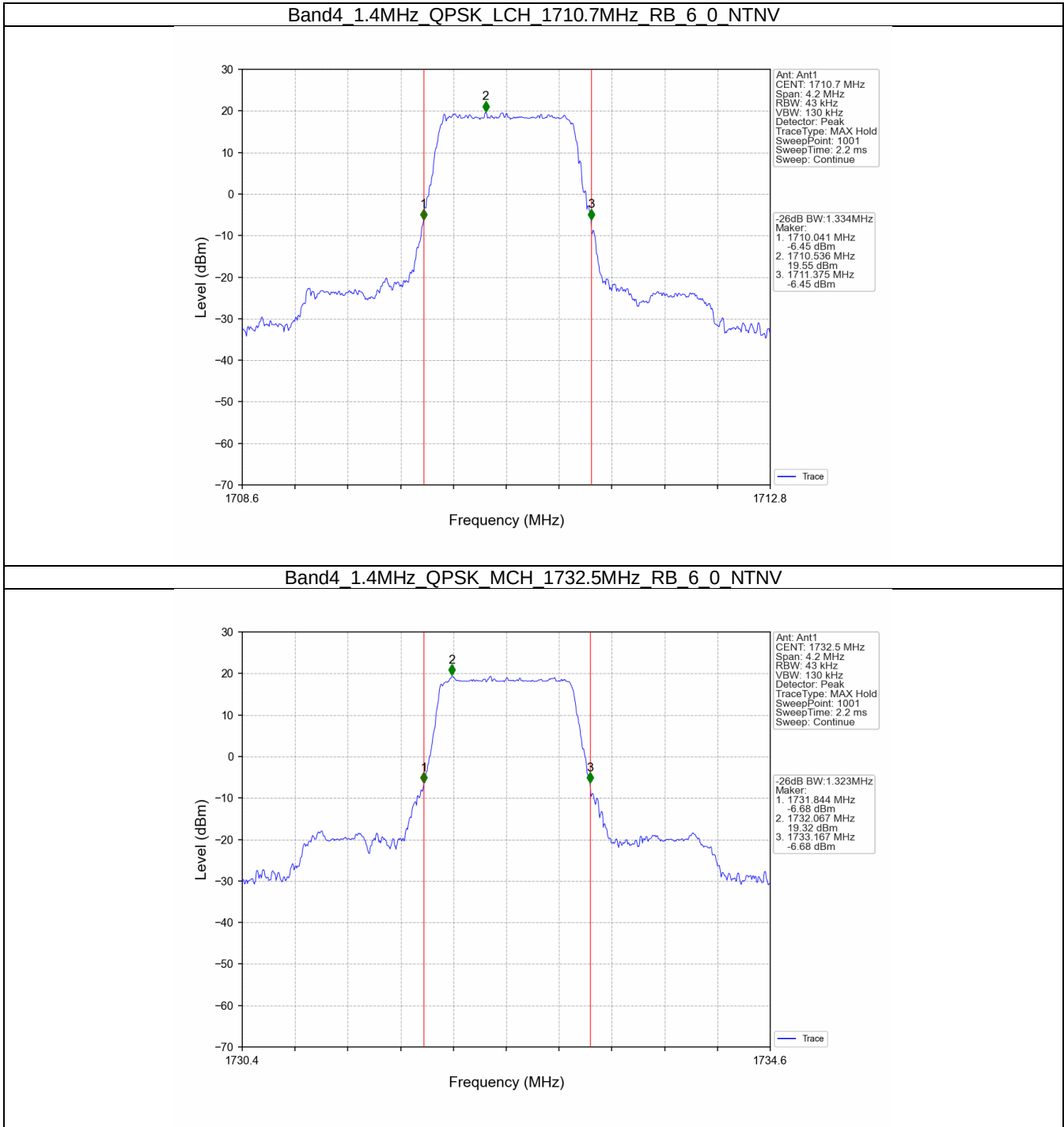
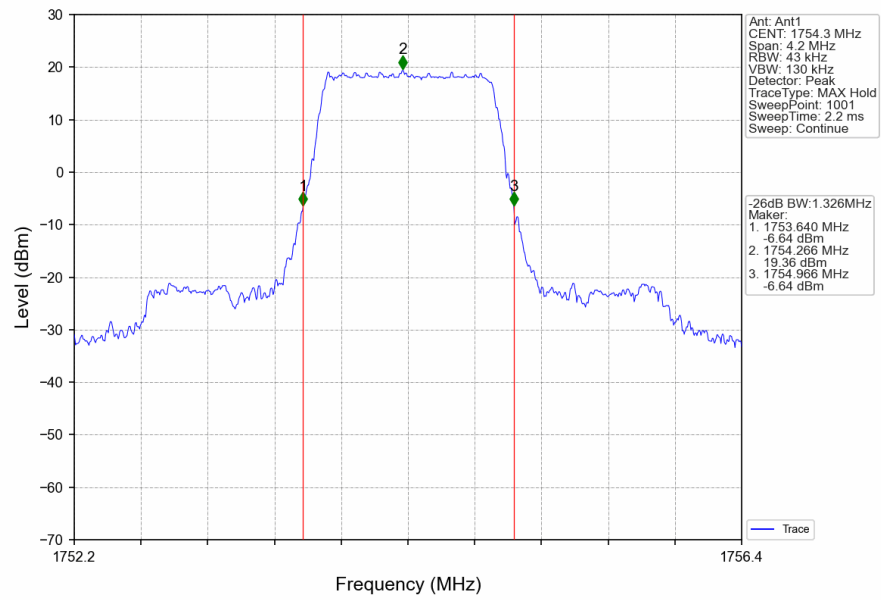


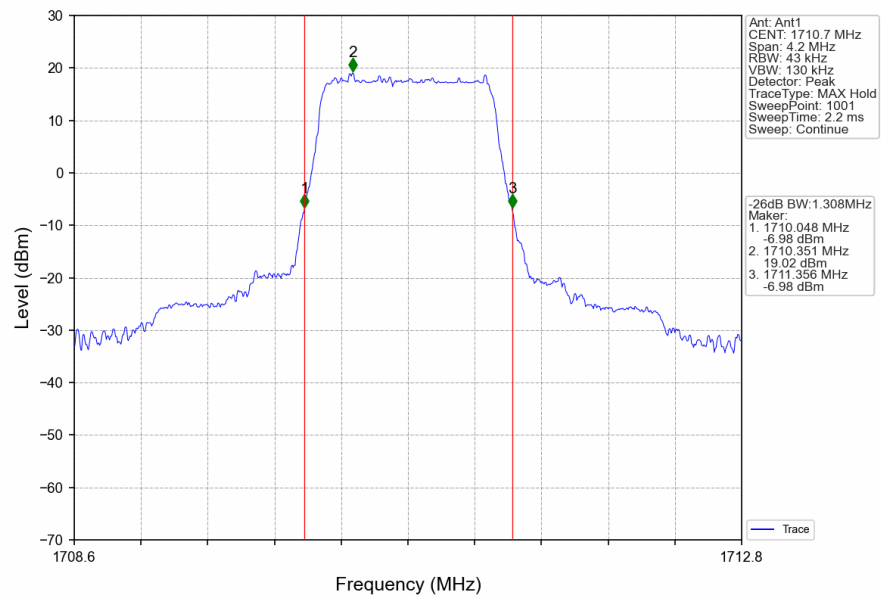
5.2.2 Test Graph



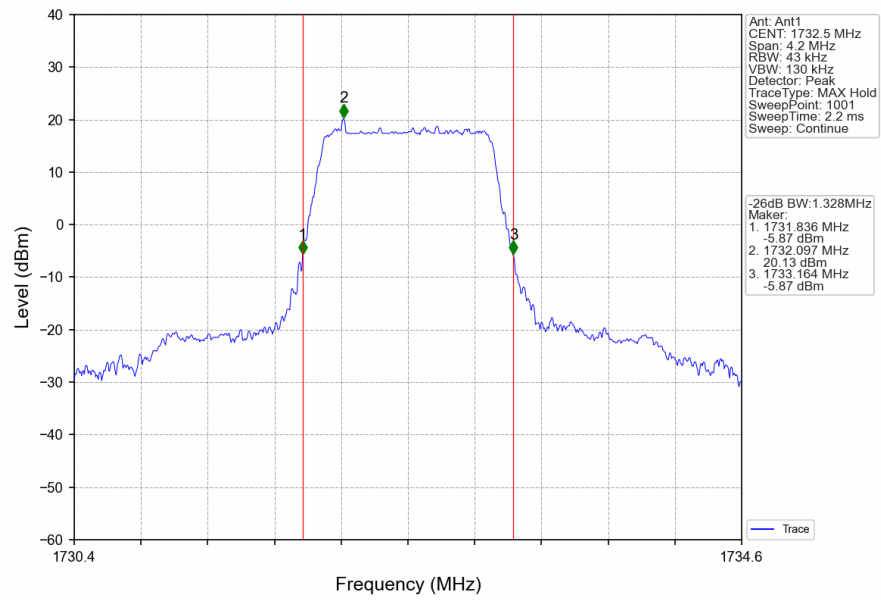
Band4\_1.4MHz\_QPSK\_HCH\_1754.3MHz\_RB\_6\_0\_NTNV



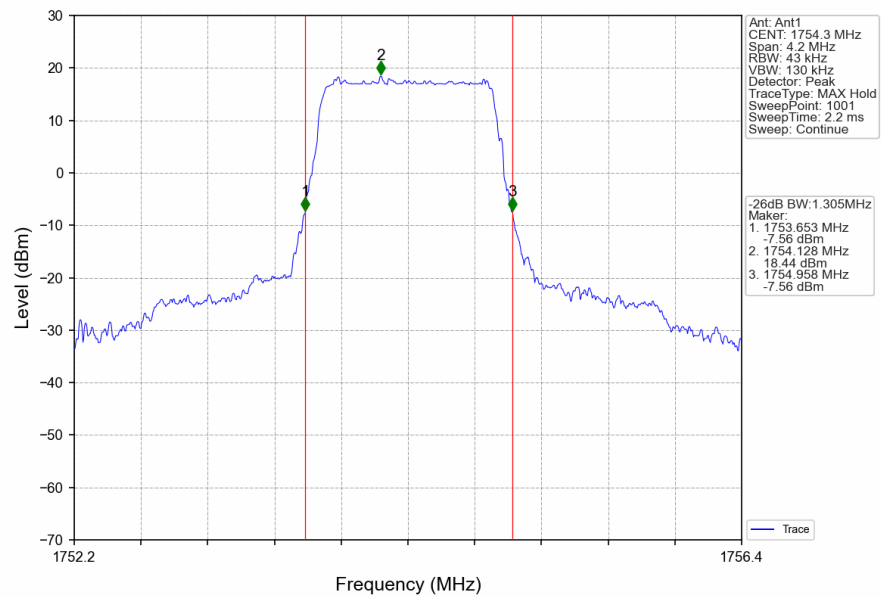
Band4\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



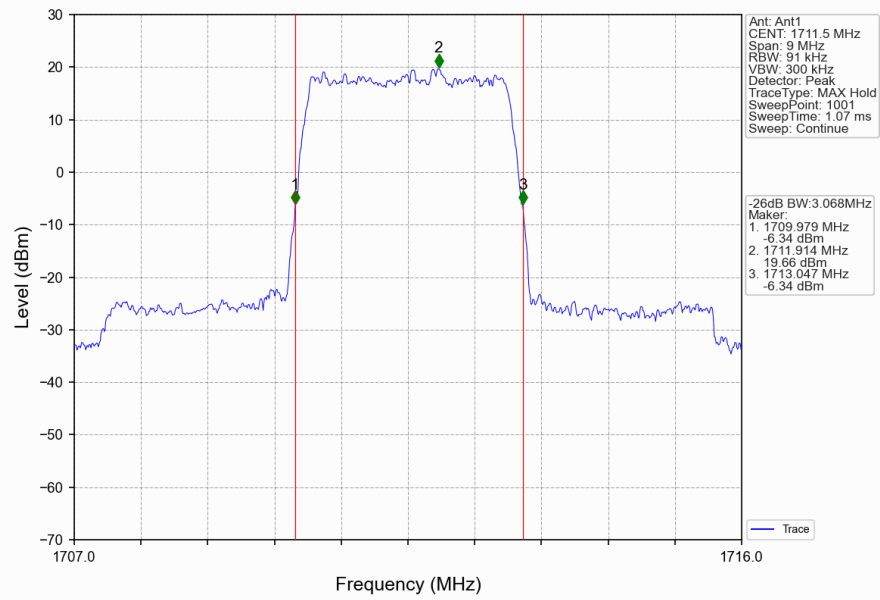
Band4\_1.4MHz\_16QAM\_MCH\_1732.5MHz\_RB\_6\_0\_NTNV



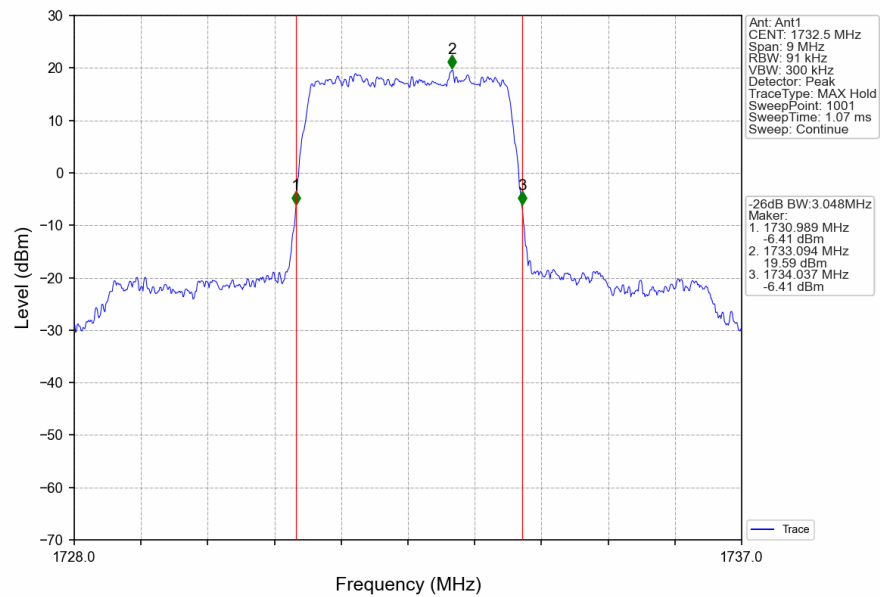
Band4\_1.4MHz\_16QAM\_HCH\_1754.3MHz\_RB\_6\_0\_NTNV



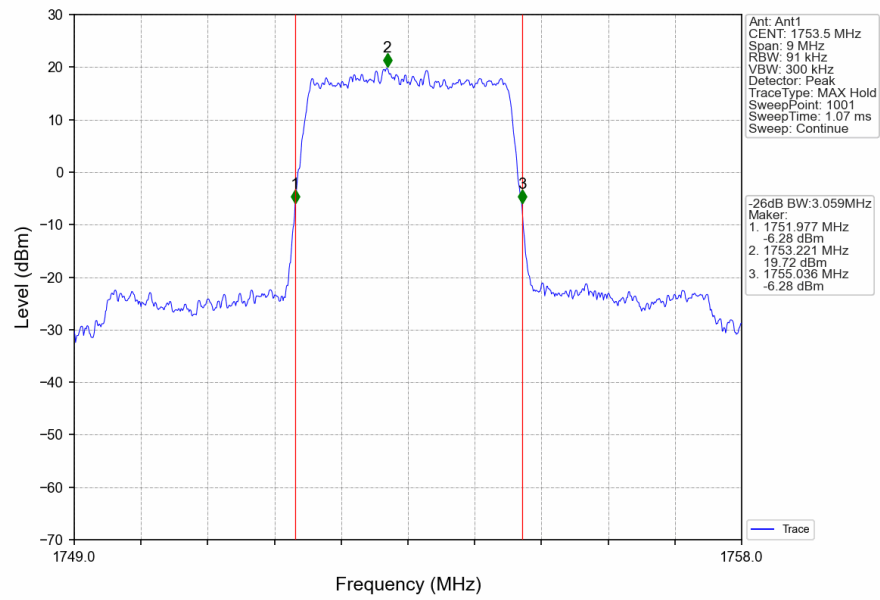
# Band4\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



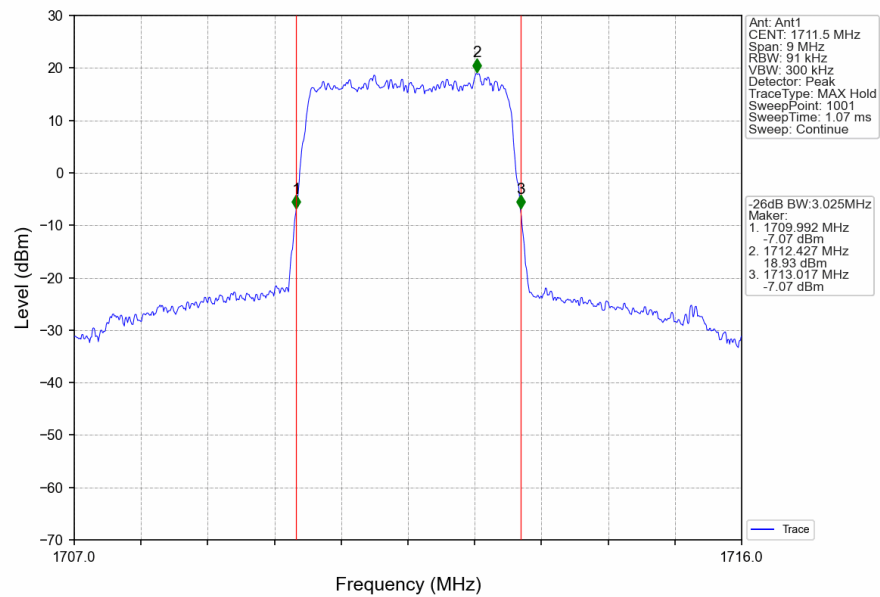
# Band4\_3MHz\_QPSK\_MCH\_1732.5MHz\_RB\_15\_0\_NTNV



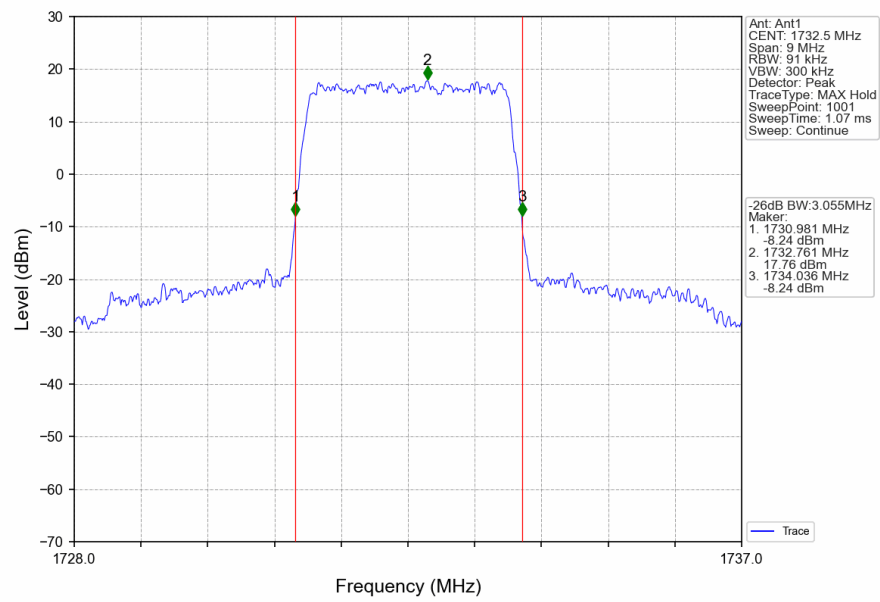
# Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_15\_0\_NTNV



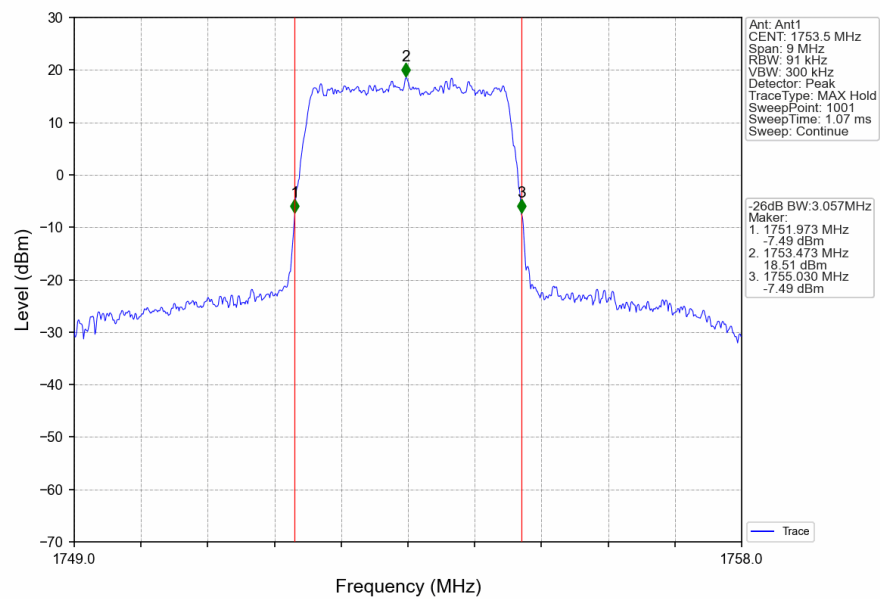
# Band4\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



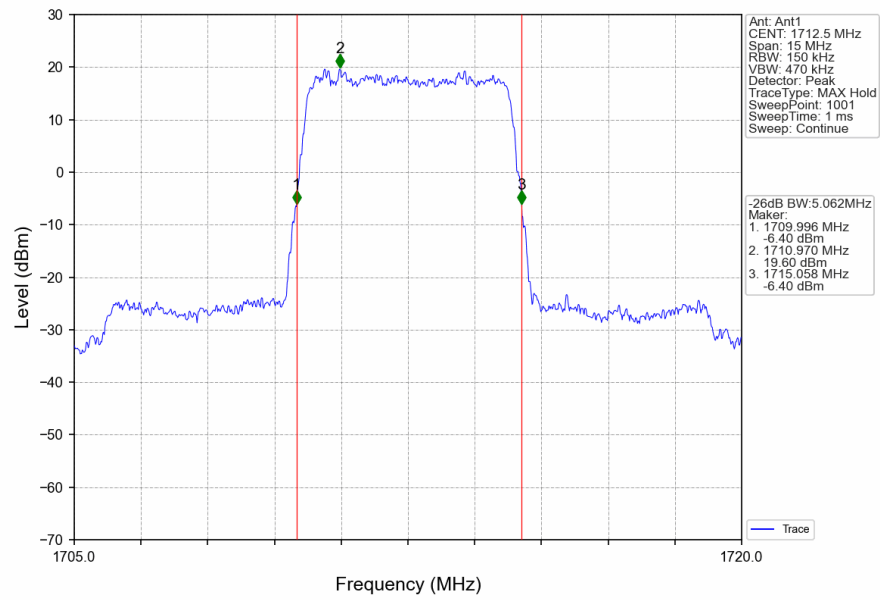
Band4\_3MHz\_16QAM\_MCH\_1732.5MHz\_RB\_15\_0\_NTNV



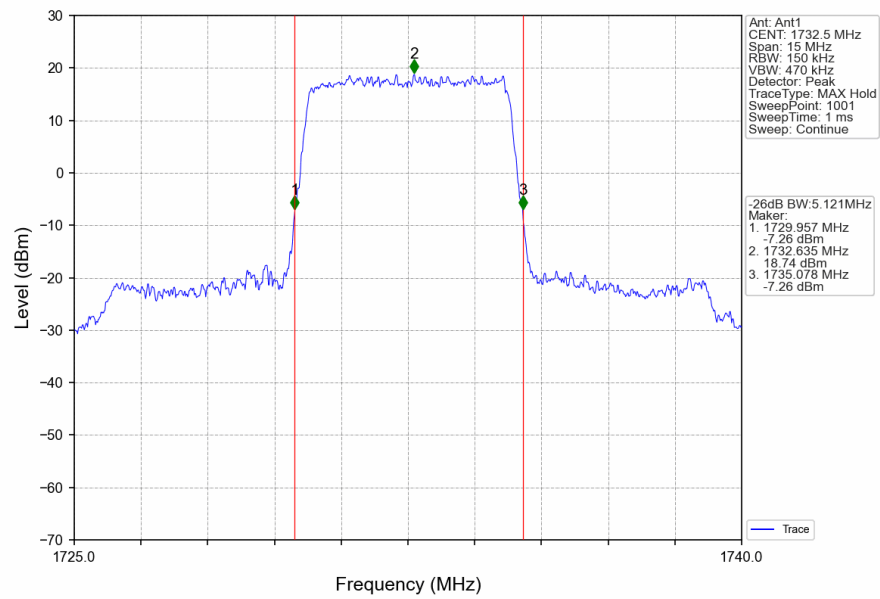
Band4\_3MHz\_16QAM\_HCH\_1753.5MHz\_RB\_15\_0\_NTNV



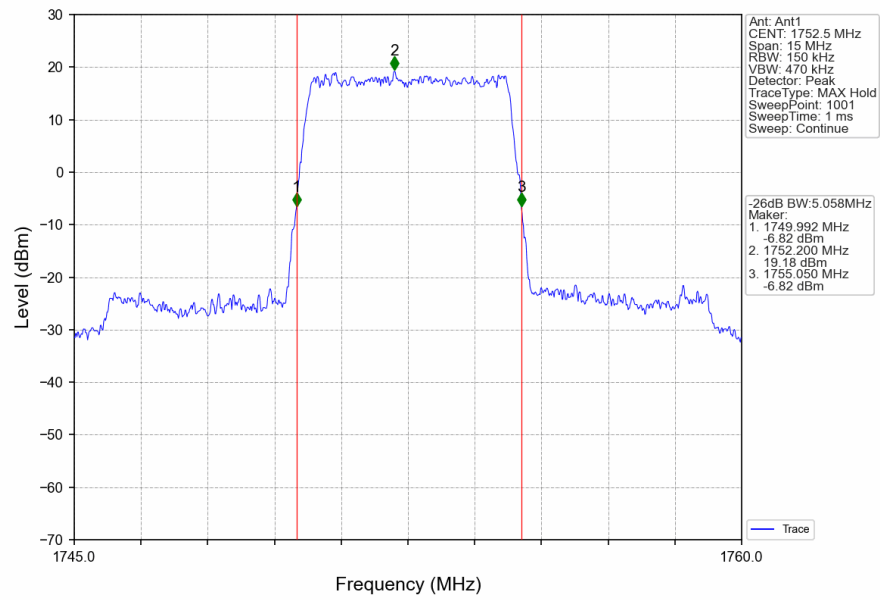
# Band4\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



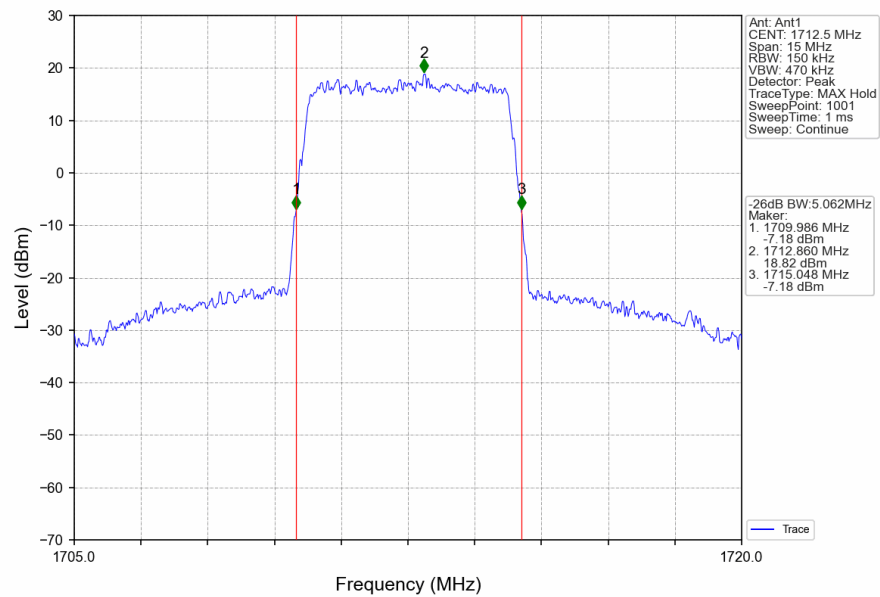
# Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



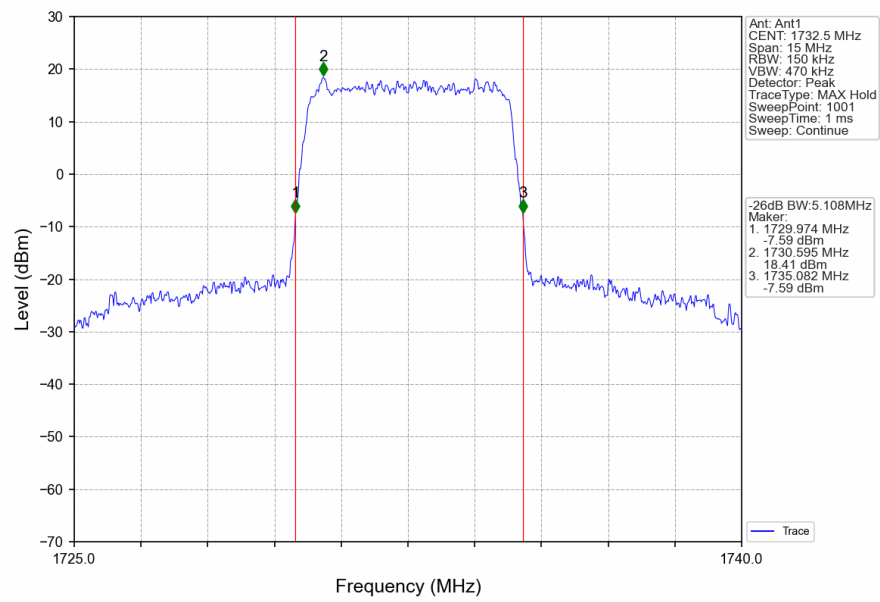
Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_25\_0\_NTNV



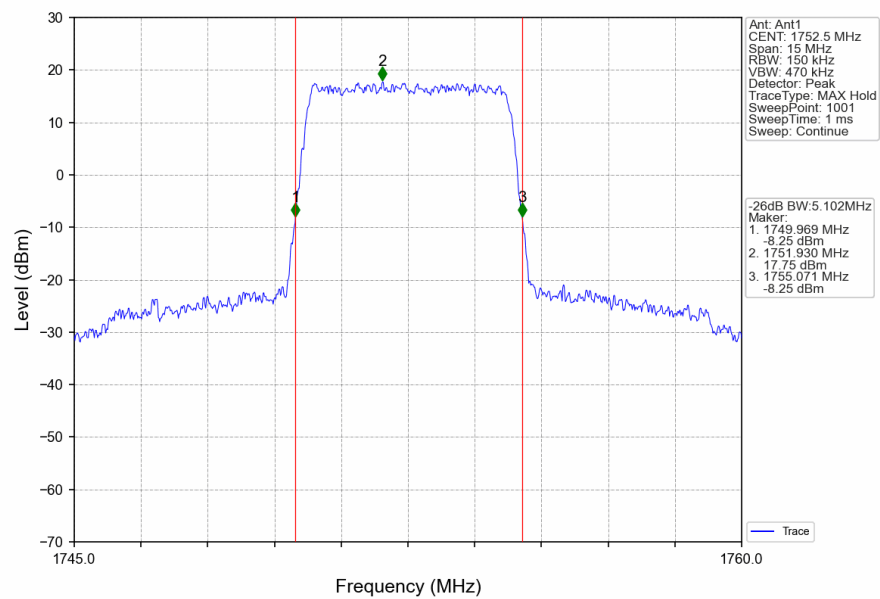
Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



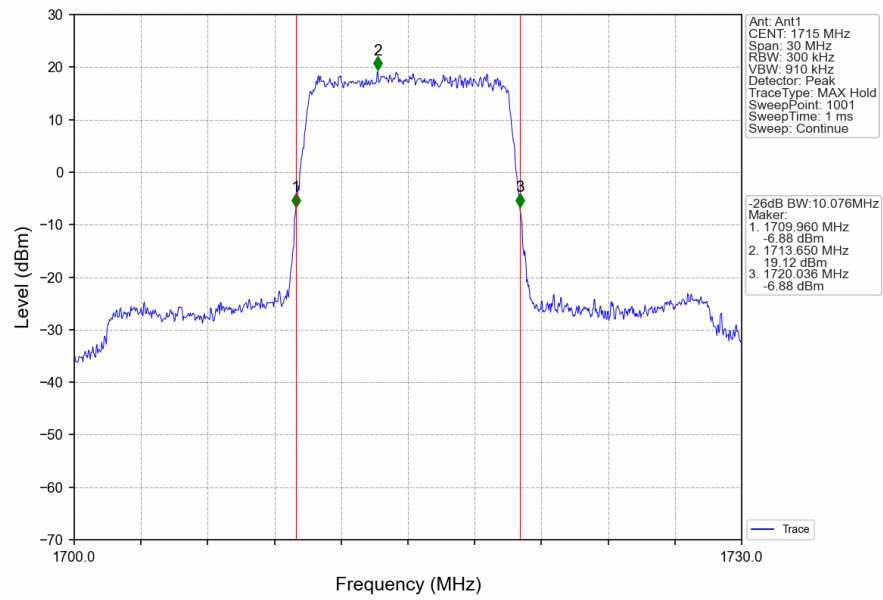
Band4\_5MHz\_16QAM\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



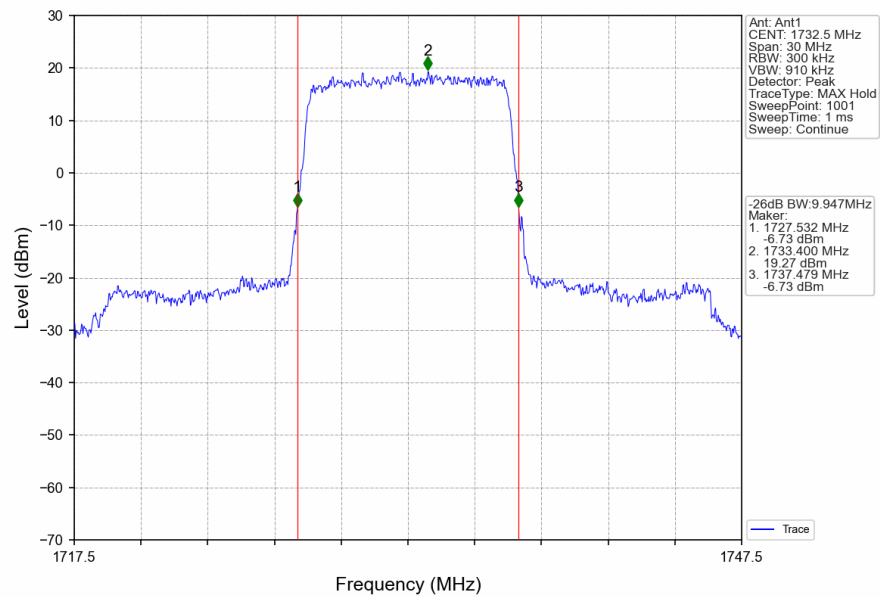
Band4\_5MHz\_16QAM\_HCH\_1752.5MHz\_RB\_25\_0\_NTNV



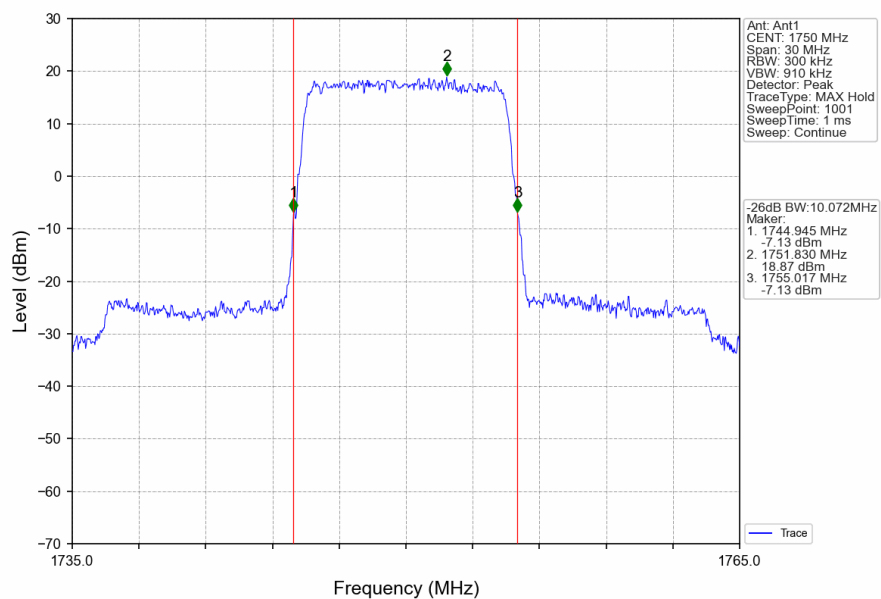
# Band4\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV



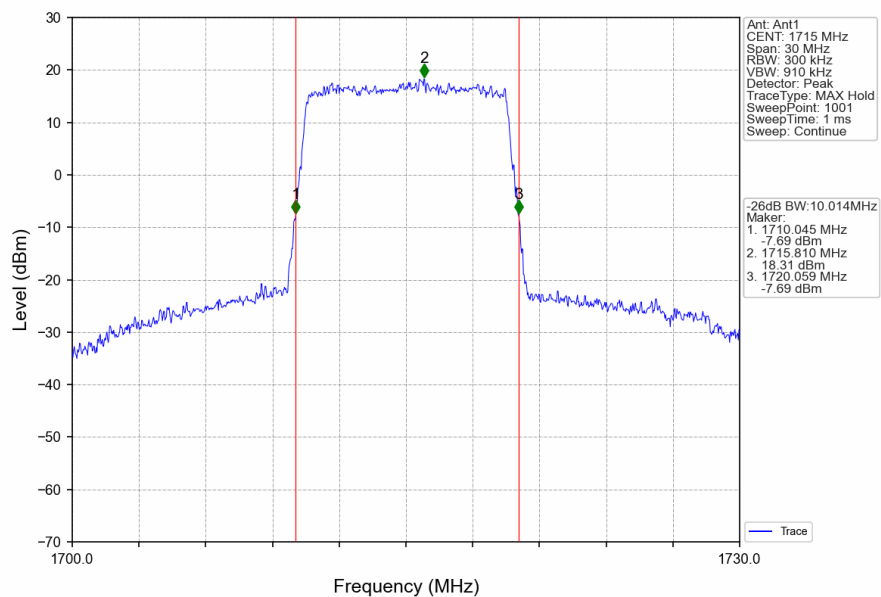
# Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_50\_0\_NTNV



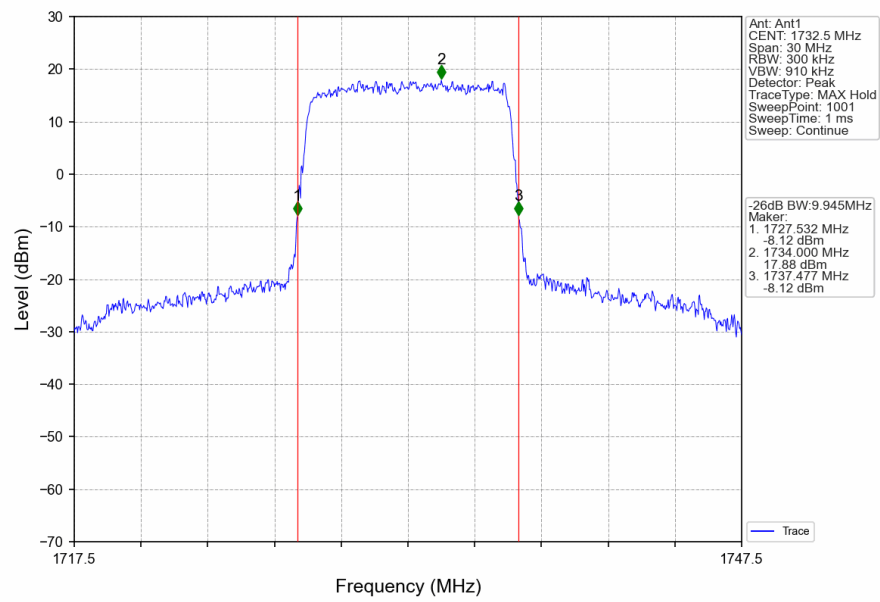
# Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_50\_0\_NTNV



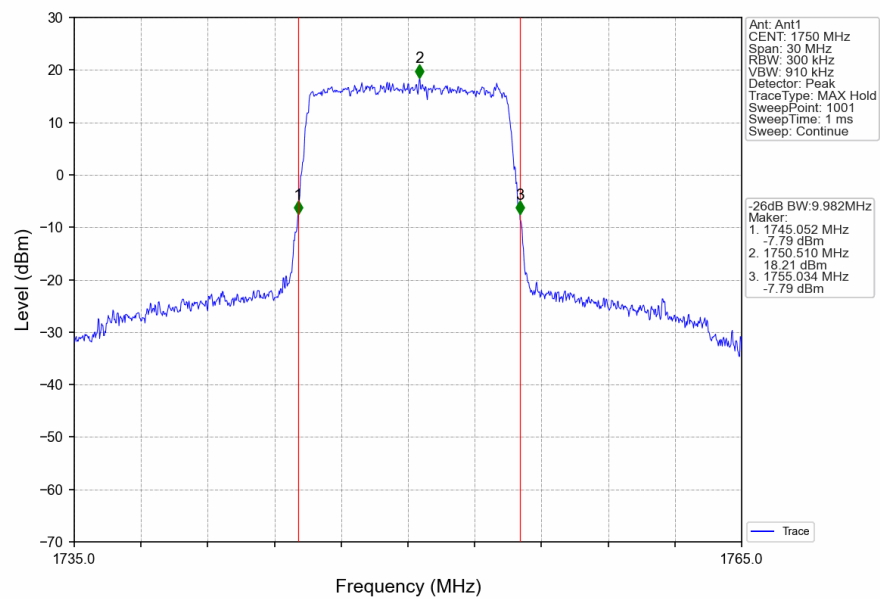
# Band4\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV



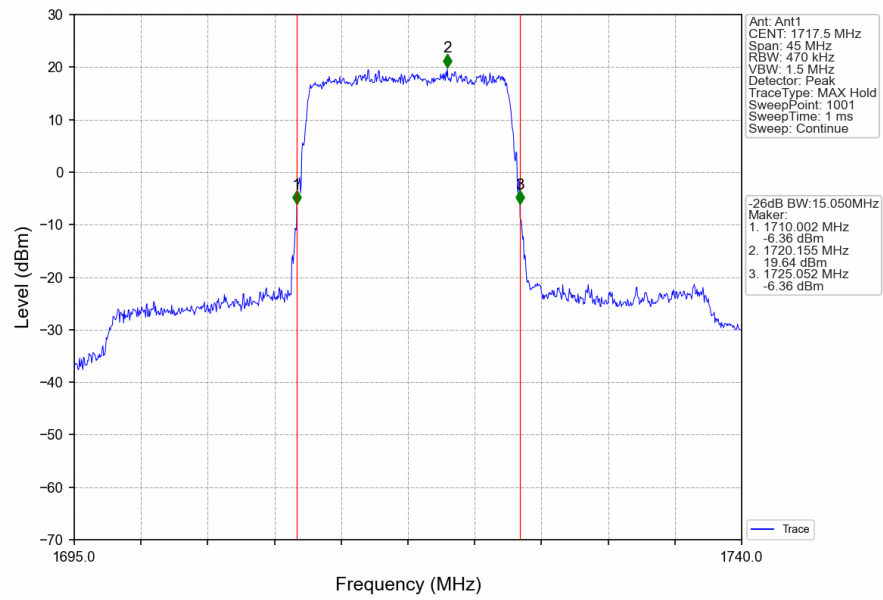
# Band4\_10MHz\_16QAM\_MCH\_1732.5MHz\_RB\_50\_0\_NTNV



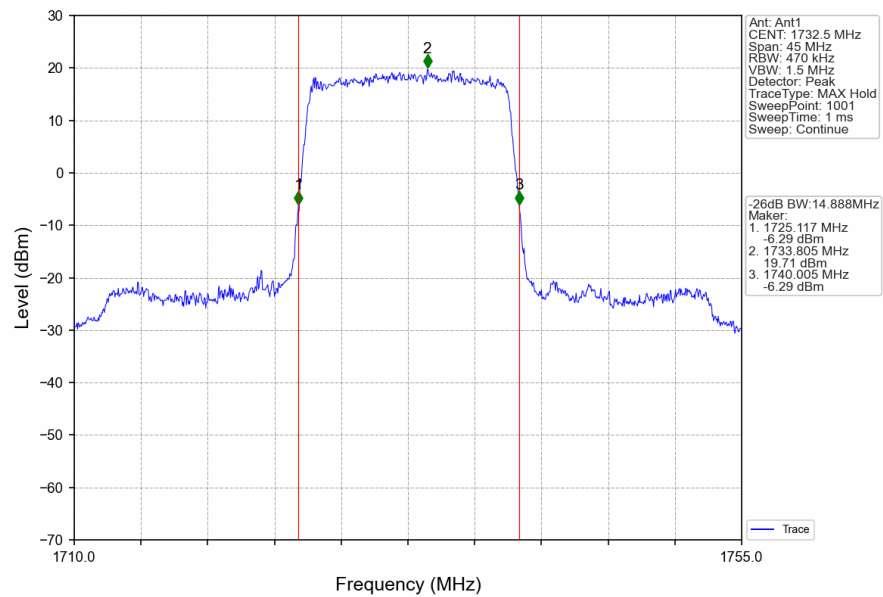
# Band4\_10MHz\_16QAM\_HCH\_1750MHz\_RB\_50\_0\_NTNV



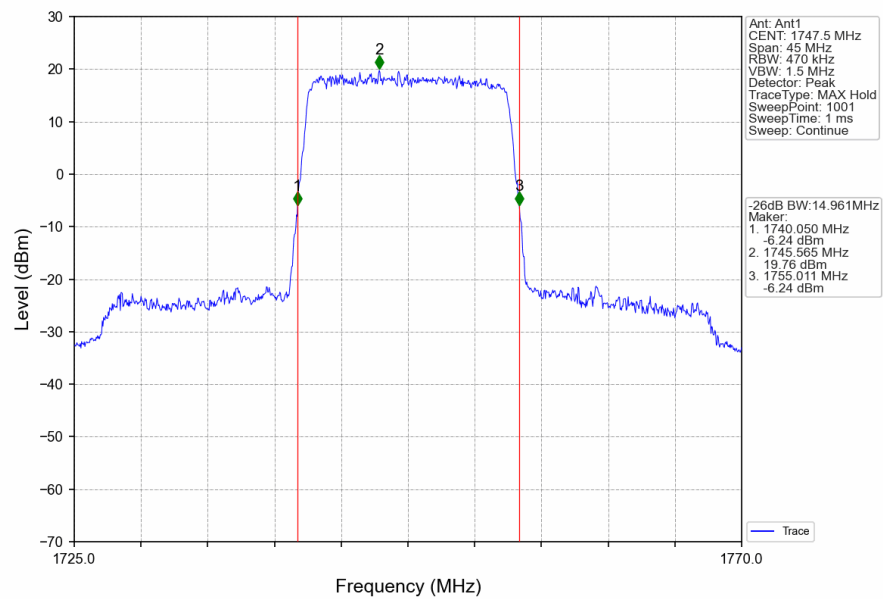
Band4\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



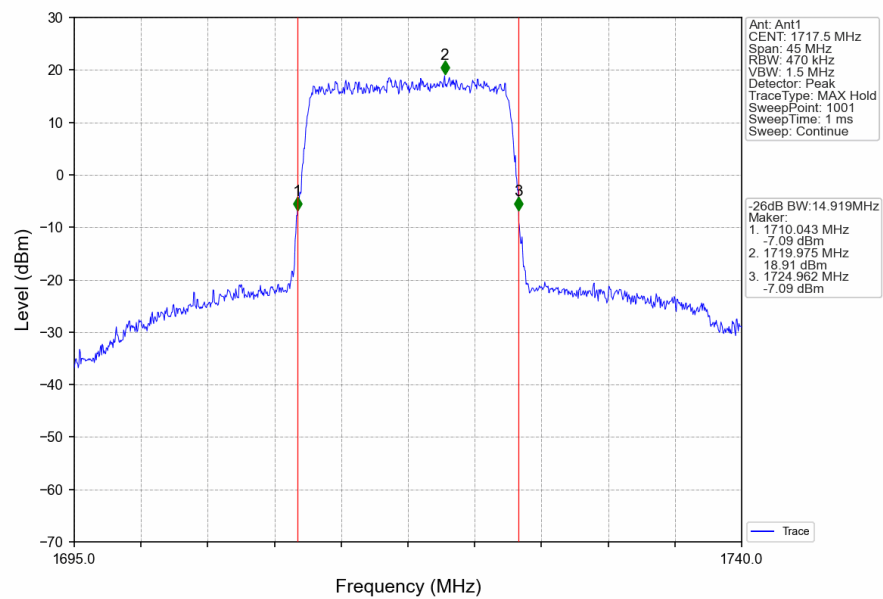
Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_75\_0\_NTNV



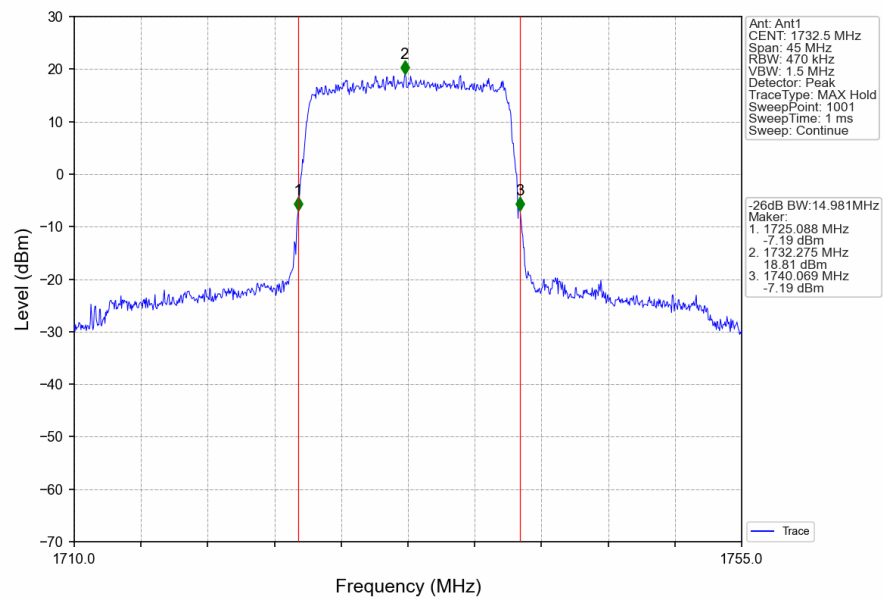
Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_75\_0\_NTNV



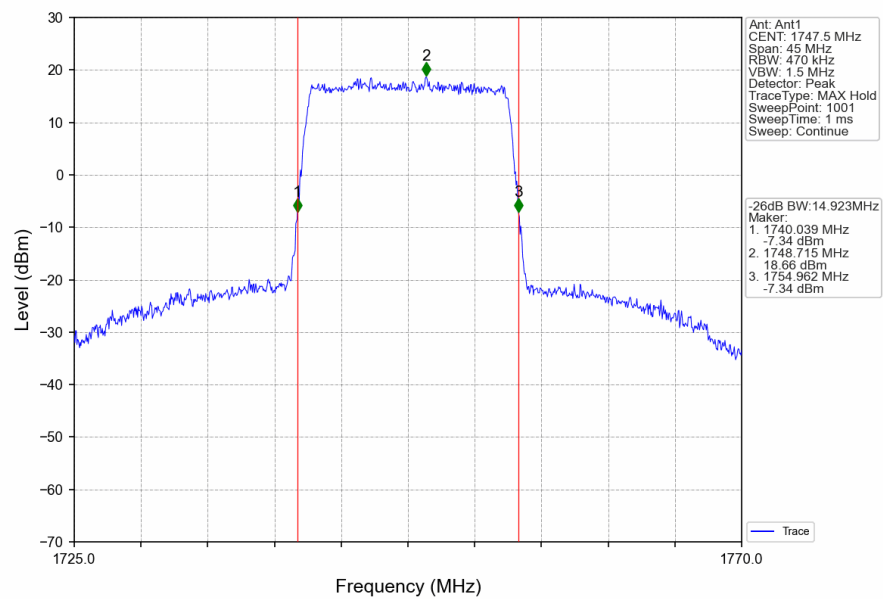
Band4\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



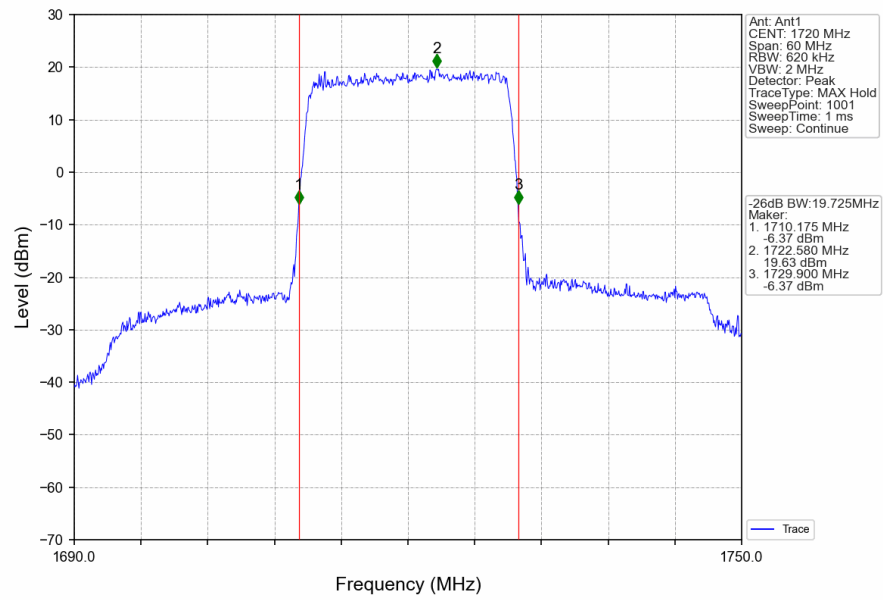
Band4\_15MHz\_16QAM\_MCH\_1732.5MHz\_RB\_75\_0\_NTNV



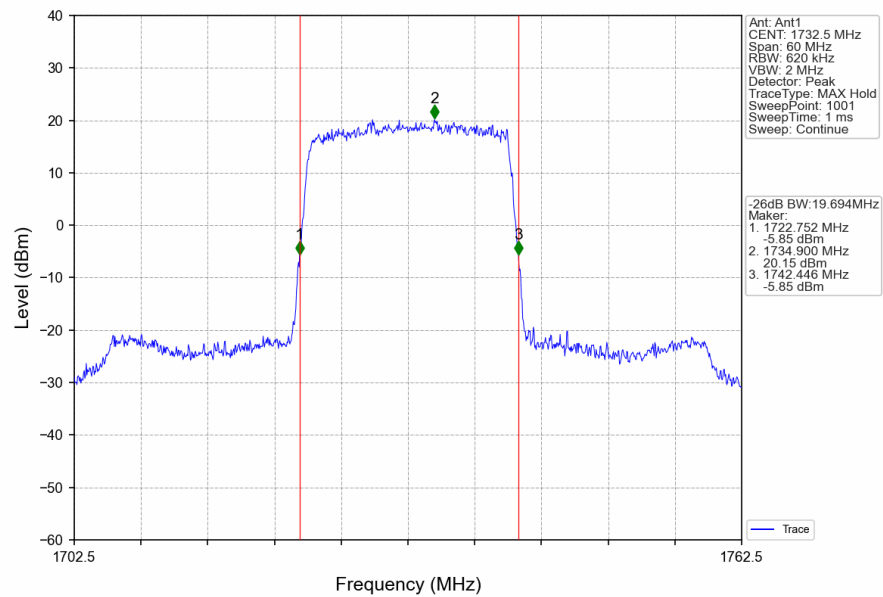
Band4\_15MHz\_16QAM\_HCH\_1747.5MHz\_RB\_75\_0\_NTNV



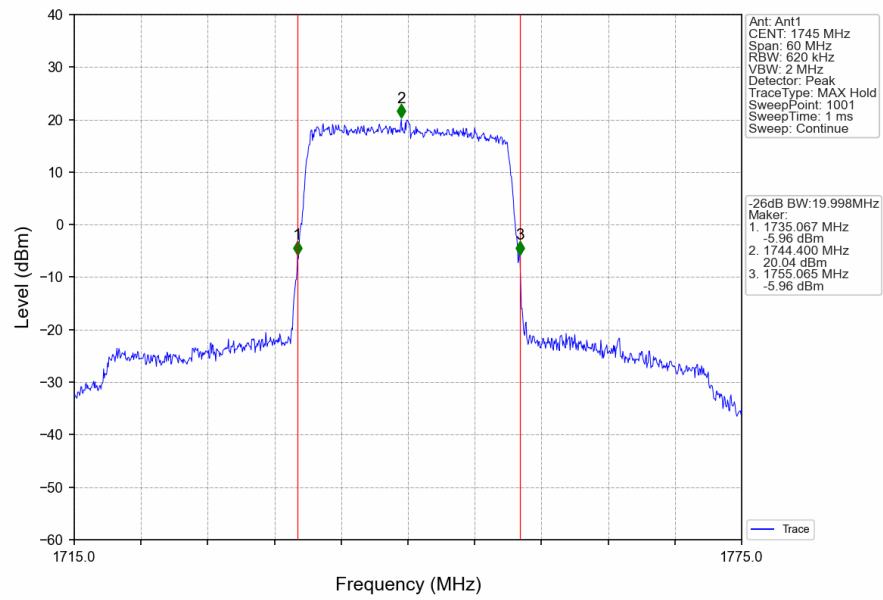
Band4\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV



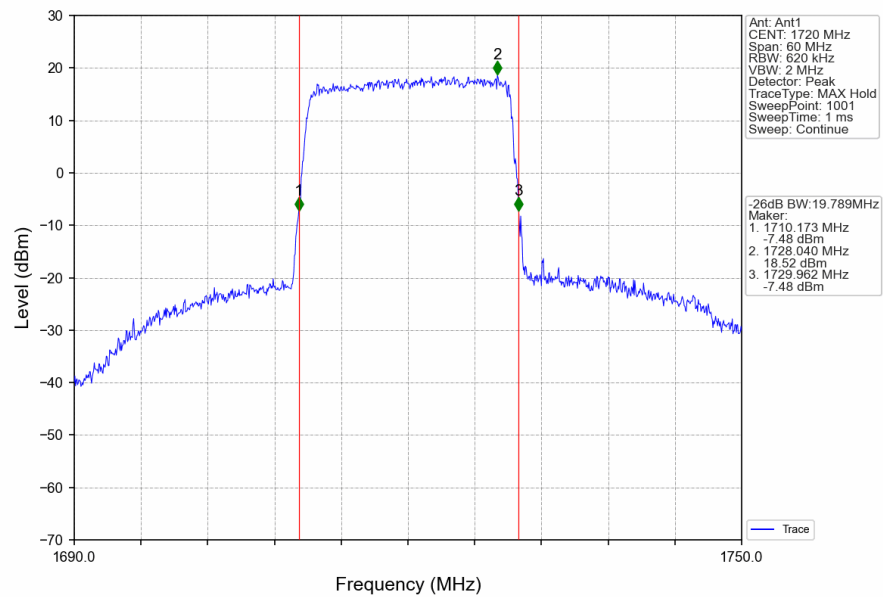
Band4\_20MHz\_QPSK\_MCH\_1732.5MHz\_RB\_100\_0\_NTNV



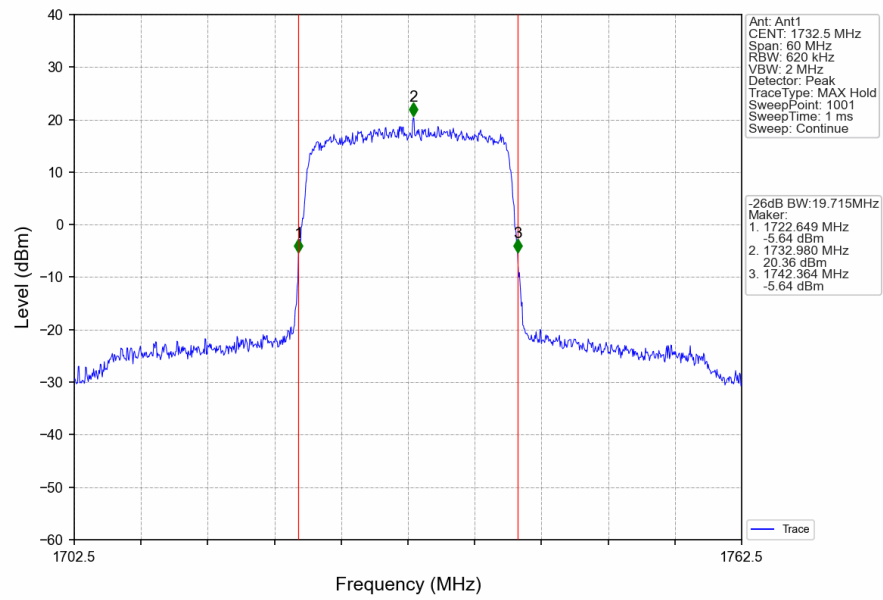
Band4\_20MHz\_QPSK\_HCH\_1745MHz\_RB\_100\_0\_NTNV



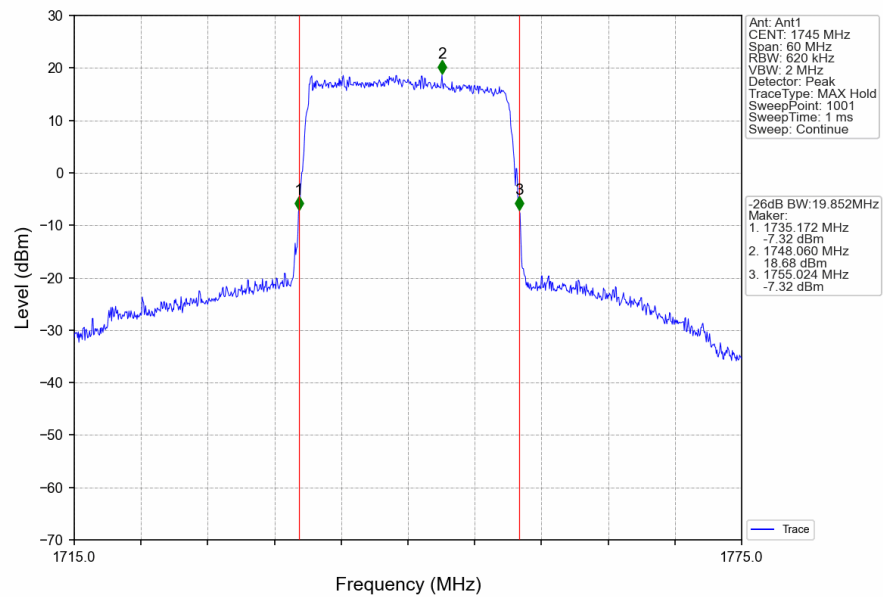
Band4\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



Band4\_20MHz\_16QAM\_MCH\_1732.5MHz\_RB\_100\_0\_NTNV



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



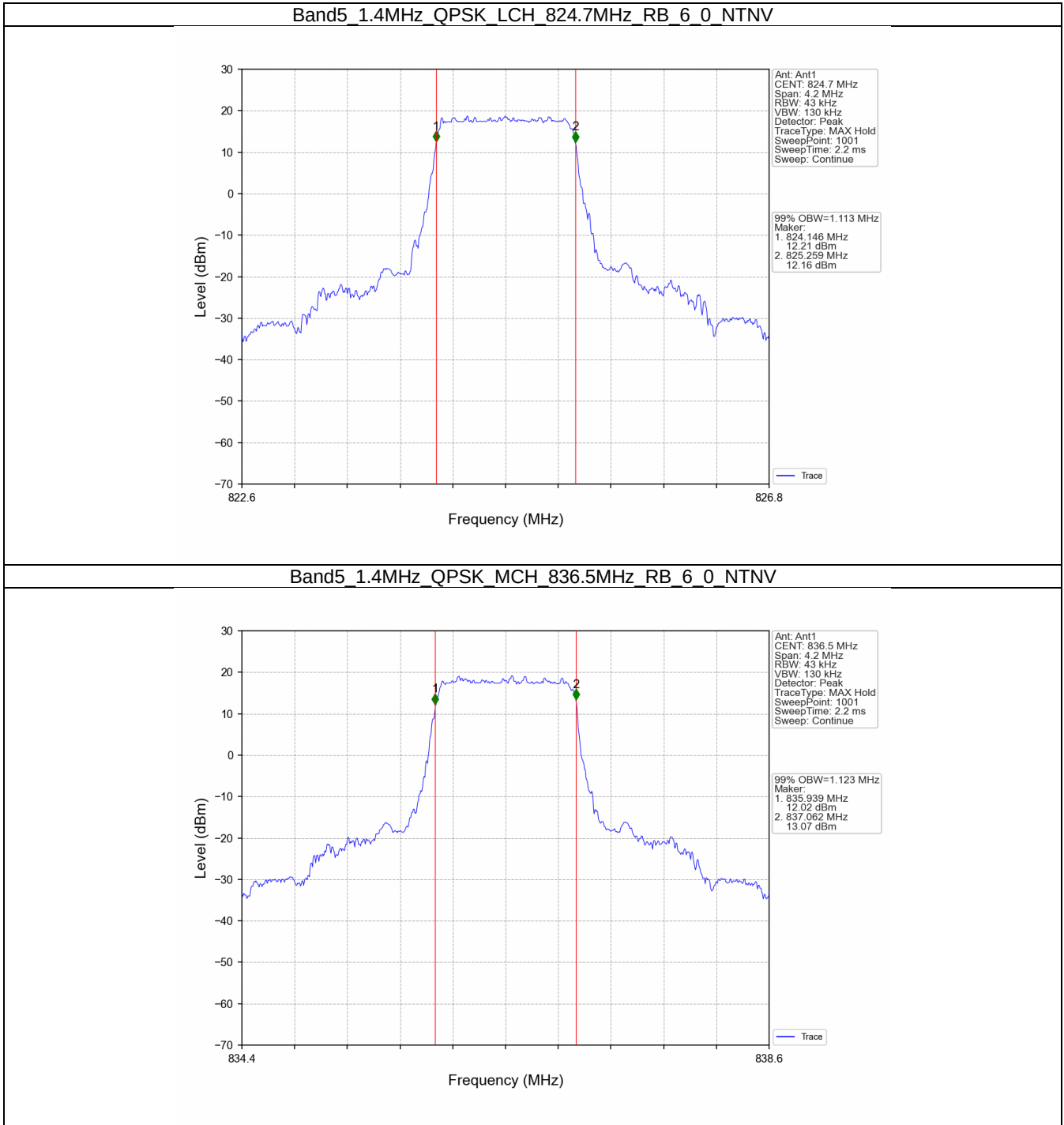
## 6. 99% & 26dB Bandwidth

### 6.1 Band5\_OBW

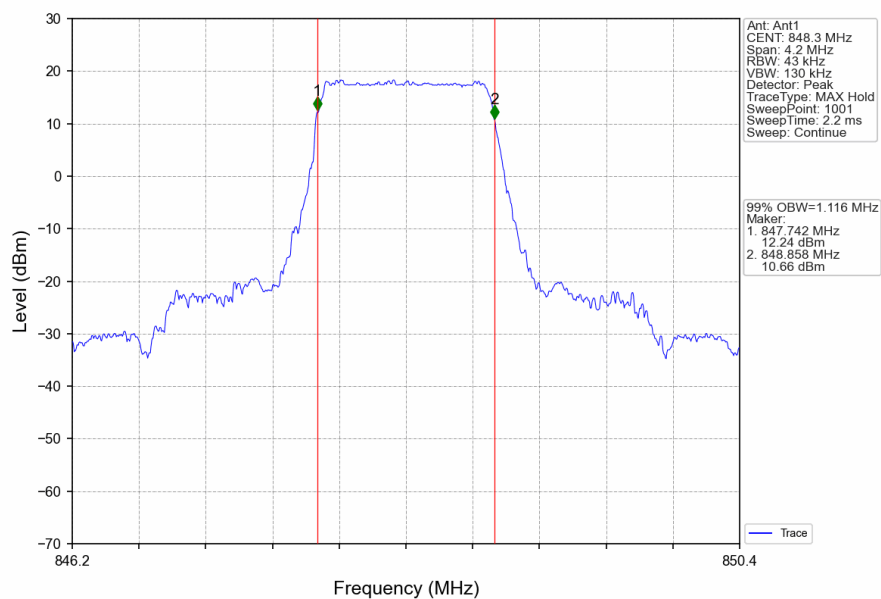
#### 6.1.1 Test Result

| Band: 5 / NTN   |            |                 |               |        |                              |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result                       |         |
| 1.4             | QPSK       | 824.7           | 6             | 0      | 1.113                        | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.123                        | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.116                        | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.108                        | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.107                        | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.114                        | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 2.743                        | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.743                        | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.739                        | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 2.748                        | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.738                        | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.731                        | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 4.573                        | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.548                        | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.545                        | Pass    |
|                 | 16QAM      | 826.5           | 25            | 0      | 4.558                        | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.561                        | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.557                        | Pass    |
| 10              | QPSK       | 829             | 50            | 0      | 9.031                        | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.009                        | Pass    |
|                 |            | 844             | 50            | 0      | 9.031                        | Pass    |
|                 | 16QAM      | 829             | 50            | 0      | 9.016                        | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.032                        | Pass    |
|                 |            | 844             | 50            | 0      | 9.017                        | Pass    |

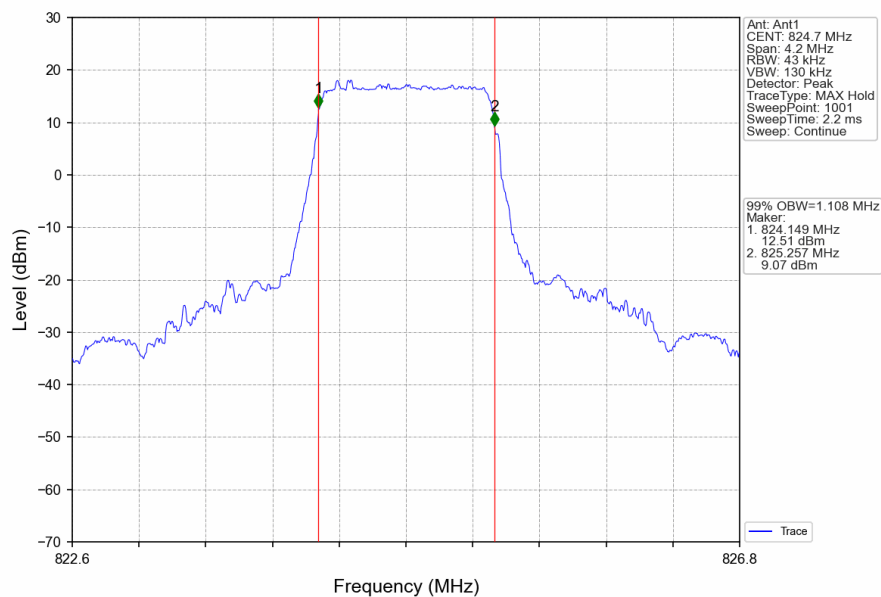
6.1.2 Test Graph



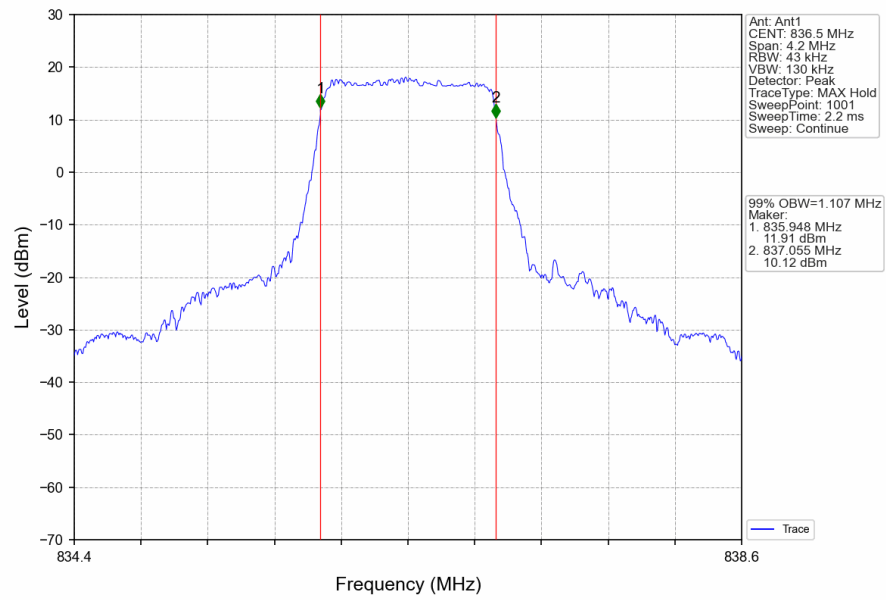
# Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



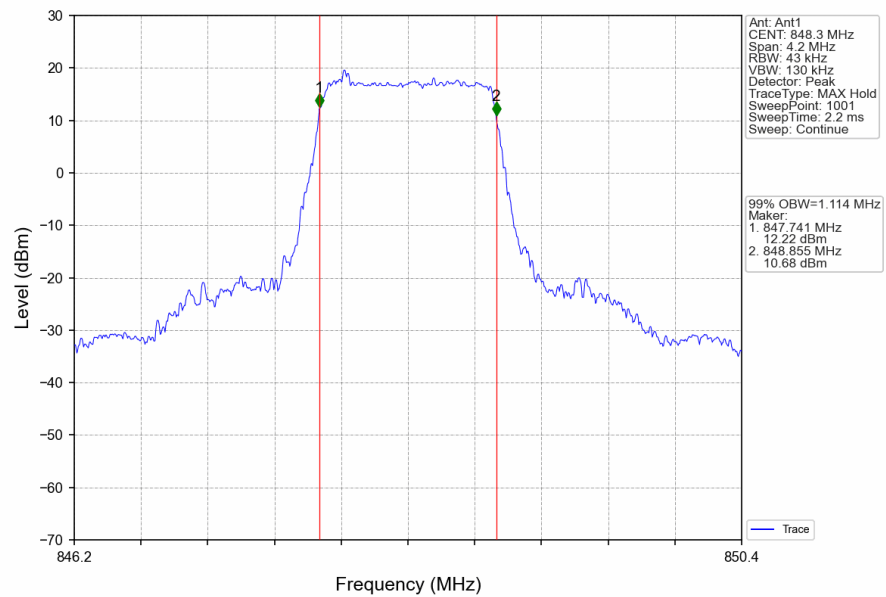
# Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



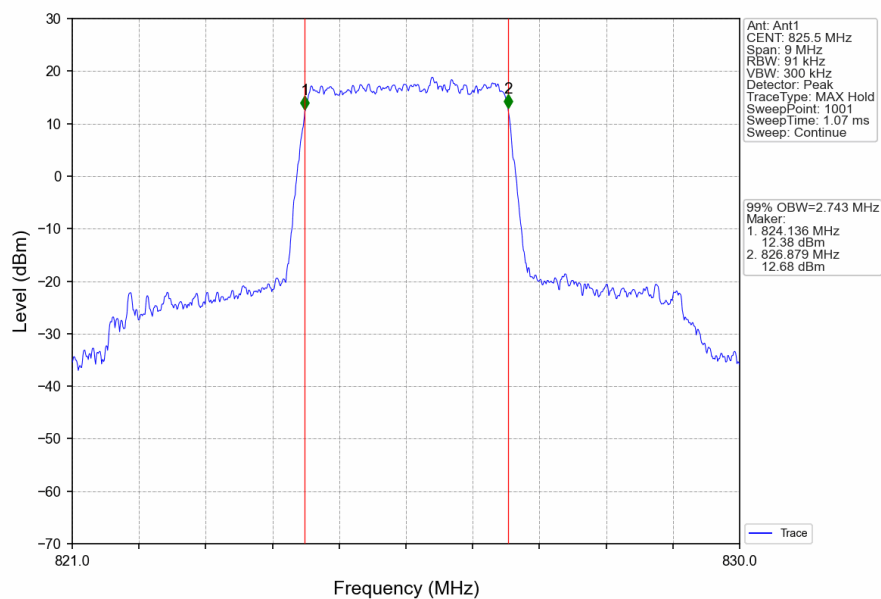
Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



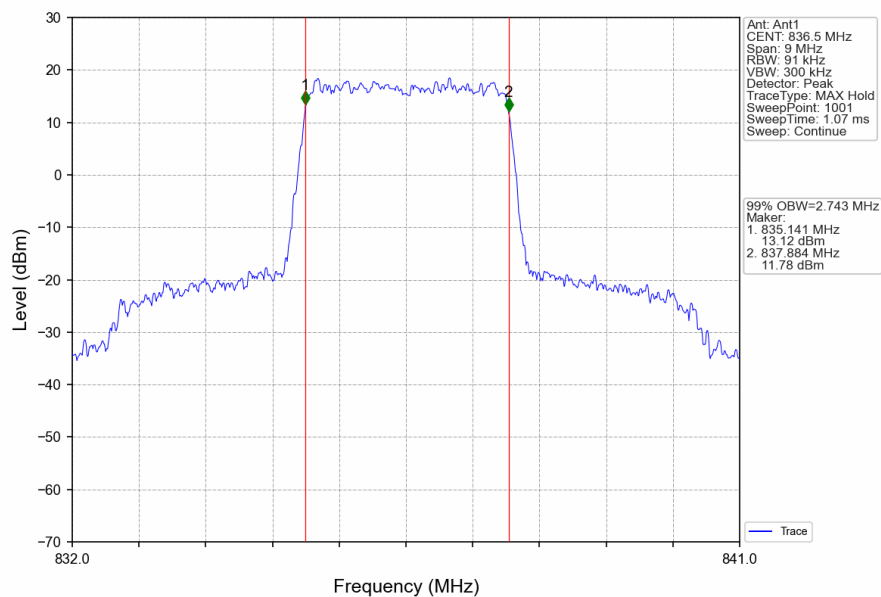
Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



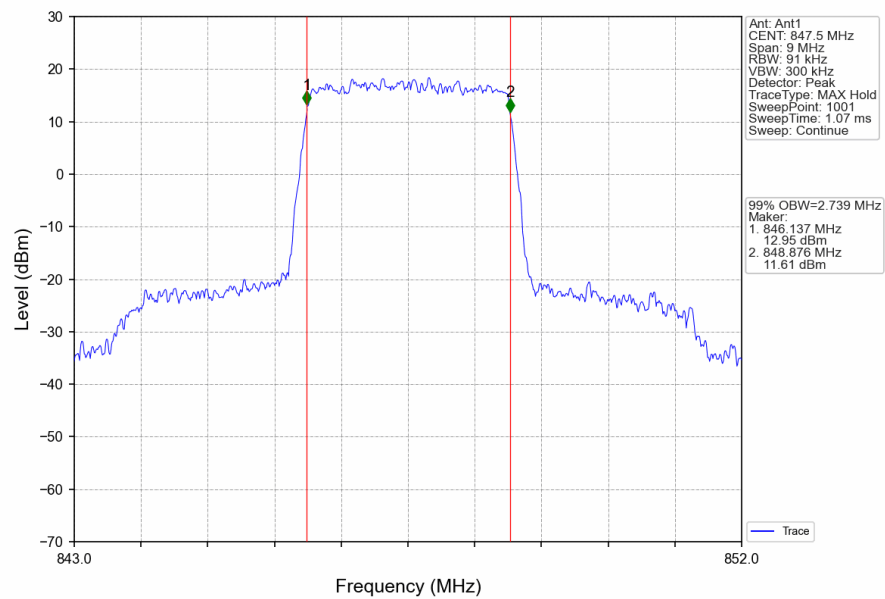
Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



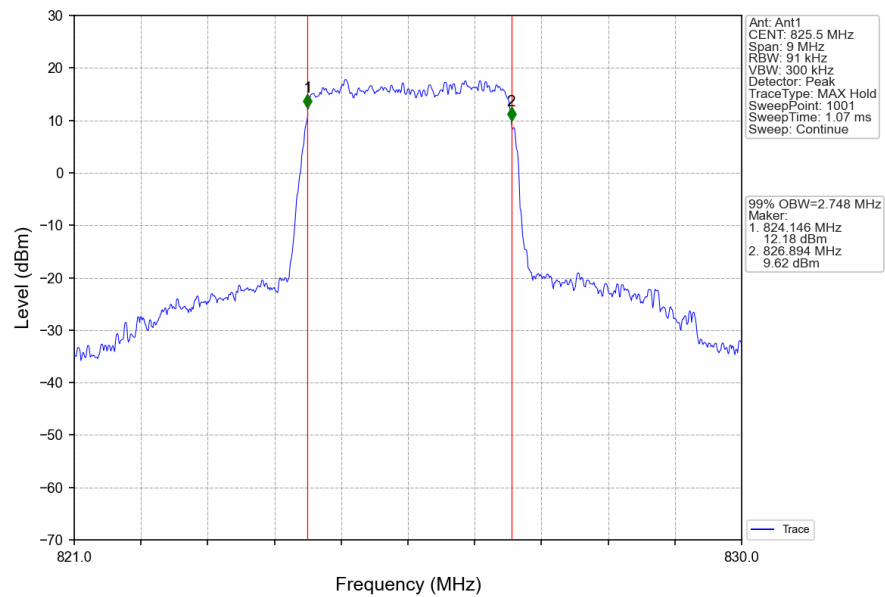
Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



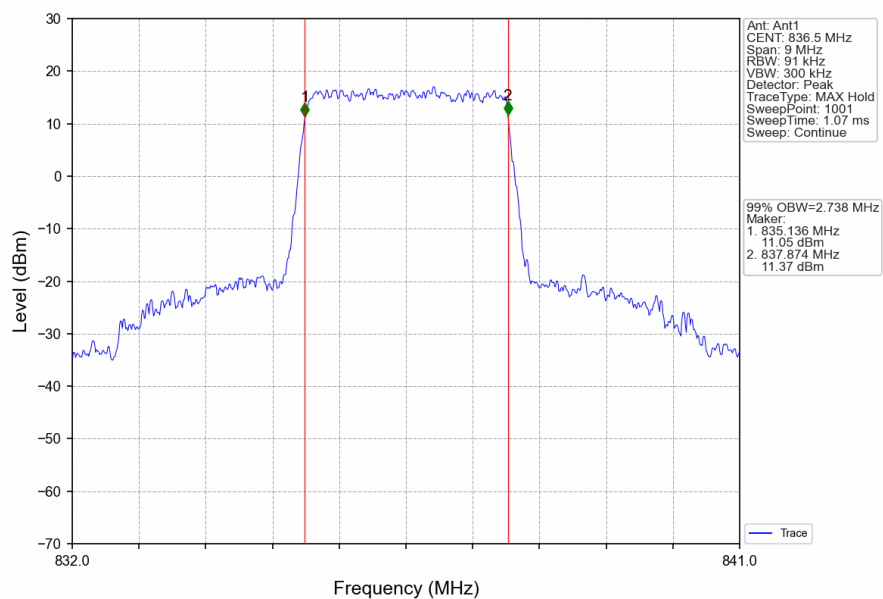
Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



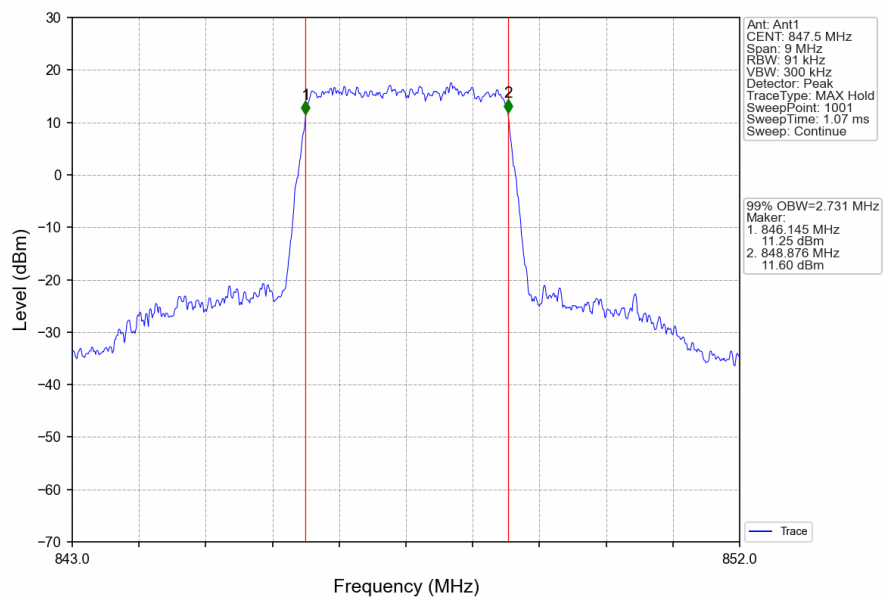
Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



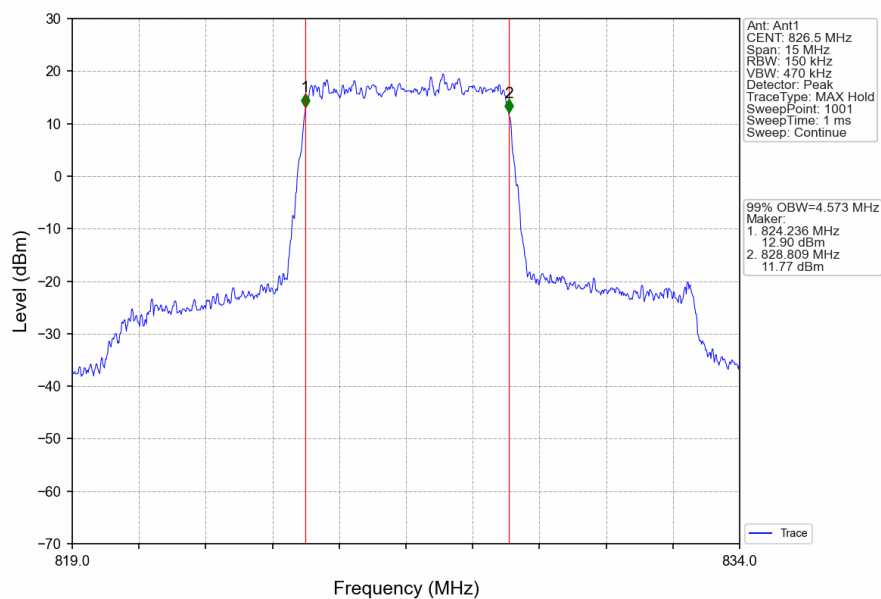
Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



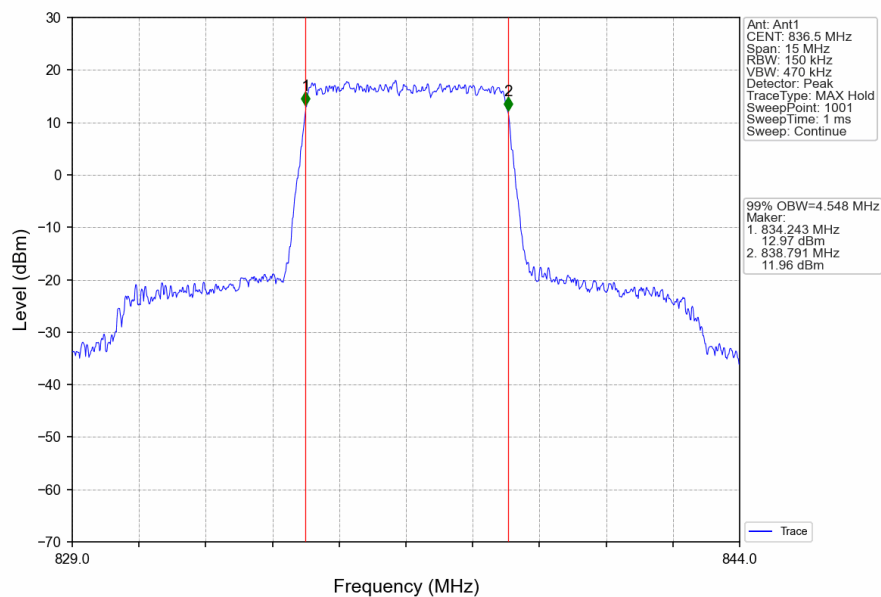
Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



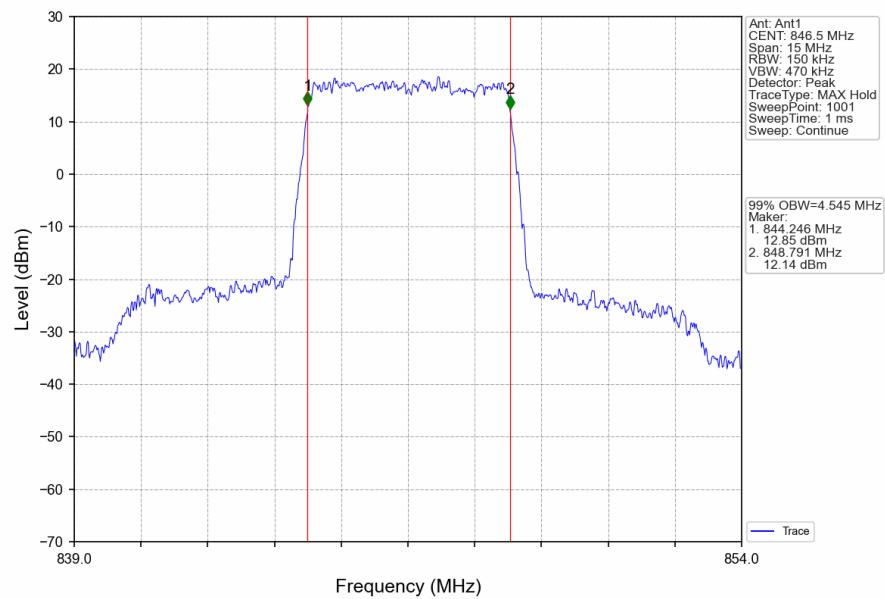
# Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



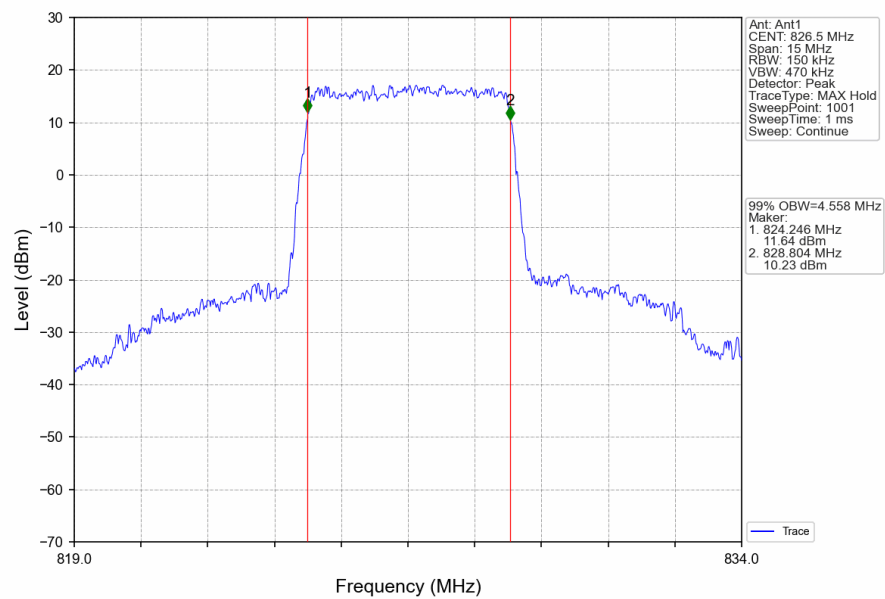
# Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



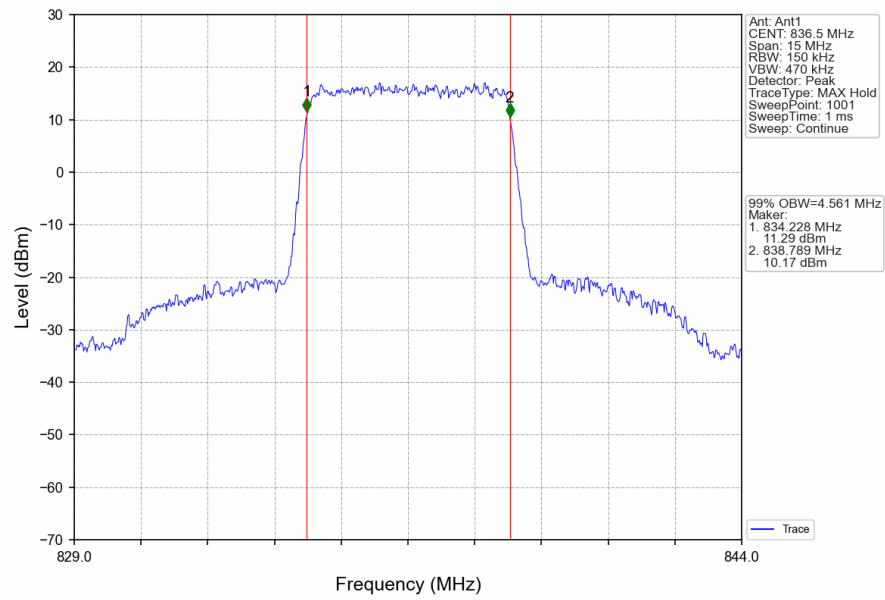
Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



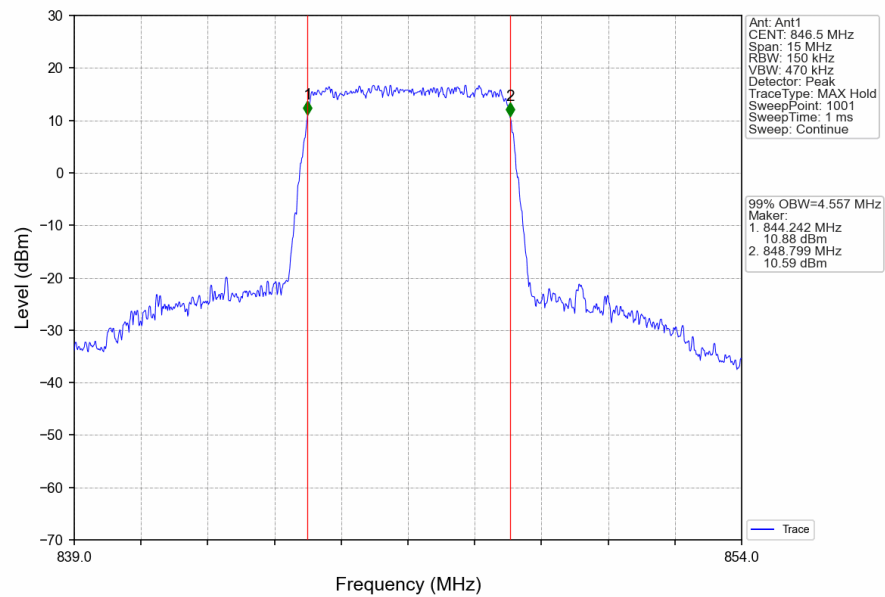
Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



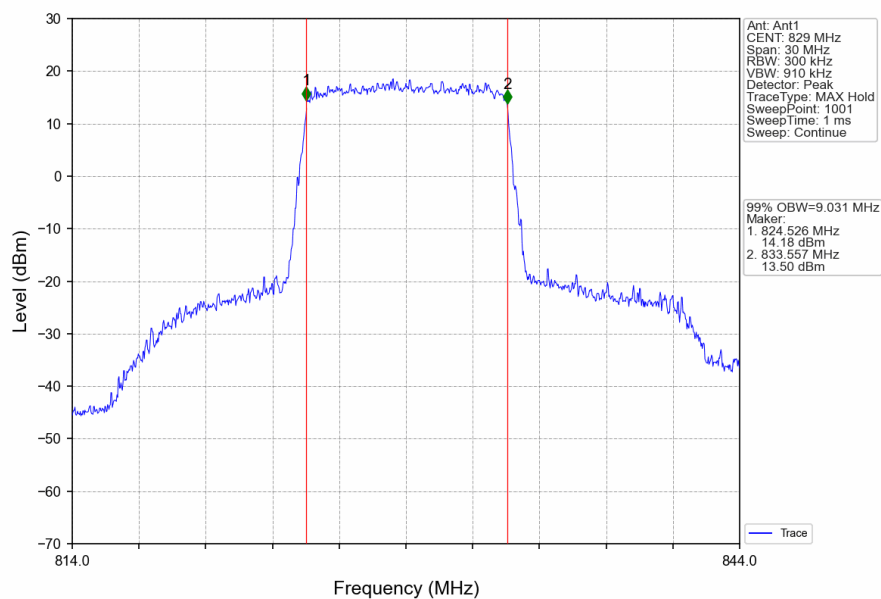
Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



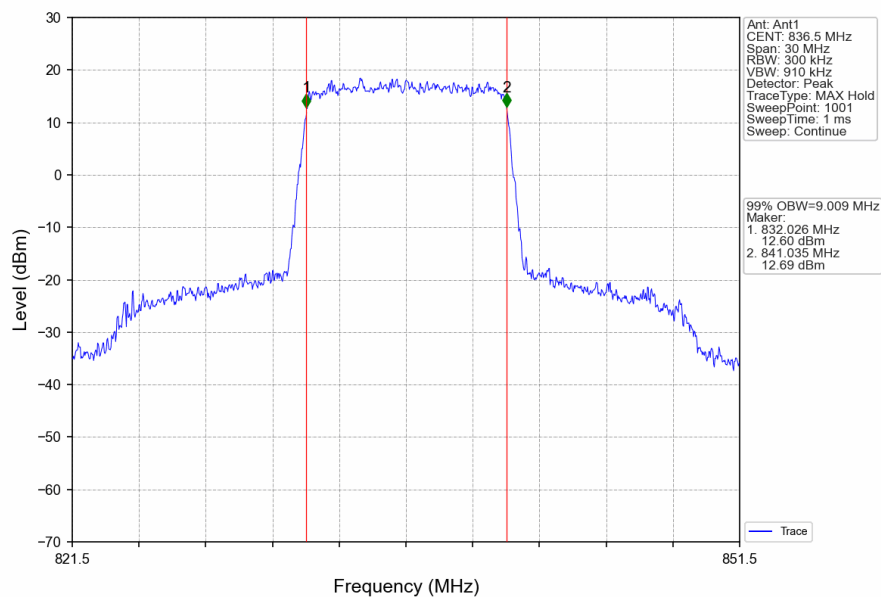
Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



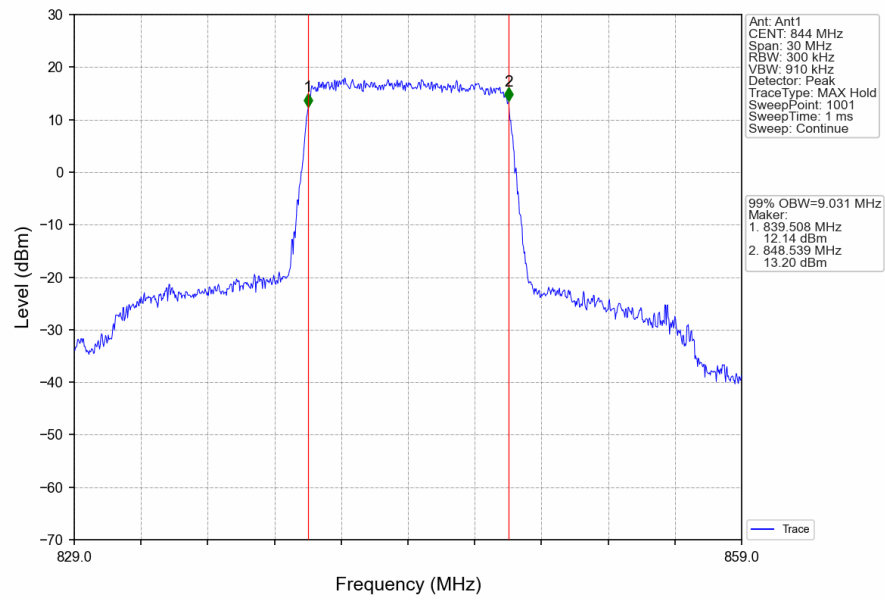
# Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



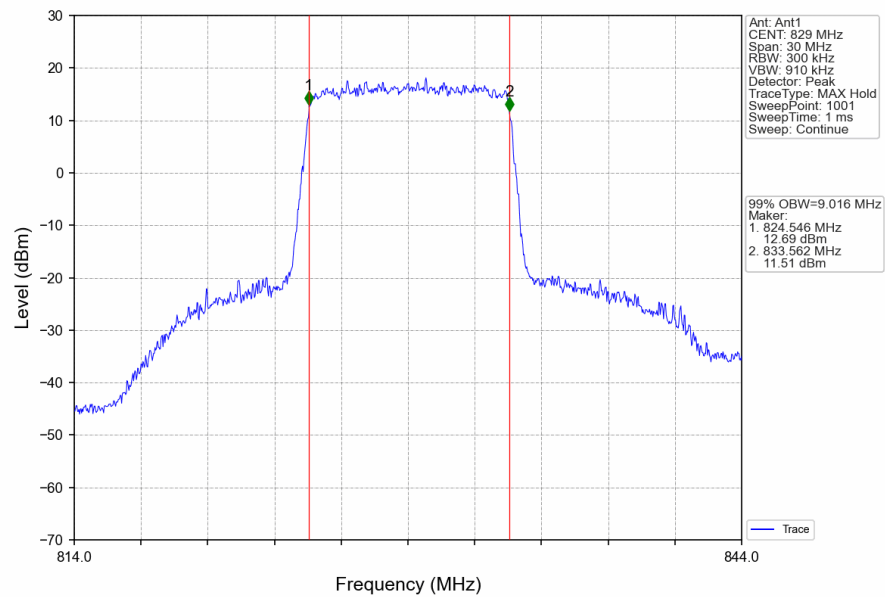
# Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



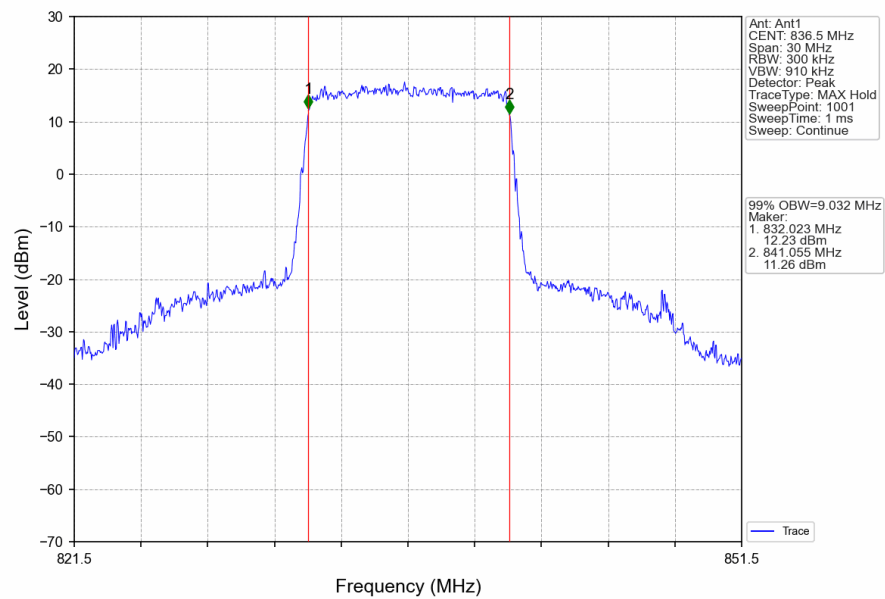
Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



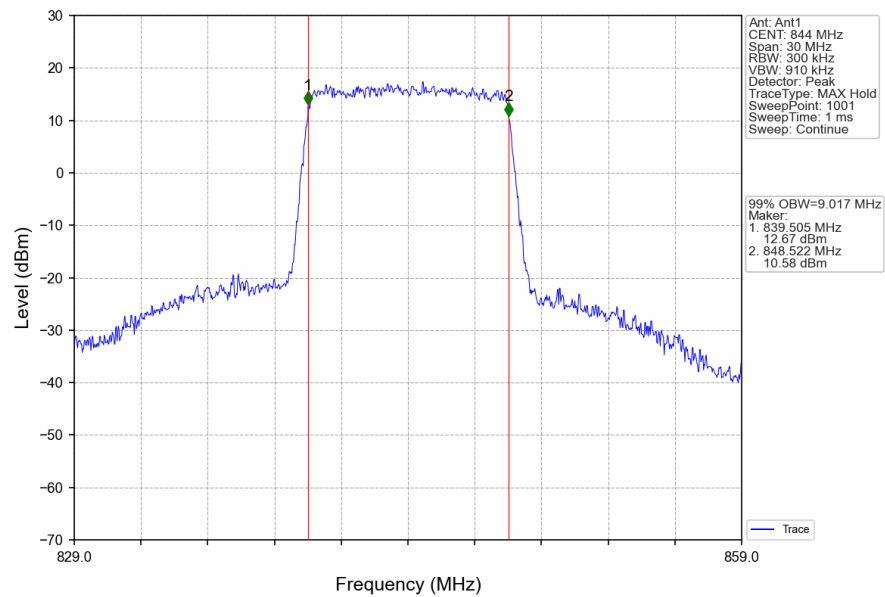
Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV

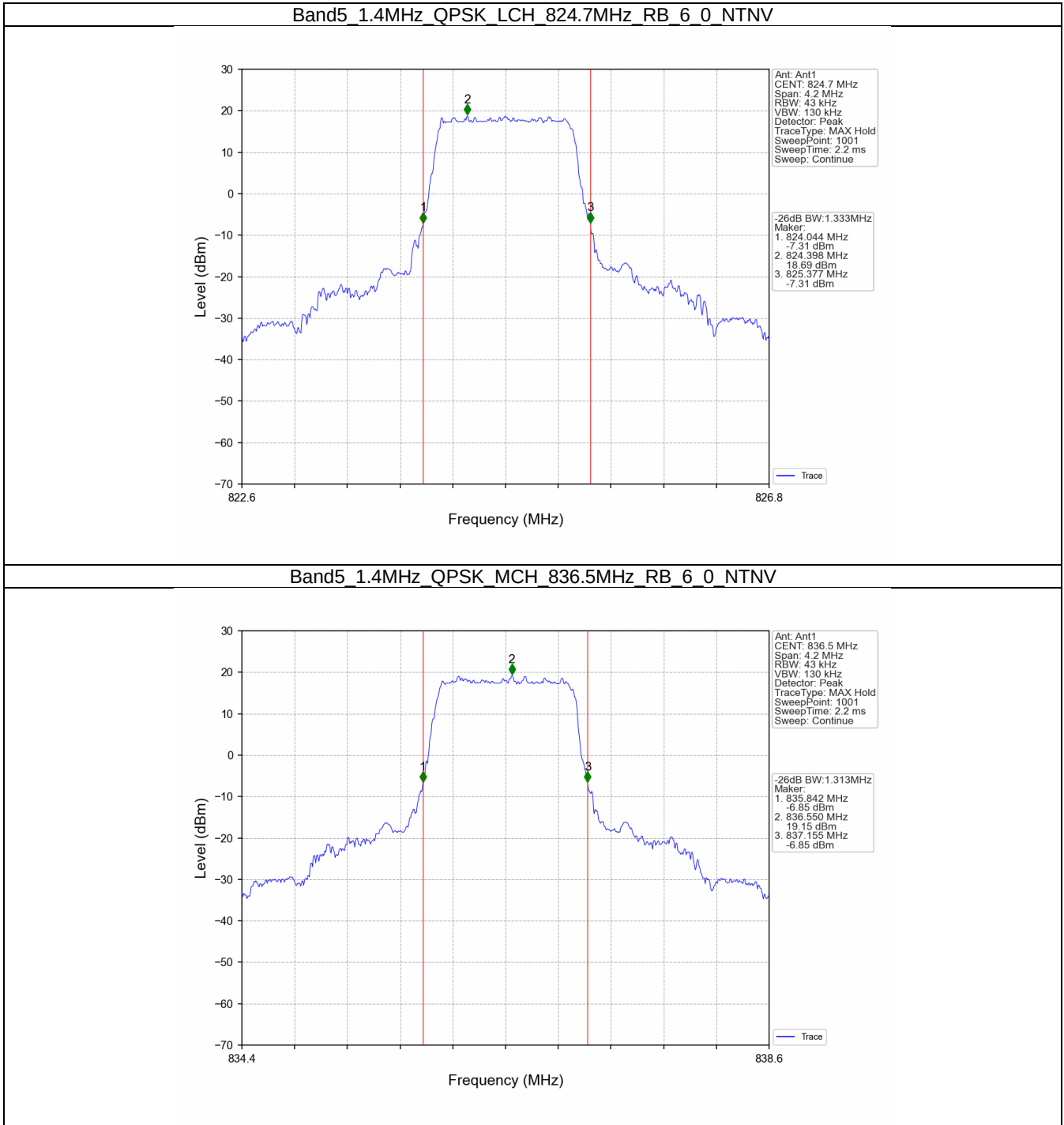


## 6.2 Band5\_XDB

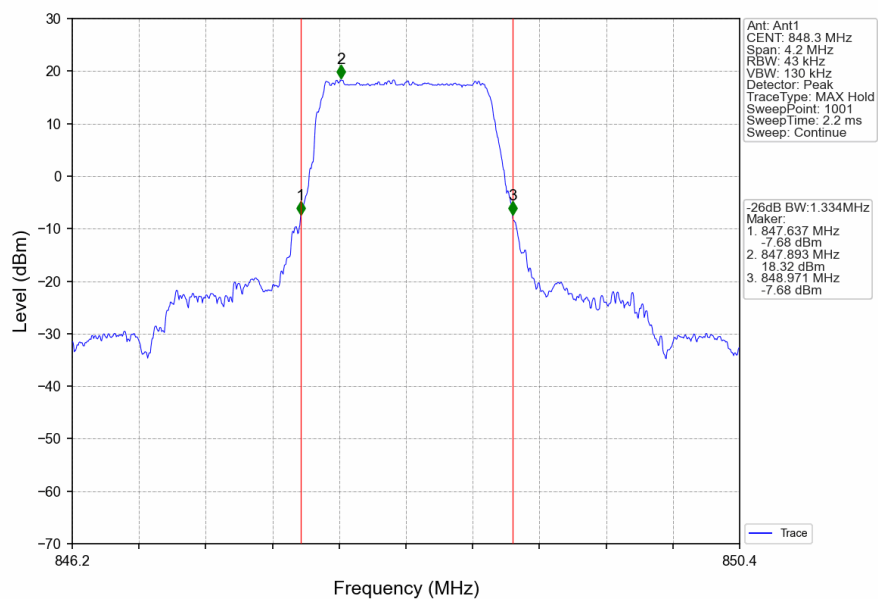
### 6.2.1 Test Result

| Band: 5 / NTNV  |            |                 |               |        |                      |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result               |         |
| 1.4             | QPSK       | 824.7           | 6             | 0      | 1.333                | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.313                | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.334                | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.306                | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.345                | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.318                | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 3.057                | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.056                | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.072                | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 3.047                | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.078                | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.069                | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 5.057                | Pass    |
|                 |            | 836.5           | 25            | 0      | 5.098                | Pass    |
|                 |            | 846.5           | 25            | 0      | 5.078                | Pass    |
|                 | 16QAM      | 826.5           | 25            | 0      | 5.094                | Pass    |
|                 |            | 836.5           | 25            | 0      | 5.092                | Pass    |
|                 |            | 846.5           | 25            | 0      | 5.136                | Pass    |
| 10              | QPSK       | 829             | 50            | 0      | 10.051               | Pass    |
|                 |            | 836.5           | 50            | 0      | 10.022               | Pass    |
|                 |            | 844             | 50            | 0      | 10.053               | Pass    |
|                 | 16QAM      | 829             | 50            | 0      | 9.982                | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.952                | Pass    |
|                 |            | 844             | 50            | 0      | 9.947                | Pass    |

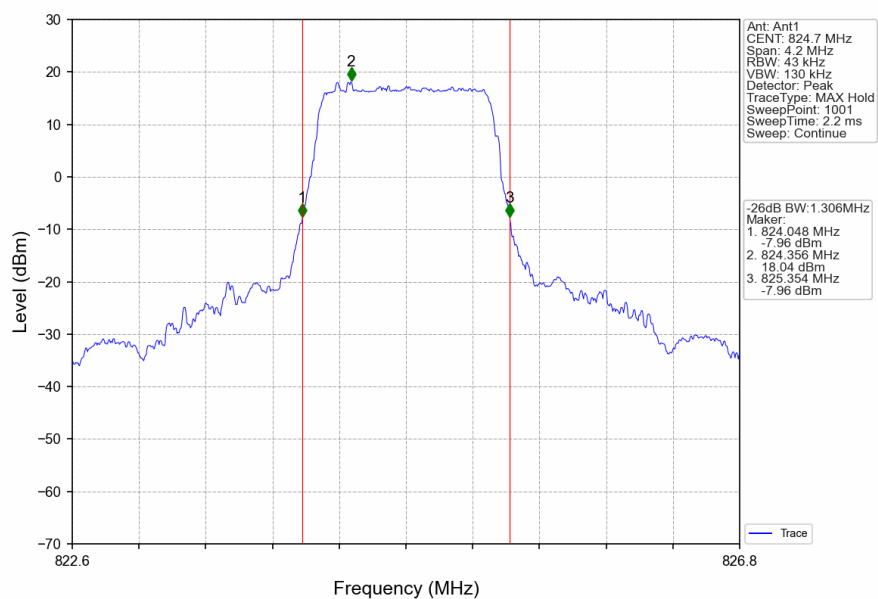
6.2.2 Test Graph



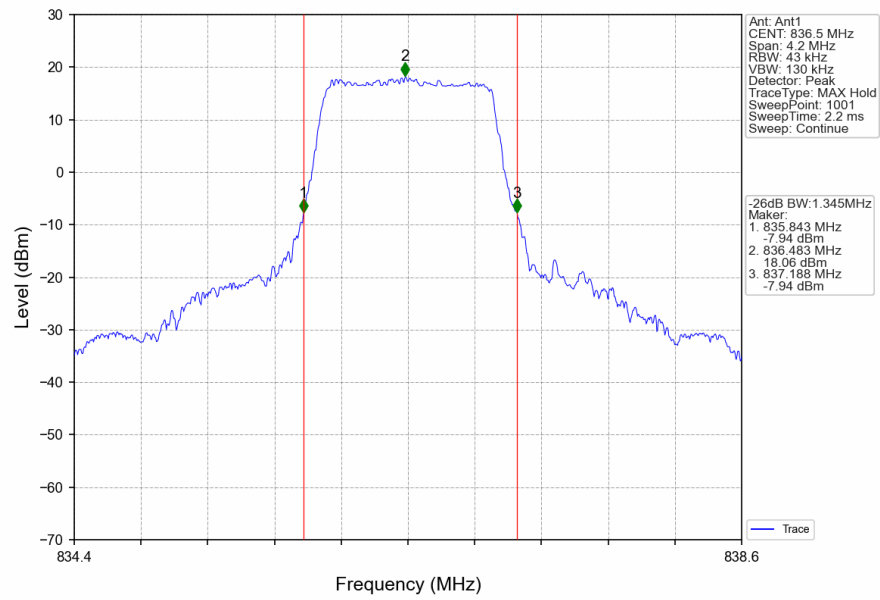
# Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



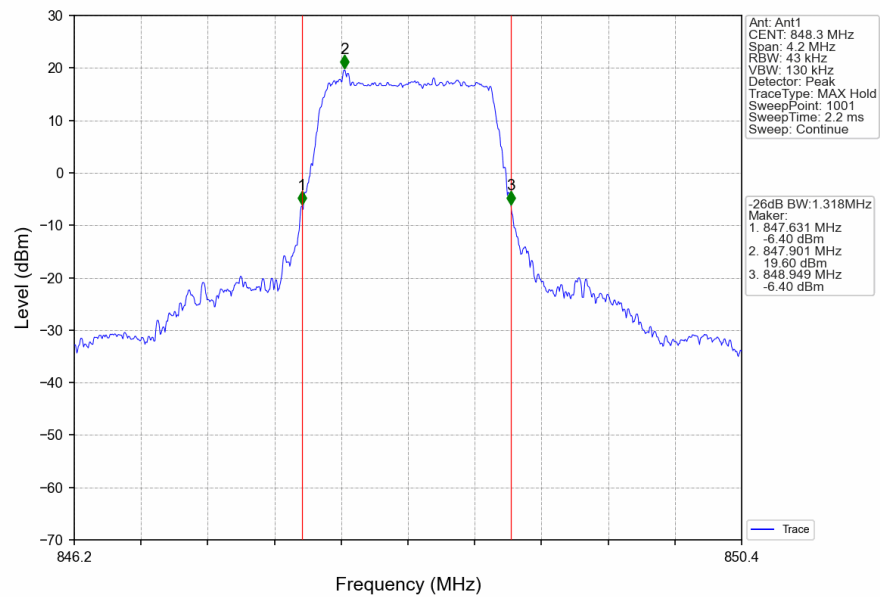
# Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



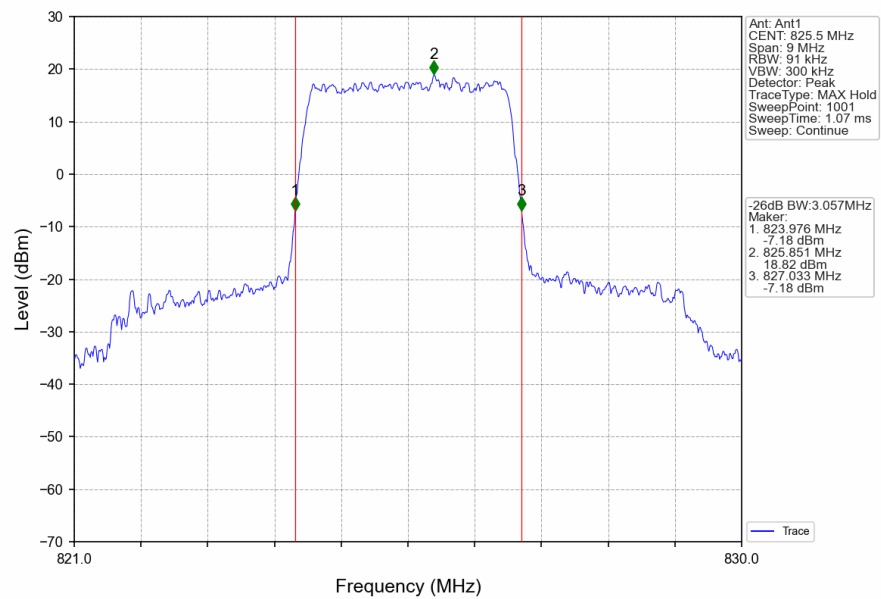
Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



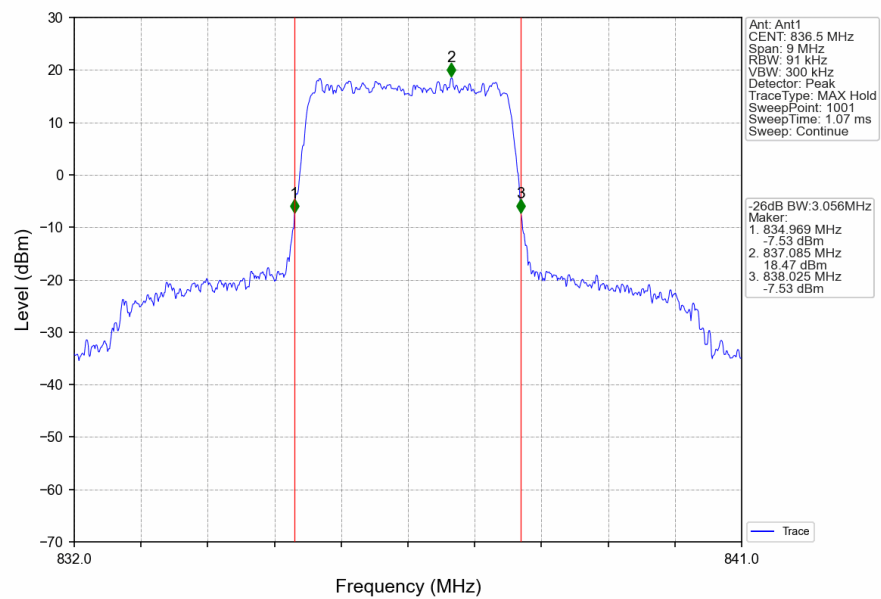
Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



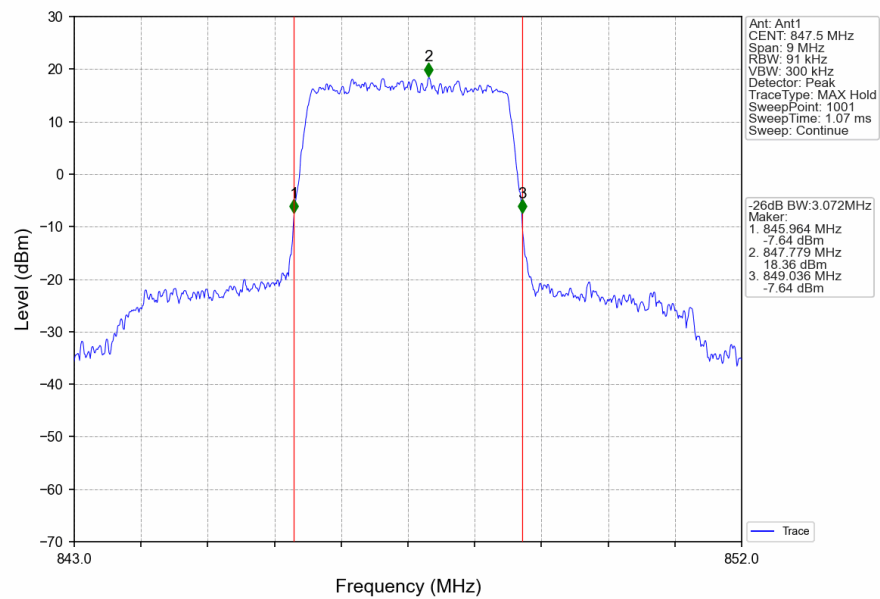
Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



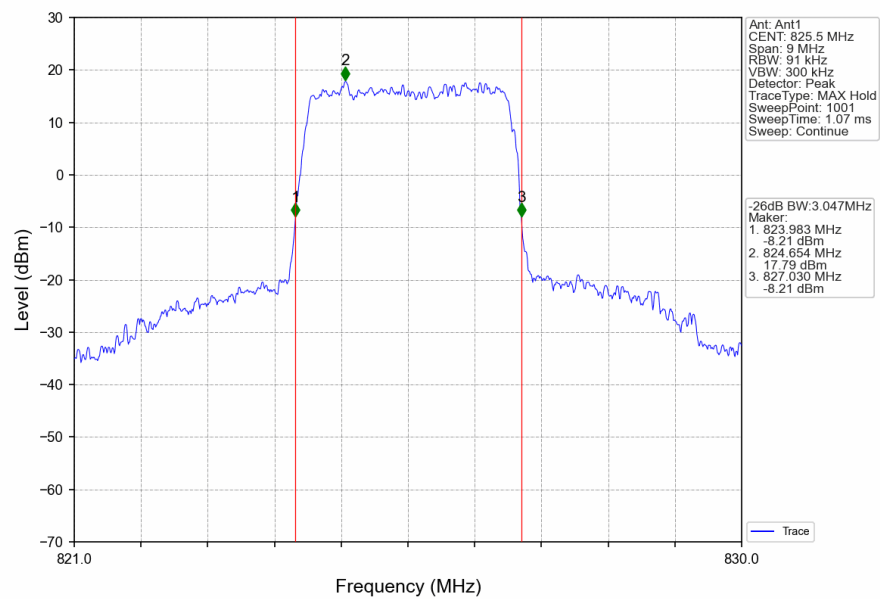
Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



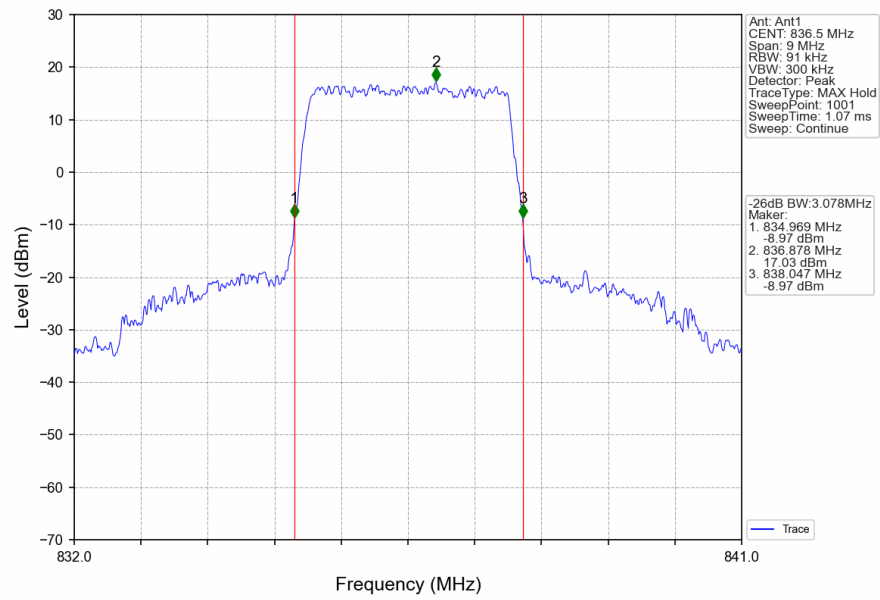
Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



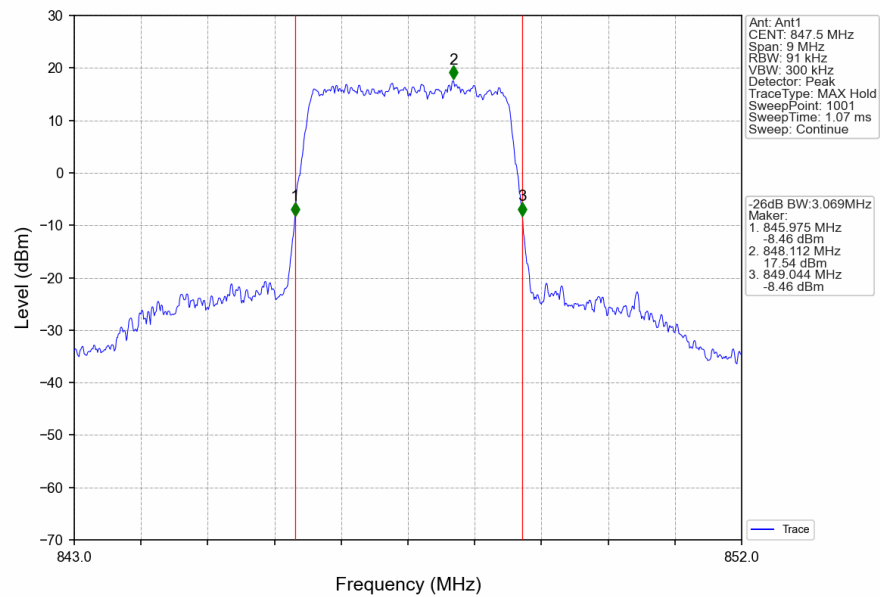
Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



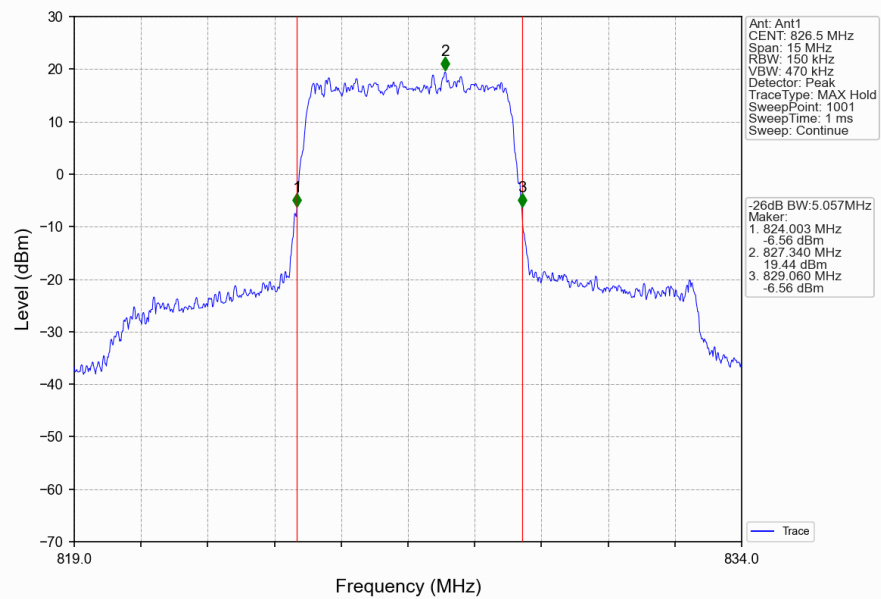
Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



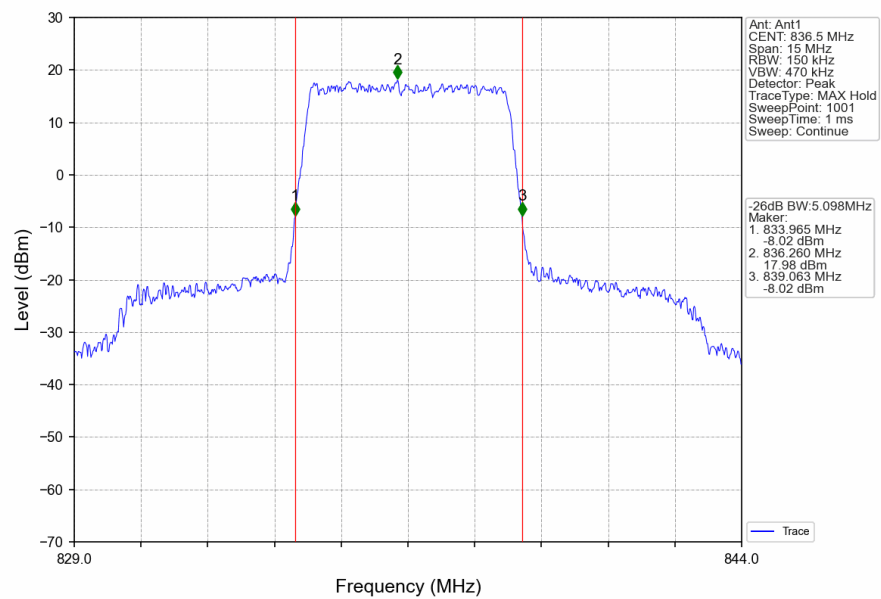
Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



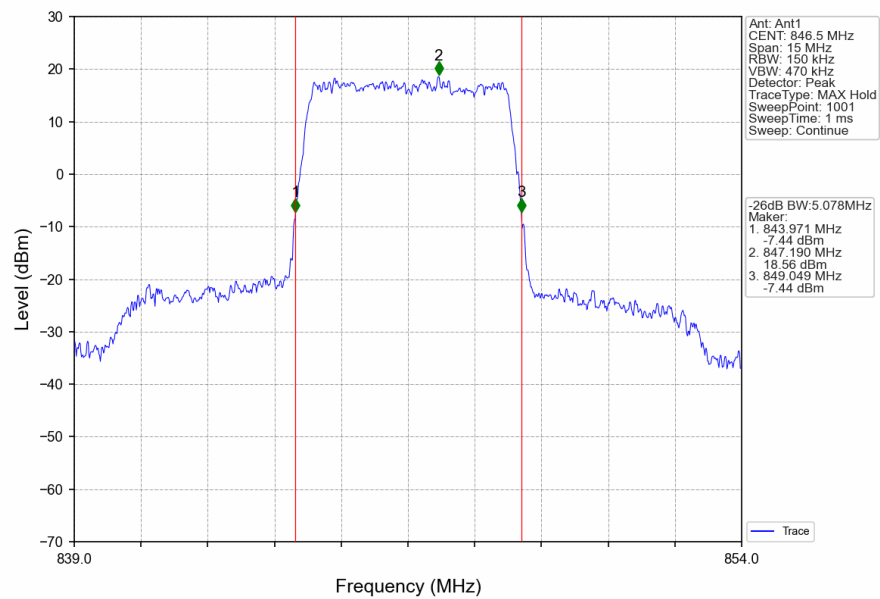
Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



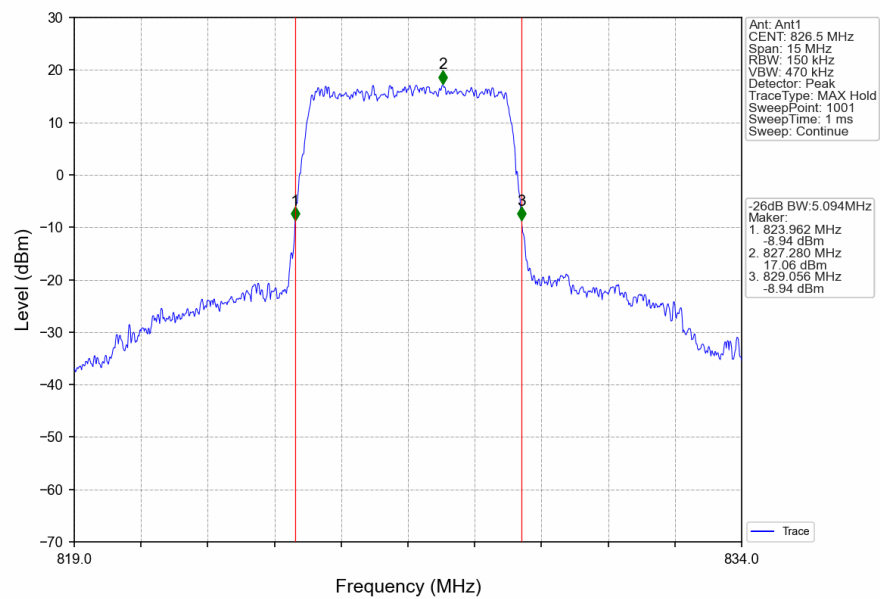
Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



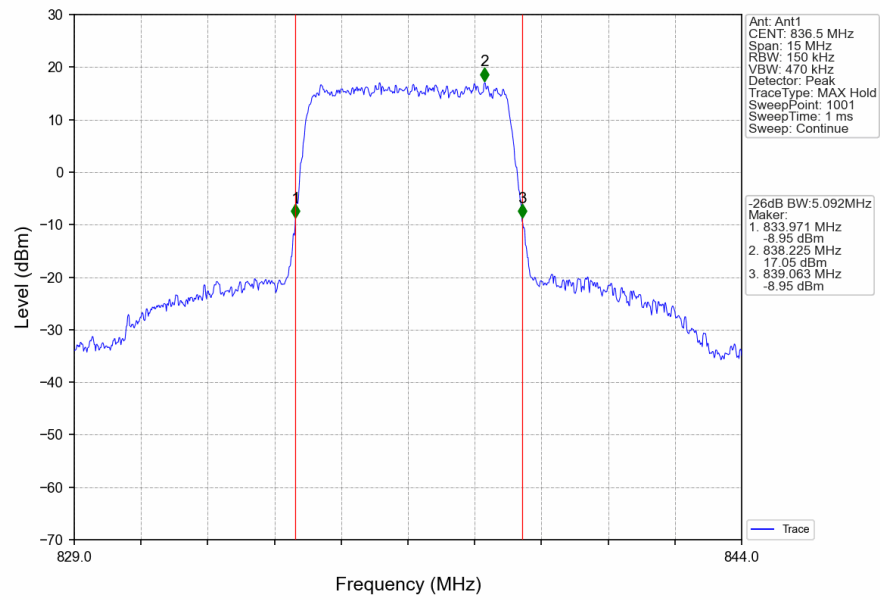
Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



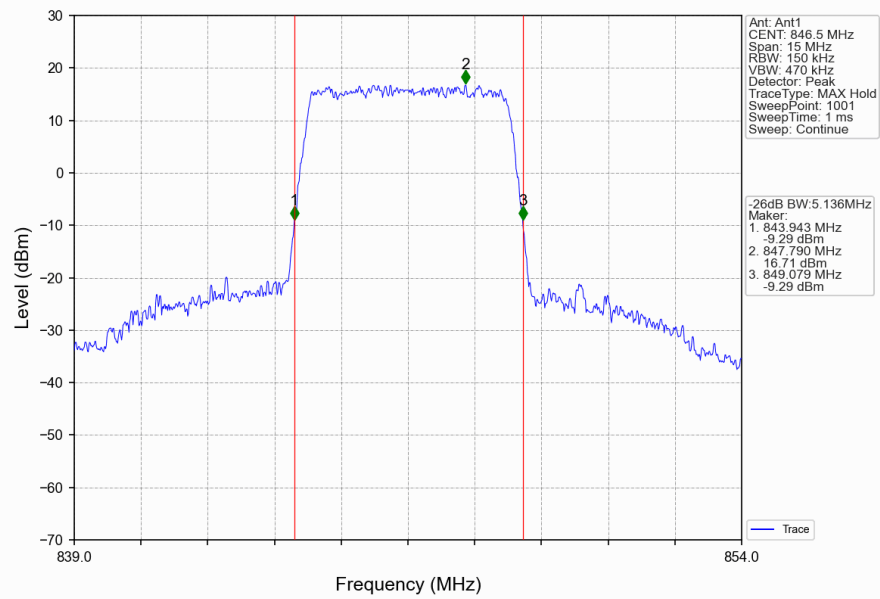
Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



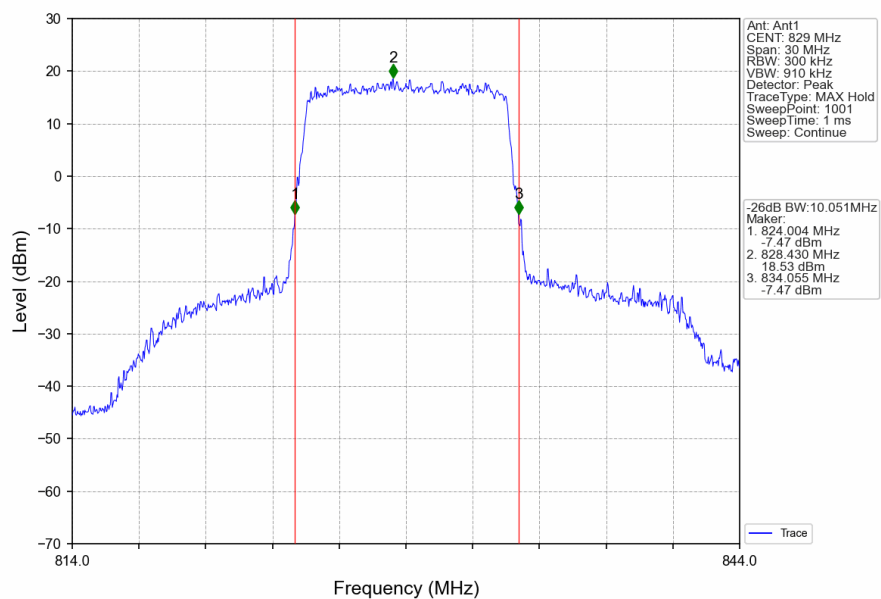
Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



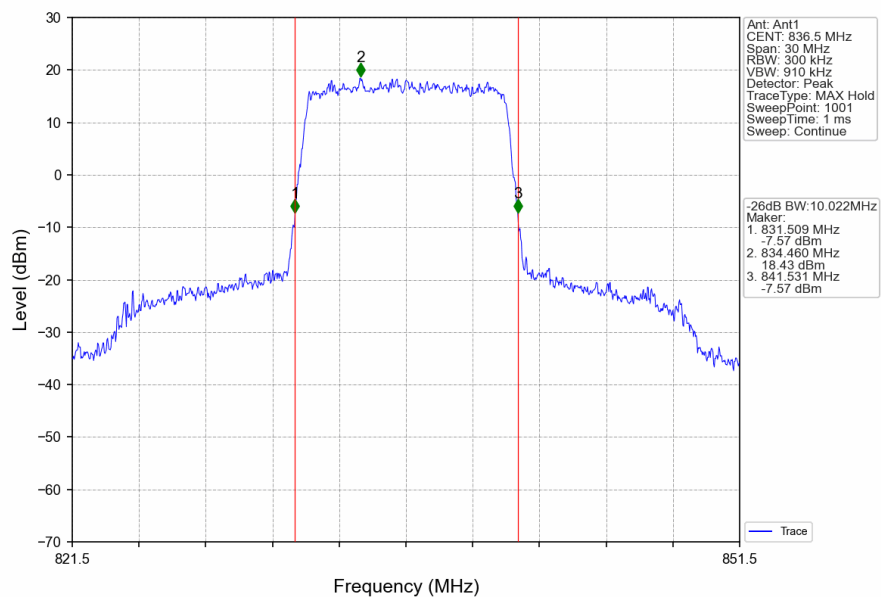
Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



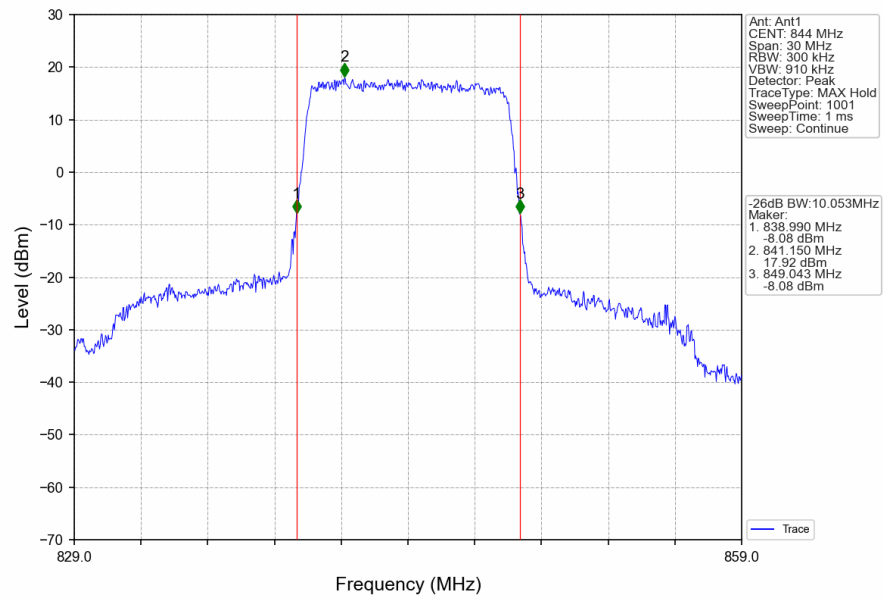
# Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



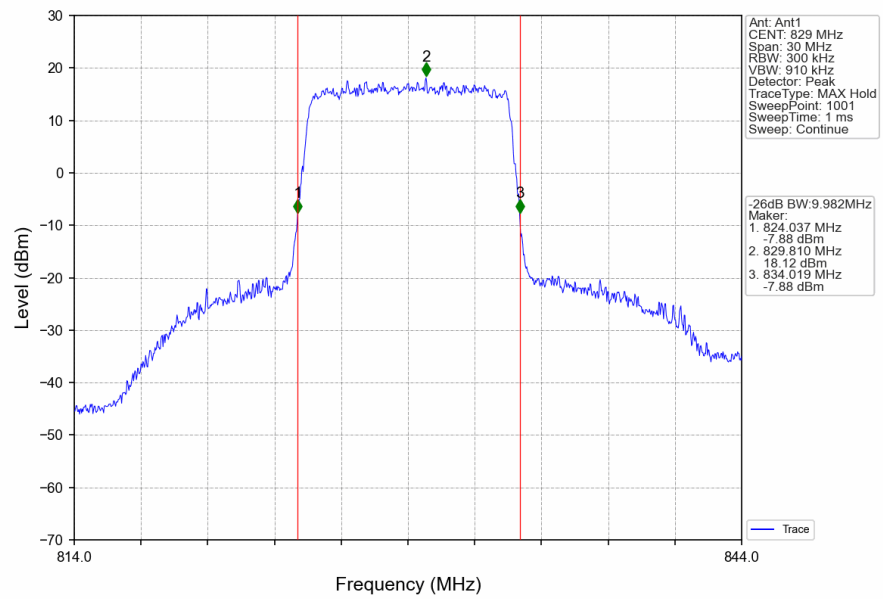
# Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



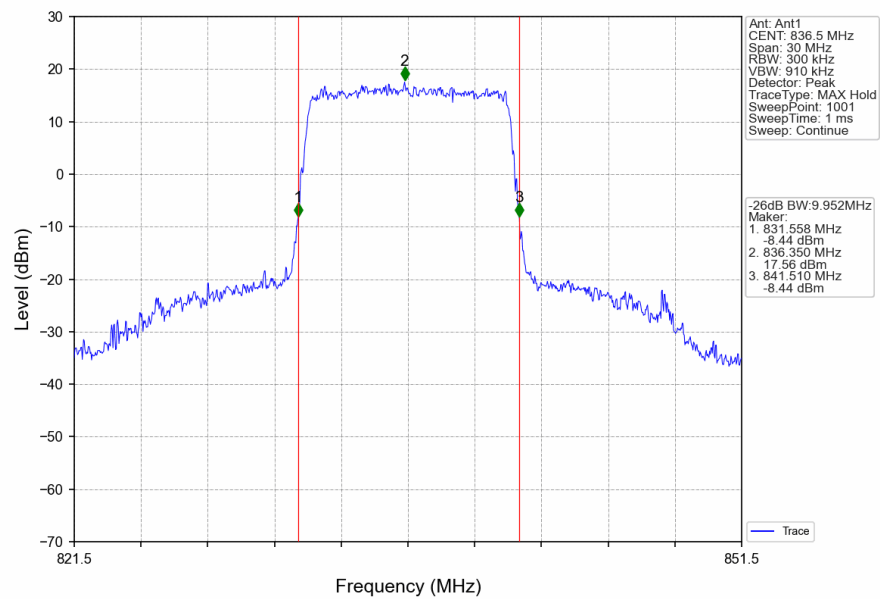
Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV

