

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 BandII\_EIRP

| Band: II |         |              |                 |                       |            |            |         |         |
|----------|---------|--------------|-----------------|-----------------------|------------|------------|---------|---------|
| ENV      | Mode    |              | Frequency (MHz) | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|          | Network | Subset       |                 |                       |            | Result     | Limit   |         |
| NTNV     | RMC     | 12.2kbps RMC | 1852.4          | 24.59                 | -3.00      | 21.59      | <=33.01 | Pass    |
|          |         |              | 1880            | 24.35                 | -3.00      | 21.35      | <=33.01 | Pass    |
|          |         |              | 1907.6          | 24.33                 | -3.00      | 21.33      | <=33.01 | Pass    |
|          | HSDPA   | Subtest 1    | 1852.4          | 22.92                 | -3.00      | 19.92      | <=33.01 | Pass    |
|          |         | Subtest 2    | 1852.4          | 22.85                 | -3.00      | 19.85      | <=33.01 | Pass    |
|          |         | Subtest 3    | 1852.4          | 22.69                 | -3.00      | 19.69      | <=33.01 | Pass    |
|          |         | Subtest 4    | 1852.4          | 22.72                 | -3.00      | 19.72      | <=33.01 | Pass    |
|          |         | Subtest 1    | 1880            | 22.59                 | -3.00      | 19.59      | <=33.01 | Pass    |
|          |         | Subtest 2    | 1880            | 22.59                 | -3.00      | 19.59      | <=33.01 | Pass    |
|          |         | Subtest 3    | 1880            | 22.44                 | -3.00      | 19.44      | <=33.01 | Pass    |
|          |         | Subtest 4    | 1880            | 22.46                 | -3.00      | 19.46      | <=33.01 | Pass    |
|          |         | Subtest 1    | 1907.6          | 22.56                 | -3.00      | 19.56      | <=33.01 | Pass    |
|          |         | Subtest 2    | 1907.6          | 22.56                 | -3.00      | 19.56      | <=33.01 | Pass    |
|          |         | Subtest 3    | 1907.6          | 22.40                 | -3.00      | 19.40      | <=33.01 | Pass    |
|          |         | Subtest 4    | 1907.6          | 22.44                 | -3.00      | 19.44      | <=33.01 | Pass    |
|          | HSUPA   | Subtest 1    | 1852.4          | 20.64                 | -3.00      | 17.64      | <=33.01 | Pass    |
|          |         | Subtest 2    | 1852.4          | 21.38                 | -3.00      | 18.38      | <=33.01 | Pass    |
|          |         | Subtest 3    | 1852.4          | 21.39                 | -3.00      | 18.39      | <=33.01 | Pass    |
|          |         | Subtest 4    | 1852.4          | 19.93                 | -3.00      | 16.93      | <=33.01 | Pass    |
|          |         | Subtest 5    | 1852.4          | 19.90                 | -3.00      | 16.90      | <=33.01 | Pass    |
|          |         | Subtest 1    | 1880            | 20.15                 | -3.00      | 17.15      | <=33.01 | Pass    |
|          |         | Subtest 2    | 1880            | 21.32                 | -3.00      | 18.32      | <=33.01 | Pass    |
|          |         | Subtest 3    | 1880            | 21.00                 | -3.00      | 18.00      | <=33.01 | Pass    |
|          |         | Subtest 4    | 1880            | 19.49                 | -3.00      | 16.49      | <=33.01 | Pass    |
|          |         | Subtest 5    | 1880            | 19.94                 | -3.00      | 16.94      | <=33.01 | Pass    |
|          |         | Subtest 1    | 1907.6          | 20.38                 | -3.00      | 17.38      | <=33.01 | Pass    |
|          |         | Subtest 2    | 1907.6          | 21.45                 | -3.00      | 18.45      | <=33.01 | Pass    |
|          |         | Subtest 3    | 1907.6          | 20.94                 | -3.00      | 17.94      | <=33.01 | Pass    |
|          |         | Subtest 4    | 1907.6          | 19.97                 | -3.00      | 16.97      | <=33.01 | Pass    |
|          |         | Subtest 5    | 1907.6          | 19.51                 | -3.00      | 16.51      | <=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         | 3.4           | 2.818            | 0.0015                | -2.5 to 2.5 | Pass    |
|          |                 |            | 3.92          | 2.532            | 0.0014                | -2.5 to 2.5 | Pass    |
|          |                 |            | 4.53          | 2.947            | 0.0016                | -2.5 to 2.5 | Pass    |
|          |                 | -30        | 3.92          | 3.076            | 0.0017                | -2.5 to 2.5 | Pass    |
|          |                 | -20        | 3.92          | 3.269            | 0.0018                | -2.5 to 2.5 | Pass    |
|          |                 | -10        | 3.92          | 2.553            | 0.0014                | -2.5 to 2.5 | Pass    |
|          |                 | 0          | 3.92          | 2.210            | 0.0012                | -2.5 to 2.5 | Pass    |
|          |                 | 10         | 3.92          | 2.632            | 0.0014                | -2.5 to 2.5 | Pass    |
|          |                 | 30         | 3.92          | 2.761            | 0.0015                | -2.5 to 2.5 | Pass    |
|          |                 | 40         | 3.92          | 2.511            | 0.0014                | -2.5 to 2.5 | Pass    |
|          |                 | 50         | 3.92          | 2.725            | 0.0015                | -2.5 to 2.5 | Pass    |
|          | 1880            | 20         | 3.4           | 2.582            | 0.0014                | -2.5 to 2.5 | Pass    |
|          |                 |            | 3.92          | 3.018            | 0.0016                | -2.5 to 2.5 | Pass    |
|          |                 |            | 4.53          | 2.325            | 0.0012                | -2.5 to 2.5 | Pass    |
|          |                 | -30        | 3.92          | 2.754            | 0.0015                | -2.5 to 2.5 | Pass    |
|          |                 | -20        | 3.92          | 2.961            | 0.0016                | -2.5 to 2.5 | Pass    |
|          |                 | -10        | 3.92          | 2.868            | 0.0015                | -2.5 to 2.5 | Pass    |
|          |                 | 0          | 3.92          | 2.890            | 0.0015                | -2.5 to 2.5 | Pass    |
|          |                 | 10         | 3.92          | 2.947            | 0.0016                | -2.5 to 2.5 | Pass    |
|          |                 | 30         | 3.92          | 2.460            | 0.0013                | -2.5 to 2.5 | Pass    |
|          |                 | 40         | 3.92          | 2.632            | 0.0014                | -2.5 to 2.5 | Pass    |
|          |                 | 50         | 3.92          | 2.532            | 0.0013                | -2.5 to 2.5 | Pass    |
|          | 1907.6          | 20         | 3.4           | 3.018            | 0.0016                | -2.5 to 2.5 | Pass    |
|          |                 |            | 3.92          | 2.882            | 0.0015                | -2.5 to 2.5 | Pass    |
|          |                 |            | 4.53          | 2.489            | 0.0013                | -2.5 to 2.5 | Pass    |
|          |                 | -30        | 3.92          | 2.568            | 0.0013                | -2.5 to 2.5 | Pass    |
|          |                 | -20        | 3.92          | 2.496            | 0.0013                | -2.5 to 2.5 | Pass    |
|          |                 | -10        | 3.92          | 2.303            | 0.0012                | -2.5 to 2.5 | Pass    |
|          |                 | 0          | 3.92          | 2.518            | 0.0013                | -2.5 to 2.5 | Pass    |
|          |                 | 10         | 3.92          | 2.453            | 0.0013                | -2.5 to 2.5 | Pass    |
|          |                 | 30         | 3.92          | 2.267            | 0.0012                | -2.5 to 2.5 | Pass    |
|          |                 | 40         | 3.92          | 2.124            | 0.0011                | -2.5 to 2.5 | Pass    |
|          |                 | 50         | 3.92          | 2.632            | 0.0014                | -2.5 to 2.5 | Pass    |
| HSDPA    | 1852.4          | 20         | 3.4           | 0.222            | 0.0001                | -2.5 to 2.5 | Pass    |
|          |                 |            | 3.92          | 0.465            | 0.0003                | -2.5 to 2.5 | Pass    |
|          |                 |            | 4.53          | 0.522            | 0.0003                | -2.5 to 2.5 | Pass    |
|          |                 | -30        | 3.92          | 1.545            | 0.0008                | -2.5 to 2.5 | Pass    |
|          |                 | -20        | 3.92          | 0.858            | 0.0005                | -2.5 to 2.5 | Pass    |
|          |                 | -10        | 3.92          | 1.366            | 0.0007                | -2.5 to 2.5 | Pass    |
|          |                 | 0          | 3.92          | 0.787            | 0.0004                | -2.5 to 2.5 | Pass    |
|          |                 | 10         | 3.92          | 1.359            | 0.0007                | -2.5 to 2.5 | Pass    |
|          |                 | 30         | 3.92          | 1.037            | 0.0006                | -2.5 to 2.5 | Pass    |
|          |                 | 40         | 3.92          | 1.259            | 0.0007                | -2.5 to 2.5 | Pass    |
|          |                 | 50         | 3.92          | 0.679            | 0.0004                | -2.5 to 2.5 | Pass    |
|          | 1880            | 20         | 3.4           | 1.845            | 0.0010                | -2.5 to 2.5 | Pass    |
|          |                 |            | 3.92          | 2.038            | 0.0011                | -2.5 to 2.5 | Pass    |
|          |                 |            | 4.53          | 2.460            | 0.0013                | -2.5 to 2.5 | Pass    |

|       |        |     |      |        |         |             |      |
|-------|--------|-----|------|--------|---------|-------------|------|
|       |        | -30 | 3.92 | 1.473  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.92 | 1.602  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.92 | 1.402  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.92 | 1.853  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.92 | 2.224  | 0.0012  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.92 | 1.638  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.92 | 2.289  | 0.0012  | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.92 | 2.568  | 0.0014  | -2.5 to 2.5 | Pass |
|       | 1907.6 | 20  | 3.4  | 0.157  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |     | 3.92 | -0.758 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |     | 4.53 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.92 | -0.572 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.92 | -0.794 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.92 | -0.250 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.92 | -0.701 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.92 | -0.393 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.92 | -0.608 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.92 | -0.429 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.92 | -0.222 | -0.0001 | -2.5 to 2.5 | Pass |
| HSUPA | 1852.4 | 20  | 3.4  | -1.738 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |     | 3.92 | -1.073 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |     | 4.53 | -0.536 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.92 | -0.851 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.92 | -1.059 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.92 | -1.037 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.92 | -1.187 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.92 | -1.023 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.92 | -1.295 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.92 | -0.980 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.92 | -1.488 | -0.0008 | -2.5 to 2.5 | Pass |
|       | 1880   | 20  | 3.4  | -1.838 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |     | 3.92 | -2.682 | -0.0014 | -2.5 to 2.5 | Pass |
|       |        |     | 4.53 | -2.604 | -0.0014 | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.92 | -2.217 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.92 | -2.925 | -0.0016 | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.92 | -1.616 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.92 | -1.688 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.92 | -2.017 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.92 | -2.360 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.92 | -2.482 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.92 | -2.139 | -0.0011 | -2.5 to 2.5 | Pass |
|       | 1907.6 | 20  | 3.4  | -1.781 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |     | 3.92 | -1.817 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |     | 4.53 | -1.481 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.92 | -1.745 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.92 | -1.616 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.92 | -1.938 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.92 | -1.130 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.92 | -1.924 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.92 | -1.774 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.92 | -2.296 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.92 | -1.774 | -0.0009 | -2.5 to 2.5 | Pass |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 BandII\_OBW

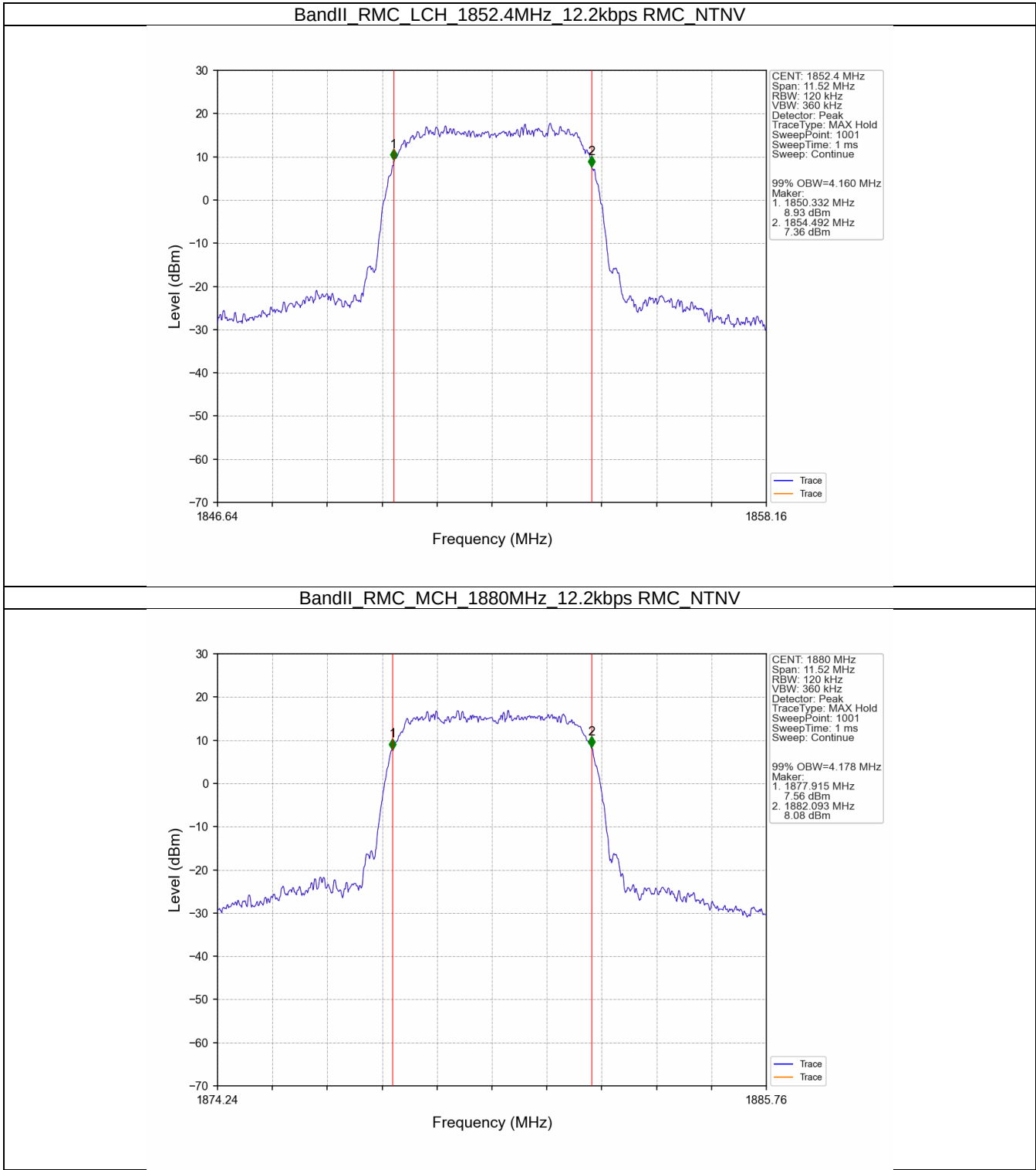
| Band: II |         |              |                 |                              |       |         |
|----------|---------|--------------|-----------------|------------------------------|-------|---------|
| ENV      | Mode    |              | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |       | Verdict |
|          | Network | Subset       |                 | Result                       | Limit |         |
| NTNV     | RMC     | 12.2kbps RMC | 1852.4          | 4.160                        | /     | Pass    |
|          |         |              | 1880            | 4.178                        | /     | Pass    |
|          |         |              | 1907.6          | 4.160                        | /     | Pass    |
|          | HSDPA   | Subtest 1    | 1852.4          | 4.160                        | /     | Pass    |
|          |         |              | 1880            | 4.167                        | /     | Pass    |
|          |         |              | 1907.6          | 4.167                        | /     | Pass    |
|          | HSUPA   | Subtest 1    | 1852.4          | 4.183                        | /     | Pass    |
|          |         |              | 1880            | 4.165                        | /     | Pass    |
|          |         |              | 1907.6          | 4.164                        | /     | Pass    |

##### 3.1.2 BandII\_XDB

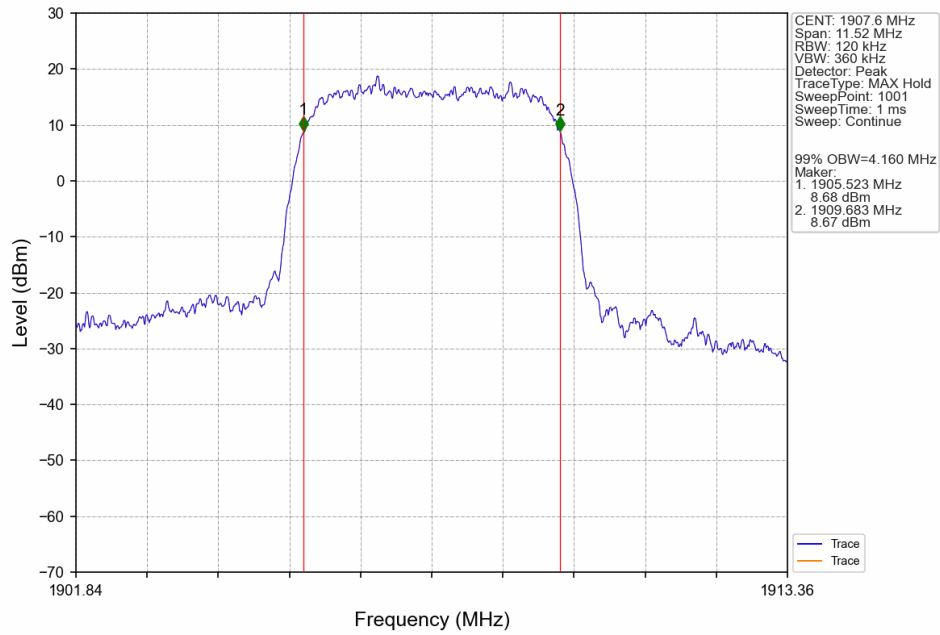
| Band: II |         |              |                 |                      |       |         |
|----------|---------|--------------|-----------------|----------------------|-------|---------|
| ENV      | Mode    |              | Frequency (MHz) | 26dB Bandwidth (MHz) |       | Verdict |
|          | Network | Subset       |                 | Result               | Limit |         |
| NTNV     | RMC     | 12.2kbps RMC | 1852.4          | 4.755                | /     | Pass    |
|          |         |              | 1880            | 4.764                | /     | Pass    |
|          |         |              | 1907.6          | 4.750                | /     | Pass    |
|          | HSDPA   | Subtest 1    | 1852.4          | 4.772                | /     | Pass    |
|          |         |              | 1880            | 4.755                | /     | Pass    |
|          |         |              | 1907.6          | 4.786                | /     | Pass    |
|          | HSUPA   | Subtest 1    | 1852.4          | 4.781                | /     | Pass    |
|          |         |              | 1880            | 4.780                | /     | Pass    |
|          |         |              | 1907.6          | 4.791                | /     | Pass    |

# 3.2 Test Graph

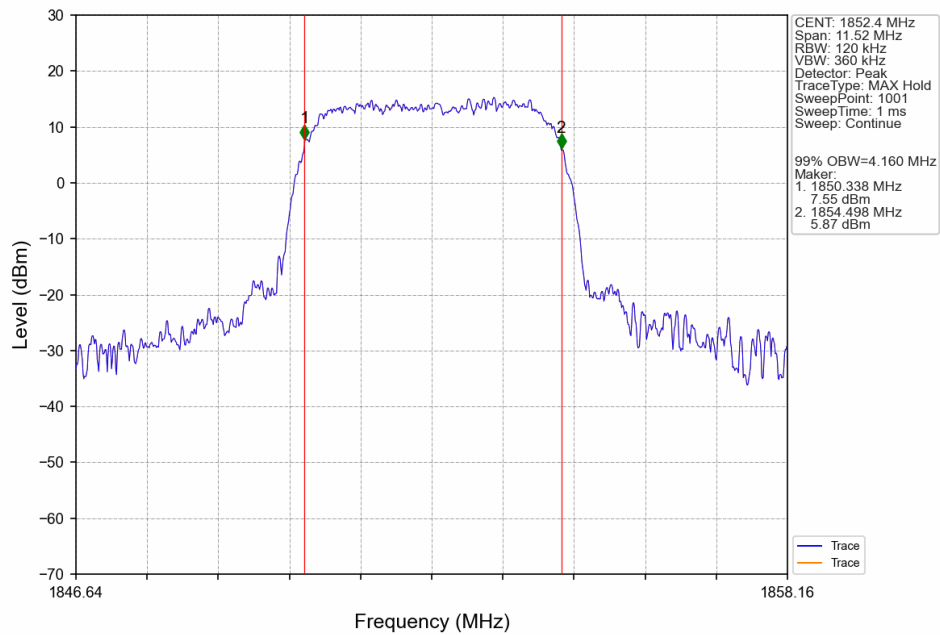
## 3.2.1 BandII\_OBW



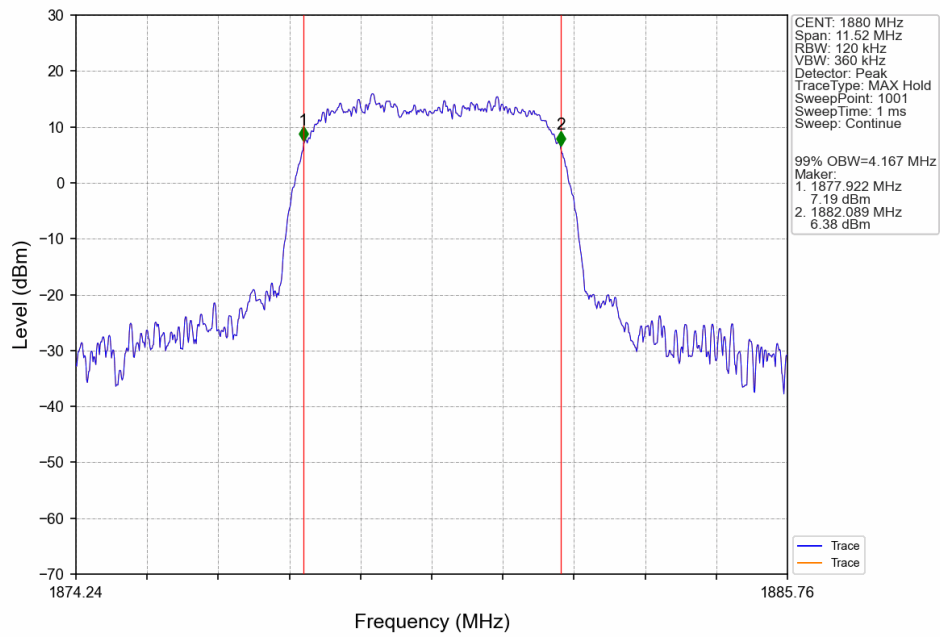
BandII RMC HCH 1907.6MHz 12.2kbps RMC NTN



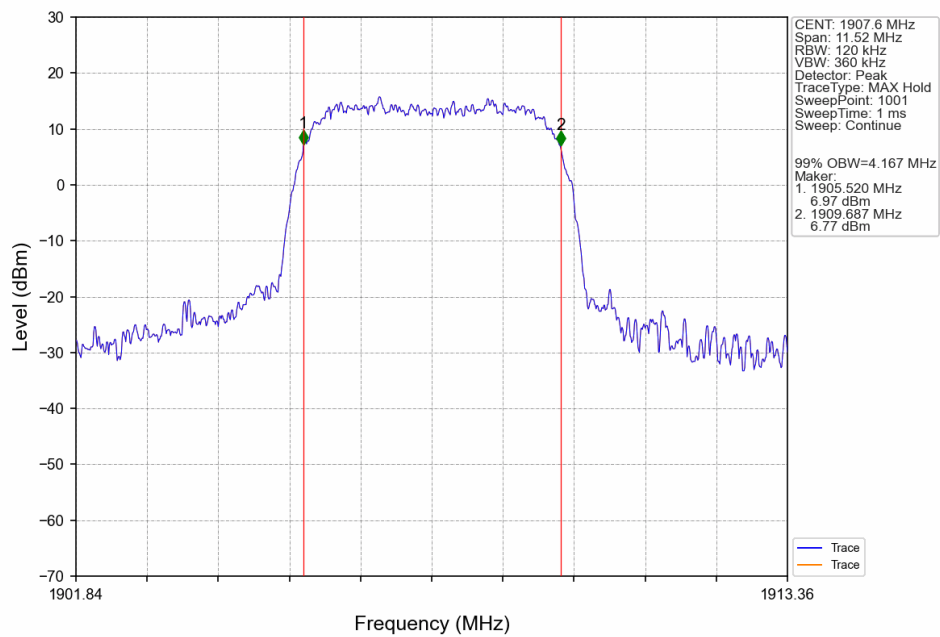
BandII HSDPA LCH 1852.4MHz Subtest 1 NTN



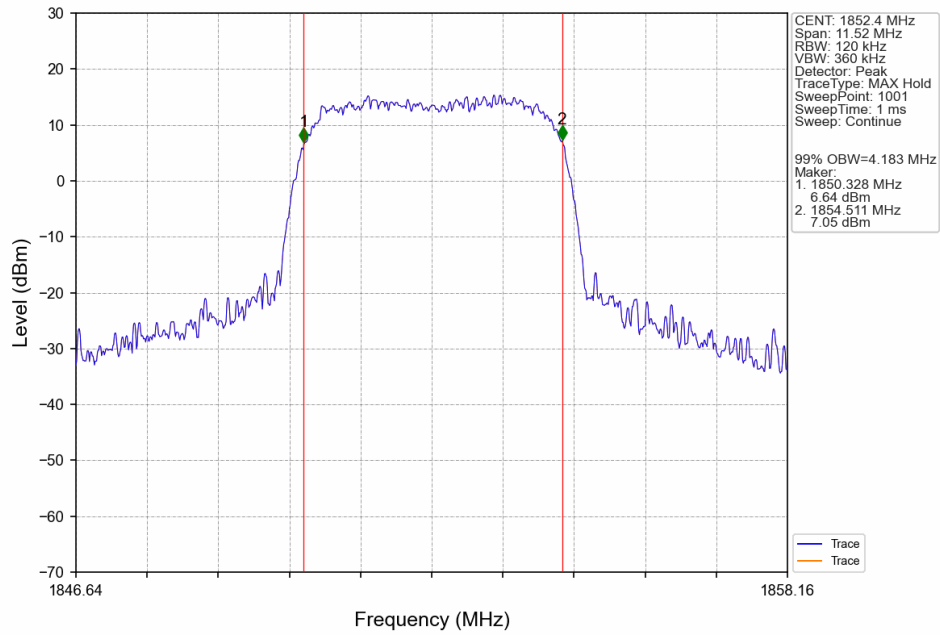
# BandII HSDPA MCH 1880MHz Subtest 1 NTN



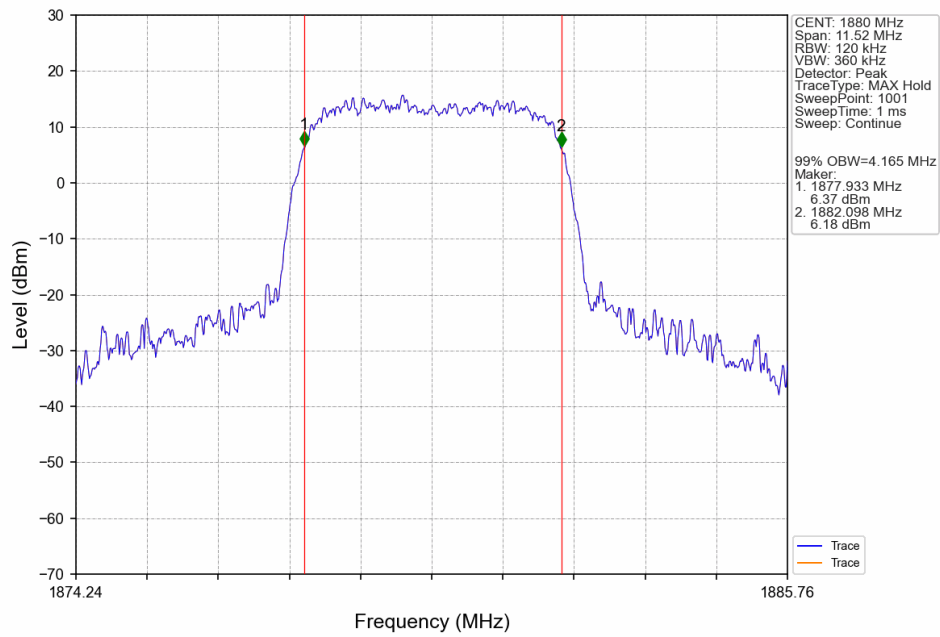
# BandII HSDPA HCH 1907.6MHz Subtest 1 NTN



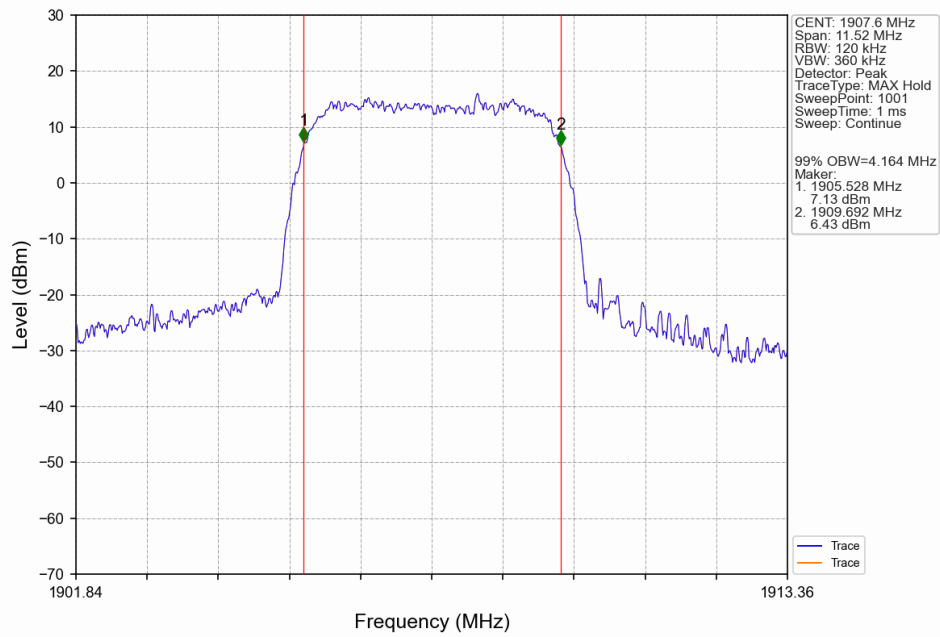
# BandII HSUPA LCH 1852.4MHz Subtest 1 NTNV



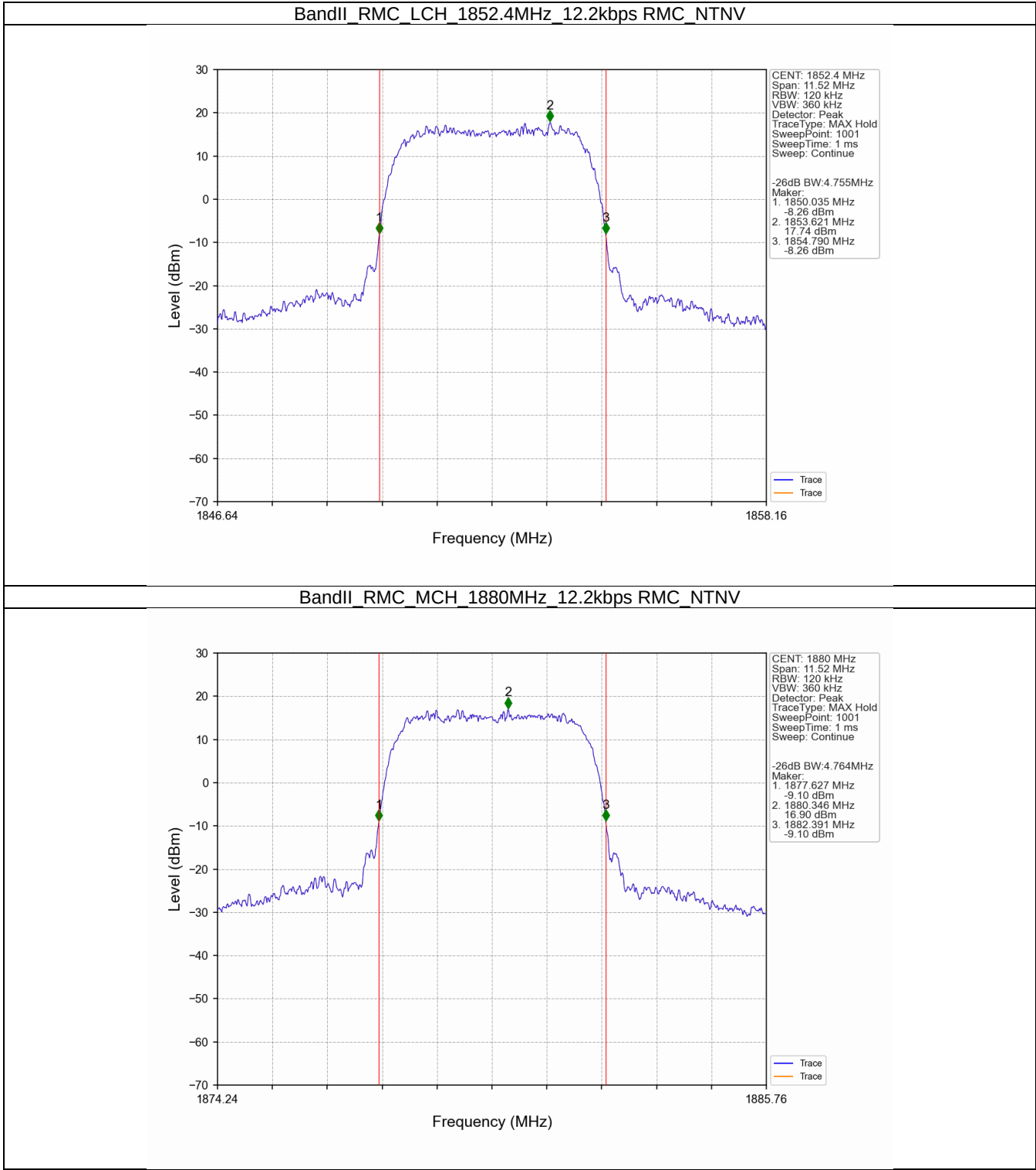
# BandII HSUPA MCH 1880MHz Subtest 1 NTNV



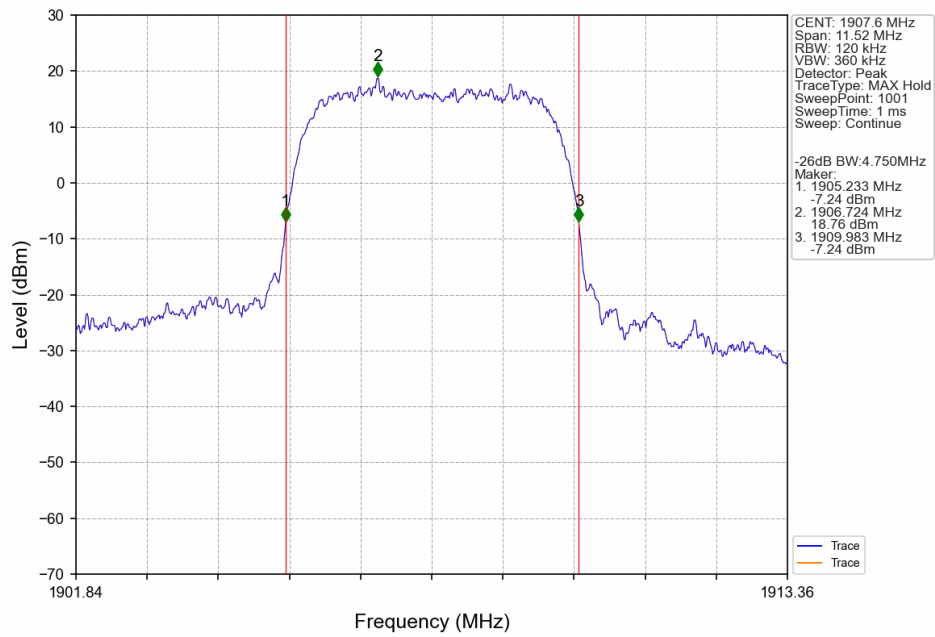
BandII HSUPA HCH 1907.6MHz Subtest 1 NTN



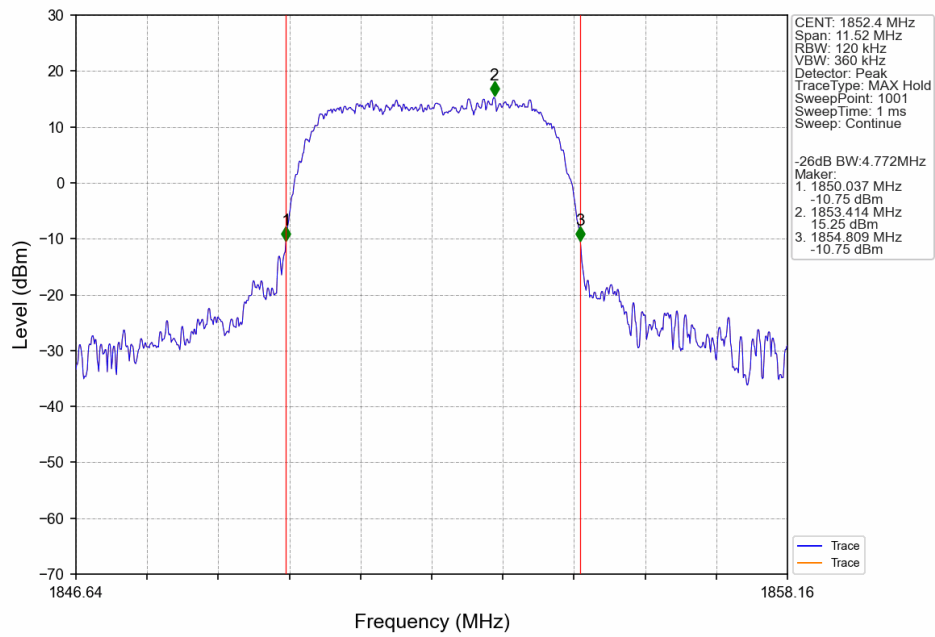
3.2.2 BandII\_XDB



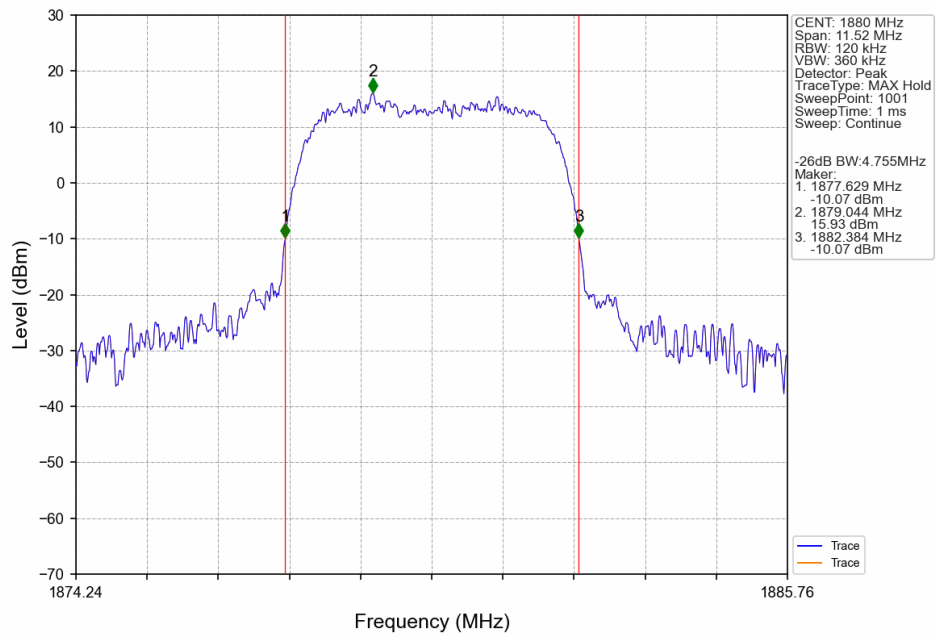
BandII RMC HCH 1907.6MHz 12.2kbps RMC NTN



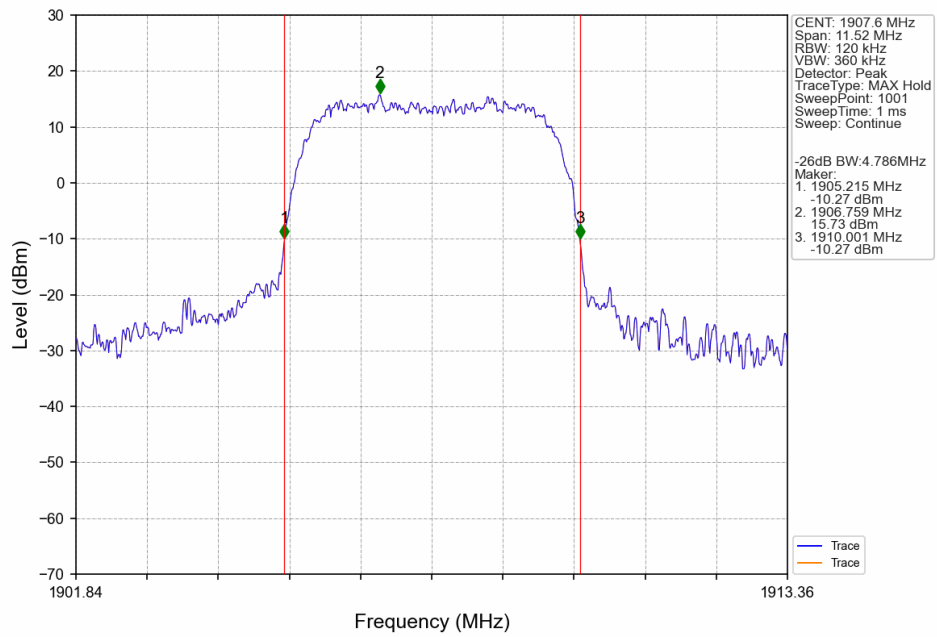
BandII HSDPA LCH 1852.4MHz Subtest 1 NTN



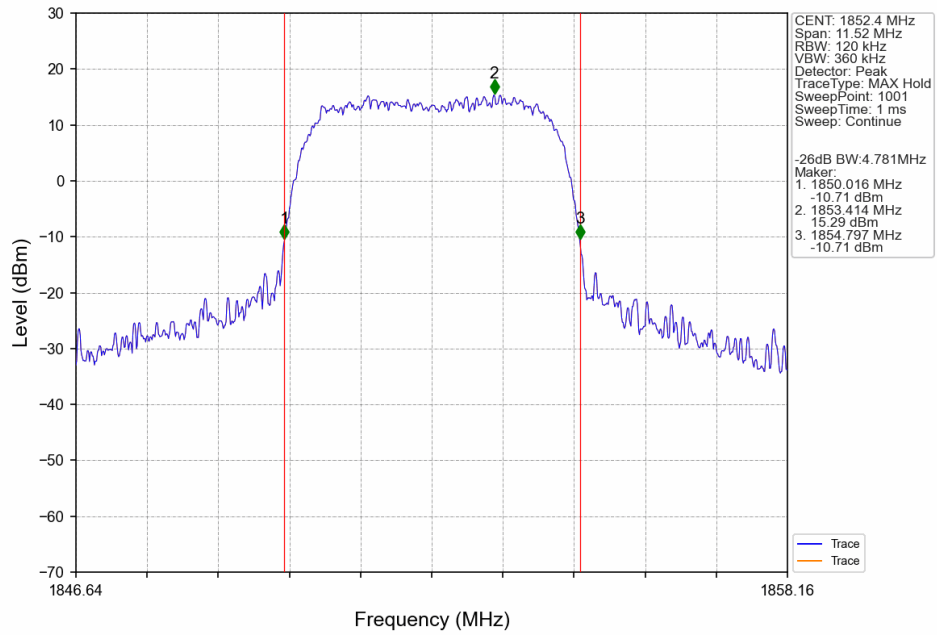
# BandII HSDPA MCH 1880MHz Subtest 1 NTN



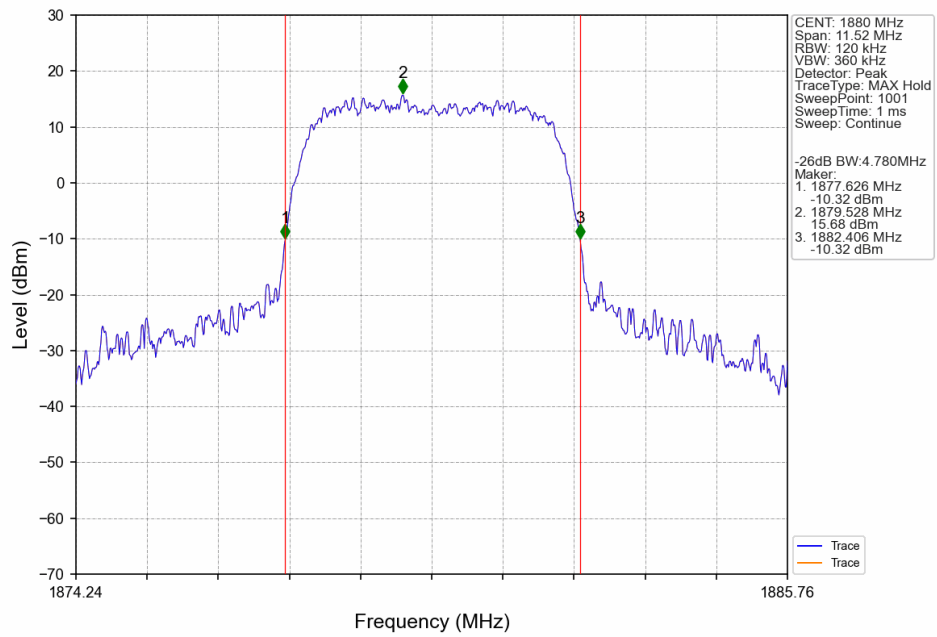
# BandII HSDPA HCH 1907.6MHz Subtest 1 NTN



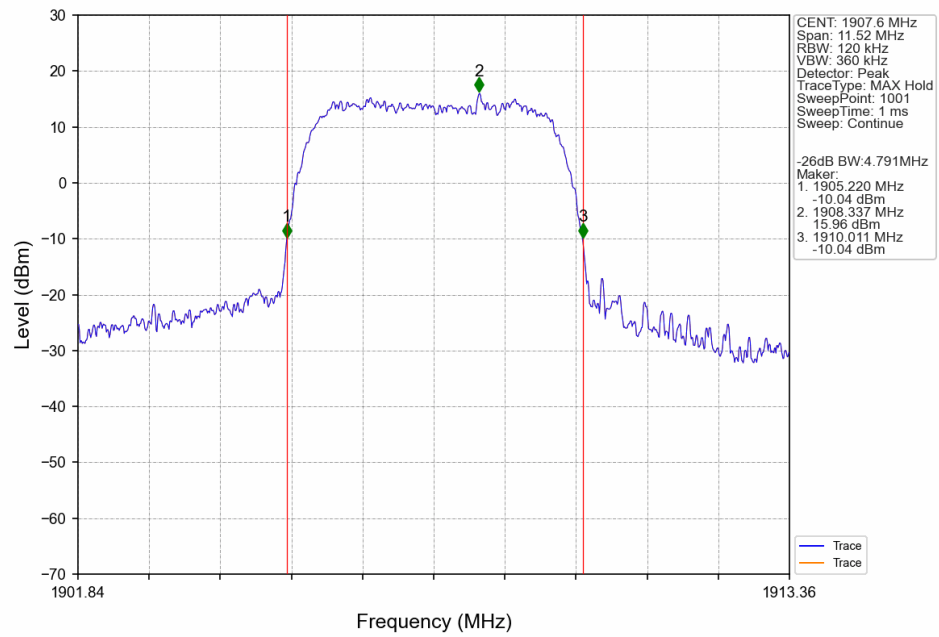
# BandII HSUPA LCH 1852.4MHz Subtest 1 NTNV



# BandII HSUPA MCH 1880MHz Subtest 1 NTNV



BandII HSUPA HCH 1907.6MHz Subtest 1 NTN



## 4. Peak-Average Ratio

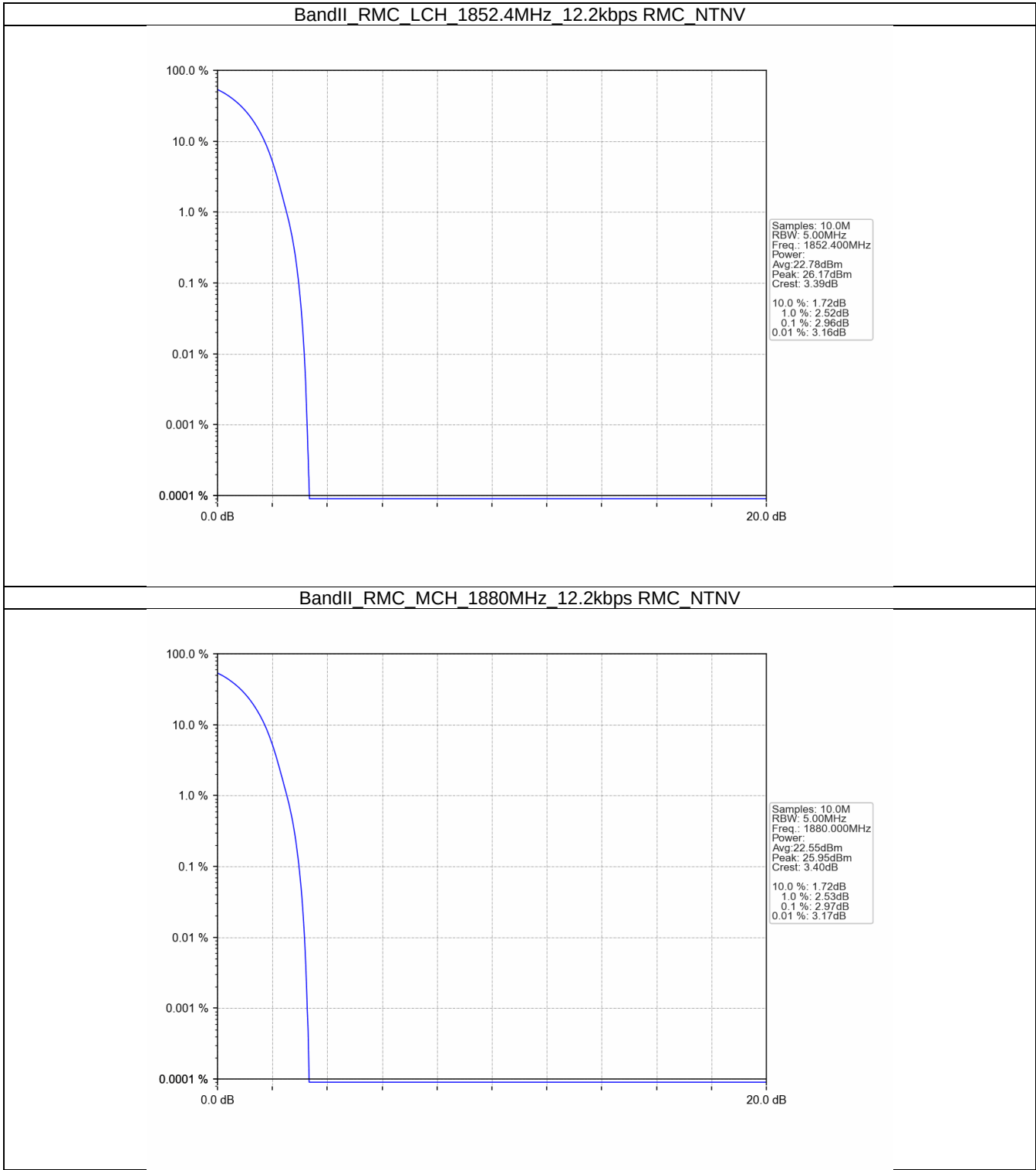
### 4.1 Test Result

#### 4.1.1 BandII

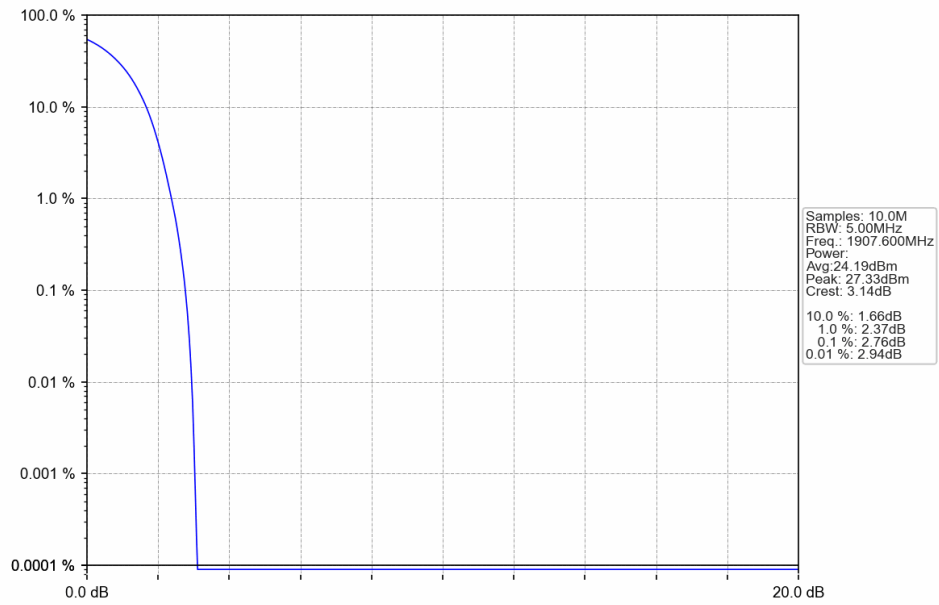
| Band: II |         |              |                    |                         |       |         |
|----------|---------|--------------|--------------------|-------------------------|-------|---------|
| ENV      | Mode    |              | Frequency<br>(MHz) | Peak-Average Ratio (dB) |       | Verdict |
|          | Network | Subset       |                    | Result                  | Limit |         |
| NTNV     | RMC     | 12.2kbps RMC | 1852.4             | 2.96                    | <=13  | Pass    |
|          |         |              | 1880               | 2.97                    | <=13  | Pass    |
|          |         |              | 1907.6             | 2.76                    | <=13  | Pass    |
|          | HSDPA   | Subtest 1    | 1852.4             | 5.77                    | <=13  | Pass    |
|          |         |              | 1880               | 5.79                    | <=13  | Pass    |
|          |         |              | 1907.6             | 5.82                    | <=13  | Pass    |
|          | HSUPA   | Subtest 1    | 1852.4             | 6.61                    | <=13  | Pass    |
|          |         |              | 1880               | 6.64                    | <=13  | Pass    |
|          |         |              | 1907.6             | 6.60                    | <=13  | Pass    |

# 4.2 Test Graph

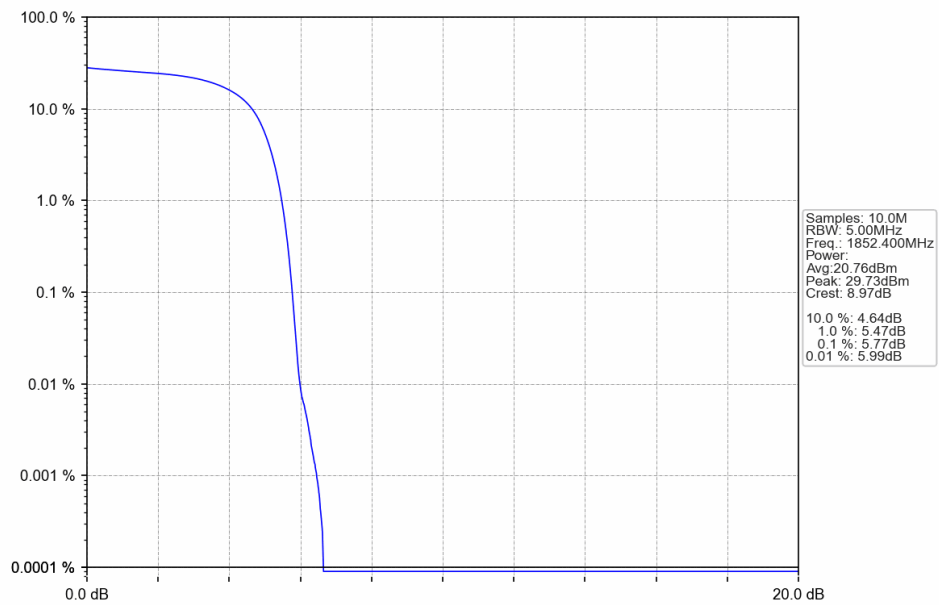
## 4.2.1 BandII



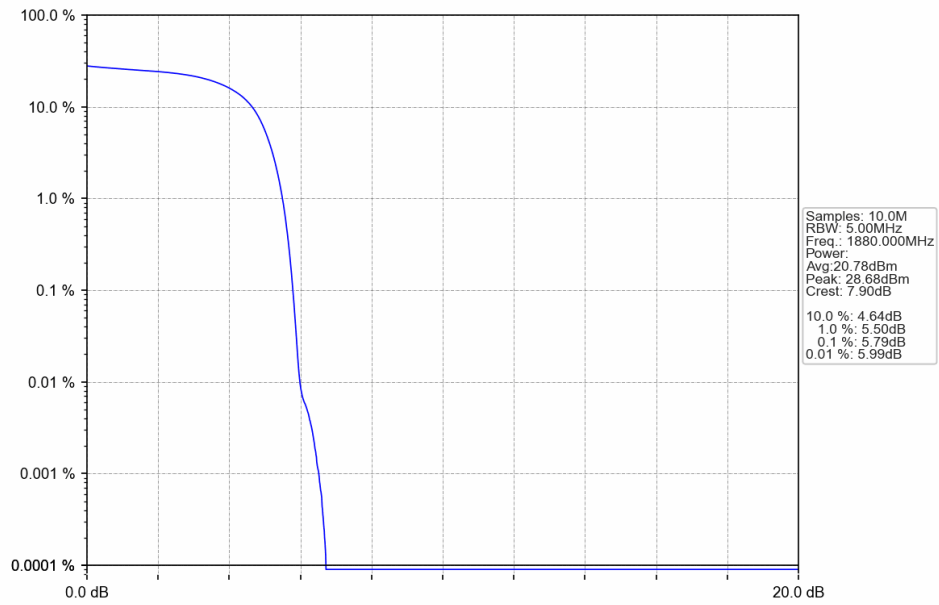
BandII RMC HCH 1907.6MHz 12.2kbps RMC NTN



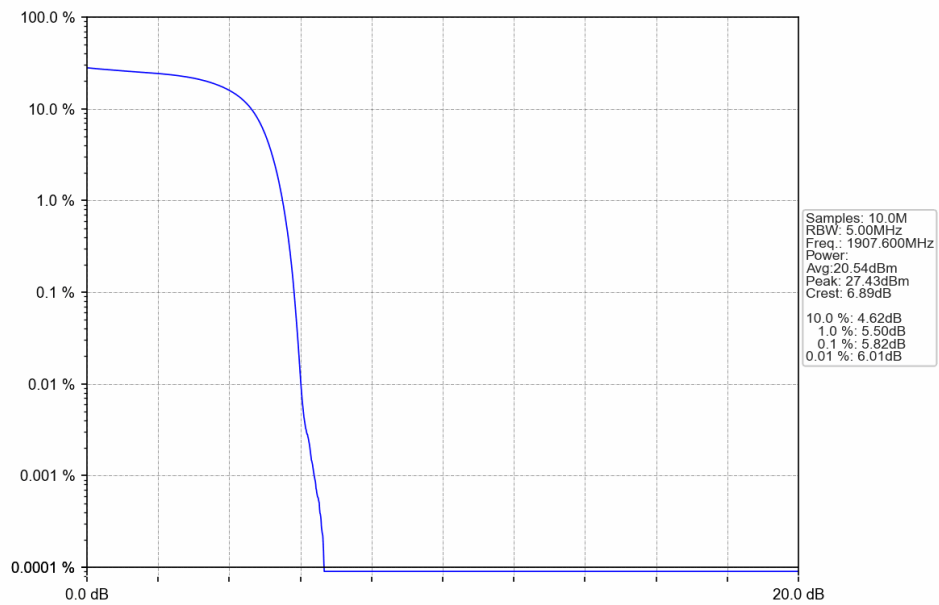
BandII HSDPA LCH 1852.4MHz Subtest 1 NTN



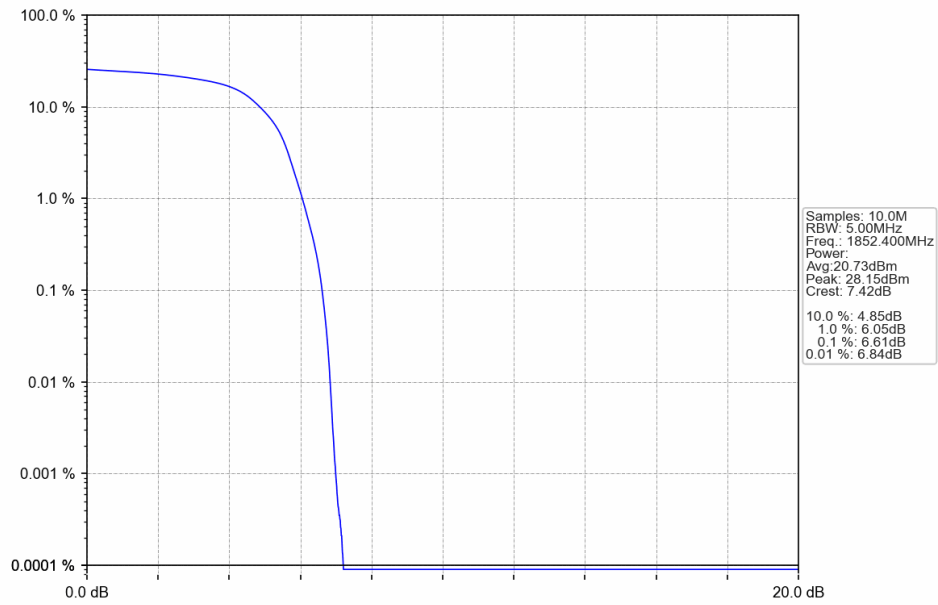
# BandII HSDPA MCH 1880MHz Subtest 1 NTNV



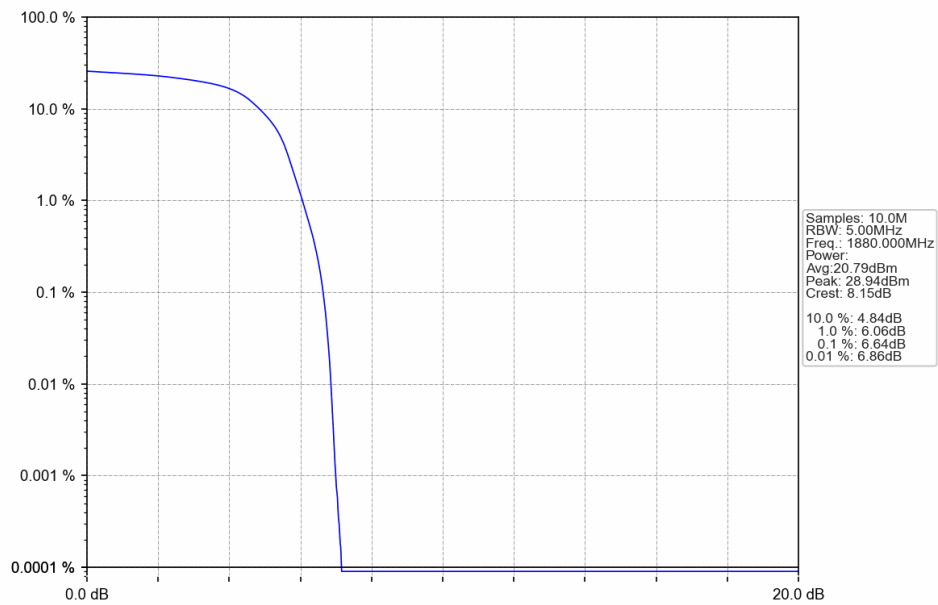
# BandII HSDPA HCH 1907.6MHz Subtest 1 NTNV



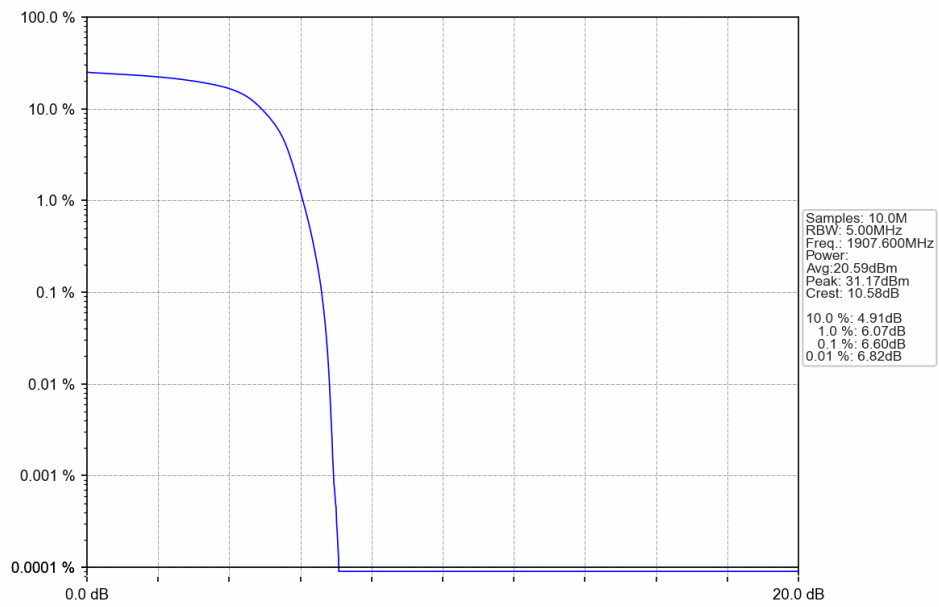
# BandII HSUPA LCH 1852.4MHz Subtest 1 NTN



# BandII HSUPA MCH 1880MHz Subtest 1 NTN



BandII HSUPA HCH 1907.6MHz Subtest 1 NTNV



## 5. Spurious Emission

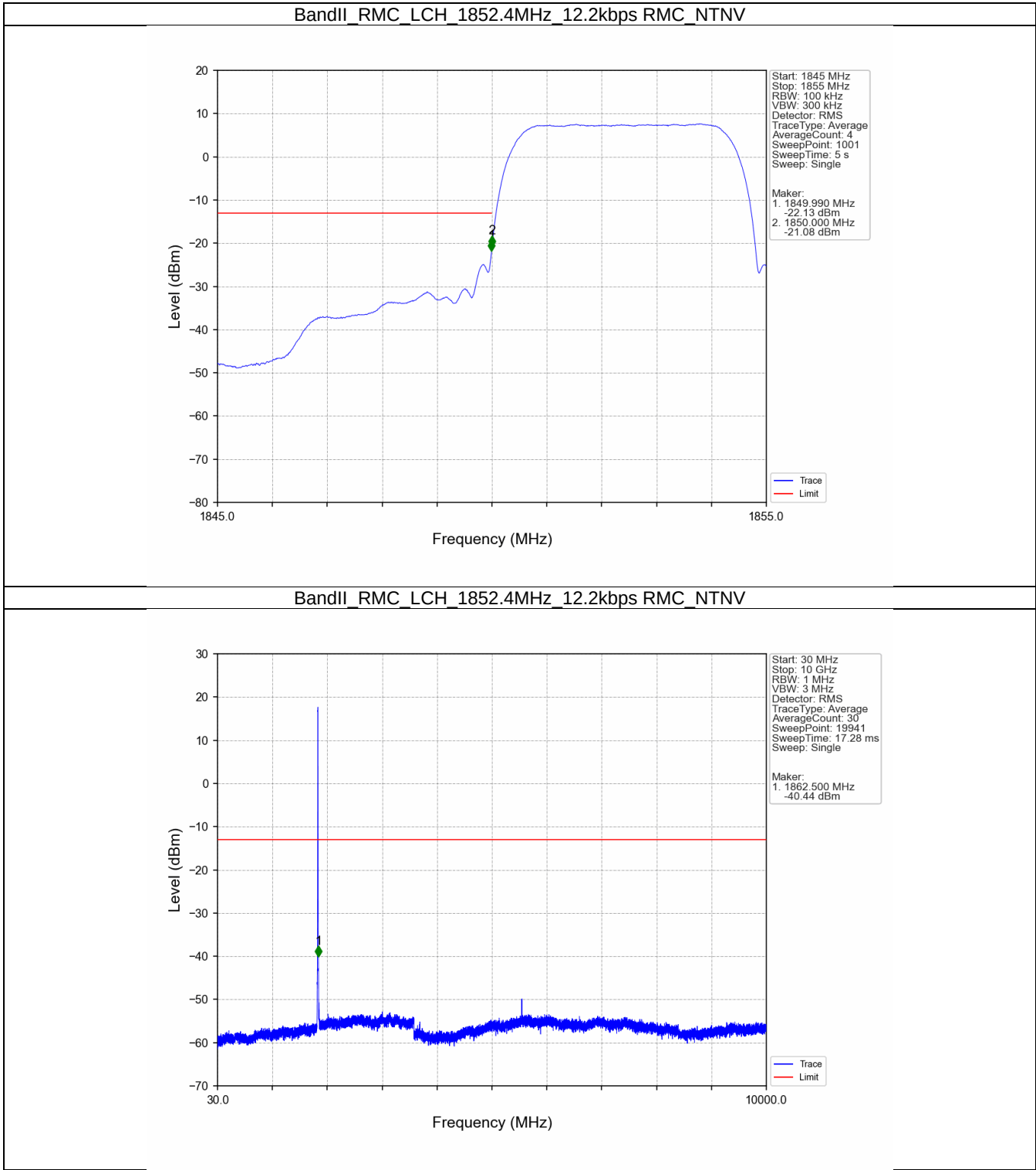
### 5.1 Test Result

#### 5.1.1 BandII

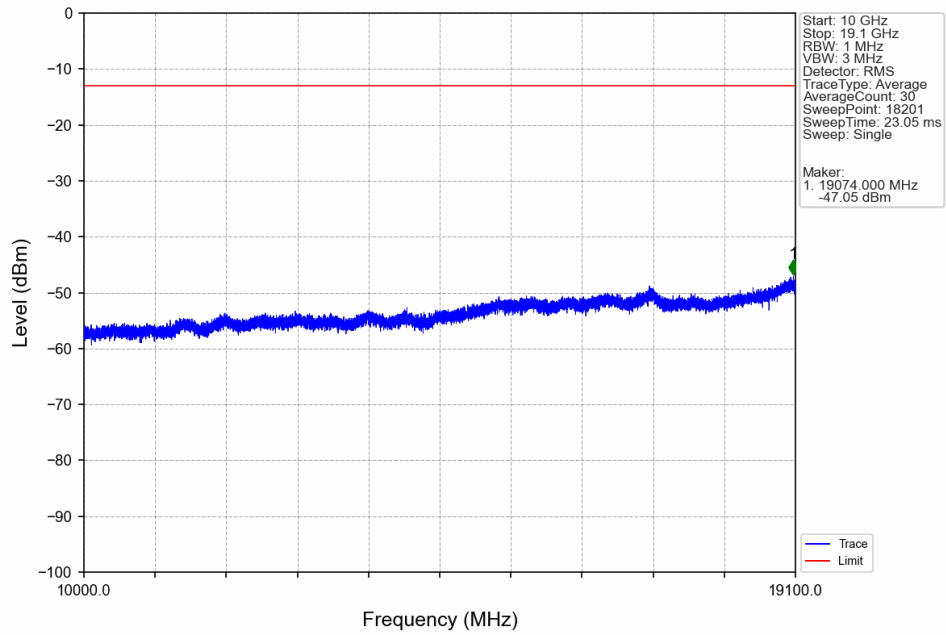
| Band: II |         |              |                    |                     |       |         |
|----------|---------|--------------|--------------------|---------------------|-------|---------|
| ENV      | Mode    |              | Frequency<br>(MHz) | Spurious Emission   |       | Verdict |
|  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

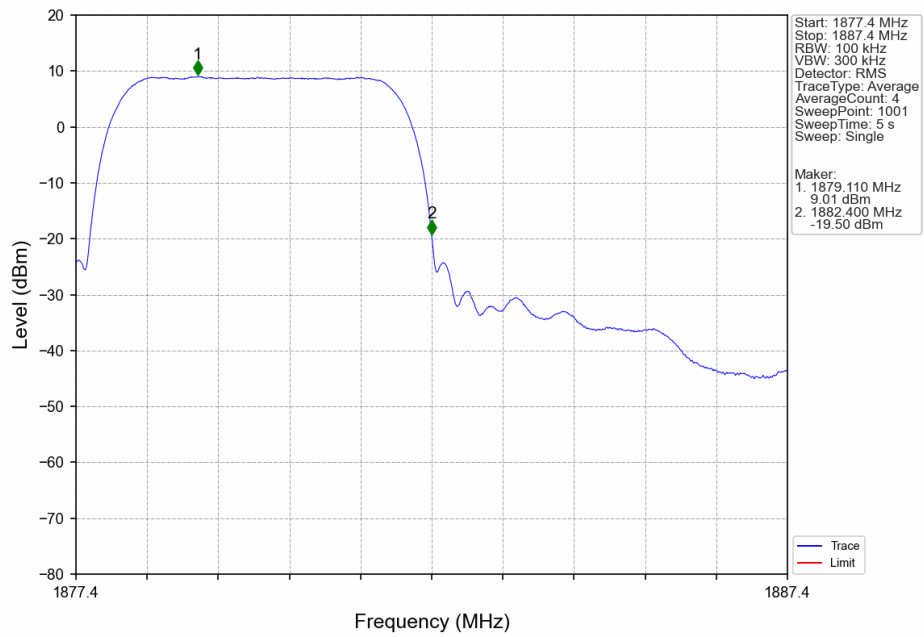
5.2.1 BandII



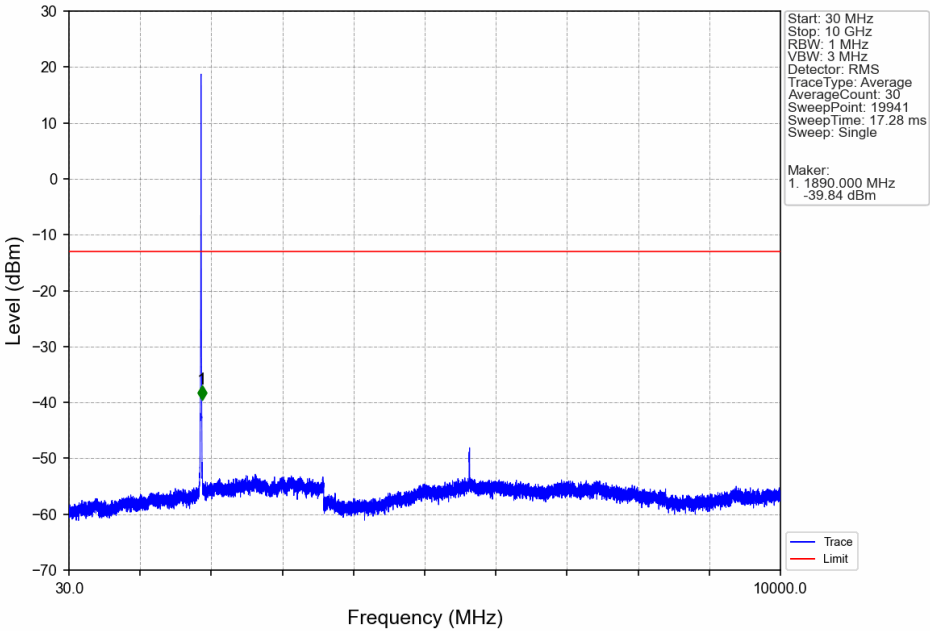
BandII RMC LCH 1852.4MHz 12.2kbps RMC NTN



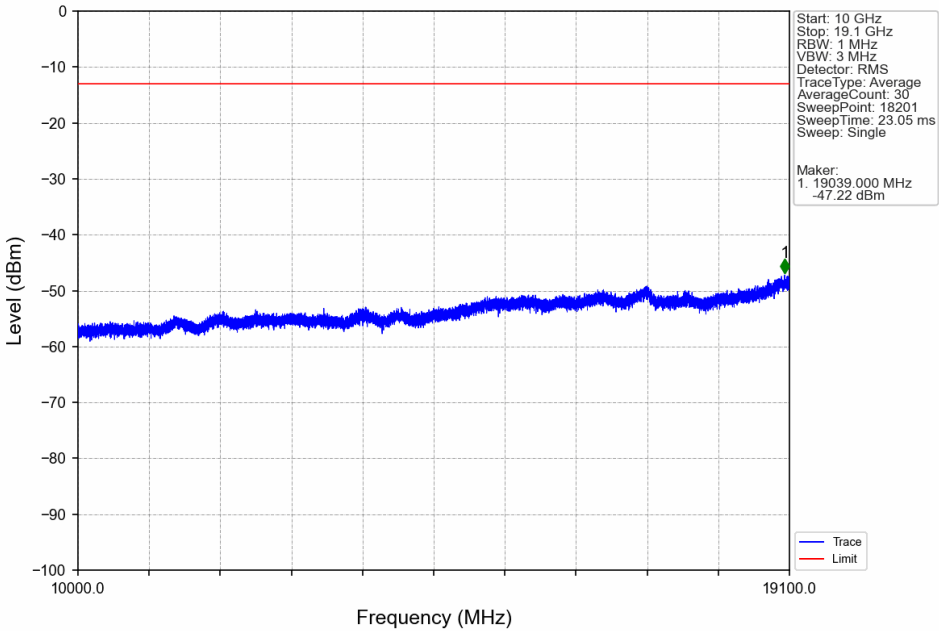
BandII RMC MCH 1880MHz 12.2kbps RMC NTN



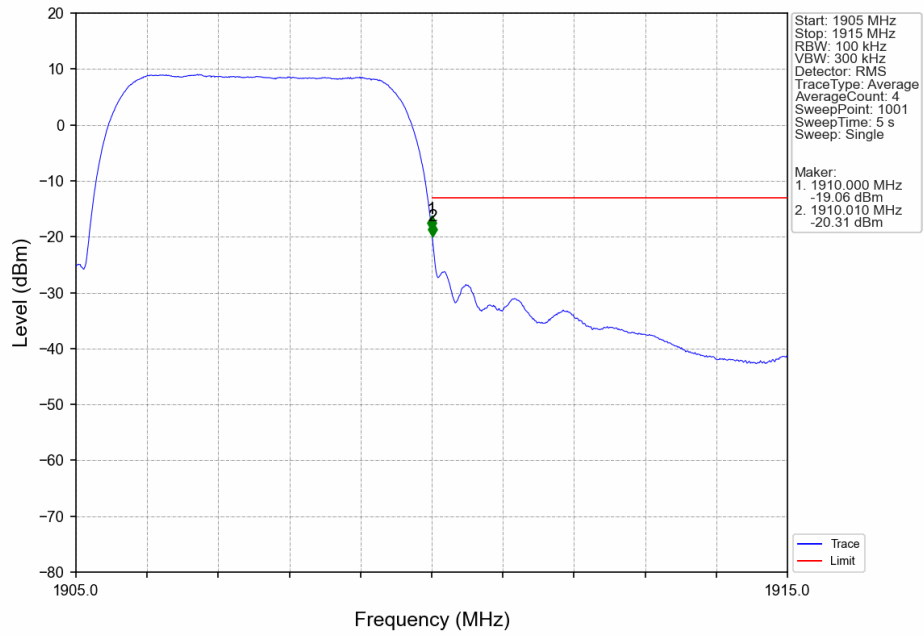
BandII RMC MCH 1880MHz 12.2kbps RMC NTN



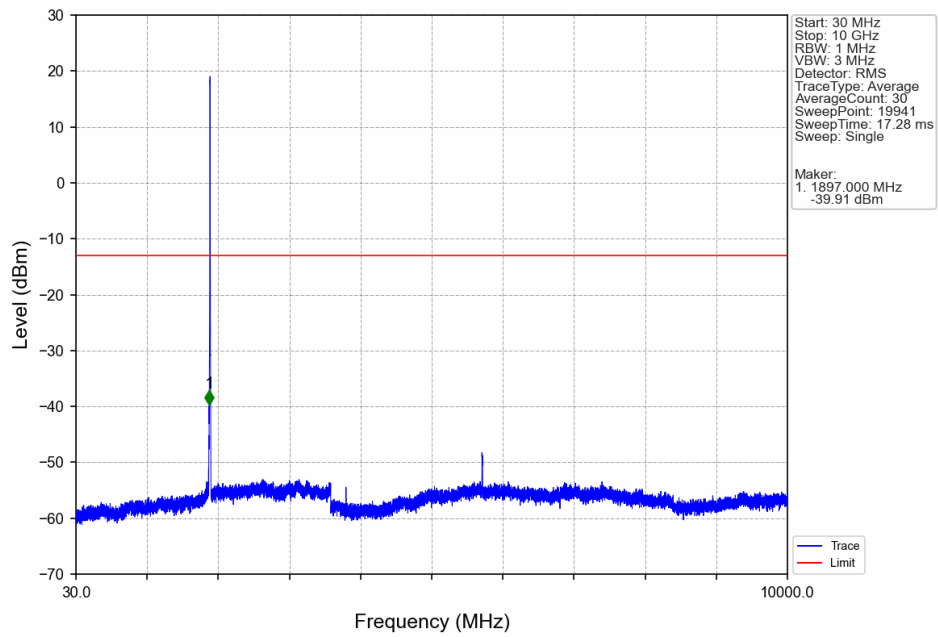
BandII RMC MCH 1880MHz 12.2kbps RMC NTN



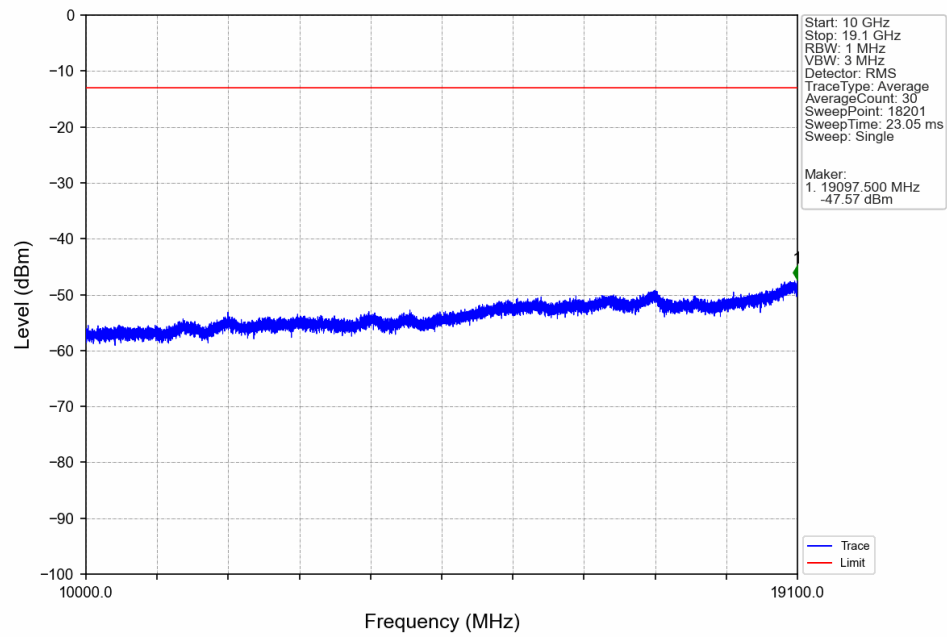
# BandII RMC HCH 1907.6MHz 12.2kbps RMC NTN



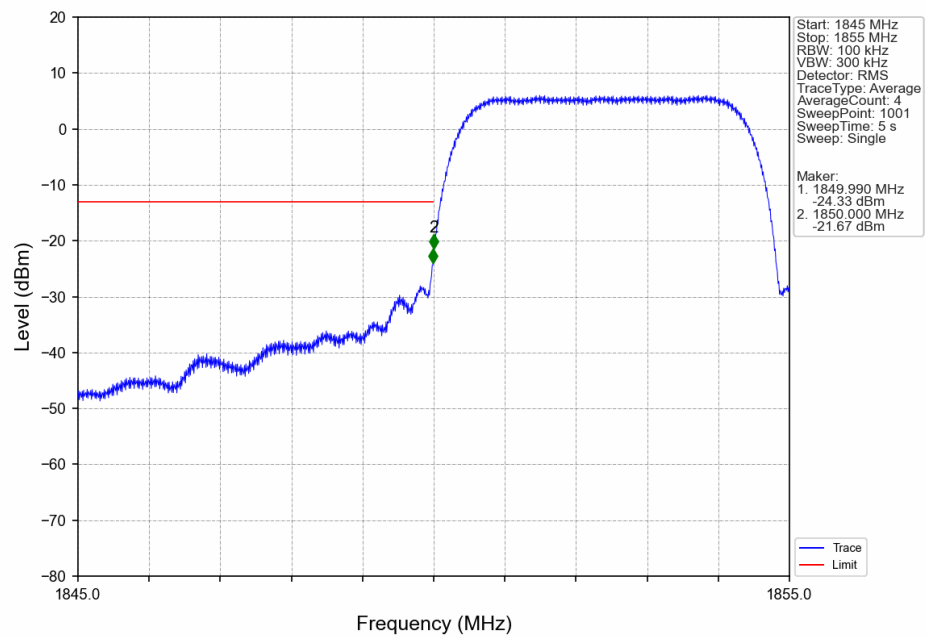
# BandII RMC HCH 1907.6MHz 12.2kbps RMC NTN



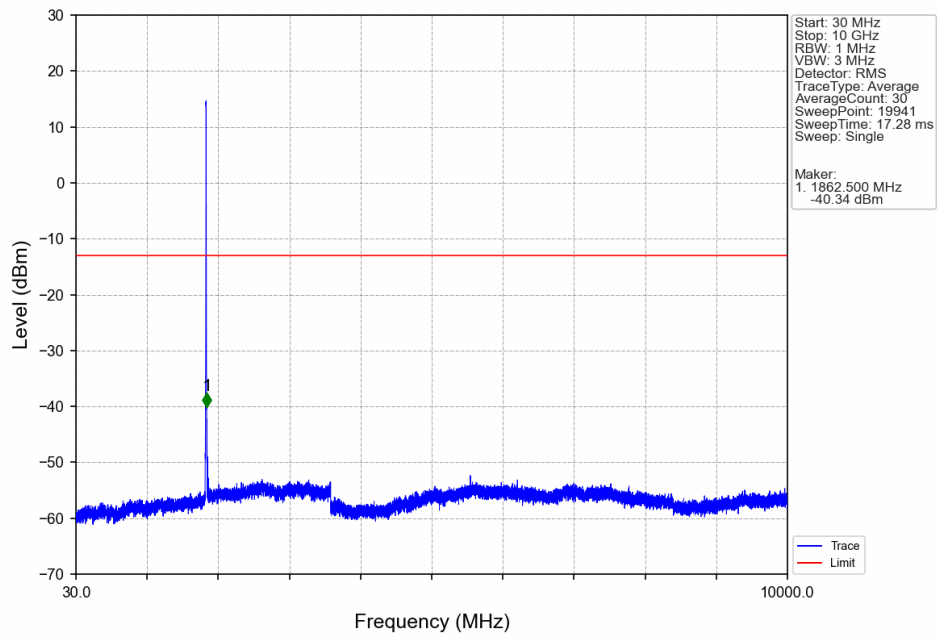
BandII RMC HCH 1907.6MHz 12.2kbps RMC NTN



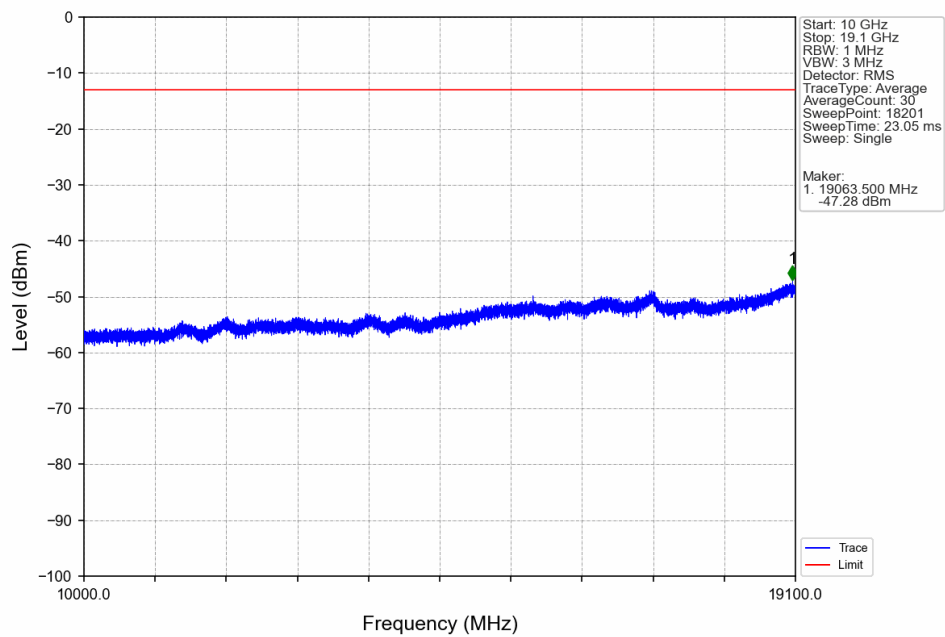
BandII HSDPA LCH 1852.4MHz Subtest 1 NTN



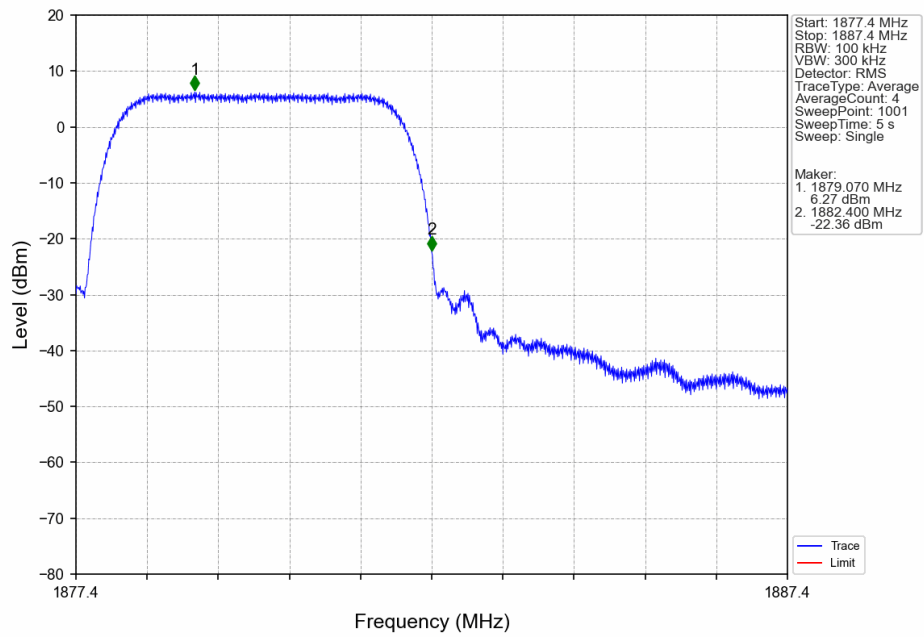
# BandII HSDPA LCH 1852.4MHz Subtest 1 NTN



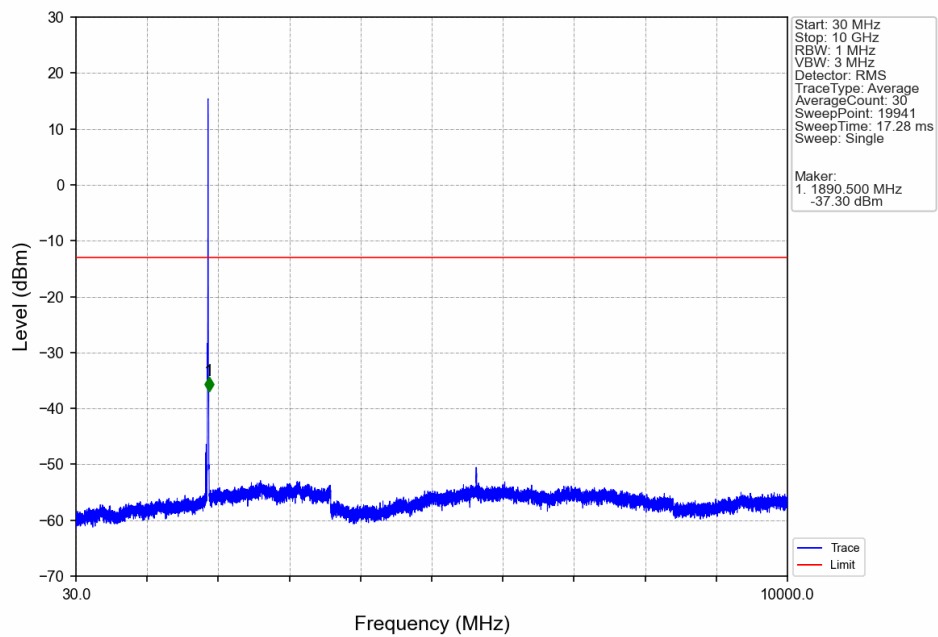
# BandII HSDPA LCH 1852.4MHz Subtest 1 NTN



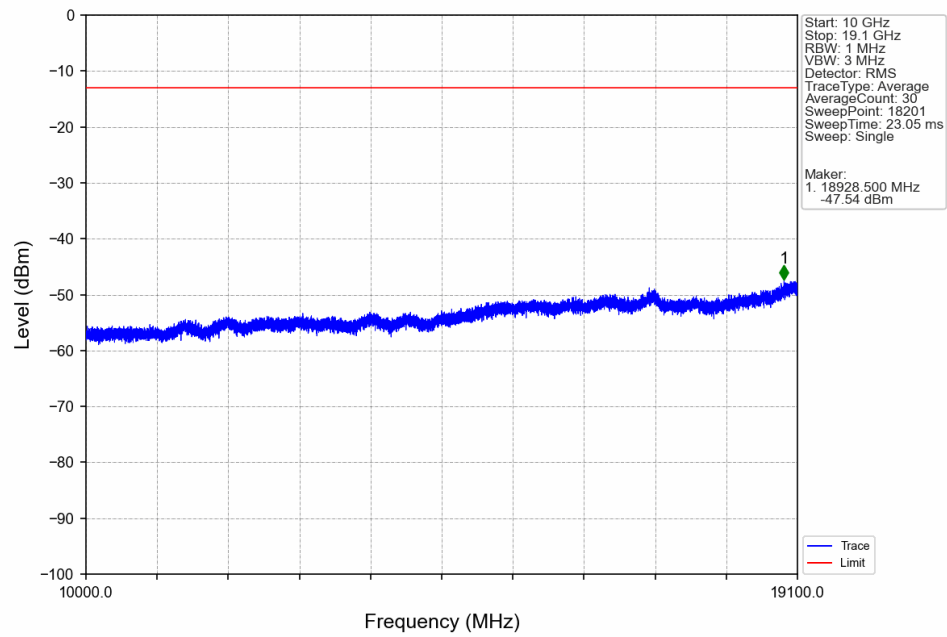
# BandII HSDPA MCH 1880MHz Subtest 1 NTNV



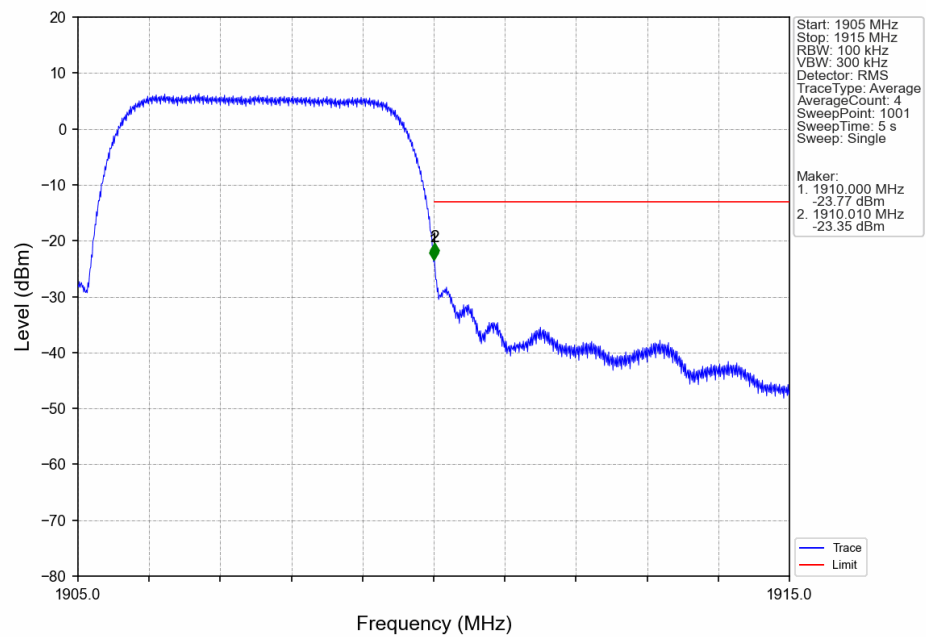
# BandII HSDPA MCH 1880MHz Subtest 1 NTNV



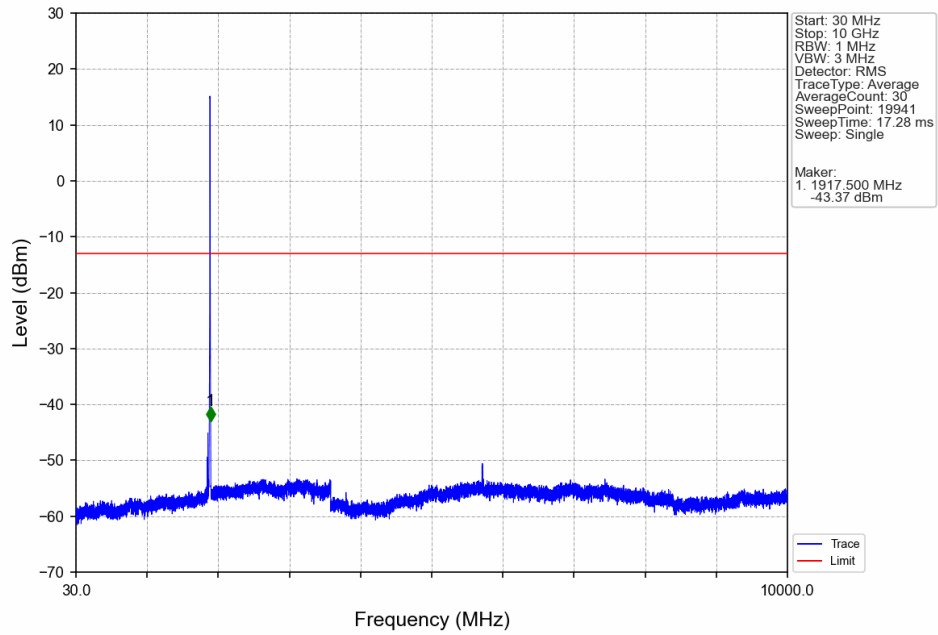
# BandII HSDPA MCH 1880MHz Subtest 1 NTN



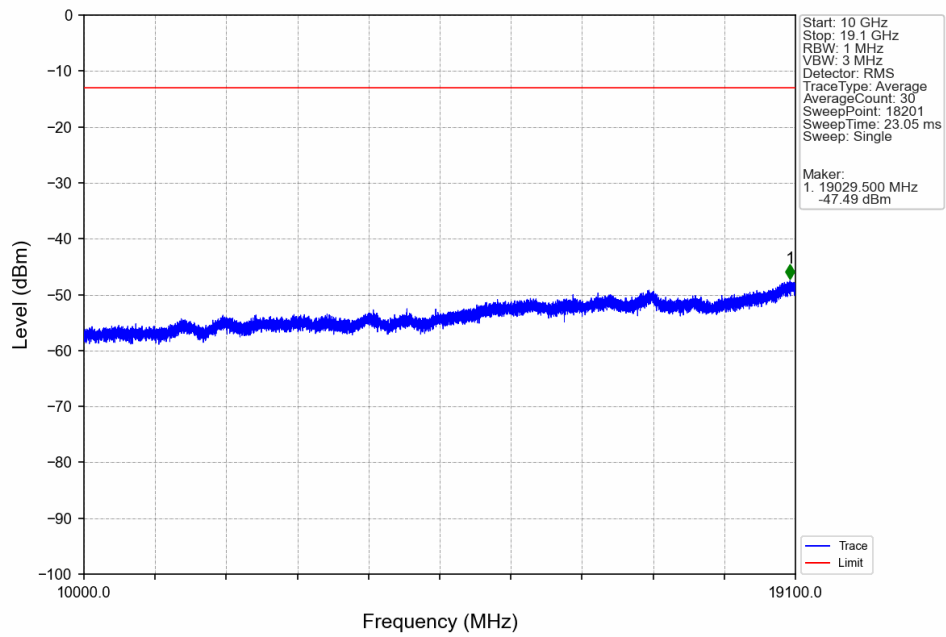
# BandII HSDPA HCH 1907.6MHz Subtest 1 NTN



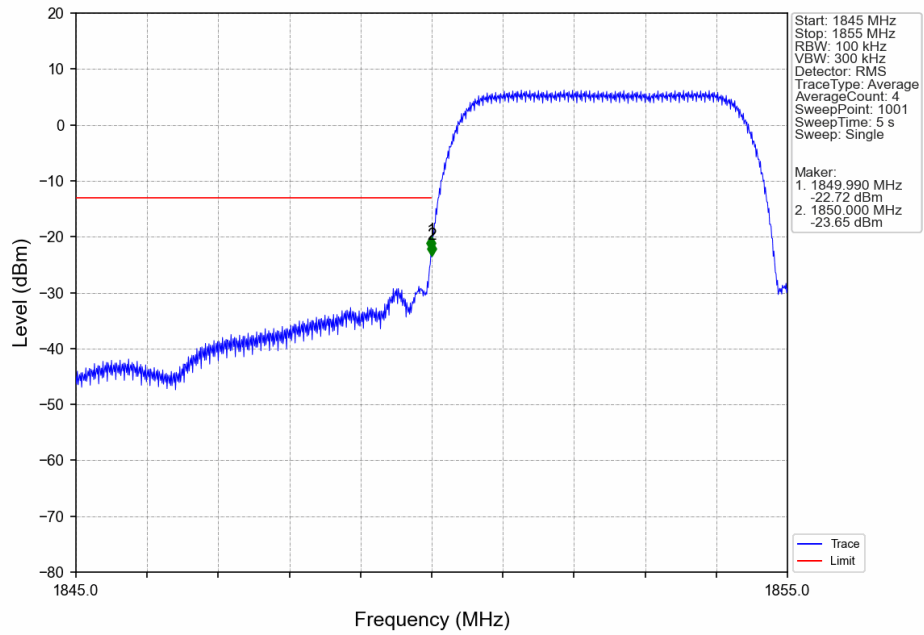
BandII HSDPA HCH 1907.6MHz Subtest 1 NTNV



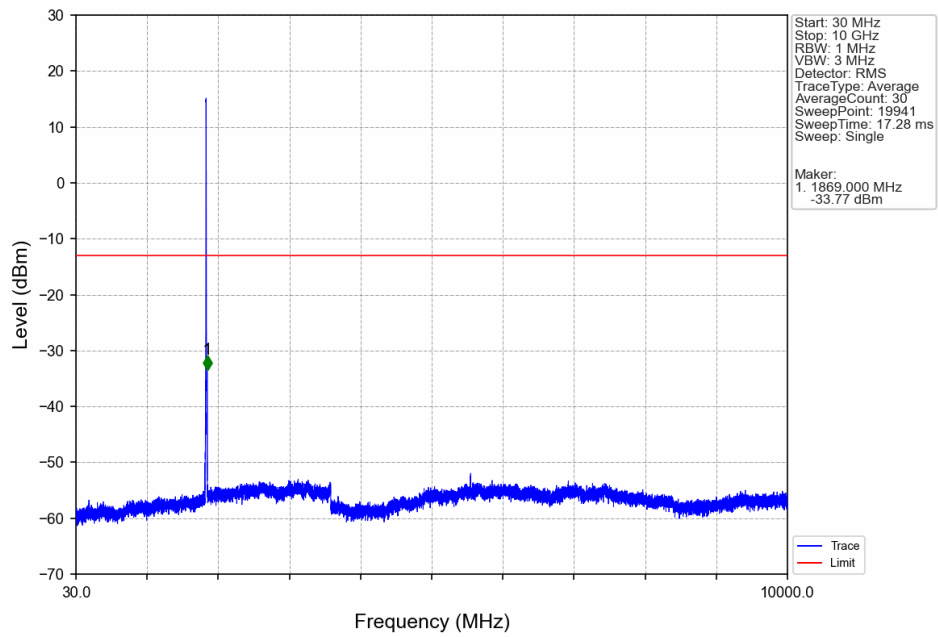
BandII HSDPA HCH 1907.6MHz Subtest 1 NTNV



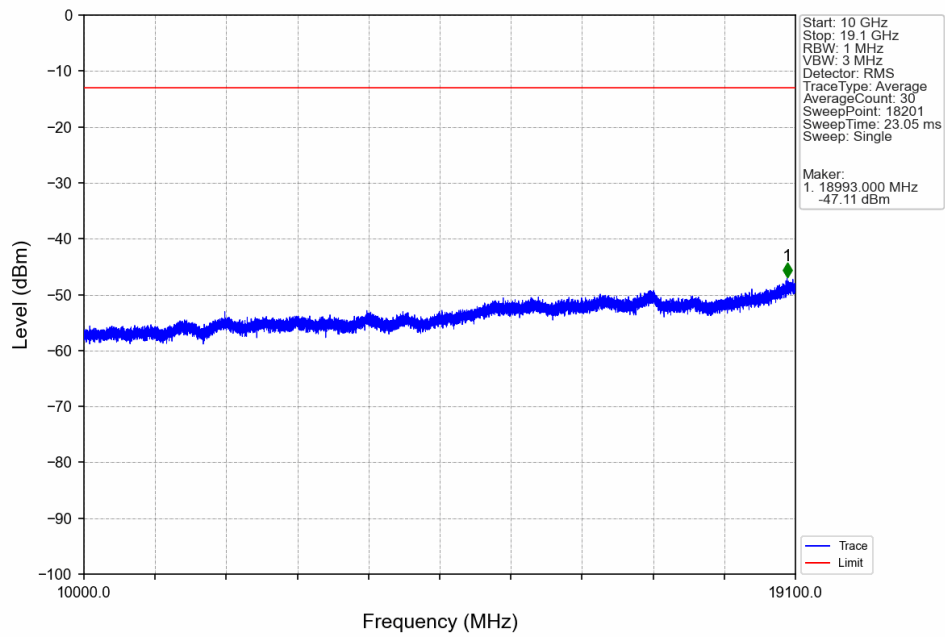
# BandII HSUPA LCH 1852.4MHz Subtest 1 NTNV



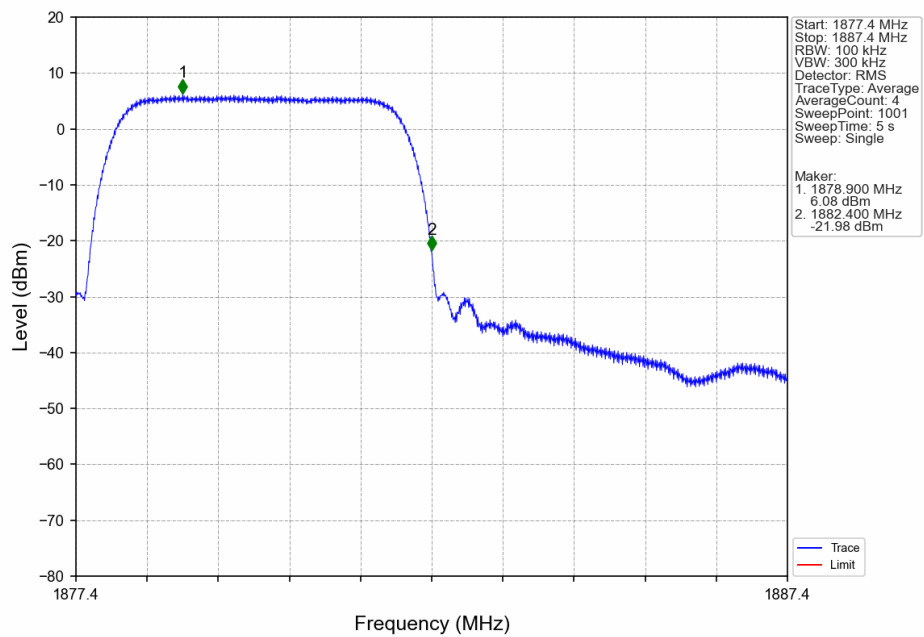
# BandII HSUPA LCH 1852.4MHz Subtest 1 NTNV



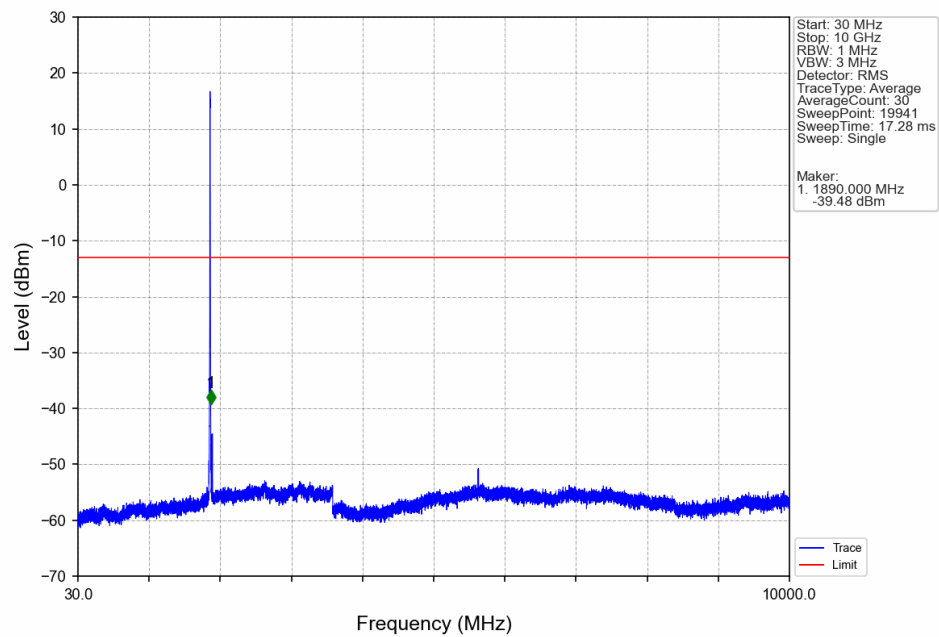
# BandII HSUPA LCH 1852.4MHz Subtest 1 NTNV



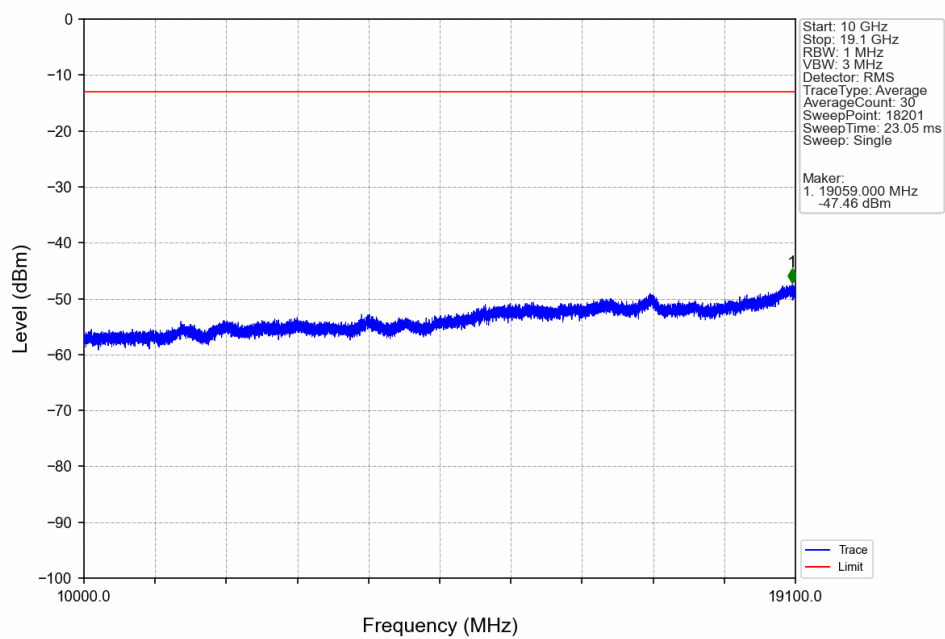
# BandII HSUPA MCH 1880MHz Subtest 1 NTNV



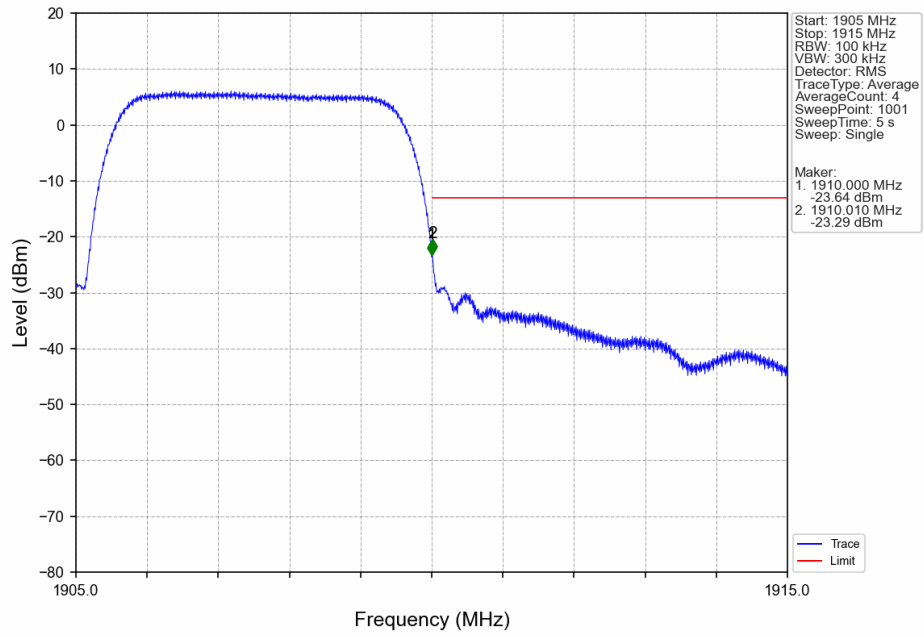
BandII HSUPA MCH 1880MHz Subtest 1 NTNV



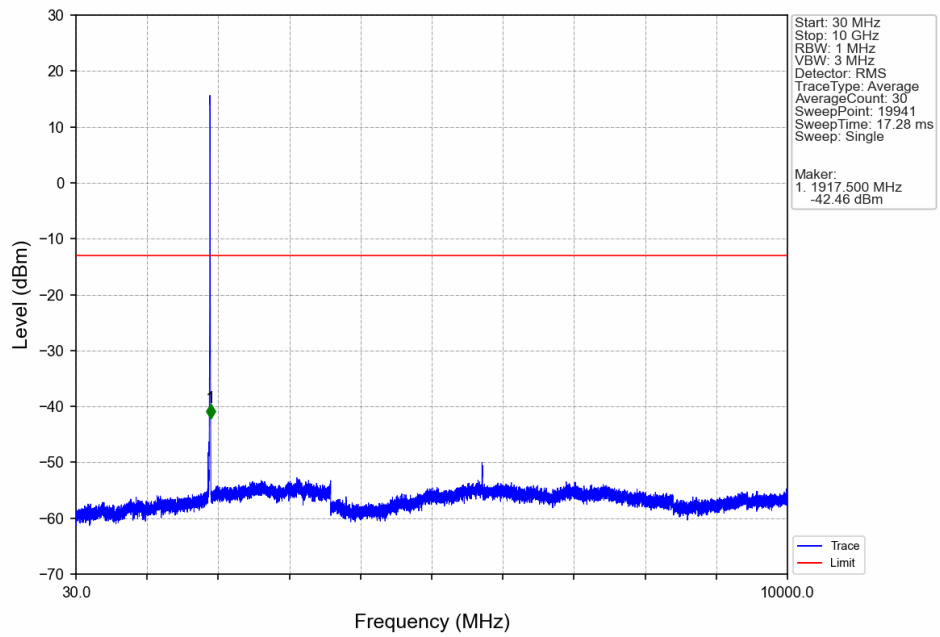
BandII HSUPA MCH 1880MHz Subtest 1 NTNV



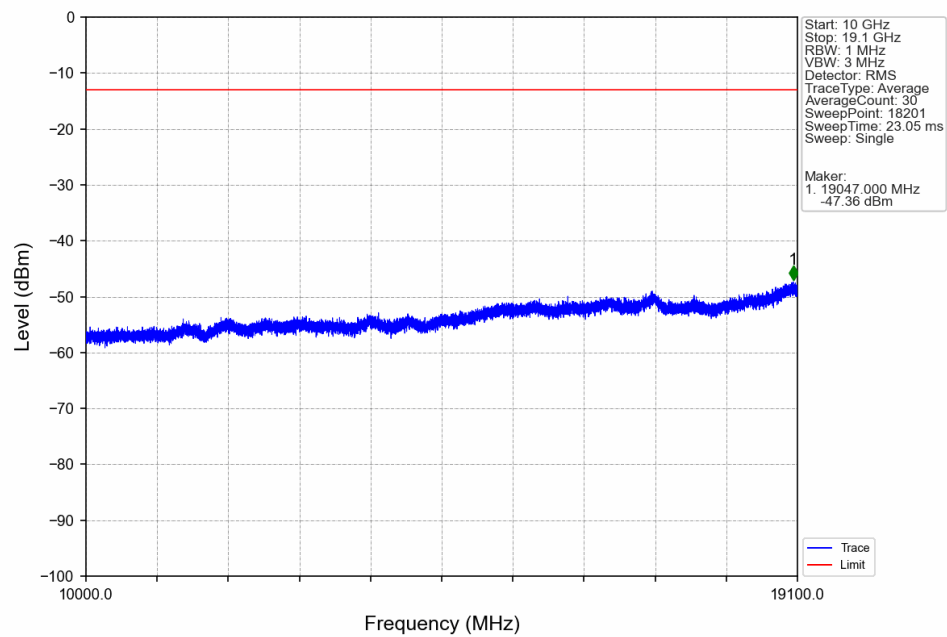
# BandII HSUPA HCH 1907.6MHz Subtest 1 NTN



# BandII HSUPA HCH 1907.6MHz Subtest 1 NTN



BandII HSUPA HCH 1907.6MHz Subtest 1 NTNV



## 6. Field Strength of Spurious Radiation

| WCDMA Band II ANT4-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                         | -55.79     | -13         | -42.79          | -60.65           | 3.58            | 8.44               | Horizontal         | Pass   |
| 5557.2                         | -57.49     | -13         | -44.49          | -63.2            | 4.74            | 10.45              | Horizontal         | Pass   |
| 7409.6                         | -54.61     | -13         | -41.61          | -61.3            | 4.94            | 11.63              | Horizontal         | Pass   |
| 3704.8                         | -53.06     | -13         | -40.06          | -57.92           | 3.58            | 8.44               | Vertical           | Pass   |
| 5557.2                         | -56.46     | -13         | -43.46          | -62.17           | 4.74            | 10.45              | Vertical           | Pass   |
| 7409.6                         | -55.46     | -13         | -42.46          | -62.15           | 4.94            | 11.63              | Vertical           | Pass   |

| WCDMA Band II ANT4-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                            | -57.7      | -13         | -44.7           | -62.59           | 3.63            | 8.52               | Horizontal         | Pass   |
| 5640.0                            | -55.94     | -13         | -42.94          | -61.64           | 4.75            | 10.45              | Horizontal         | Pass   |
| 7520.0                            | -54.75     | -13         | -41.75          | -61.57           | 4.94            | 11.76              | Horizontal         | Pass   |
| 3760.0                            | -58.64     | -13         | -45.64          | -63.53           | 3.63            | 8.52               | Vertical           | Pass   |
| 5640.0                            | -56.36     | -13         | -43.36          | -62.06           | 4.75            | 10.45              | Vertical           | Pass   |
| 7520.0                            | -55.42     | -13         | -42.42          | -62.24           | 4.94            | 11.76              | Vertical           | Pass   |

| WCDMA Band II ANT4-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                          | -58.54     | -13         | -45.54          | -63.45           | 3.68            | 8.59               | Horizontal         | Pass   |
| 5722.8                          | -57.05     | -13         | -44.05          | -62.74           | 4.76            | 10.45              | Horizontal         | Pass   |
| 7630.4                          | -54.45     | -13         | -41.45          | -61.39           | 4.95            | 11.89              | Horizontal         | Pass   |
| 3815.2                          | -59.15     | -13         | -46.15          | -64.06           | 3.68            | 8.59               | Vertical           | Pass   |
| 5722.8                          | -55.39     | -13         | -42.39          | -61.08           | 4.76            | 10.45              | Vertical           | Pass   |
| 7630.4                          | -54.21     | -13         | -41.21          | -61.15           | 4.95            | 11.89              | Vertical           | Pass   |

Test on the worst case :

| WCDMA Band II ANT4-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                         | -53.83     | -13         | -40.83          | -58.69           | 3.58            | 8.44               | Horizontal         | Pass   |
| 5557.2                         | -54.89     | -13         | -41.89          | -60.6            | 4.74            | 10.45              | Horizontal         | Pass   |
| 7409.6                         | -51.66     | -13         | -38.66          | -58.35           | 4.94            | 11.63              | Horizontal         | Pass   |
| 3704.8                         | -52.22     | -13         | -39.22          | -57.08           | 3.58            | 8.44               | Vertical           | Pass   |
| 5557.2                         | -54.07     | -13         | -41.07          | -59.78           | 4.74            | 10.45              | Vertical           | Pass   |
| 7409.6                         | -52.75     | -13         | -39.75          | -59.44           | 4.94            | 11.63              | Vertical           | Pass   |

| WCDMA Band II ANT4-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                            | -56.53     | -13         | -43.53          | -61.42           | 3.63            | 8.52               | Horizontal         | Pass   |
| 5640.0                            | -53.79     | -13         | -40.79          | -59.49           | 4.75            | 10.45              | Horizontal         | Pass   |
| 7520.0                            | -52.19     | -13         | -39.19          | -59.01           | 4.94            | 11.76              | Horizontal         | Pass   |
| 3760.0                            | -58.3      | -13         | -45.3           | -63.19           | 3.63            | 8.52               | Vertical           | Pass   |
| 5640.0                            | -53.67     | -13         | -40.67          | -59.37           | 4.75            | 10.45              | Vertical           | Pass   |
| 7520.0                            | -52.54     | -13         | -39.54          | -59.36           | 4.94            | 11.76              | Vertical           | Pass   |

| WCDMA Band II ANT4-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                          | -56.11     | -13         | -43.11          | -61.02           | 3.68            | 8.59               | Horizontal         | Pass   |
| 5722.8                          | -54.36     | -13         | -41.36          | -60.05           | 4.76            | 10.45              | Horizontal         | Pass   |
| 7630.4                          | -51.89     | -13         | -38.89          | -58.83           | 4.95            | 11.89              | Horizontal         | Pass   |
| 3815.2                          | -57.73     | -13         | -44.73          | -62.64           | 3.68            | 8.59               | Vertical           | Pass   |
| 5722.8                          | -53.74     | -13         | -40.74          | -59.43           | 4.76            | 10.45              | Vertical           | Pass   |
| 7630.4                          | -51.48     | -13         | -38.48          | -58.42           | 4.95            | 11.89              | Vertical           | Pass   |