

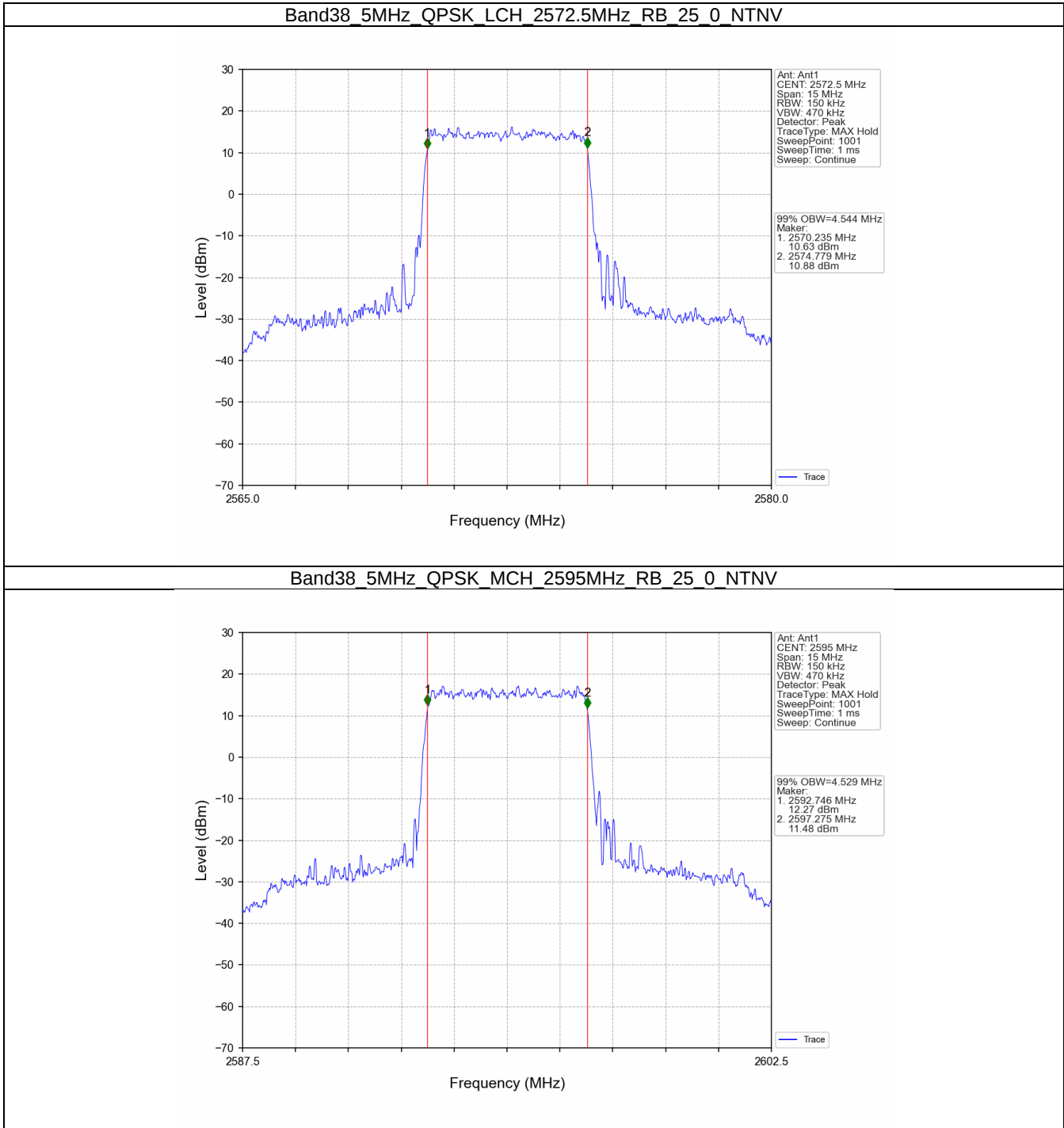
## 1. 99% & 26dB Bandwidth

### 1.1 Band38\_OBW

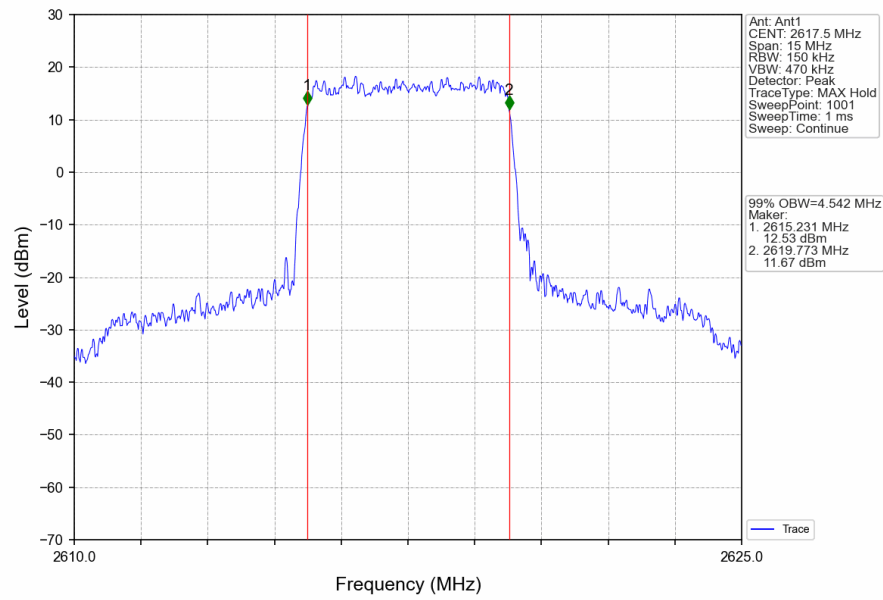
#### 1.1.1 Test Result

| Band: 38 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 5               | QPSK       | 2572.5          | 25            | 0      | 4.544                        | /     | Pass    |
|                 |            | 2595            | 25            | 0      | 4.529                        | /     | Pass    |
|                 |            | 2617.5          | 25            | 0      | 4.542                        | /     | Pass    |
|                 | 16QAM      | 2572.5          | 25            | 0      | 4.551                        | /     | Pass    |
|                 |            | 2595            | 25            | 0      | 4.530                        | /     | Pass    |
|                 |            | 2617.5          | 25            | 0      | 4.544                        | /     | Pass    |
| 10              | QPSK       | 2575            | 50            | 0      | 9.026                        | /     | Pass    |
|                 |            | 2595            | 50            | 0      | 9.021                        | /     | Pass    |
|                 |            | 2615            | 50            | 0      | 9.040                        | /     | Pass    |
|                 | 16QAM      | 2575            | 50            | 0      | 9.028                        | /     | Pass    |
|                 |            | 2595            | 50            | 0      | 9.015                        | /     | Pass    |
|                 |            | 2615            | 50            | 0      | 9.023                        | /     | Pass    |
| 15              | QPSK       | 2577.5          | 75            | 0      | 13.561                       | /     | Pass    |
|                 |            | 2595            | 75            | 0      | 13.547                       | /     | Pass    |
|                 |            | 2612.5          | 75            | 0      | 13.520                       | /     | Pass    |
|                 | 16QAM      | 2577.5          | 75            | 0      | 13.507                       | /     | Pass    |
|                 |            | 2595            | 75            | 0      | 13.515                       | /     | Pass    |
|                 |            | 2612.5          | 75            | 0      | 13.583                       | /     | Pass    |
| 20              | QPSK       | 2580            | 100           | 0      | 18.066                       | /     | Pass    |
|                 |            | 2595            | 100           | 0      | 18.052                       | /     | Pass    |
|                 |            | 2610            | 100           | 0      | 18.055                       | /     | Pass    |
|                 | 16QAM      | 2580            | 100           | 0      | 18.040                       | /     | Pass    |
|                 |            | 2595            | 100           | 0      | 18.073                       | /     | Pass    |
|                 |            | 2610            | 100           | 0      | 18.119                       | /     | Pass    |

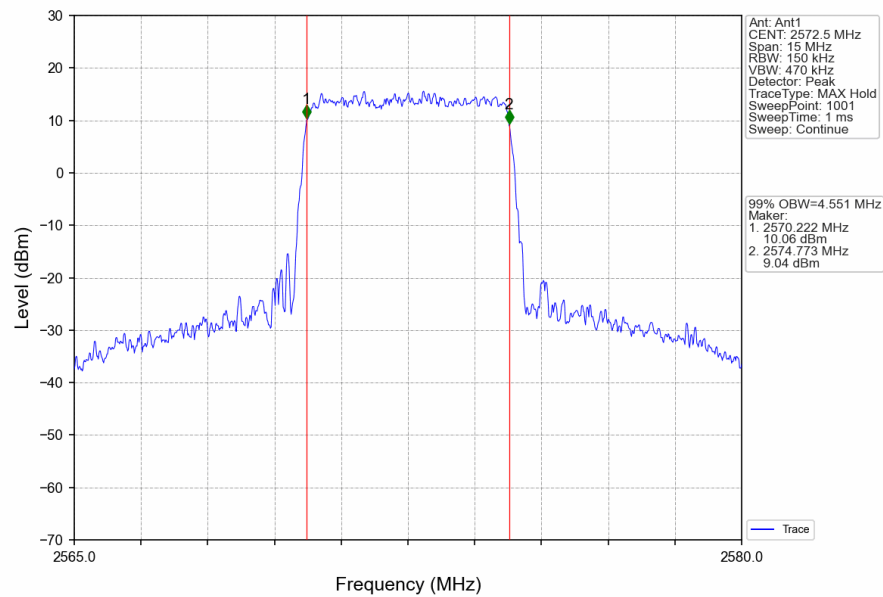
1.1.2 Test Graph



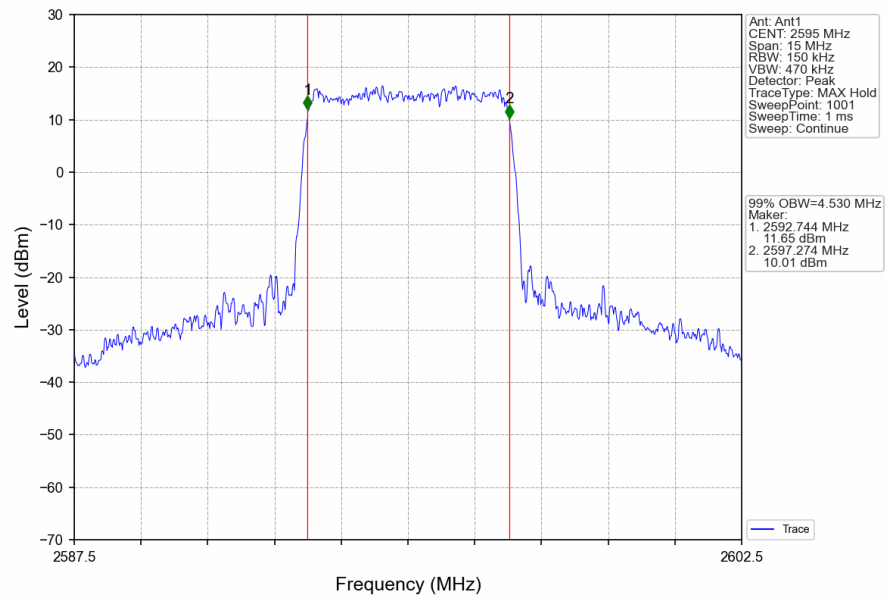
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



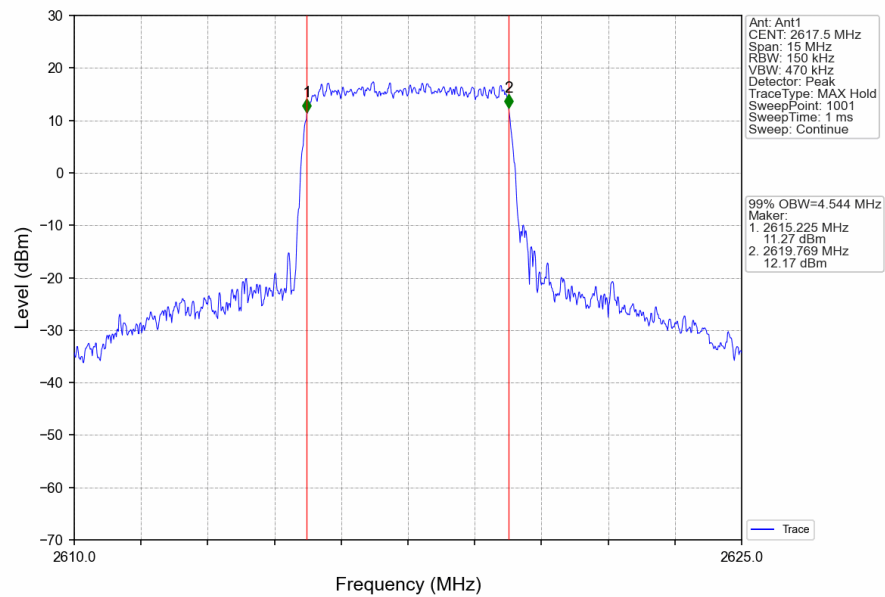
Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV



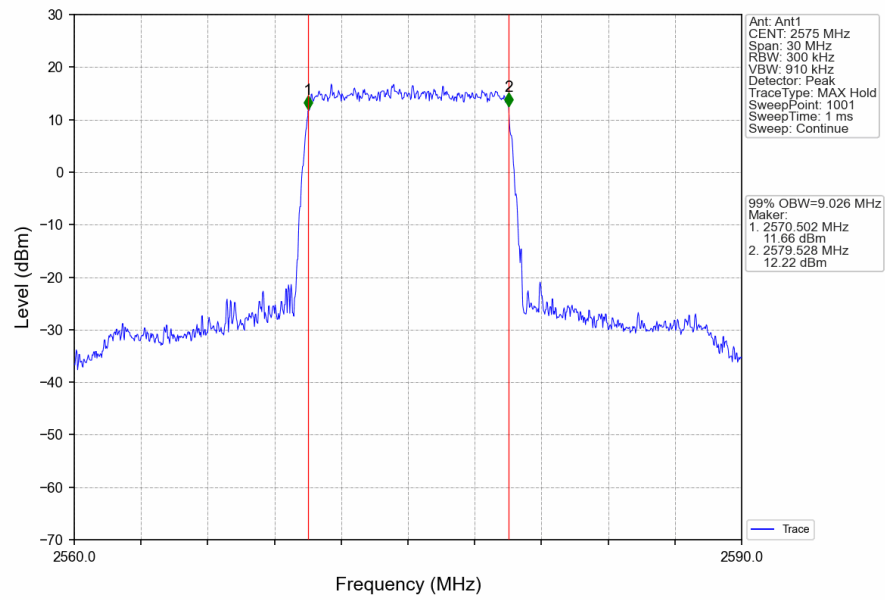
Band38 5MHz 16QAM MCH 2595MHz RB 25 0 NTNV



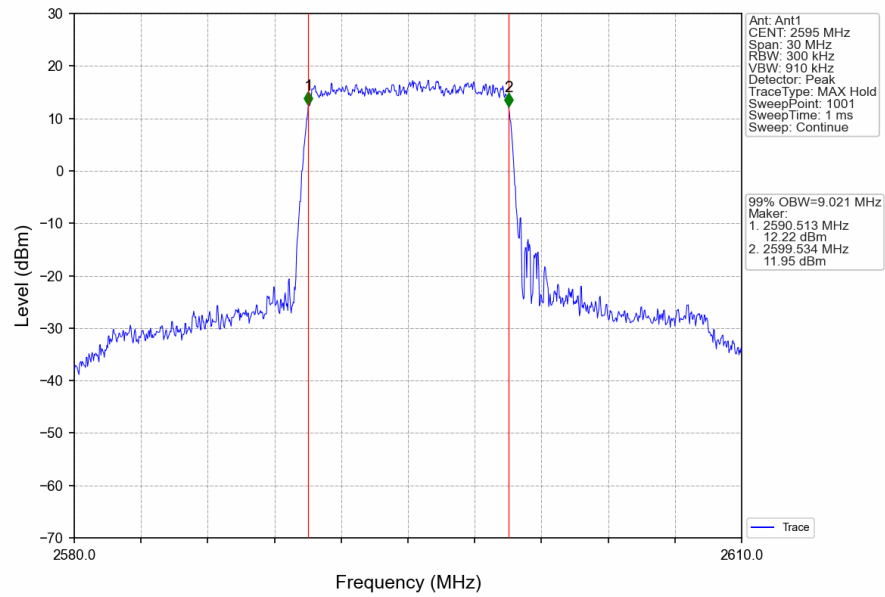
Band38 5MHz 16QAM HCH 2617.5MHz RB 25 0 NTNV



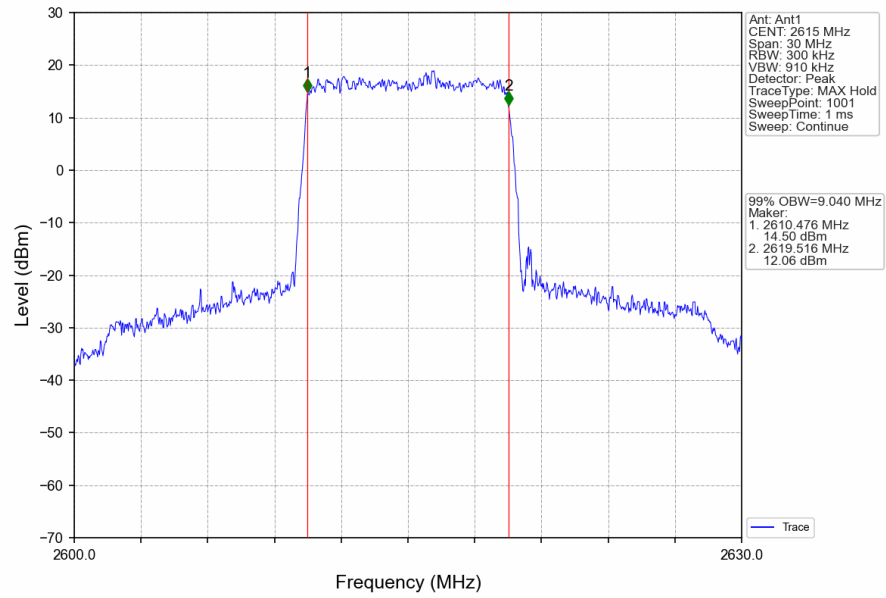
# Band38\_10MHz\_QPSK\_LCH\_2575MHz\_RB\_50\_0\_NTNV



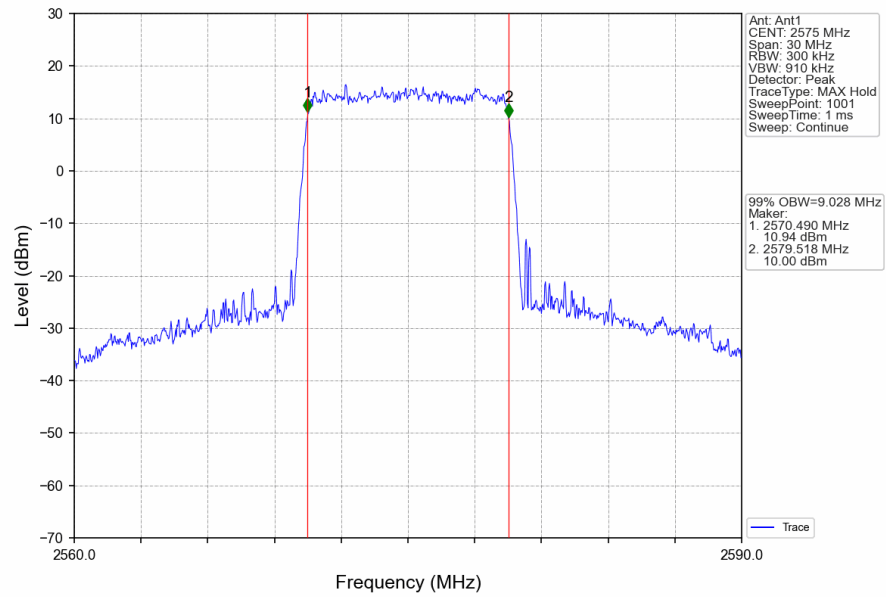
# Band38\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_50\_0\_NTNV



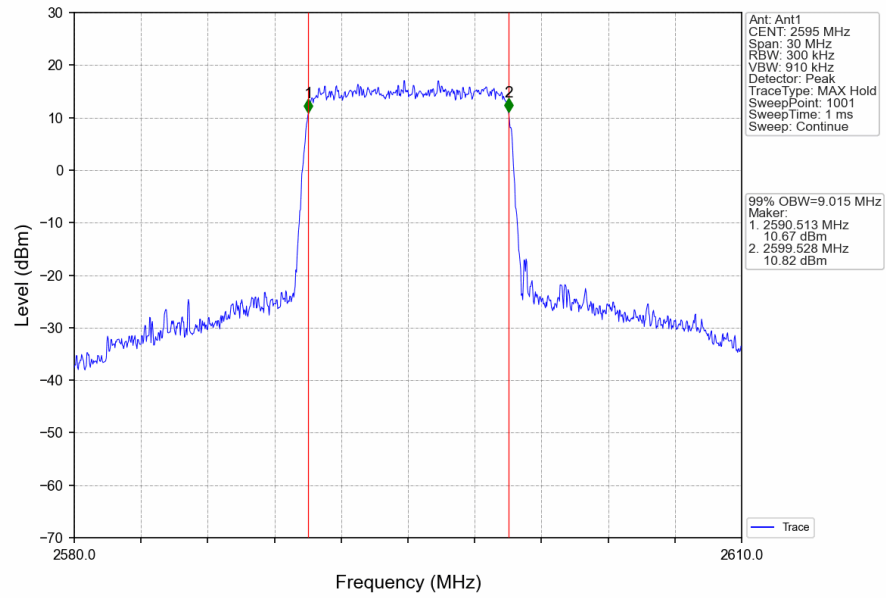
Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_50\_0\_NTNV



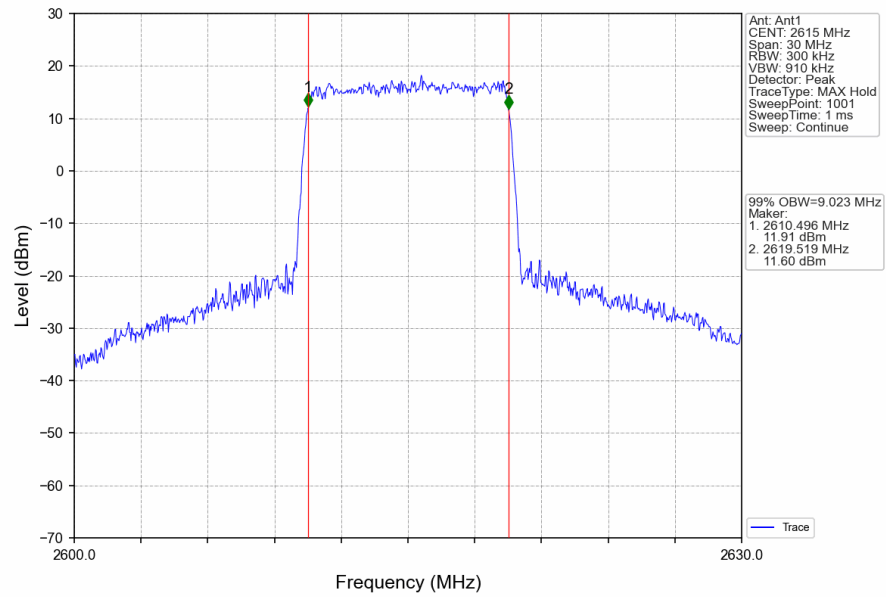
Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_50\_0\_NTNV



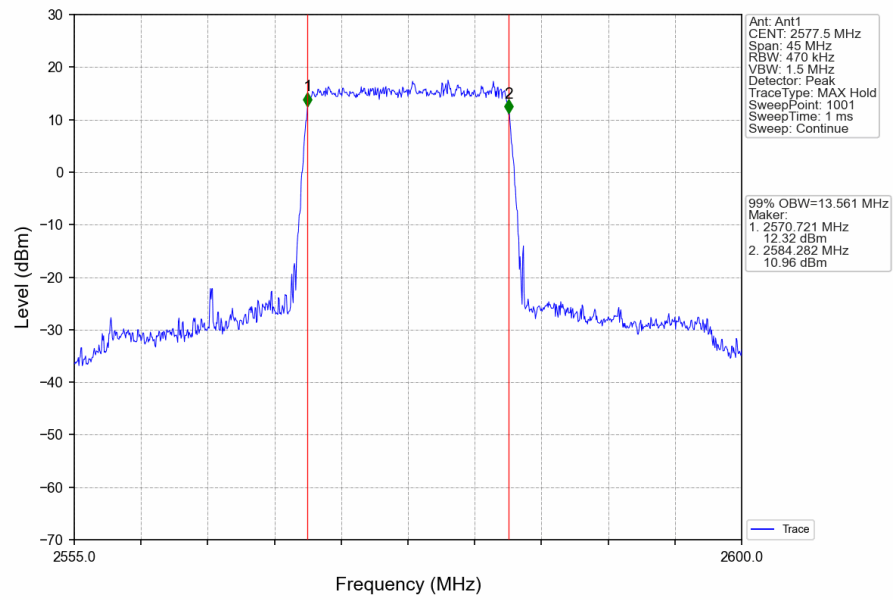
Band38\_10MHz\_16QAM\_MCH\_2595MHz\_RB\_50\_0\_NTNV



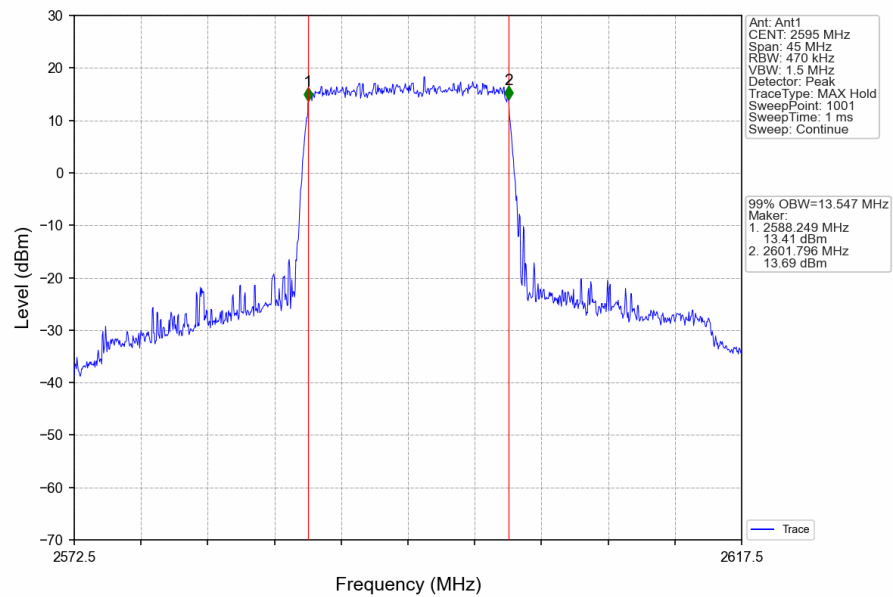
Band38\_10MHz\_16QAM\_HCH\_2615MHz\_RB\_50\_0\_NTNV



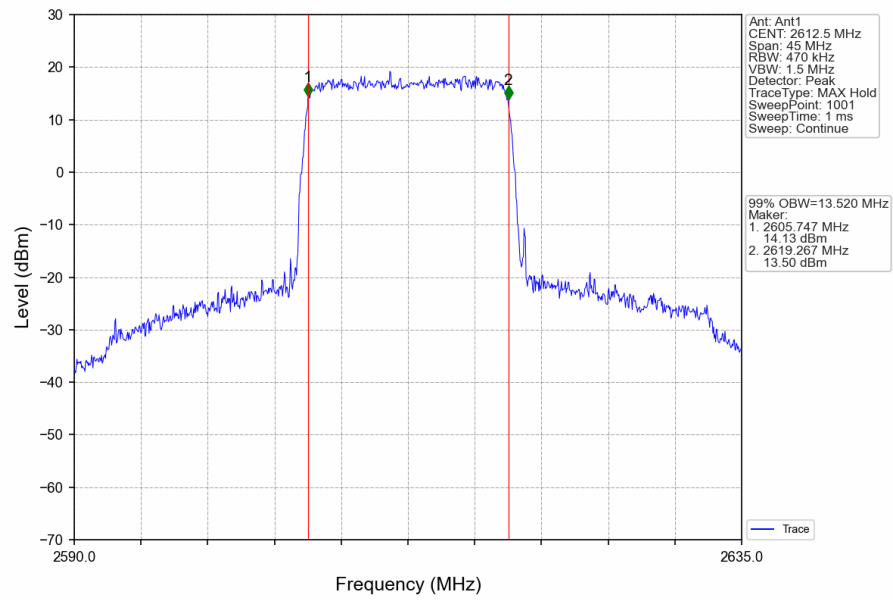
# Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTN



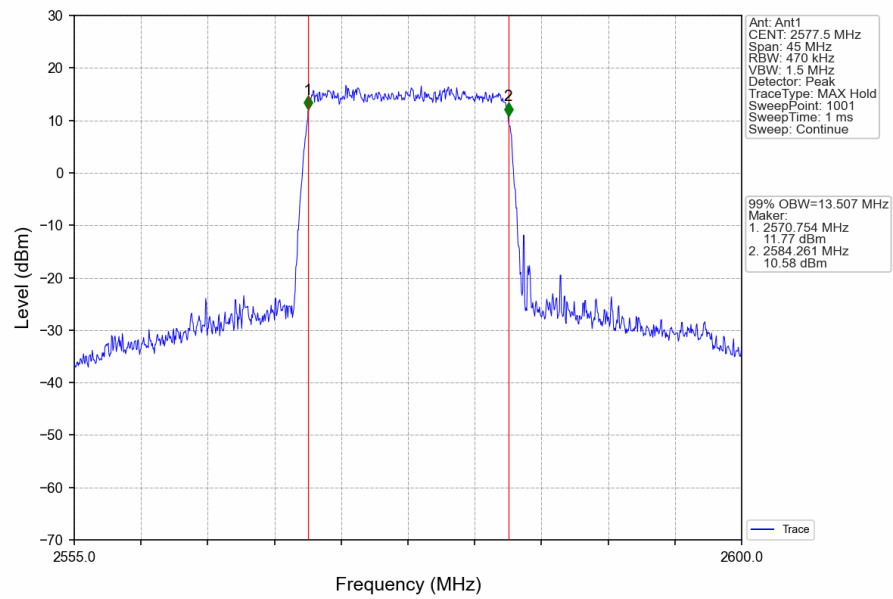
# Band38 15MHz QPSK MCH 2595MHz RB 75 0 NTN



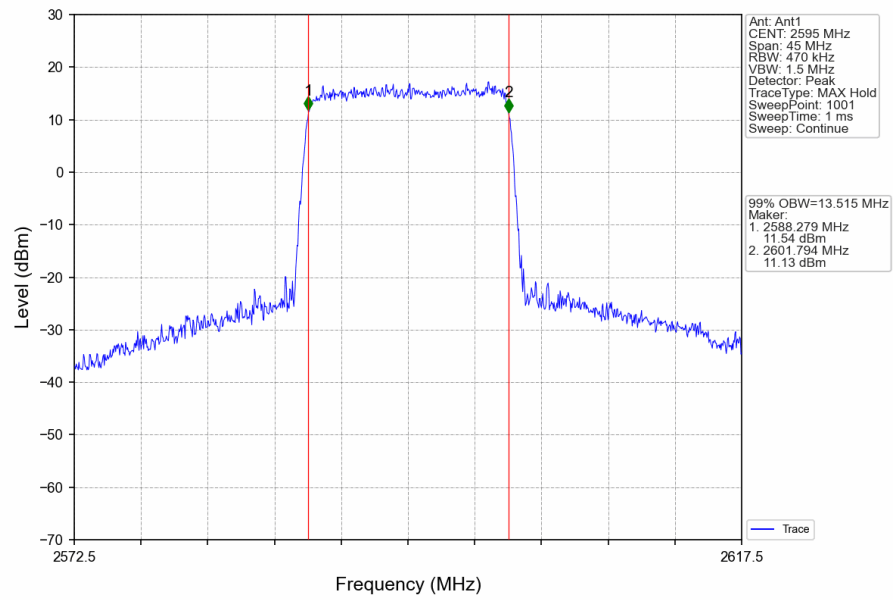
Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_75\_0\_NTNV



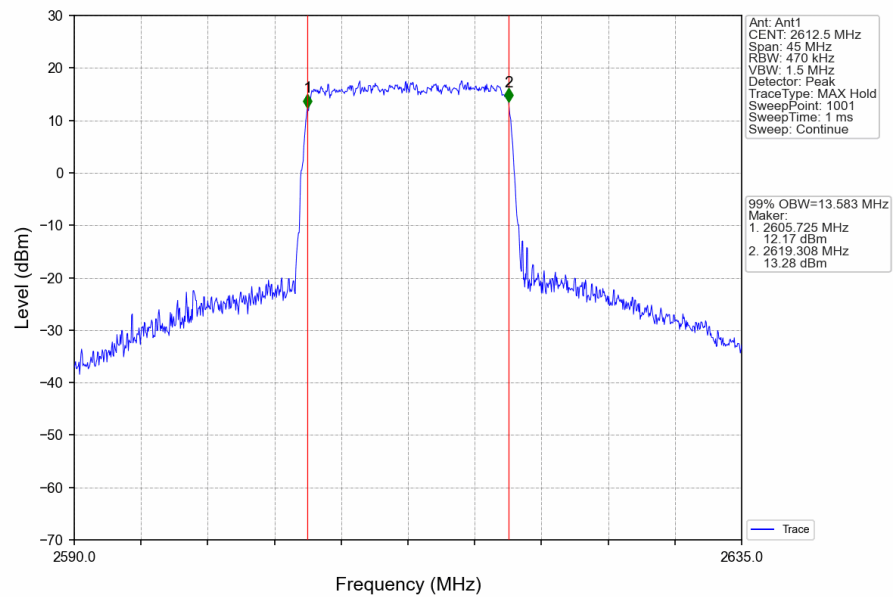
Band38\_15MHz\_16QAM\_LCH\_2577.5MHz\_RB\_75\_0\_NTNV



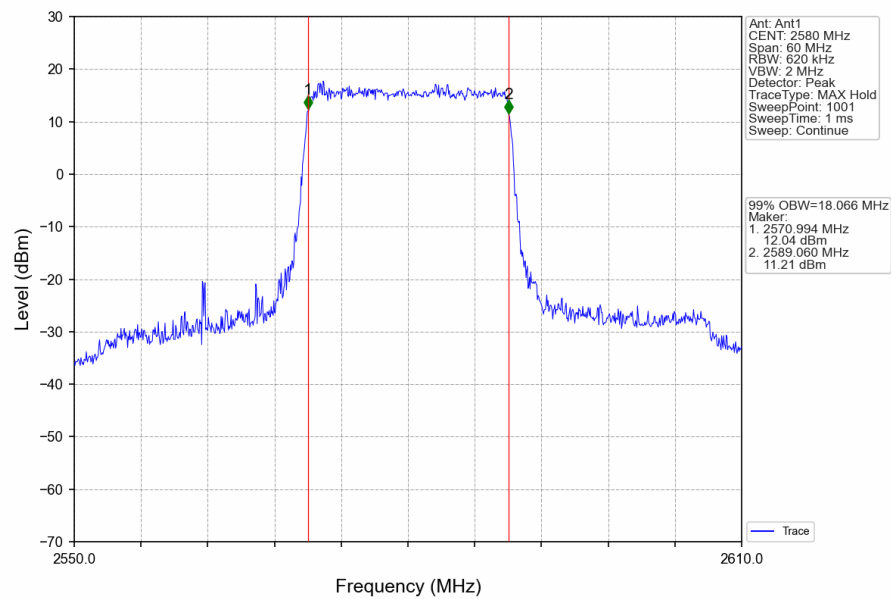
Band38\_15MHz\_16QAM\_MCH\_2595MHz\_RB\_75\_0\_NTNV



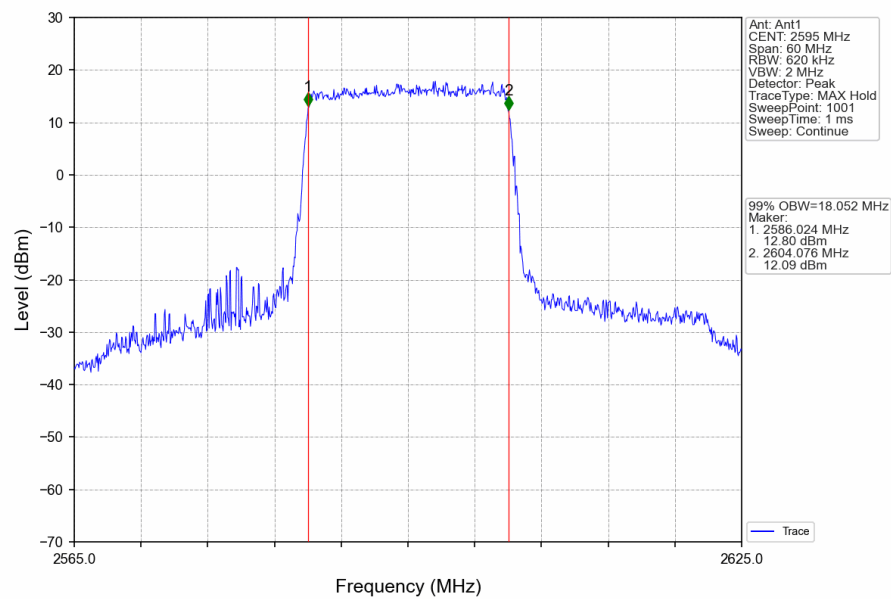
Band38\_15MHz\_16QAM\_HCH\_2612.5MHz\_RB\_75\_0\_NTNV



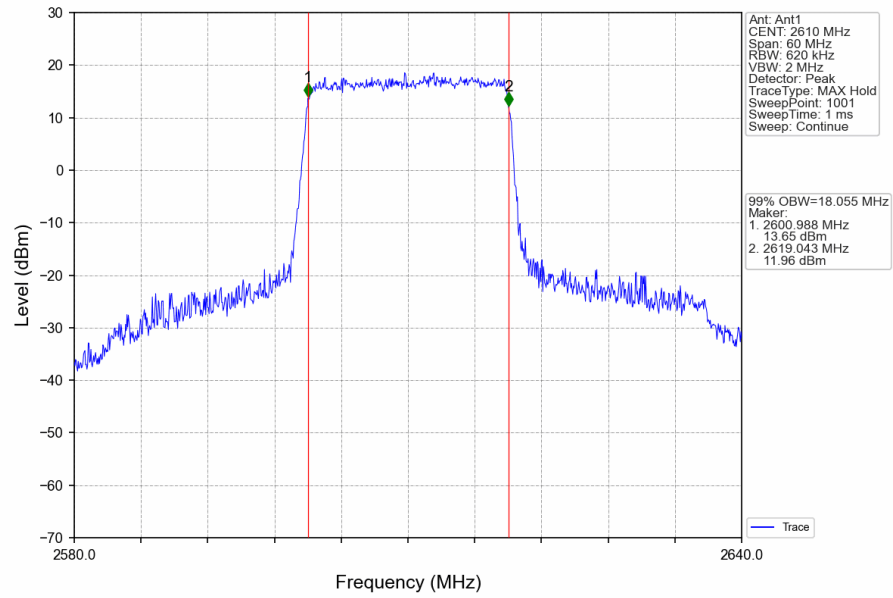
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTN



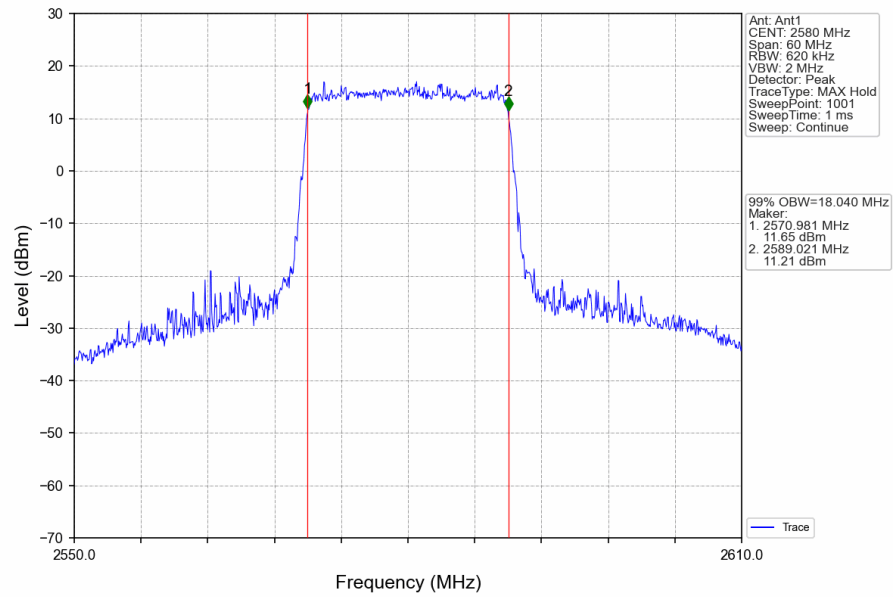
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTN



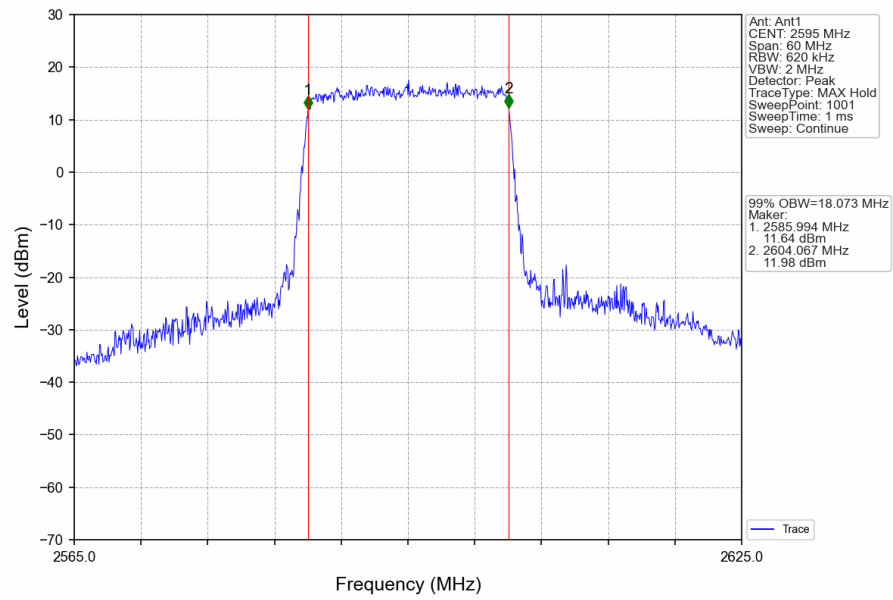
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTN



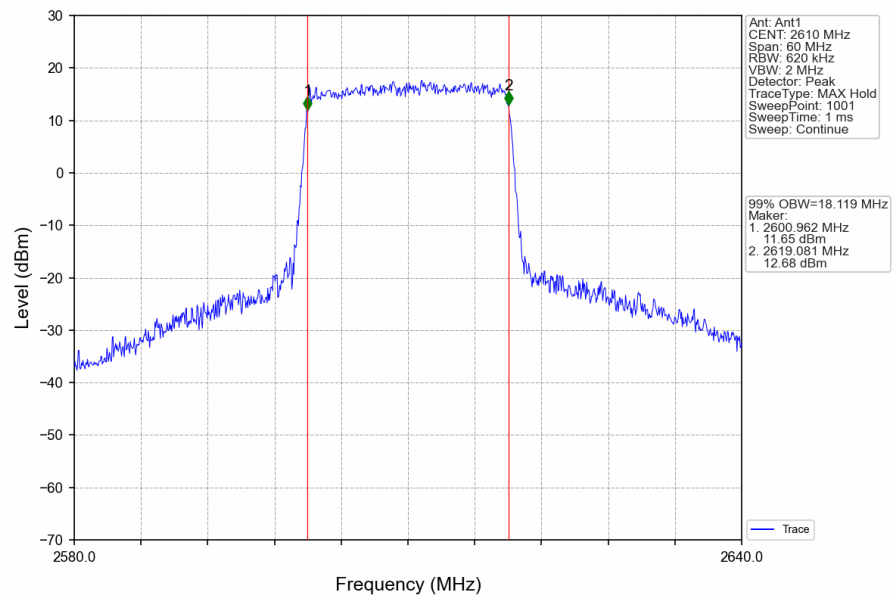
Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTN



Band38\_20MHz\_16QAM\_MCH\_2595MHz\_RB\_100\_0\_NTNV



Band38\_20MHz\_16QAM\_HCH\_2610MHz\_RB\_100\_0\_NTNV

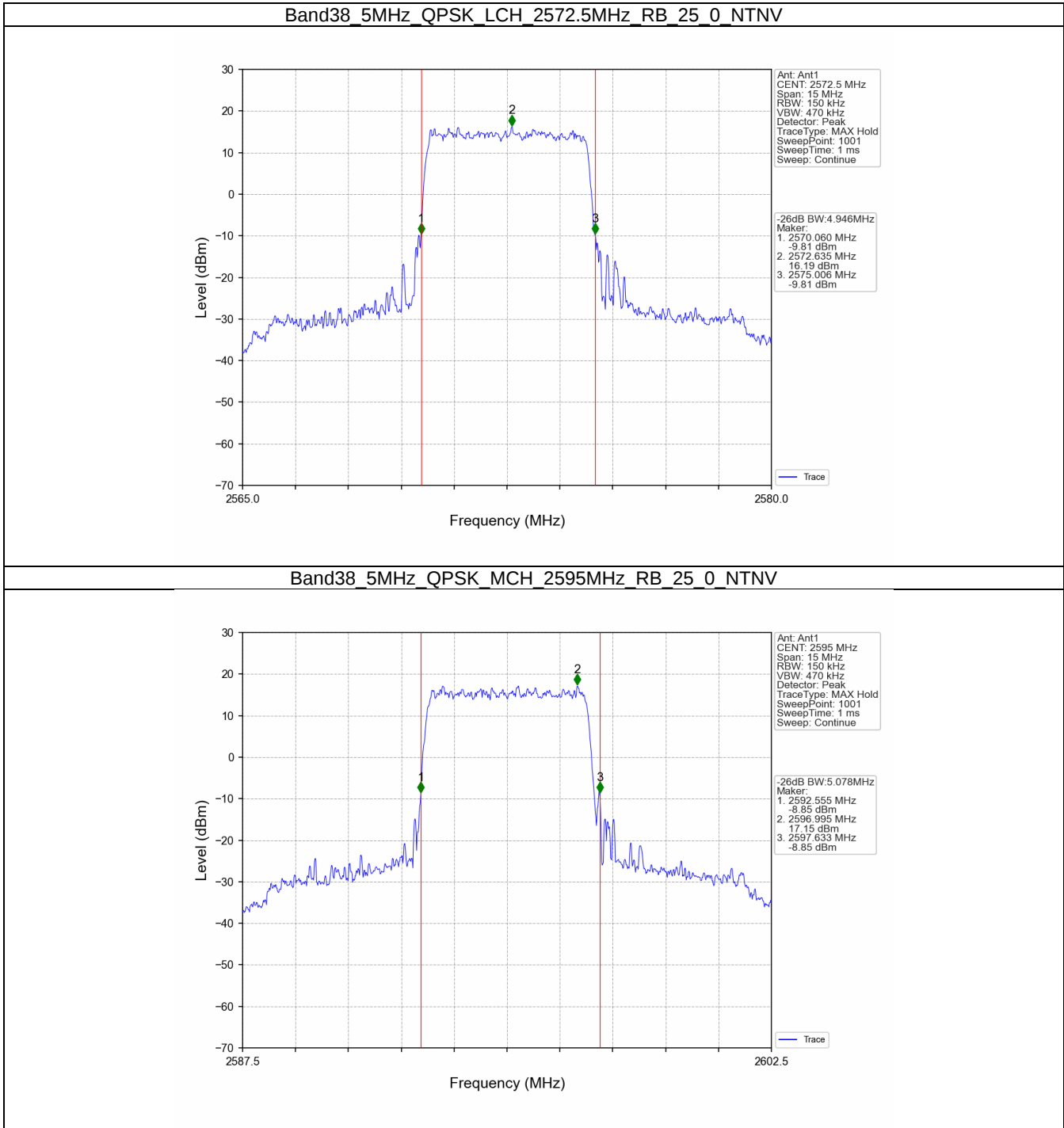


## 1.2 Band38\_XDB

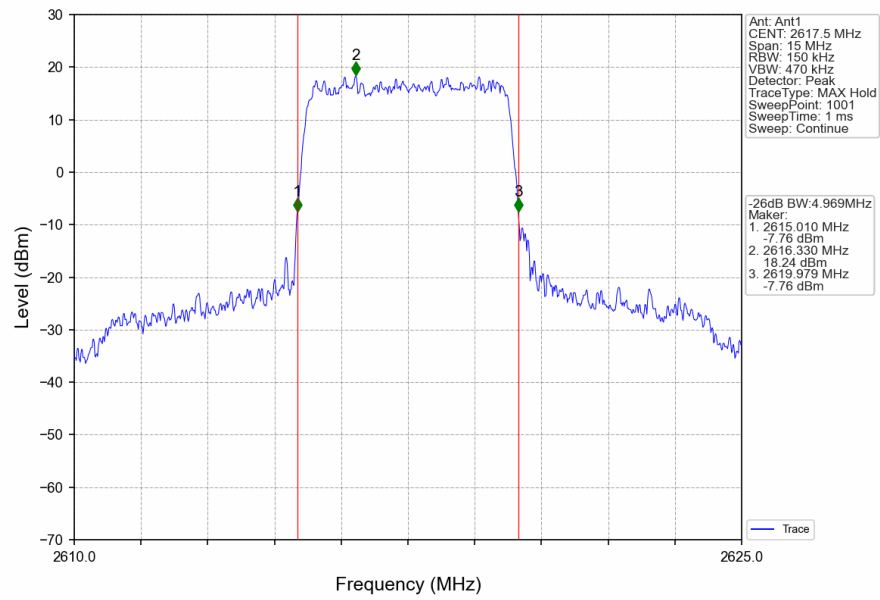
### 1.2.1 Test Result

| Band: 38 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 2572.5          | 25            | 0      | 4.946                | /     | Pass    |
|                 |            | 2595            | 25            | 0      | 5.078                | /     | Pass    |
|                 |            | 2617.5          | 25            | 0      | 4.969                | /     | Pass    |
|                 | 16QAM      | 2572.5          | 25            | 0      | 4.983                | /     | Pass    |
|                 |            | 2595            | 25            | 0      | 4.955                | /     | Pass    |
|                 |            | 2617.5          | 25            | 0      | 4.950                | /     | Pass    |
| 10              | QPSK       | 2575            | 50            | 0      | 9.841                | /     | Pass    |
|                 |            | 2595            | 50            | 0      | 9.806                | /     | Pass    |
|                 |            | 2615            | 50            | 0      | 9.873                | /     | Pass    |
|                 | 16QAM      | 2575            | 50            | 0      | 9.812                | /     | Pass    |
|                 |            | 2595            | 50            | 0      | 9.777                | /     | Pass    |
|                 |            | 2615            | 50            | 0      | 9.797                | /     | Pass    |
| 15              | QPSK       | 2577.5          | 75            | 0      | 14.737               | /     | Pass    |
|                 |            | 2595            | 75            | 0      | 14.685               | /     | Pass    |
|                 |            | 2612.5          | 75            | 0      | 14.715               | /     | Pass    |
|                 | 16QAM      | 2577.5          | 75            | 0      | 14.724               | /     | Pass    |
|                 |            | 2595            | 75            | 0      | 14.736               | /     | Pass    |
|                 |            | 2612.5          | 75            | 0      | 14.665               | /     | Pass    |
| 20              | QPSK       | 2580            | 100           | 0      | 19.650               | /     | Pass    |
|                 |            | 2595            | 100           | 0      | 19.948               | /     | Pass    |
|                 |            | 2610            | 100           | 0      | 19.837               | /     | Pass    |
|                 | 16QAM      | 2580            | 100           | 0      | 19.865               | /     | Pass    |
|                 |            | 2595            | 100           | 0      | 19.880               | /     | Pass    |
|                 |            | 2610            | 100           | 0      | 19.721               | /     | Pass    |

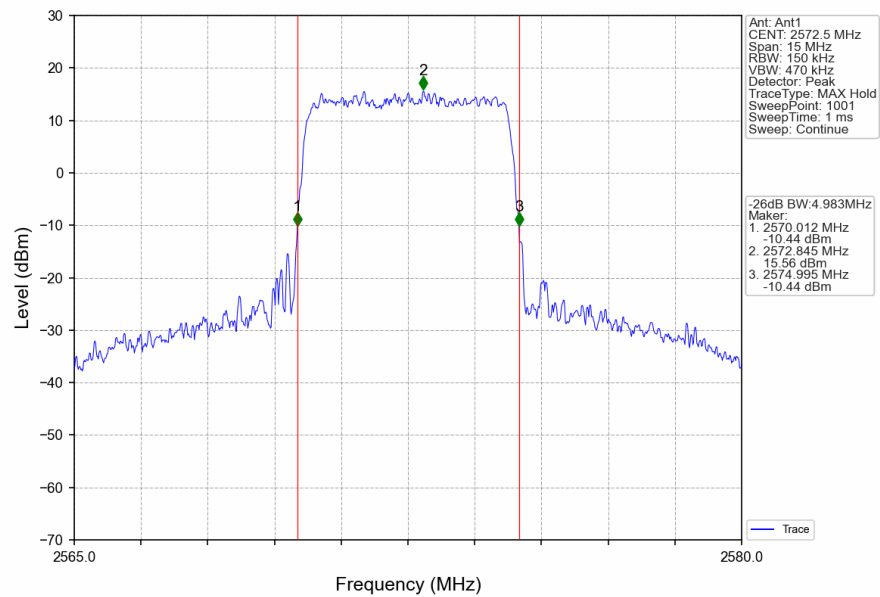
1.2.2 Test Graph



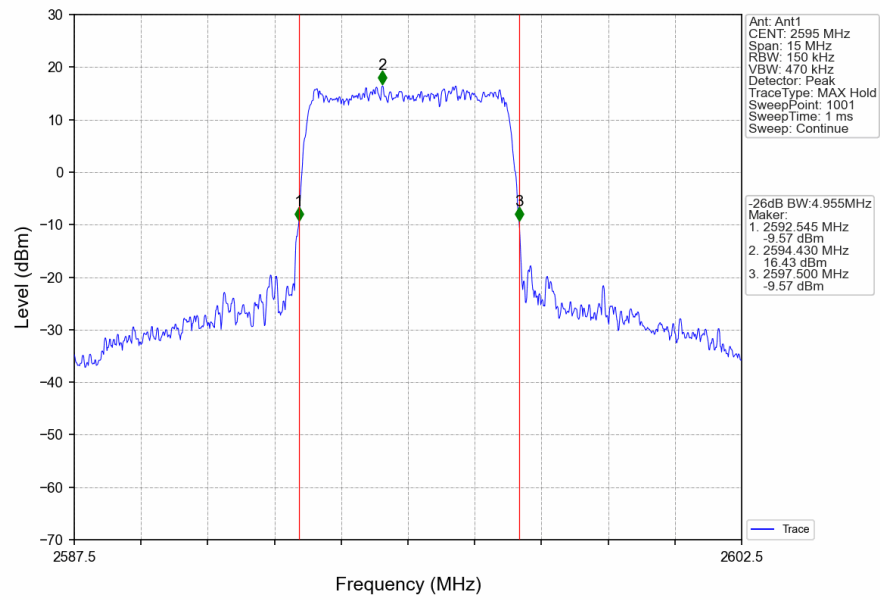
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



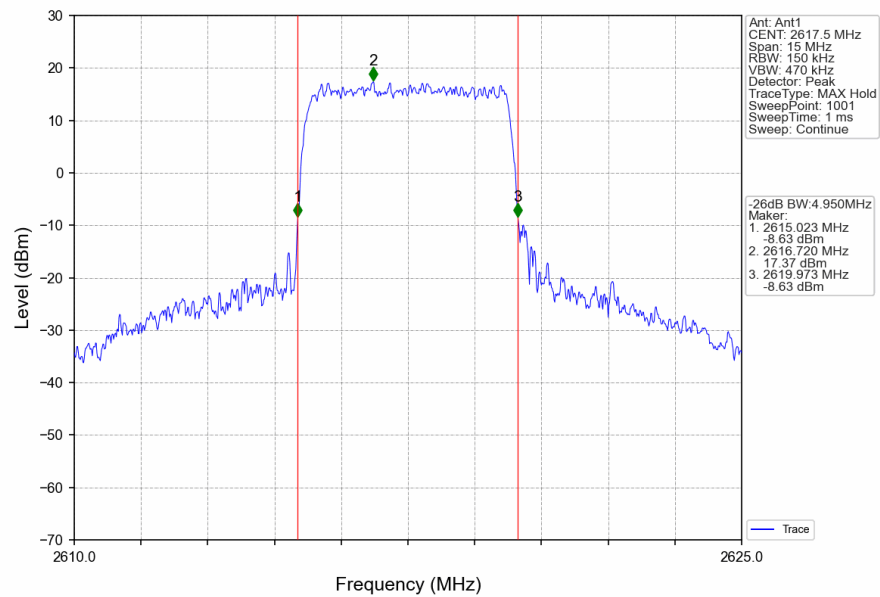
Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV



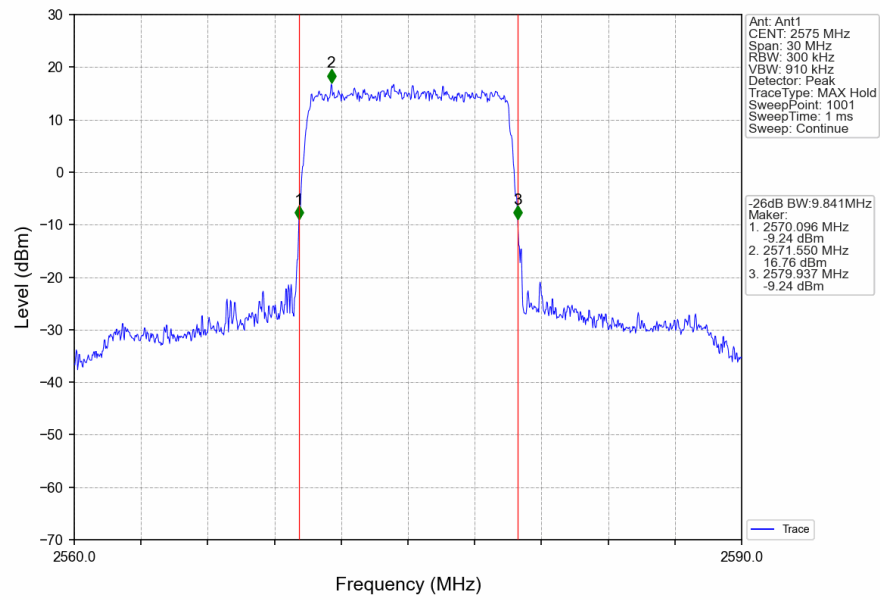
Band38 5MHz 16QAM MCH 2595MHz RB 25 0 NTN



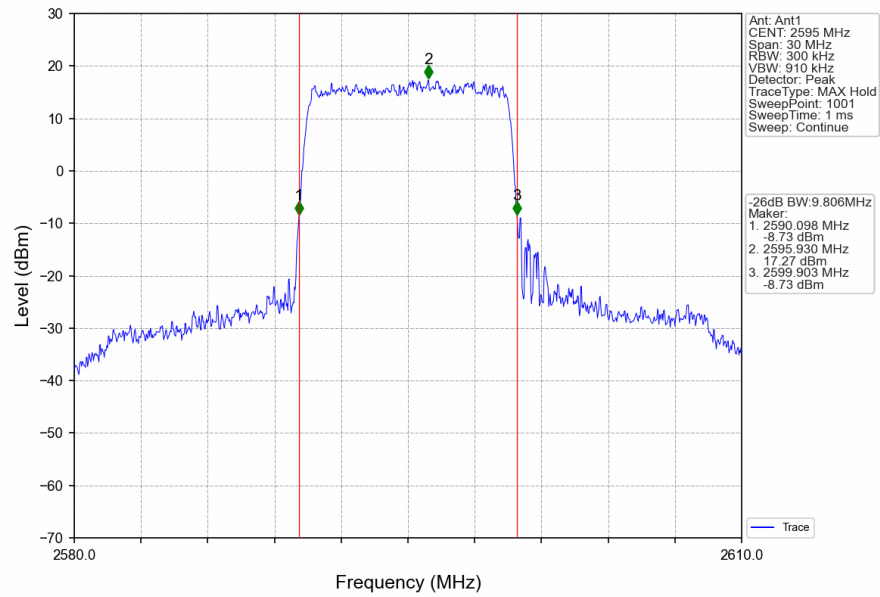
Band38 5MHz 16QAM HCH 2617.5MHz RB 25 0 NTN



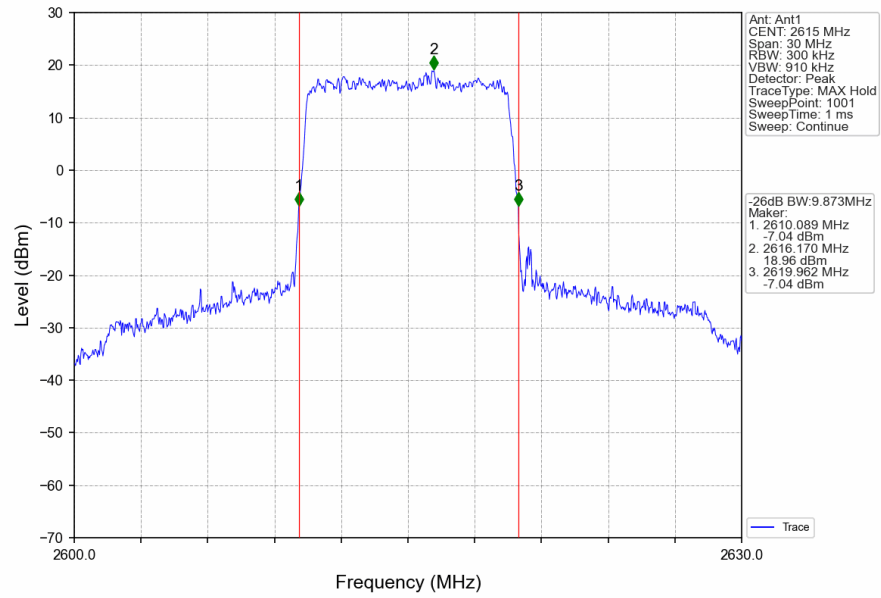
# Band38\_10MHz\_QPSK\_LCH\_2575MHz\_RB\_50\_0\_NTNV



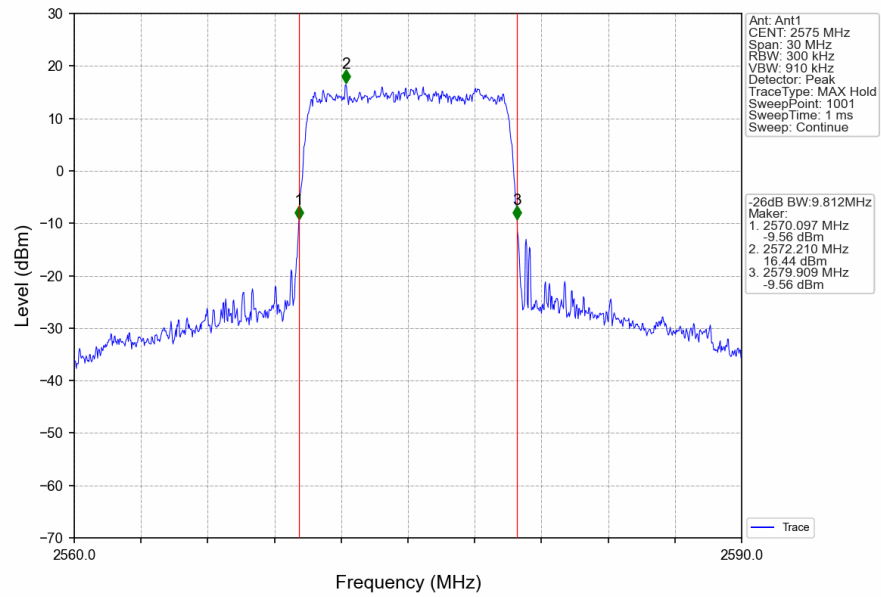
# Band38\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_50\_0\_NTNV



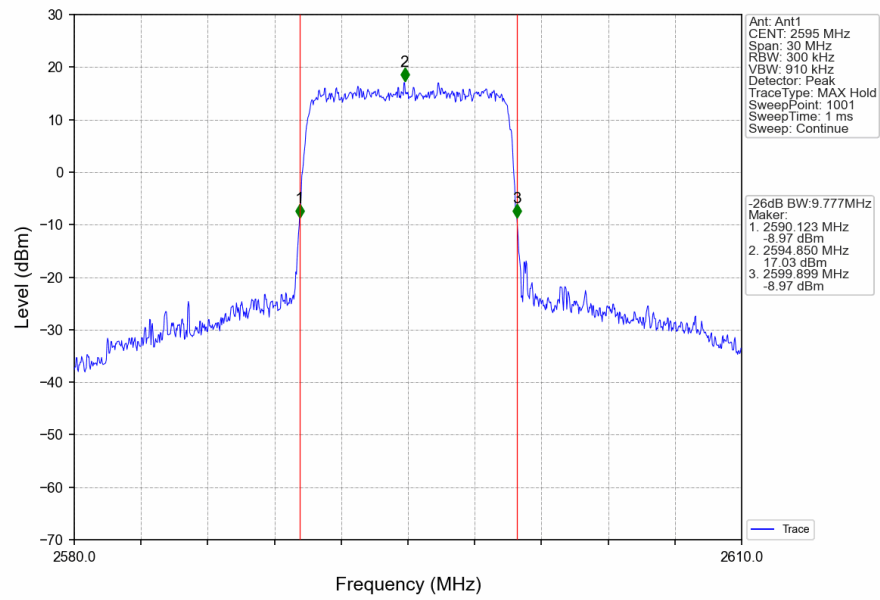
Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_50\_0\_NTNV



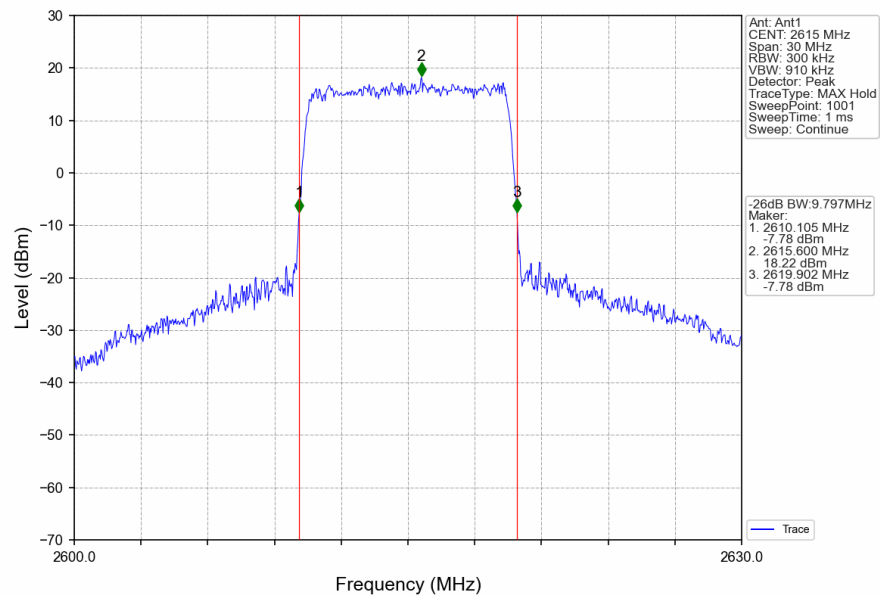
Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_50\_0\_NTNV



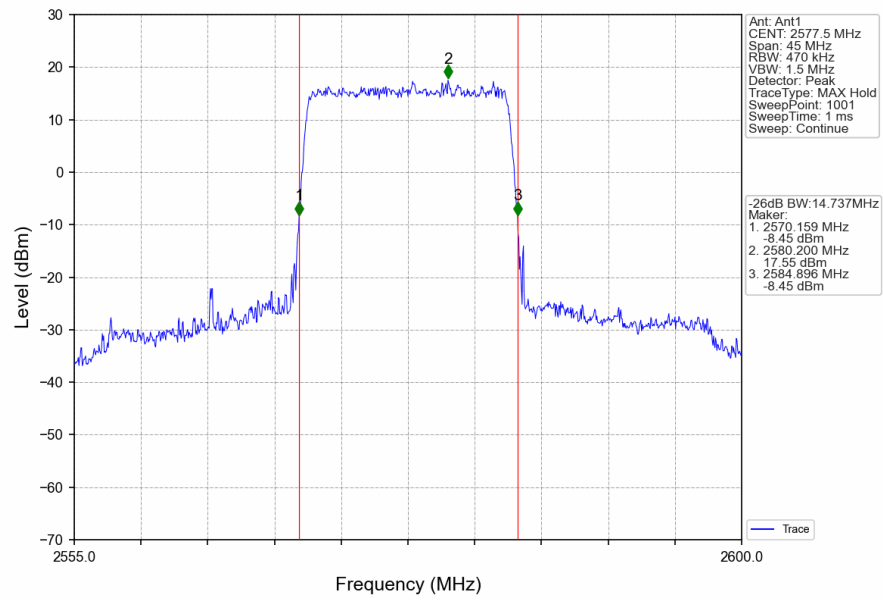
Band38\_10MHz\_16QAM\_MCH\_2595MHz\_RB\_50\_0\_NTNV



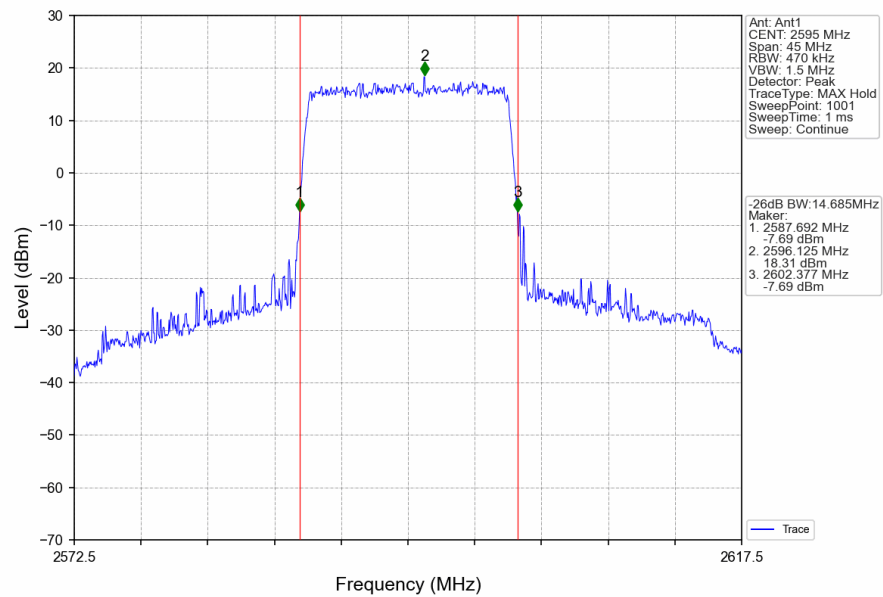
Band38\_10MHz\_16QAM\_HCH\_2615MHz\_RB\_50\_0\_NTNV



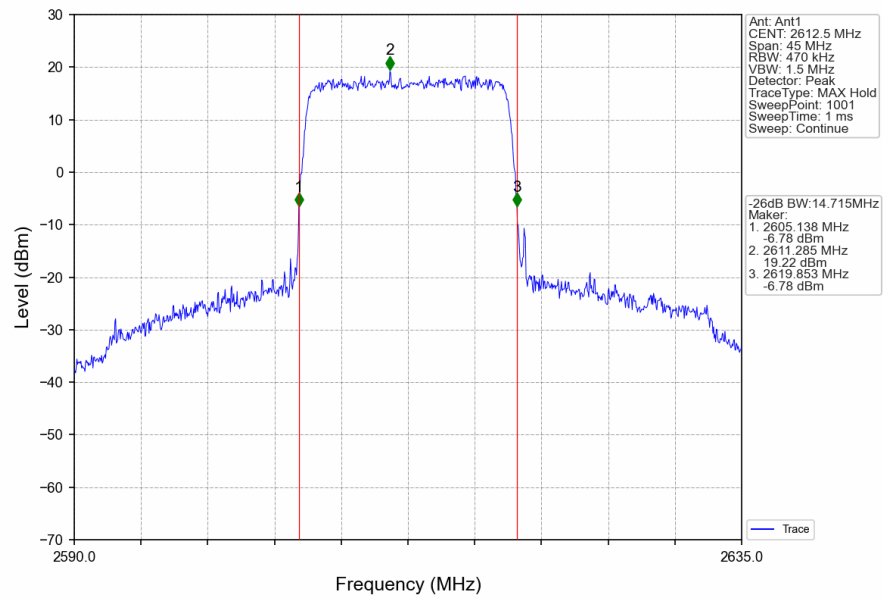
# Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTN



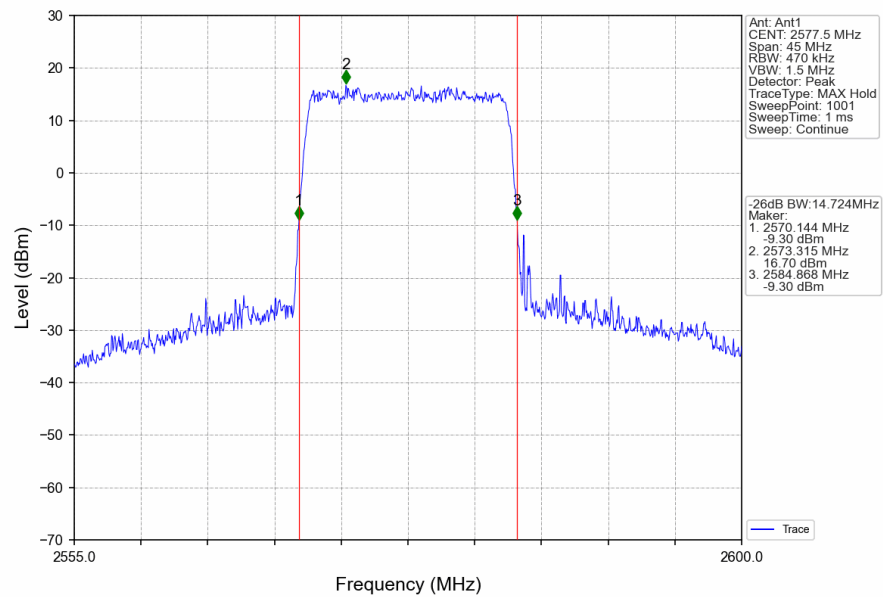
# Band38 15MHz QPSK MCH 2595MHz RB 75 0 NTN



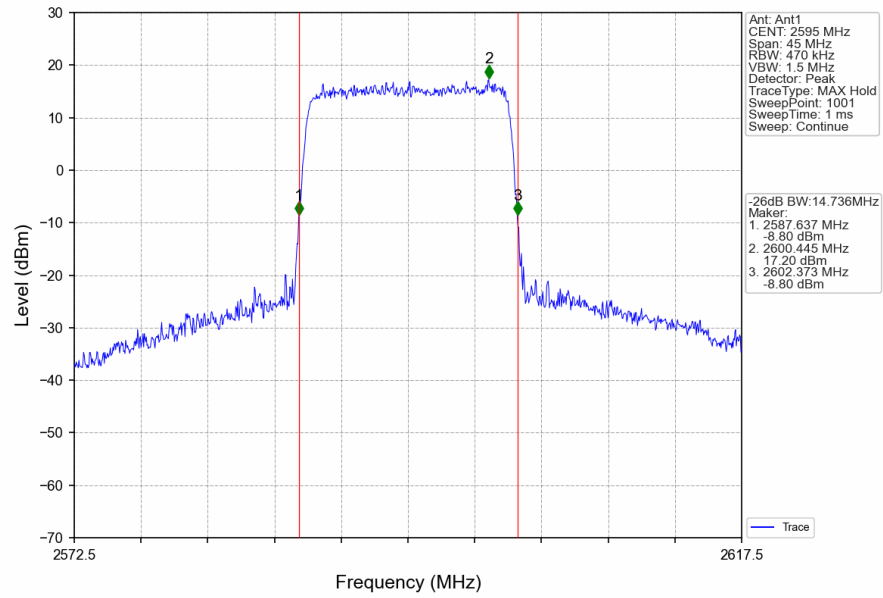
Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_75\_0\_NTNV



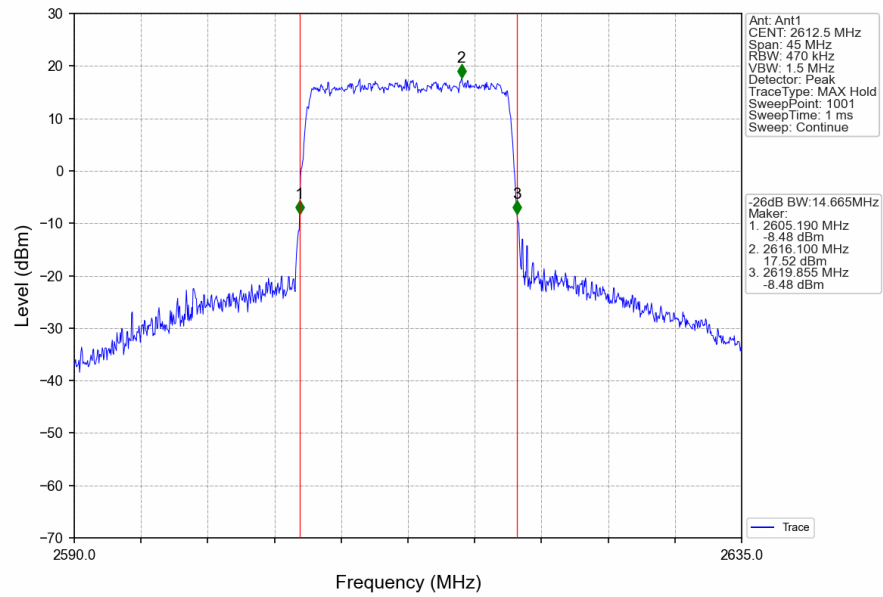
Band38\_15MHz\_16QAM\_LCH\_2577.5MHz\_RB\_75\_0\_NTNV



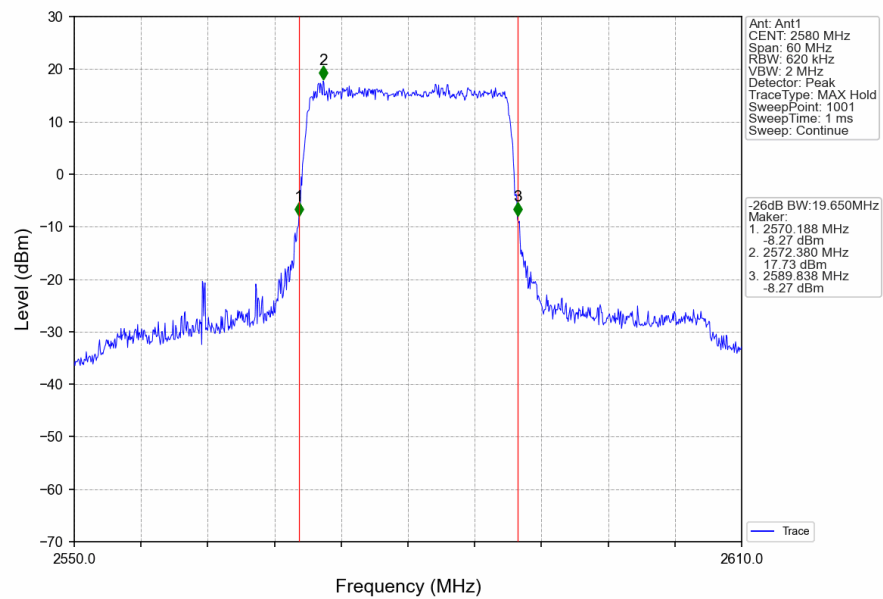
Band38\_15MHz\_16QAM\_MCH\_2595MHz\_RB\_75\_0\_NTNV



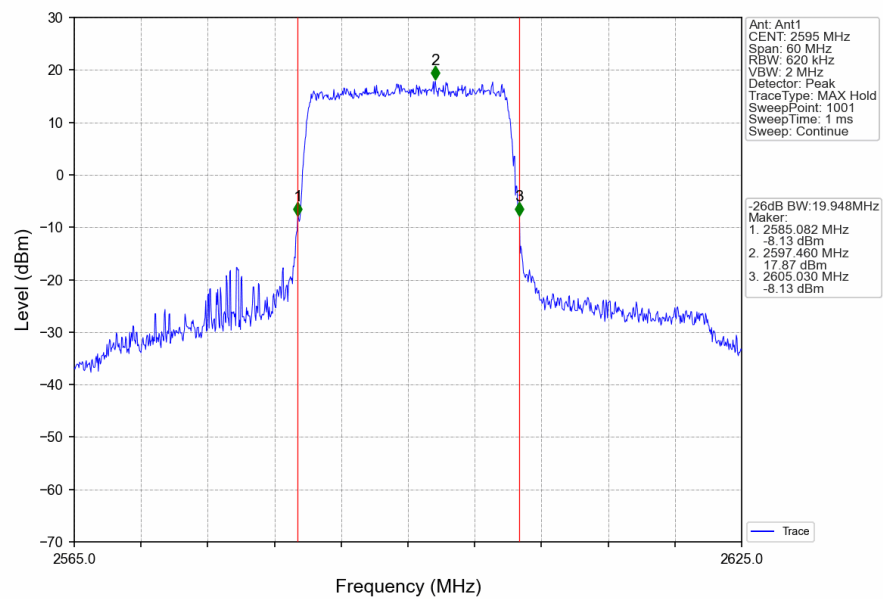
Band38\_15MHz\_16QAM\_HCH\_2612.5MHz\_RB\_75\_0\_NTNV



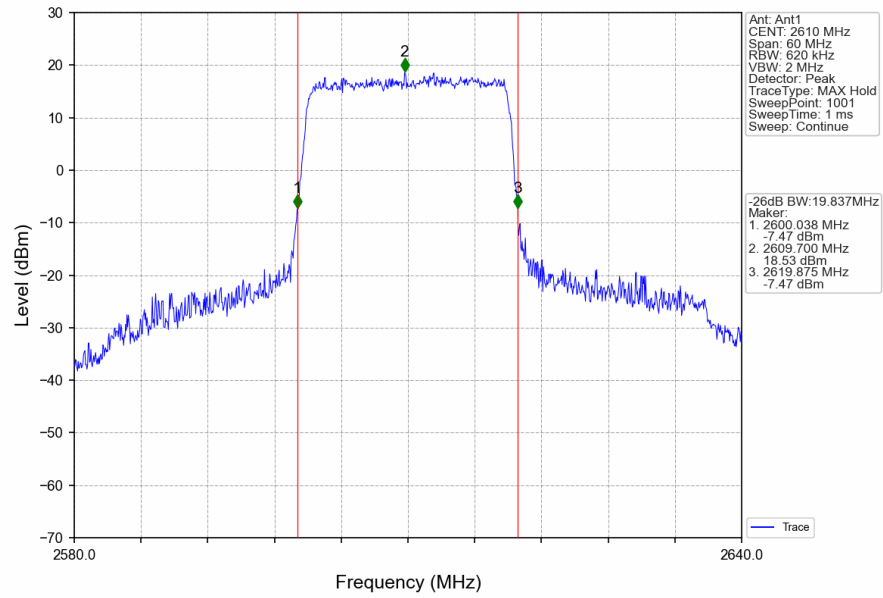
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTN



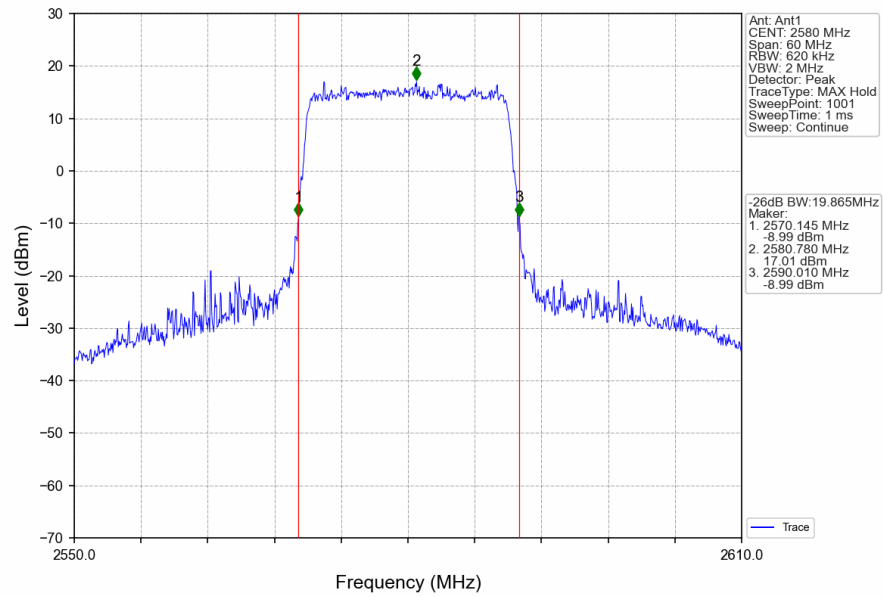
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTN



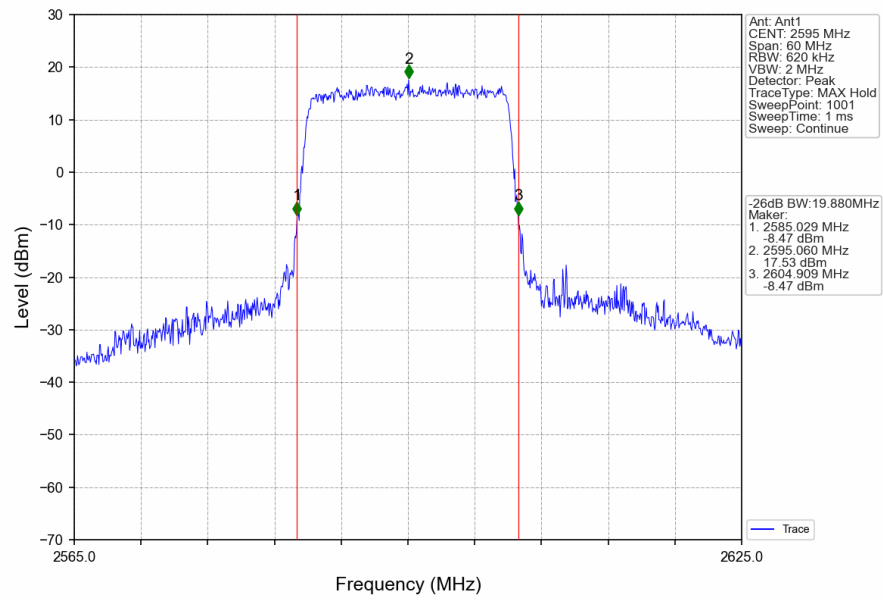
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTN



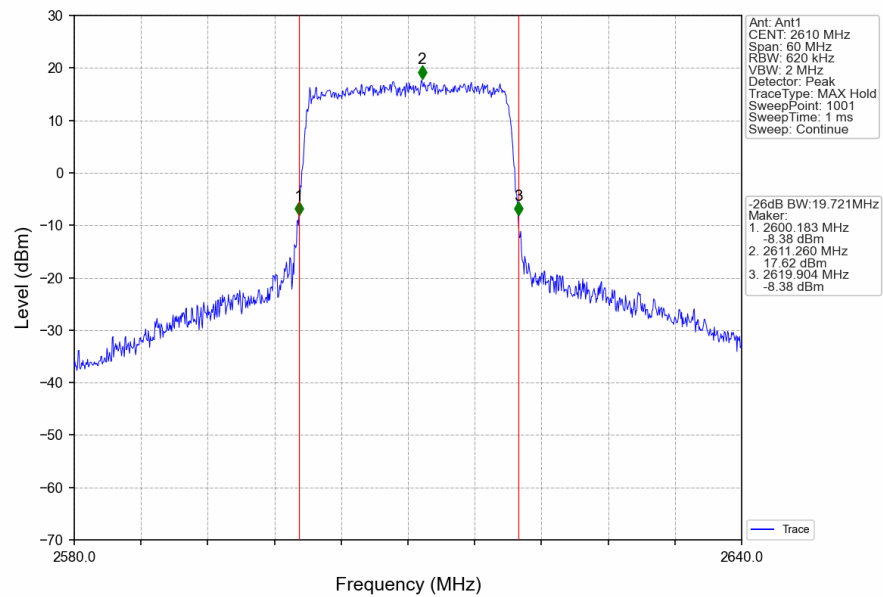
Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTN



Band38\_20MHz\_16QAM\_MCH\_2595MHz\_RB\_100\_0\_NTNV



Band38\_20MHz\_16QAM\_HCH\_2610MHz\_RB\_100\_0\_NTNV



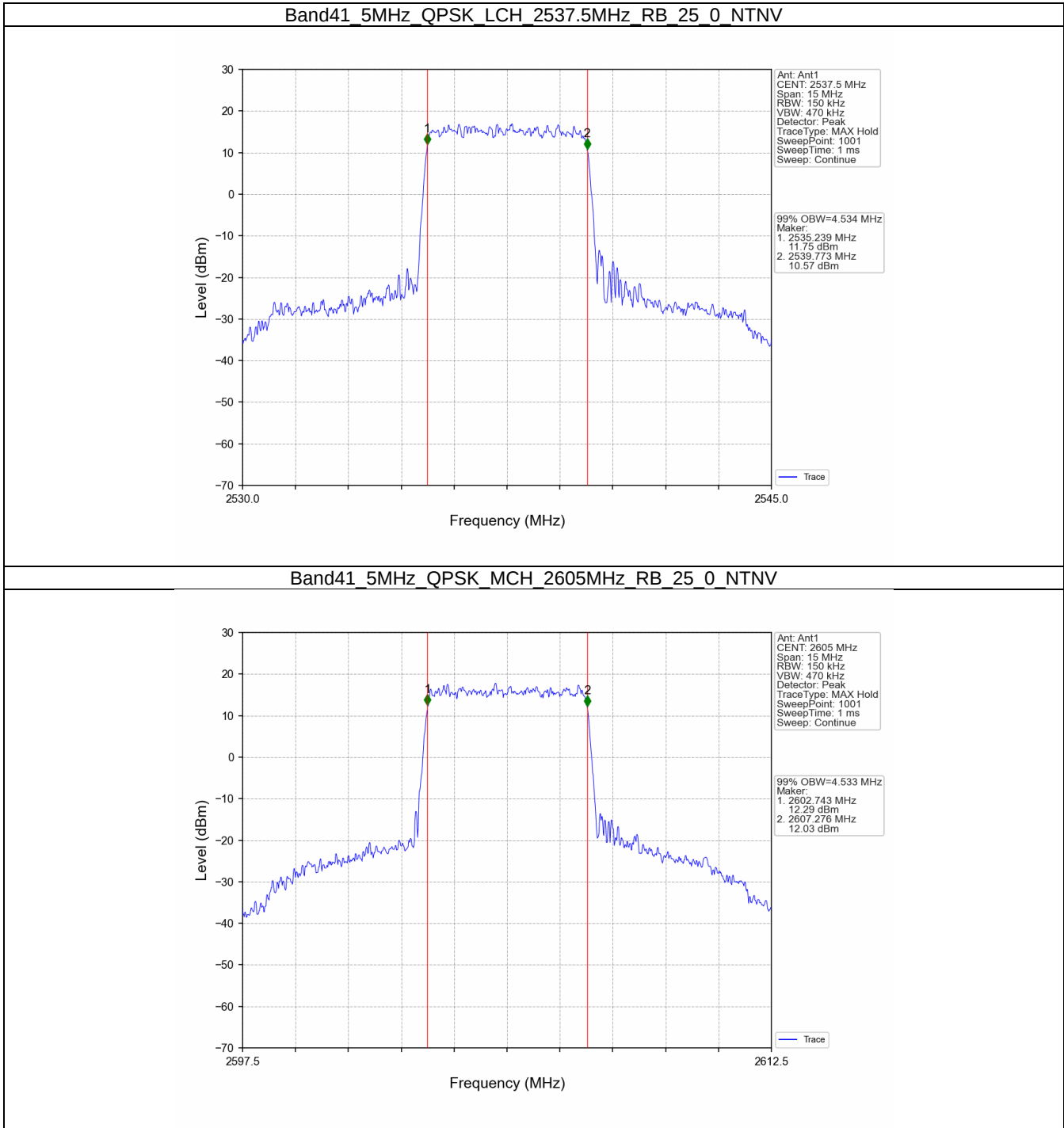
## 2. 99% & 26dB Bandwidth

### 2.1 Band41\_OBW

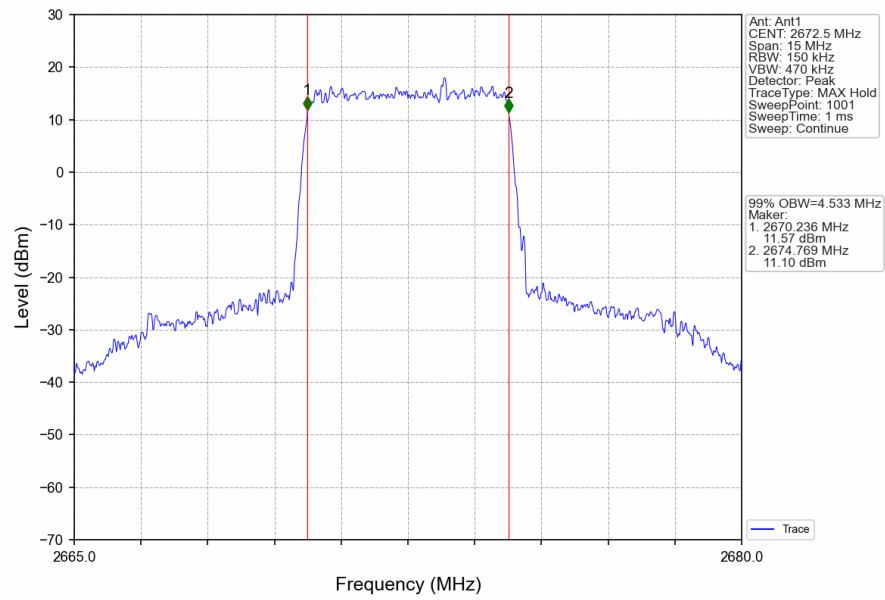
#### 2.1.1 Test Result

| Band: 41 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 5               | QPSK       | 2537.5          | 25            | 0      | 4.534                        | /     | Pass    |
|                 |            | 2605            | 25            | 0      | 4.533                        | /     | Pass    |
|                 |            | 2672.5          | 25            | 0      | 4.533                        | /     | Pass    |
|                 | 16QAM      | 2537.5          | 25            | 0      | 4.542                        | /     | Pass    |
|                 |            | 2605            | 25            | 0      | 4.513                        | /     | Pass    |
|                 |            | 2672.5          | 25            | 0      | 4.542                        | /     | Pass    |
| 10              | QPSK       | 2540            | 50            | 0      | 9.042                        | /     | Pass    |
|                 |            | 2605            | 50            | 0      | 9.021                        | /     | Pass    |
|                 |            | 2670            | 50            | 0      | 9.015                        | /     | Pass    |
|                 | 16QAM      | 2540            | 50            | 0      | 9.074                        | /     | Pass    |
|                 |            | 2605            | 50            | 0      | 9.027                        | /     | Pass    |
|                 |            | 2670            | 50            | 0      | 9.021                        | /     | Pass    |
| 15              | QPSK       | 2542.5          | 75            | 0      | 13.560                       | /     | Pass    |
|                 |            | 2605            | 75            | 0      | 13.563                       | /     | Pass    |
|                 |            | 2667.5          | 75            | 0      | 13.516                       | /     | Pass    |
|                 | 16QAM      | 2542.5          | 75            | 0      | 13.542                       | /     | Pass    |
|                 |            | 2605            | 75            | 0      | 13.569                       | /     | Pass    |
|                 |            | 2667.5          | 75            | 0      | 13.596                       | /     | Pass    |
| 20              | QPSK       | 2545            | 100           | 0      | 18.121                       | /     | Pass    |
|                 |            | 2605            | 100           | 0      | 18.042                       | /     | Pass    |
|                 |            | 2665            | 100           | 0      | 18.088                       | /     | Pass    |
|                 | 16QAM      | 2545            | 100           | 0      | 18.035                       | /     | Pass    |
|                 |            | 2605            | 100           | 0      | 18.028                       | /     | Pass    |
|                 |            | 2665            | 100           | 0      | 18.086                       | /     | Pass    |

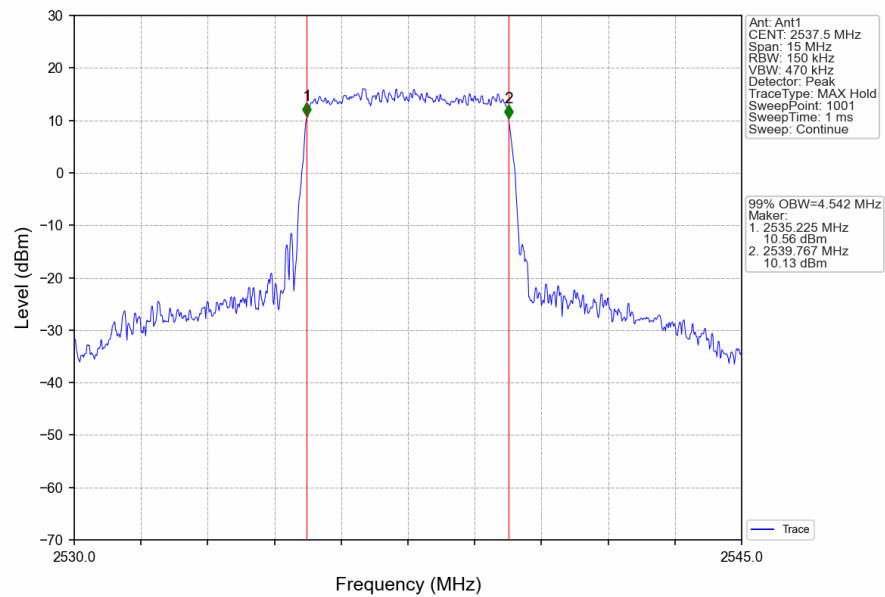
2.1.2 Test Graph



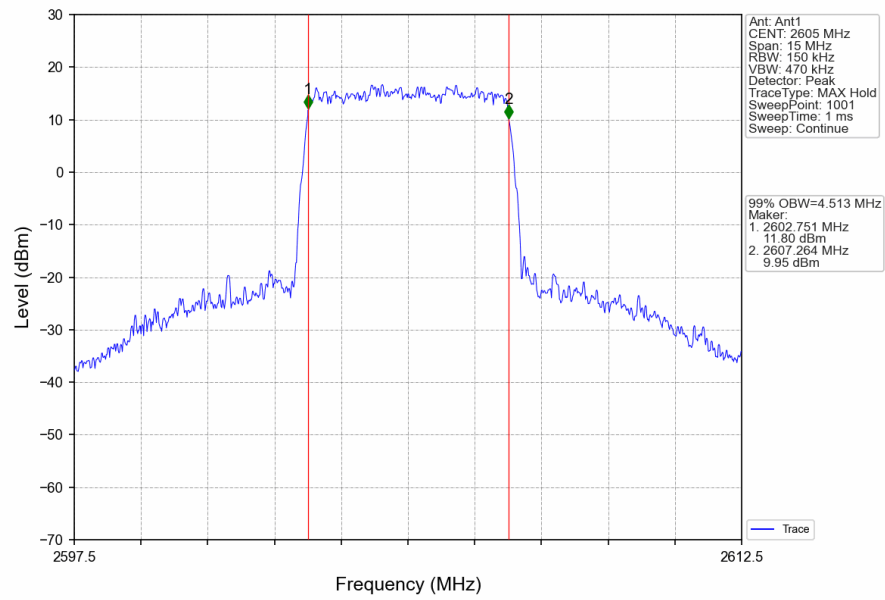
Band41\_5MHz\_QPSK\_HCH\_2672.5MHz\_RB\_25\_0\_NTNV



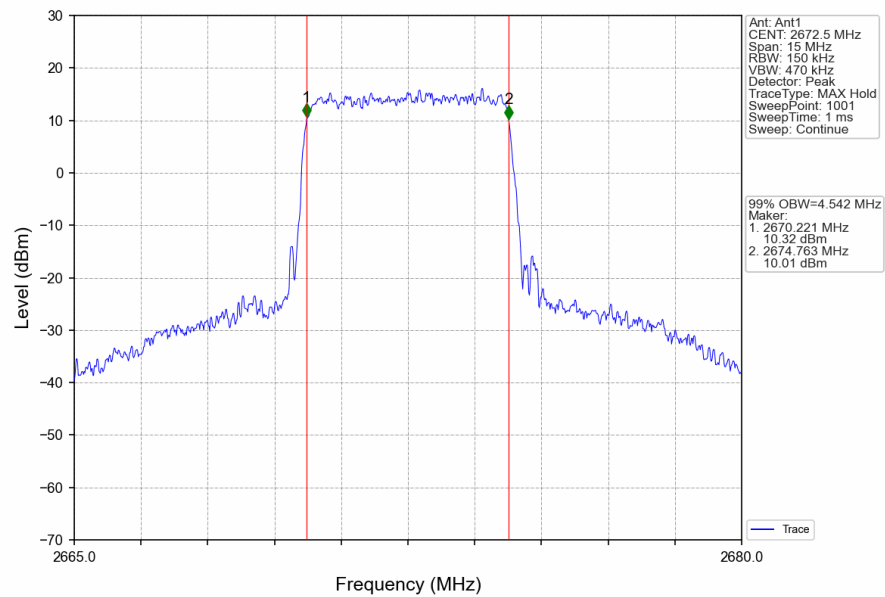
Band41\_5MHz\_16QAM\_LCH\_2537.5MHz\_RB\_25\_0\_NTNV



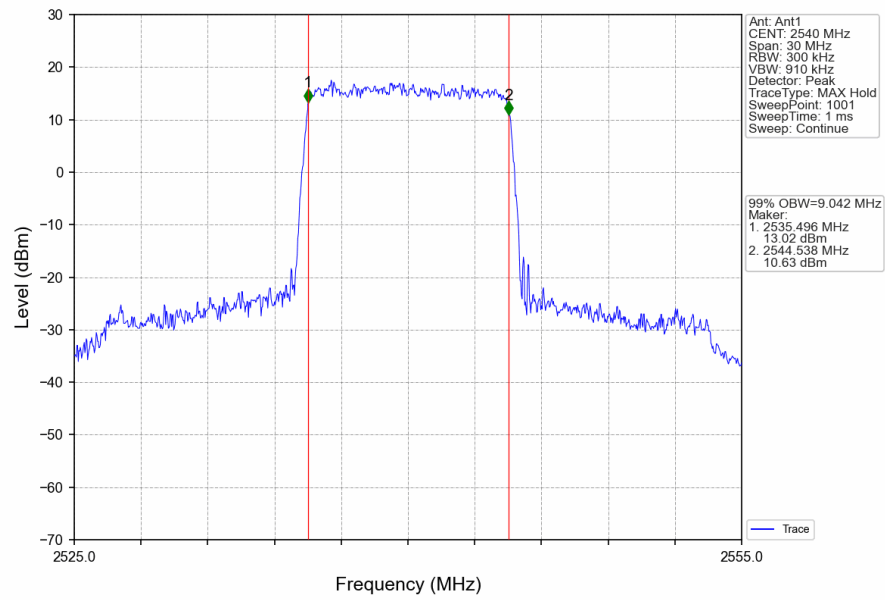
Band41\_5MHz\_16QAM\_MCH\_2605MHz\_RB\_25\_0\_NTNV



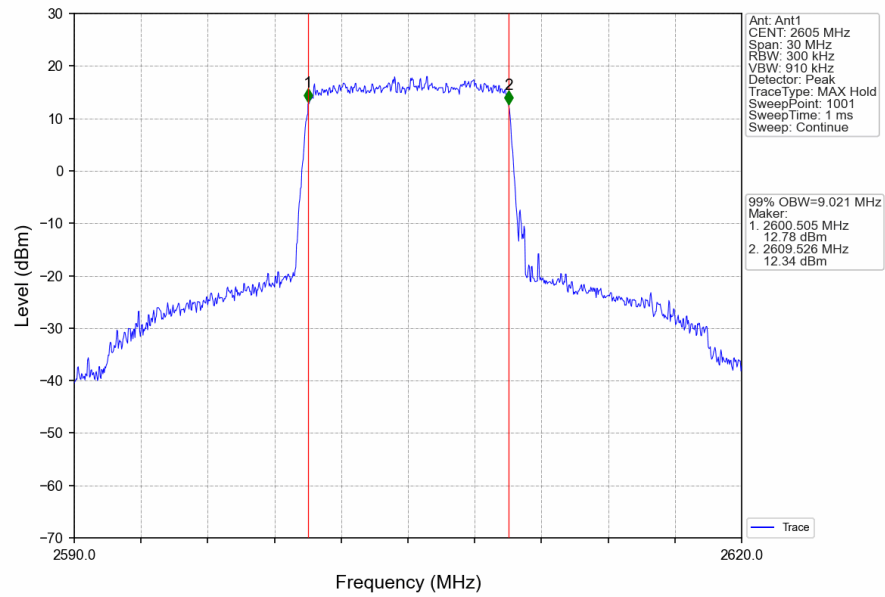
Band41\_5MHz\_16QAM\_HCH\_2672.5MHz\_RB\_25\_0\_NTNV



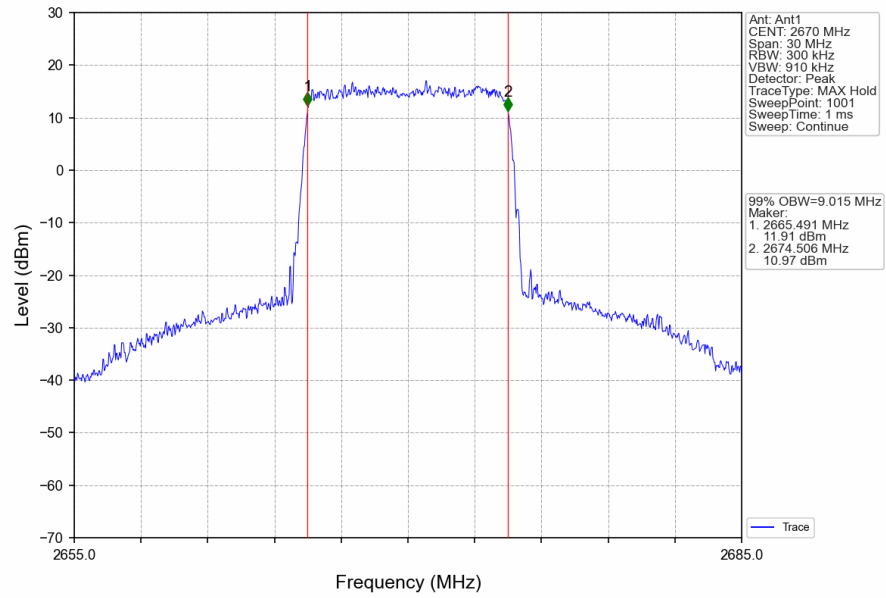
# Band41\_10MHz\_QPSK\_LCH\_2540MHz\_RB\_50\_0\_NTNV



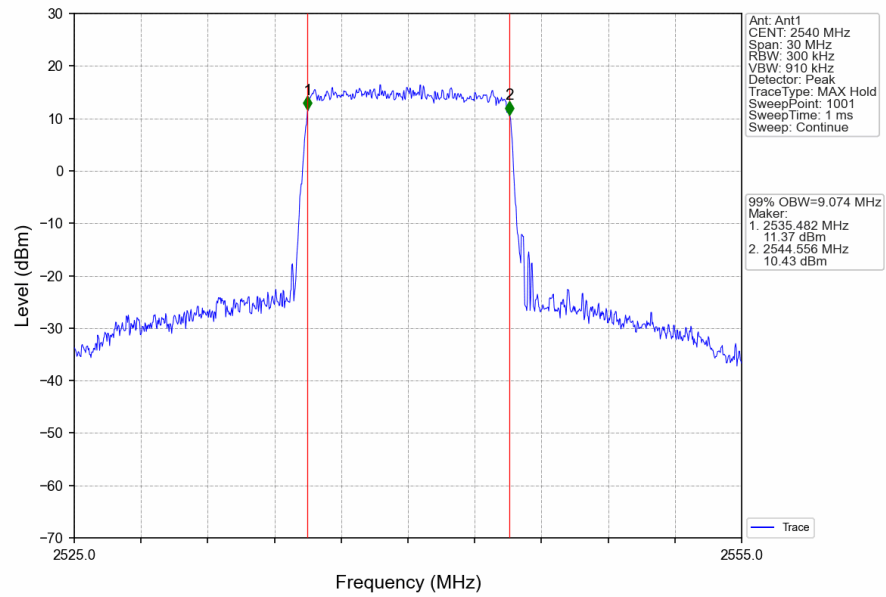
# Band41\_10MHz\_QPSK\_MCH\_2605MHz\_RB\_50\_0\_NTNV



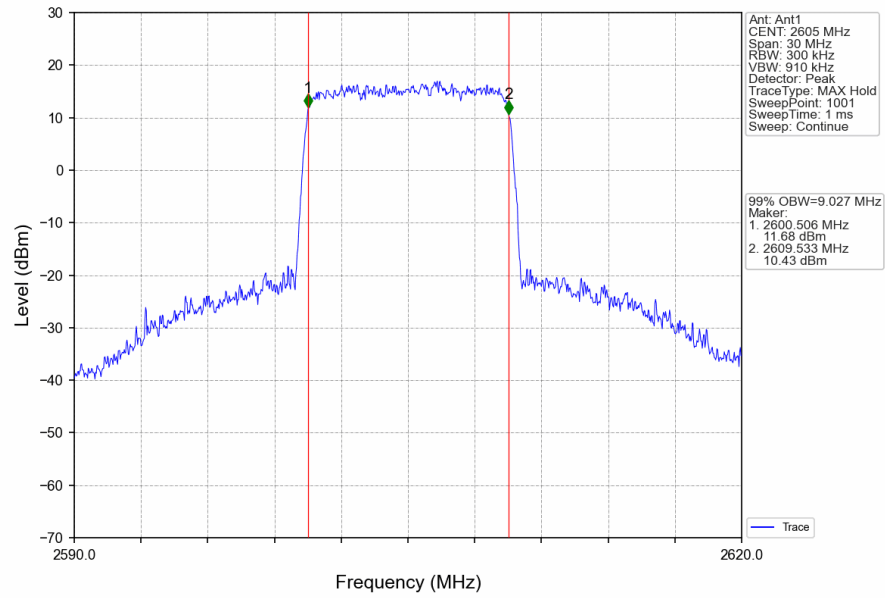
Band41\_10MHz\_QPSK\_HCH\_2670MHz\_RB\_50\_0\_NTNV



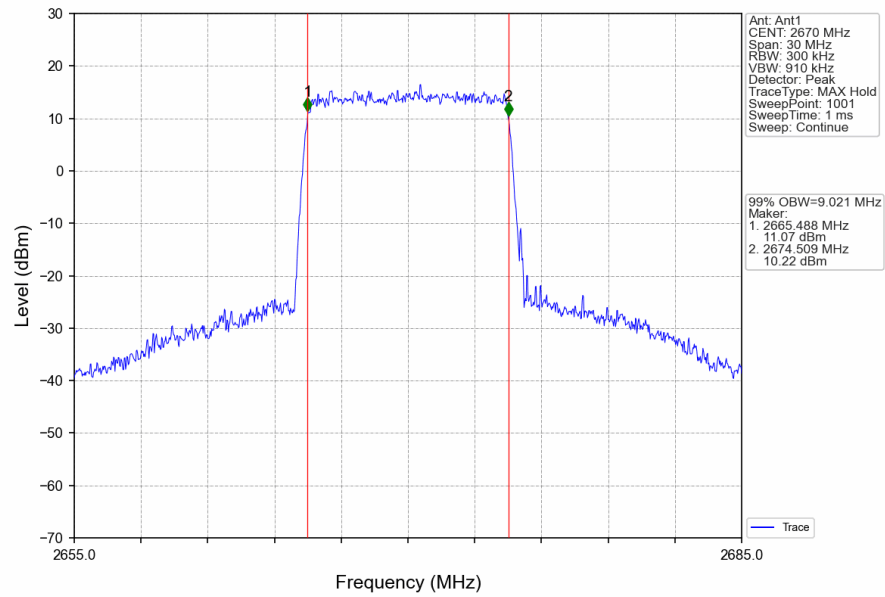
Band41\_10MHz\_16QAM\_LCH\_2540MHz\_RB\_50\_0\_NTNV



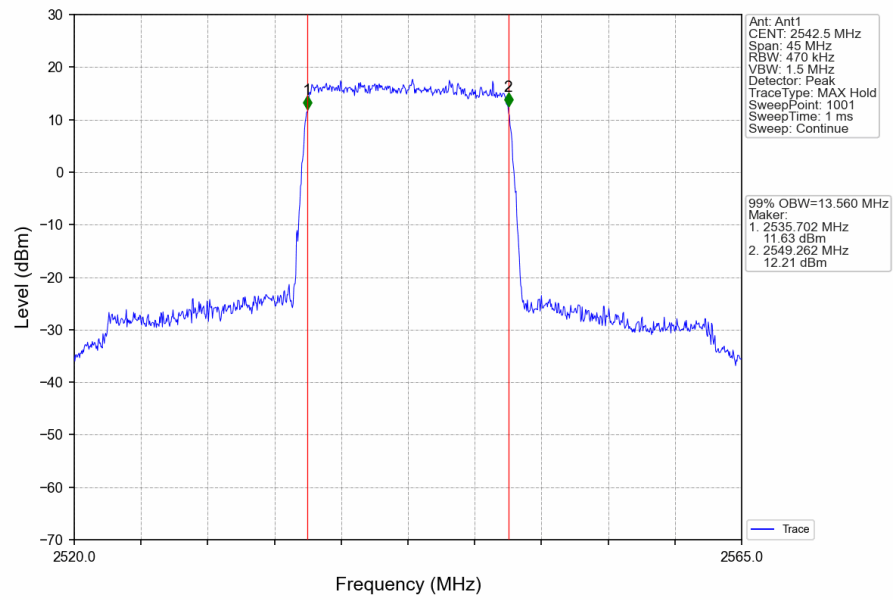
Band41\_10MHz\_16QAM\_MCH\_2605MHz\_RB\_50\_0\_NTNV



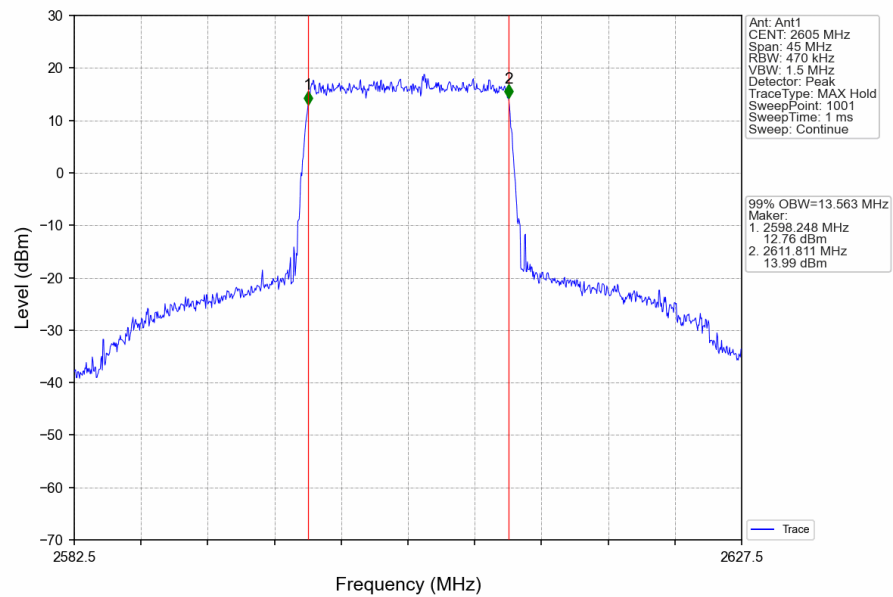
Band41\_10MHz\_16QAM\_HCH\_2670MHz\_RB\_50\_0\_NTNV



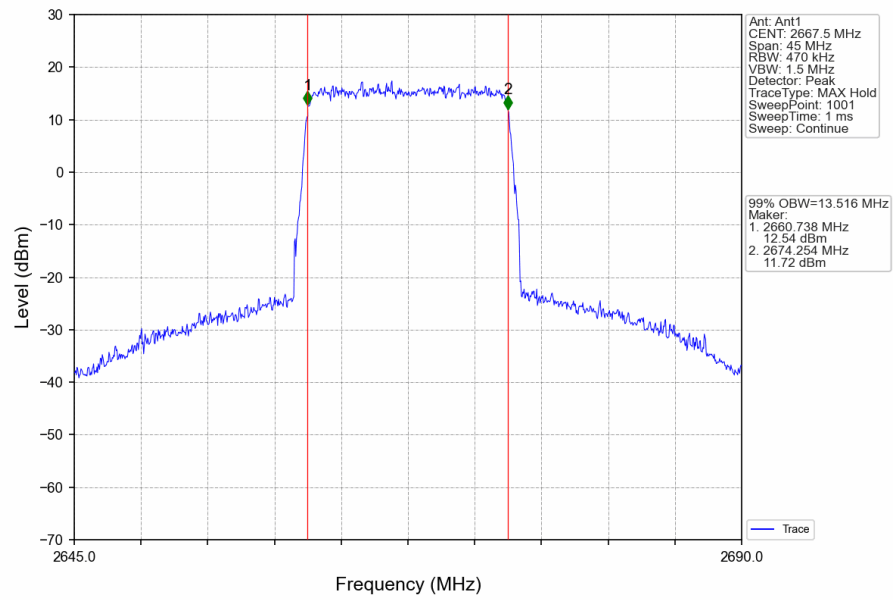
# Band41\_15MHz\_QPSK\_LCH\_2542.5MHz\_RB\_75\_0\_NTNV



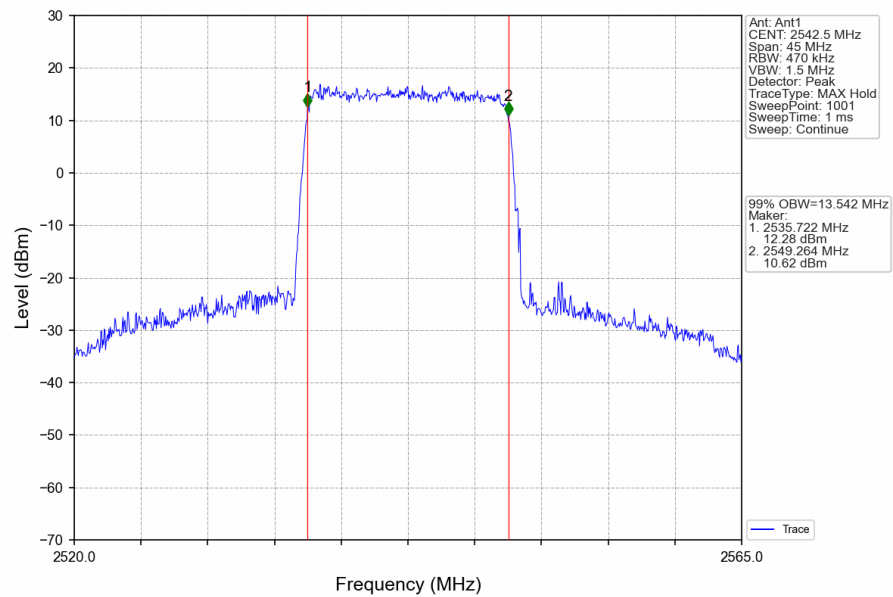
# Band41\_15MHz\_QPSK\_MCH\_2605MHz\_RB\_75\_0\_NTNV



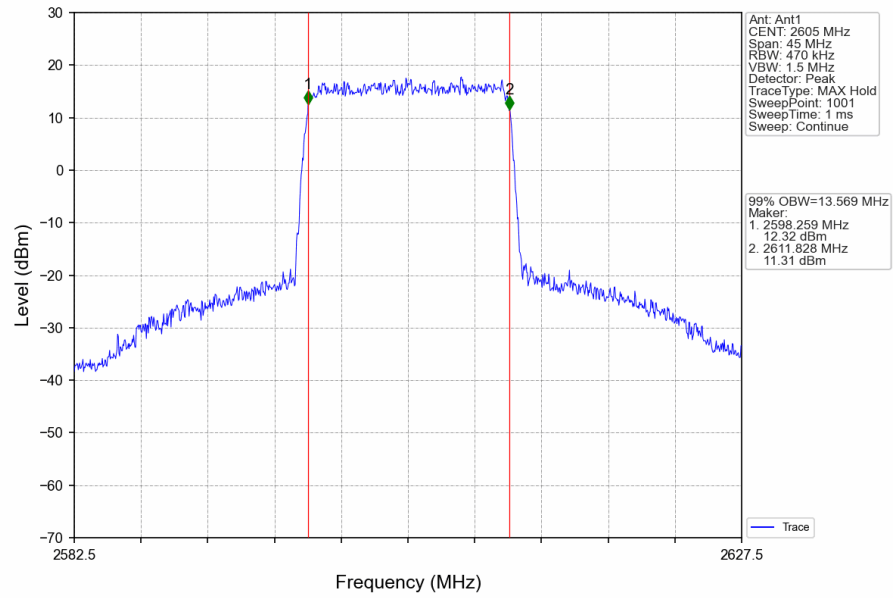
Band41\_15MHz\_QPSK\_HCH\_2667.5MHz\_RB\_75\_0\_NTNV



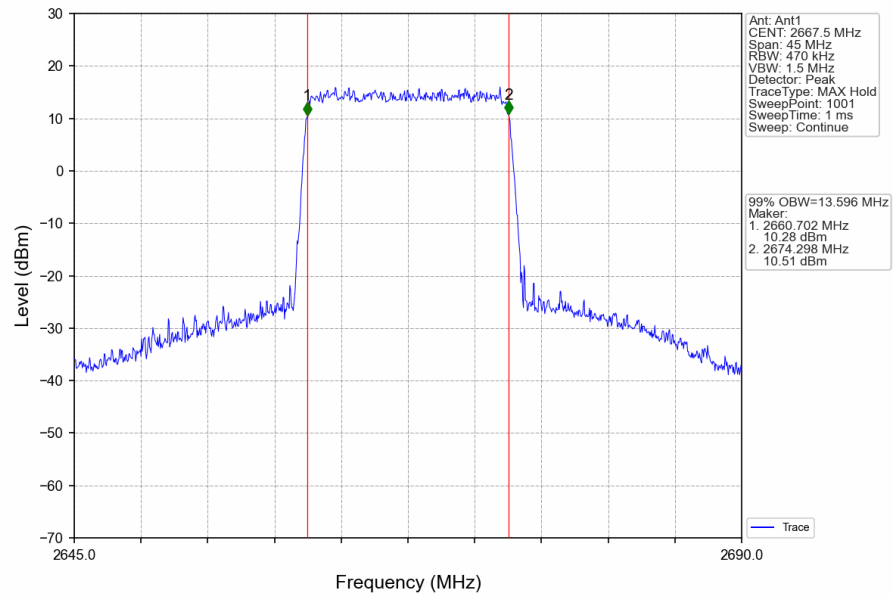
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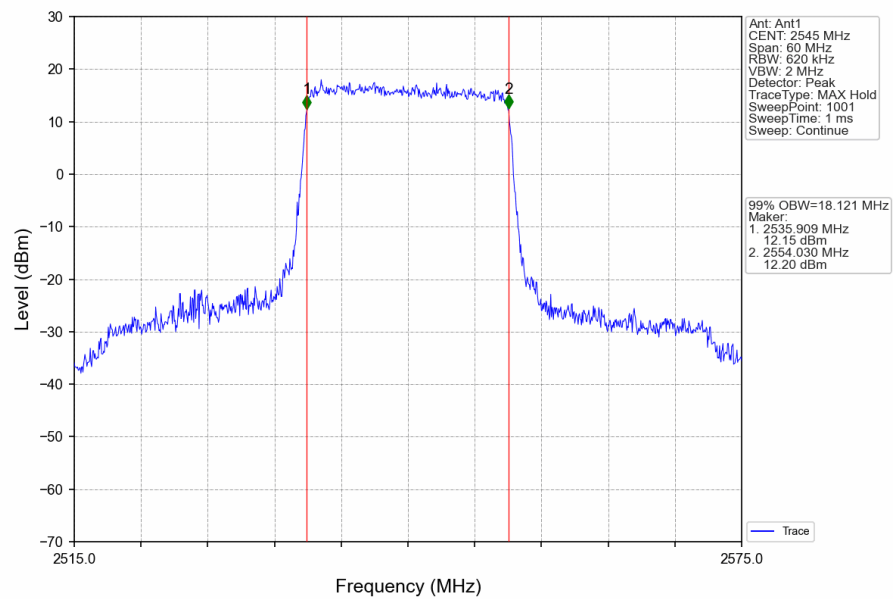
Band41\_15MHz\_16QAM\_MCH\_2605MHz\_RB\_75\_0\_NTNV



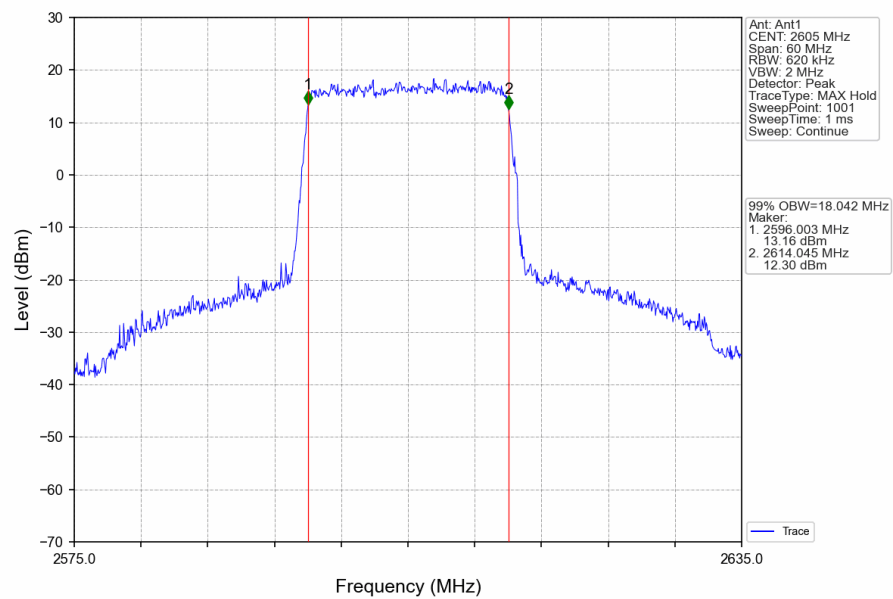
Band41\_15MHz\_16QAM\_HCH\_2667.5MHz\_RB\_75\_0\_NTNV



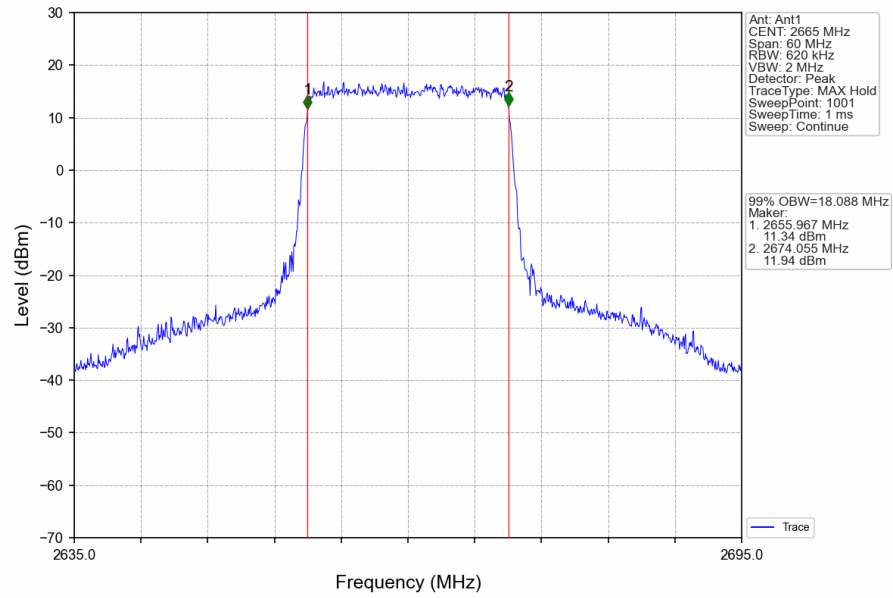
Band41\_20MHz\_QPSK\_LCH\_2545MHz\_RB\_100\_0\_NTNV



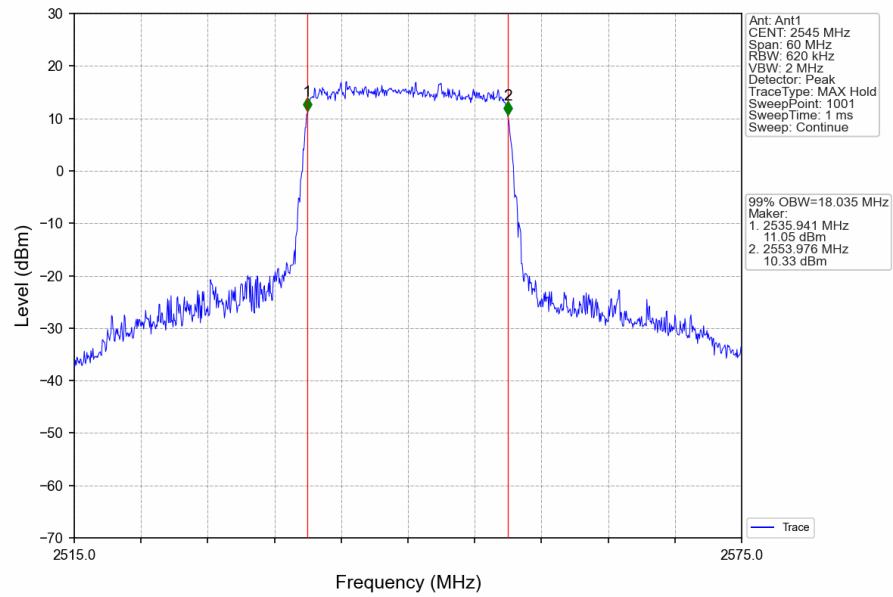
Band41\_20MHz\_QPSK\_MCH\_2605MHz\_RB\_100\_0\_NTNV



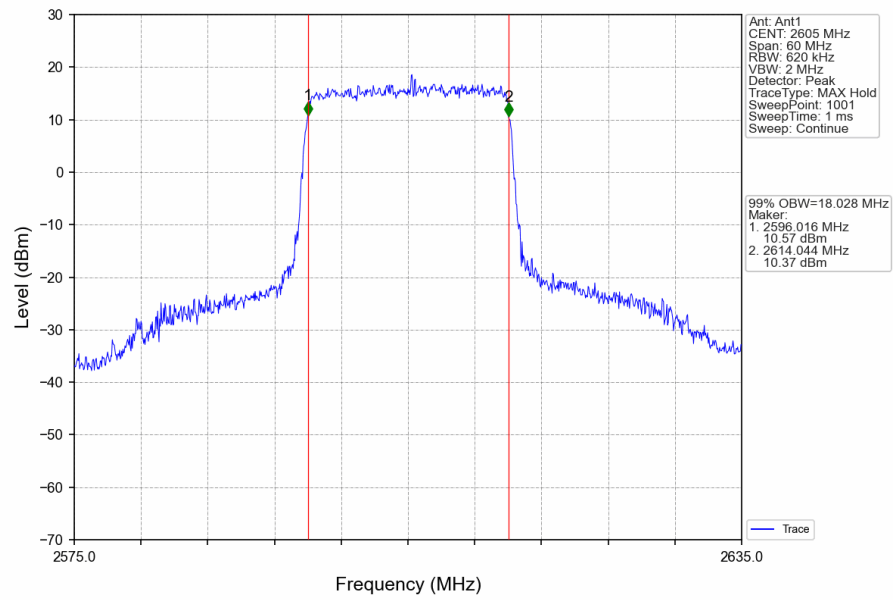
Band41\_20MHz\_QPSK\_HCH\_2665MHz\_RB\_100\_0\_NTNV



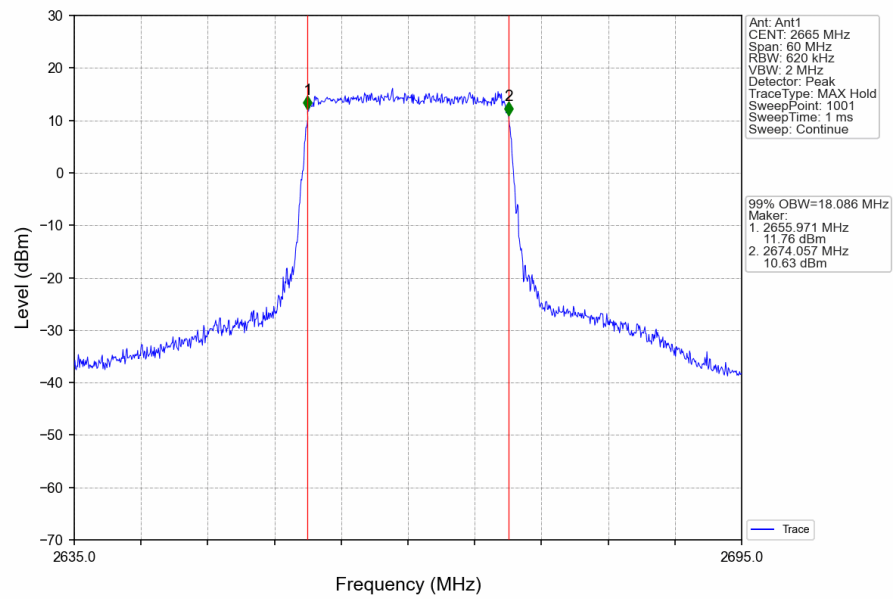
Band41\_20MHz\_16QAM\_LCH\_2545MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_MCH\_2605MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_HCH\_2665MHz\_RB\_100\_0\_NTNV

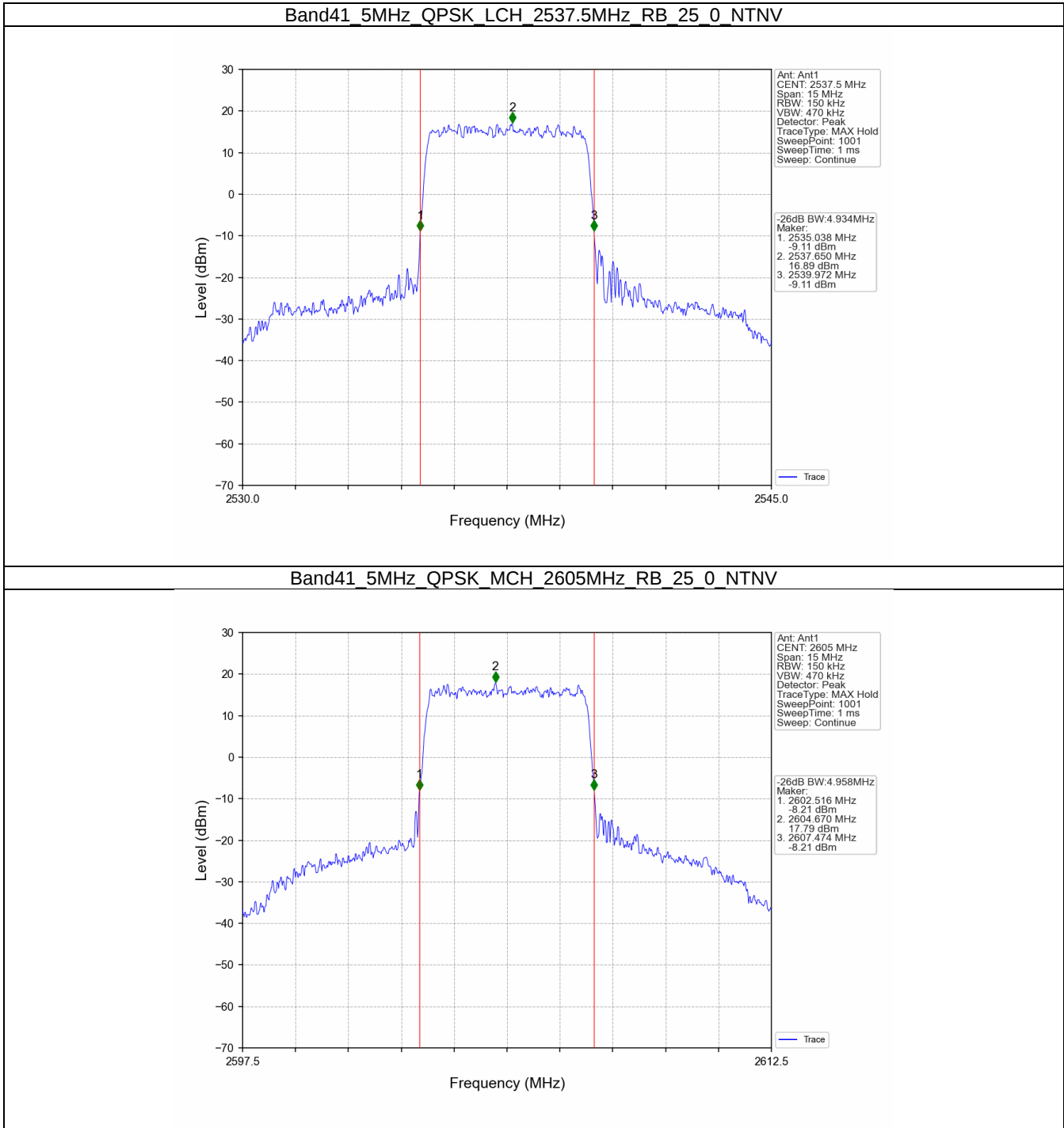


## 2.2 Band41\_XDB

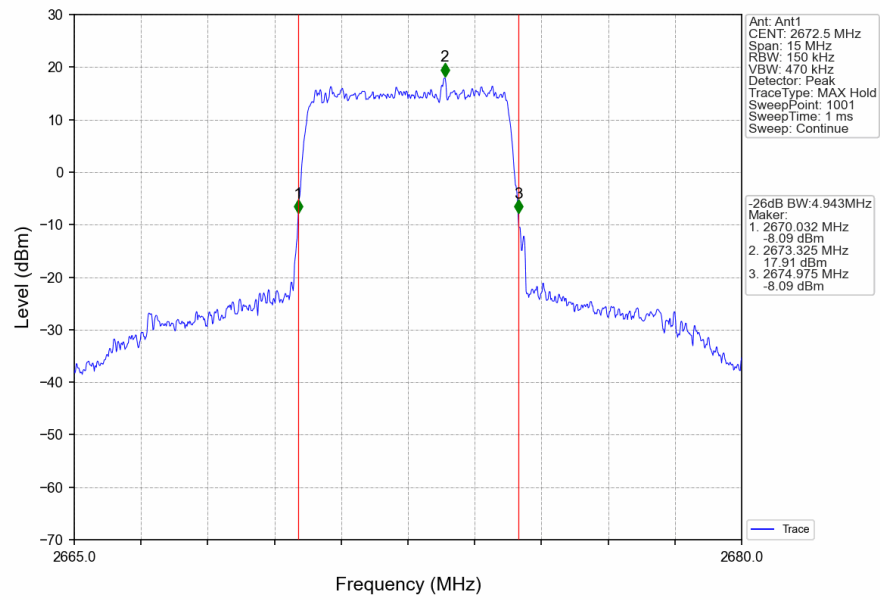
### 2.2.1 Test Result

| Band: 41 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 2537.5          | 25            | 0      | 4.934                | /     | Pass    |
|                 |            | 2605            | 25            | 0      | 4.958                | /     | Pass    |
|                 |            | 2672.5          | 25            | 0      | 4.943                | /     | Pass    |
|                 | 16QAM      | 2537.5          | 25            | 0      | 4.950                | /     | Pass    |
|                 |            | 2605            | 25            | 0      | 4.959                | /     | Pass    |
|                 |            | 2672.5          | 25            | 0      | 4.955                | /     | Pass    |
| 10              | QPSK       | 2540            | 50            | 0      | 9.830                | /     | Pass    |
|                 |            | 2605            | 50            | 0      | 9.968                | /     | Pass    |
|                 |            | 2670            | 50            | 0      | 9.894                | /     | Pass    |
|                 | 16QAM      | 2540            | 50            | 0      | 9.792                | /     | Pass    |
|                 |            | 2605            | 50            | 0      | 9.816                | /     | Pass    |
|                 |            | 2670            | 50            | 0      | 9.791                | /     | Pass    |
| 15              | QPSK       | 2542.5          | 75            | 0      | 14.690               | /     | Pass    |
|                 |            | 2605            | 75            | 0      | 14.660               | /     | Pass    |
|                 |            | 2667.5          | 75            | 0      | 14.786               | /     | Pass    |
|                 | 16QAM      | 2542.5          | 75            | 0      | 14.791               | /     | Pass    |
|                 |            | 2605            | 75            | 0      | 14.690               | /     | Pass    |
|                 |            | 2667.5          | 75            | 0      | 14.711               | /     | Pass    |
| 20              | QPSK       | 2545            | 100           | 0      | 19.863               | /     | Pass    |
|                 |            | 2605            | 100           | 0      | 19.756               | /     | Pass    |
|                 |            | 2665            | 100           | 0      | 19.768               | /     | Pass    |
|                 | 16QAM      | 2545            | 100           | 0      | 19.789               | /     | Pass    |
|                 |            | 2605            | 100           | 0      | 19.539               | /     | Pass    |
|                 |            | 2665            | 100           | 0      | 19.792               | /     | Pass    |

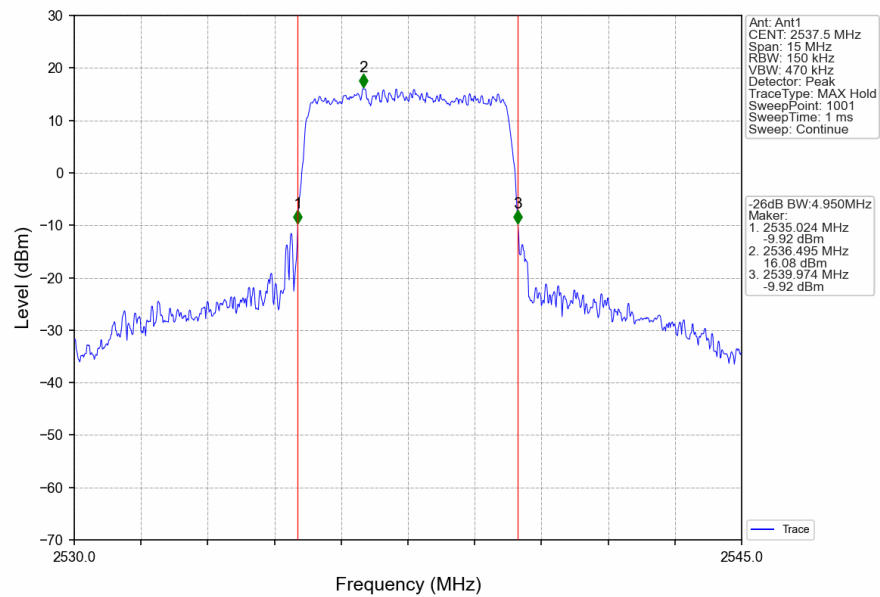
2.2.2 Test Graph



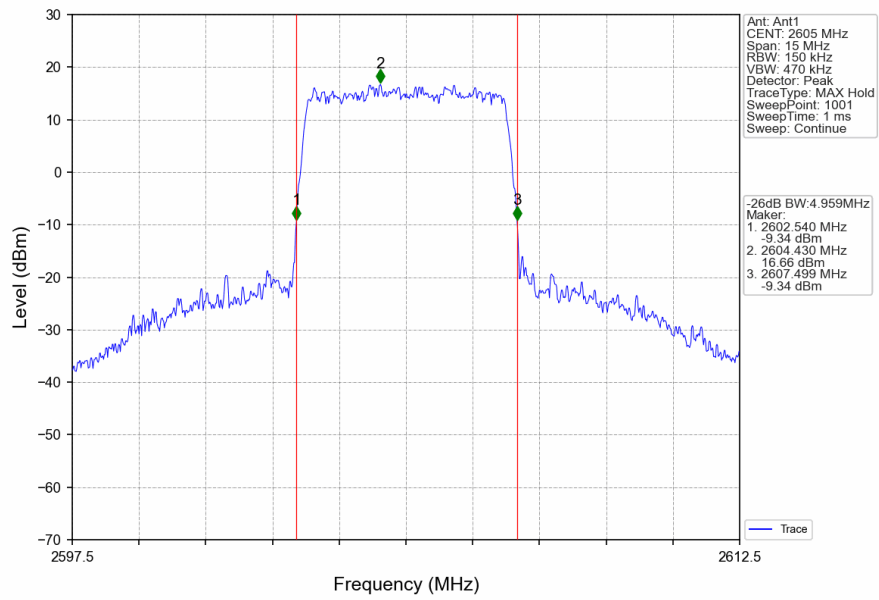
Band41\_5MHz\_QPSK\_HCH\_2672.5MHz\_RB\_25\_0\_NTNV



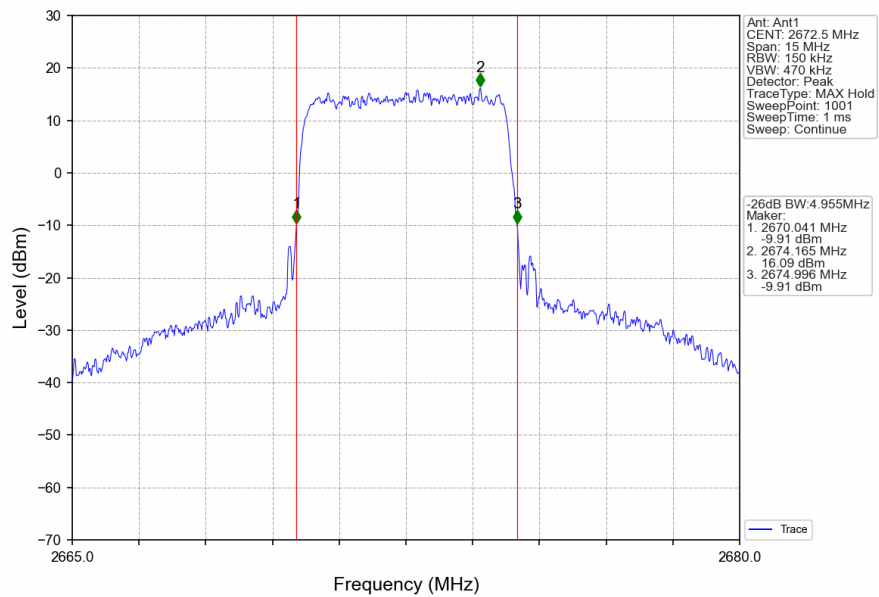
Band41\_5MHz\_16QAM\_LCH\_2537.5MHz\_RB\_25\_0\_NTNV



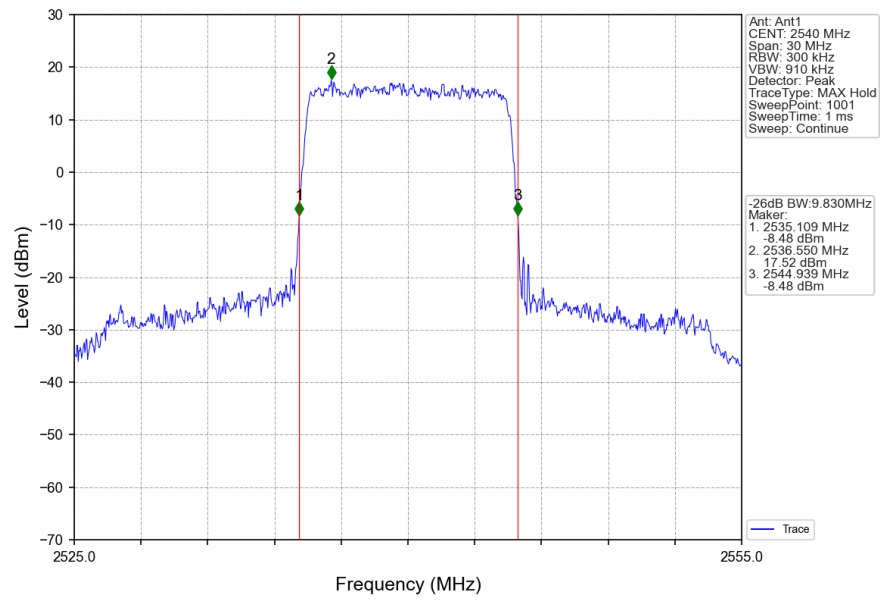
Band41\_5MHz\_16QAM\_MCH\_2605MHz\_RB\_25\_0\_NTNV



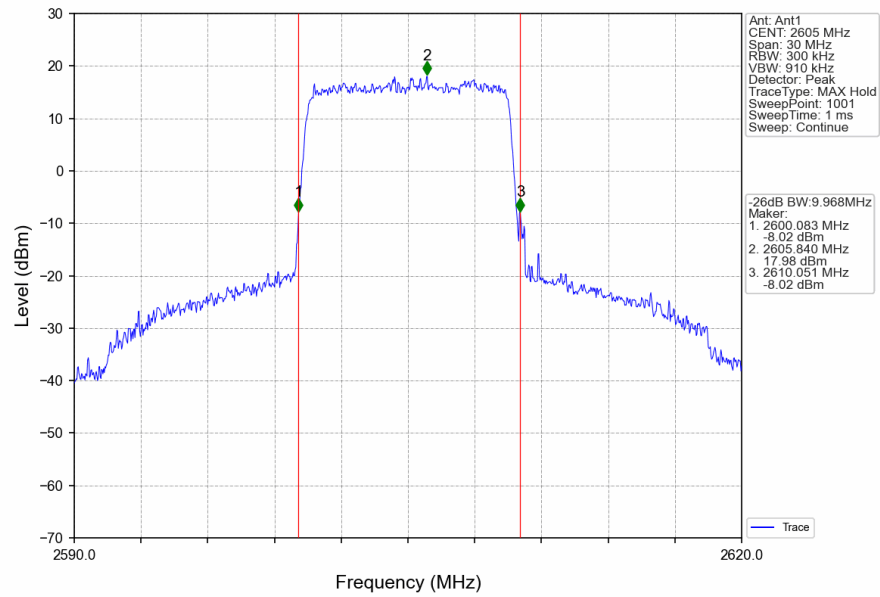
Band41\_5MHz\_16QAM\_HCH\_2672.5MHz\_RB\_25\_0\_NTNV



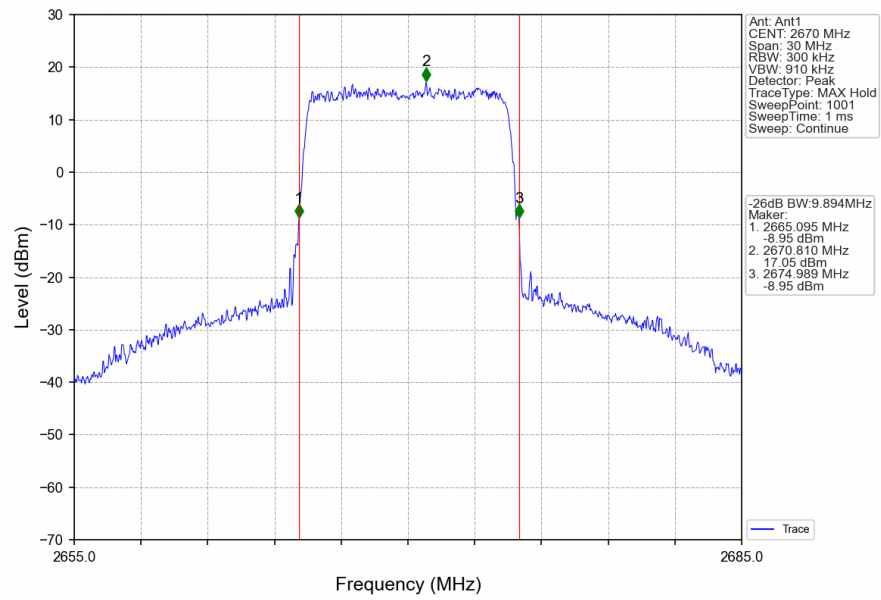
# Band41\_10MHz\_QPSK\_LCH\_2540MHz\_RB\_50\_0\_NTNV



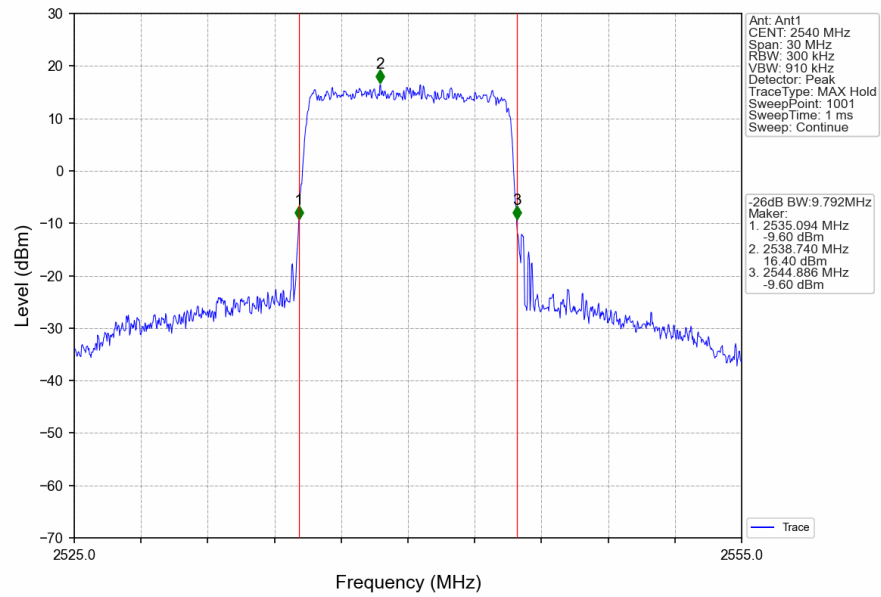
# Band41\_10MHz\_QPSK\_MCH\_2605MHz\_RB\_50\_0\_NTNV



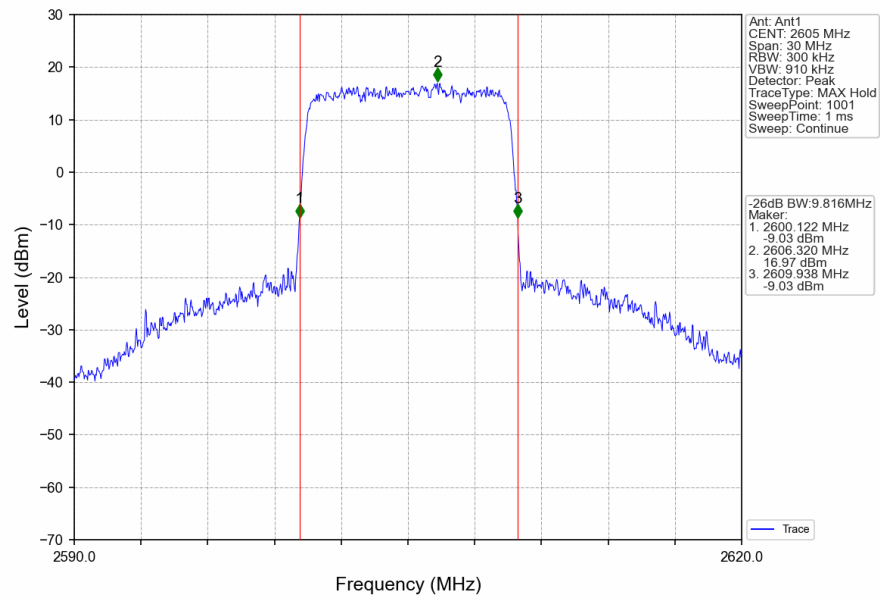
Band41\_10MHz\_QPSK\_HCH\_2670MHz\_RB\_50\_0\_NTNV



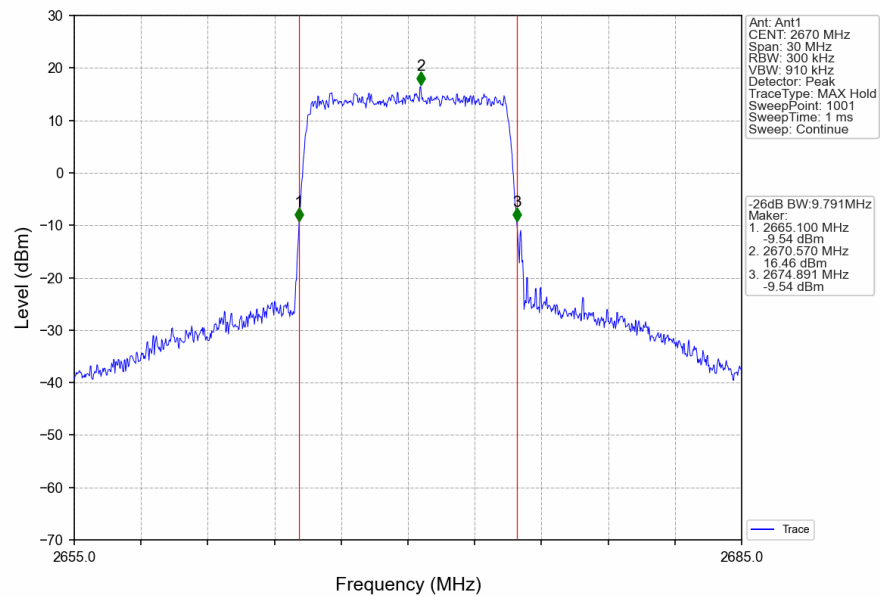
Band41\_10MHz\_16QAM\_LCH\_2540MHz\_RB\_50\_0\_NTNV



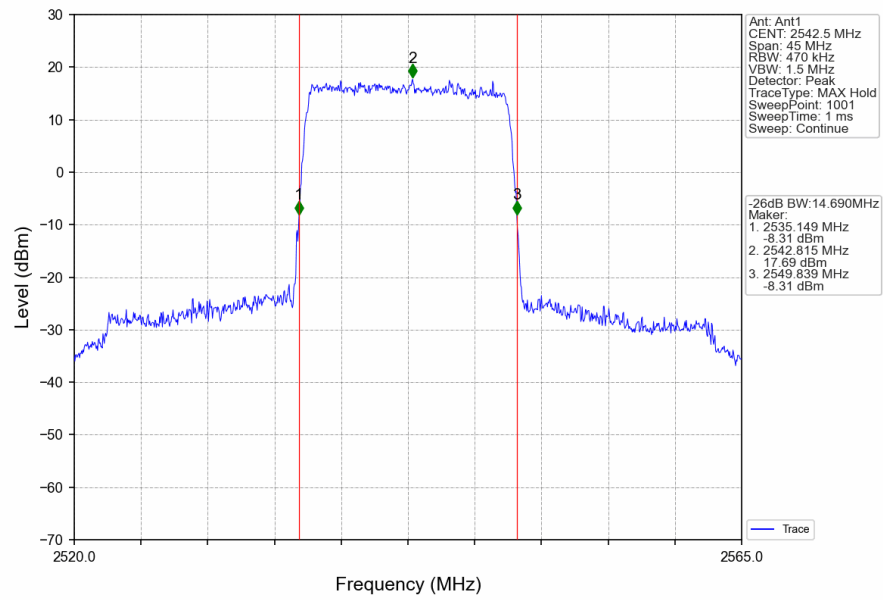
Band41\_10MHz\_16QAM\_MCH\_2605MHz\_RB\_50\_0\_NTNV



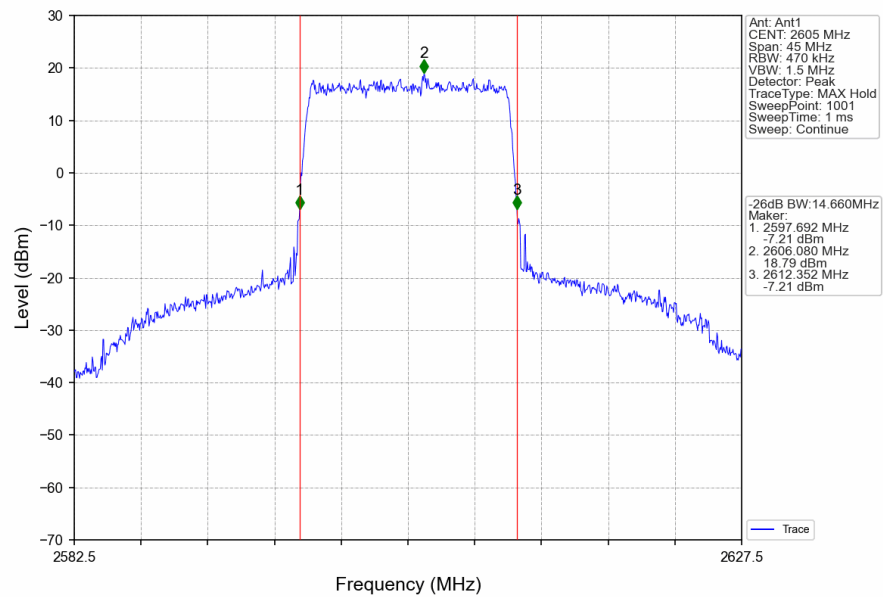
Band41\_10MHz\_16QAM\_HCH\_2670MHz\_RB\_50\_0\_NTNV



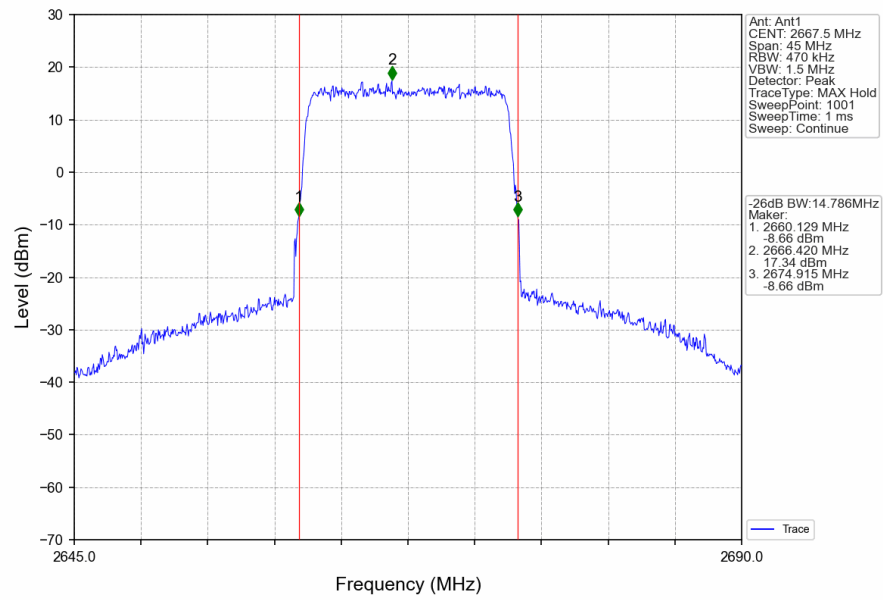
# Band41\_15MHz\_QPSK\_LCH\_2542.5MHz\_RB\_75\_0\_NTNV



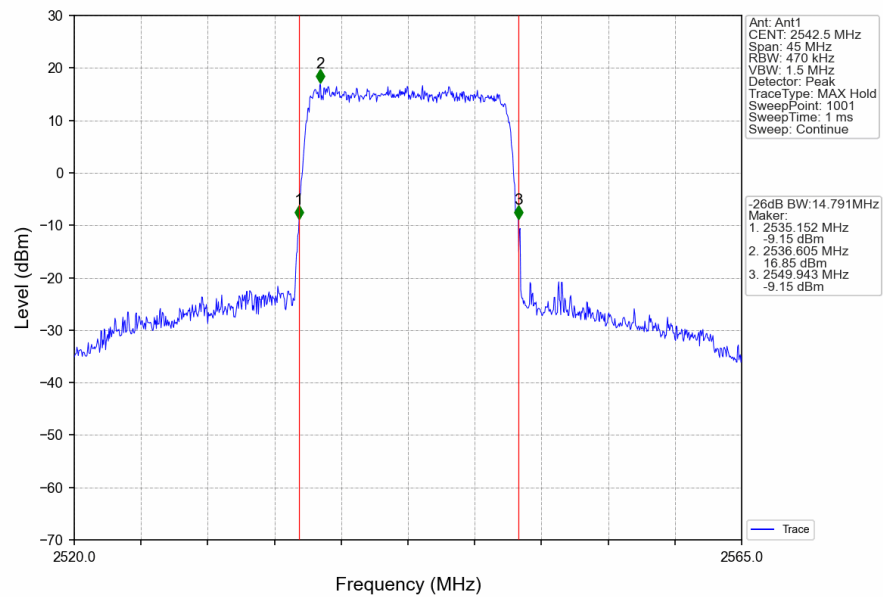
# Band41\_15MHz\_QPSK\_MCH\_2605MHz\_RB\_75\_0\_NTNV



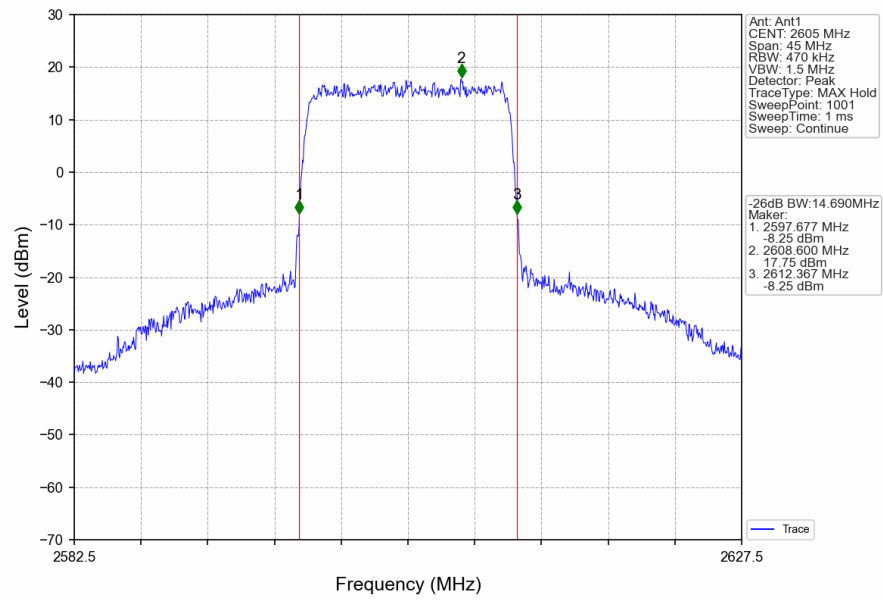
Band41\_15MHz\_QPSK\_HCH\_2667.5MHz\_RB\_75\_0\_NTNV



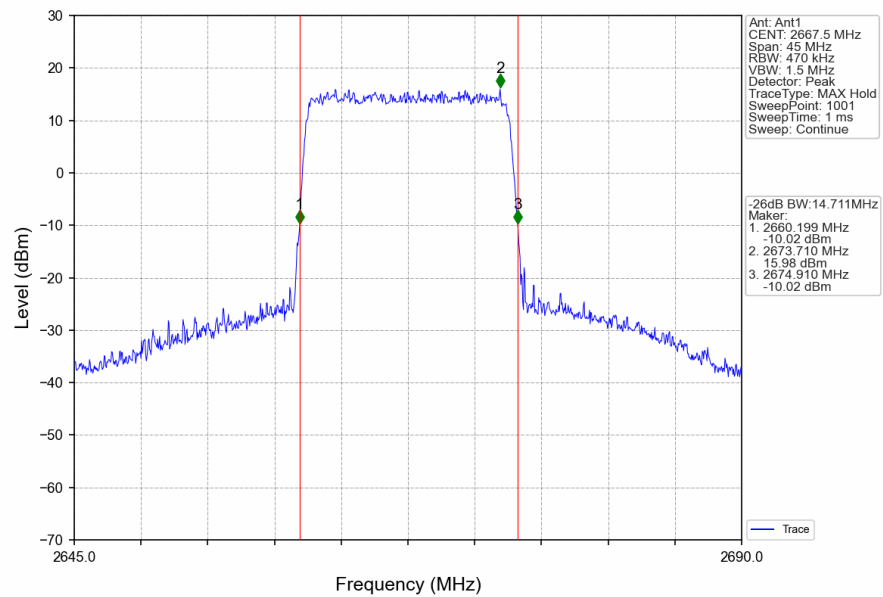
Band41\_15MHz\_16QAM\_LCH\_2542.5MHz\_RB\_75\_0\_NTNV



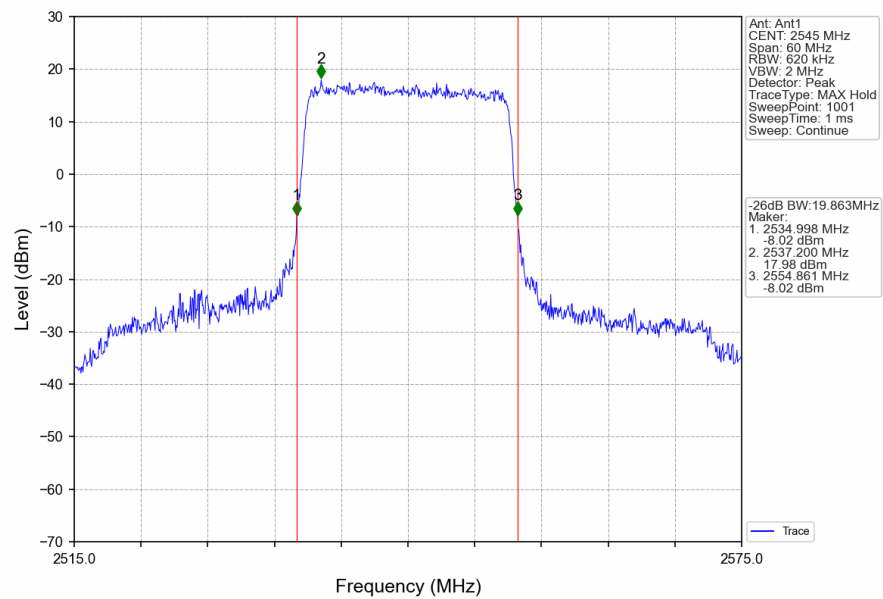
Band41\_15MHz\_16QAM\_MCH\_2605MHz\_RB\_75\_0\_NTNV



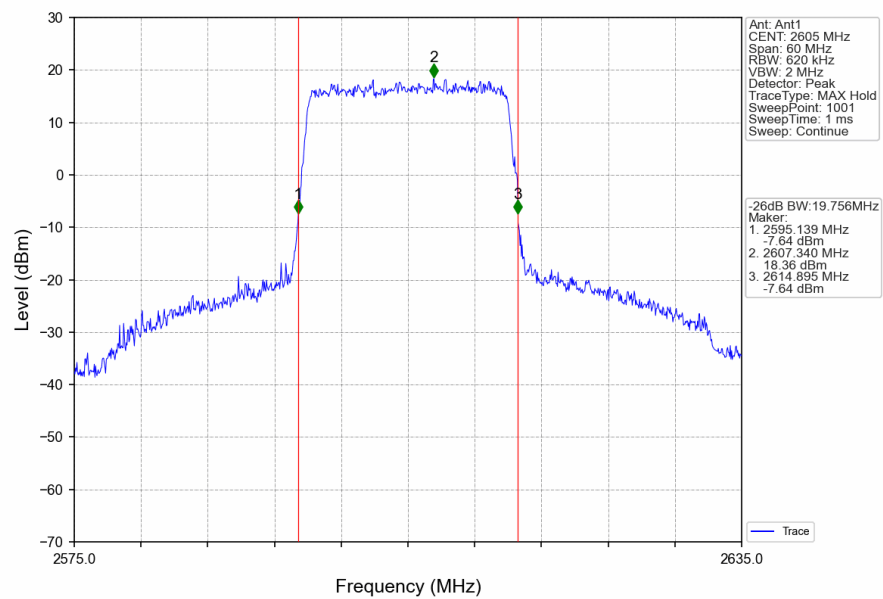
Band41\_15MHz\_16QAM\_HCH\_2667.5MHz\_RB\_75\_0\_NTNV



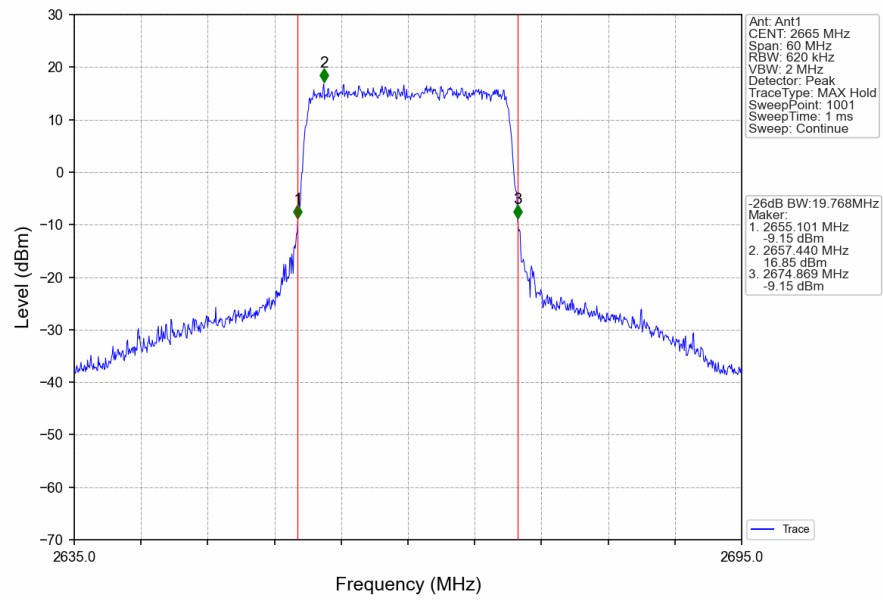
Band41\_20MHz\_QPSK\_LCH\_2545MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_QPSK\_MCH\_2605MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_QPSK\_HCH\_2665MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_LCH\_2545MHz\_RB\_100\_0\_NTNV

