

## **Appendix Test Data for WCDMA\_band\_4**

## 1. Effective (Isotropic) Radiated Power Output Data

### 1.1 Test Result

#### 1.1.1 Band4\_EIRP

| Band: 4 |         |              |                 |                       |            |            |       |         |
|---------|---------|--------------|-----------------|-----------------------|------------|------------|-------|---------|
| ENV     | Mode    |              | Frequency (MHz) | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|         | Network | Subset       |                 |                       |            | Result     | Limit |         |
| NTNV    | RMC     | 12.2kbps RMC | 1712.4          | 25.03                 | 0.85       | 25.88      | <=30  | Pass    |
|         |         |              | 1732.6          | 25.00                 | 0.85       | 25.85      | <=30  | Pass    |
|         |         |              | 1752.6          | 24.84                 | 0.85       | 25.69      | <=30  | Pass    |
|         | HSDPA   | Subtest 1    | 1712.4          | 23.27                 | 0.85       | 24.12      | <=30  | Pass    |
|         |         | Subtest 2    | 1712.4          | 23.34                 | 0.85       | 24.19      | <=30  | Pass    |
|         |         | Subtest 3    | 1712.4          | 23.32                 | 0.85       | 24.17      | <=30  | Pass    |
|         |         | Subtest 4    | 1712.4          | 23.33                 | 0.85       | 24.18      | <=30  | Pass    |
|         |         | Subtest 1    | 1732.6          | 23.36                 | 0.85       | 24.21      | <=30  | Pass    |
|         |         | Subtest 2    | 1732.6          | 23.39                 | 0.85       | 24.24      | <=30  | Pass    |
|         |         | Subtest 3    | 1732.6          | 23.38                 | 0.85       | 24.23      | <=30  | Pass    |
|         |         | Subtest 4    | 1732.6          | 23.30                 | 0.85       | 24.15      | <=30  | Pass    |
|         |         | Subtest 1    | 1752.6          | 23.32                 | 0.85       | 24.17      | <=30  | Pass    |
|         |         | Subtest 2    | 1752.6          | 23.38                 | 0.85       | 24.23      | <=30  | Pass    |
|         |         | Subtest 3    | 1752.6          | 23.35                 | 0.85       | 24.20      | <=30  | Pass    |
|         |         | Subtest 4    | 1752.6          | 23.33                 | 0.85       | 24.18      | <=30  | Pass    |
|         | HSUPA   | Subtest 1    | 1712.4          | 21.19                 | 0.85       | 22.04      | <=30  | Pass    |
|         |         | Subtest 2    | 1712.4          | 20.76                 | 0.85       | 21.61      | <=30  | Pass    |
|         |         | Subtest 3    | 1712.4          | 21.01                 | 0.85       | 21.86      | <=30  | Pass    |
|         |         | Subtest 4    | 1712.4          | 21.05                 | 0.85       | 21.90      | <=30  | Pass    |
|         |         | Subtest 5    | 1712.4          | 21.54                 | 0.85       | 22.39      | <=30  | Pass    |
|         |         | Subtest 1    | 1732.6          | 20.96                 | 0.85       | 21.81      | <=30  | Pass    |
|         |         | Subtest 2    | 1732.6          | 20.83                 | 0.85       | 21.68      | <=30  | Pass    |
|         |         | Subtest 3    | 1732.6          | 21.05                 | 0.85       | 21.90      | <=30  | Pass    |
|         |         | Subtest 4    | 1732.6          | 21.09                 | 0.85       | 21.94      | <=30  | Pass    |
|         |         | Subtest 5    | 1732.6          | 20.73                 | 0.85       | 21.58      | <=30  | Pass    |
|         |         | Subtest 1    | 1752.6          | 20.95                 | 0.85       | 21.80      | <=30  | Pass    |
|         |         | Subtest 2    | 1752.6          | 20.43                 | 0.85       | 21.28      | <=30  | Pass    |
|         |         | Subtest 3    | 1752.6          | 20.97                 | 0.85       | 21.82      | <=30  | Pass    |
|         |         | Subtest 4    | 1752.6          | 20.57                 | 0.85       | 21.42      | <=30  | Pass    |
|         |         | Subtest 5    | 1752.6          | 20.71                 | 0.85       | 21.56      | <=30  | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 Band4

| Band: 4 |                 |            |               |                  |                       |             |         |
|---------|-----------------|------------|---------------|------------------|-----------------------|-------------|---------|
| Network | Frequency (MHz) | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|         |                 |            |               |                  | Result                | Limit       |         |
| RMC     | 1712.4          | 20         | 3.27          | 2.933            | 0.0017                | -2.5 to 2.5 | Pass    |
|         |                 |            | 3.85          | 1.960            | 0.0011                | -2.5 to 2.5 | Pass    |
|         |                 |            | 4.43          | 1.423            | 0.0008                | -2.5 to 2.5 | Pass    |
|         |                 | -30        | 3.85          | 0.951            | 0.0006                | -2.5 to 2.5 | Pass    |
|         |                 | -20        | 3.85          | 3.777            | 0.0022                | -2.5 to 2.5 | Pass    |
|         |                 | -10        | 3.85          | 2.375            | 0.0014                | -2.5 to 2.5 | Pass    |
|         |                 | 0          | 3.85          | 1.373            | 0.0008                | -2.5 to 2.5 | Pass    |
|         |                 | 10         | 3.85          | 2.110            | 0.0012                | -2.5 to 2.5 | Pass    |
|         |                 | 30         | 3.85          | 1.488            | 0.0009                | -2.5 to 2.5 | Pass    |
|         |                 | 40         | 3.85          | 3.870            | 0.0023                | -2.5 to 2.5 | Pass    |
|         |                 | 50         | 3.85          | 3.562            | 0.0021                | -2.5 to 2.5 | Pass    |
|         | 1732.6          | 20         | 3.27          | 0.744            | 0.0004                | -2.5 to 2.5 | Pass    |
|         |                 |            | 3.85          | 1.023            | 0.0006                | -2.5 to 2.5 | Pass    |
|         |                 |            | 4.43          | 0.129            | 0.0001                | -2.5 to 2.5 | Pass    |
|         |                 | -30        | 3.85          | 0.644            | 0.0004                | -2.5 to 2.5 | Pass    |
|         |                 | -20        | 3.85          | 0.780            | 0.0005                | -2.5 to 2.5 | Pass    |
|         |                 | -10        | 3.85          | 1.216            | 0.0007                | -2.5 to 2.5 | Pass    |
|         |                 | 0          | 3.85          | 1.388            | 0.0008                | -2.5 to 2.5 | Pass    |
|         |                 | 10         | 3.85          | 1.101            | 0.0006                | -2.5 to 2.5 | Pass    |
|         |                 | 30         | 3.85          | 0.107            | 0.0001                | -2.5 to 2.5 | Pass    |
|         |                 | 40         | 3.85          | 1.044            | 0.0006                | -2.5 to 2.5 | Pass    |
|         |                 | 50         | 3.85          | 0.916            | 0.0005                | -2.5 to 2.5 | Pass    |
|         | 1752.6          | 20         | 3.27          | -2.575           | -0.0015               | -2.5 to 2.5 | Pass    |
|         |                 |            | 3.85          | -1.853           | -0.0011               | -2.5 to 2.5 | Pass    |
|         |                 |            | 4.43          | -3.569           | -0.0020               | -2.5 to 2.5 | Pass    |
|         |                 | -30        | 3.85          | -1.867           | -0.0011               | -2.5 to 2.5 | Pass    |
|         |                 | -20        | 3.85          | -1.888           | -0.0011               | -2.5 to 2.5 | Pass    |
|         |                 | -10        | 3.85          | -1.531           | -0.0009               | -2.5 to 2.5 | Pass    |
|         |                 | 0          | 3.85          | -1.001           | -0.0006               | -2.5 to 2.5 | Pass    |
|         |                 | 10         | 3.85          | -3.111           | -0.0018               | -2.5 to 2.5 | Pass    |
|         |                 | 30         | 3.85          | -2.325           | -0.0013               | -2.5 to 2.5 | Pass    |
|         |                 | 40         | 3.85          | -1.609           | -0.0009               | -2.5 to 2.5 | Pass    |
|         |                 | 50         | 3.85          | -2.139           | -0.0012               | -2.5 to 2.5 | Pass    |
| HSDPA   | 1712.4          | 20         | 3.27          | 2.739            | 0.0016                | -2.5 to 2.5 | Pass    |
|         |                 |            | 3.85          | 3.083            | 0.0018                | -2.5 to 2.5 | Pass    |
|         |                 |            | 4.43          | 2.933            | 0.0017                | -2.5 to 2.5 | Pass    |
|         |                 | -30        | 3.85          | 1.459            | 0.0009                | -2.5 to 2.5 | Pass    |
|         |                 | -20        | 3.85          | 3.119            | 0.0018                | -2.5 to 2.5 | Pass    |
|         |                 | -10        | 3.85          | 2.661            | 0.0016                | -2.5 to 2.5 | Pass    |
|         |                 | 0          | 3.85          | 1.802            | 0.0011                | -2.5 to 2.5 | Pass    |
|         |                 | 10         | 3.85          | 2.346            | 0.0014                | -2.5 to 2.5 | Pass    |
|         |                 | 30         | 3.85          | 1.495            | 0.0009                | -2.5 to 2.5 | Pass    |
|         |                 | 40         | 3.85          | 2.439            | 0.0014                | -2.5 to 2.5 | Pass    |
|         |                 | 50         | 3.85          | 1.352            | 0.0008                | -2.5 to 2.5 | Pass    |
|         | 1732.6          | 20         | 3.27          | -0.043           | 0.0000                | -2.5 to 2.5 | Pass    |
|         |                 |            | 3.85          | -0.551           | -0.0003               | -2.5 to 2.5 | Pass    |
|         |                 |            | 4.43          | -1.380           | -0.0008               | -2.5 to 2.5 | Pass    |
|         |                 | -30        | 3.85          | 0.043            | 0.0000                | -2.5 to 2.5 | Pass    |
|         |                 | -20        | 3.85          | -1.323           | -0.0008               | -2.5 to 2.5 | Pass    |

|       |        |     |      |        |         |             |      |
|-------|--------|-----|------|--------|---------|-------------|------|
|       |        | -10 | 3.85 | -0.479 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | -1.173 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | -2.568 | -0.0015 | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | -1.717 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | -1.631 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | -1.924 | -0.0011 | -2.5 to 2.5 | Pass |
|       | 1752.6 | 20  | 3.27 | -5.050 | -0.0029 | -2.5 to 2.5 | Pass |
|       |        |     | 3.85 | -3.748 | -0.0021 | -2.5 to 2.5 | Pass |
|       |        |     | 4.43 | -5.028 | -0.0029 | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.85 | -4.170 | -0.0024 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.85 | -2.353 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.85 | -3.061 | -0.0017 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | -3.512 | -0.0020 | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | -3.798 | -0.0022 | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | -3.004 | -0.0017 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | -3.834 | -0.0022 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | -3.276 | -0.0019 | -2.5 to 2.5 | Pass |
| HSUPA | 1712.4 | 20  | 3.27 | 14.920 | 0.0087  | -2.5 to 2.5 | Pass |
|       |        |     | 3.85 | 8.898  | 0.0052  | -2.5 to 2.5 | Pass |
|       |        |     | 4.43 | 15.814 | 0.0092  | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.85 | 11.959 | 0.0070  | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.85 | 16.737 | 0.0098  | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.85 | 14.169 | 0.0083  | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | 11.380 | 0.0066  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | 14.083 | 0.0082  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | 12.302 | 0.0072  | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | 14.141 | 0.0083  | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | 16.787 | 0.0098  | -2.5 to 2.5 | Pass |
|       | 1732.6 | 20  | 3.27 | 18.382 | 0.0106  | -2.5 to 2.5 | Pass |
|       |        |     | 3.85 | 19.999 | 0.0115  | -2.5 to 2.5 | Pass |
|       |        |     | 4.43 | 14.741 | 0.0085  | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.85 | 14.076 | 0.0081  | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.85 | 18.210 | 0.0105  | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.85 | 12.238 | 0.0071  | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | 13.318 | 0.0077  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | 14.884 | 0.0086  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | 10.808 | 0.0062  | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | 18.940 | 0.0109  | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | 17.331 | 0.0100  | -2.5 to 2.5 | Pass |
|       | 1752.6 | 20  | 3.27 | 15.578 | 0.0089  | -2.5 to 2.5 | Pass |
|       |        |     | 3.85 | 14.176 | 0.0081  | -2.5 to 2.5 | Pass |
|       |        |     | 4.43 | 15.113 | 0.0086  | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.85 | 10.107 | 0.0058  | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.85 | 10.958 | 0.0063  | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.85 | 19.519 | 0.0111  | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | 19.834 | 0.0113  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | 9.692  | 0.0055  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | 14.627 | 0.0083  | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | 14.656 | 0.0084  | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | 11.115 | 0.0063  | -2.5 to 2.5 | Pass |

### 3. Modulation Characteristics

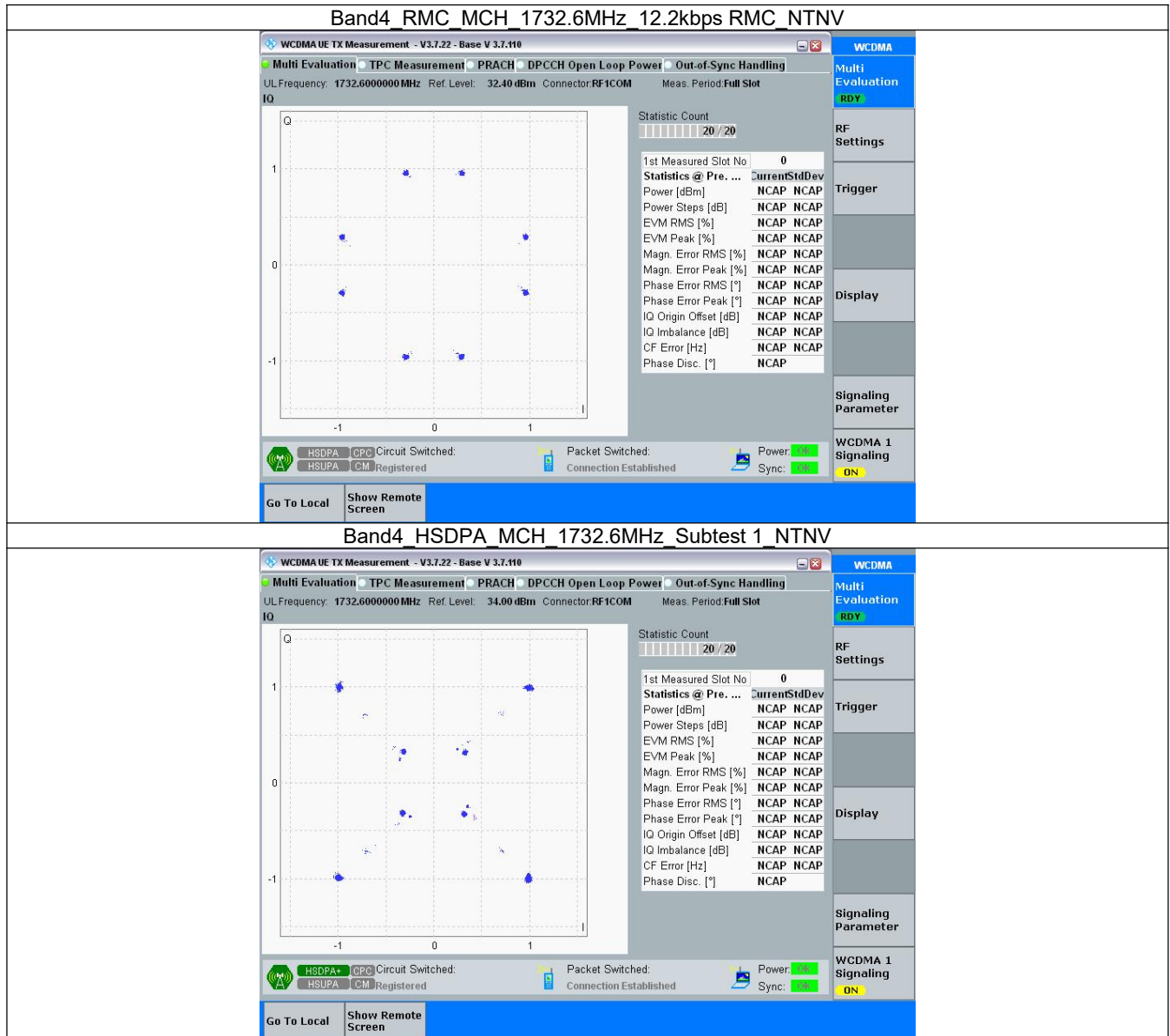
#### 3.1 Test Result

##### 3.1.1 Band4

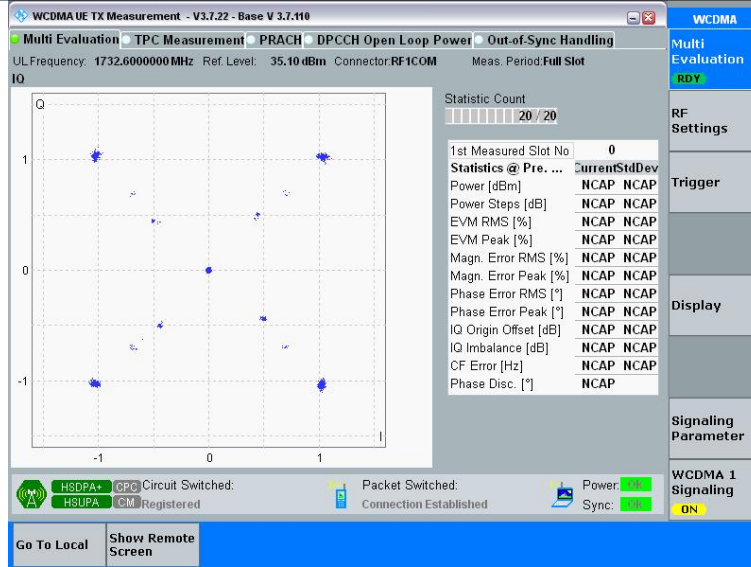
| Band: 4 |         |              |                    |                            |       |         |
|---------|---------|--------------|--------------------|----------------------------|-------|---------|
| ENV     | Mode    |              | Frequency<br>(MHz) | Modulation Characteristics |       | Verdict |
|         | Network | Subset       |                    | Result                     | Limit |         |
| NTNV    | RMC     | 12.2kbps RMC | 1732.6             | Refer To Test Graph        |       | Pass    |
|         | HSDPA   | Subtest 1    | 1732.6             | Refer To Test Graph        |       | Pass    |
|         | HSUPA   | Subtest 1    | 1732.6             | Refer To Test Graph        |       | Pass    |

## 3.2 Test Graph

### 3.2.1 Band4



# Band4\_HSUPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band4\_OBW

| Band: 4 |         |              |                 |                              |       |         |
|---------|---------|--------------|-----------------|------------------------------|-------|---------|
| ENV     | Mode    |              | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |       | Verdict |
|         | Network | Subset       |                 | Result                       | Limit |         |
| NTNV    | RMC     | 12.2kbps RMC | 1712.4          | 4.173                        | /     | Pass    |
|         |         |              | 1732.6          | 4.170                        | /     | Pass    |
|         |         |              | 1752.6          | 4.171                        | /     | Pass    |
|         | HSDPA   | Subtest 1    | 1712.4          | 4.154                        | /     | Pass    |
|         |         |              | 1732.6          | 4.161                        | /     | Pass    |
|         |         |              | 1752.6          | 4.175                        | /     | Pass    |
|         | HSUPA   | Subtest 1    | 1712.4          | 4.172                        | /     | Pass    |
|         |         |              | 1732.6          | 4.166                        | /     | Pass    |
|         |         |              | 1752.6          | 4.177                        | /     | Pass    |

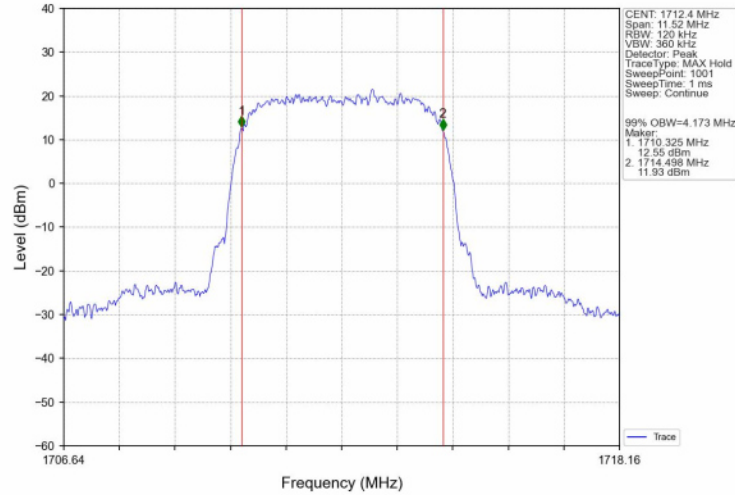
#### 4.1.2 Band4\_XDB

| Band: 4 |         |              |                 |                      |       |         |
|---------|---------|--------------|-----------------|----------------------|-------|---------|
| ENV     | Mode    |              | Frequency (MHz) | 26dB Bandwidth (MHz) |       | Verdict |
|         | Network | Subset       |                 | Result               | Limit |         |
| NTNV    | RMC     | 12.2kbps RMC | 1712.4          | 4.711                | /     | Pass    |
|         |         |              | 1732.6          | 4.706                | /     | Pass    |
|         |         |              | 1752.6          | 4.728                | /     | Pass    |
|         | HSDPA   | Subtest 1    | 1712.4          | 4.711                | /     | Pass    |
|         |         |              | 1732.6          | 4.734                | /     | Pass    |
|         |         |              | 1752.6          | 4.727                | /     | Pass    |
|         | HSUPA   | Subtest 1    | 1712.4          | 4.746                | /     | Pass    |
|         |         |              | 1732.6          | 4.765                | /     | Pass    |
|         |         |              | 1752.6          | 4.748                | /     | Pass    |

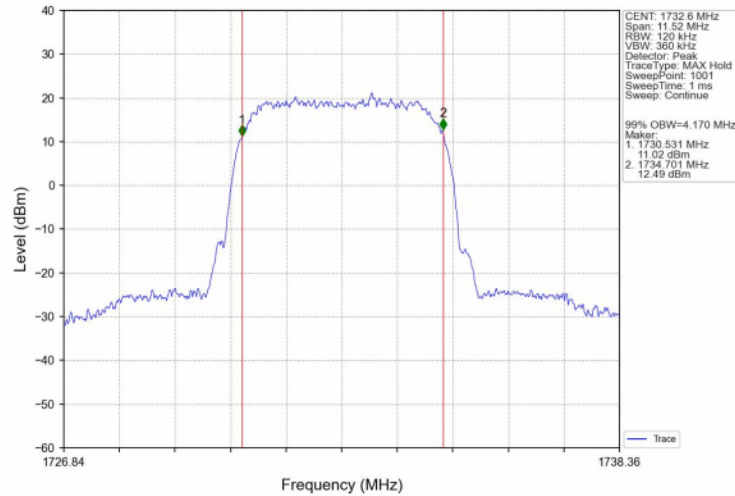
## 4.2 Test Graph

### 4.2.1 Band4\_OBW

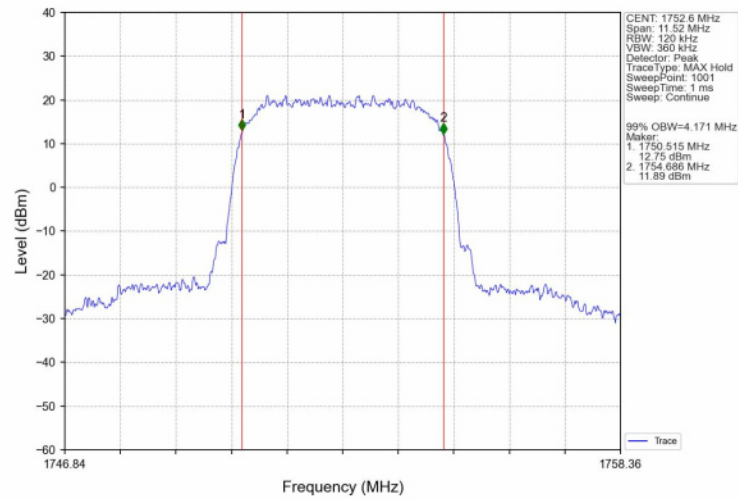
Band4\_RMC\_LCH\_1712.4MHz\_12.2kbps RMC\_NTNV



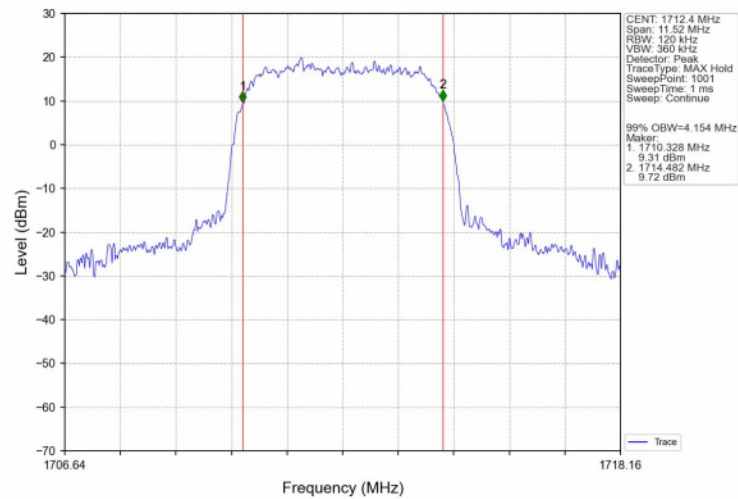
Band4\_RMC\_MCH\_1732.6MHz\_12.2kbps RMC\_NTNV



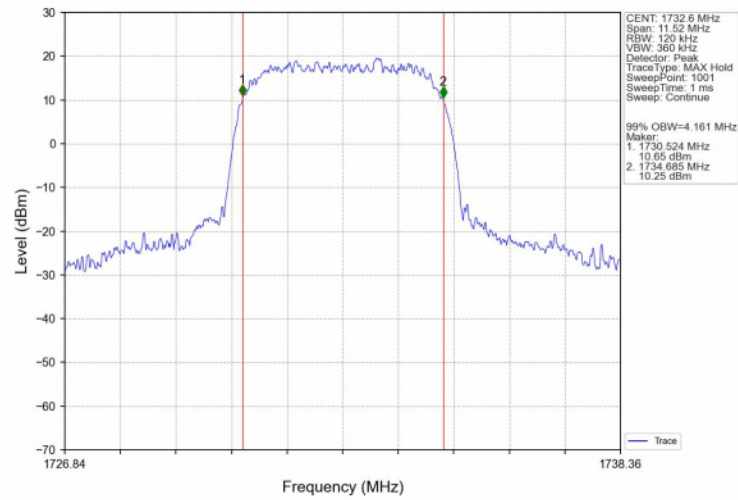
Band4\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



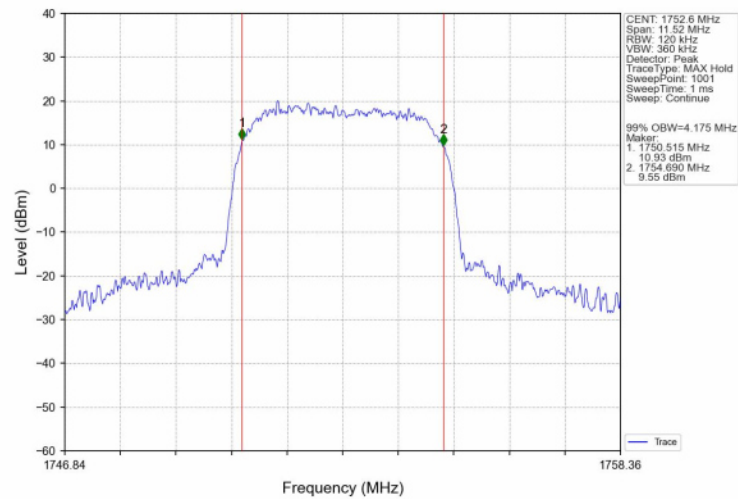
Band4\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



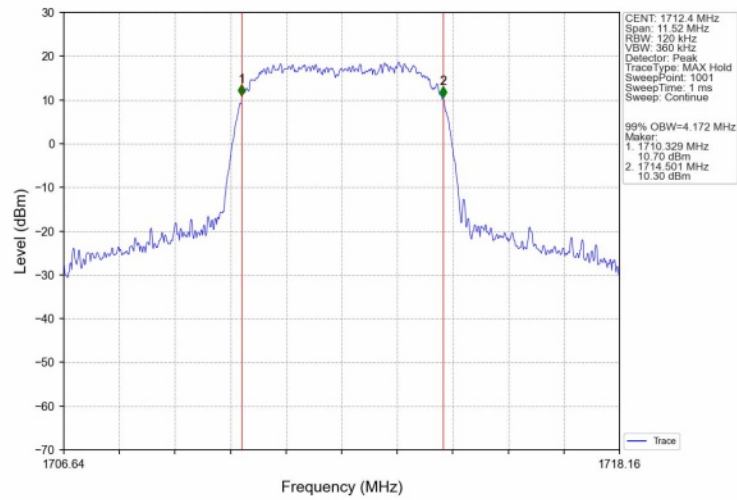
### Band4\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



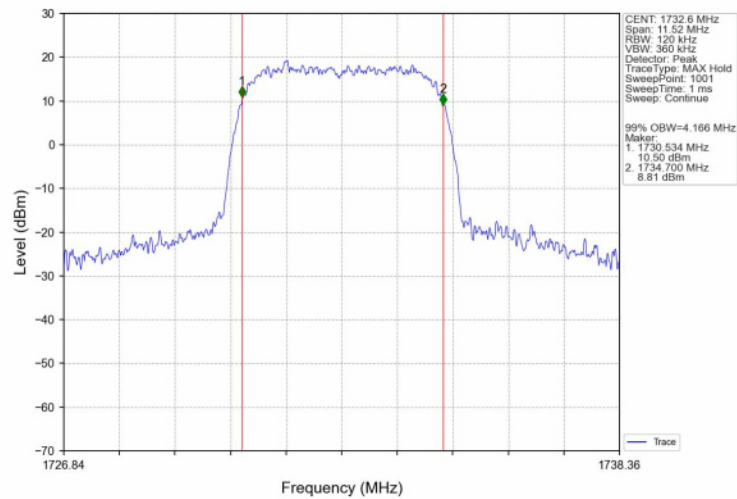
### Band4\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



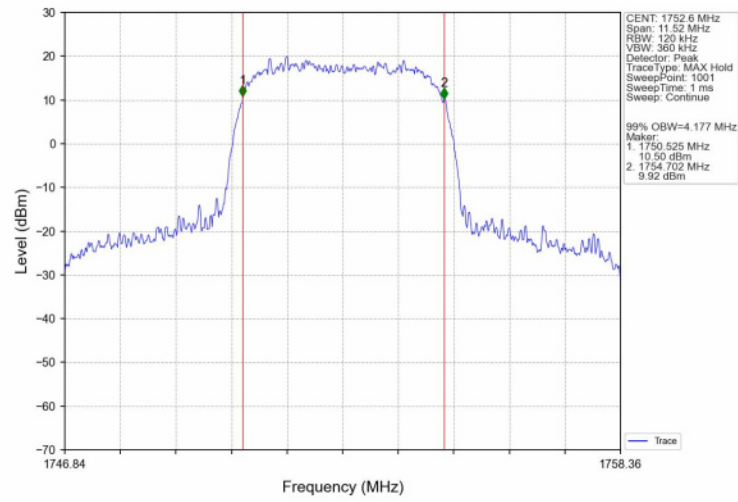
Band4\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



Band4\_HSUPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV

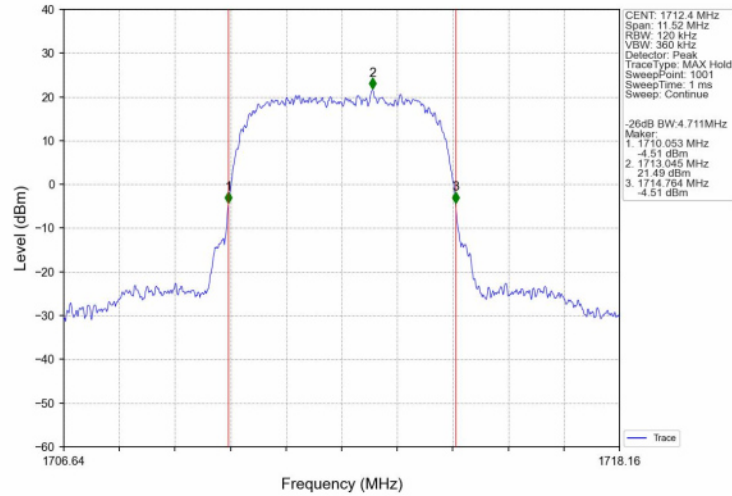


# Band4\_HSUPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV

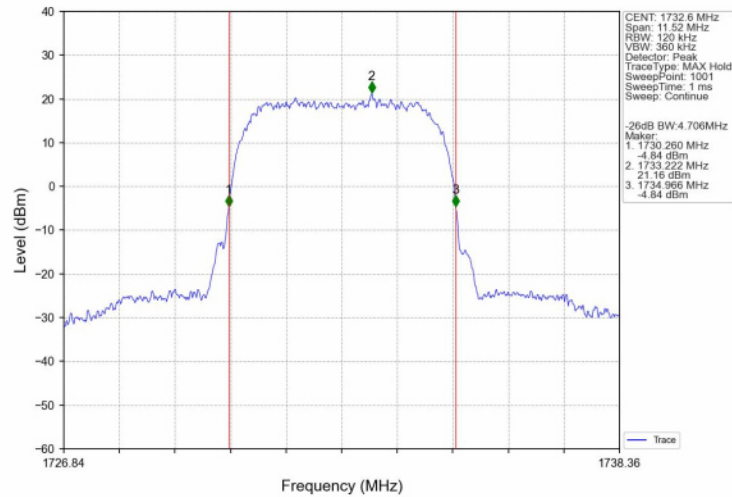


## 4.2.2 Band4\_XDB

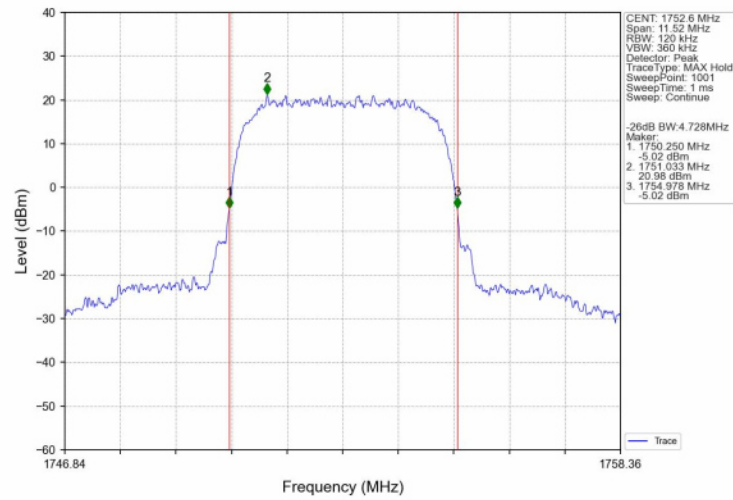
Band4\_RMC\_LCH\_1712.4MHz\_12.2kbps RMC\_NTNV



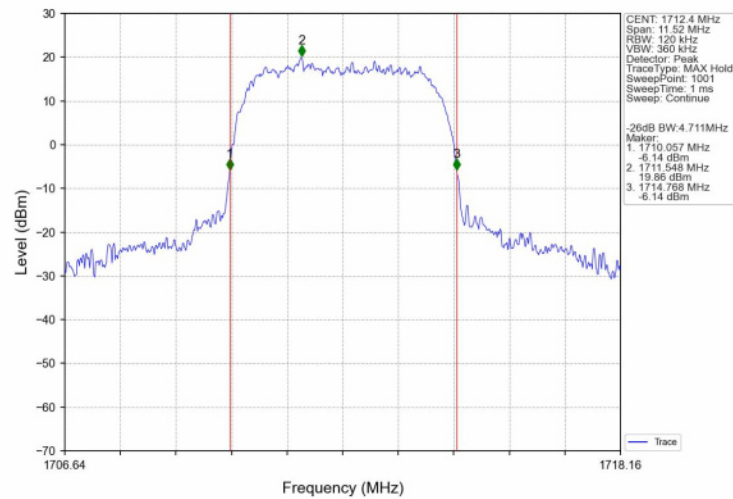
Band4\_RMC\_MCH\_1732.6MHz\_12.2kbps RMC\_NTNV



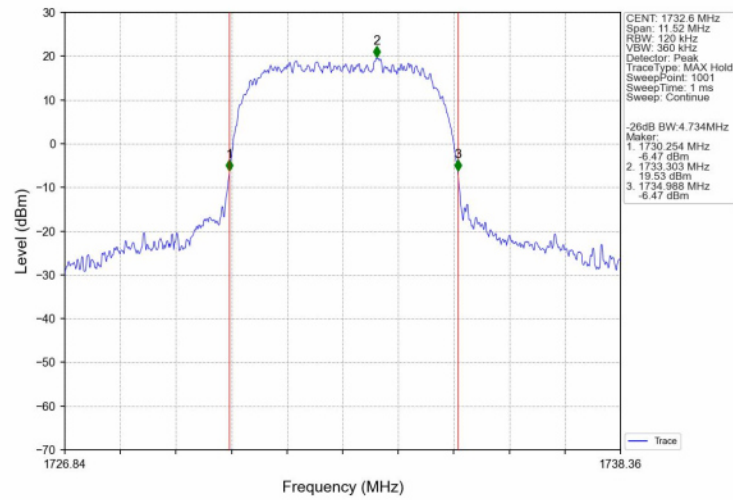
Band4\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



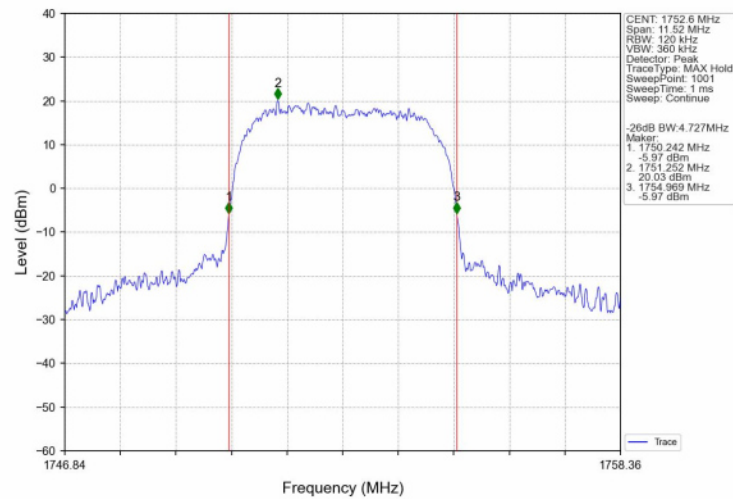
Band4\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



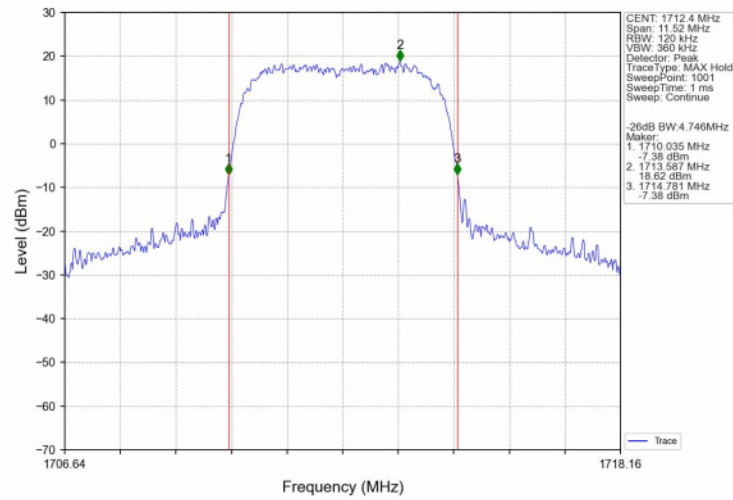
### Band4\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



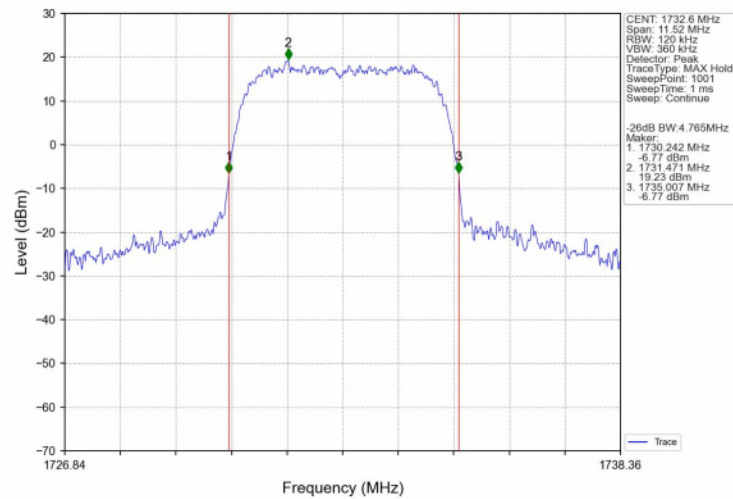
### Band4\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



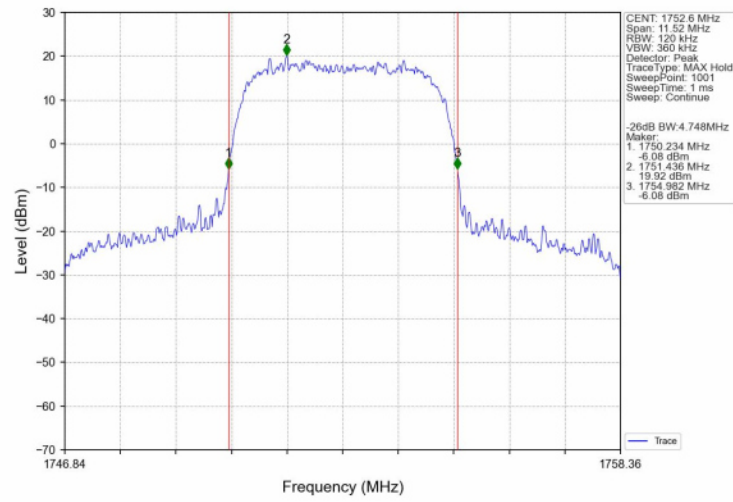
Band4\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



Band4\_HSUPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



# Band4\_HSUPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



## 5. Peak-Average Ratio

### 5.1 Test Result

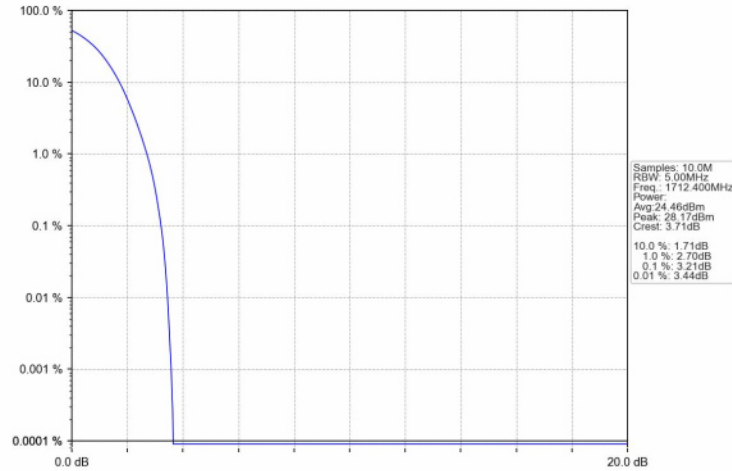
#### 5.1.1 Band4

| Band: 4 |         |              |                 |                         |       |         |
|---------|---------|--------------|-----------------|-------------------------|-------|---------|
| ENV     | Mode    |              | Frequency (MHz) | Peak-Average Ratio (dB) |       | Verdict |
|         | Network | Subset       |                 | Result                  | Limit |         |
| NTNV    | RMC     | 12.2kbps RMC | 1712.4          | 3.21                    | <=13  | Pass    |
|         |         |              | 1732.6          | 3.20                    | <=13  | Pass    |
|         |         |              | 1752.6          | 3.25                    | <=13  | Pass    |
|         | HSDPA   | Subtest 1    | 1712.4          | 6.24                    | <=13  | Pass    |
|         |         |              | 1732.6          | 6.33                    | <=13  | Pass    |
|         |         |              | 1752.6          | 6.17                    | <=13  | Pass    |
|         | HSUPA   | Subtest 1    | 1712.4          | 7.29                    | <=13  | Pass    |
|         |         |              | 1732.6          | 7.33                    | <=13  | Pass    |
|         |         |              | 1752.6          | 7.42                    | <=13  | Pass    |

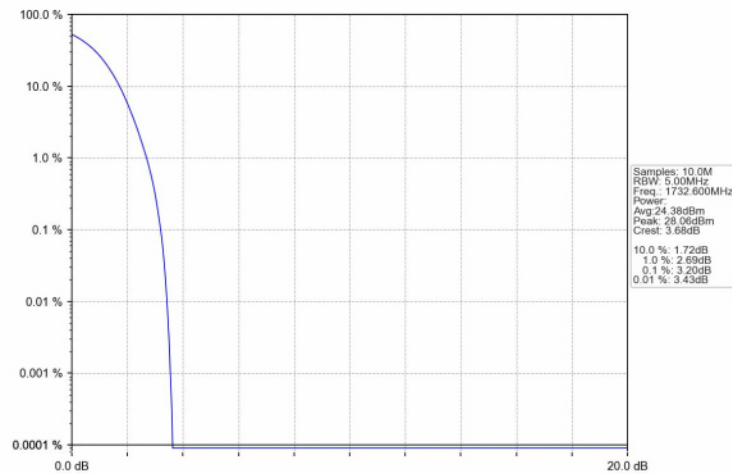
## 5.2 Test Graph

### 5.2.1 Band4

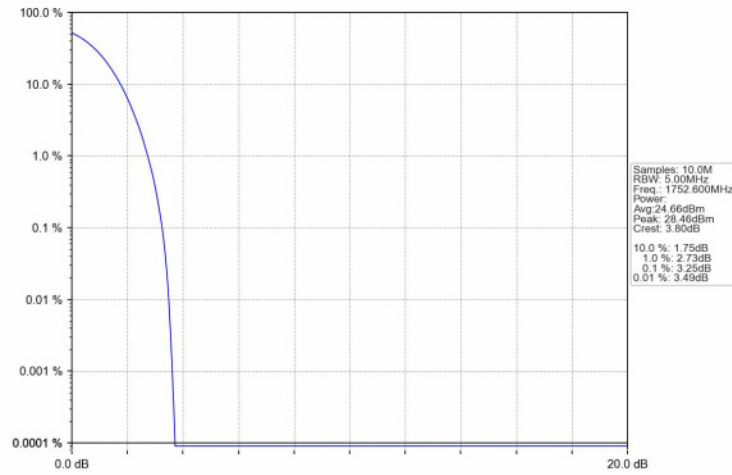
Band4\_RMC\_LCH\_1712.4MHz\_12.2kbps RMC\_NTNV



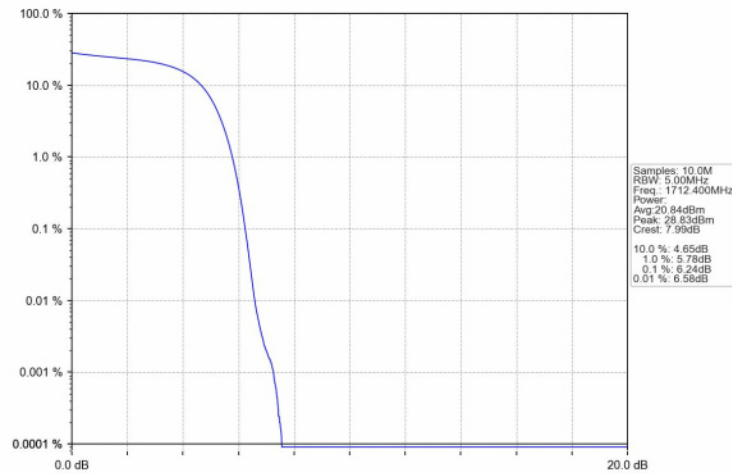
Band4\_RMC\_MCH\_1732.6MHz\_12.2kbps RMC\_NTNV



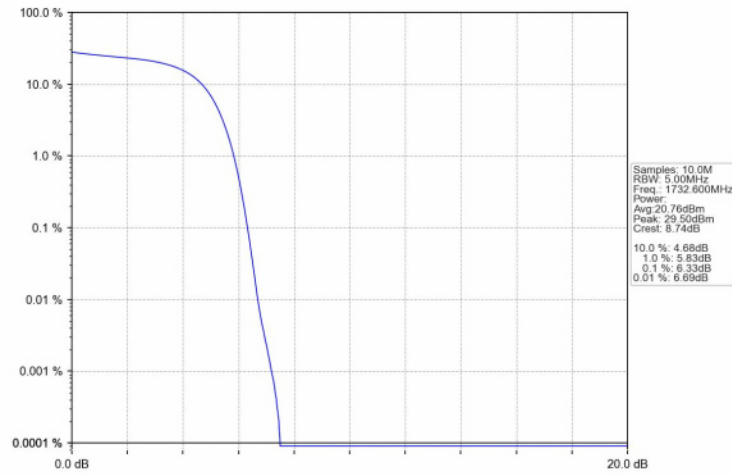
Band4\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



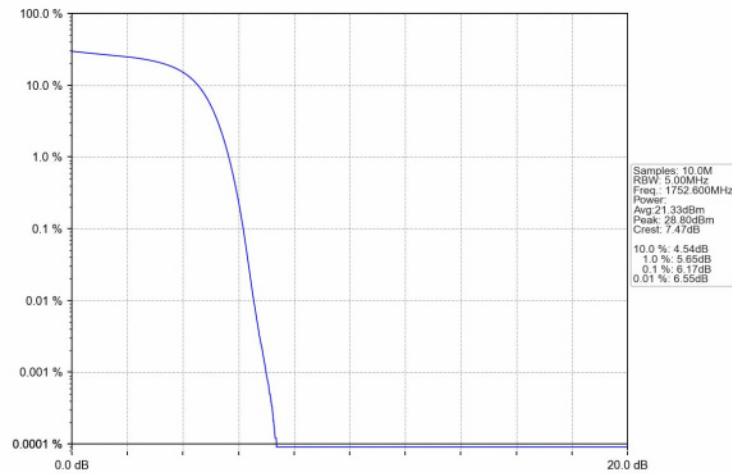
Band4\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



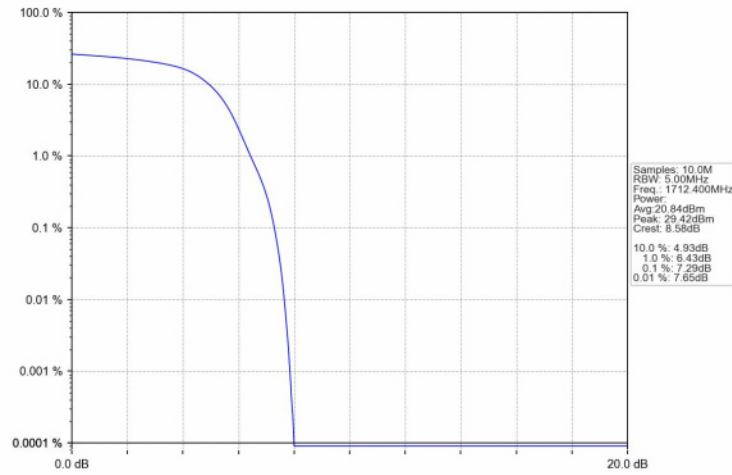
Band4\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



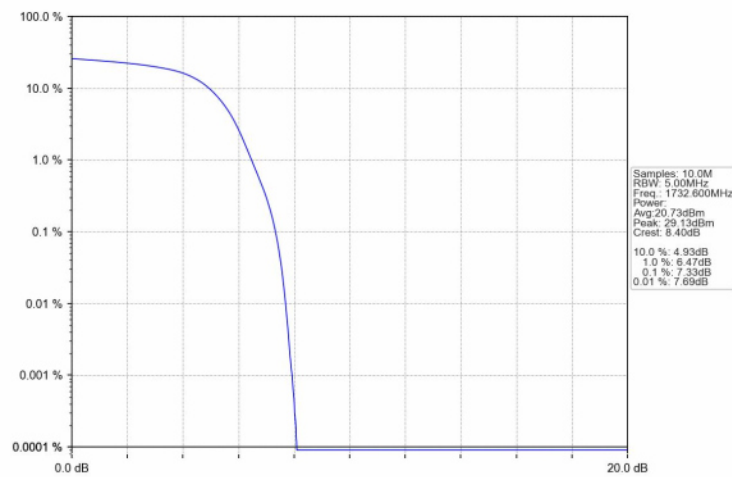
Band4\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



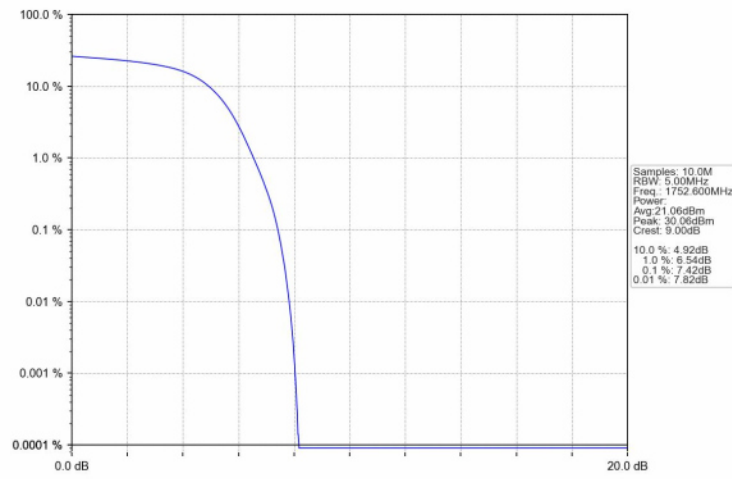
Band4\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



Band4\_HSUPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



# Band4\_HSUPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



## 6. Spurious Emission

### 6.1 Test Result

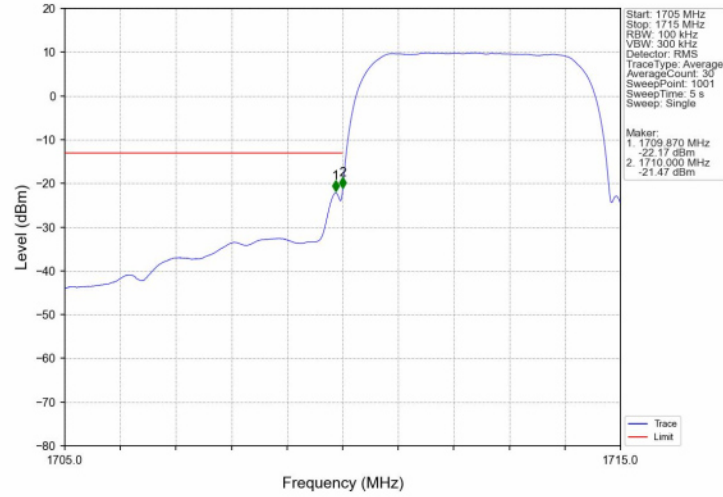
#### 6.1.1 Band4

| Band: 4 |         |              |                 |                     |       |
|---------|---------|--------------|-----------------|---------------------|-------|
| ENV     | Mode    |              | Frequency (MHz) | Spurious Emission   |       |
|         | Network | Subset       |                 | Result              | Limit |
| NTNV    | RMC     | 12.2kbps RMC | 1712.4          | Refer To Test Graph | Pass  |
|         |         |              | 1732.6          | Refer To Test Graph | Pass  |
|         |         |              | 1752.6          | Refer To Test Graph | Pass  |
|         | HSDPA   | Subtest 1    | 1712.4          | Refer To Test Graph | Pass  |
|         |         |              | 1732.6          | Refer To Test Graph | Pass  |
|         |         |              | 1752.6          | Refer To Test Graph | Pass  |
|         | HSUPA   | Subtest 1    | 1712.4          | Refer To Test Graph | Pass  |
|         |         |              | 1732.6          | Refer To Test Graph | Pass  |
|         |         |              | 1752.6          | Refer To Test Graph | Pass  |

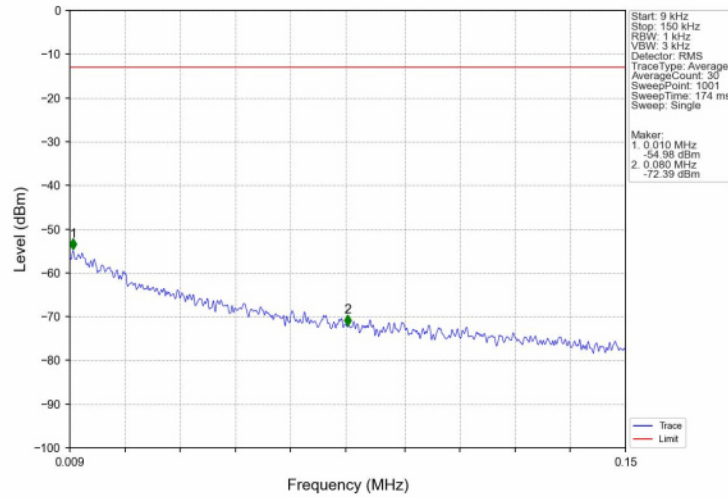
## 6.2 Test Graph

### 6.2.1 Band4

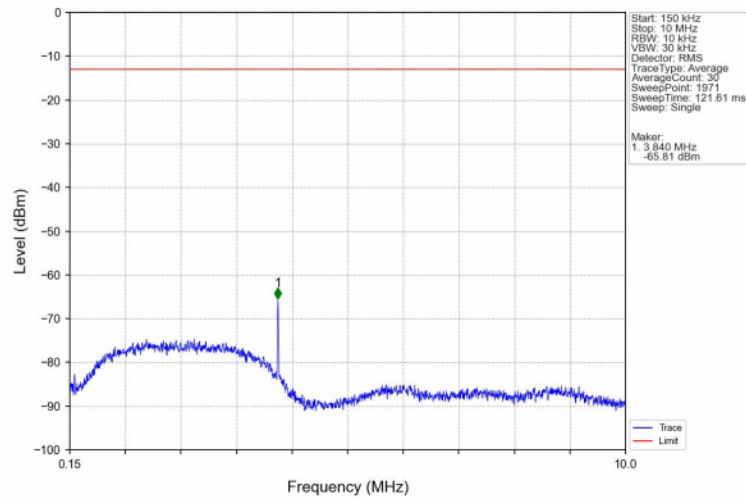
Band4\_RMC\_LCH\_1712.4MHz\_12.2kbps RMC\_NTNV



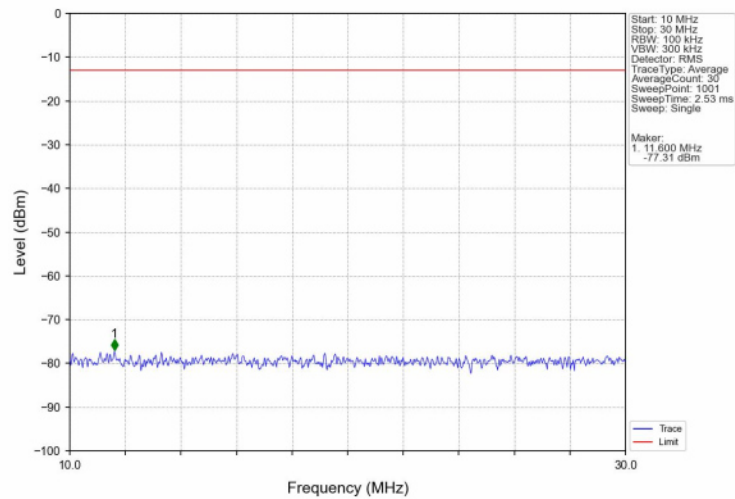
Band4\_RMC\_LCH\_1712.4MHz\_12.2kbps RMC\_NTNV



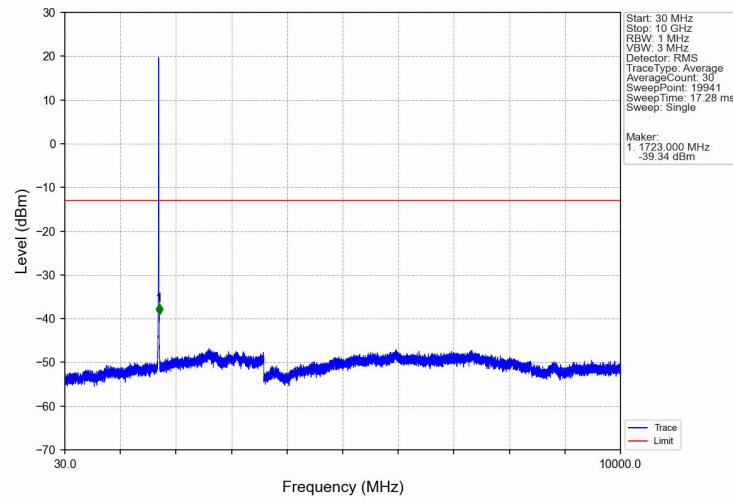
Band4\_RMC\_LCH\_1712.4MHz\_12.2kbps RMC\_NTNV



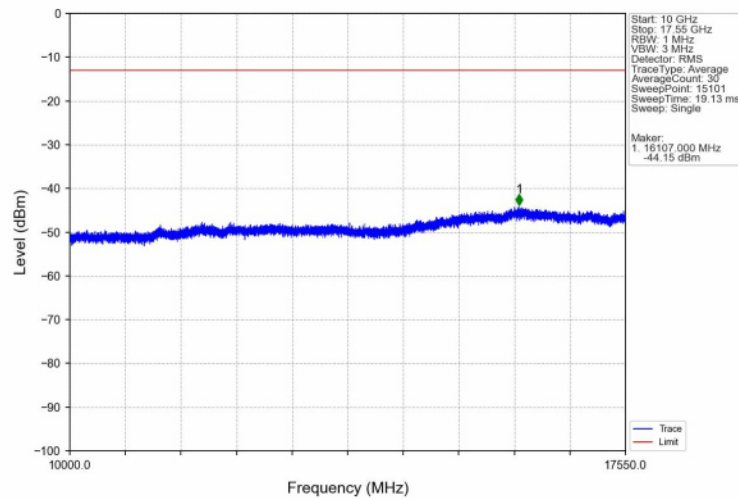
Band4\_RMC\_LCH\_1712.4MHz\_12.2kbps RMC\_NTNV



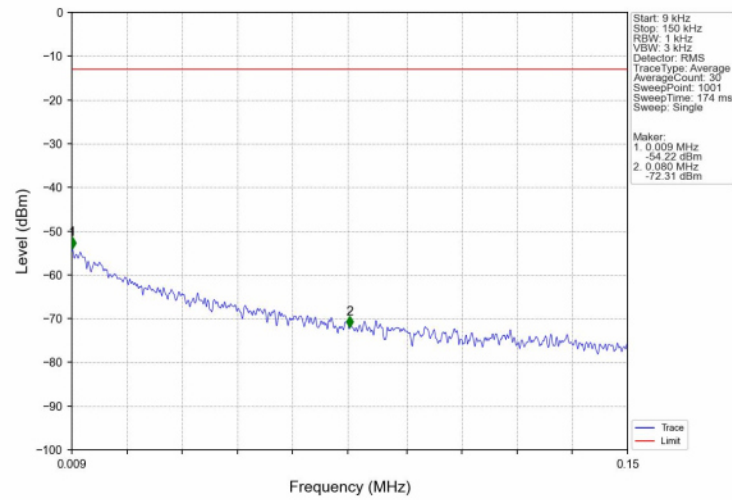
### Band4\_RMC\_LCH\_1712.4MHz\_12.2kbps RMC\_NTNV



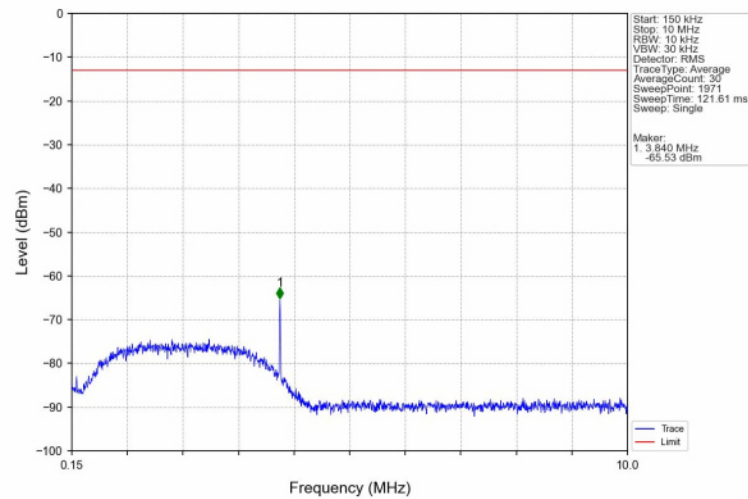
### Band4\_RMC\_LCH\_1712.4MHz\_12.2kbps RMC\_NTNV



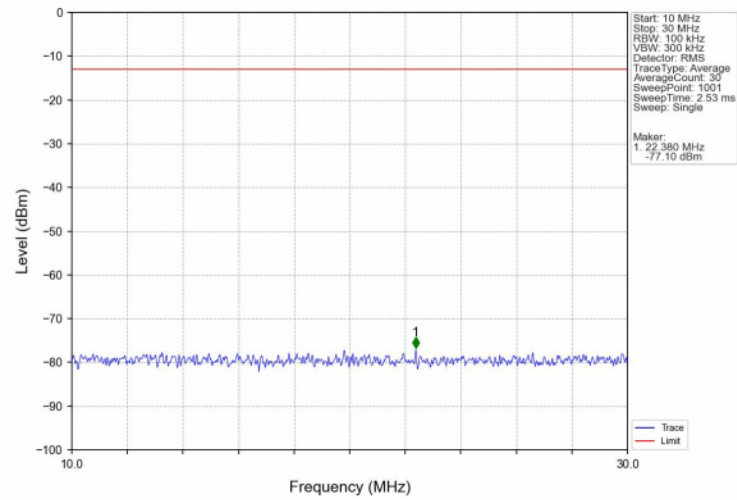
### Band4\_RMC\_MCH\_1732.6MHz\_12.2kbps RMC\_NTNV



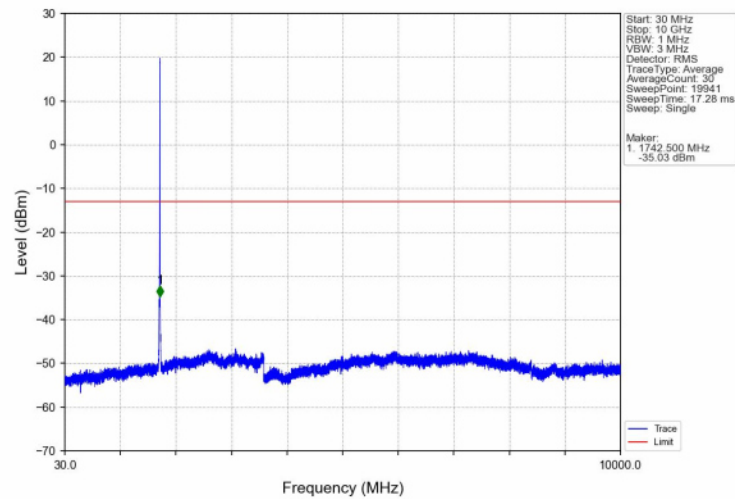
### Band4\_RMC\_MCH\_1732.6MHz\_12.2kbps RMC\_NTNV



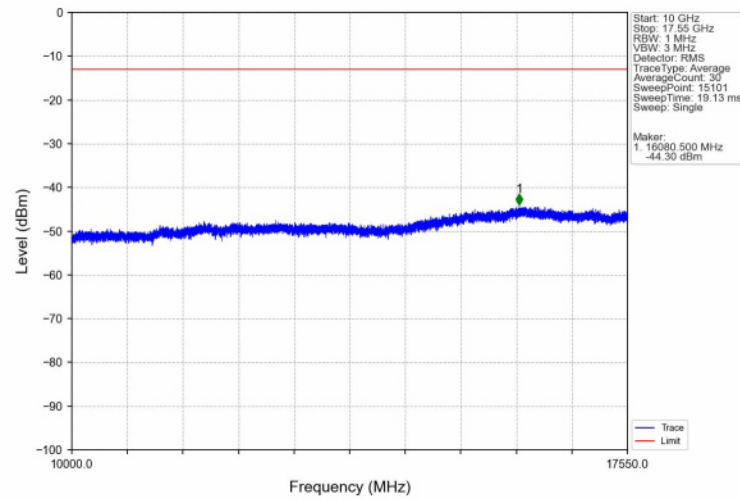
Band4\_RMC\_MCH\_1732.6MHz\_12.2kbps RMC\_NTNV



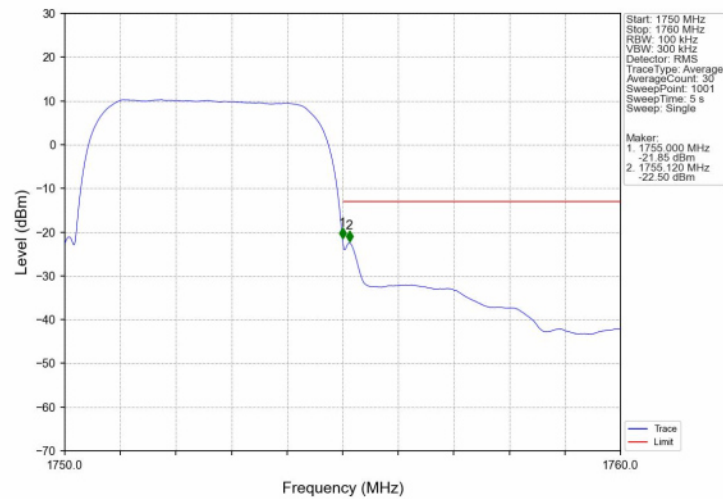
Band4\_RMC\_MCH\_1732.6MHz\_12.2kbps RMC\_NTNV



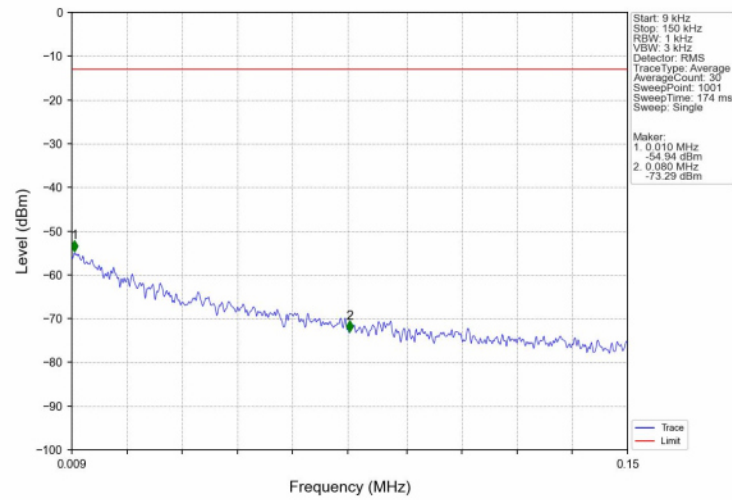
### Band4\_RMC\_MCH\_1732.6MHz\_12.2kbps RMC\_NTNV



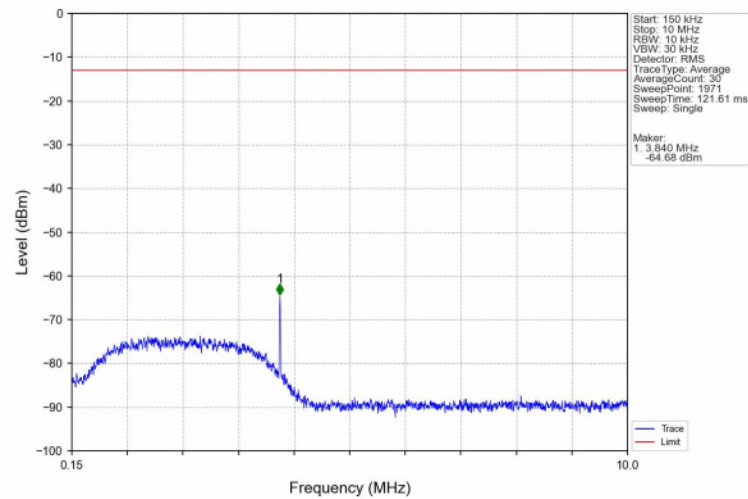
### Band4\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



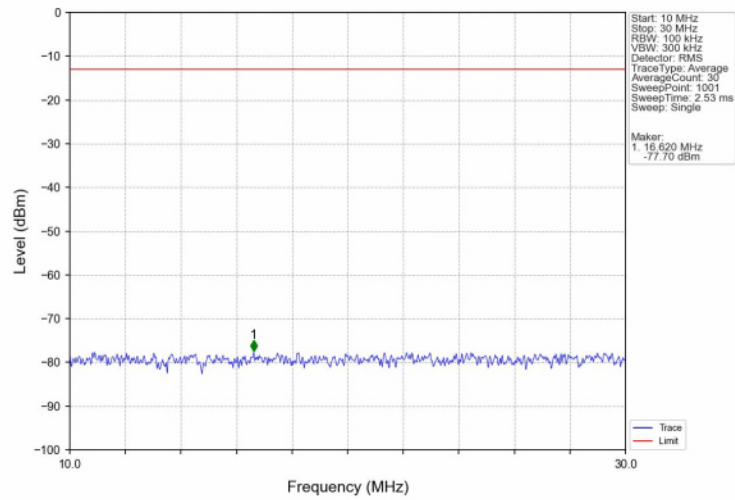
### Band4\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



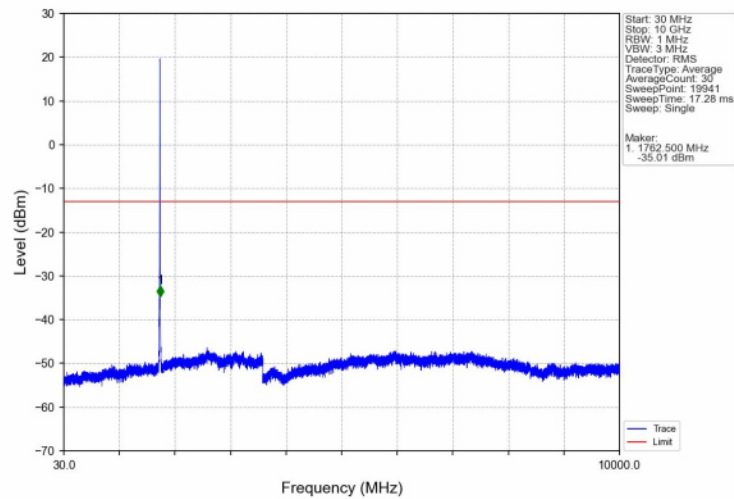
### Band4\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



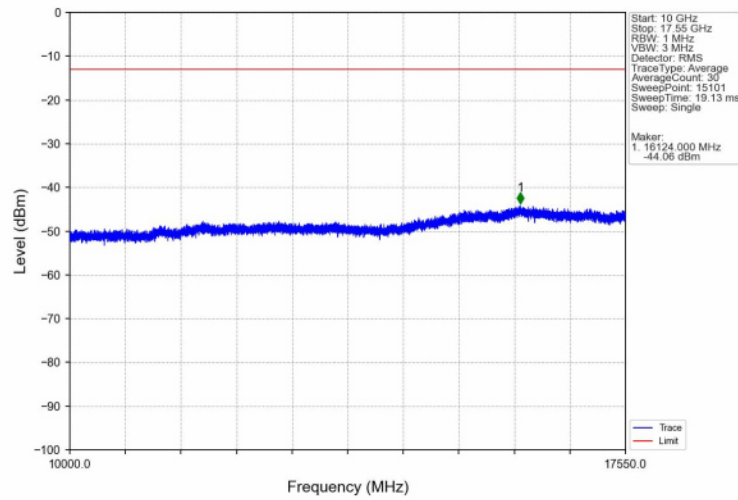
### Band4\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



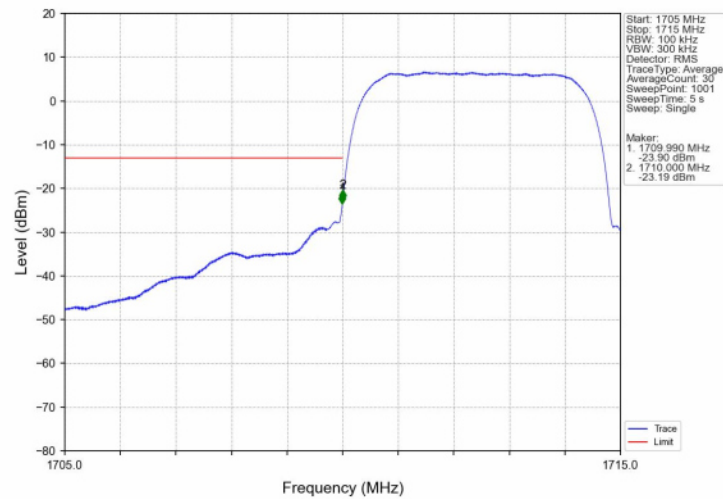
### Band4\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



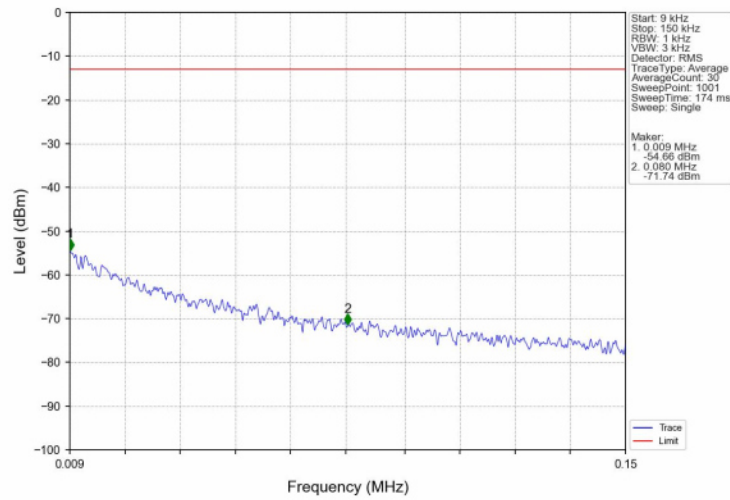
### Band4\_RMC\_HCH\_1752.6MHz\_12.2kbps\_RMC\_NTNV



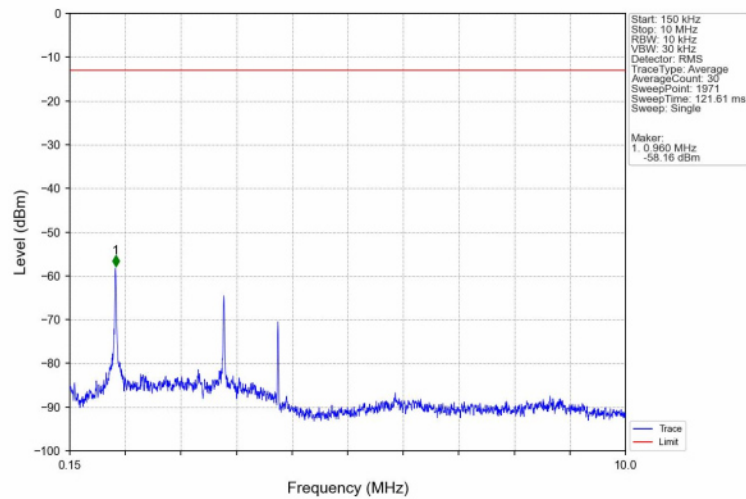
### Band4\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



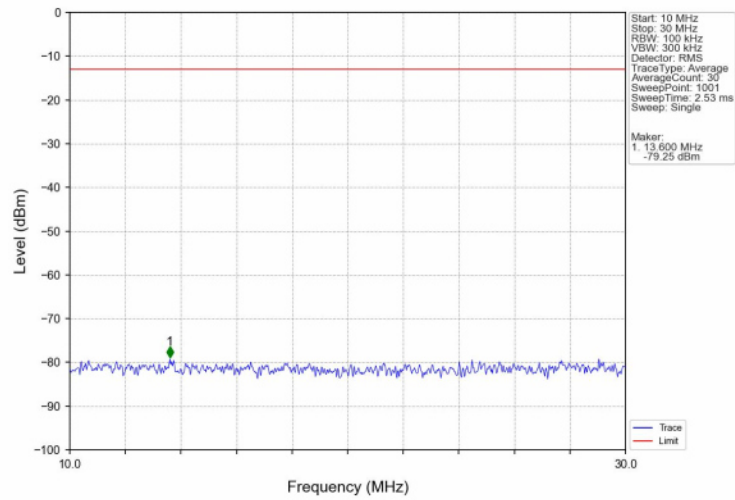
### Band4\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



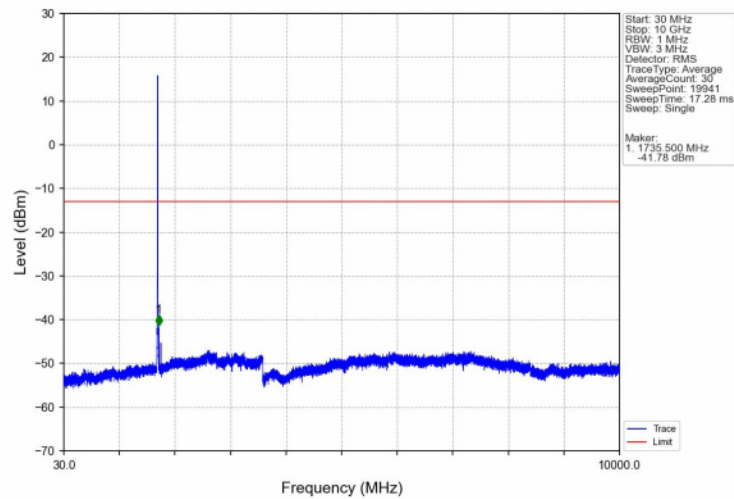
### Band4\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



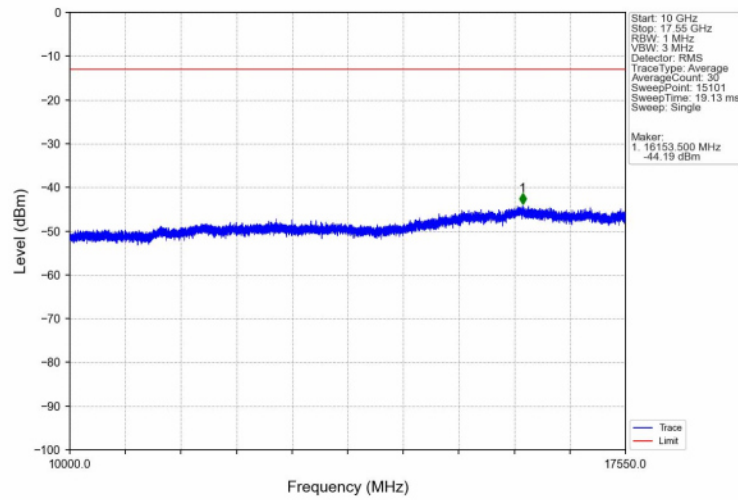
### Band4\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



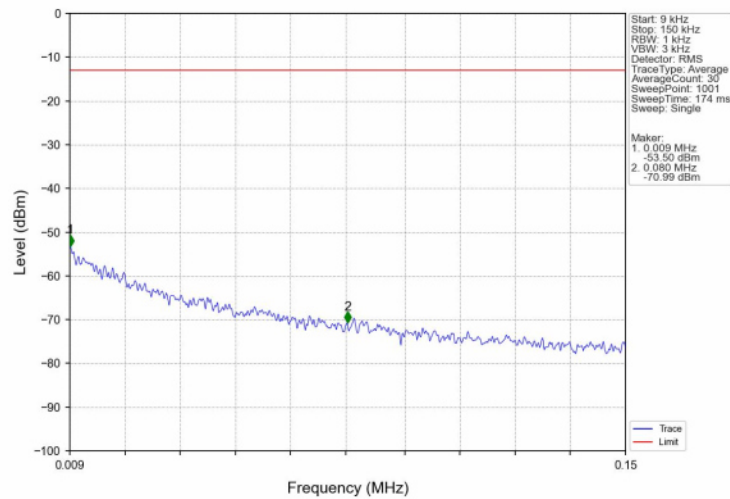
### Band4\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



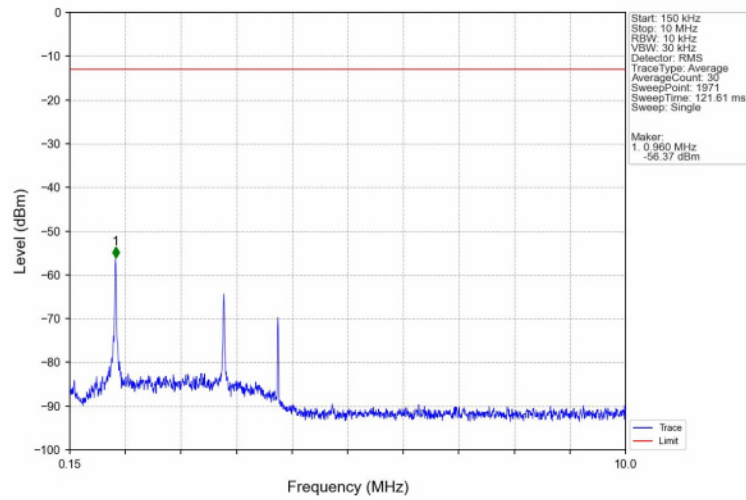
### Band4\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



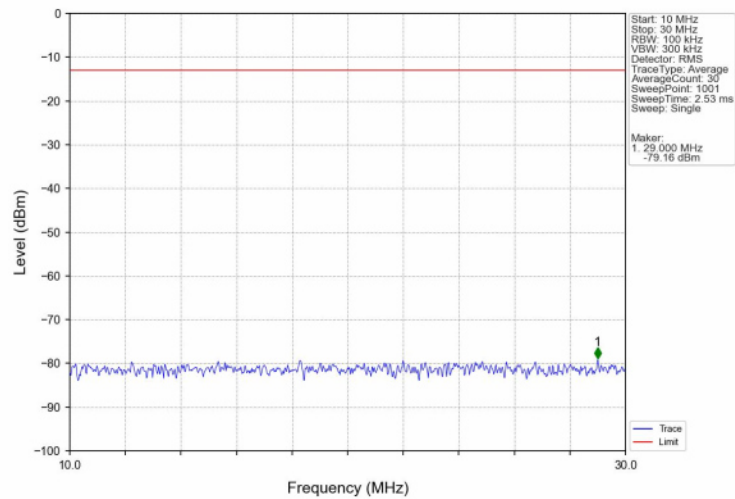
### Band4\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



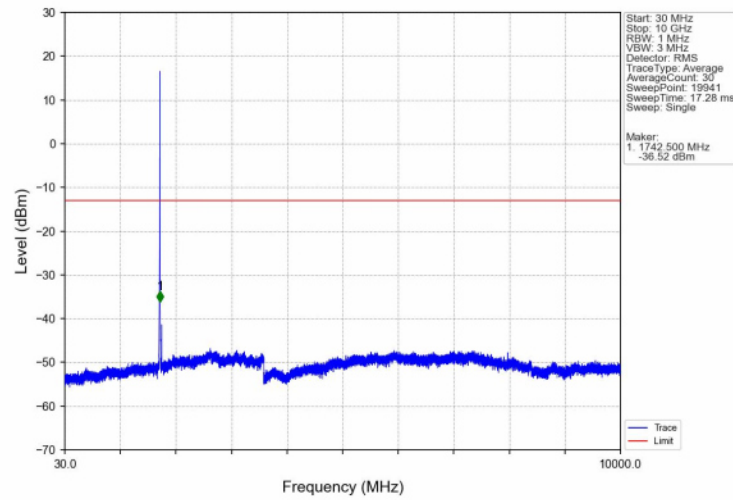
Band4\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



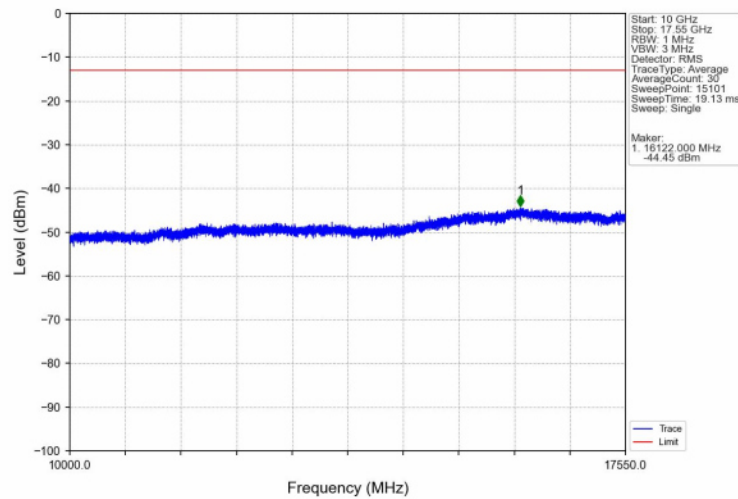
Band4\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



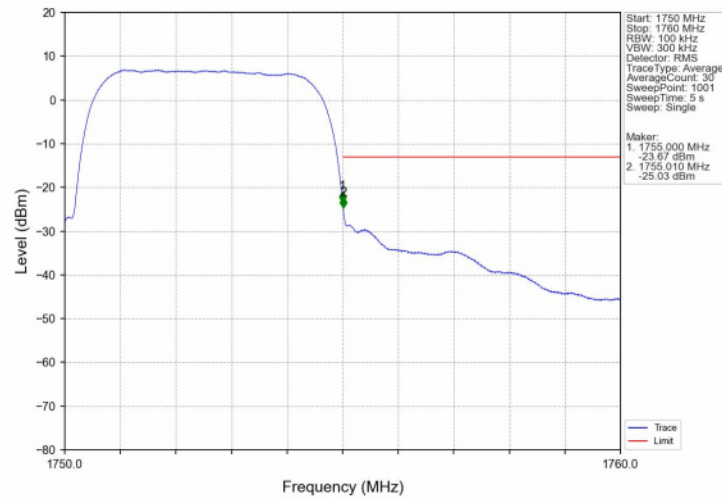
### Band4\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



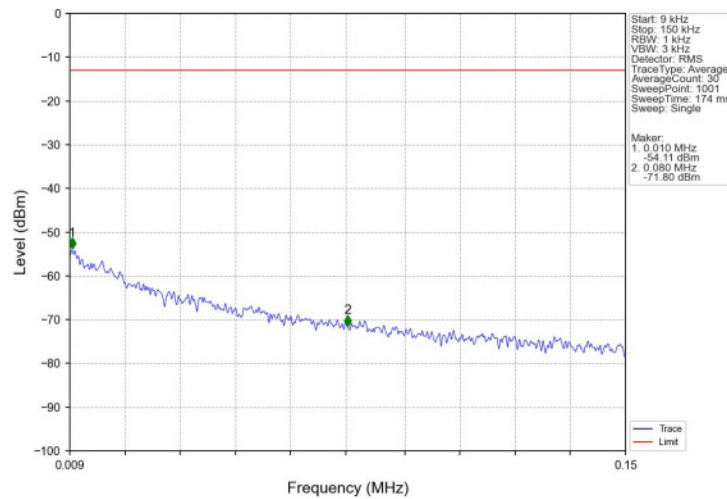
### Band4\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



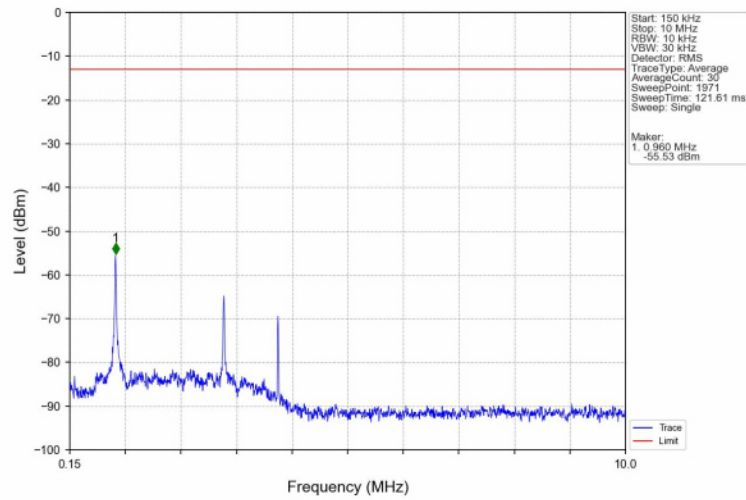
### Band4\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



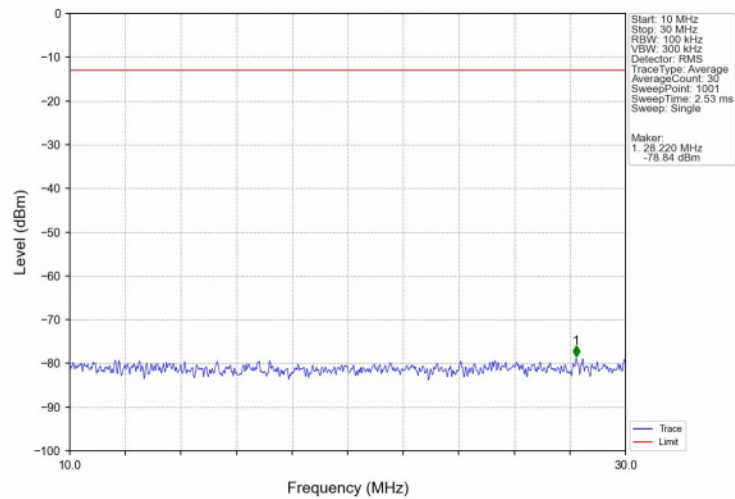
### Band4\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



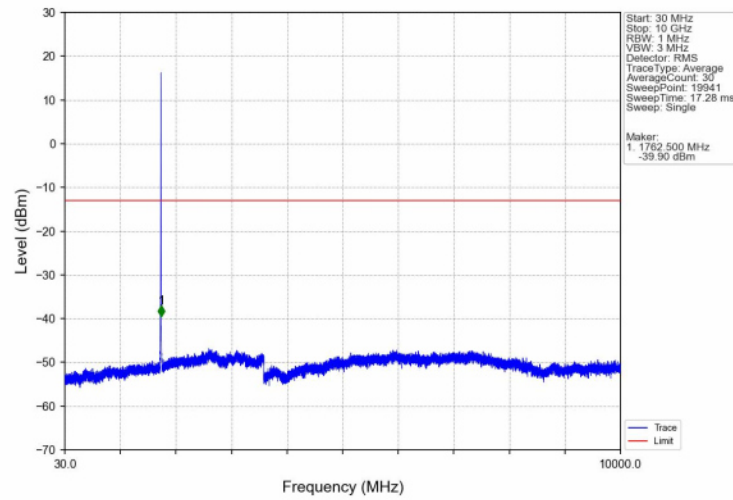
### Band4\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



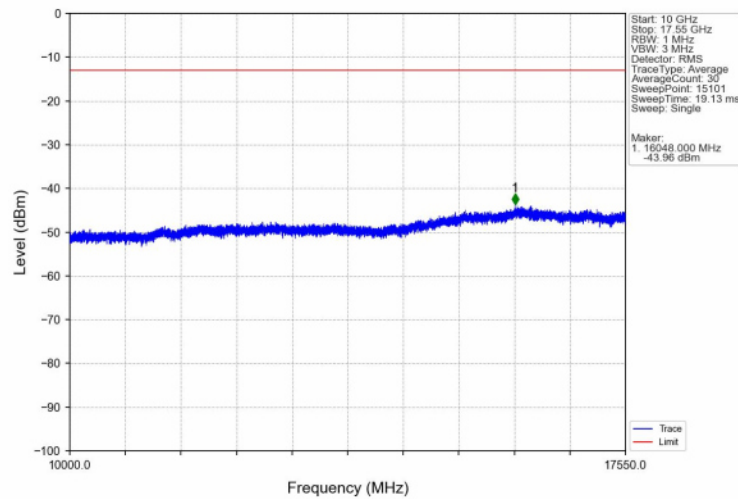
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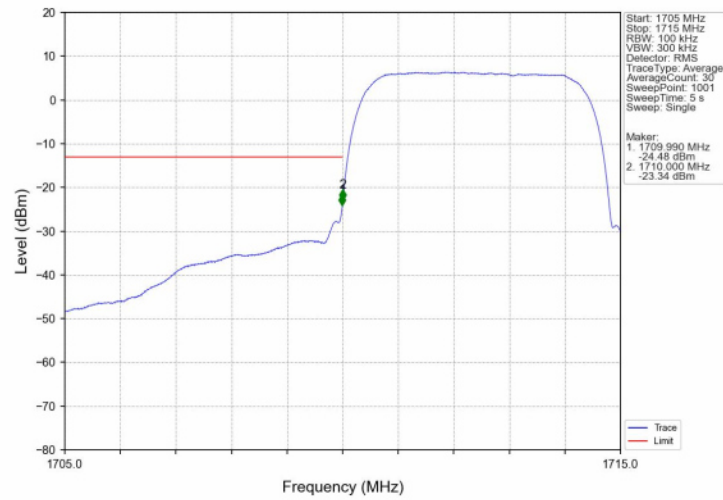
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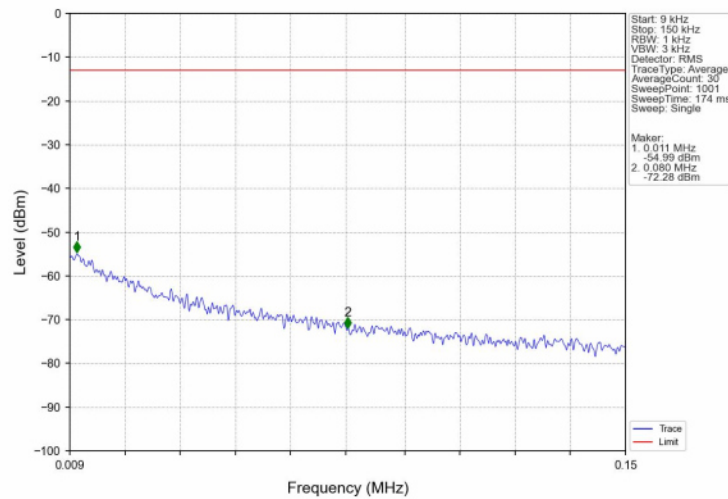
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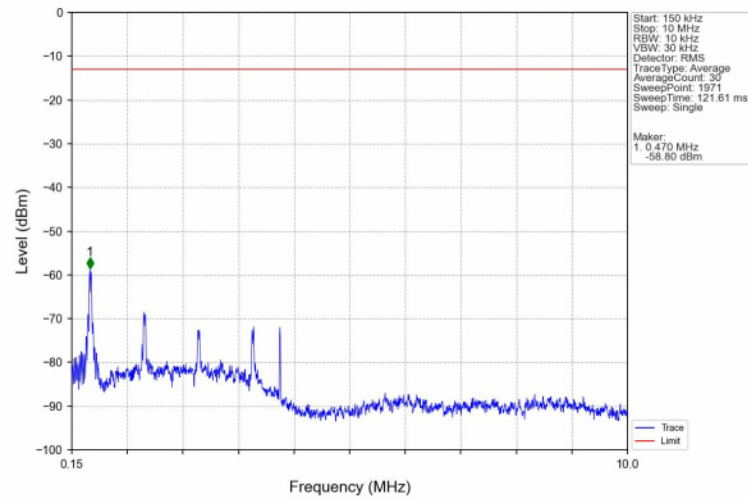
### Band4\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



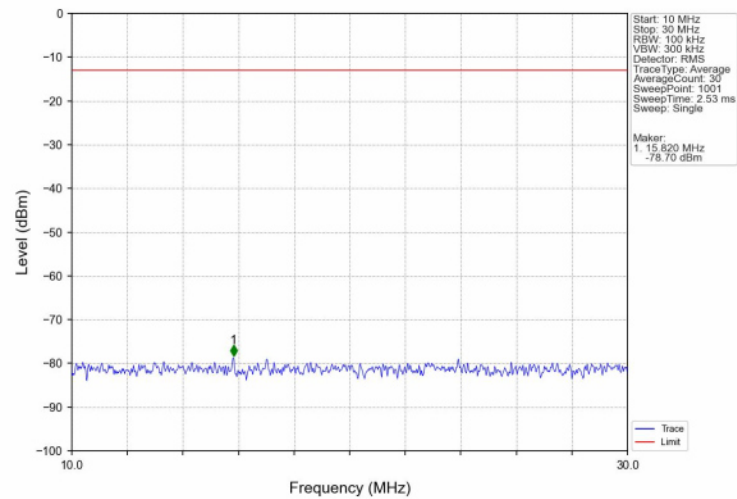
### Band4\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



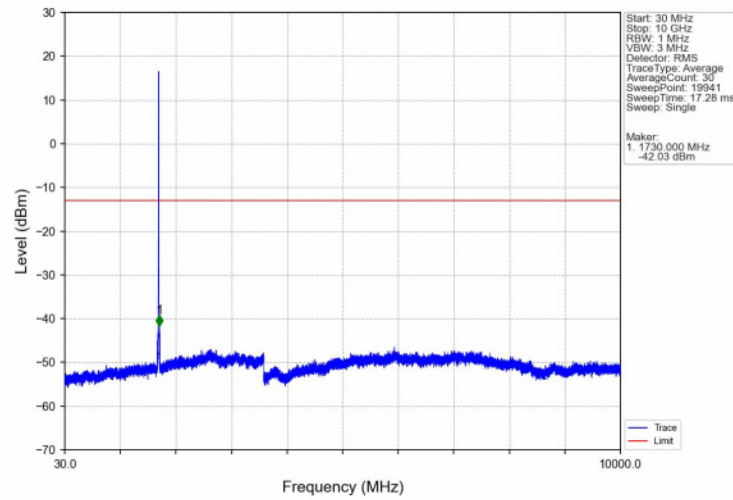
Band4\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



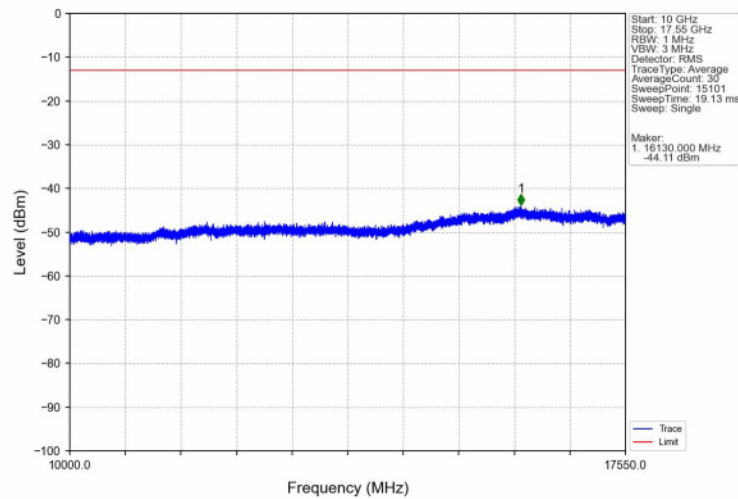
Band4\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



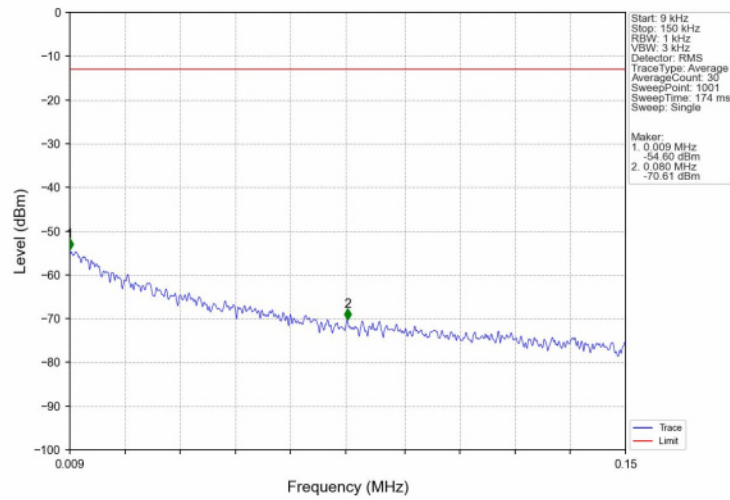
### Band4\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



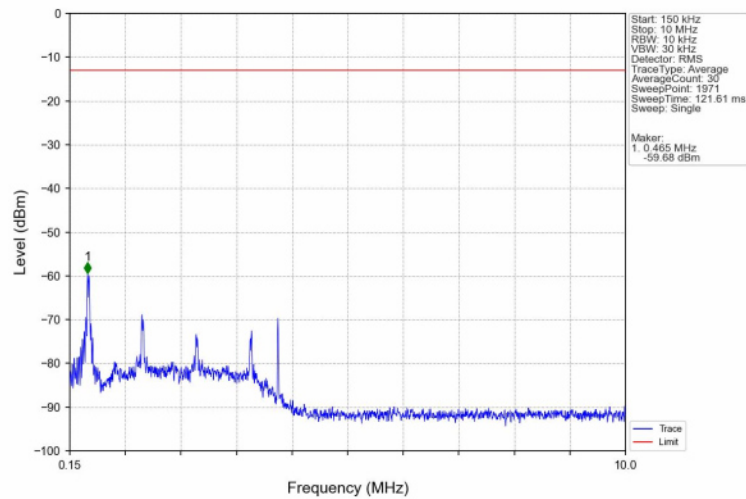
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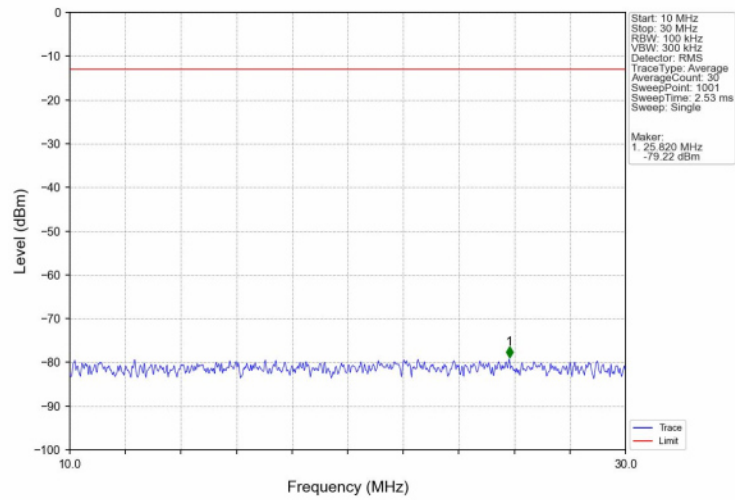
### Band4\_HSUPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



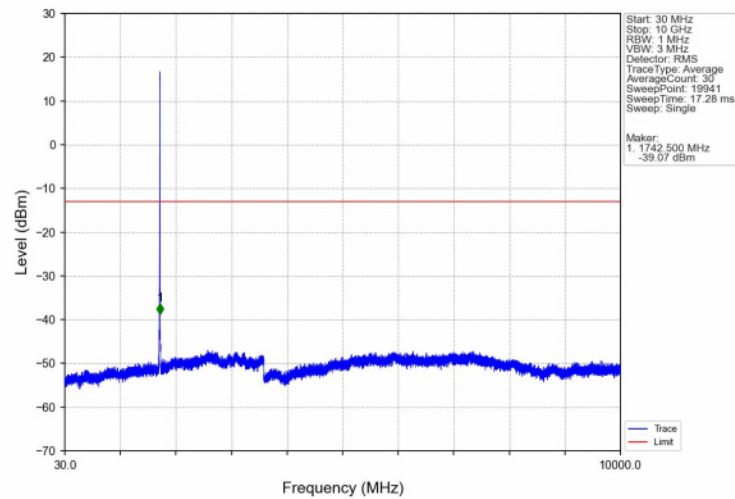
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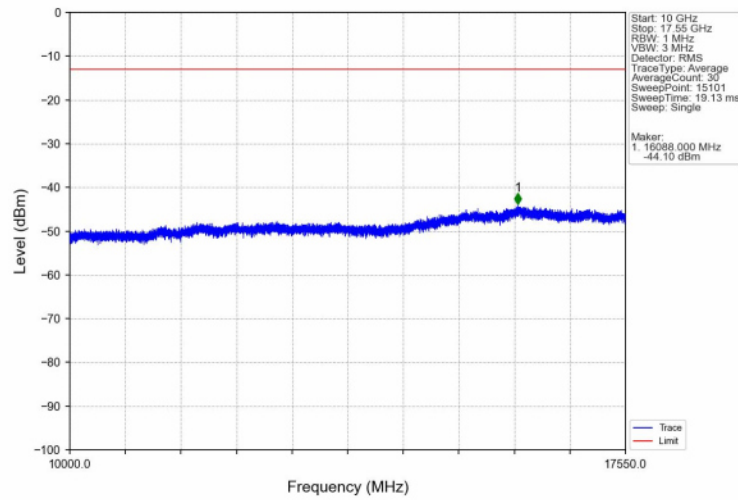
### Band4\_HSUPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



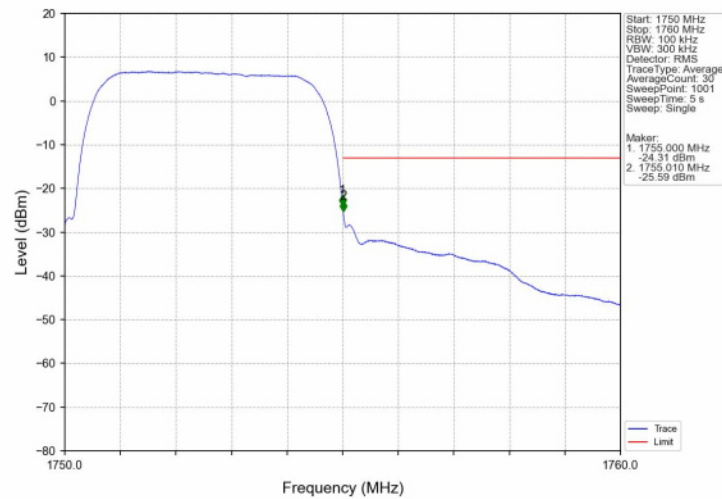
### Band4\_HSUPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



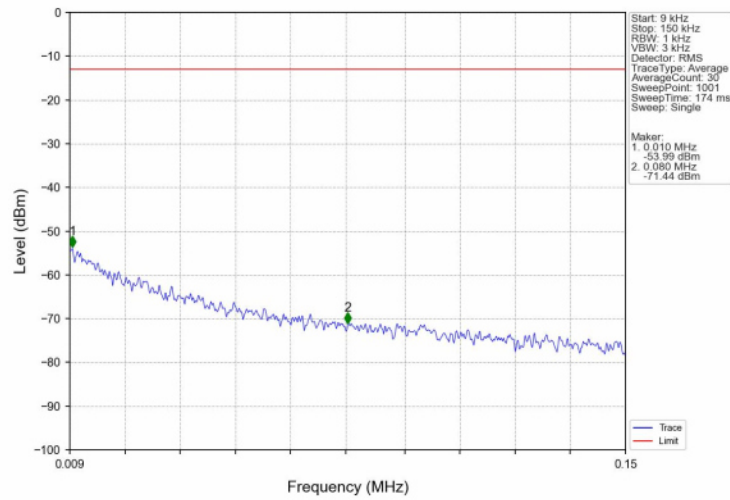
### Band4\_HSUPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



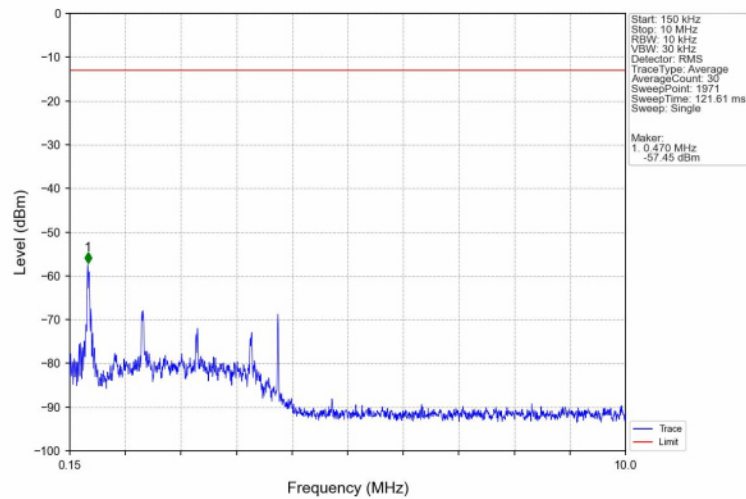
### Band4\_HSUPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



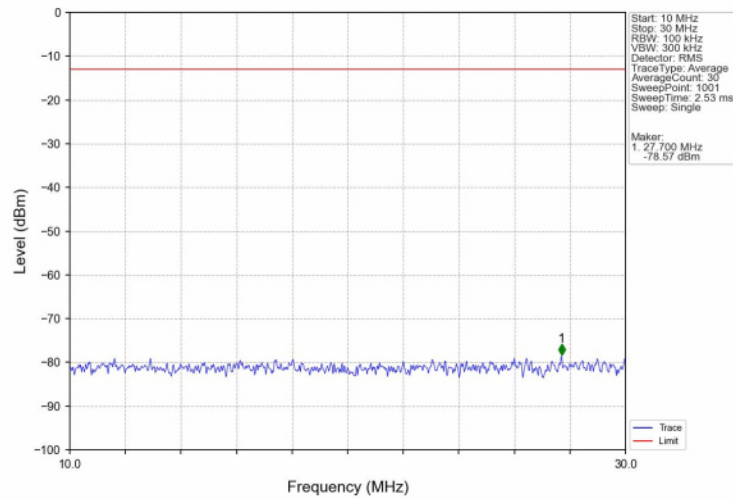
### Band4\_HSUPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



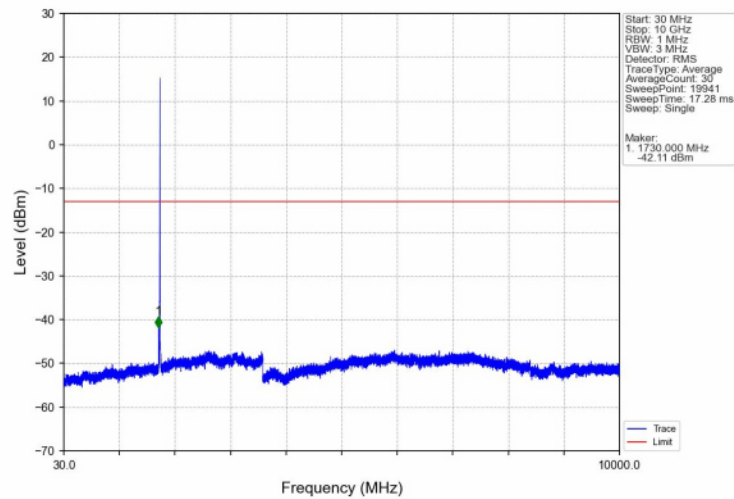
### Band4\_HSUPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



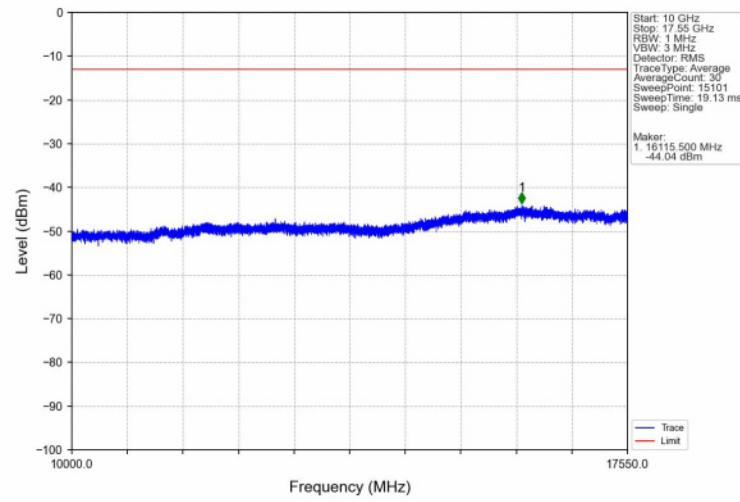
### Band4\_HSUPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



### Band4\_HSUPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



# Band4\_HSUPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



## 7. Form731

### 7.1 Test Result

#### 7.1.1 Form731\_Power

| Band | BW   | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|------|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 4    | 3.84 | 1712.4     | 1752.6    | 0.3184        | 0.0115 | ppm    | 4M18F9W             | 27L        | 25.03           |

#### 7.1.2 Form731\_EIRP

| Band | BW   | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|------|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 4    | 3.84 | 1712.4     | 1752.6    | 0.3873        | 0.0115 | ppm    | 4M18F9W             | 27L        | 25.88           |

\*\*\*\*\* End of Report \*\*\*\*\*