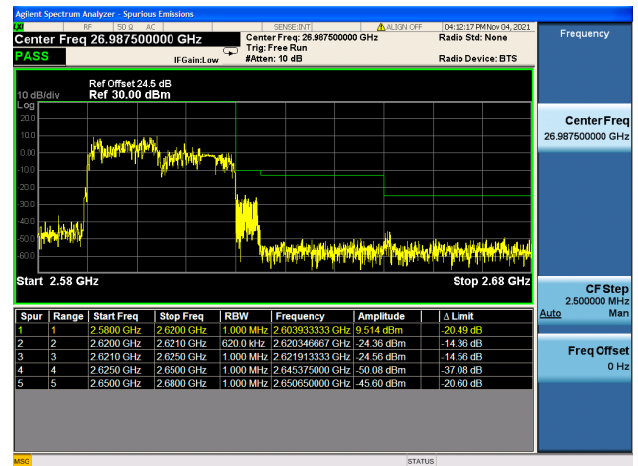
High 1RB74 and 1RB0



Low FULL RB



High FULL RB

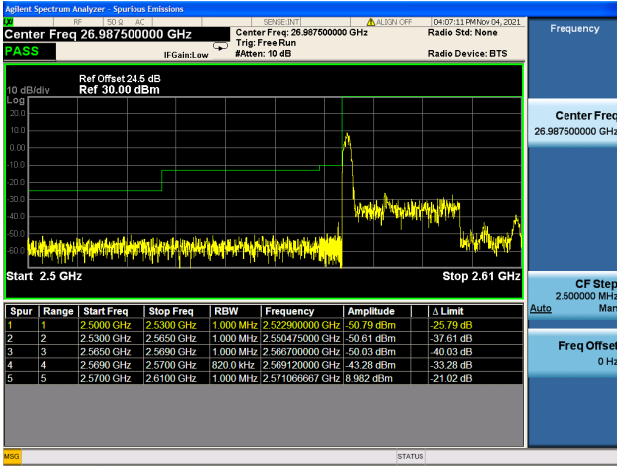




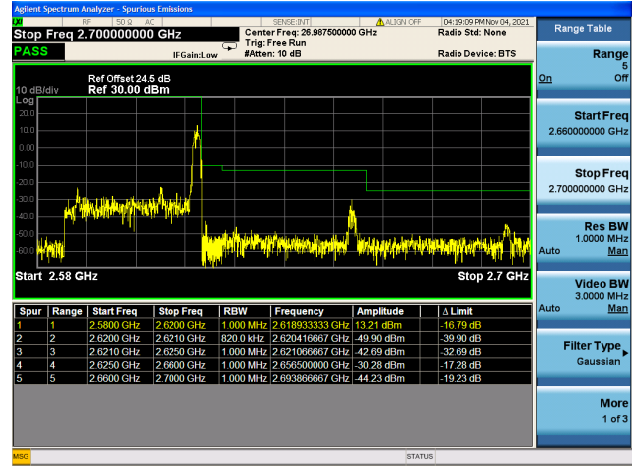
LTE Band 38C

Channel Bandwidth: 20MHz+20MHz

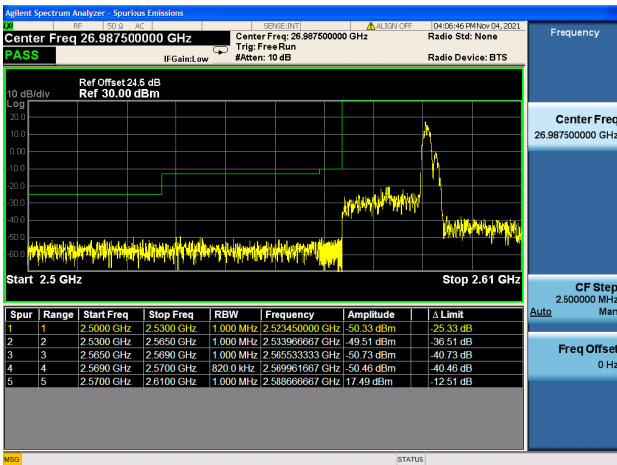
Low 1RB0 and 1RB99



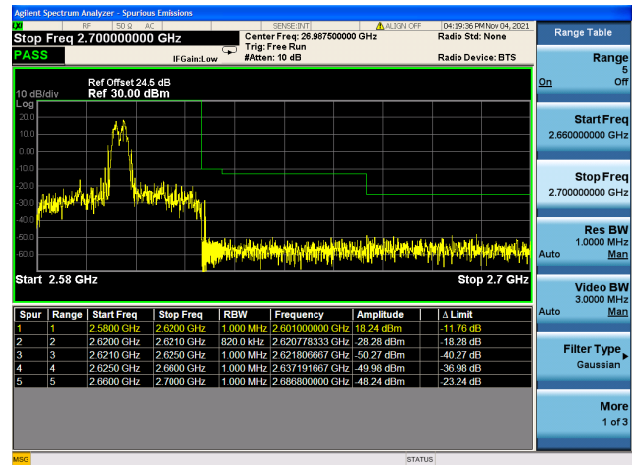
High 1RB0 and 1RB99



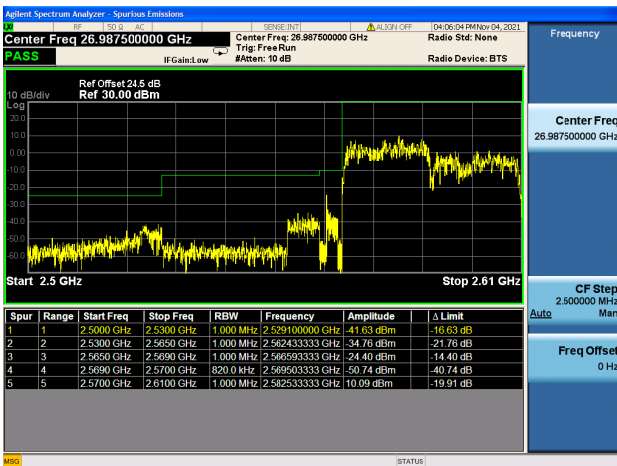
Low 1RB99 and 1RB0



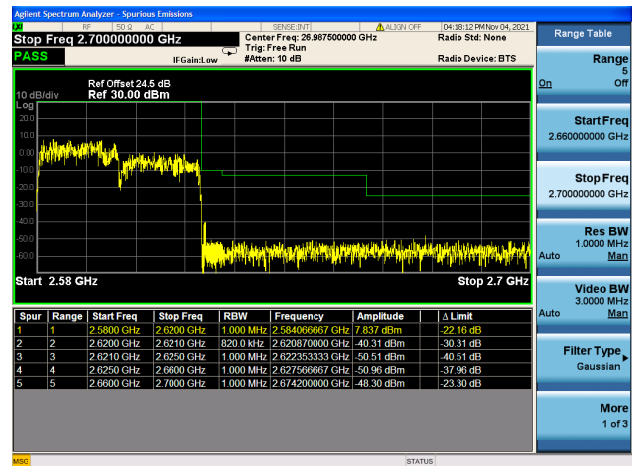
High 1RB99 and 1RB0



Low FULL RB



High FULL RB



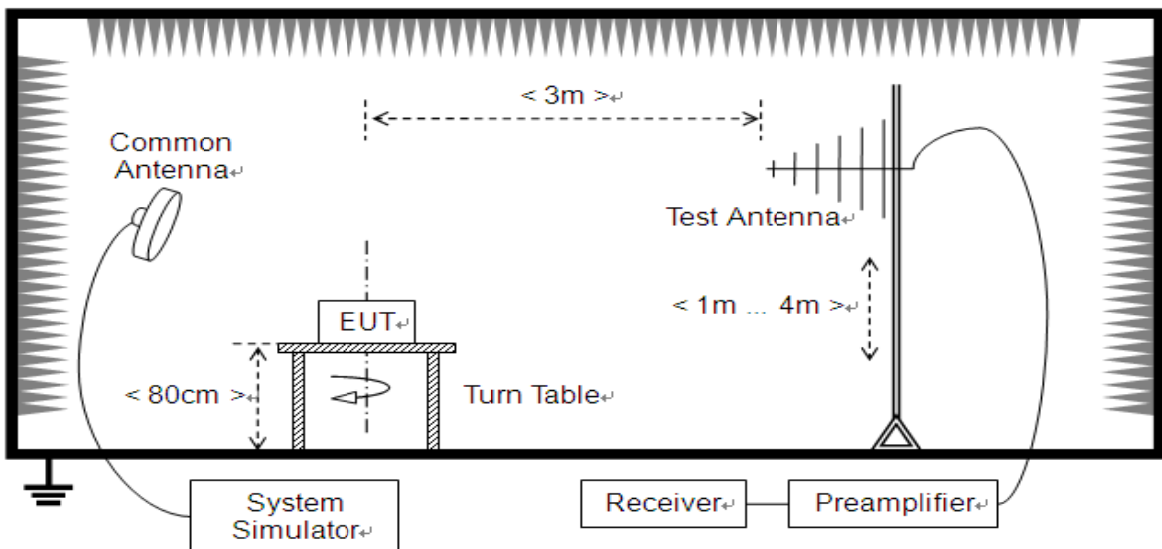


## 2.5. Radiated Spurious Emissions

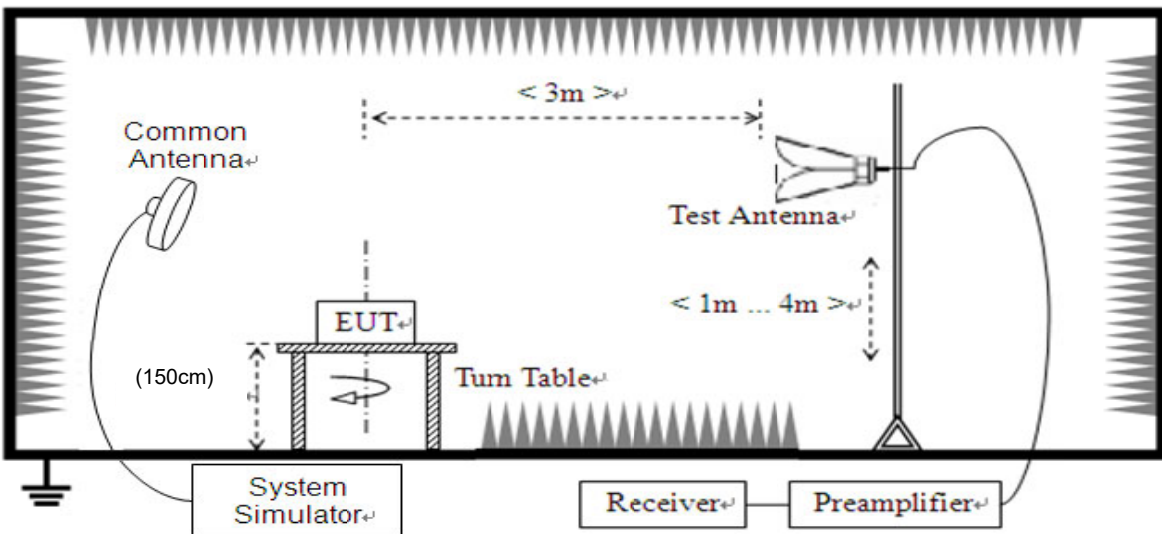
### 2.5.1. Requirement

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 -13 dBm.

### 2.5.2. Test Description



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



(For the test frequency above 1 GHz)





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 30 MHz, Bi-Log Test Antenna (30 MHz to 1 GHz) and Horn Test Antenna (above 1 GHz) 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.

### 2.5.3. Test procedure

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



#### 2.5.4. Test Result

The measurement frequency range is from 30 MHz to the 10th harmonic of the fundamental frequency. Test Antenna height is varied from 1m to 4m above the ground, and the Turn Table is actuated to turn from 0° to 360°, both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

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

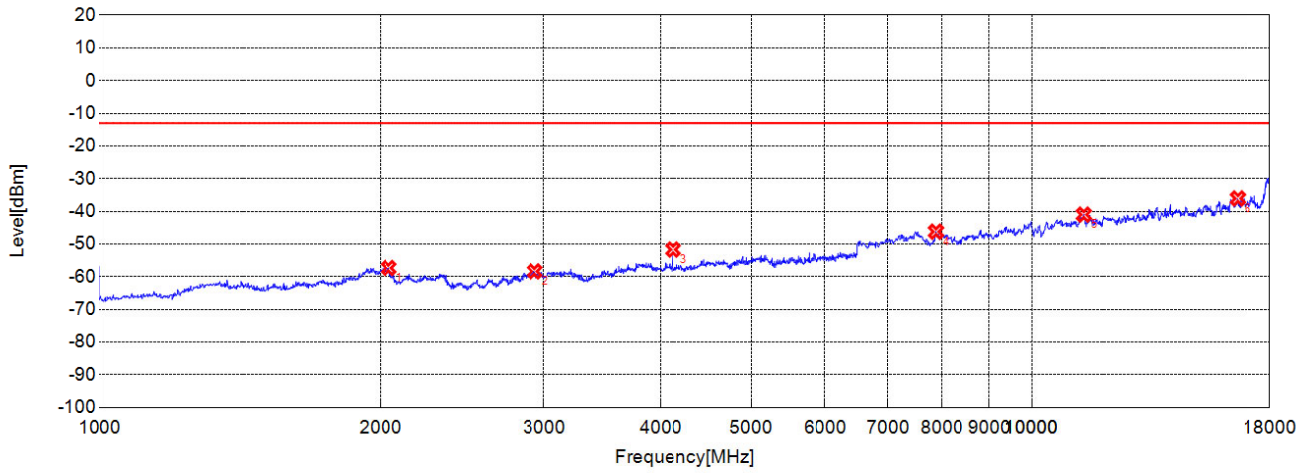
During the test, the data of  $A_{\text{TOT}}$  was added in the Test Spectrum Analyze, so Spectrum Analyze reading is the final values which contain the data of  $A_{\text{TOT}}$ .

**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 test channel were considered and evaluated respectively by performing full test for each band, only the worst cases were recorded in this test report.

### Test Graph

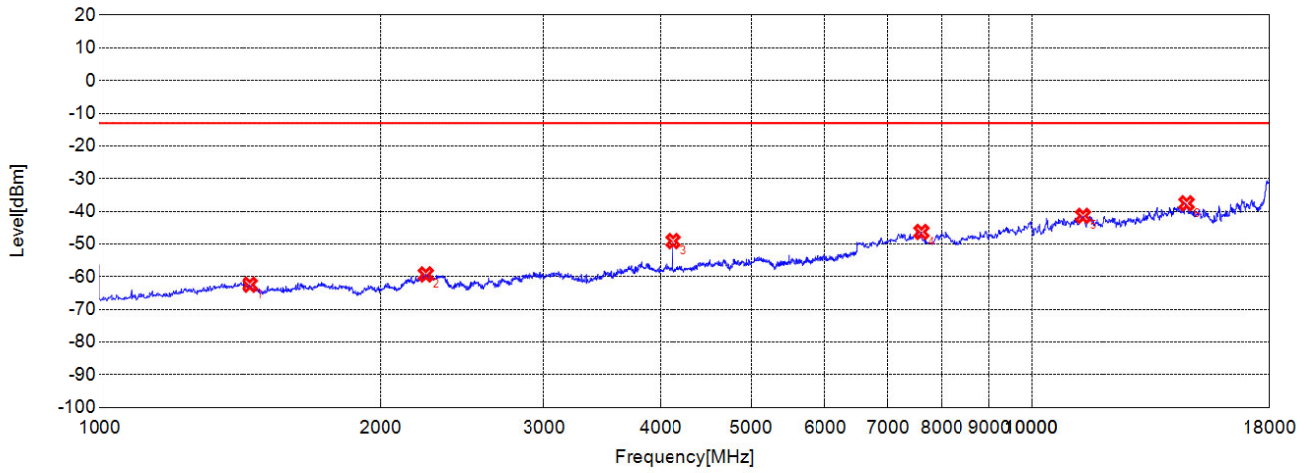


○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |            |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|------------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol.  |
| 1              | 2041.0410   | -57.34      | -13.00      | 44.34       | -5.93       | -46.64    | 40.71    |           |          | Horizontal |
| 2              | 2931.9320   | -58.38      | -13.00      | 45.38       | -8.93       | -47.69    | 38.76    |           |          | Horizontal |
| 3              | 4124.6250   | -51.7       | -13.00      | 38.70       | -7.08       | -46.98    | 39.90    |           |          | Horizontal |
| 4              | 7881.3810   | -46.22      | -13.00      | 33.22       | 10.30       | -35.04    | 45.34    |           |          | Horizontal |
| 5              | 11369.3690  | -41.01      | -13.00      | 28.01       | 15.93       | -33.36    | 49.29    |           |          | Horizontal |
| 6              | 16630.1300  | -36.07      | -13.00      | 23.07       | 24.06       | -27.63    | 51.69    |           |          | Horizontal |

CA\_5B Low 10M QPSK PCC RB 1 0 SCC RB 0 0 1-18G H

### Test Graph

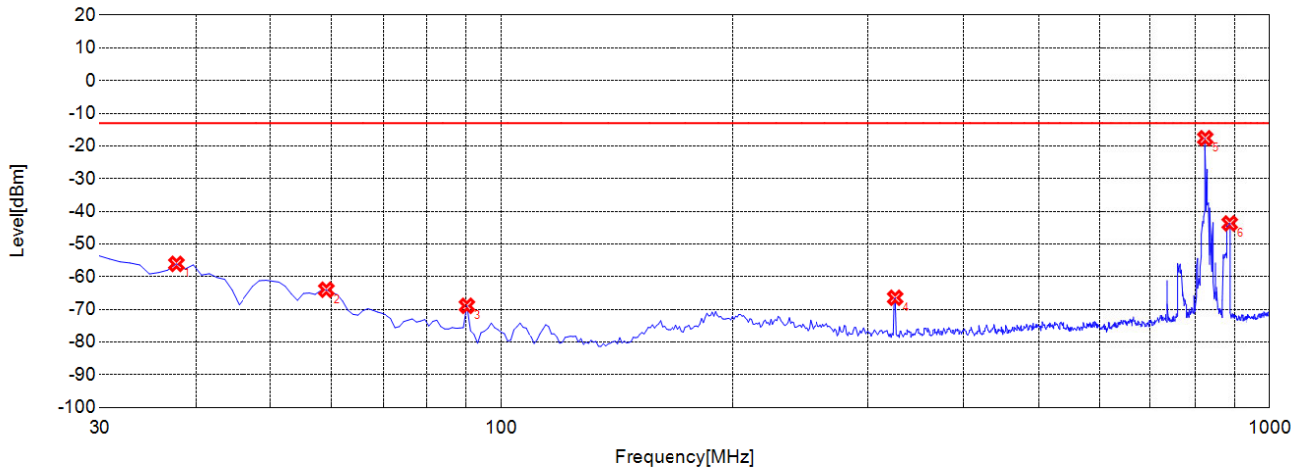


○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |           |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|-----------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol. |
| 1              | 1450.4500   | -62.44      | -13.00      | 49.44       | -9.10       | -45.42    | 36.32    |           |          | Vertical  |
| 2              | 2239.2390   | -59.3       | -13.00      | 46.30       | -7.86       | -47.18    | 39.32    |           |          | Vertical  |
| 3              | 4124.6250   | -49.11      | -13.00      | 36.11       | -7.46       | -46.98    | 39.52    |           |          | Vertical  |
| 4              | 7605.1050   | -46.31      | -13.00      | 33.31       | 9.84        | -35.32    | 45.16    |           |          | Vertical  |
| 5              | 11346.3460  | -41.39      | -13.00      | 28.39       | 15.68       | -33.42    | 49.10    |           |          | Vertical  |
| 6              | 14661.6620  | -37.55      | -13.00      | 24.55       | 23.10       | -27.37    | 50.47    |           |          | Vertical  |

CA\_5B Low 10M QPSK PCC RB 1 0 SCC RB 0 0 1-18G V

### Test Graph



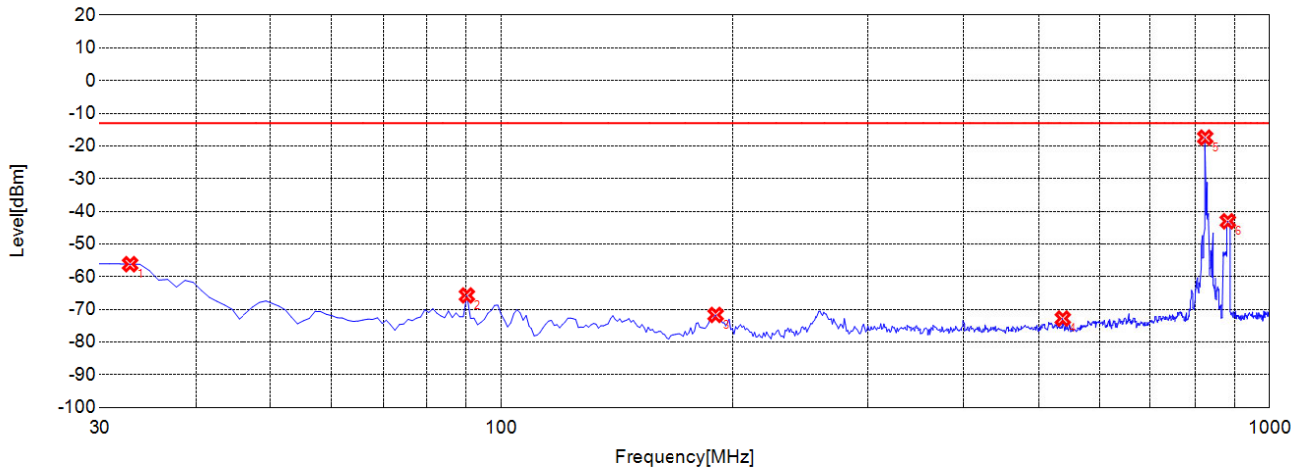
○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |            |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|------------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol.  |
| 1              | 37.7680     | -56.08      | -13.00      | 43.08       | -8.07       | -39.56    | 31.49    |           |          | Horizontal |
| 2              | 59.1290     | -63.99      | -13.00      | 50.99       | -10.59      | -39.48    | 28.89    |           |          | Horizontal |
| 3              | 90.2000     | -68.91      | -13.00      | 55.91       | -18.92      | -38.71    | 19.79    |           |          | Horizontal |
| 4              | 325.1750    | -66.45      | -13.00      | 53.45       | -12.49      | -37.02    | 24.53    |           |          | Horizontal |
| 5              | 824.2540    | -17.64      | -13.00      | 4.64        | -3.01       | -34.17    | 31.16    |           |          | NA         |
| 6              | 886.3960    | -43.7       | -13.00      | 30.70       | -2.06       | -34.00    | 31.94    |           |          | NA         |

CA\_5B Low 10M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G H



### Test Graph



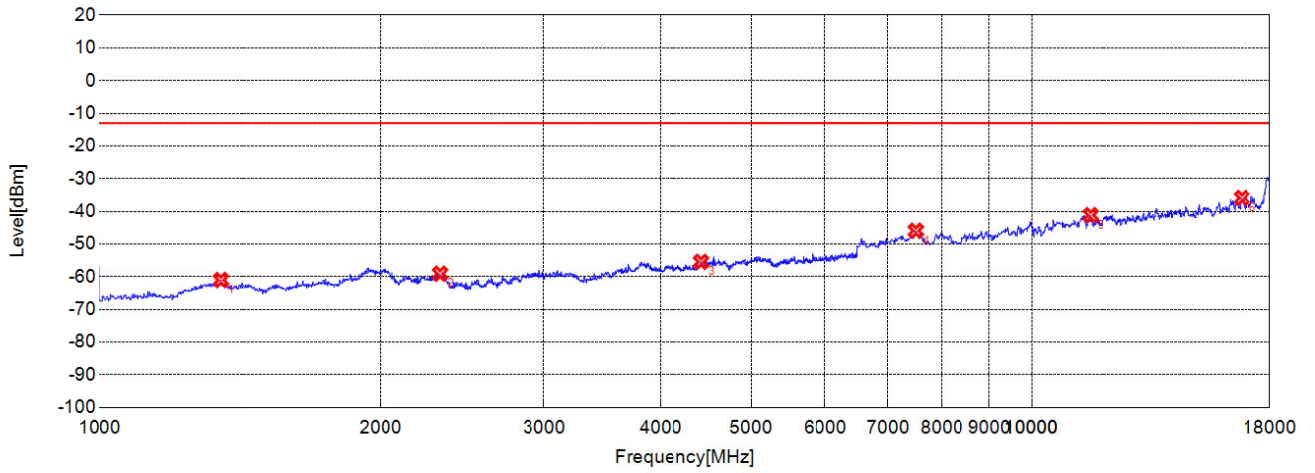
○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |           |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|-----------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol. |
| 1              | 32.9130     | -56.17      | -13.00      | 43.17       | -16.83      | -39.60    | 22.77    |           |          | Vertical  |
| 2              | 90.2000     | -65.74      | -13.00      | 52.74       | -16.50      | -38.71    | 22.21    |           |          | Vertical  |
| 3              | 190.2100    | -71.69      | -13.00      | 58.69       | -15.40      | -38.09    | 22.69    |           |          | Vertical  |
| 4              | 537.8180    | -72.8       | -13.00      | 59.80       | -6.88       | -34.92    | 28.04    |           |          | Vertical  |
| 5              | 824.2540    | -17.43      | -13.00      | 4.43        | -2.81       | -34.17    | 31.36    |           |          | NA        |
| 6              | 881.5420    | -43.05      | -13.00      | 30.05       | -1.51       | -34.01    | 32.50    |           |          | NA        |

CA\_5B Low 10M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G V



### Test Graph

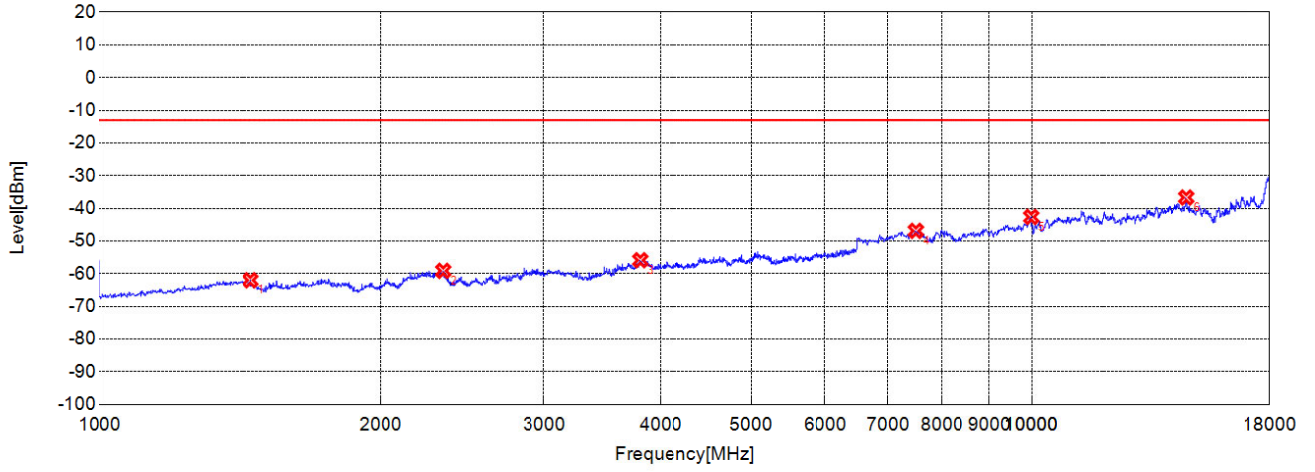


○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |            |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|------------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol.  |
| 1              | 1348.3480   | -61.02      | -13.00      | 48.02       | -7.97       | -45.27    | 37.30    |           |          | Horizontal |
| 2              | 2319.3190   | -59.08      | -13.00      | 46.08       | -7.48       | -46.39    | 38.91    |           |          | Horizontal |
| 3              | 4422.4220   | -55.46      | -13.00      | 42.46       | -5.56       | -45.75    | 40.19    |           |          | Horizontal |
| 4              | 7501.5020   | -45.93      | -13.00      | 32.93       | 10.71       | -35.48    | 46.19    |           |          | Horizontal |
| 5              | 11565.0650  | -41.16      | -13.00      | 28.16       | 16.34       | -33.50    | 49.84    |           |          | Horizontal |
| 6              | 16802.8030  | -35.91      | -13.00      | 22.91       | 25.30       | -26.30    | 51.60    |           |          | Horizontal |

CA\_5B High 10M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G H

### Test Graph

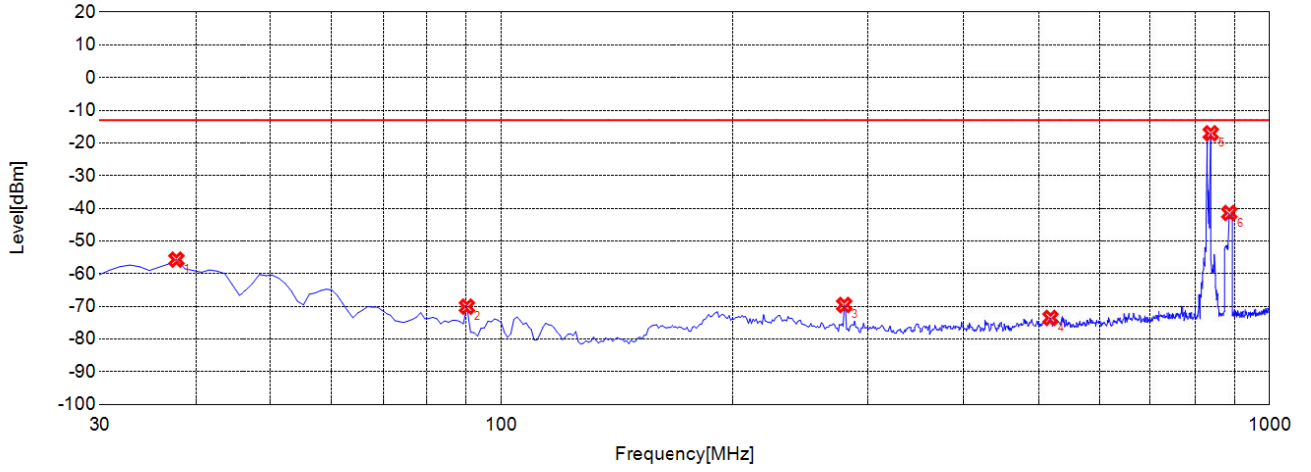


○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |           |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|-----------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol. |
| 1              | 1452.4520   | -62.01      | -13.00      | 49.01       | -9.16       | -45.44    | 36.28    |           |          | Vertical  |
| 2              | 2337.3370   | -59.13      | -13.00      | 46.13       | -8.18       | -46.49    | 38.31    |           |          | Vertical  |
| 3              | 3802.3020   | -55.88      | -13.00      | 42.88       | -6.93       | -46.00    | 39.07    |           |          | Vertical  |
| 4              | 7501.5020   | -46.9       | -13.00      | 33.90       | 10.30       | -35.48    | 45.78    |           |          | Vertical  |
| 5              | 9987.9880   | -42.64      | -13.00      | 29.64       | 14.10       | -34.38    | 48.48    |           |          | Vertical  |
| 6              | 14650.1500  | -36.69      | -13.00      | 23.69       | 23.28       | -27.14    | 50.42    |           |          | Vertical  |

CA\_5B High 10M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G V

### Test Graph

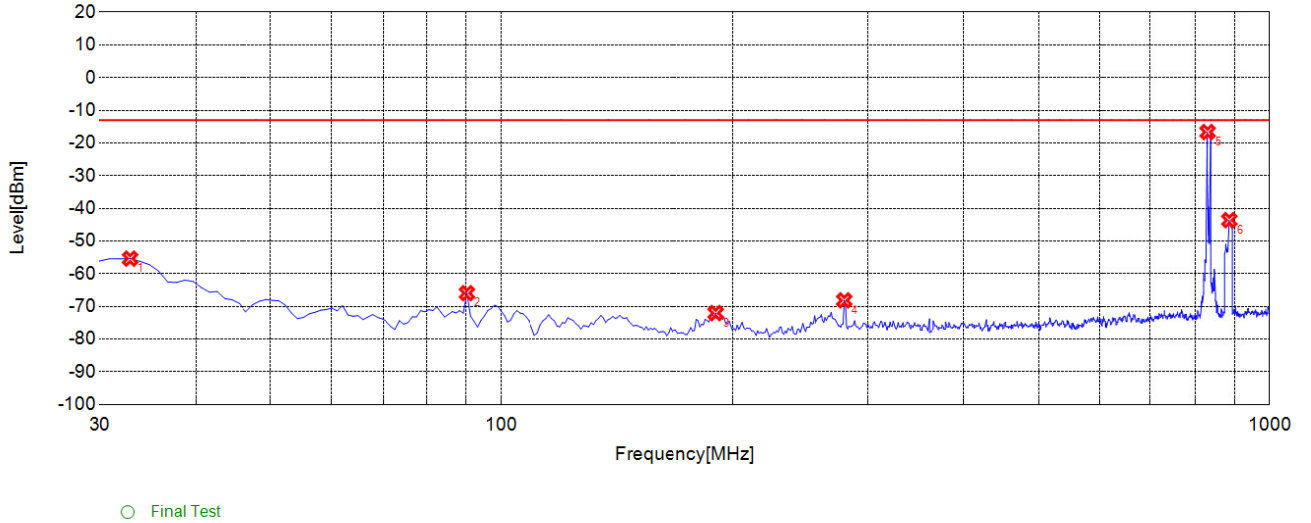


○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |            |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|------------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol.  |
| 1              | 37.7680     | -55.69      | -13.00      | 42.69       | -8.07       | -39.56    | 31.49    |           |          | Horizontal |
| 2              | 90.2000     | -70.08      | -13.00      | 57.08       | -18.92      | -38.71    | 19.79    |           |          | Horizontal |
| 3              | 279.5400    | -69.57      | -13.00      | 56.57       | -12.04      | -37.04    | 25.00    |           |          | Horizontal |
| 4              | 518.3980    | -73.53      | -13.00      | 60.53       | -6.83       | -35.10    | 28.27    |           |          | Horizontal |
| 5              | 837.8480    | -17.05      | -13.00      | 4.05        | -2.56       | -34.13    | 31.57    |           |          | NA         |
| 6              | 885.4250    | -41.43      | -13.00      | 28.43       | -2.07       | -34.00    | 31.93    |           |          | NA         |

CA\_5B High 10M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G H

### Test Graph

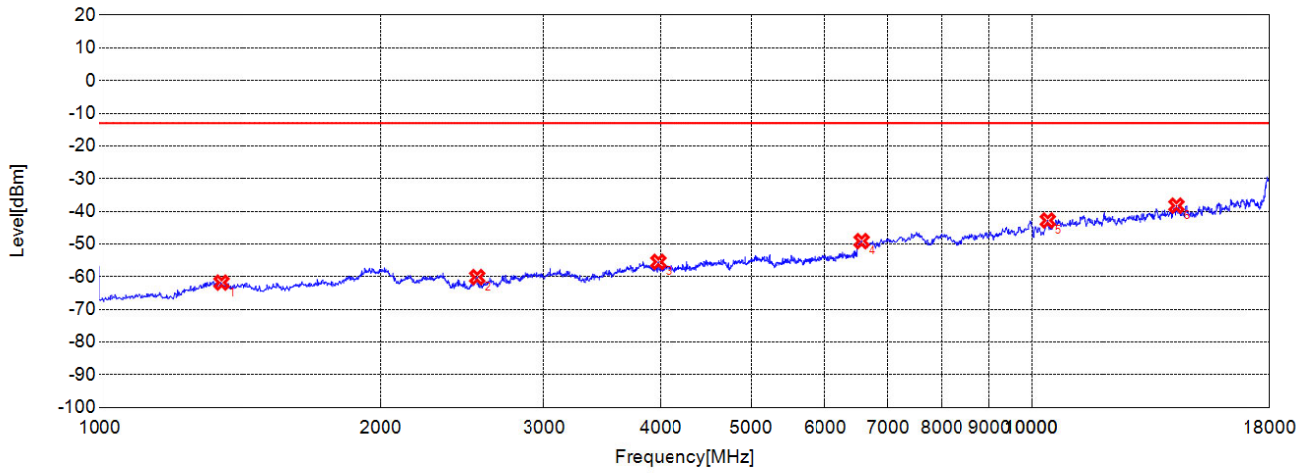


| Suspected List |             |             |             |             |             |           |          |           |          |           |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|-----------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol. |
| 1              | 32.9130     | -55.38      | -13.00      | 42.38       | -16.83      | -39.60    | 22.77    |           |          | Vertical  |
| 2              | 90.2000     | -65.96      | -13.00      | 52.96       | -16.50      | -38.71    | 22.21    |           |          | Vertical  |
| 3              | 190.2100    | -72.06      | -13.00      | 59.06       | -15.40      | -38.09    | 22.69    |           |          | Vertical  |
| 4              | 279.5400    | -68.15      | -13.00      | 55.15       | -12.54      | -37.04    | 24.50    |           |          | Vertical  |
| 5              | 830.0800    | -16.66      | -13.00      | 3.66        | -2.53       | -34.15    | 31.62    |           |          | NA        |
| 6              | 885.4250    | -43.61      | -13.00      | 30.61       | -1.36       | -34.00    | 32.64    |           |          | NA        |

CA\_5B High 10M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G V



### Test Graph

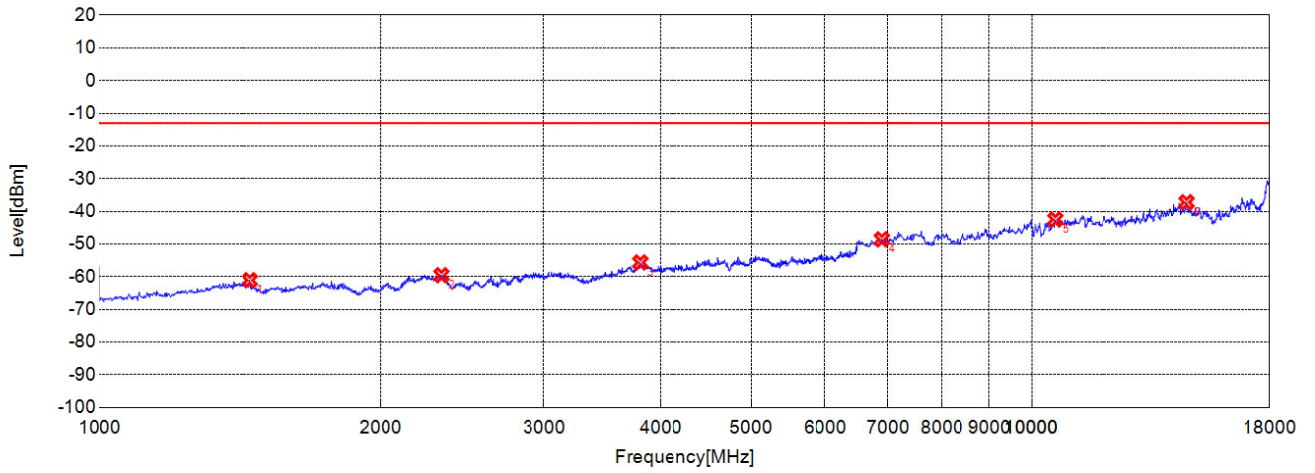


○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |            |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|------------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol.  |
| 1              | 1350.3500   | -61.8       | -13.00      | 48.80       | -7.99       | -45.27    | 37.28    |           |          | Horizontal |
| 2              | 2541.5420   | -60.13      | -13.00      | 47.13       | -10.72      | -47.50    | 36.78    |           |          | Horizontal |
| 3              | 3973.9740   | -55.46      | -13.00      | 42.46       | -7.68       | -47.34    | 39.66    |           |          | Horizontal |
| 4              | 6569.0690   | -49.12      | -13.00      | 36.12       | 4.21        | -39.12    | 43.33    |           |          | Horizontal |
| 5              | 10402.4020  | -42.8       | -13.00      | 29.80       | 15.11       | -34.42    | 49.53    |           |          | Horizontal |
| 6              | 14304.8050  | -38.26      | -13.00      | 25.26       | 21.77       | -28.37    | 50.14    |           |          | Horizontal |

CA\_5B Mid 10M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G H

### Test Graph

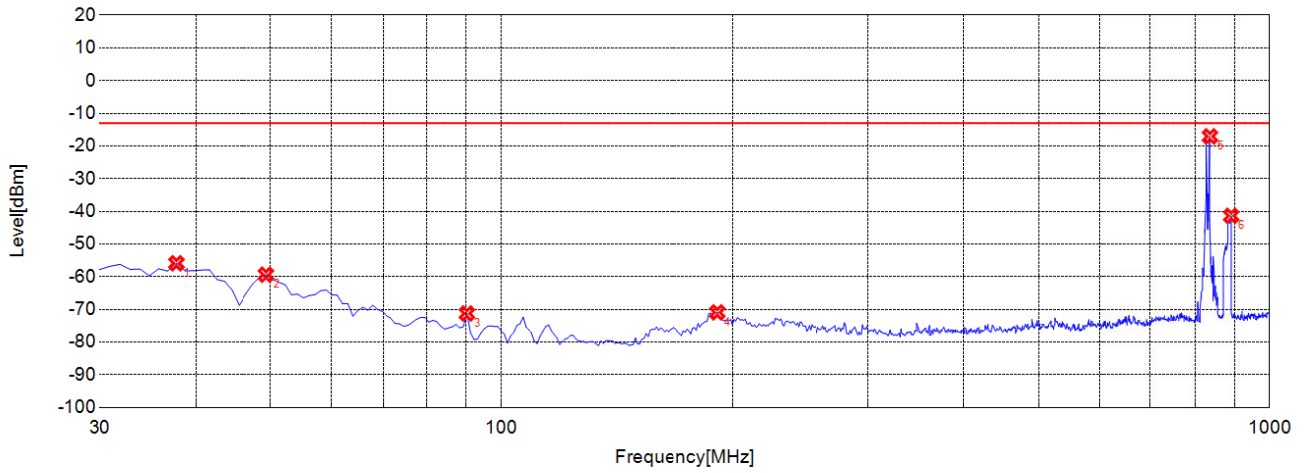


○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |           |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|-----------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol. |
| 1              | 1450.4500   | -61.08      | -13.00      | 48.08       | -9.10       | -45.42    | 36.32    |           |          | Vertical  |
| 2              | 2327.3270   | -59.55      | -13.00      | 46.55       | -7.93       | -46.43    | 38.50    |           |          | Vertical  |
| 3              | 3802.3020   | -55.65      | -13.00      | 42.65       | -6.93       | -46.00    | 39.07    |           |          | Vertical  |
| 4              | 6902.9030   | -48.57      | -13.00      | 35.57       | 5.79        | -37.80    | 43.59    |           |          | Vertical  |
| 5              | 10598.0980  | -42.49      | -13.00      | 29.49       | 13.25       | -35.69    | 48.94    |           |          | Vertical  |
| 6              | 14661.6620  | -37.23      | -13.00      | 24.23       | 23.10       | -27.37    | 50.47    |           |          | Vertical  |

CA\_5B Mid 10M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G V

### Test Graph

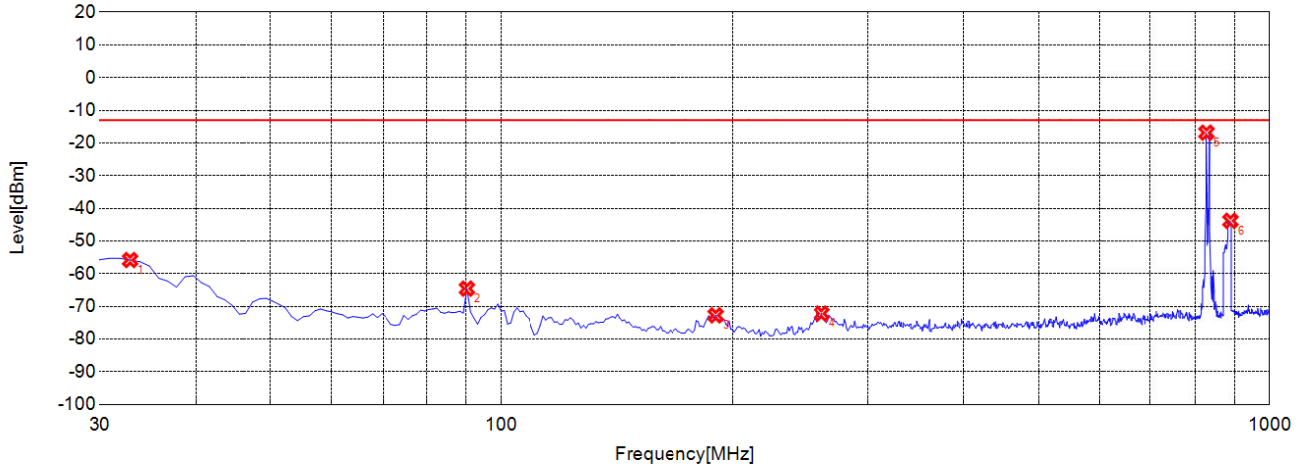


○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |            |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|------------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol.  |
| 1              | 37.7680     | -55.89      | -13.00      | 42.89       | -8.07       | -39.56    | 31.49    |           |          | Horizontal |
| 2              | 49.4190     | -59.38      | -13.00      | 46.38       | -7.01       | -39.46    | 32.45    |           |          | Horizontal |
| 3              | 90.2000     | -71.26      | -13.00      | 58.26       | -18.92      | -38.71    | 19.79    |           |          | Horizontal |
| 4              | 191.1810    | -70.92      | -13.00      | 57.92       | -14.78      | -38.07    | 23.29    |           |          | Horizontal |
| 5              | 835.9060    | -17.08      | -13.00      | 4.08        | -2.61       | -34.13    | 31.52    |           |          | NA         |
| 6              | 890.2800    | -41.38      | -13.00      | 28.38       | -2.01       | -33.99    | 31.98    |           |          | NA         |

CA\_5B Mid 10M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G H

### Test Graph



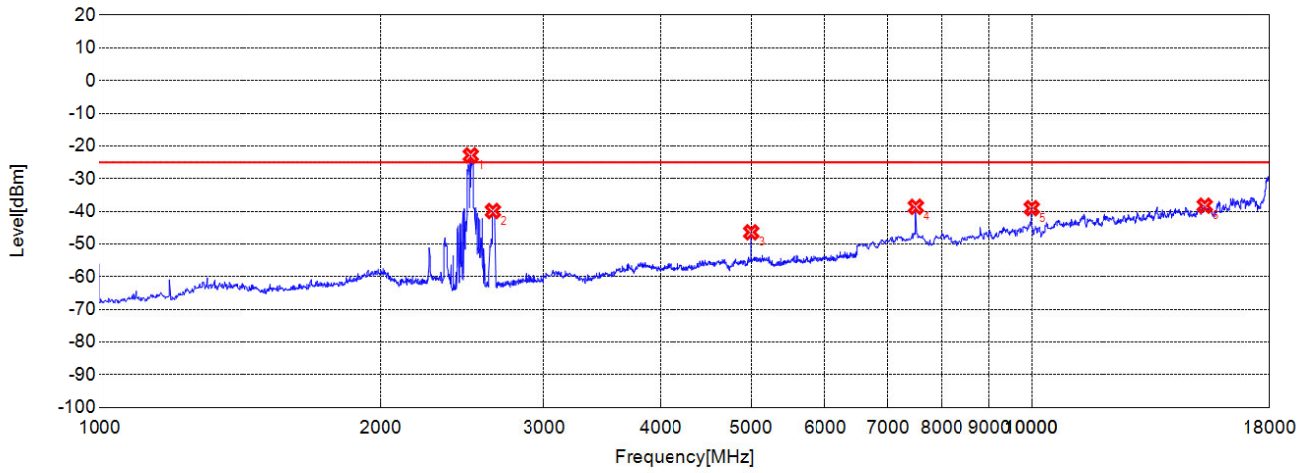
○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |           |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|-----------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol. |
| 1              | 32.9130     | -55.82      | -13.00      | 42.82       | -16.83      | -39.60    | 22.77    |           |          | Vertical  |
| 2              | 90.2000     | -64.56      | -13.00      | 51.56       | -16.50      | -38.71    | 22.21    |           |          | Vertical  |
| 3              | 190.2100    | -72.74      | -13.00      | 59.74       | -15.40      | -38.09    | 22.69    |           |          | Vertical  |
| 4              | 261.0910    | -72.21      | -13.00      | 59.21       | -13.68      | -37.37    | 23.69    |           |          | Vertical  |
| 5              | 827.1670    | -16.86      | -13.00      | 3.86        | -2.67       | -34.16    | 31.49    |           |          | NA        |
| 6              | 888.3380    | -43.82      | -13.00      | 30.82       | -1.25       | -34.00    | 32.75    |           |          | NA        |

CA\_5B Mid 10M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G V



### Test Graph



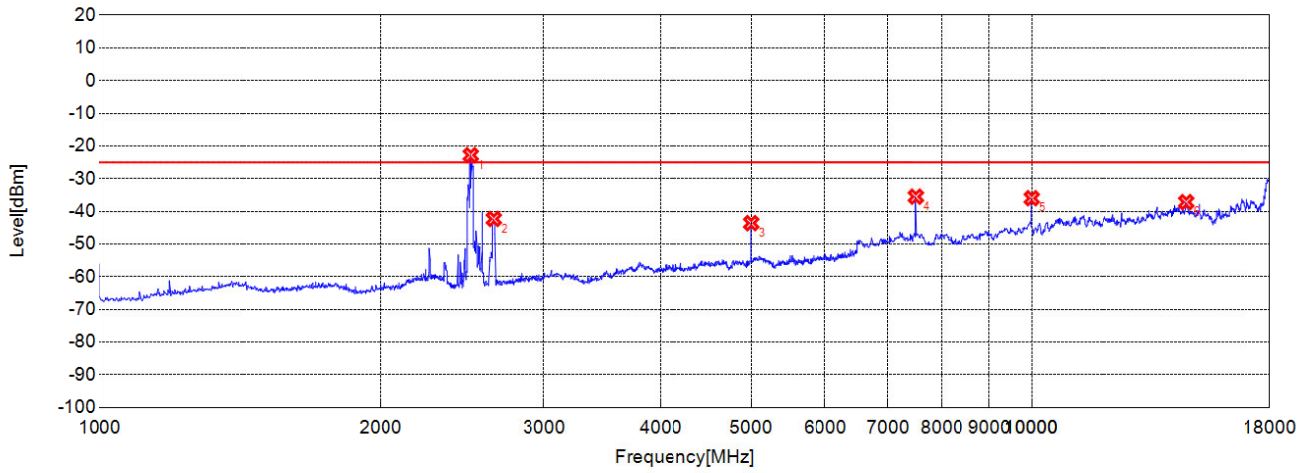
○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |            |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|------------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol.  |
| 1              | 2501.5020   | -22.87      | -25.00      | -2.13       | -10.43      | -47.11    | 36.68    |           |          | NA         |
| 2              | 2641.6420   | -39.9       | -25.00      | 14.90       | -10.17      | -47.25    | 37.08    |           |          | NA         |
| 3              | 5000.5010   | -46.42      | -25.00      | 21.42       | -2.45       | -43.81    | 41.36    |           |          | Horizontal |
| 4              | 7501.5020   | -38.63      | -25.00      | 13.63       | 10.71       | -35.48    | 46.19    |           |          | Horizontal |
| 5              | 9999.4990   | -39.04      | -25.00      | 14.04       | 14.18       | -34.22    | 48.40    |           |          | Horizontal |
| 6              | 15329.3290  | -38.27      | -25.00      | 13.27       | 22.14       | -28.61    | 50.75    |           |          | Horizontal |

CA\_7C Low 20M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G H



### Test Graph



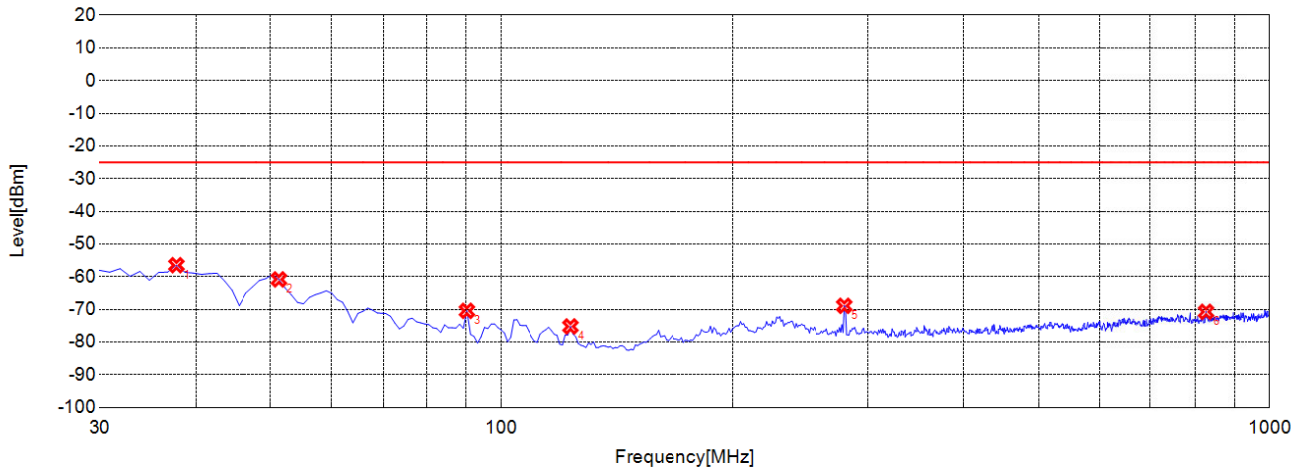
○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |           |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|-----------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol. |
| 1              | 2501.5020   | -22.82      | -25.00      | -2.18       | -10.57      | -47.11    | 36.54    |           |          | NA        |
| 2              | 2647.6480   | -42.33      | -25.00      | 17.33       | -10.37      | -47.28    | 36.91    |           |          | NA        |
| 3              | 5000.5010   | -43.61      | -25.00      | 18.61       | -3.05       | -43.81    | 40.76    |           |          | Vertical  |
| 4              | 7501.5020   | -35.51      | -25.00      | 10.51       | 10.30       | -35.48    | 45.78    |           |          | Vertical  |
| 5              | 9999.4990   | -35.99      | -25.00      | 10.99       | 14.25       | -34.22    | 48.47    |           |          | Vertical  |
| 6              | 14650.1500  | -37.18      | -25.00      | 12.18       | 23.28       | -27.14    | 50.42    |           |          | Vertical  |

CA\_7C Low 20M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G V



### Test Graph

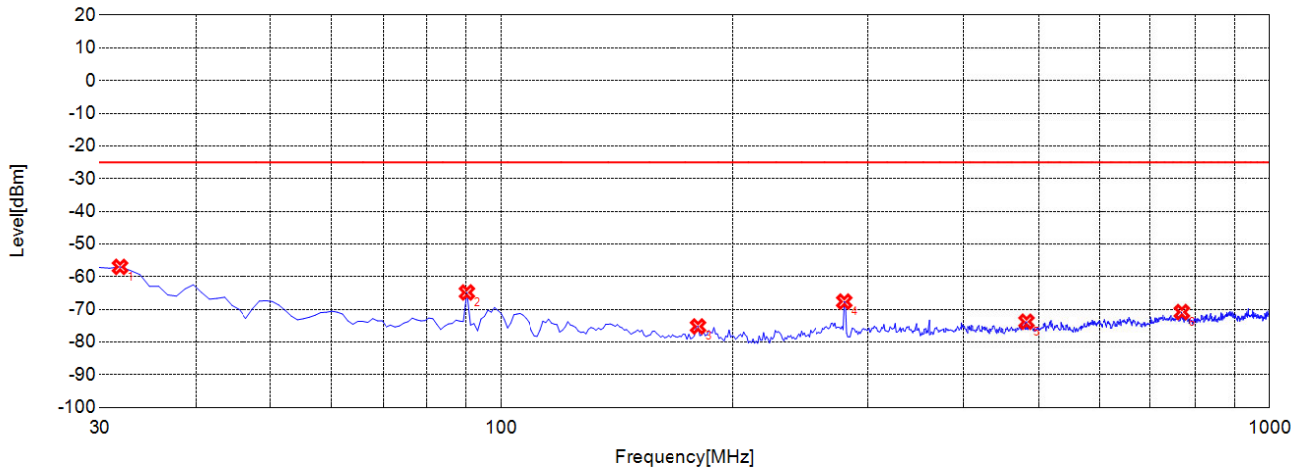


○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |            |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|------------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol.  |
| 1              | 37.7680     | -56.48      | -25.00      | 31.48       | -8.07       | -39.56    | 31.49    |           |          | Horizontal |
| 2              | 51.3610     | -60.83      | -25.00      | 35.83       | -7.54       | -39.46    | 31.92    |           |          | Horizontal |
| 3              | 90.2000     | -70.45      | -25.00      | 45.45       | -18.92      | -38.71    | 19.79    |           |          | Horizontal |
| 4              | 123.2130    | -75.23      | -25.00      | 50.23       | -18.81      | -38.56    | 19.75    |           |          | Horizontal |
| 5              | 279.5400    | -68.91      | -25.00      | 43.91       | -12.04      | -37.04    | 25.00    |           |          | Horizontal |
| 6              | 826.1960    | -70.74      | -25.00      | 45.74       | -2.93       | -34.16    | 31.23    |           |          | Horizontal |

CA\_7C Low 20M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G H

### Test Graph

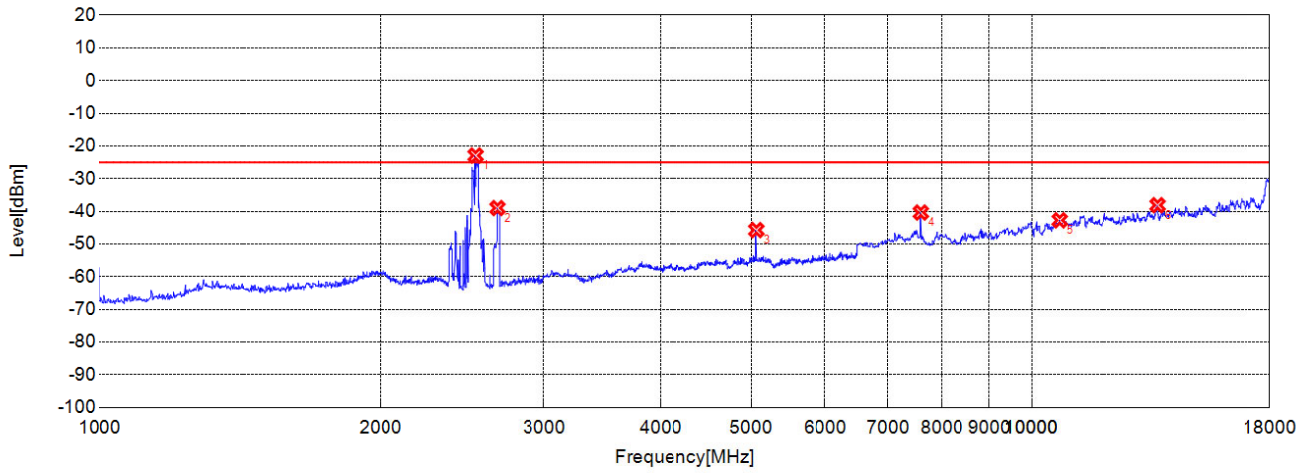


○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |           |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|-----------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol. |
| 1              | 31.9420     | -57         | -25.00      | 32.00       | -16.89      | -39.60    | 22.71    |           |          | Vertical  |
| 2              | 90.2000     | -64.83      | -25.00      | 39.83       | -16.50      | -38.71    | 22.21    |           |          | Vertical  |
| 3              | 180.5010    | -75.22      | -25.00      | 50.22       | -16.59      | -38.11    | 21.52    |           |          | Vertical  |
| 4              | 279.5400    | -67.62      | -25.00      | 42.62       | -12.54      | -37.04    | 24.50    |           |          | Vertical  |
| 5              | 482.4720    | -73.78      | -25.00      | 48.78       | -8.06       | -35.21    | 27.15    |           |          | Vertical  |
| 6              | 768.9090    | -70.82      | -25.00      | 45.82       | -2.67       | -34.22    | 31.55    |           |          | Vertical  |

CA\_7C Low 20M QPSK PCC RB 1 0 SCC RB 0 0 30M-1G V

### Test Graph



○ Final Test

| Suspected List |             |             |             |             |             |           |          |           |          |            |
|----------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------|----------|------------|
| NO.            | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Path [dB] | Air [dB] | Angle [°] | EUT Pol. | Ant. Pol.  |
| 1              | 2531.5320   | -22.93      | -25.00      | -2.07       | -10.64      | -47.40    | 36.76    |           |          | NA         |
| 2              | 2671.6720   | -39         | -25.00      | 14.00       | -10.17      | -47.36    | 37.19    |           |          | NA         |
| 3              | 5063.5640   | -45.74      | -25.00      | 20.74       | -2.37       | -43.85    | 41.48    |           |          | Horizontal |
| 4              | 7593.5940   | -40.37      | -25.00      | 15.37       | 9.76        | -35.36    | 45.12    |           |          | Horizontal |
| 5              | 10713.2130  | -42.75      | -25.00      | 17.75       | 14.06       | -34.59    | 48.65    |           |          | Horizontal |
| 6              | 13660.1600  | -38.12      | -25.00      | 13.12       | 22.11       | -27.90    | 50.01    |           |          | Horizontal |

CA\_7C High 20M QPSK PCC RB 1 0 SCC RB 0 0 1G-18G H