

# Appendix B.4

## WCDMA Band IV



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# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Band IV\_EIRP

### 1.1.1 Test Result

| 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          | 21.76                 | -1.80      | 19.96      | <=30  | Pass    |       |      |      |
|         |           |              | 1732.6          | 21.35                 | -1.80      | 19.55      | <=30  | Pass    |       |      |      |
|         |           |              | 1752.6          | 21.21                 | -1.80      | 19.41      | <=30  | Pass    |       |      |      |
|         | HSDPA     |              | Subtest 1       | 1712.4                | 20.01      | -1.80      | 18.21 | <=30    | Pass  |      |      |
|         |           |              | Subtest 2       | 1712.4                | 20.01      | -1.80      | 18.21 | <=30    | Pass  |      |      |
|         |           |              | Subtest 3       | 1712.4                | 20.02      | -1.80      | 18.22 | <=30    | Pass  |      |      |
|         |           |              | Subtest 4       | 1712.4                | 19.94      | -1.80      | 18.14 | <=30    | Pass  |      |      |
|         |           |              | Subtest 1       | 1732.6                | 19.55      | -1.80      | 17.75 | <=30    | Pass  |      |      |
|         |           |              | Subtest 2       | 1732.6                | 19.56      | -1.80      | 17.76 | <=30    | Pass  |      |      |
|         |           |              | Subtest 3       | 1732.6                | 19.56      | -1.80      | 17.76 | <=30    | Pass  |      |      |
|         |           |              | Subtest 4       | 1732.6                | 19.53      | -1.80      | 17.73 | <=30    | Pass  |      |      |
|         |           |              | Subtest 1       | 1752.6                | 19.42      | -1.80      | 17.62 | <=30    | Pass  |      |      |
|         |           |              | Subtest 2       | 1752.6                | 19.41      | -1.80      | 17.61 | <=30    | Pass  |      |      |
|         |           |              | Subtest 3       | 1752.6                | 19.41      | -1.80      | 17.61 | <=30    | Pass  |      |      |
|         |           |              | Subtest 4       | 1752.6                | 19.40      | -1.80      | 17.60 | <=30    | Pass  |      |      |
|         |           |              | HSUPA           |                       | Subtest 1  | 1712.4     | 17.24 | -1.80   | 15.44 | <=30 | Pass |
|         |           |              |                 |                       | Subtest 2  | 1712.4     | 17.43 | -1.80   | 15.63 | <=30 | Pass |
|         |           |              |                 |                       | Subtest 3  | 1712.4     | 17.63 | -1.80   | 15.83 | <=30 | Pass |
|         |           |              |                 |                       | Subtest 4  | 1712.4     | 17.80 | -1.80   | 16.00 | <=30 | Pass |
|         |           |              |                 |                       | Subtest 5  | 1712.4     | 18.13 | -1.80   | 16.33 | <=30 | Pass |
|         | Subtest 1 | 1732.6       |                 |                       | 17.61      | -1.80      | 15.81 | <=30    | Pass  |      |      |
|         | Subtest 2 | 1732.6       |                 |                       | 17.00      | -1.80      | 15.20 | <=30    | Pass  |      |      |
|         | Subtest 3 | 1732.6       |                 |                       | 17.54      | -1.80      | 15.74 | <=30    | Pass  |      |      |
|         | Subtest 4 | 1732.6       |                 |                       | 16.99      | -1.80      | 15.19 | <=30    | Pass  |      |      |
|         | Subtest 5 | 1732.6       |                 |                       | 17.20      | -1.80      | 15.40 | <=30    | Pass  |      |      |
|         | Subtest 1 | 1752.6       |                 |                       | 16.63      | -1.80      | 14.83 | <=30    | Pass  |      |      |
|         | Subtest 2 | 1752.6       |                 |                       | 17.17      | -1.80      | 15.37 | <=30    | Pass  |      |      |
|         | Subtest 3 | 1752.6       |                 |                       | 17.17      | -1.80      | 15.37 | <=30    | Pass  |      |      |
|         | Subtest 4 | 1752.6       | 16.49           | -1.80                 | 14.69      | <=30       | Pass  |         |       |      |      |
|         | Subtest 5 | 1752.6       | 17.32           | -1.80                 | 15.52      | <=30       | Pass  |         |       |      |      |

Note1: EIRP=Conducted Power+Antenna Gain



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## 2. Frequency Stability

### 2.1 Band IV

#### 2.1.1 Test Result

| Band: 4 |                 |            |               |                  |                       |             |         |
|---------|-----------------|------------|---------------|------------------|-----------------------|-------------|---------|
| Network | Frequency (MHz) | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|         |                 |            |               |                  | Result                | Limit       |         |
| RMC     | 1712.4          | 20         | 3.6           | 3.111            | 0.0018                | -2.5 to 2.5 | Pass    |
|         |                 |            | 3.84          | 0.651            | 0.0004                | -2.5 to 2.5 | Pass    |
|         |                 |            | 4.25          | 0.966            | 0.0006                | -2.5 to 2.5 | Pass    |
|         |                 | -30        | 3.84          | 0.622            | 0.0004                | -2.5 to 2.5 | Pass    |
|         |                 | -20        | 3.84          | 1.073            | 0.0006                | -2.5 to 2.5 | Pass    |
|         |                 | -10        | 3.84          | 1.566            | 0.0009                | -2.5 to 2.5 | Pass    |
|         |                 | 0          | 3.84          | 1.159            | 0.0007                | -2.5 to 2.5 | Pass    |
|         |                 | 10         | 3.84          | 1.109            | 0.0006                | -2.5 to 2.5 | Pass    |
|         |                 | 30         | 3.84          | 1.624            | 0.0009                | -2.5 to 2.5 | Pass    |
|         |                 | 40         | 3.84          | 2.131            | 0.0012                | -2.5 to 2.5 | Pass    |
|         | 50              | 3.84       | 1.981         | 0.0012           | -2.5 to 2.5           | Pass        |         |
|         | 1732.6          | 20         | 3.6           | -0.758           | -0.0004               | -2.5 to 2.5 | Pass    |
|         |                 |            | 3.84          | -0.129           | -0.0001               | -2.5 to 2.5 | Pass    |
|         |                 |            | 4.25          | -0.064           | 0.0000                | -2.5 to 2.5 | Pass    |
|         |                 | -30        | 3.84          | 0.286            | 0.0002                | -2.5 to 2.5 | Pass    |
|         |                 | -20        | 3.84          | 0.401            | 0.0002                | -2.5 to 2.5 | Pass    |
|         |                 | -10        | 3.84          | -0.050           | 0.0000                | -2.5 to 2.5 | Pass    |
|         |                 | 0          | 3.84          | 0.379            | 0.0002                | -2.5 to 2.5 | Pass    |
|         |                 | 10         | 3.84          | 0.858            | 0.0005                | -2.5 to 2.5 | Pass    |
|         |                 | 30         | 3.84          | 0.365            | 0.0002                | -2.5 to 2.5 | Pass    |
|         |                 | 40         | 3.84          | 0.250            | 0.0001                | -2.5 to 2.5 | Pass    |
|         | 50              | 3.84       | 0.708         | 0.0004           | -2.5 to 2.5           | Pass        |         |
|         | 1752.6          | 20         | 3.6           | -2.582           | -0.0015               | -2.5 to 2.5 | Pass    |
|         |                 |            | 3.84          | -2.389           | -0.0014               | -2.5 to 2.5 | Pass    |
|         |                 |            | 4.25          | -2.317           | -0.0013               | -2.5 to 2.5 | Pass    |
|         |                 | -30        | 3.84          | -2.096           | -0.0012               | -2.5 to 2.5 | Pass    |
|         |                 | -20        | 3.84          | -2.117           | -0.0012               | -2.5 to 2.5 | Pass    |
|         |                 | -10        | 3.84          | -1.953           | -0.0011               | -2.5 to 2.5 | Pass    |
|         |                 | 0          | 3.84          | -2.747           | -0.0016               | -2.5 to 2.5 | Pass    |
|         |                 | 10         | 3.84          | -2.961           | -0.0017               | -2.5 to 2.5 | Pass    |
| 30      |                 | 3.84       | -3.133        | -0.0018          | -2.5 to 2.5           | Pass        |         |
| 40      |                 | 3.84       | -2.167        | -0.0012          | -2.5 to 2.5           | Pass        |         |
| 50      | 3.84            | -3.133     | -0.0018       | -2.5 to 2.5      | Pass                  |             |         |
| HSDPA   | 1712.4          | 20         | 3.6           | 0.508            | 0.0003                | -2.5 to 2.5 | Pass    |
|         |                 |            | 3.84          | -0.794           | -0.0005               | -2.5 to 2.5 | Pass    |
|         |                 |            | 4.25          | -0.250           | -0.0001               | -2.5 to 2.5 | Pass    |
|         |                 | -30        | 3.84          | -0.122           | -0.0001               | -2.5 to 2.5 | Pass    |
|         |                 | -20        | 3.84          | -0.329           | -0.0002               | -2.5 to 2.5 | Pass    |
|         |                 | -10        | 3.84          | -0.257           | -0.0002               | -2.5 to 2.5 | Pass    |



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Table with columns for test parameters (0, 10, 30, 40, 50, 20, -30, -20, -10) and results (3.84, -0.200, -0.0001, -2.5 to 2.5, Pass). Rows are grouped by test ID (1732.6, 1752.6, 1712.4, 1732.6) and HSUPA.



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|        |      |       |        |             |             |      |
|--------|------|-------|--------|-------------|-------------|------|
| 1752.6 | 20   | 3.6   | 1.631  | 0.0009      | -2.5 to 2.5 | Pass |
|        |      | 3.84  | 2.983  | 0.0017      | -2.5 to 2.5 | Pass |
|        |      | 4.25  | 0.587  | 0.0003      | -2.5 to 2.5 | Pass |
|        | -30  | 3.84  | 2.925  | 0.0017      | -2.5 to 2.5 | Pass |
|        | -20  | 3.84  | 0.336  | 0.0002      | -2.5 to 2.5 | Pass |
|        | -10  | 3.84  | 1.502  | 0.0009      | -2.5 to 2.5 | Pass |
|        | 0    | 3.84  | 3.047  | 0.0017      | -2.5 to 2.5 | Pass |
|        | 10   | 3.84  | 0.458  | 0.0003      | -2.5 to 2.5 | Pass |
|        | 30   | 3.84  | 3.791  | 0.0022      | -2.5 to 2.5 | Pass |
|        | 40   | 3.84  | 3.304  | 0.0019      | -2.5 to 2.5 | Pass |
| 50     | 3.84 | 3.533 | 0.0020 | -2.5 to 2.5 | Pass        |      |



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### 3. Field Strength of Spurious Radiation

Test Band = WCDMA Band IV\_ TM1  
 Test Channel = Low Channel

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 3424.8          | 47.17          | -48.38      | 28.67    | -67.80      | -13.00      | 54.80       | Horizontal |
| 2               | 5137.2          | 45.46          | -47.85      | 31.83    | -65.82      | -13.00      | 52.82       | Horizontal |
| 3               | 6849.6          | 45.36          | -46.81      | 35.27    | -61.44      | -13.00      | 48.44       | Horizontal |
| 4               | 8562            | 44.32          | -44.09      | 36.99    | -58.04      | -13.00      | 45.04       | Horizontal |
| 5               | 10274.4         | 40.18          | -41.40      | 38.75    | -57.73      | -13.00      | 44.73       | Horizontal |
| 6               | 11986.8         | 39.52          | -39.49      | 39.20    | -56.03      | -13.00      | 43.03       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 3424.8          | 45.55          | -48.38      | 28.67    | -69.42      | -13.00      | 56.42       | Vertical |
| 2               | 5137.2          | 45.01          | -47.85      | 31.83    | -66.27      | -13.00      | 53.27       | Vertical |
| 3               | 6849.6          | 45.17          | -46.81      | 35.27    | -61.63      | -13.00      | 48.63       | Vertical |
| 4               | 8562            | 44.11          | -44.09      | 36.99    | -58.25      | -13.00      | 45.25       | Vertical |
| 5               | 10274.4         | 40.61          | -41.40      | 38.75    | -57.30      | -13.00      | 44.30       | Vertical |
| 6               | 11986.8         | 39.62          | -39.49      | 39.20    | -55.93      | -13.00      | 42.93       | Vertical |



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Test Band = WCDMA Band IV\_ TM1

Test Channel = Mid Channel

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 3465.2          | 46.63          | -48.33      | 28.69    | -68.27      | -13.00      | 55.27       | Horizontal |
| 2               | 5197.8          | 45.24          | -47.89      | 31.98    | -65.93      | -13.00      | 52.93       | Horizontal |
| 3               | 6930.4          | 45.87          | -46.69      | 35.45    | -60.63      | -13.00      | 47.63       | Horizontal |
| 4               | 8663            | 44.37          | -44.06      | 37.13    | -57.83      | -13.00      | 44.83       | Horizontal |
| 5               | 10395.6         | 39.56          | -41.24      | 38.86    | -58.08      | -13.00      | 45.08       | Horizontal |
| 6               | 12128.2         | 39.74          | -39.68      | 39.12    | -56.08      | -13.00      | 43.08       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 3465.2          | 44.84          | -48.33      | 28.69    | -70.06      | -13.00      | 57.06       | Vertical |
| 2               | 5197.8          | 45.47          | -47.89      | 31.98    | -65.70      | -13.00      | 52.70       | Vertical |
| 3               | 6930.4          | 45.14          | -46.69      | 35.45    | -61.36      | -13.00      | 48.36       | Vertical |
| 4               | 8663            | 44.06          | -44.06      | 37.13    | -58.14      | -13.00      | 45.14       | Vertical |
| 5               | 10395.6         | 39.88          | -41.24      | 38.86    | -57.76      | -13.00      | 44.76       | Vertical |
| 6               | 12128.2         | 39.66          | -39.68      | 39.12    | -56.16      | -13.00      | 43.16       | Vertical |



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Member of the SGS Group (SGS SA)



Test Band = WCDMA Band IV\_ TM1  
 Test Channel = High Channel

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 3503.25         | 49.60          | -48.29      | 28.70    | -65.25      | -13.00      | 52.25       | Horizontal |
| 2               | 5257.8          | 45.85          | -47.83      | 32.12    | -65.12      | -13.00      | 52.12       | Horizontal |
| 3               | 7010.4          | 45.42          | -46.52      | 35.63    | -60.73      | -13.00      | 47.73       | Horizontal |
| 4               | 8763            | 44.40          | -44.04      | 37.27    | -57.63      | -13.00      | 44.63       | Horizontal |
| 5               | 10515.6         | 40.21          | -40.74      | 38.96    | -56.83      | -13.00      | 43.83       | Horizontal |
| 6               | 12268.2         | 39.03          | -39.76      | 39.04    | -56.95      | -13.00      | 43.95       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 3503.25         | 46.87          | -48.29      | 28.70    | -67.98      | -13.00      | 54.98       | Vertical |
| 2               | 5257.8          | 45.60          | -47.83      | 32.12    | -65.37      | -13.00      | 52.37       | Vertical |
| 3               | 7010.4          | 45.37          | -46.52      | 35.63    | -60.78      | -13.00      | 47.78       | Vertical |
| 4               | 8763            | 44.89          | -44.04      | 37.27    | -57.14      | -13.00      | 44.14       | Vertical |
| 5               | 10515.6         | 39.96          | -40.74      | 38.96    | -57.08      | -13.00      | 44.08       | Vertical |
| 6               | 12268.2         | 39.38          | -39.76      | 39.04    | -56.60      | -13.00      | 43.60       | Vertical |

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.



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#### 4. 99% & 26dB Bandwidth

##### 4.1 Band IV\_OBW

##### 4.1.1 Test Result

| 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          | 4.160                        | /     | Pass    |
|         |         |              | 1752.6          | 4.159                        | /     | Pass    |
|         | HSDPA   | Subtest 1    | 1712.4          | 4.153                        | /     | Pass    |
|         |         |              | 1732.6          | 4.169                        | /     | Pass    |
|         |         |              | 1752.6          | 4.198                        | /     | Pass    |
|         | HSUPA   | Subtest 1    | 1712.4          | 4.166                        | /     | Pass    |
|         |         |              | 1732.6          | 4.187                        | /     | Pass    |
|         |         |              | 1752.6          | 4.187                        | /     | Pass    |

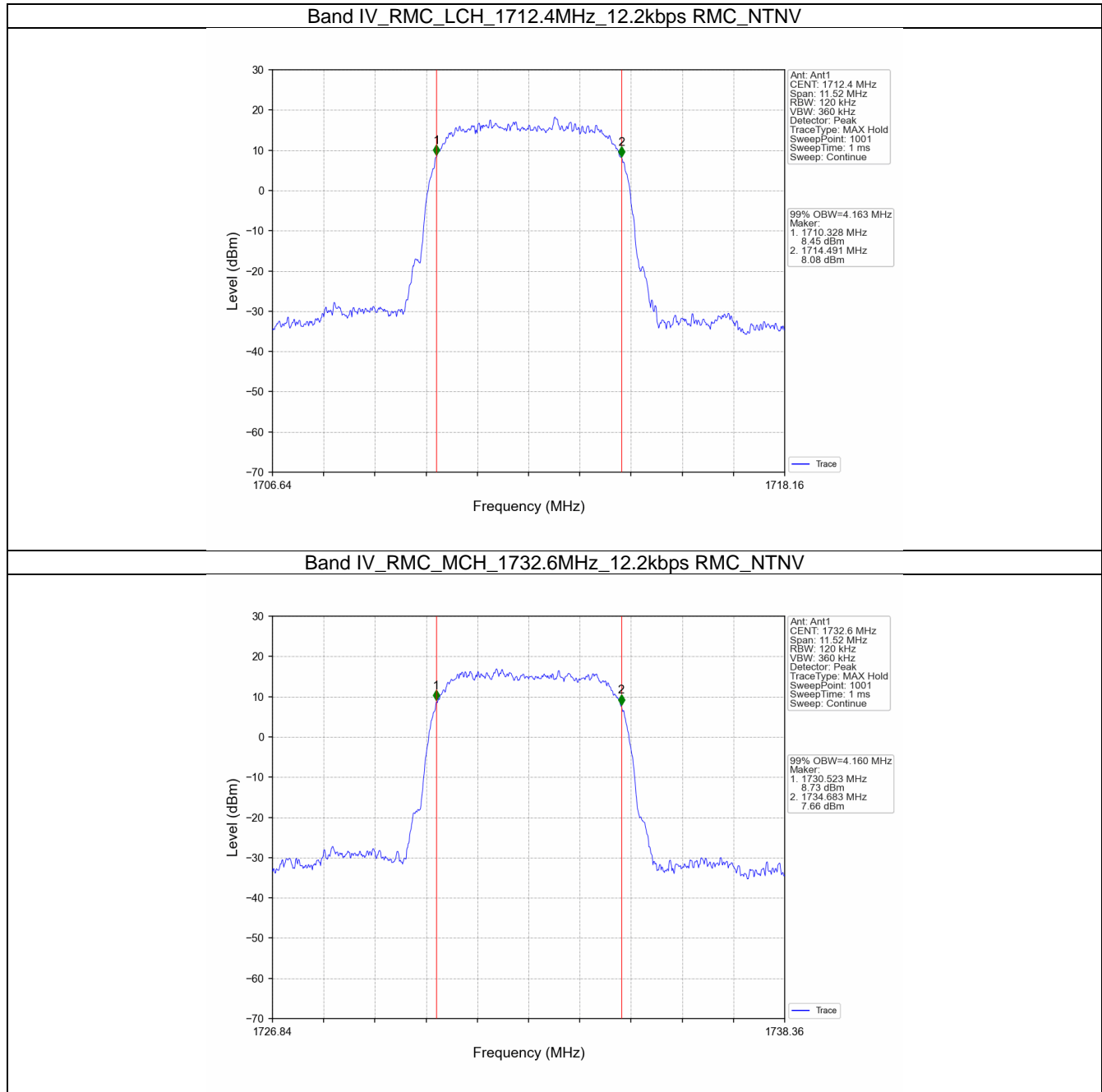


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4.1.2 Test Graph

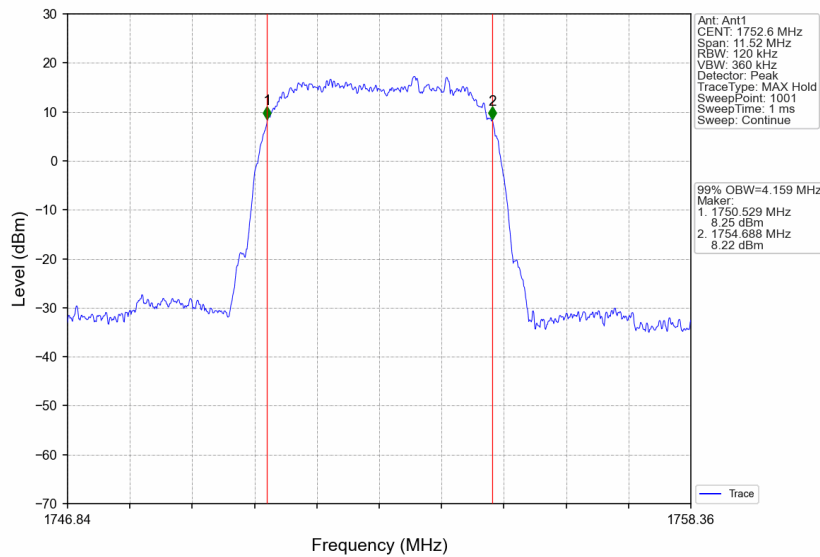


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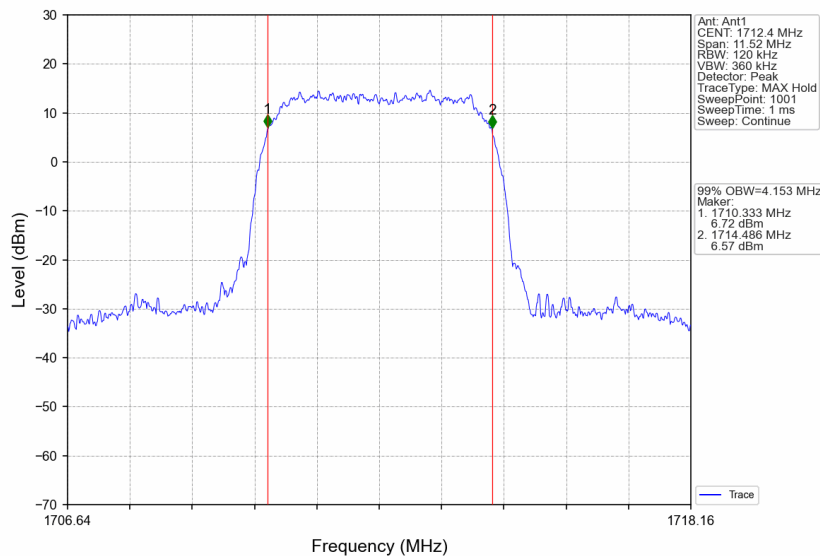
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Band IV\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



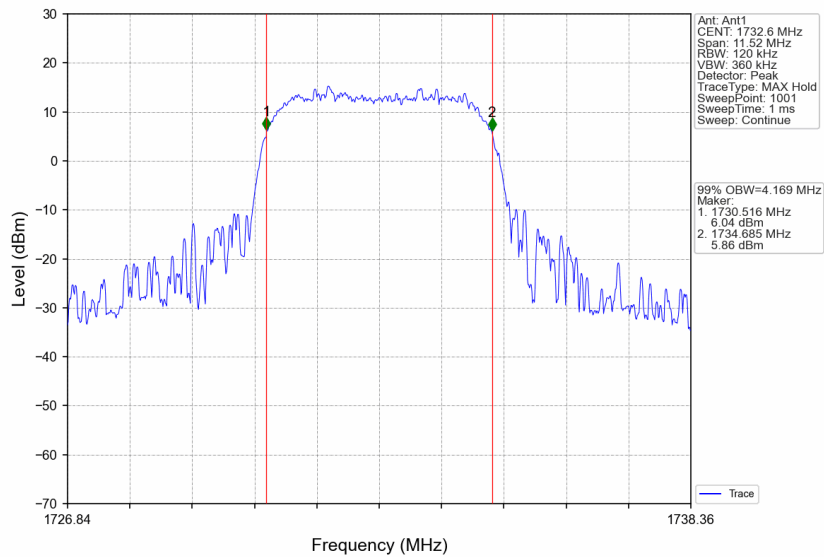
Band IV\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



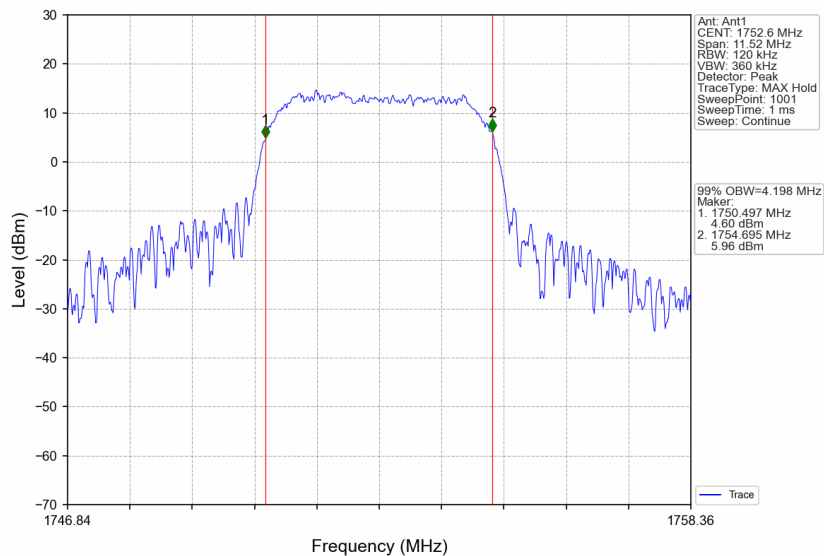
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Band IV\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



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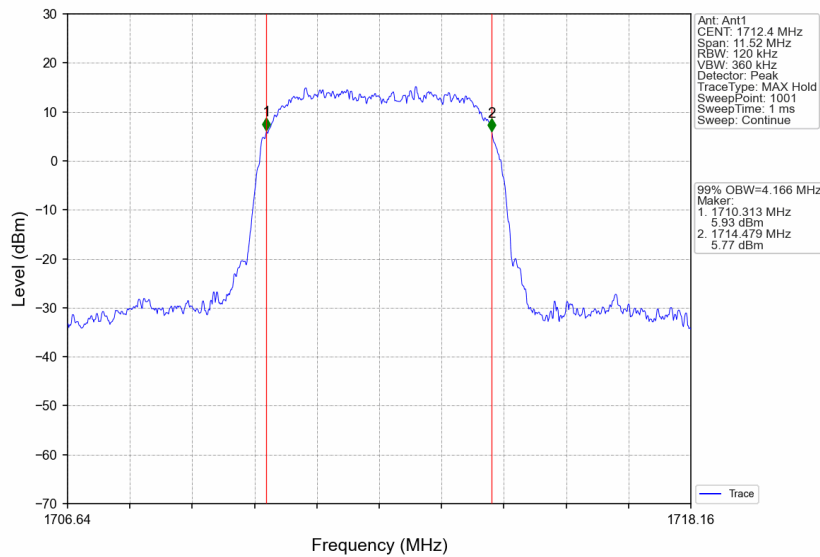
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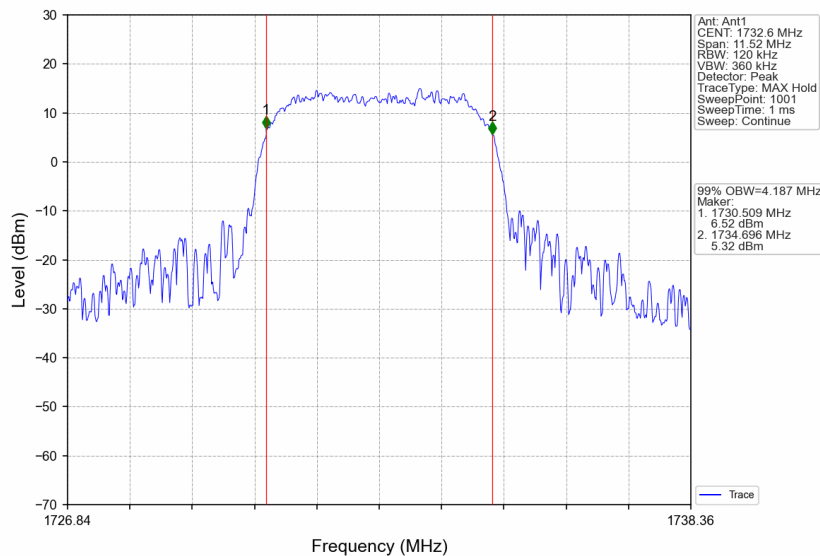
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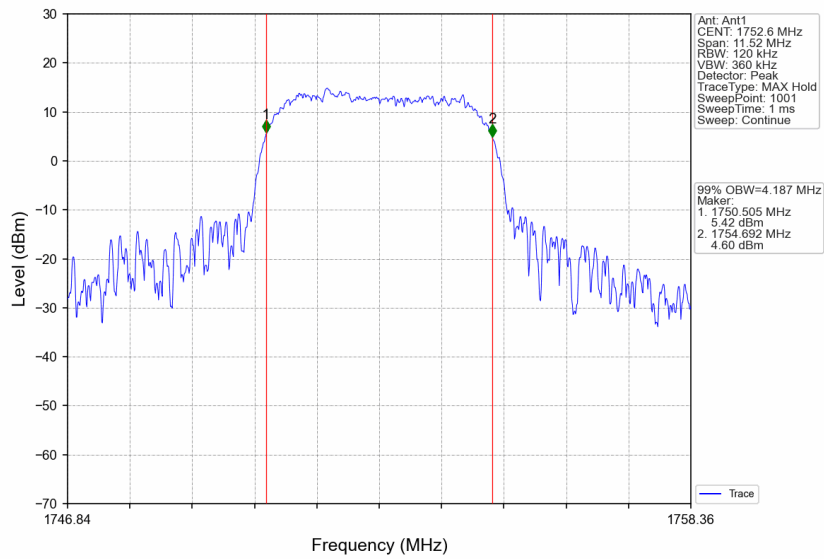
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Band IV\_HSUPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



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4.2 Band IV\_XDB

4.2.1 Test Result

| Band: 4 |         |              |                 |                      |       |         |
|---------|---------|--------------|-----------------|----------------------|-------|---------|
| ENV     | Mode    |              | Frequency (MHz) | 26dB Bandwidth (MHz) |       | Verdict |
|         | Network | Subset       |                 | Result               | Limit |         |
| NTNV    | RMC     | 12.2kbps RMC | 1712.4          | 4.723                | /     | Pass    |
|         |         |              | 1732.6          | 4.727                | /     | Pass    |
|         |         |              | 1752.6          | 4.725                | /     | Pass    |
|         | HSDPA   | Subtest 1    | 1712.4          | 4.738                | /     | Pass    |
|         |         |              | 1732.6          | 5.049                | /     | Pass    |
|         |         |              | 1752.6          | 5.427                | /     | Pass    |
|         | HSUPA   | Subtest 1    | 1712.4          | 4.717                | /     | Pass    |
|         |         |              | 1732.6          | 5.101                | /     | Pass    |
|         |         |              | 1752.6          | 5.089                | /     | Pass    |

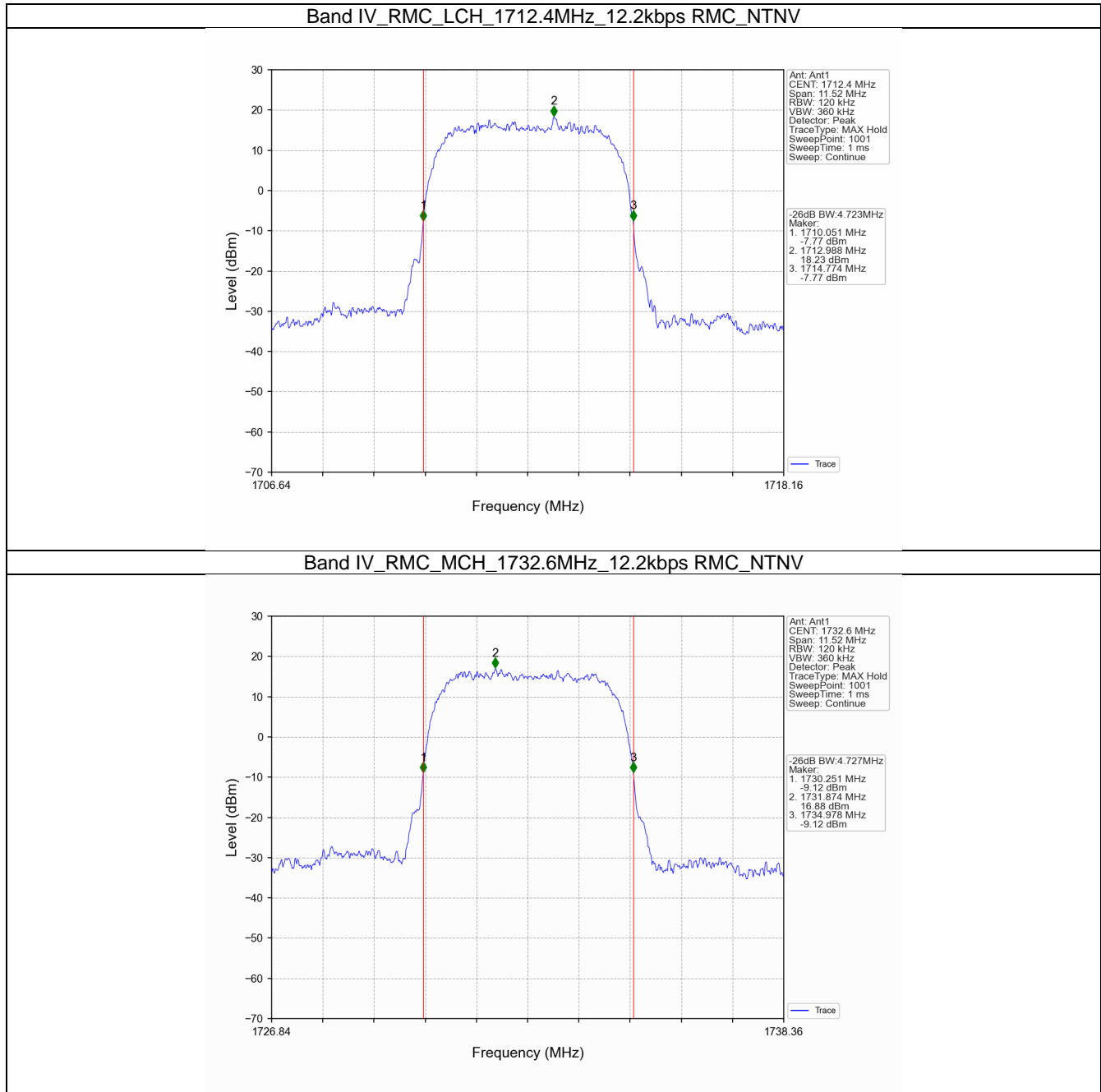


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4.2.2 Test Graph



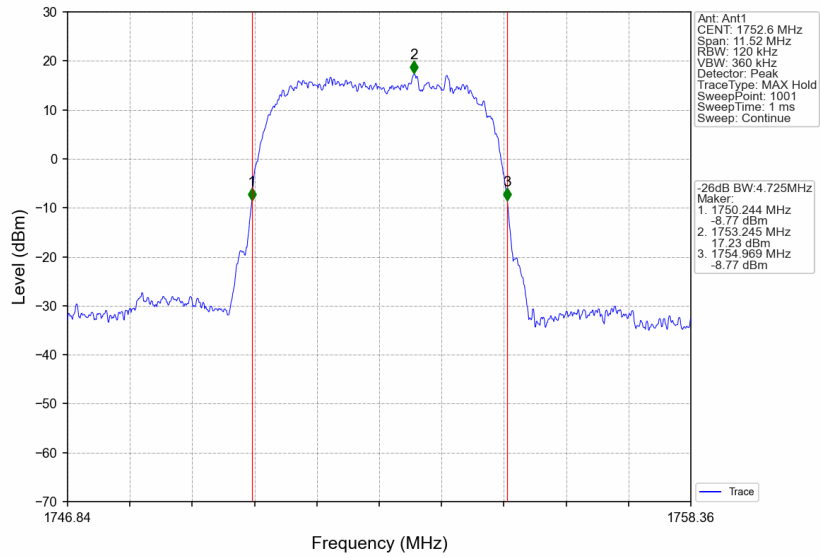
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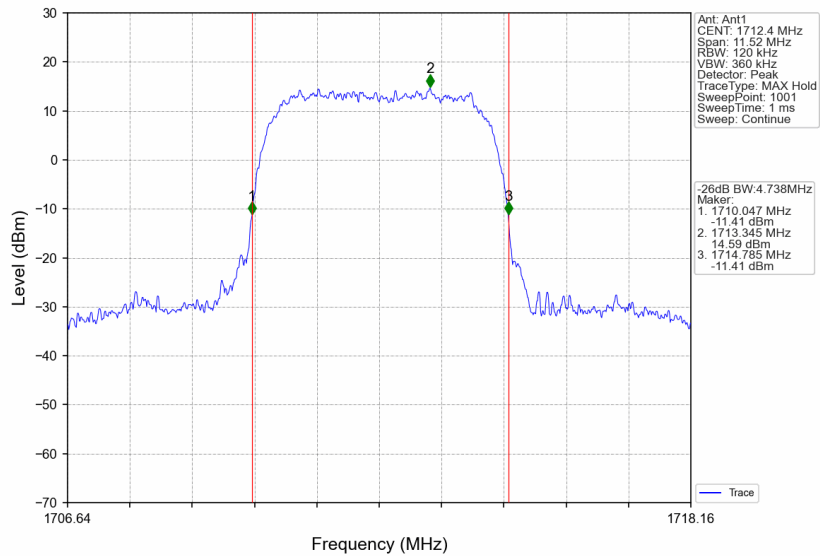
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Band IV\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



Band IV\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



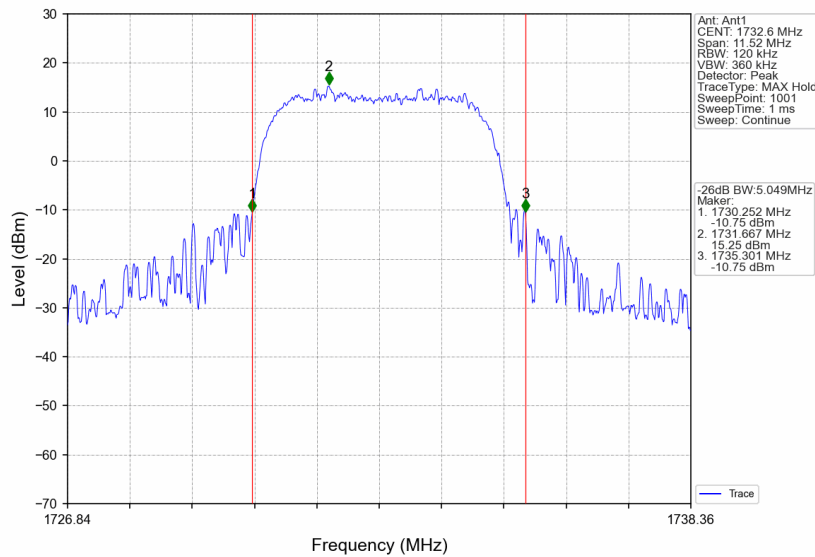
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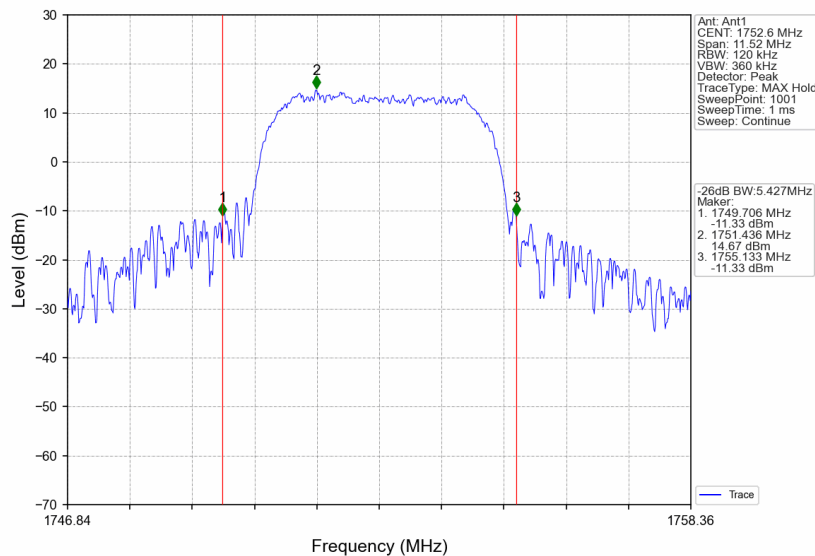
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Band IV\_HSDPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV



Band IV\_HSDPA\_HCH\_1752.6MHz\_Subtest 1\_NTNV



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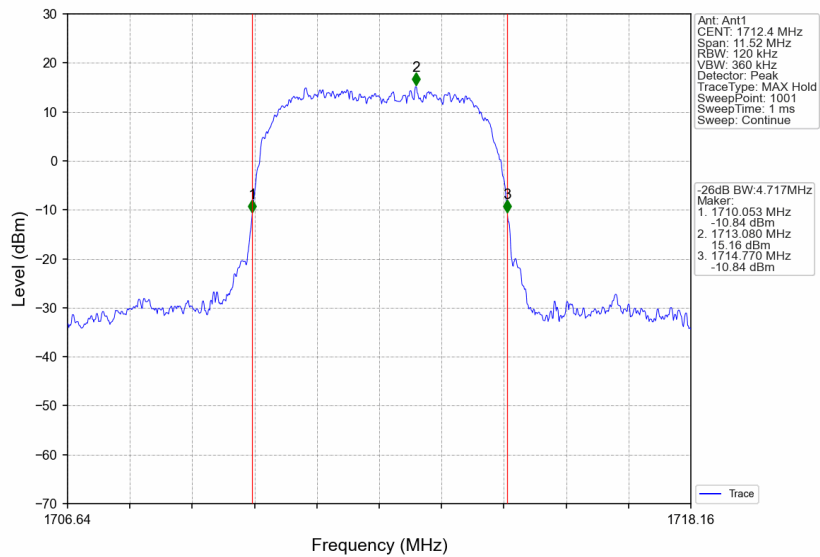
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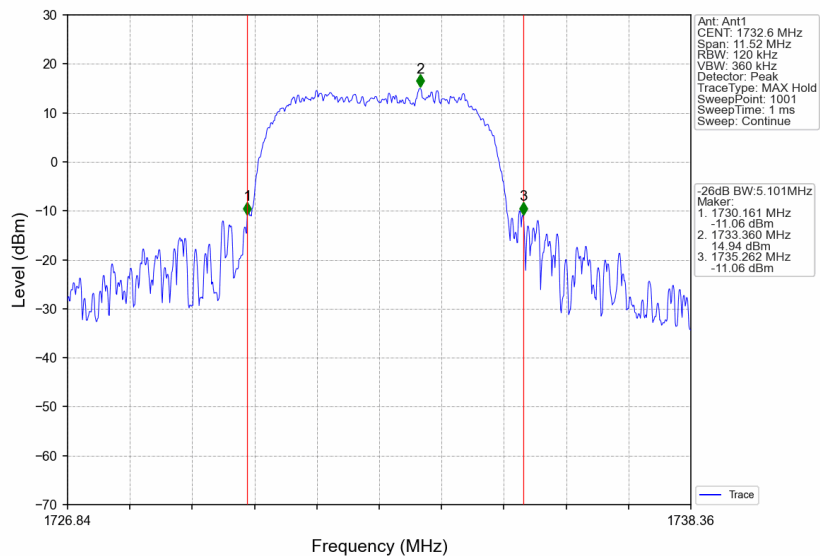
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Band IV\_HSUPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



Band IV\_HSUPA\_MCH\_1732.6MHz\_Subtest 1\_NTNV

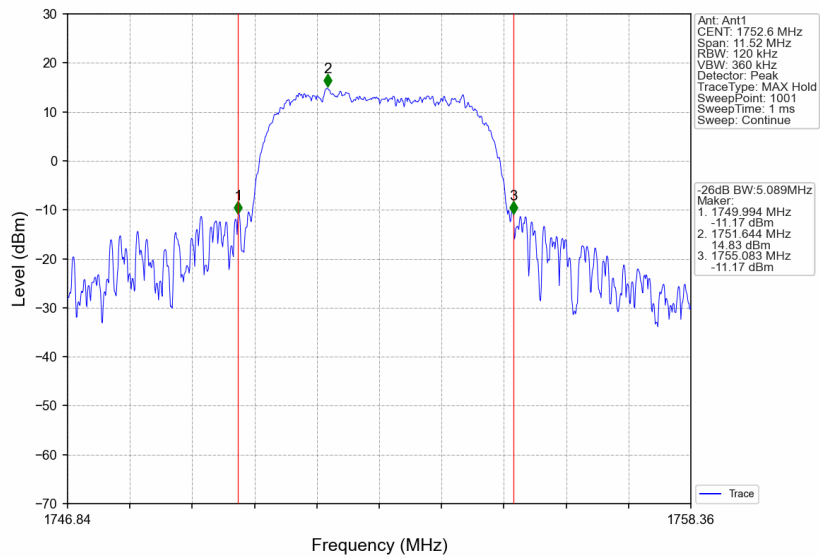


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## 5. Peak-Average Ratio

### 5.1 Band IV

#### 5.1.1 Test Result

| Band: 4 |         |              |                 |                         |       |         |
|---------|---------|--------------|-----------------|-------------------------|-------|---------|
| ENV     | Mode    |              | Frequency (MHz) | Peak-Average Ratio (dB) |       | Verdict |
|         | Network | Subset       |                 | Result                  | Limit |         |
| NTNV    | RMC     | 12.2kbps RMC | 1712.4          | 3.14                    | <=13  | Pass    |
|         |         |              | 1732.6          | 3.12                    | <=13  | Pass    |
|         |         |              | 1752.6          | 3.11                    | <=13  | Pass    |
|         | HSDPA   | Subtest 1    | 1712.4          | 5.81                    | <=13  | Pass    |
|         |         |              | 1732.6          | 5.77                    | <=13  | Pass    |
|         |         |              | 1752.6          | 5.73                    | <=13  | Pass    |
|         | HSUPA   | Subtest 1    | 1712.4          | 5.73                    | <=13  | Pass    |
|         |         |              | 1732.6          | 5.79                    | <=13  | Pass    |
|         |         |              | 1752.6          | 5.79                    | <=13  | Pass    |



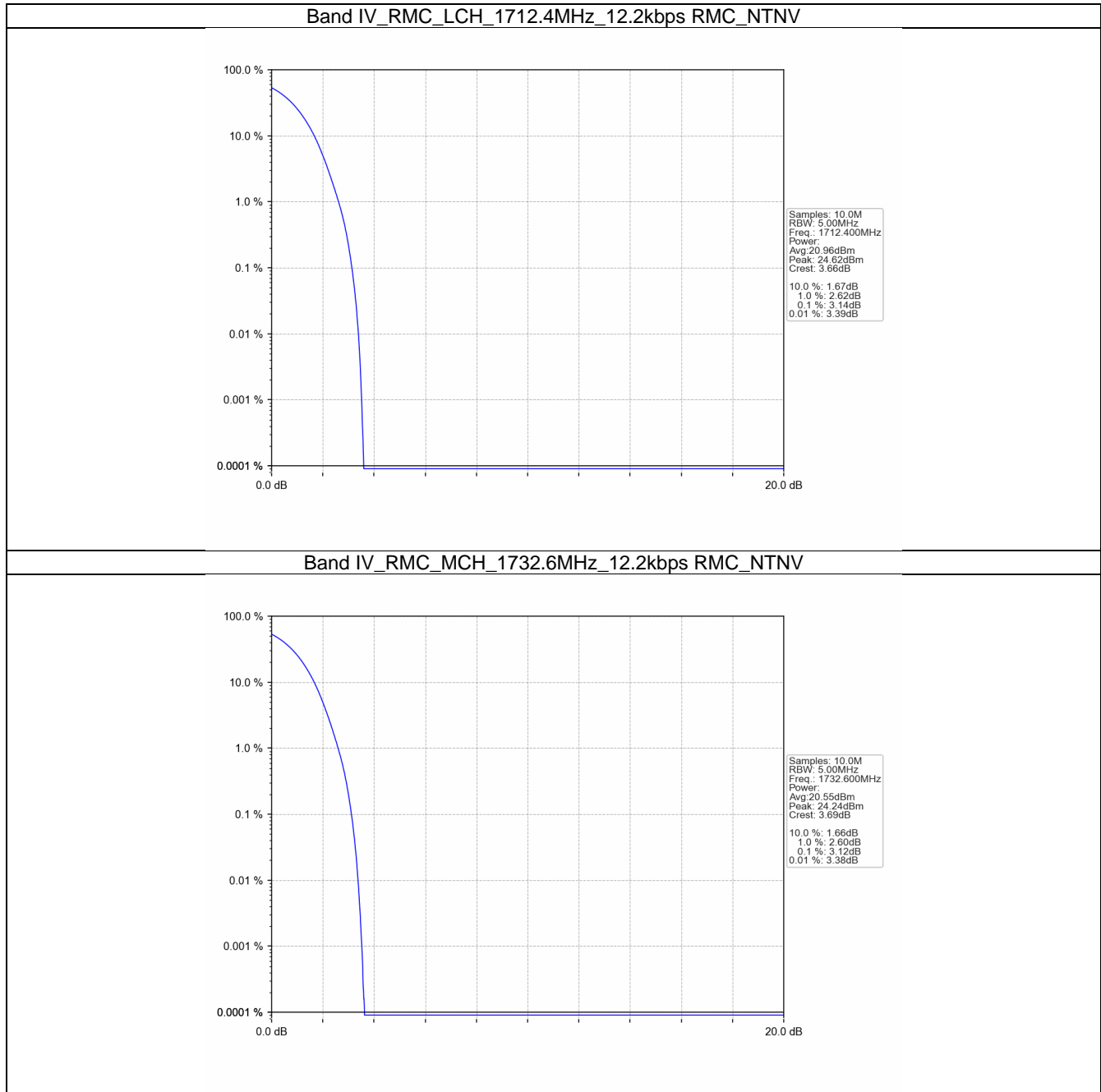
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5.1.2 Test Graph

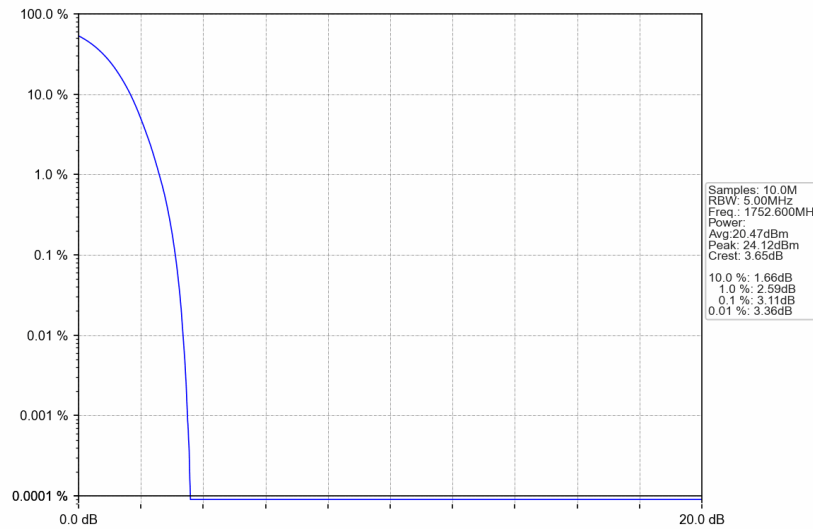


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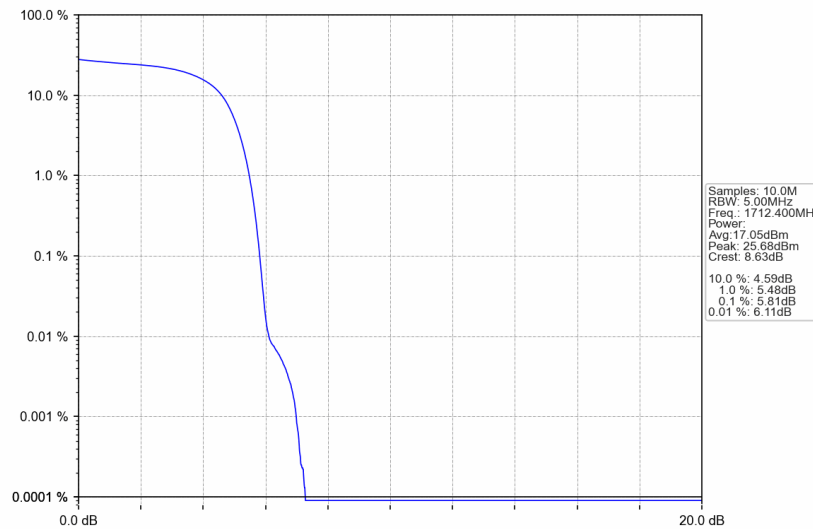
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Band IV\_RMC\_HCH\_1752.6MHz\_12.2kbps RMC\_NTNV



Band IV\_HSDPA\_LCH\_1712.4MHz\_Subtest 1\_NTNV



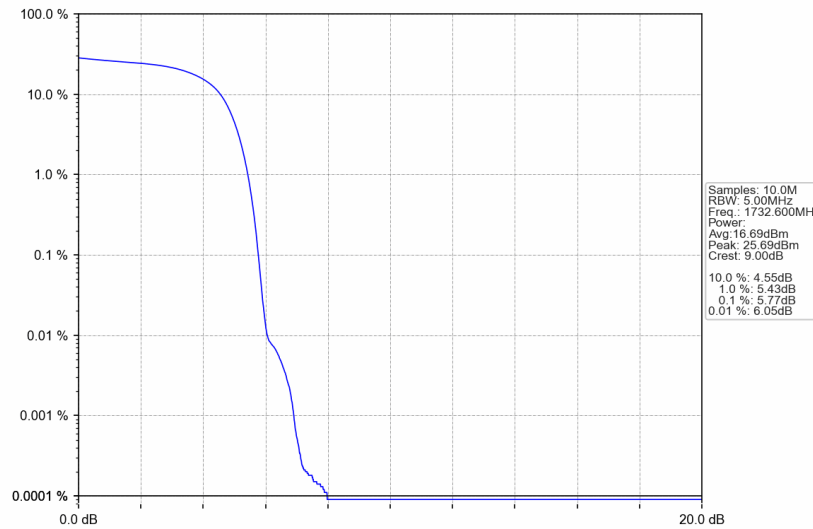
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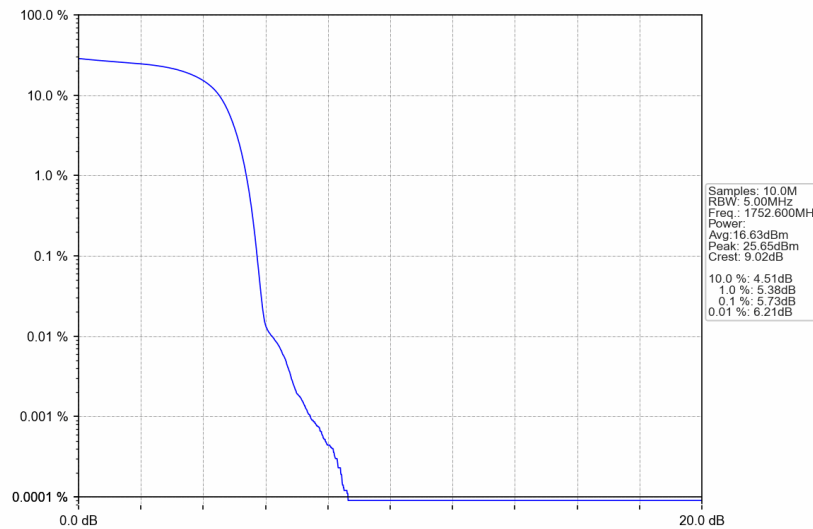
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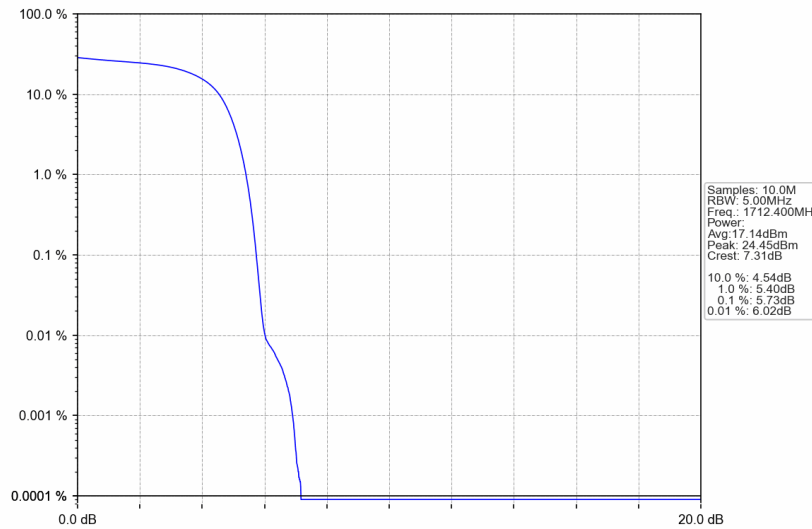
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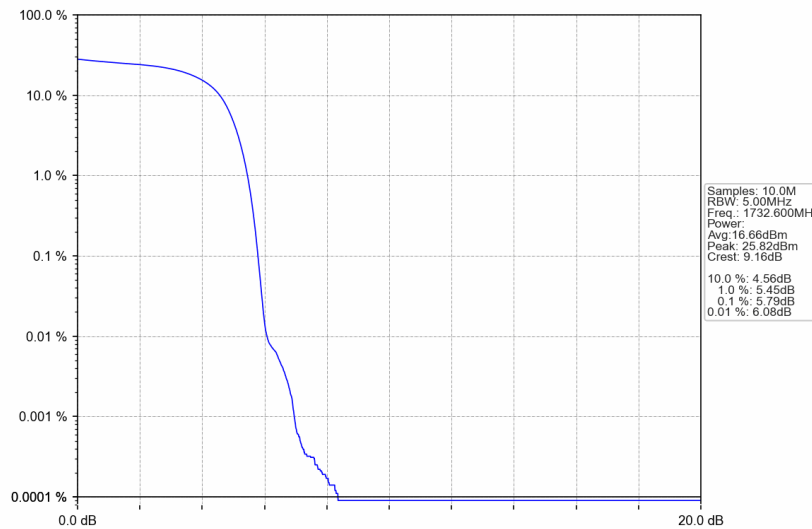
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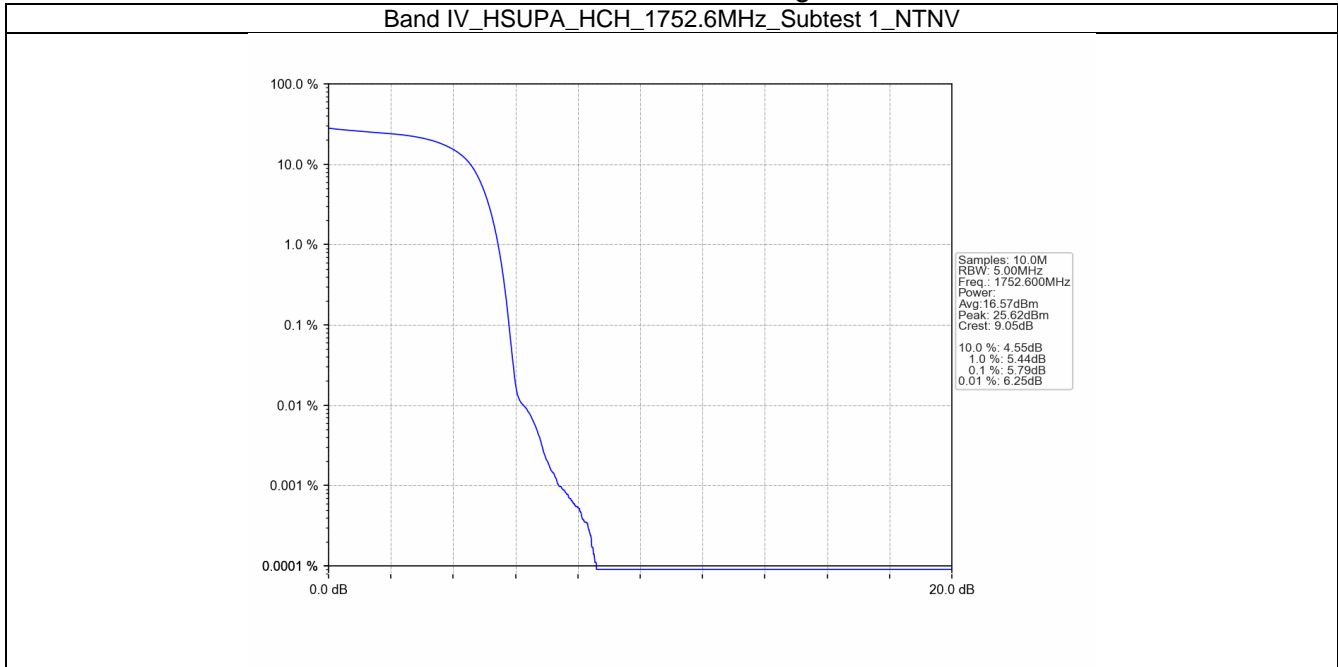
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## 6. Spurious Emission & Band Edges

### 6.1 Band IV

#### 6.1.1 Test Result

| Band: 4 |         |              |                 |                     |       |         |
|---------|---------|--------------|-----------------|---------------------|-------|---------|
| ENV     | Mode    |              | Frequency (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  |         |



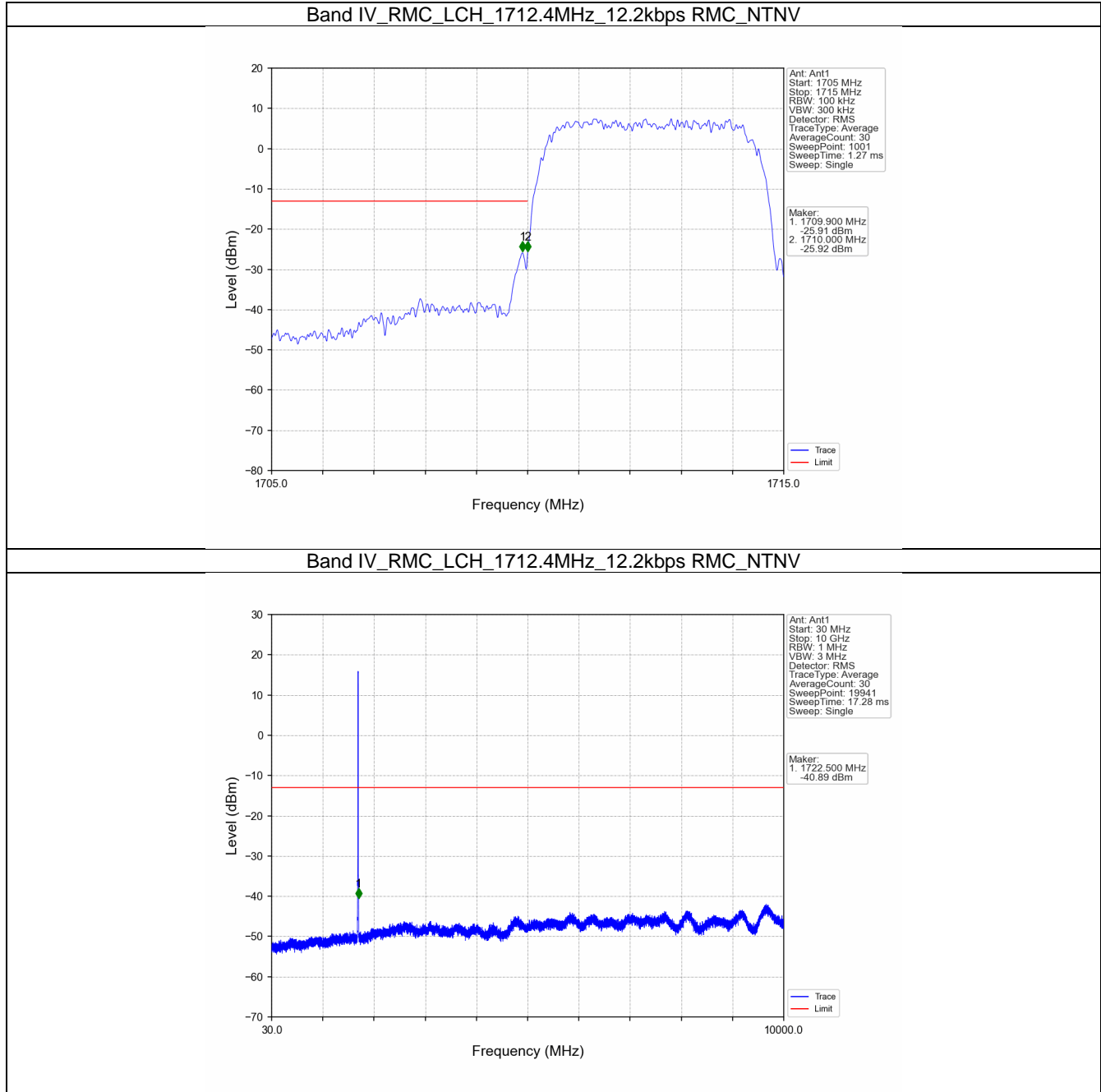
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6.1.2 Test Graph

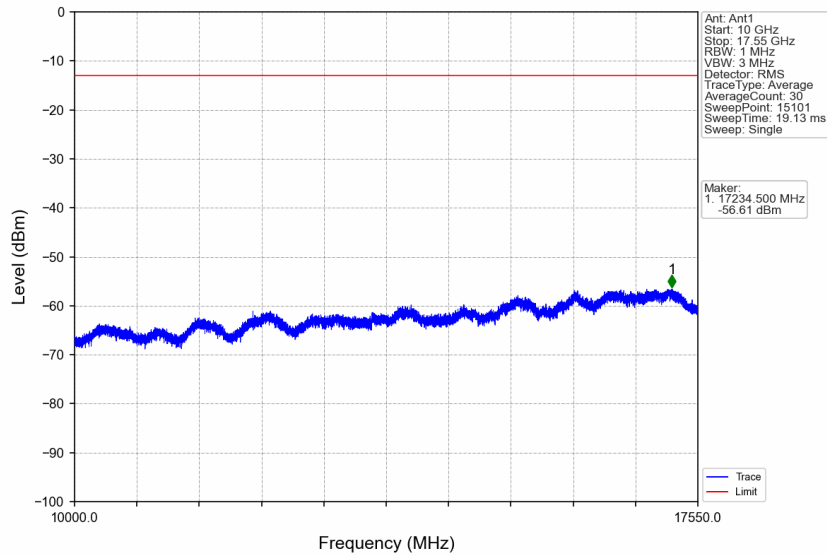


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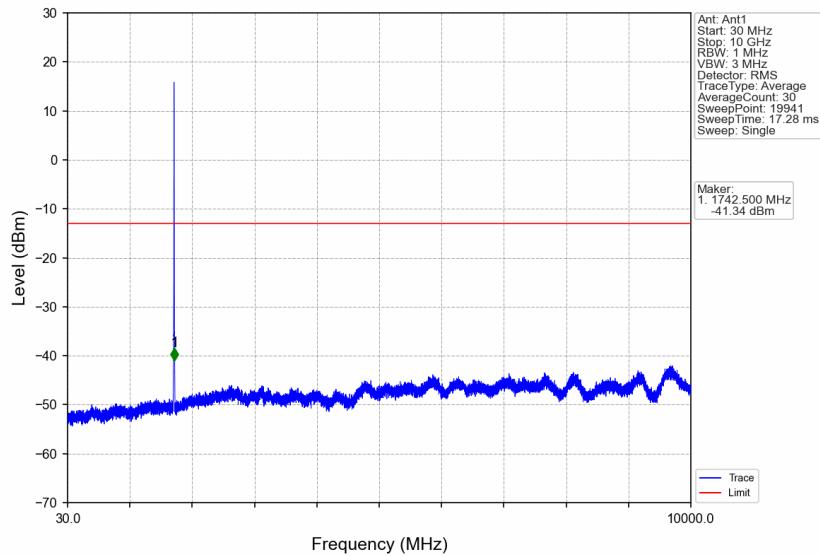
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Band IV\_RMC\_MCH\_1732.6MHz\_12.2kbps RMC\_NTNV



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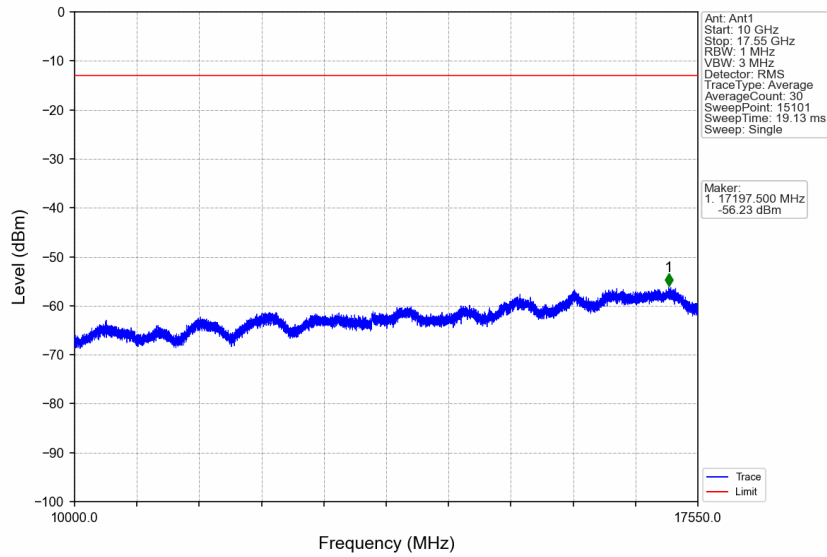
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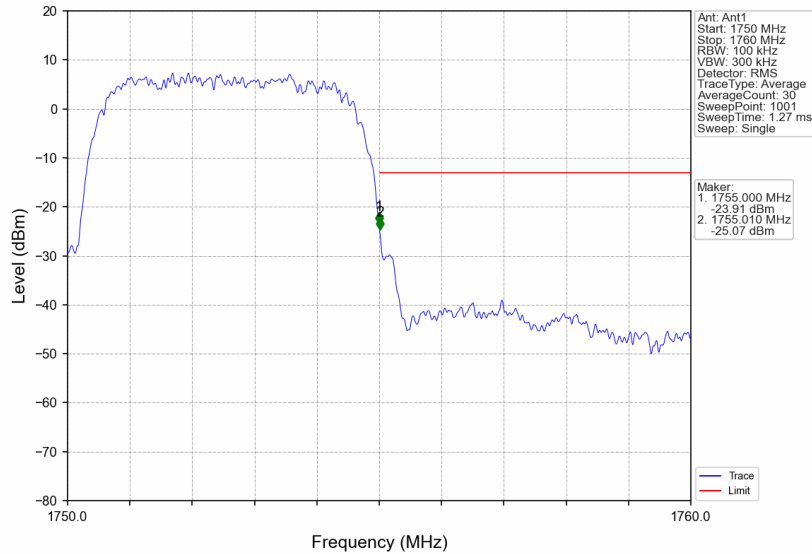
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Band IV\_RMC\_MCH\_1732.6MHz\_12.2kbps RMC\_NTNV



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

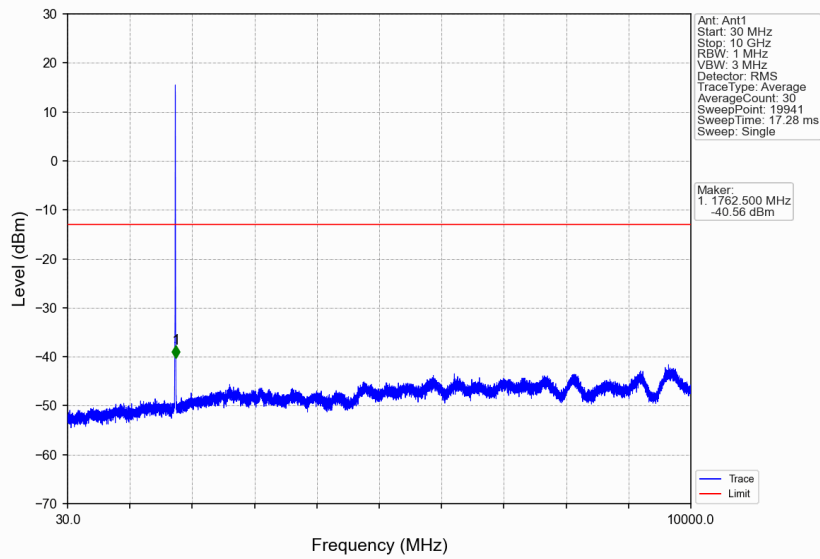


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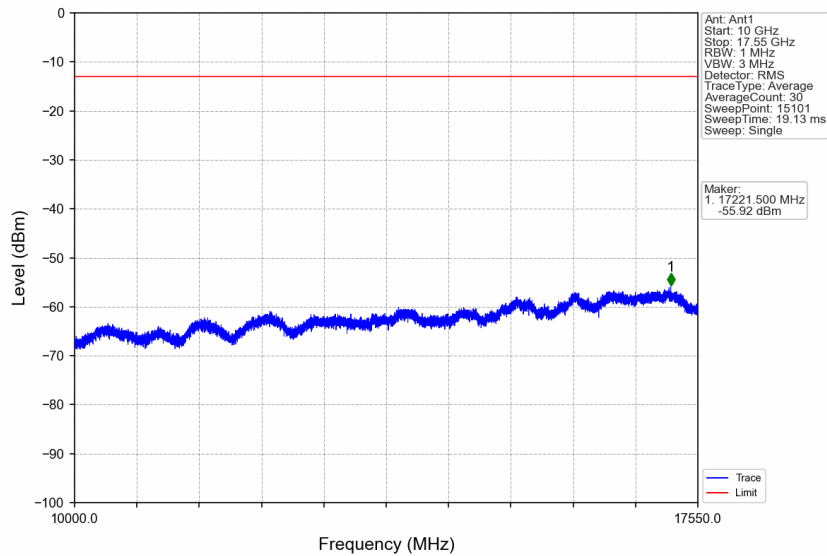
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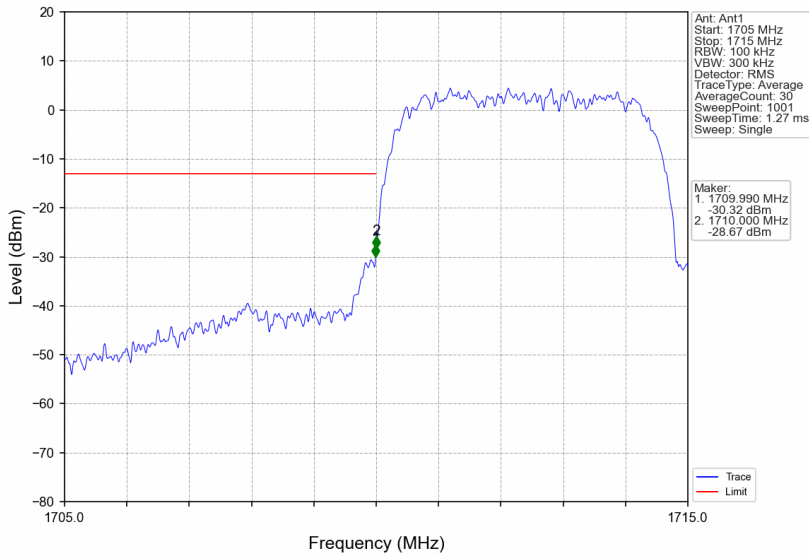
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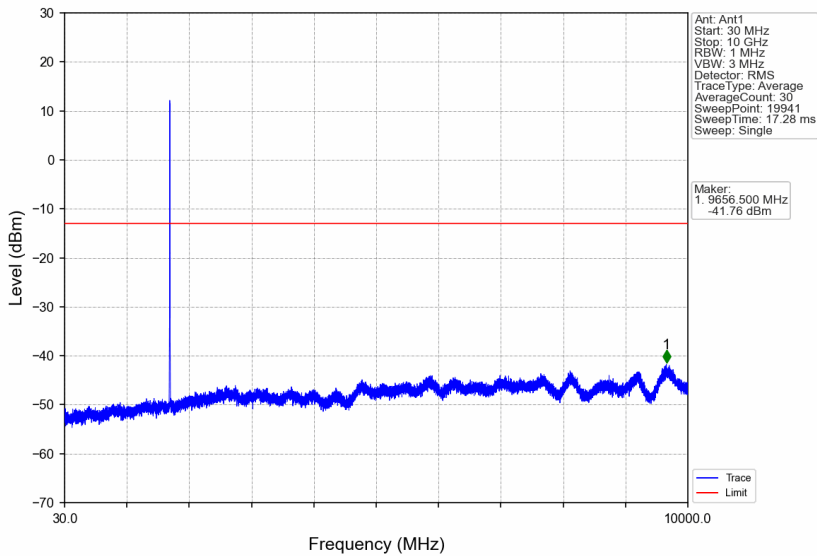
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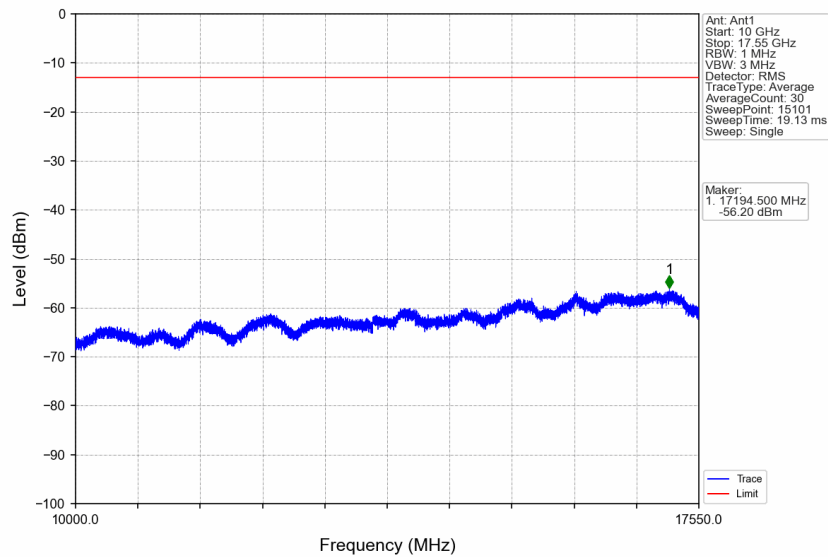
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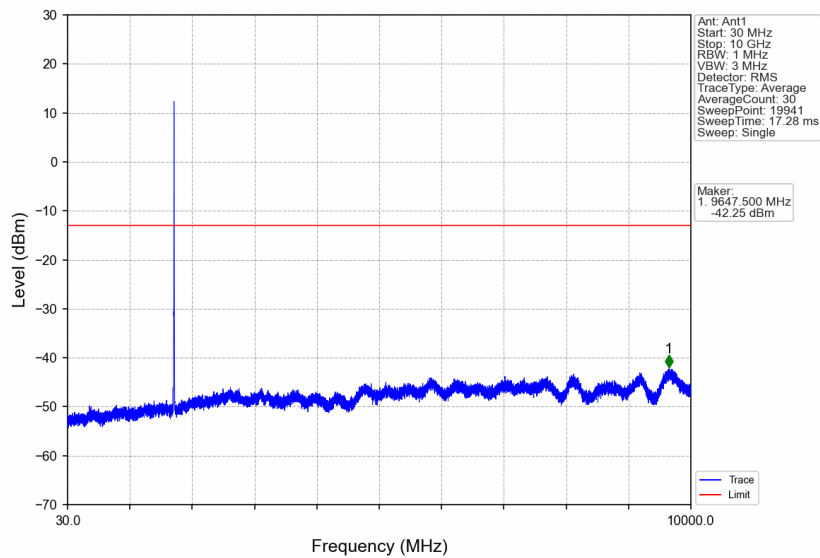
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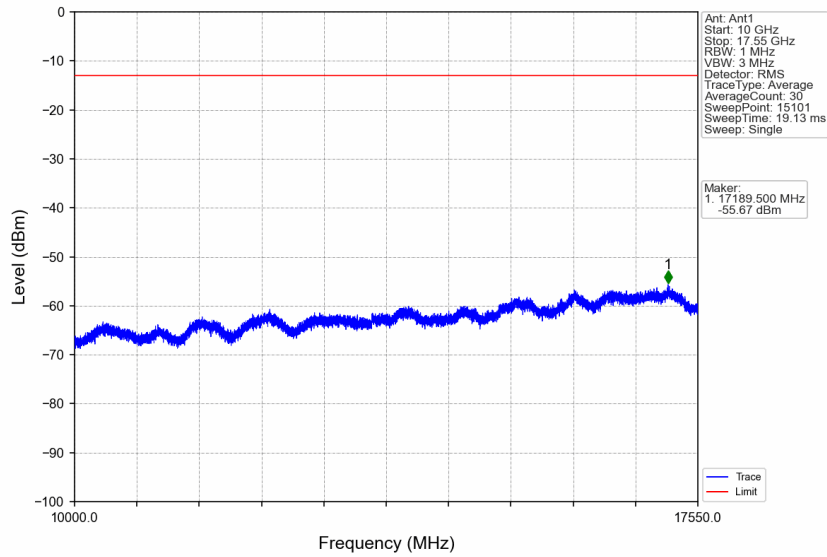
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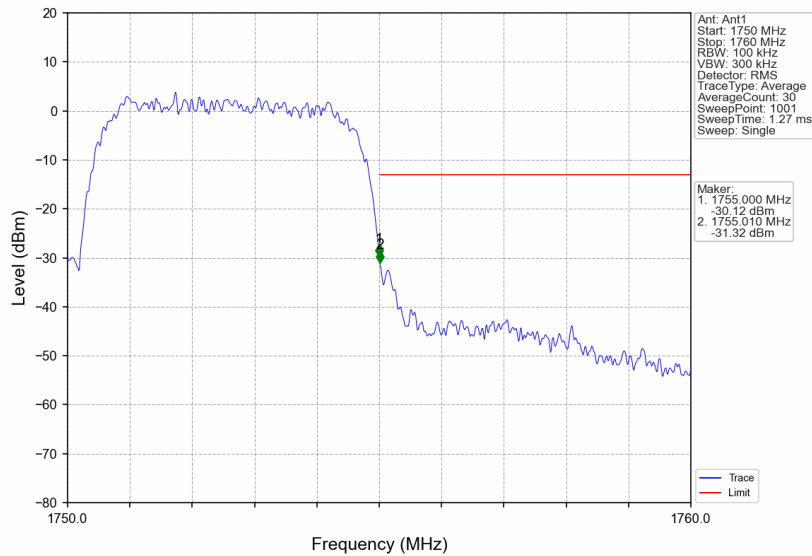
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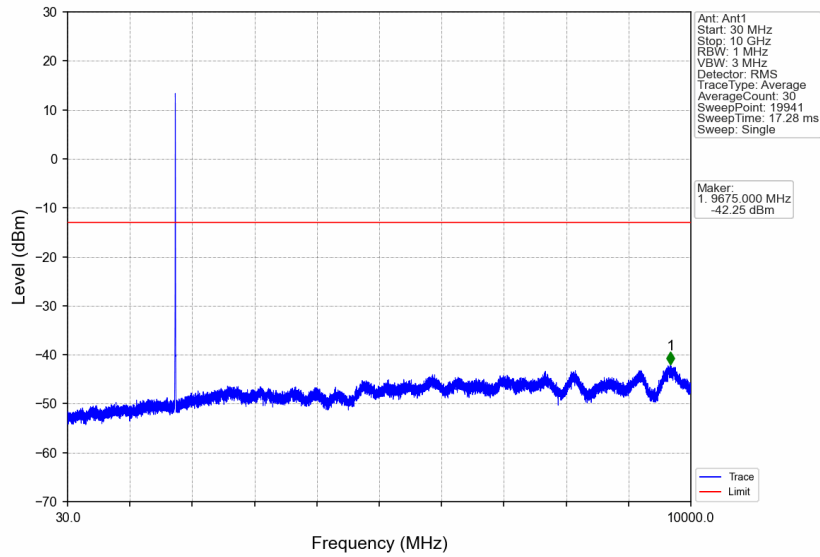


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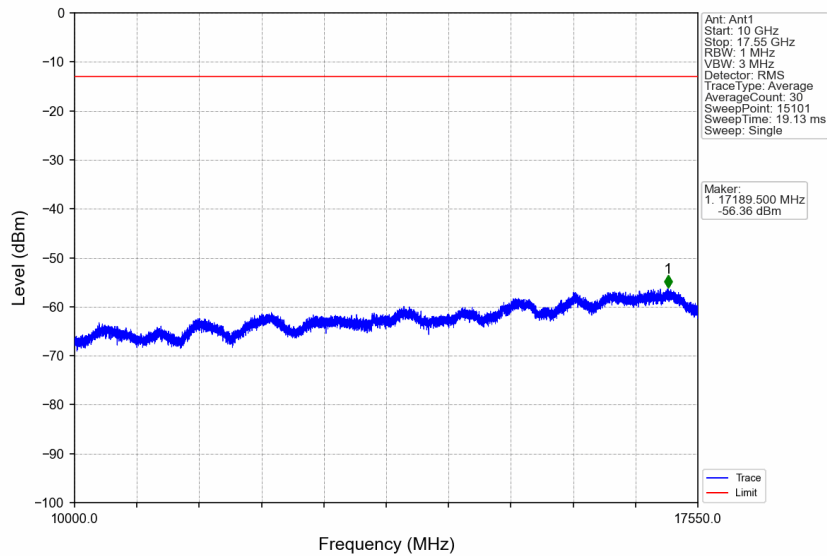
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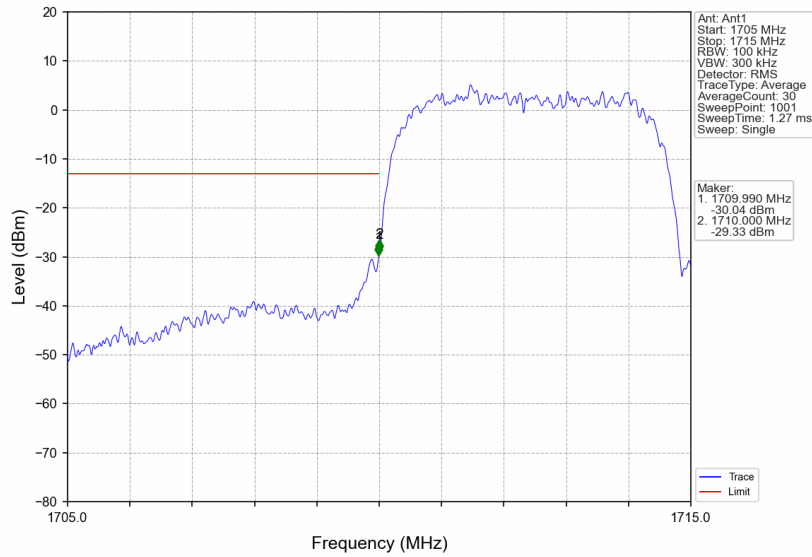
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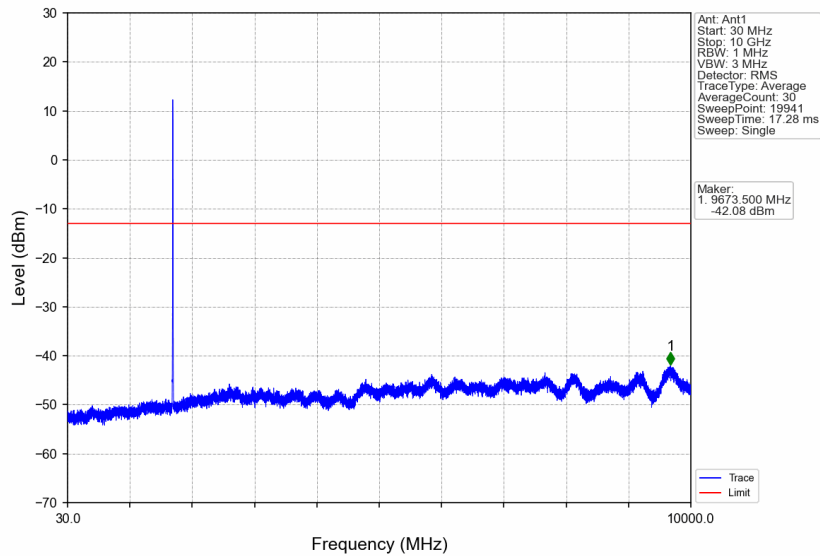
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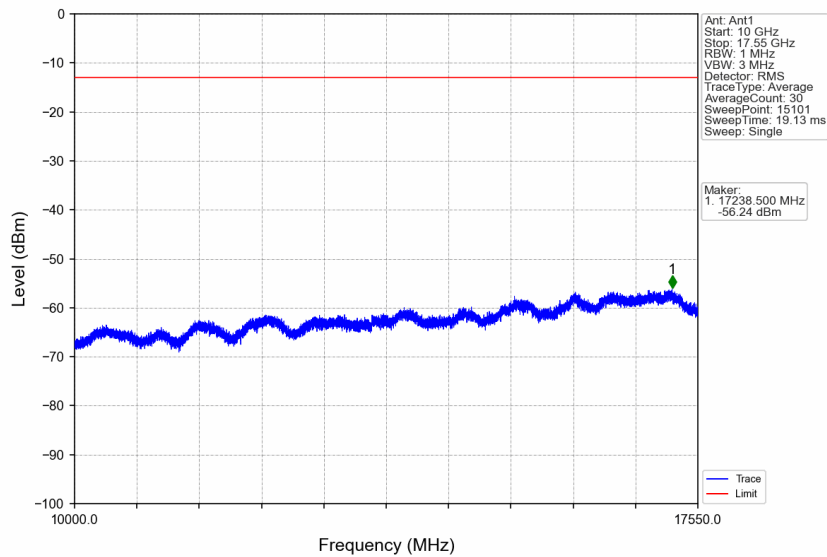
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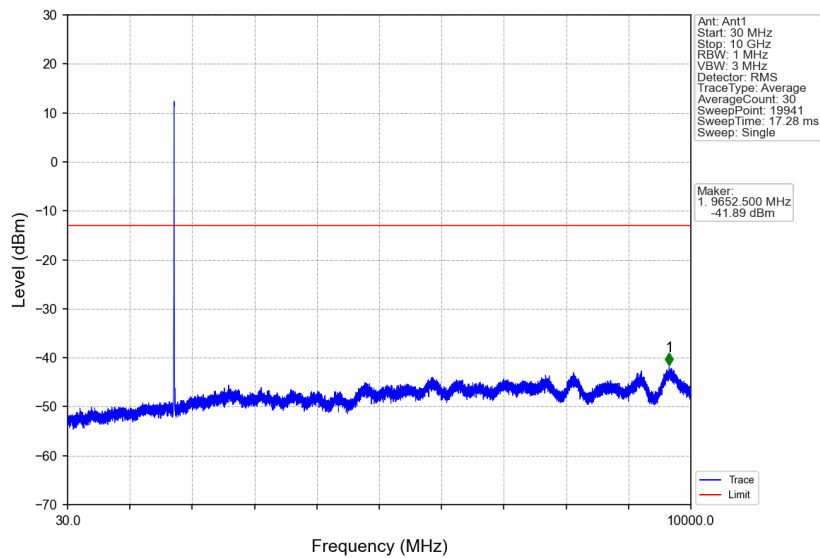
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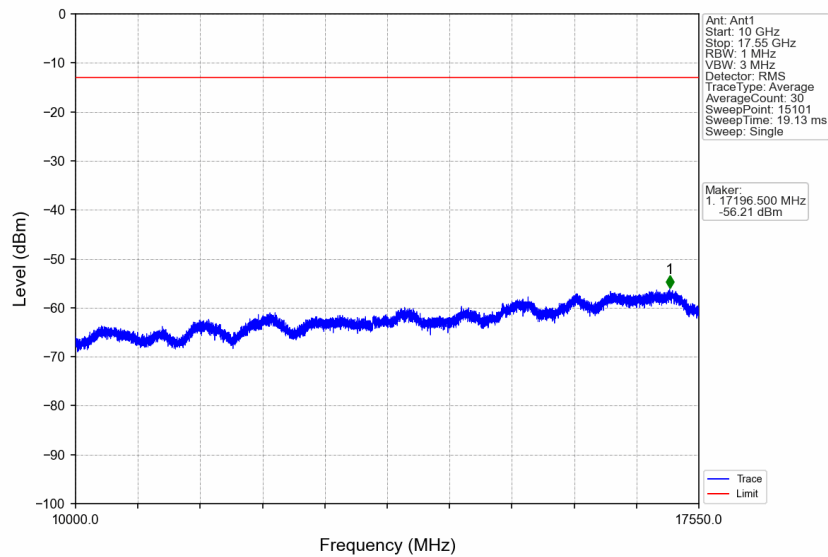
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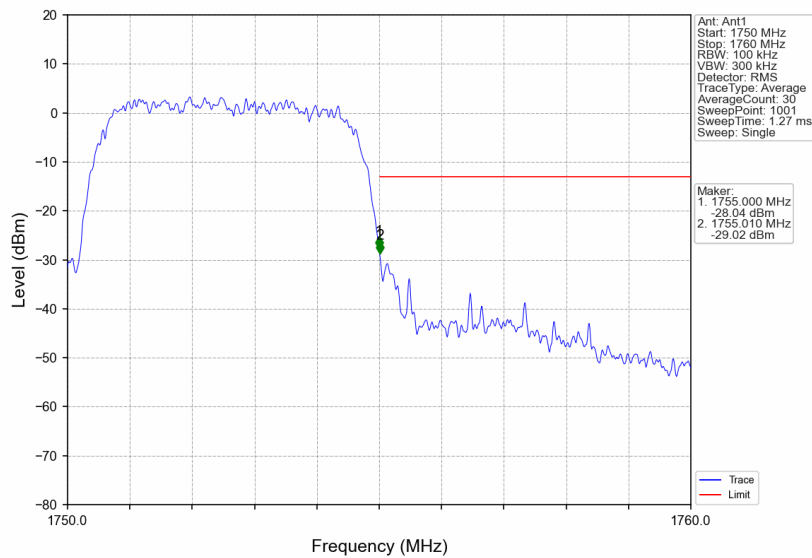
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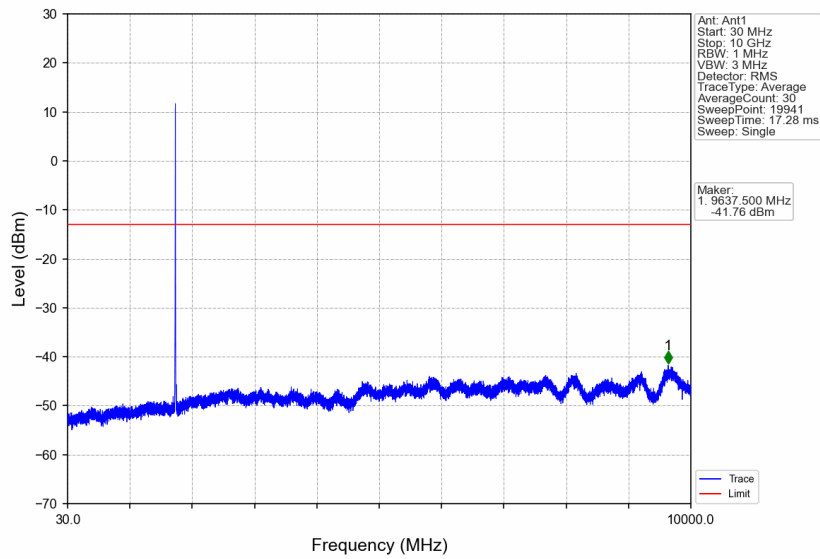
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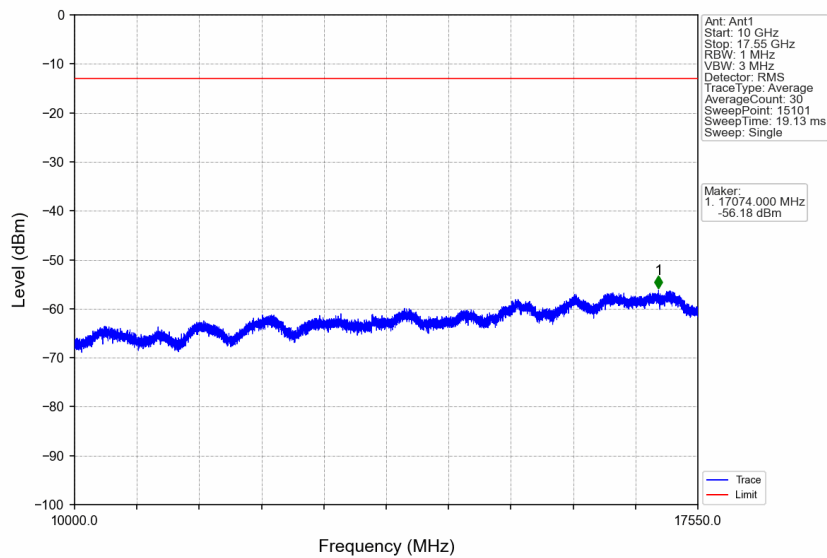
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