

| Band: IV  |           |              |                    |                          |               |            |       |         |      |
|-----------|-----------|--------------|--------------------|--------------------------|---------------|------------|-------|---------|------|
| ENV       | Mode      |              | Frequency<br>(MHz) | Conducted Power<br>(dBm) | Gain<br>(dBi) | EIRP (dBm) |       | Verdict |      |
|           | Network   | Subset       |                    |                          |               | Result     | Limit |         |      |
| NTNV      | RMC       | 12.2kbps RMC | 1712.4             | 23.88                    | -1.71         | 22.17      | <=30  | Pass    |      |
|           |           |              | 1732.6             | 23.61                    | -1.71         | 21.90      | <=30  | Pass    |      |
|           |           |              | 1752.6             | 23.73                    | -1.71         | 22.02      | <=30  | Pass    |      |
|           | HSDPA     | Subtest 1    | 1712.4             | 21.46                    | -1.71         | 19.75      | <=30  | Pass    |      |
|           |           | Subtest 2    | 1712.4             | 21.45                    | -1.71         | 19.74      | <=30  | Pass    |      |
|           |           | Subtest 3    | 1712.4             | 21.44                    | -1.71         | 19.73      | <=30  | Pass    |      |
|           |           | Subtest 4    | 1712.4             | 21.43                    | -1.71         | 19.72      | <=30  | Pass    |      |
|           |           | Subtest 1    | 1732.6             | 21.74                    | -1.71         | 20.03      | <=30  | Pass    |      |
|           |           | Subtest 2    | 1732.6             | 21.74                    | -1.71         | 20.03      | <=30  | Pass    |      |
|           |           | Subtest 3    | 1732.6             | 21.74                    | -1.71         | 20.03      | <=30  | Pass    |      |
|           |           | Subtest 4    | 1732.6             | 21.74                    | -1.71         | 20.03      | <=30  | Pass    |      |
|           |           | Subtest 1    | 1752.6             | 21.26                    | -1.71         | 19.55      | <=30  | Pass    |      |
|           |           | Subtest 2    | 1752.6             | 21.25                    | -1.71         | 19.54      | <=30  | Pass    |      |
|           |           | Subtest 3    | 1752.6             | 21.25                    | -1.71         | 19.54      | <=30  | Pass    |      |
|           |           | Subtest 4    | 1752.6             | 21.25                    | -1.71         | 19.54      | <=30  | Pass    |      |
|           |           | HSUPA        | Subtest 1          | 1712.4                   | 19.09         | -1.71      | 17.38 | <=30    | Pass |
|           |           |              | Subtest 2          | 1712.4                   | 18.91         | -1.71      | 17.20 | <=30    | Pass |
|           |           |              | Subtest 3          | 1712.4                   | 19.09         | -1.71      | 17.38 | <=30    | Pass |
|           |           |              | Subtest 4          | 1712.4                   | 19.35         | -1.71      | 17.64 | <=30    | Pass |
|           |           |              | Subtest 5          | 1712.4                   | 19.32         | -1.71      | 17.61 | <=30    | Pass |
|           |           |              | Subtest 1          | 1732.6                   | 18.94         | -1.71      | 17.23 | <=30    | Pass |
|           |           |              | Subtest 2          | 1732.6                   | 18.95         | -1.71      | 17.24 | <=30    | Pass |
|           | Subtest 3 |              | 1732.6             | 18.98                    | -1.71         | 17.27      | <=30  | Pass    |      |
|           | Subtest 4 |              | 1732.6             | 18.77                    | -1.71         | 17.06      | <=30  | Pass    |      |
|           | Subtest 5 |              | 1732.6             | 19.11                    | -1.71         | 17.40      | <=30  | Pass    |      |
|           | Subtest 1 |              | 1752.6             | 18.86                    | -1.71         | 17.15      | <=30  | Pass    |      |
|           | Subtest 2 |              | 1752.6             | 18.85                    | -1.71         | 17.14      | <=30  | Pass    |      |
|           | Subtest 3 |              | 1752.6             | 18.70                    | -1.71         | 16.99      | <=30  | Pass    |      |
| Subtest 4 | 1752.6    |              | 19.17              | -1.71                    | 17.46         | <=30       | Pass  |         |      |
| Subtest 5 | 1752.6    |              | 19.07              | -1.71                    | 17.36         | <=30       | Pass  |         |      |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 Band IV

| Band: IV |                 |            |               |                  |                       |             |         |
|----------|-----------------|------------|---------------|------------------|-----------------------|-------------|---------|
| Network  | Frequency (MHz) | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|          |                 |            |               |                  | Result                | Limit       |         |
| RMC      | 1712.4          | 20         | 3.7           | 1.545            | 0.0009                | -2.5 to 2.5 | Pass    |
|          |                 |            | 3.91          | -2.704           | -0.0016               | -2.5 to 2.5 | Pass    |
|          |                 |            | 4.3           | -0.937           | -0.0005               | -2.5 to 2.5 | Pass    |
|          |                 | -30        | 3.91          | 0.558            | 0.0003                | -2.5 to 2.5 | Pass    |
|          |                 | -20        | 3.91          | 1.910            | 0.0011                | -2.5 to 2.5 | Pass    |
|          |                 | -10        | 3.91          | 0.801            | 0.0005                | -2.5 to 2.5 | Pass    |
|          |                 | 0          | 3.91          | 2.174            | 0.0013                | -2.5 to 2.5 | Pass    |
|          |                 | 10         | 3.91          | 0.765            | 0.0004                | -2.5 to 2.5 | Pass    |
|          |                 | 30         | 3.91          | 2.639            | 0.0015                | -2.5 to 2.5 | Pass    |
|          |                 | 40         | 3.91          | 0.901            | 0.0005                | -2.5 to 2.5 | Pass    |
|          |                 | 50         | 3.91          | 2.110            | 0.0012                | -2.5 to 2.5 | Pass    |
|          | 1732.6          | 20         | 3.7           | -2.210           | -0.0013               | -2.5 to 2.5 | Pass    |
|          |                 |            | 3.91          | -4.642           | -0.0027               | -2.5 to 2.5 | Pass    |
|          |                 |            | 4.3           | -4.606           | -0.0027               | -2.5 to 2.5 | Pass    |
|          |                 | -30        | 3.91          | -3.812           | -0.0022               | -2.5 to 2.5 | Pass    |
|          |                 | -20        | 3.91          | -3.319           | -0.0019               | -2.5 to 2.5 | Pass    |
|          |                 | -10        | 3.91          | -3.140           | -0.0018               | -2.5 to 2.5 | Pass    |
|          |                 | 0          | 3.91          | -1.996           | -0.0012               | -2.5 to 2.5 | Pass    |
|          |                 | 10         | 3.91          | -1.245           | -0.0007               | -2.5 to 2.5 | Pass    |
|          |                 | 30         | 3.91          | -1.788           | -0.0010               | -2.5 to 2.5 | Pass    |
|          |                 | 40         | 3.91          | -2.403           | -0.0014               | -2.5 to 2.5 | Pass    |
|          |                 | 50         | 3.91          | -1.731           | -0.0010               | -2.5 to 2.5 | Pass    |
|          | 1752.6          | 20         | 3.7           | -2.003           | -0.0011               | -2.5 to 2.5 | Pass    |
|          |                 |            | 3.91          | 2.060            | 0.0012                | -2.5 to 2.5 | Pass    |
|          |                 |            | 4.3           | 0.894            | 0.0005                | -2.5 to 2.5 | Pass    |
|          |                 | -30        | 3.91          | -1.960           | -0.0011               | -2.5 to 2.5 | Pass    |
|          |                 | -20        | 3.91          | -1.059           | -0.0006               | -2.5 to 2.5 | Pass    |
|          |                 | -10        | 3.91          | 1.817            | 0.0010                | -2.5 to 2.5 | Pass    |
|          |                 | 0          | 3.91          | 0.114            | 0.0001                | -2.5 to 2.5 | Pass    |
|          |                 | 10         | 3.91          | -2.332           | -0.0013               | -2.5 to 2.5 | Pass    |
|          |                 | 30         | 3.91          | -2.639           | -0.0015               | -2.5 to 2.5 | Pass    |
|          |                 | 40         | 3.91          | -0.751           | -0.0004               | -2.5 to 2.5 | Pass    |
|          |                 | 50         | 3.91          | -3.669           | -0.0021               | -2.5 to 2.5 | Pass    |
| HSDPA    | 1712.4          | 20         | 3.7           | 6.731            | 0.0039                | -2.5 to 2.5 | Pass    |
|          |                 |            | 3.91          | 0.880            | 0.0005                | -2.5 to 2.5 | Pass    |
|          |                 |            | 4.3           | 2.561            | 0.0015                | -2.5 to 2.5 | Pass    |
|          |                 | -30        | 3.91          | 2.518            | 0.0015                | -2.5 to 2.5 | Pass    |
|          |                 | -20        | 3.91          | 0.916            | 0.0005                | -2.5 to 2.5 | Pass    |
|          |                 | -10        | 3.91          | 0.966            | 0.0006                | -2.5 to 2.5 | Pass    |
|          |                 | 0          | 3.91          | -0.114           | -0.0001               | -2.5 to 2.5 | Pass    |
|          |                 | 10         | 3.91          | 0.558            | 0.0003                | -2.5 to 2.5 | Pass    |
|          |                 | 30         | 3.91          | 2.918            | 0.0017                | -2.5 to 2.5 | Pass    |
|          |                 | 40         | 3.91          | 0.587            | 0.0003                | -2.5 to 2.5 | Pass    |
|          |                 | 50         | 3.91          | 3.240            | 0.0019                | -2.5 to 2.5 | Pass    |
|          | 1732.6          | 20         | 3.7           | -2.546           | -0.0015               | -2.5 to 2.5 | Pass    |
|          |                 |            | 3.91          | -7.052           | -0.0041               | -2.5 to 2.5 | Pass    |
|          |                 |            | 4.3           | -6.001           | -0.0035               | -2.5 to 2.5 | Pass    |

|       |        |     |      |        |         |             |      |
|-------|--------|-----|------|--------|---------|-------------|------|
|       |        | -30 | 3.91 | -4.635 | -0.0027 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.91 | -5.715 | -0.0033 | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.91 | -5.057 | -0.0029 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.91 | -4.914 | -0.0028 | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.91 | -4.835 | -0.0028 | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.91 | -1.788 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.91 | -4.656 | -0.0027 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.91 | -5.858 | -0.0034 | -2.5 to 2.5 | Pass |
|       | 1752.6 | 20  | 3.7  | -3.598 | -0.0021 | -2.5 to 2.5 | Pass |
|       |        |     | 3.91 | -0.908 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |     | 4.3  | -0.701 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.91 | -2.089 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.91 | -1.924 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.91 | 0.114  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.91 | -1.130 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.91 | -2.396 | -0.0014 | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.91 | -0.973 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.91 | -1.810 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.91 | -4.241 | -0.0024 | -2.5 to 2.5 | Pass |
| HSUPA | 1712.4 | 20  | 3.7  | 8.211  | 0.0048  | -2.5 to 2.5 | Pass |
|       |        |     | 3.91 | 4.213  | 0.0025  | -2.5 to 2.5 | Pass |
|       |        |     | 4.3  | 4.256  | 0.0025  | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.91 | 3.133  | 0.0018  | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.91 | 4.785  | 0.0028  | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.91 | 5.021  | 0.0029  | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.91 | 3.283  | 0.0019  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.91 | 5.758  | 0.0034  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.91 | 3.448  | 0.0020  | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.91 | 3.541  | 0.0021  | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.91 | 6.273  | 0.0037  | -2.5 to 2.5 | Pass |
|       | 1732.6 | 20  | 3.7  | 8.590  | 0.0050  | -2.5 to 2.5 | Pass |
|       |        |     | 3.91 | 2.360  | 0.0014  | -2.5 to 2.5 | Pass |
|       |        |     | 4.3  | 3.226  | 0.0019  | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.91 | 2.546  | 0.0015  | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.91 | 5.307  | 0.0031  | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.91 | 2.561  | 0.0015  | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.91 | 6.230  | 0.0036  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.91 | 2.360  | 0.0014  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.91 | 4.156  | 0.0024  | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.91 | 4.642  | 0.0027  | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.91 | 6.330  | 0.0037  | -2.5 to 2.5 | Pass |
|       | 1752.6 | 20  | 3.7  | 1.237  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |     | 3.91 | -2.897 | -0.0017 | -2.5 to 2.5 | Pass |
|       |        |     | 4.3  | -6.330 | -0.0036 | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.91 | -5.121 | -0.0029 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.91 | -3.226 | -0.0018 | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.91 | -4.728 | -0.0027 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.91 | -3.297 | -0.0019 | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.91 | -5.779 | -0.0033 | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.91 | -5.271 | -0.0030 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.91 | -3.612 | -0.0021 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.91 | -2.160 | -0.0012 | -2.5 to 2.5 | Pass |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 BandIV\_OBW

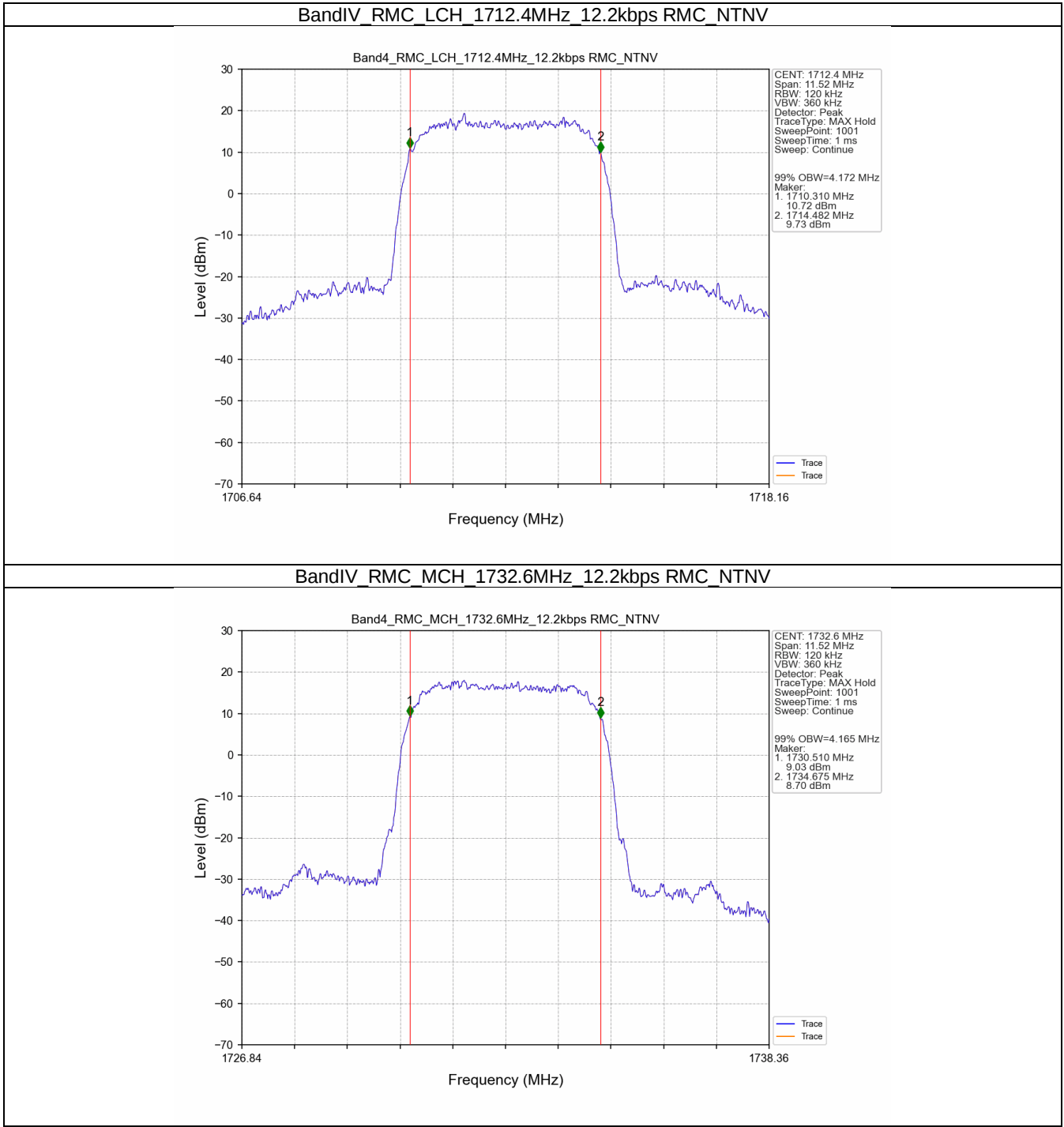
| Band: IV |         |              |                 |                              |       |         |
|----------|---------|--------------|-----------------|------------------------------|-------|---------|
| ENV      | Mode    |              | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |       | Verdict |
|          | Network | Subset       |                 | Result                       | Limit |         |
| NTNV     | RMC     | 12.2kbps RMC | 1712.4          | 4.172                        | /     | Pass    |
|          |         |              | 1732.6          | 4.165                        | /     | Pass    |
|          |         |              | 1752.6          | 4.164                        | /     | Pass    |
|          | HSDPA   | Subtest 1    | 1712.4          | 4.154                        | /     | Pass    |
|          |         |              | 1732.6          | 4.168                        | /     | Pass    |
|          |         |              | 1752.6          | 4.151                        | /     | Pass    |
|          | HSUPA   | Subtest 1    | 1712.4          | 4.172                        | /     | Pass    |
|          |         |              | 1732.6          | 4.159                        | /     | Pass    |
|          |         |              | 1752.6          | 4.181                        | /     | Pass    |

##### 3.1.2 BandIV\_XDB

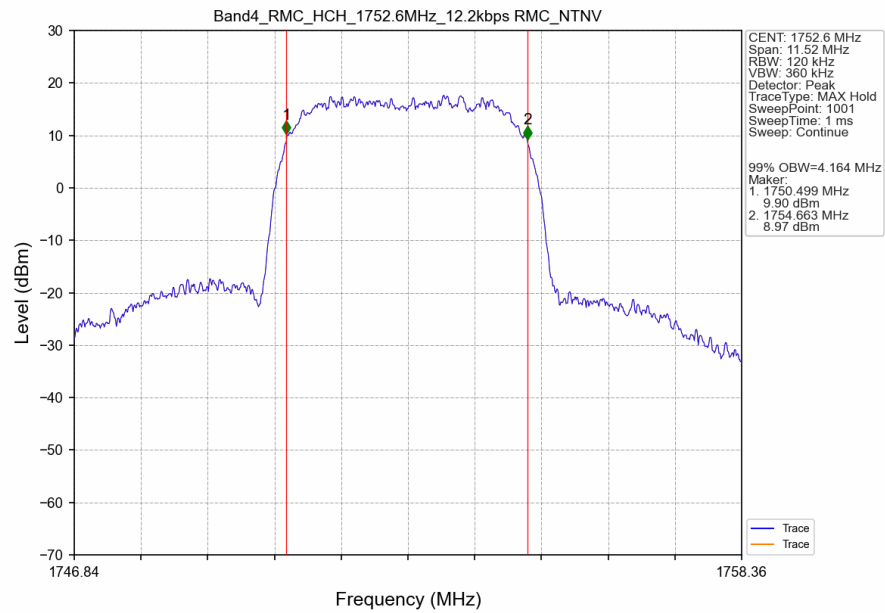
| Band: IV |         |              |                 |                      |       |         |
|----------|---------|--------------|-----------------|----------------------|-------|---------|
| ENV      | Mode    |              | Frequency (MHz) | 26dB Bandwidth (MHz) |       | Verdict |
|          | Network | Subset       |                 | Result               | Limit |         |
| NTNV     | RMC     | 12.2kbps RMC | 1712.4          | 4.721                | /     | Pass    |
|          |         |              | 1732.6          | 4.740                | /     | Pass    |
|          |         |              | 1752.6          | 4.755                | /     | Pass    |
|          | HSDPA   | Subtest 1    | 1712.4          | 4.725                | /     | Pass    |
|          |         |              | 1732.6          | 4.733                | /     | Pass    |
|          |         |              | 1752.6          | 4.719                | /     | Pass    |
|          | HSUPA   | Subtest 1    | 1712.4          | 4.722                | /     | Pass    |
|          |         |              | 1732.6          | 4.738                | /     | Pass    |
|          |         |              | 1752.6          | 4.787                | /     | Pass    |

3.2 Test Graph

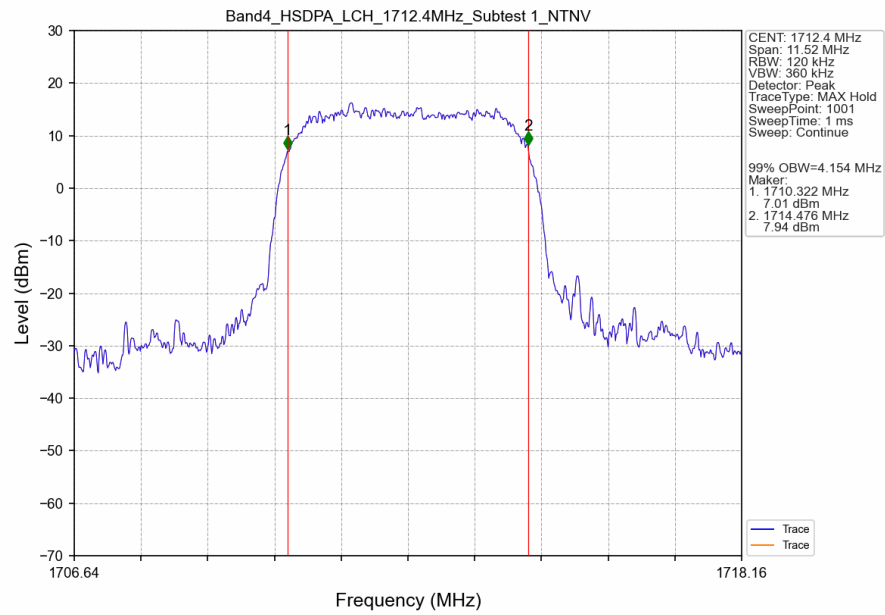
3.2.1 BandIV\_OBW



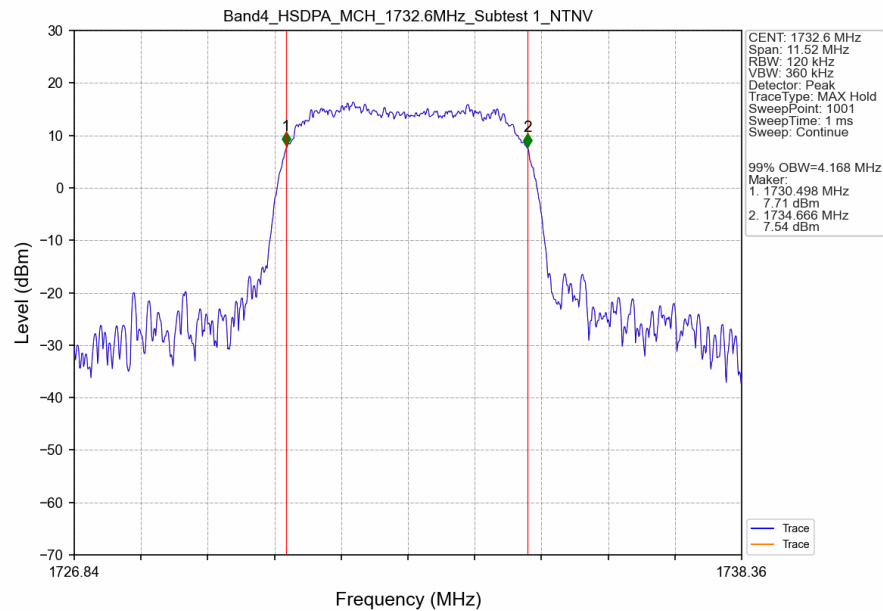
# BandIV\_RMC\_HCH\_1752.6MHz\_12.2kbps\_RMC\_NTNV



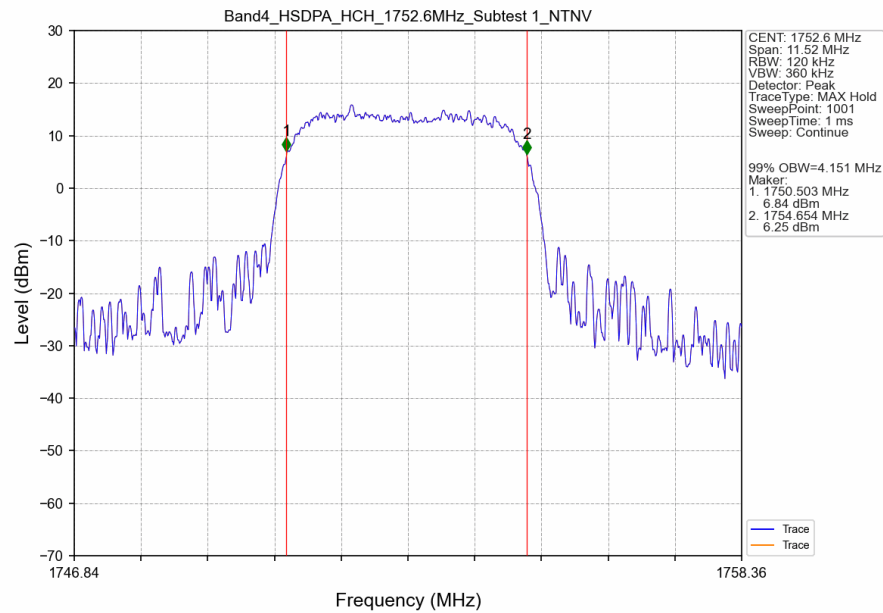
# BandIV\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



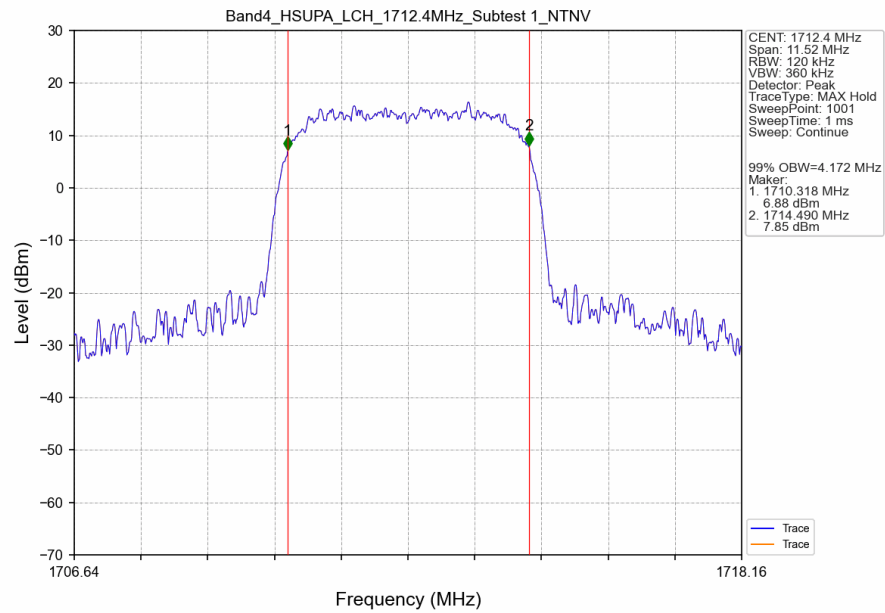
BandIV\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



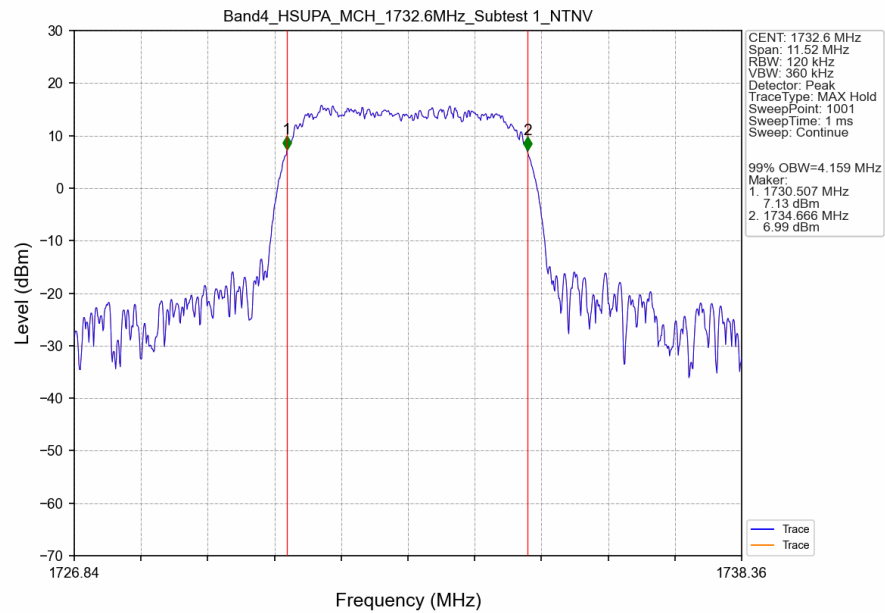
BandIV\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



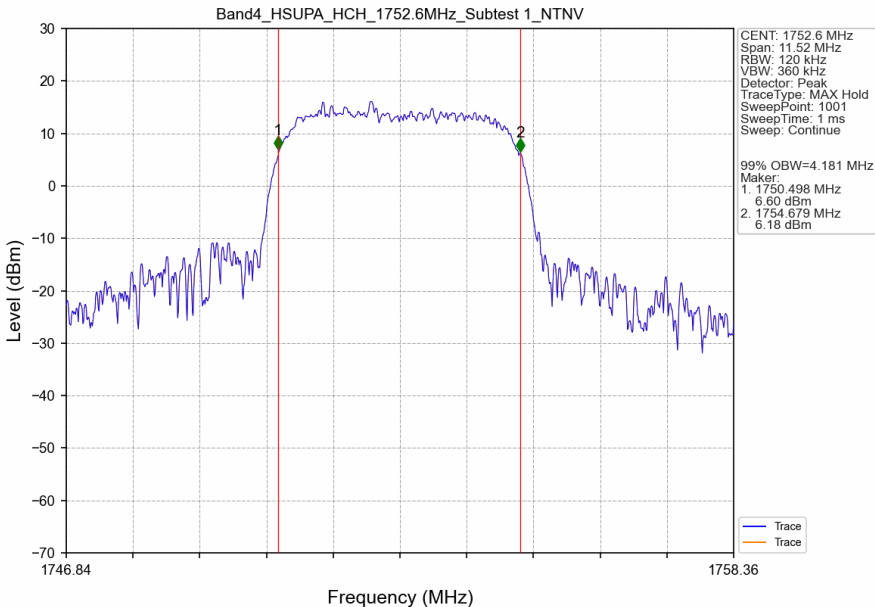
# BandIV\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



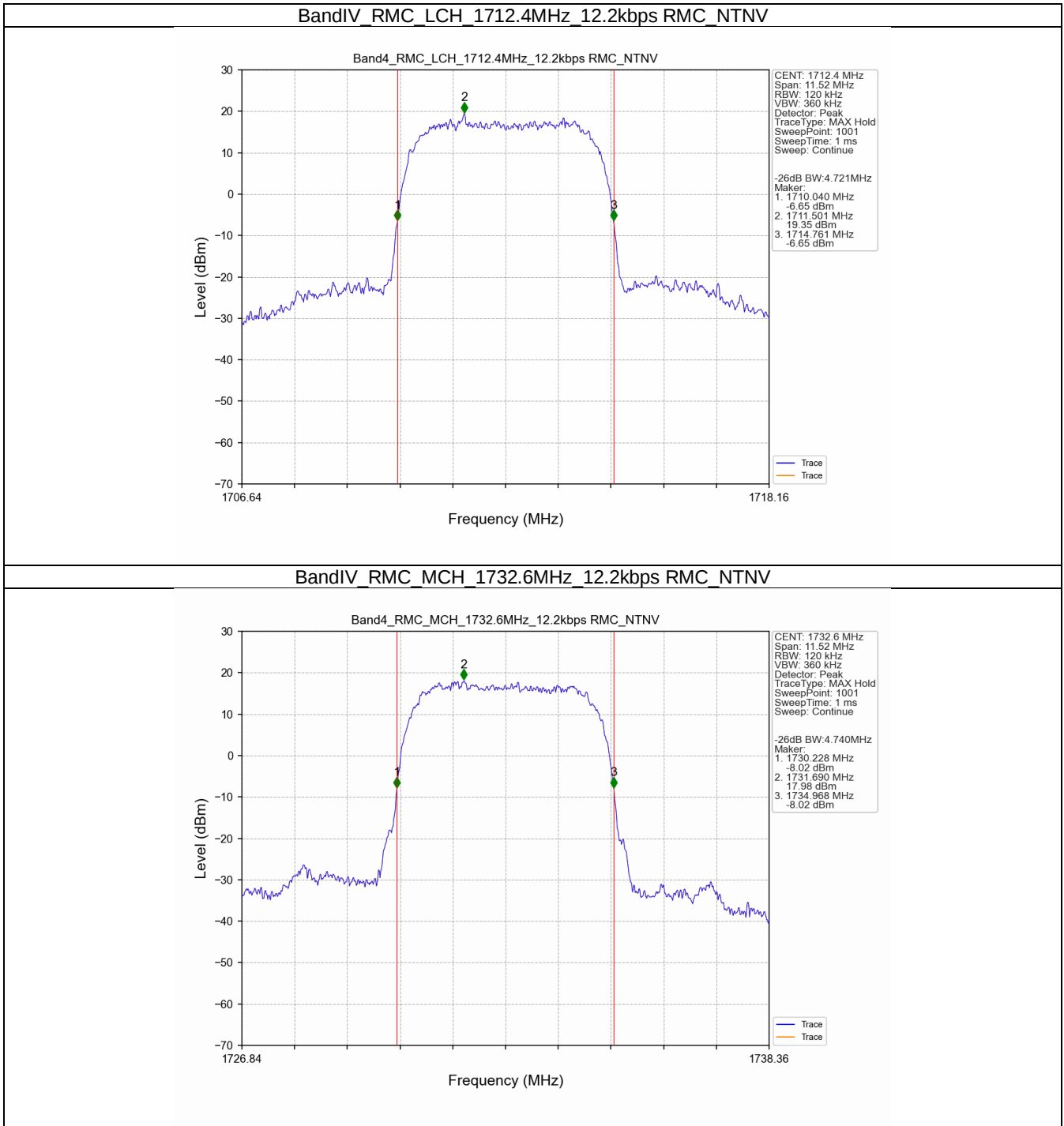
# BandIV\_HSUPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



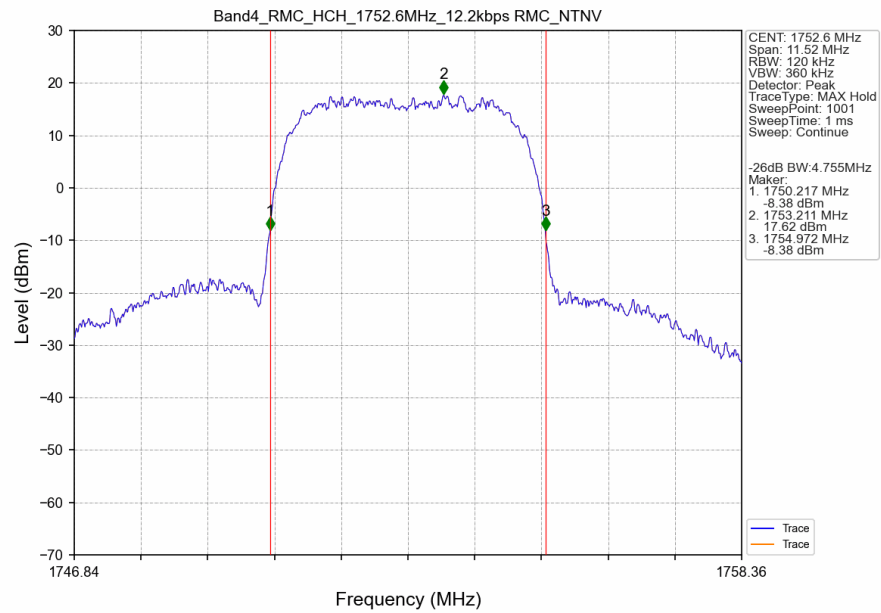
BandIV HSUPA HCH 1752.6MHz Subtest 1 NTV



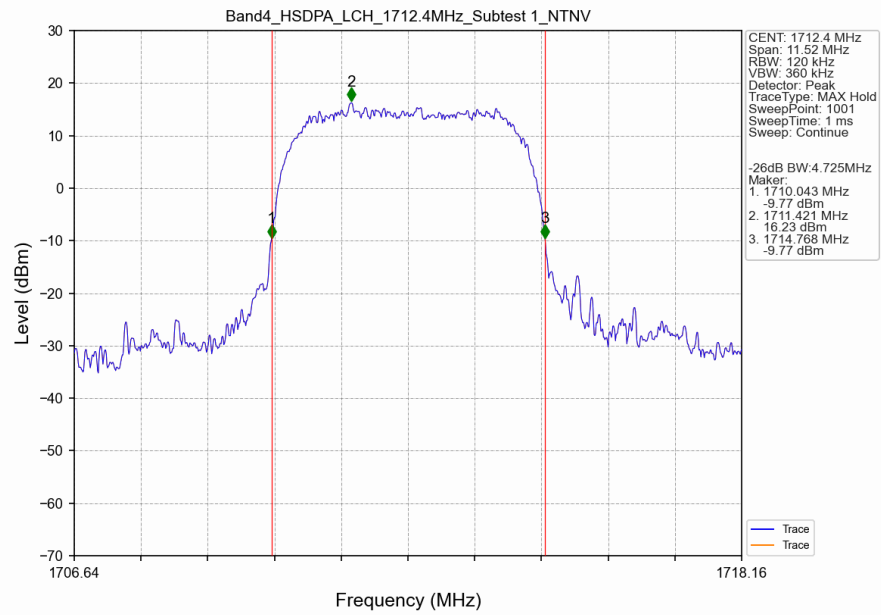
3.2.2 BandIV\_XDB



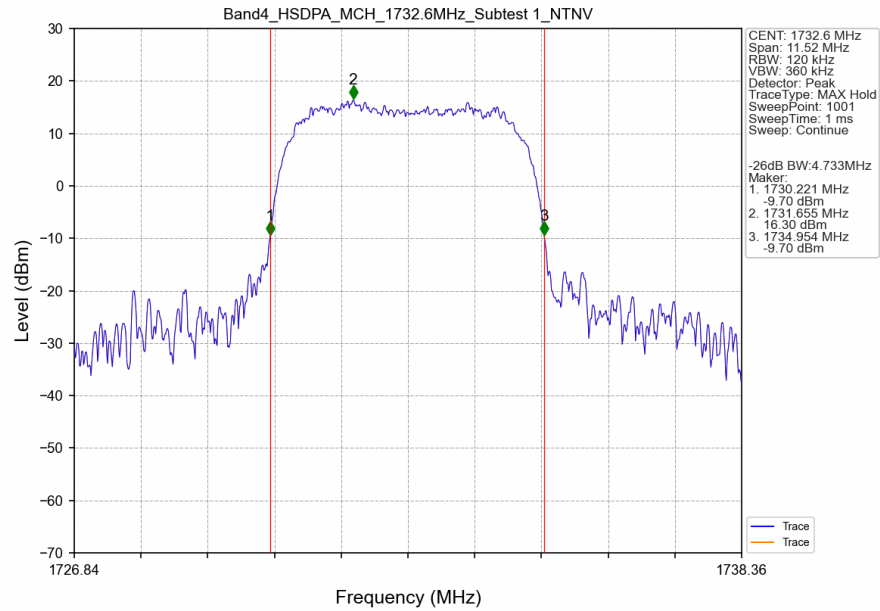
# BandIV\_RMC\_HCH\_1752.6MHz\_12.2kbps\_RMC\_NTNV



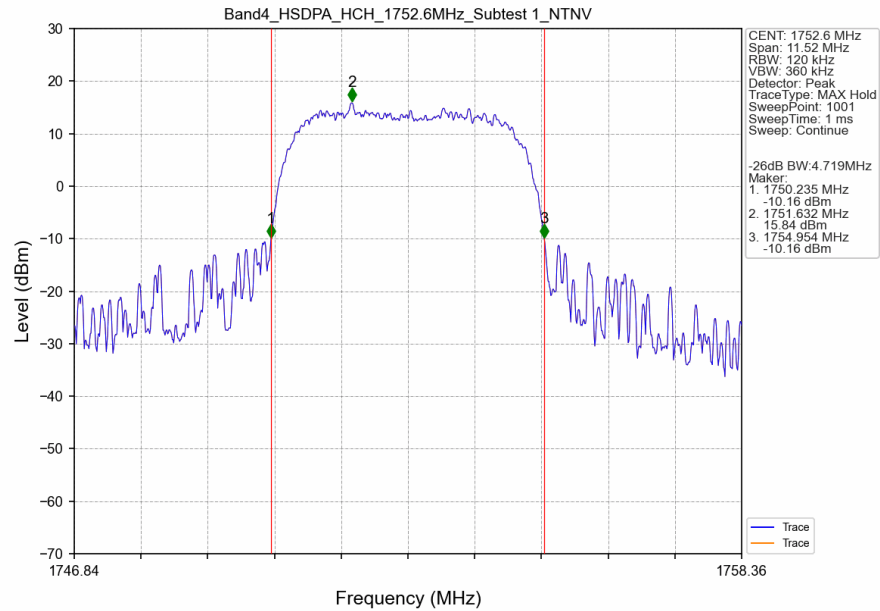
# BandIV\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



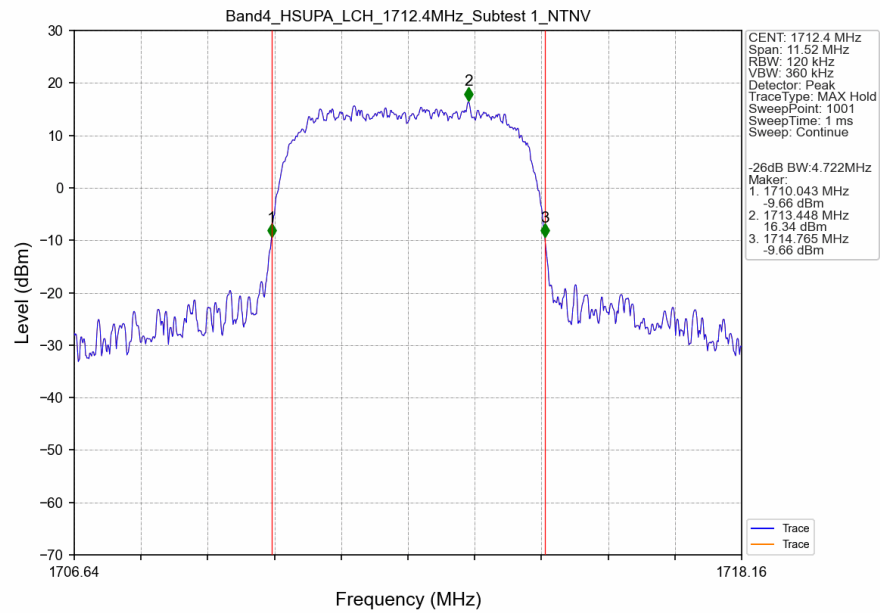
# BandIV\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



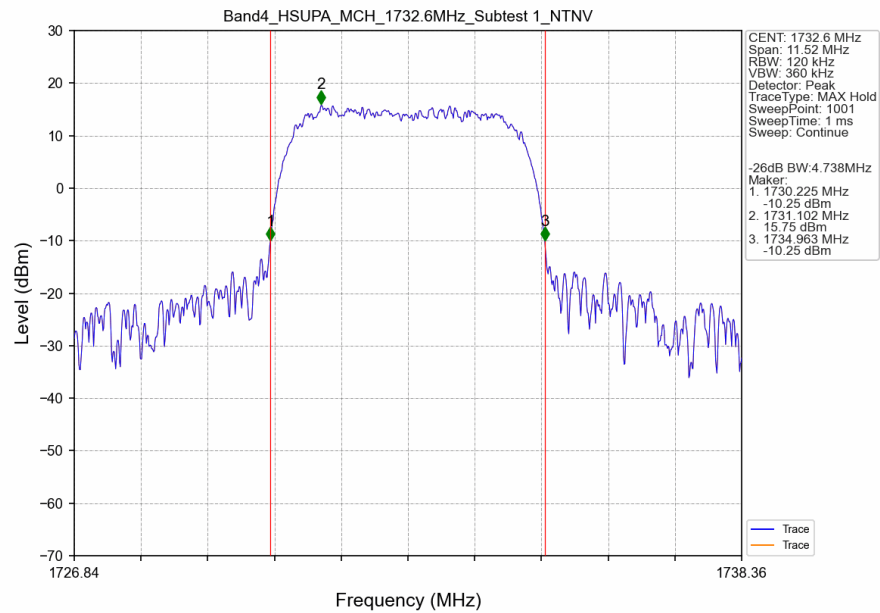
# BandIV\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



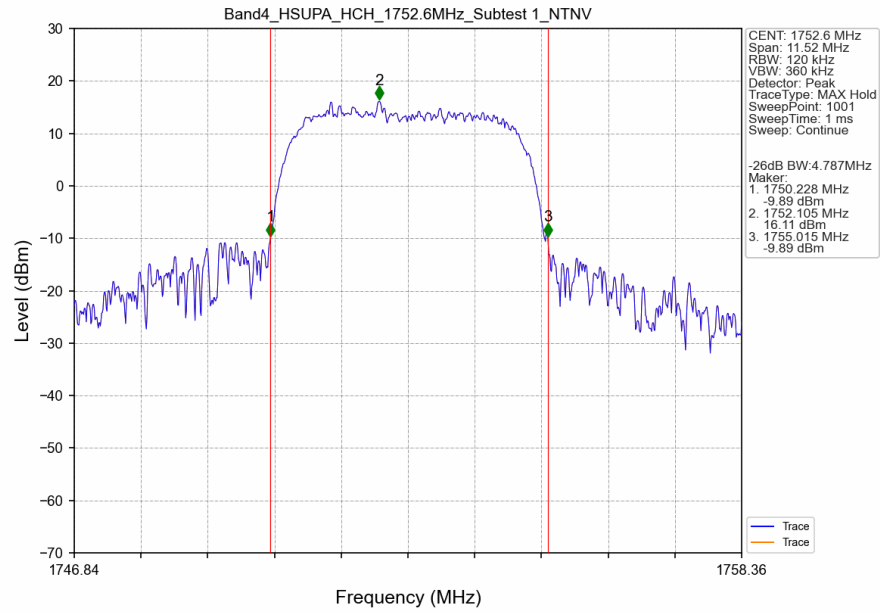
# BandIV\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



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



BandIV HSUPA HCH 1752.6MHz Subtest 1 NTNV



## 4. Peak-Average Ratio

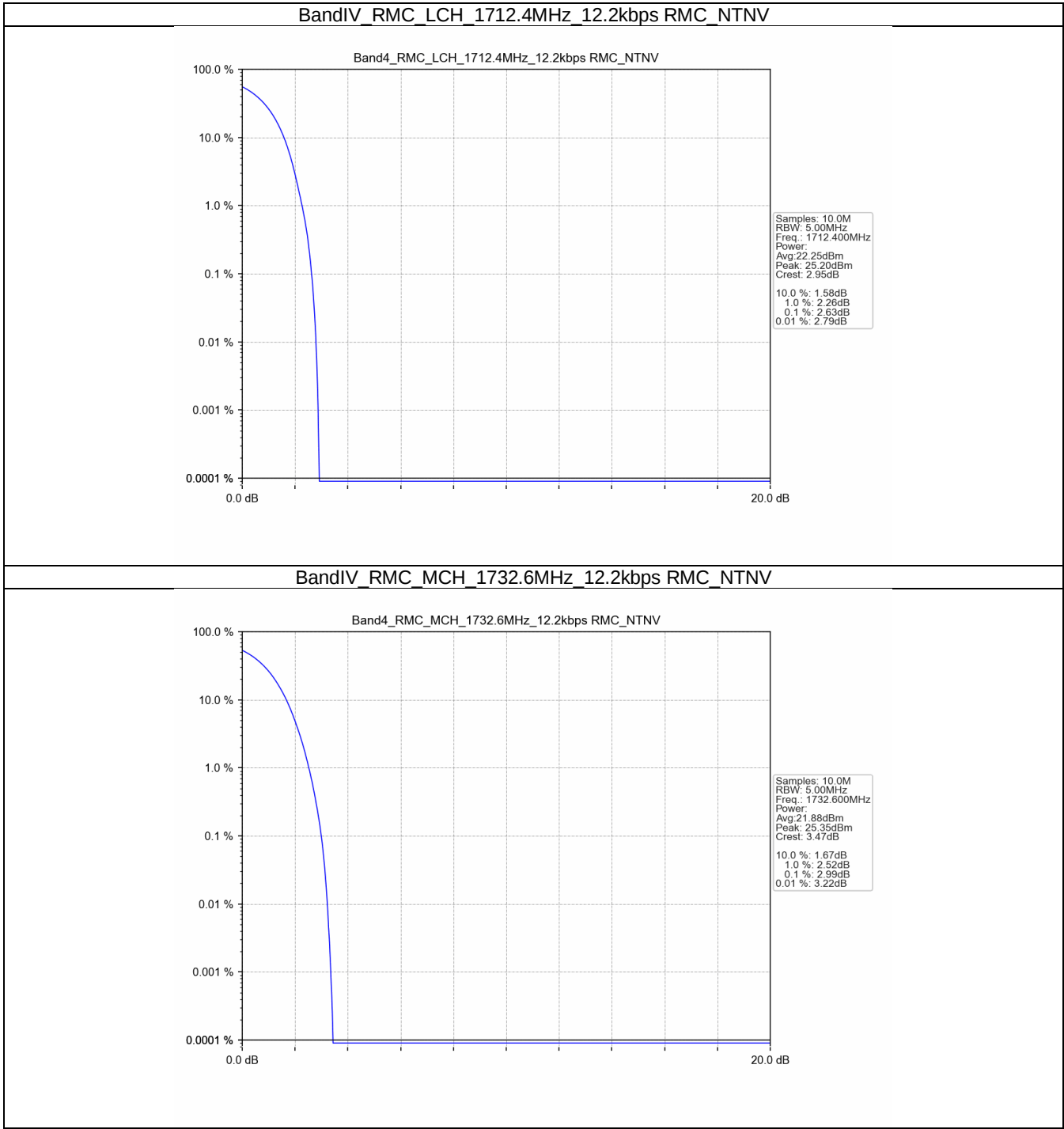
### 4.1 Test Result

#### 4.1.1 Band IV

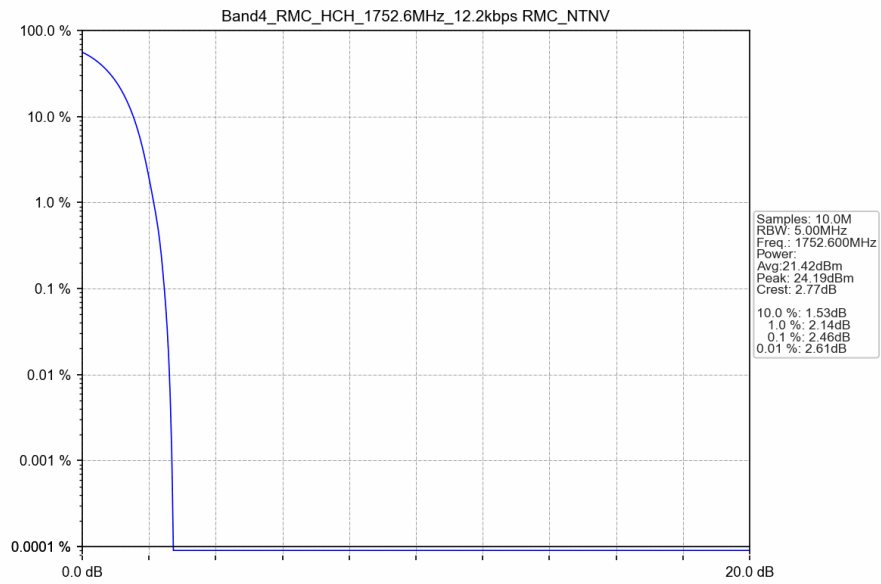
| Band: IV |         |              |                 |                         |       |         |
|----------|---------|--------------|-----------------|-------------------------|-------|---------|
| ENV      | Mode    |              | Frequency (MHz) | Peak-Average Ratio (dB) |       | Verdict |
|          | Network | Subset       |                 | Result                  | Limit |         |
| NTNV     | RMC     | 12.2kbps RMC | 1712.4          | 2.63                    | <=13  | Pass    |
|          |         |              | 1732.6          | 2.99                    | <=13  | Pass    |
|          |         |              | 1752.6          | 2.46                    | <=13  | Pass    |
|          | HSDPA   | Subtest 1    | 1712.4          | 5.61                    | <=13  | Pass    |
|          |         |              | 1732.6          | 5.94                    | <=13  | Pass    |
|          |         |              | 1752.6          | 5.60                    | <=13  | Pass    |
|          | HSUPA   | Subtest 1    | 1712.4          | 6.39                    | <=13  | Pass    |
|          |         |              | 1732.6          | 6.93                    | <=13  | Pass    |
|          |         |              | 1752.6          | 6.33                    | <=13  | Pass    |

# 4.2 Test Graph

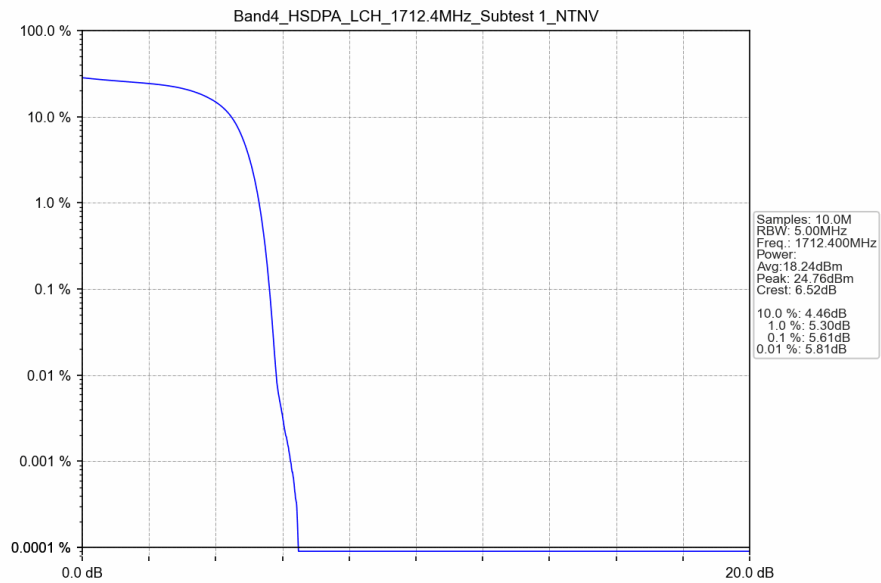
## 4.2.1 BandIV



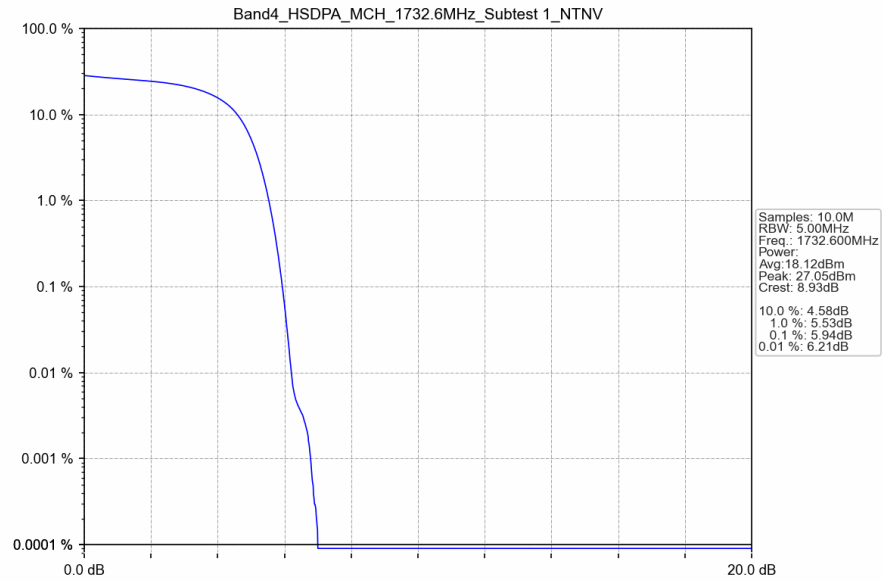
# BandIV\_RMC\_HCH\_1752.6MHz\_12.2kbps\_RMC\_NTNV



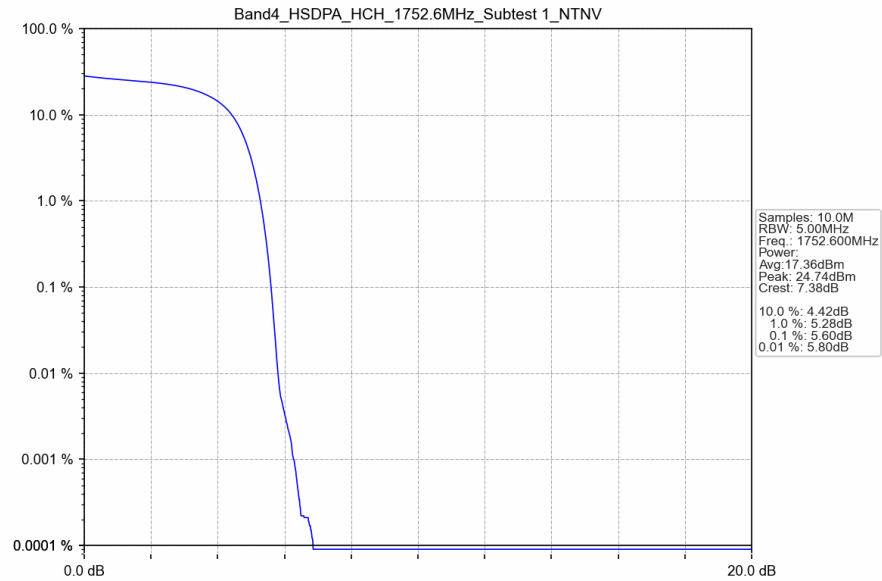
# BandIV\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



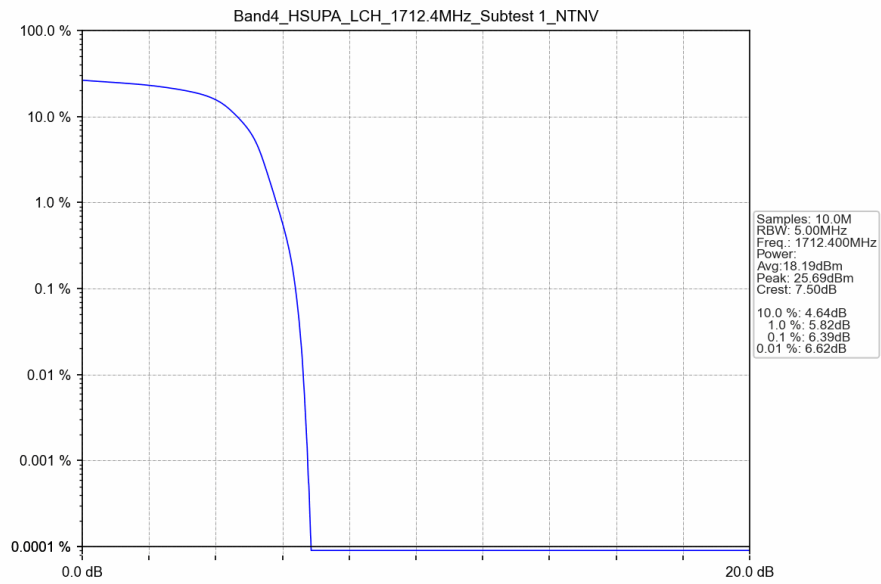
BandIV\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



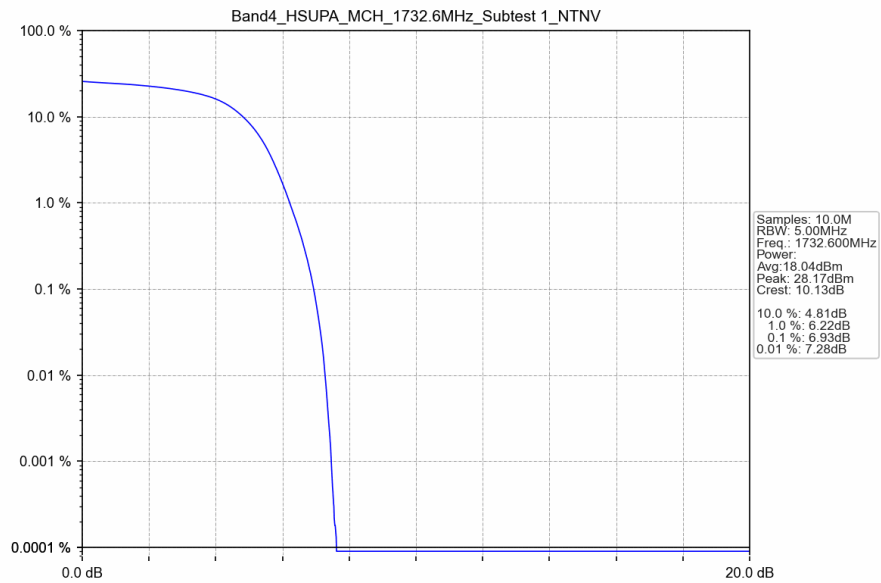
BandIV\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



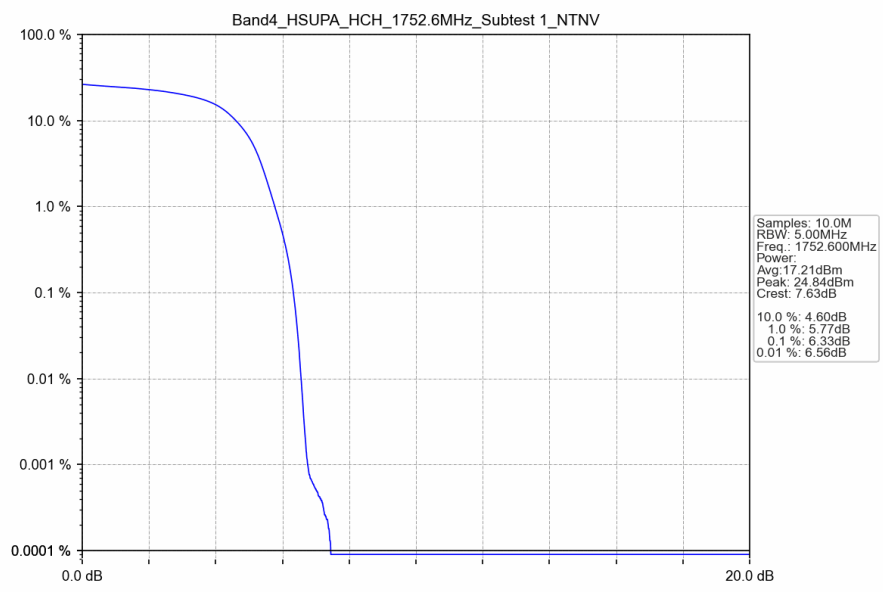
# BandIV\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



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



BandIV HSUPA HCH 1752.6MHz Subtest 1 NTN



## 5. Spurious Emission

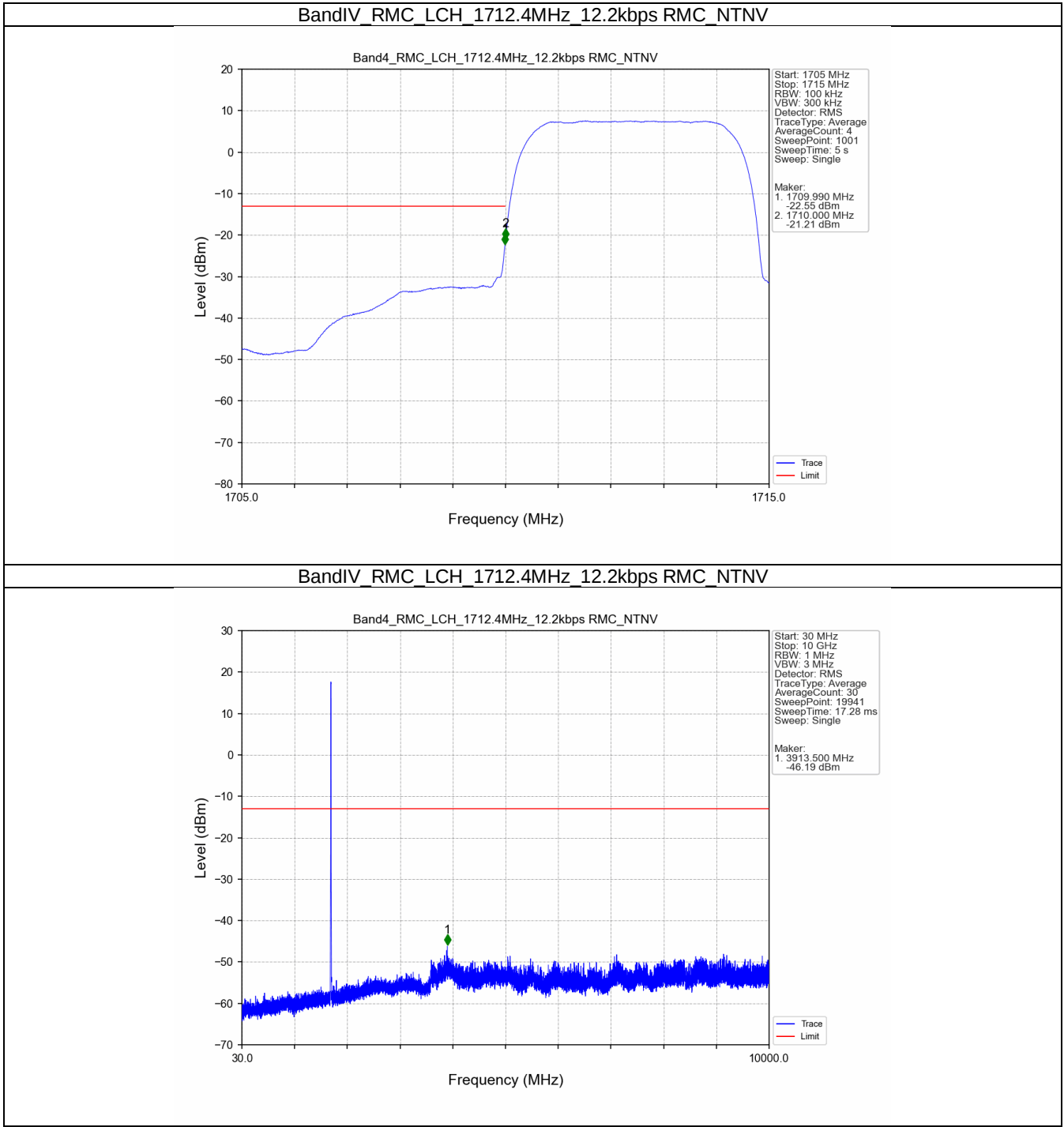
### 5.1 Test Result

#### 5.1.1 BandIV

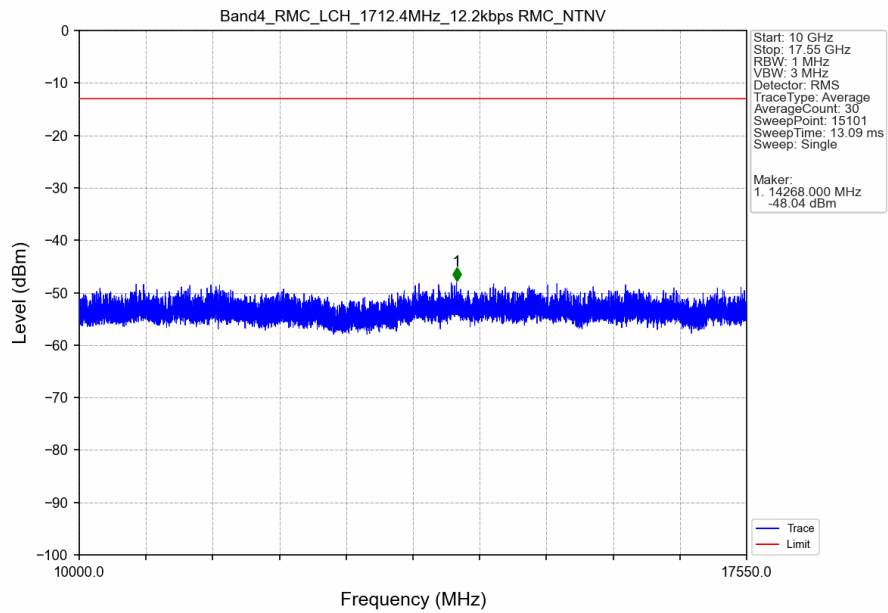
| Band: IV |         |              |                    |                     |       |         |
|----------|---------|--------------|--------------------|---------------------|-------|---------|
| ENV      | Mode    |              | Frequency<br>(MHz) | Spurious Emission   |       | Verdict |
|          | 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    |

5.2 Test Graph

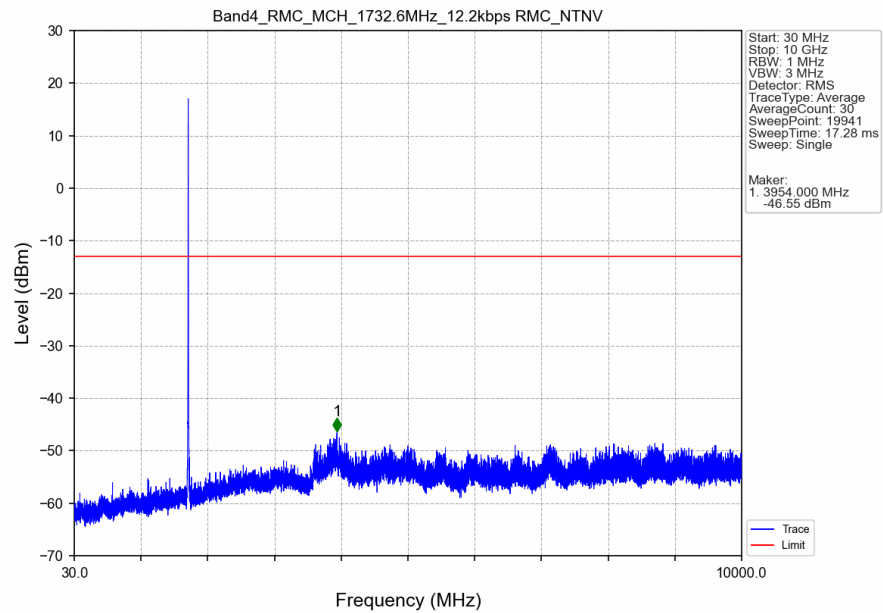
5.2.1 BandIV



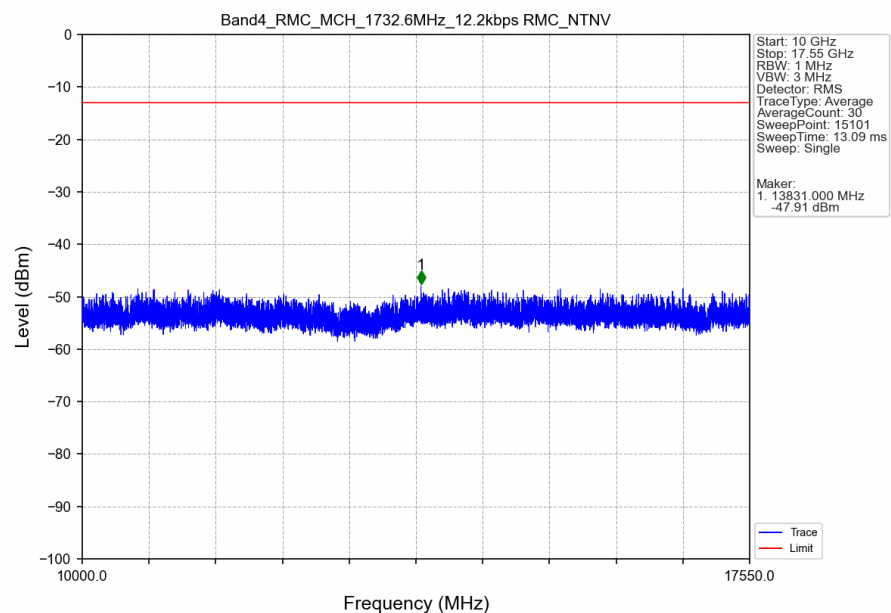
# BandIV\_RMC\_LCH\_1712.4MHz\_12.2kbps\_RMC\_NTNV



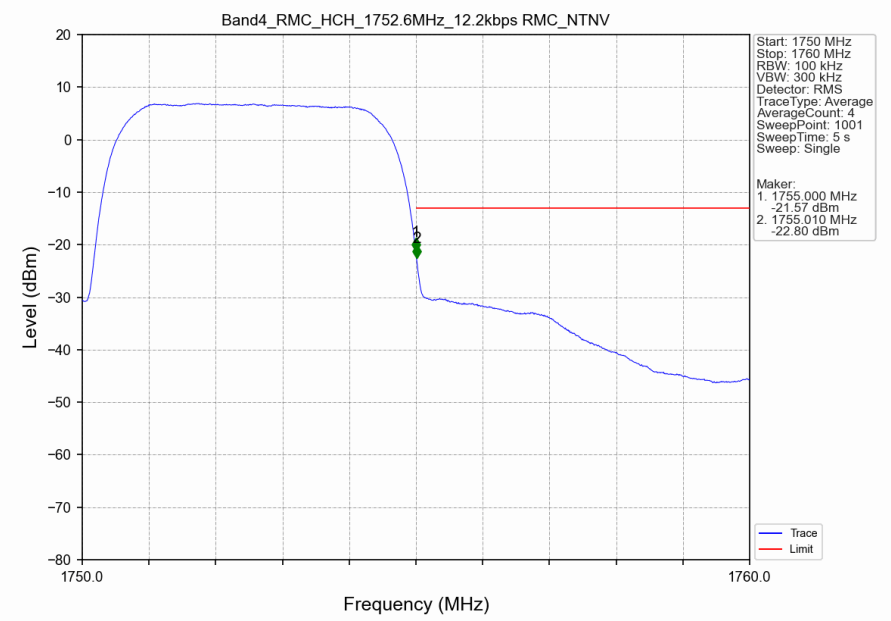
# BandIV\_RMC\_MCH\_1732.6MHz\_12.2kbps\_RMC\_NTNV



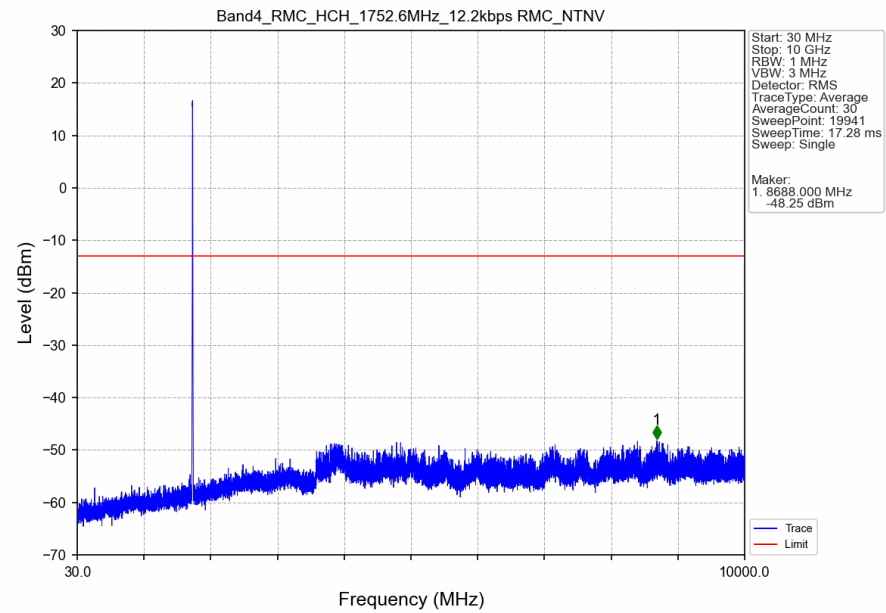
BandIV\_RMC\_MCH\_1732.6MHz\_12.2kbps\_RMC\_NTNV



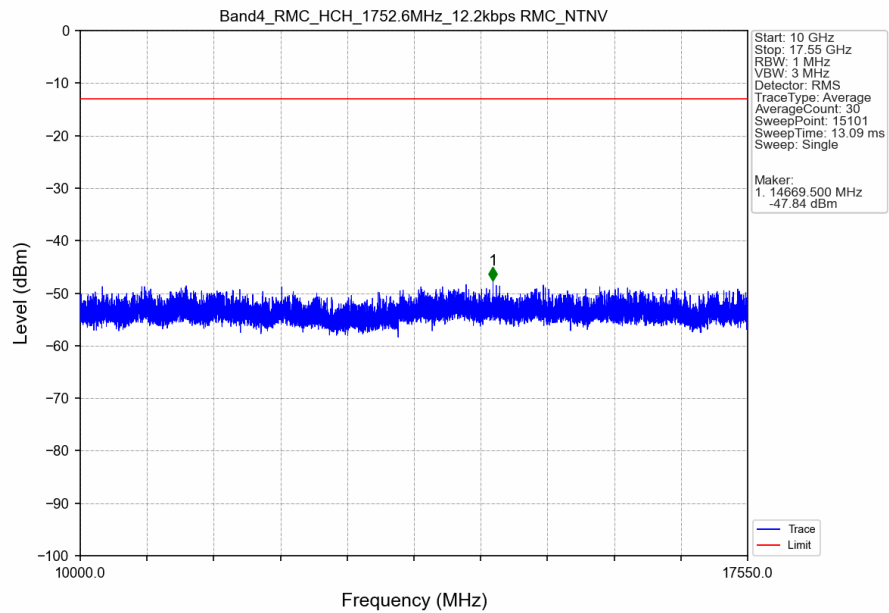
BandIV\_RMC\_HCH\_1752.6MHz\_12.2kbps\_RMC\_NTNV



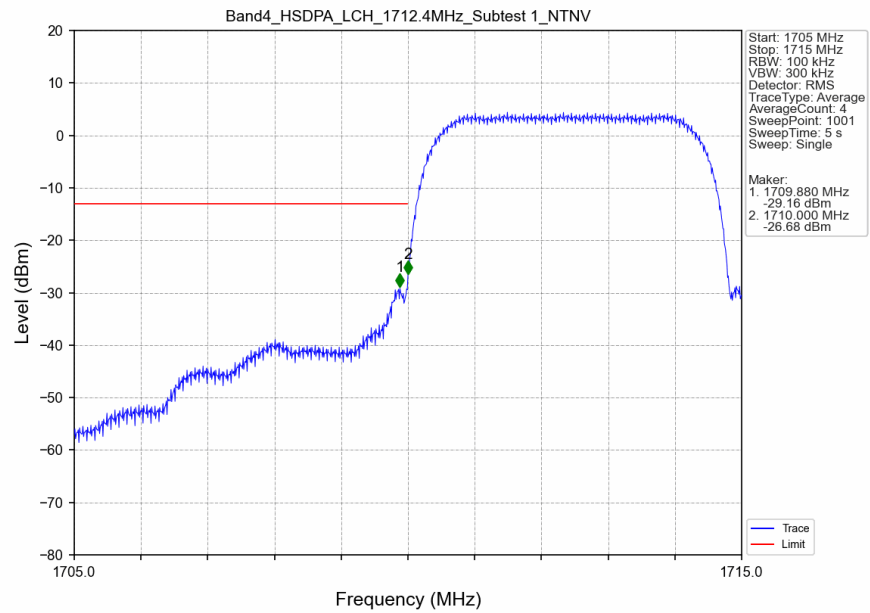
BandIV\_RMC\_HCH\_1752.6MHz\_12.2kbps\_RMC\_NTNV



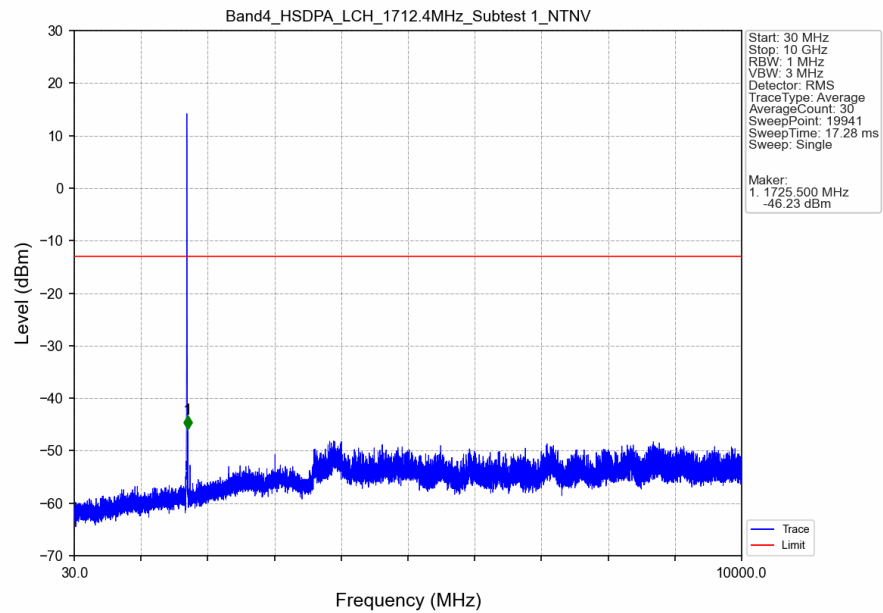
BandIV\_RMC\_HCH\_1752.6MHz\_12.2kbps\_RMC\_NTNV



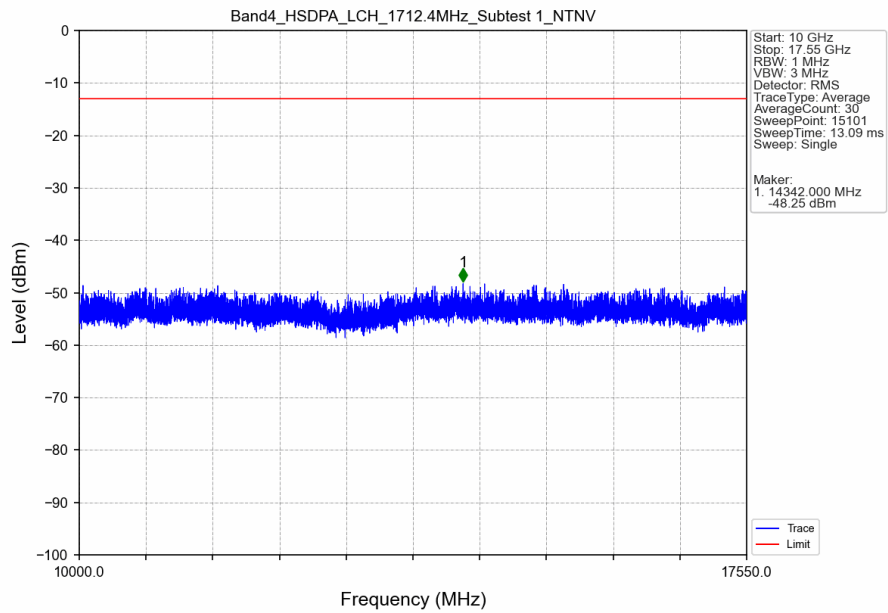
# BandIV\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



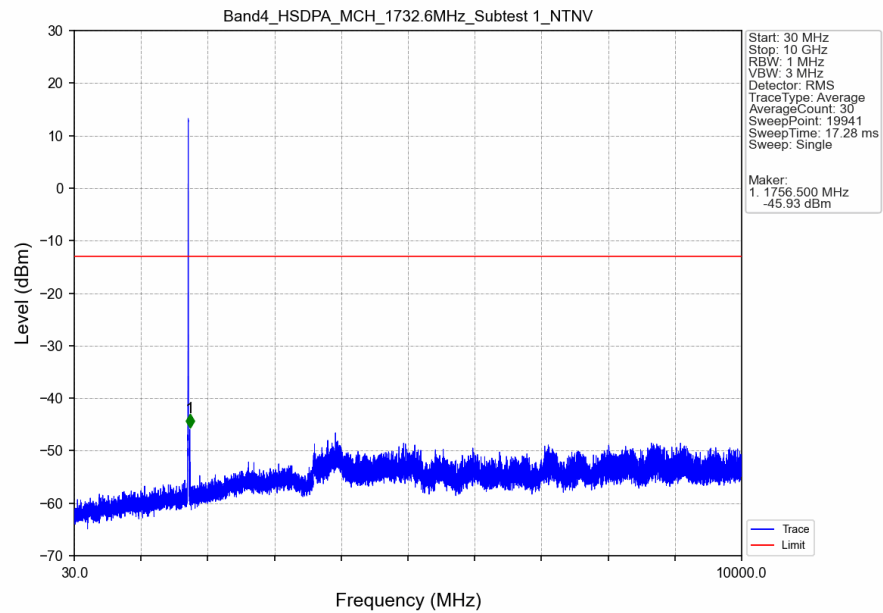
# BandIV\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



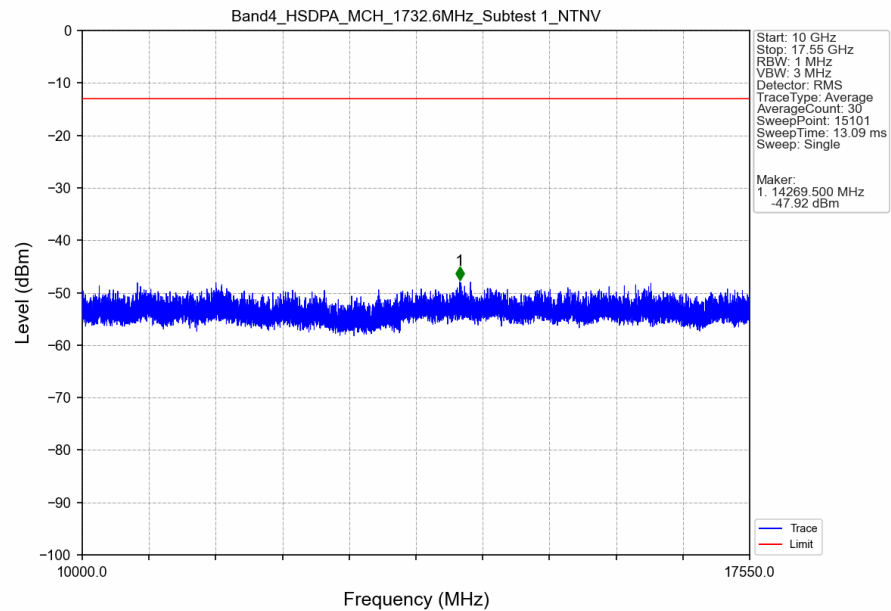
### BandIV\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



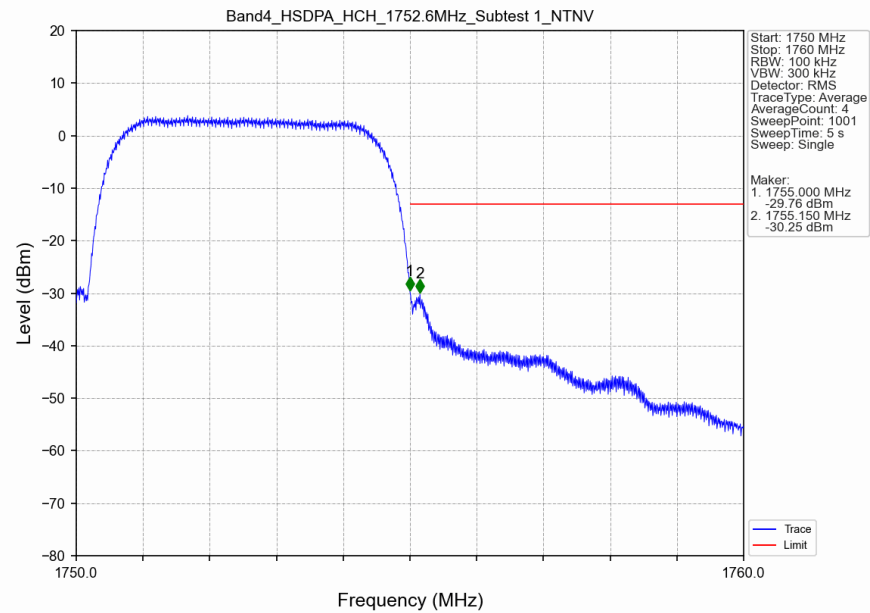
### BandIV\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



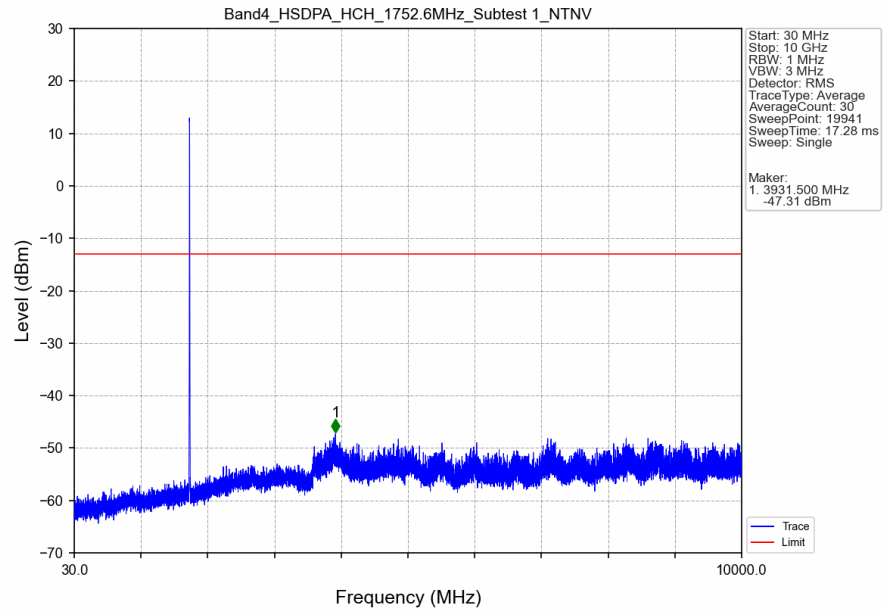
BandIV\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



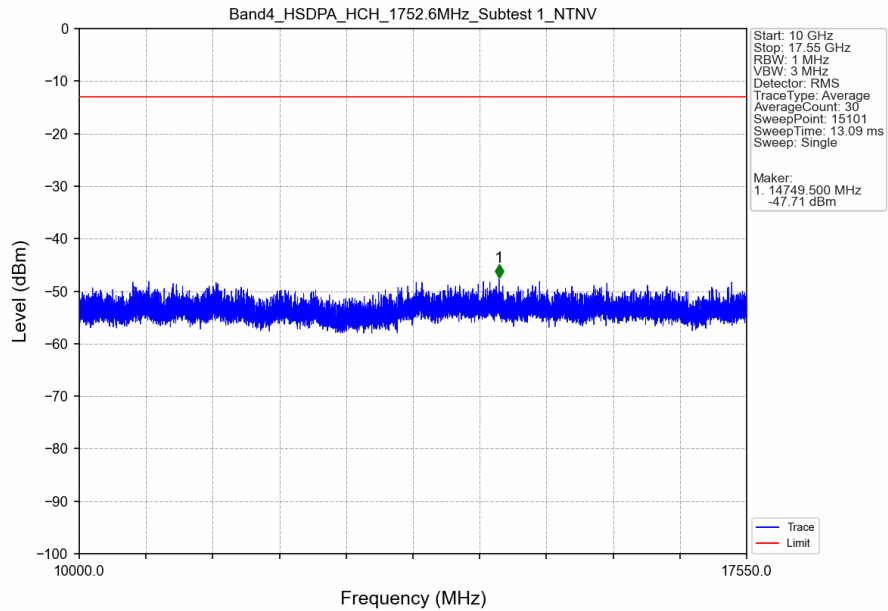
BandIV\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



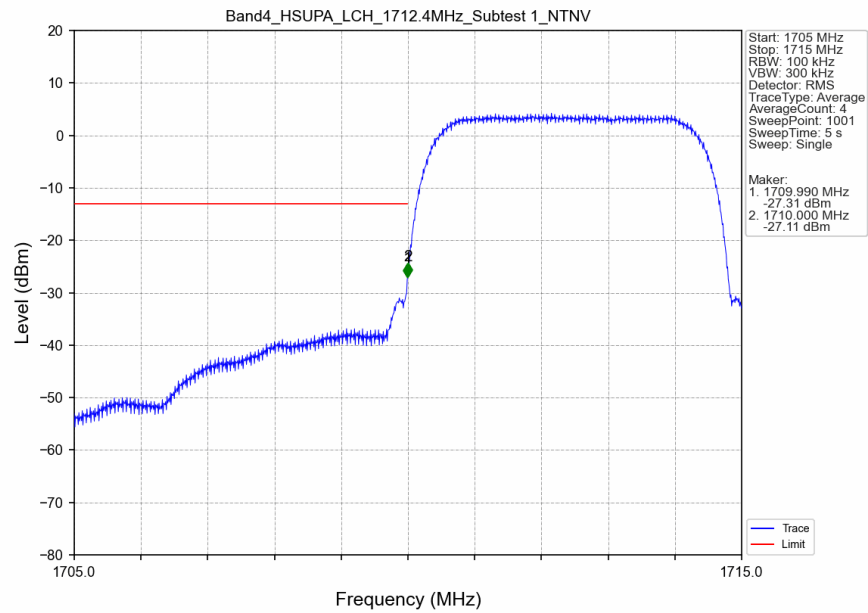
BandIV\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



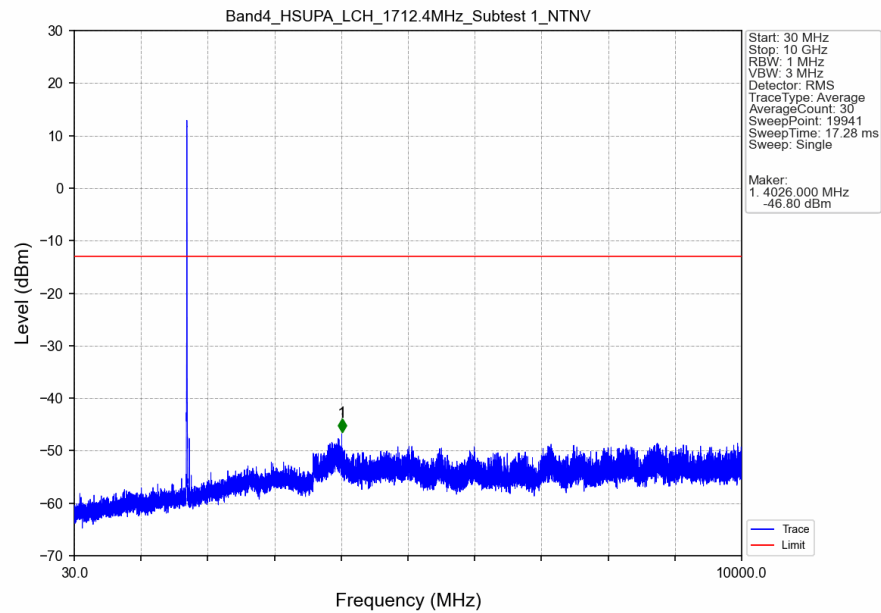
BandIV\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



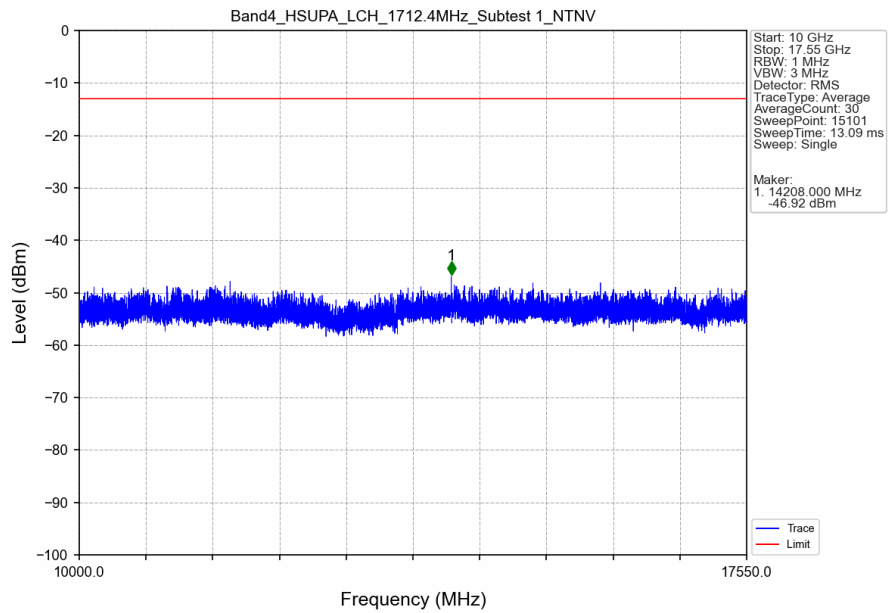
# BandIV\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



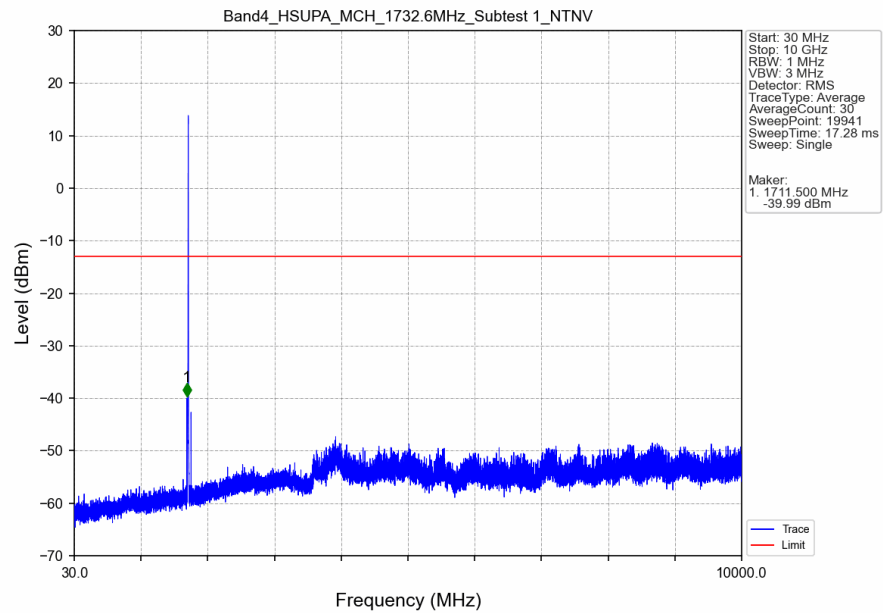
# BandIV\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



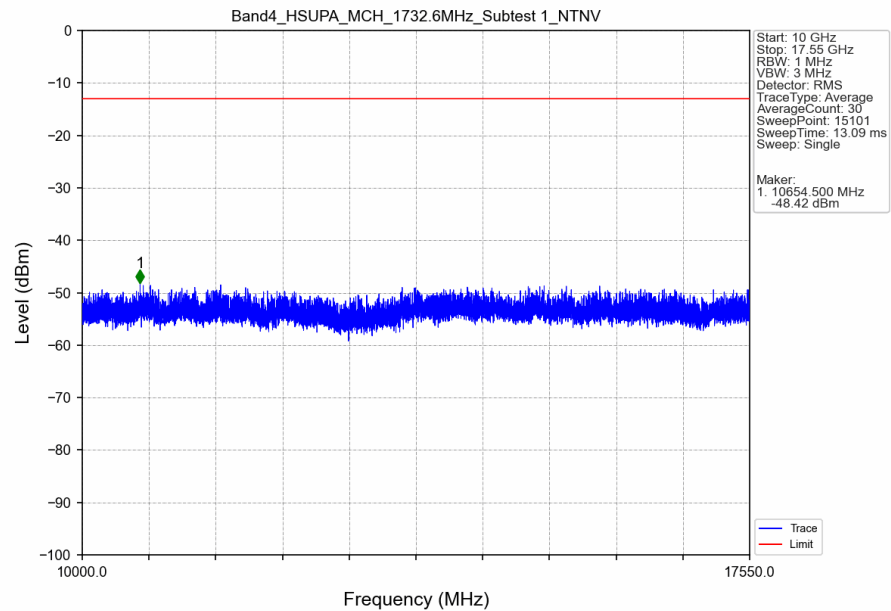
# BandIV\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



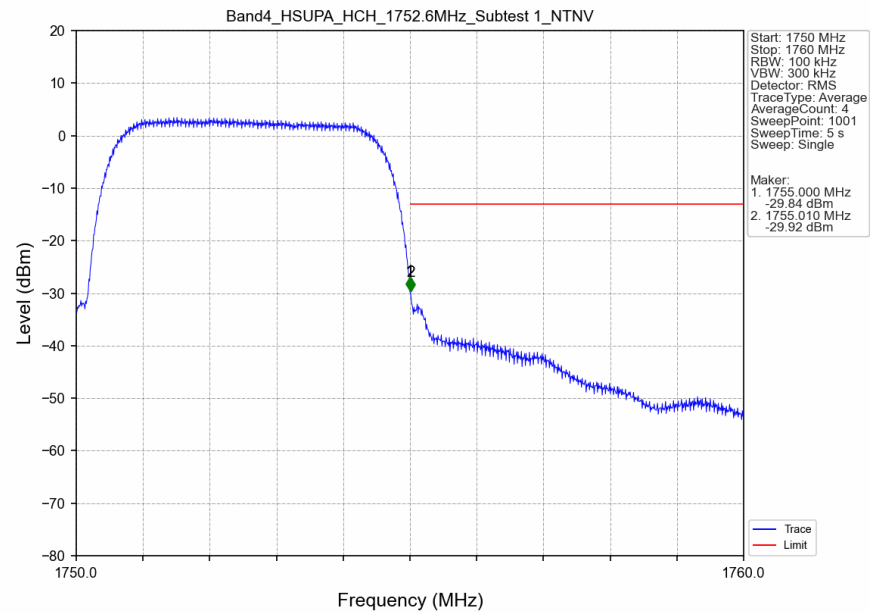
# BandIV\_HSUPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



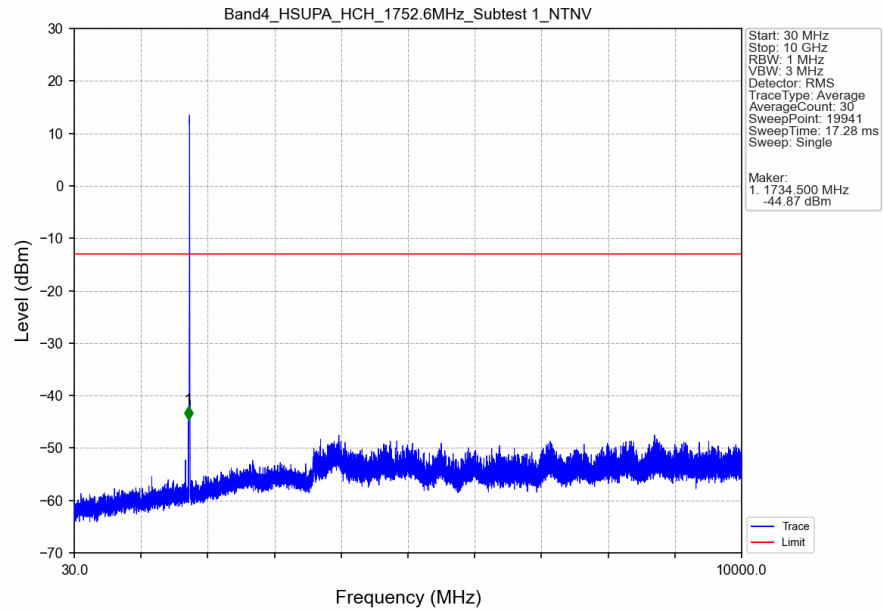
BandIV\_HSUPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



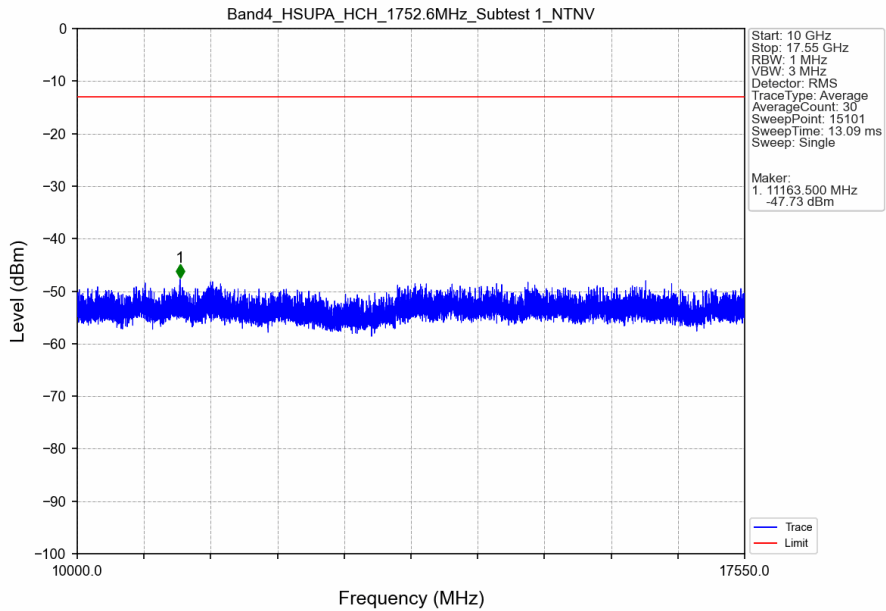
BandIV\_HSUPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



BandIV\_HSUPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



BandIV\_HSUPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



## 6. Field Strength of Spurious Radiation

| WCDMA Band IV ANT31-Low channel |            |             |                 |                  |                 |                    |                    |        |
|---------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                 | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3424.8                          | -61.48     | -13         | -48.48          | -66.1            | 3.36            | 7.98               | Horizontal         | Pass   |
| 5137.2                          | -57.36     | -13         | -44.36          | -62.98           | 4.61            | 10.23              | Horizontal         | Pass   |
| 6849.6                          | -56.28     | -13         | -43.28          | -62.32           | 4.9             | 10.94              | Horizontal         | Pass   |
| 3424.8                          | -61.52     | -13         | -48.52          | -66.14           | 3.36            | 7.98               | Vertical           | Pass   |
| 5137.2                          | -57.53     | -13         | -44.53          | -63.15           | 4.61            | 10.23              | Vertical           | Pass   |
| 6849.6                          | -55.03     | -13         | -42.03          | -61.07           | 4.9             | 10.94              | Vertical           | Pass   |

| WCDMA Band IV ANT31-Middle channel |            |             |                 |                  |                 |                    |                    |        |
|------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                    | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3465.2                             | -60.89     | -13         | -47.89          | -65.59           | 3.38            | 8.08               | Horizontal         | Pass   |
| 5197.8                             | -57.46     | -13         | -44.46          | -63.09           | 4.63            | 10.26              | Horizontal         | Pass   |
| 6930.4                             | -55.77     | -13         | -42.77          | -61.9            | 4.91            | 11.04              | Horizontal         | Pass   |
| 3465.2                             | -61.46     | -13         | -48.46          | -66.16           | 3.38            | 8.08               | Vertical           | Pass   |
| 5197.8                             | -56.83     | -13         | -43.83          | -62.46           | 4.63            | 10.26              | Vertical           | Pass   |
| 6930.4                             | -55.42     | -13         | -42.42          | -61.55           | 4.91            | 11.04              | Vertical           | Pass   |

| WCDMA Band IV ANT31-High channel |            |             |                 |                  |                 |                    |                    |        |
|----------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                  | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3505.2                           | -61.38     | -13         | -48.38          | -66.16           | 3.4             | 8.18               | Horizontal         | Pass   |
| 5257.8                           | -57.46     | -13         | -44.46          | -63.11           | 4.65            | 10.3               | Horizontal         | Pass   |
| 7010.4                           | -55.64     | -13         | -42.64          | -61.86           | 4.92            | 11.14              | Horizontal         | Pass   |
| 3505.2                           | -59.94     | -13         | -46.94          | -64.72           | 3.4             | 8.18               | Vertical           | Pass   |
| 5257.8                           | -57.82     | -13         | -44.82          | -63.47           | 4.65            | 10.3               | Vertical           | Pass   |
| 7010.4                           | -55.39     | -13         | -42.39          | -61.61           | 4.92            | 11.14              | Vertical           | Pass   |