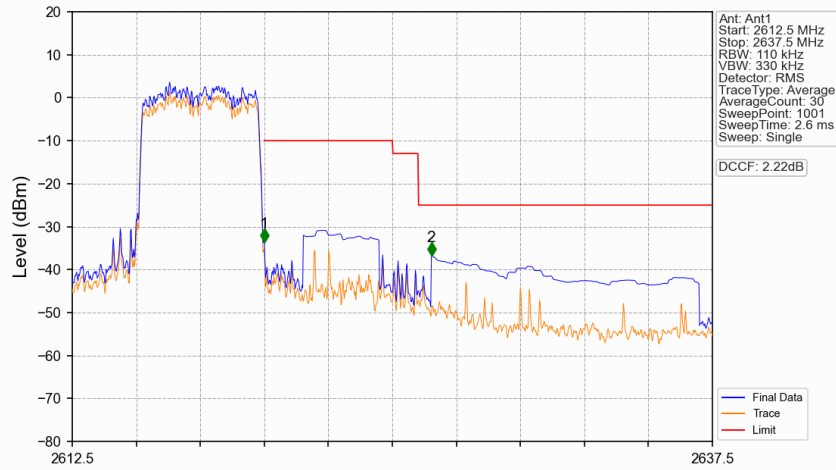
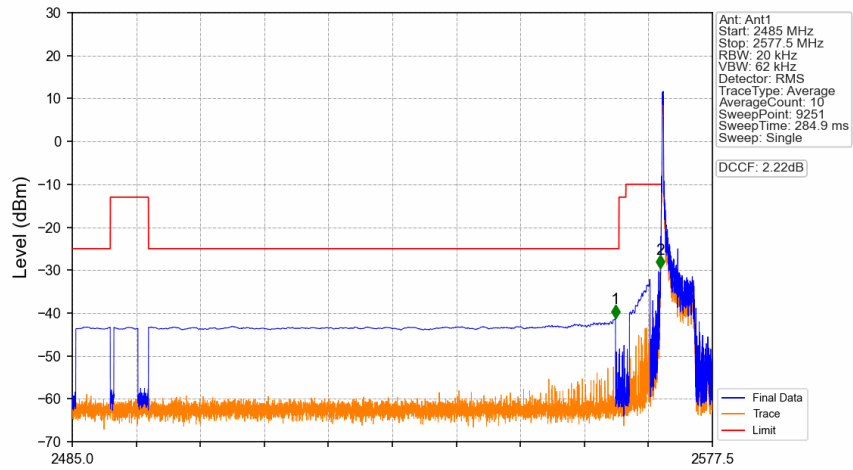


### Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



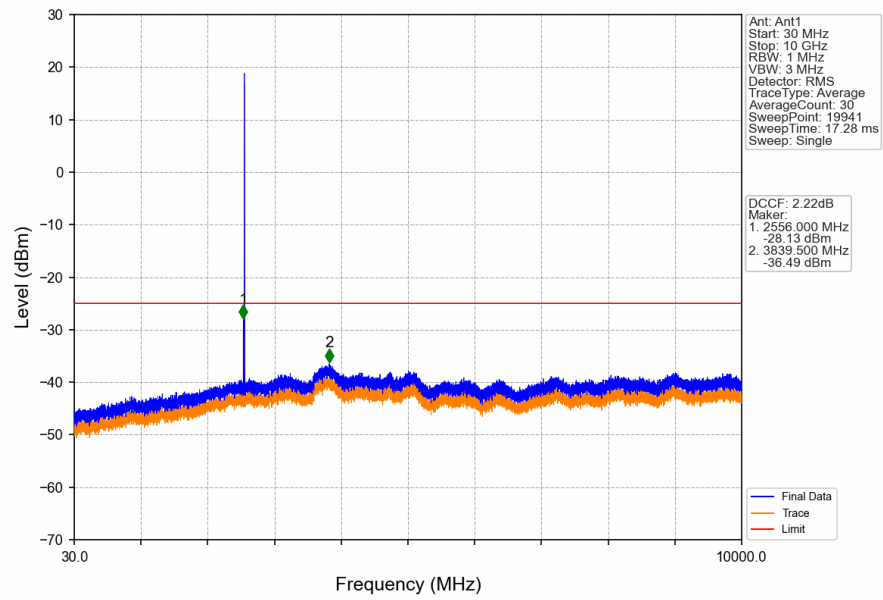
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2612.5      | 2620       | 0.11      | /      | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.11      | /      | 1          | 2620.000   | -33.60      | -10         | Pass   |
| 2621        | 2637.5     | 1         | CHP    | 2          | 2626.525   | -36.85      | -25         | Pass   |

### Band38 5MHz 16QAM LCH 2572.5MHz RB 1 0 NTNV

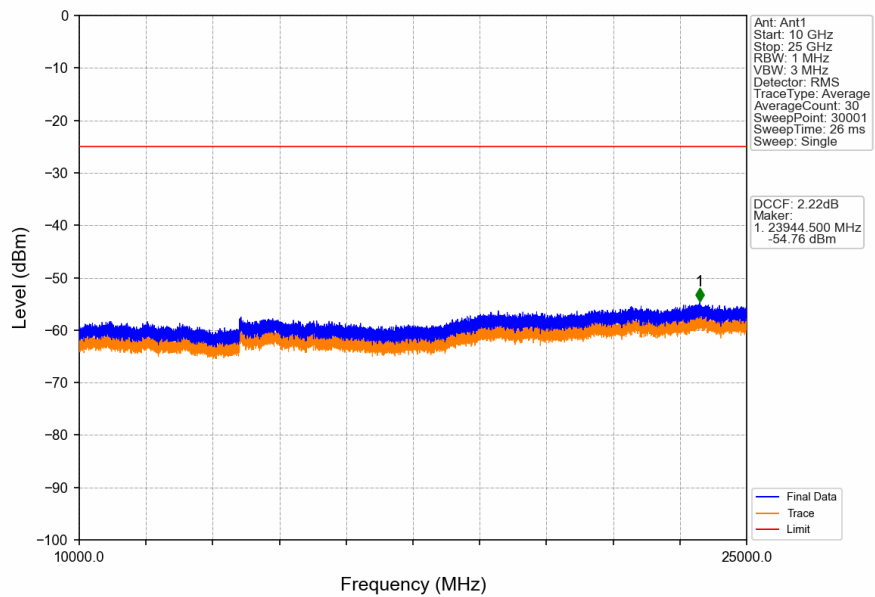


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2569       | 1         | CHP    | 1          | 2563.490   | -41.17      | -25         | Pass   |
| 2569        | 2570       | 0.02      | /      | 2          | 2570.000   | -29.64      | -10         | Pass   |
| 2570        | 2577.5     | 0.02      | /      | /          | /          | /           | /           | /      |

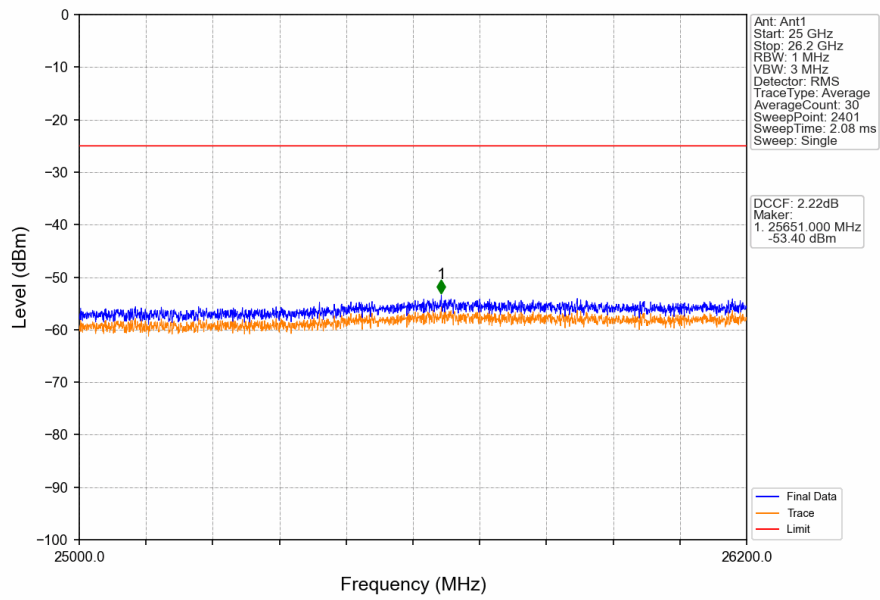
Band38\_5MHz\_16QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



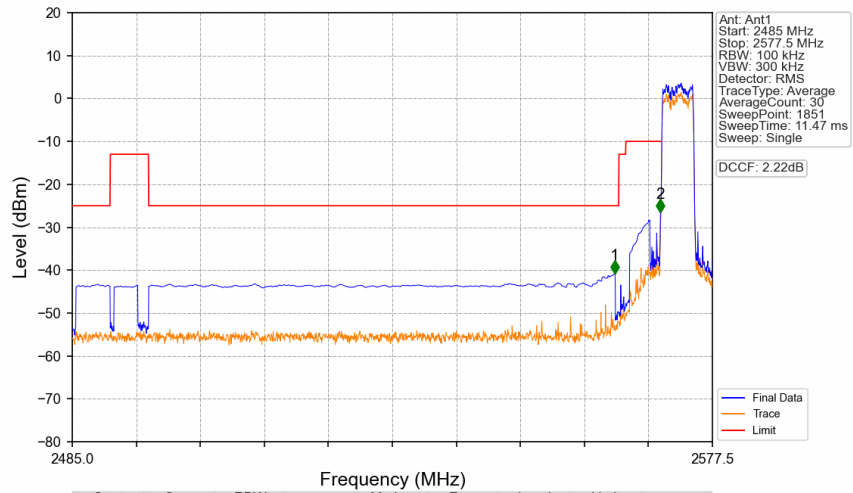
Band38\_5MHz\_16QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



Band38 5MHz 16QAM LCH 2572.5MHz RB 1 0 NTNV

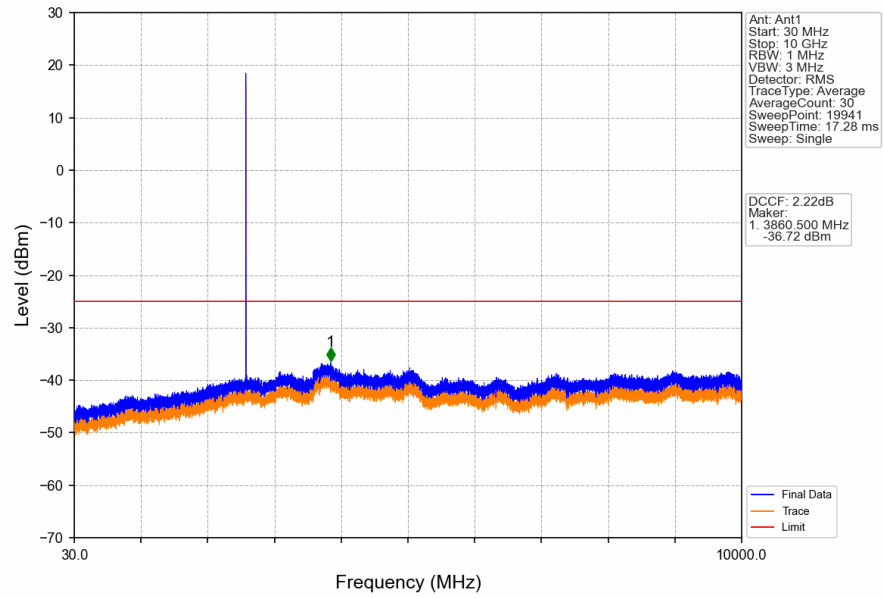


Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV

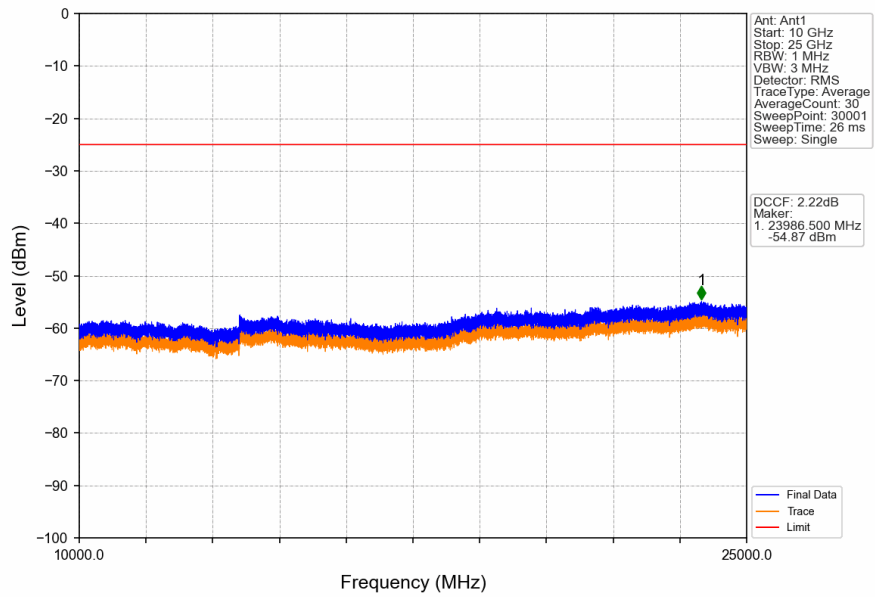


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2569       | 1         | CHP    | 1          | 2563.350   | -40.88      | -25         | Pass   |
| 2569        | 2570       | 0.1       | /      | 2          | 2570.000   | -26.62      | -10         | Pass   |
| 2570        | 2577.5     | 0.1       | /      | /          | /          | /           | /           | /      |

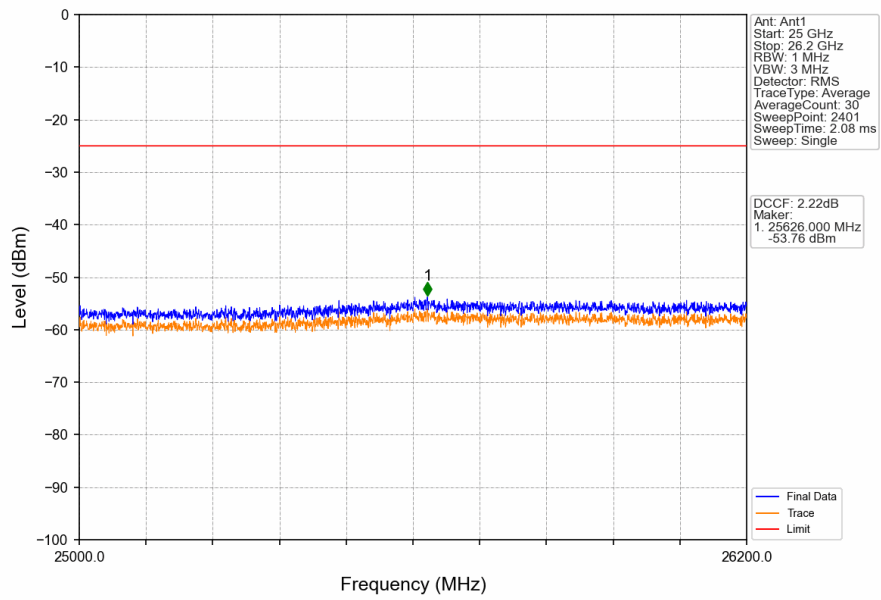
# Band38 5MHz 16QAM MCH 2595MHz RB 1 0 NTNV



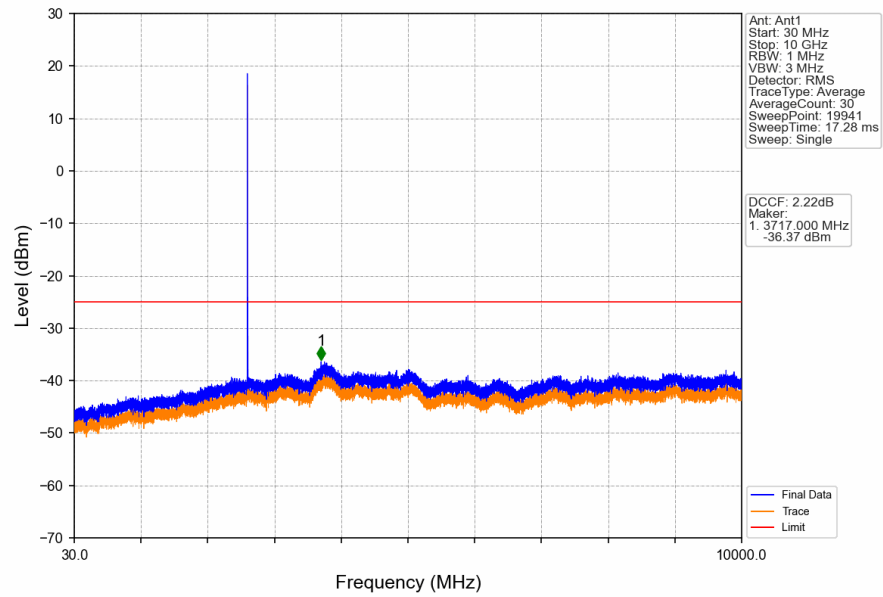
# Band38 5MHz 16QAM MCH 2595MHz RB 1 0 NTNV



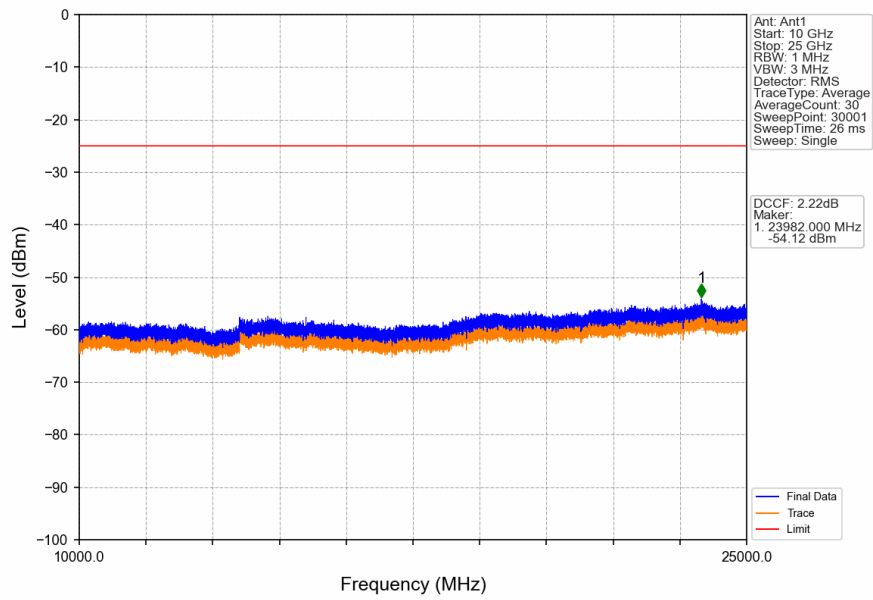
# Band38\_5MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



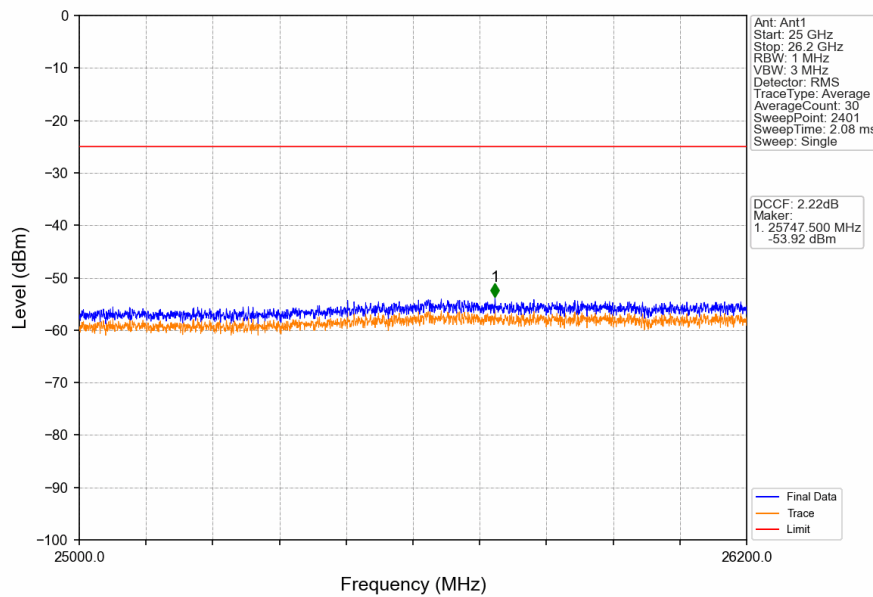
# Band38\_5MHz\_16QAM\_HCH\_2617.5MHz\_RB\_1\_0\_NTNV



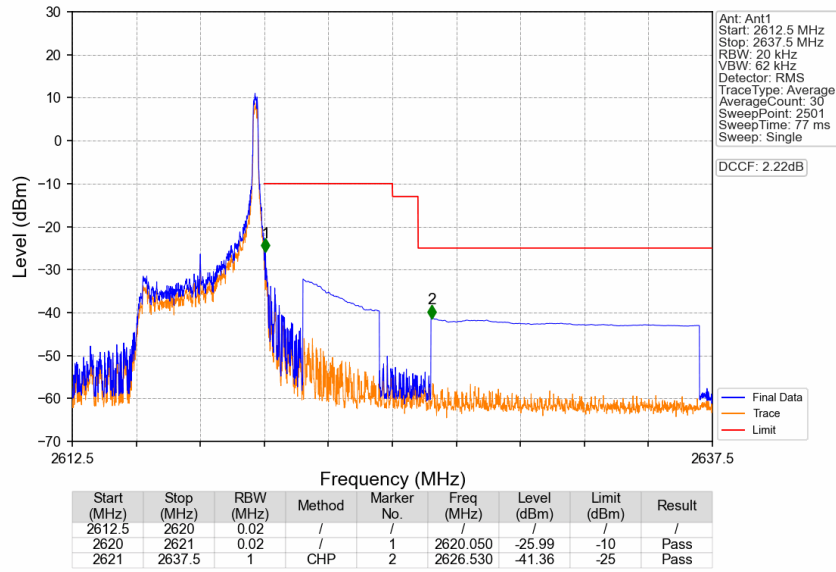
Band38 5MHz 16QAM HCH 2617.5MHz RB 1 0 NTNV



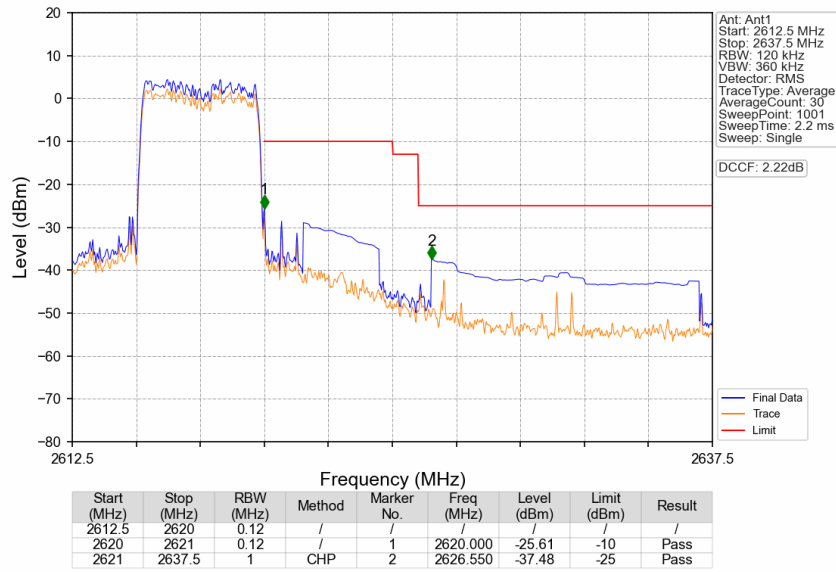
Band38 5MHz 16QAM HCH 2617.5MHz RB 1 0 NTNV



# Band38 5MHz 16QAM HCH 2617.5MHz RB 1 24 NTN



# Band38 5MHz 16QAM HCH 2617.5MHz RB 25 0 NTN

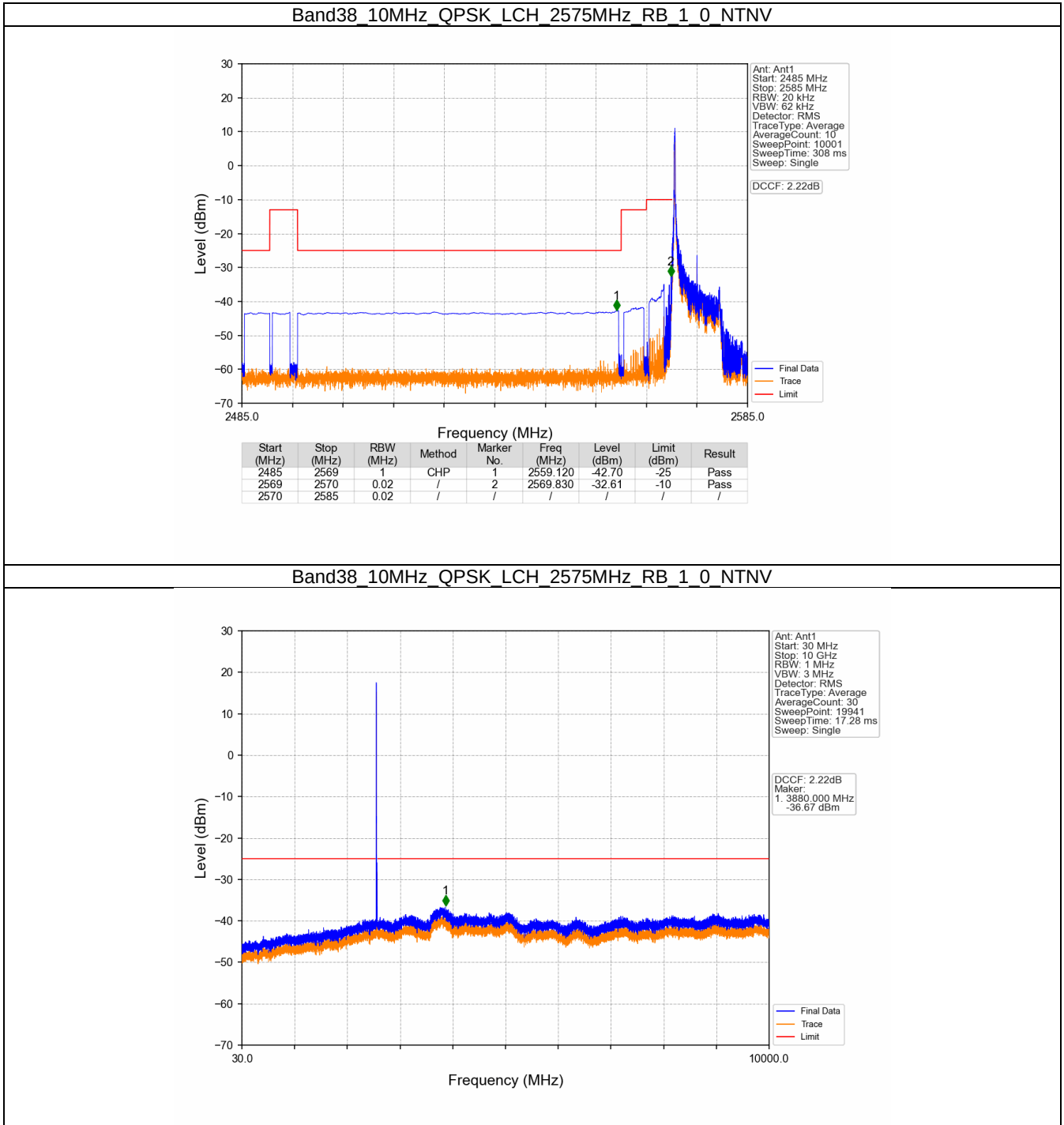


## 5.2 B38\_10MHz

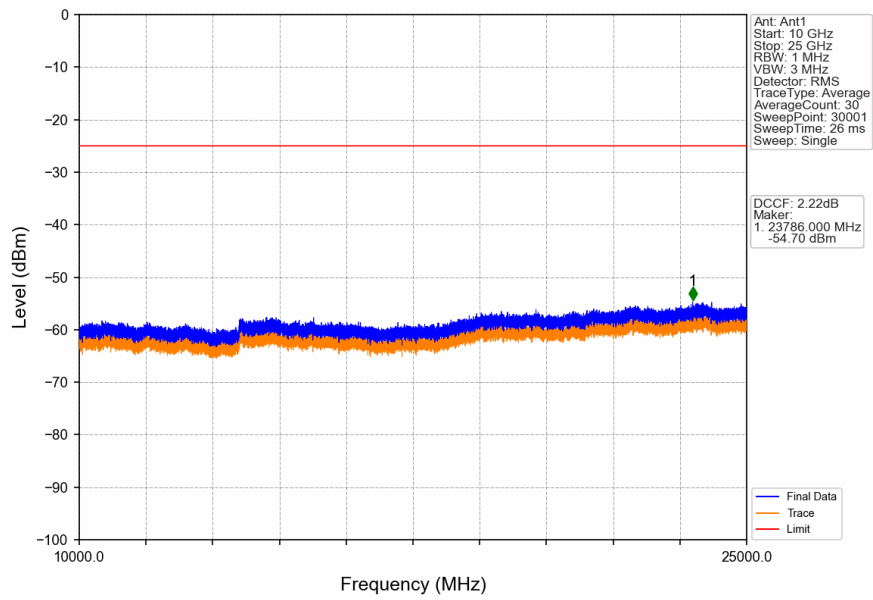
### 5.2.1 Test Result

| Band: 38 / Bandwidth: 10MHz / NTV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 2575            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2595            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2615            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 2575            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2595            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2615            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

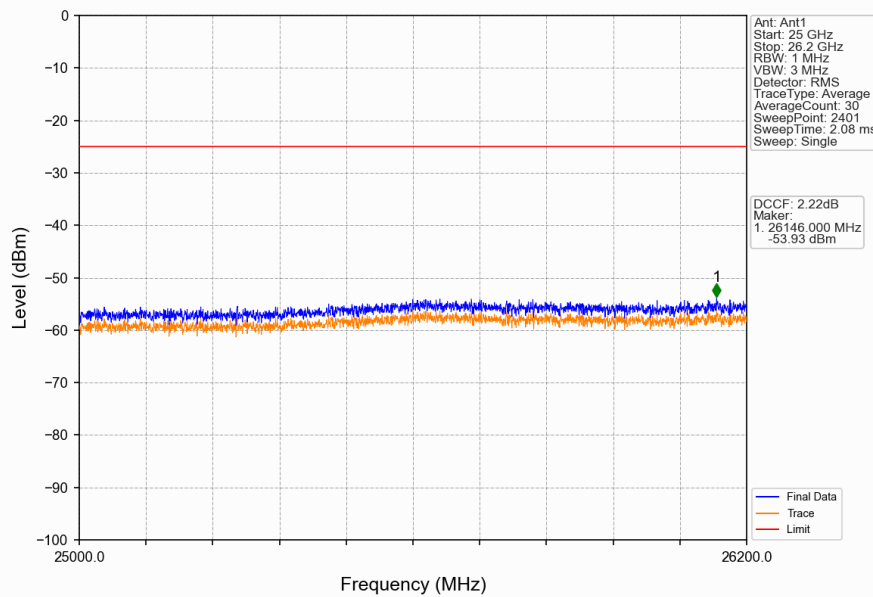
5.2.2 Test Graph



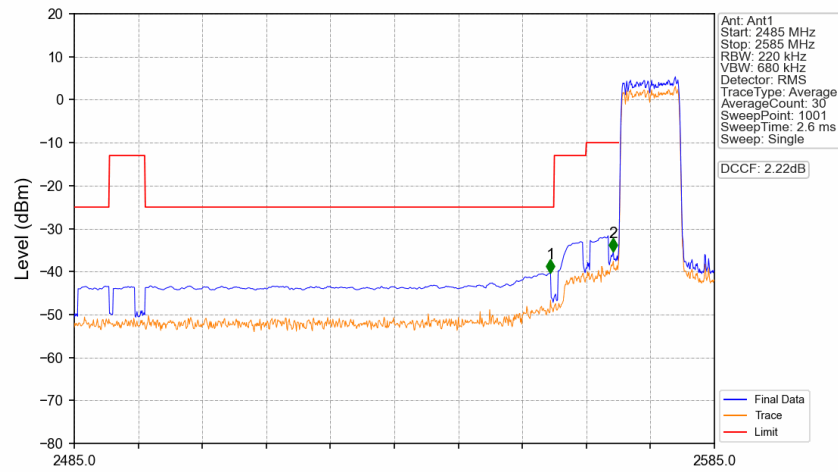
# Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTN



# Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTN

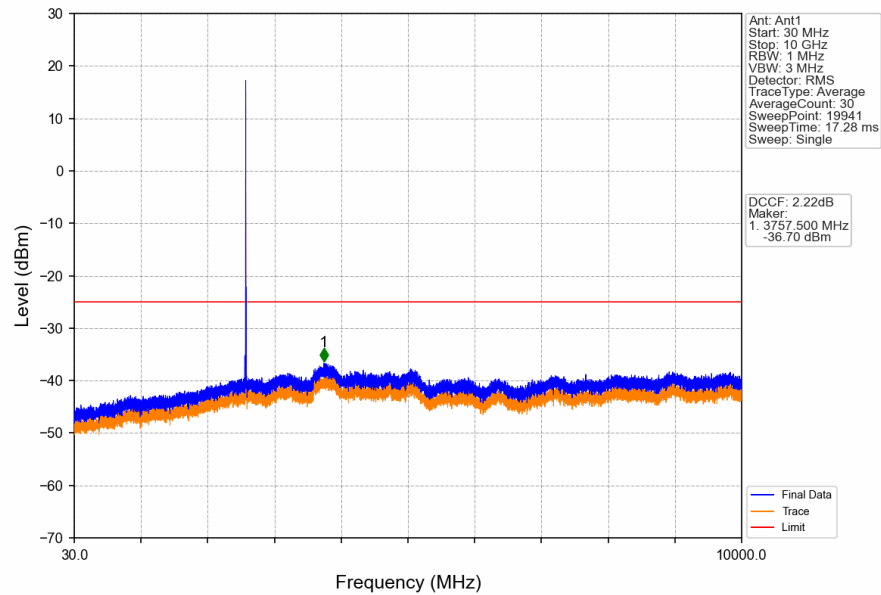


# Band38\_10MHz\_QPSK\_LCH\_2575MHz\_RB\_50\_0\_NTNV

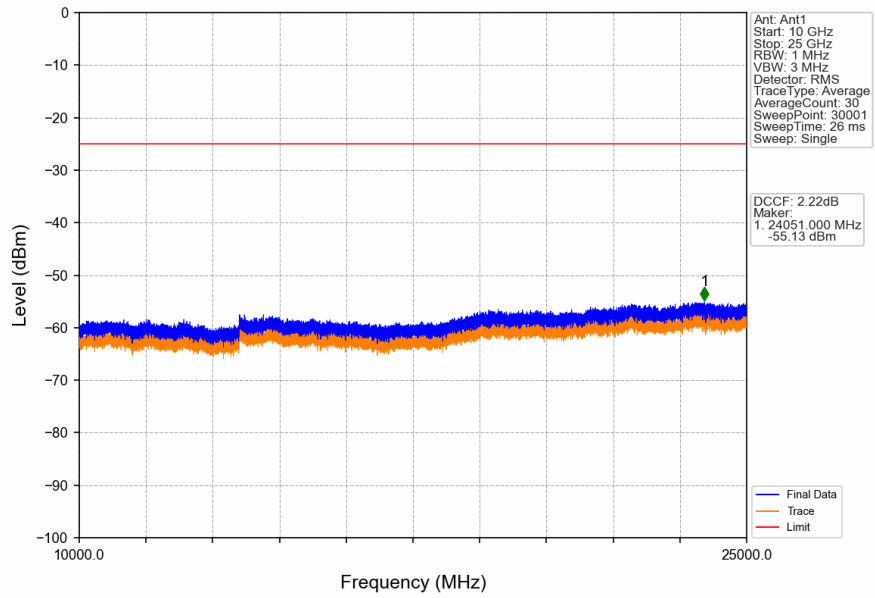


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2569       | 1         | CHP    | 1          | 2569.400   | -40.35      | -25         | Pass   |
| 2569        | 2570       | 0.22      | /      | 2          | 2569.200   | -35.34      | -10         | Pass   |
| 2570        | 2585       | 0.22      | /      | /          | /          | /           | /           | /      |

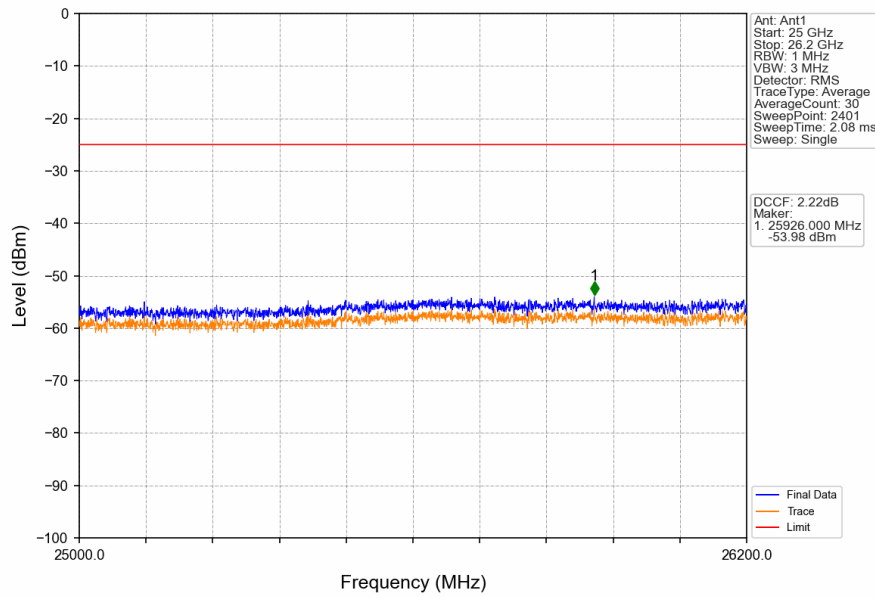
# Band38\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



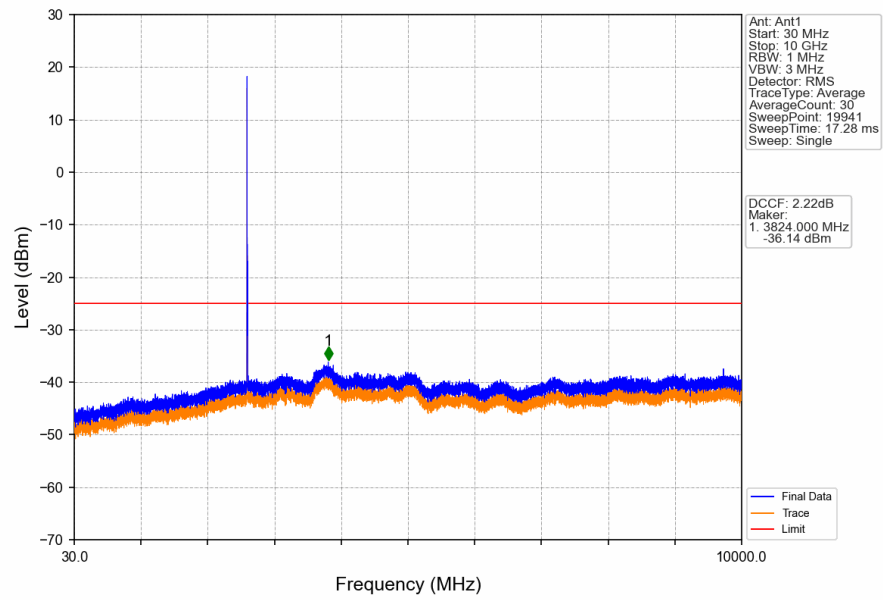
# Band38\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



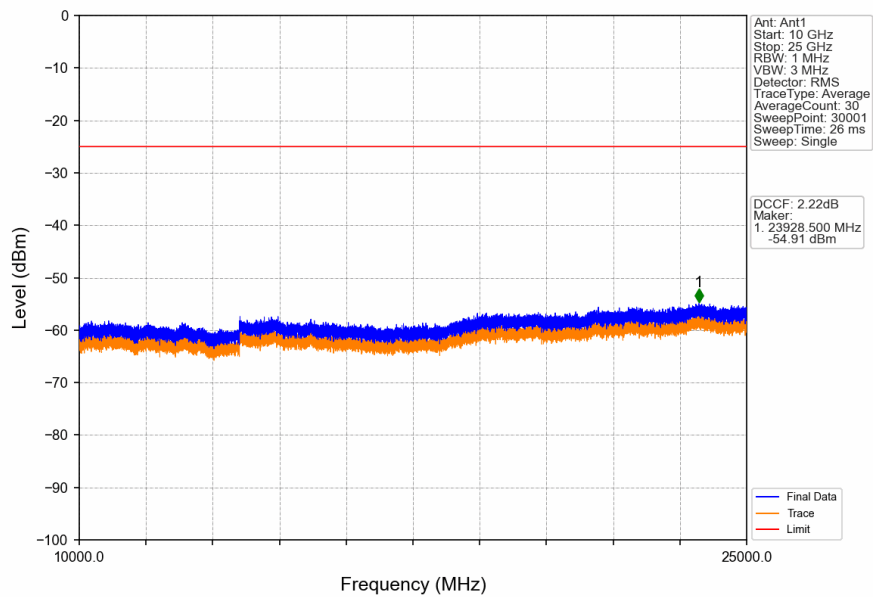
# Band38\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



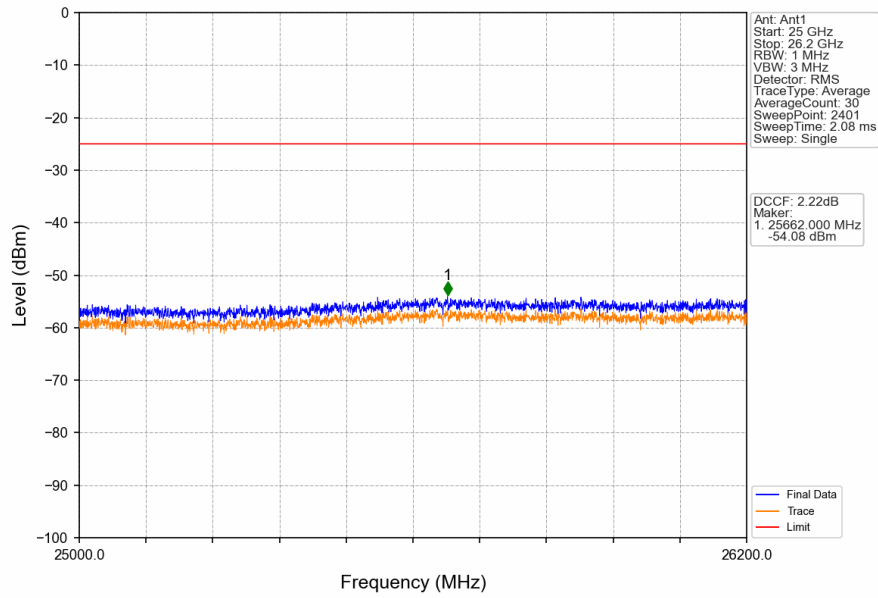
# Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_1\_0\_NTNV



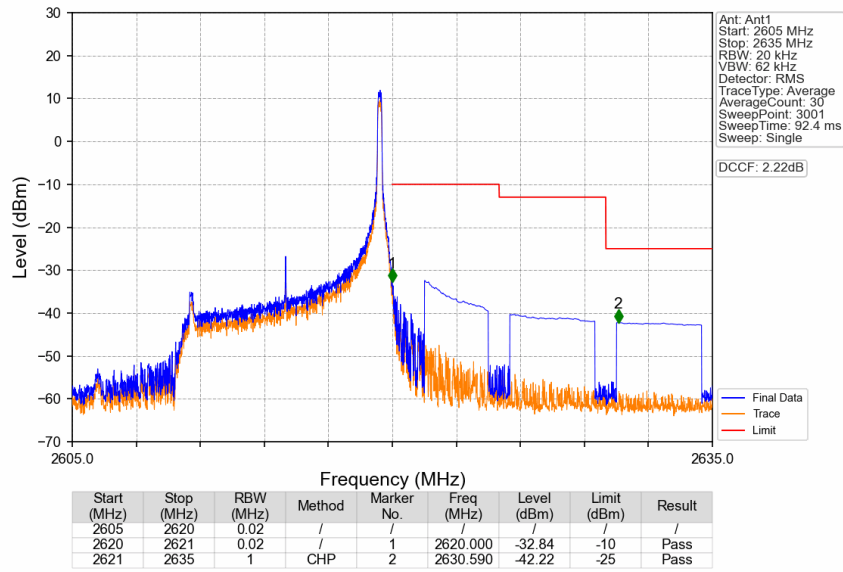
# Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_1\_0\_NTNV



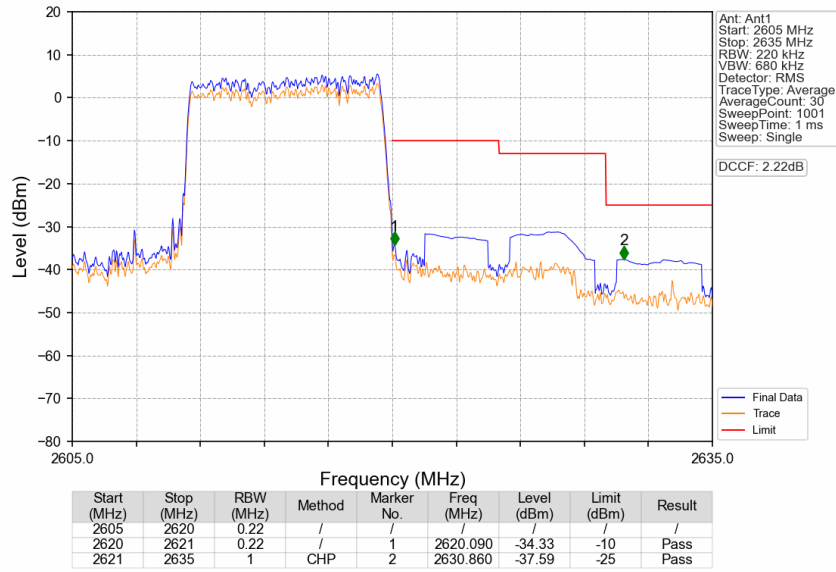
# Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_1\_0\_NTNV



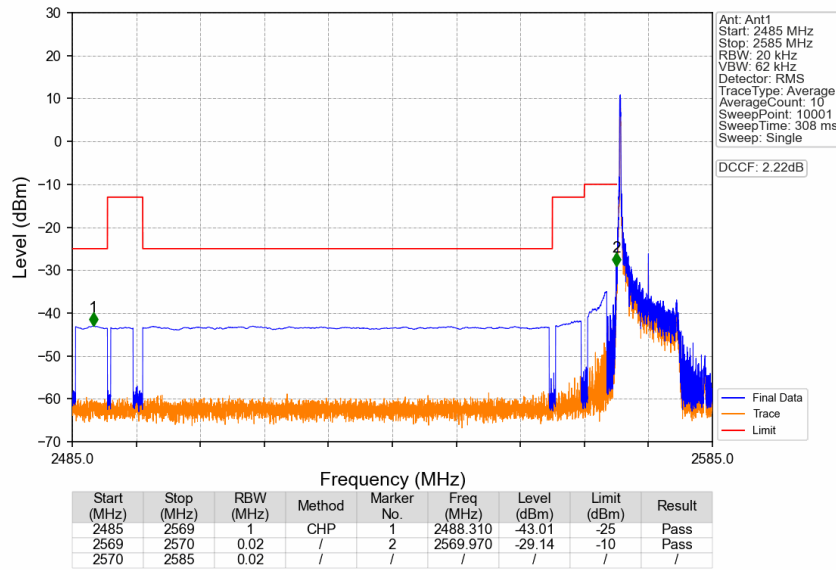
# Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_1\_49\_NTNV



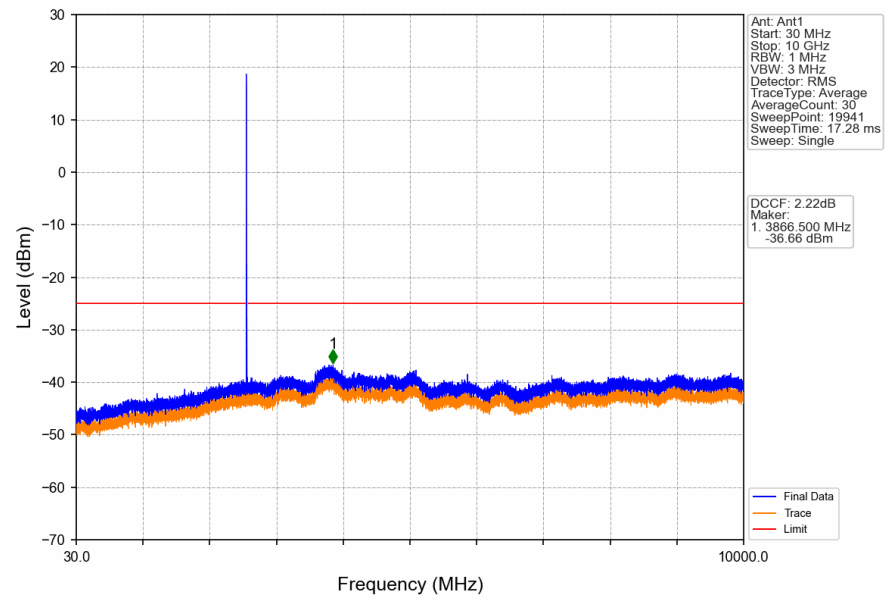
# Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_50\_0\_NTNV



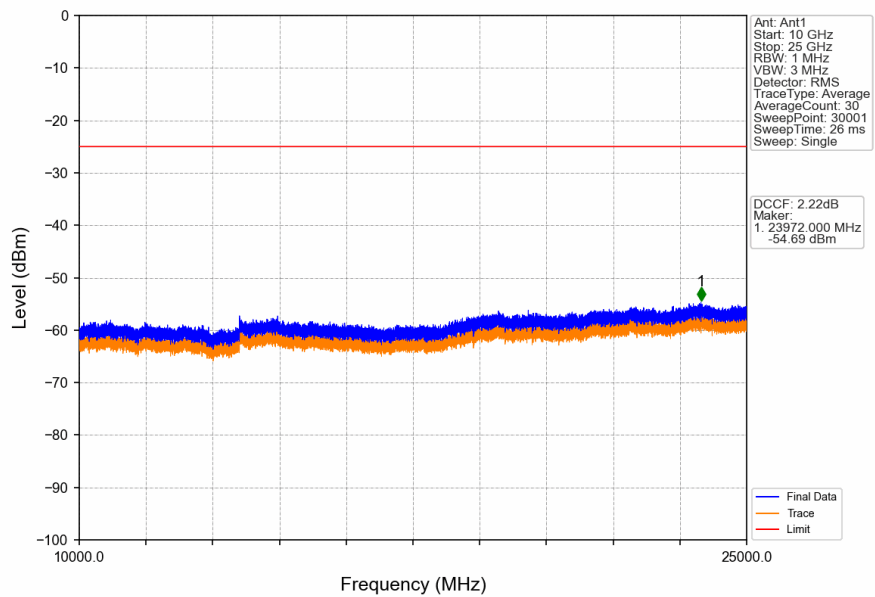
# Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



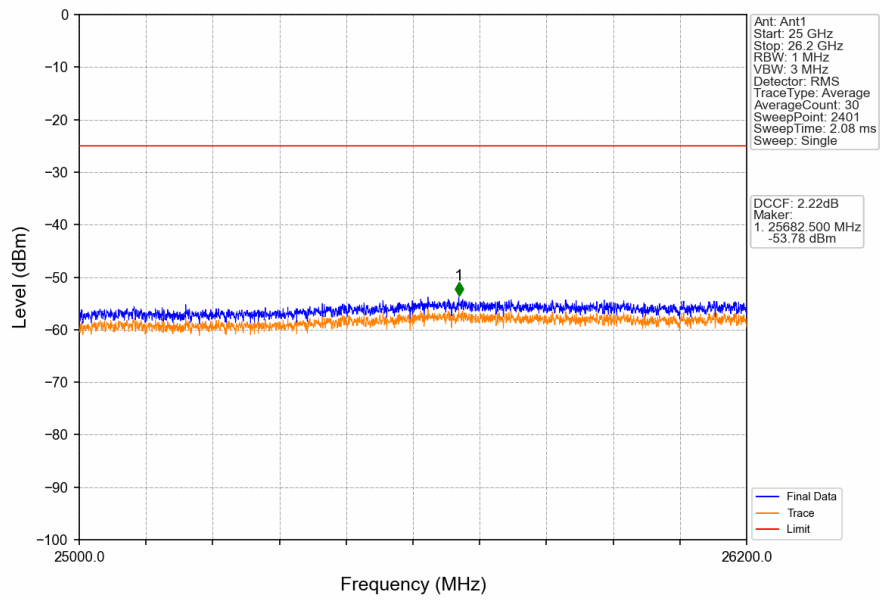
Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



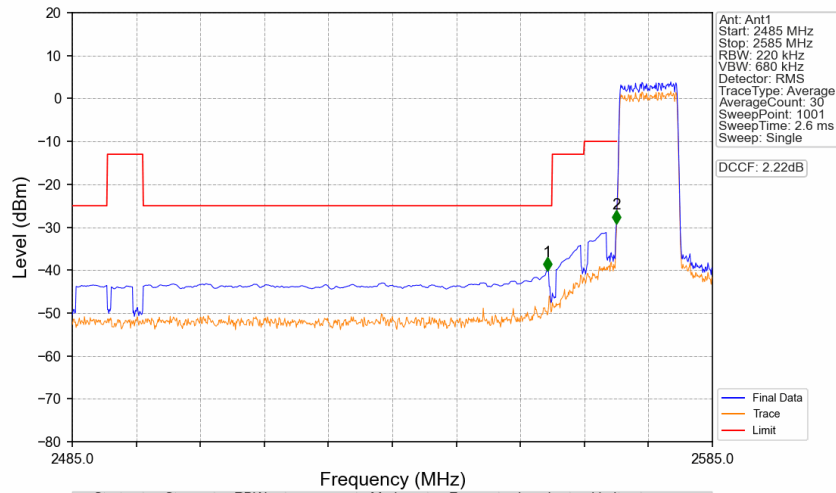
Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV

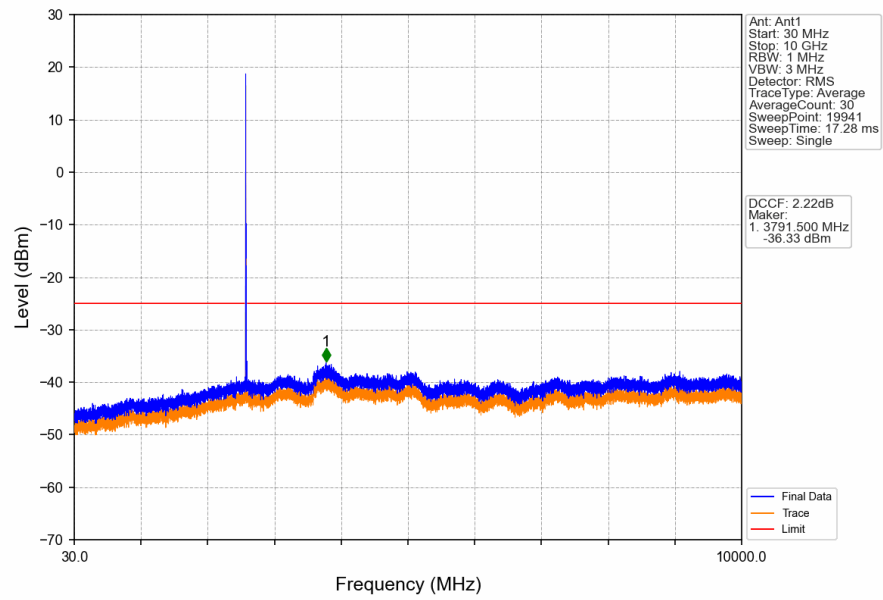


Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_50\_0\_NTNV

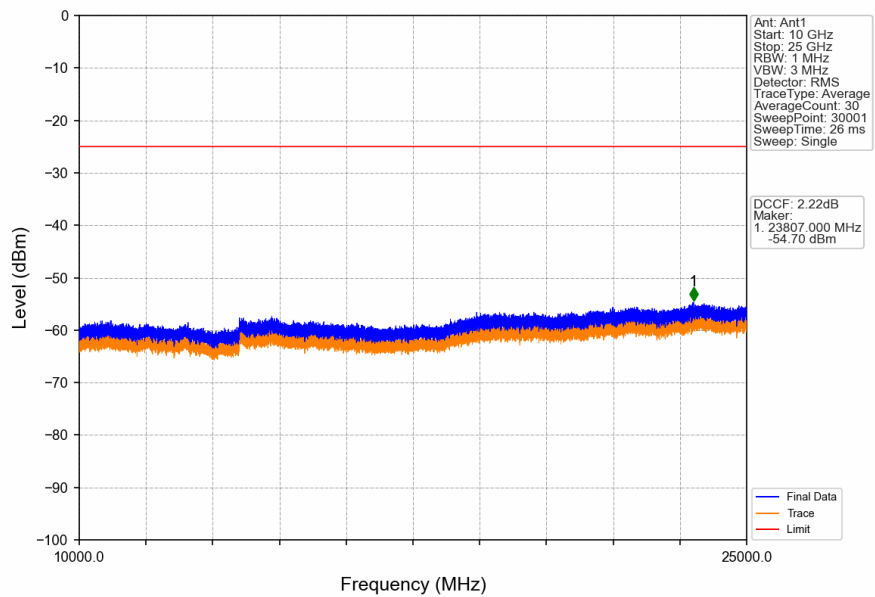


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2569       | 1         | CHP    | 1          | 2559.200   | -40.19      | -25         | Pass   |
| 2569        | 2570       | 0.22      | /      | 2          | 2570.000   | -29.14      | -10         | Pass   |
| 2570        | 2585       | 0.22      | /      | /          | /          | /           | /           | /      |

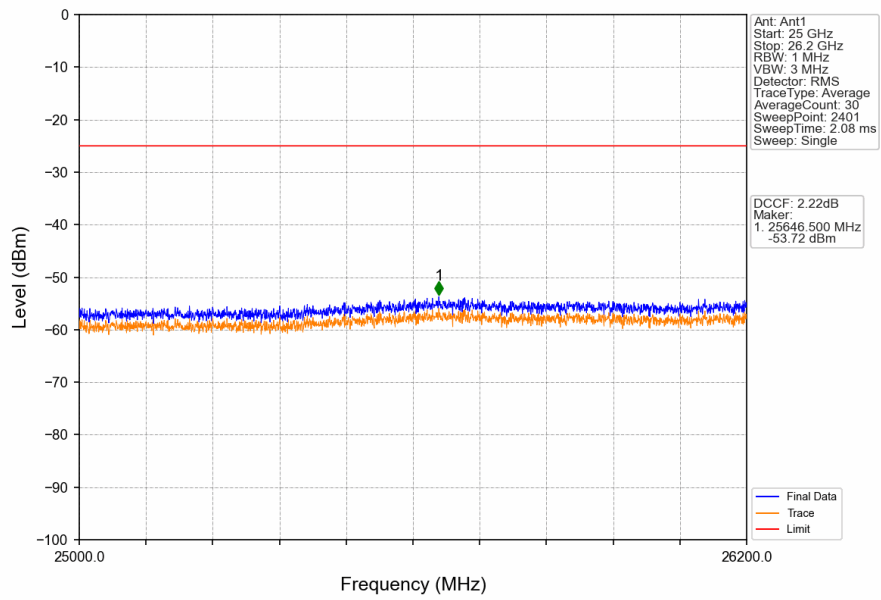
# Band38\_10MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



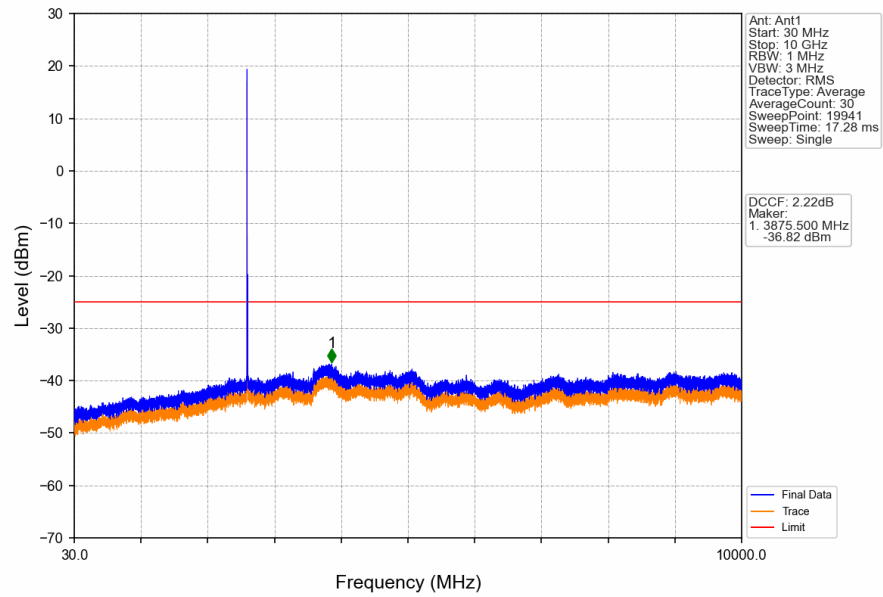
# Band38\_10MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



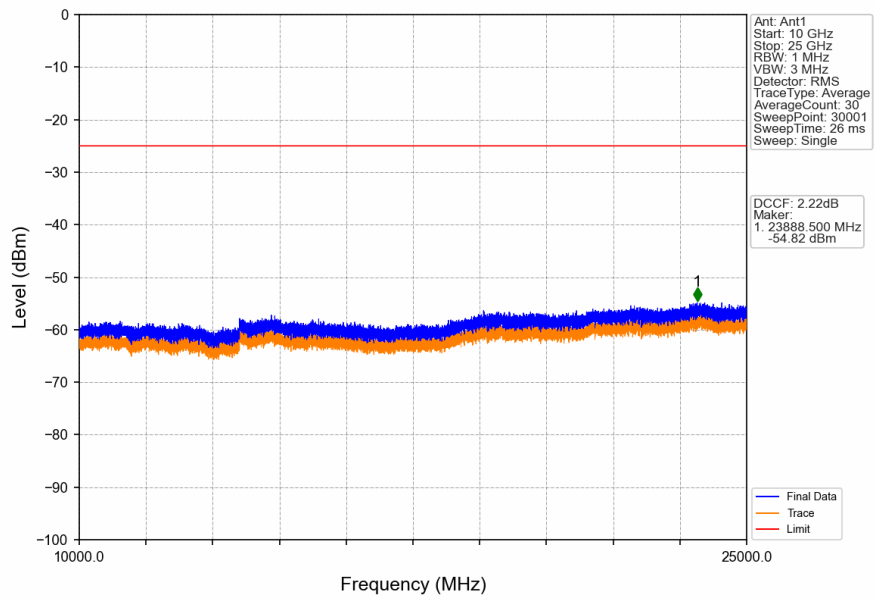
Band38\_10MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



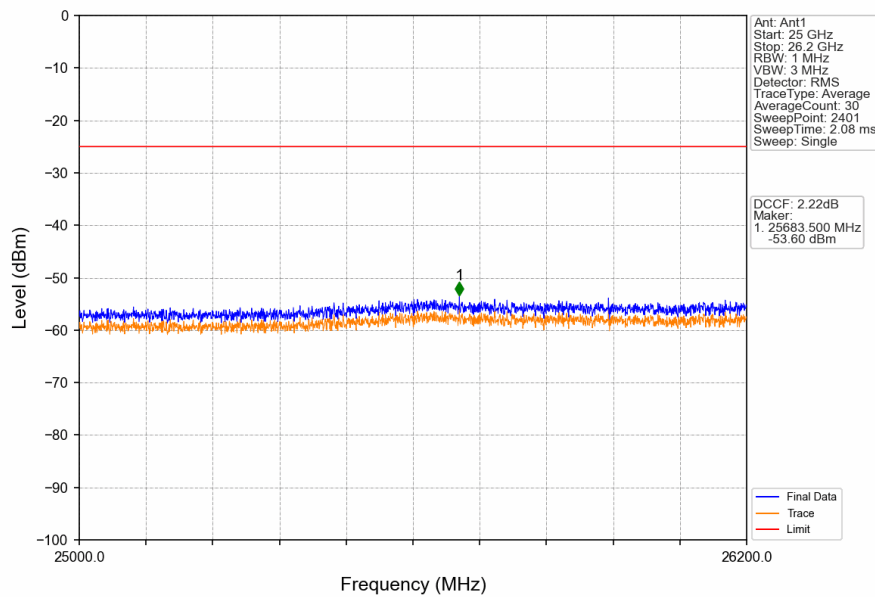
Band38\_10MHz\_16QAM\_HCH\_2615MHz\_RB\_1\_0\_NTNV



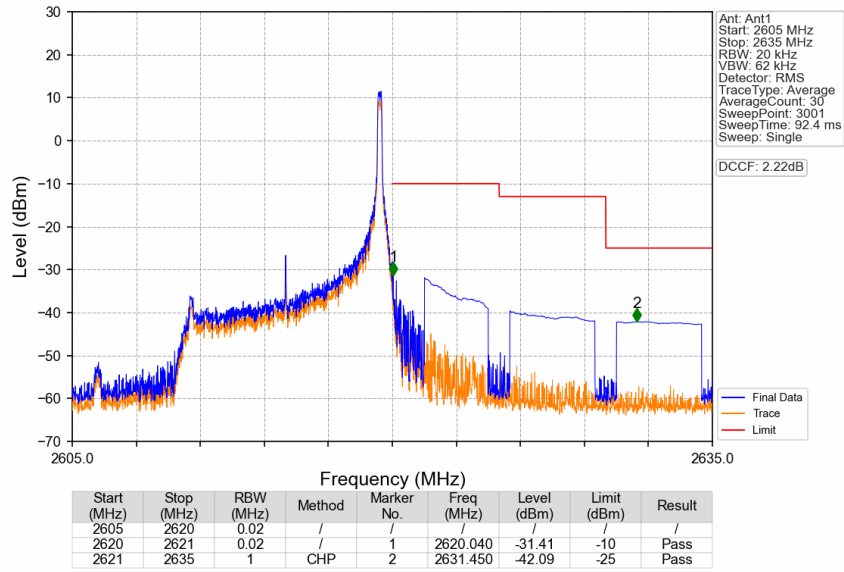
Band38\_10MHz\_16QAM\_HCH\_2615MHz\_RB\_1\_0\_NTNV



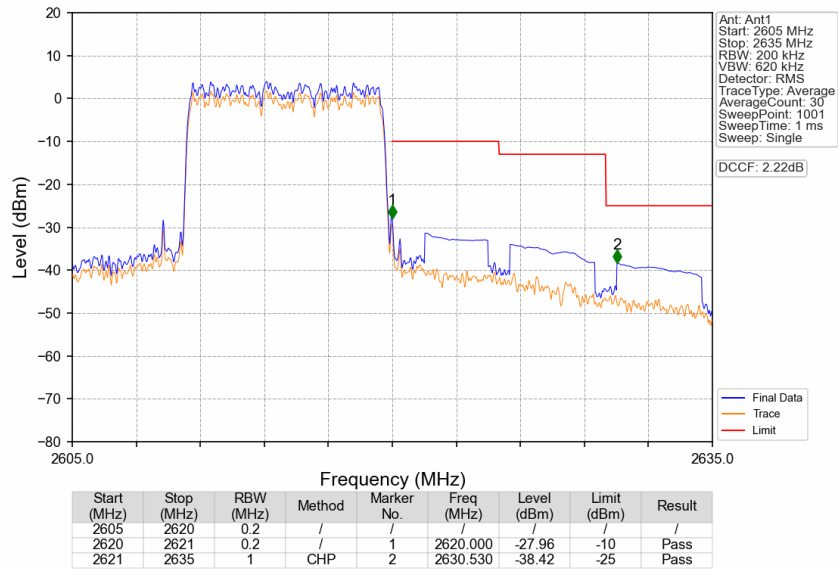
Band38\_10MHz\_16QAM\_HCH\_2615MHz\_RB\_1\_0\_NTNV



Band38 10MHz 16QAM HCH 2615MHz RB 1 49 NTNV



Band38 10MHz 16QAM HCH 2615MHz RB 50 0 NTNV

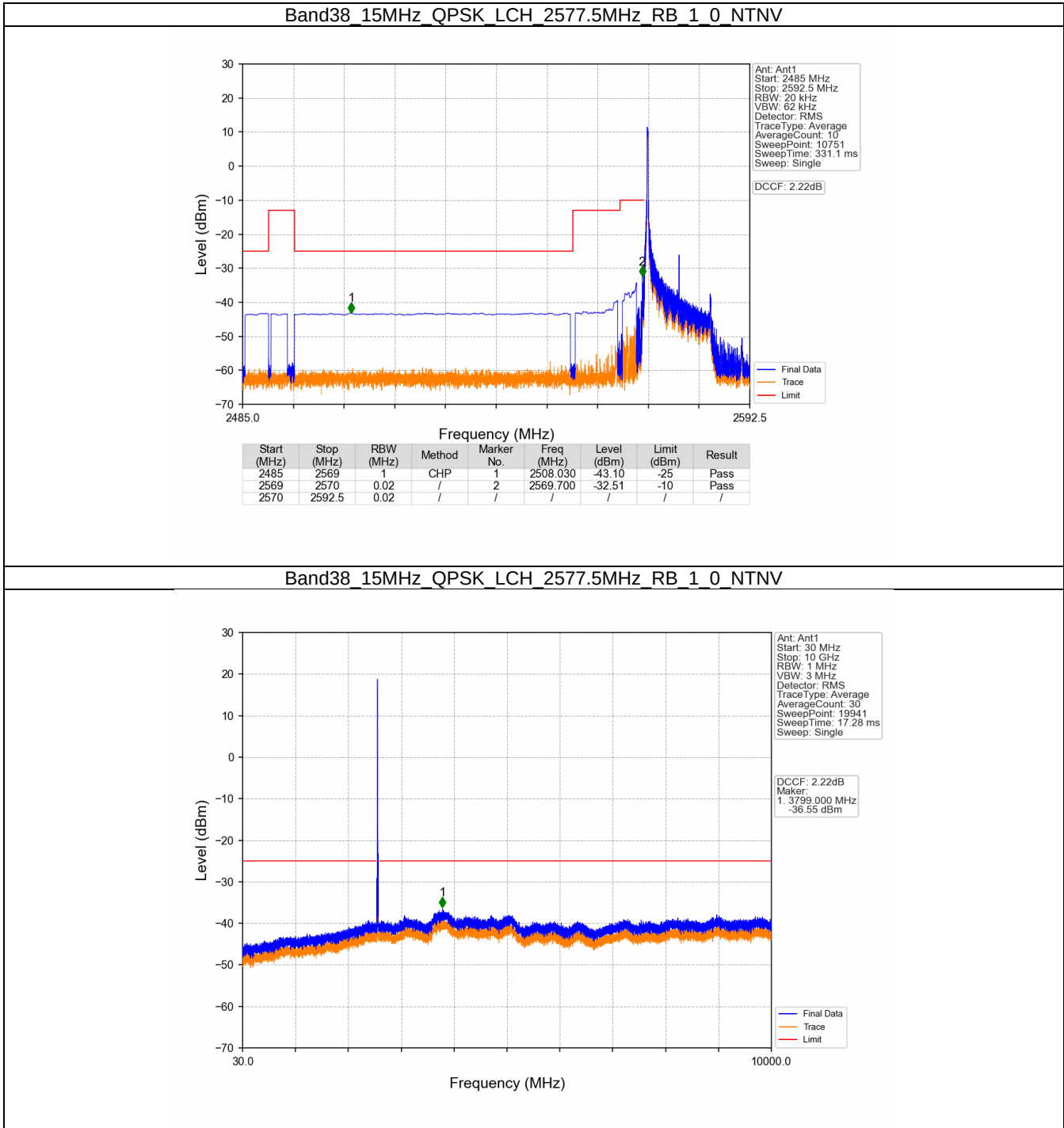


## 5.3 B38\_15MHz

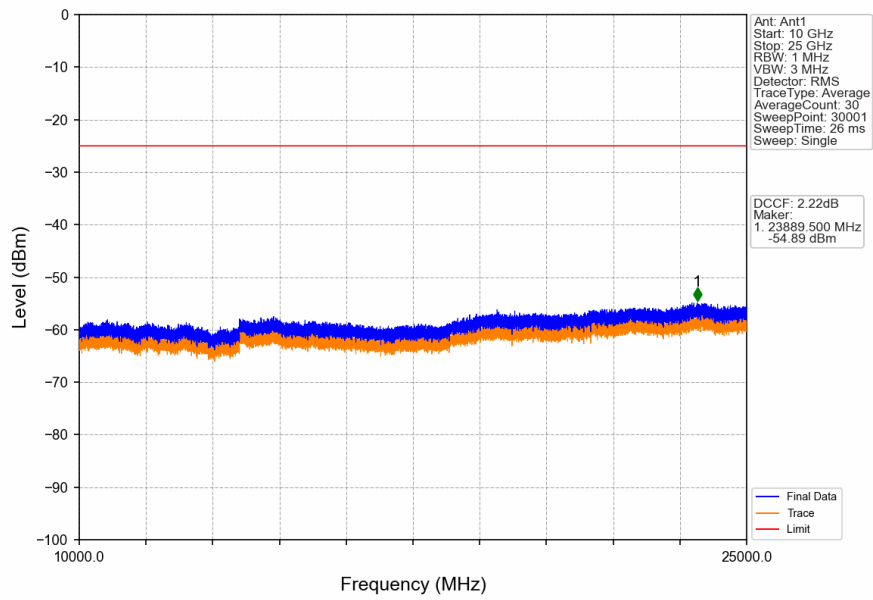
### 5.3.1 Test Result

| Band: 38 / Bandwidth: 15MHz / NTV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 2577.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2595            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2612.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 2577.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2595            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2612.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |

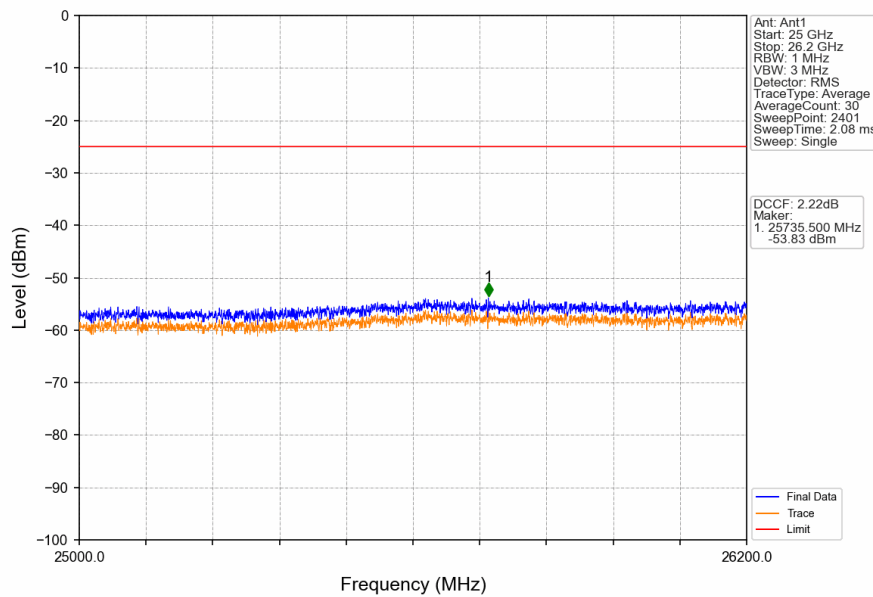
5.3.2 Test Graph



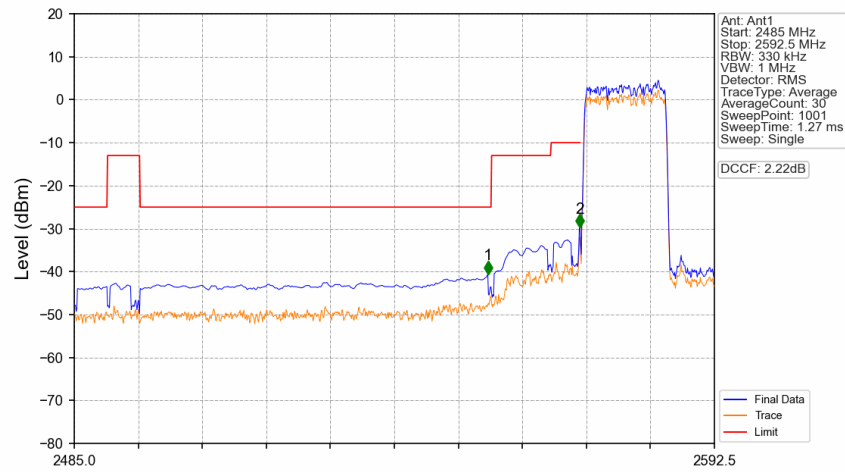
Band38\_15MHz\_QPSK\_LCH\_2577.5MHz\_RB\_1\_0\_NTNV



Band38\_15MHz\_QPSK\_LCH\_2577.5MHz\_RB\_1\_0\_NTNV

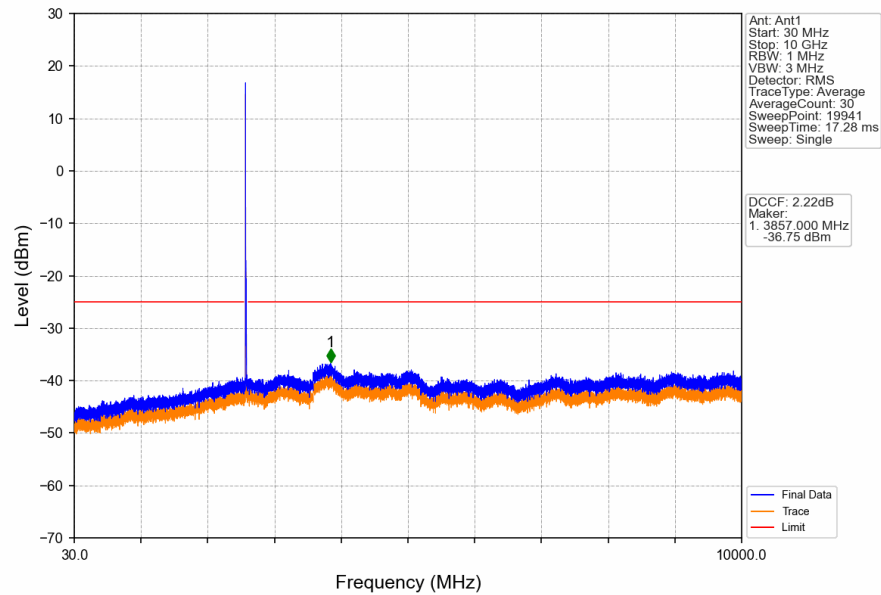


# Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV

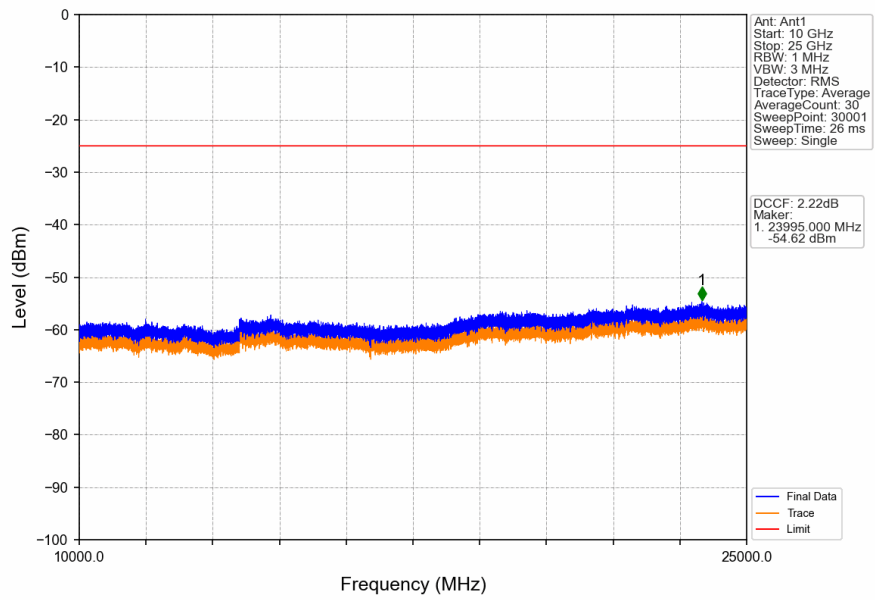


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2569       | 1         | CHP    | 1          | 2554.445   | -40.61      | -25         | Pass   |
| 2569        | 2570       | 0.33      | /      | 2          | 2569.925   | -29.76      | -10         | Pass   |
| 2570        | 2592.5     | 0.33      | /      | /          | /          | /           | /           | /      |

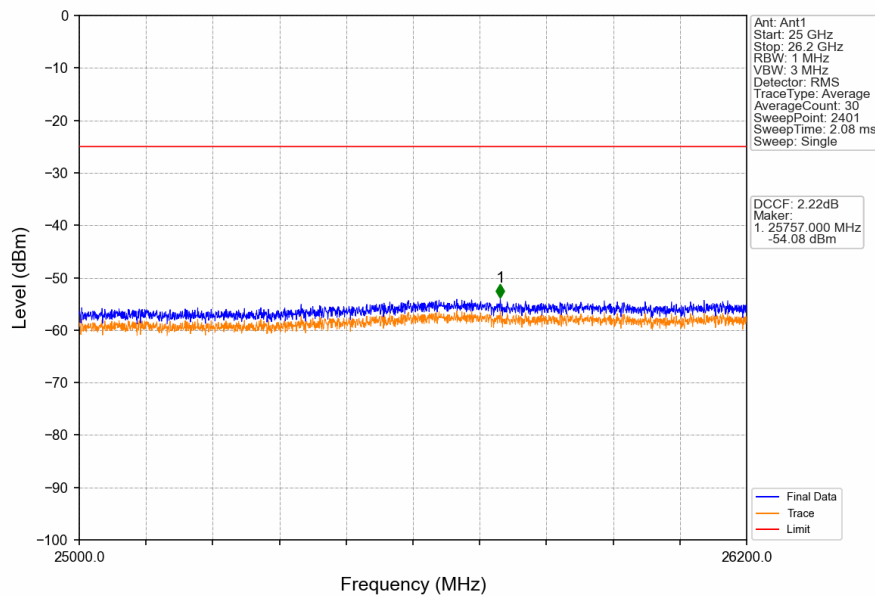
# Band38\_15MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



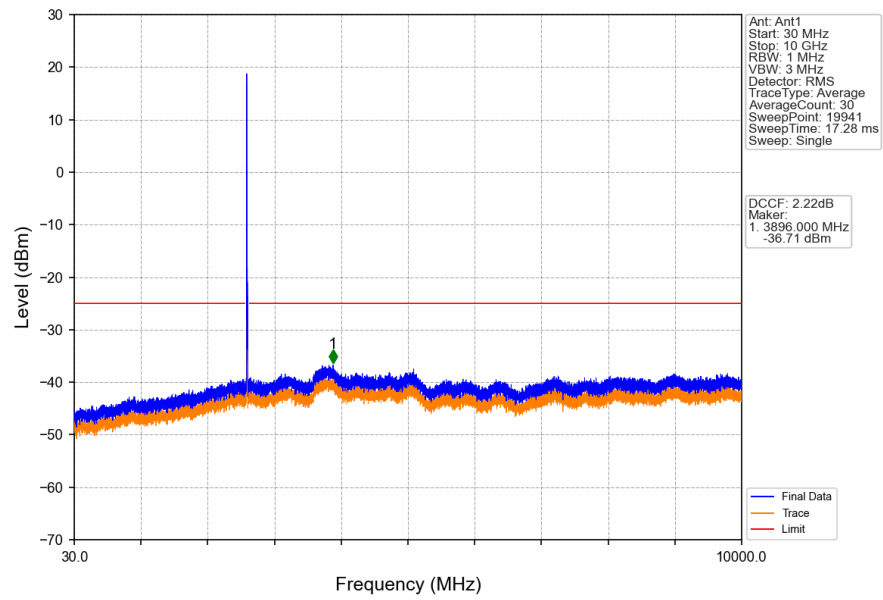
# Band38\_15MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



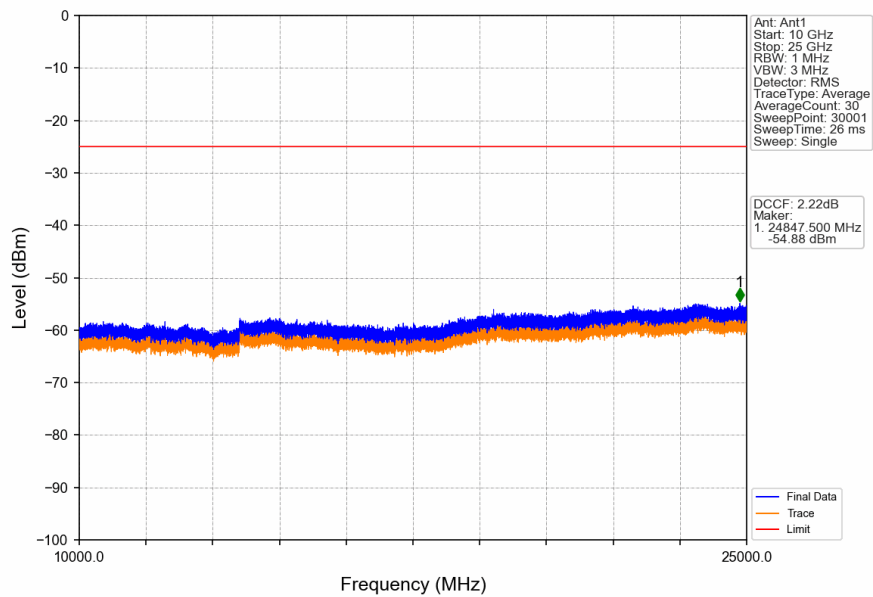
# Band38\_15MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



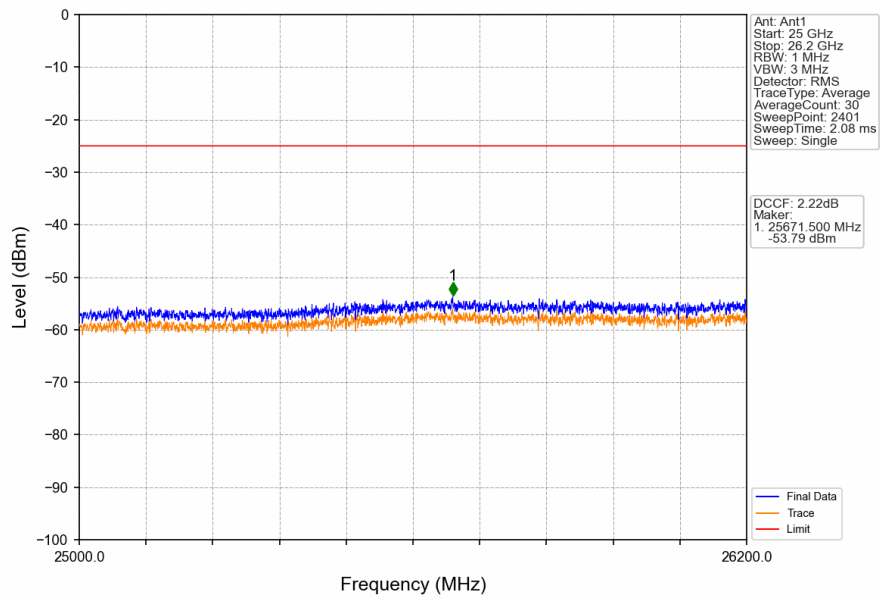
Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_1\_0\_NTNV



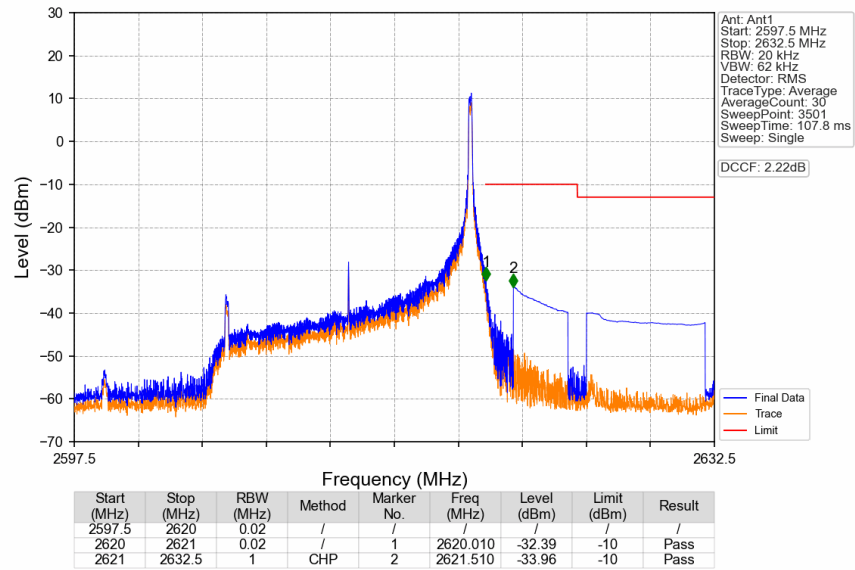
Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_1\_0\_NTNV



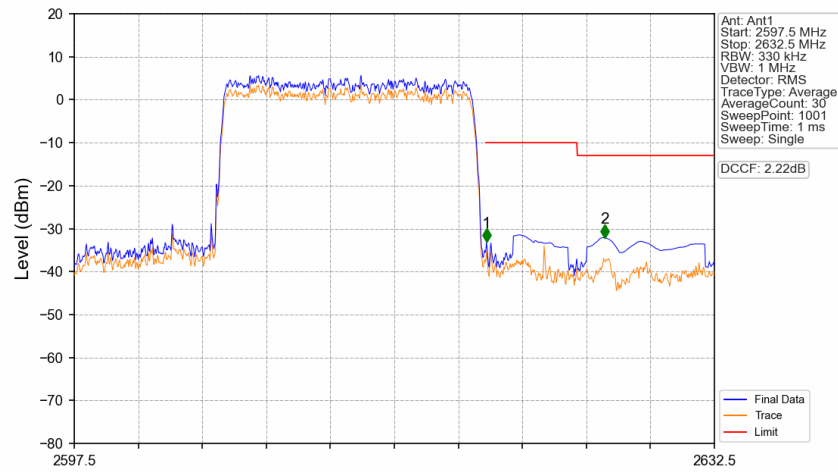
# Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_1\_0\_NTNV



# Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_1\_74\_NTNV

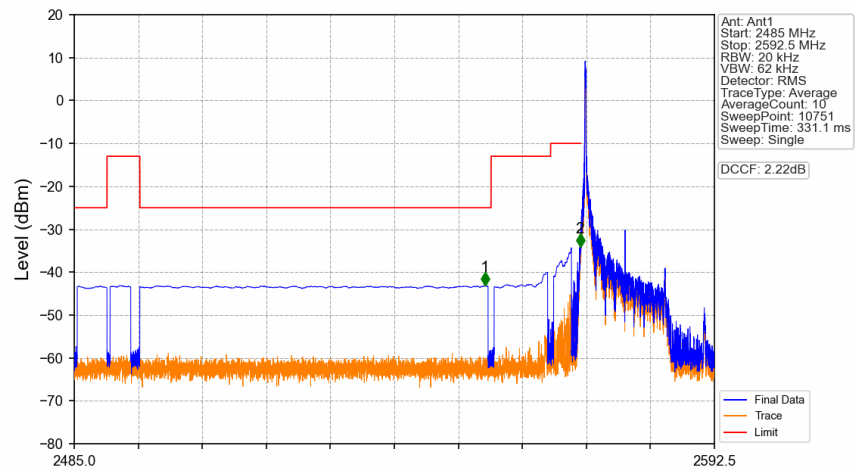


# Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_75\_0\_NTNV



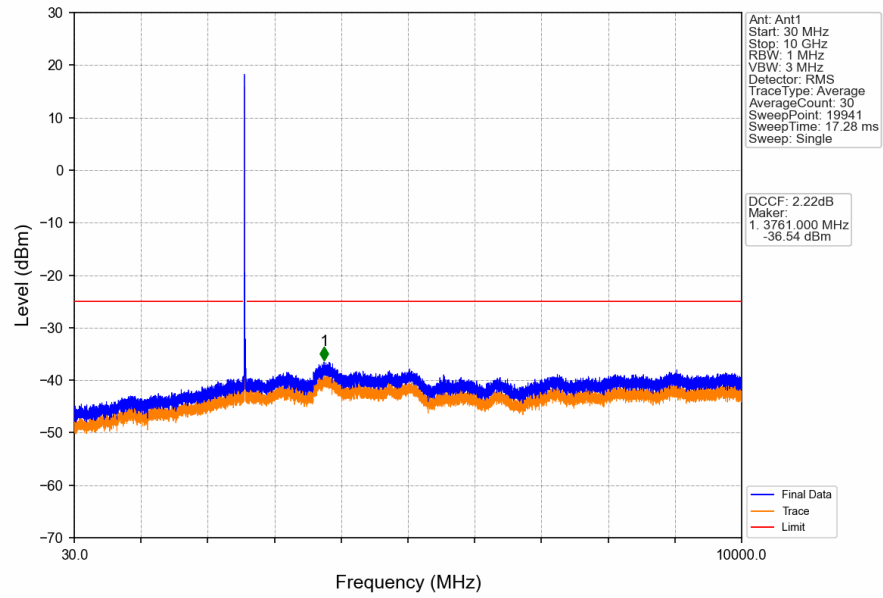
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2597.5      | 2620       | 0.33      | /      | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.33      | /      | 1          | 2620.040   | -33.05      | -10         | Pass   |
| 2621        | 2632.5     | 1         | CHP    | 2          | 2626.515   | -32.12      | -13         | Pass   |

# Band38\_15MHz\_16QAM\_LCH\_2577.5MHz\_RB\_1\_0\_NTNV

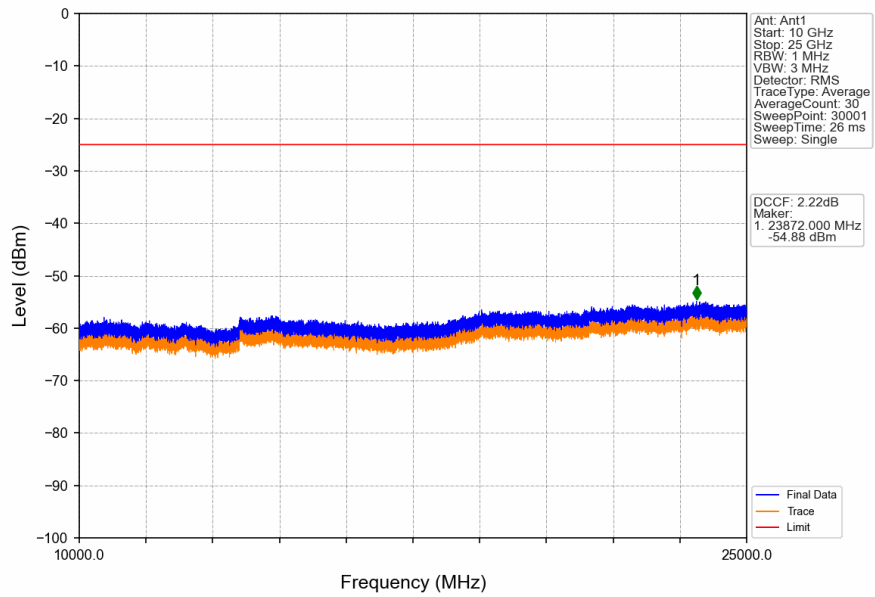


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2569       | 1         | CHP    | 1          | 2553.960   | -43.14      | -25         | Pass   |
| 2569        | 2570       | 0.02      | /      | 2          | 2569.960   | -34.14      | -10         | Pass   |
| 2570        | 2592.5     | 0.02      | /      | /          | /          | /           | /           | /      |

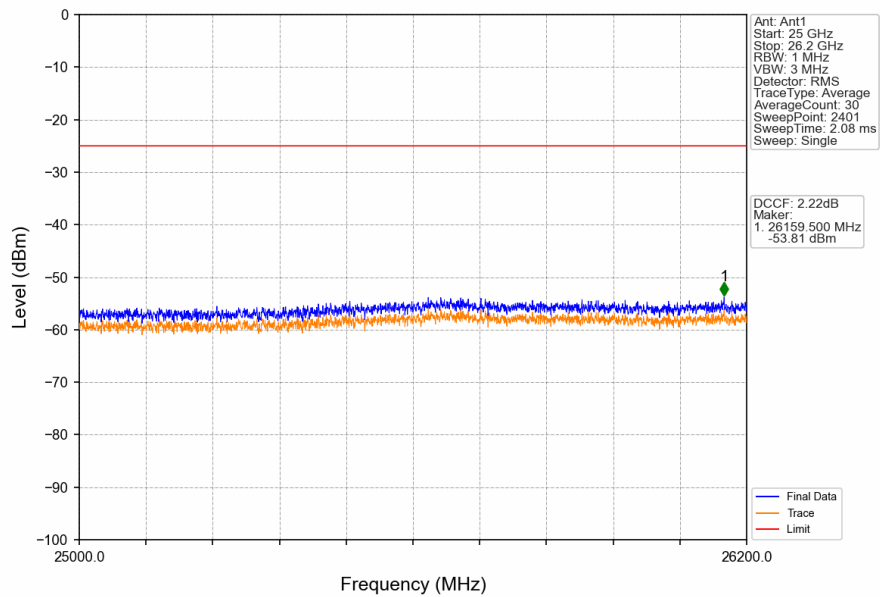
# Band38 15MHz 16QAM LCH 2577.5MHz RB 1 0 NTN



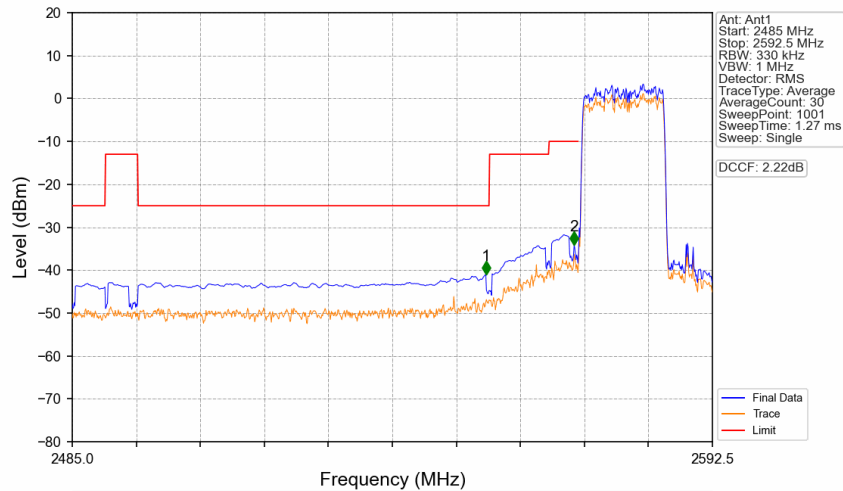
# Band38 15MHz 16QAM LCH 2577.5MHz RB 1 0 NTN



# Band38 15MHz 16QAM LCH 2577.5MHz RB 1 0 NTN

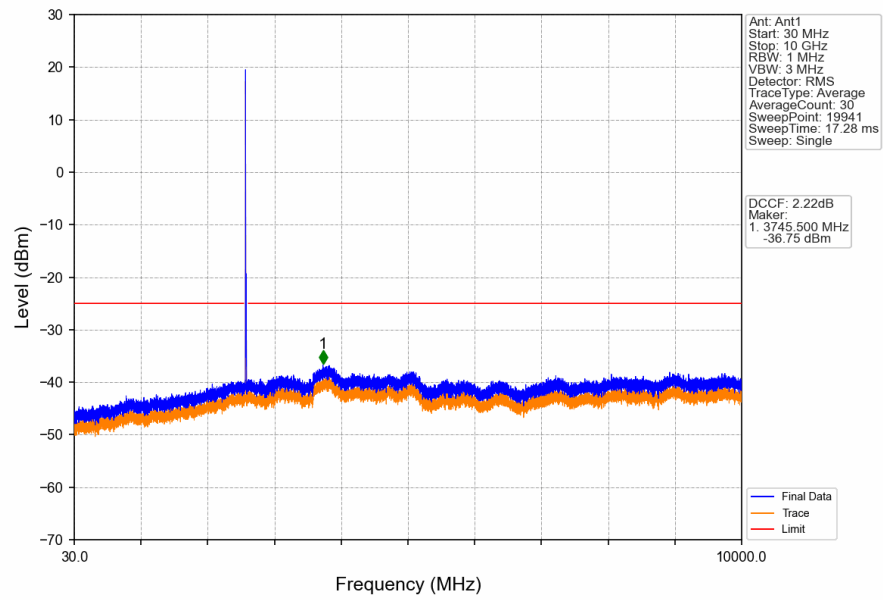


# Band38 15MHz 16QAM LCH 2577.5MHz RB 75 0 NTN

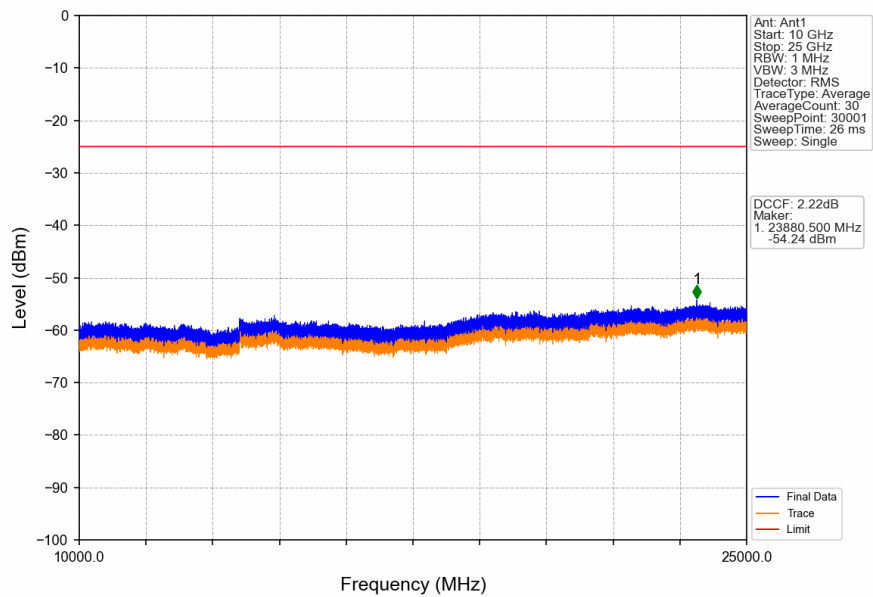


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2569       | 1         | CHP    | 1          | 2554.445   | -41.00      | -25         | Pass   |
| 2569        | 2570       | 0.33      | /      | 2          | 2569.280   | -34.13      | -10         | Pass   |
| 2570        | 2592.5     | 0.33      | /      | /          | /          | /           | /           | /      |

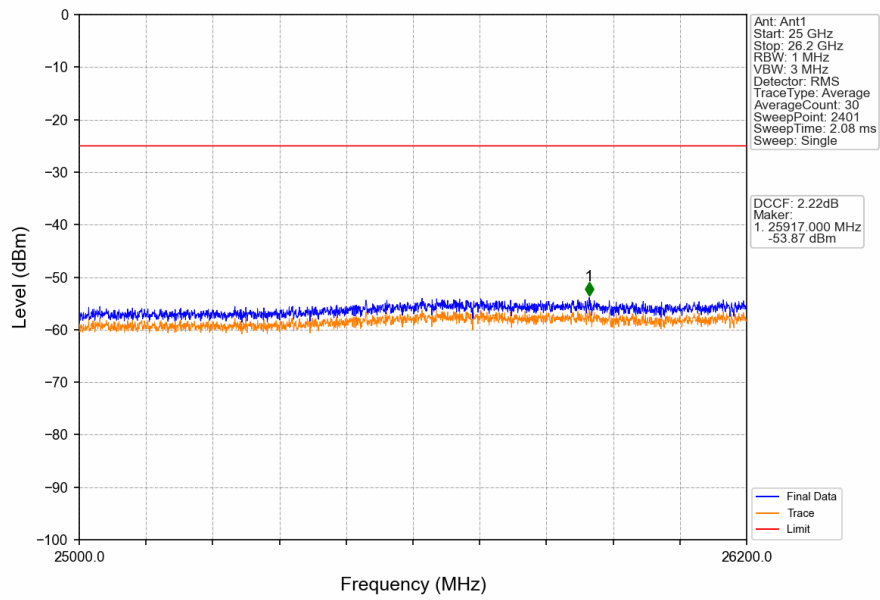
Band38\_15MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



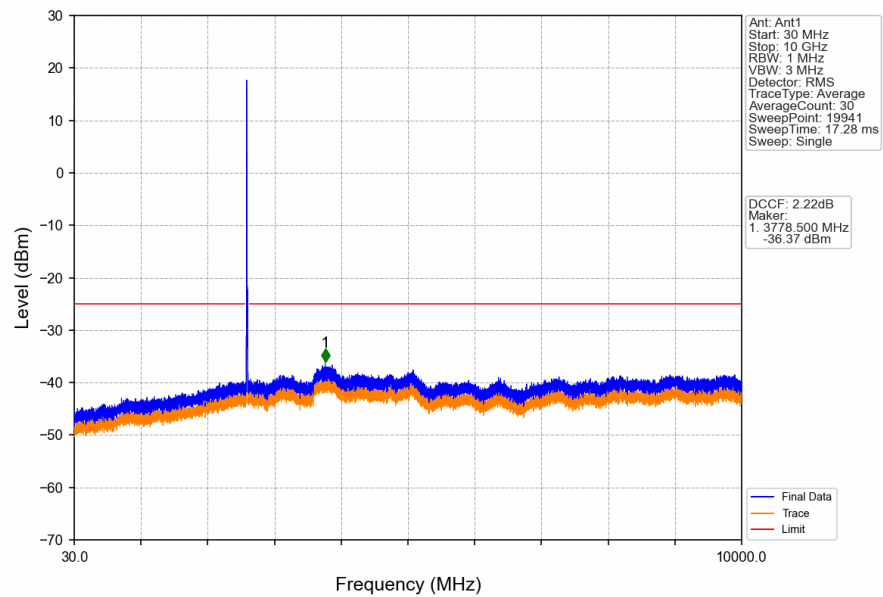
Band38\_15MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



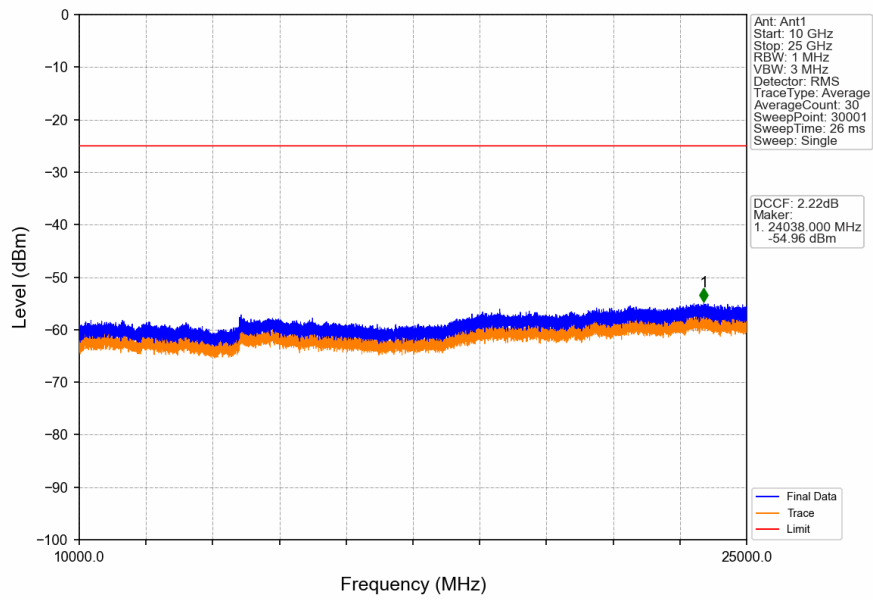
Band38\_15MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



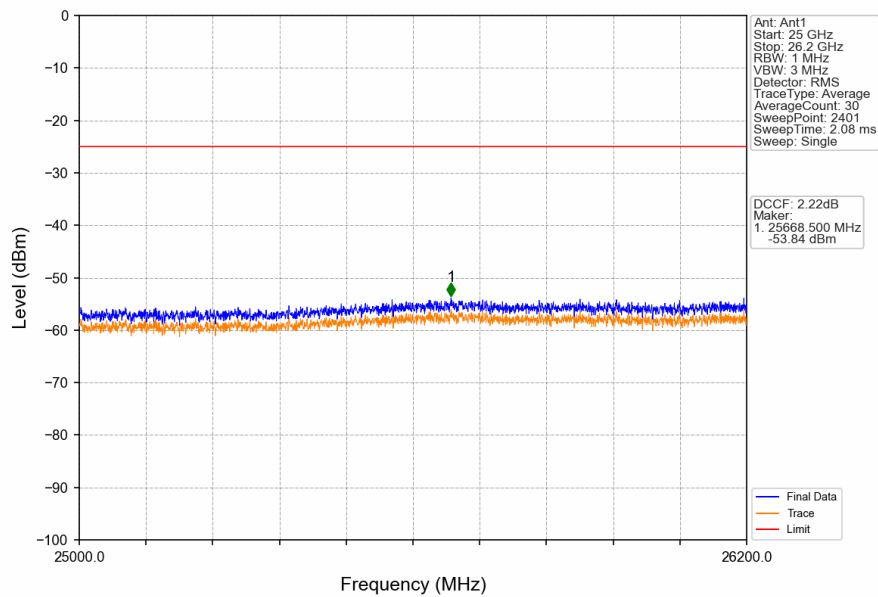
Band38\_15MHz\_16QAM\_HCH\_2612.5MHz\_RB\_1\_0\_NTNV



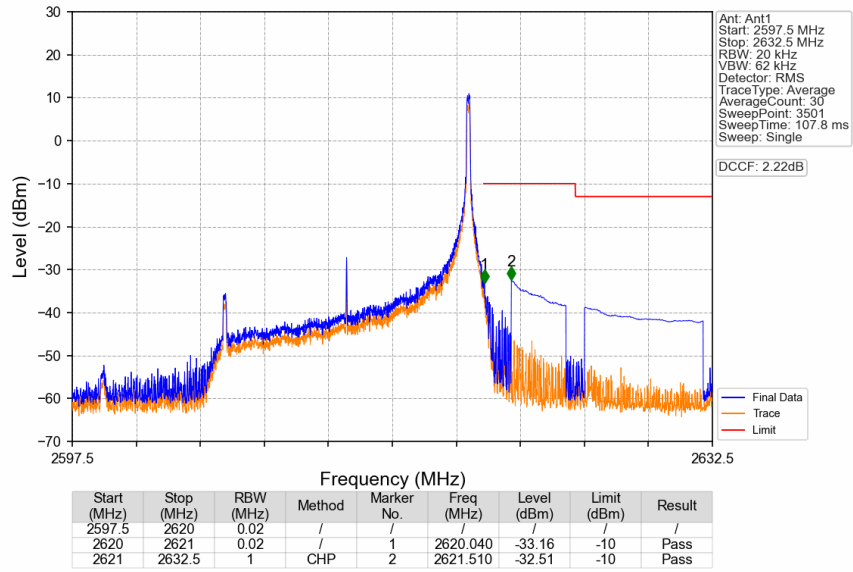
Band38\_15MHz\_16QAM\_HCH\_2612.5MHz\_RB\_1\_0\_NTNV



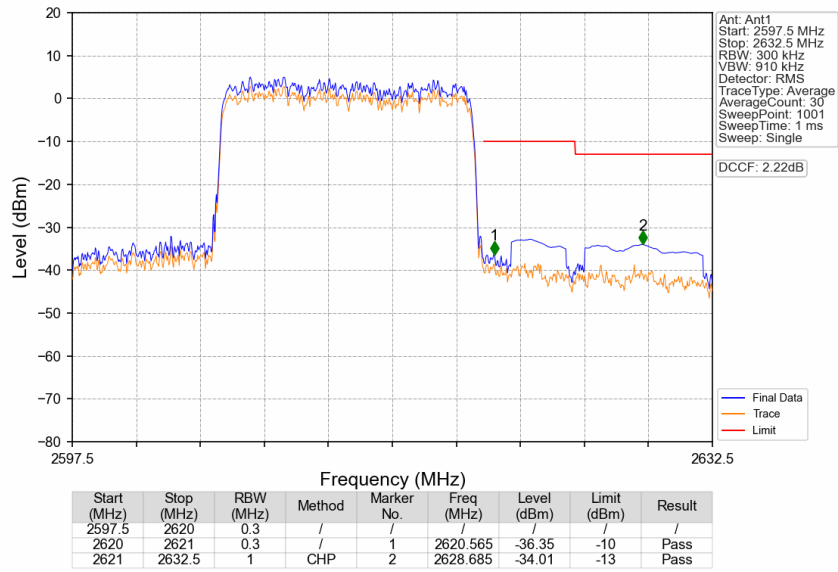
Band38\_15MHz\_16QAM\_HCH\_2612.5MHz\_RB\_1\_0\_NTNV



Band38\_15MHz\_16QAM\_HCH\_2612.5MHz\_RB\_1\_74\_NTNV



Band38\_15MHz\_16QAM\_HCH\_2612.5MHz\_RB\_75\_0\_NTNV

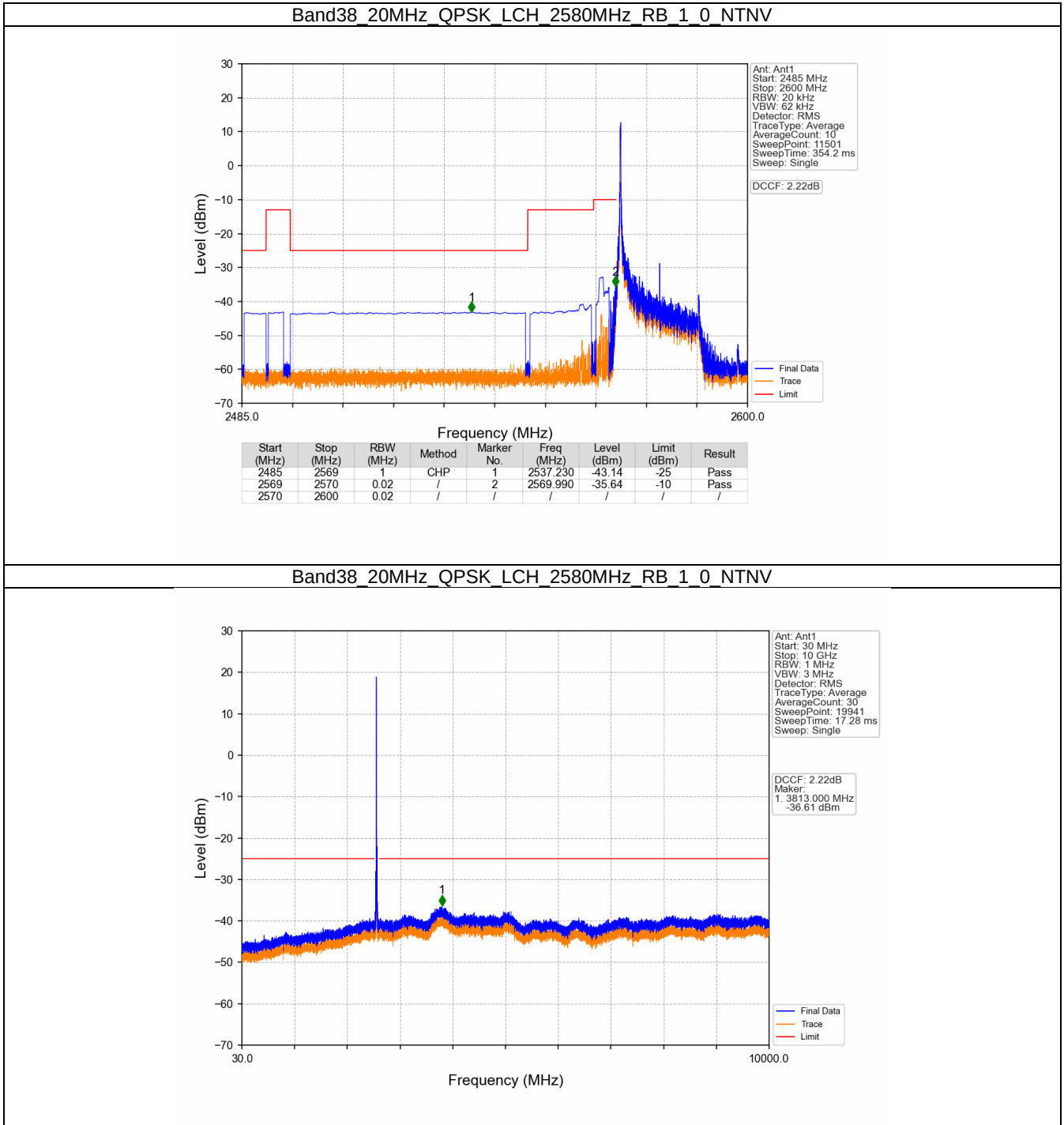


## 5.4 B38\_20MHz

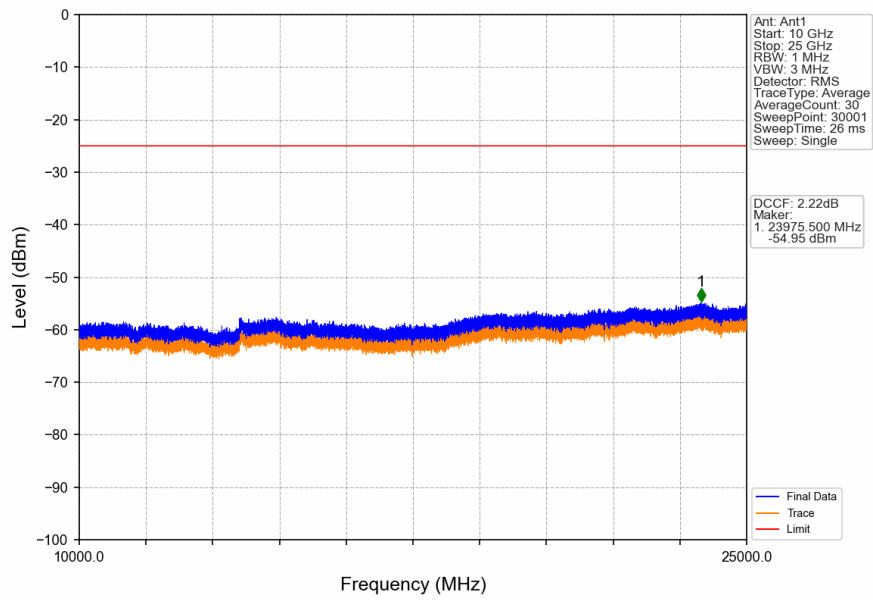
### 5.4.1 Test Result

| Band: 38 / Bandwidth: 20MHz / NTV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 2580            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2595            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2610            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 2580            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2595            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2610            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |

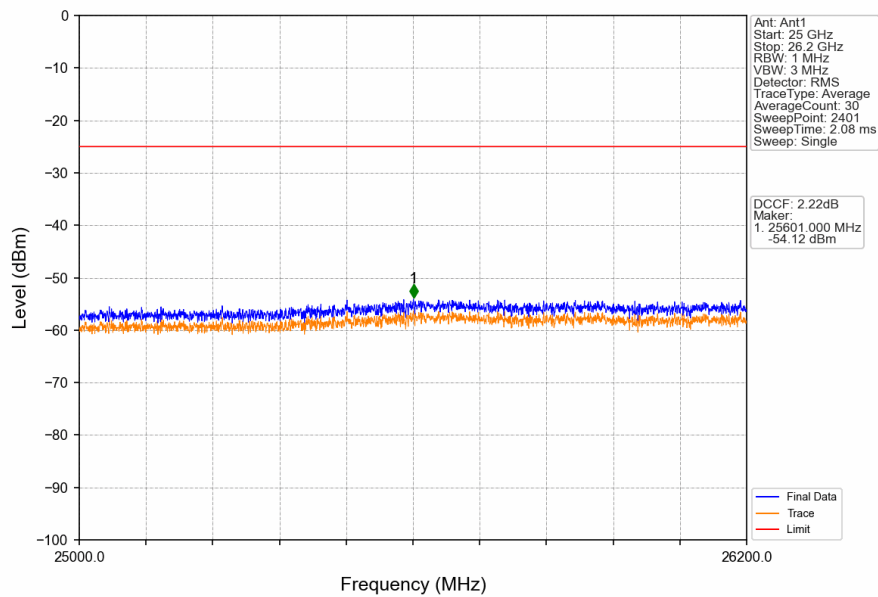
5.4.2 Test Graph



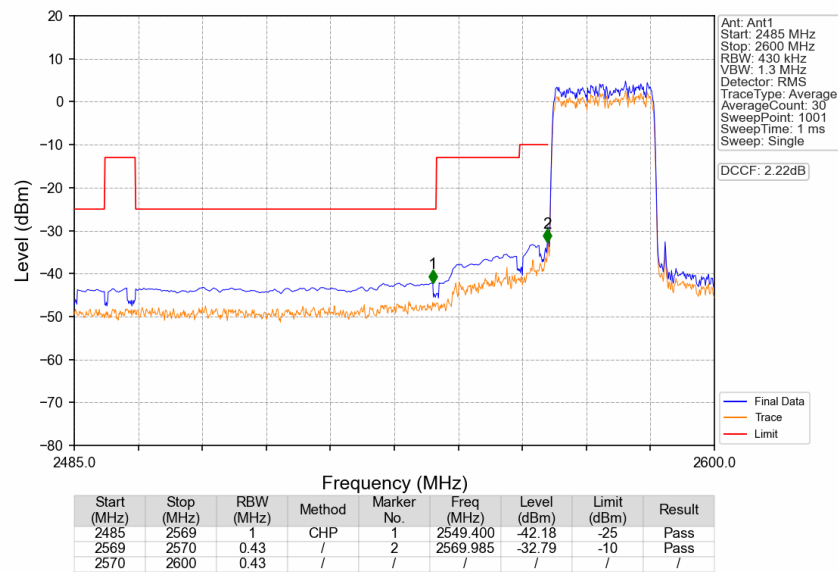
# Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTN



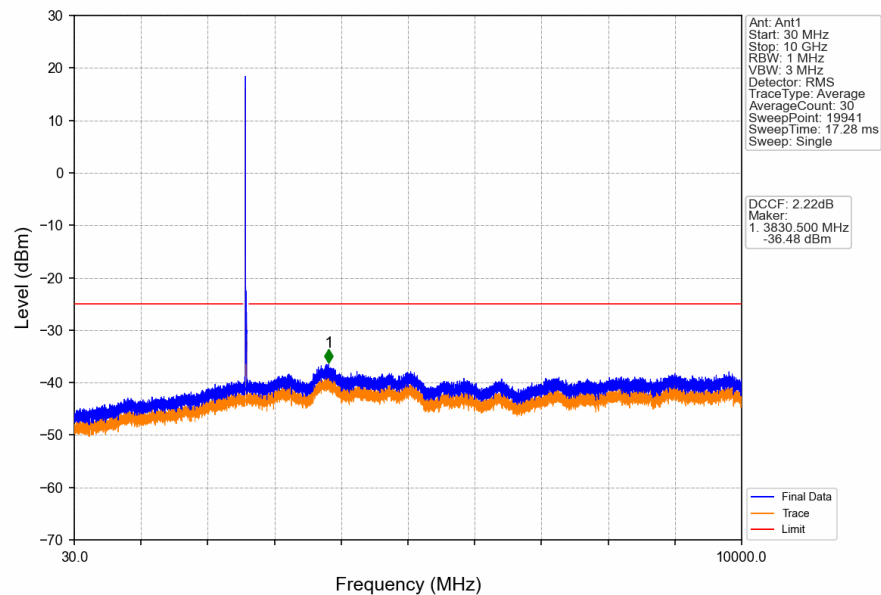
# Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTN



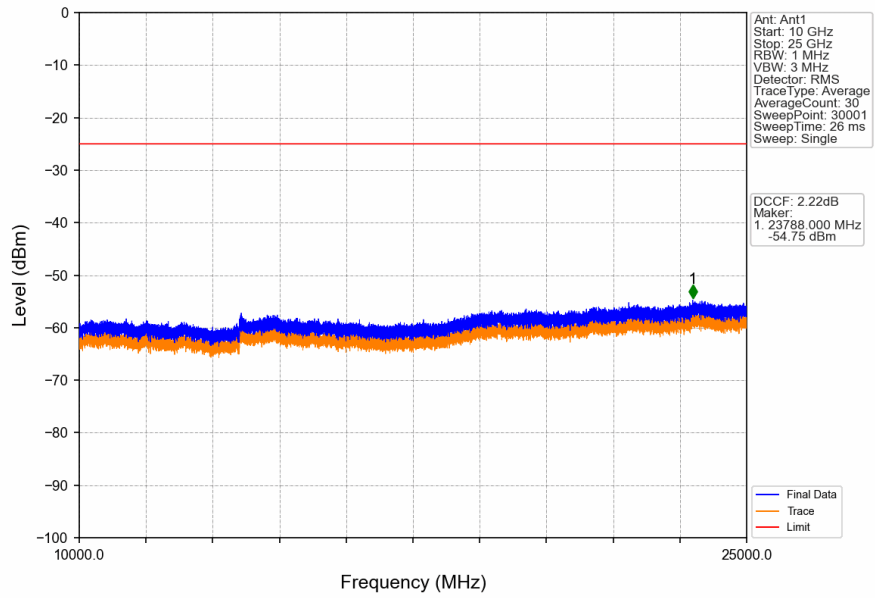
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTNV



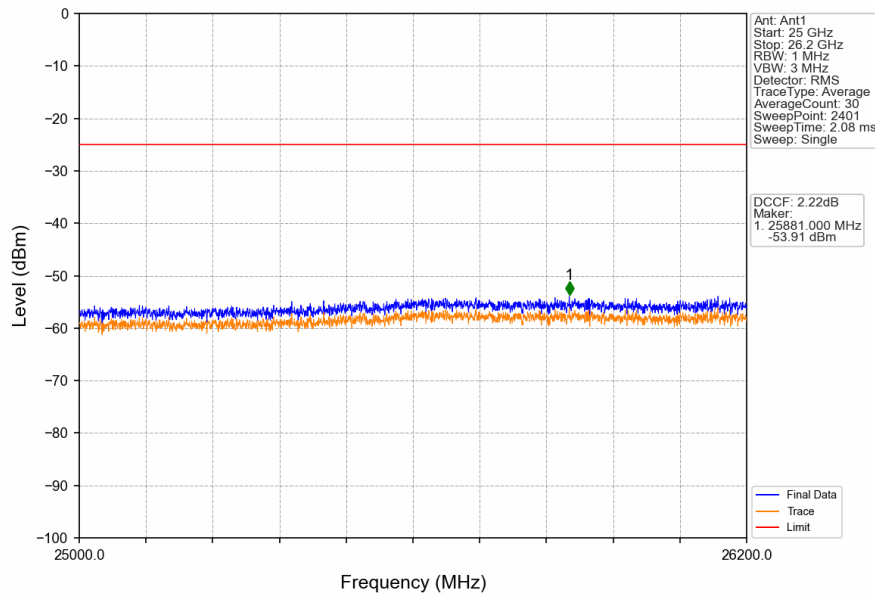
Band38\_20MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



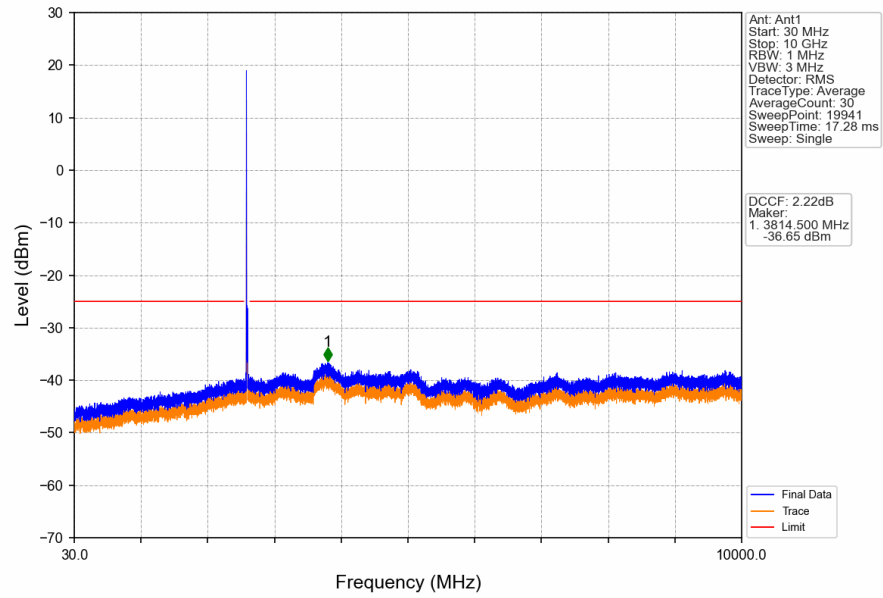
# Band38\_20MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



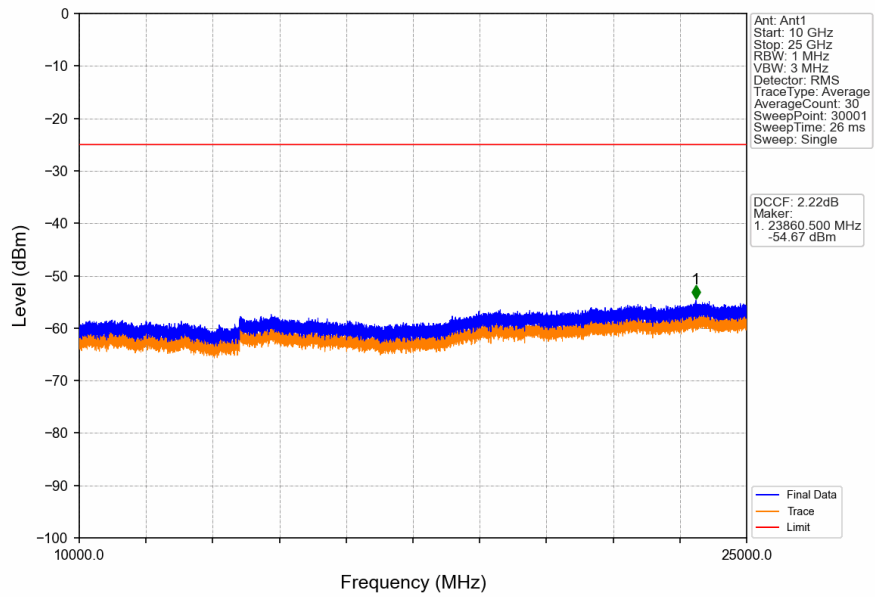
# Band38\_20MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



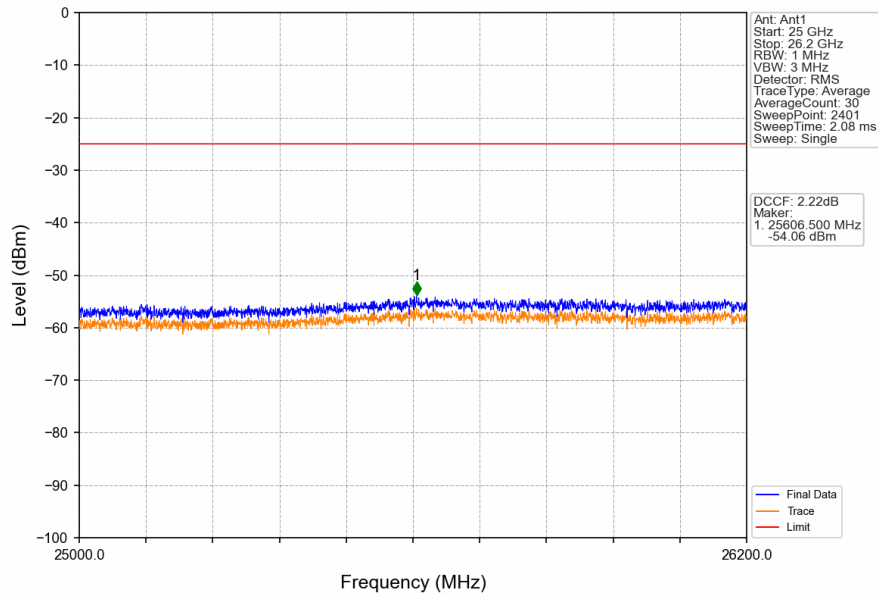
# Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



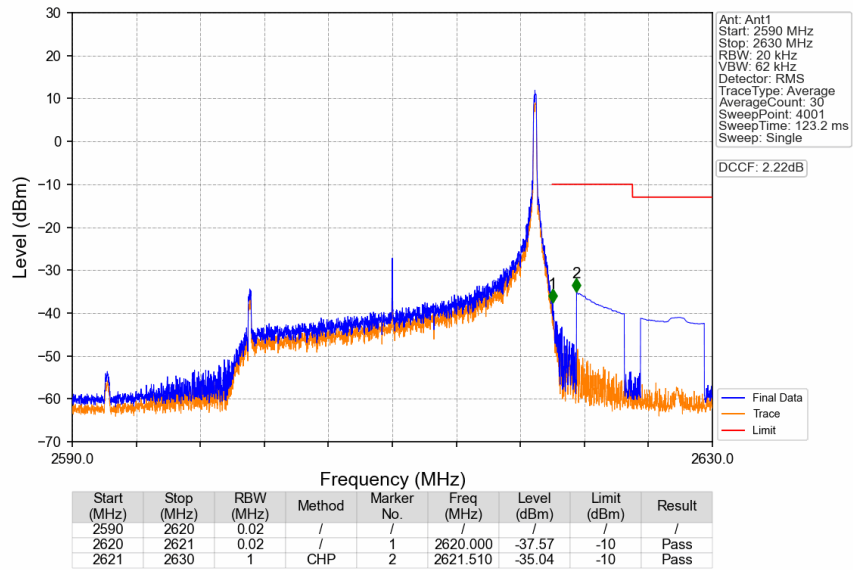
# Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



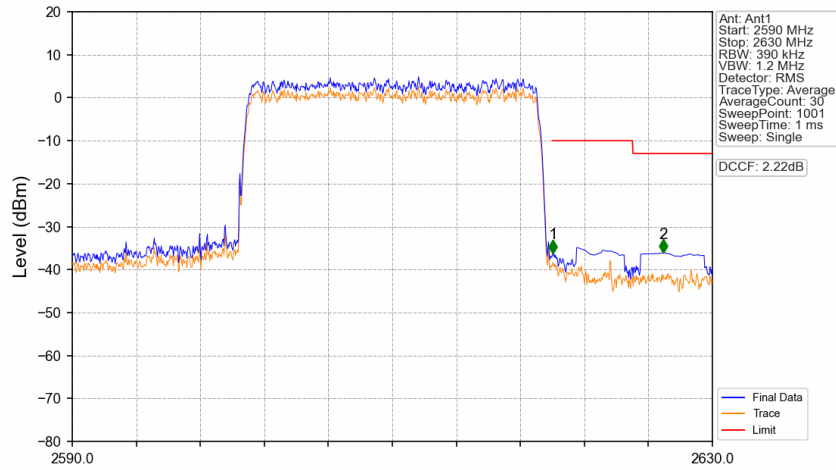
# Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



# Band38 20MHz QPSK HCH 2610MHz RB 1 99 NTNV

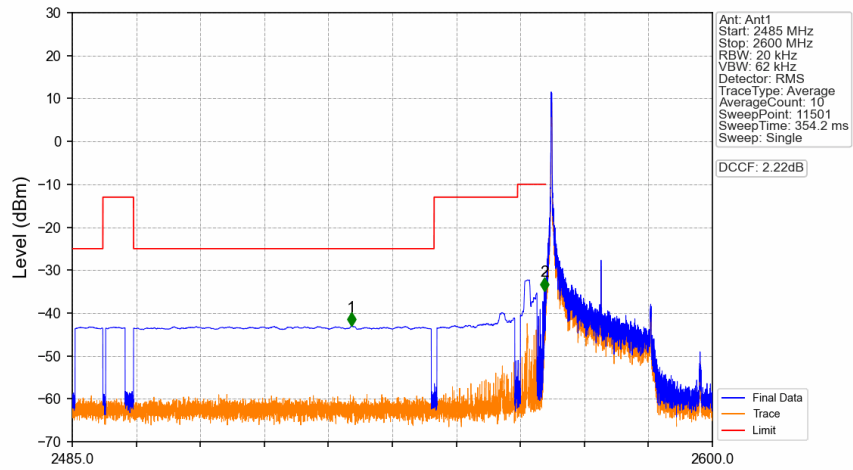


# Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTNV



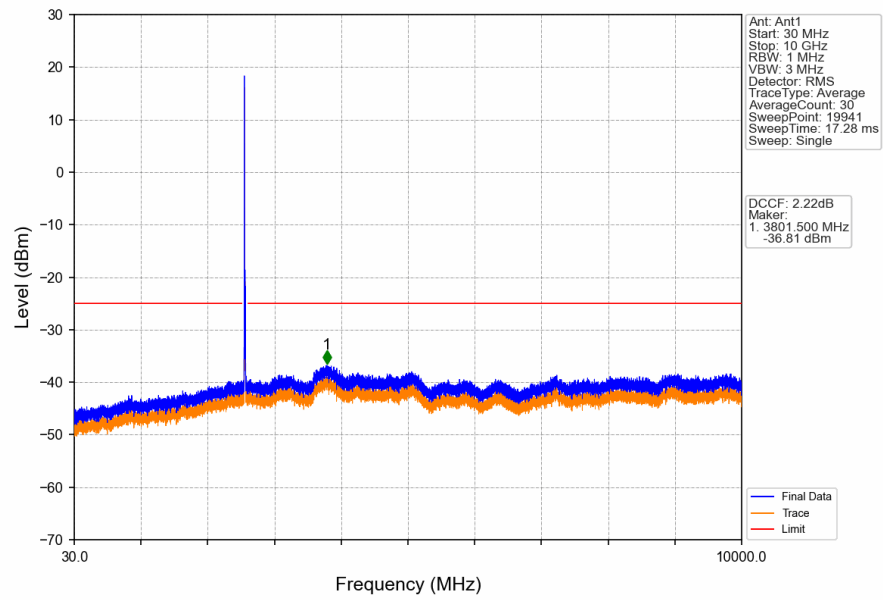
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.39      | /      | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.39      | /      | 1          | 2620.040   | -36.20      | -10         | Pass   |
| 2621        | 2630       | 1         | CHP    | 2          | 2626.920   | -36.10      | -13         | Pass   |

# Band38\_20MHz\_16QAM\_LCH\_2580MHz\_RB\_1\_0\_NTNV

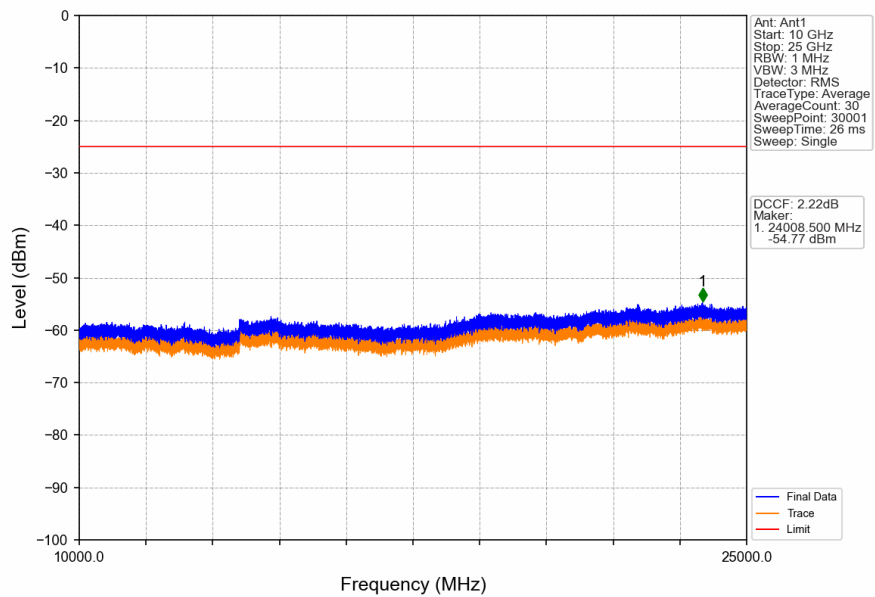


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2569       | 1         | CHP    | 1          | 2535.160   | -43.03      | -25         | Pass   |
| 2569        | 2570       | 0.02      | /      | 2          | 2569.810   | -34.83      | -10         | Pass   |
| 2570        | 2600       | 0.02      | /      | /          | /          | /           | /           | /      |

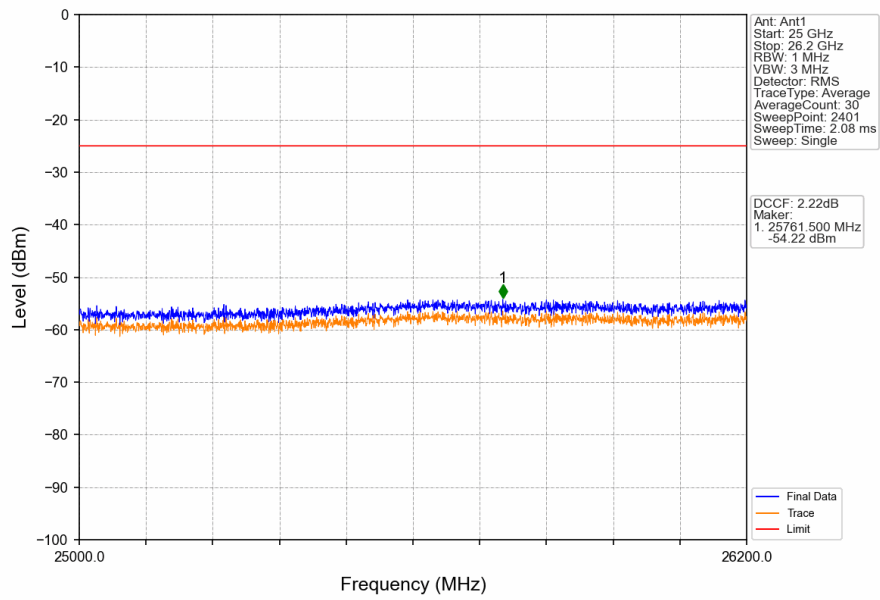
Band38\_20MHz\_16QAM\_LCH\_2580MHz\_RB\_1\_0\_NTNV



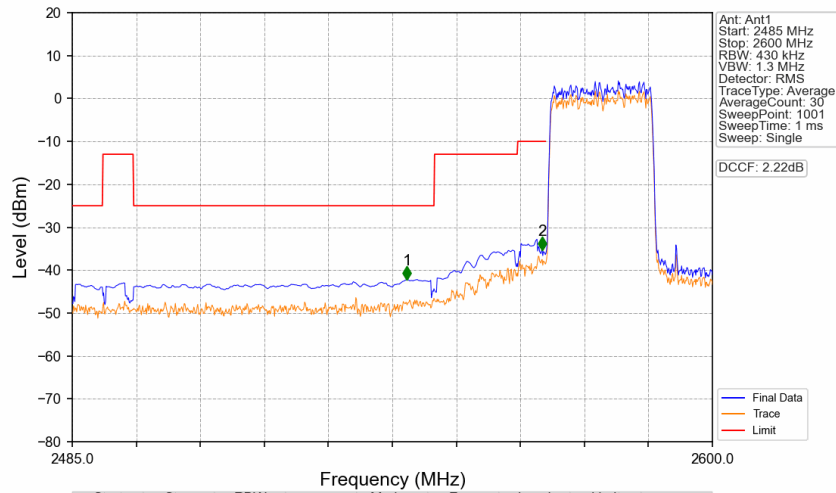
Band38\_20MHz\_16QAM\_LCH\_2580MHz\_RB\_1\_0\_NTNV



# Band38\_20MHz\_16QAM\_LCH\_2580MHz\_RB\_1\_0\_NTNV

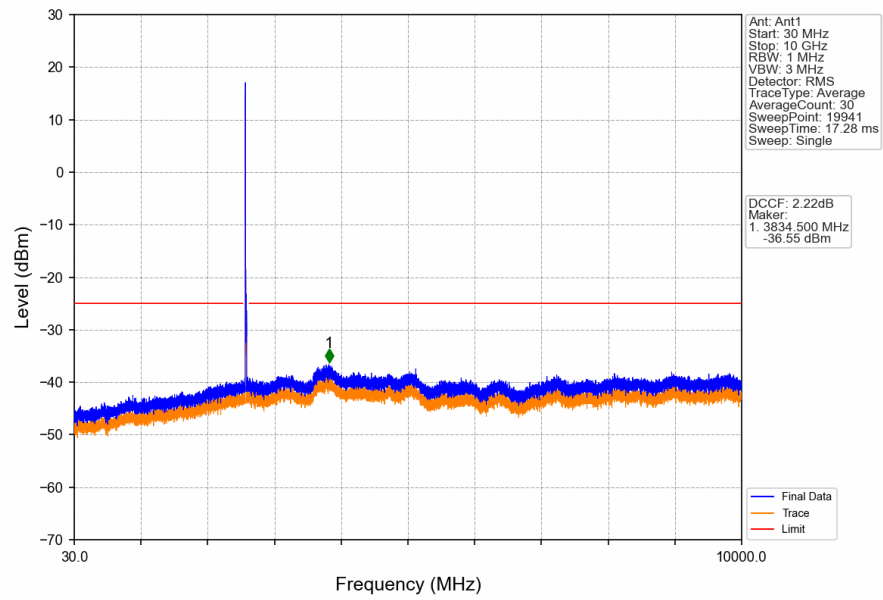


# Band38\_20MHz\_16QAM\_LCH\_2580MHz\_RB\_100\_0\_NTNV

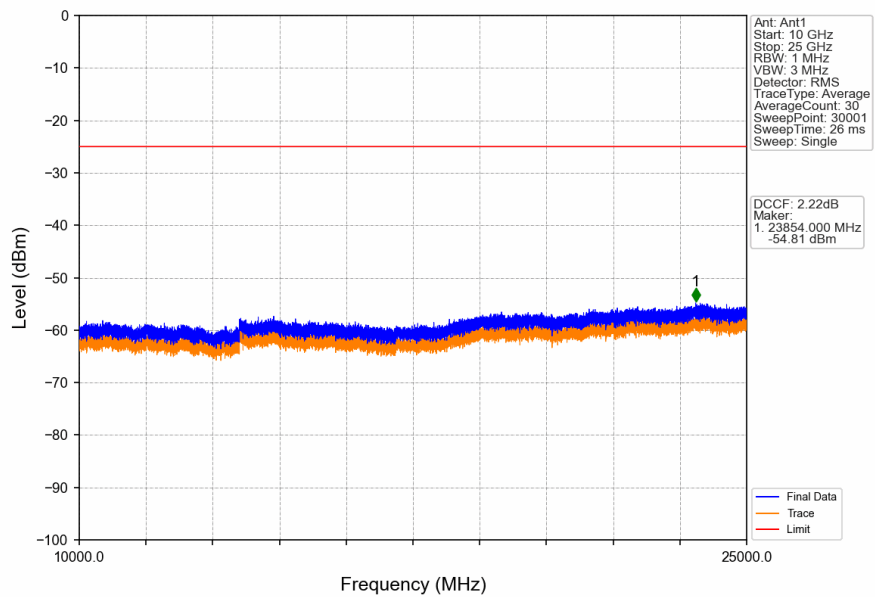


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2569       | 1         | CHP    | 1          | 2545.145   | -42.19      | -25         | Pass   |
| 2569        | 2570       | 0.43      | /      | 2          | 2569.410   | -35.30      | -10         | Pass   |
| 2570        | 2600       | 0.43      | /      | /          | /          | /           | /           | /      |

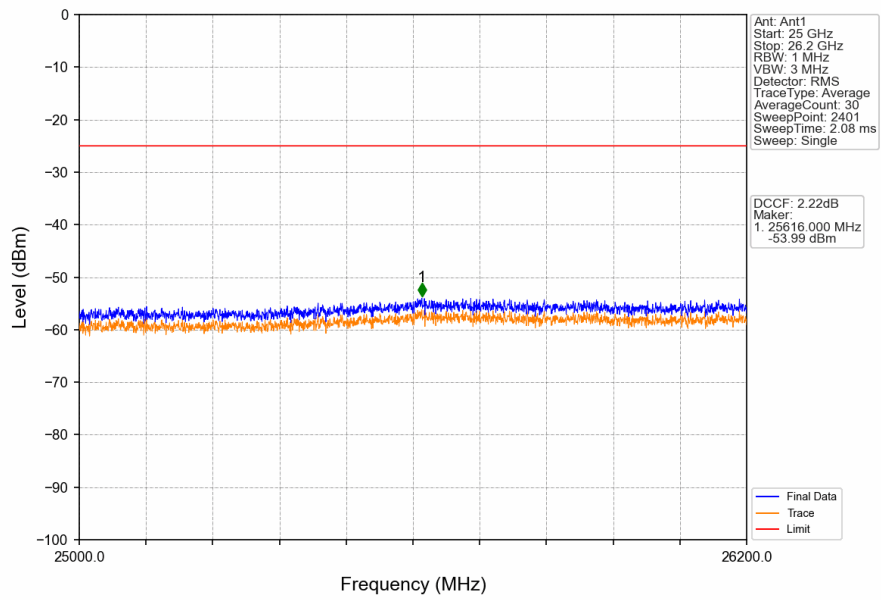
Band38\_20MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



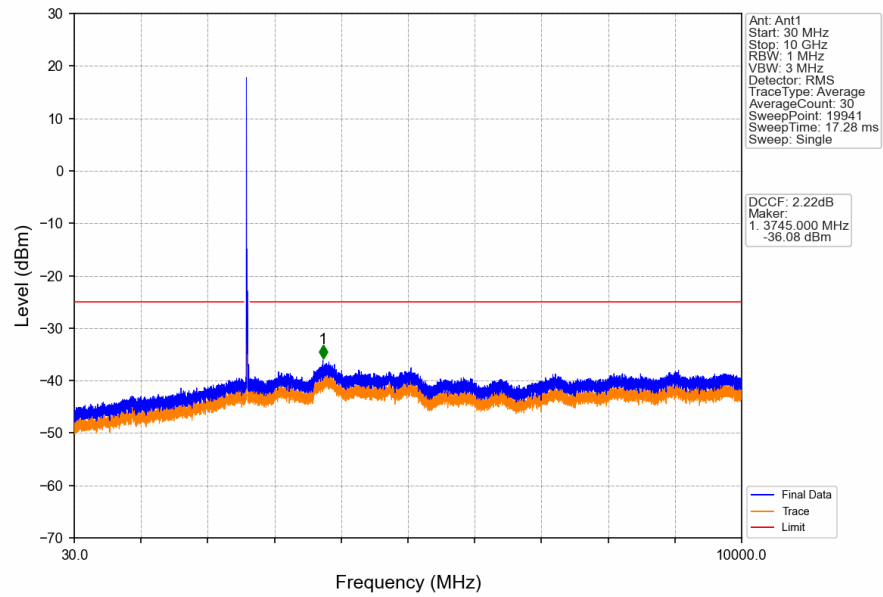
Band38\_20MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



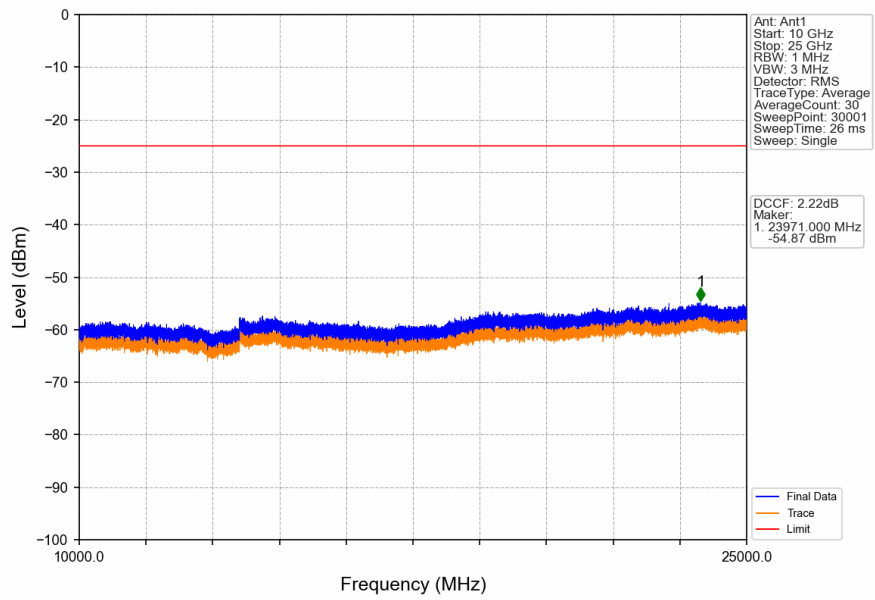
Band38\_20MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



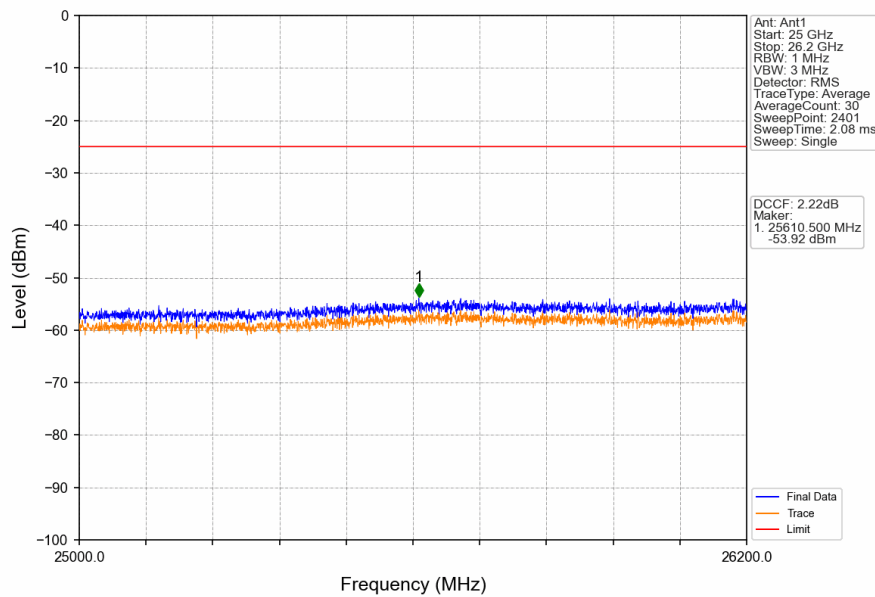
Band38\_20MHz\_16QAM\_HCH\_2610MHz\_RB\_1\_0\_NTNV



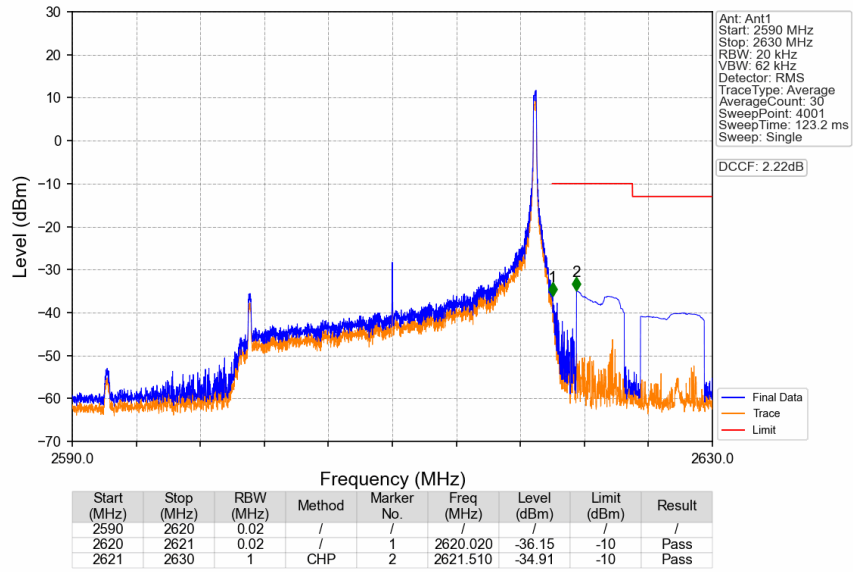
Band38\_20MHz\_16QAM\_HCH\_2610MHz\_RB\_1\_0\_NTNV



Band38\_20MHz\_16QAM\_HCH\_2610MHz\_RB\_1\_0\_NTNV



# Band38 20MHz 16QAM HCH 2610MHz RB 1 99 NTNV



# Band38 20MHz 16QAM HCH 2610MHz RB 100 0 NTNV

