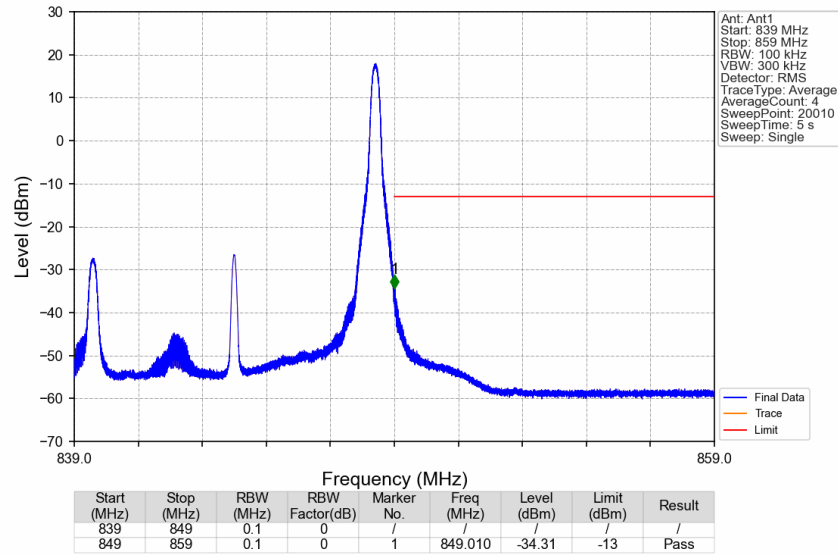
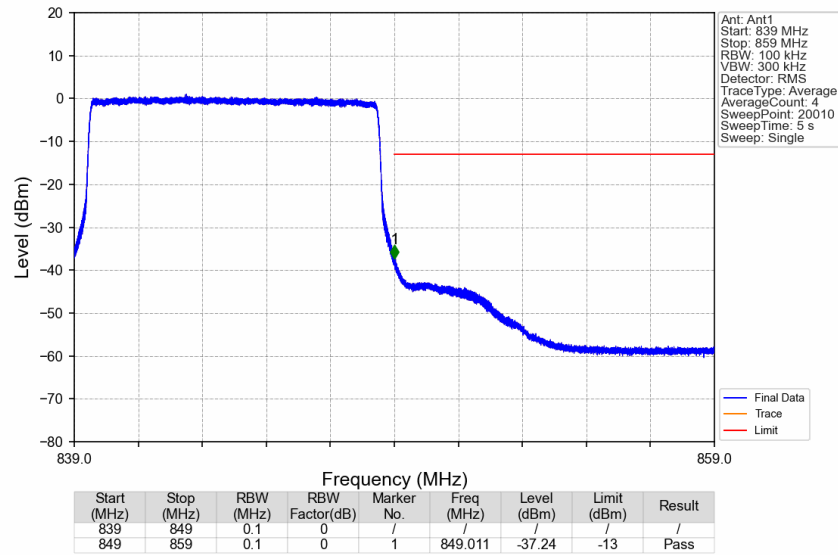


# Band26b\_10MHz\_16QAM\_HCH\_844MHz\_RB\_1\_49\_NTNV



# Band26b\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV



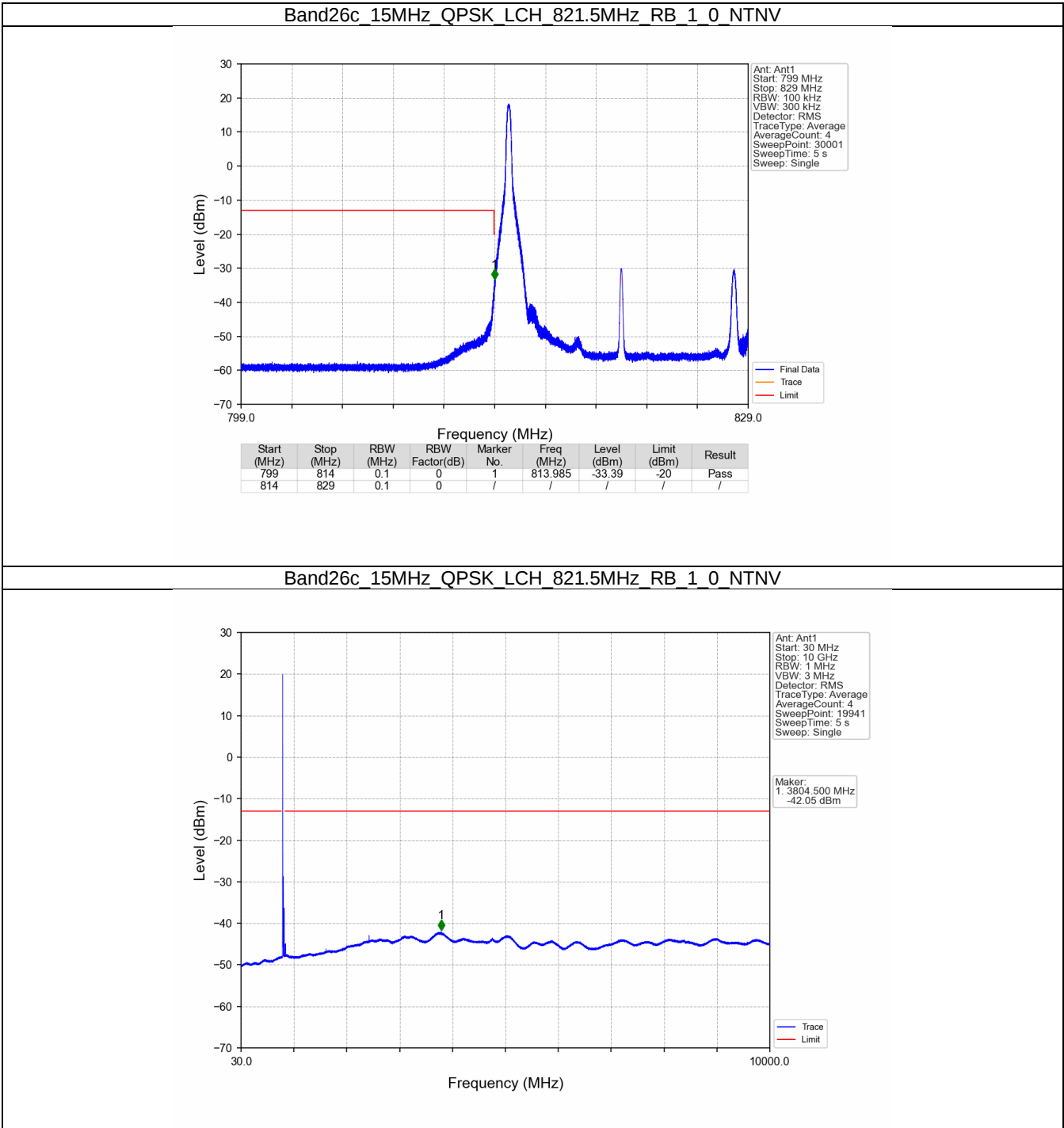
## 7. Spurious Emission

### 7.1 B26c\_15MHz

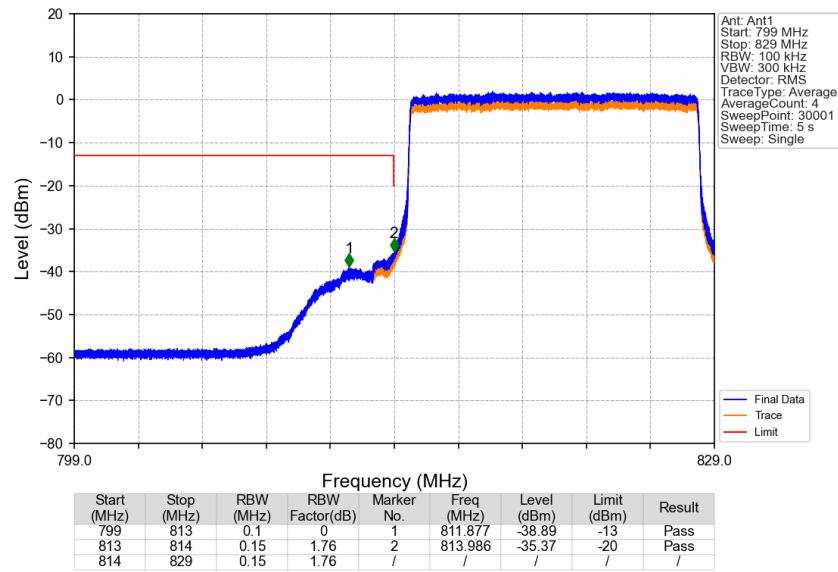
#### 7.1.1 Test Result

| Band: 26c / Bandwidth: 15MHz / NTN |                 |               |        |                     |       |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       |
|                                    |                 | Size          | Offset | Result              | Limit |
| QPSK                               | 821.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                    |                 | 75            | 0      | Refer To Test Graph | Pass  |
|                                    | 831.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                    |                 | 1             | 0      | Refer To Test Graph | Pass  |
|                                    | 841.5           | 1             | 74     | Refer To Test Graph | Pass  |
|                                    |                 | 75            | 0      | Refer To Test Graph | Pass  |
| 16QAM                              | 821.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                    |                 | 75            | 0      | Refer To Test Graph | Pass  |
|                                    | 831.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                    |                 | 1             | 0      | Refer To Test Graph | Pass  |
|                                    | 841.5           | 1             | 74     | Refer To Test Graph | Pass  |
|                                    |                 | 75            | 0      | Refer To Test Graph | Pass  |

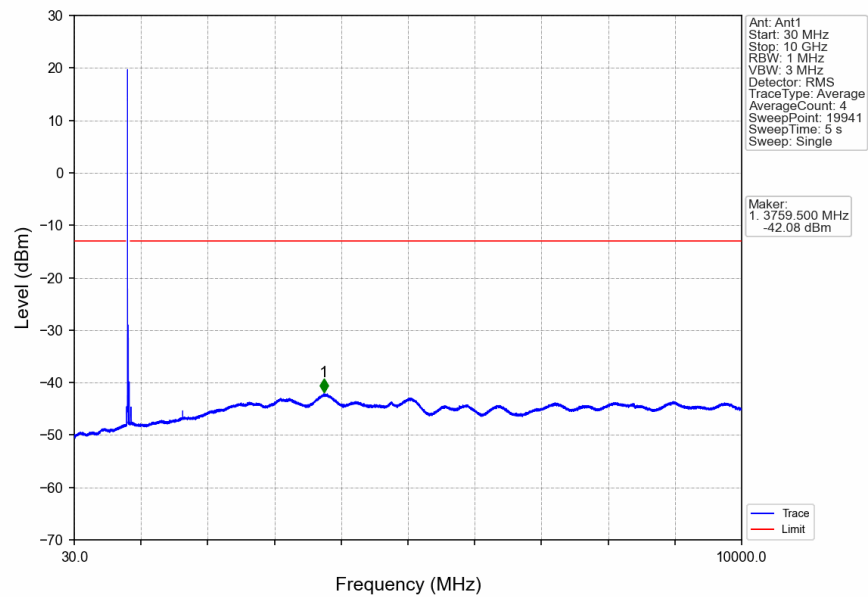
7.1.2 Test Graph



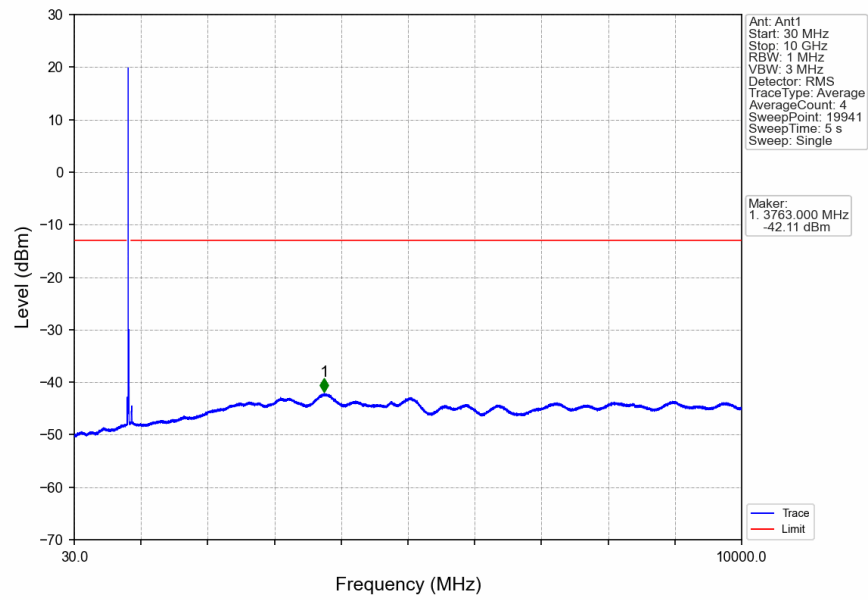
Band26c\_15MHz\_QPSK\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



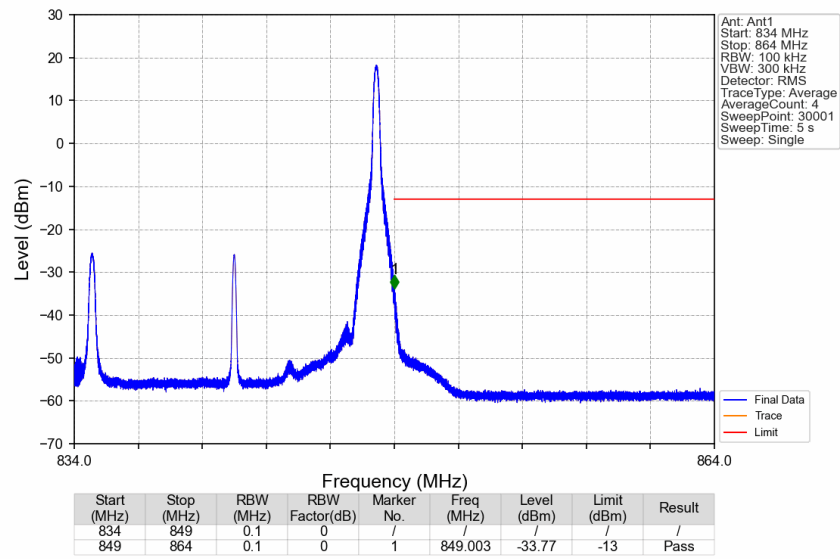
Band26c\_15MHz\_QPSK\_MCH\_831.5MHz\_RB\_1\_0\_NTNV



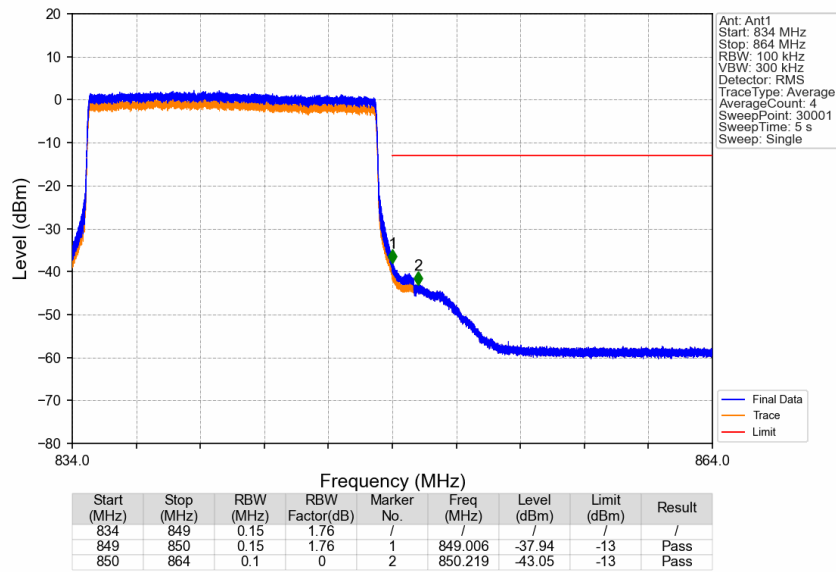
# Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_1\_0\_NTNV



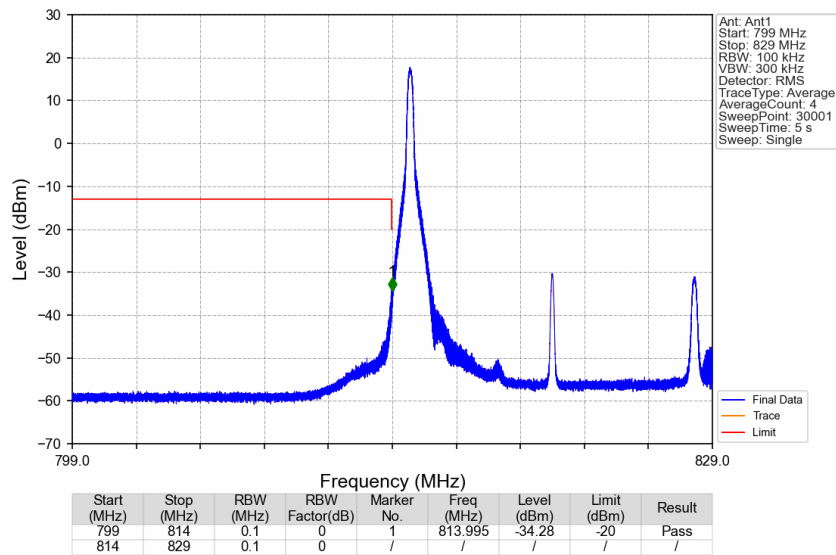
# Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_1\_74\_NTNV



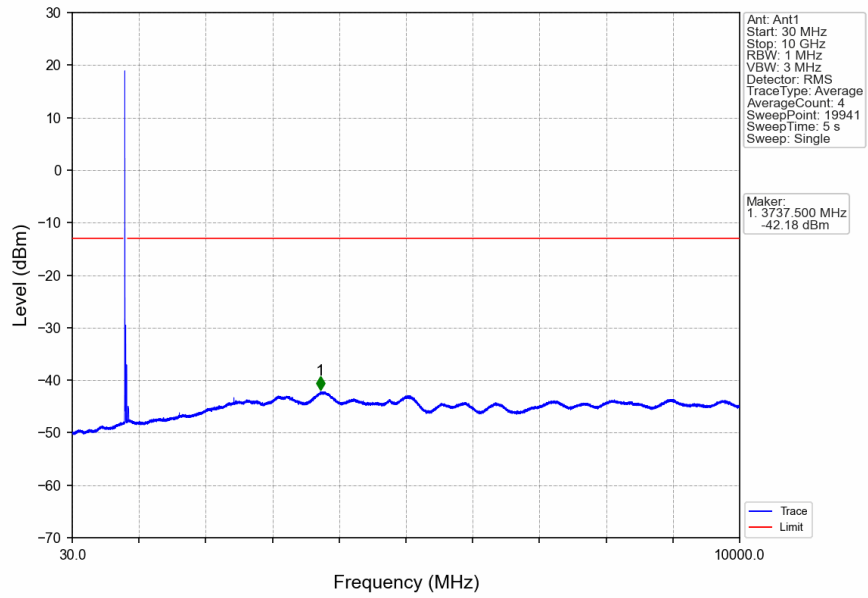
# Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



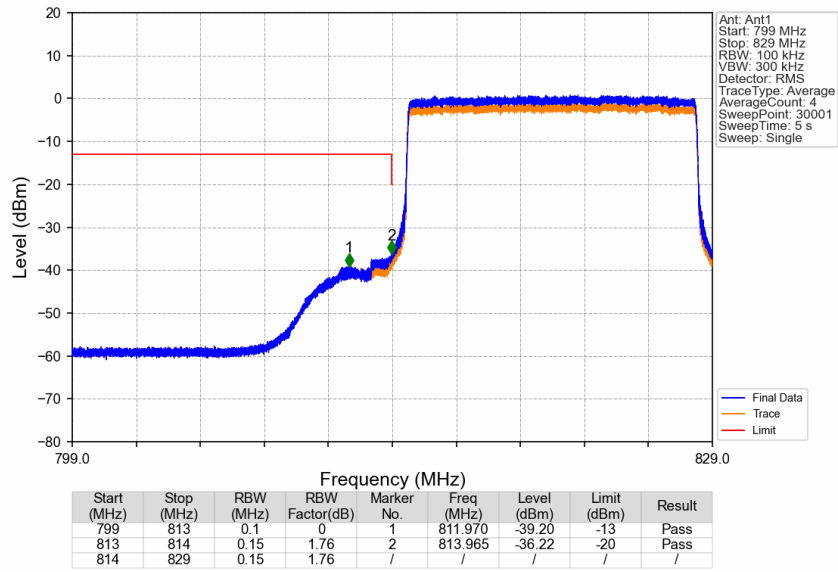
# Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_1\_0\_NTNV



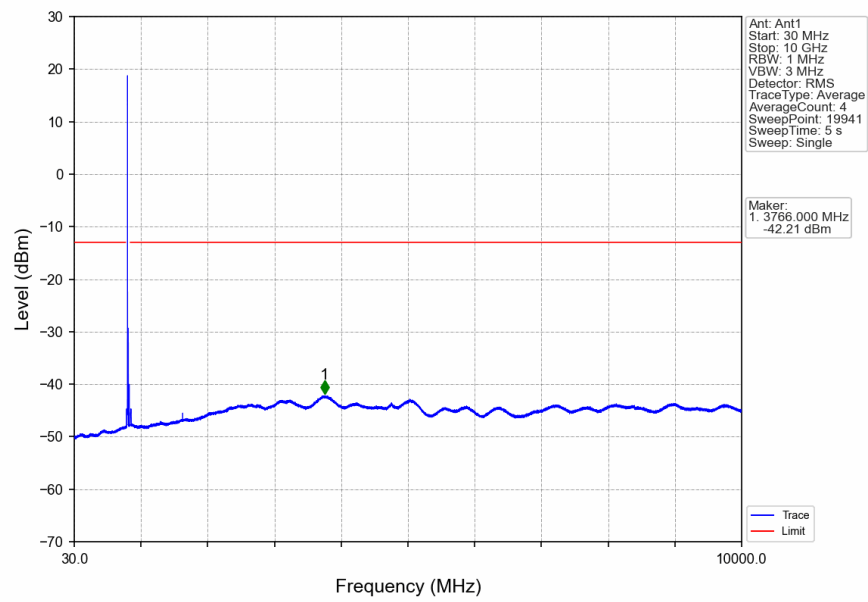
Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_1\_0\_NTNV



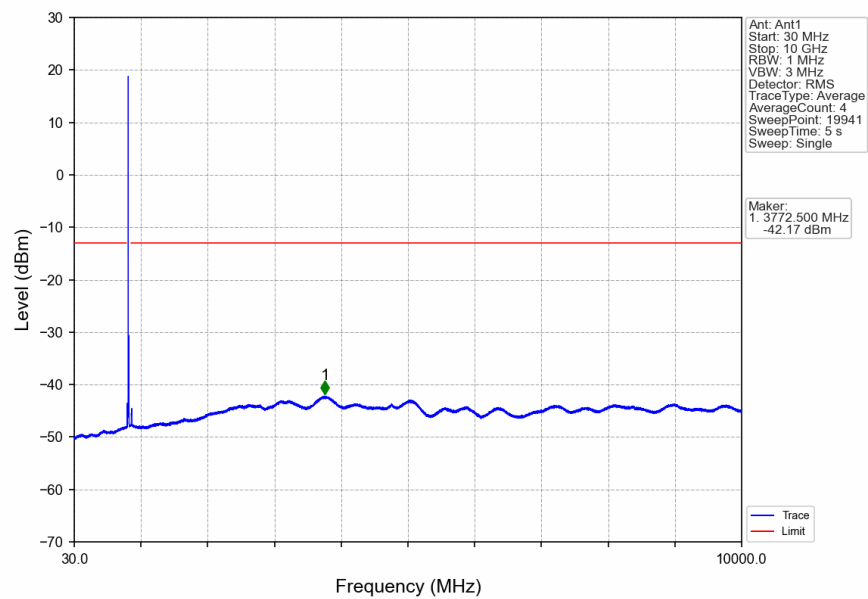
Band26c\_15MHz\_16QAM\_LCH\_821.5MHz\_RB\_75\_0\_NTNV



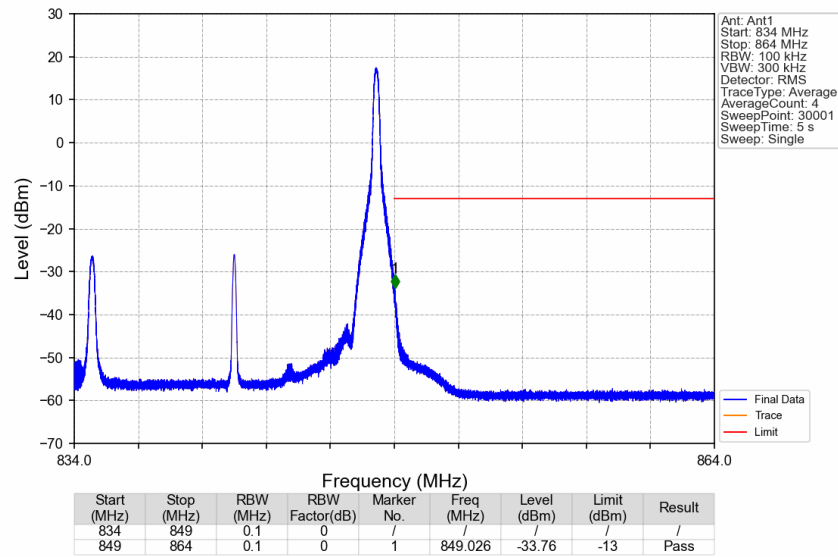
# Band26c\_15MHz\_16QAM\_MCH\_831.5MHz\_RB\_1\_0\_NTNV



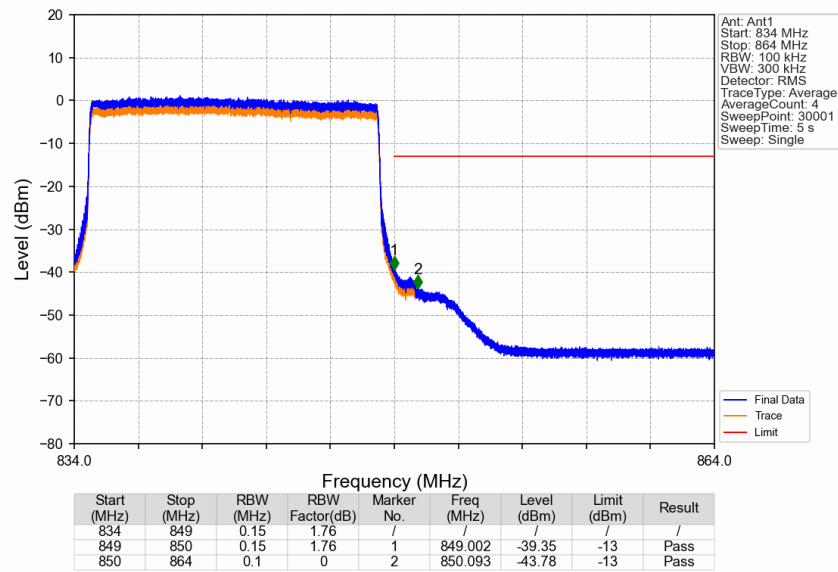
# Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_1\_0\_NTNV



# Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_1\_74\_NTNV



# Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



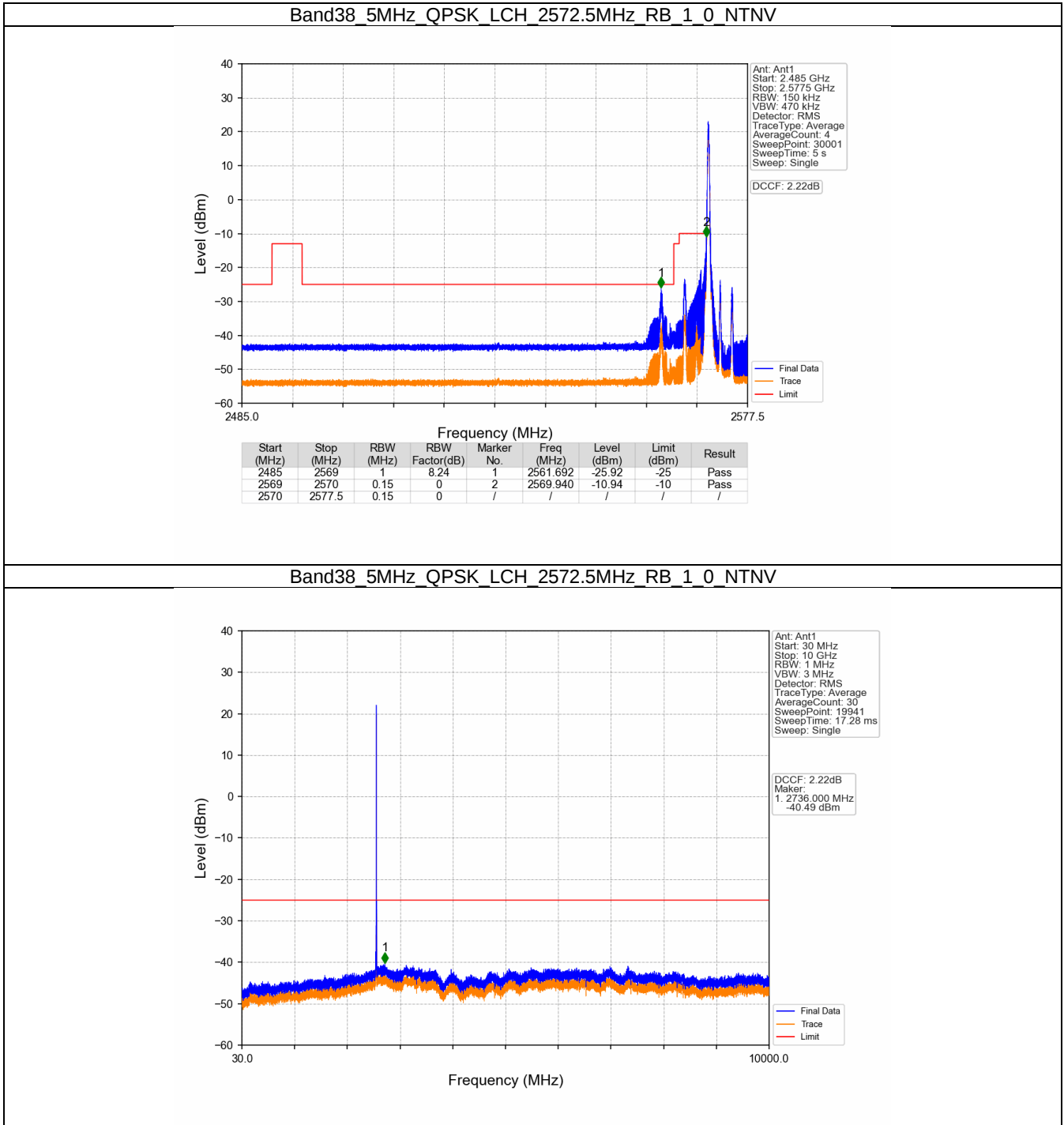
## 8. Spurious Emission

### 8.1 B38\_5MHz

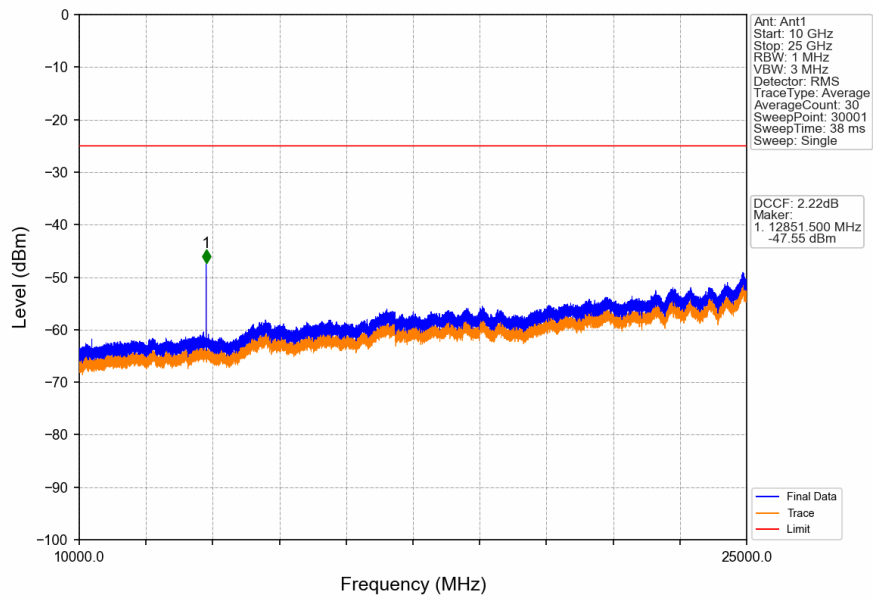
#### 8.1.1 Test Result

| Band: 38 / Bandwidth: 5MHz / NTVN |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 2572.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2595            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2617.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 2572.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2595            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2617.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

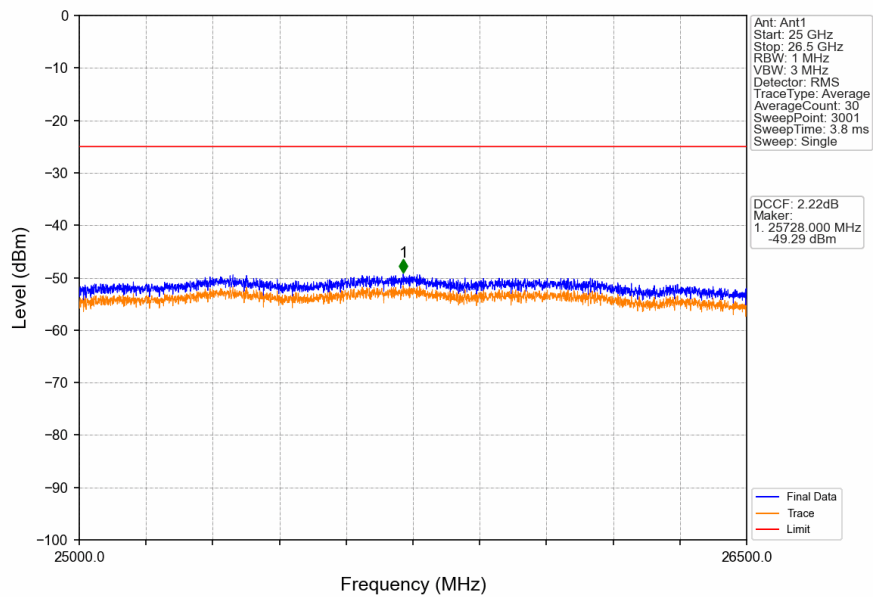
8.1.2 Test Graph



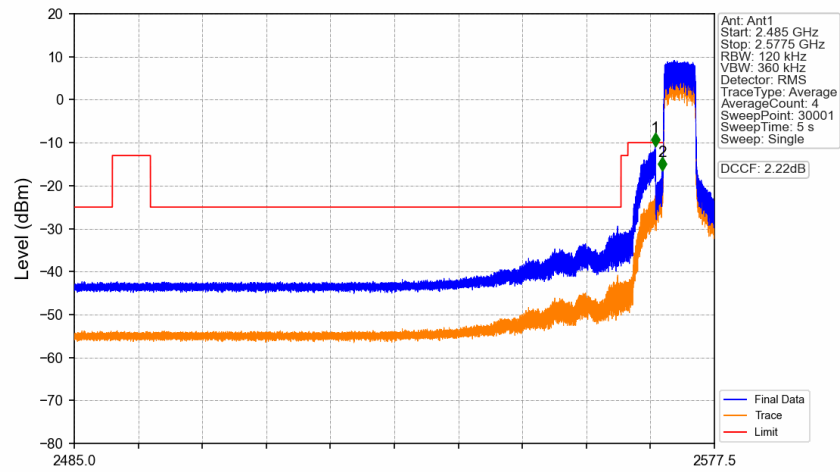
# Band38\_5MHz\_QPSK\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



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

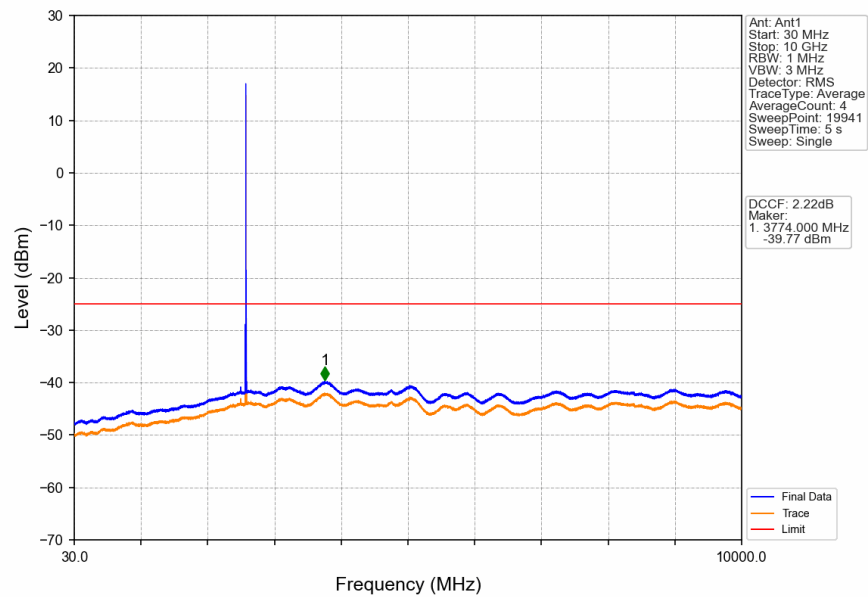


# Band38\_5MHz\_QPSK\_LCH\_2572.5MHz\_RB\_25\_0\_NTNV

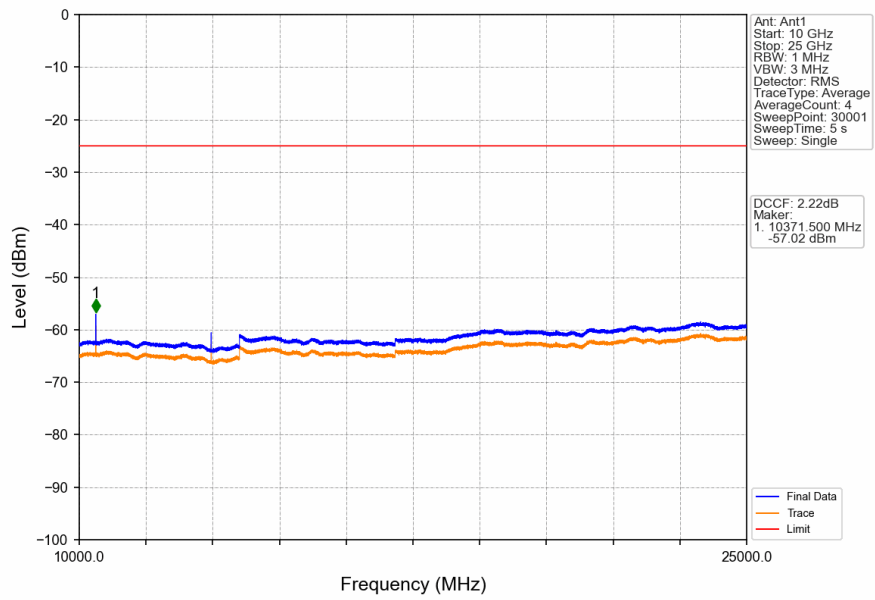


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 2485        | 2569       | 1         | 9.21           | 1          | 2568.934   | -10.93      | -10         | Pass   |
| 2569        | 2570       | 0.129     | 0.31           | 2          | 2569.989   | -16.58      | -10         | Pass   |
| 2570        | 2577.5     | 0.129     | 0.31           | /          | /          | /           | /           | /      |

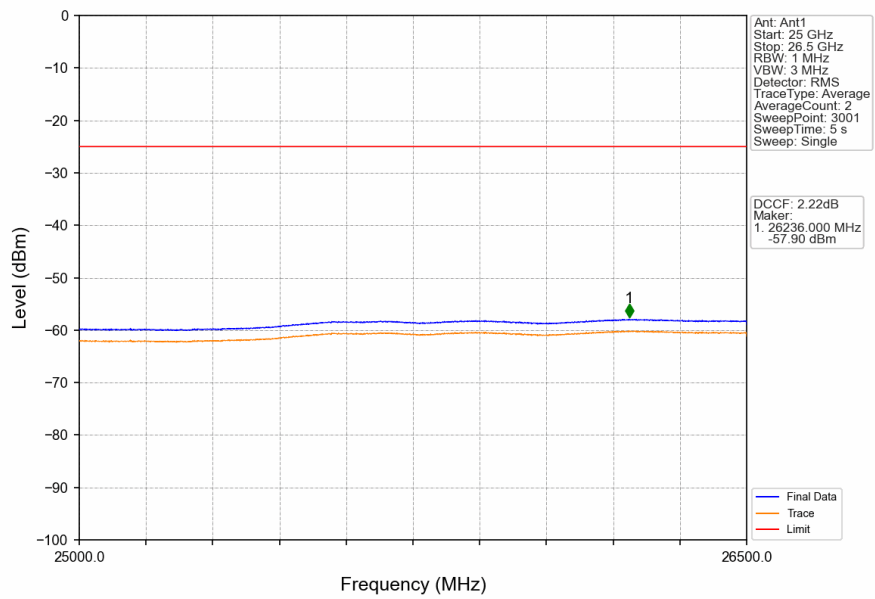
# Band38\_5MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



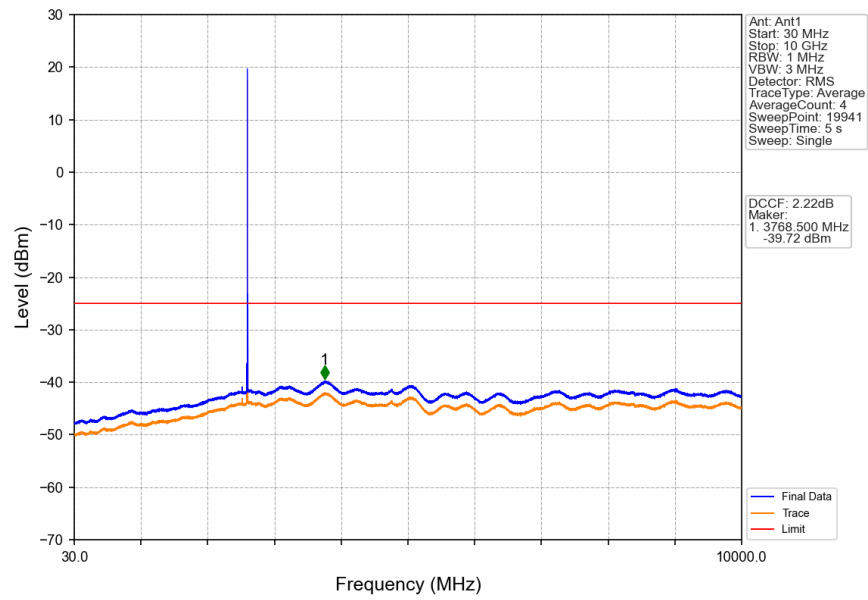
Band38\_5MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



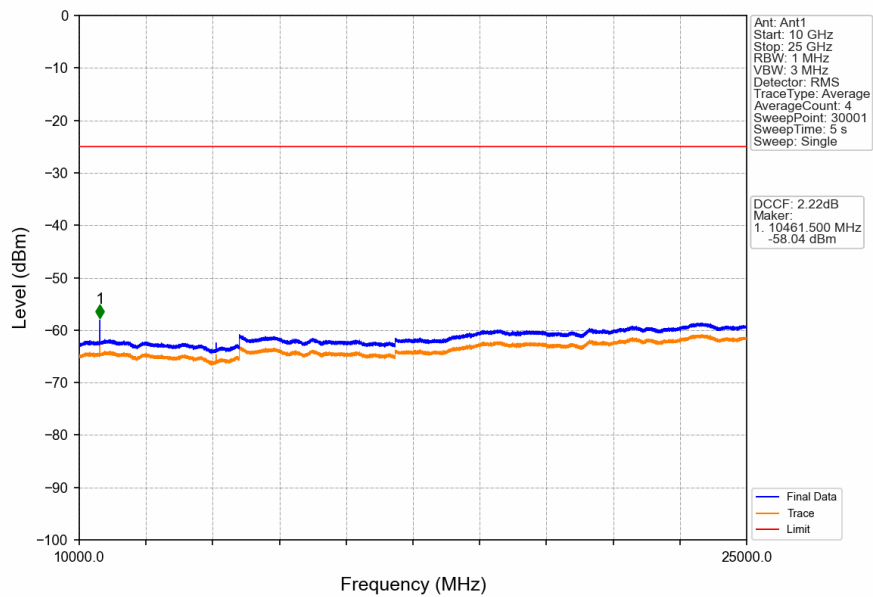
Band38\_5MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



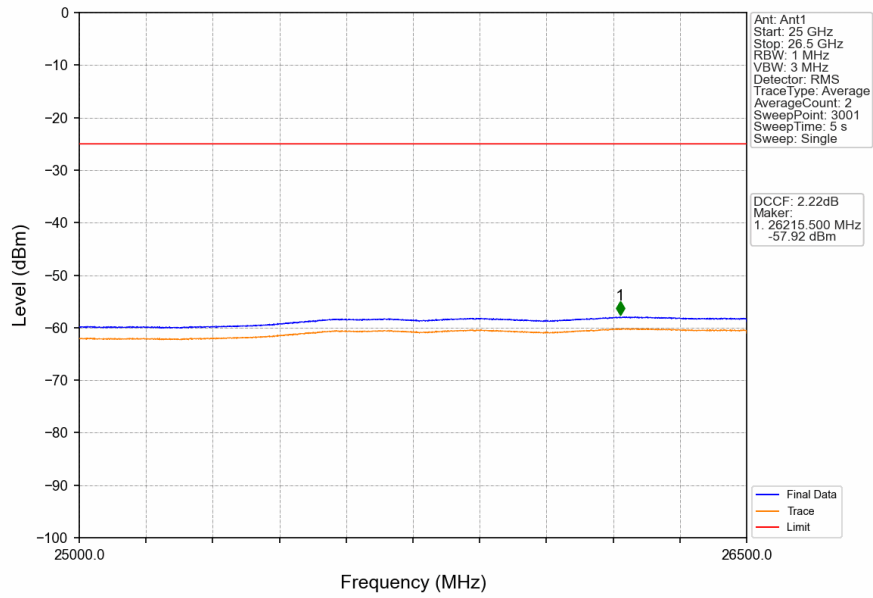
# Band38\_5MHz\_QPSK\_HCH\_2617.5MHz\_RB\_1\_0\_NTNV



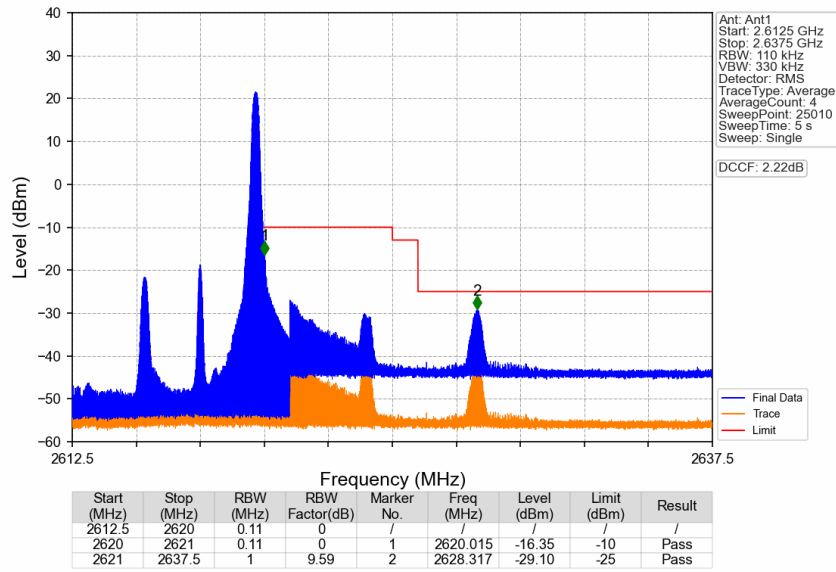
# Band38\_5MHz\_QPSK\_HCH\_2617.5MHz\_RB\_1\_0\_NTNV



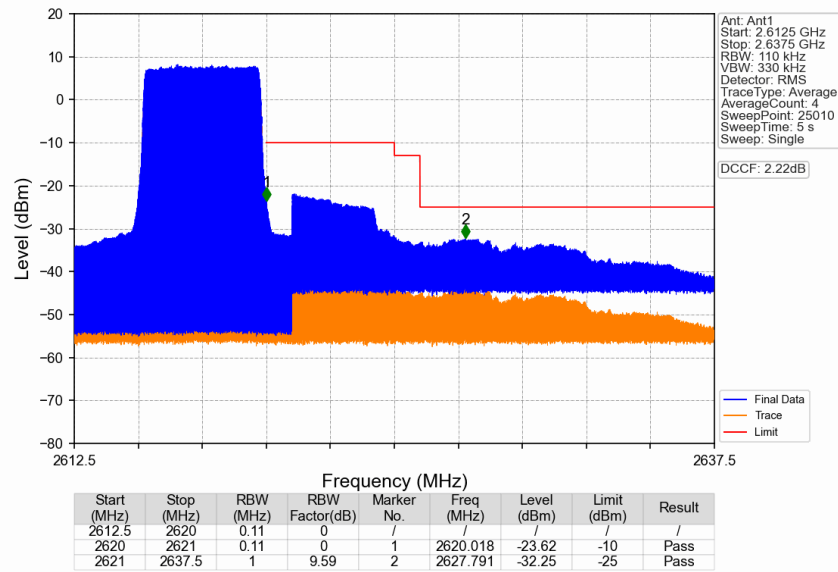
# Band38\_5MHz\_QPSK\_HCH\_2617.5MHz\_RB\_1\_0\_NTNV



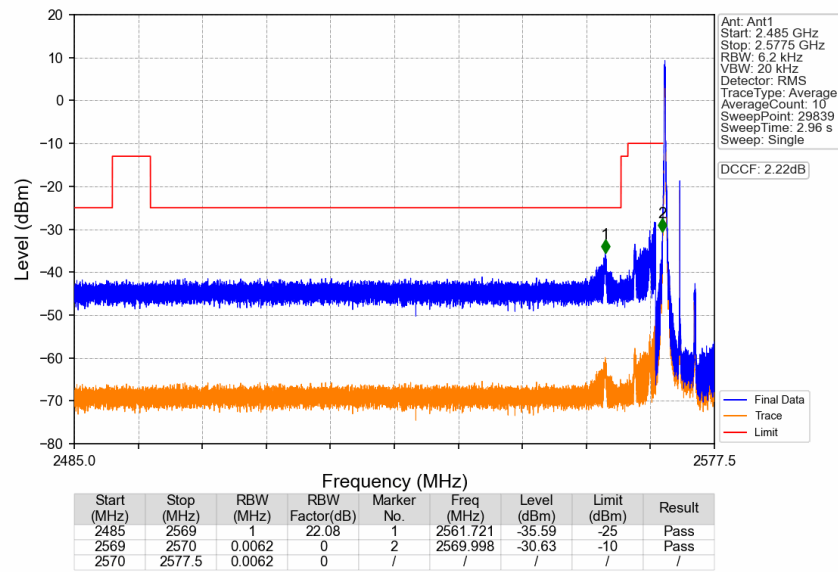
# Band38\_5MHz\_QPSK\_HCH\_2617.5MHz\_RB\_1\_24\_NTNV



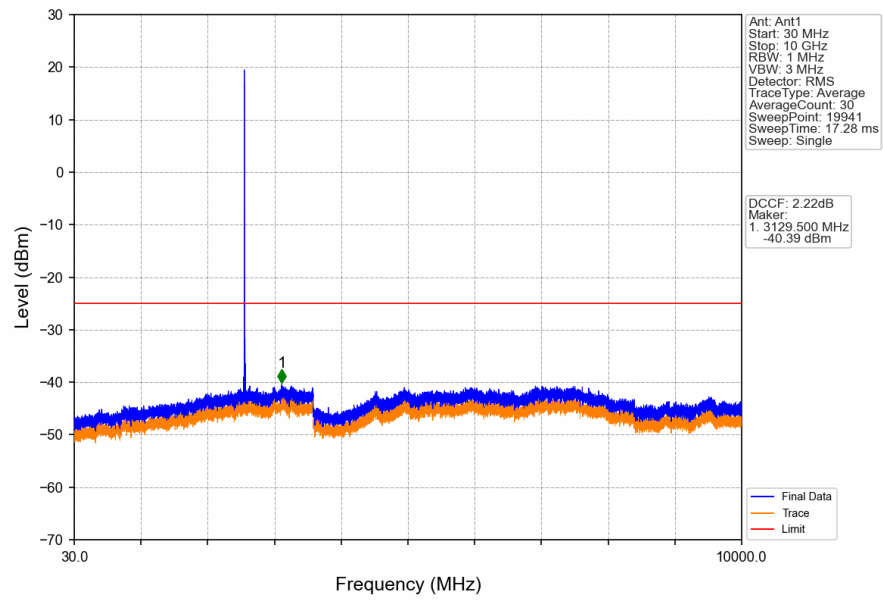
# Band38\_5MHz\_QPSK\_HCH\_2617.5MHz\_RB\_25\_0\_NTNV



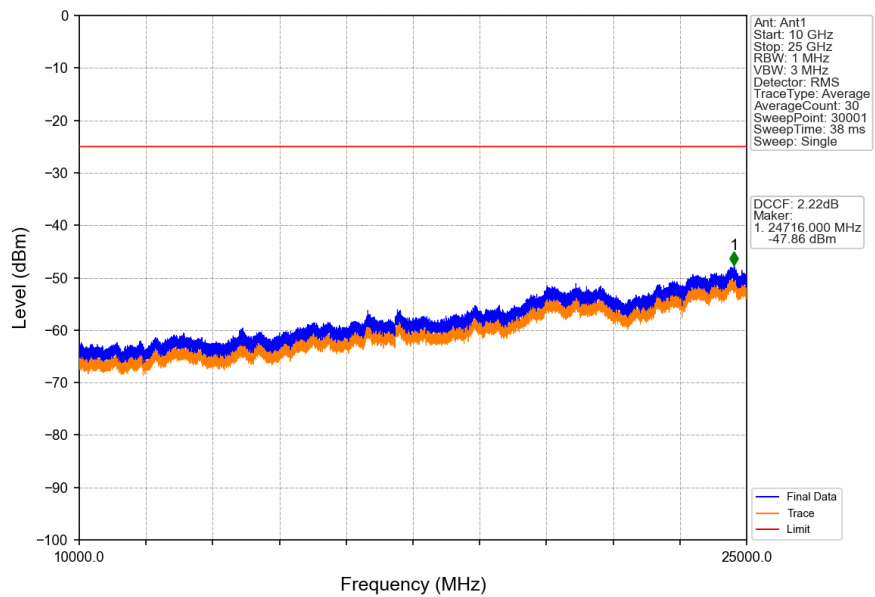
# Band38\_5MHz\_16QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



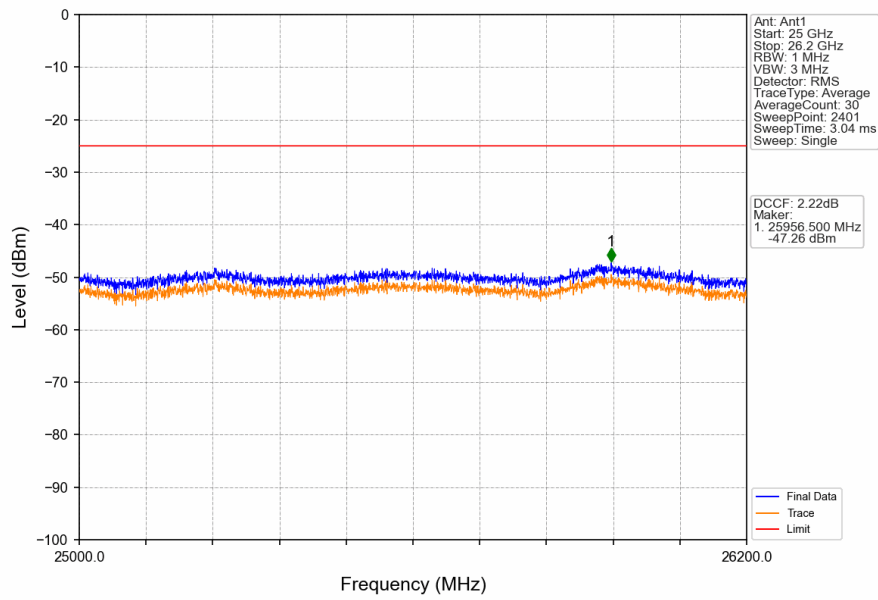
Band38\_5MHz\_16QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



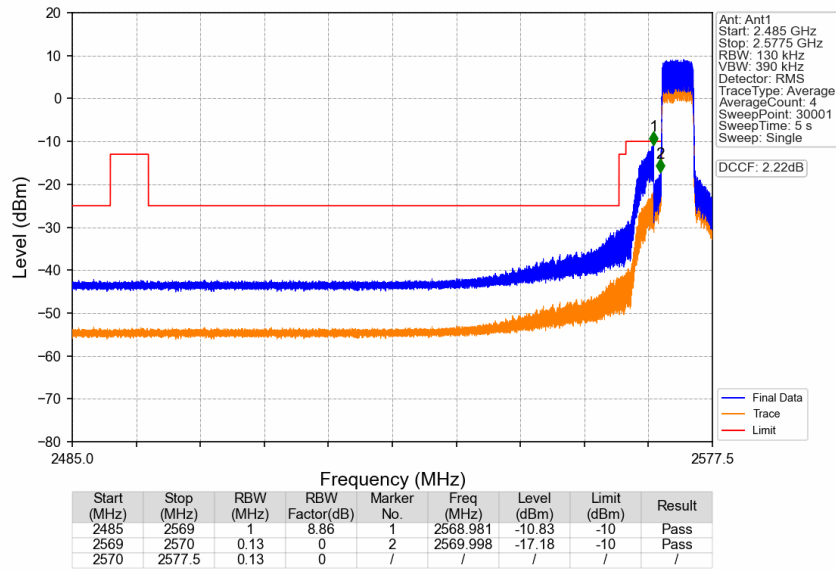
Band38\_5MHz\_16QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



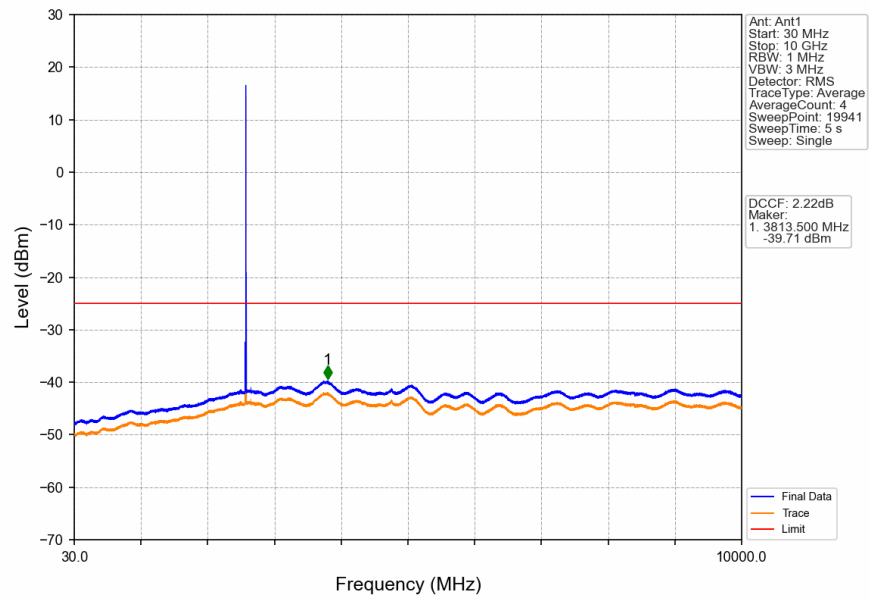
# Band38\_5MHz\_16QAM\_LCH\_2572.5MHz\_RB\_1\_0\_NTNV



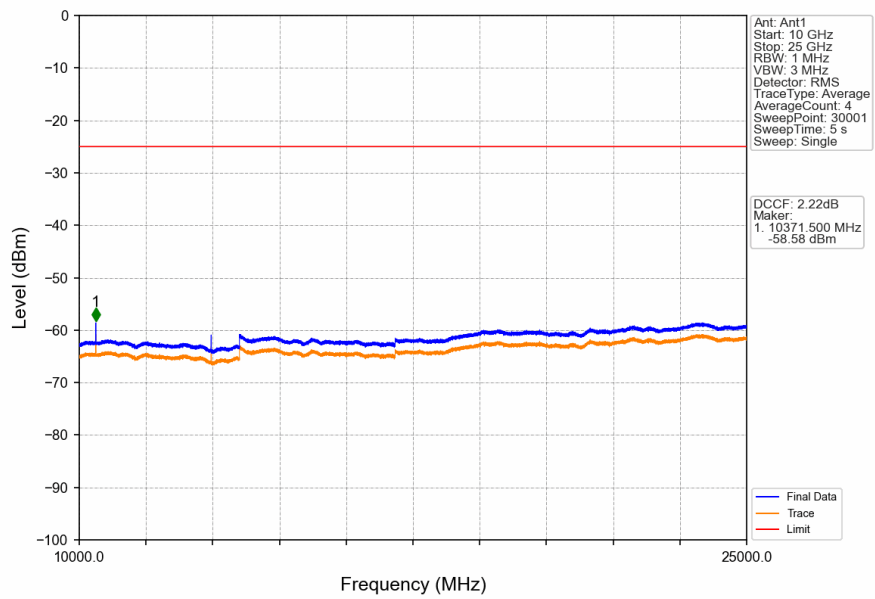
# Band38\_5MHz\_16QAM\_LCH\_2572.5MHz\_RB\_25\_0\_NTNV



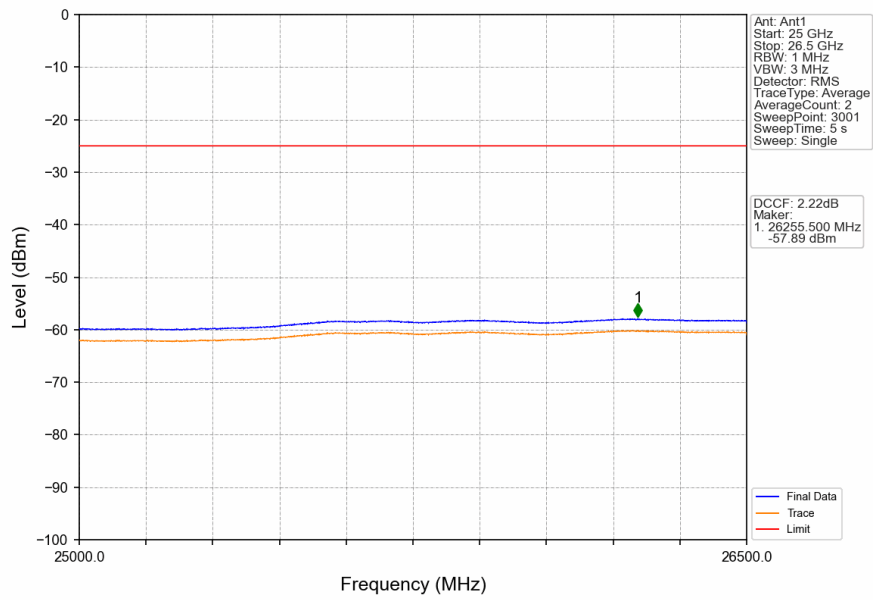
# Band38\_5MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



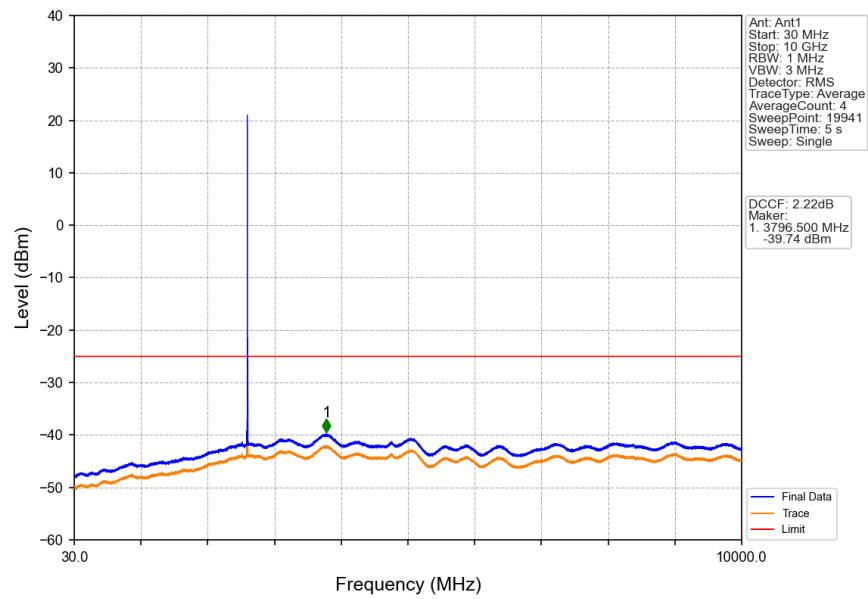
# Band38\_5MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



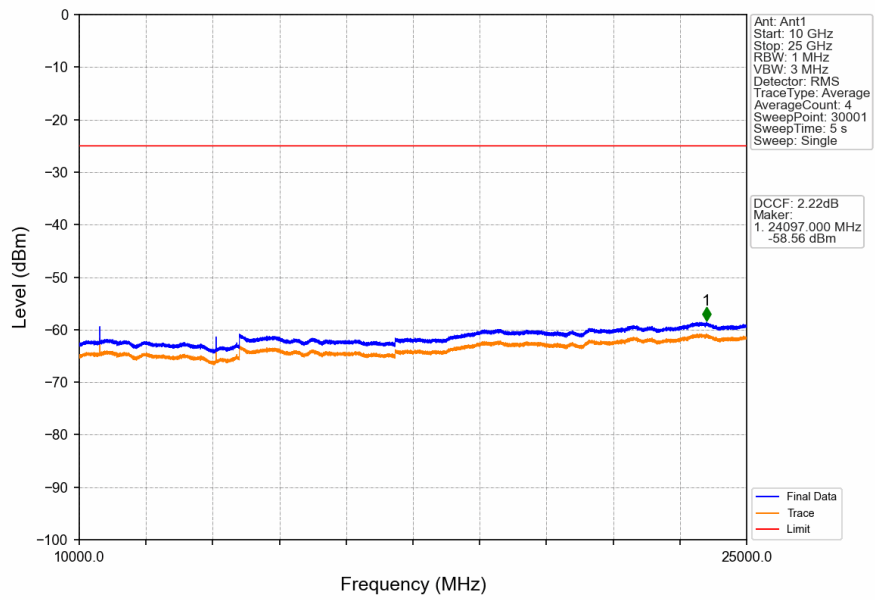
# Band38\_5MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



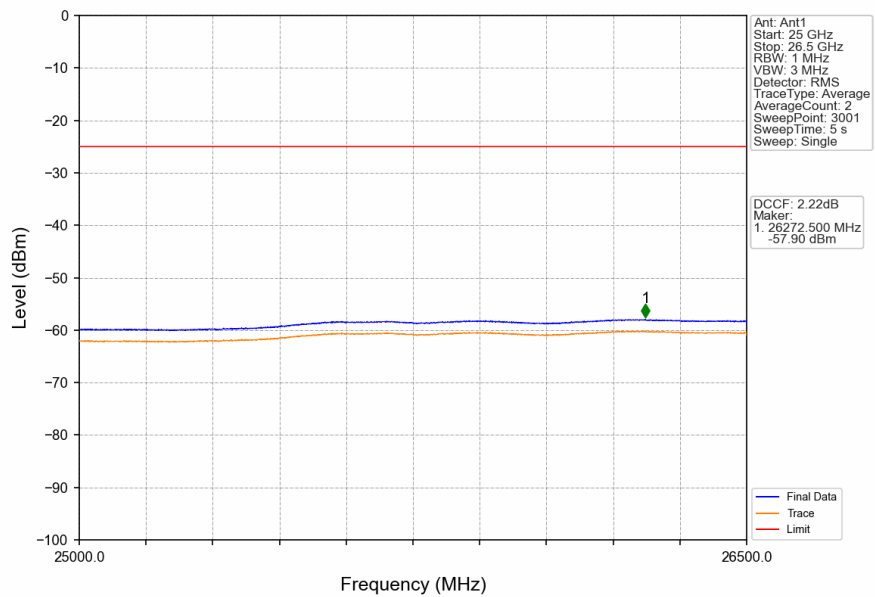
# Band38\_5MHz\_16QAM\_HCH\_2617.5MHz\_RB\_1\_0\_NTNV



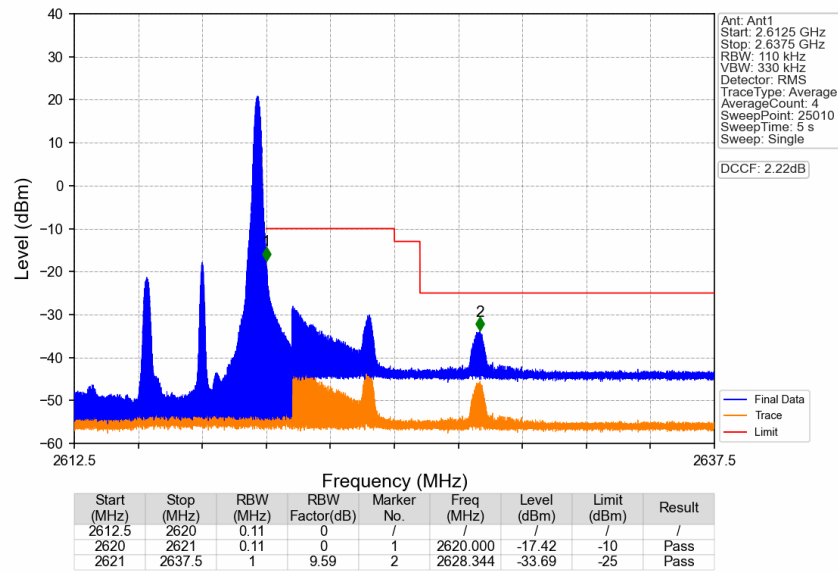
Band38\_5MHz\_16QAM\_HCH\_2617.5MHz\_RB\_1\_0\_NTNV



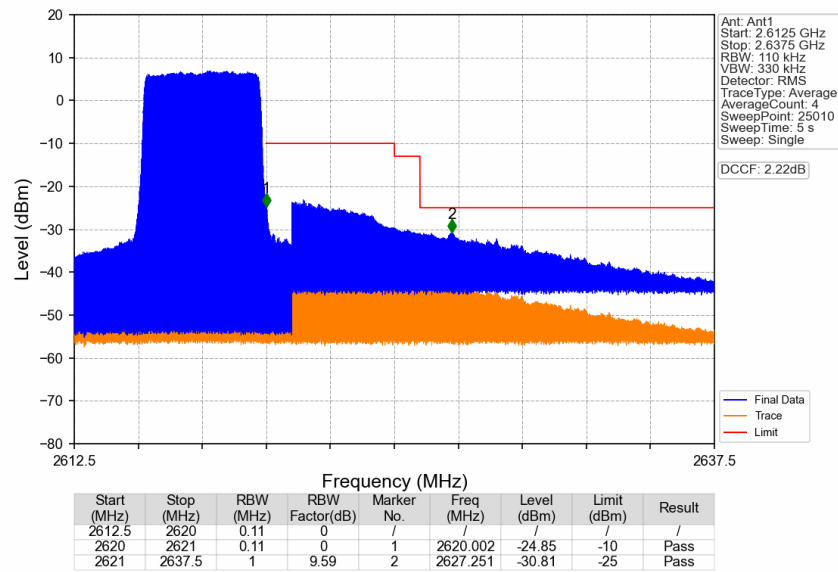
Band38\_5MHz\_16QAM\_HCH\_2617.5MHz\_RB\_1\_0\_NTNV



# Band38\_5MHz\_16QAM\_HCH\_2617.5MHz\_RB\_1\_24\_NTNV



# Band38\_5MHz\_16QAM\_HCH\_2617.5MHz\_RB\_25\_0\_NTNV

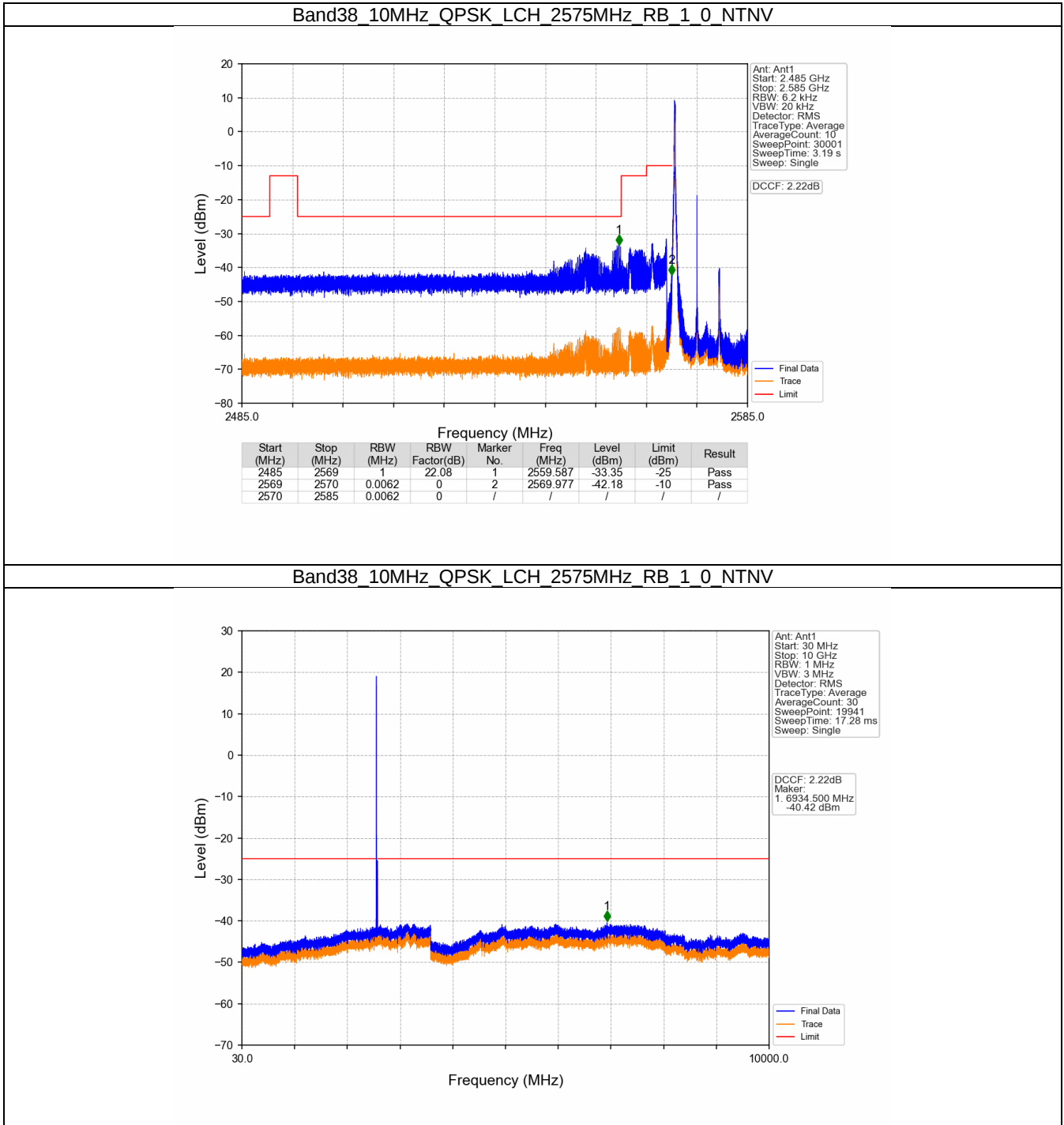


## 8.2 B38\_10MHz

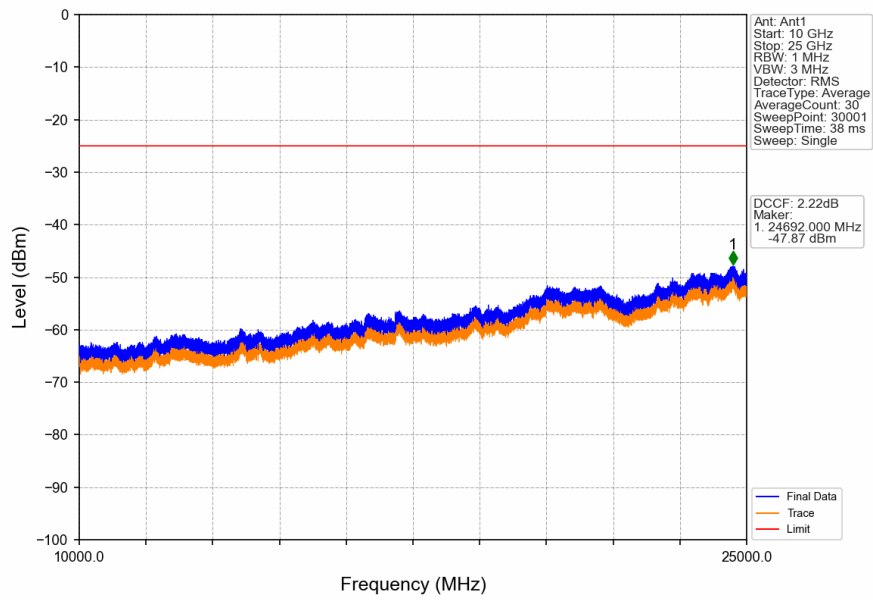
### 8.2.1 Test Result

| Band: 38 / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |

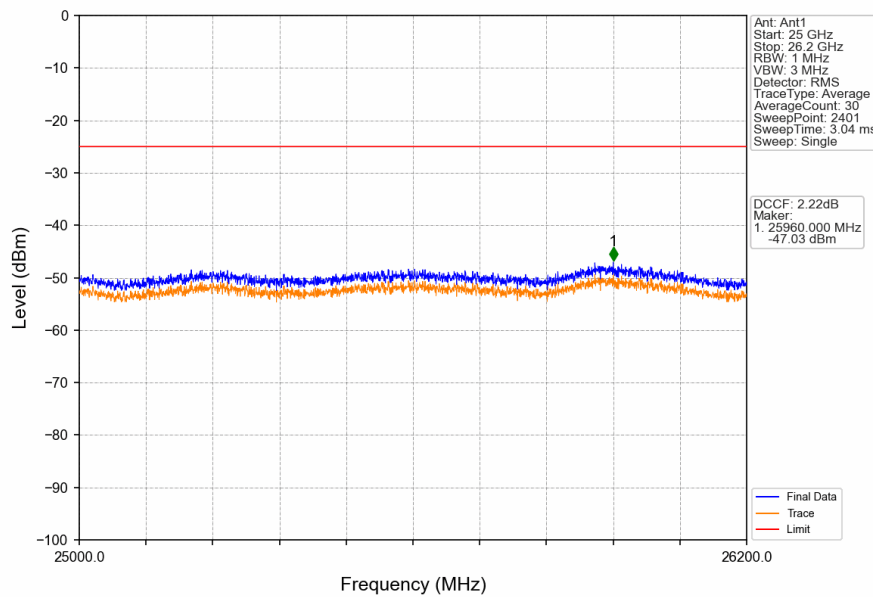
8.2.2 Test Graph



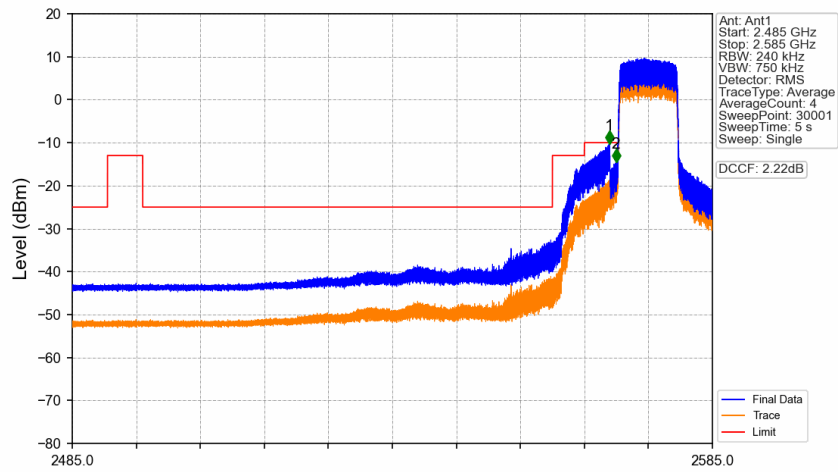
# Band38\_10MHz\_QPSK\_LCH\_2575MHz\_RB\_1\_0\_NTNV



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

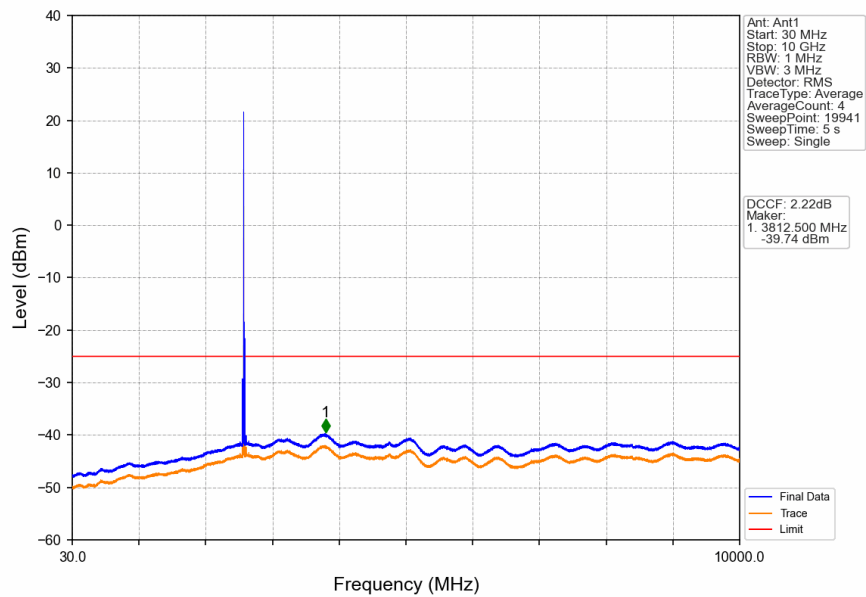


# Band38\_10MHz\_QPSK\_LCH\_2575MHz\_RB\_50\_0\_NTNV

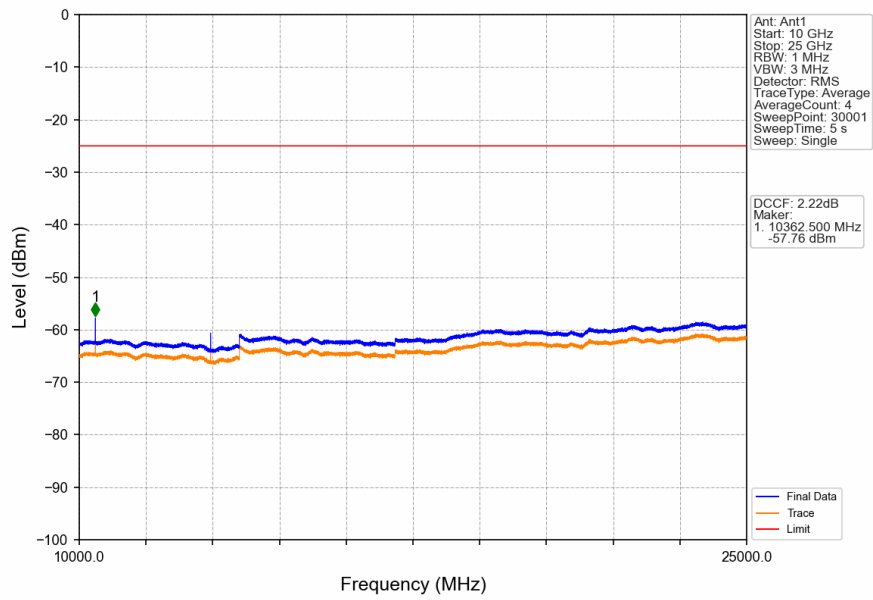


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 2485        | 2569       | 1         | 6.2            | 1          | 2568.927   | -10.31      | -10         | Pass   |
| 2569        | 2570       | 0.26      | 0.35           | 2          | 2569.937   | -14.63      | -10         | Pass   |
| 2570        | 2585       | 0.26      | 0.35           | /          | /          | /           | /           | /      |

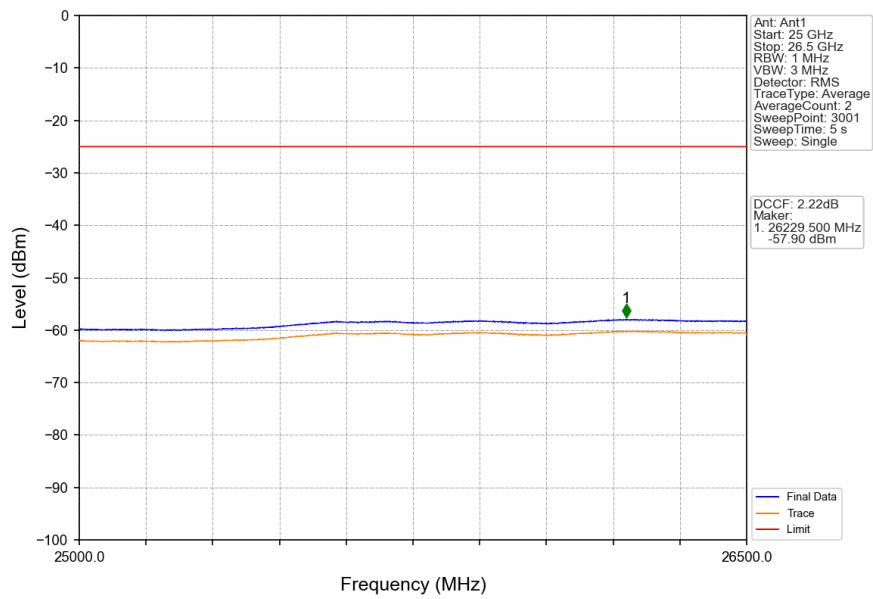
# Band38\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



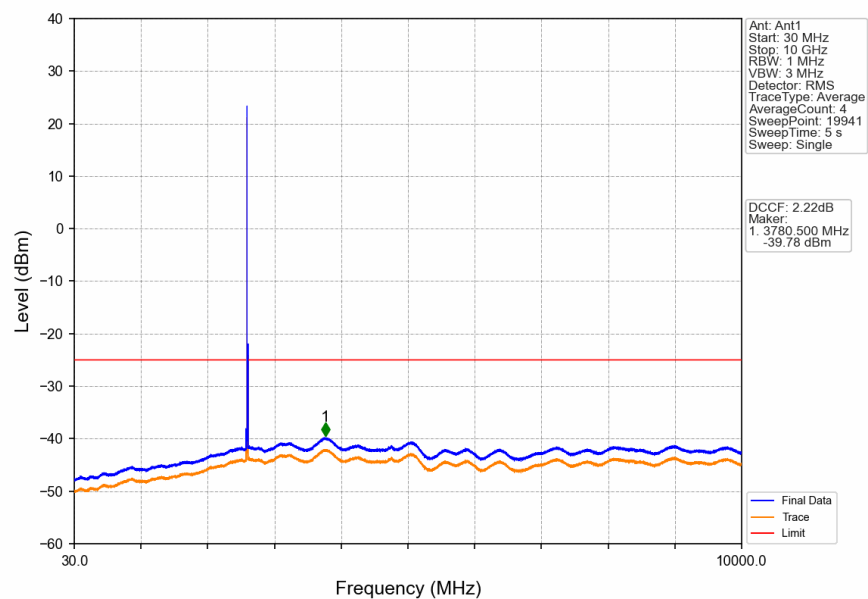
# Band38\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



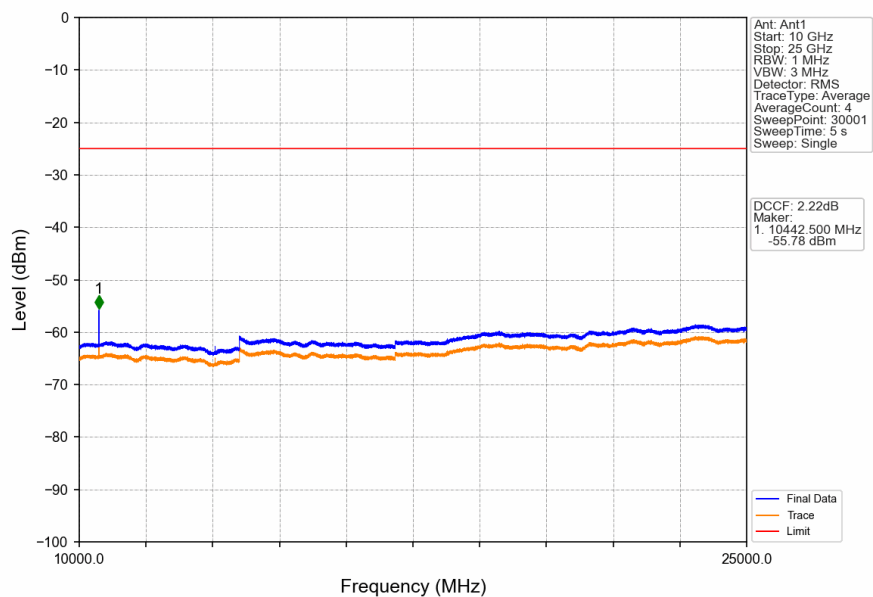
# Band38\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



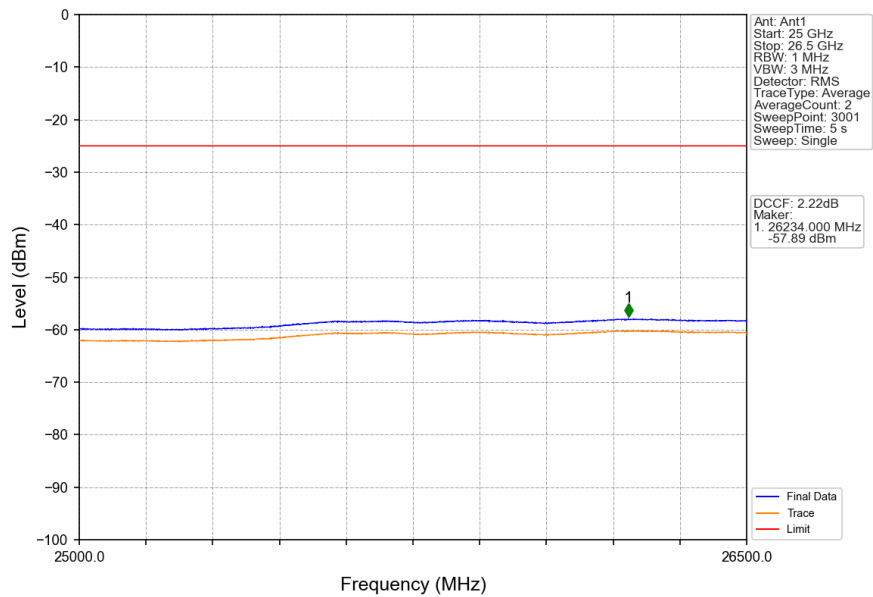
# Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_1\_0\_NTNV



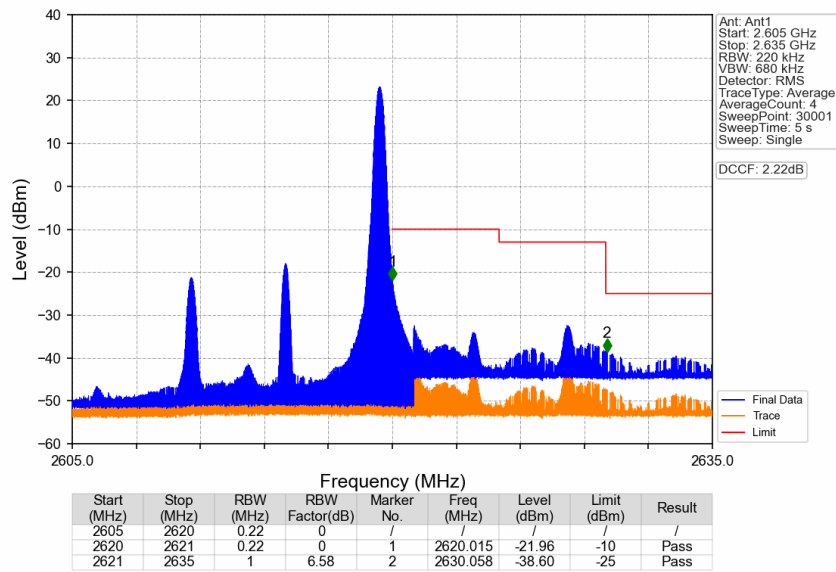
# Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_1\_0\_NTNV



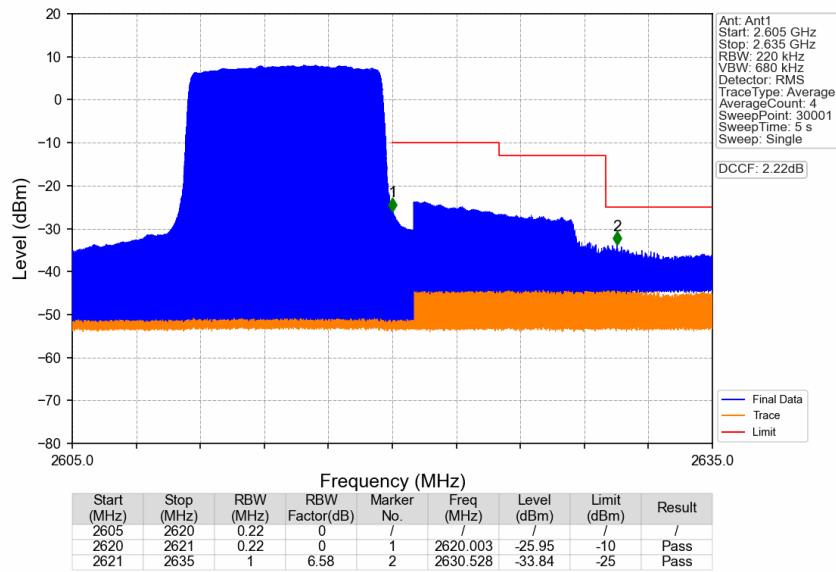
### Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_1\_0\_NTNV



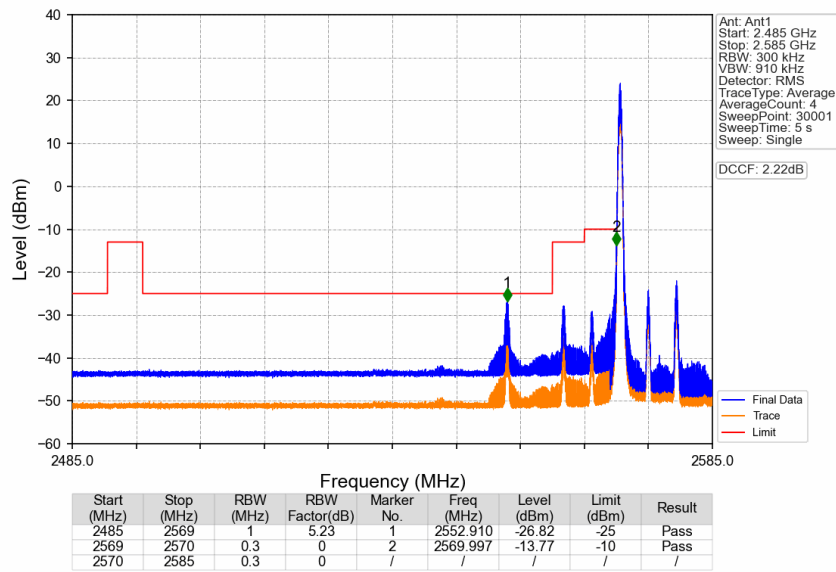
### Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_1\_49\_NTNV



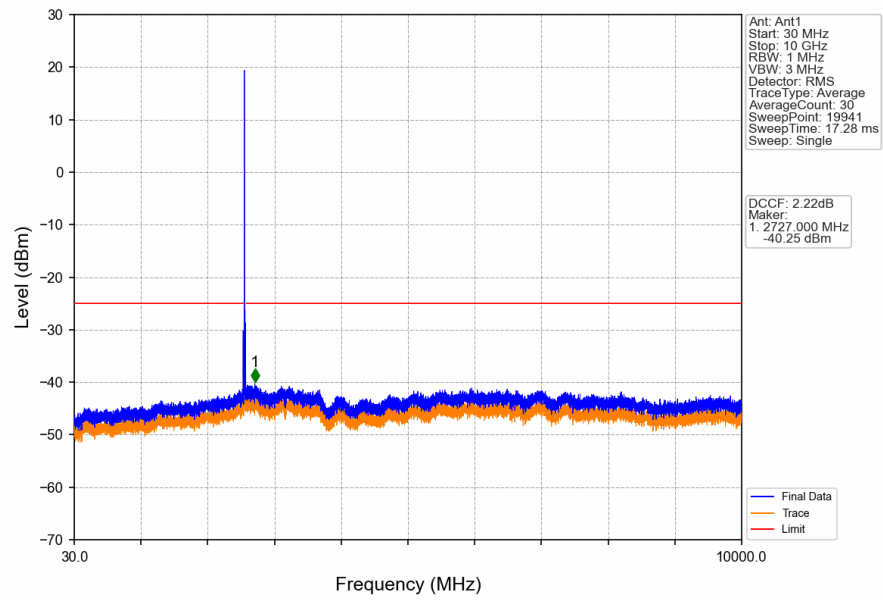
# Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_50\_0\_NTNV



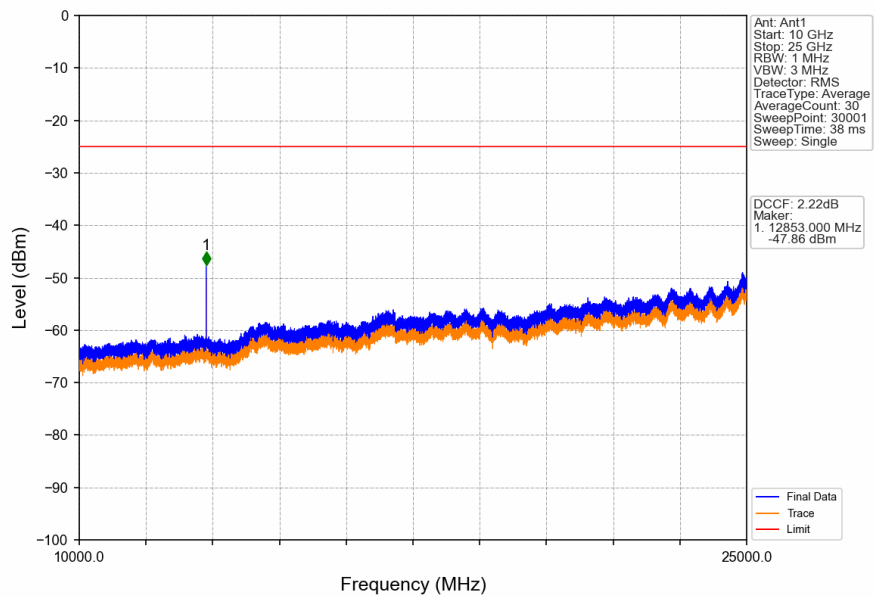
# Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



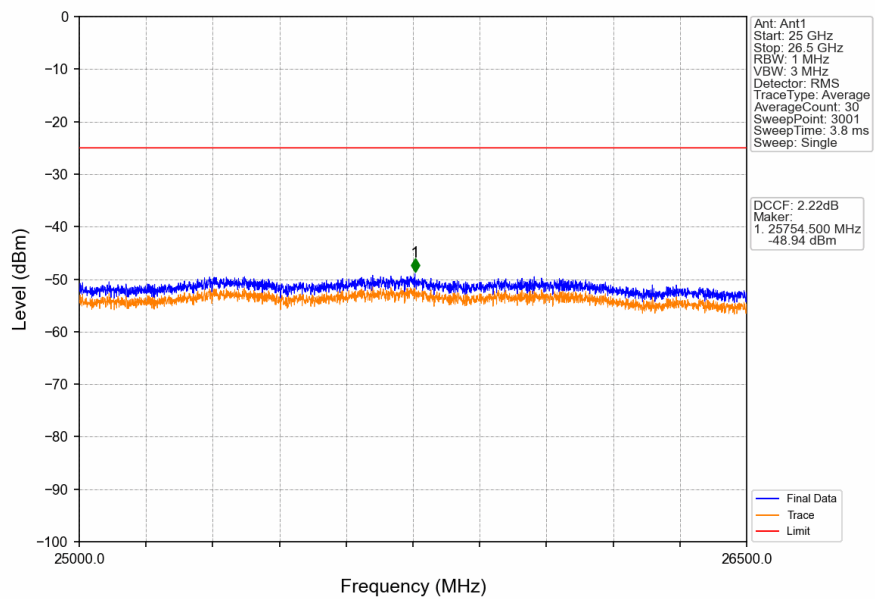
# Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



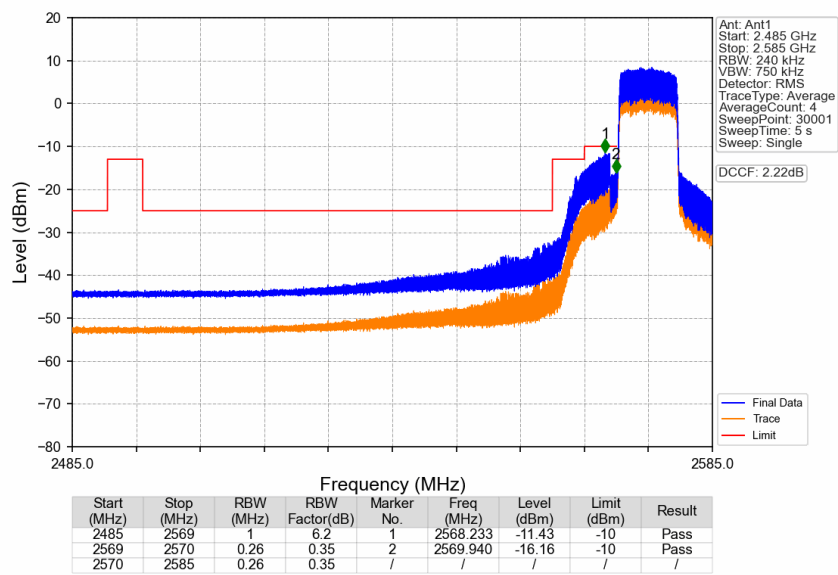
# Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



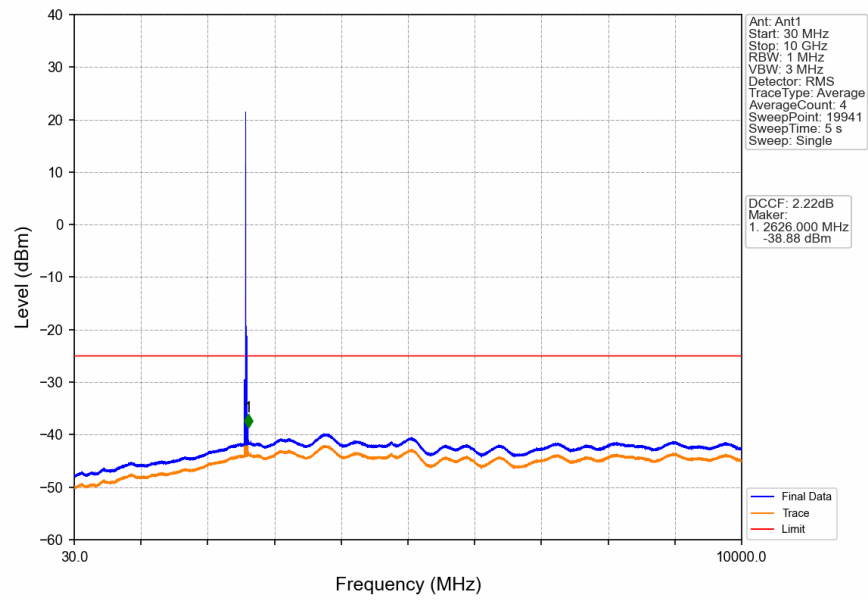
# Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_1\_0\_NTNV



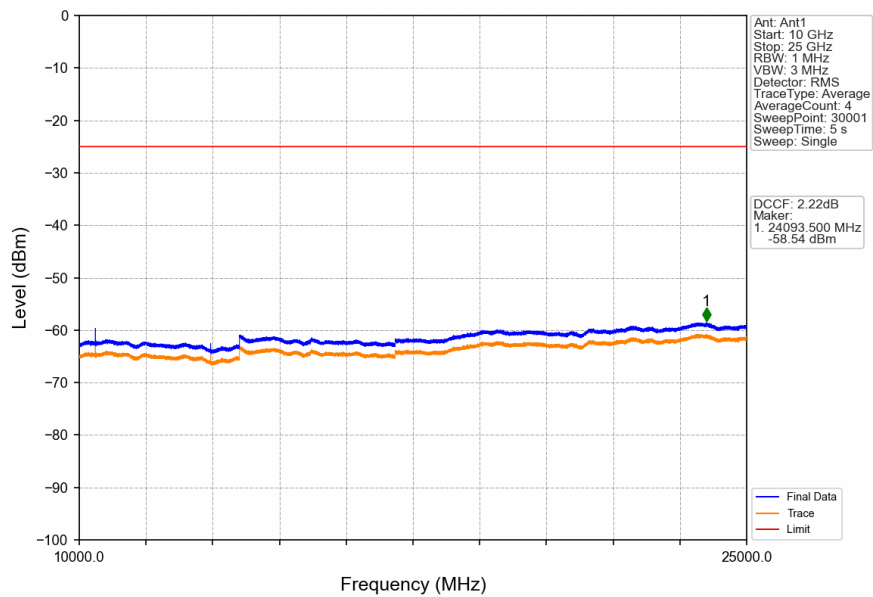
# Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_50\_0\_NTNV



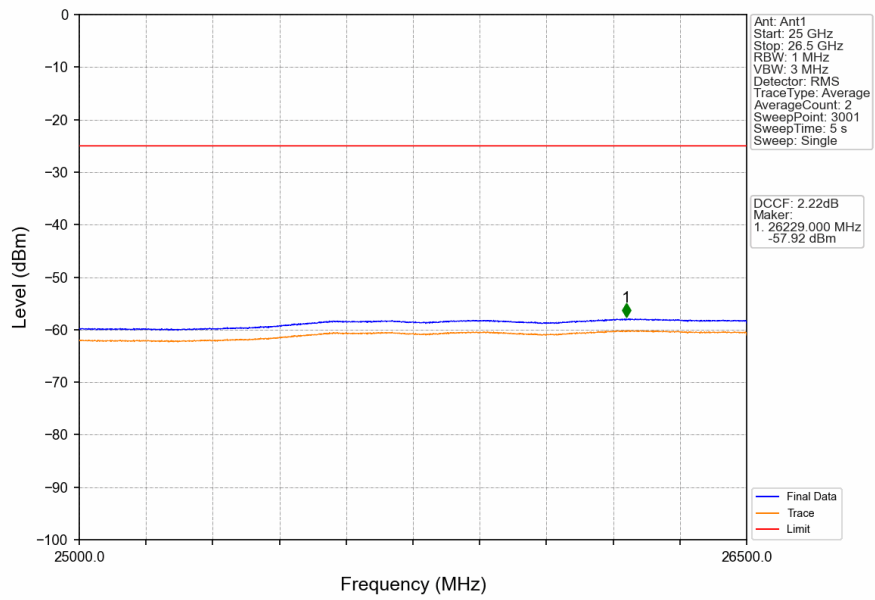
Band38\_10MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



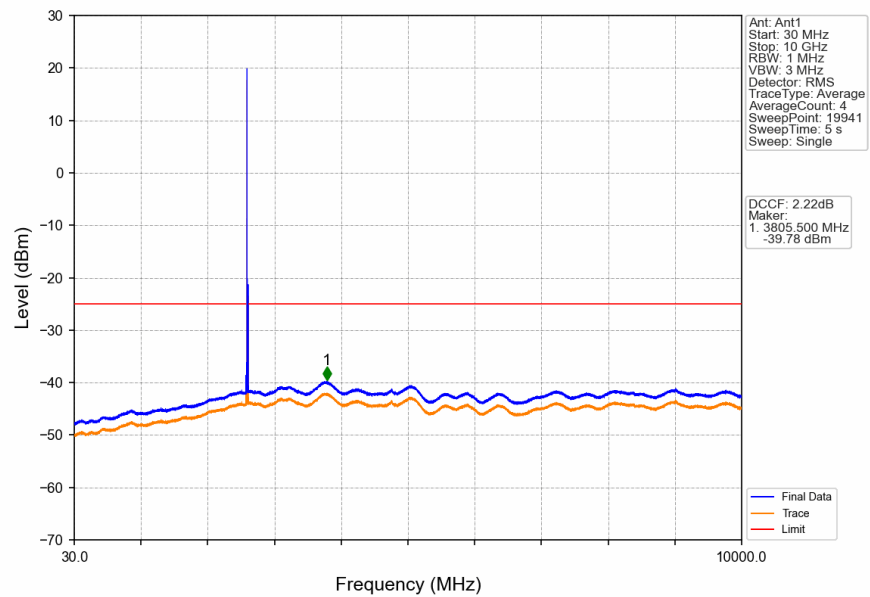
Band38\_10MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



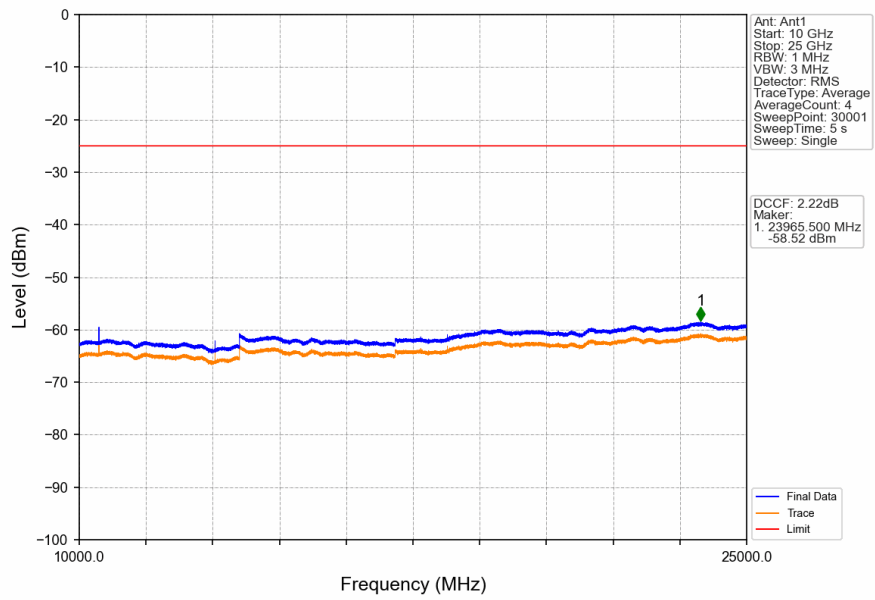
Band38\_10MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



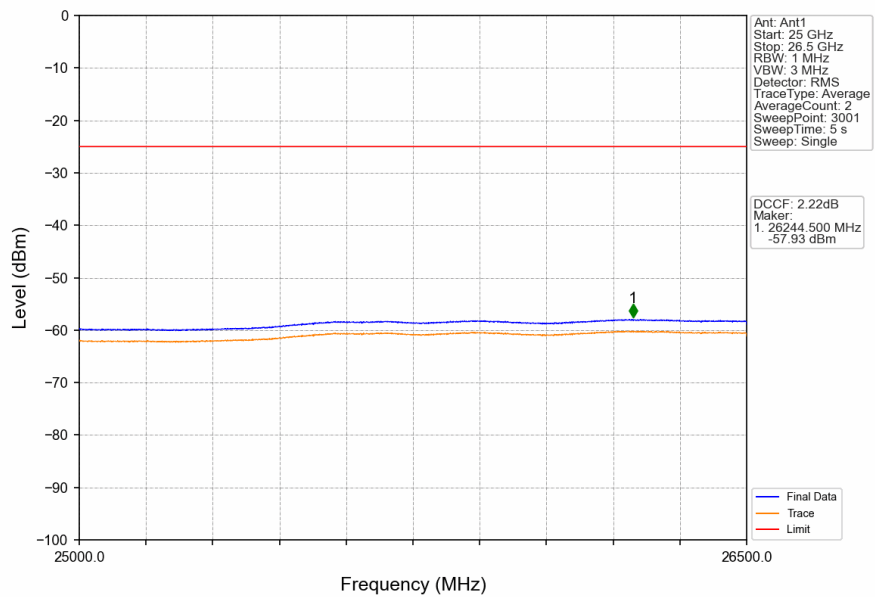
Band38\_10MHz\_16QAM\_HCH\_2615MHz\_RB\_1\_0\_NTNV



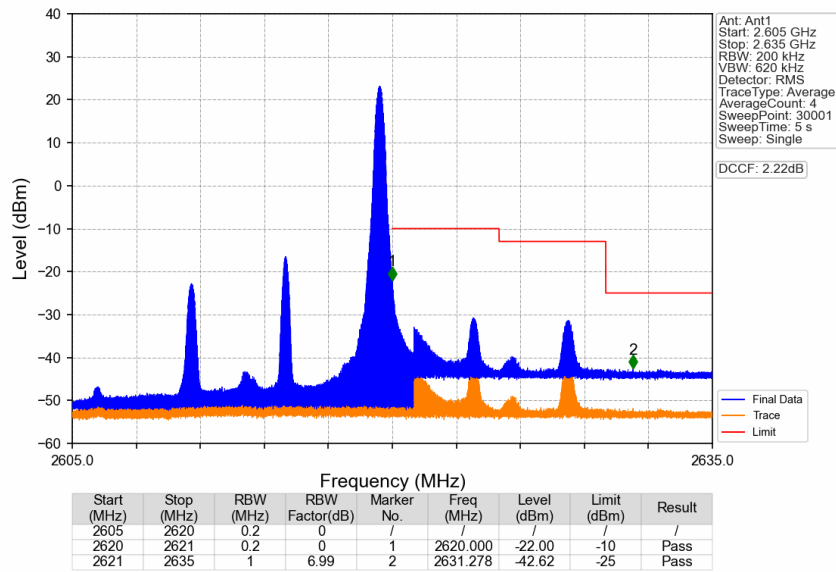
Band38\_10MHz\_16QAM\_HCH\_2615MHz\_RB\_1\_0\_NTNV



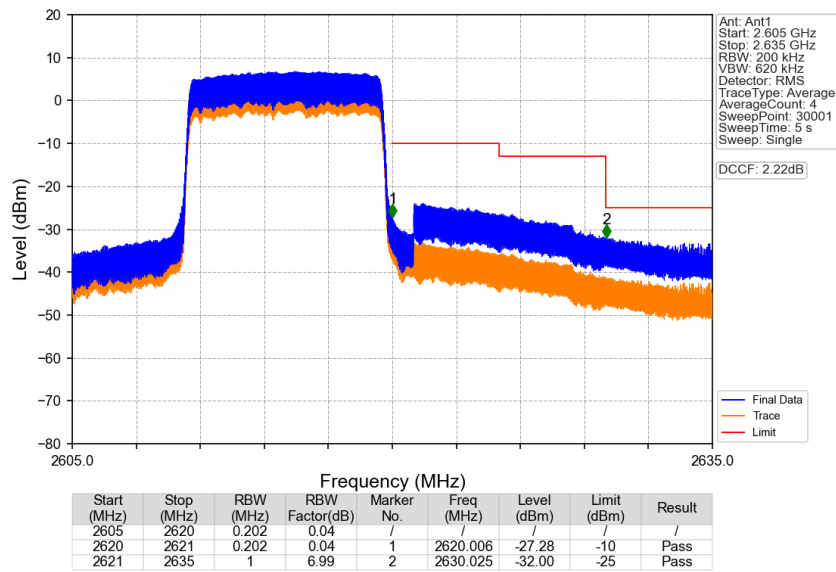
Band38\_10MHz\_16QAM\_HCH\_2615MHz\_RB\_1\_0\_NTNV



Band38\_10MHz\_16QAM\_HCH\_2615MHz\_RB\_1\_49\_NTNV



Band38\_10MHz\_16QAM\_HCH\_2615MHz\_RB\_50\_0\_NTNV

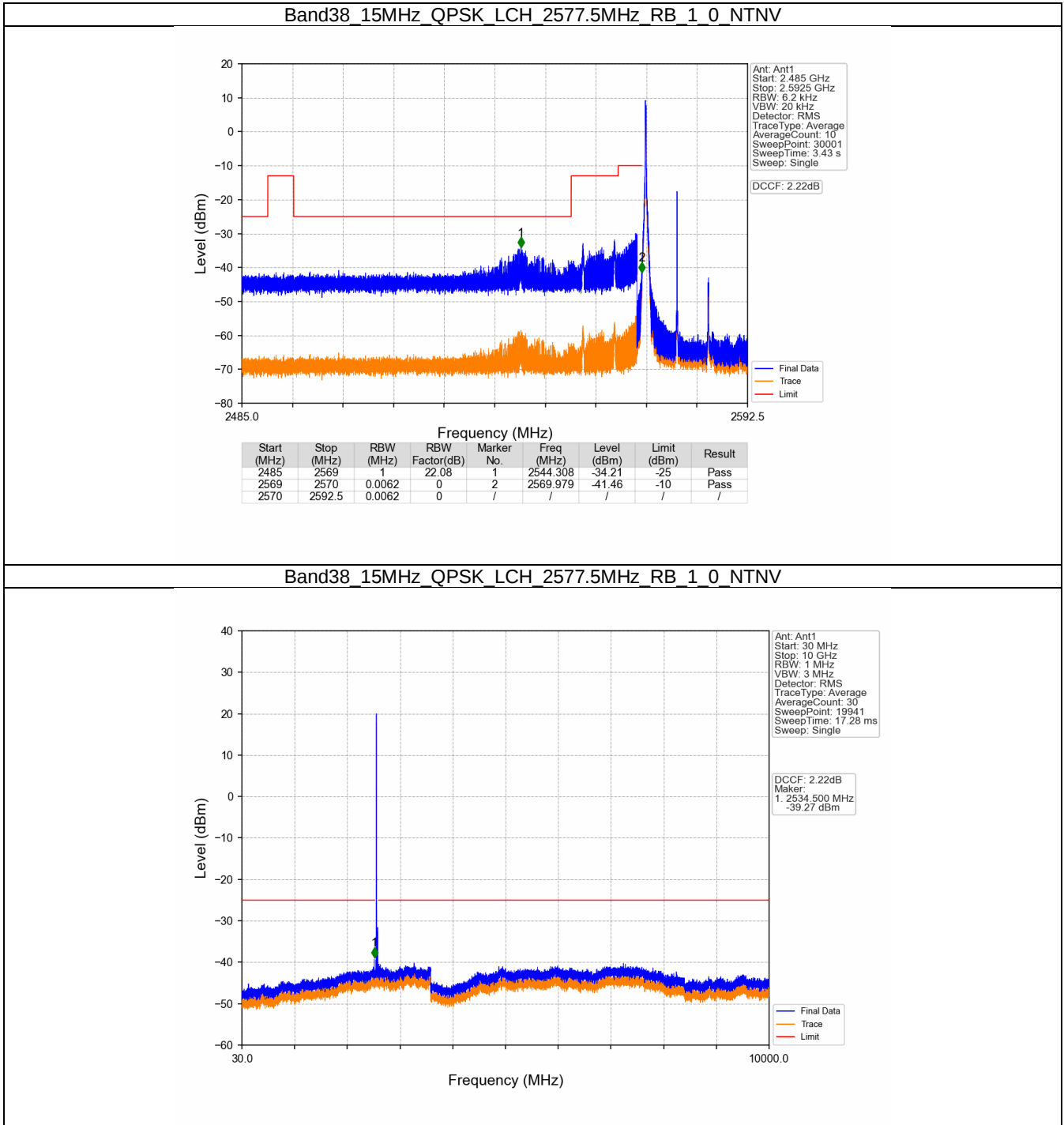


## 8.3 B38\_15MHz

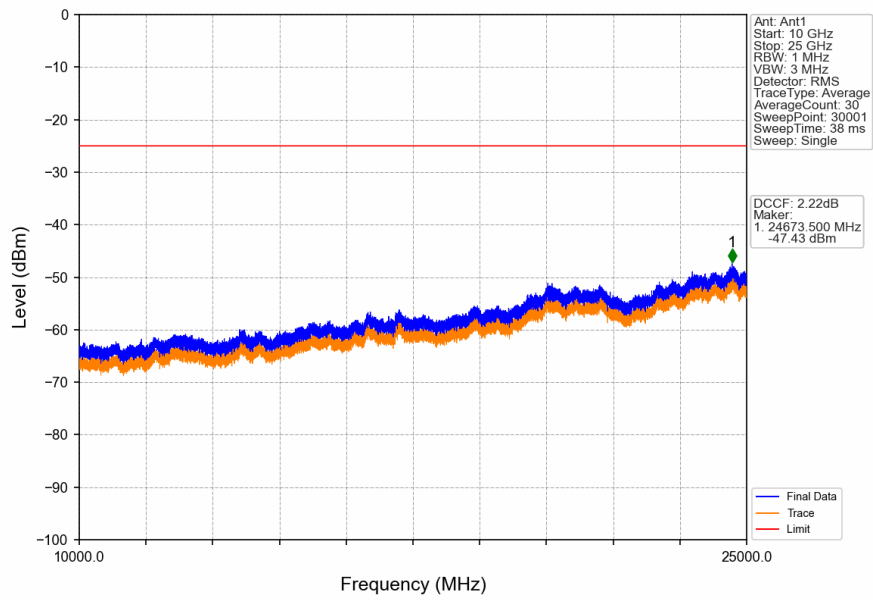
### 8.3.1 Test Result

| Band: 38 / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |

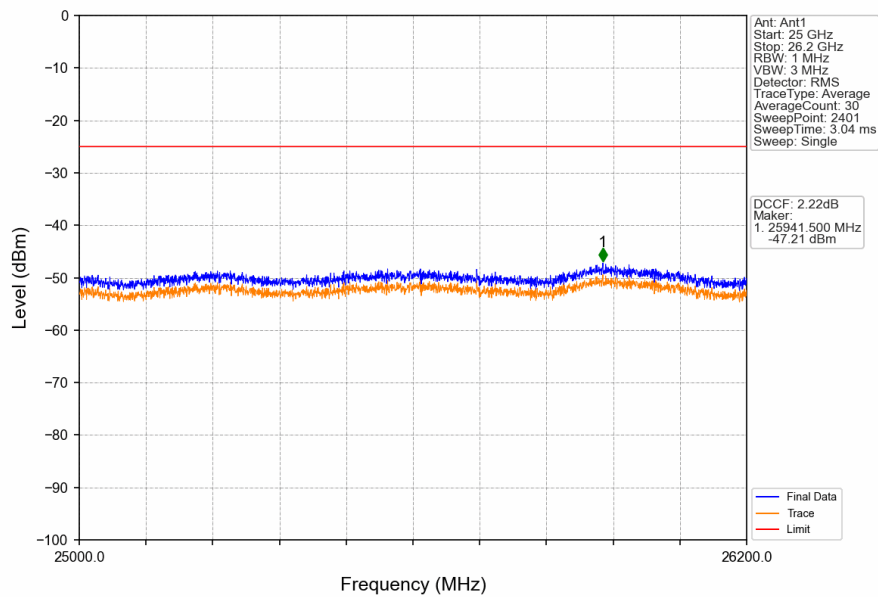
8.3.2 Test Graph



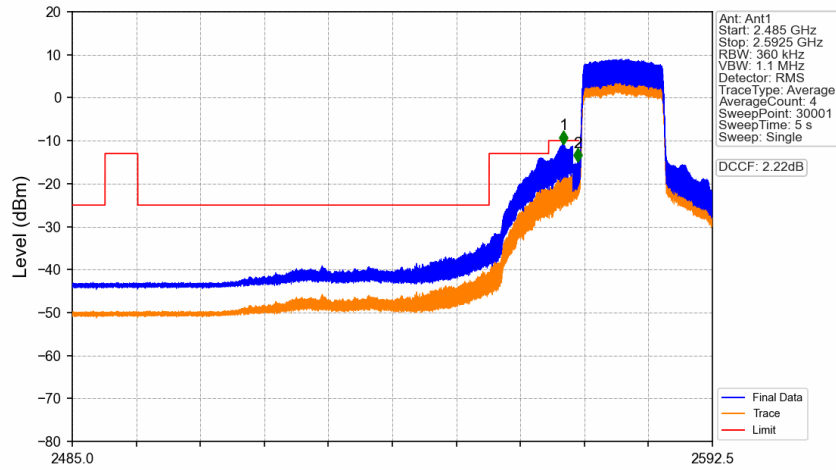
Band38\_15MHz\_QPSK\_LCH\_2577.5MHz\_RB\_1\_0\_NTNV



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

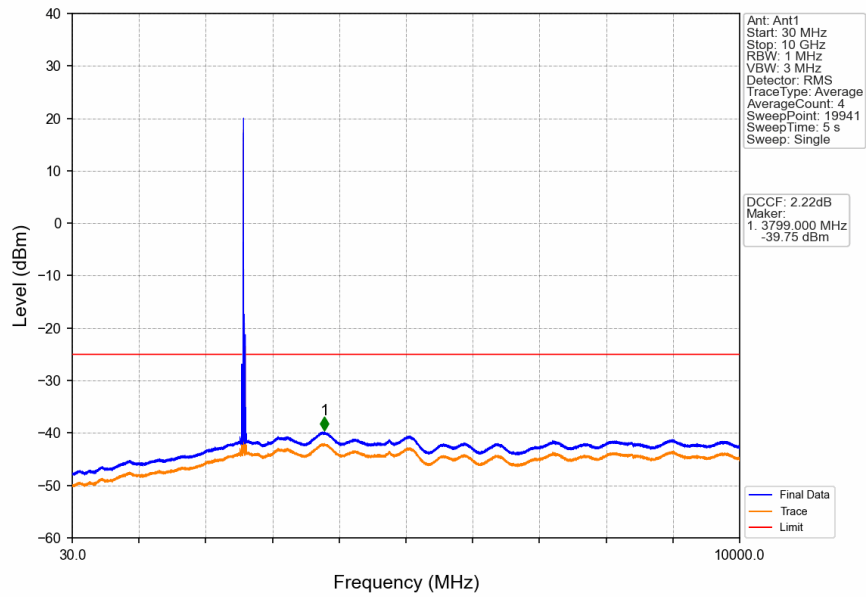


# Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTN

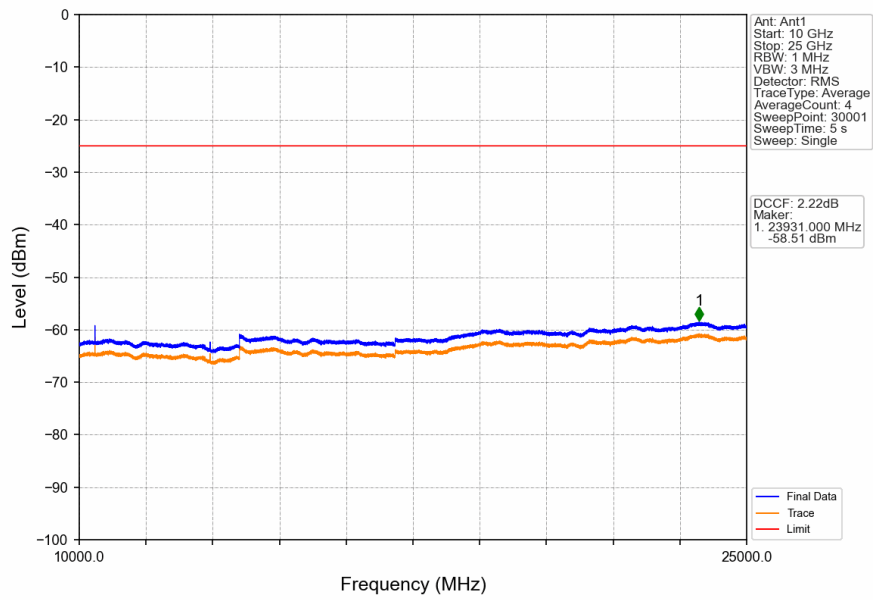


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 2485        | 2569       | 1         | 4.44           | 1          | 2567.488   | -10.79      | -10         | Pass   |
| 2569        | 2570       | 0.36      | 0              | 2          | 2569.900   | -14.93      | -10         | Pass   |
| 2570        | 2592.5     | 0.36      | 0              | /          | /          | /           | /           | /      |

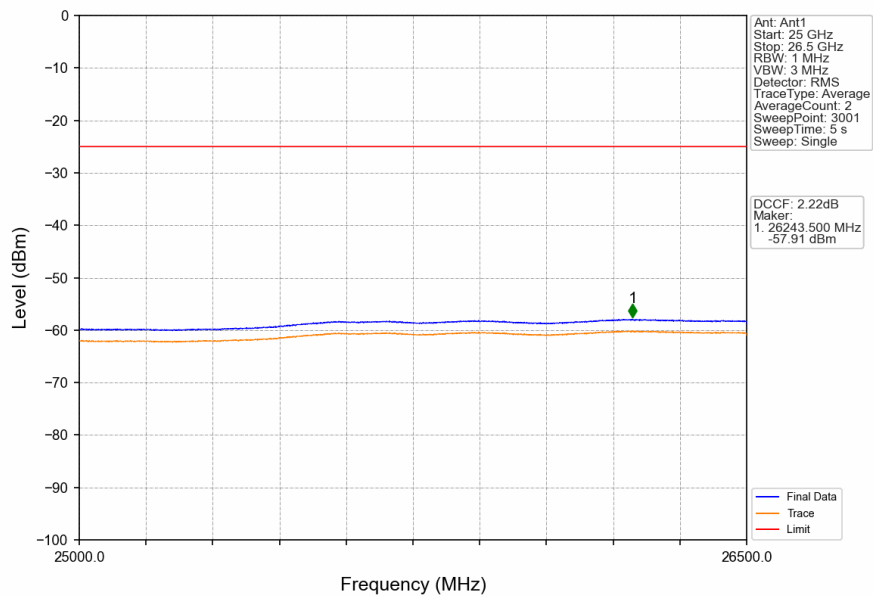
# Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTN



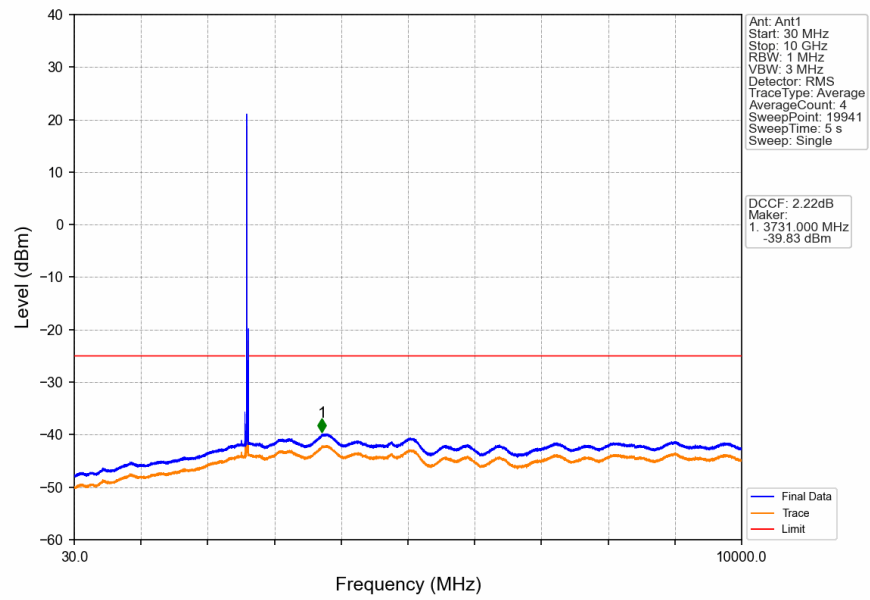
# Band38\_15MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



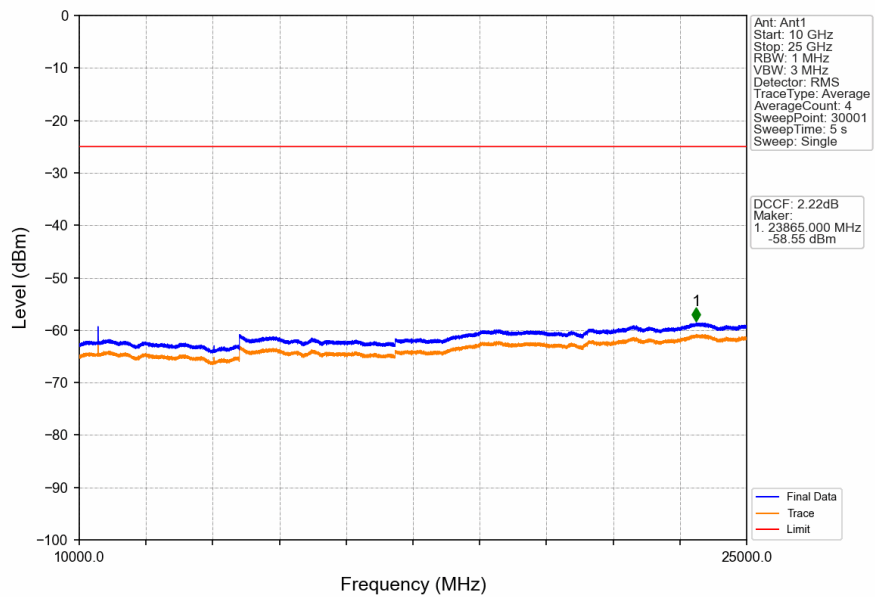
# Band38\_15MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



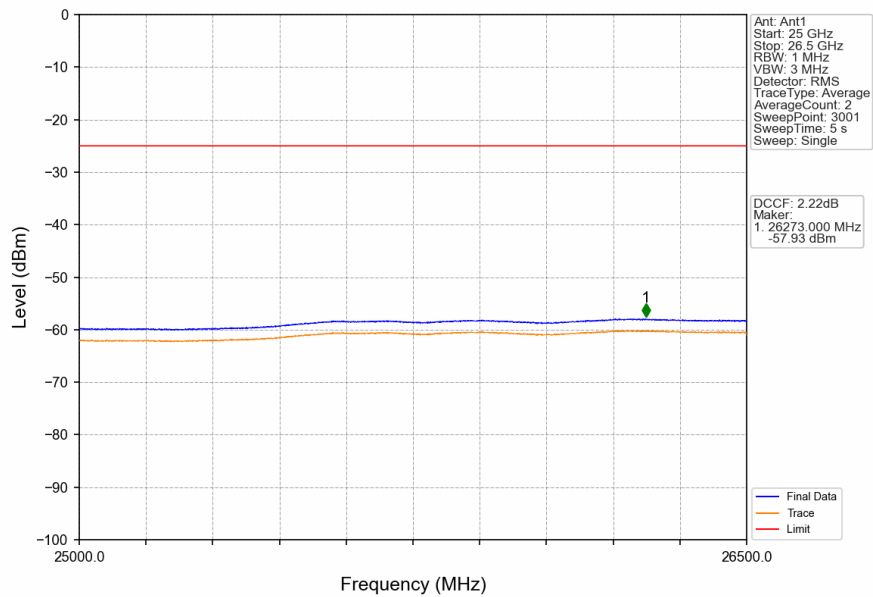
Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_1\_0\_NTNV



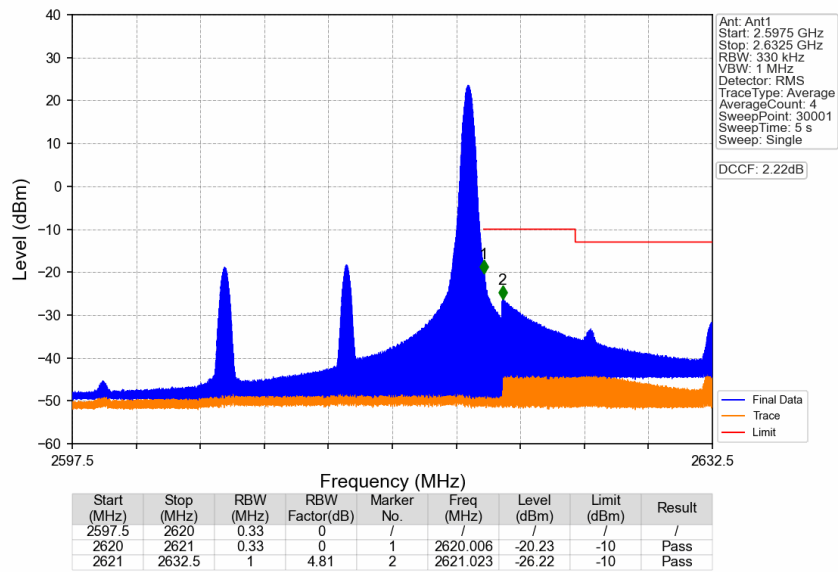
Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_1\_0\_NTNV



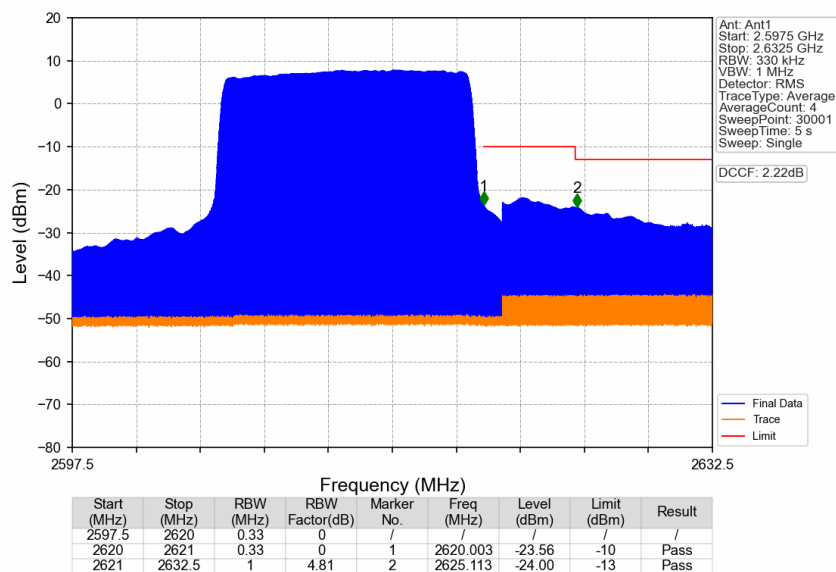
Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_1\_0\_NTNV



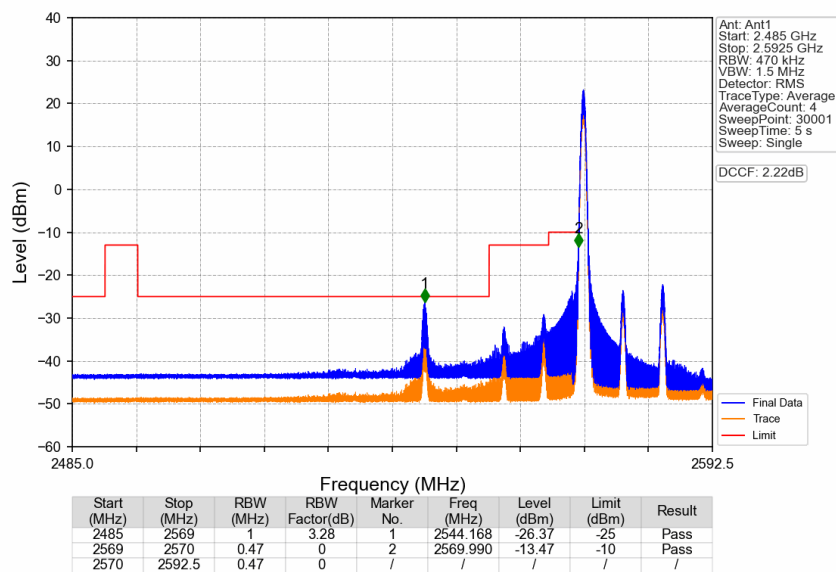
Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_1\_74\_NTNV



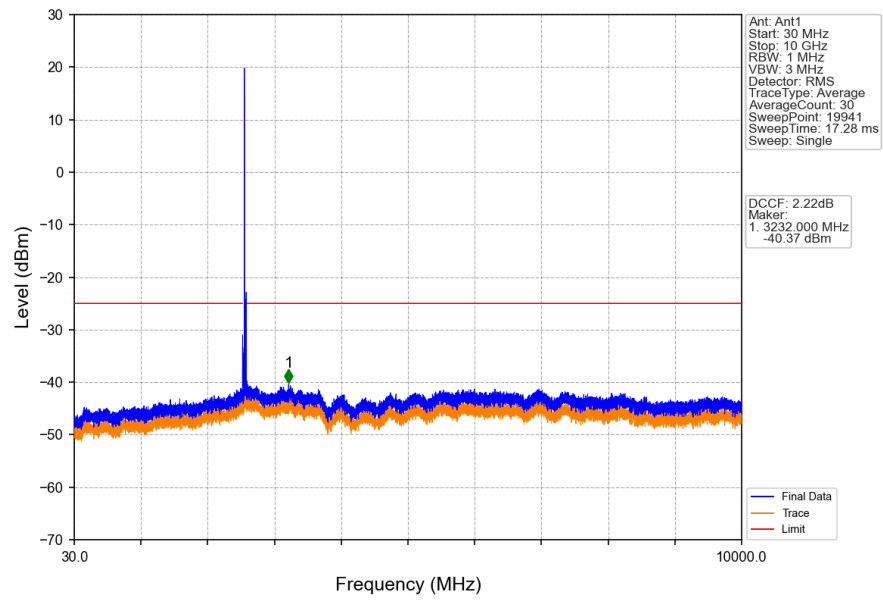
# Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_75\_0\_NTNV



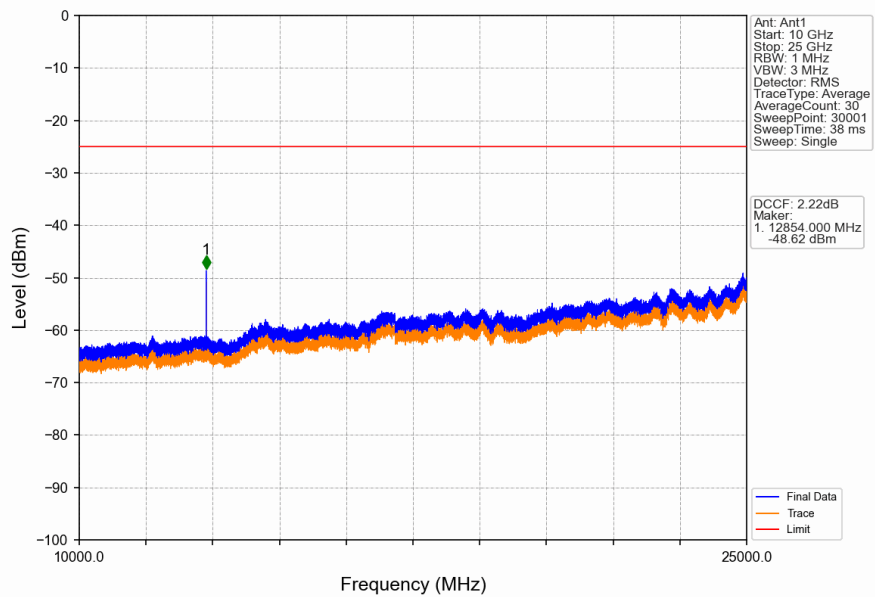
# Band38\_15MHz\_16QAM\_LCH\_2577.5MHz\_RB\_1\_0\_NTNV



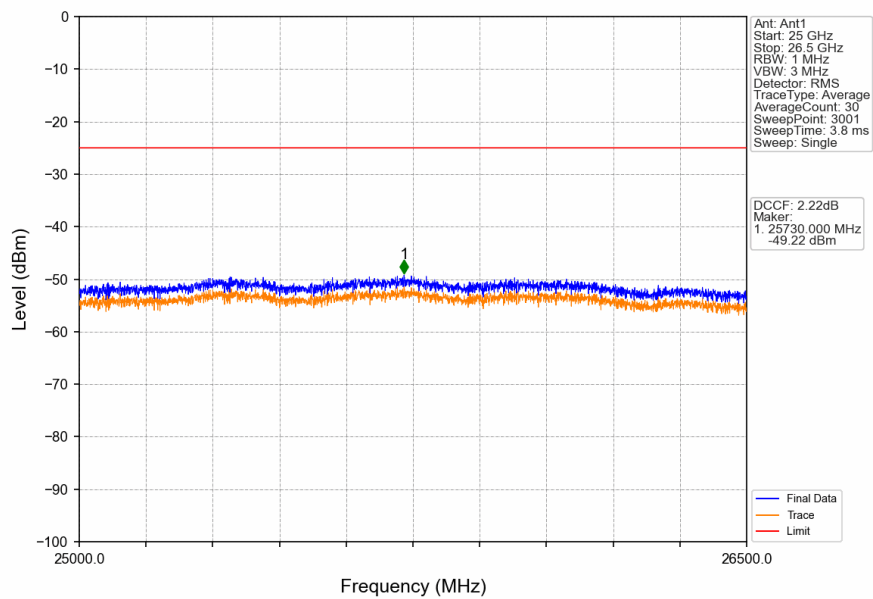
Band38\_15MHz\_16QAM\_LCH\_2577.5MHz\_RB\_1\_0\_NTNV



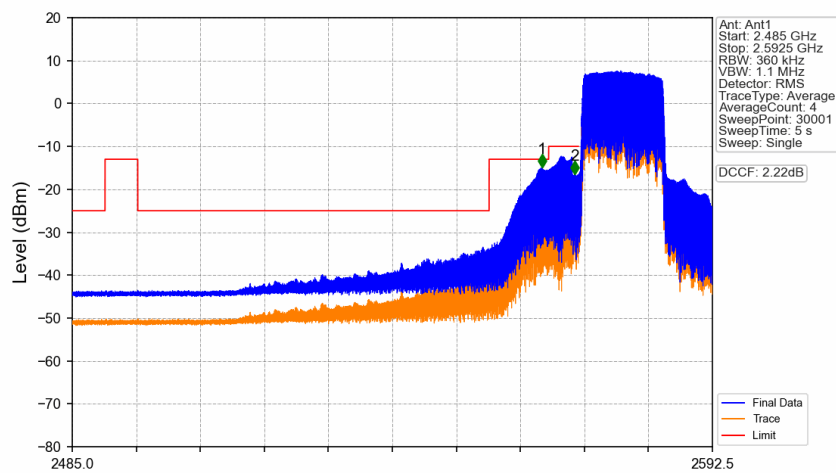
Band38\_15MHz\_16QAM\_LCH\_2577.5MHz\_RB\_1\_0\_NTNV



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

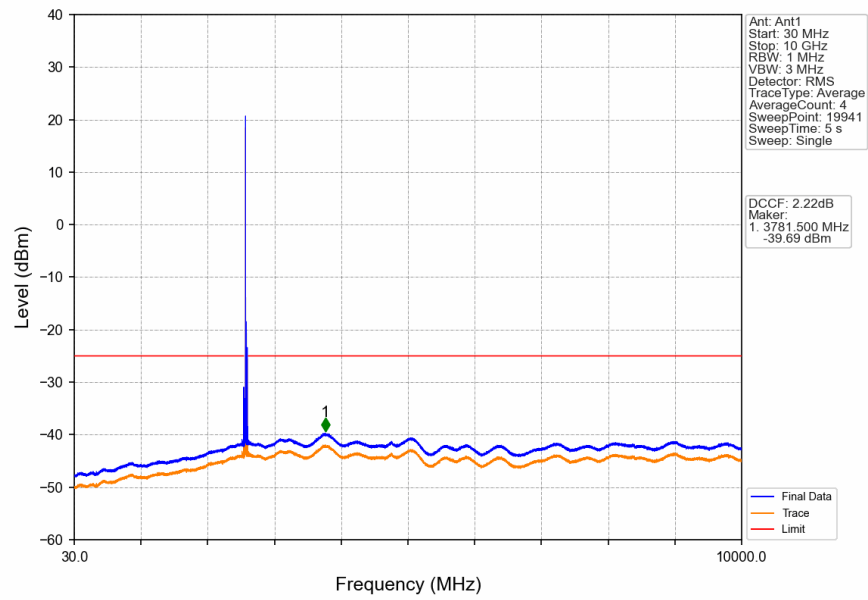


# Band38\_15MHz\_16QAM\_LCH\_2577.5MHz\_RB\_75\_0\_NTNV

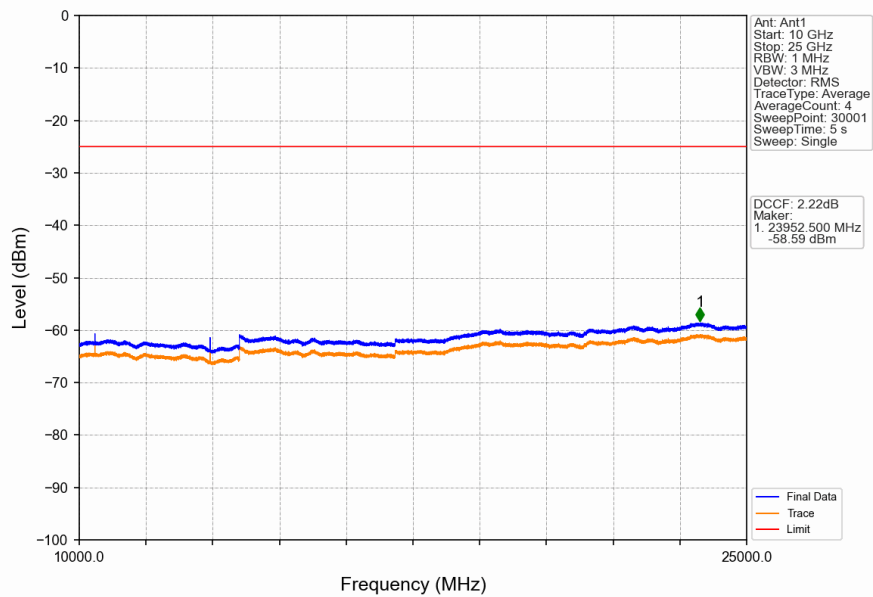


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 2485        | 2569       | 1         | 4.44           | 1          | 2563.898   | -14.99      | -13         | Pass   |
| 2569        | 2570       | 0.36      | 0              | 2          | 2569.370   | -16.48      | -10         | Pass   |
| 2570        | 2592.5     | 0.36      | 0              | /          | /          | /           | /           | /      |

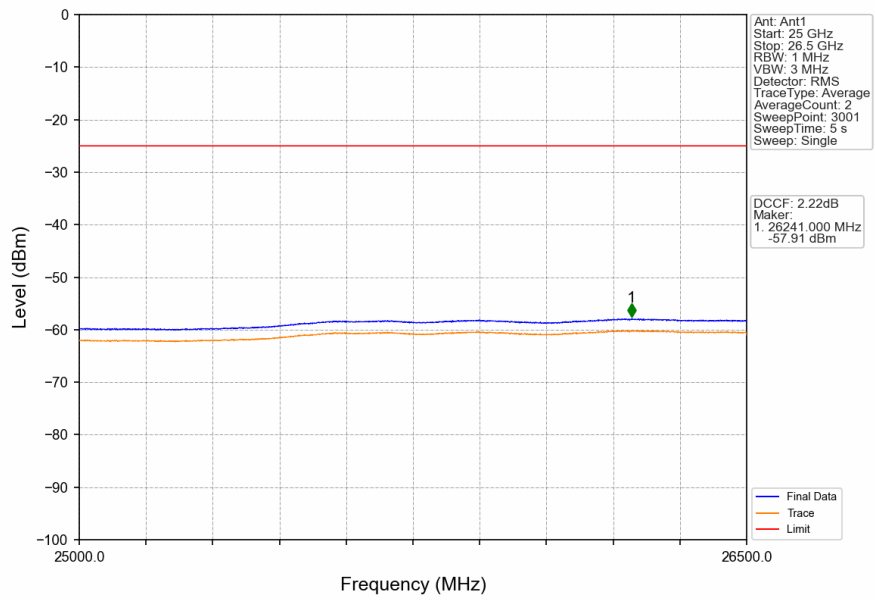
Band38\_15MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



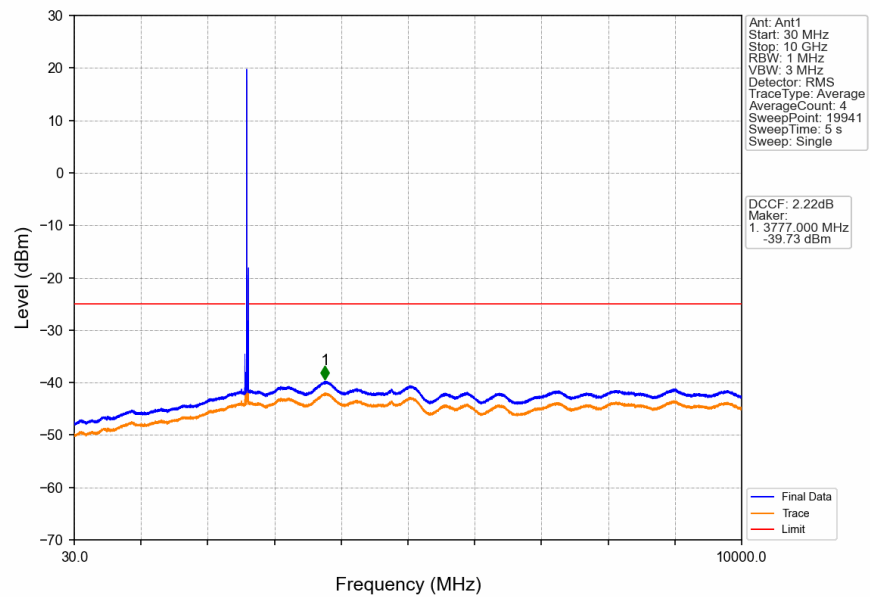
Band38\_15MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



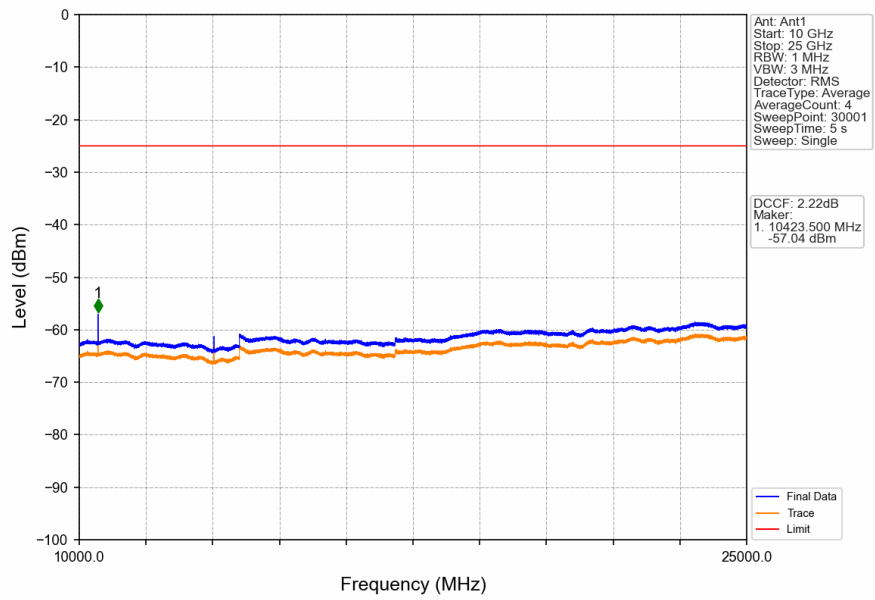
Band38\_15MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



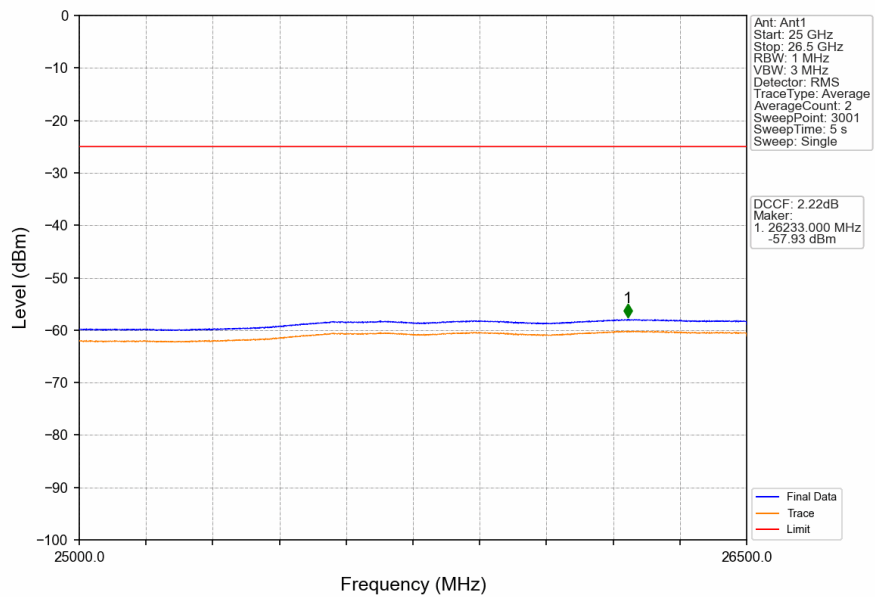
Band38\_15MHz\_16QAM\_HCH\_2612.5MHz\_RB\_1\_0\_NTNV



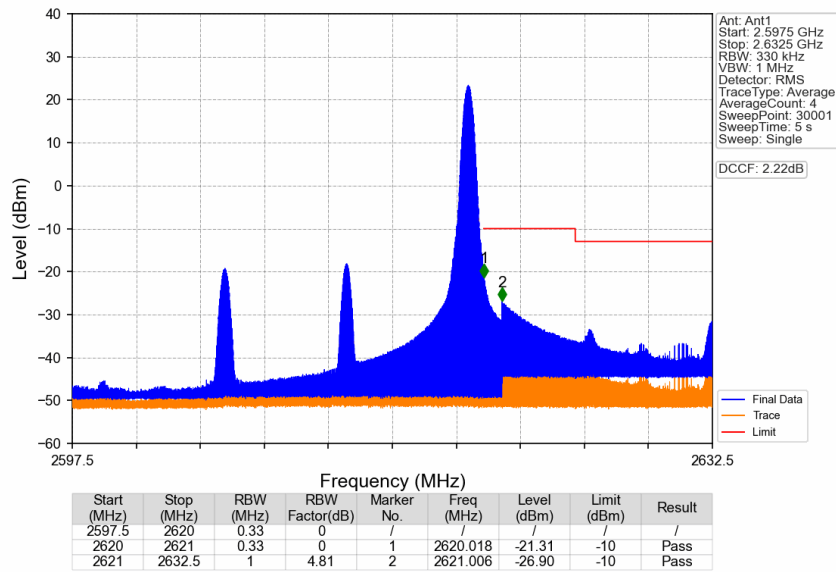
Band38\_15MHz\_16QAM\_HCH\_2612.5MHz\_RB\_1\_0\_NTNV



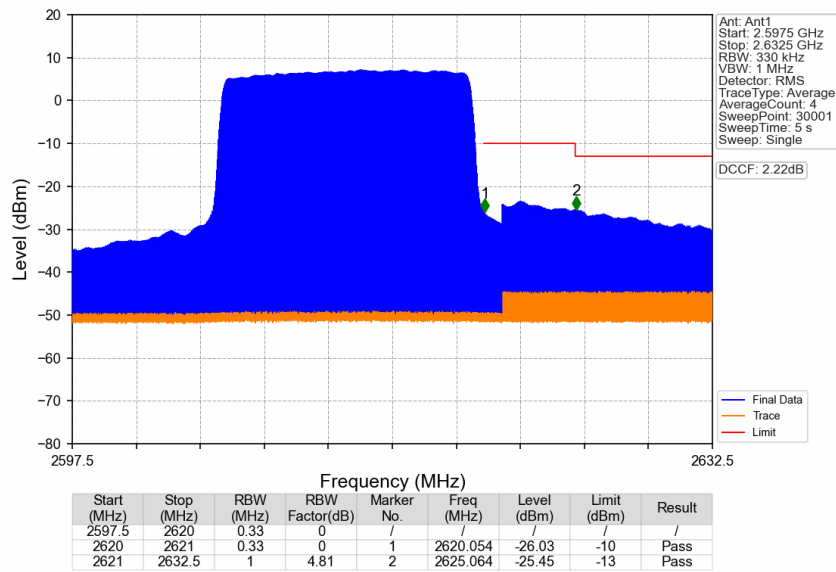
Band38\_15MHz\_16QAM\_HCH\_2612.5MHz\_RB\_1\_0\_NTNV



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



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

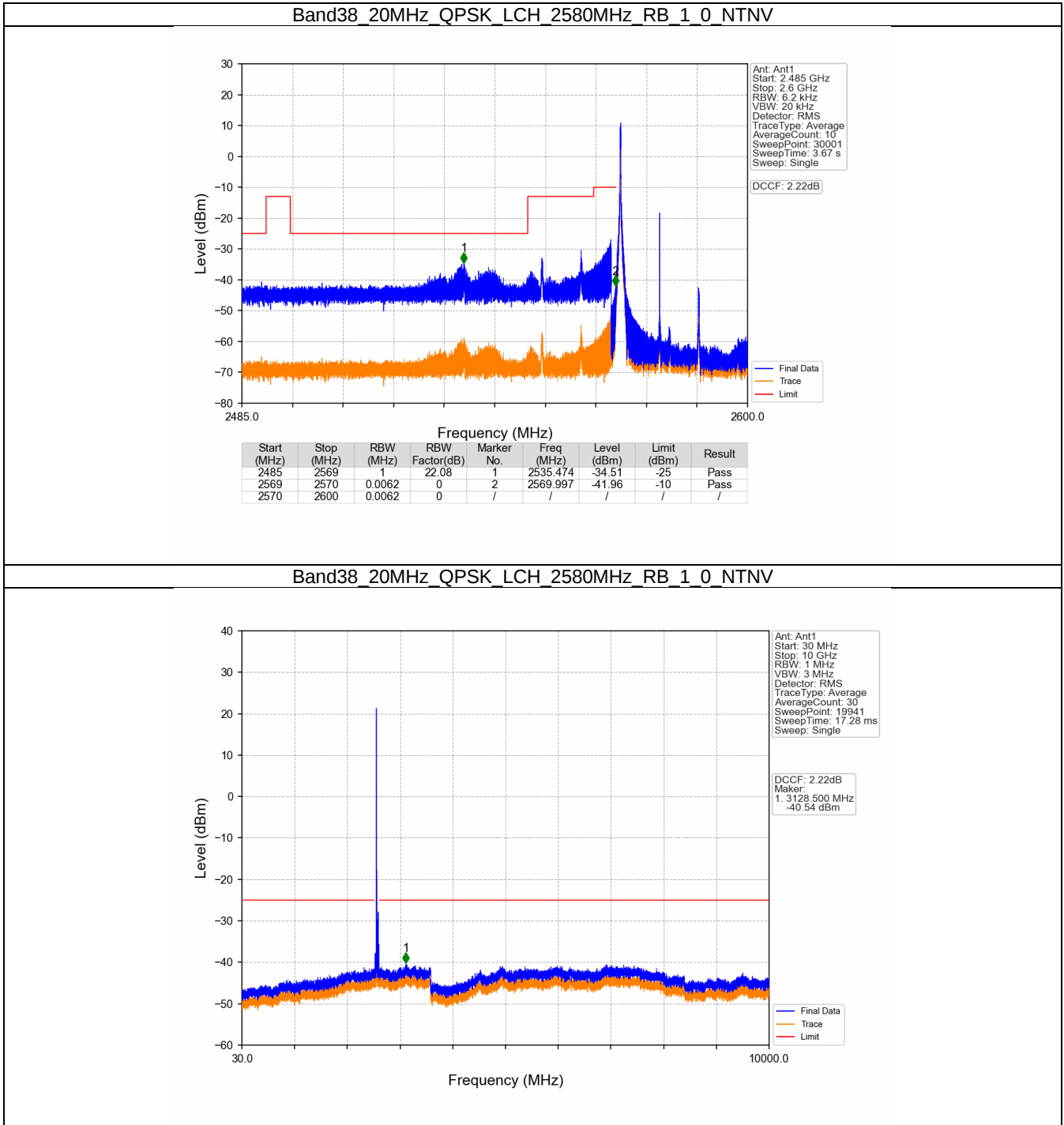


## 8.4 B38\_20MHz

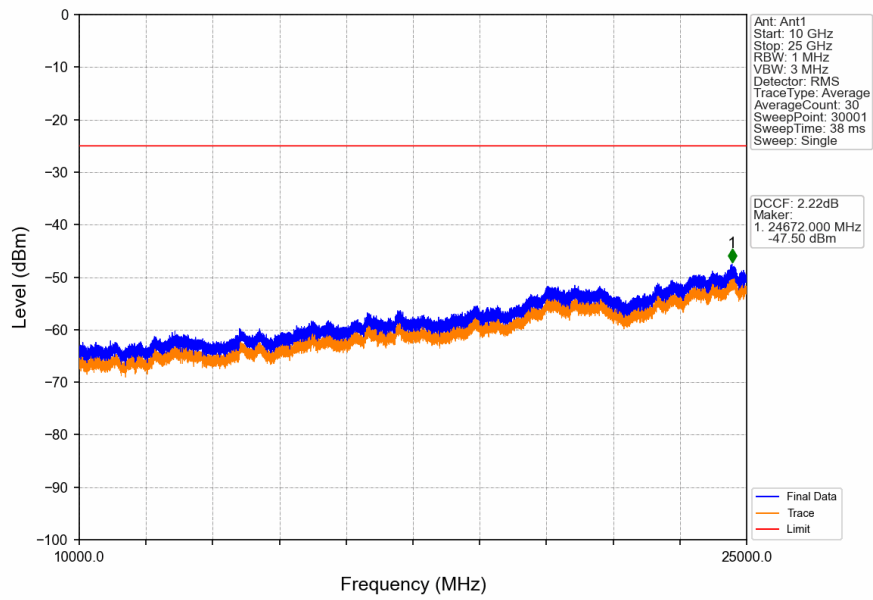
### 8.4.1 Test Result

| Band: 38 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |

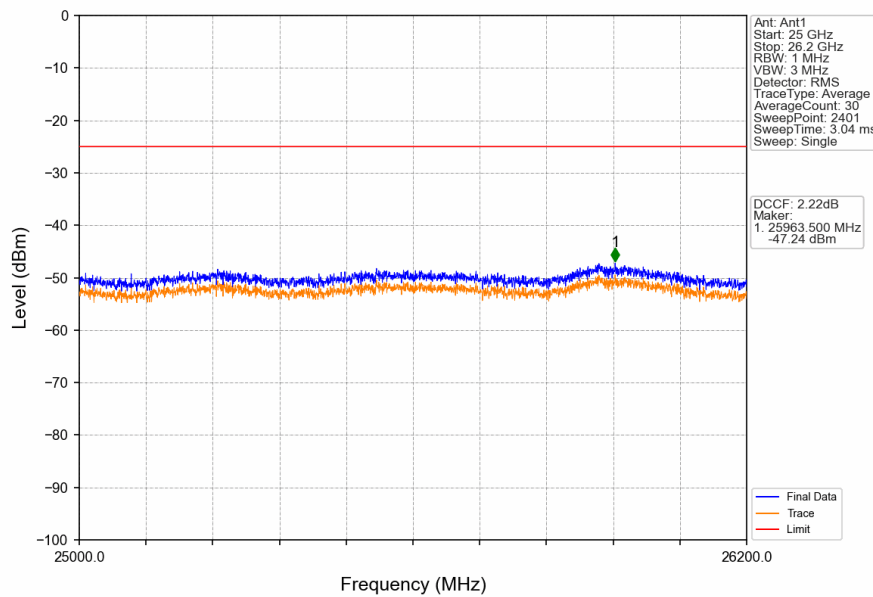
8.4.2 Test Graph



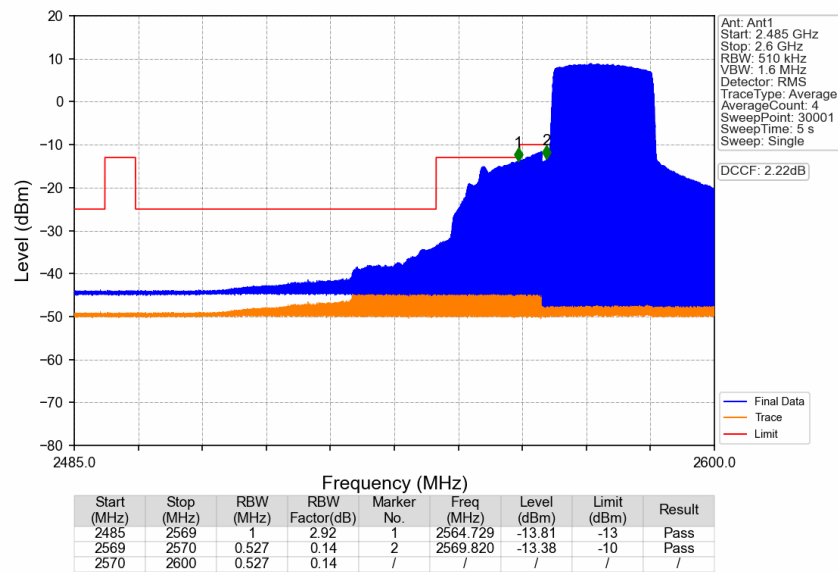
# Band38\_20MHz\_QPSK\_LCH\_2580MHz\_RB\_1\_0\_NTNV



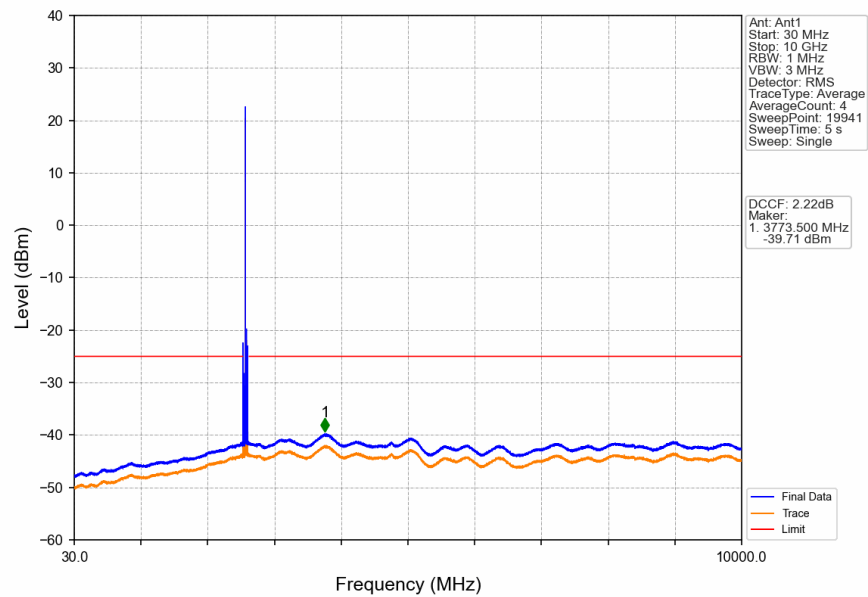
# Band38\_20MHz\_QPSK\_LCH\_2580MHz\_RB\_1\_0\_NTNV



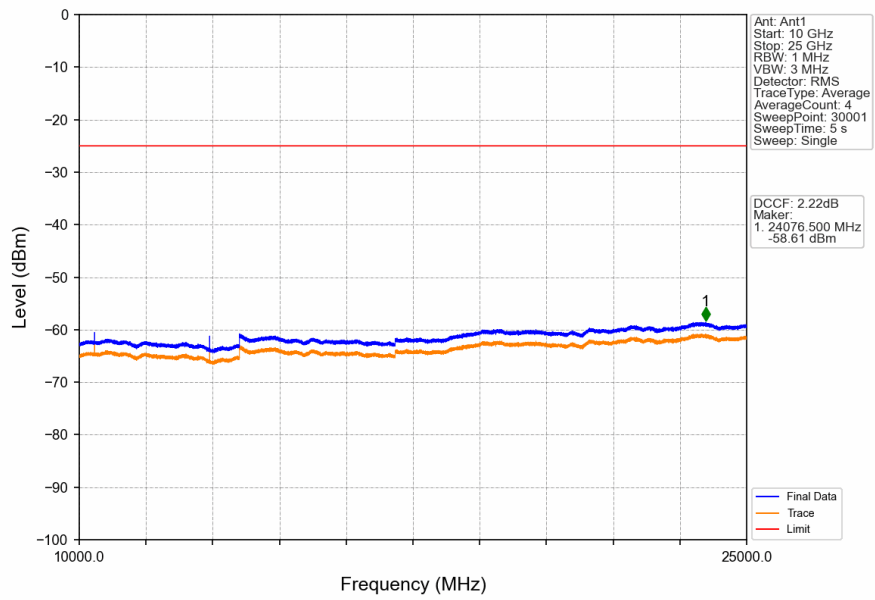
Band38\_20MHz\_QPSK\_LCH\_2580MHz\_RB\_100\_0\_NTNV



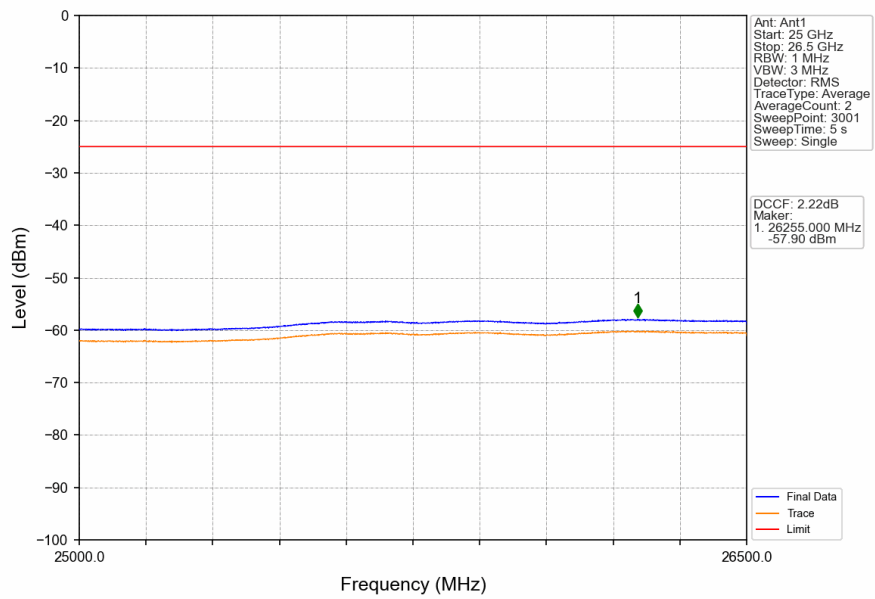
Band38\_20MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



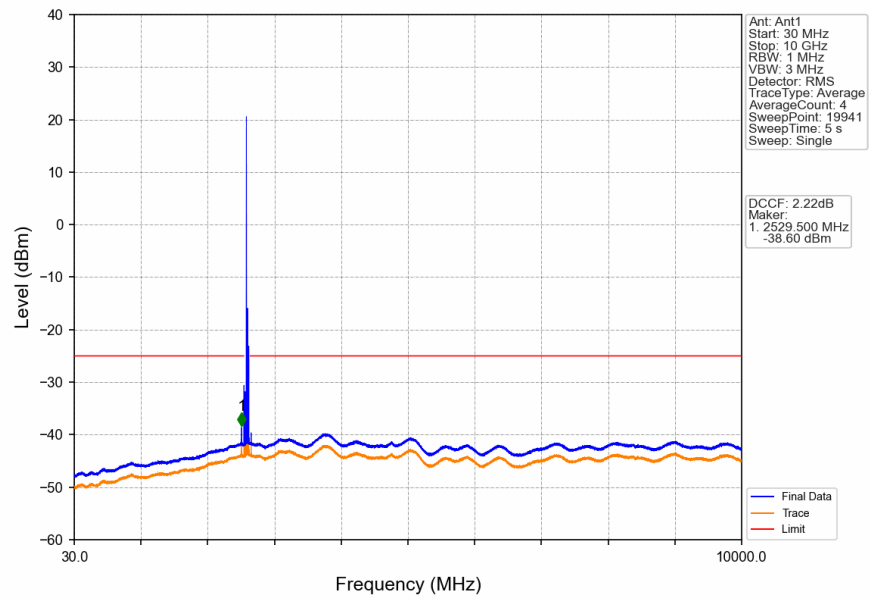
# Band38\_20MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



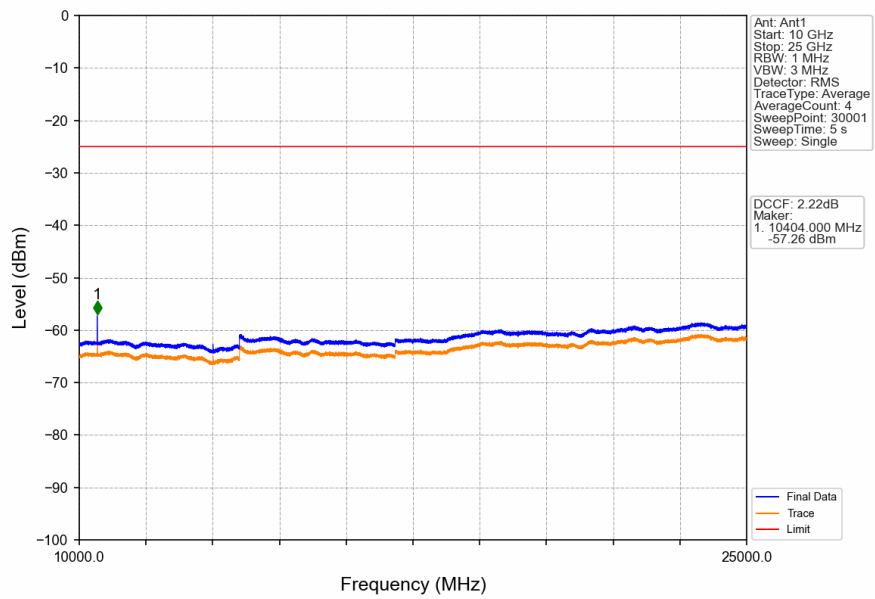
# Band38\_20MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



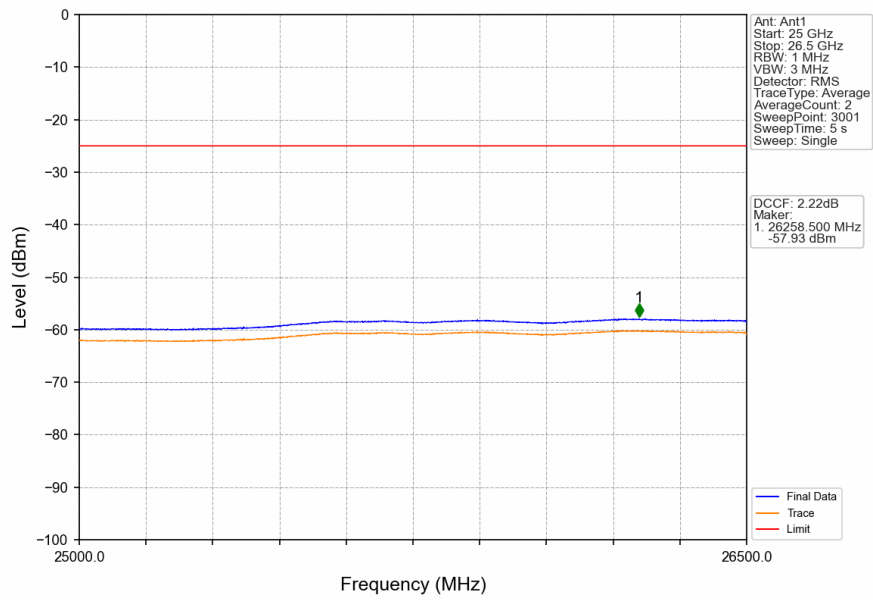
# Band38\_20MHz\_QPSK\_HCH\_2610MHz\_RB\_1\_0\_NTNV



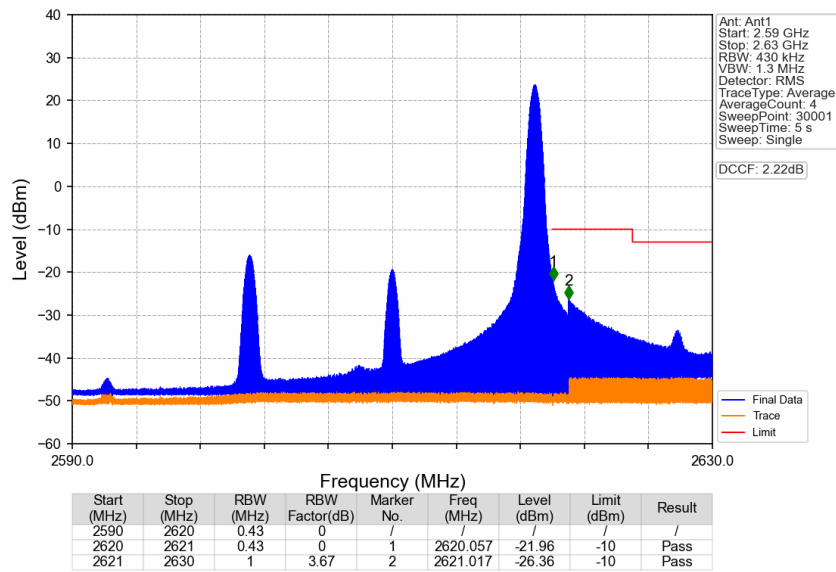
# Band38\_20MHz\_QPSK\_HCH\_2610MHz\_RB\_1\_0\_NTNV



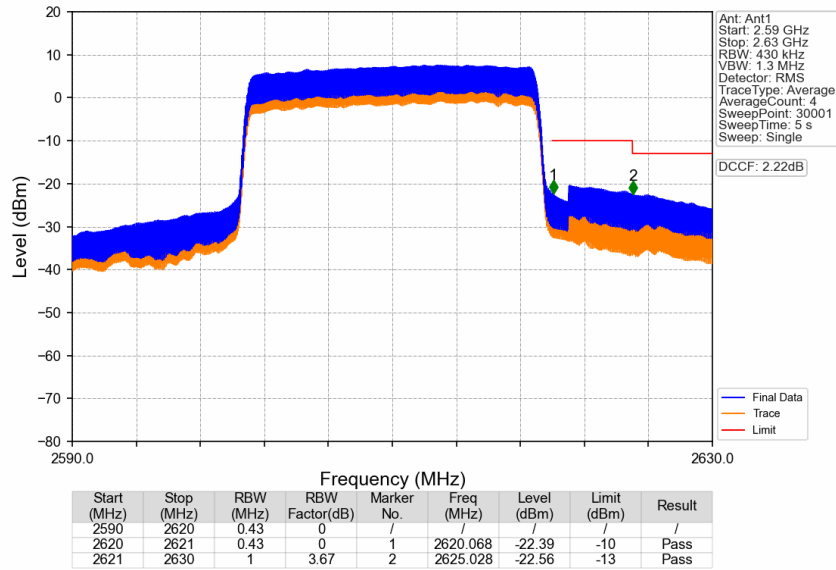
# Band38\_20MHz\_QPSK\_HCH\_2610MHz\_RB\_1\_0\_NTNV



# Band38\_20MHz\_QPSK\_HCH\_2610MHz\_RB\_1\_99\_NTNV



# Band38\_20MHz\_QPSK\_HCH\_2610MHz\_RB\_100\_0\_NTNV



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

