

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

### 1.1 Test Result

#### 1.1.1 Band4\_EIRP

| Band: 4 |         |              |                 |                       |            |            |       |         |
|---------|---------|--------------|-----------------|-----------------------|------------|------------|-------|---------|
| ENV     | Mode    |              | Frequency (MHz) | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|         | Network | Subset       |                 |                       |            | Result     | Limit |         |
| NTNV    | RMC     | 12.2kbps RMC | 1712.4          | 23.92                 | -0.80      | 23.12      | <=30  | Pass    |
|         |         |              | 1732.6          | 23.68                 | -0.80      | 22.88      | <=30  | Pass    |
|         |         |              | 1752.6          | 23.67                 | -0.80      | 22.87      | <=30  | Pass    |
|         | HSDPA   | Subtest 1    | 1712.4          | 21.62                 | -0.80      | 20.82      | <=30  | Pass    |
|         |         | Subtest 2    | 1712.4          | 21.62                 | -0.80      | 20.82      | <=30  | Pass    |
|         |         | Subtest 3    | 1712.4          | 21.64                 | -0.80      | 20.84      | <=30  | Pass    |
|         |         | Subtest 4    | 1712.4          | 21.63                 | -0.80      | 20.83      | <=30  | Pass    |
|         |         | Subtest 1    | 1732.6          | 21.92                 | -0.80      | 21.12      | <=30  | Pass    |
|         |         | Subtest 2    | 1732.6          | 21.91                 | -0.80      | 21.11      | <=30  | Pass    |
|         |         | Subtest 3    | 1732.6          | 21.88                 | -0.80      | 21.08      | <=30  | Pass    |
|         |         | Subtest 4    | 1732.6          | 21.89                 | -0.80      | 21.09      | <=30  | Pass    |
|         |         | Subtest 1    | 1752.6          | 21.94                 | -0.80      | 21.14      | <=30  | Pass    |
|         |         | Subtest 2    | 1752.6          | 21.93                 | -0.80      | 21.13      | <=30  | Pass    |
|         |         | Subtest 3    | 1752.6          | 21.94                 | -0.80      | 21.14      | <=30  | Pass    |
|         |         | Subtest 4    | 1752.6          | 21.94                 | -0.80      | 21.14      | <=30  | Pass    |
|         | HSUPA   | Subtest 1    | 1712.4          | 19.79                 | -0.80      | 18.99      | <=30  | Pass    |
|         |         | Subtest 2    | 1712.4          | 19.79                 | -0.80      | 18.99      | <=30  | Pass    |
|         |         | Subtest 3    | 1712.4          | 19.79                 | -0.80      | 18.99      | <=30  | Pass    |
|         |         | Subtest 4    | 1712.4          | 19.79                 | -0.80      | 18.99      | <=30  | Pass    |
|         |         | Subtest 5    | 1712.4          | 19.96                 | -0.80      | 19.16      | <=30  | Pass    |
|         |         | Subtest 1    | 1732.6          | 19.64                 | -0.80      | 18.84      | <=30  | Pass    |
|         |         | Subtest 2    | 1732.6          | 19.90                 | -0.80      | 19.10      | <=30  | Pass    |
|         |         | Subtest 3    | 1732.6          | 19.90                 | -0.80      | 19.10      | <=30  | Pass    |
|         |         | Subtest 4    | 1732.6          | 19.90                 | -0.80      | 19.10      | <=30  | Pass    |
|         |         | Subtest 5    | 1732.6          | 20.18                 | -0.80      | 19.38      | <=30  | Pass    |
|         |         | Subtest 1    | 1752.6          | 19.78                 | -0.80      | 18.98      | <=30  | Pass    |
|         |         | Subtest 2    | 1752.6          | 19.79                 | -0.80      | 18.99      | <=30  | Pass    |
|         |         | Subtest 3    | 1752.6          | 19.58                 | -0.80      | 18.78      | <=30  | Pass    |
|         |         | Subtest 4    | 1752.6          | 19.78                 | -0.80      | 18.98      | <=30  | Pass    |
|         |         | Subtest 5    | 1752.6          | 19.82                 | -0.80      | 19.02      | <=30  | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 Band4

| Band: 4 |                 |            |               |                  |                       |             |         |
|---------|-----------------|------------|---------------|------------------|-----------------------|-------------|---------|
| Network | Frequency (MHz) | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|         |                 |            |               |                  | Result                | Limit       |         |
| RMC     | 1712.4          | 20         | 3.27          | 2.780            | 0.0016                | -2.5 to 2.5 | Pass    |
|         |                 |            | 3.85          | -0.601           | -0.0004               | -2.5 to 2.5 | Pass    |
|         |                 |            | 4.43          | -0.218           | -0.0001               | -2.5 to 2.5 | Pass    |
|         |                 | -30        | 3.85          | 0.583            | 0.0003                | -2.5 to 2.5 | Pass    |
|         |                 | -20        | 3.85          | -0.790           | -0.0005               | -2.5 to 2.5 | Pass    |

|        |        |        |        |        |         |             |             |             |
|--------|--------|--------|--------|--------|---------|-------------|-------------|-------------|
|        |        | -10    | 3.85   | 2.410  | 0.0014  | -2.5 to 2.5 | Pass        |             |
|        |        | 0      | 3.85   | 0.935  | 0.0005  | -2.5 to 2.5 | Pass        |             |
|        |        | 10     | 3.85   | 0.068  | 0.0000  | -2.5 to 2.5 | Pass        |             |
|        |        | 30     | 3.85   | -0.069 | 0.0000  | -2.5 to 2.5 | Pass        |             |
|        |        | 40     | 3.85   | 2.375  | 0.0014  | -2.5 to 2.5 | Pass        |             |
|        |        | 50     | 3.85   | 0.131  | 0.0001  | -2.5 to 2.5 | Pass        |             |
|        | 1732.6 | 20     | 3.27   | -0.529 | -0.0003 | -2.5 to 2.5 | Pass        |             |
|        |        |        | 3.85   | 0.534  | 0.0003  | -2.5 to 2.5 | Pass        |             |
|        |        |        | 4.43   | 0.538  | 0.0003  | -2.5 to 2.5 | Pass        |             |
|        |        | -30    | 3.85   | -1.794 | -0.0010 | -2.5 to 2.5 | Pass        |             |
|        |        | -20    | 3.85   | -2.010 | -0.0012 | -2.5 to 2.5 | Pass        |             |
|        |        | -10    | 3.85   | -1.832 | -0.0011 | -2.5 to 2.5 | Pass        |             |
|        |        | 0      | 3.85   | -1.210 | -0.0007 | -2.5 to 2.5 | Pass        |             |
|        |        | 10     | 3.85   | -1.443 | -0.0008 | -2.5 to 2.5 | Pass        |             |
|        |        | 30     | 3.85   | 1.313  | 0.0008  | -2.5 to 2.5 | Pass        |             |
|        |        | 40     | 3.85   | -1.251 | -0.0007 | -2.5 to 2.5 | Pass        |             |
|        |        | 50     | 3.85   | 2.688  | 0.0016  | -2.5 to 2.5 | Pass        |             |
|        |        | 1752.6 | 20     | 3.27   | -2.632  | -0.0015     | -2.5 to 2.5 | Pass        |
|        | 3.85   |        |        | -2.865 | -0.0016 | -2.5 to 2.5 | Pass        |             |
|        | 4.43   |        |        | -1.402 | -0.0008 | -2.5 to 2.5 | Pass        |             |
|        | -30    |        | 3.85   | -3.806 | -0.0022 | -2.5 to 2.5 | Pass        |             |
|        | -20    |        | 3.85   | -2.206 | -0.0013 | -2.5 to 2.5 | Pass        |             |
|        | -10    |        | 3.85   | -3.390 | -0.0019 | -2.5 to 2.5 | Pass        |             |
|        | 0      |        | 3.85   | -3.321 | -0.0019 | -2.5 to 2.5 | Pass        |             |
|        | 10     |        | 3.85   | -5.656 | -0.0032 | -2.5 to 2.5 | Pass        |             |
|        | 30     |        | 3.85   | -2.113 | -0.0012 | -2.5 to 2.5 | Pass        |             |
|        | 40     |        | 3.85   | -2.634 | -0.0015 | -2.5 to 2.5 | Pass        |             |
|        | 50     |        | 3.85   | -2.416 | -0.0014 | -2.5 to 2.5 | Pass        |             |
|        | HSDPA  |        | 1712.4 | 20     | 3.27    | 1.161       | 0.0007      | -2.5 to 2.5 |
|        |        | 3.85   |        |        | 0.466   | 0.0003      | -2.5 to 2.5 | Pass        |
|        |        | 4.43   |        |        | 0.539   | 0.0003      | -2.5 to 2.5 | Pass        |
|        |        | -30    |        | 3.85   | -2.562  | -0.0015     | -2.5 to 2.5 | Pass        |
|        |        | -20    |        | 3.85   | 0.351   | 0.0002      | -2.5 to 2.5 | Pass        |
| -10    |        | 3.85   |        | 2.524  | 0.0015  | -2.5 to 2.5 | Pass        |             |
| 0      |        | 3.85   |        | 0.905  | 0.0005  | -2.5 to 2.5 | Pass        |             |
| 10     |        | 3.85   |        | -0.470 | -0.0003 | -2.5 to 2.5 | Pass        |             |
| 30     |        | 3.85   |        | -0.035 | 0.0000  | -2.5 to 2.5 | Pass        |             |
| 40     |        | 3.85   |        | 1.925  | 0.0011  | -2.5 to 2.5 | Pass        |             |
| 50     |        | 3.85   |        | 0.222  | 0.0001  | -2.5 to 2.5 | Pass        |             |
| 1732.6 |        | 20     |        | 3.27   | -0.965  | -0.0006     | -2.5 to 2.5 | Pass        |
|        |        |        | 3.85   | -3.238 | -0.0019 | -2.5 to 2.5 | Pass        |             |
|        |        |        | 4.43   | -2.304 | -0.0013 | -2.5 to 2.5 | Pass        |             |
|        |        | -30    | 3.85   | -2.313 | -0.0013 | -2.5 to 2.5 | Pass        |             |
|        |        | -20    | 3.85   | -4.139 | -0.0024 | -2.5 to 2.5 | Pass        |             |
|        |        | -10    | 3.85   | -4.627 | -0.0027 | -2.5 to 2.5 | Pass        |             |
|        |        | 0      | 3.85   | -3.667 | -0.0021 | -2.5 to 2.5 | Pass        |             |
|        |        | 10     | 3.85   | -4.681 | -0.0027 | -2.5 to 2.5 | Pass        |             |
|        |        | 30     | 3.85   | -3.288 | -0.0019 | -2.5 to 2.5 | Pass        |             |
|        |        | 40     | 3.85   | -2.512 | -0.0014 | -2.5 to 2.5 | Pass        |             |
|        |        | 50     | 3.85   | -3.653 | -0.0021 | -2.5 to 2.5 | Pass        |             |
|        |        | 1752.6 | 20     | 3.27   | -5.259  | -0.0030     | -2.5 to 2.5 | Pass        |
| 3.85   |        |        |        | -3.893 | -0.0022 | -2.5 to 2.5 | Pass        |             |
| 4.43   |        |        |        | -6.338 | -0.0036 | -2.5 to 2.5 | Pass        |             |
| -30    |        |        | 3.85   | -3.700 | -0.0021 | -2.5 to 2.5 | Pass        |             |
| -20    |        |        | 3.85   | -4.556 | -0.0026 | -2.5 to 2.5 | Pass        |             |
| -10    |        |        | 3.85   | -6.230 | -0.0036 | -2.5 to 2.5 | Pass        |             |
| 0      |        |        | 3.85   | -6.199 | -0.0035 | -2.5 to 2.5 | Pass        |             |
| 10     |        |        | 3.85   | -3.961 | -0.0023 | -2.5 to 2.5 | Pass        |             |
| 30     |        |        | 3.85   | -4.742 | -0.0027 | -2.5 to 2.5 | Pass        |             |

|       |        |     |      |        |         |             |      |
|-------|--------|-----|------|--------|---------|-------------|------|
| HSUPA |        | 40  | 3.85 | -7.527 | -0.0043 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | -6.796 | -0.0039 | -2.5 to 2.5 | Pass |
|       | 1712.4 | 20  | 3.27 | 17.662 | 0.0103  | -2.5 to 2.5 | Pass |
|       |        |     | 3.85 | 12.750 | 0.0074  | -2.5 to 2.5 | Pass |
|       |        |     | 4.43 | 9.862  | 0.0058  | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.85 | 9.675  | 0.0056  | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.85 | 11.620 | 0.0068  | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.85 | 15.014 | 0.0088  | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | 11.033 | 0.0064  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | 17.254 | 0.0101  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | 16.335 | 0.0095  | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | 14.743 | 0.0086  | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | 10.630 | 0.0062  | -2.5 to 2.5 | Pass |
|       | 1732.6 | 20  | 3.27 | 12.783 | 0.0074  | -2.5 to 2.5 | Pass |
|       |        |     | 3.85 | 11.157 | 0.0064  | -2.5 to 2.5 | Pass |
|       |        |     | 4.43 | 12.186 | 0.0070  | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.85 | 13.766 | 0.0079  | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.85 | 6.659  | 0.0038  | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.85 | 9.445  | 0.0055  | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | 7.374  | 0.0043  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | 10.619 | 0.0061  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | 12.404 | 0.0072  | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | 9.901  | 0.0057  | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | 9.316  | 0.0054  | -2.5 to 2.5 | Pass |
|       | 1752.6 | 20  | 3.27 | 13.534 | 0.0077  | -2.5 to 2.5 | Pass |
|       |        |     | 3.85 | 8.609  | 0.0049  | -2.5 to 2.5 | Pass |
|       |        |     | 4.43 | 10.456 | 0.0060  | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.85 | 11.378 | 0.0065  | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.85 | 9.524  | 0.0054  | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.85 | 10.361 | 0.0059  | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | 12.193 | 0.0070  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | 9.538  | 0.0054  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | 6.647  | 0.0038  | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | 6.316  | 0.0036  | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | 9.914  | 0.0057  | -2.5 to 2.5 | Pass |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band4\_OBW

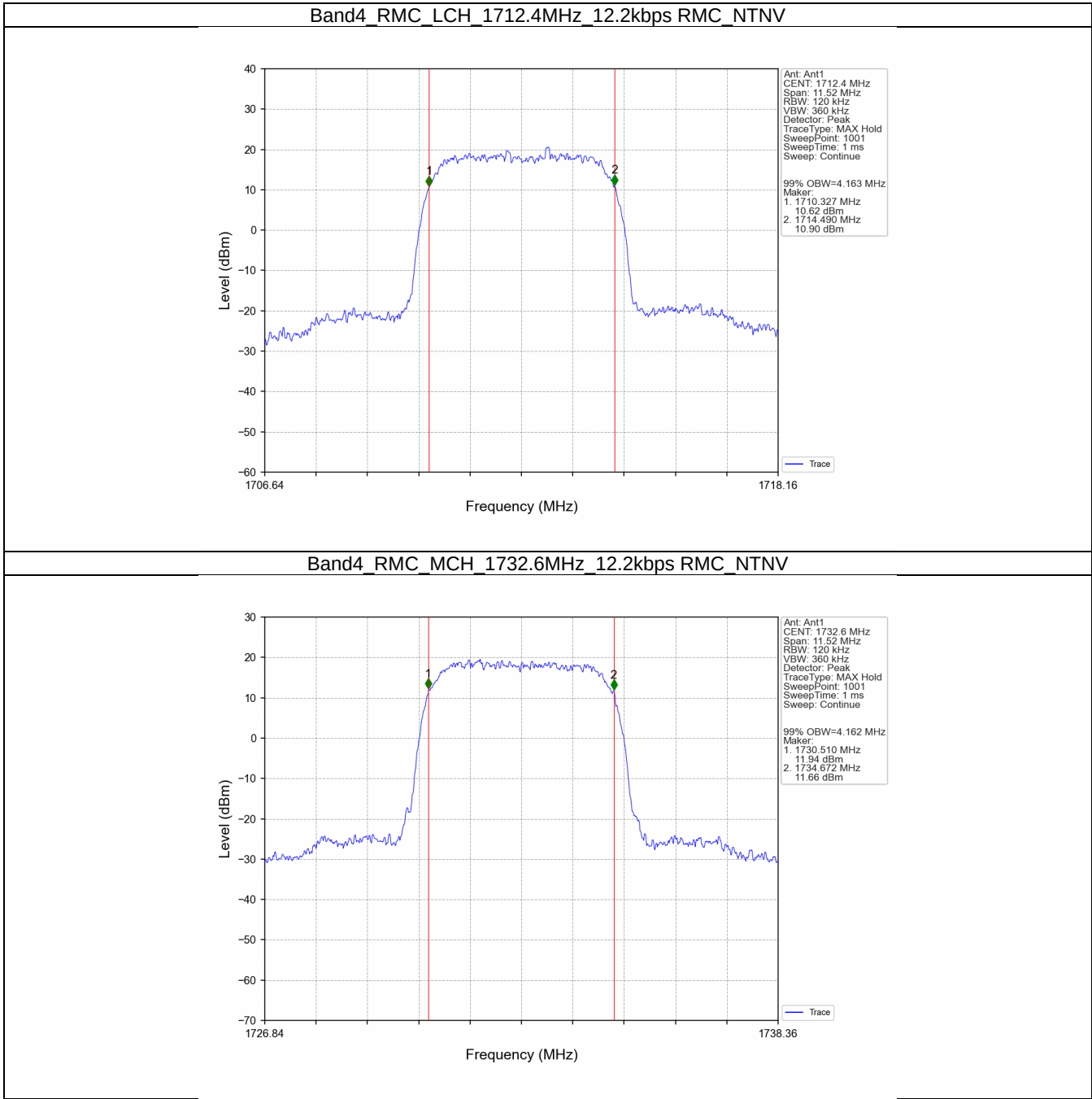
| Band: 4 |         |              |                 |                              |       |         |
|---------|---------|--------------|-----------------|------------------------------|-------|---------|
| ENV     | Mode    |              | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |       | Verdict |
|         | Network | Subset       |                 | Result                       | Limit |         |
| NTNV    | RMC     | 12.2kbps RMC | 1712.4          | 4.163                        | /     | Pass    |
|         |         |              | 1732.6          | 4.162                        | /     | Pass    |
|         |         |              | 1752.6          | 4.161                        | /     | Pass    |
|         | HSDPA   | Subtest 1    | 1712.4          | 4.175                        | /     | Pass    |
|         |         |              | 1732.6          | 4.160                        | /     | Pass    |
|         |         |              | 1752.6          | 4.165                        | /     | Pass    |
|         | HSUPA   | Subtest 1    | 1712.4          | 4.172                        | /     | Pass    |
|         |         |              | 1732.6          | 4.158                        | /     | Pass    |
|         |         |              | 1752.6          | 4.171                        | /     | Pass    |

### 3.1.2 Band4\_XDB

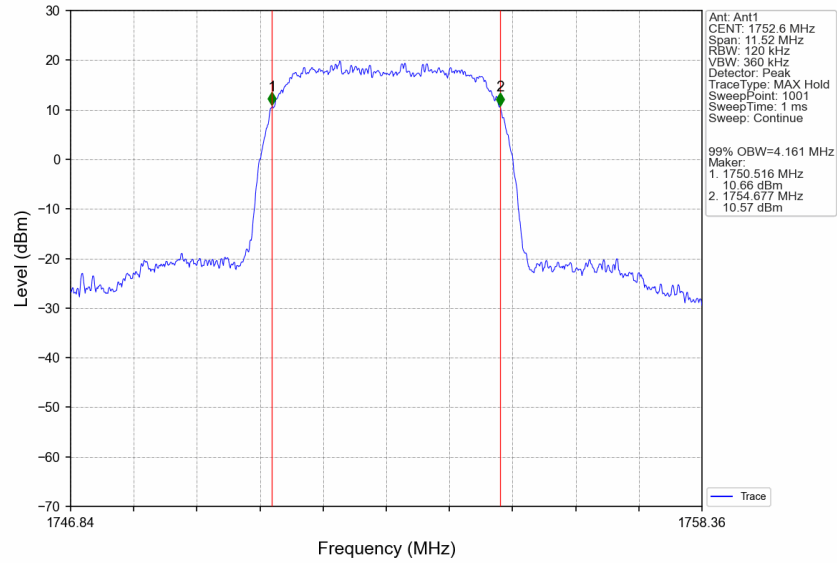
| Band: 4 |         |              |                    |                      |       |         |
|---------|---------|--------------|--------------------|----------------------|-------|---------|
| ENV     | Mode    |              | Frequency<br>(MHz) | 26dB Bandwidth (MHz) |       | Verdict |
|         | Network | Subset       |                    | Result               | Limit |         |
| NTNV    | RMC     | 12.2kbps RMC | 1712.4             | 4.747                | /     | Pass    |
|         |         |              | 1732.6             | 4.738                | /     | Pass    |
|         |         |              | 1752.6             | 4.765                | /     | Pass    |
|         | HSDPA   | Subtest 1    | 1712.4             | 4.756                | /     | Pass    |
|         |         |              | 1732.6             | 4.718                | /     | Pass    |
|         |         |              | 1752.6             | 4.731                | /     | Pass    |
|         | HSUPA   | Subtest 1    | 1712.4             | 4.731                | /     | Pass    |
|         |         |              | 1732.6             | 4.739                | /     | Pass    |
|         |         |              | 1752.6             | 4.746                | /     | Pass    |

### 3.2 Test Graph

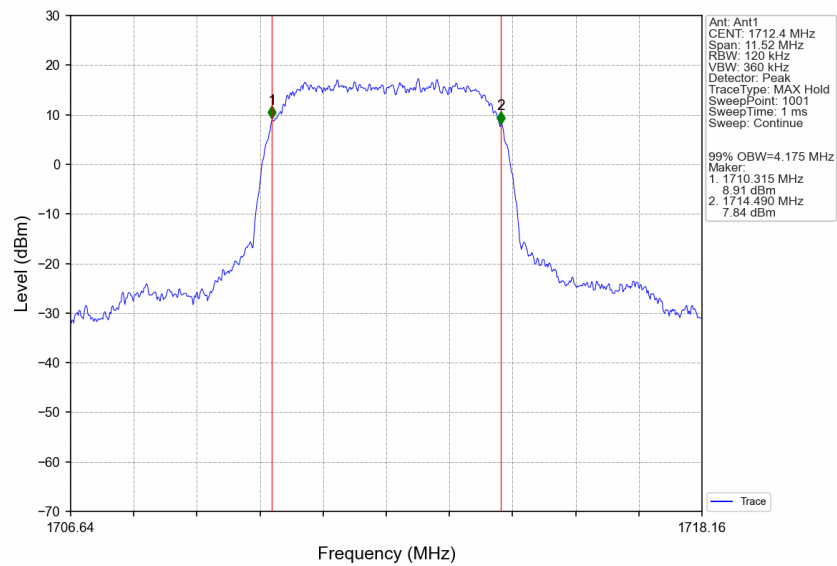
#### 3.2.1 Band4\_OBW



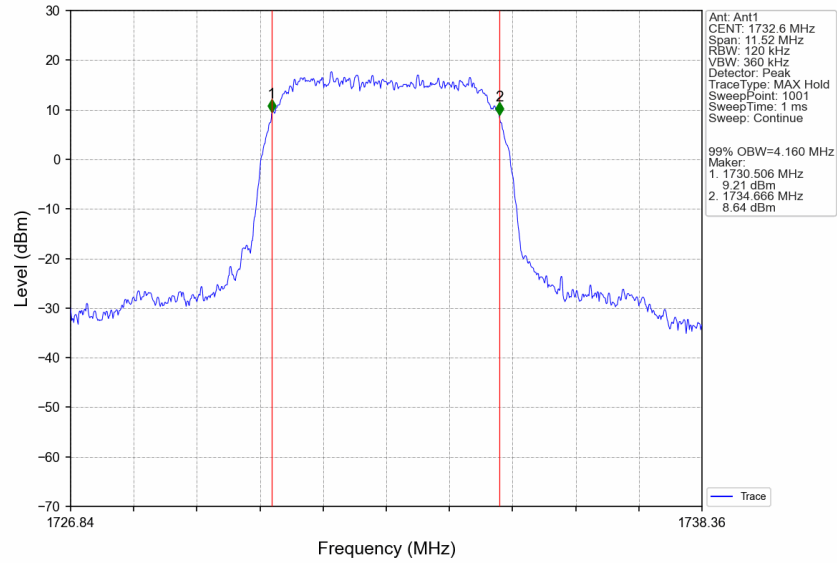
Band4\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



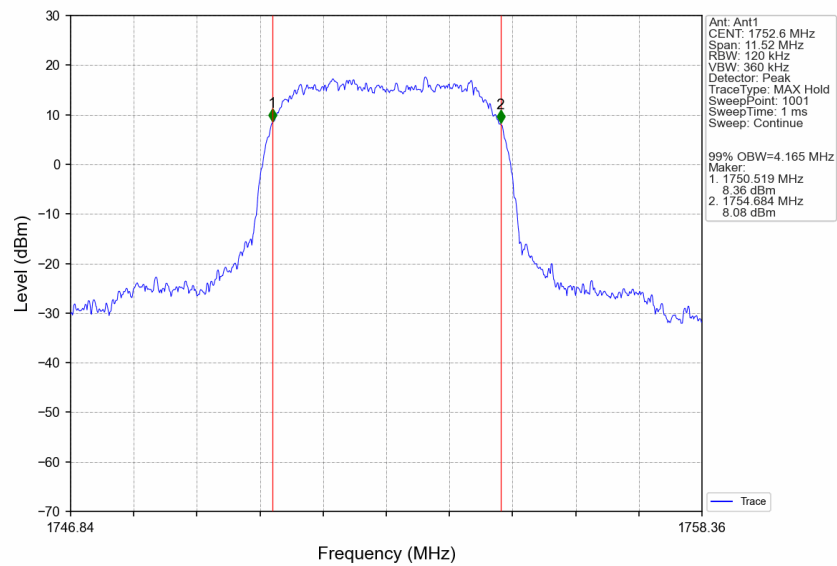
Band4\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



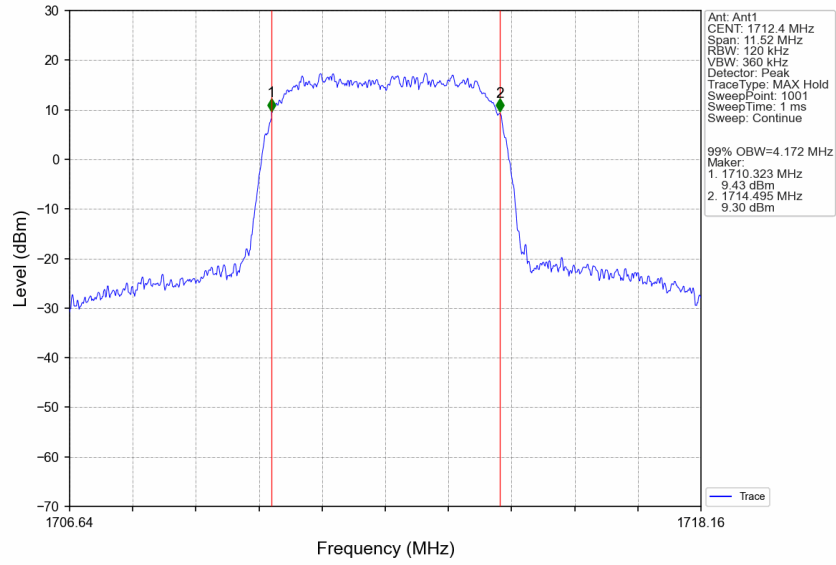
Band4\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



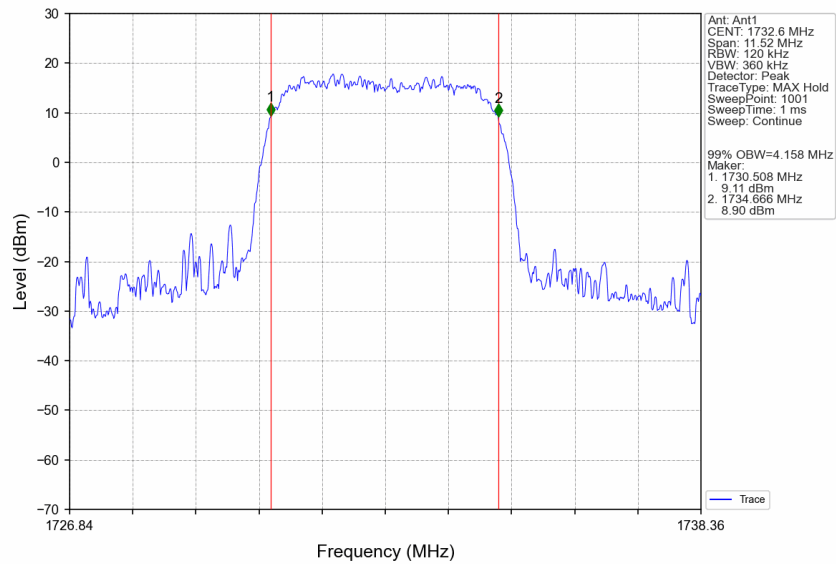
Band4\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



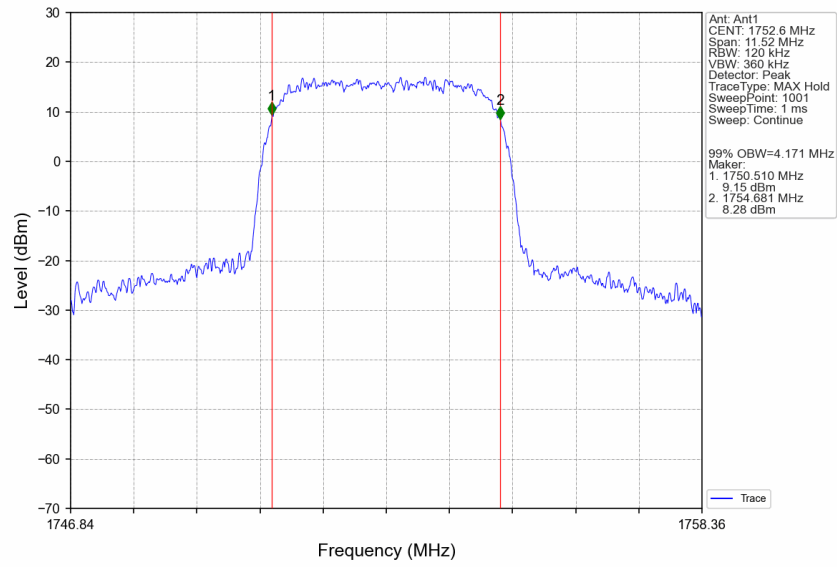
# Band4\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



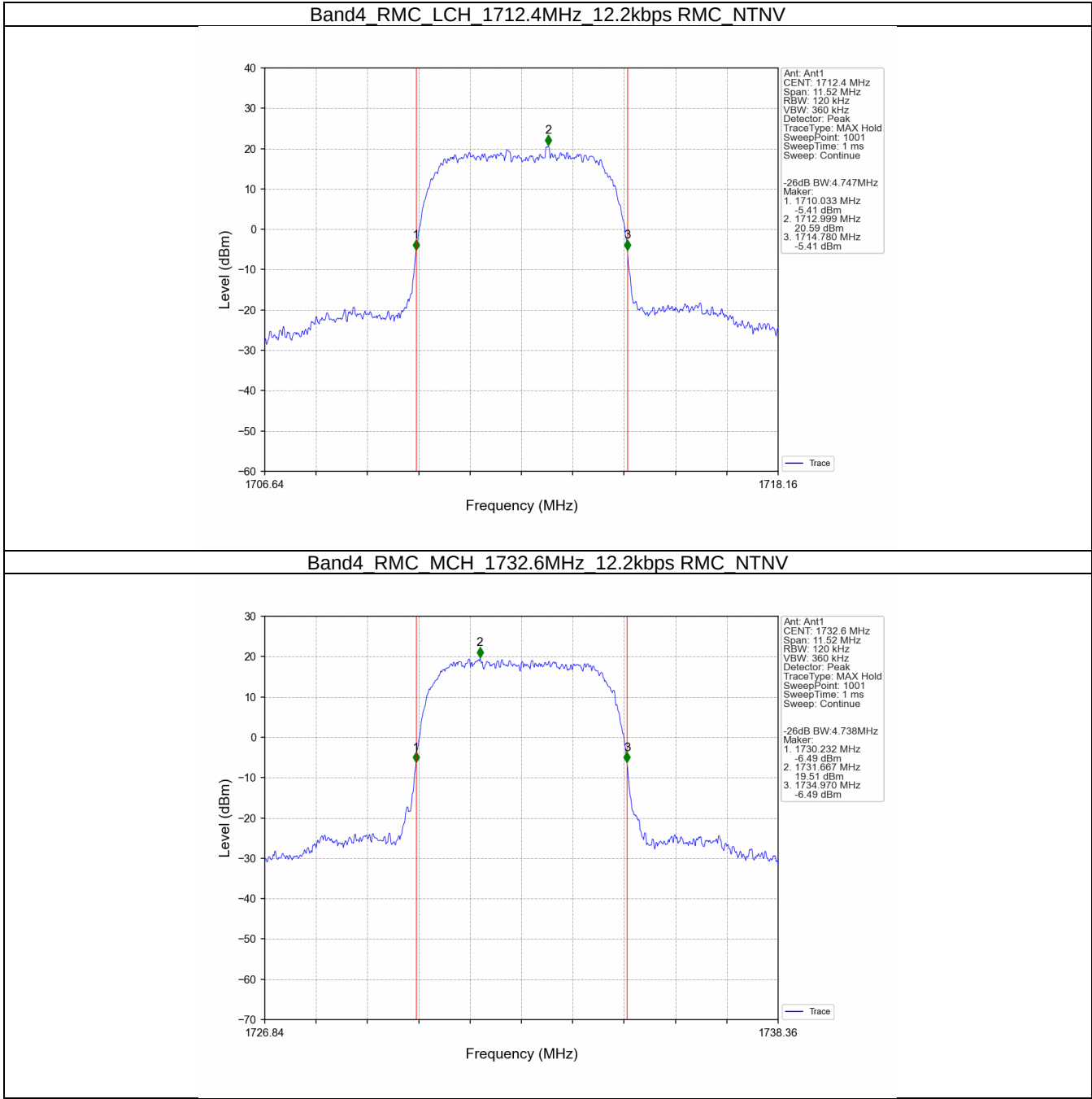
# Band4\_HSUPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



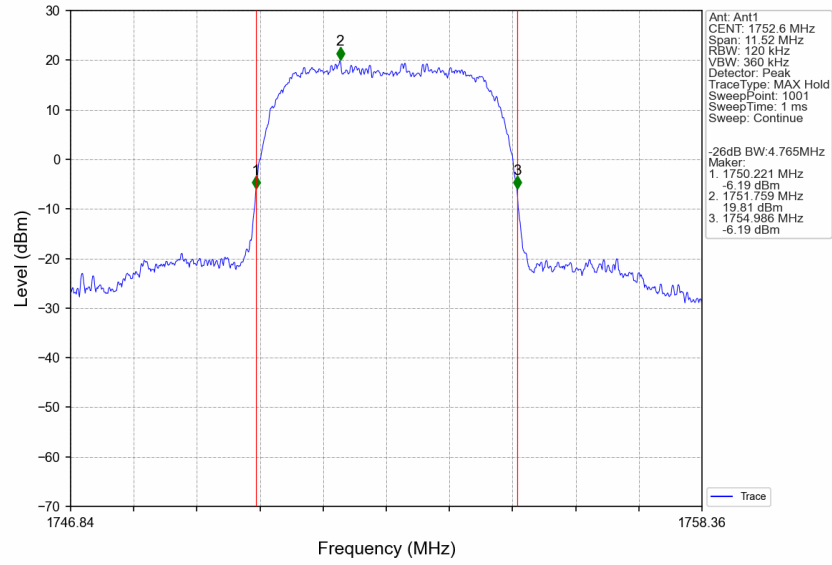
Band4\_HSUPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



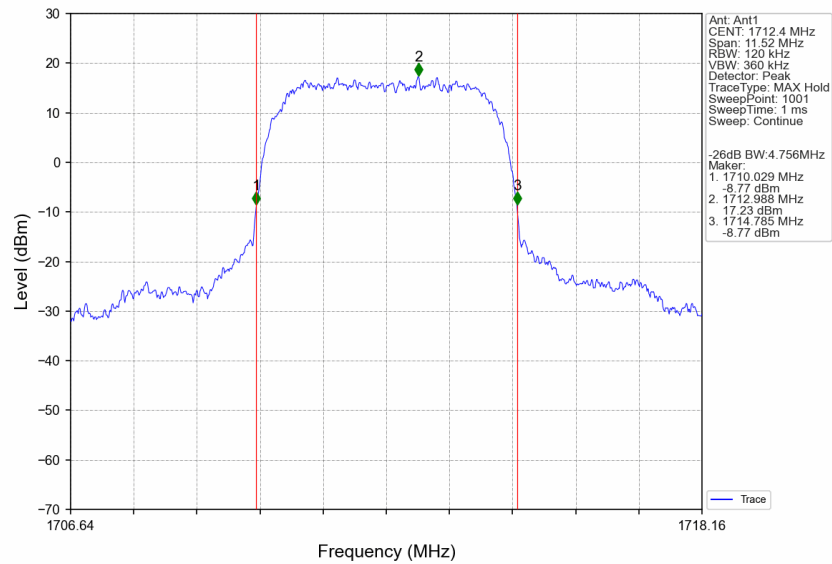
3.2.2 Band4\_XDB



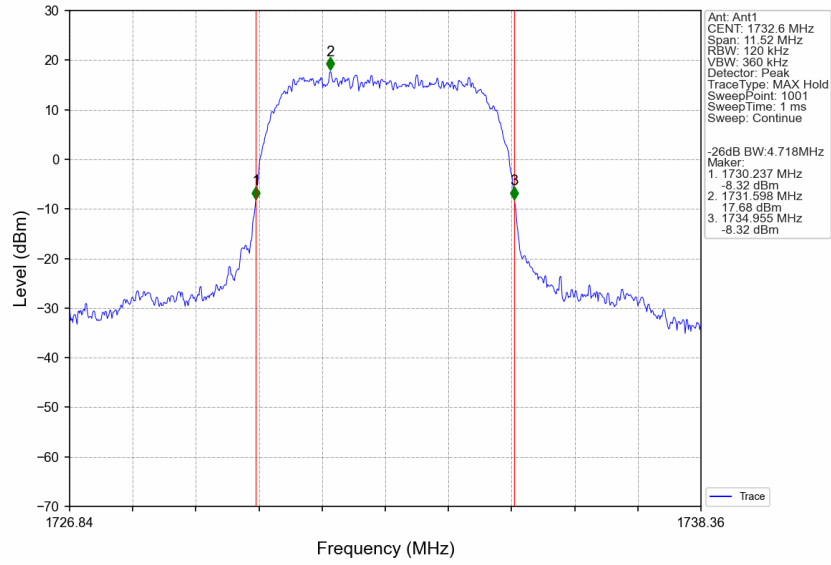
Band4\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



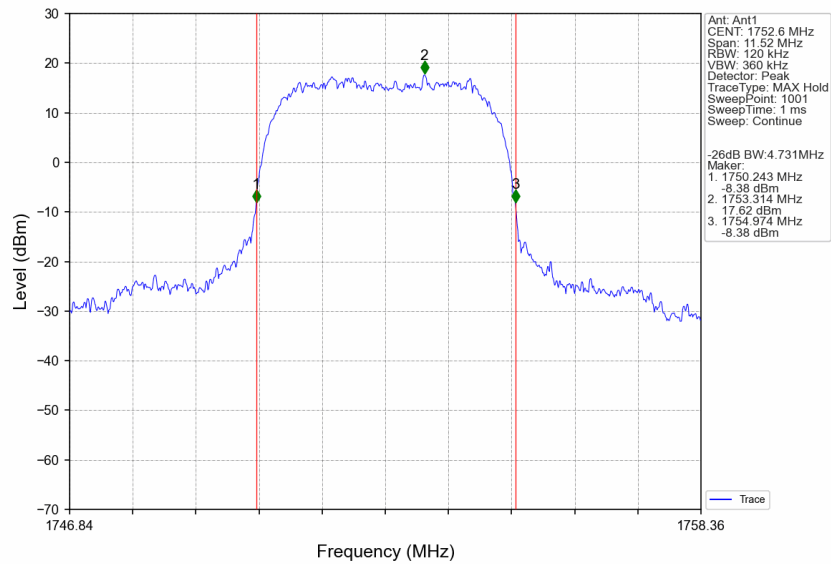
Band4\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



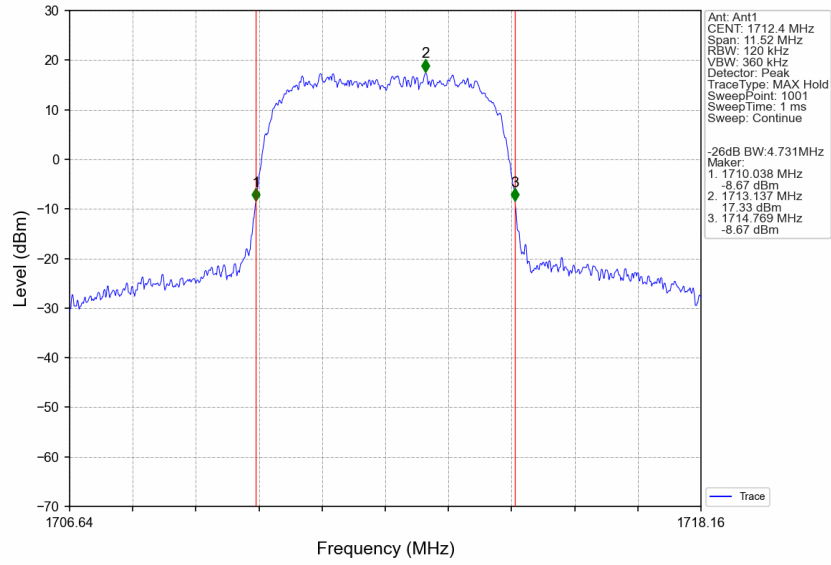
Band4\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



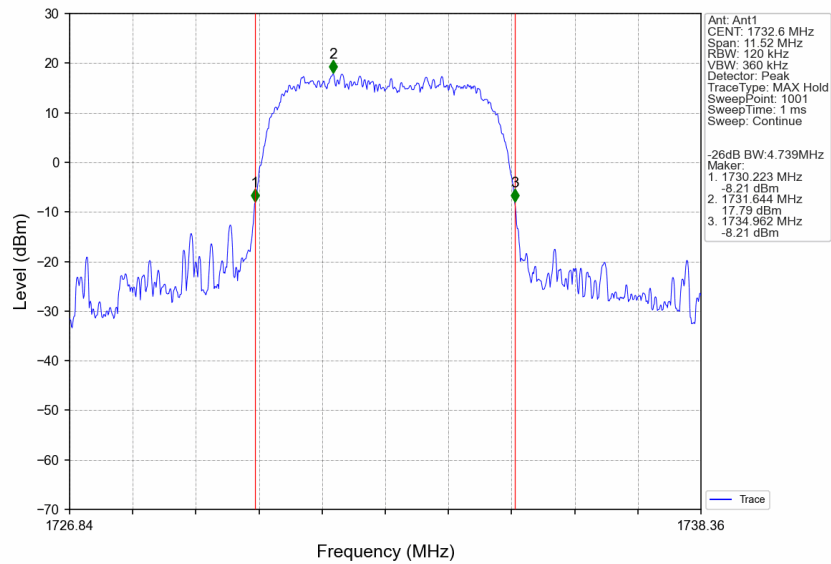
Band4\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



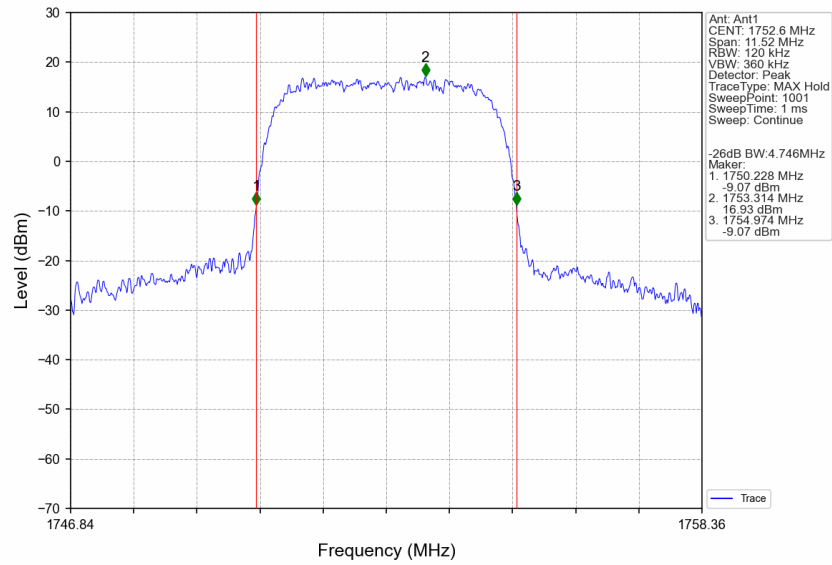
Band4\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



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



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



## 4. Peak-Average Ratio

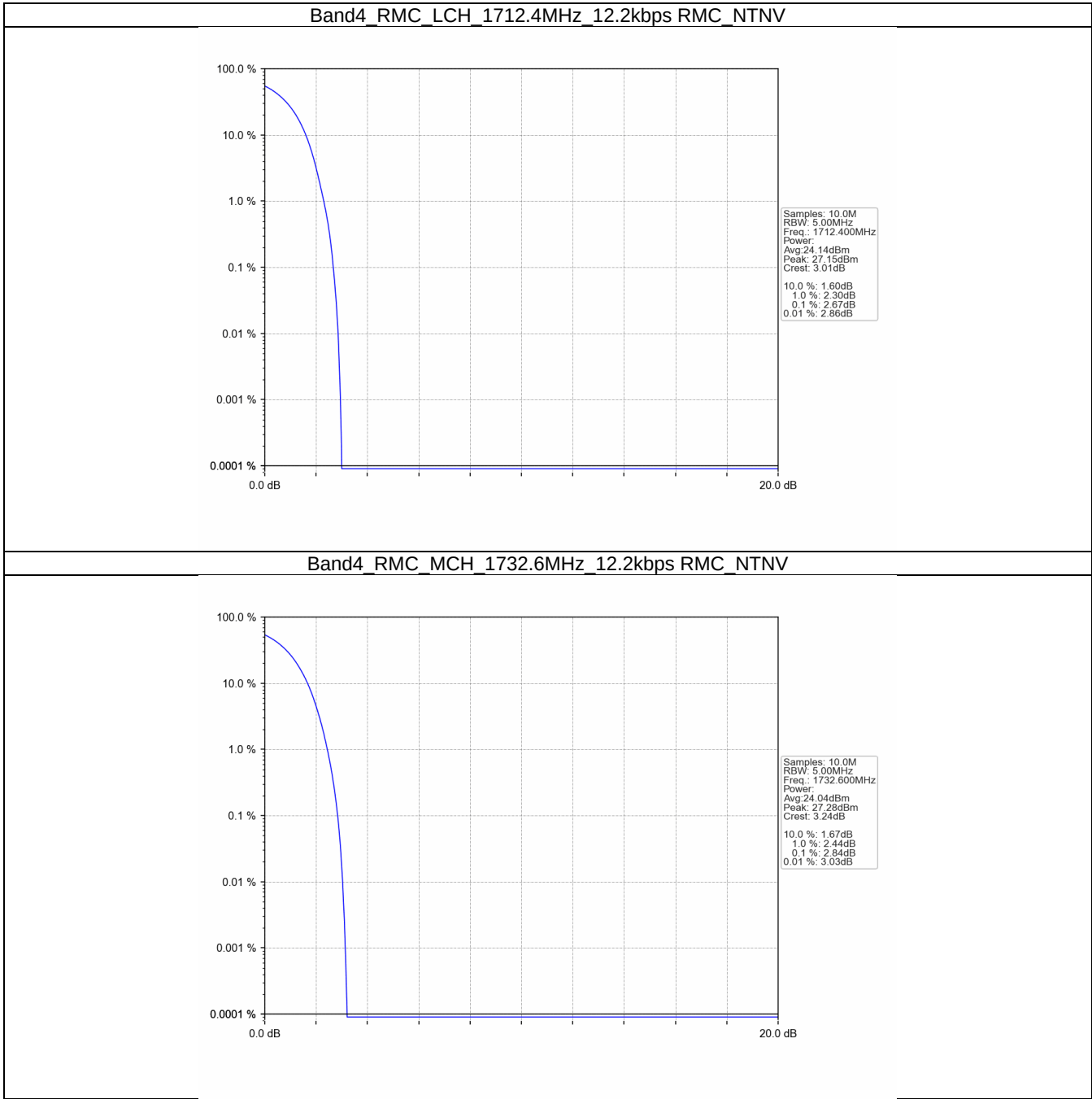
### 4.1 Test Result

#### 4.1.1 Band4

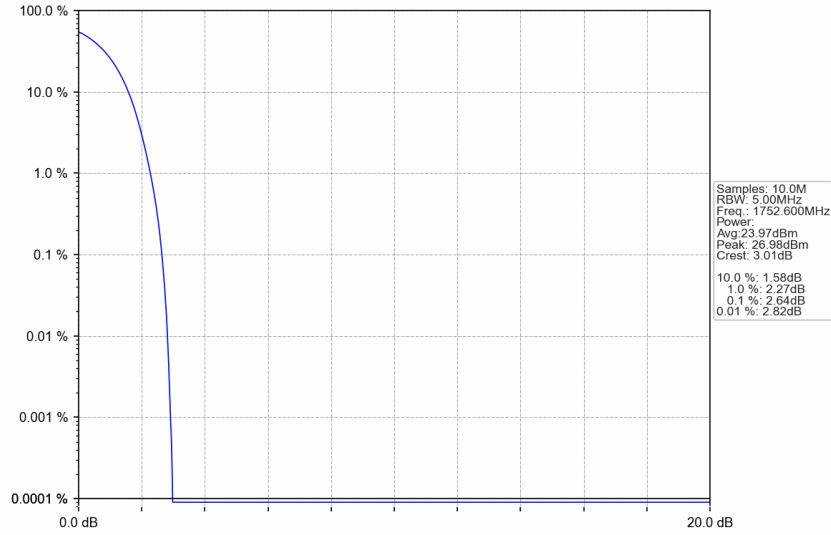
| Band: 4 |         |              |                    |                         |       |         |
|---------|---------|--------------|--------------------|-------------------------|-------|---------|
| ENV     | Mode    |              | Frequency<br>(MHz) | Peak-Average Ratio (dB) |       | Verdict |
|         | Network | Subset       |                    | Result                  | Limit |         |
| NTNV    | RMC     | 12.2kbps RMC | 1712.4             | 2.67                    | <=13  | Pass    |
|         |         |              | 1732.6             | 2.84                    | <=13  | Pass    |
|         |         |              | 1752.6             | 2.64                    | <=13  | Pass    |
|         | HSDPA   | Subtest 1    | 1712.4             | 5.68                    | <=13  | Pass    |
|         |         |              | 1732.6             | 5.96                    | <=13  | Pass    |
|         |         |              | 1752.6             | 5.66                    | <=13  | Pass    |
|         | HSUPA   | Subtest 1    | 1712.4             | 6.52                    | <=13  | Pass    |
|         |         |              | 1732.6             | 6.81                    | <=13  | Pass    |
|         |         |              | 1752.6             | 6.50                    | <=13  | Pass    |

# 4.2 Test Graph

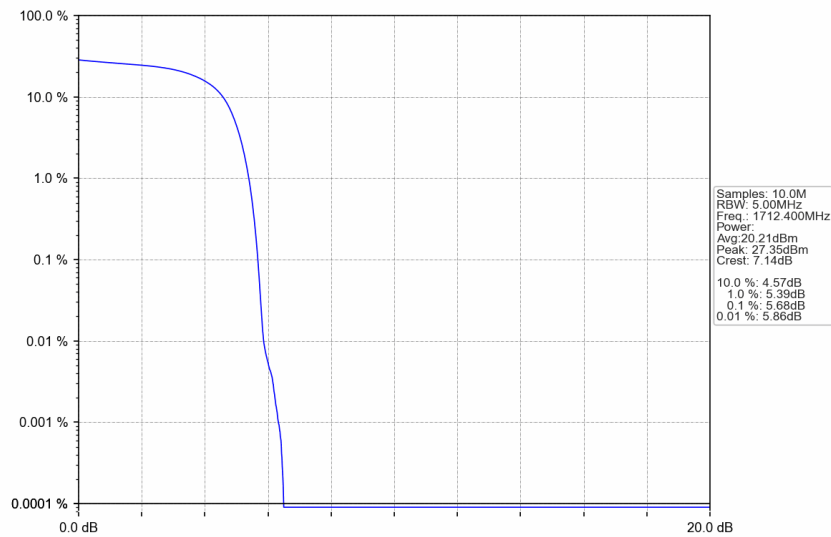
## 4.2.1 Band4



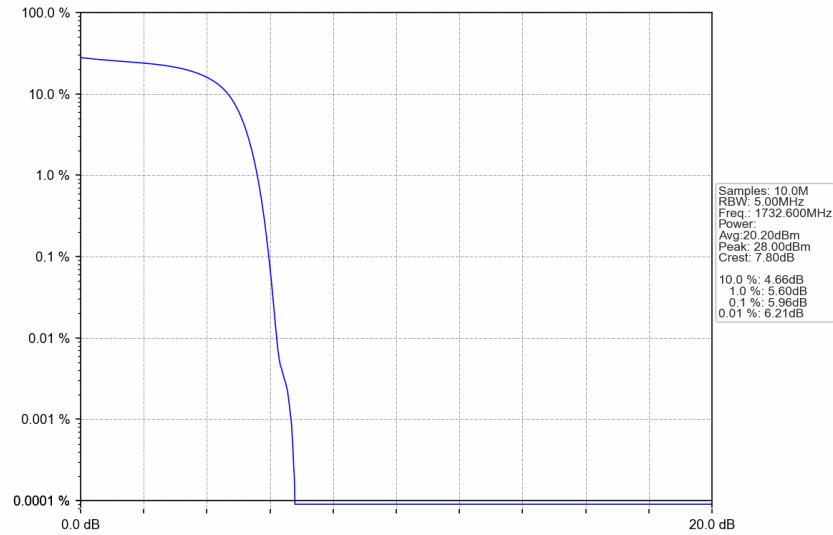
Band4\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



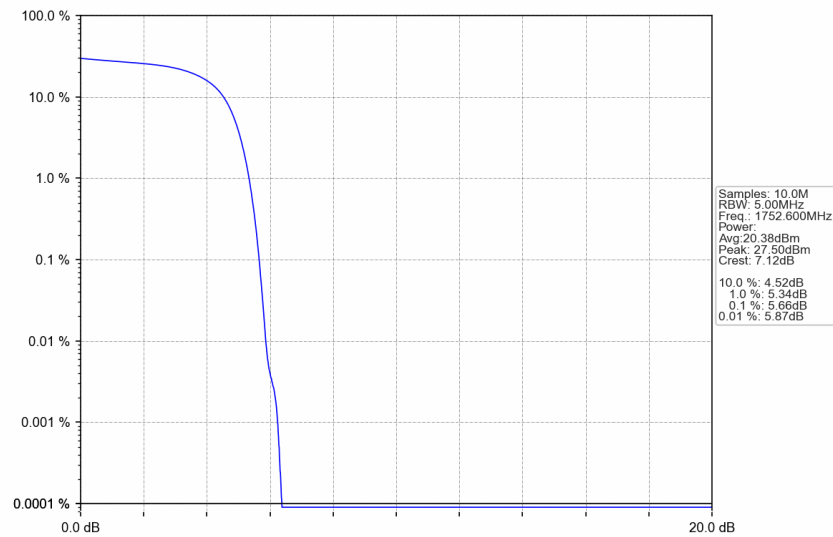
Band4\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



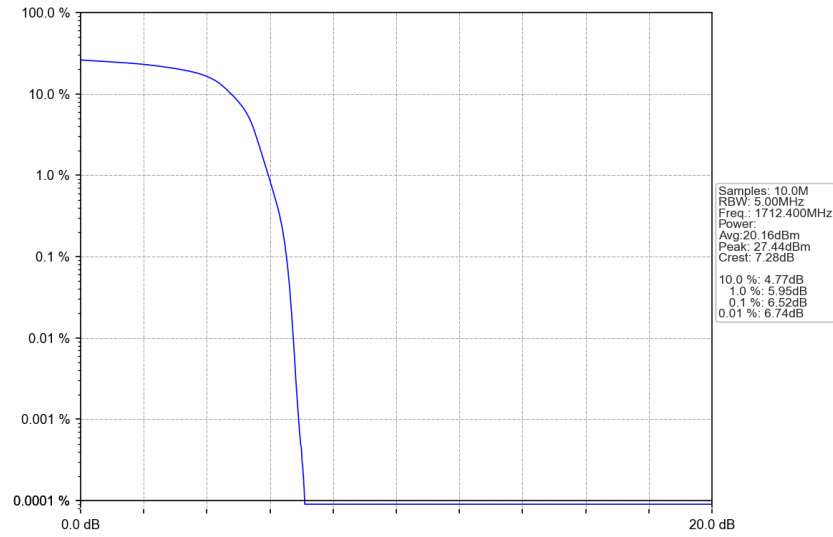
Band4\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



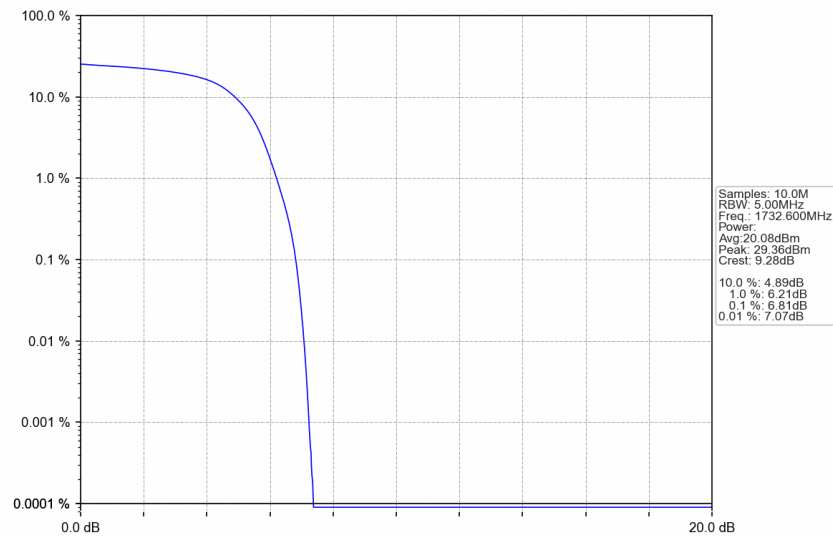
Band4\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



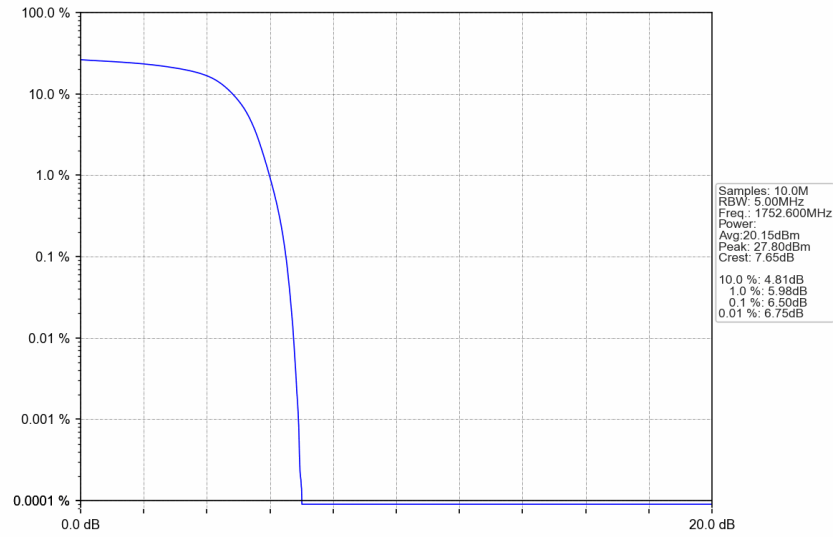
Band4\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



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



Band4 HSUPA HCH 1752.6MHz\_Subtest 1\_NTNV



## 5. Spurious Emission

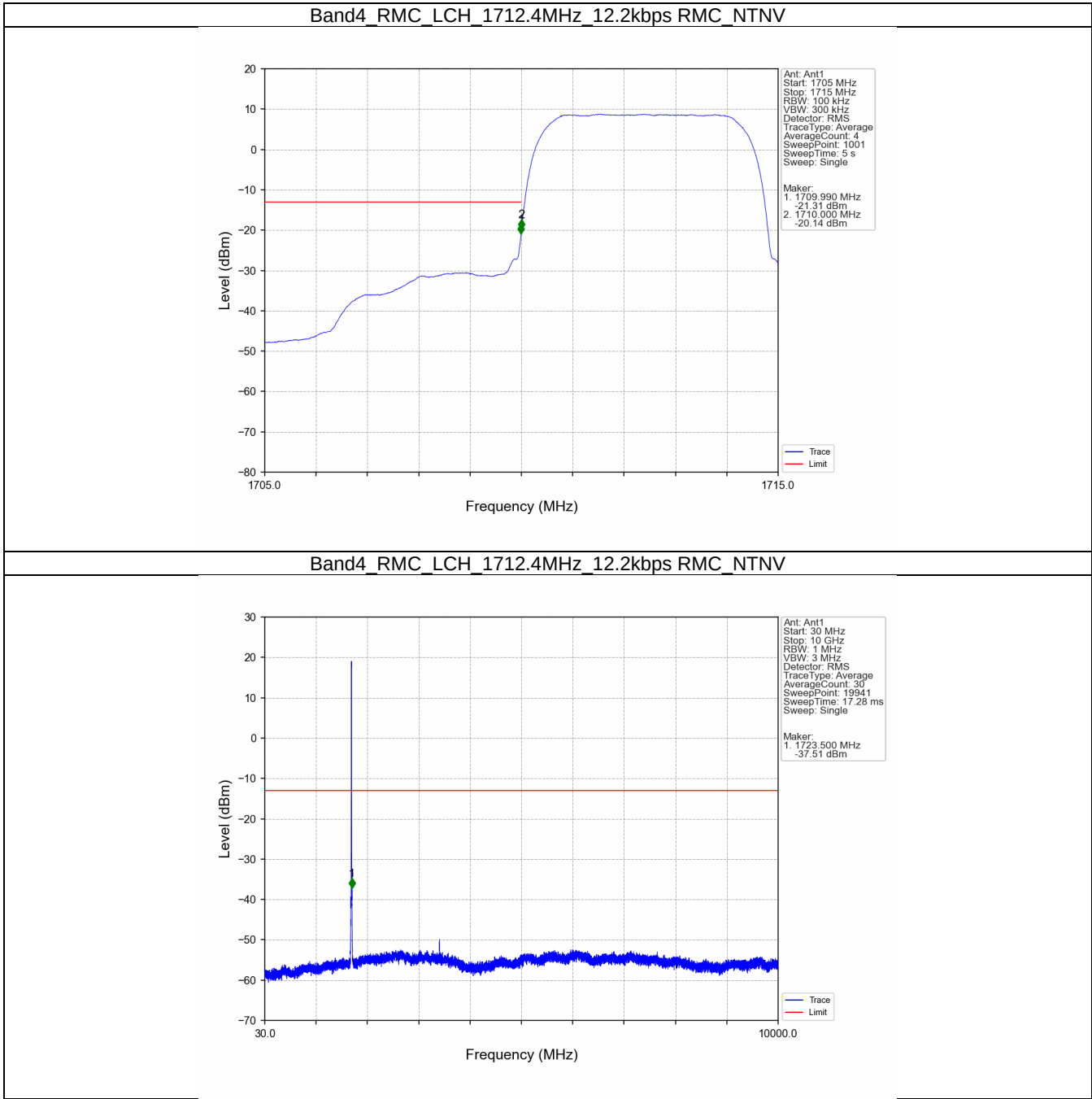
### 5.1 Test Result

#### 5.1.1 Band4

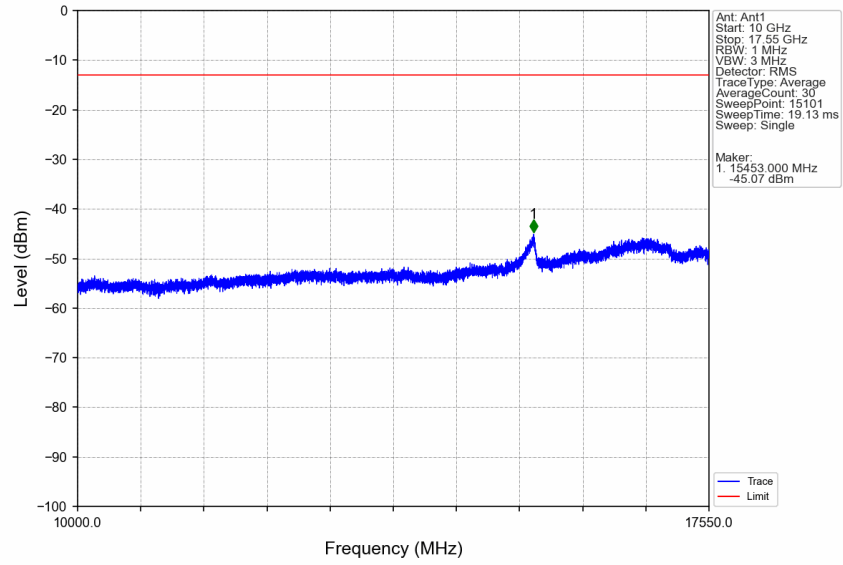
| Band: 4 |         |              |                    |                     |       |         |
|---------|---------|--------------|--------------------|---------------------|-------|---------|
| ENV     | Mode    |              | Frequency<br>(MHz) | Spurious Emission   |       | Verdict |
|         | 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

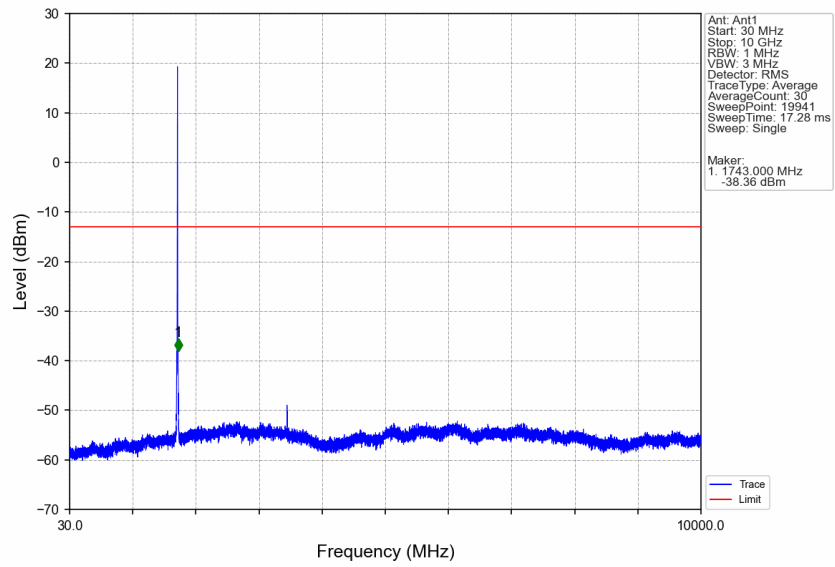
5.2.1 Band4



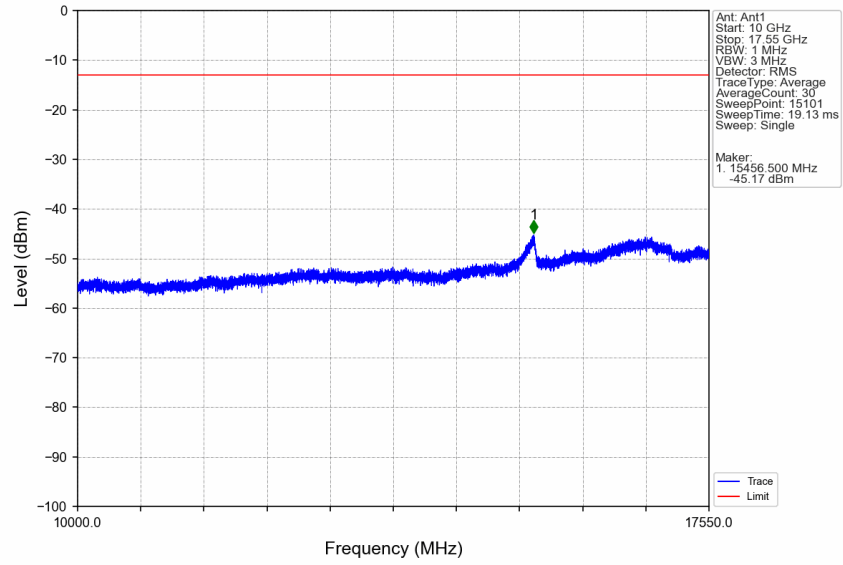
Band4\_RMC\_LCH\_1712.4MHz\_12.2kbps RMC\_NTNV



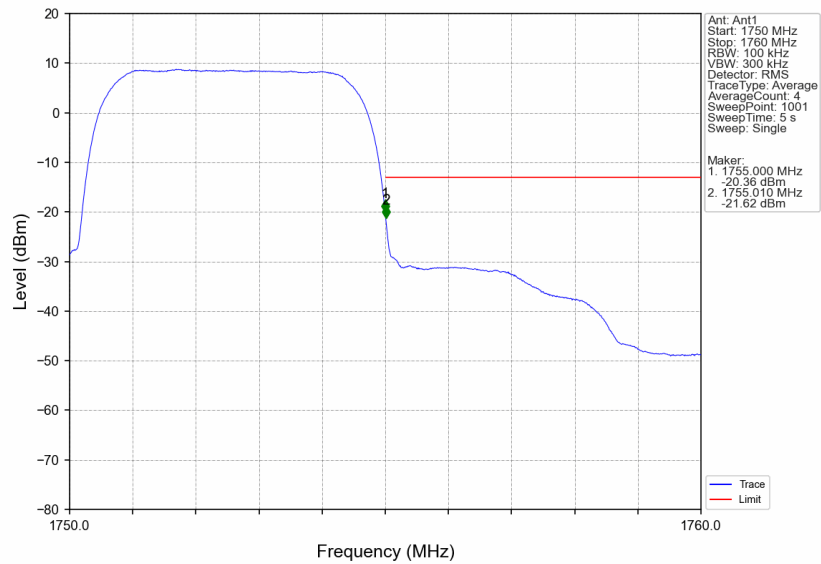
Band4\_RMC\_MCH\_1732.6MHz\_12.2kbps RMC\_NTNV



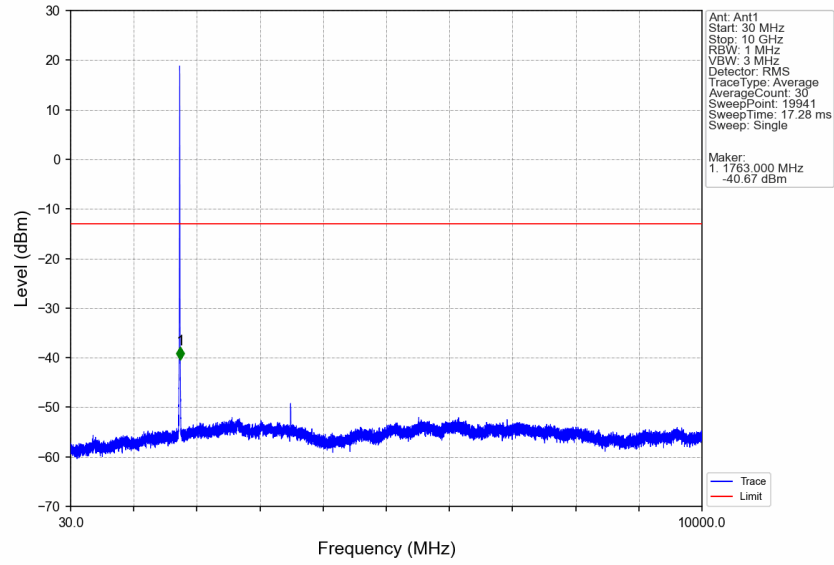
# Band4\_RMC\_MCH\_1732.6MHz\_12.2kbps RMC\_NTNV



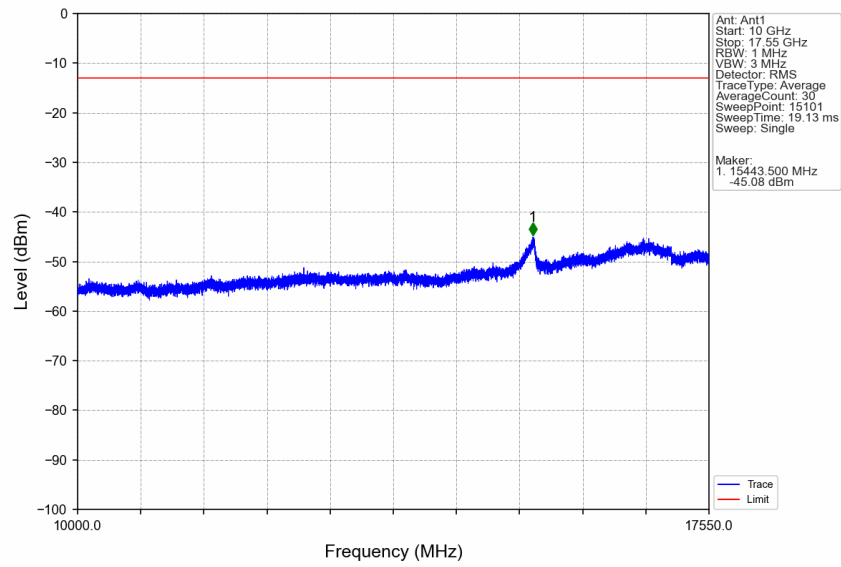
# Band4\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



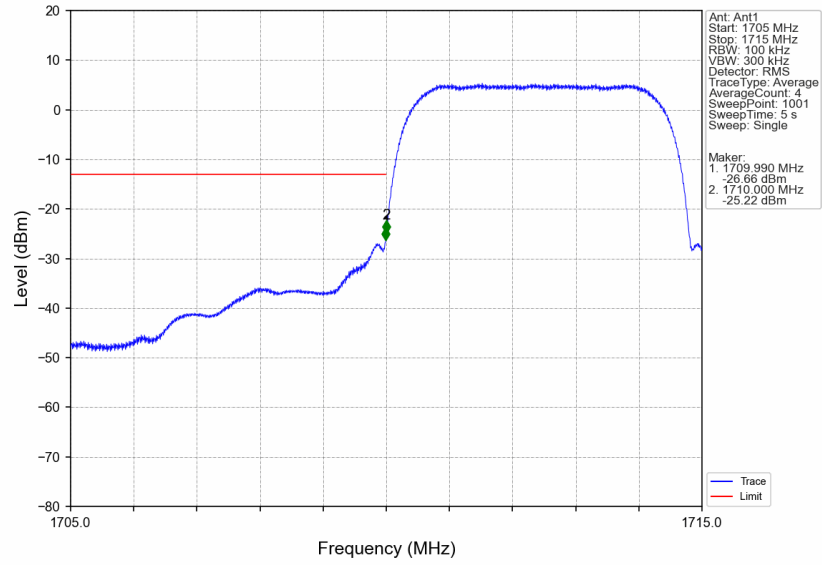
Band4\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



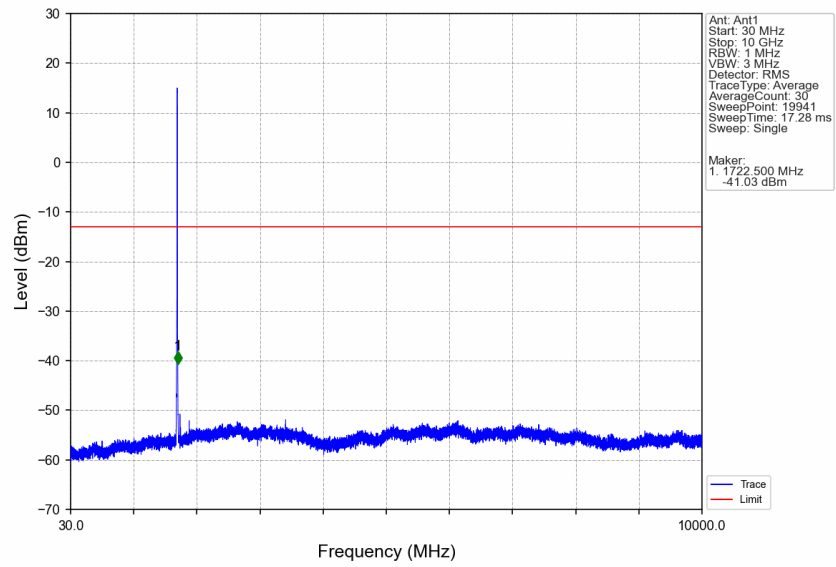
Band4\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



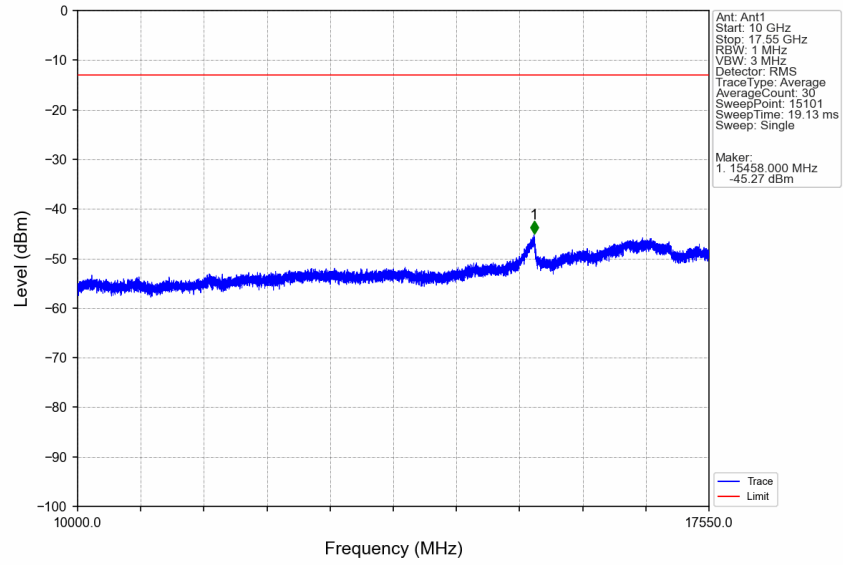
Band4\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



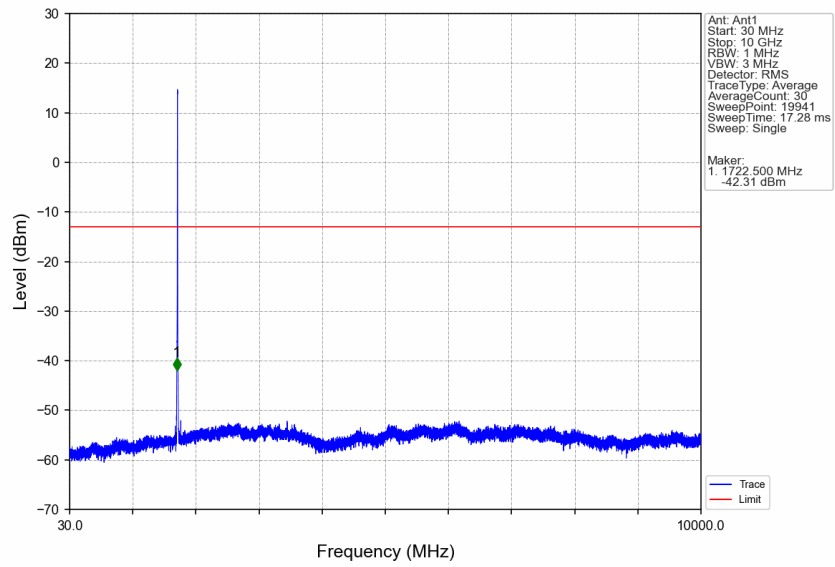
Band4\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



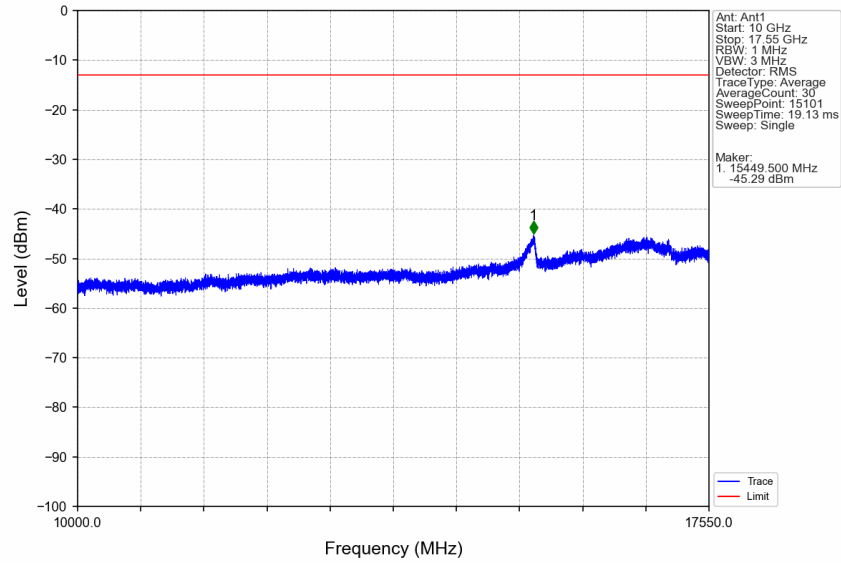
# Band4\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



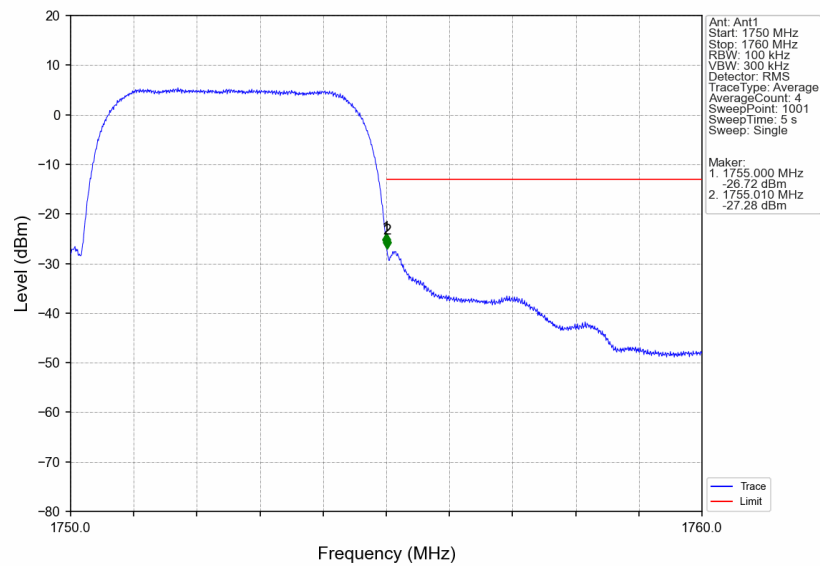
# Band4\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



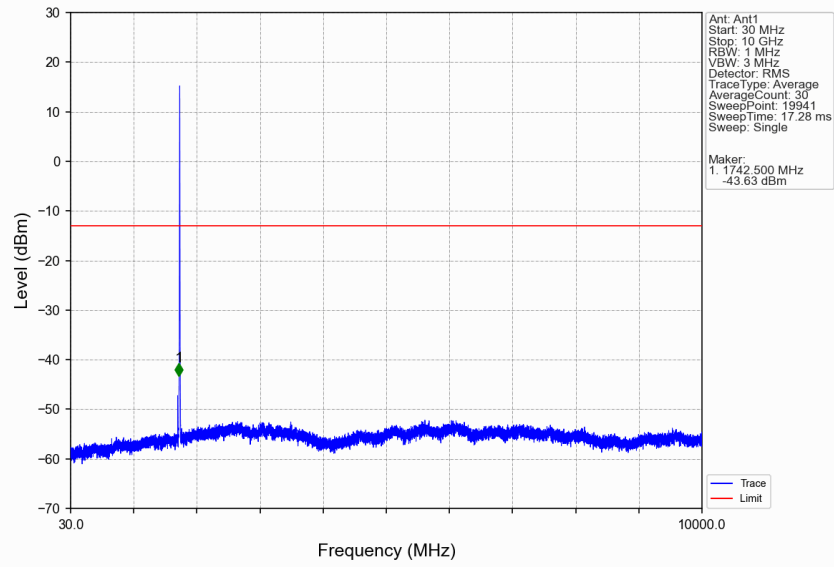
Band4\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



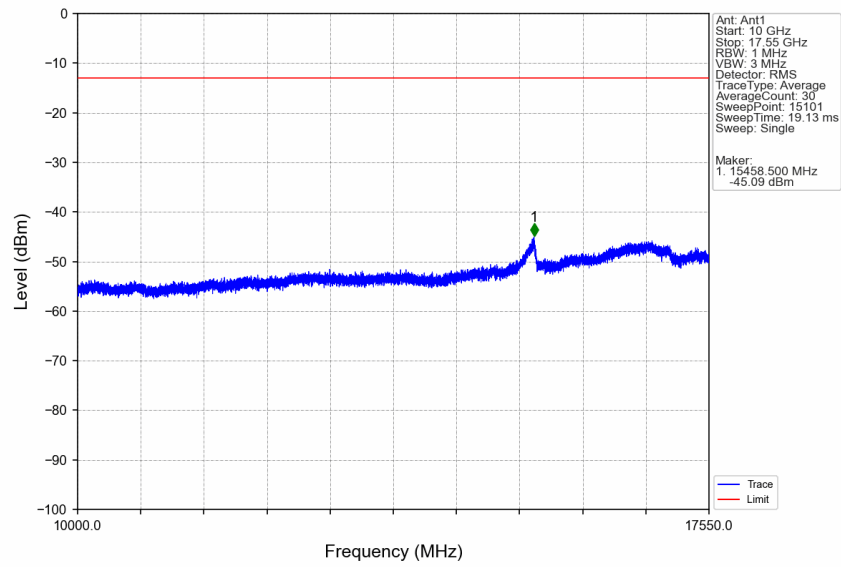
Band4\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



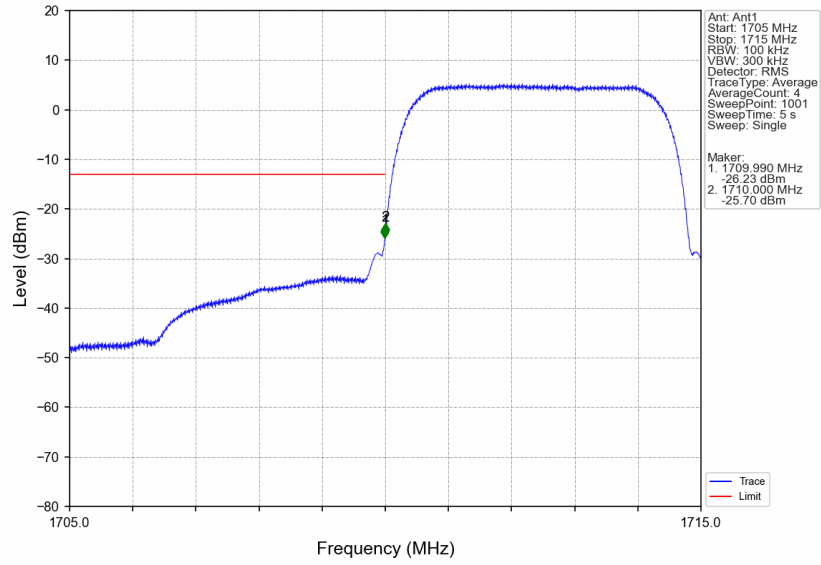
Band4\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



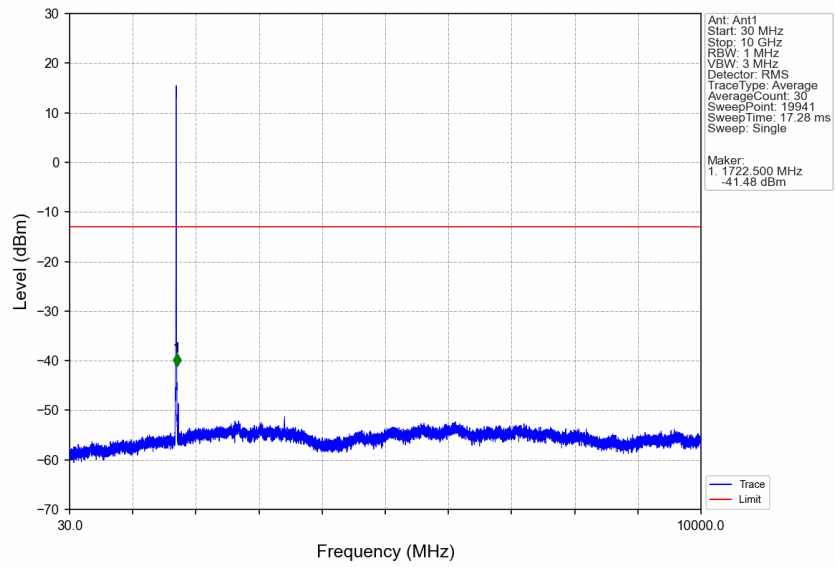
Band4\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



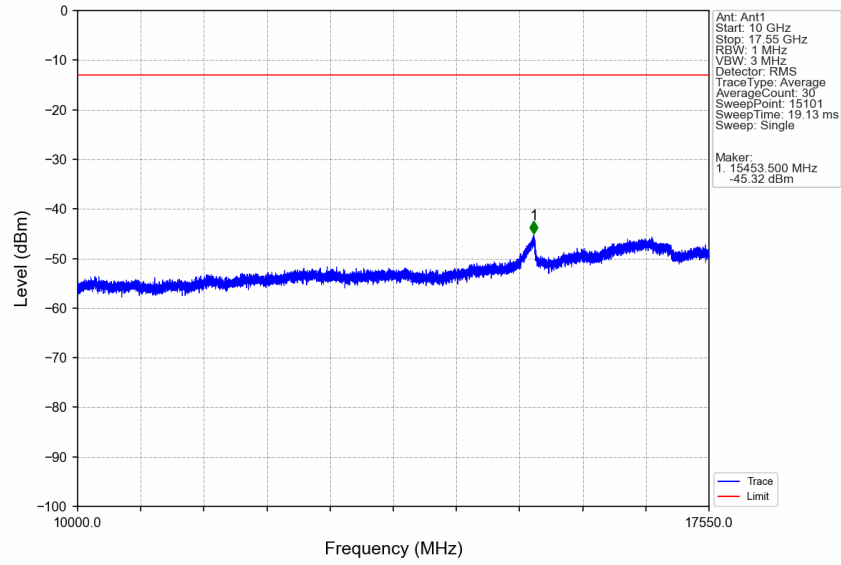
# Band4\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



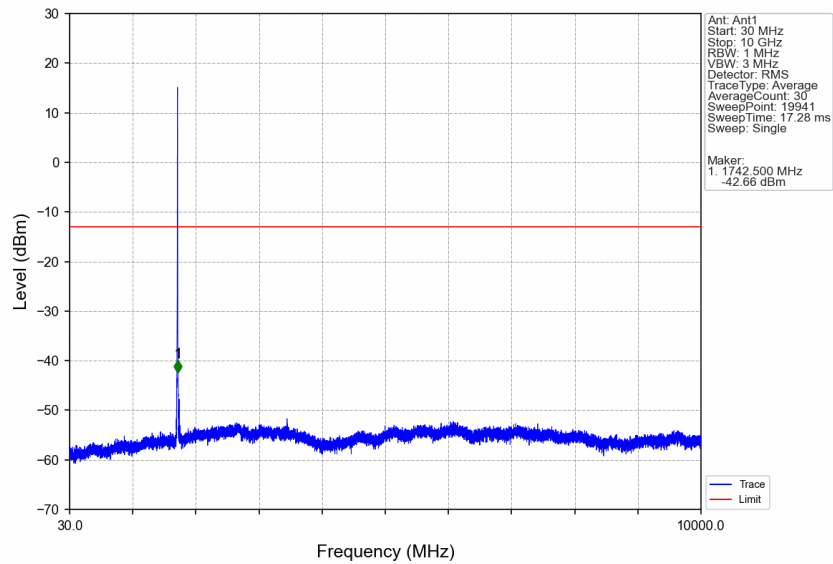
# Band4\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



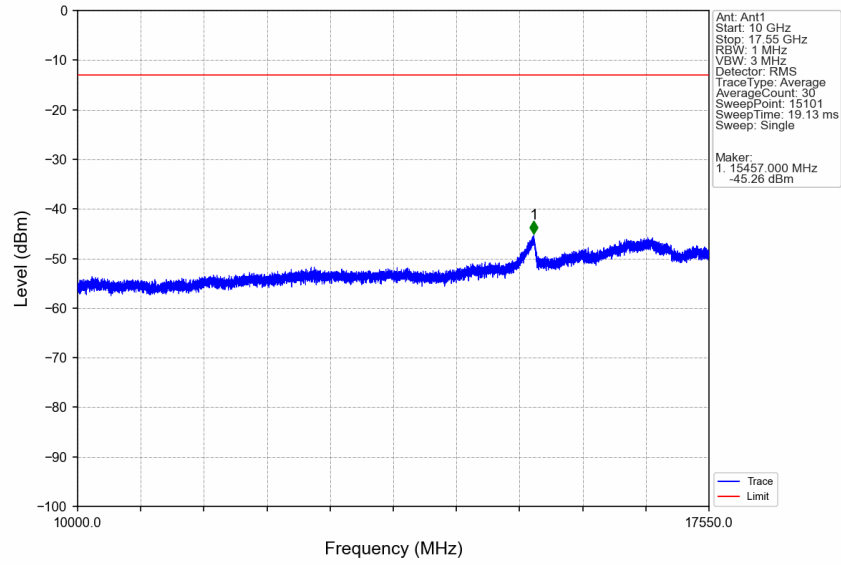
Band4\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



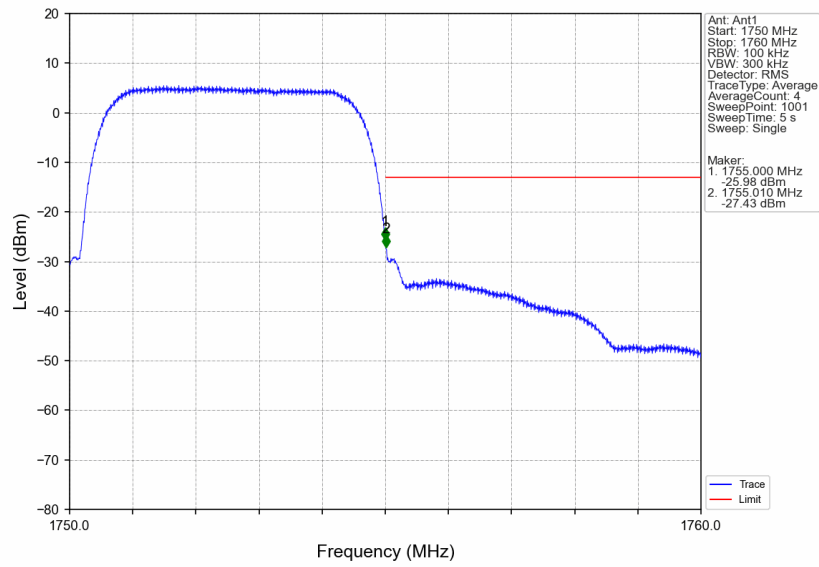
Band4\_HSUPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



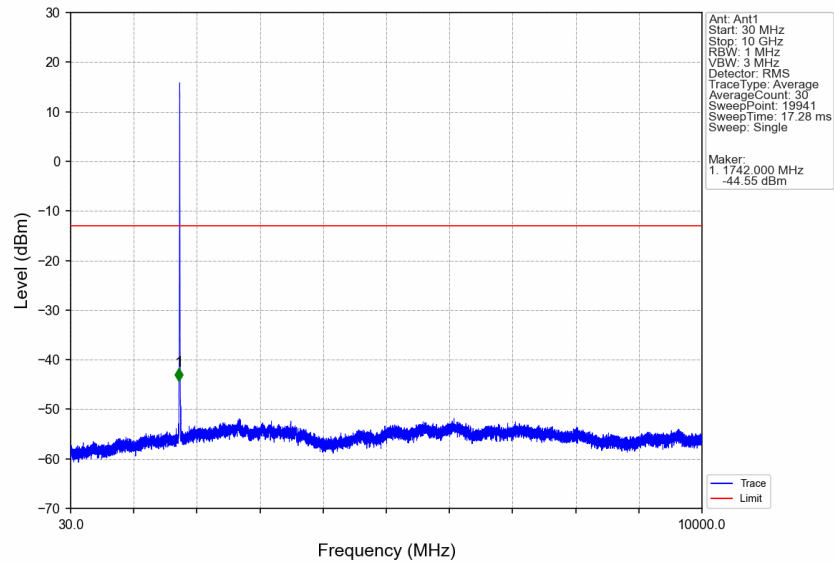
Band4\_HSUPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



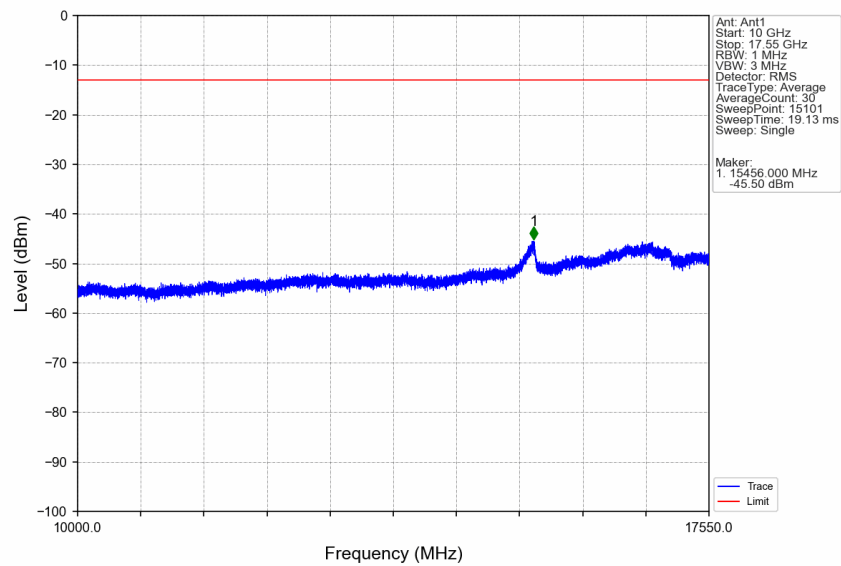
Band4\_HSUPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



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



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



## 6. Field Strength of Spurious Radiation

**Test Band = WCDMA Band4\_ TM1**

**Test Channel = Low**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 3423            | 47.79          | -46.28      | 28.52    | -65.22      | -13.00      | 52.22       | Horizontal |
| 2               | 4772.25         | 42.63          | -45.56      | 31.04    | -67.15      | -13.00      | 54.15       | Horizontal |
| 3               | 6104.25         | 42.96          | -44.46      | 32.75    | -64.01      | -13.00      | 51.01       | Horizontal |
| 4               | 6963.75         | 41.66          | -43.75      | 34.93    | -62.41      | -13.00      | 49.41       | Horizontal |
| 5               | 8538.75         | 38.84          | -41.51      | 36.78    | -61.15      | -13.00      | 48.15       | Horizontal |
| 6               | 11202           | 33.32          | -37.39      | 38.70    | -60.63      | -13.00      | 47.63       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 3423            | 48.42          | -46.28      | 28.52    | -64.59      | -13.00      | 51.59       | Vertical |
| 2               | 4593.75         | 43.32          | -45.67      | 30.75    | -66.86      | -13.00      | 53.86       | Vertical |
| 3               | 5486.25         | 42.41          | -45.25      | 32.28    | -65.82      | -13.00      | 52.82       | Vertical |
| 4               | 6939.75         | 41.12          | -43.88      | 34.89    | -63.13      | -13.00      | 50.13       | Vertical |
| 5               | 8424            | 38.85          | -41.49      | 36.85    | -61.06      | -13.00      | 48.06       | Vertical |
| 6               | 10665           | 34.50          | -38.09      | 38.57    | -60.28      | -13.00      | 47.28       | Vertical |

**Test Band = WCDMA Band4\_ TM1**

**Test Channel = Mid**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 3463.5          | 48.28          | -46.27      | 28.56    | -64.68      | -13.00      | 51.68       | Horizontal |
| 2               | 4467.75         | 43.33          | -45.75      | 30.52    | -67.15      | -13.00      | 54.15       | Horizontal |
| 3               | 5549.25         | 42.46          | -45.16      | 32.31    | -65.65      | -13.00      | 52.65       | Horizontal |
| 4               | 6609.75         | 41.13          | -44.30      | 34.30    | -64.13      | -13.00      | 51.13       | Horizontal |
| 5               | 8081.25         | 39.23          | -41.55      | 37.05    | -60.52      | -13.00      | 47.52       | Horizontal |
| 6               | 10121.25        | 35.97          | -39.20      | 38.51    | -59.98      | -13.00      | 46.98       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 3464.25         | 45.48          | -46.27      | 28.56    | -67.48      | -13.00      | 54.48       | Vertical |
| 2               | 4713            | 42.56          | -45.59      | 30.94    | -67.35      | -13.00      | 54.35       | Vertical |
| 3               | 6087.75         | 42.18          | -44.50      | 32.70    | -64.88      | -13.00      | 51.88       | Vertical |
| 4               | 6934.5          | 41.51          | -43.91      | 34.88    | -62.78      | -13.00      | 49.78       | Vertical |
| 5               | 9581.25         | 38.07          | -39.78      | 37.66    | -59.30      | -13.00      | 46.30       | Vertical |
| 6               | 12202.5         | 34.00          | -37.49      | 39.16    | -59.59      | -13.00      | 46.59       | Vertical |

**Test Band = WCDMA Band4\_ TM1**  
**Test Channel = High**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 3503.25         | 52.48          | -46.26      | 28.61    | -60.43      | -13.00      | 47.43       | Horizontal |
| 2               | 5230.5          | 42.53          | -45.22      | 31.81    | -66.14      | -13.00      | 53.14       | Horizontal |
| 3               | 6299.25         | 41.59          | -44.54      | 33.42    | -64.79      | -13.00      | 51.79       | Horizontal |
| 4               | 7867.5          | 40.59          | -42.65      | 36.91    | -60.41      | -13.00      | 47.41       | Horizontal |
| 5               | 9551.25         | 38.22          | -39.94      | 37.60    | -59.38      | -13.00      | 46.38       | Horizontal |
| 6               | 12924           | 34.58          | -37.16      | 39.38    | -58.47      | -13.00      | 45.47       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 3504            | 46.92          | -46.25      | 28.61    | -65.99      | -13.00      | 52.99       | Vertical |
| 2               | 5135.25         | 42.22          | -45.34      | 31.64    | -66.73      | -13.00      | 53.73       | Vertical |
| 3               | 6121.5          | 42.44          | -44.52      | 32.81    | -64.52      | -13.00      | 51.52       | Vertical |
| 4               | 7977.75         | 40.35          | -42.45      | 37.07    | -60.30      | -13.00      | 47.30       | Vertical |
| 5               | 10149.75        | 35.92          | -39.31      | 38.51    | -60.13      | -13.00      | 47.13       | Vertical |
| 6               | 11965.5         | 33.96          | -37.45      | 39.08    | -59.66      | -13.00      | 46.66       | Vertical |