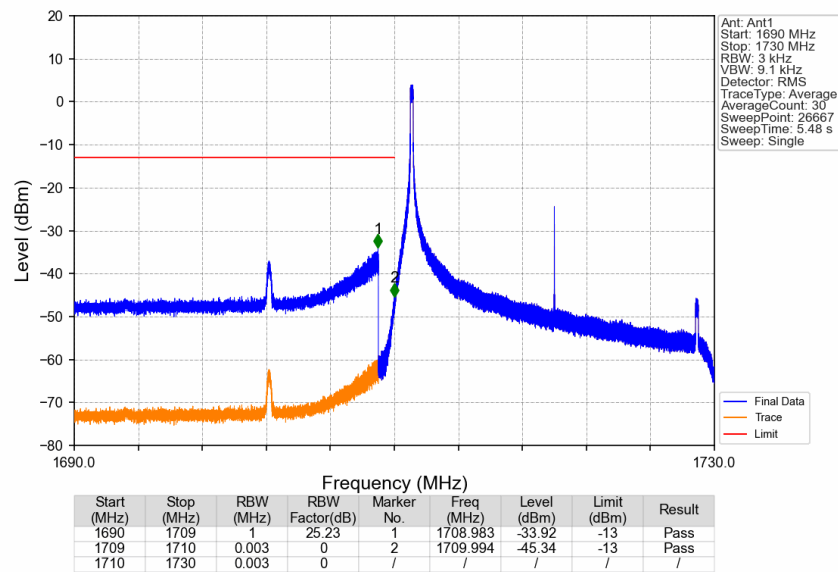
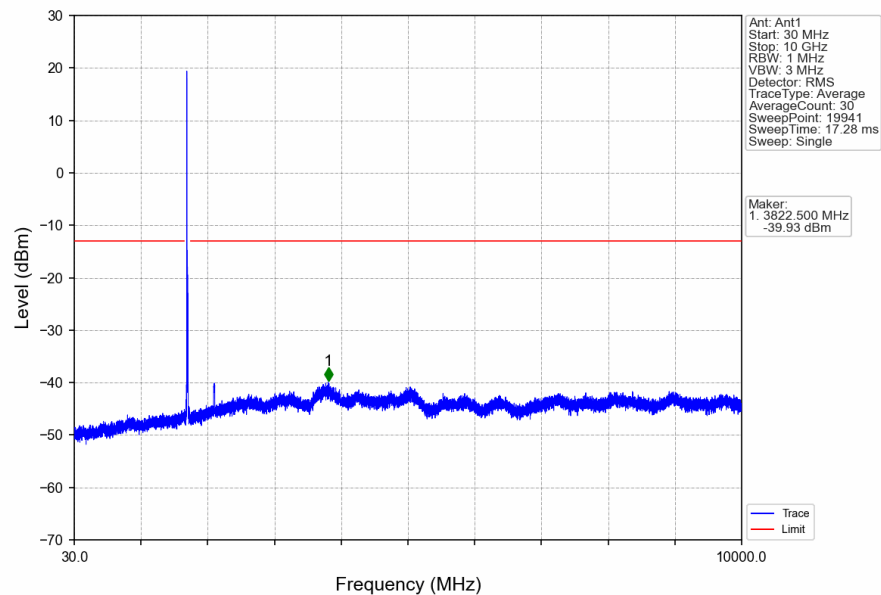


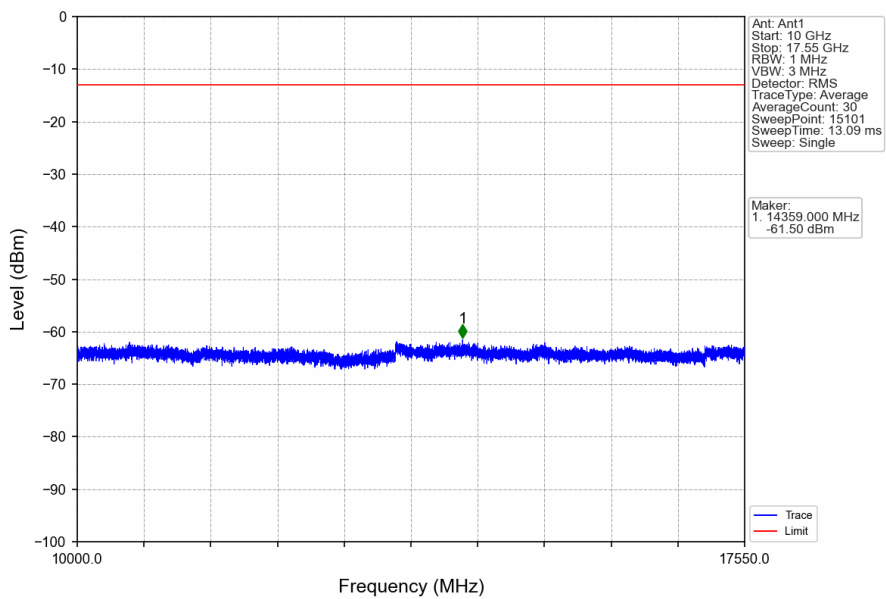
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



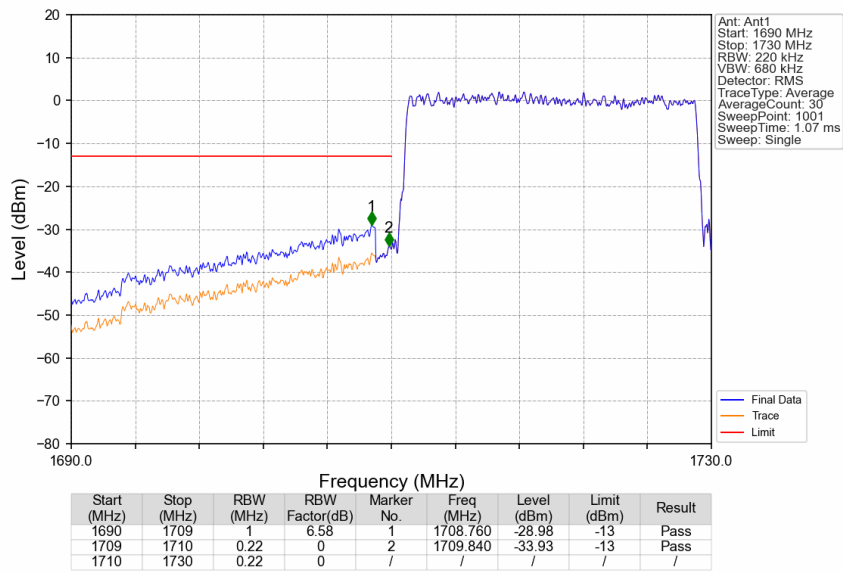
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



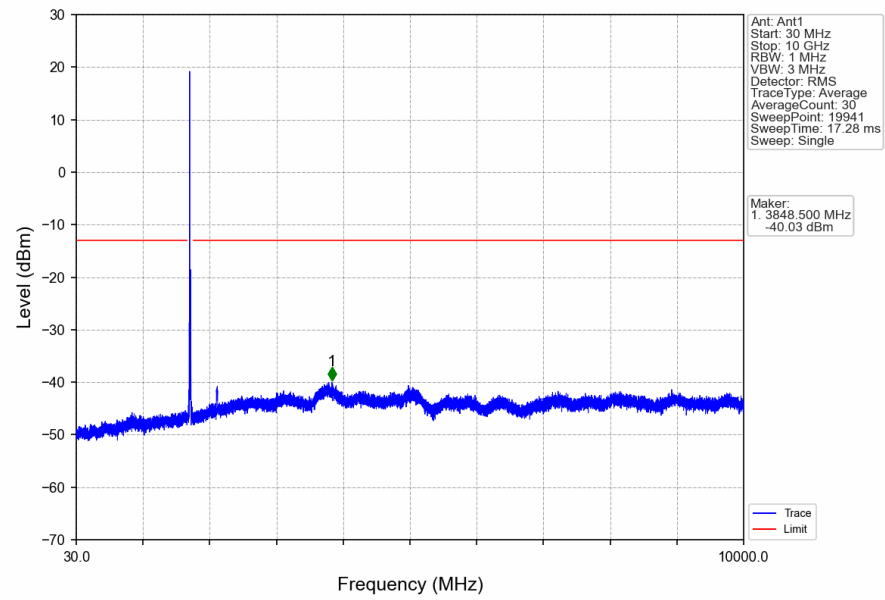
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



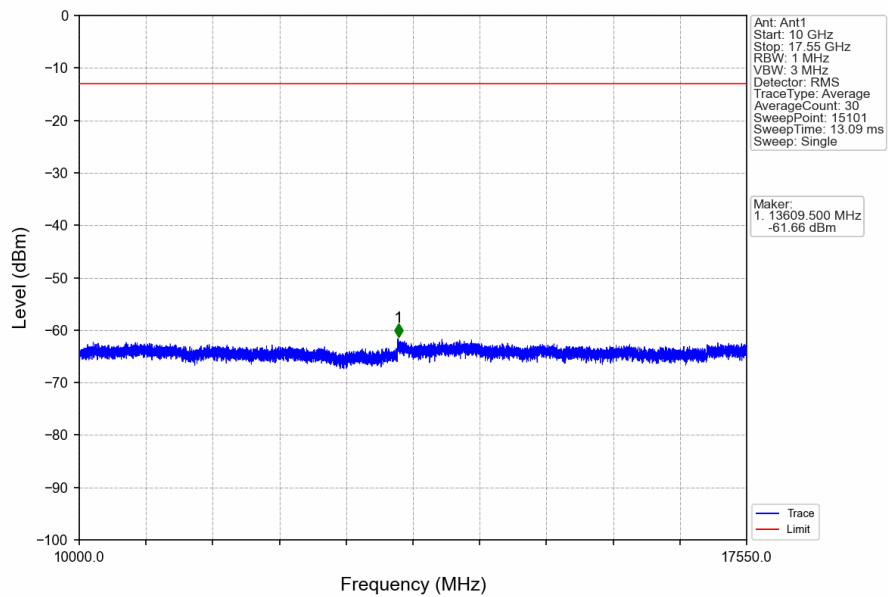
Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



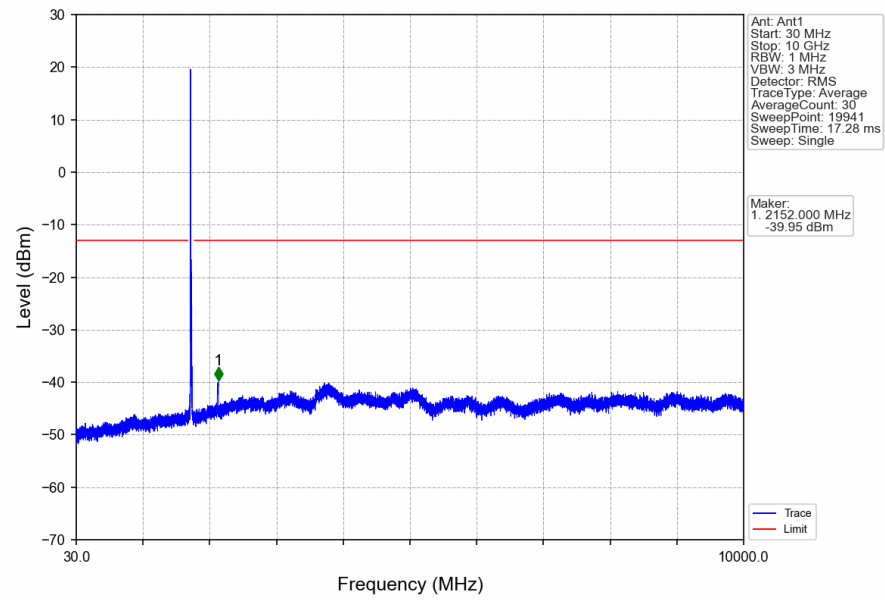
Band4\_20MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



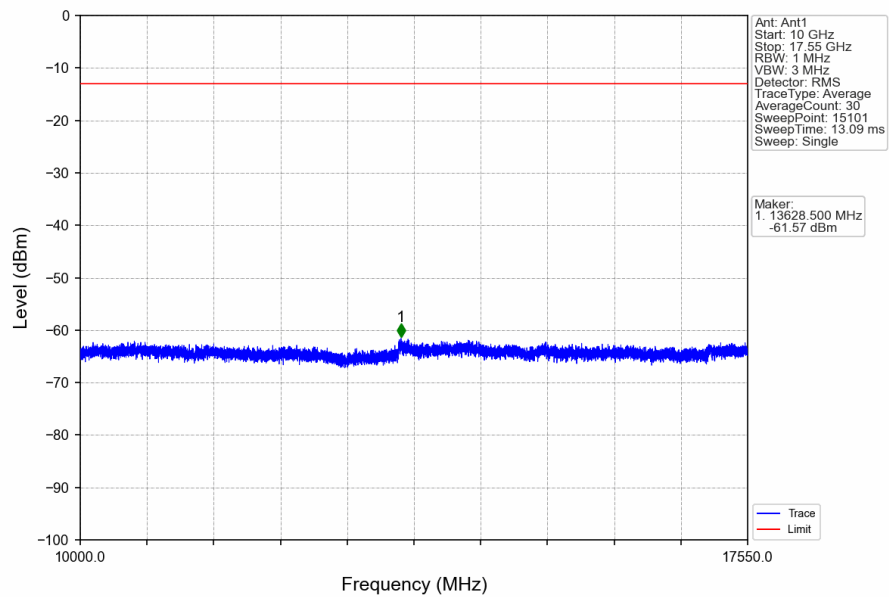
Band4\_20MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



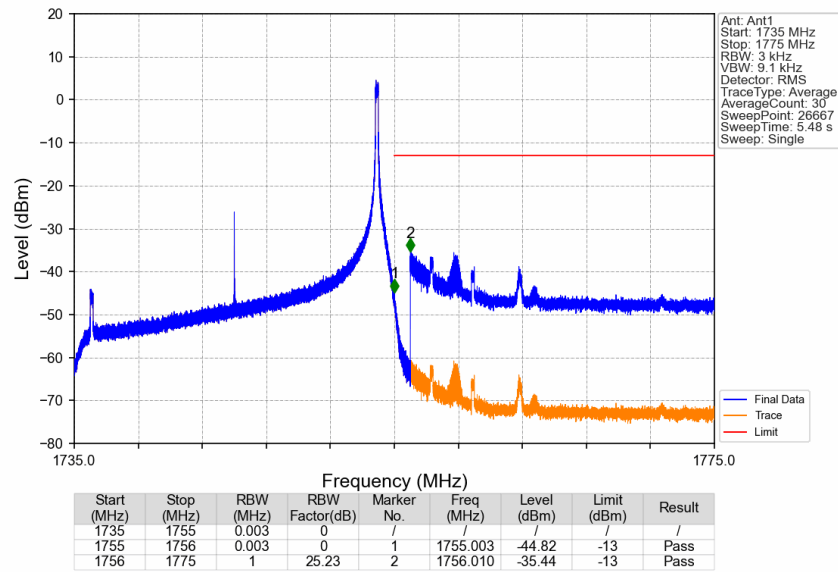
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



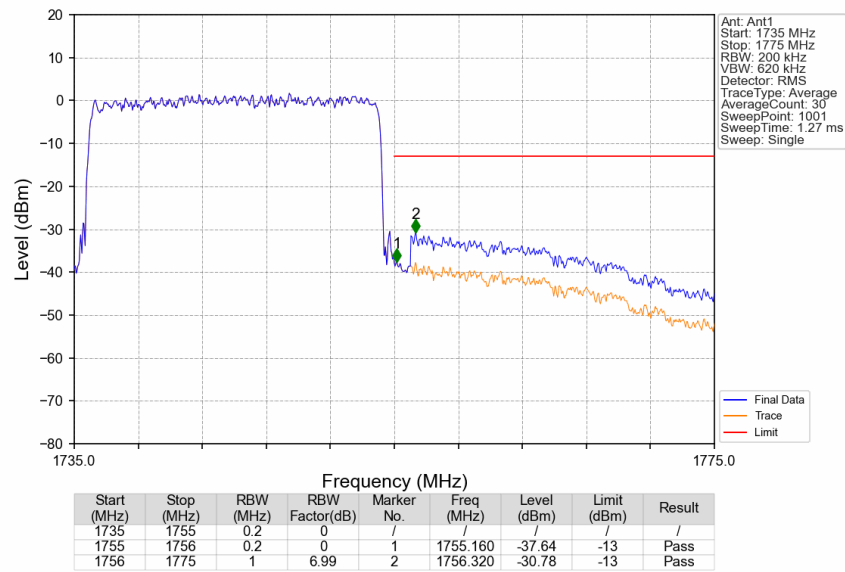
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



Band4\_20MHz\_16QAM\_HCH\_1745MHz\_RB\_1\_99\_NTNV



Band4\_20MHz\_16QAM\_HCH\_1745MHz\_RB\_100\_0\_NTNV



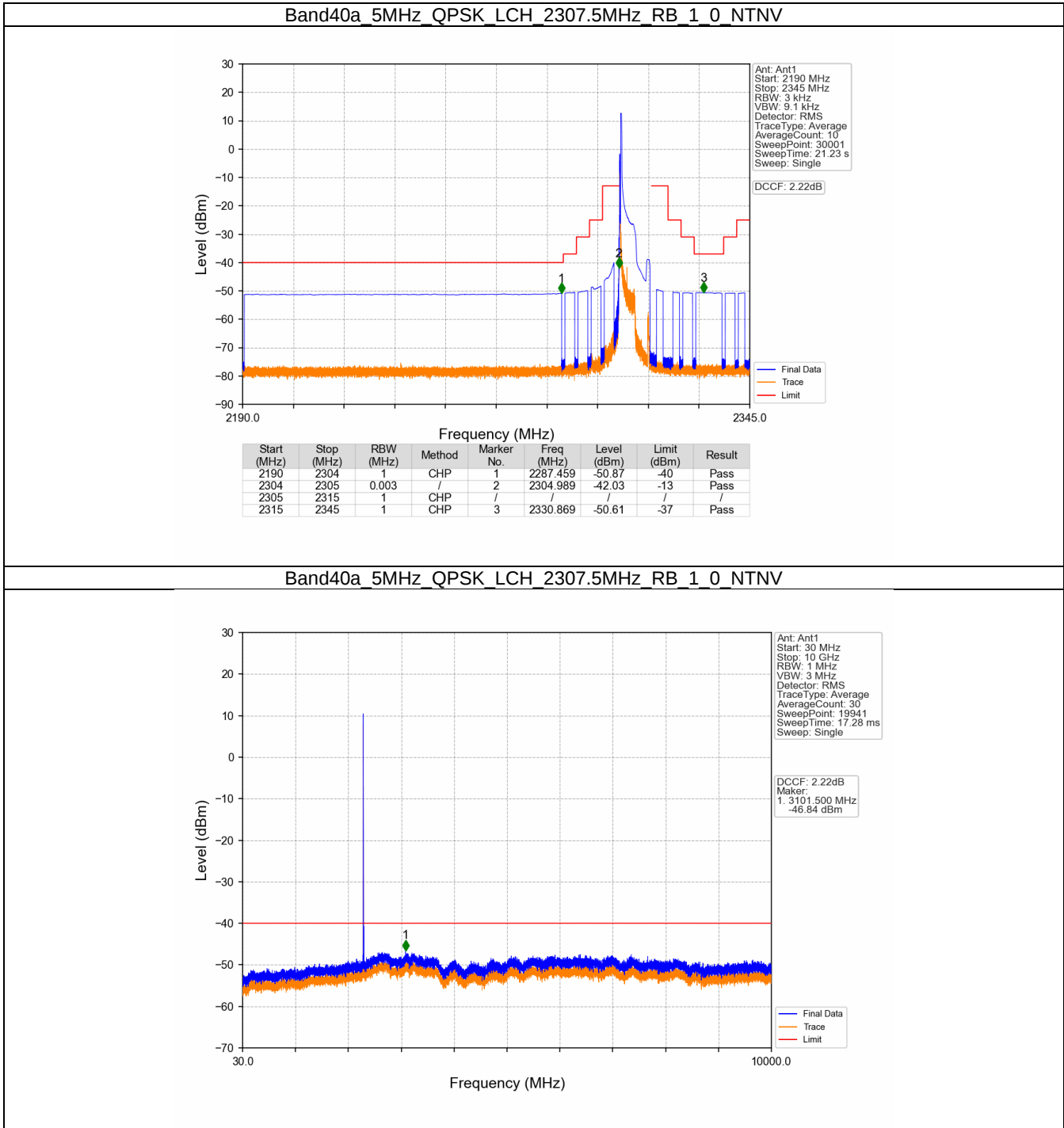
## 4. Spurious Emission

### 4.1 B40a\_5MHz

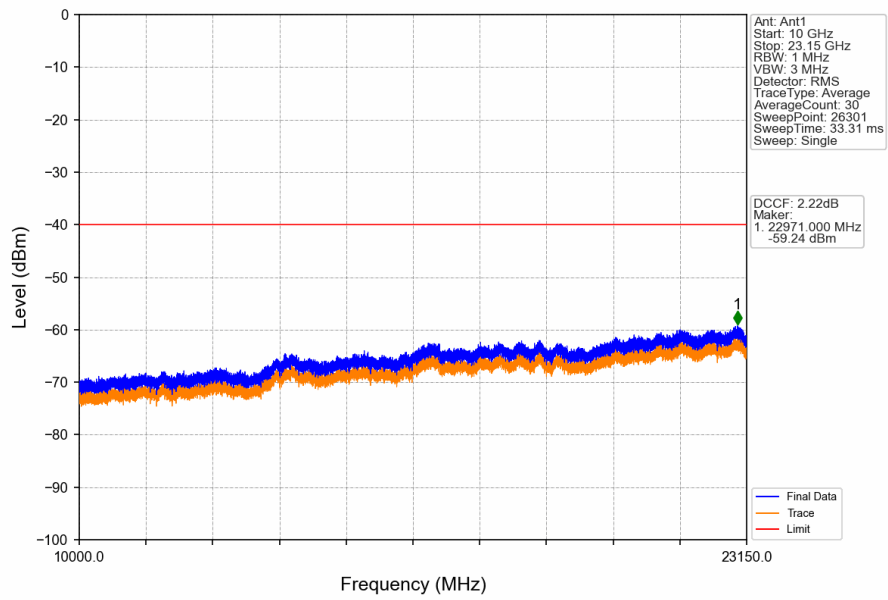
#### 4.1.1 Test Result

| Band: 40a / Bandwidth: 5MHz / NTNV |                 |               |        |                     |       |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       |
|                                    |                 | Size          | Offset | Result              | Limit |
| QPSK                               | 2307.5          | 1             | 0      | Refer To Test Graph | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph | Pass  |
|                                    | 2310            | 1             | 0      | Refer To Test Graph | Pass  |
|                                    |                 | 1             | 0      | Refer To Test Graph | Pass  |
|                                    |                 |               | 24     | Refer To Test Graph | Pass  |
|                                    |                 |               | 0      | Refer To Test Graph | Pass  |
| 16QAM                              | 2307.5          | 1             | 0      | Refer To Test Graph | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph | Pass  |
|                                    | 2310            | 1             | 0      | Refer To Test Graph | Pass  |
|                                    |                 | 1             | 0      | Refer To Test Graph | Pass  |
|                                    |                 |               | 24     | Refer To Test Graph | Pass  |
|                                    |                 |               | 0      | Refer To Test Graph | Pass  |
|                                    | 2312.5          | 1             | 0      | Refer To Test Graph | Pass  |
|                                    |                 | 25            | 0      | Refer To Test Graph | Pass  |

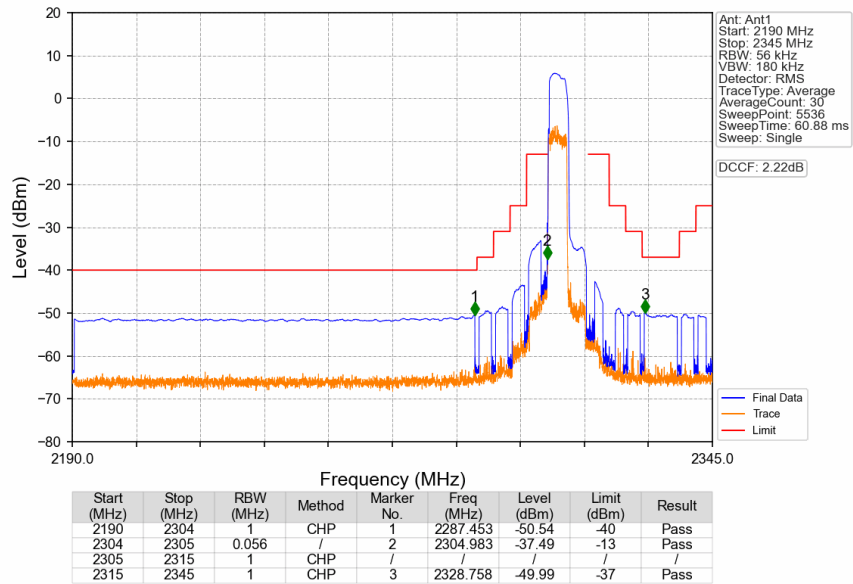
4.1.2 Test Graph



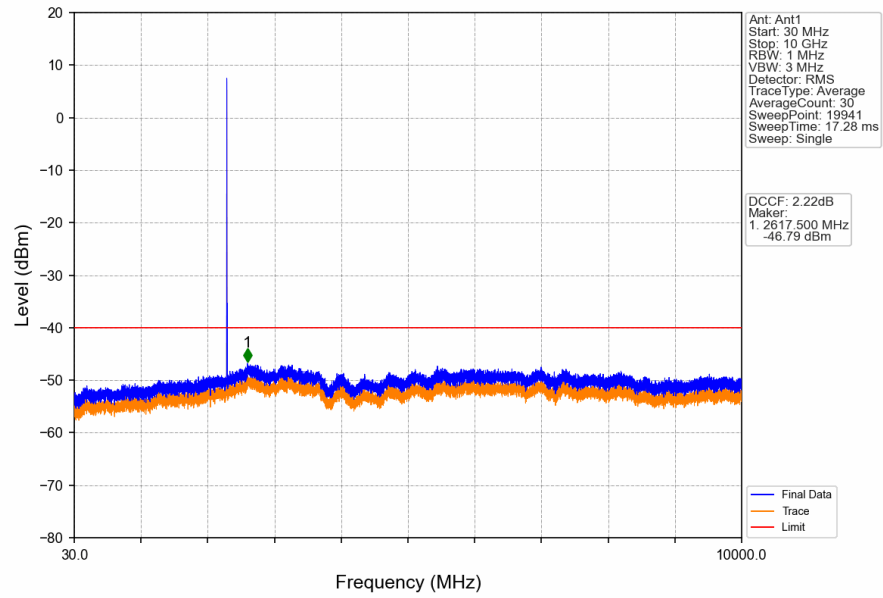
# Band40a\_5MHz\_QPSK\_LCH\_2307.5MHz\_RB\_1\_0\_NTNV



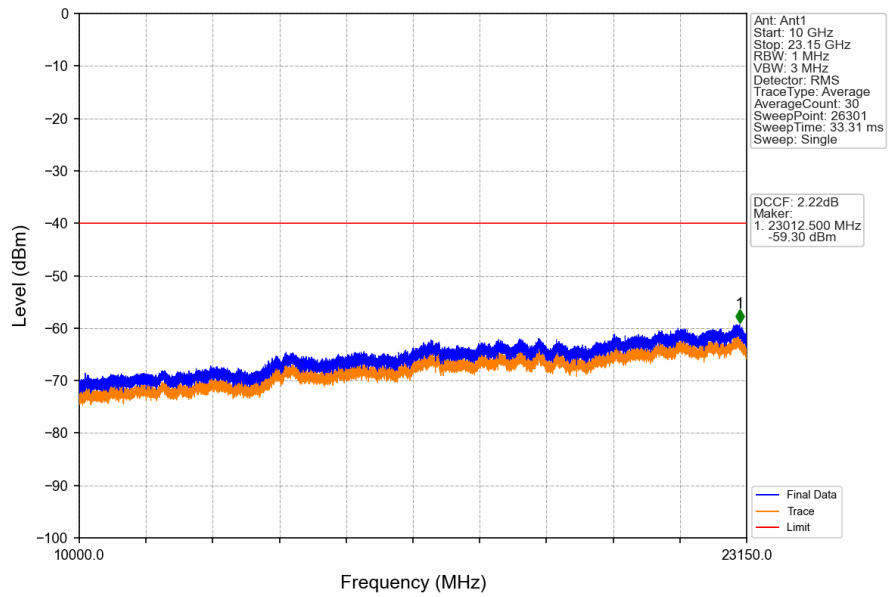
# Band40a\_5MHz\_QPSK\_LCH\_2307.5MHz\_RB\_25\_0\_NTNV



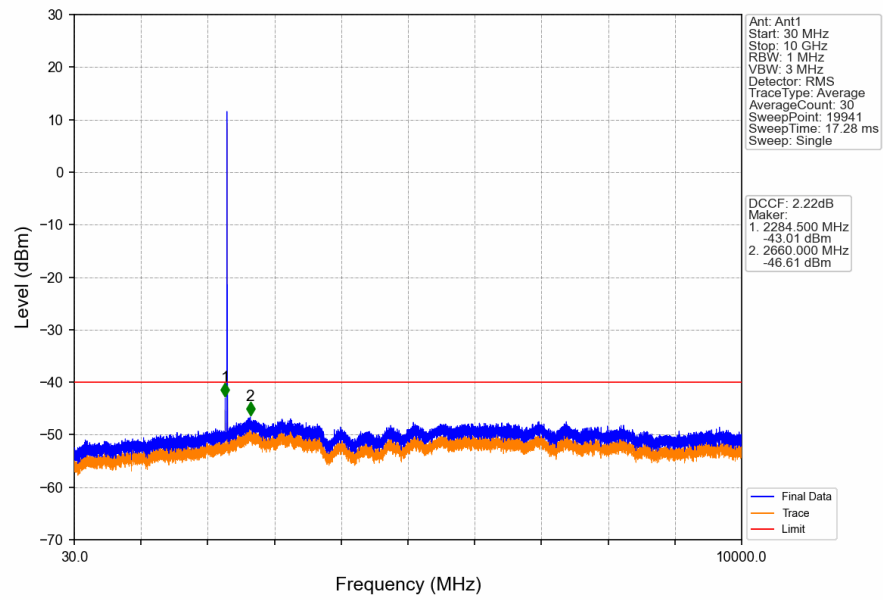
# Band40a 5MHz QPSK MCH 2310MHz RB 1 0 NTNV



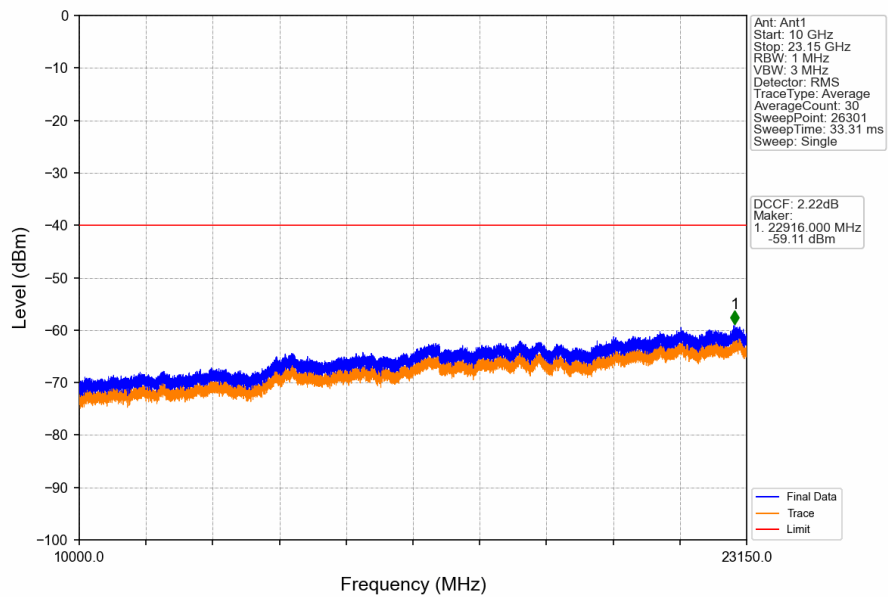
# Band40a 5MHz QPSK MCH 2310MHz RB 1 0 NTNV



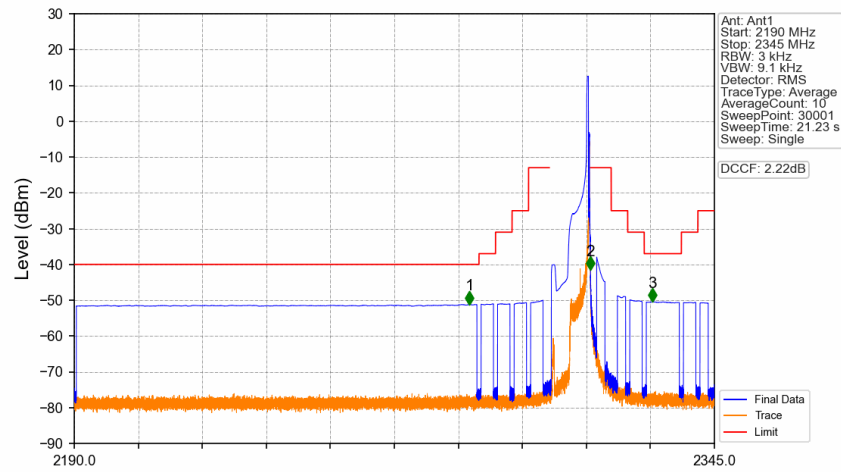
Band40a\_5MHz\_QPSK\_HCH\_2312.5MHz\_RB\_1\_0\_NTNV



Band40a\_5MHz\_QPSK\_HCH\_2312.5MHz\_RB\_1\_0\_NTNV

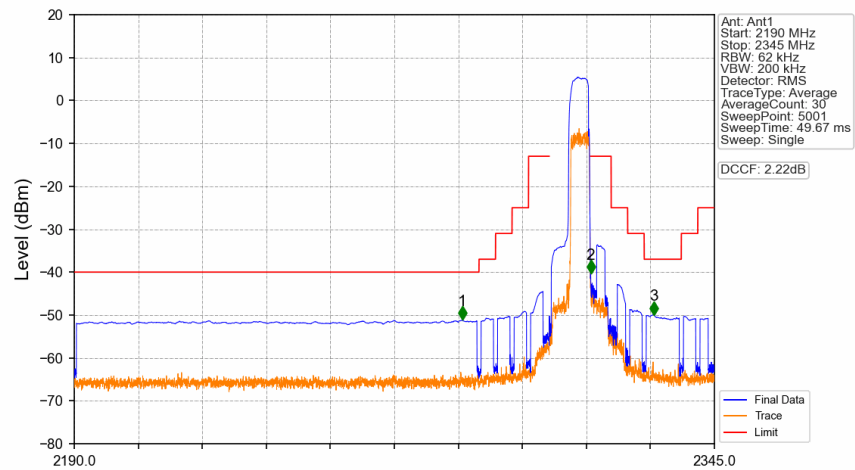


# Band40a\_5MHz\_QPSK\_HCH\_2312.5MHz\_RB\_1\_24\_NTNV



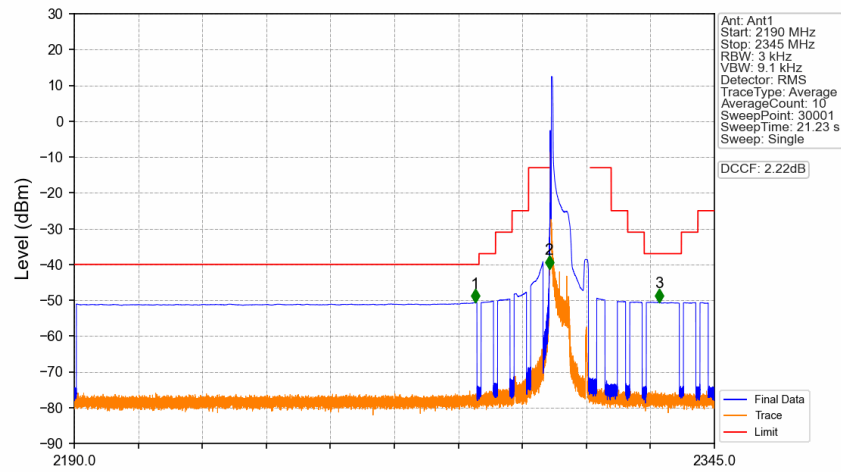
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2305       | 1         | CHP    | 1          | 2285.671   | -51.20      | -40         | Pass   |
| 2305        | 2315       | 1         | CHP    | /          | /          | /           | /           | /      |
| 2315        | 2316       | 0.003     | /      | 2          | 2315.008   | -41.53      | -13         | Pass   |
| 2316        | 2345       | 1         | CHP    | 3          | 2329.986   | -50.47      | -37         | Pass   |

# Band40a\_5MHz\_QPSK\_HCH\_2312.5MHz\_RB\_25\_0\_NTNV



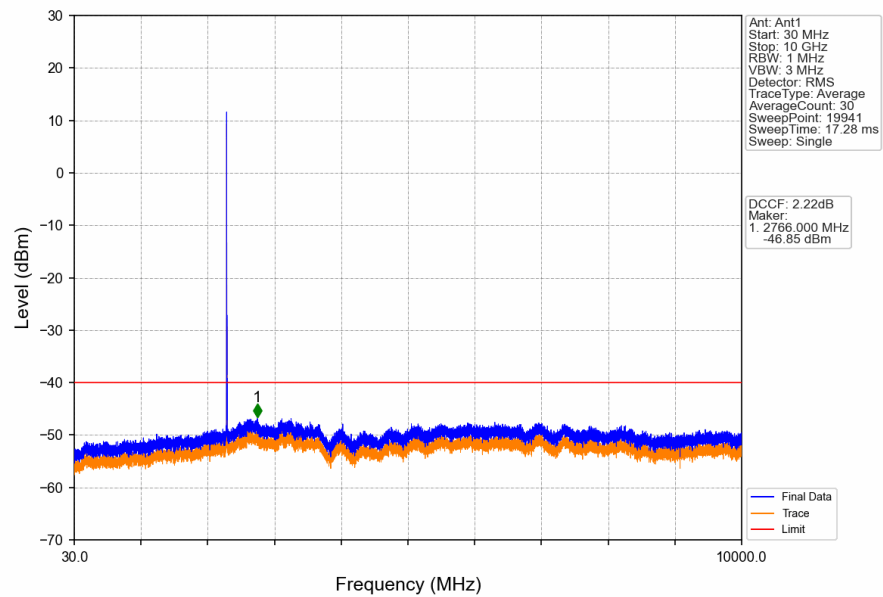
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2305       | 1         | CHP    | 1          | 2283.961   | -51.15      | -40         | Pass   |
| 2305        | 2315       | 1         | CHP    | /          | /          | /           | /           | /      |
| 2315        | 2316       | 0.062     | /      | 2          | 2315.054   | -40.33      | -13         | Pass   |
| 2316        | 2345       | 1         | CHP    | 3          | 2330.275   | -49.96      | -37         | Pass   |

Band40a 5MHz 16QAM LCH 2307.5MHz RB 1 0 NTN

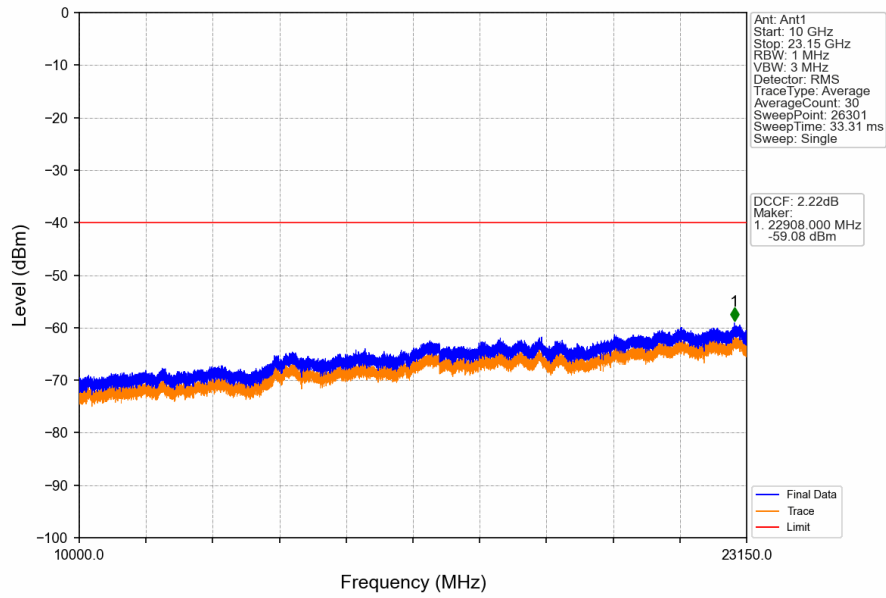


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2304       | 1         | CHP    | 1          | 2287.061   | -50.69      | -40         | Pass   |
| 2304        | 2305       | 0.003     | /      | 2          | 2305.000   | -41.23      | -13         | Pass   |
| 2305        | 2315       | 1         | CHP    | /          | /          | /           | /           | /      |
| 2315        | 2345       | 1         | CHP    | 3          | 2331.665   | -50.55      | -37         | Pass   |

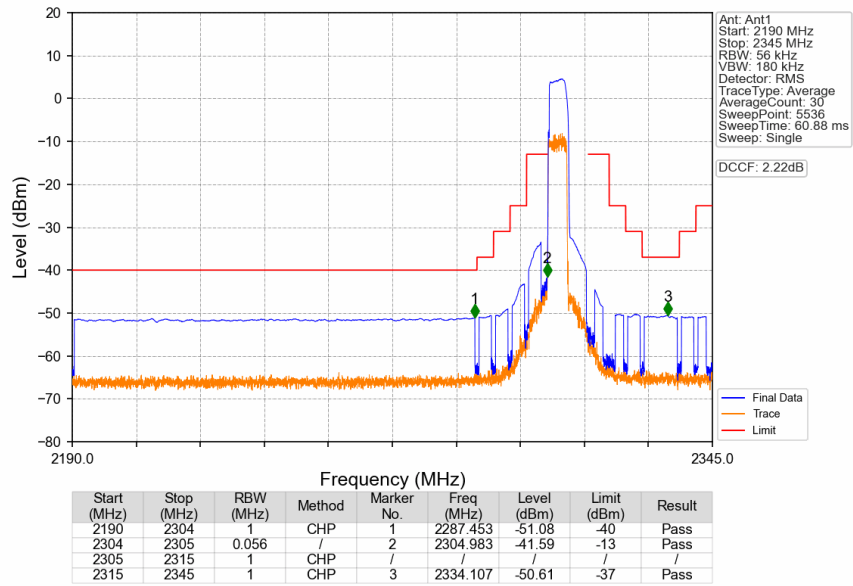
Band40a 5MHz 16QAM LCH 2307.5MHz RB 1 0 NTN



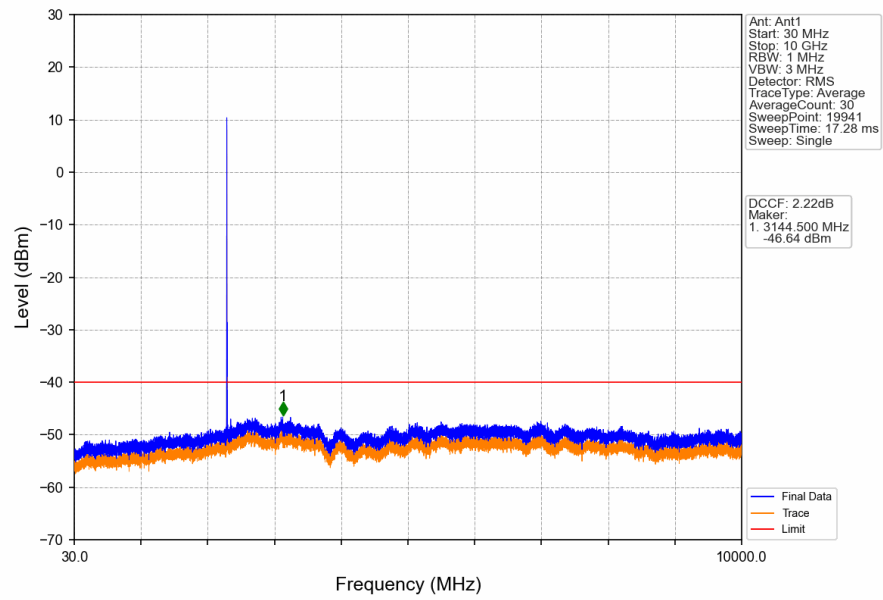
# Band40a 5MHz 16QAM LCH 2307.5MHz RB 1 0 NTN



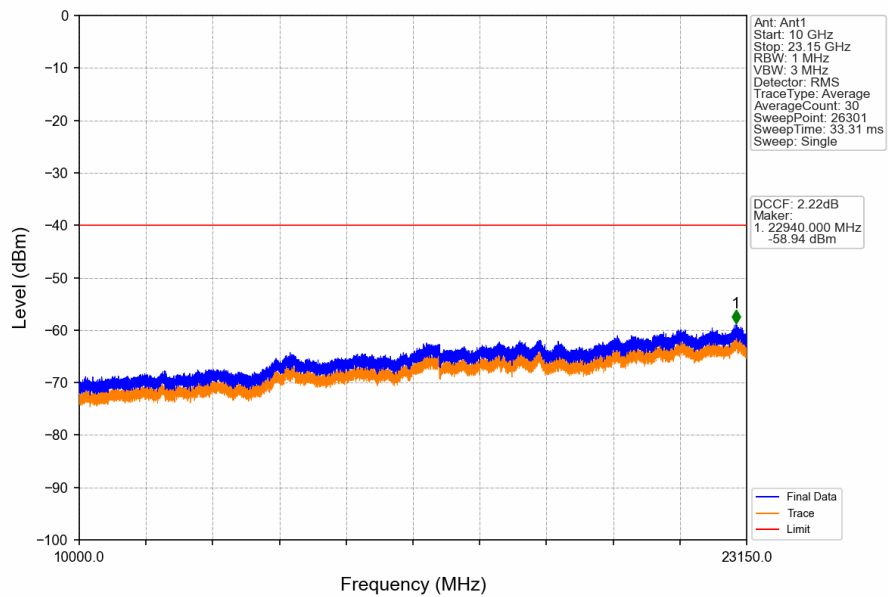
# Band40a 5MHz 16QAM LCH 2307.5MHz RB 25 0 NTN



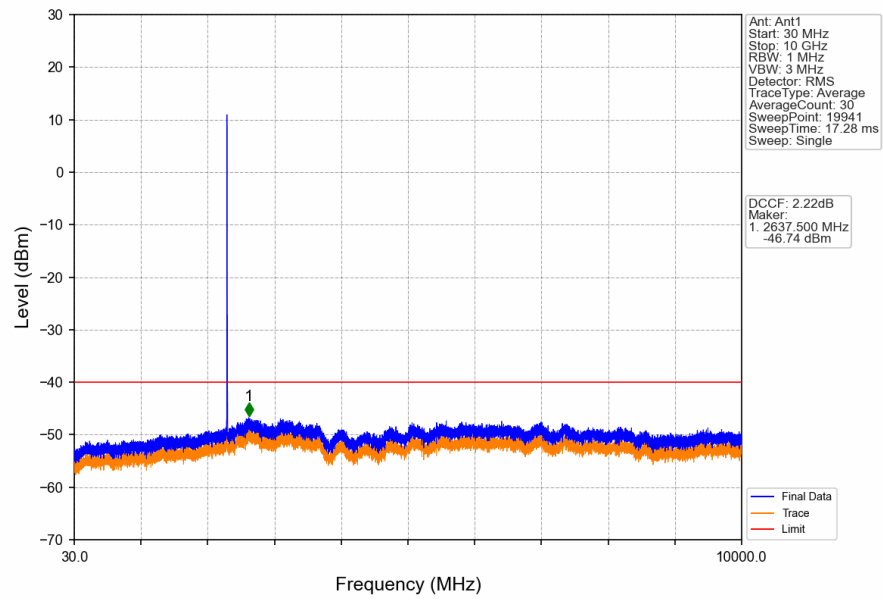
Band40a\_5MHz\_16QAM\_MCH\_2310MHz\_RB\_1\_0\_NTNV



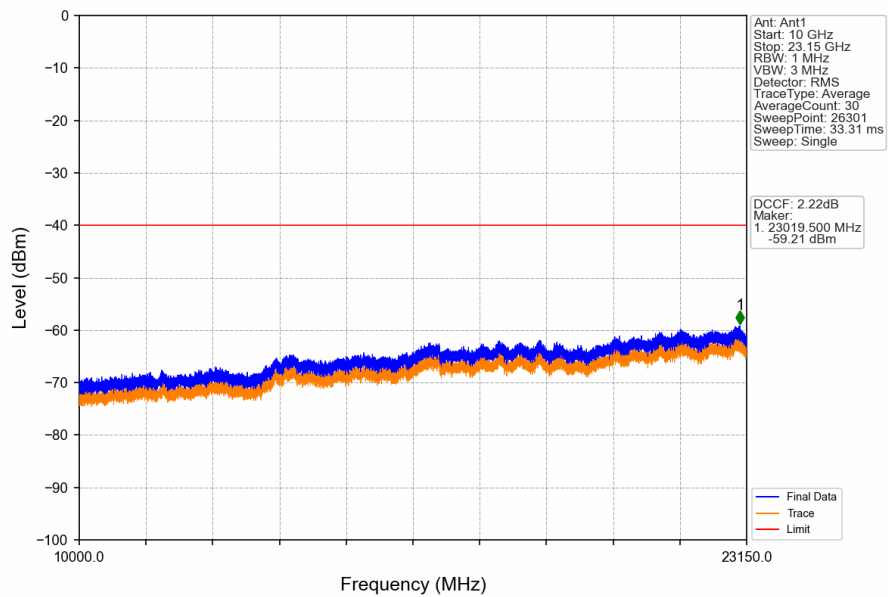
Band40a\_5MHz\_16QAM\_MCH\_2310MHz\_RB\_1\_0\_NTNV



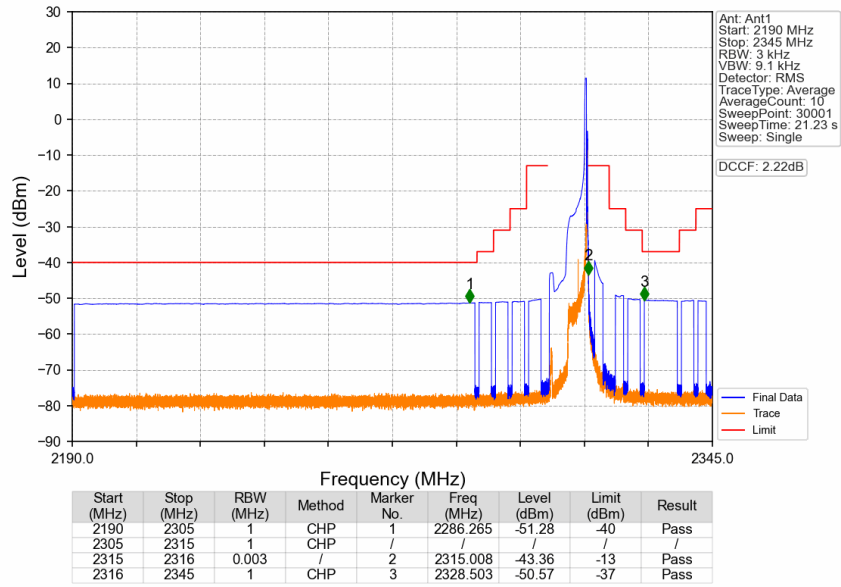
Band40a\_5MHz\_16QAM\_HCH\_2312.5MHz\_RB\_1\_0\_NTNV



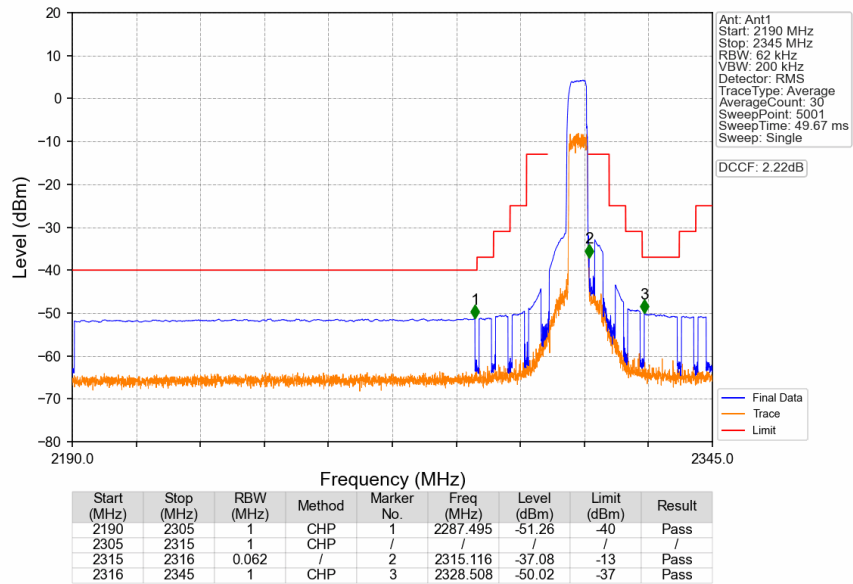
Band40a\_5MHz\_16QAM\_HCH\_2312.5MHz\_RB\_1\_0\_NTNV



Band40a\_5MHz\_16QAM\_HCH\_2312.5MHz\_RB\_1\_24\_NTNV



Band40a\_5MHz\_16QAM\_HCH\_2312.5MHz\_RB\_25\_0\_NTNV

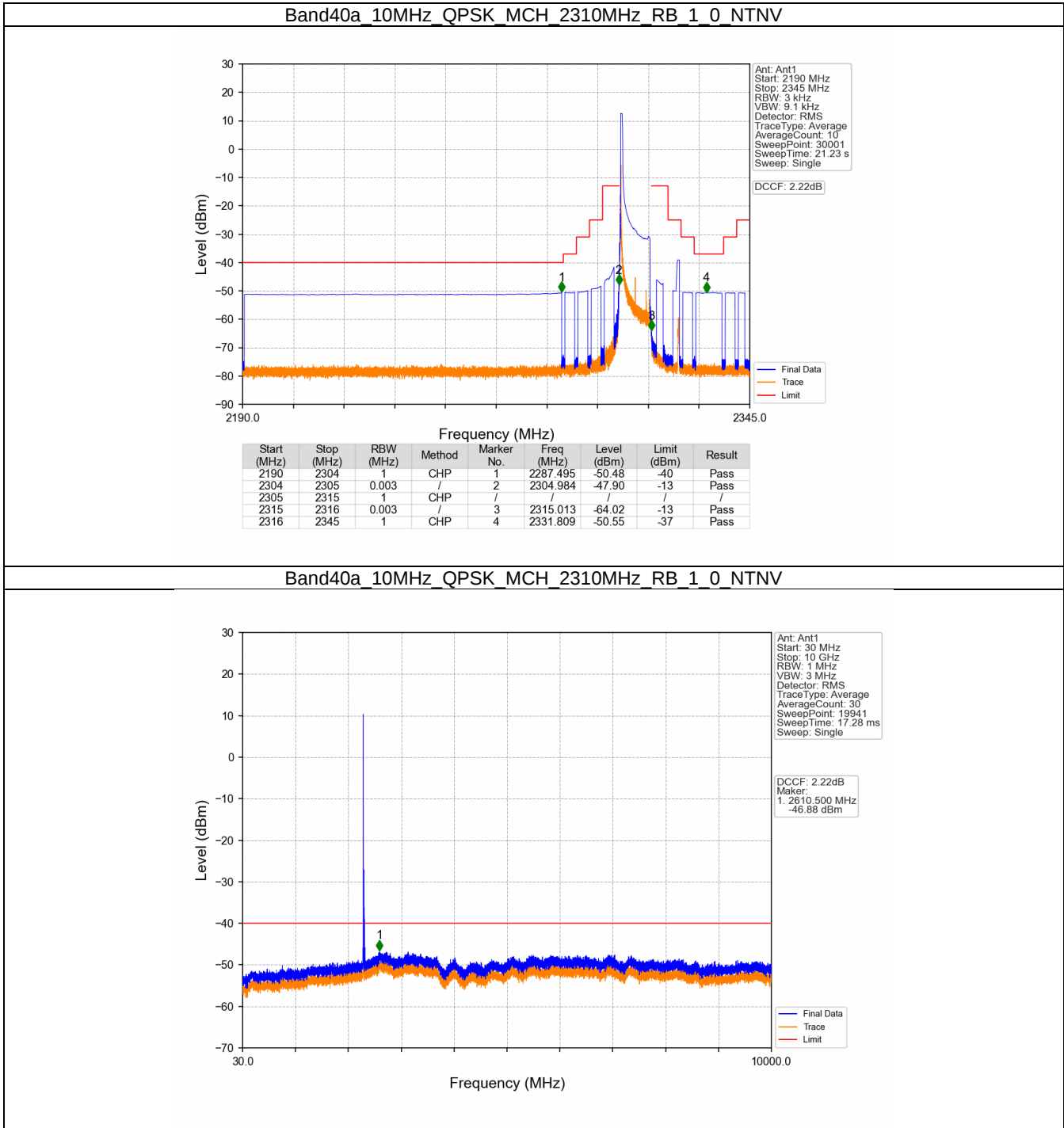


## 4.2 B40a\_10MHz

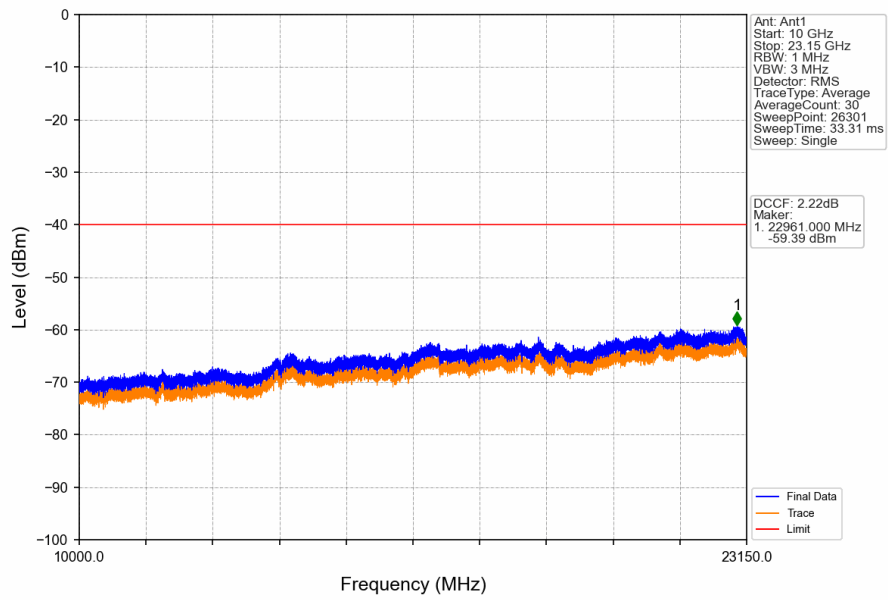
### 4.2.1 Test Result

| Band: 40a / Bandwidth: 10MHz / NTNv |                 |               |        |                     |       |         |
|-------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                     |                 | Size          | Offset | Result              | Limit |         |
| QPSK                                | 2310            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                     |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                               | 2310            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                     |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

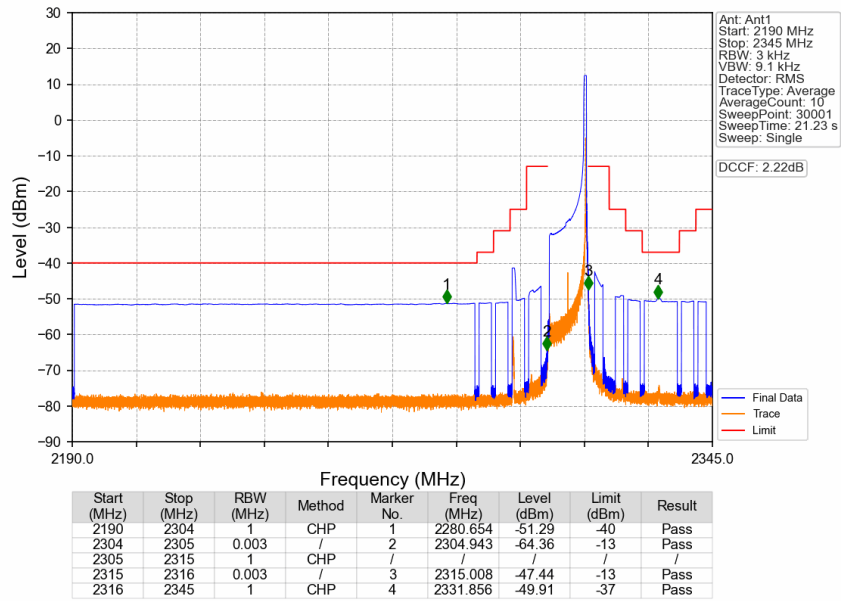
4.2.2 Test Graph



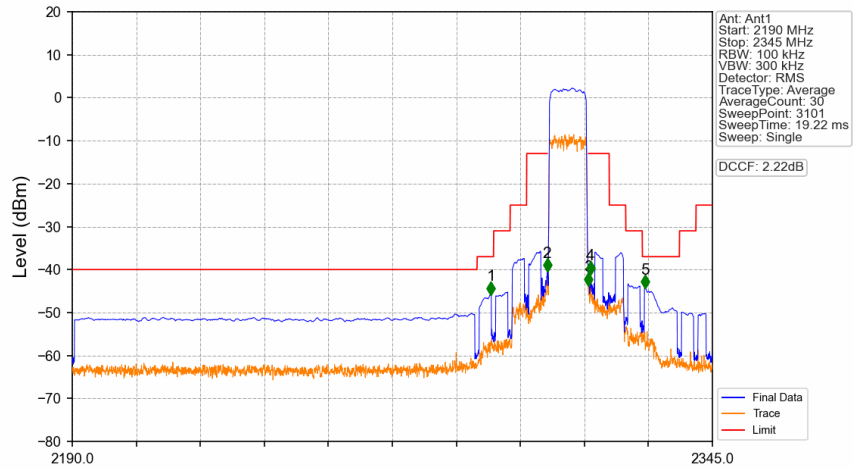
# Band40a\_10MHz\_QPSK\_MCH\_2310MHz\_RB\_1\_0\_NTNV



# Band40a\_10MHz\_QPSK\_MCH\_2310MHz\_RB\_1\_49\_NTNV

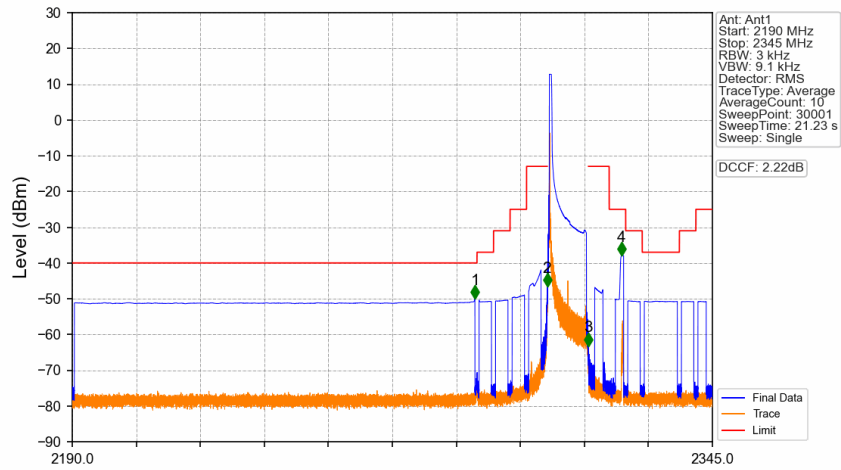


# Band40a\_10MHz\_QPSK\_MCH\_2310MHz\_RB\_50\_0\_NTNV



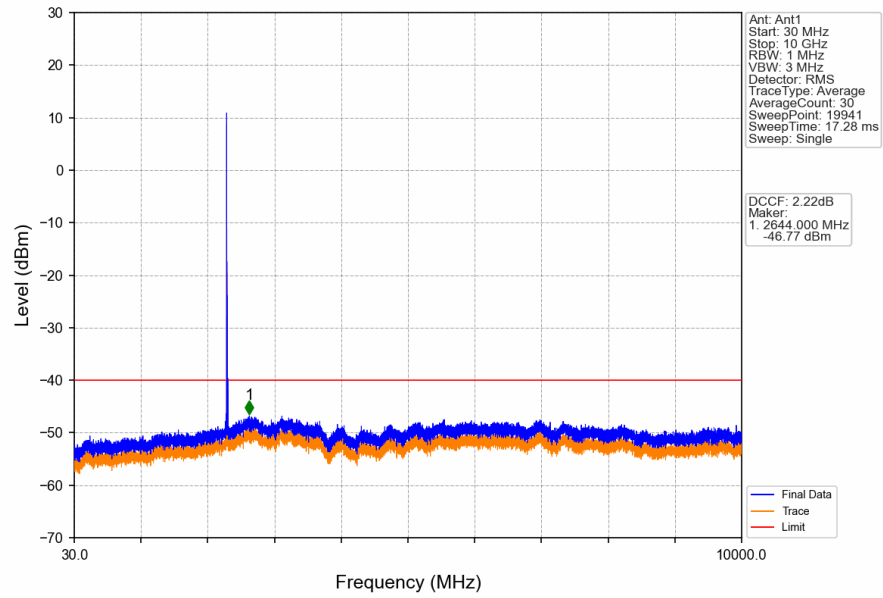
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2304       | 1         | CHP    | 1          | 2291.400   | -45.87      | -37         | Pass   |
| 2304        | 2305       | 0.1       | /      | 2          | 2305.000   | -40.56      | -13         | Pass   |
| 2305        | 2315       | 1         | CHP    | /          | /          | /           | /           | /      |
| 2315        | 2315       | 1         | CHP    | 3          | 2315.000   | -43.77      | -13         | Pass   |
| 2315        | 2316       | 0.1       | /      | 4          | 2315.500   | -41.13      | -13         | Pass   |
| 2316        | 2345       | 1         | CHP    | 5          | 2328.700   | -44.32      | -37         | Pass   |

# Band40a\_10MHz\_16QAM\_MCH\_2310MHz\_RB\_1\_0\_NTNV

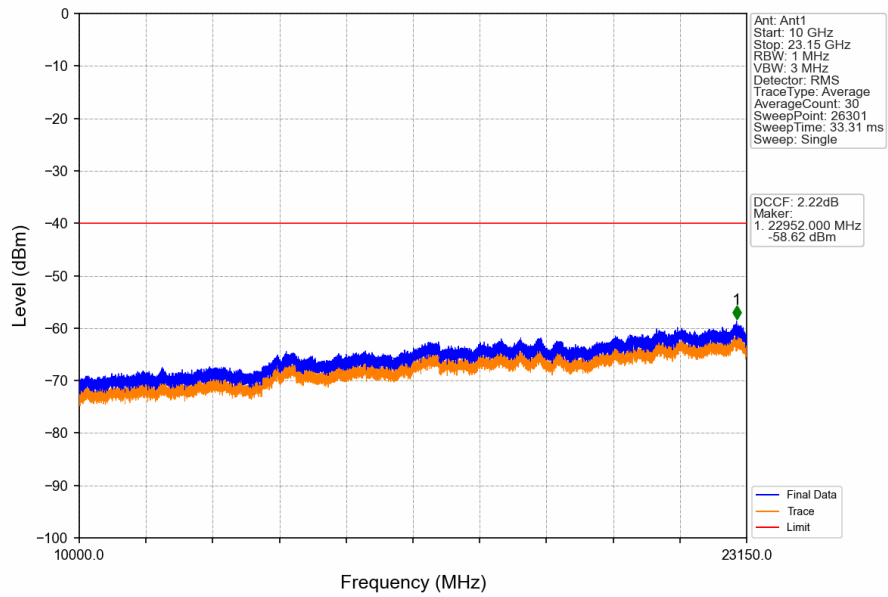


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2190        | 2304       | 1         | CHP    | 1          | 2287.495   | -50.06      | -40         | Pass   |
| 2304        | 2305       | 0.003     | /      | 2          | 2304.969   | -46.68      | -13         | Pass   |
| 2305        | 2315       | 1         | CHP    | /          | /          | /           | /           | /      |
| 2315        | 2316       | 0.003     | /      | 3          | 2315.008   | -63.25      | -13         | Pass   |
| 2316        | 2345       | 1         | CHP    | 4          | 2323.000   | -37.93      | -25         | Pass   |

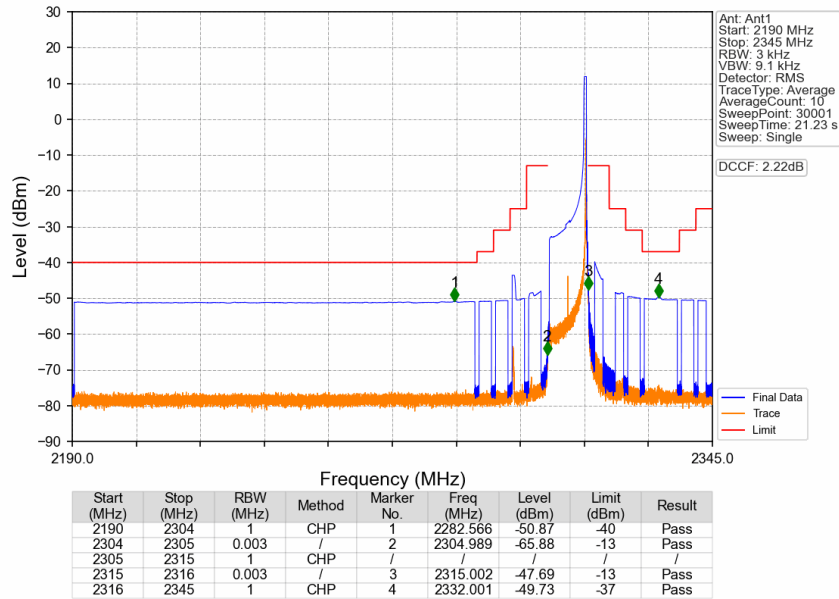
Band40a\_10MHz\_16QAM\_MCH\_2310MHz\_RB\_1\_0\_NTNV



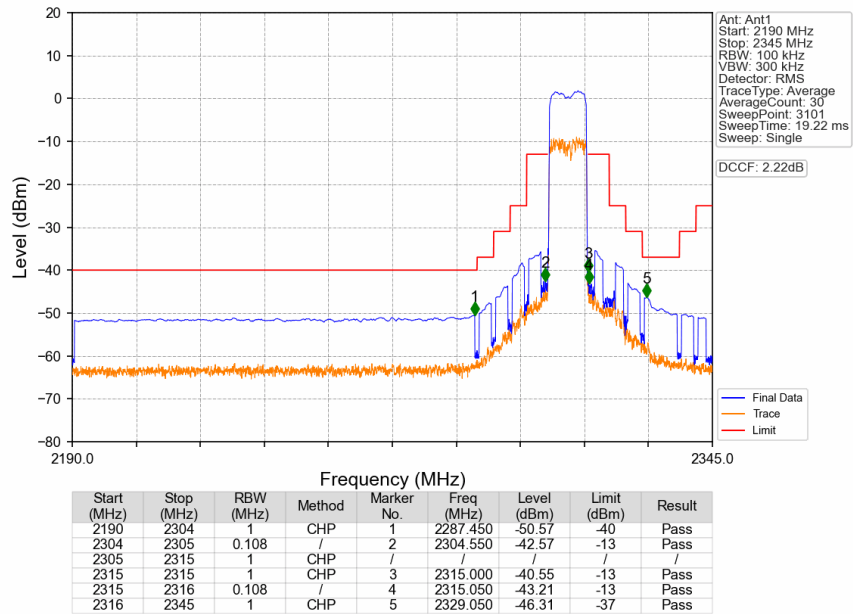
Band40a\_10MHz\_16QAM\_MCH\_2310MHz\_RB\_1\_0\_NTNV



# Band40a\_10MHz\_16QAM\_MCH\_2310MHz\_RB\_1\_49\_NTNV



# Band40a\_10MHz\_16QAM\_MCH\_2310MHz\_RB\_50\_0\_NTNV



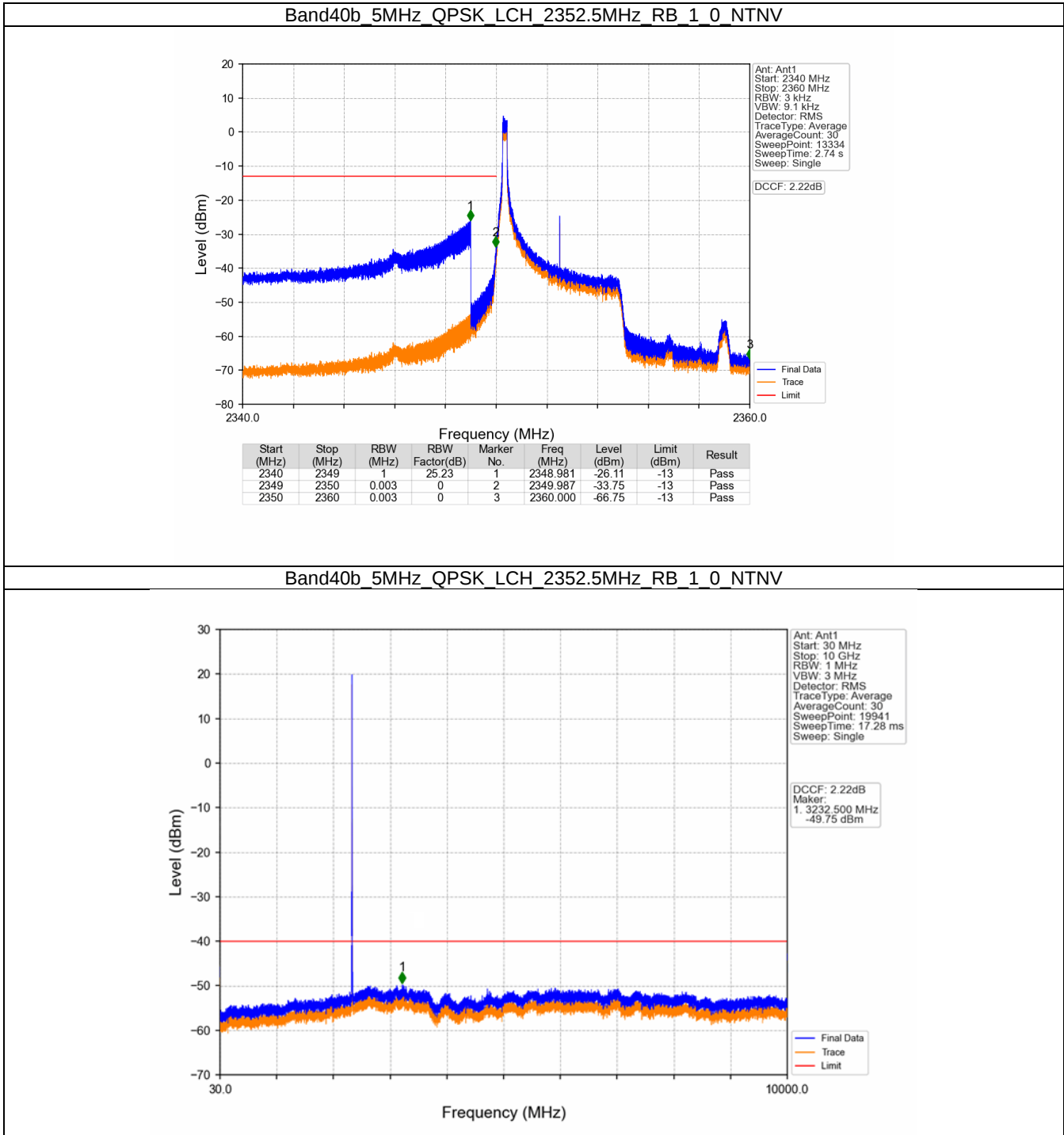
## 5. Spurious Emission

### 5.1 B40b\_5MHz

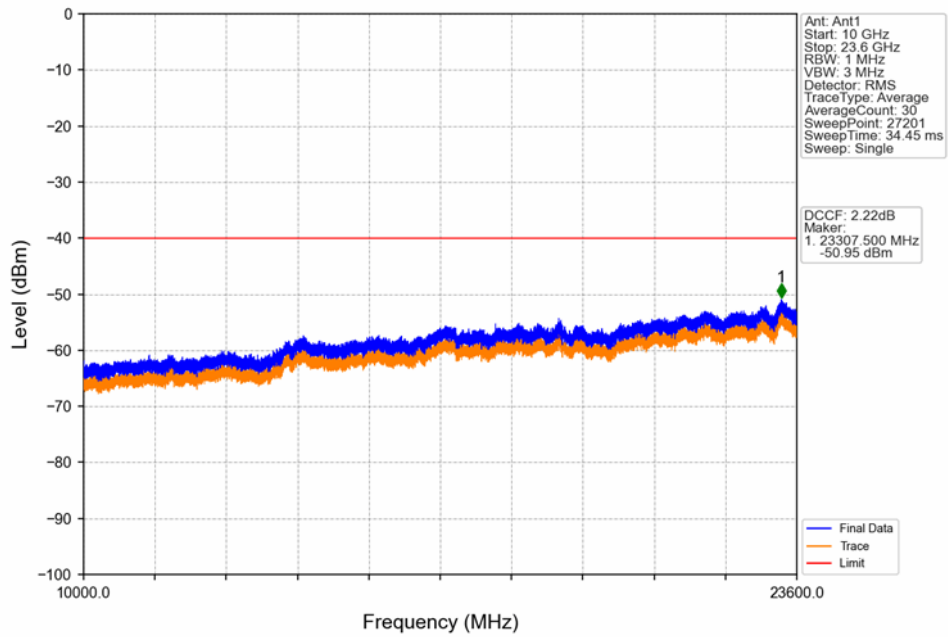
#### 5.1.1 Test Result

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

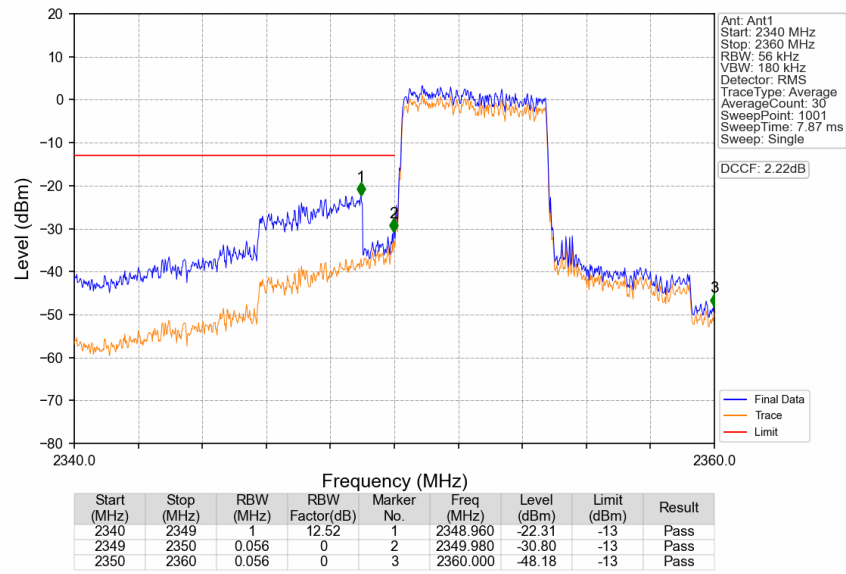
5.1.2 Test Graph



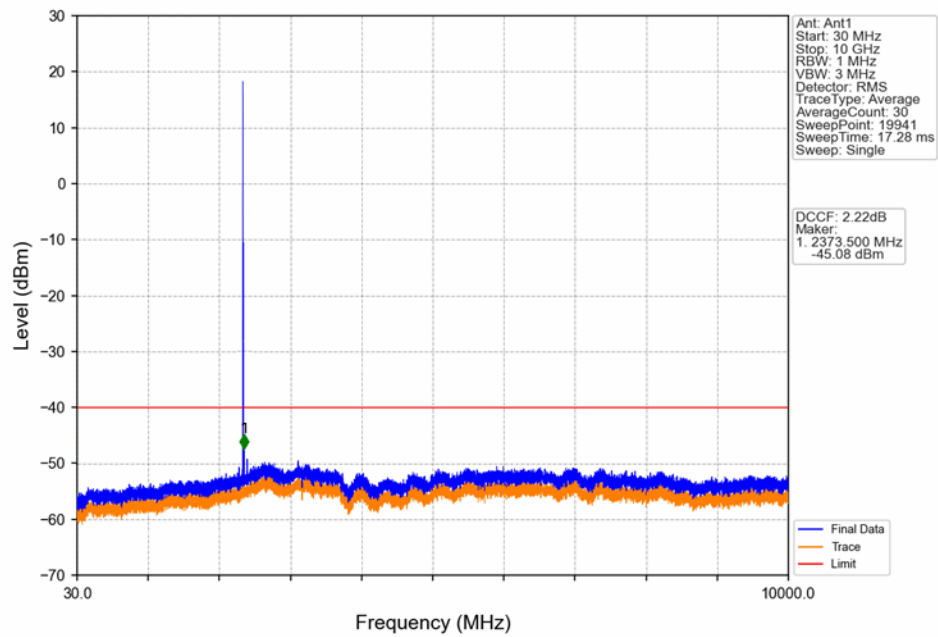
Band40b 5MHz QPSK LCH 2352.5MHz RB 1 0 NTNV



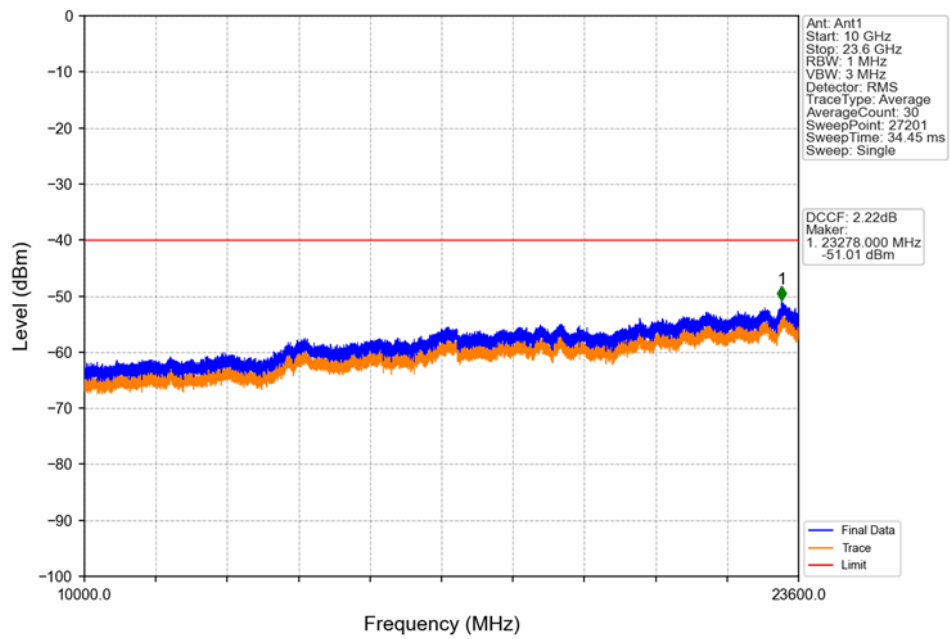
Band40b 5MHz QPSK LCH 2352.5MHz RB 25 0 NTNV



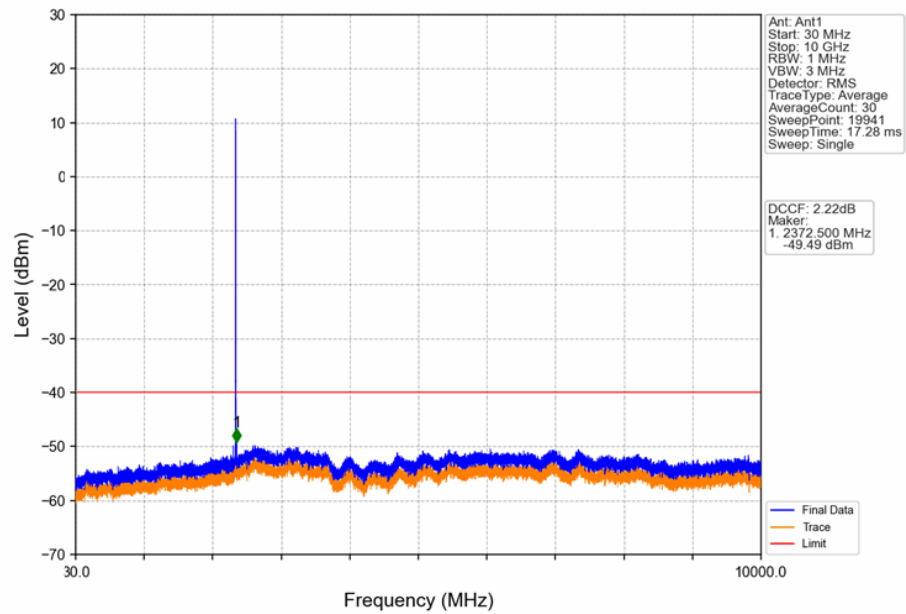
Band40b\_5MHz\_QPSK\_MCH\_2355MHz\_RB\_1\_0\_NTNV



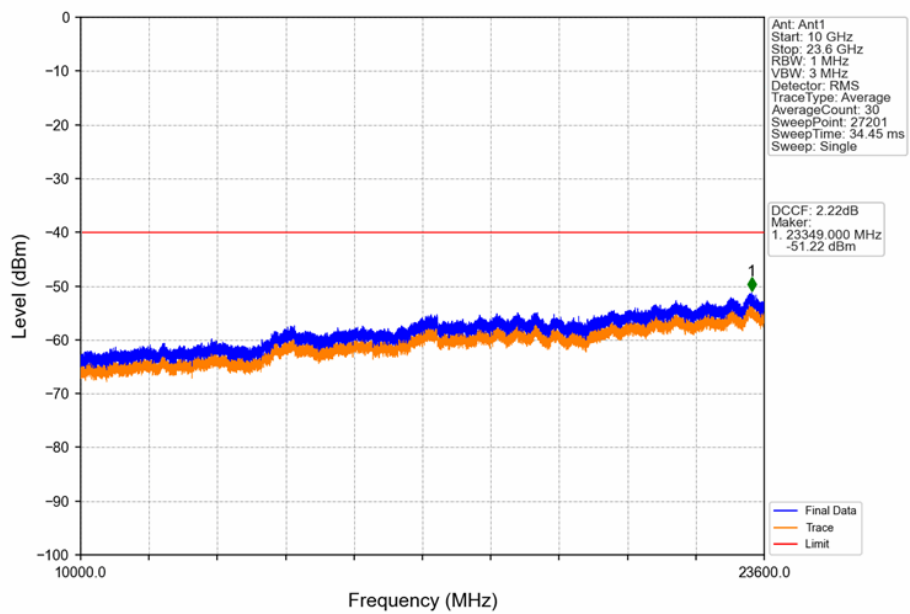
Band40b\_5MHz\_QPSK\_MCH\_2355MHz\_RB\_1\_0\_NTNV



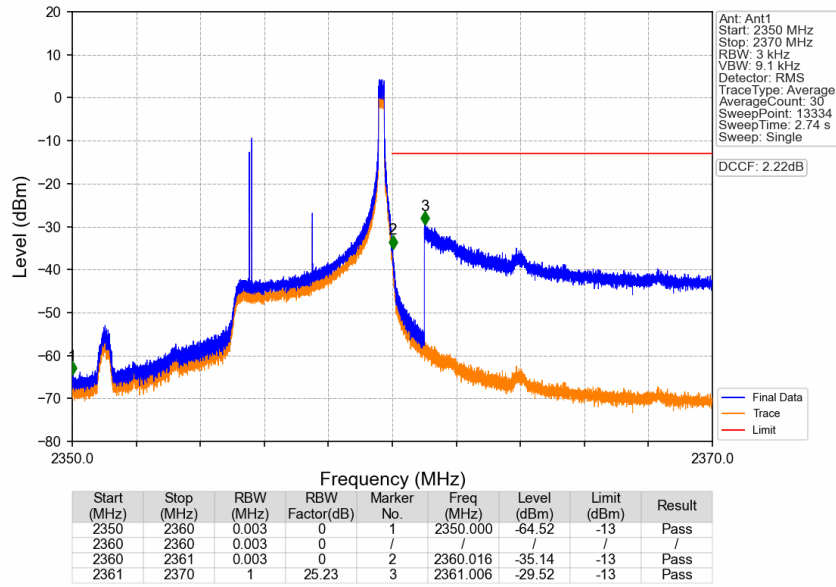
Band40b 5MHz QPSK HCH 2357.5MHz RB 1 0 NTNV



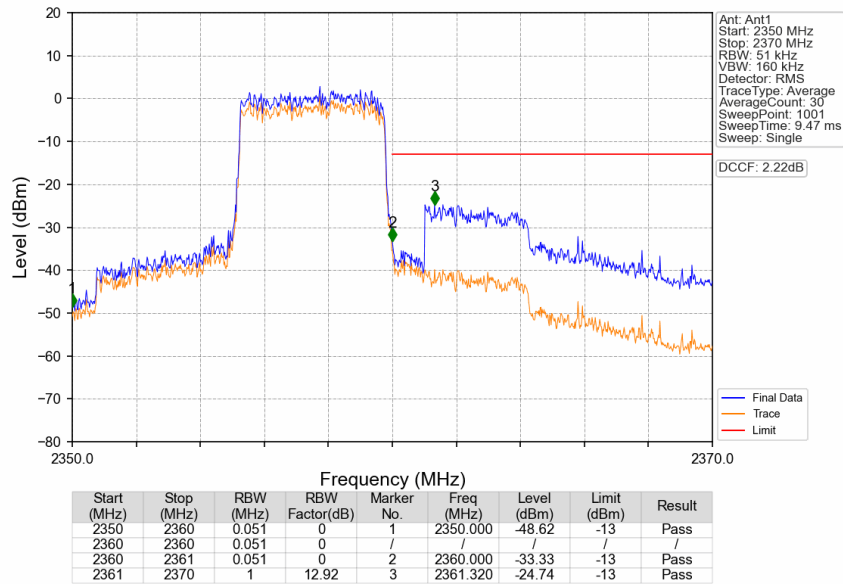
Band40b 5MHz QPSK HCH 2357.5MHz RB 1 0 NTNV



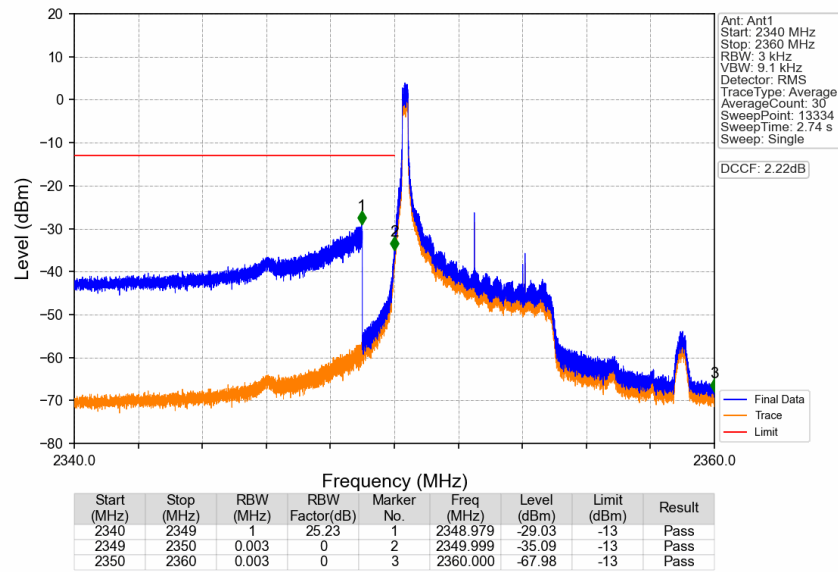
# Band40b\_5MHz\_QPSK\_HCH\_2357.5MHz\_RB\_1\_24\_NTNV



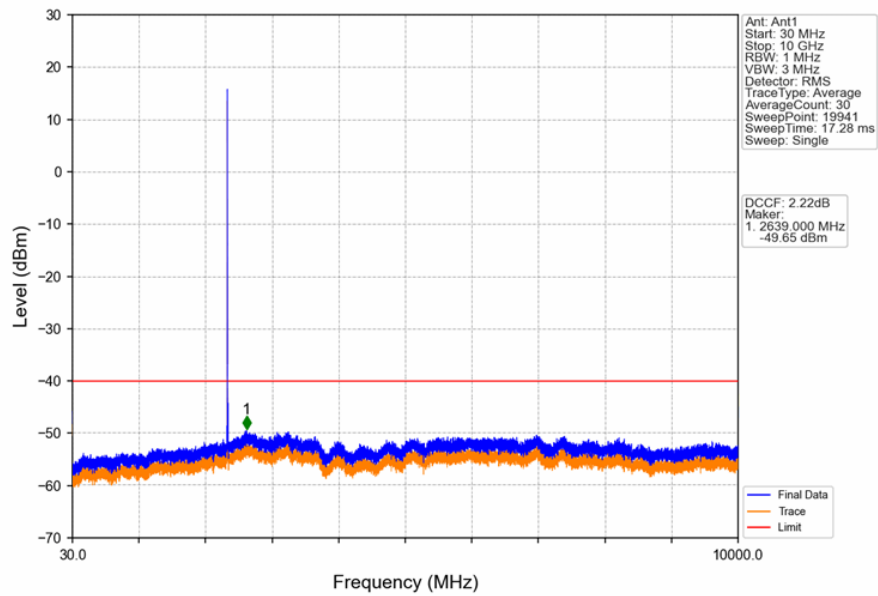
# Band40b\_5MHz\_QPSK\_HCH\_2357.5MHz\_RB\_25\_0\_NTNV



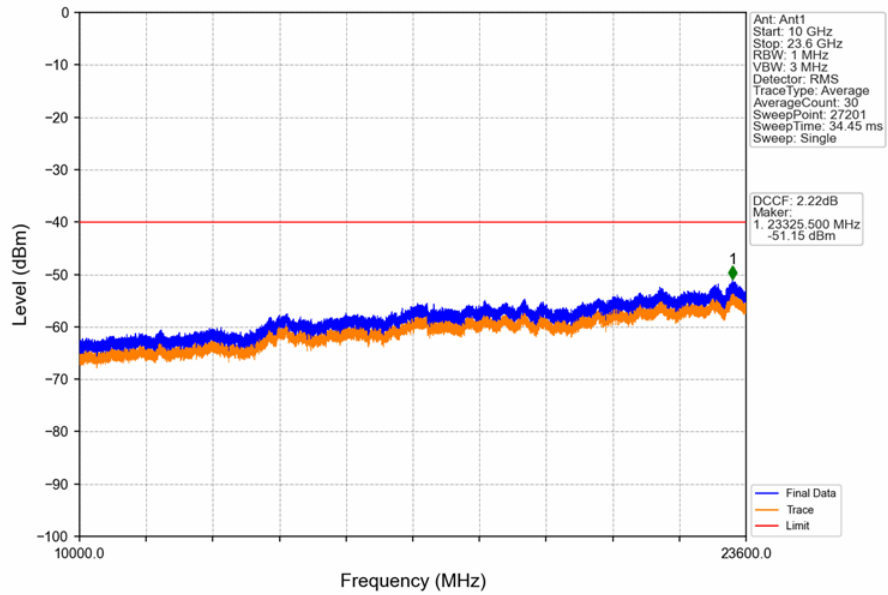
Band40b 5MHz 16QAM LCH 2352.5MHz RB 1 0 NTN



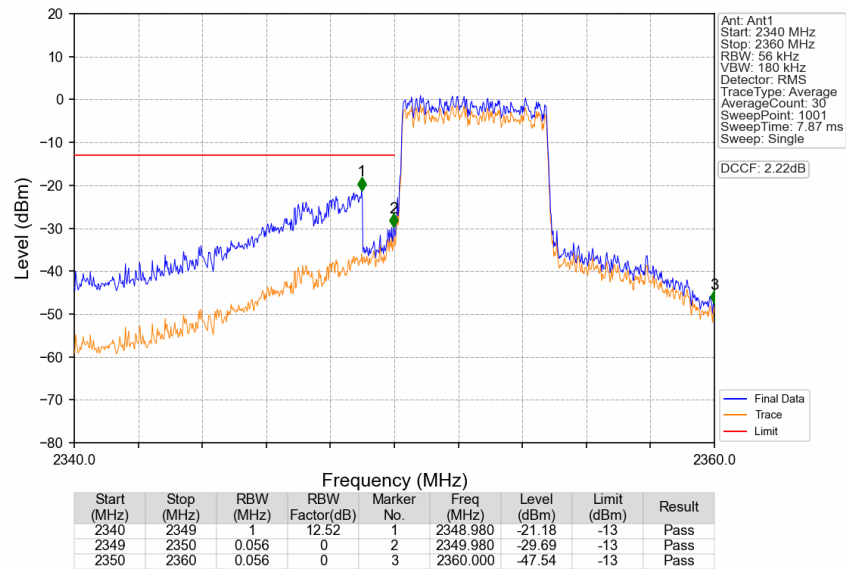
Band40b 5MHz 16QAM LCH 2352.5MHz RB 1 0 NTN



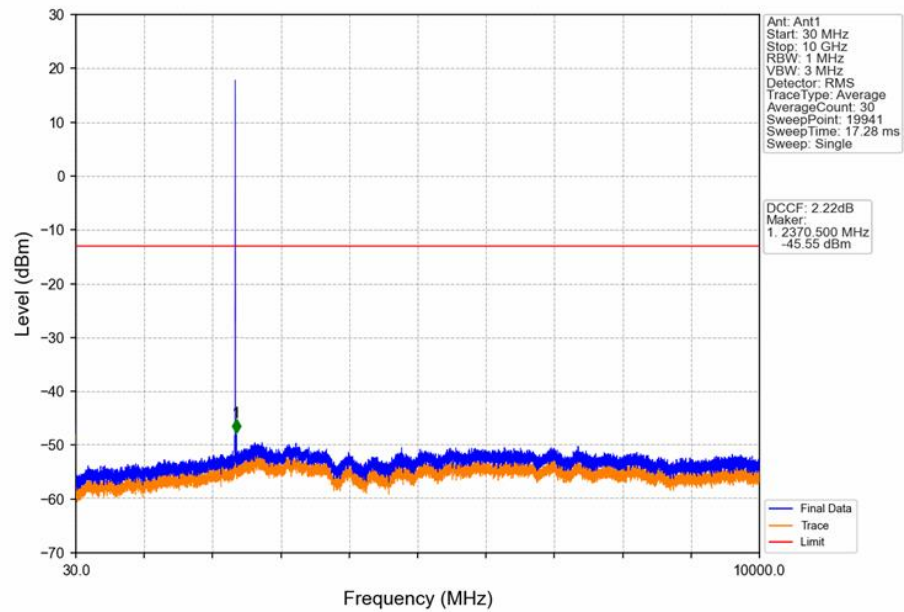
Band40b\_5MHz\_16QAM\_LCH\_2352.5MHz\_RB\_1\_0\_NTNV



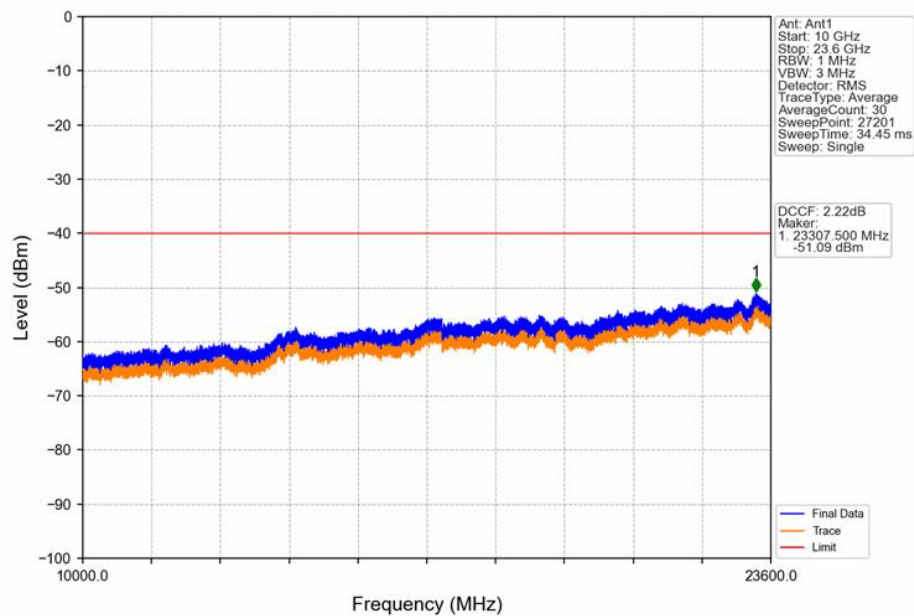
Band40b\_5MHz\_16QAM\_LCH\_2352.5MHz\_RB\_25\_0\_NTNV



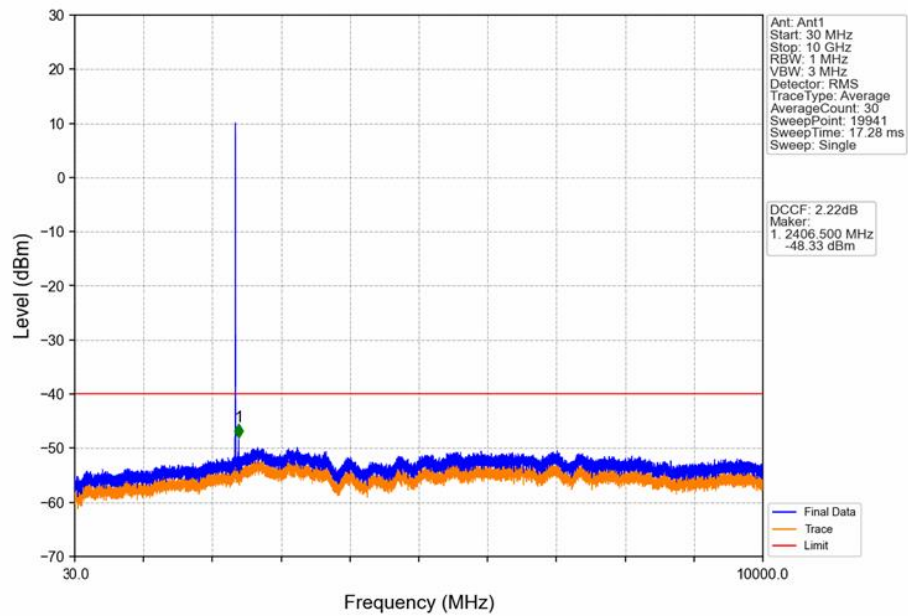
Band40b 5MHz 16QAM MCH 2355MHz RB 1 0 NTNV



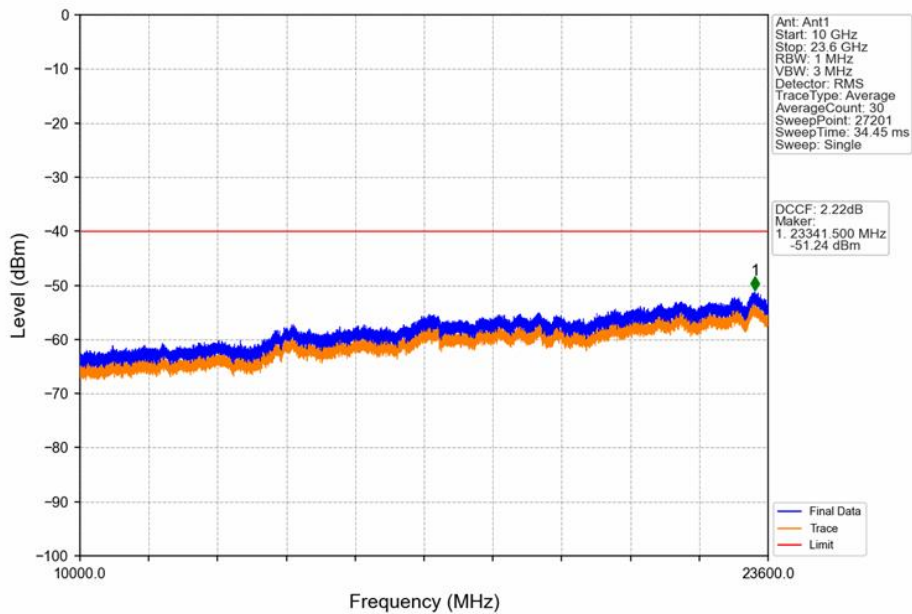
Band40b 5MHz 16QAM MCH 2355MHz RB 1 0 NTNV



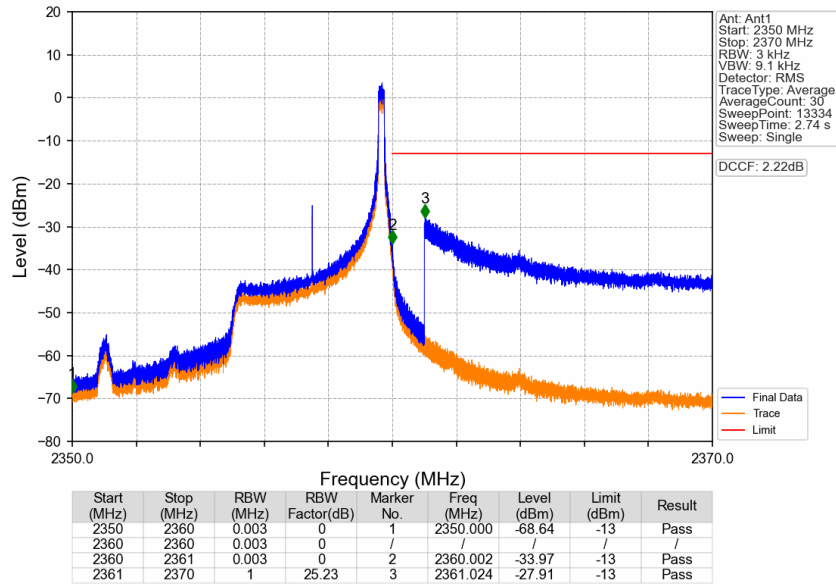
Band40b 5MHz 16QAM HCH 2357.5MHz RB 1 0 NTN



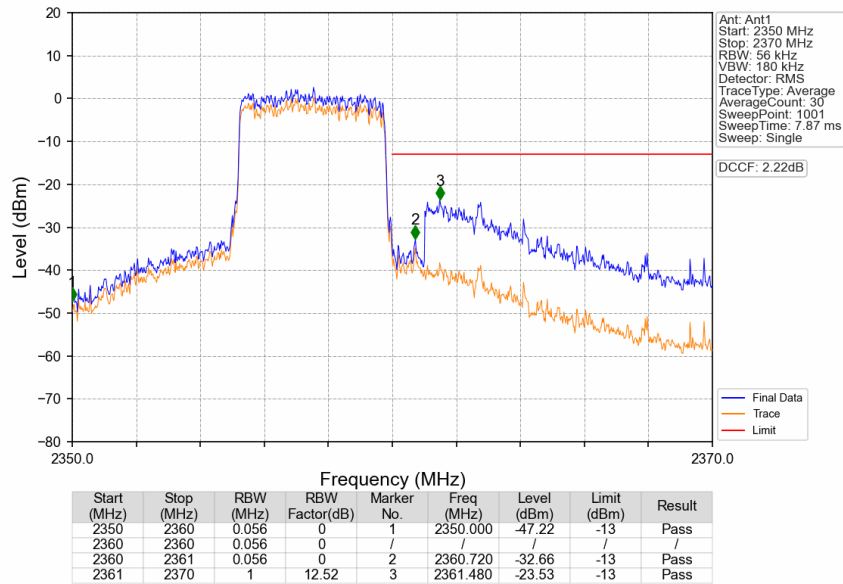
Band40b 5MHz 16QAM HCH 2357.5MHz RB 1 0 NTN



Band40b 5MHz 16QAM HCH 2357.5MHz RB 1 24 NTN



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

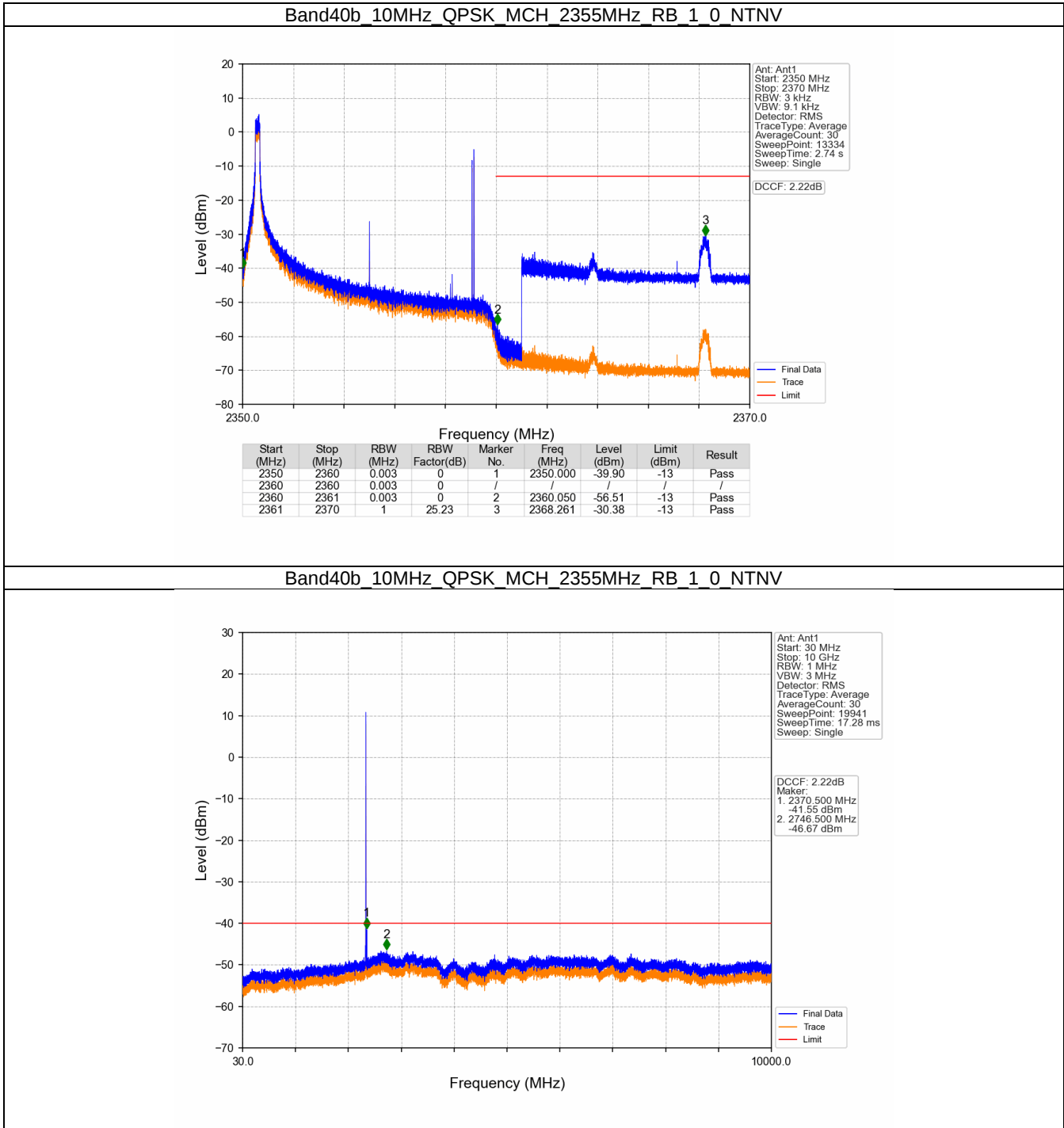


## 5.2 B40b\_10MHz

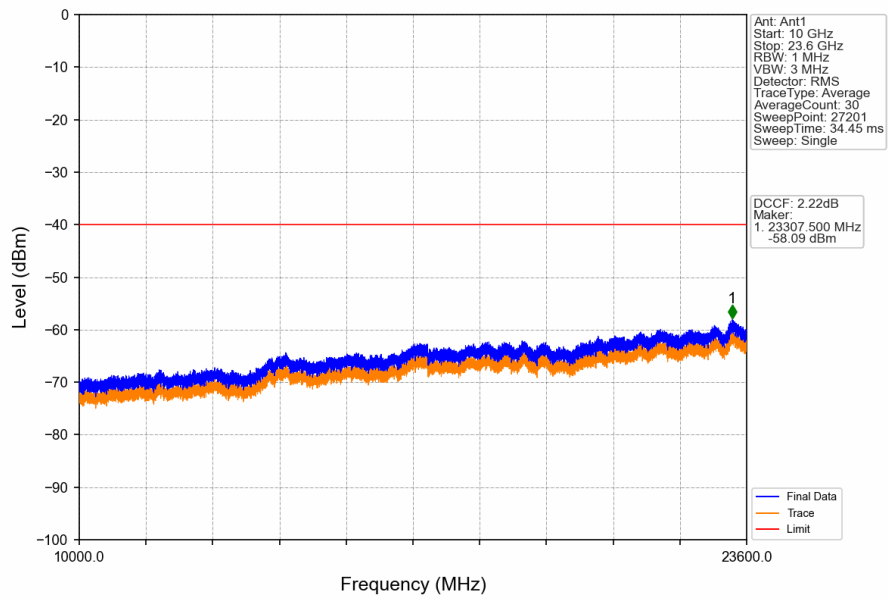
### 5.2.1 Test Result

| 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    |
|                                     |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                     |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                               | 2355            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                     |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

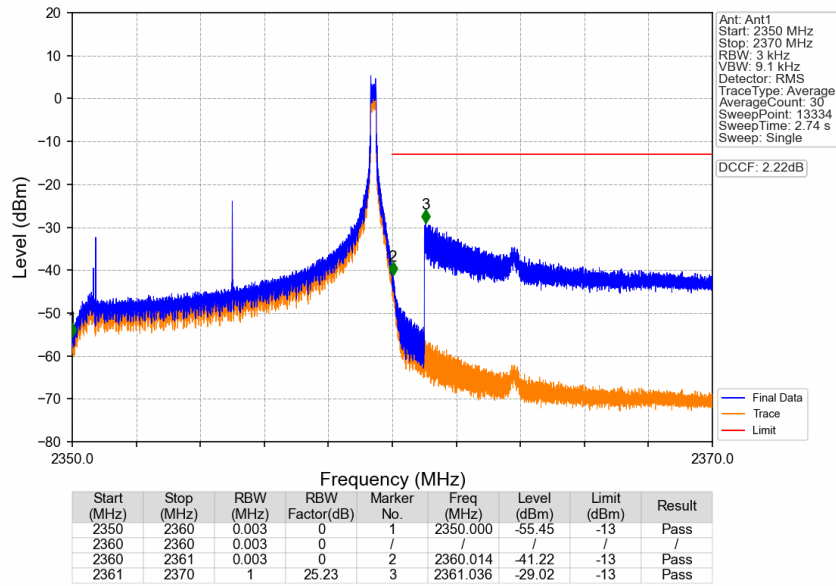
5.2.2 Test Graph



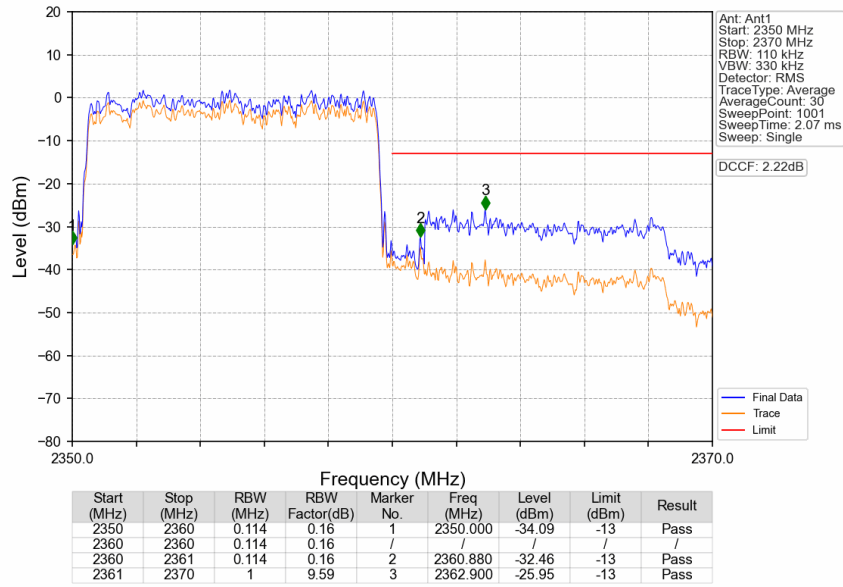
# Band40b 10MHz QPSK MCH 2355MHz RB 1 0 NTN



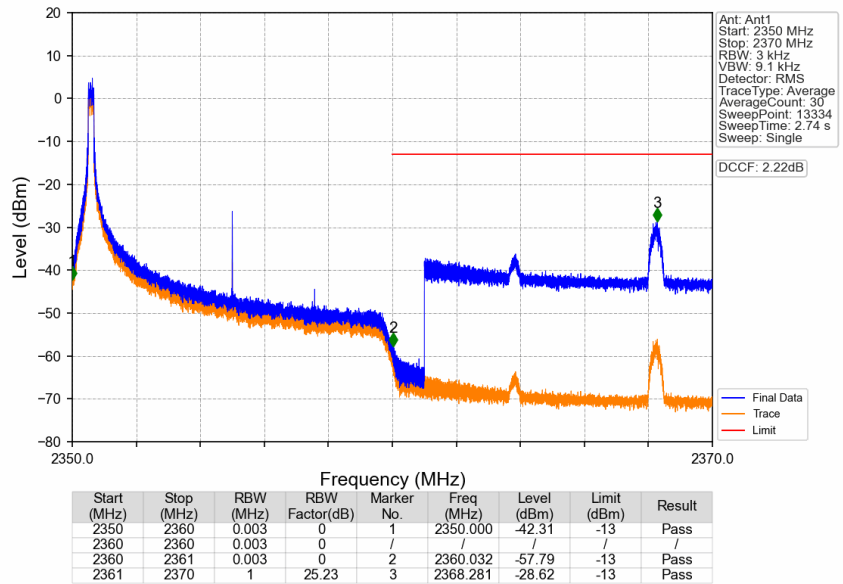
# Band40b 10MHz QPSK MCH 2355MHz RB 1 49 NTN



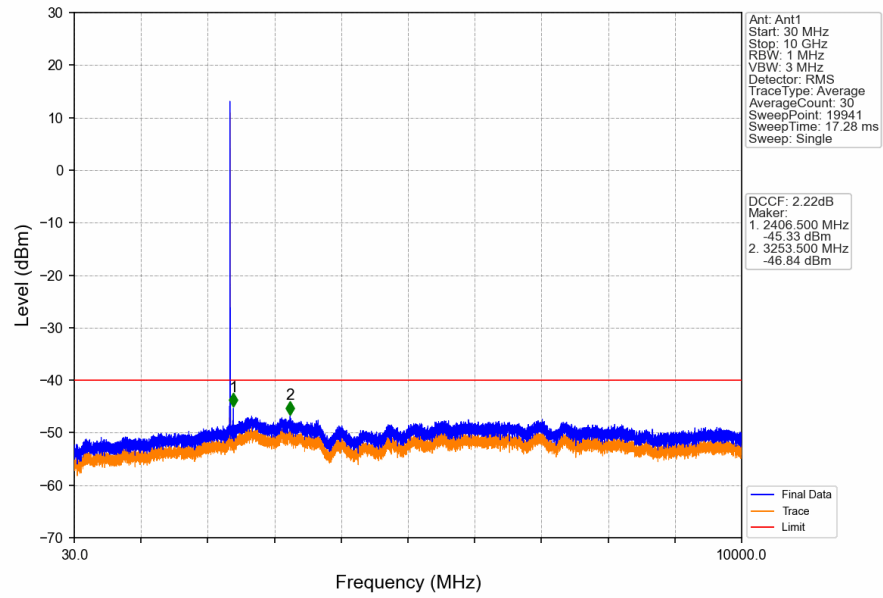
# Band40b\_10MHz\_QPSK\_MCH\_2355MHz\_RB\_50\_0\_NTNV



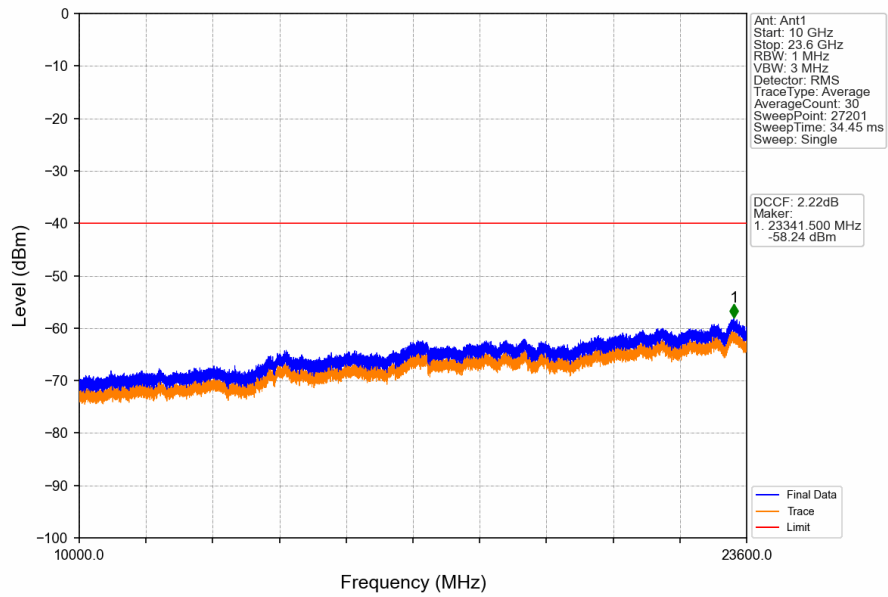
# Band40b\_10MHz\_16QAM\_MCH\_2355MHz\_RB\_1\_0\_NTNV



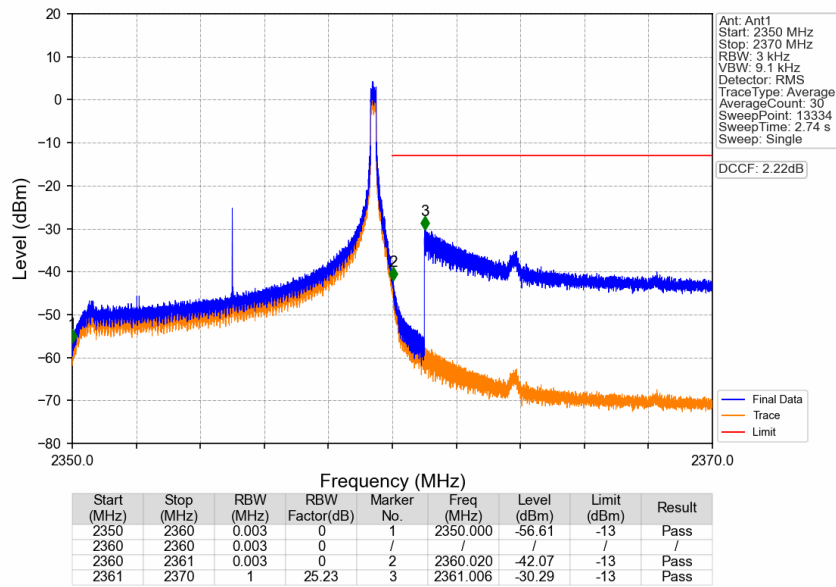
Band40b\_10MHz\_16QAM\_MCH\_2355MHz\_RB\_1\_0\_NTNV



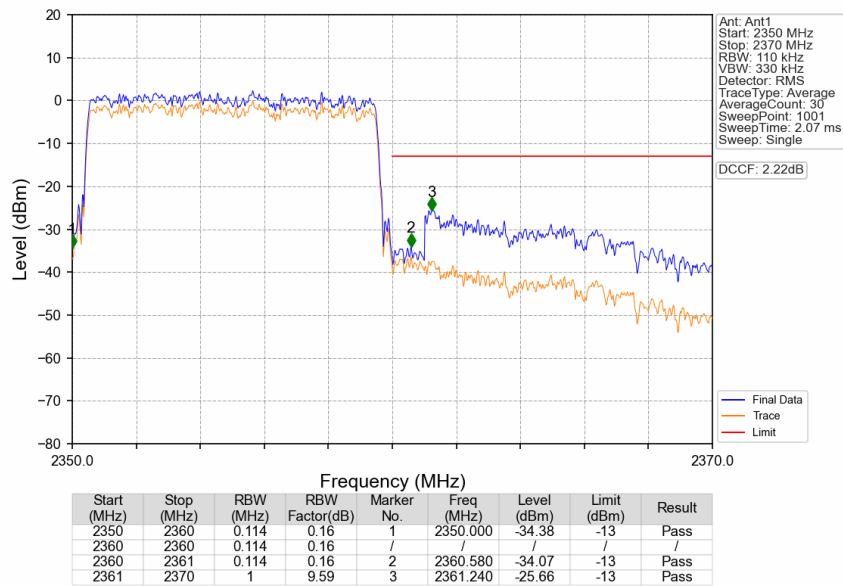
Band40b\_10MHz\_16QAM\_MCH\_2355MHz\_RB\_1\_0\_NTNV



# Band40b\_10MHz\_16QAM\_MCH\_2355MHz\_RB\_1\_49\_NTNV



# Band40b\_10MHz\_16QAM\_MCH\_2355MHz\_RB\_50\_0\_NTNV



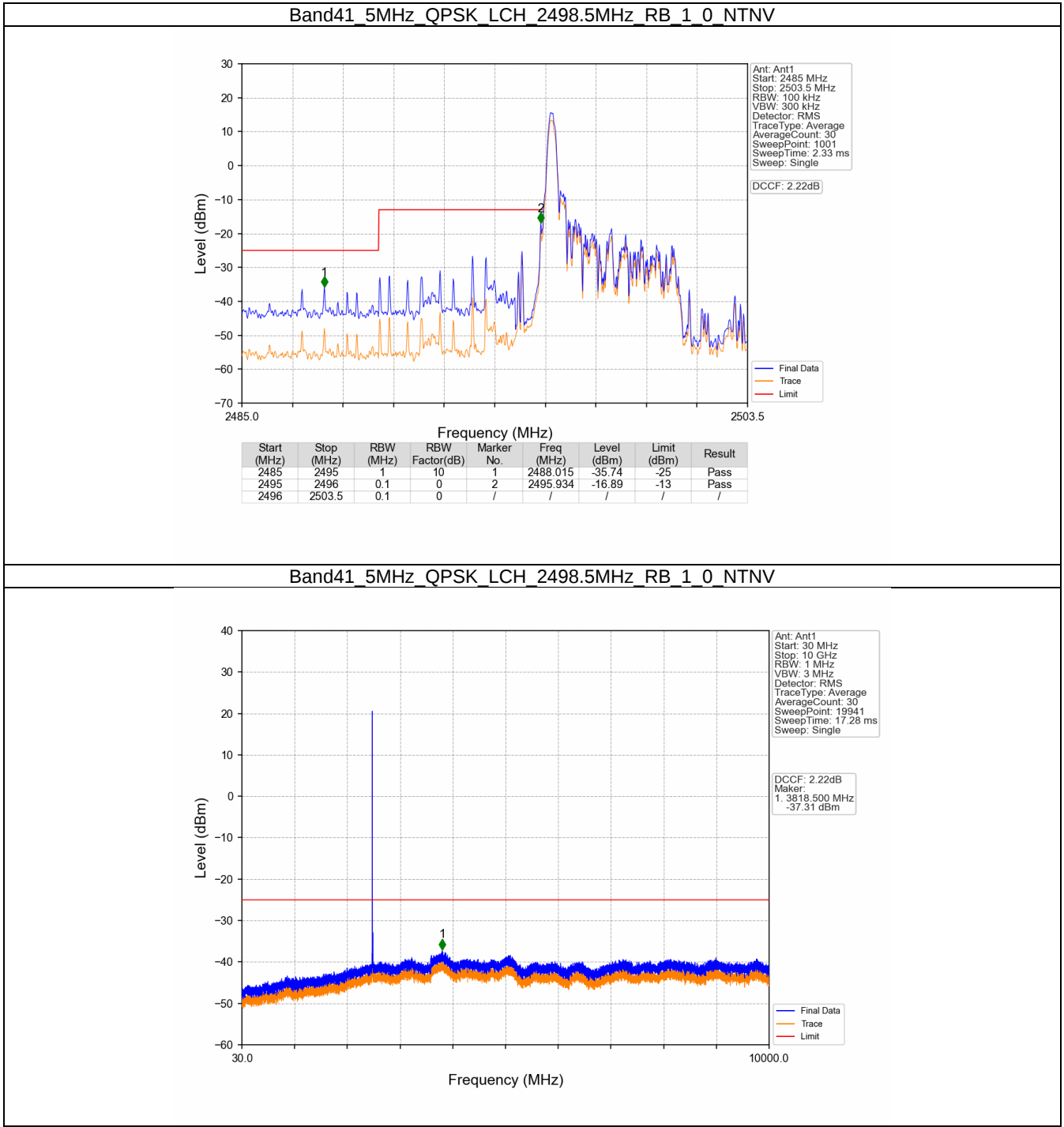
## 6. Spurious Emission

### 6.1 B41\_5MHz

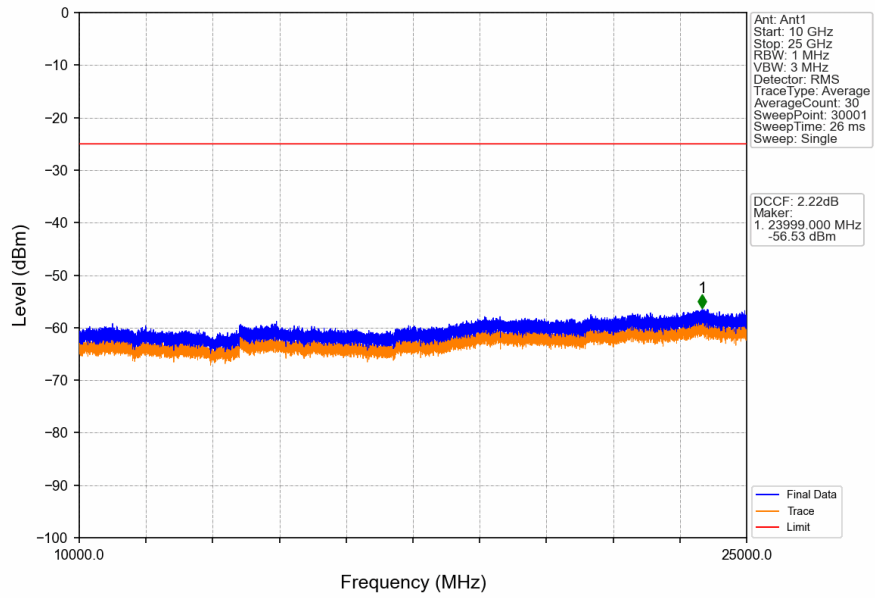
#### 6.1.1 Test Result

| Band: 41 / Bandwidth: 5MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 2498.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 2593            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 2687.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                            | 2498.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 2593            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 2687.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

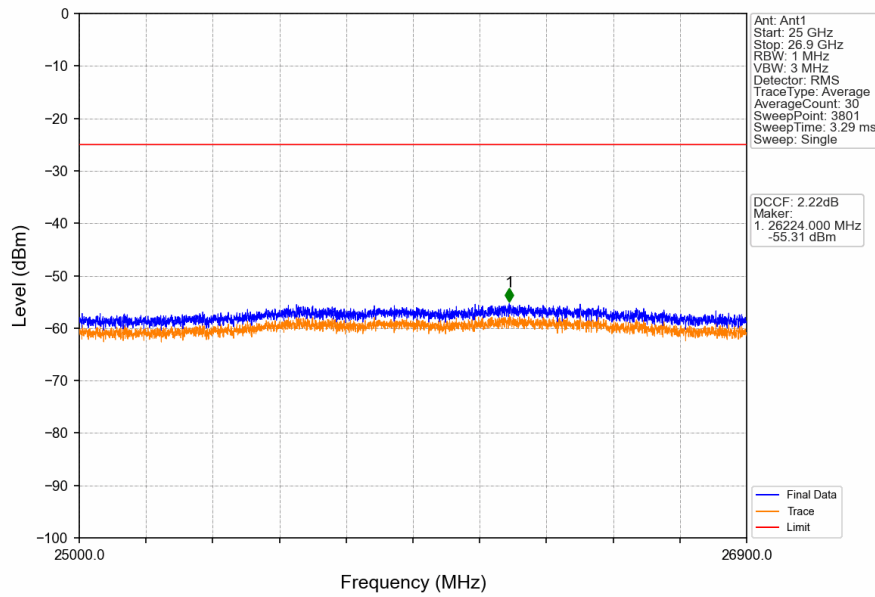
6.1.2 Test Graph



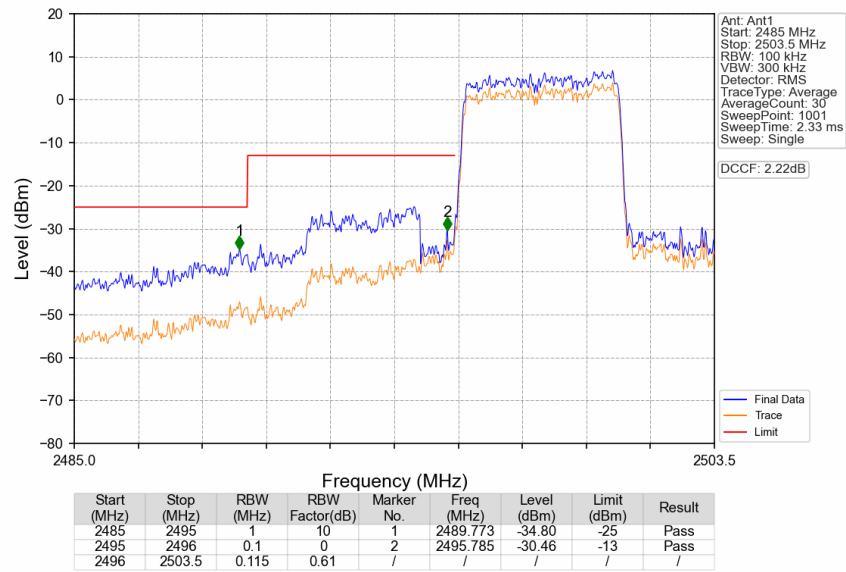
# Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



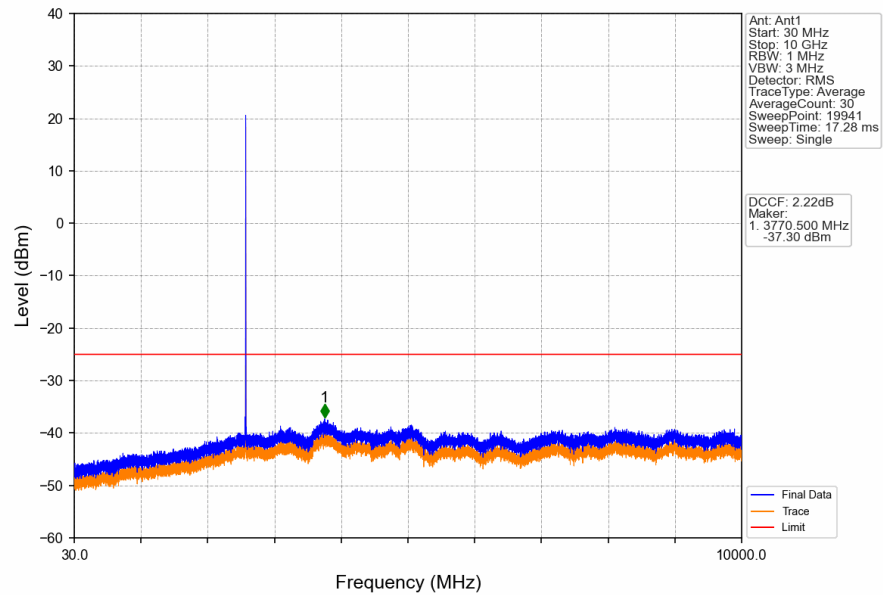
# Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



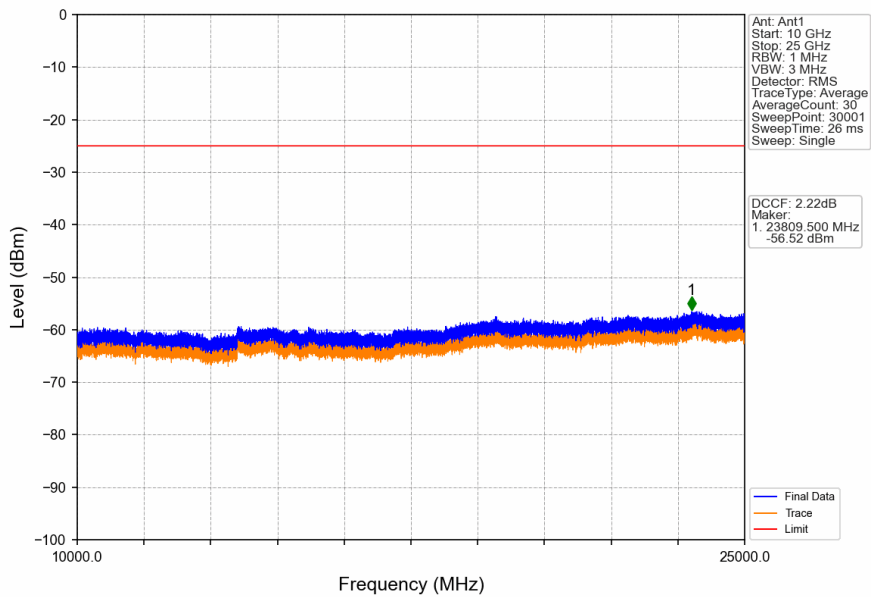
# Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



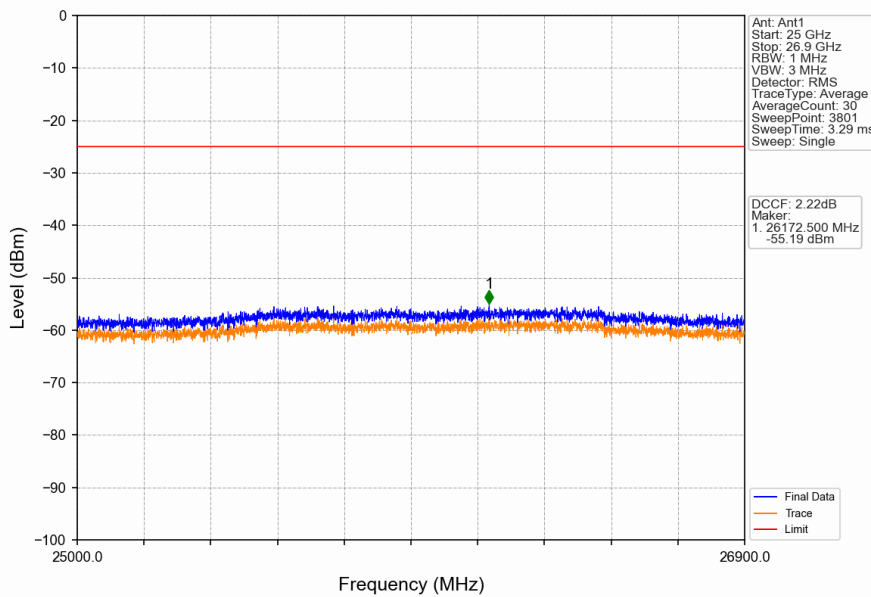
# Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



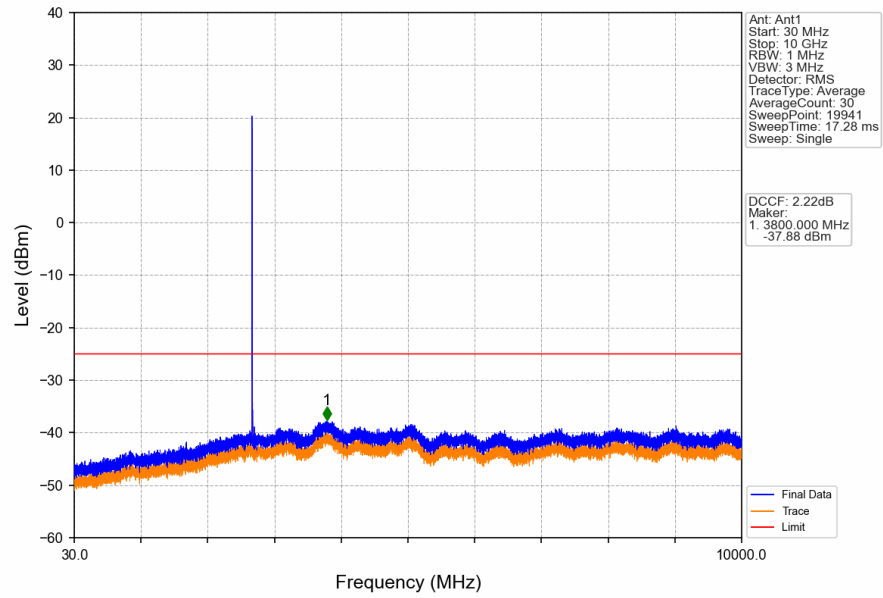
Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



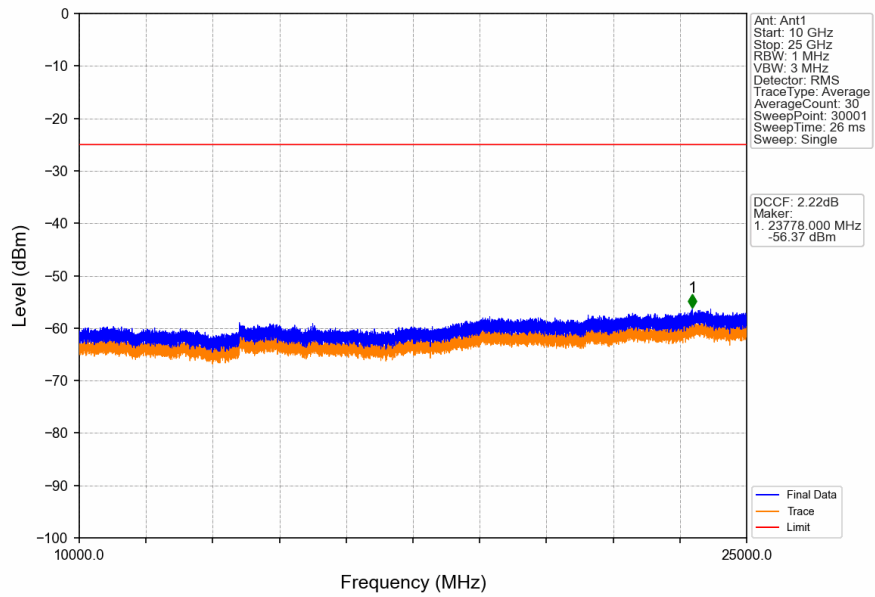
Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



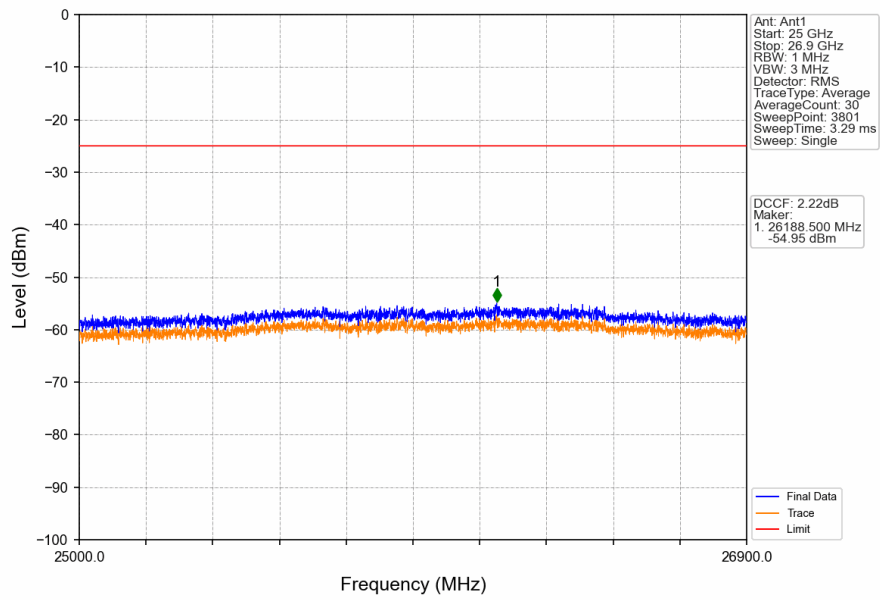
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



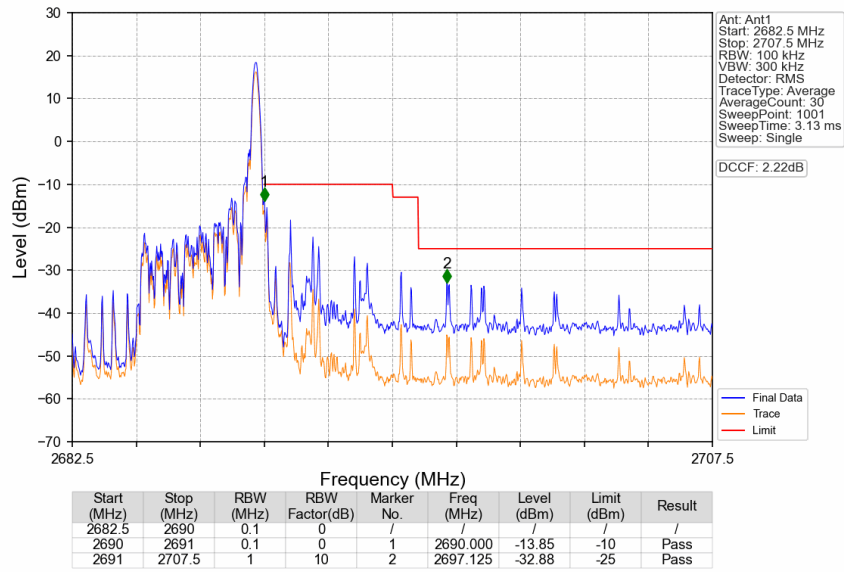
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



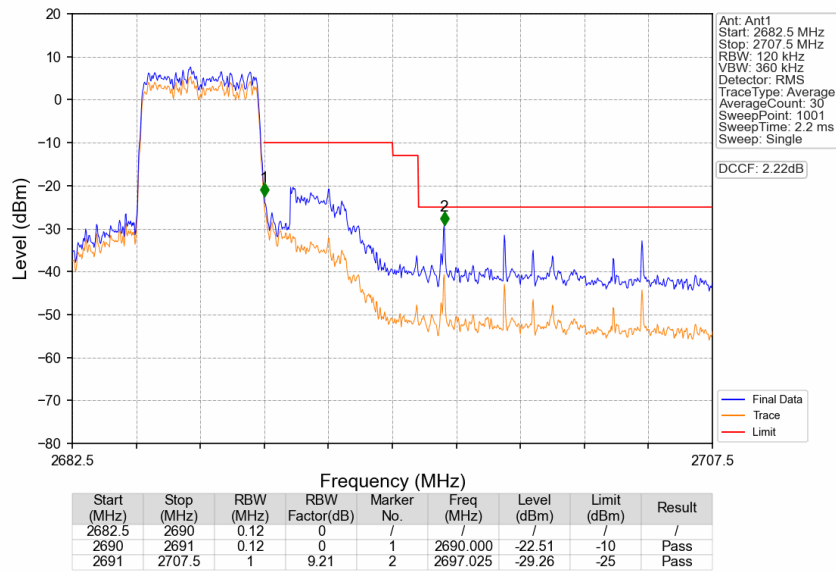
# Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



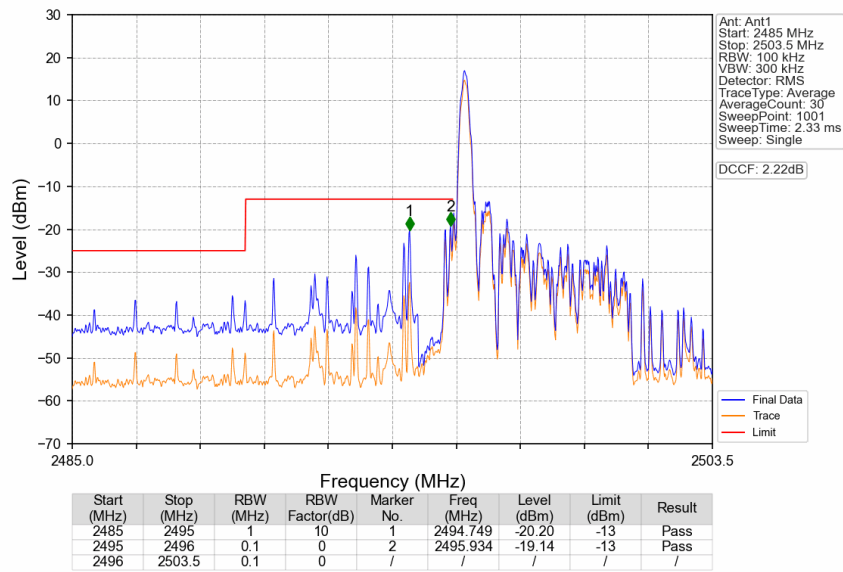
# Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_24\_NTNV



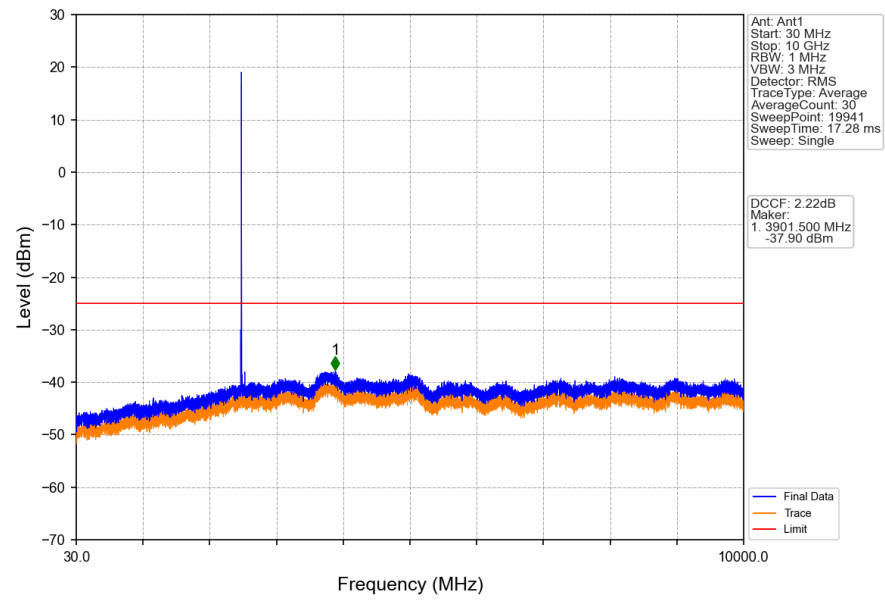
# Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



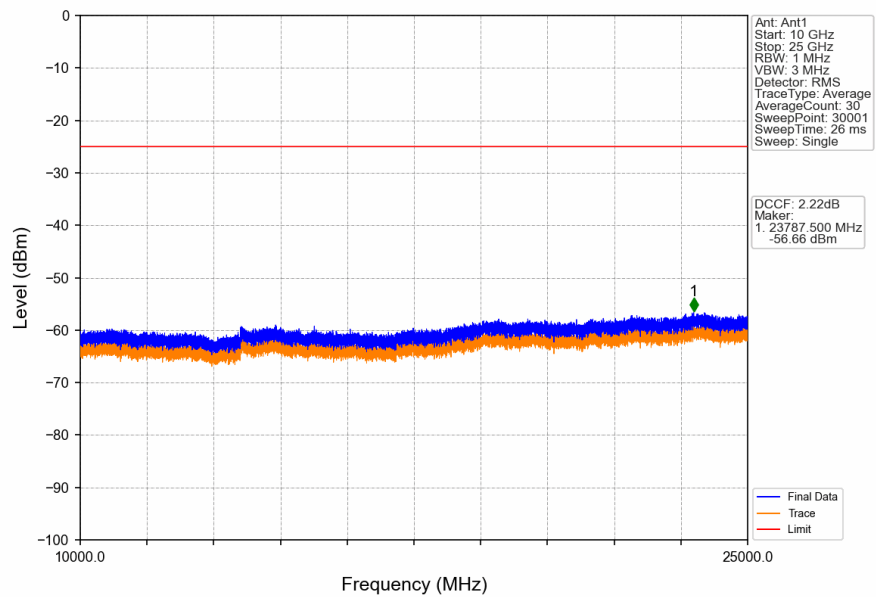
# Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



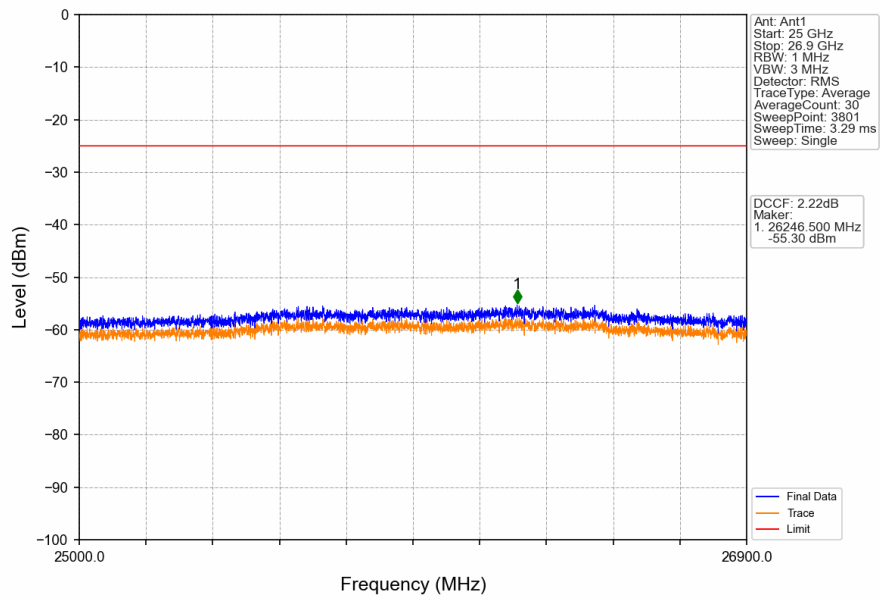
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



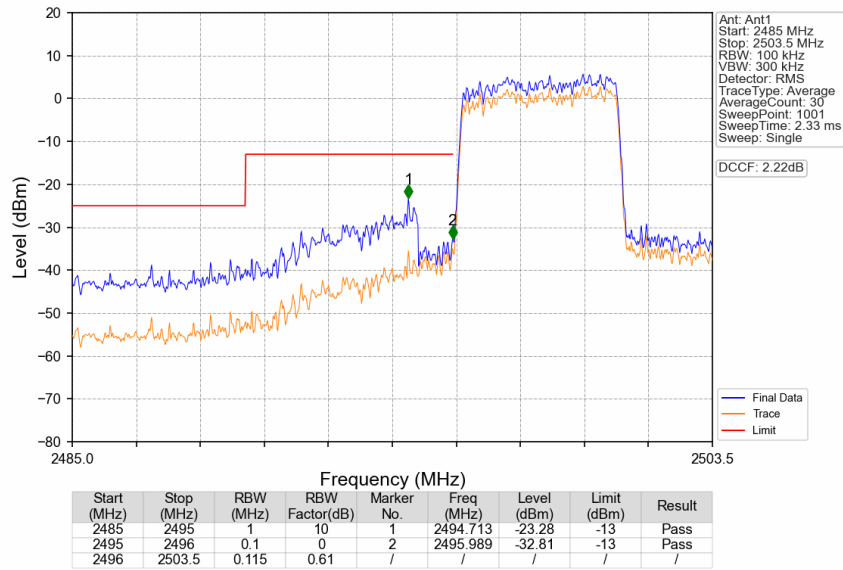
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



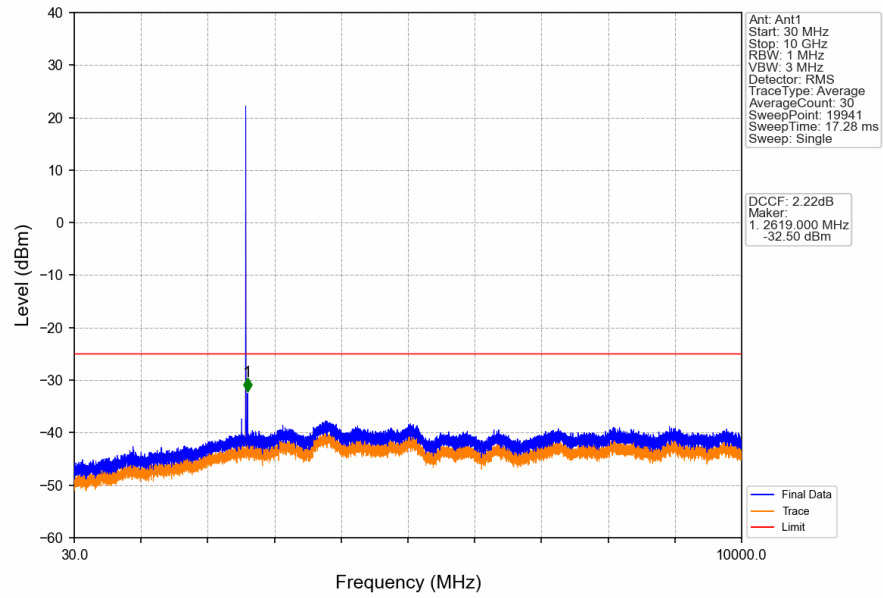
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



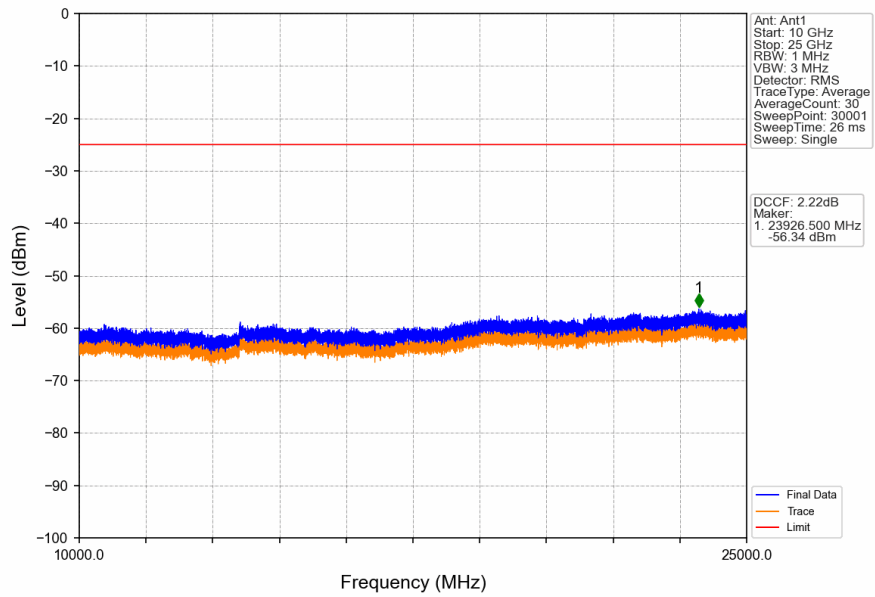
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



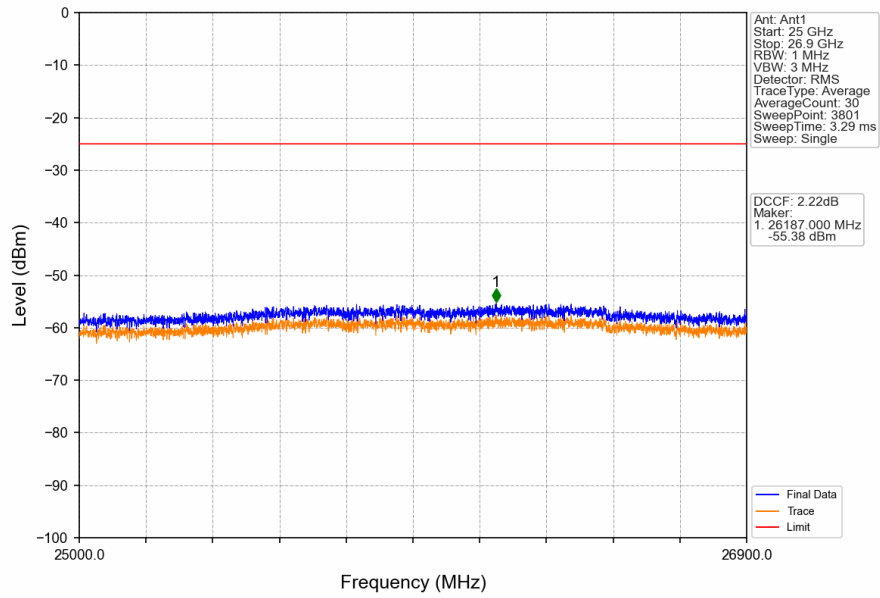
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



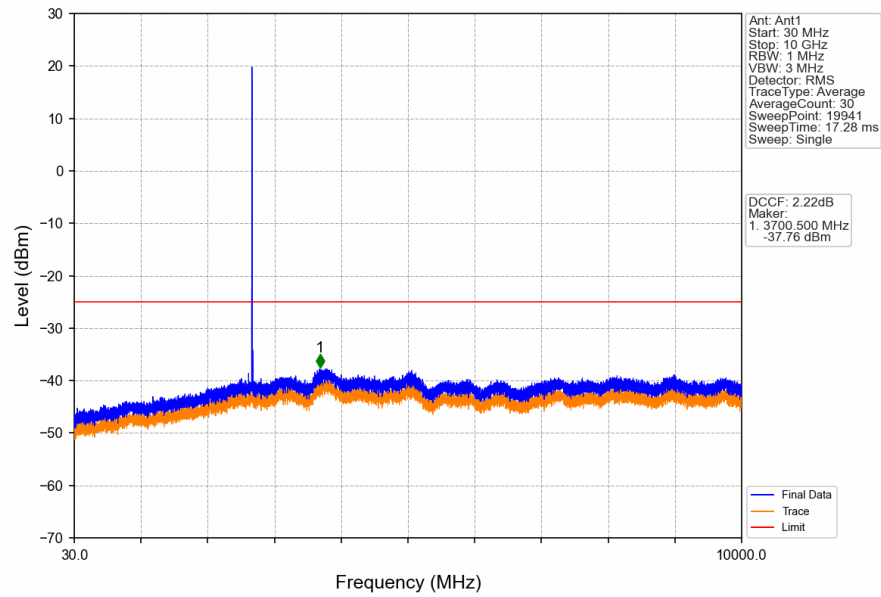
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



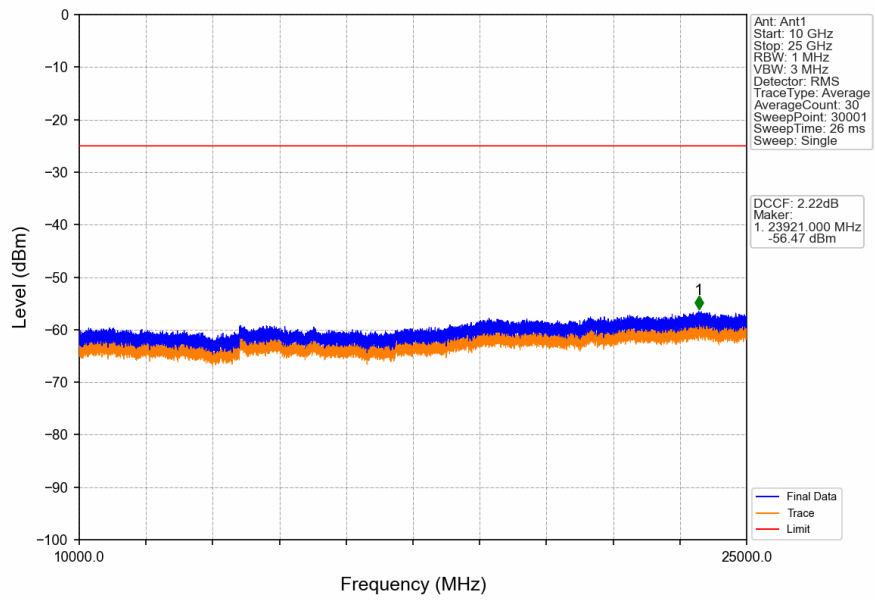
# Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



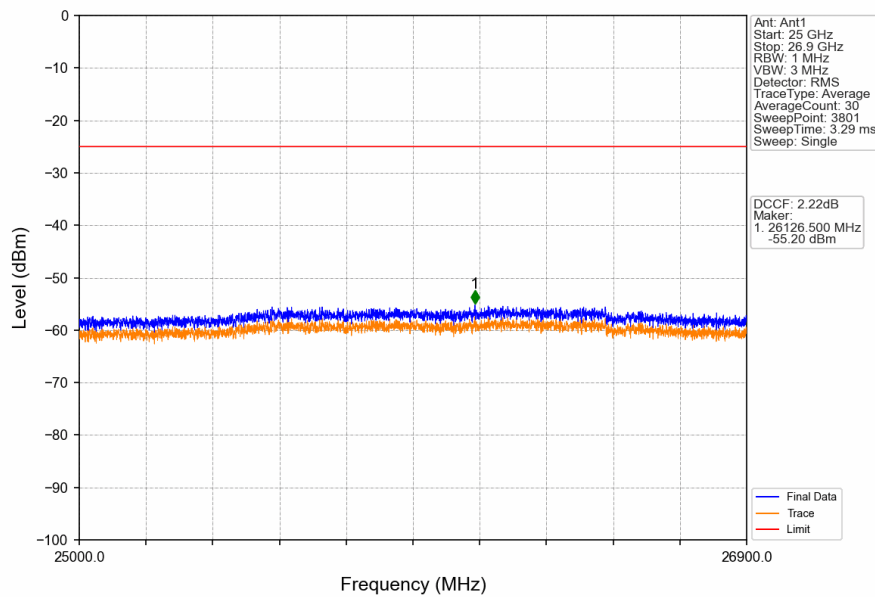
# Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



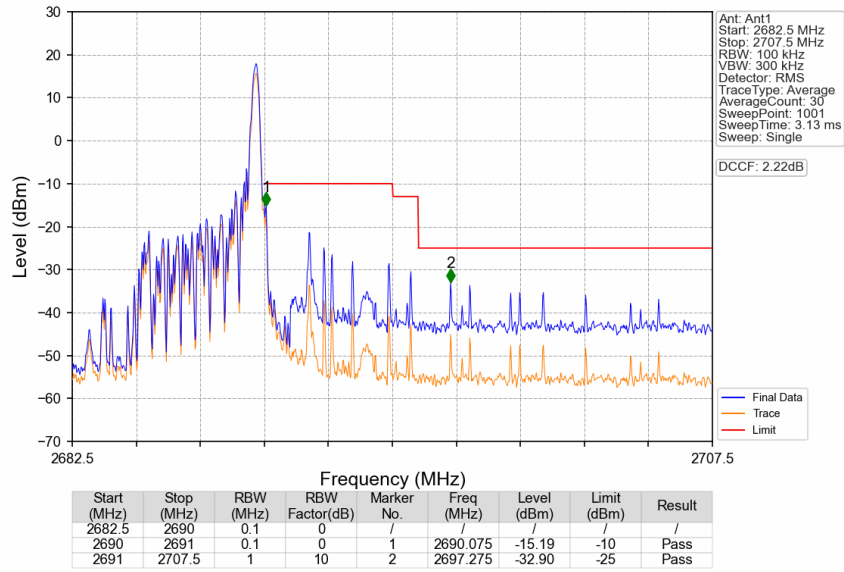
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



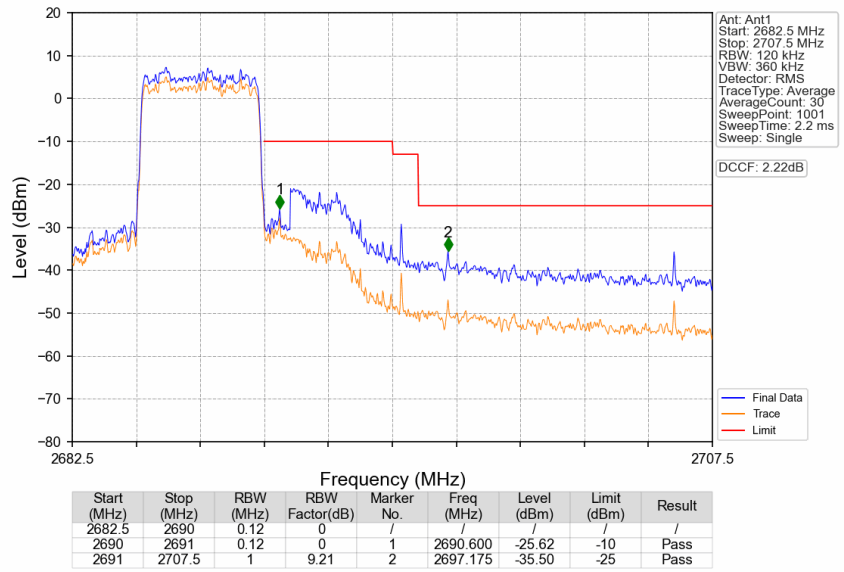
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_1\_24\_NTNV



Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



## 6.2 B41\_10MHz

### 6.2.1 Test Result

| Band: 41 / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 2501            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2593            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2685            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                              | 2501            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2593            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2685            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |