

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 BandII\_EIRP

| Band: II |         |              |                    |                          |               |            |         |         |
|----------|---------|--------------|--------------------|--------------------------|---------------|------------|---------|---------|
| ENV      | Mode    |              | Frequency<br>(MHz) | Conducted Power<br>(dBm) | Gain<br>(dBi) | EIRP (dBm) |         | Verdict |
|          | Network | Subset       |                    |                          |               | Result     | Limit   |         |
| NTNV     | RMC     | 12.2kbps RMC | 1852.4             | 23.97                    | 0.21          | 24.18      | <=33.01 | Pass    |
|          |         |              | 1880               | 24.11                    | 0.21          | 24.32      | <=33.01 | Pass    |
|          |         |              | 1907.6             | 23.96                    | 0.21          | 24.17      | <=33.01 | Pass    |
|          | HSDPA   | Subtest 1    | 1852.4             | 21.86                    | 0.21          | 22.07      | <=33.01 | Pass    |
|          |         | Subtest 2    | 1852.4             | 21.85                    | 0.21          | 22.06      | <=33.01 | Pass    |
|          |         | Subtest 3    | 1852.4             | 21.85                    | 0.21          | 22.06      | <=33.01 | Pass    |
|          |         | Subtest 4    | 1852.4             | 21.85                    | 0.21          | 22.06      | <=33.01 | Pass    |
|          |         | Subtest 1    | 1880               | 22.04                    | 0.21          | 22.25      | <=33.01 | Pass    |
|          |         | Subtest 2    | 1880               | 22.04                    | 0.21          | 22.25      | <=33.01 | Pass    |
|          |         | Subtest 3    | 1880               | 22.05                    | 0.21          | 22.26      | <=33.01 | Pass    |
|          |         | Subtest 4    | 1880               | 22.04                    | 0.21          | 22.25      | <=33.01 | Pass    |
|          |         | Subtest 1    | 1907.6             | 21.93                    | 0.21          | 22.14      | <=33.01 | Pass    |
|          |         | Subtest 2    | 1907.6             | 21.93                    | 0.21          | 22.14      | <=33.01 | Pass    |
|          |         | Subtest 3    | 1907.6             | 21.92                    | 0.21          | 22.13      | <=33.01 | Pass    |
|          |         | Subtest 4    | 1907.6             | 21.94                    | 0.21          | 22.15      | <=33.01 | Pass    |
|          | HSUPA   | Subtest 1    | 1852.4             | 19.22                    | 0.21          | 19.43      | <=33.01 | Pass    |
|          |         | Subtest 2    | 1852.4             | 19.24                    | 0.21          | 19.45      | <=33.01 | Pass    |
|          |         | Subtest 3    | 1852.4             | 19.05                    | 0.21          | 19.26      | <=33.01 | Pass    |
|          |         | Subtest 4    | 1852.4             | 19.02                    | 0.21          | 19.23      | <=33.01 | Pass    |
|          |         | Subtest 5    | 1852.4             | 19.73                    | 0.21          | 19.94      | <=33.01 | Pass    |
|          |         | Subtest 1    | 1880               | 19.33                    | 0.21          | 19.54      | <=33.01 | Pass    |
|          |         | Subtest 2    | 1880               | 19.36                    | 0.21          | 19.57      | <=33.01 | Pass    |
|          |         | Subtest 3    | 1880               | 19.67                    | 0.21          | 19.88      | <=33.01 | Pass    |
|          |         | Subtest 4    | 1880               | 19.16                    | 0.21          | 19.37      | <=33.01 | Pass    |
|          |         | Subtest 5    | 1880               | 19.57                    | 0.21          | 19.78      | <=33.01 | Pass    |
|          |         | Subtest 1    | 1907.6             | 19.22                    | 0.21          | 19.43      | <=33.01 | Pass    |
|          |         | Subtest 2    | 1907.6             | 19.23                    | 0.21          | 19.44      | <=33.01 | Pass    |
|          |         | Subtest 3    | 1907.6             | 19.54                    | 0.21          | 19.75      | <=33.01 | Pass    |
|          |         | Subtest 4    | 1907.6             | 19.03                    | 0.21          | 19.24      | <=33.01 | Pass    |
|          |         | Subtest 5    | 1907.6             | 19.46                    | 0.21          | 19.67      | <=33.01 | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 BandII

| Band: II |                 |            |               |                  |                       |             |         |
|----------|-----------------|------------|---------------|------------------|-----------------------|-------------|---------|
| Network  | Frequency (MHz) | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|          |                 |            |               |                  | Result                | Limit       |         |
| RMC      | 1852.4          | 20         | 3.7           | 5.672            | 0.0031                | -2.5 to 2.5 | Pass    |
|          |                 |            | 3.91          | -0.708           | -0.0004               | -2.5 to 2.5 | Pass    |
|          |                 |            | 4.3           | 0.465            | 0.0003                | -2.5 to 2.5 | Pass    |
|          |                 | -30        | 3.91          | 0.944            | 0.0005                | -2.5 to 2.5 | Pass    |
|          |                 | -20        | 3.91          | -0.579           | -0.0003               | -2.5 to 2.5 | Pass    |
|          |                 | -10        | 3.91          | 0.501            | 0.0003                | -2.5 to 2.5 | Pass    |
|          |                 | 0          | 3.91          | 0.229            | 0.0001                | -2.5 to 2.5 | Pass    |
|          |                 | 10         | 3.91          | 2.024            | 0.0011                | -2.5 to 2.5 | Pass    |
|          |                 | 30         | 3.91          | 5.400            | 0.0029                | -2.5 to 2.5 | Pass    |
|          |                 | 40         | 3.91          | 1.016            | 0.0005                | -2.5 to 2.5 | Pass    |
|          |                 | 50         | 3.91          | 0.222            | 0.0001                | -2.5 to 2.5 | Pass    |
|          | 1880            | 20         | 3.7           | 1.831            | 0.0010                | -2.5 to 2.5 | Pass    |
|          |                 |            | 3.91          | 1.173            | 0.0006                | -2.5 to 2.5 | Pass    |
|          |                 |            | 4.3           | -0.937           | -0.0005               | -2.5 to 2.5 | Pass    |
|          |                 | -30        | 3.91          | -0.837           | -0.0004               | -2.5 to 2.5 | Pass    |
|          |                 | -20        | 3.91          | -0.665           | -0.0004               | -2.5 to 2.5 | Pass    |
|          |                 | -10        | 3.91          | 0.365            | 0.0002                | -2.5 to 2.5 | Pass    |
|          |                 | 0          | 3.91          | 0.730            | 0.0004                | -2.5 to 2.5 | Pass    |
|          |                 | 10         | 3.91          | 1.209            | 0.0006                | -2.5 to 2.5 | Pass    |
|          |                 | 30         | 3.91          | 0.443            | 0.0002                | -2.5 to 2.5 | Pass    |
|          |                 | 40         | 3.91          | 0.472            | 0.0003                | -2.5 to 2.5 | Pass    |
|          |                 | 50         | 3.91          | 2.224            | 0.0012                | -2.5 to 2.5 | Pass    |
|          | 1907.6          | 20         | 3.7           | 3.641            | 0.0019                | -2.5 to 2.5 | Pass    |
|          |                 |            | 3.91          | 2.797            | 0.0015                | -2.5 to 2.5 | Pass    |
|          |                 |            | 4.3           | 3.855            | 0.0020                | -2.5 to 2.5 | Pass    |
|          |                 | -30        | 3.91          | 0.730            | 0.0004                | -2.5 to 2.5 | Pass    |
|          |                 | -20        | 3.91          | 3.920            | 0.0021                | -2.5 to 2.5 | Pass    |
|          |                 | -10        | 3.91          | 1.388            | 0.0007                | -2.5 to 2.5 | Pass    |
|          |                 | 0          | 3.91          | 2.954            | 0.0015                | -2.5 to 2.5 | Pass    |
|          |                 | 10         | 3.91          | 1.645            | 0.0009                | -2.5 to 2.5 | Pass    |
|          |                 | 30         | 3.91          | 2.503            | 0.0013                | -2.5 to 2.5 | Pass    |
|          |                 | 40         | 3.91          | 1.001            | 0.0005                | -2.5 to 2.5 | Pass    |
|          |                 | 50         | 3.91          | 1.931            | 0.0010                | -2.5 to 2.5 | Pass    |
| HSDPA    | 1852.4          | 20         | 3.7           | 11.351           | 0.0061                | -2.5 to 2.5 | Pass    |
|          |                 |            | 3.91          | 6.444            | 0.0035                | -2.5 to 2.5 | Pass    |
|          |                 |            | 4.3           | 6.859            | 0.0037                | -2.5 to 2.5 | Pass    |
|          |                 | -30        | 3.91          | 5.186            | 0.0028                | -2.5 to 2.5 | Pass    |
|          |                 | -20        | 3.91          | 5.887            | 0.0032                | -2.5 to 2.5 | Pass    |
|          |                 | -10        | 3.91          | 5.729            | 0.0031                | -2.5 to 2.5 | Pass    |
|          |                 | 0          | 3.91          | 5.143            | 0.0028                | -2.5 to 2.5 | Pass    |
|          |                 | 10         | 3.91          | 4.706            | 0.0025                | -2.5 to 2.5 | Pass    |
|          |                 | 30         | 3.91          | 3.347            | 0.0018                | -2.5 to 2.5 | Pass    |
|          |                 | 40         | 3.91          | 2.840            | 0.0015                | -2.5 to 2.5 | Pass    |
|          |                 | 50         | 3.91          | 3.362            | 0.0018                | -2.5 to 2.5 | Pass    |
|          | 1880            | 20         | 3.7           | 5.744            | 0.0031                | -2.5 to 2.5 | Pass    |
|          |                 |            | 3.91          | 0.172            | 0.0001                | -2.5 to 2.5 | Pass    |
|          |                 |            | 4.3           | 1.981            | 0.0011                | -2.5 to 2.5 | Pass    |

|       |        |     |      |        |         |             |      |
|-------|--------|-----|------|--------|---------|-------------|------|
|       |        | -30 | 3.91 | 0.937  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.91 | 1.202  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.91 | 0.737  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.91 | -0.207 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.91 | 2.890  | 0.0015  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.91 | 3.018  | 0.0016  | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.91 | -0.372 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.91 | 2.868  | 0.0015  | -2.5 to 2.5 | Pass |
|       | 1907.6 | 20  | 3.7  | 0.372  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |     | 3.91 | 4.292  | 0.0022  | -2.5 to 2.5 | Pass |
|       |        |     | 4.3  | 3.641  | 0.0019  | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.91 | 4.606  | 0.0024  | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.91 | 0.701  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.91 | 2.668  | 0.0014  | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.91 | 4.184  | 0.0022  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.91 | 2.153  | 0.0011  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.91 | 1.187  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.91 | 1.781  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.91 | 1.931  | 0.0010  | -2.5 to 2.5 | Pass |
| HSUPA | 1852.4 | 20  | 3.7  | 10.557 | 0.0057  | -2.5 to 2.5 | Pass |
|       |        |     | 3.91 | 8.948  | 0.0048  | -2.5 to 2.5 | Pass |
|       |        |     | 4.3  | 9.170  | 0.0050  | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.91 | 7.560  | 0.0041  | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.91 | 10.493 | 0.0057  | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.91 | 7.067  | 0.0038  | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.91 | 4.578  | 0.0025  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.91 | 6.516  | 0.0035  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.91 | 5.307  | 0.0029  | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.91 | 8.626  | 0.0047  | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.91 | 9.427  | 0.0051  | -2.5 to 2.5 | Pass |
|       | 1880   | 20  | 3.7  | 8.676  | 0.0046  | -2.5 to 2.5 | Pass |
|       |        |     | 3.91 | 5.779  | 0.0031  | -2.5 to 2.5 | Pass |
|       |        |     | 4.3  | 4.578  | 0.0024  | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.91 | 3.183  | 0.0017  | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.91 | 3.176  | 0.0017  | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.91 | 3.455  | 0.0018  | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.91 | 3.319  | 0.0018  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.91 | 6.208  | 0.0033  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.91 | 2.918  | 0.0016  | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.91 | 5.872  | 0.0031  | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.91 | 7.417  | 0.0039  | -2.5 to 2.5 | Pass |
|       | 1907.6 | 20  | 3.7  | 10.135 | 0.0053  | -2.5 to 2.5 | Pass |
|       |        |     | 3.91 | 9.763  | 0.0051  | -2.5 to 2.5 | Pass |
|       |        |     | 4.3  | 5.758  | 0.0030  | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.91 | 7.317  | 0.0038  | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.91 | 4.706  | 0.0025  | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.91 | 5.643  | 0.0030  | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.91 | 3.998  | 0.0021  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.91 | 8.390  | 0.0044  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.91 | 4.392  | 0.0023  | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.91 | 9.477  | 0.0050  | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.91 | 4.900  | 0.0026  | -2.5 to 2.5 | Pass |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 BandII\_OBW

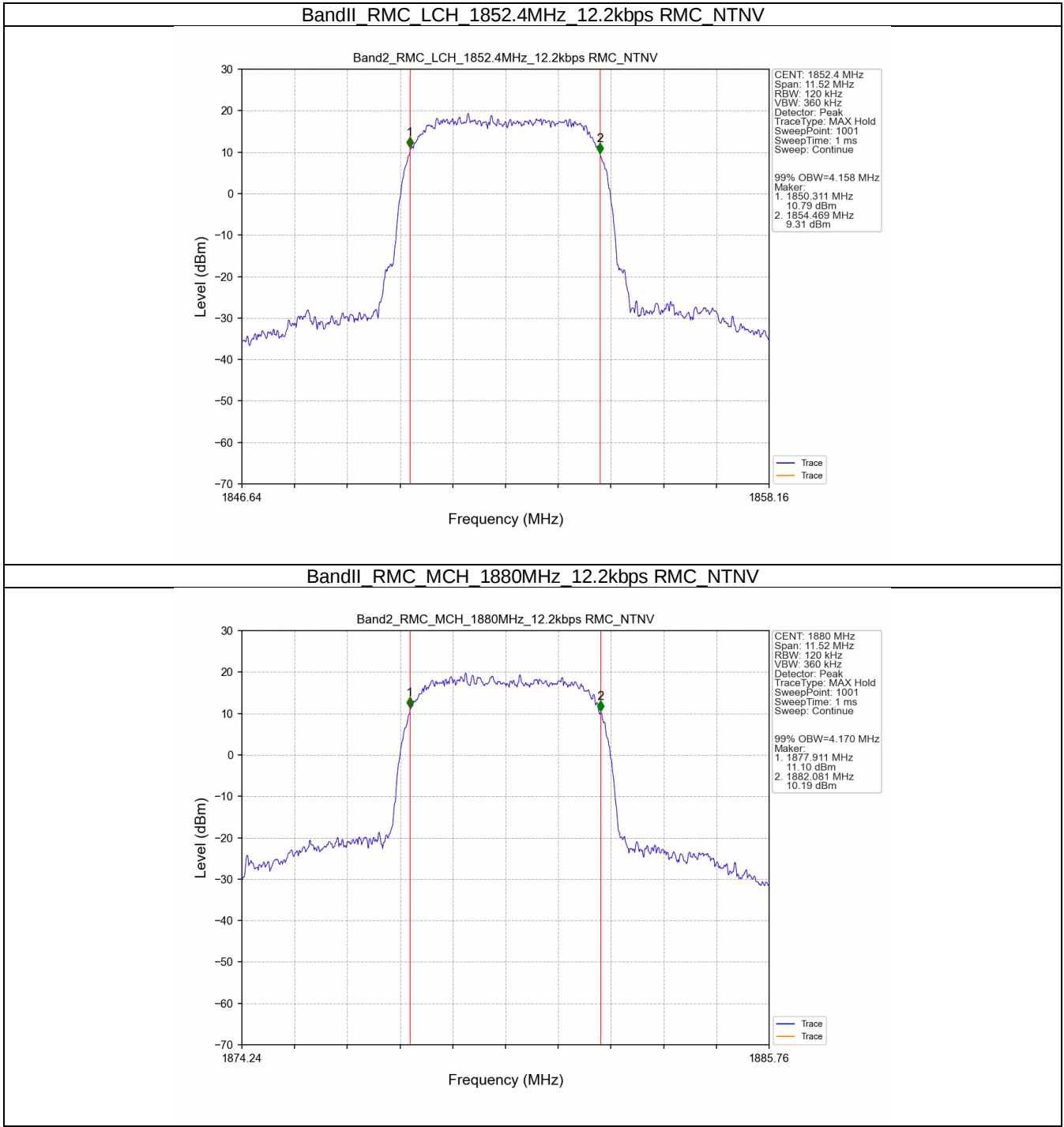
| Band: II |         |              |                 |                              |       |         |
|----------|---------|--------------|-----------------|------------------------------|-------|---------|
| ENV      | Mode    |              | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |       | Verdict |
|          | Network | Subset       |                 | Result                       | Limit |         |
| NTNV     | RMC     | 12.2kbps RMC | 1852.4          | 4.158                        | /     | Pass    |
|          |         |              | 1880            | 4.170                        | /     | Pass    |
|          |         |              | 1907.6          | 4.172                        | /     | Pass    |
|          | HSDPA   | Subtest 1    | 1852.4          | 4.173                        | /     | Pass    |
|          |         |              | 1880            | 4.158                        | /     | Pass    |
|          |         |              | 1907.6          | 4.164                        | /     | Pass    |
|          | HSUPA   | Subtest 1    | 1852.4          | 4.181                        | /     | Pass    |
|          |         |              | 1880            | 4.174                        | /     | Pass    |
|          |         |              | 1907.6          | 4.166                        | /     | Pass    |

##### 3.1.2 BandII\_XDB

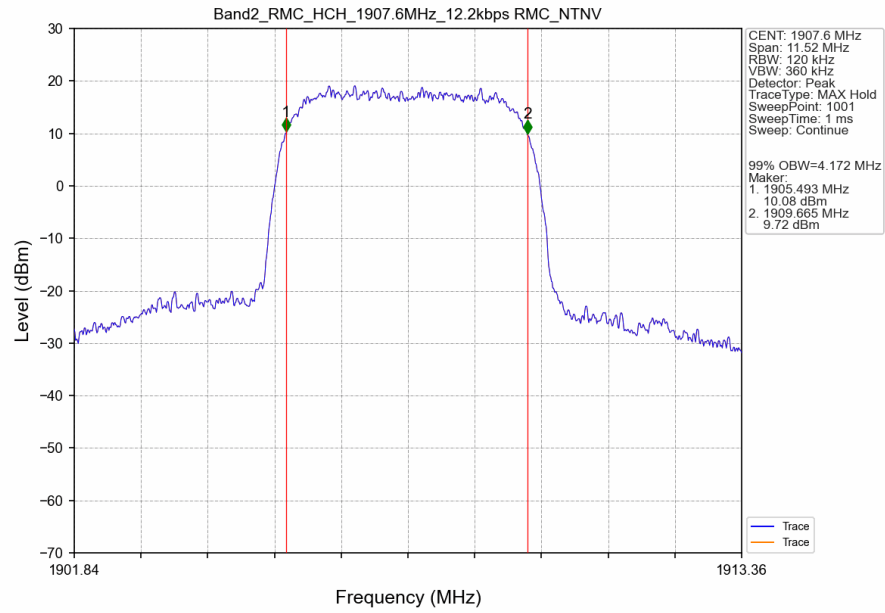
| Band: II |         |              |                 |                      |       |         |
|----------|---------|--------------|-----------------|----------------------|-------|---------|
| ENV      | Mode    |              | Frequency (MHz) | 26dB Bandwidth (MHz) |       | Verdict |
|          | Network | Subset       |                 | Result               | Limit |         |
| NTNV     | RMC     | 12.2kbps RMC | 1852.4          | 4.726                | /     | Pass    |
|          |         |              | 1880            | 4.743                | /     | Pass    |
|          |         |              | 1907.6          | 4.755                | /     | Pass    |
|          | HSDPA   | Subtest 1    | 1852.4          | 4.735                | /     | Pass    |
|          |         |              | 1880            | 4.717                | /     | Pass    |
|          |         |              | 1907.6          | 4.730                | /     | Pass    |
|          | HSUPA   | Subtest 1    | 1852.4          | 4.749                | /     | Pass    |
|          |         |              | 1880            | 4.743                | /     | Pass    |
|          |         |              | 1907.6          | 4.717                | /     | Pass    |

3.2 Test Graph

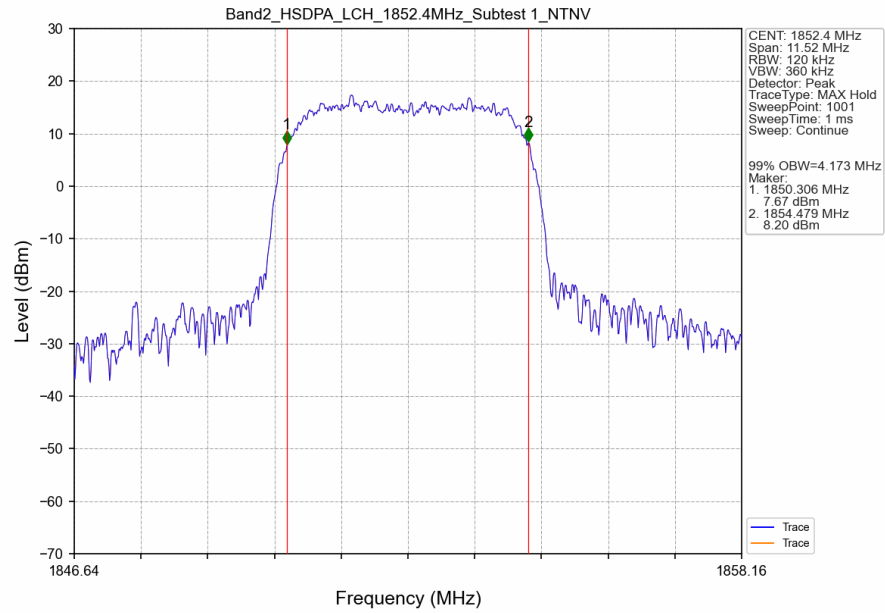
3.2.1 BandII\_OBW



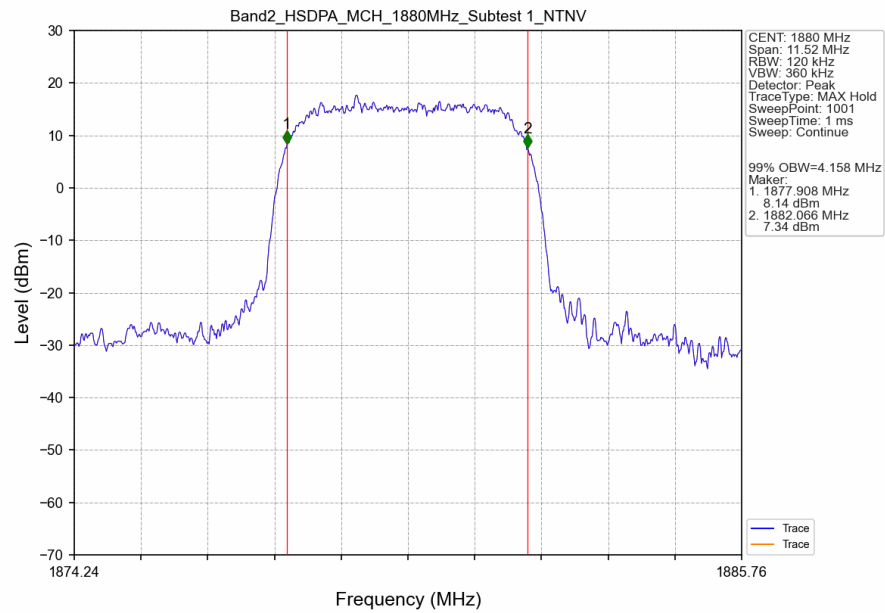
# BandII\_RMC\_HCH\_1907.6MHz\_12.2kbps\_RMC\_NTNV



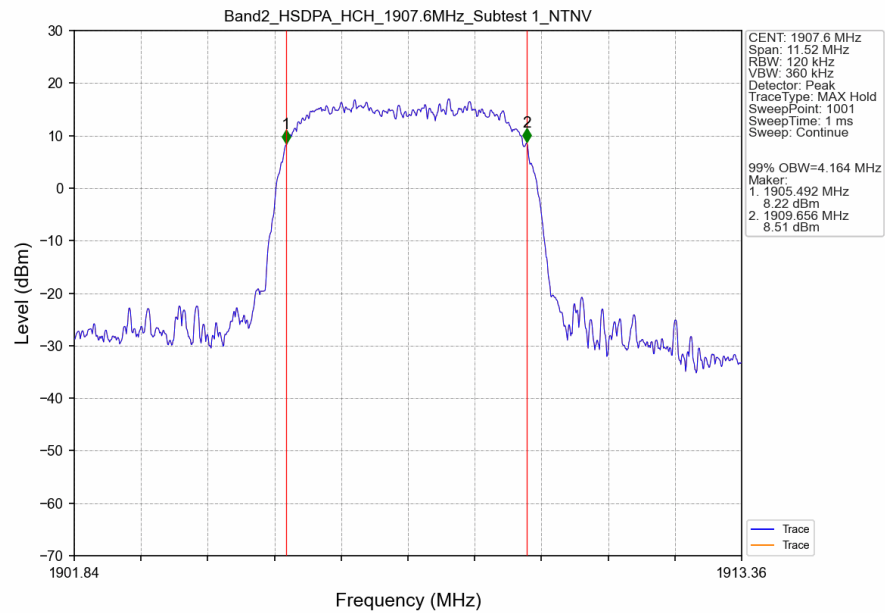
# BandII\_HSDPA\_LCH\_1852.4MHz\_Subtest 1\_NTNV



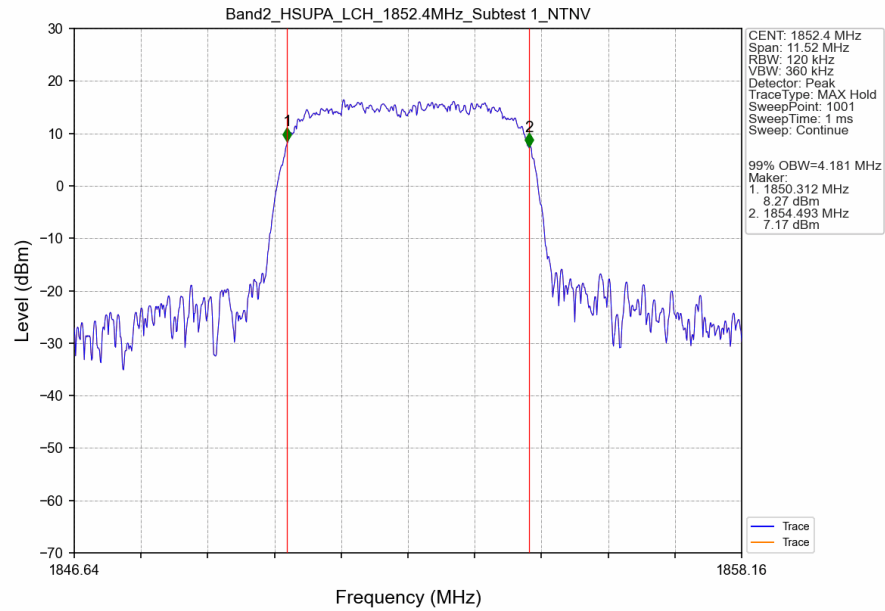
# BandII\_HSDPA\_MCH\_1880MHz\_Subtest 1\_NTNV



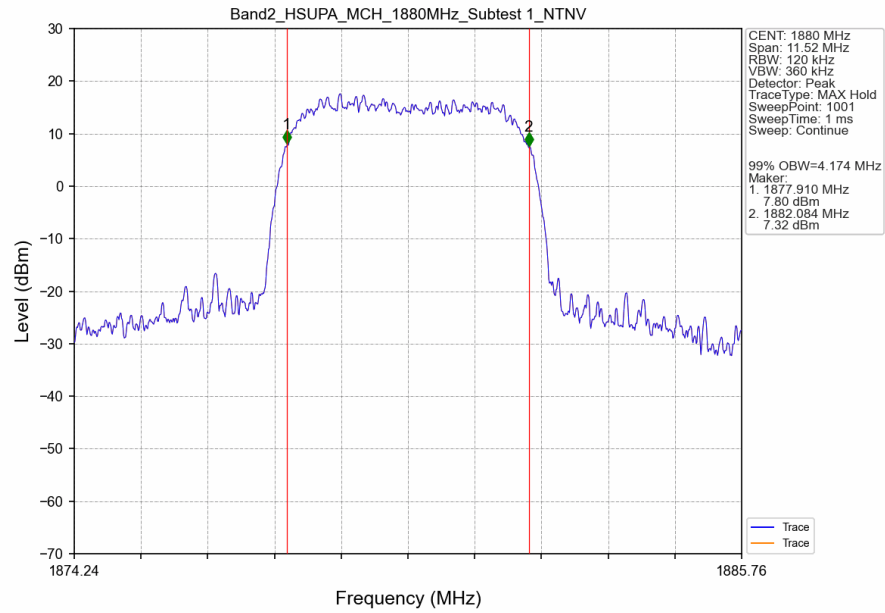
# BandII\_HSDPA\_HCH\_1907.6MHz\_Subtest 1\_NTNV



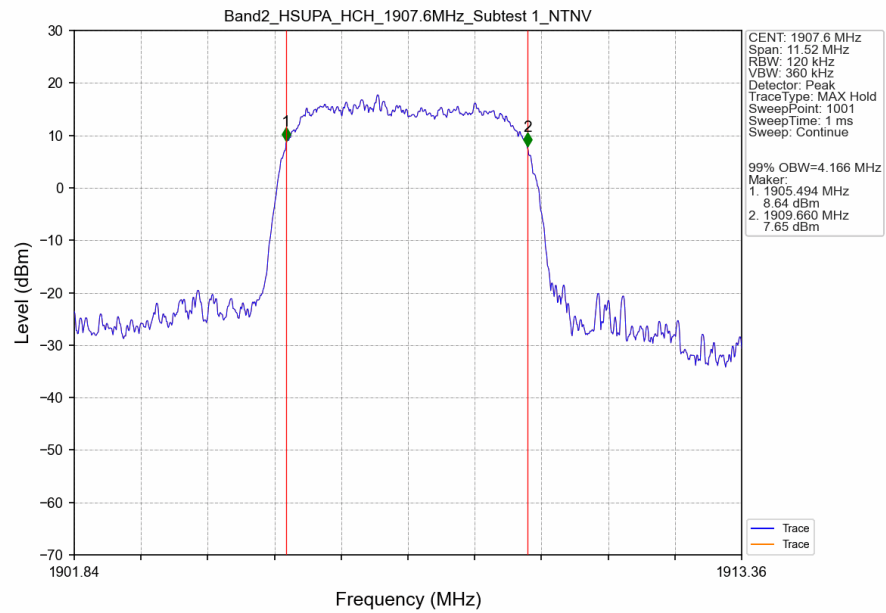
### BandII\_HSUPA\_LCH\_1852.4MHz\_Subtest 1\_NTNV



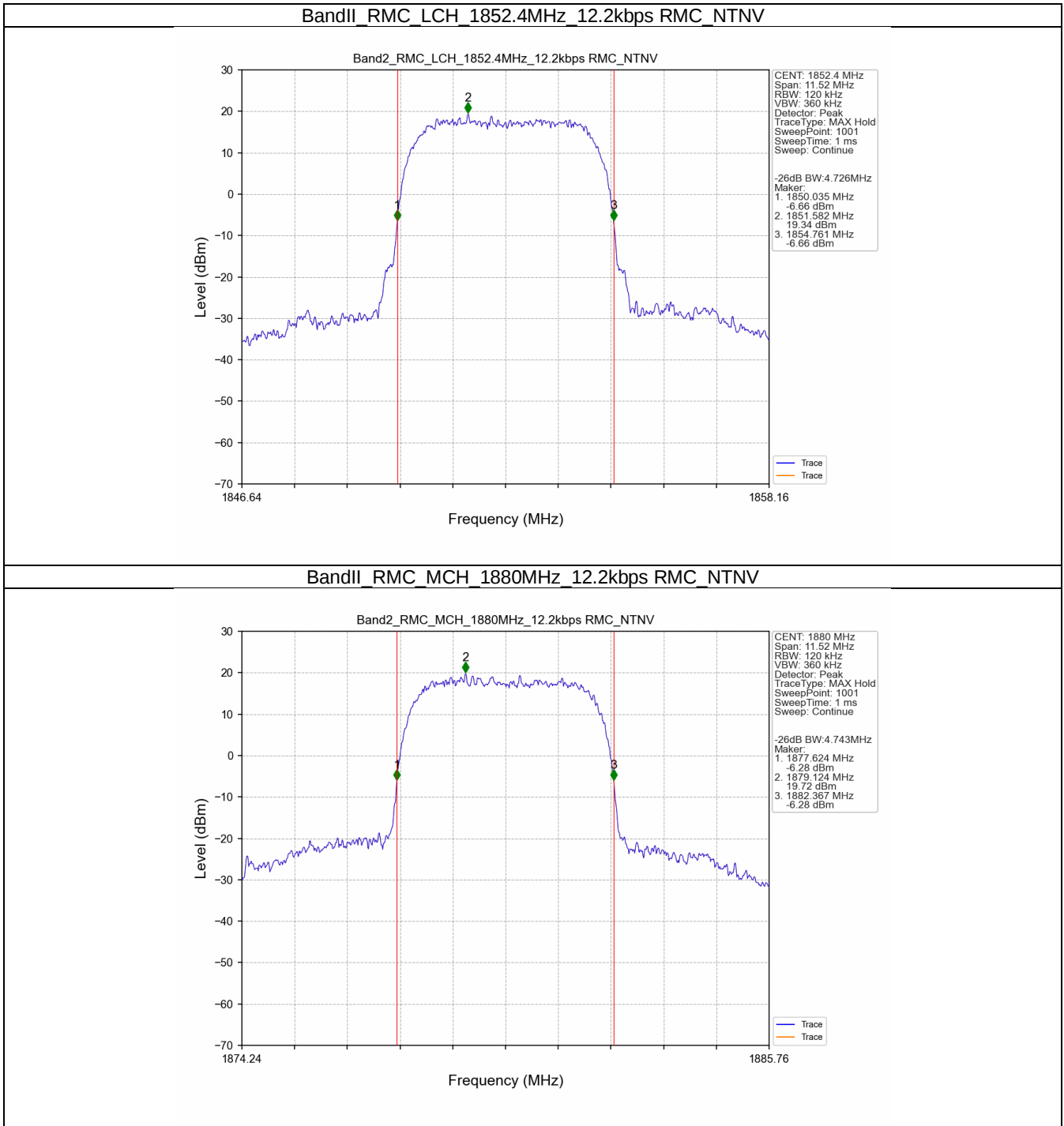
### BandII\_HSUPA\_MCH\_1880MHz\_Subtest 1\_NTNV



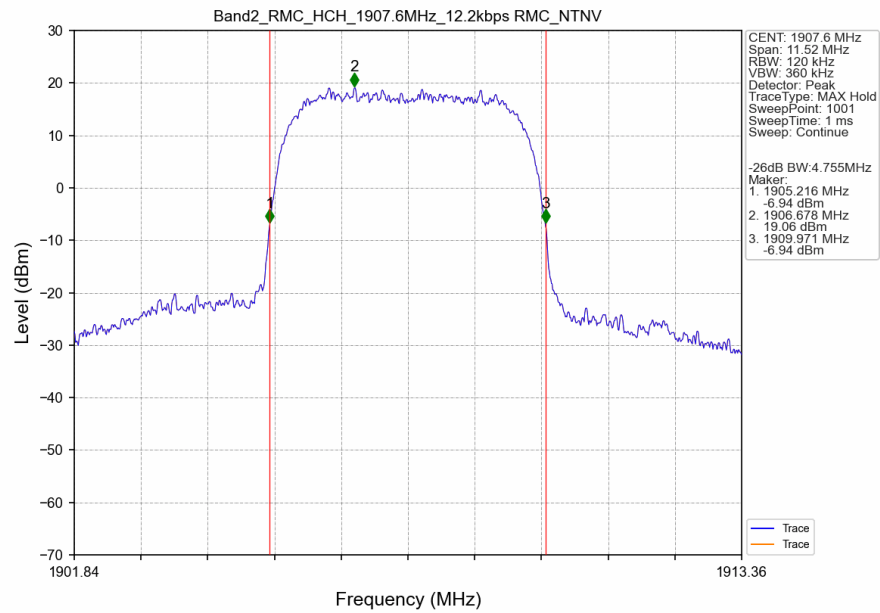
BandII HSUPA HCH 1907.6MHz Subtest 1 NTNV



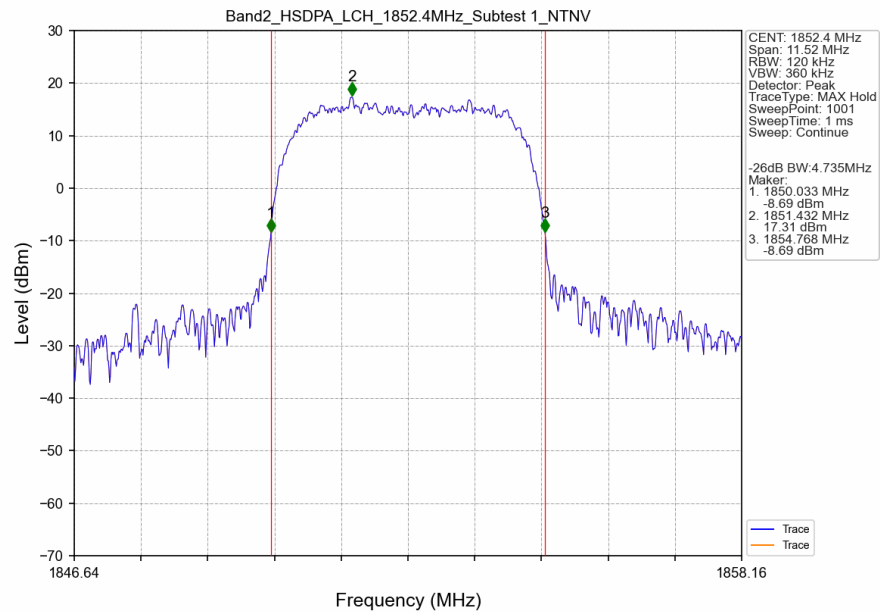
3.2.2 BandII\_XDB



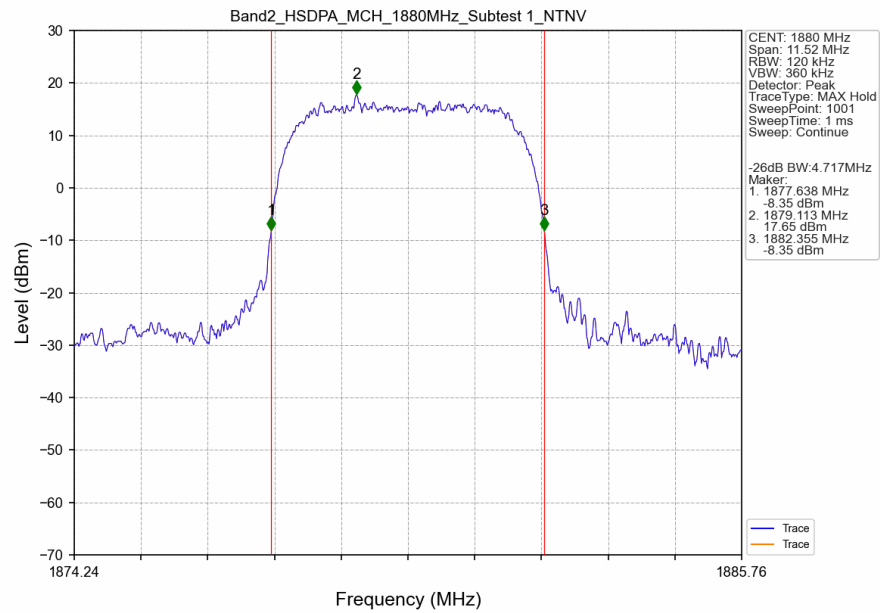
# BandII\_RMC\_HCH\_1907.6MHz\_12.2kbps\_RMC\_NTNV



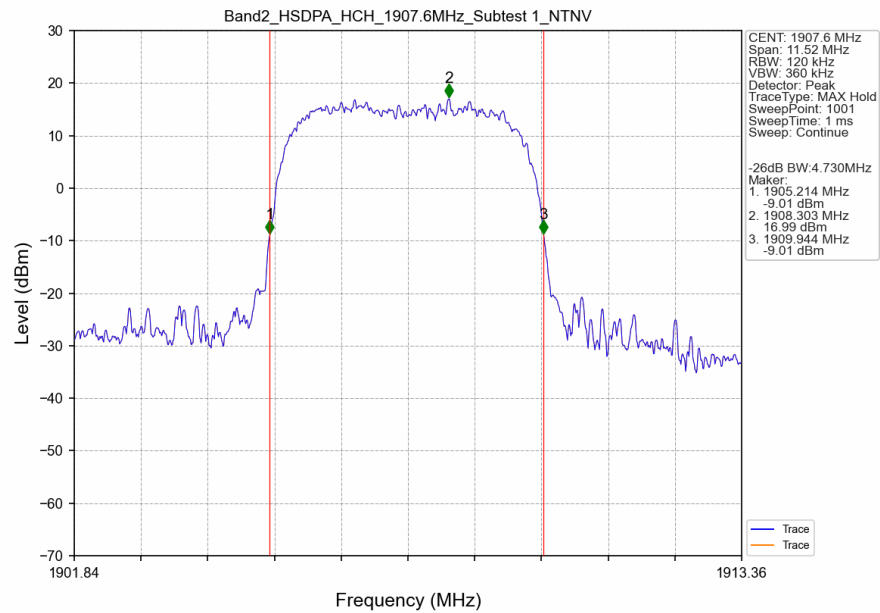
# BandII\_HSDPA\_LCH\_1852.4MHz\_Subtest 1\_NTNV



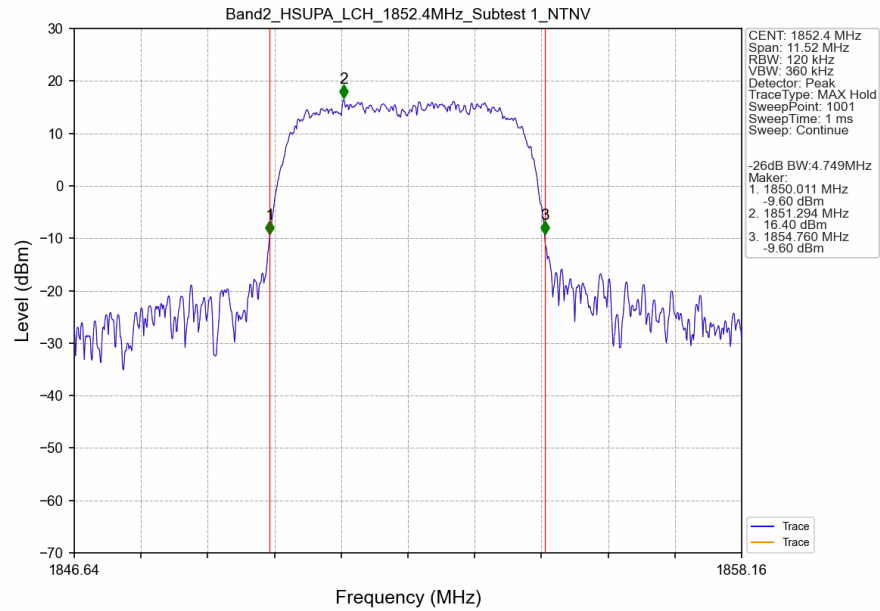
# BandII\_HSDPA\_MCH\_1880MHz\_Subtest 1\_NTNV



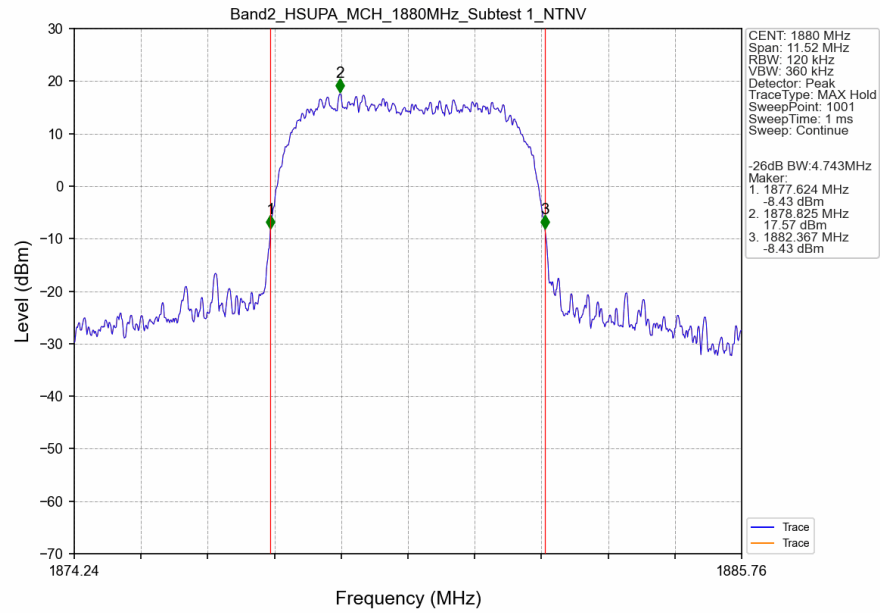
# BandII\_HSDPA\_HCH\_1907.6MHz\_Subtest 1\_NTNV



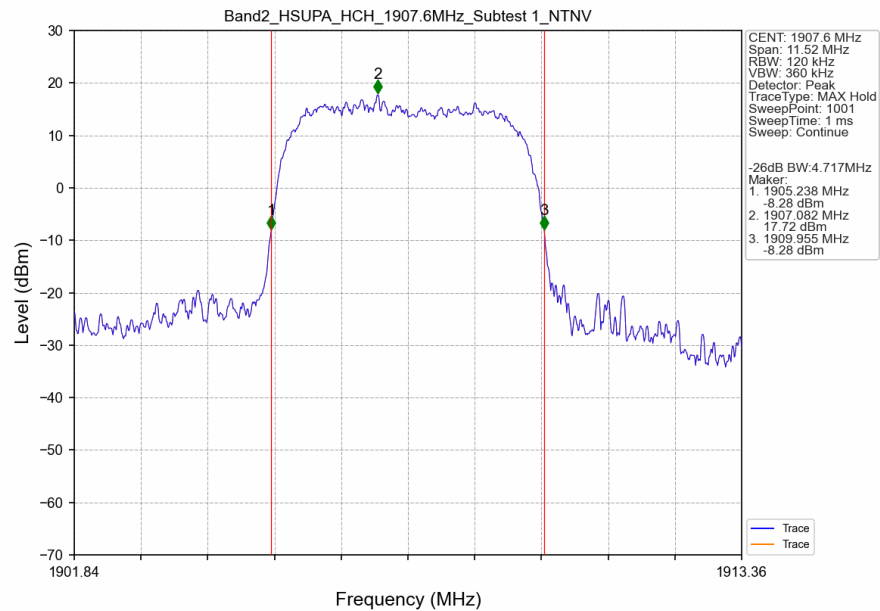
# BandII\_HSUPA\_LCH\_1852.4MHz\_Subtest 1\_NTNV



# BandII\_HSUPA\_MCH\_1880MHz\_Subtest 1\_NTNV



BandII HSUPA HCH 1907.6MHz Subtest 1 NTNV



## 4. Peak-Average Ratio

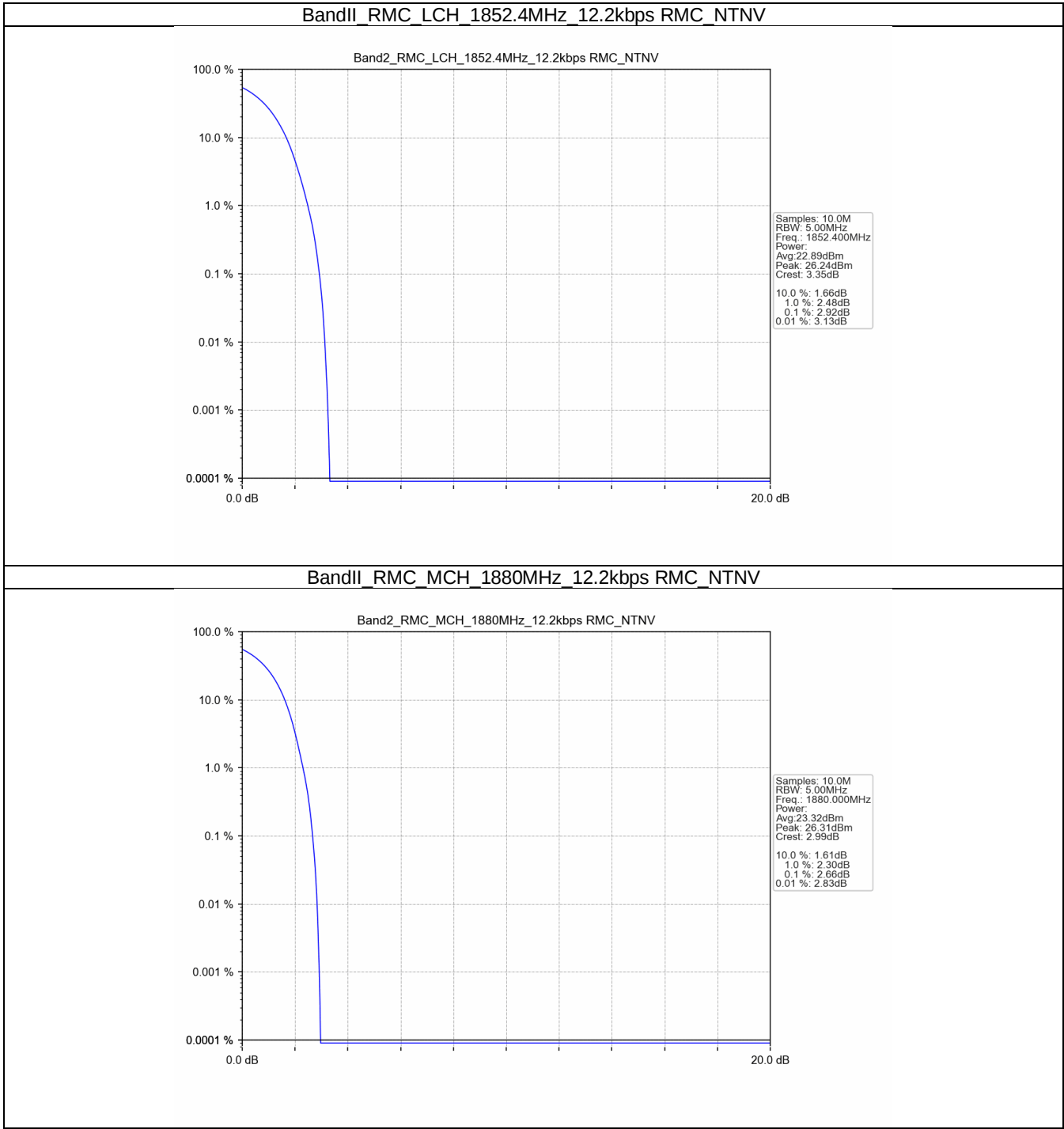
### 4.1 Test Result

#### 4.1.1 BandII

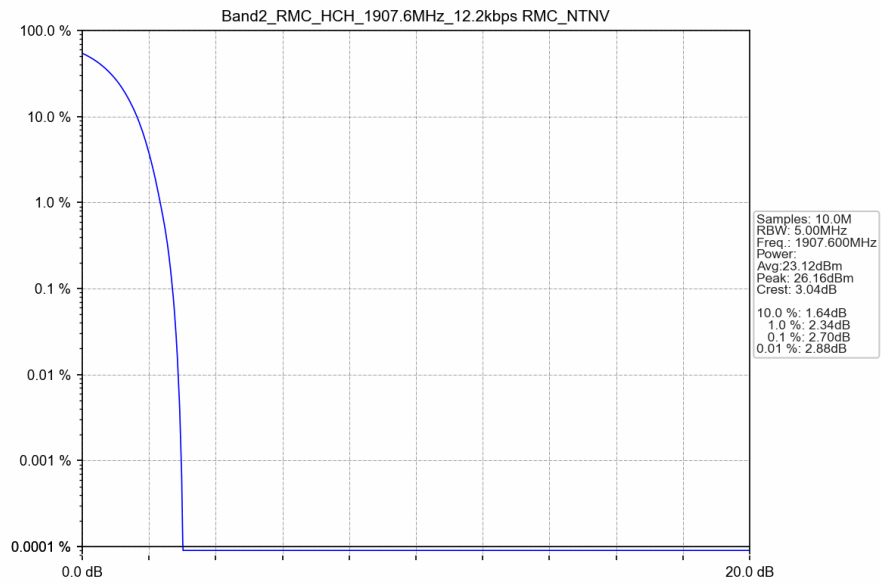
| Band: II |         |              |                    |                         |       |         |
|----------|---------|--------------|--------------------|-------------------------|-------|---------|
| ENV      | Mode    |              | Frequency<br>(MHz) | Peak-Average Ratio (dB) |       | Verdict |
|          | Network | Subset       |                    | Result                  | Limit |         |
| NTNV     | RMC     | 12.2kbps RMC | 1852.4             | 2.92                    | <=13  | Pass    |
|          |         |              | 1880               | 2.66                    | <=13  | Pass    |
|          |         |              | 1907.6             | 2.70                    | <=13  | Pass    |
|          | HSDPA   | Subtest 1    | 1852.4             | 5.75                    | <=13  | Pass    |
|          |         |              | 1880               | 5.67                    | <=13  | Pass    |
|          |         |              | 1907.6             | 5.80                    | <=13  | Pass    |
|          | HSUPA   | Subtest 1    | 1852.4             | 6.84                    | <=13  | Pass    |
|          |         |              | 1880               | 6.55                    | <=13  | Pass    |
|          |         |              | 1907.6             | 6.59                    | <=13  | Pass    |

# 4.2 Test Graph

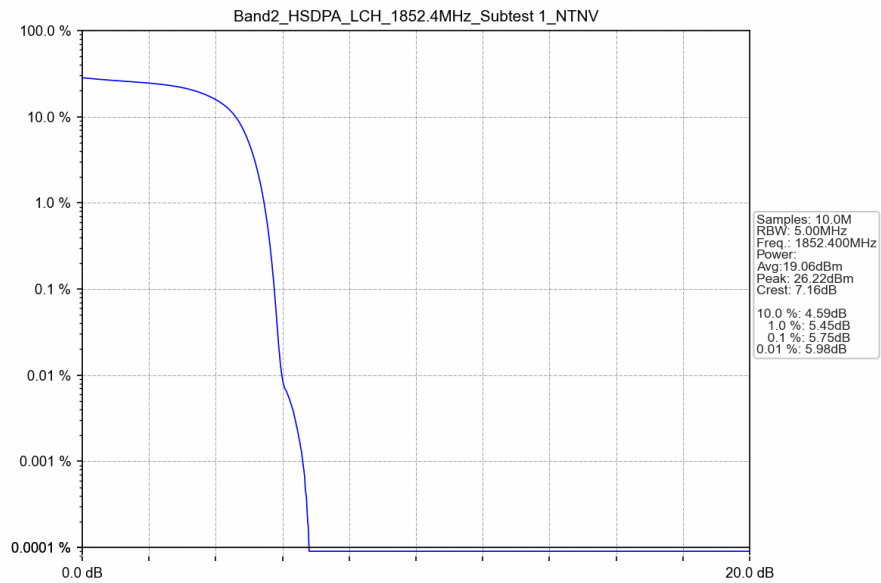
## 4.2.1 BandII



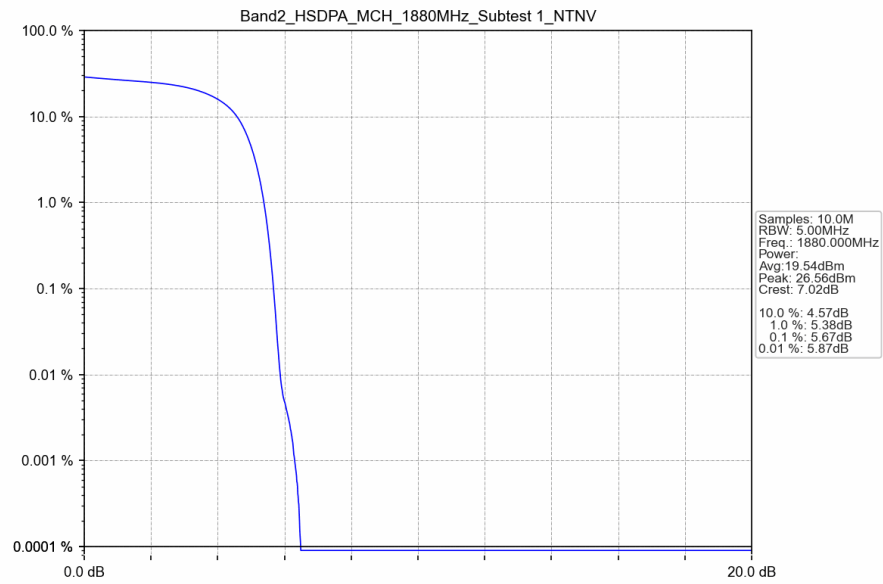
# BandII\_RMC\_HCH\_1907.6MHz\_12.2kbps\_RMC\_NTNV



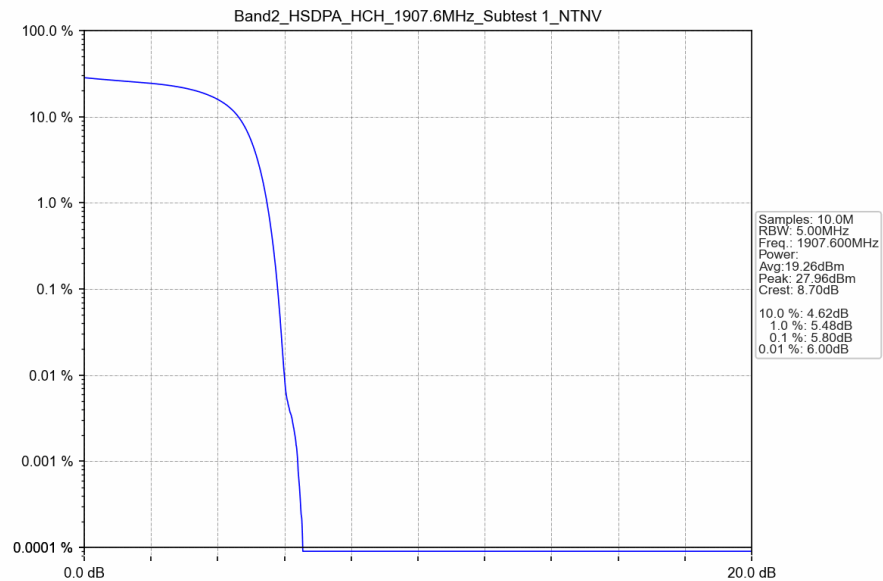
# BandII\_HSDPA\_LCH\_1852.4MHz\_Subtest 1\_NTNV



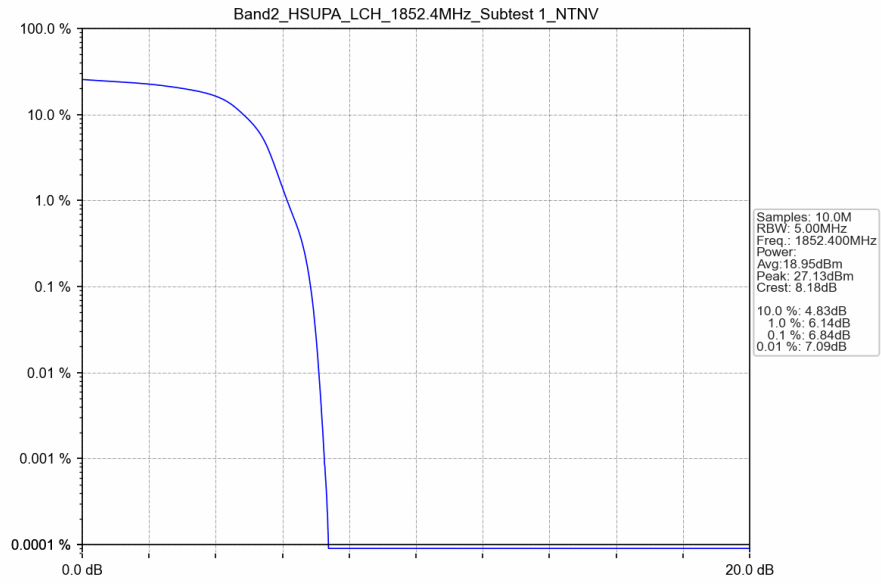
# BandII\_HSDPA\_MCH\_1880MHz\_Subtest 1\_NTNV



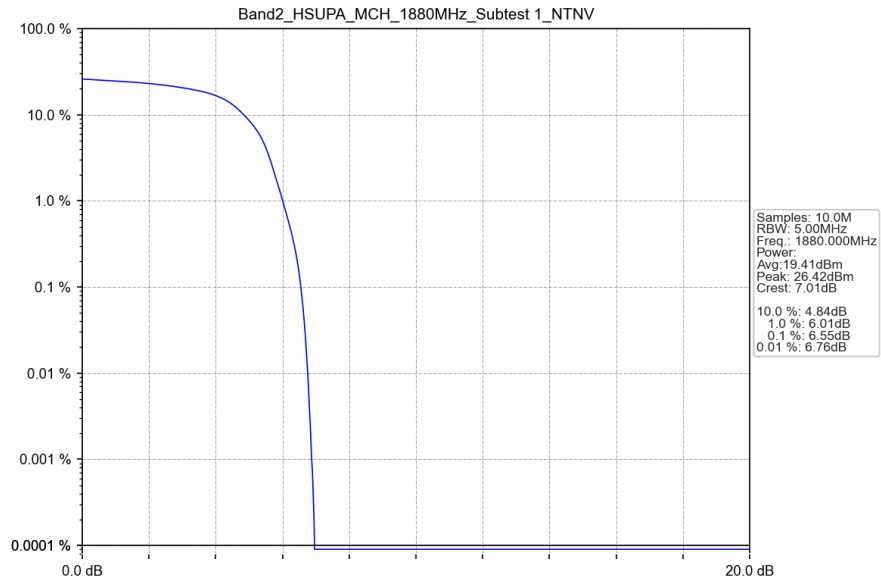
# BandII\_HSDPA\_HCH\_1907.6MHz\_Subtest 1\_NTNV



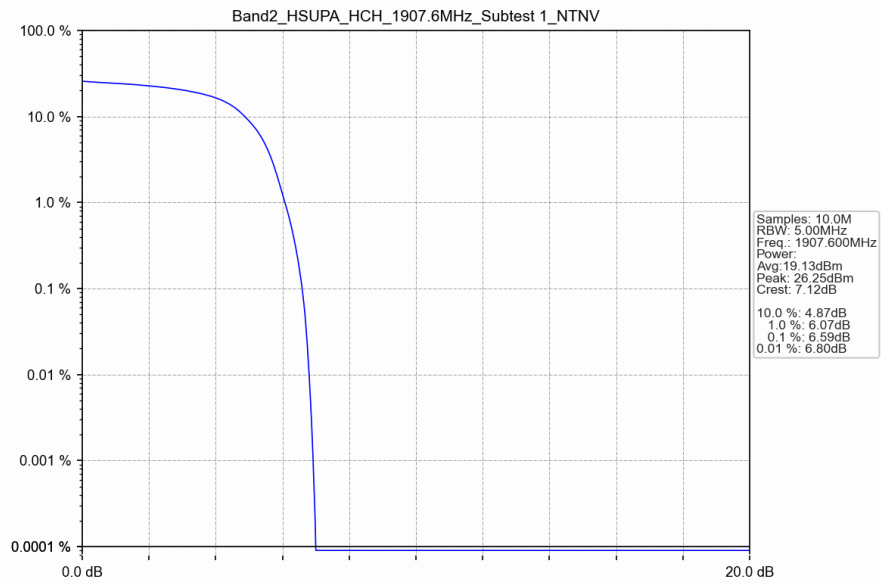
# BandII\_HSUPA\_LCH\_1852.4MHz\_Subtest 1\_NTNV



# BandII\_HSUPA\_MCH\_1880MHz\_Subtest 1\_NTNV



BandII HSUPA HCH 1907.6MHz Subtest 1 NTN



## 5. Spurious Emission

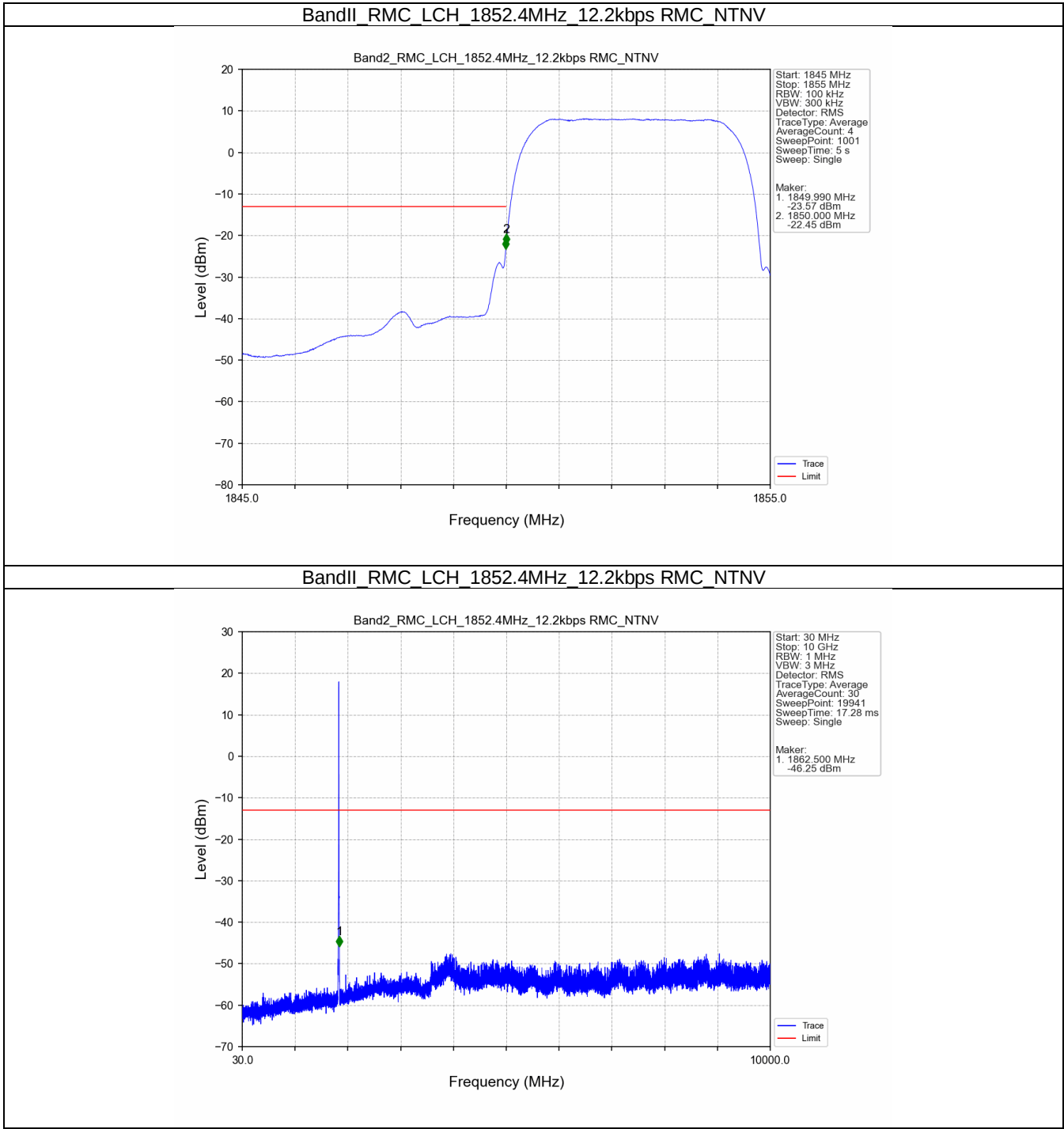
### 5.1 Test Result

#### 5.1.1 BandII

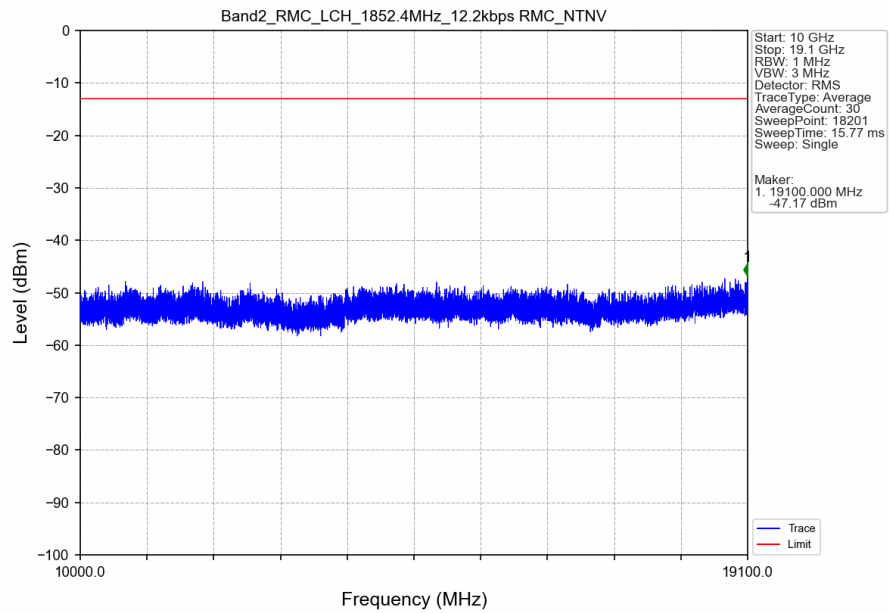
| Band: II |         |              |                    |                     |       |         |
|----------|---------|--------------|--------------------|---------------------|-------|---------|
| ENV      | Mode    |              | Frequency<br>(MHz) | Spurious Emission   |       | Verdict |
|          | Network | Subset       |                    | Result              | Limit |         |
| NTNV     | RMC     | 12.2kbps RMC | 1852.4             | Refer To Test Graph |       | Pass    |
|          |         |              | 1880               | Refer To Test Graph |       | Pass    |
|          |         |              | 1907.6             | Refer To Test Graph |       | Pass    |
|          | HSDPA   | Subtest 1    | 1852.4             | Refer To Test Graph |       | Pass    |
|          |         |              | 1880               | Refer To Test Graph |       | Pass    |
|          |         |              | 1907.6             | Refer To Test Graph |       | Pass    |
|          | HSUPA   | Subtest 1    | 1852.4             | Refer To Test Graph |       | Pass    |
|          |         |              | 1880               | Refer To Test Graph |       | Pass    |
|          |         |              | 1907.6             | Refer To Test Graph |       | Pass    |

# 5.2 Test Graph

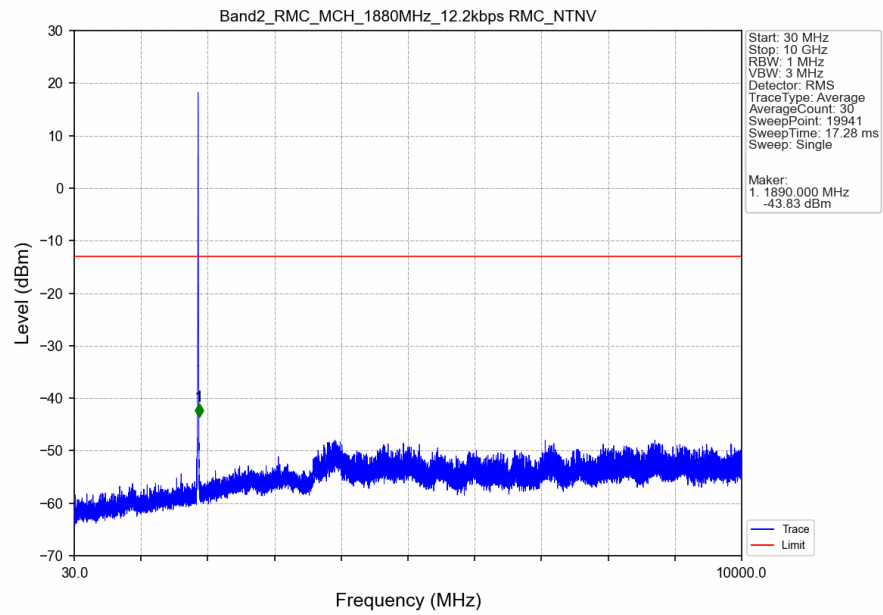
## 5.2.1 BandII



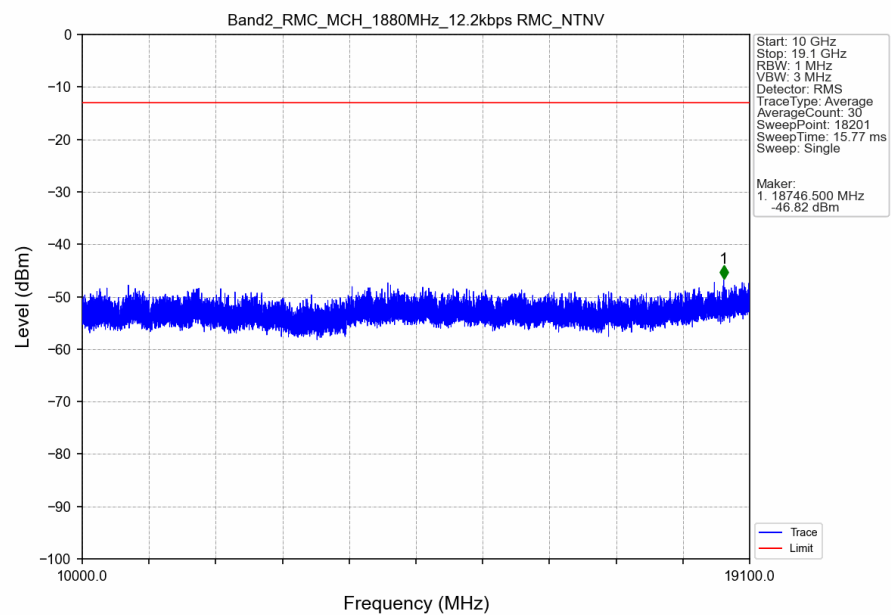
# BandII\_RMC\_LCH\_1852.4MHz\_12.2kbps RMC\_NTNV



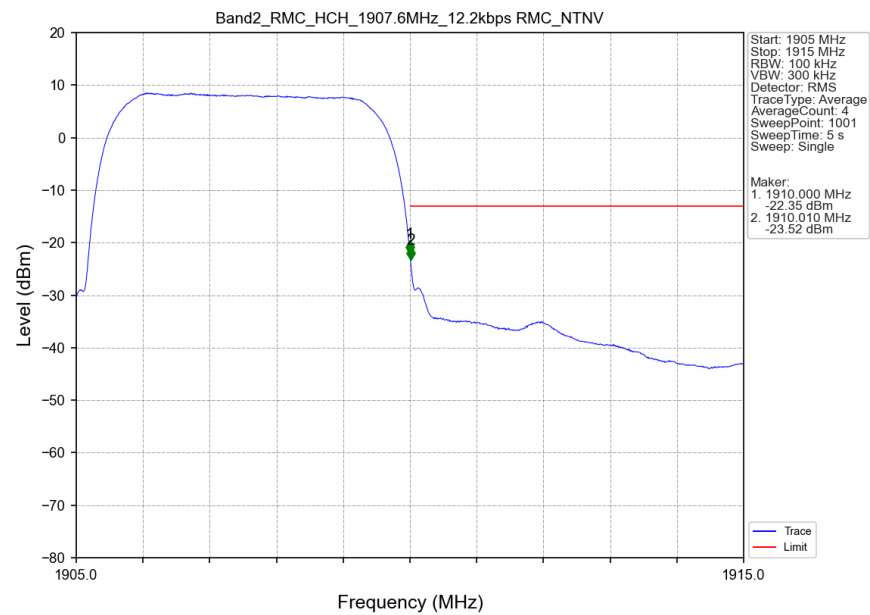
# BandII\_RMC\_MCH\_1880MHz\_12.2kbps RMC\_NTNV



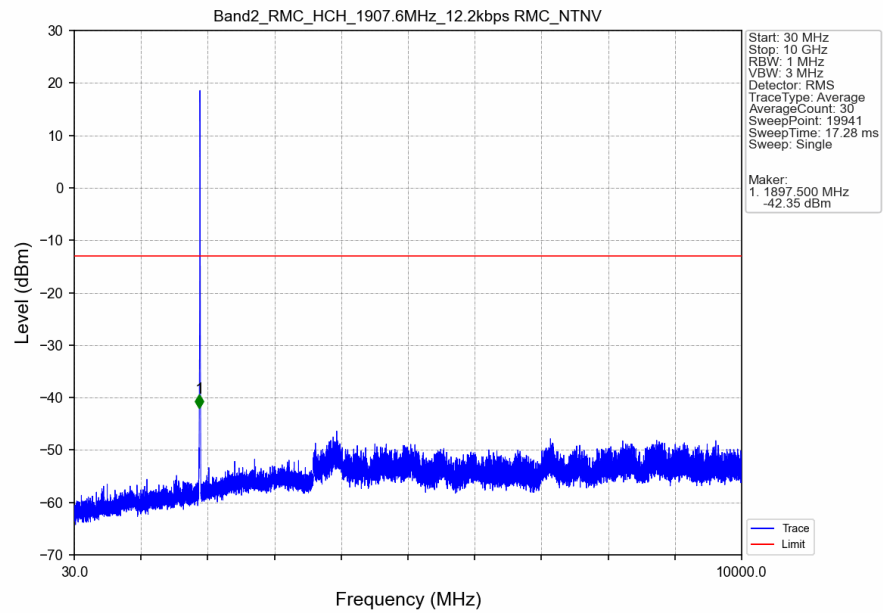
BandII\_RMC\_MCH\_1880MHz\_12.2kbps\_RMC\_NTNV



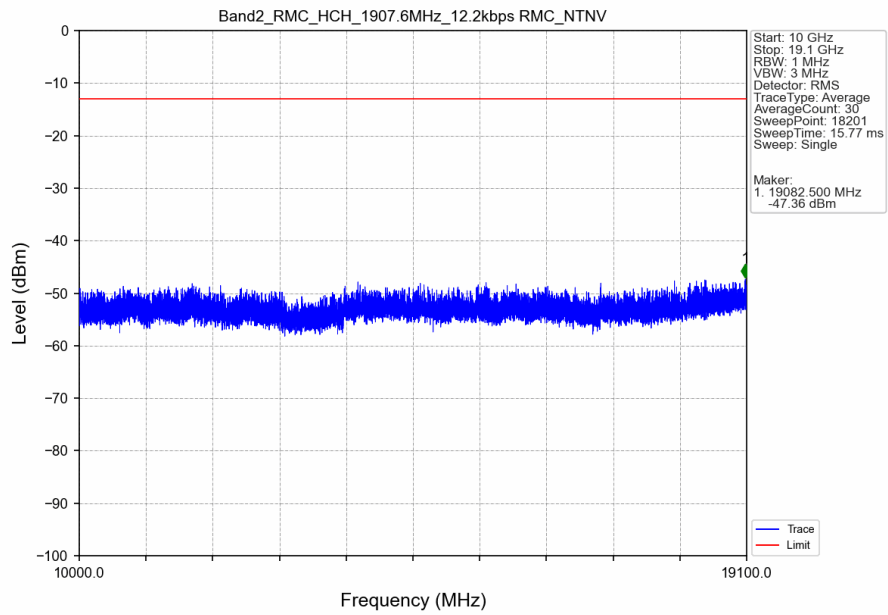
BandII\_RMC\_HCH\_1907.6MHz\_12.2kbps\_RMC\_NTNV



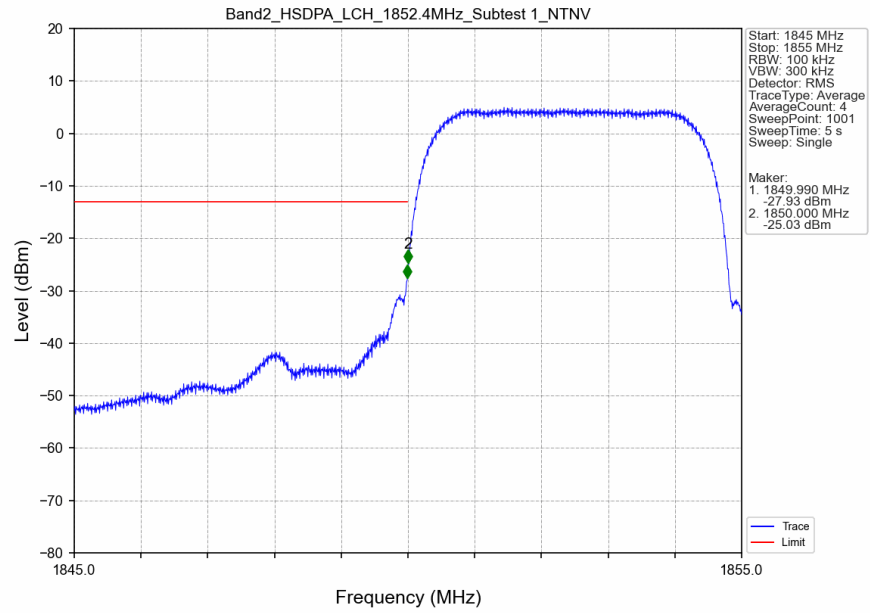
# BandII\_RMC\_HCH\_1907.6MHz\_12.2kbps RMC\_NTNV



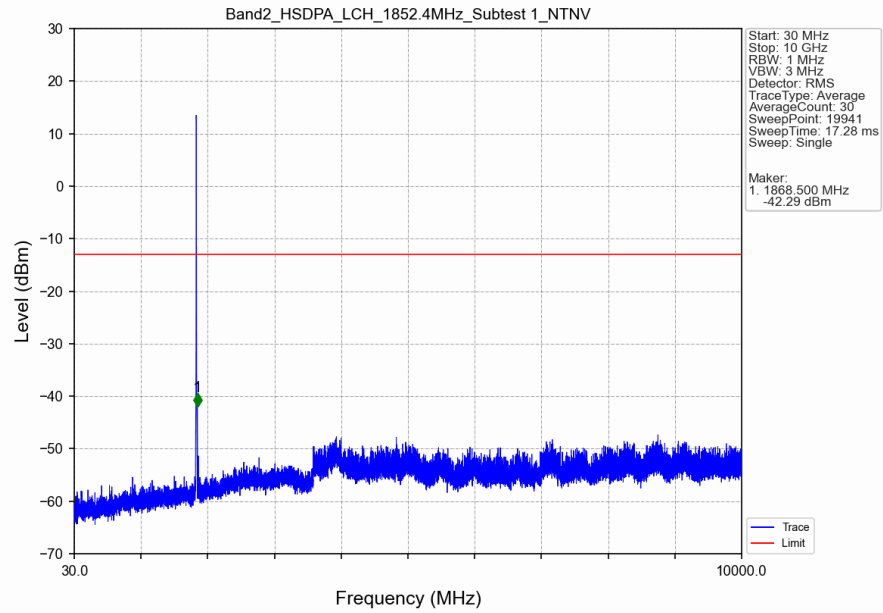
# BandII\_RMC\_HCH\_1907.6MHz\_12.2kbps RMC\_NTNV



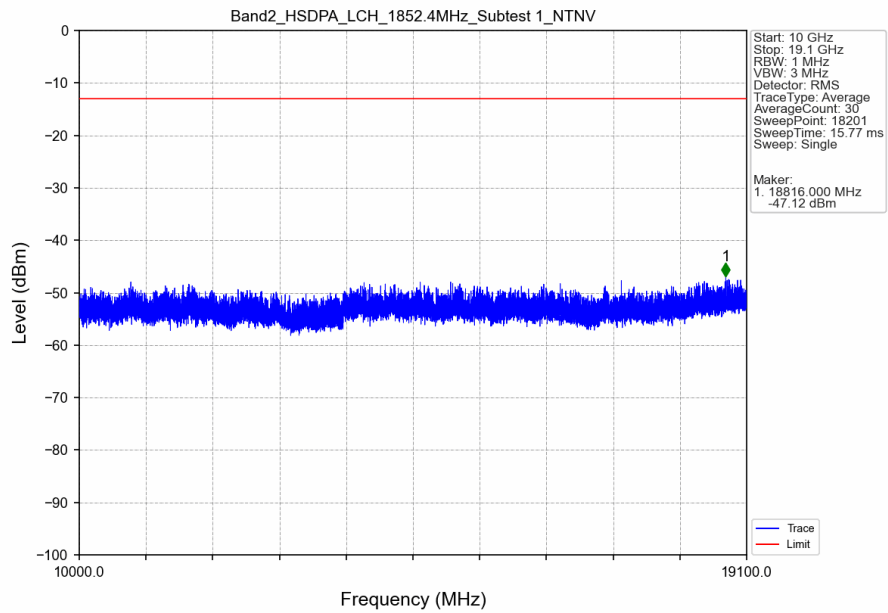
# BandII\_HSDPA\_LCH\_1852.4MHz\_Subtest 1\_NTNV



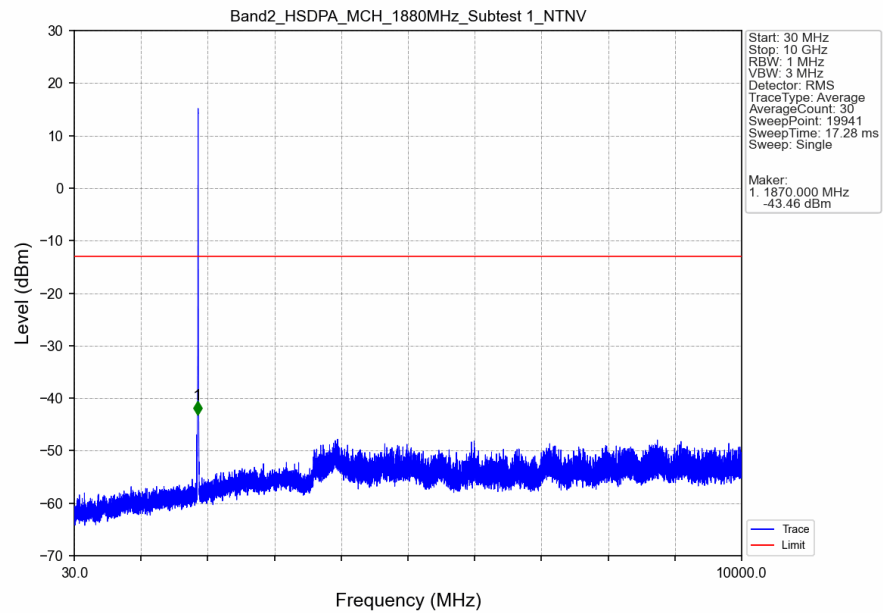
# BandII\_HSDPA\_LCH\_1852.4MHz\_Subtest 1\_NTNV



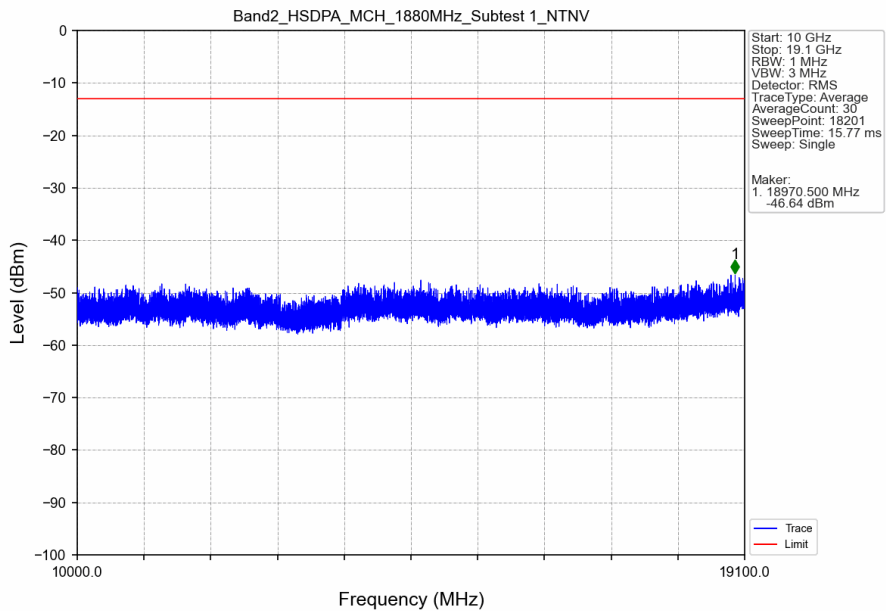
# BandII HSDPA LCH 1852.4MHz Subtest 1 NTN



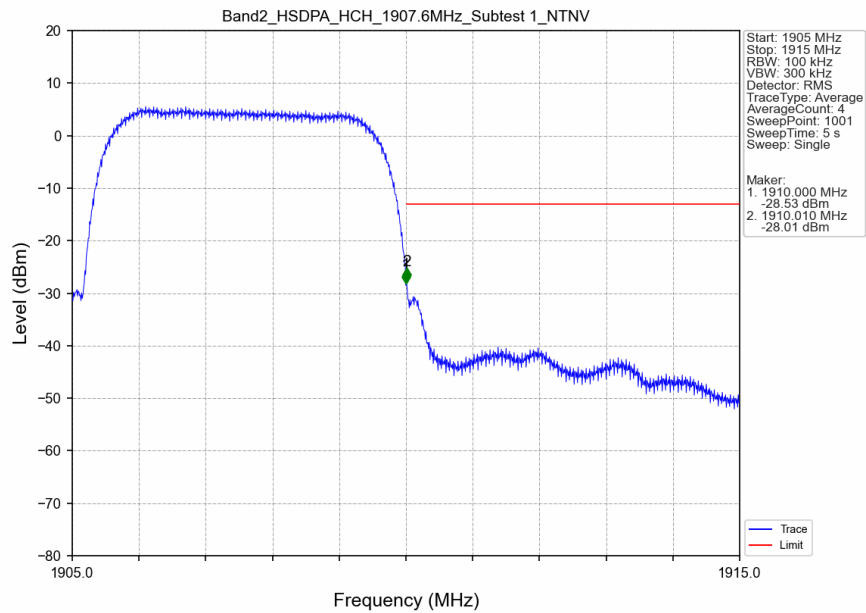
# BandII HSDPA MCH 1880MHz Subtest 1 NTN



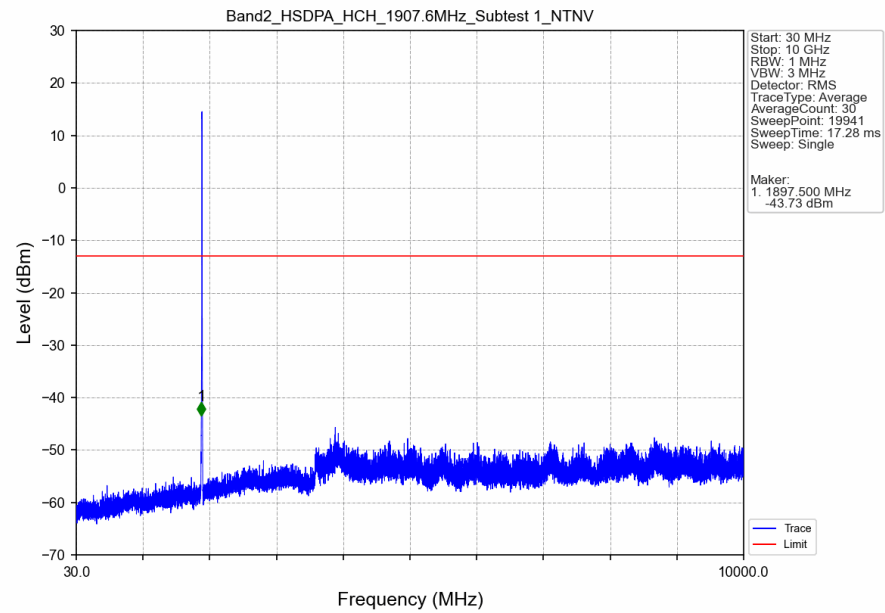
BandII\_HSDPA\_MCH\_1880MHz\_Subtest 1\_NTNV



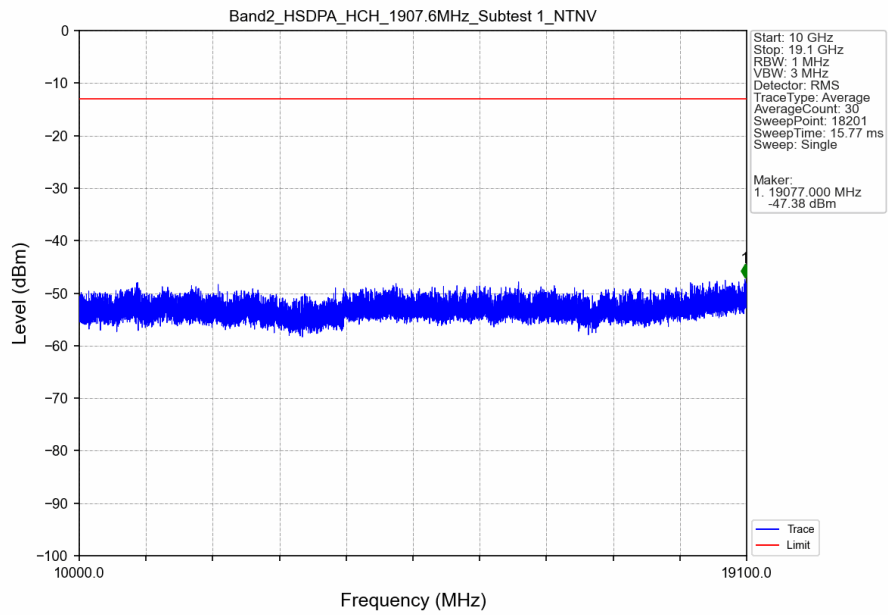
BandII\_HSDPA\_HCH\_1907.6MHz\_Subtest 1\_NTNV



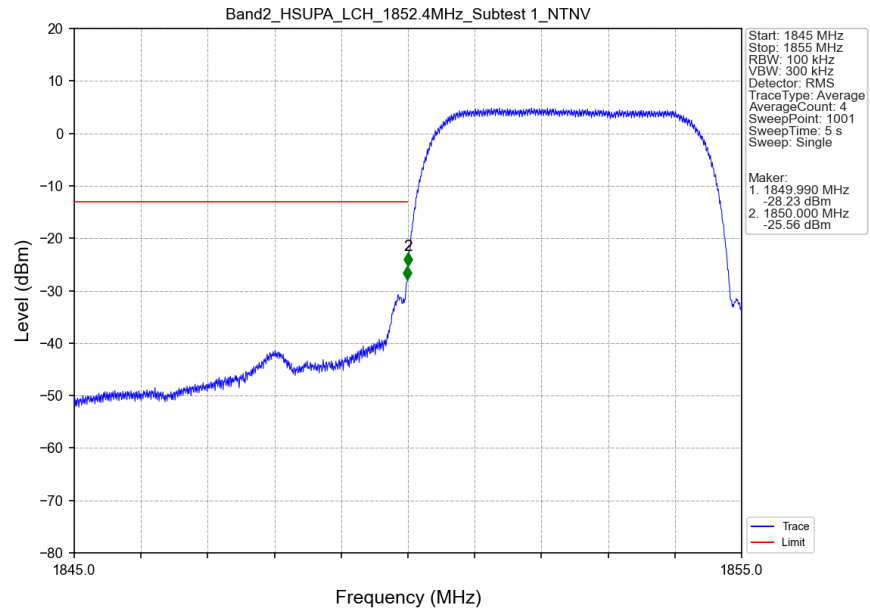
# BandII\_HSDPA\_HCH\_1907.6MHz\_Subtest 1\_NTNV



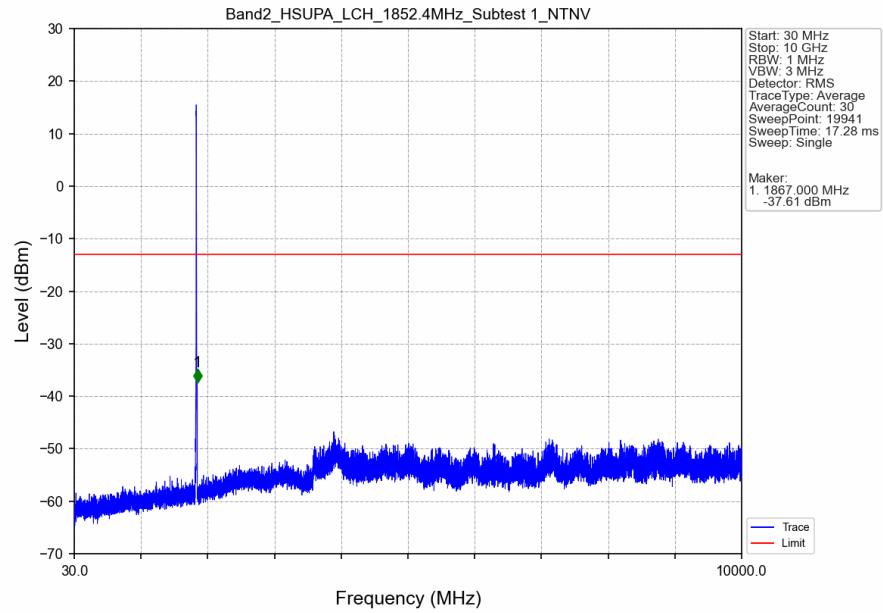
# BandII\_HSDPA\_HCH\_1907.6MHz\_Subtest 1\_NTNV



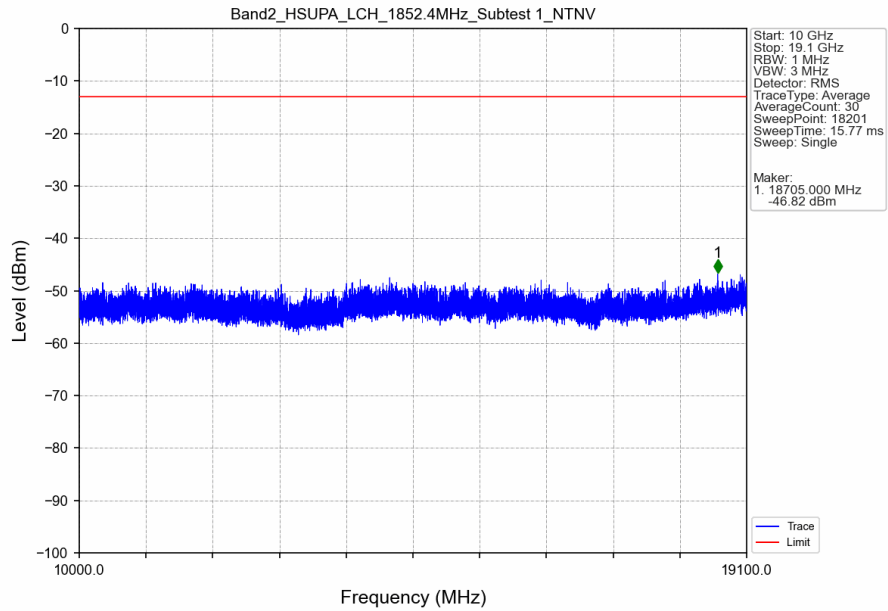
# BandII\_HSUPA\_LCH\_1852.4MHz\_Subtest 1\_NTNV



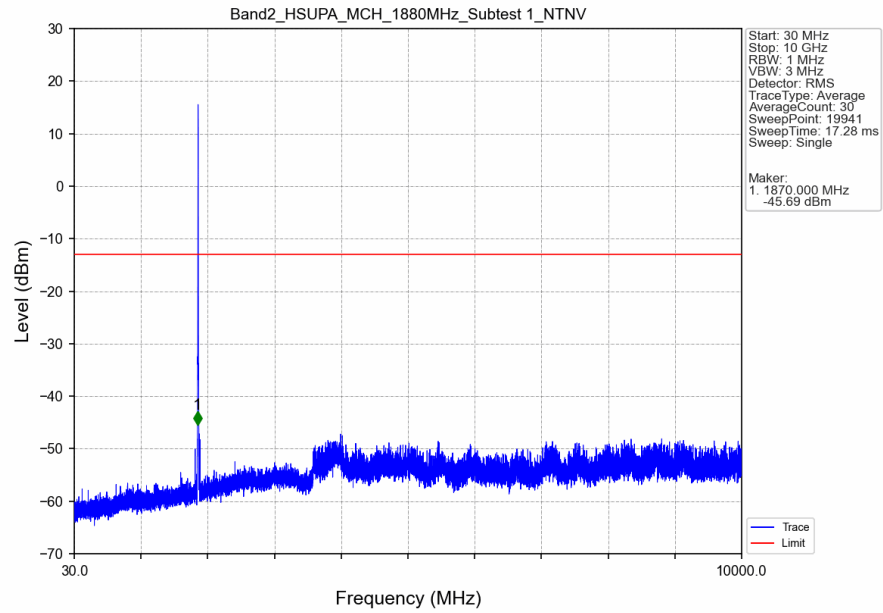
# BandII\_HSUPA\_LCH\_1852.4MHz\_Subtest 1\_NTNV



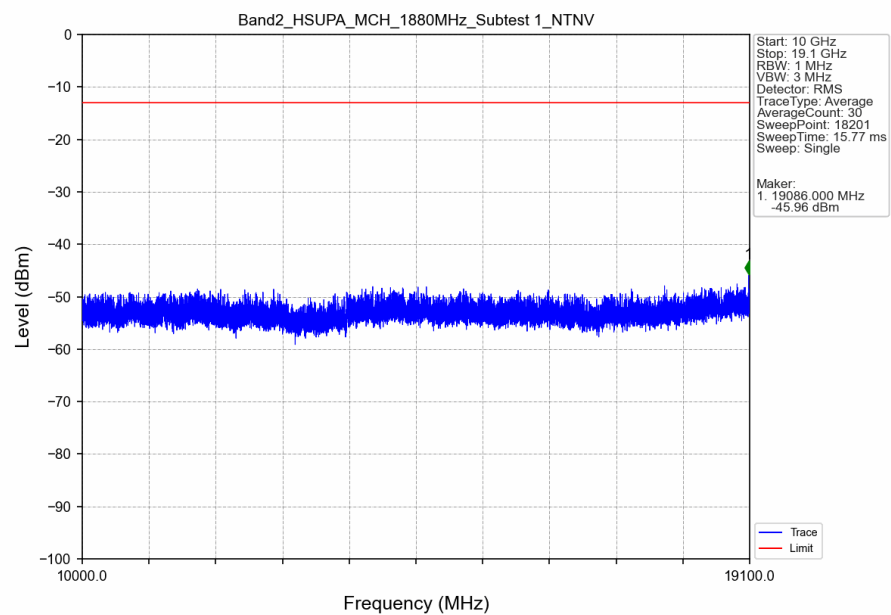
# BandII\_HSUPA\_LCH\_1852.4MHz\_Subtest 1\_NTNV



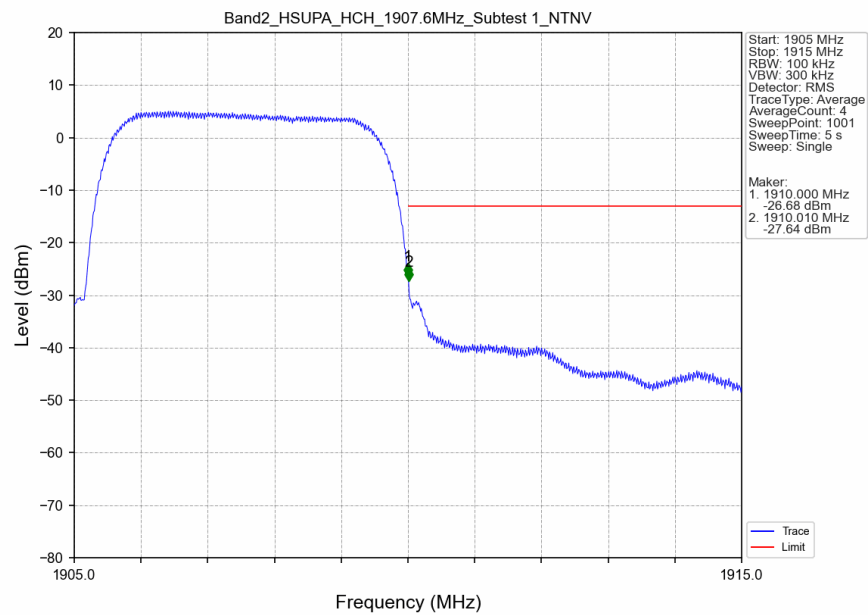
# BandII\_HSUPA\_MCH\_1880MHz\_Subtest 1\_NTNV



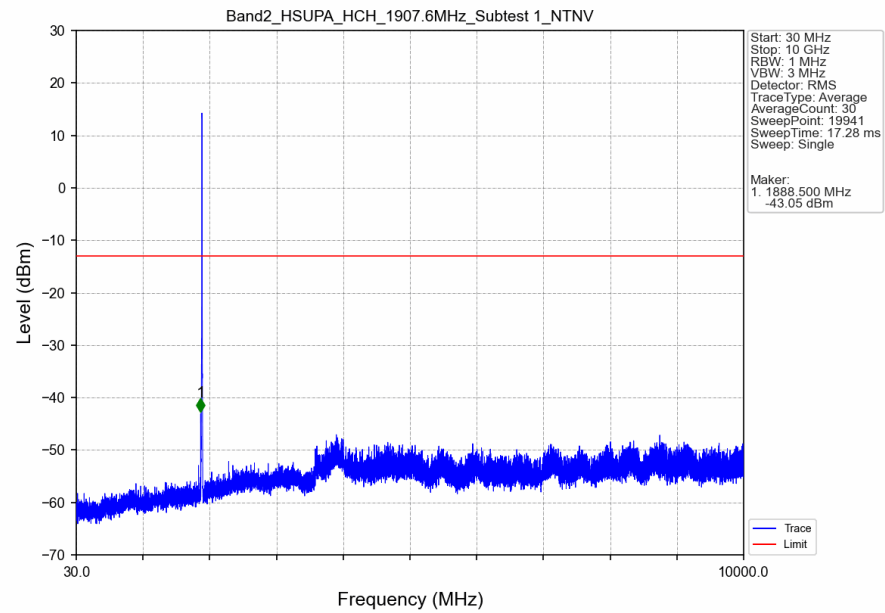
BandII\_HSUPA\_MCH\_1880MHz\_Subtest 1\_NTNV



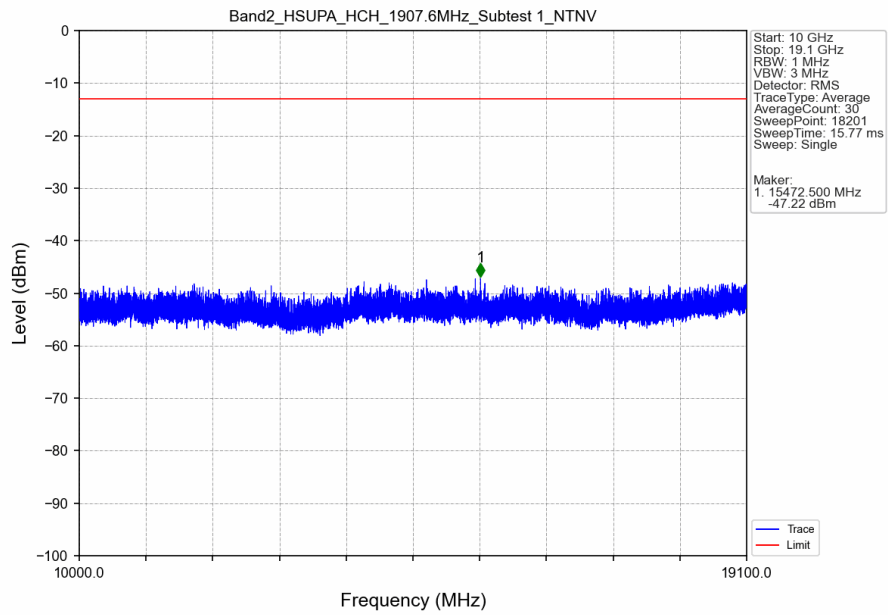
BandII\_HSUPA\_HCH\_1907.6MHz\_Subtest 1\_NTNV



# BandII\_HSUPA\_HCH\_1907.6MHz\_Subtest 1\_NTNV



# BandII\_HSUPA\_HCH\_1907.6MHz\_Subtest 1\_NTNV



## 6. Field Strength of Spurious Radiation

| WCDMA Band II 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 |
| 3704.8                          | -62.45     | -13         | -49.45          | -67.31           | 3.58            | 8.44               | Horizontal         | Pass   |
| 5557.2                          | -57.52     | -13         | -44.52          | -63.23           | 4.74            | 10.45              | Horizontal         | Pass   |
| 7409.6                          | -54.93     | -13         | -41.93          | -61.62           | 4.94            | 11.63              | Horizontal         | Pass   |
| 3704.8                          | -61.33     | -13         | -48.33          | -66.19           | 3.58            | 8.44               | Vertical           | Pass   |
| 5557.2                          | -57.71     | -13         | -44.71          | -63.42           | 4.74            | 10.45              | Vertical           | Pass   |
| 7409.6                          | -55.83     | -13         | -42.83          | -62.52           | 4.94            | 11.63              | Vertical           | Pass   |

| WCDMA Band II 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 |
| 3760.0                             | -61.05     | -13         | -48.05          | -65.94           | 3.63            | 8.52               | Horizontal         | Pass   |
| 5640.0                             | -56.84     | -13         | -43.84          | -62.54           | 4.75            | 10.45              | Horizontal         | Pass   |
| 7520.0                             | -54.36     | -13         | -41.36          | -61.18           | 4.94            | 11.76              | Horizontal         | Pass   |
| 3760.0                             | -61.76     | -13         | -48.76          | -66.65           | 3.63            | 8.52               | Vertical           | Pass   |
| 5640.0                             | -56.75     | -13         | -43.75          | -62.45           | 4.75            | 10.45              | Vertical           | Pass   |
| 7520.0                             | -56.0      | -13         | -43.0           | -62.82           | 4.94            | 11.76              | Vertical           | Pass   |

| WCDMA Band II 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 |
| 3815.2                           | -61.34     | -13         | -48.34          | -66.25           | 3.68            | 8.59               | Horizontal         | Pass   |
| 5722.8                           | -57.95     | -13         | -44.95          | -63.64           | 4.76            | 10.45              | Horizontal         | Pass   |
| 7630.4                           | -54.45     | -13         | -41.45          | -61.39           | 4.95            | 11.89              | Horizontal         | Pass   |
| 3815.2                           | -61.72     | -13         | -48.72          | -66.63           | 3.68            | 8.59               | Vertical           | Pass   |
| 5722.8                           | -57.73     | -13         | -44.73          | -63.42           | 4.76            | 10.45              | Vertical           | Pass   |
| 7630.4                           | -54.97     | -13         | -41.97          | -61.91           | 4.95            | 11.89              | Vertical           | Pass   |

Test on the worst case :

| WCDMA Band II 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 |
| 3704.8                          | -60.89     | -13         | -47.89          | -65.75           | 3.58            | 8.44               | Horizontal         | Pass   |
| 5557.2                          | -56.3      | -13         | -43.3           | -62.01           | 4.74            | 10.45              | Horizontal         | Pass   |
| 7409.6                          | -52.46     | -13         | -39.46          | -59.15           | 4.94            | 11.63              | Horizontal         | Pass   |
| 3704.8                          | -60.76     | -13         | -47.76          | -65.62           | 3.58            | 8.44               | Vertical           | Pass   |
| 5557.2                          | -56.46     | -13         | -43.46          | -62.17           | 4.74            | 10.45              | Vertical           | Pass   |
| 7409.6                          | -54.12     | -13         | -41.12          | -60.81           | 4.94            | 11.63              | Vertical           | Pass   |

| WCDMA Band II 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 |
| 3760.0                             | -60.68     | -13         | -47.68          | -65.57           | 3.63            | 8.52               | Horizontal         | Pass   |
| 5640.0                             | -55.08     | -13         | -42.08          | -60.78           | 4.75            | 10.45              | Horizontal         | Pass   |
| 7520.0                             | -53.12     | -13         | -40.12          | -59.94           | 4.94            | 11.76              | Horizontal         | Pass   |
| 3760.0                             | -60.18     | -13         | -47.18          | -65.07           | 3.63            | 8.52               | Vertical           | Pass   |
| 5640.0                             | -55.83     | -13         | -42.83          | -61.53           | 4.75            | 10.45              | Vertical           | Pass   |
| 7520.0                             | -55.03     | -13         | -42.03          | -61.85           | 4.94            | 11.76              | Vertical           | Pass   |

| WCDMA Band II 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 |
| 3815.2                           | -60.59     | -13         | -47.59          | -65.5            | 3.68            | 8.59               | Horizontal         | Pass   |
| 5722.8                           | -56.72     | -13         | -43.72          | -62.41           | 4.76            | 10.45              | Horizontal         | Pass   |
| 7630.4                           | -53.36     | -13         | -40.36          | -60.3            | 4.95            | 11.89              | Horizontal         | Pass   |
| 3815.2                           | -60.26     | -13         | -47.26          | -65.17           | 3.68            | 8.59               | Vertical           | Pass   |
| 5722.8                           | -56.33     | -13         | -43.33          | -62.02           | 4.76            | 10.45              | Vertical           | Pass   |
| 7630.4                           | -54.11     | -13         | -41.11          | -61.05           | 4.95            | 11.89              | Vertical           | Pass   |