

### 1.1.1 B40b 5MHz EIRP

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.2 B40b\_10MHz\_EIRP

| Band: 40b / Bandwidth: 10MHz / NTNV      |                 |               |        |                       |            |            |         |         |
|------------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                               | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                          |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                                     | 2355            | 1             | 0      | 22.03                 | 1.88       | 23.91      | <=23.98 | Pass    |
|                                          |                 |               | 25     | 21.98                 | 1.88       | 23.86      | <=23.98 | Pass    |
|                                          |                 |               | 49     | 21.95                 | 1.88       | 23.83      | <=23.98 | Pass    |
|                                          |                 | 25            | 0      | 21.14                 | 1.88       | 23.02      | <=23.98 | Pass    |
|                                          |                 |               | 13     | 21.37                 | 1.88       | 23.25      | <=23.98 | Pass    |
|                                          |                 |               | 25     | 21.28                 | 1.88       | 23.16      | <=23.98 | Pass    |
|                                          |                 | 50            | 0      | 21.34                 | 1.88       | 23.22      | <=23.98 | Pass    |
| 16QAM                                    | 2355            | 1             | 0      | 21.75                 | 1.88       | 23.63      | <=23.98 | Pass    |
|                                          |                 |               | 25     | 21.70                 | 1.88       | 23.58      | <=23.98 | Pass    |
|                                          |                 |               | 49     | 21.05                 | 1.88       | 22.93      | <=23.98 | Pass    |
|                                          |                 | 25            | 0      | 21.33                 | 1.88       | 23.21      | <=23.98 | Pass    |
|                                          |                 |               | 13     | 21.35                 | 1.88       | 23.23      | <=23.98 | Pass    |
|                                          |                 |               | 25     | 21.41                 | 1.88       | 23.29      | <=23.98 | Pass    |
|                                          |                 | 50            | 0      | 21.30                 | 1.88       | 23.18      | <=23.98 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |                 |               |        |                       |            |            |         |         |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B40b\_10MHz

| Band: 40b / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |       |         |
|------------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------|---------|
| Modulation                   | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |       | Verdict |
|                              |                 | Size          | Offset |            |               |                  | Result                | Limit |         |
| QPSK                         | 2355            | 50            | 0      | 20         | 3.55          | -6.500           | -0.0028               | /     | Pass    |
|                              |                 |               |        |            | 4             | -5.500           | -0.0023               | /     | Pass    |
|                              |                 |               |        |            | 4.4           | -2.400           | -0.0010               | /     | Pass    |
|                              |                 |               |        | -30        | 4             | -5.000           | -0.0021               | /     | Pass    |
|                              |                 |               |        | -20        | 4             | -8.500           | -0.0036               | /     | Pass    |
|                              |                 |               |        | -10        | 4             | -8.200           | -0.0035               | /     | Pass    |
|                              |                 |               |        | 0          | 4             | -9.000           | -0.0038               | /     | Pass    |
|                              |                 |               |        | 10         | 4             | -16.300          | -0.0069               | /     | Pass    |
|                              |                 |               |        | 30         | 4             | -11.900          | -0.0051               | /     | Pass    |
|                              |                 |               |        | 40         | 4             | -3.900           | -0.0017               | /     | Pass    |
| 16QAM                        | 2355            | 50            | 0      | 20         | 3.55          | -9.500           | -0.0040               | /     | Pass    |
|                              |                 |               |        |            | 4             | -1.300           | -0.0006               | /     | Pass    |
|                              |                 |               |        |            | 4.4           | -8.200           | -0.0035               | /     | Pass    |
|                              |                 |               |        | -30        | 4             | -4.000           | -0.0017               | /     | Pass    |
|                              |                 |               |        | -20        | 4             | -10.000          | -0.0042               | /     | Pass    |
|                              |                 |               |        | -10        | 4             | -5.800           | -0.0025               | /     | Pass    |
|                              |                 |               |        | 0          | 4             | -6.000           | -0.0025               | /     | Pass    |
|                              |                 |               |        | 10         | 4             | -11.800          | -0.0050               | /     | Pass    |
|                              |                 |               |        | 30         | 4             | -7.200           | -0.0031               | /     | Pass    |
|                              |                 |               |        | 40         | 4             | 1.600            | 0.0007                | /     | Pass    |
|                              |                 |               |        | 50         | 4             | -9.600           | -0.0041               | /     | Pass    |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band40b\_OBW

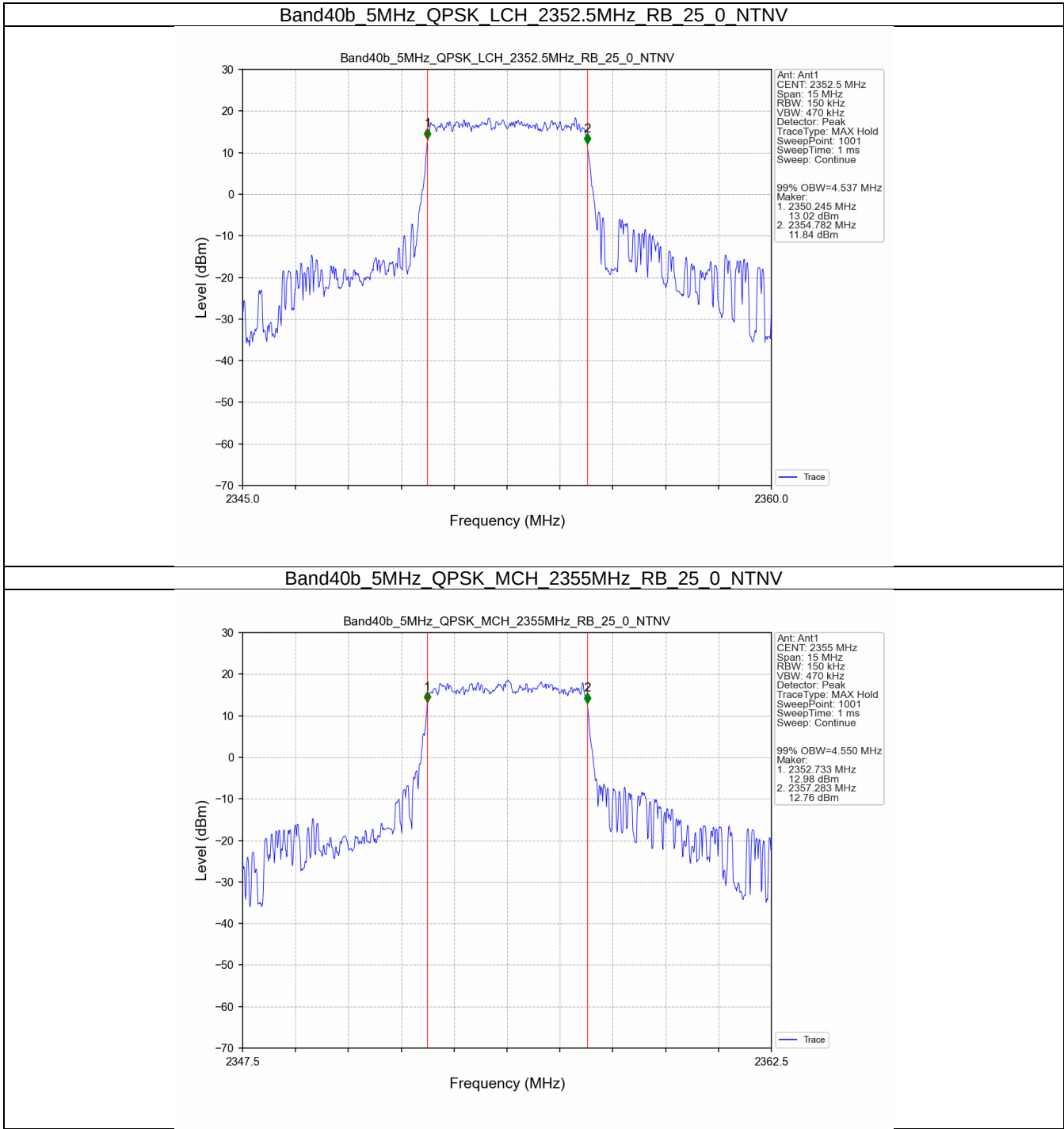
| Band: 40b / NTNV |            |                 |               |        |                              |       |         |
|------------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz)  | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                  |            |                 | Size          | Offset | Result                       | Limit |         |
| 5                | QPSK       | 2352.5          | 25            | 0      | 4.537                        | /     | Pass    |
|                  |            | 2355            | 25            | 0      | 4.550                        | /     | Pass    |
|                  |            | 2357.5          | 25            | 0      | 4.554                        | /     | Pass    |
|                  | 16QAM      | 2352.5          | 25            | 0      | 4.537                        | /     | Pass    |
|                  |            | 2355            | 25            | 0      | 4.542                        | /     | Pass    |
|                  |            | 2357.5          | 25            | 0      | 4.530                        | /     | Pass    |
| 10               | QPSK       | 2355            | 50            | 0      | 9.002                        | /     | Pass    |
|                  | 16QAM      | 2355            | 50            | 0      | 9.056                        | /     | Pass    |

##### 3.1.2 Band40b\_XDB

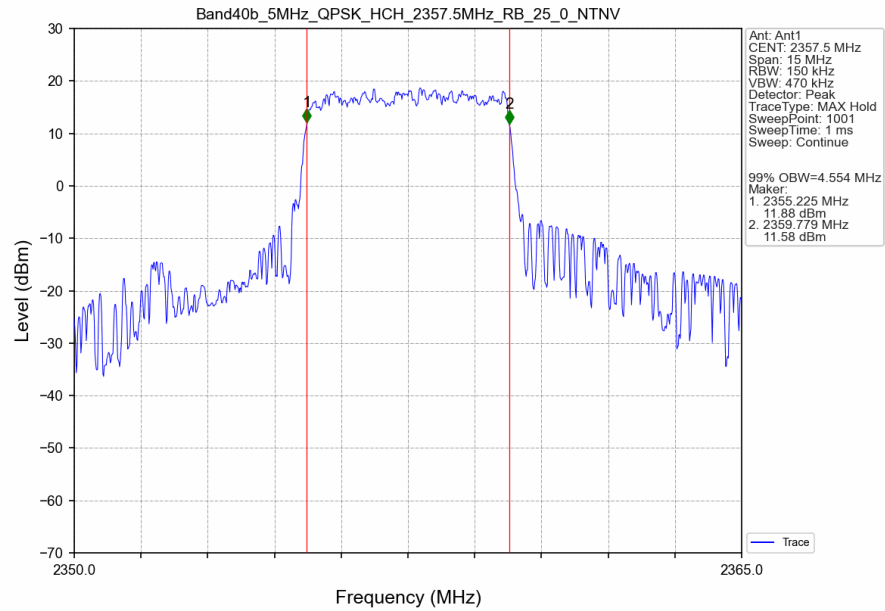
| Band: 40b / NTNV |            |                 |               |        |                      |       |         |
|------------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz)  | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                  |            |                 | Size          | Offset | Result               | Limit |         |
| 5                | QPSK       | 2352.5          | 25            | 0      | 6.128                | /     | Pass    |
|                  |            | 2355            | 25            | 0      | 6.204                | /     | Pass    |
|                  |            | 2357.5          | 25            | 0      | 5.625                | /     | Pass    |
|                  | 16QAM      | 2352.5          | 25            | 0      | 5.055                | /     | Pass    |
|                  |            | 2355            | 25            | 0      | 5.026                | /     | Pass    |
|                  |            | 2357.5          | 25            | 0      | 5.040                | /     | Pass    |
| 10               | QPSK       | 2355            | 50            | 0      | 10.342               | /     | Pass    |
|                  | 16QAM      | 2355            | 50            | 0      | 10.655               | /     | Pass    |

3.2 Test Graph

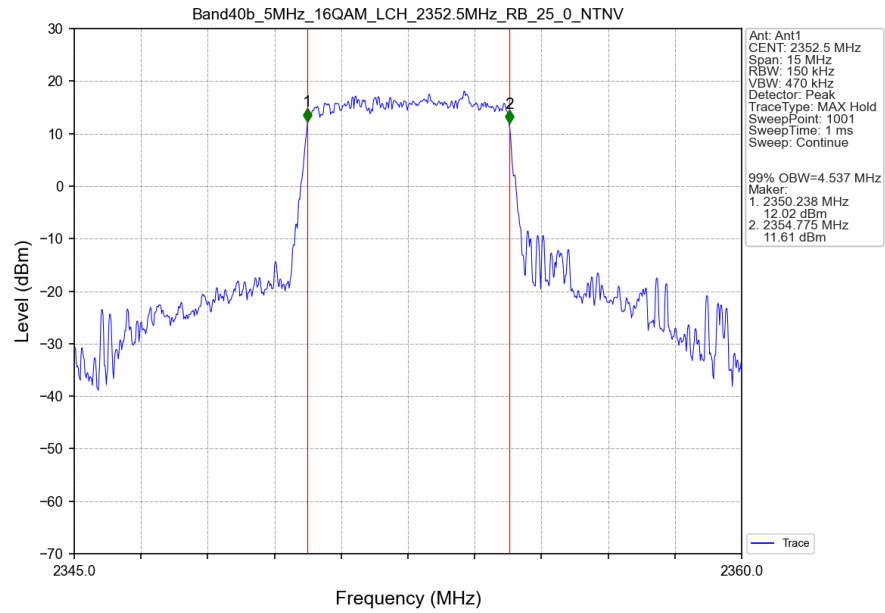
3.2.1 Band40b\_OBW



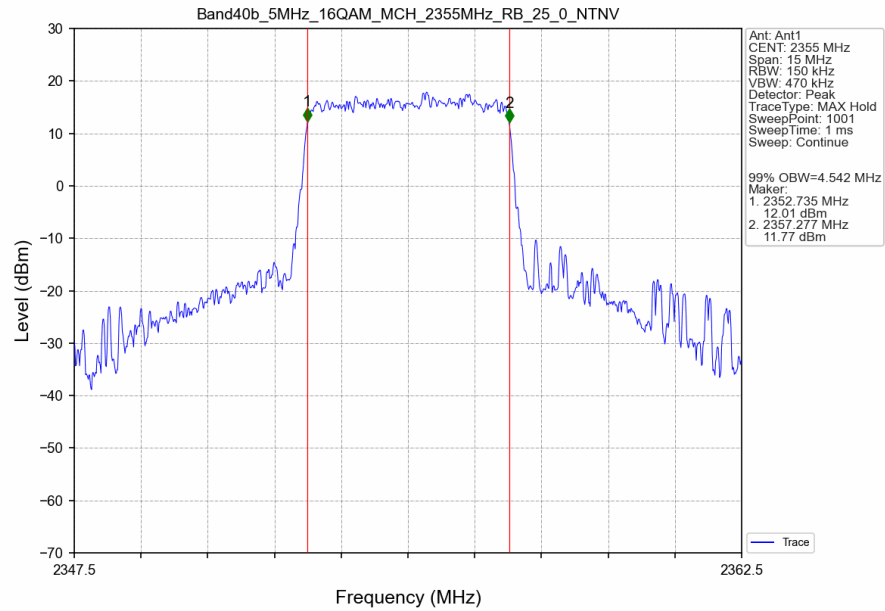
Band40b 5MHz QPSK HCH 2357.5MHz RB 25 0 NTV



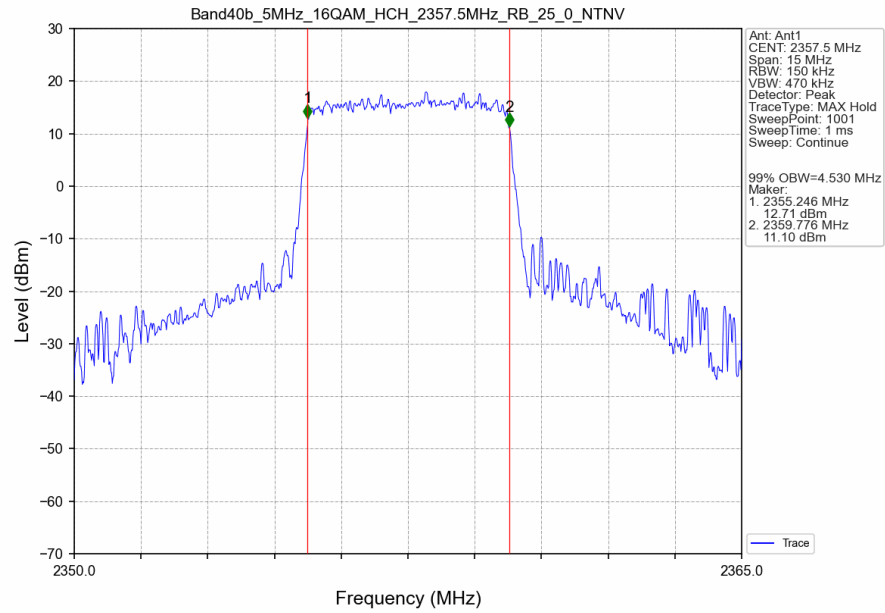
Band40b 5MHz 16QAM LCH 2352.5MHz RB 25 0 NTV



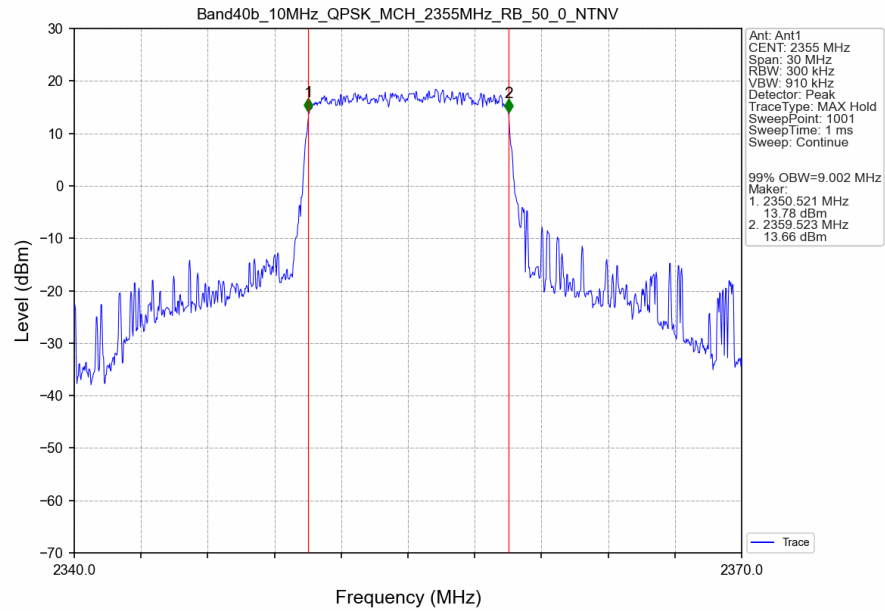
Band40b 5MHz 16QAM MCH 2355MHz RB 25 0 NTNV



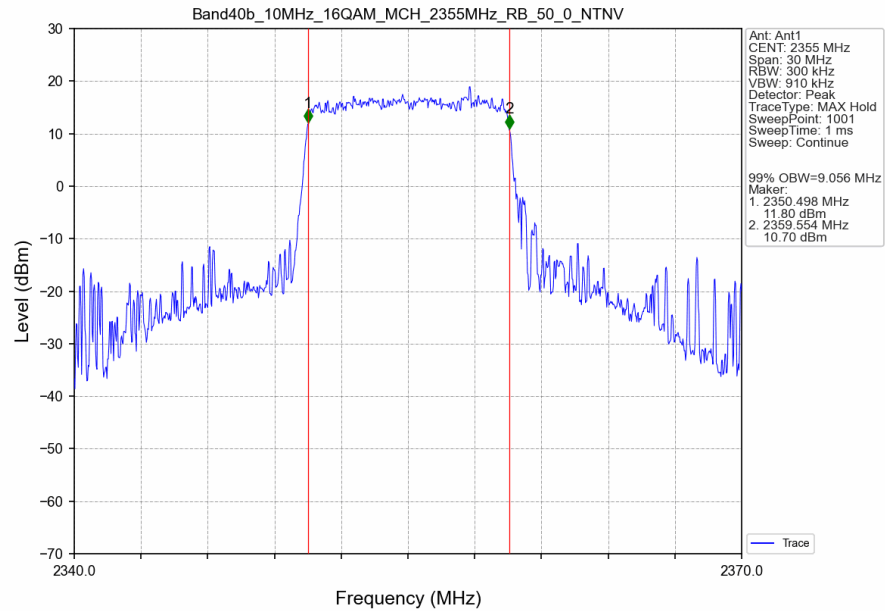
Band40b 5MHz 16QAM HCH 2357.5MHz RB 25 0 NTNV



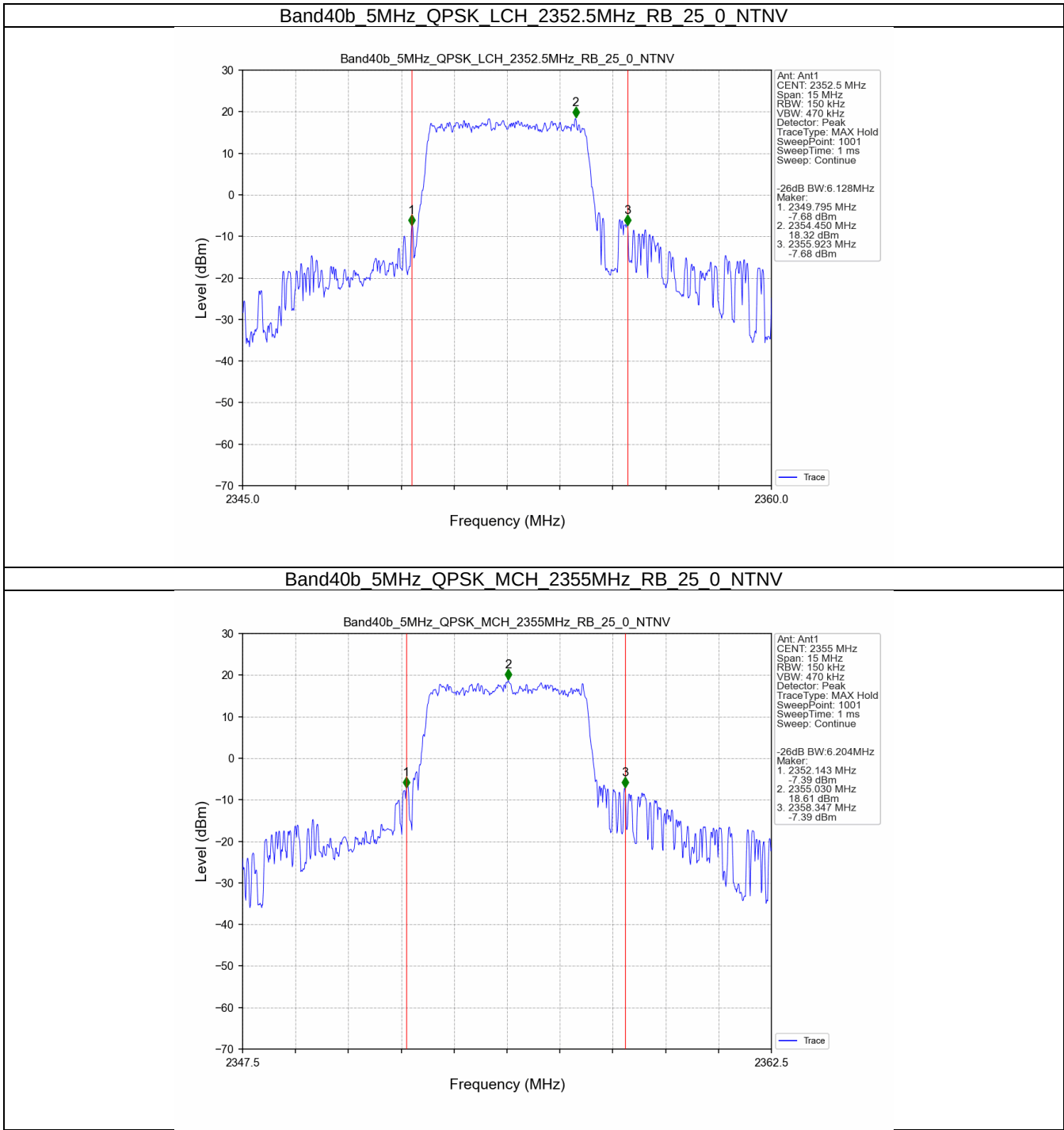
Band40b 10MHz QPSK MCH 2355MHz RB 50 0 NTV



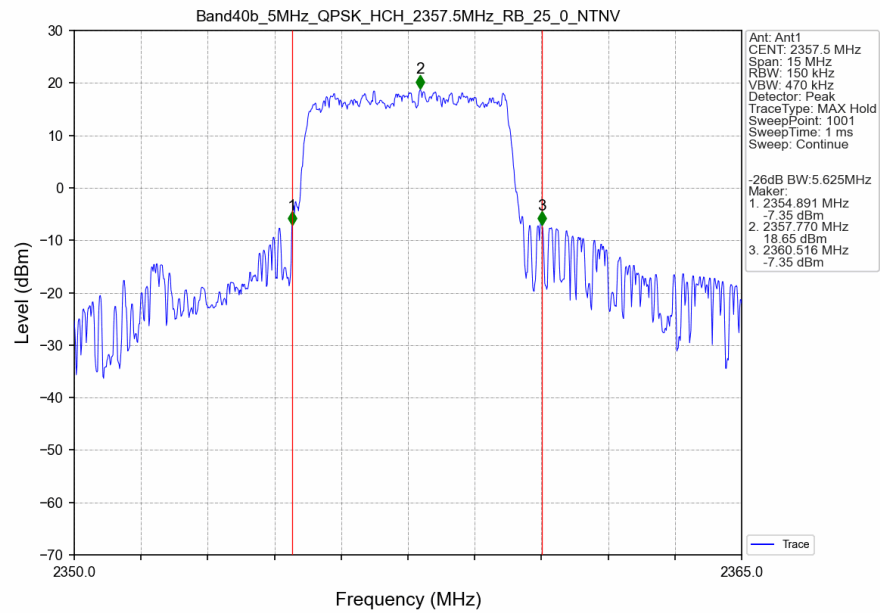
Band40b 10MHz 16QAM MCH 2355MHz RB 50 0 NTV



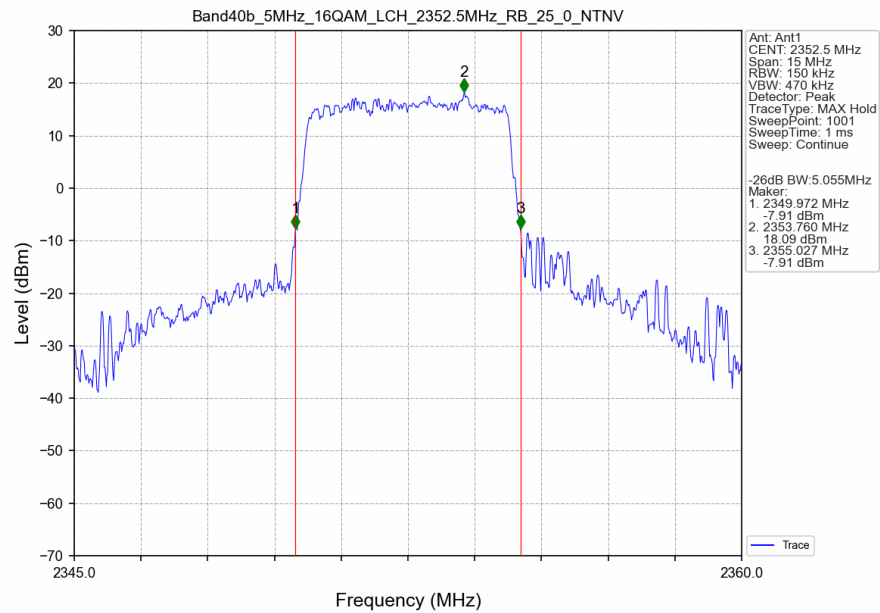
3.2.2 Band40b\_XDB



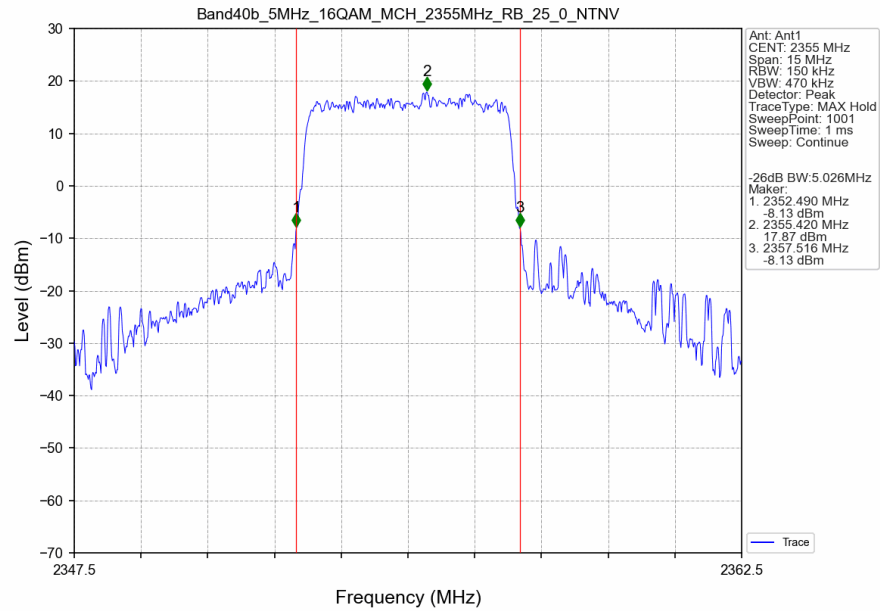
# Band40b 5MHz QPSK HCH 2357.5MHz RB 25 0 NTNV



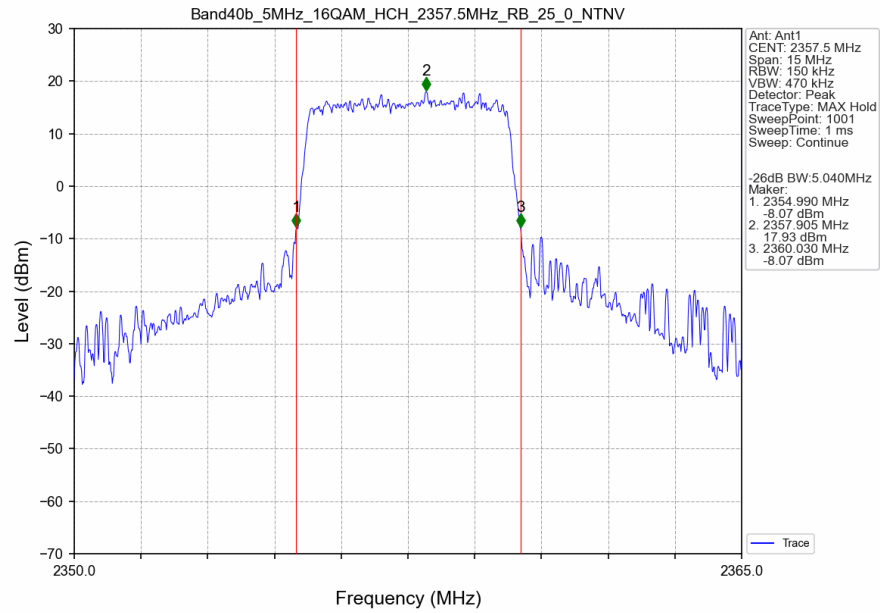
# Band40b 5MHz 16QAM LCH 2352.5MHz RB 25 0 NTNV



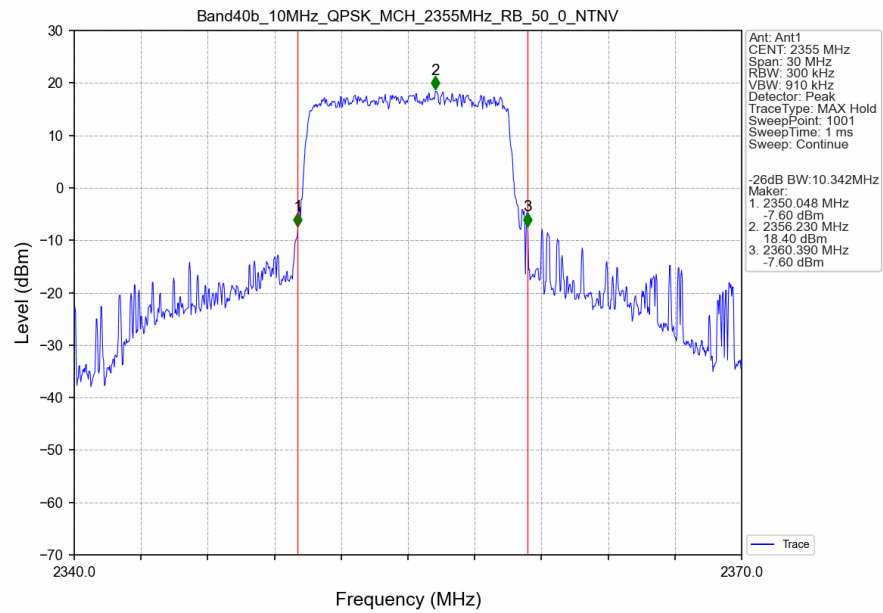
Band40b 5MHz 16QAM MCH 2355MHz RB 25 0 NTV



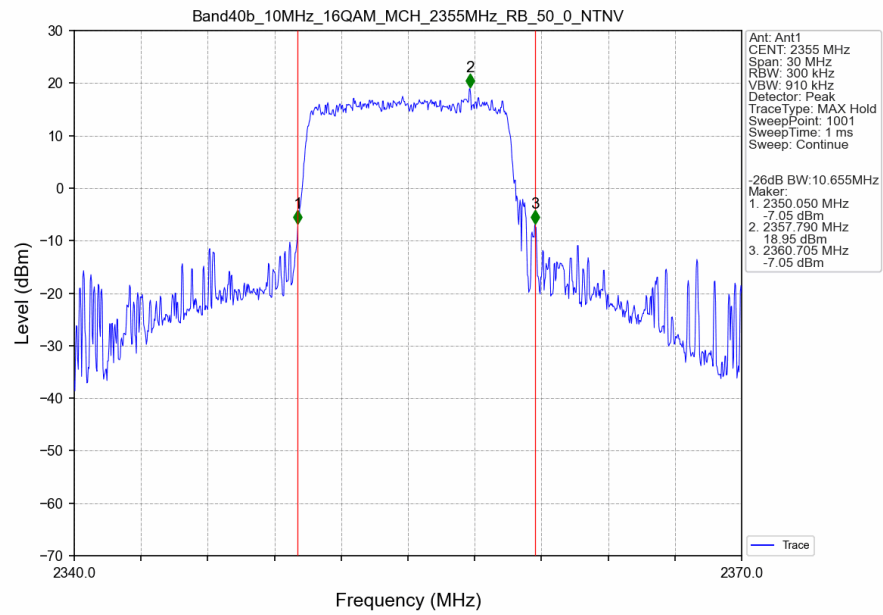
Band40b 5MHz 16QAM HCH 2357.5MHz RB 25 0 NTV



# Band40b 10MHz QPSK MCH 2355MHz RB 50 0 NTV



# Band40b 10MHz 16QAM MCH 2355MHz RB 50 0 NTV



## 4. Peak-Average Ratio

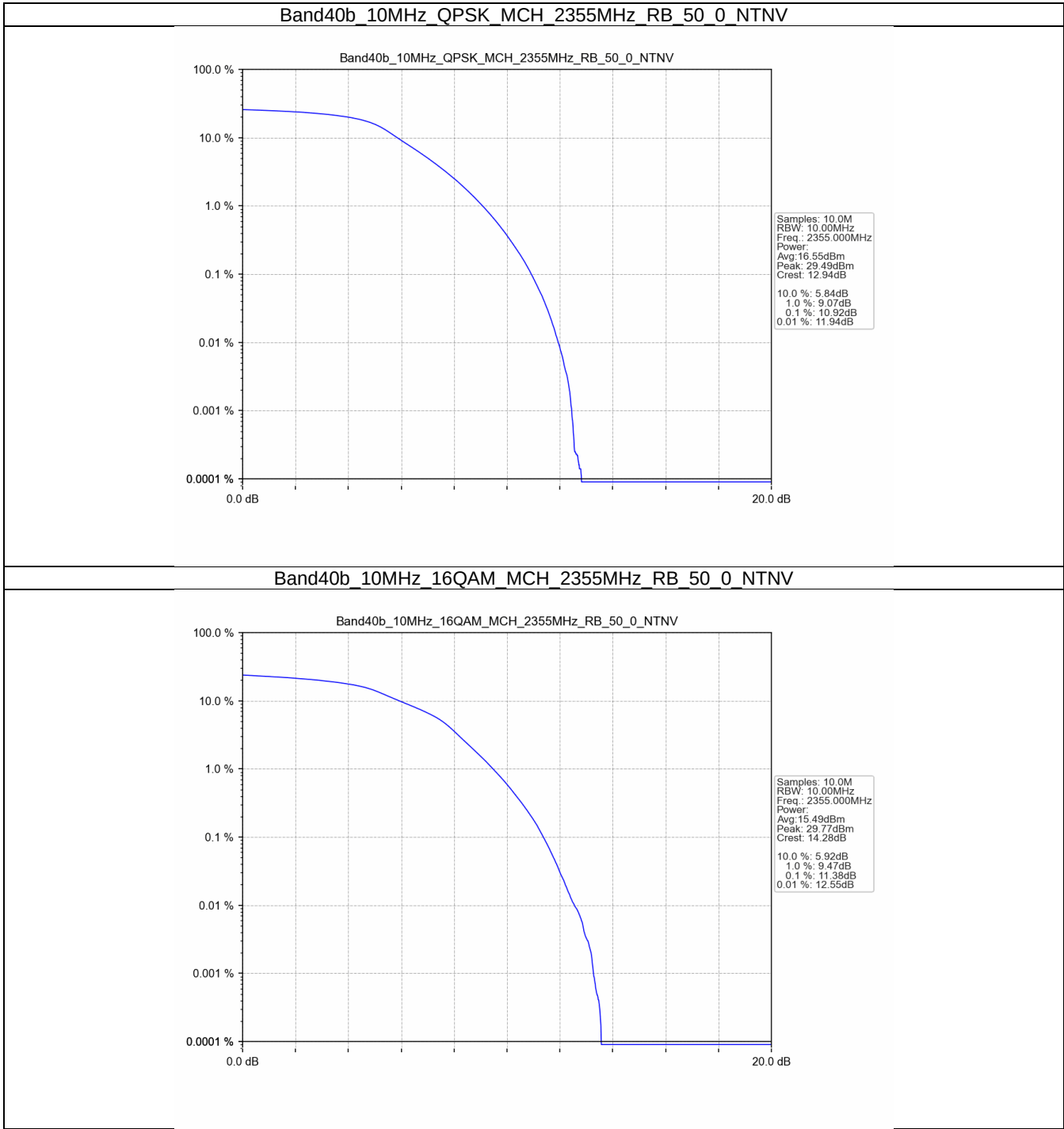
### 4.1 Test Result

#### 4.1.1 B40b\_10MHz

| Band: 40b / Bandwidth: 10MHz / NTN |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2355            | 50            | 0      | 10.92                   | <=13  | Pass    |
| 16QAM                              | 2355            | 50            | 0      | 11.38                   | <=13  | Pass    |

4.2 Test Graph

4.2.1 B40b\_10MHz



## 5. Spurious Emission & Band Edges

### 5.1 Test Result

#### 5.1.1 B40b\_5MHz

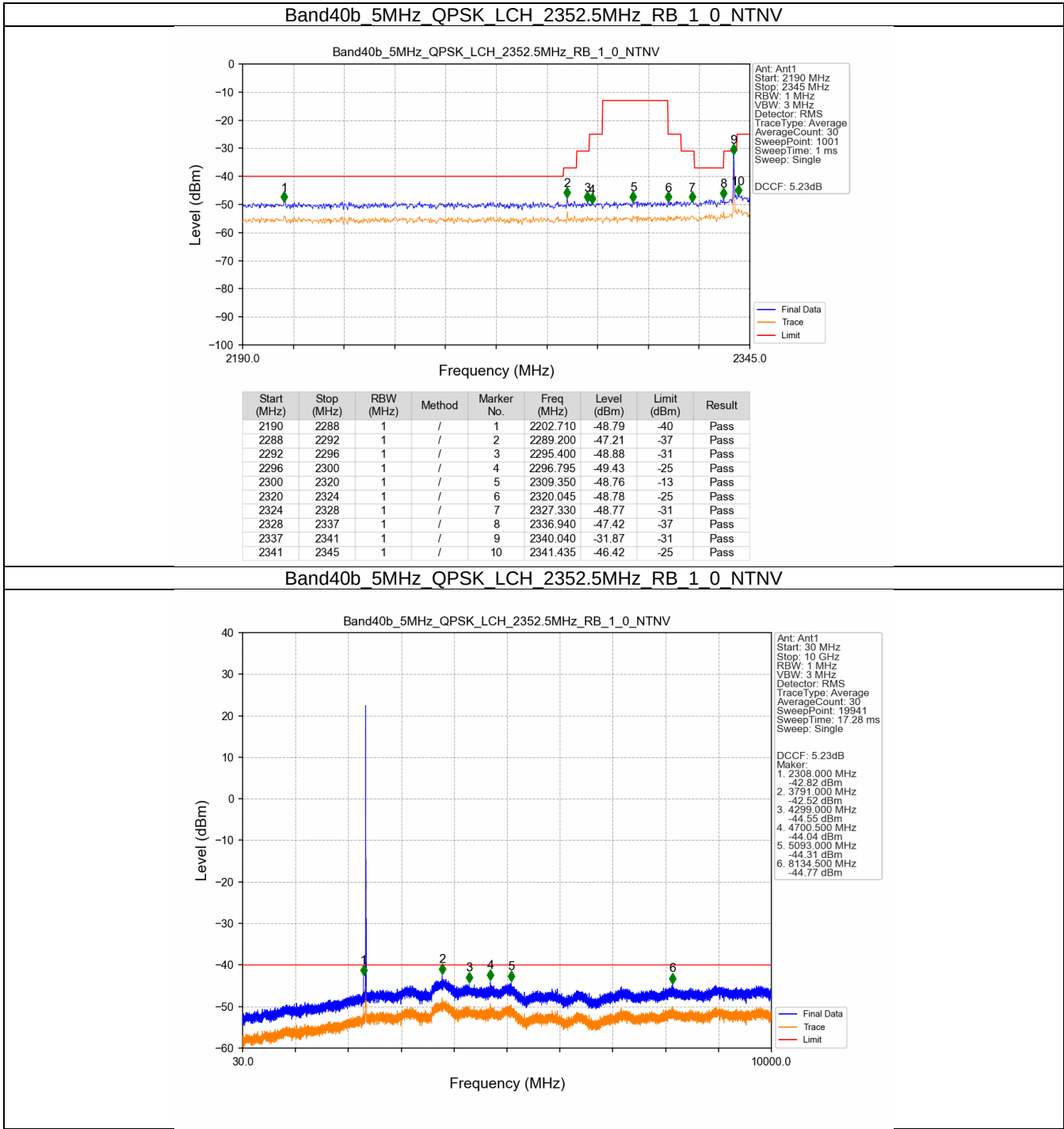
| Band: 40b / Bandwidth: 5MHz / NTVN |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 2352.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2355            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2357.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                    |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                              | 2352.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2355            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2357.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                    |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.2 B40b\_10MHz

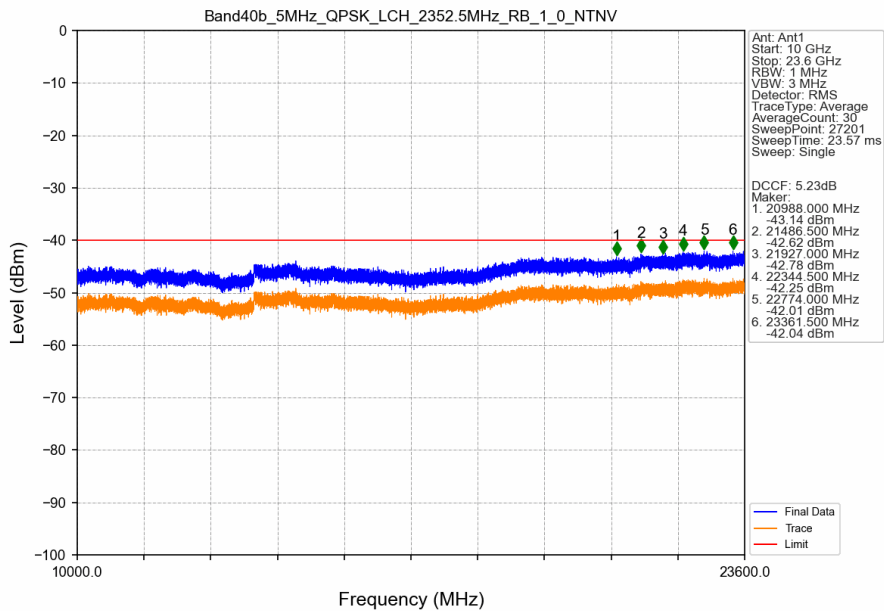
| Band: 40b / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |         |
|-------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                     |                 | Size          | Offset | Result              | Limit |         |
| QPSK                                | 2355            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                     | 2355            | 1             | 49     | Refer To Test Graph |       | Pass    |
|                                     |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                               | 2355            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                     | 2355            | 1             | 49     | Refer To Test Graph |       | Pass    |
|                                     |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

5.2 Test Graph

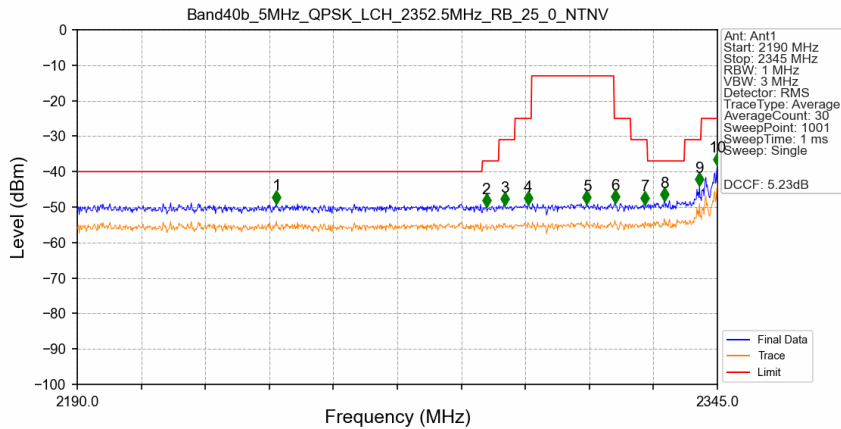
5.2.1 B40b\_5MHz



Band40b 5MHz QPSK LCH 2352.5MHz RB 1 0 NTNV

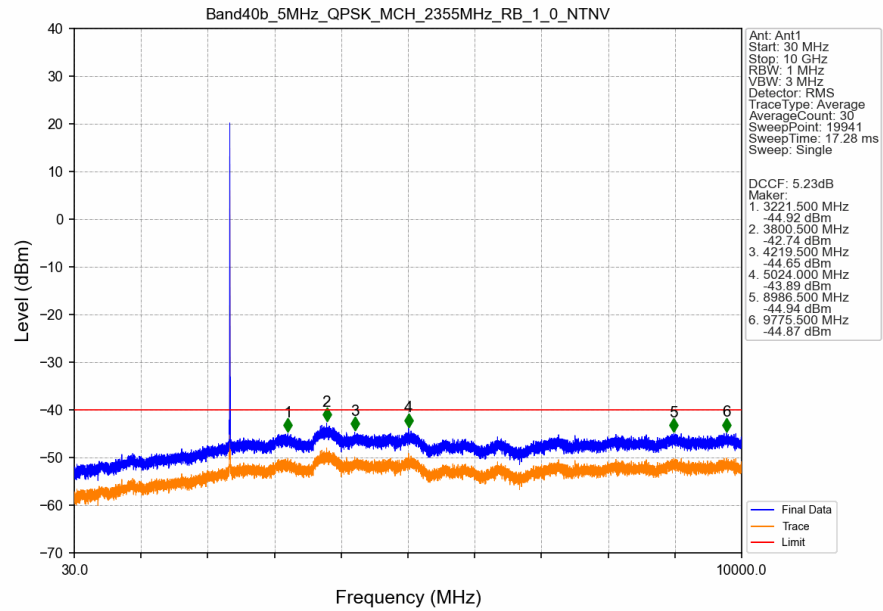


Band40b 5MHz QPSK LCH 2352.5MHz RB 25 0 NTNV

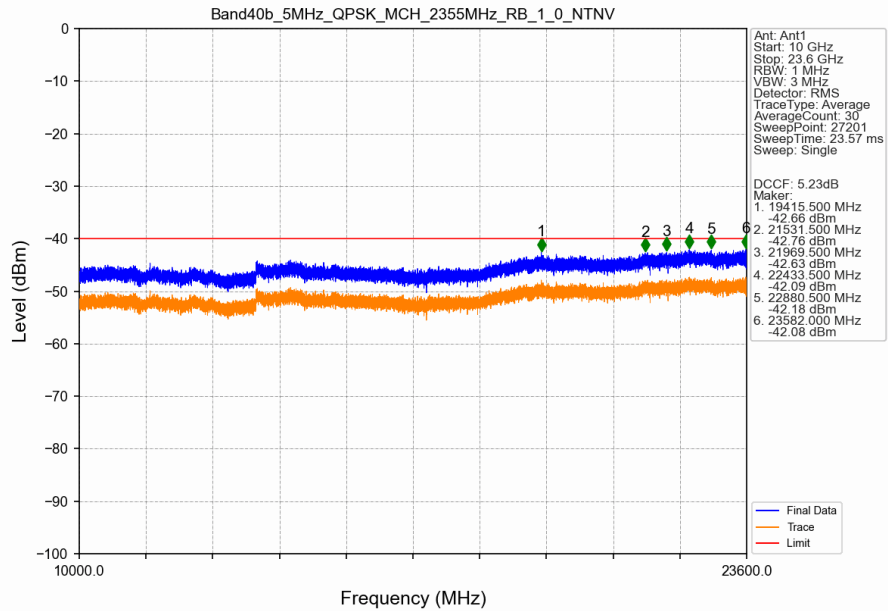


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2288       | 1         | /      | 1          | 2238.205   | -48.70      | -40         | Pass   |
| 2288        | 2292       | 1         | /      | 2          | 2289.045   | -49.72      | -37         | Pass   |
| 2292        | 2296       | 1         | /      | 3          | 2293.540   | -49.31      | -31         | Pass   |
| 2296        | 2300       | 1         | /      | 4          | 2299.120   | -49.08      | -25         | Pass   |
| 2300        | 2320       | 1         | /      | 5          | 2313.380   | -48.80      | -13         | Pass   |
| 2320        | 2324       | 1         | /      | 6          | 2320.200   | -48.57      | -25         | Pass   |
| 2324        | 2328       | 1         | /      | 7          | 2327.485   | -48.91      | -31         | Pass   |
| 2328        | 2337       | 1         | /      | 8          | 2332.135   | -48.02      | -37         | Pass   |
| 2337        | 2341       | 1         | /      | 9          | 2340.660   | -43.73      | -31         | Pass   |
| 2341        | 2345       | 1         | /      | 10         | 2345.000   | -38.03      | -25         | Pass   |

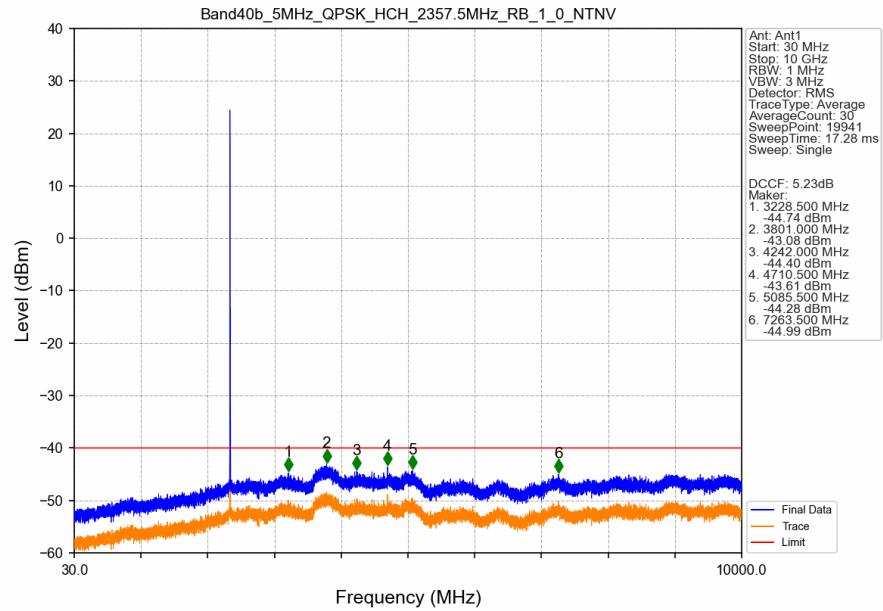
# Band40b 5MHz QPSK MCH 2355MHz RB 1 0 NTV



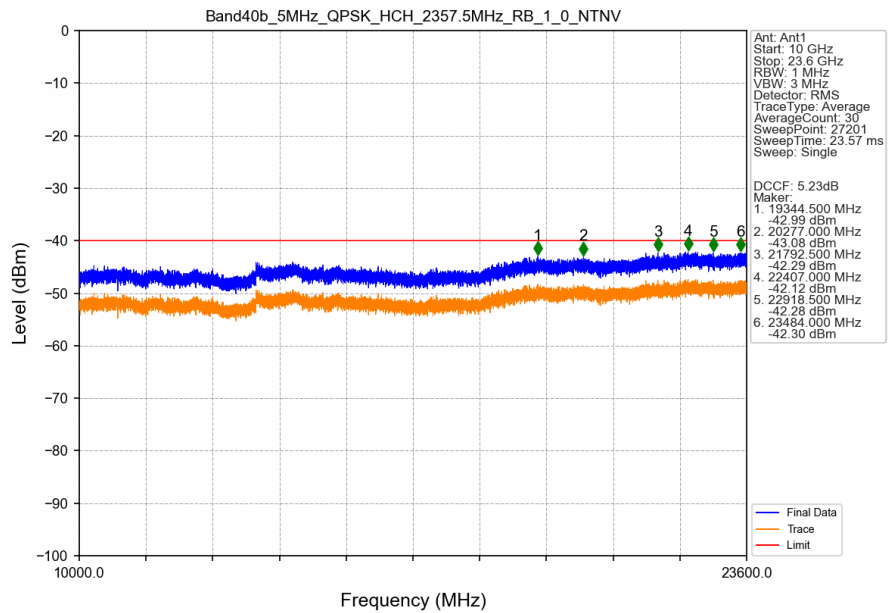
# Band40b 5MHz QPSK MCH 2355MHz RB 1 0 NTV



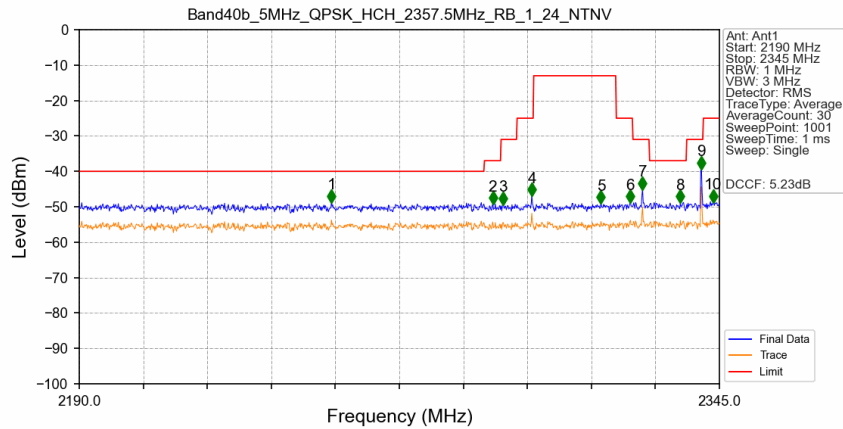
# Band40b 5MHz QPSK HCH 2357.5MHz RB 1 0 NTV



# Band40b 5MHz QPSK HCH 2357.5MHz RB 1 0 NTV

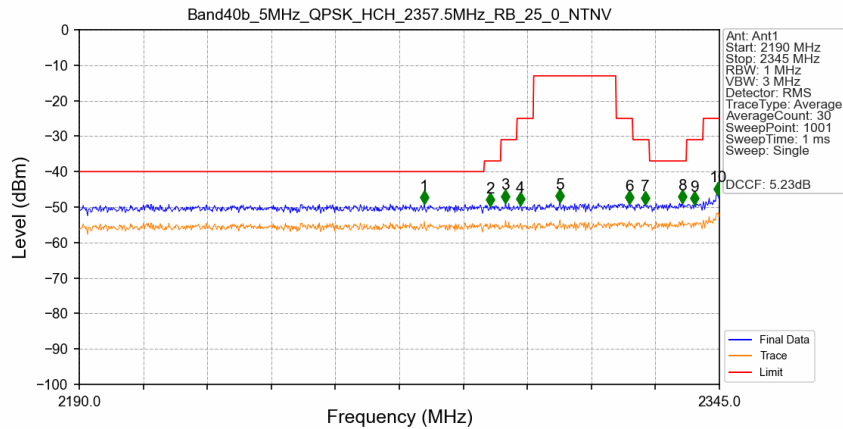


# Band40b 5MHz QPSK HCH 2357.5MHz RB 1 24 NTN



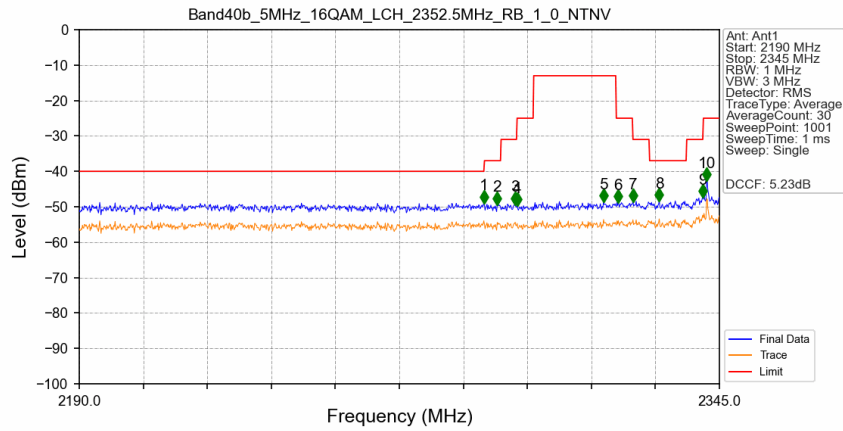
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2288       | 1         | /      | 1          | 2251.070   | -48.49      | -40         | Pass   |
| 2288        | 2292       | 1         | /      | 2          | 2290.130   | -49.08      | -37         | Pass   |
| 2292        | 2296       | 1         | /      | 3          | 2292.610   | -49.15      | -31         | Pass   |
| 2296        | 2300       | 1         | /      | 4          | 2299.585   | -46.62      | -25         | Pass   |
| 2300        | 2320       | 1         | /      | 5          | 2316.325   | -48.90      | -13         | Pass   |
| 2320        | 2324       | 1         | /      | 6          | 2323.455   | -48.60      | -25         | Pass   |
| 2324        | 2328       | 1         | /      | 7          | 2326.400   | -44.87      | -31         | Pass   |
| 2328        | 2337       | 1         | /      | 8          | 2335.545   | -48.63      | -37         | Pass   |
| 2337        | 2341       | 1         | /      | 9          | 2340.660   | -39.11      | -31         | Pass   |
| 2341        | 2345       | 1         | /      | 10         | 2343.450   | -48.53      | -25         | Pass   |

# Band40b 5MHz QPSK HCH 2357.5MHz RB 25 0 NTN



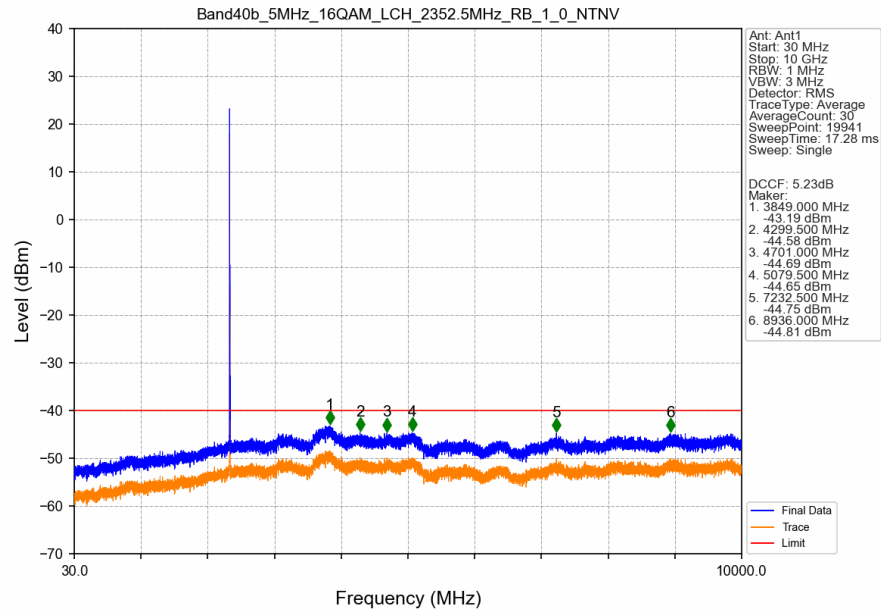
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2288       | 1         | /      | 1          | 2273.545   | -48.79      | -40         | Pass   |
| 2288        | 2292       | 1         | /      | 2          | 2289.510   | -49.41      | -37         | Pass   |
| 2292        | 2296       | 1         | /      | 3          | 2293.230   | -48.52      | -31         | Pass   |
| 2296        | 2300       | 1         | /      | 4          | 2296.795   | -49.30      | -25         | Pass   |
| 2300        | 2320       | 1         | /      | 5          | 2306.405   | -48.35      | -13         | Pass   |
| 2320        | 2324       | 1         | /      | 6          | 2323.145   | -48.79      | -25         | Pass   |
| 2324        | 2328       | 1         | /      | 7          | 2327.020   | -48.91      | -31         | Pass   |
| 2328        | 2337       | 1         | /      | 8          | 2336.010   | -48.56      | -37         | Pass   |
| 2337        | 2341       | 1         | /      | 9          | 2338.955   | -49.09      | -31         | Pass   |
| 2341        | 2345       | 1         | /      | 10         | 2344.690   | -46.39      | -25         | Pass   |

# Band40b 5MHz 16QAM LCH 2352.5MHz RB 1 0 NTNV

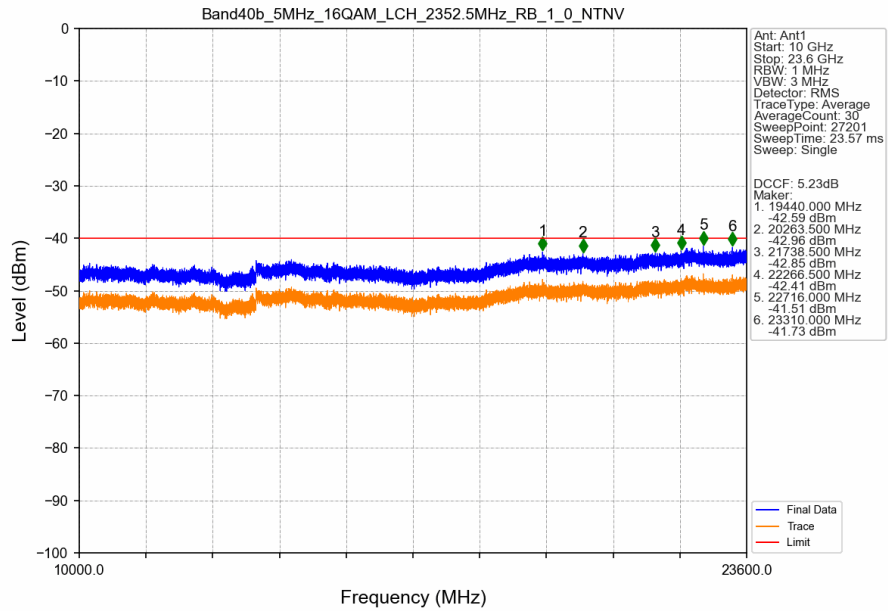


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2288       | 1         | /      | 1          | 2287.960   | -48.74      | -40         | Pass   |
| 2288        | 2292       | 1         | /      | 2          | 2291.215   | -49.19      | -37         | Pass   |
| 2292        | 2296       | 1         | /      | 3          | 2295.555   | -49.13      | -31         | Pass   |
| 2296        | 2300       | 1         | /      | 4          | 2296.020   | -49.47      | -25         | Pass   |
| 2300        | 2320       | 1         | /      | 5          | 2316.945   | -48.40      | -13         | Pass   |
| 2320        | 2324       | 1         | /      | 6          | 2320.510   | -48.68      | -25         | Pass   |
| 2324        | 2328       | 1         | /      | 7          | 2324.075   | -48.45      | -31         | Pass   |
| 2328        | 2337       | 1         | /      | 8          | 2330.430   | -48.21      | -37         | Pass   |
| 2337        | 2341       | 1         | /      | 9          | 2340.970   | -47.12      | -31         | Pass   |
| 2341        | 2345       | 1         | /      | 10         | 2341.900   | -42.50      | -25         | Pass   |

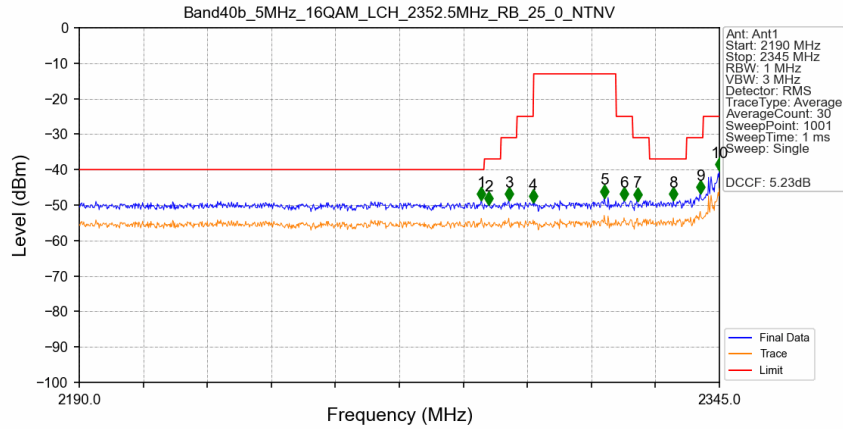
# Band40b 5MHz 16QAM LCH 2352.5MHz RB 1 0 NTNV



# Band40b 5MHz 16QAM LCH 2352.5MHz RB 1 0 NTNV

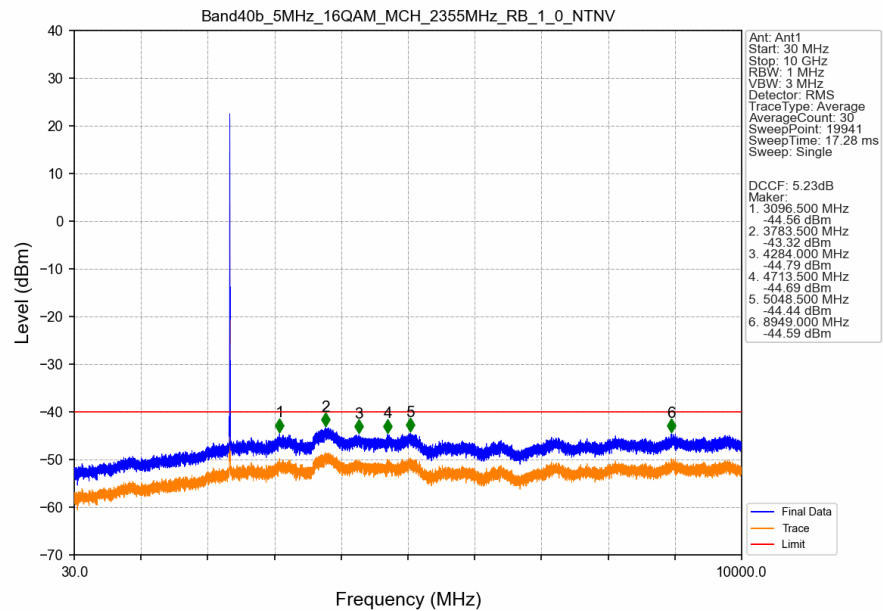


# Band40b 5MHz 16QAM LCH 2352.5MHz RB 25 0 NTNV

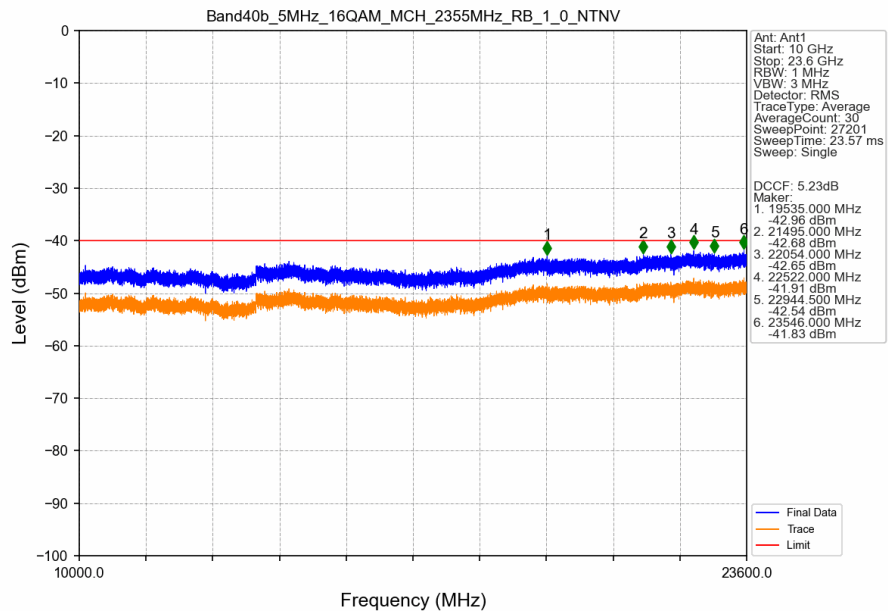


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2288       | 1         | /      | 1          | 2287.340   | -48.47      | -40         | Pass   |
| 2288        | 2292       | 1         | /      | 2          | 2289.200   | -49.59      | -37         | Pass   |
| 2292        | 2296       | 1         | /      | 3          | 2294.005   | -48.46      | -31         | Pass   |
| 2296        | 2300       | 1         | /      | 4          | 2299.895   | -49.00      | -25         | Pass   |
| 2300        | 2320       | 1         | /      | 5          | 2317.100   | -47.66      | -13         | Pass   |
| 2320        | 2324       | 1         | /      | 6          | 2321.905   | -48.35      | -25         | Pass   |
| 2324        | 2328       | 1         | /      | 7          | 2325.160   | -48.49      | -31         | Pass   |
| 2328        | 2337       | 1         | /      | 8          | 2333.840   | -48.36      | -37         | Pass   |
| 2337        | 2341       | 1         | /      | 9          | 2340.350   | -46.55      | -31         | Pass   |
| 2341        | 2345       | 1         | /      | 10         | 2345.000   | -40.02      | -25         | Pass   |

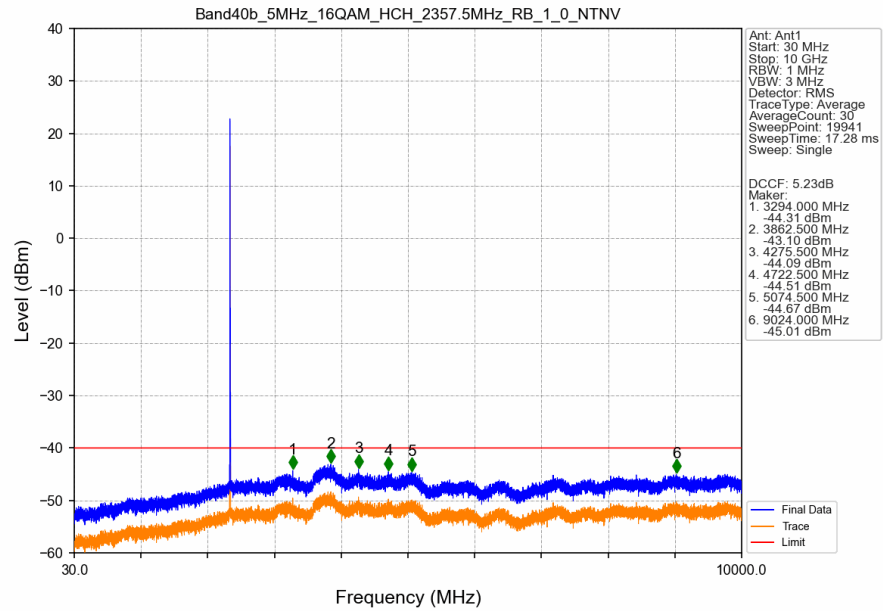
Band40b 5MHz 16QAM MCH 2355MHz RB 1 0 NTV



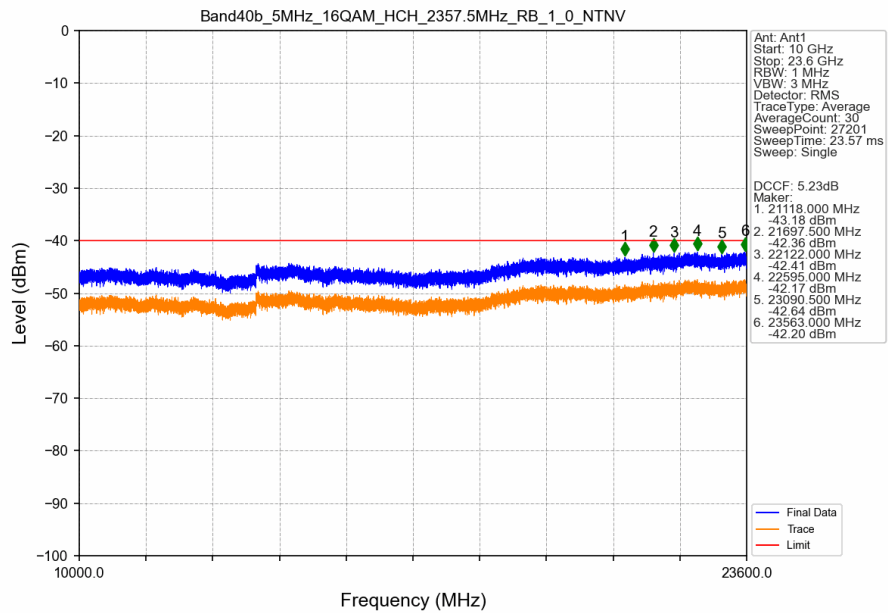
Band40b 5MHz 16QAM MCH 2355MHz RB 1 0 NTV



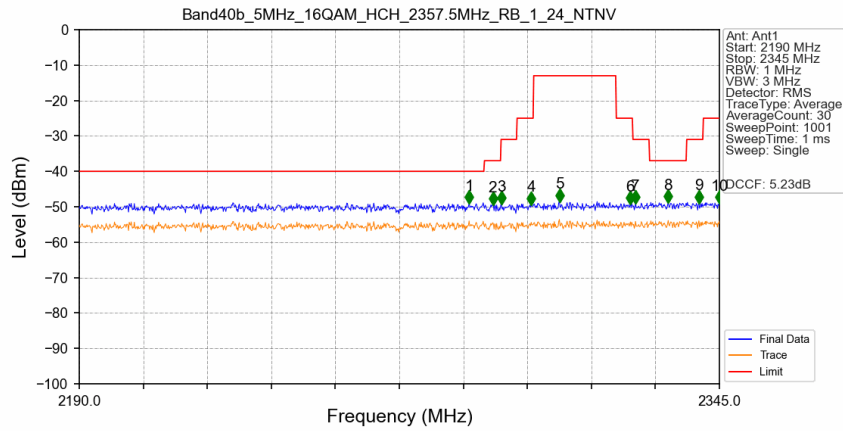
# Band40b 5MHz 16QAM HCH 2357.5MHz RB 1 0 NTNV



# Band40b 5MHz 16QAM HCH 2357.5MHz RB 1 0 NTNV

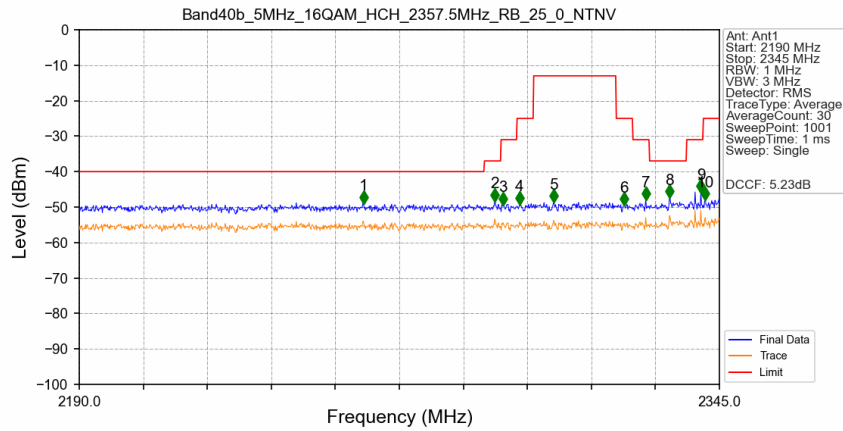


# Band40b 5MHz 16QAM HCH 2357.5MHz RB 1 24 NTNV



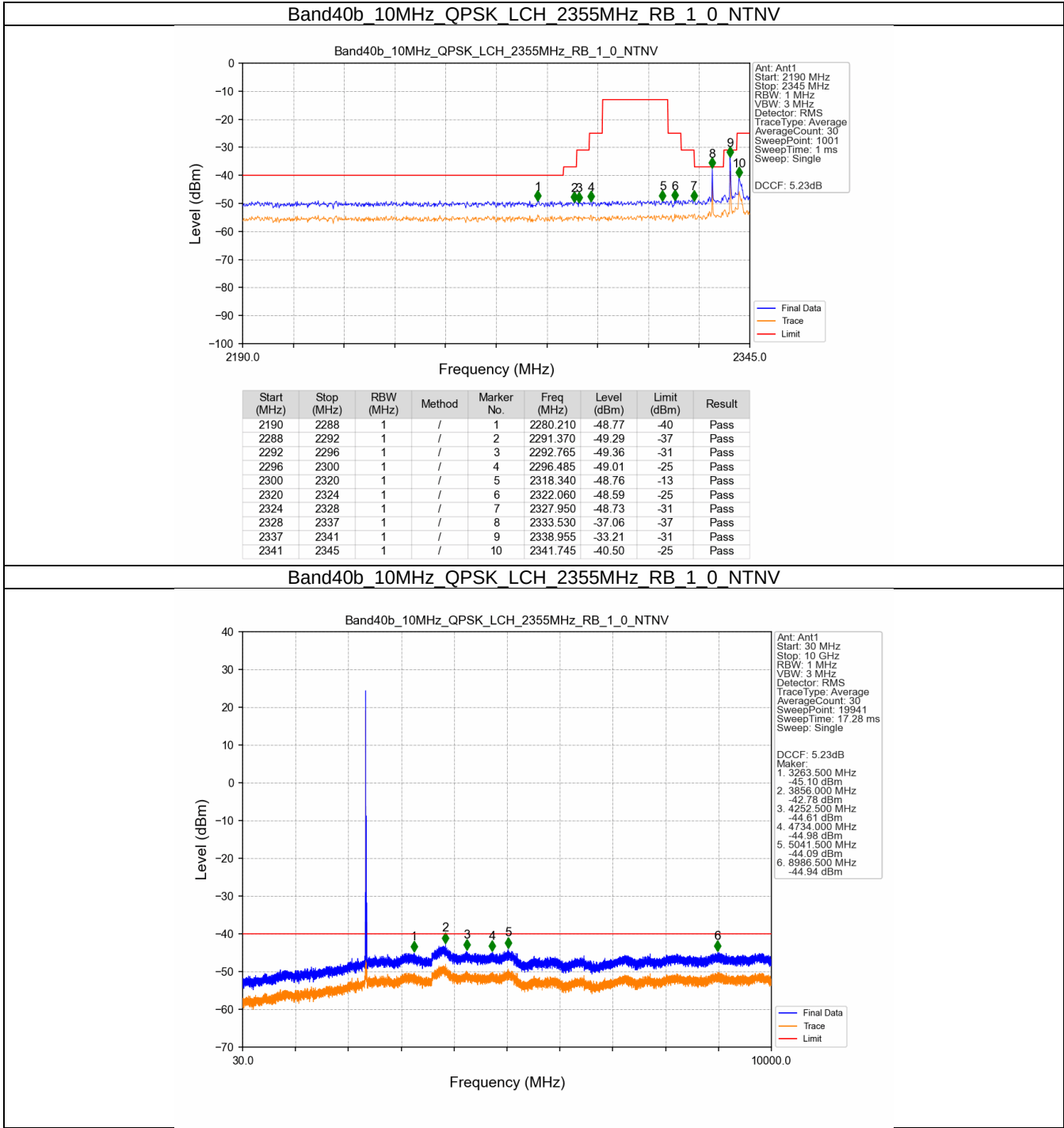
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2288       | 1         | /      | 1          | 2284.395   | -48.77      | -40         | Pass   |
| 2288        | 2292       | 1         | /      | 2          | 2290.130   | -49.27      | -37         | Pass   |
| 2292        | 2296       | 1         | /      | 3          | 2292.145   | -49.06      | -31         | Pass   |
| 2296        | 2300       | 1         | /      | 4          | 2299.430   | -49.16      | -25         | Pass   |
| 2300        | 2320       | 1         | /      | 5          | 2306.250   | -48.33      | -13         | Pass   |
| 2320        | 2324       | 1         | /      | 6          | 2323.455   | -49.06      | -25         | Pass   |
| 2324        | 2328       | 1         | /      | 7          | 2324.695   | -48.88      | -31         | Pass   |
| 2328        | 2337       | 1         | /      | 8          | 2332.600   | -48.66      | -37         | Pass   |
| 2337        | 2341       | 1         | /      | 9          | 2340.040   | -48.74      | -31         | Pass   |
| 2341        | 2345       | 1         | /      | 10         | 2345.000   | -48.78      | -25         | Pass   |

# Band40b 5MHz 16QAM HCH 2357.5MHz RB 25 0 NTNV

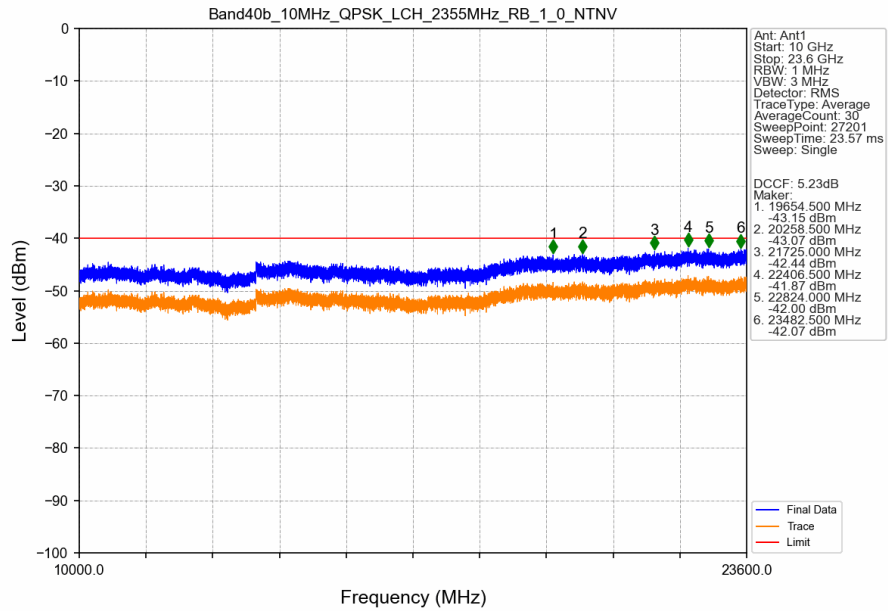


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2288       | 1         | /      | 1          | 2258.820   | -48.74      | -40         | Pass   |
| 2288        | 2292       | 1         | /      | 2          | 2290.595   | -48.06      | -37         | Pass   |
| 2292        | 2296       | 1         | /      | 3          | 2292.610   | -49.14      | -31         | Pass   |
| 2296        | 2300       | 1         | /      | 4          | 2296.640   | -48.92      | -25         | Pass   |
| 2300        | 2320       | 1         | /      | 5          | 2304.855   | -48.47      | -13         | Pass   |
| 2320        | 2324       | 1         | /      | 6          | 2321.905   | -49.27      | -25         | Pass   |
| 2324        | 2328       | 1         | /      | 7          | 2327.175   | -47.74      | -31         | Pass   |
| 2328        | 2337       | 1         | /      | 8          | 2332.910   | -47.18      | -37         | Pass   |
| 2337        | 2341       | 1         | /      | 9          | 2340.505   | -45.65      | -31         | Pass   |
| 2341        | 2345       | 1         | /      | 10         | 2341.590   | -47.77      | -25         | Pass   |

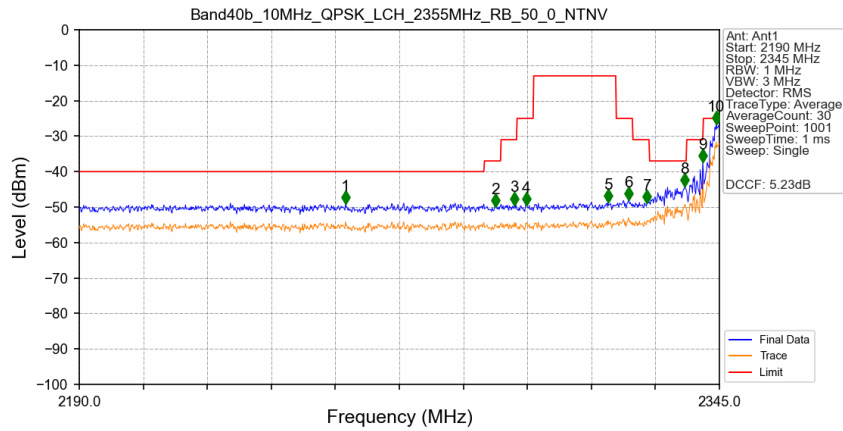
5.2.2 B40b\_10MHz



# Band40b 10MHz QPSK LCH 2355MHz RB 1 0 NTV

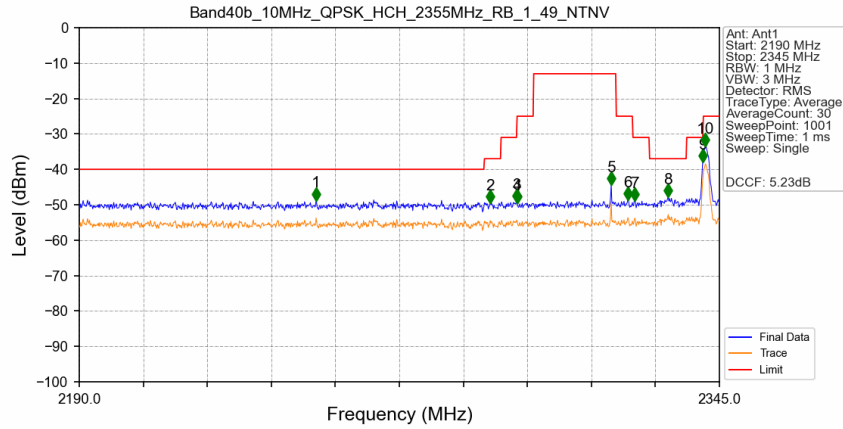


# Band40b 10MHz QPSK LCH 2355MHz RB 50 0 NTV



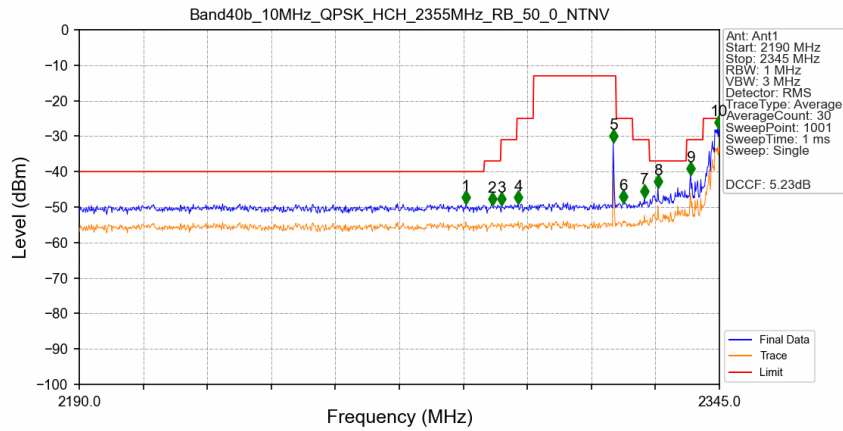
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2288       | 1         | /      | 1          | 2254.480   | -48.87      | -40         | Pass   |
| 2288        | 2292       | 1         | /      | 2          | 2290.750   | -49.69      | -37         | Pass   |
| 2292        | 2296       | 1         | /      | 3          | 2295.400   | -49.18      | -31         | Pass   |
| 2296        | 2300       | 1         | /      | 4          | 2298.190   | -49.21      | -25         | Pass   |
| 2300        | 2320       | 1         | /      | 5          | 2318.030   | -48.47      | -13         | Pass   |
| 2320        | 2324       | 1         | /      | 6          | 2322.990   | -47.77      | -25         | Pass   |
| 2324        | 2328       | 1         | /      | 7          | 2327.485   | -48.56      | -31         | Pass   |
| 2328        | 2337       | 1         | /      | 8          | 2336.630   | -43.93      | -37         | Pass   |
| 2337        | 2341       | 1         | /      | 9          | 2340.970   | -37.13      | -31         | Pass   |
| 2341        | 2345       | 1         | /      | 10         | 2344.225   | -26.33      | -25         | Pass   |

# Band40b 10MHz QPSK HCH 2355MHz RB 1 49 NTNV



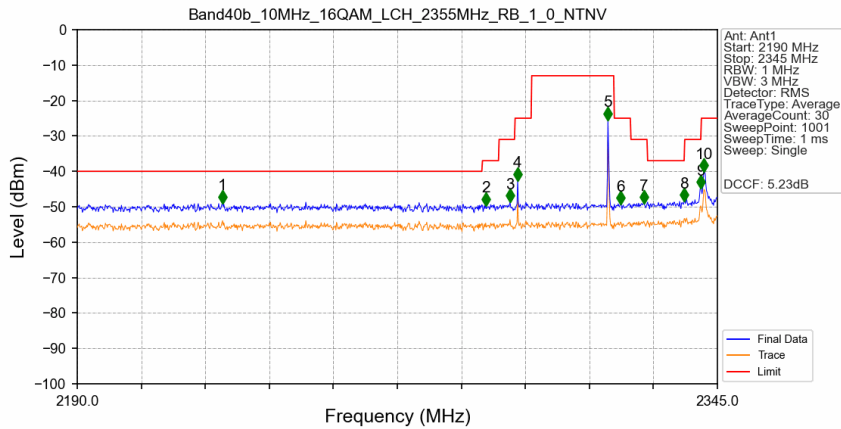
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2288       | 1         | /      | 1          | 2247.350   | -48.50      | -40         | Pass   |
| 2288        | 2292       | 1         | /      | 2          | 2289.510   | -49.22      | -37         | Pass   |
| 2292        | 2296       | 1         | /      | 3          | 2295.865   | -49.12      | -31         | Pass   |
| 2296        | 2300       | 1         | /      | 4          | 2296.020   | -49.32      | -25         | Pass   |
| 2300        | 2320       | 1         | /      | 5          | 2318.805   | -44.16      | -13         | Pass   |
| 2320        | 2324       | 1         | /      | 6          | 2322.835   | -48.42      | -25         | Pass   |
| 2324        | 2328       | 1         | /      | 7          | 2324.540   | -48.57      | -31         | Pass   |
| 2328        | 2337       | 1         | /      | 8          | 2332.600   | -47.53      | -37         | Pass   |
| 2337        | 2341       | 1         | /      | 9          | 2340.970   | -37.67      | -31         | Pass   |
| 2341        | 2345       | 1         | /      | 10         | 2341.590   | -33.25      | -25         | Pass   |

# Band40b 10MHz QPSK HCH 2355MHz RB 50 0 NTNV



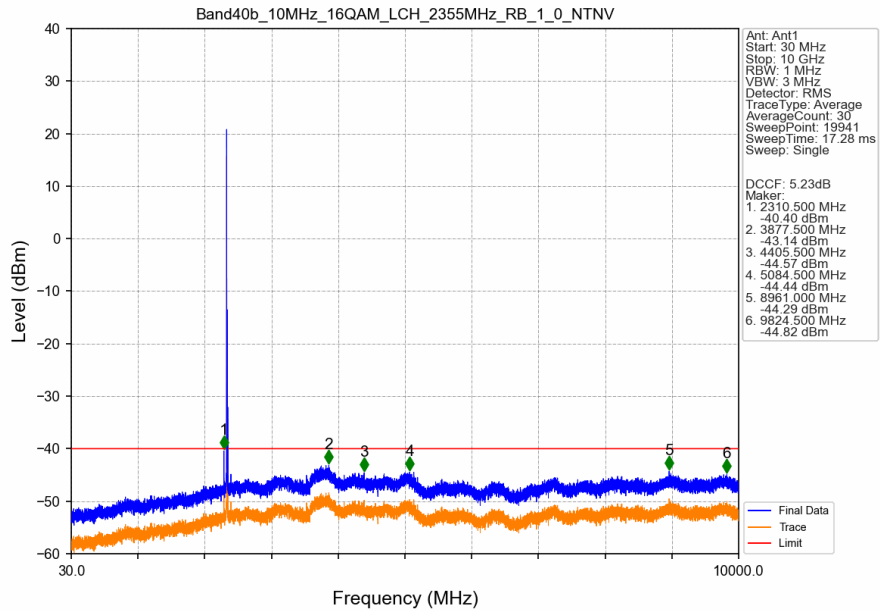
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2288       | 1         | /      | 1          | 2283.620   | -48.89      | -40         | Pass   |
| 2288        | 2292       | 1         | /      | 2          | 2289.975   | -49.21      | -37         | Pass   |
| 2292        | 2296       | 1         | /      | 3          | 2292.300   | -49.25      | -31         | Pass   |
| 2296        | 2300       | 1         | /      | 4          | 2296.330   | -48.85      | -25         | Pass   |
| 2300        | 2320       | 1         | /      | 5          | 2319.270   | -31.55      | -13         | Pass   |
| 2320        | 2324       | 1         | /      | 6          | 2321.750   | -48.65      | -25         | Pass   |
| 2324        | 2328       | 1         | /      | 7          | 2326.865   | -47.04      | -31         | Pass   |
| 2328        | 2337       | 1         | /      | 8          | 2330.120   | -44.35      | -37         | Pass   |
| 2337        | 2341       | 1         | /      | 9          | 2338.025   | -40.70      | -31         | Pass   |
| 2341        | 2345       | 1         | /      | 10         | 2344.845   | -27.67      | -25         | Pass   |

Band40b 10MHz 16QAM LCH 2355MHz RB 1 0 NTNV

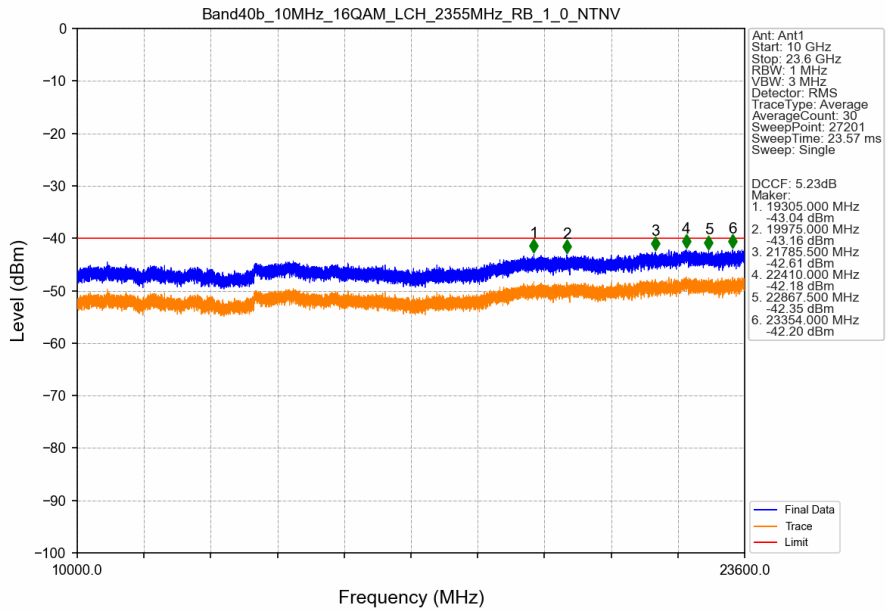


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2288       | 1         | /      | 1          | 2225.185   | -48.70      | -40         | Pass   |
| 2288        | 2292       | 1         | /      | 2          | 2288.890   | -49.37      | -37         | Pass   |
| 2292        | 2296       | 1         | /      | 3          | 2294.780   | -48.37      | -31         | Pass   |
| 2296        | 2300       | 1         | /      | 4          | 2296.640   | -42.33      | -25         | Pass   |
| 2300        | 2320       | 1         | /      | 5          | 2318.495   | -25.21      | -13         | Pass   |
| 2320        | 2324       | 1         | /      | 6          | 2321.595   | -49.07      | -25         | Pass   |
| 2324        | 2328       | 1         | /      | 7          | 2327.175   | -48.88      | -31         | Pass   |
| 2328        | 2337       | 1         | /      | 8          | 2336.940   | -48.24      | -37         | Pass   |
| 2337        | 2341       | 1         | /      | 9          | 2340.970   | -44.52      | -31         | Pass   |
| 2341        | 2345       | 1         | /      | 10         | 2341.745   | -39.88      | -25         | Pass   |

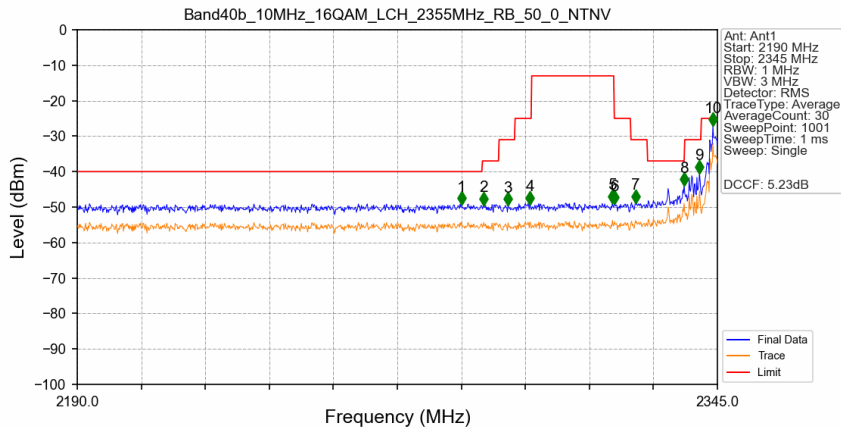
Band40b 10MHz 16QAM LCH 2355MHz RB 1 0 NTNV



Band40b 10MHz 16QAM LCH 2355MHz RB 1 0 NTV

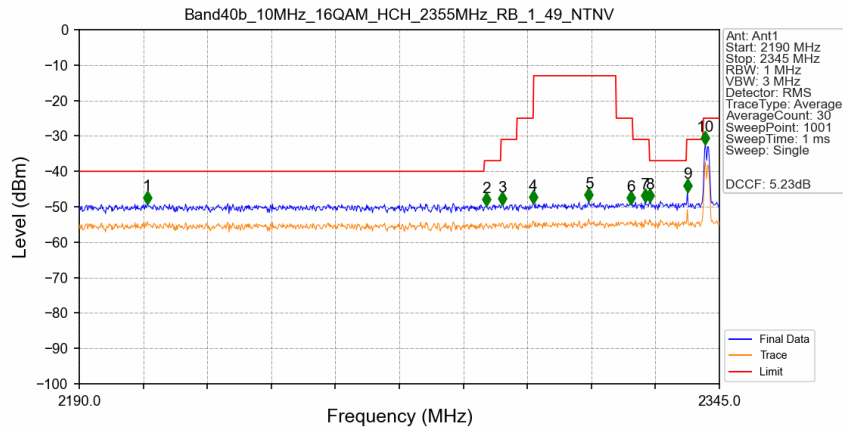


Band40b 10MHz 16QAM LCH 2355MHz RB 50 0 NTV



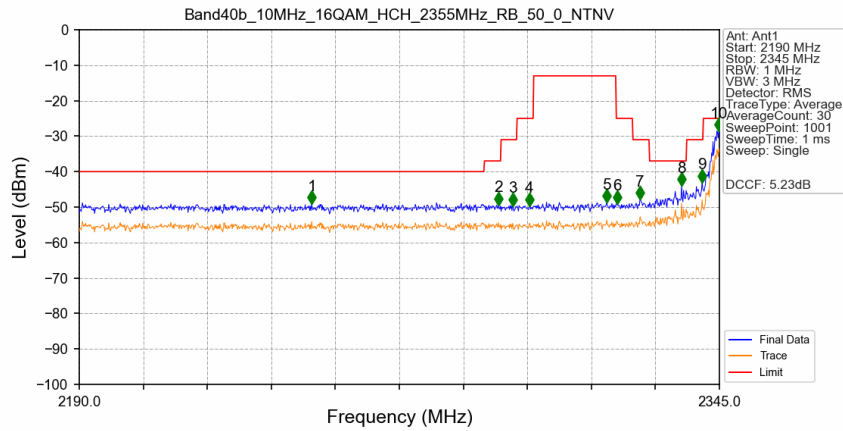
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2288       | 1         | /      | 1          | 2283.000   | -49.06      | -40         | Pass   |
| 2288        | 2292       | 1         | /      | 2          | 2288.425   | -49.16      | -37         | Pass   |
| 2292        | 2296       | 1         | /      | 3          | 2294.315   | -49.22      | -31         | Pass   |
| 2296        | 2300       | 1         | /      | 4          | 2299.585   | -48.95      | -25         | Pass   |
| 2300        | 2320       | 1         | /      | 5          | 2319.580   | -48.51      | -13         | Pass   |
| 2320        | 2324       | 1         | /      | 6          | 2320.045   | -48.83      | -25         | Pass   |
| 2324        | 2328       | 1         | /      | 7          | 2325.160   | -48.53      | -31         | Pass   |
| 2328        | 2337       | 1         | /      | 8          | 2336.940   | -43.70      | -37         | Pass   |
| 2337        | 2341       | 1         | /      | 9          | 2340.660   | -40.20      | -31         | Pass   |
| 2341        | 2345       | 1         | /      | 10         | 2343.915   | -26.77      | -25         | Pass   |

# Band40b 10MHz 16QAM HCH 2355MHz RB 1 49 NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2288       | 1         | /      | 1          | 2206.430   | -48.97      | -40         | Pass   |
| 2288        | 2292       | 1         | /      | 2          | 2288.580   | -49.43      | -37         | Pass   |
| 2292        | 2296       | 1         | /      | 3          | 2292.455   | -49.31      | -31         | Pass   |
| 2296        | 2300       | 1         | /      | 4          | 2299.895   | -48.79      | -25         | Pass   |
| 2300        | 2320       | 1         | /      | 5          | 2313.380   | -48.23      | -13         | Pass   |
| 2320        | 2324       | 1         | /      | 6          | 2323.610   | -49.04      | -25         | Pass   |
| 2324        | 2328       | 1         | /      | 7          | 2327.020   | -48.37      | -31         | Pass   |
| 2328        | 2337       | 1         | /      | 8          | 2328.105   | -48.35      | -37         | Pass   |
| 2337        | 2341       | 1         | /      | 9          | 2337.250   | -45.50      | -31         | Pass   |
| 2341        | 2345       | 1         | /      | 10         | 2341.590   | -32.11      | -25         | Pass   |

# Band40b 10MHz 16QAM HCH 2355MHz RB 50 0 NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2288       | 1         | /      | 1          | 2246.265   | -48.79      | -40         | Pass   |
| 2288        | 2292       | 1         | /      | 2          | 2291.525   | -49.16      | -37         | Pass   |
| 2292        | 2296       | 1         | /      | 3          | 2294.935   | -49.39      | -31         | Pass   |
| 2296        | 2300       | 1         | /      | 4          | 2298.965   | -49.38      | -25         | Pass   |
| 2300        | 2320       | 1         | /      | 5          | 2317.720   | -48.41      | -13         | Pass   |
| 2320        | 2324       | 1         | /      | 6          | 2320.200   | -48.73      | -25         | Pass   |
| 2324        | 2328       | 1         | /      | 7          | 2325.780   | -47.50      | -31         | Pass   |
| 2328        | 2337       | 1         | /      | 8          | 2335.855   | -43.67      | -37         | Pass   |
| 2337        | 2341       | 1         | /      | 9          | 2340.815   | -42.72      | -31         | Pass   |
| 2341        | 2345       | 1         | /      | 10         | 2344.845   | -28.36      | -25         | Pass   |

## 6. Field Strength of Spurious Radiation

| LTE Band 40 2350-2360-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 |
| 4700.5                            | -64.49     | -40         | -24.49          | -69.75           | 4.44            | 9.7                | Horizontal         | Pass   |
| 7050.75                           | -60.32     | -40         | -20.32          | -66.59           | 4.92            | 11.19              | Horizontal         | Pass   |
| 9401.0                            | -56.59     | -40         | -16.59          | -64.52           | 5.3             | 13.23              | Horizontal         | Pass   |
| 4700.5                            | -64.29     | -40         | -24.29          | -69.55           | 4.44            | 9.7                | Vertical           | Pass   |
| 7050.75                           | -60.24     | -40         | -20.24          | -66.51           | 4.92            | 11.19              | Vertical           | Pass   |
| 9401.0                            | -56.76     | -40         | -16.76          | -64.69           | 5.3             | 13.23              | Vertical           | Pass   |

| LTE Band 40 2350-2360-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 |
| 4705.5                               | -64.38     | -40         | -24.38          | -69.64           | 4.44            | 9.7                | Horizontal         | Pass   |
| 7058.25                              | -60.34     | -40         | -20.34          | -66.62           | 4.92            | 11.2               | Horizontal         | Pass   |
| 9411.0                               | -56.6      | -40         | -16.6           | -64.52           | 5.31            | 13.23              | Horizontal         | Pass   |
| 4705.5                               | -64.23     | -40         | -24.23          | -69.49           | 4.44            | 9.7                | Vertical           | Pass   |
| 7058.25                              | -60.42     | -40         | -20.42          | -66.7            | 4.92            | 11.2               | Vertical           | Pass   |
| 9411.0                               | -56.64     | -40         | -16.64          | -64.56           | 5.31            | 13.23              | Vertical           | Pass   |

| LTE Band 40 2350-2360-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 |
| 4710.5                             | -64.91     | -40         | -24.91          | -70.18           | 4.44            | 9.71               | Horizontal         | Pass   |
| 7065.75                            | -60.84     | -40         | -20.84          | -67.13           | 4.92            | 11.21              | Horizontal         | Pass   |
| 9421.0                             | -57.12     | -40         | -17.12          | -65.05           | 5.31            | 13.24              | Horizontal         | Pass   |
| 4710.5                             | -64.78     | -40         | -24.78          | -70.05           | 4.44            | 9.71               | Vertical           | Pass   |
| 7065.75                            | -60.54     | -40         | -20.54          | -66.83           | 4.92            | 11.21              | Vertical           | Pass   |
| 9421.0                             | -57.21     | -40         | -17.21          | -65.14           | 5.31            | 13.24              | Vertical           | Pass   |

---End of Attachment---