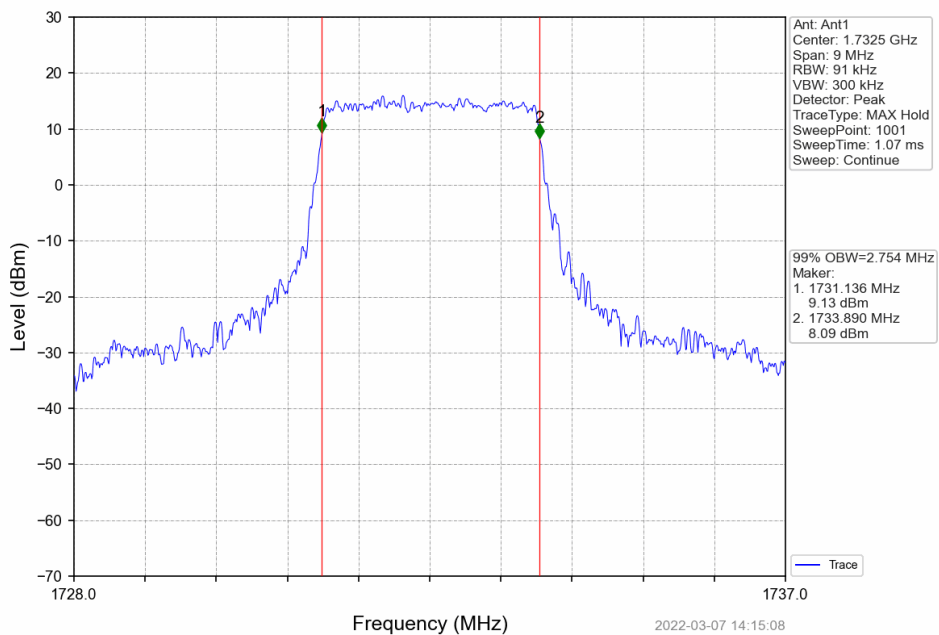
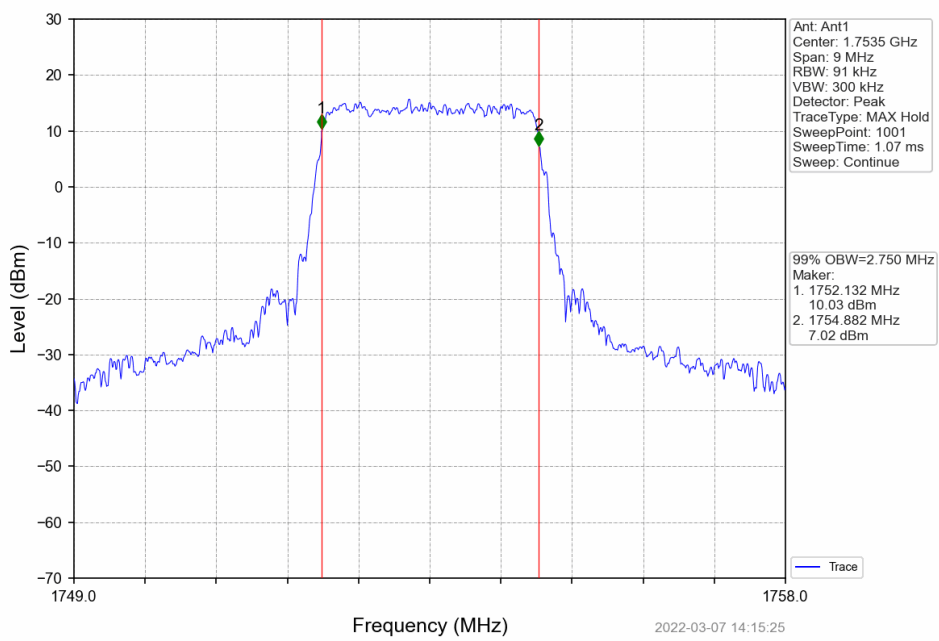


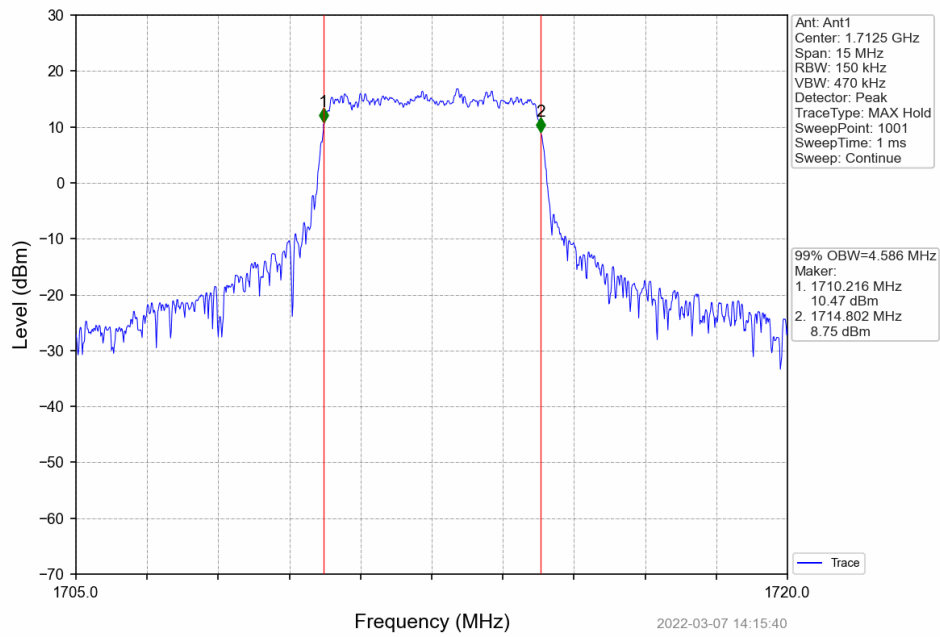
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



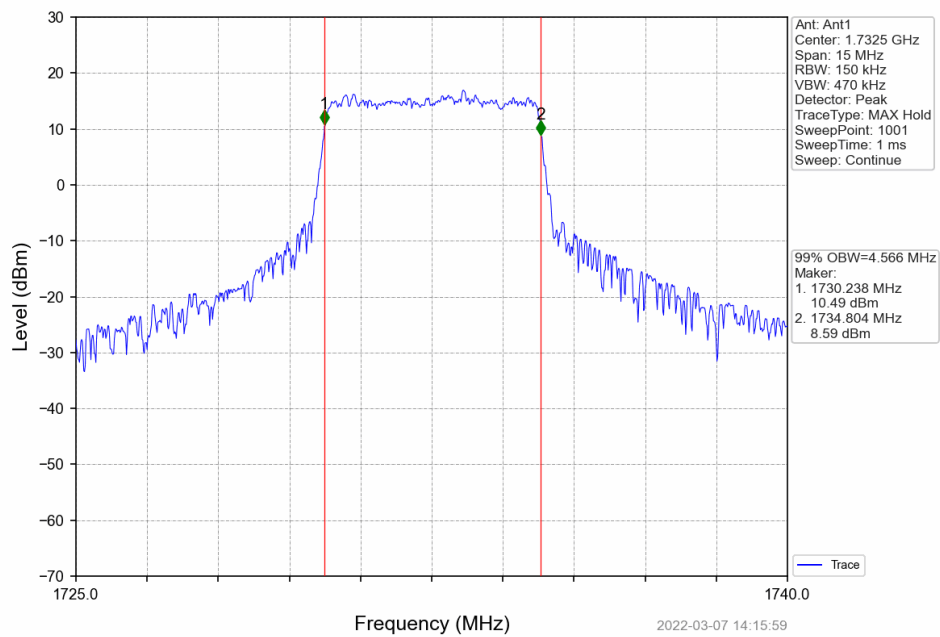
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



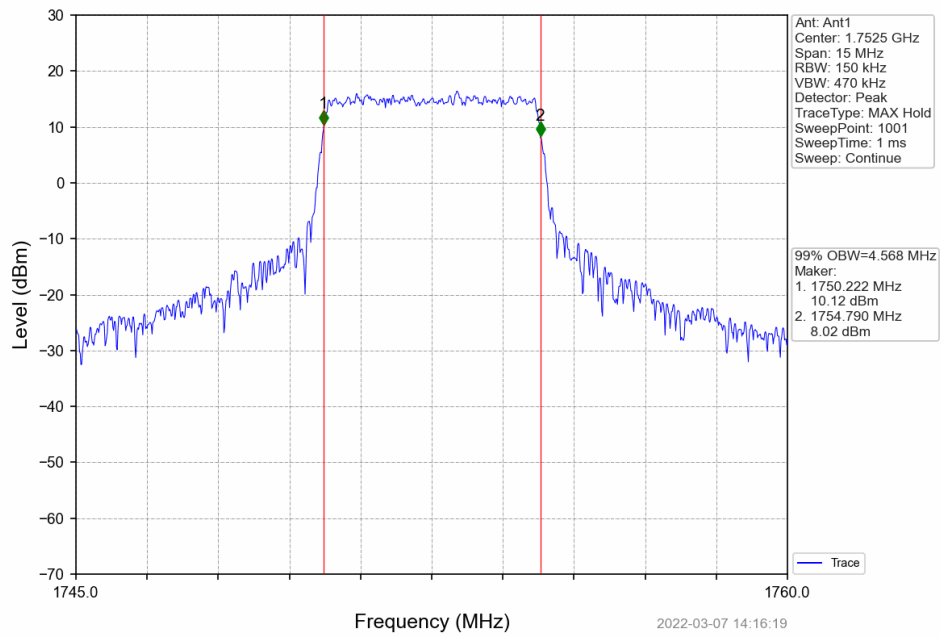
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN



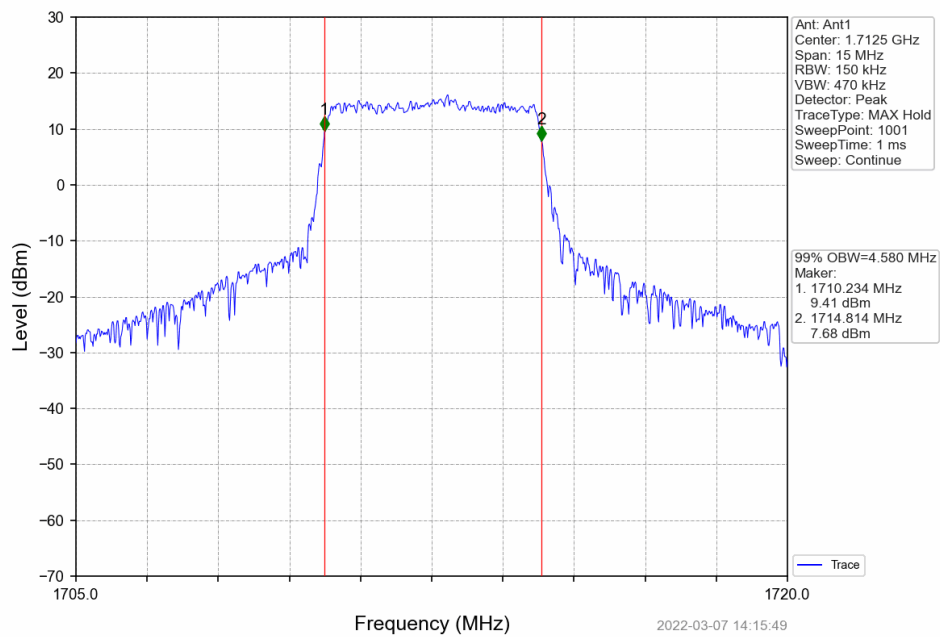
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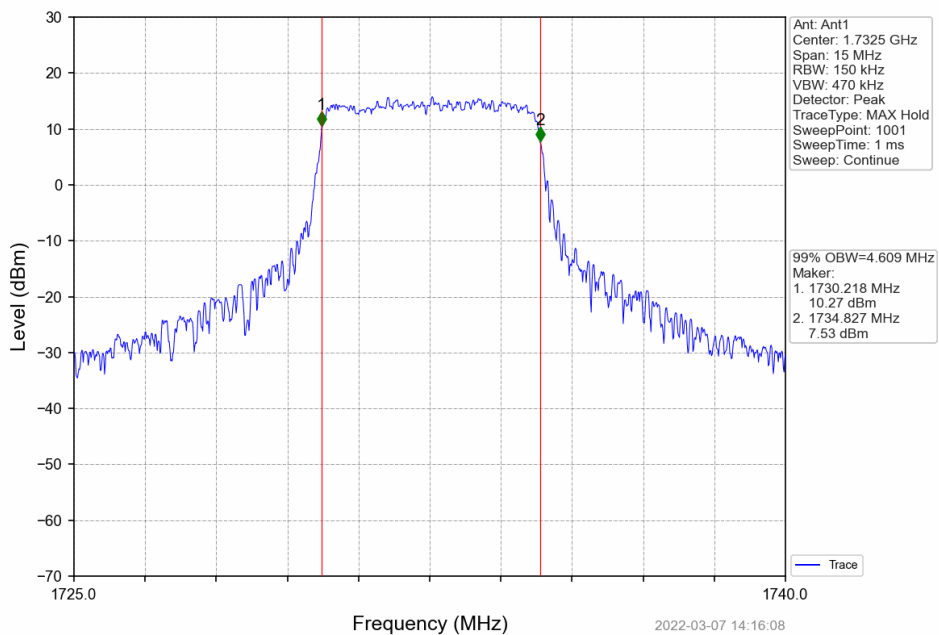
# Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTN



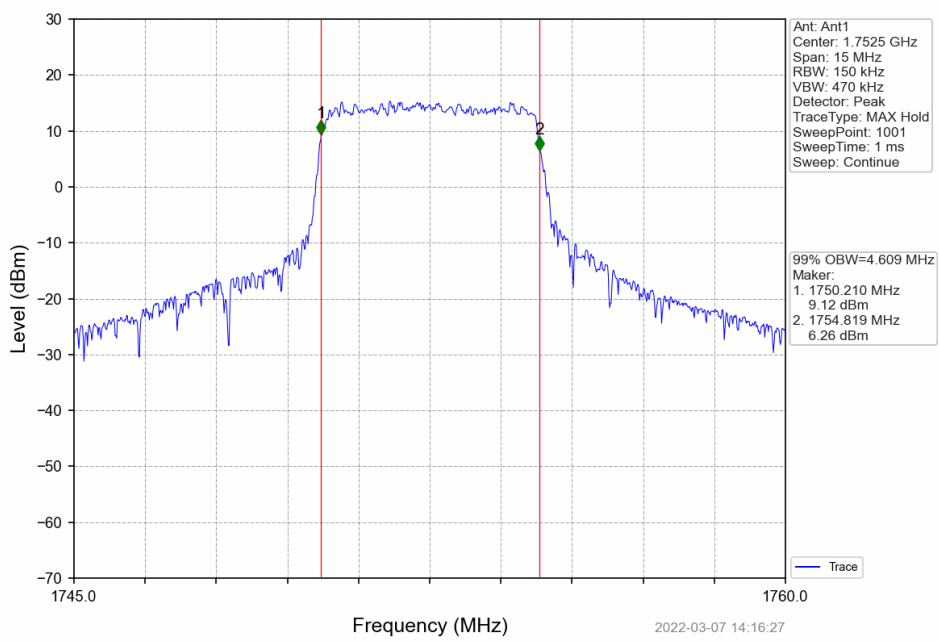
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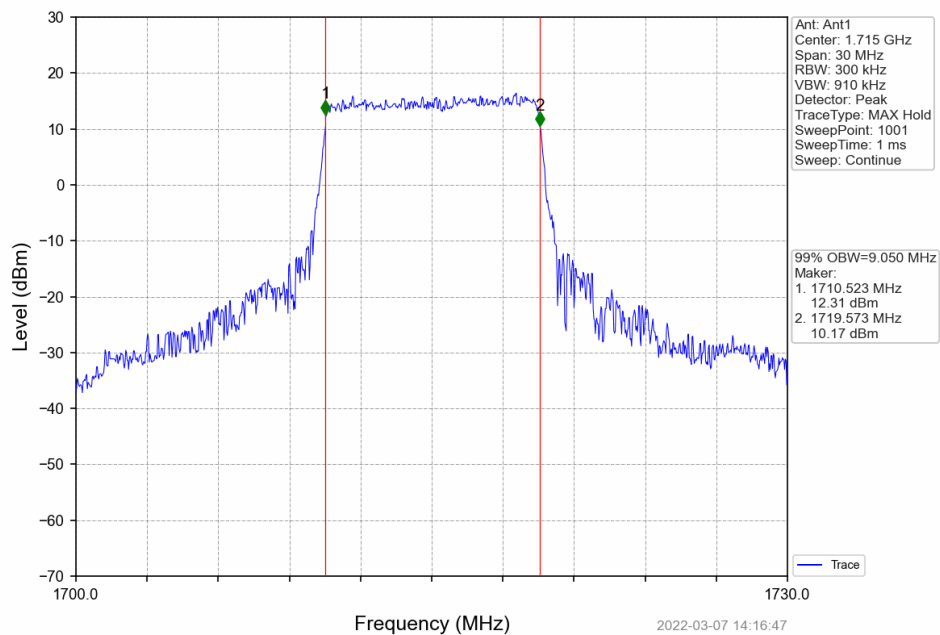
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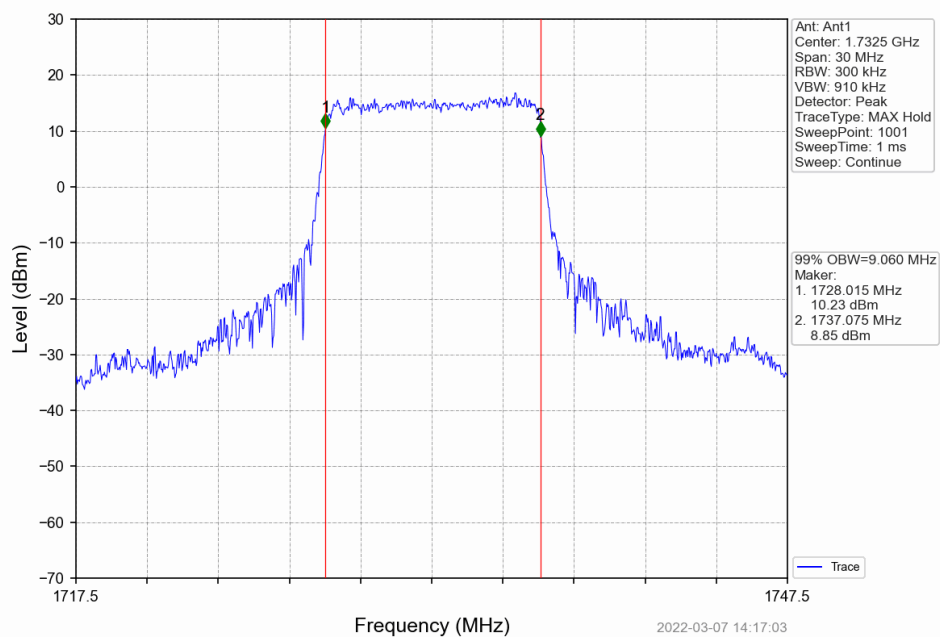
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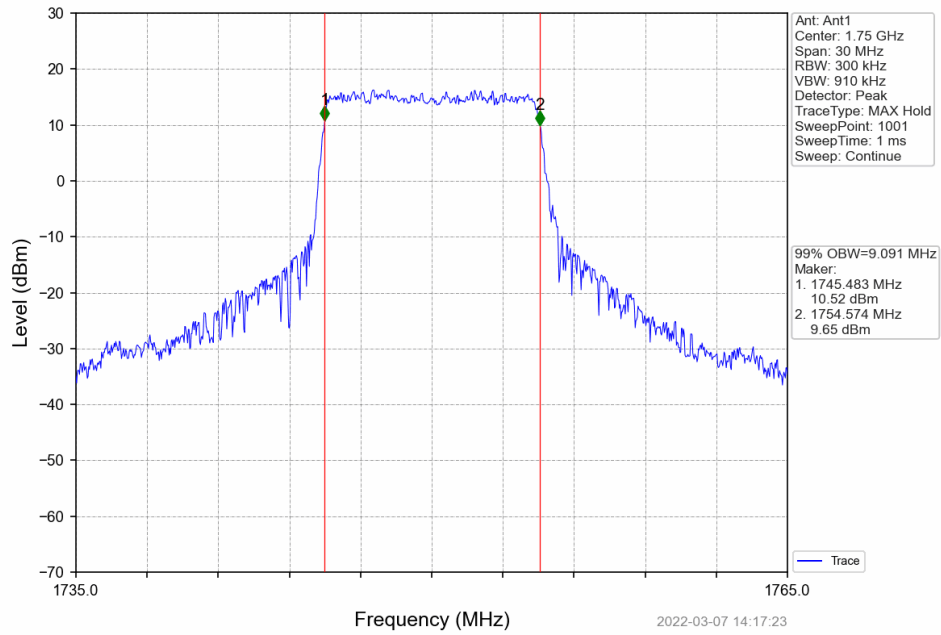
Band4\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV



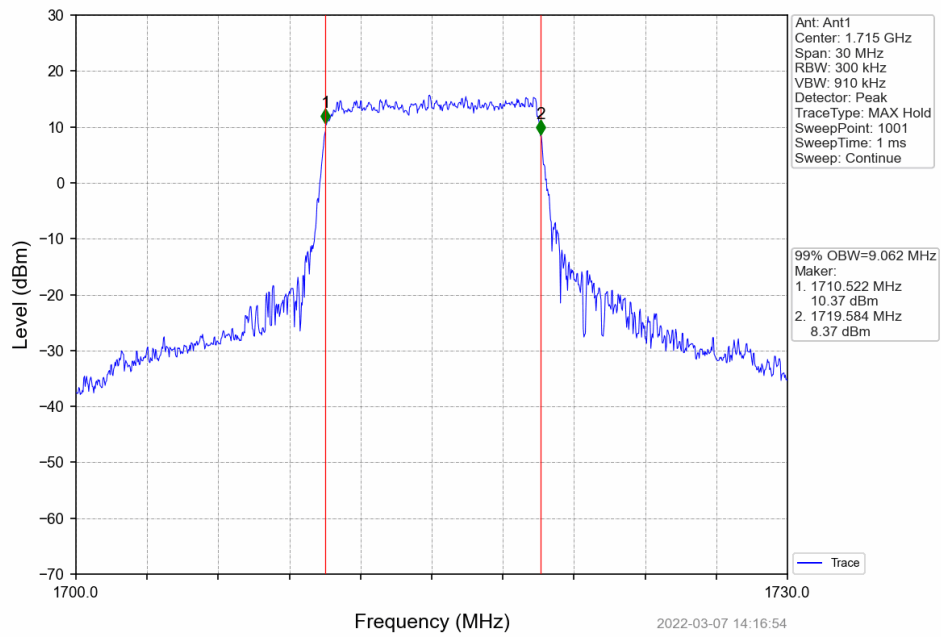
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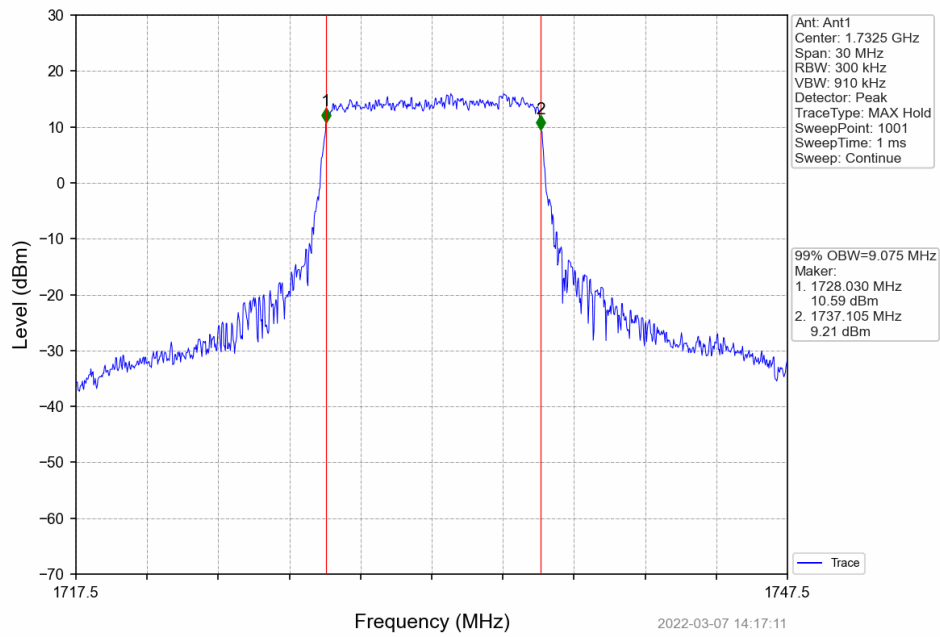
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN



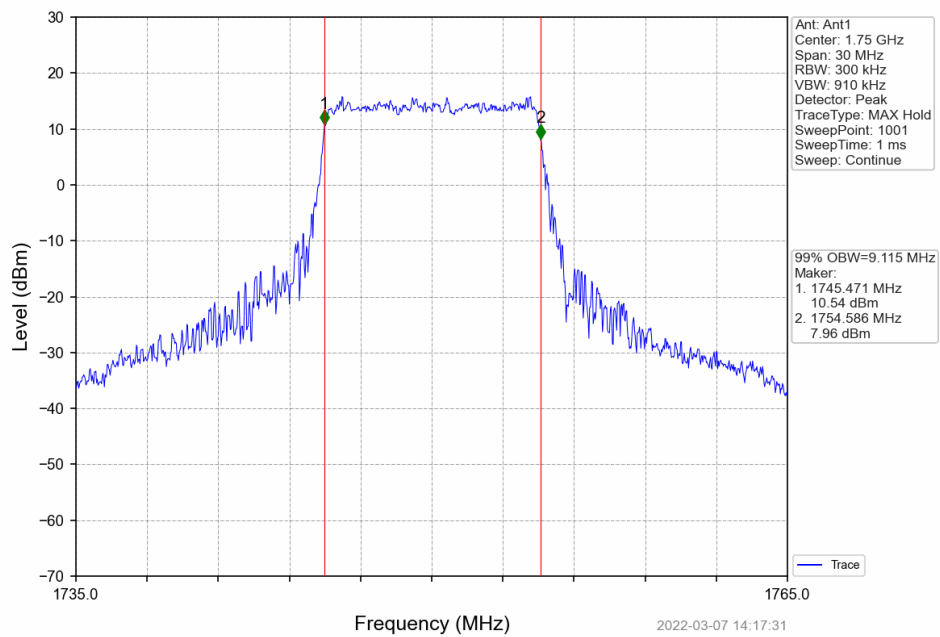
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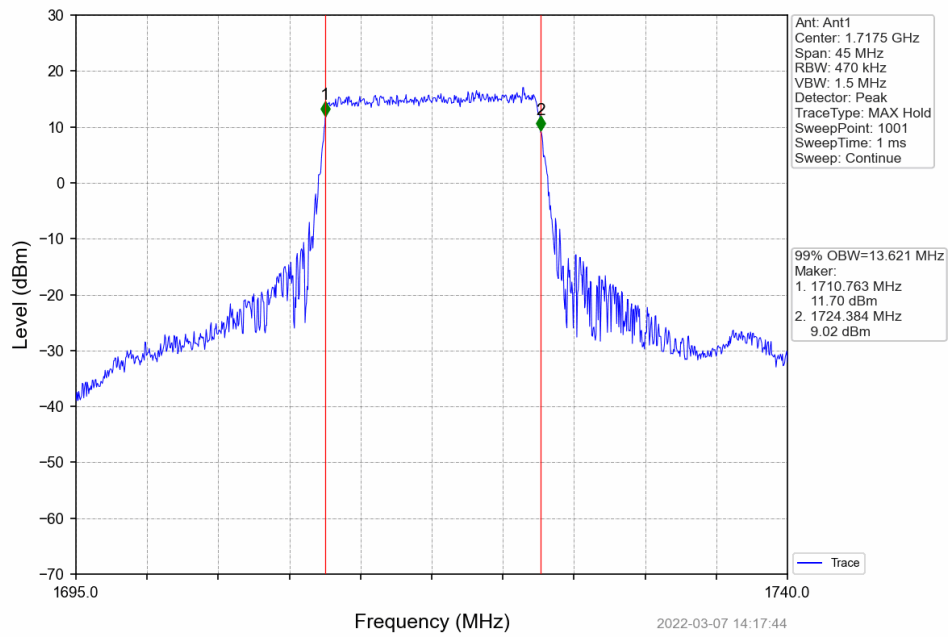
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTNV



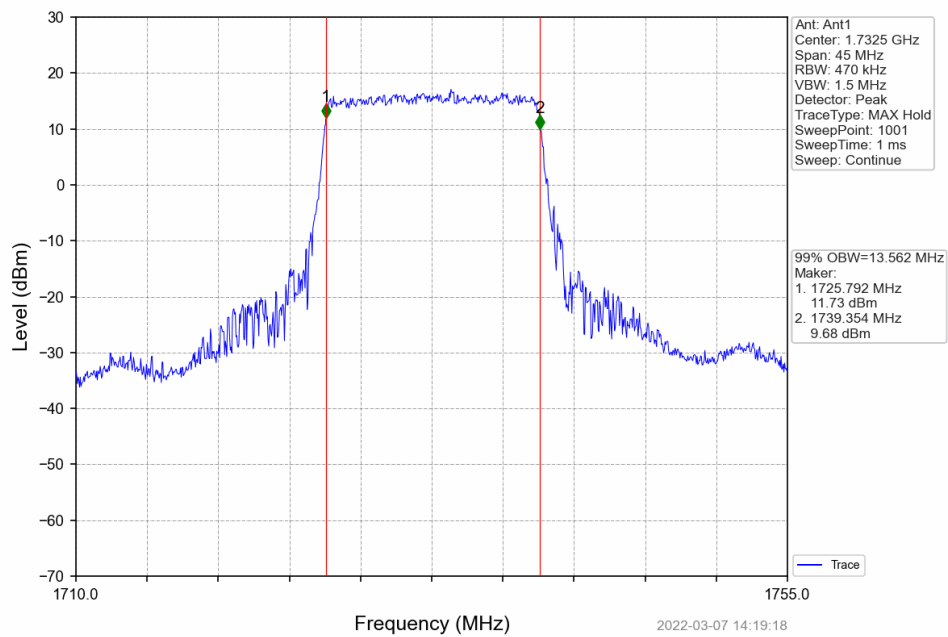
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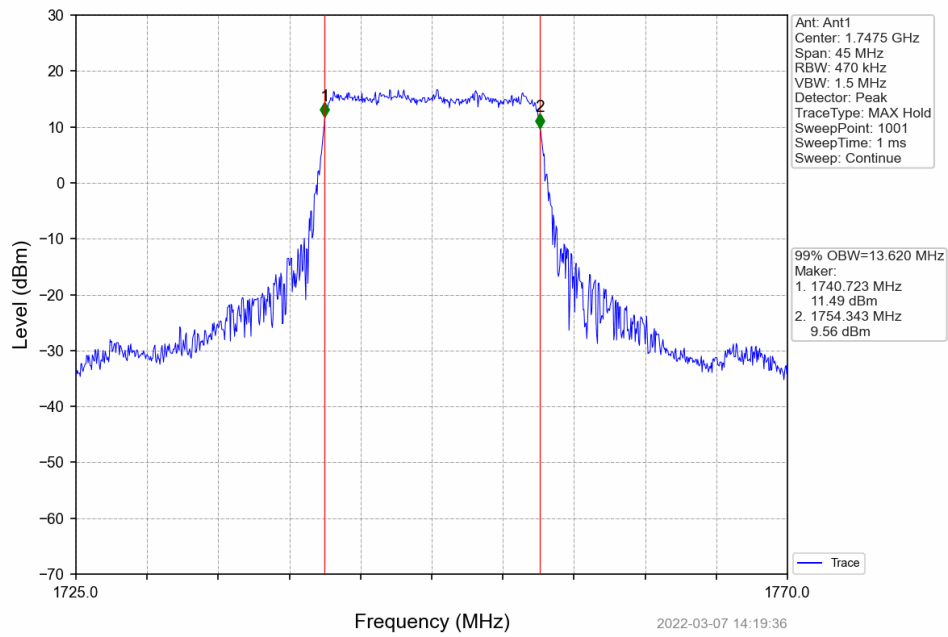
Band4\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



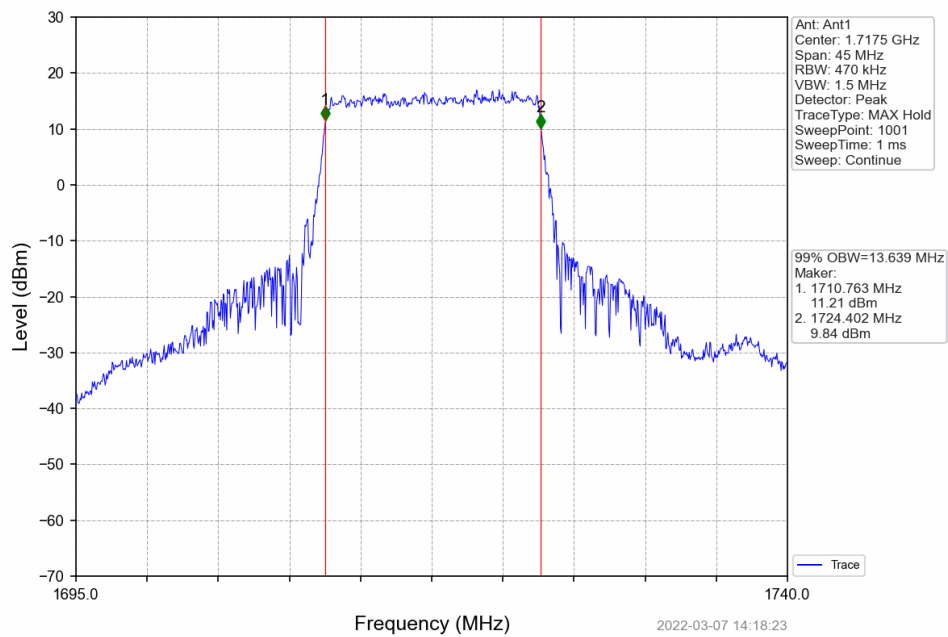
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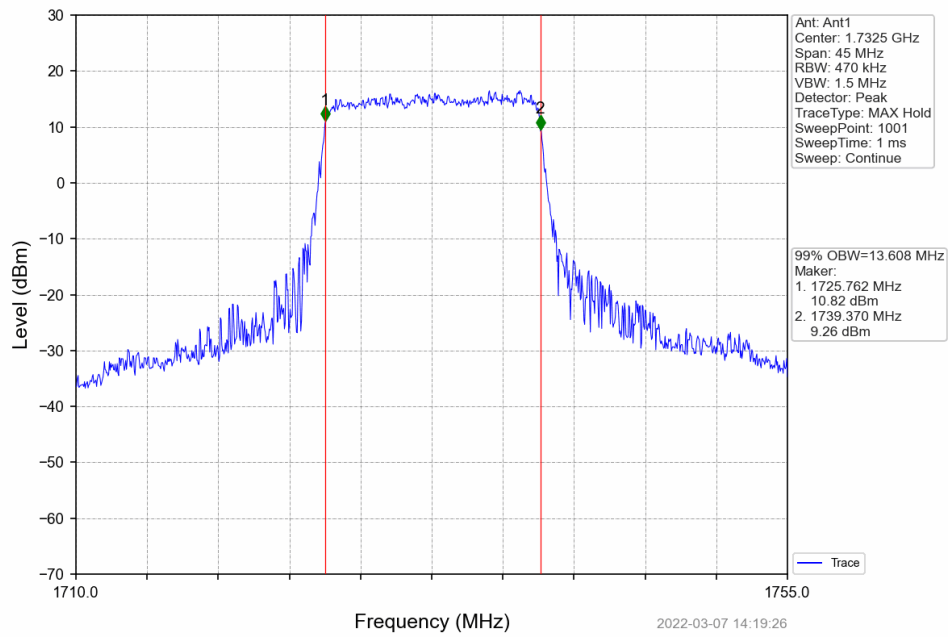
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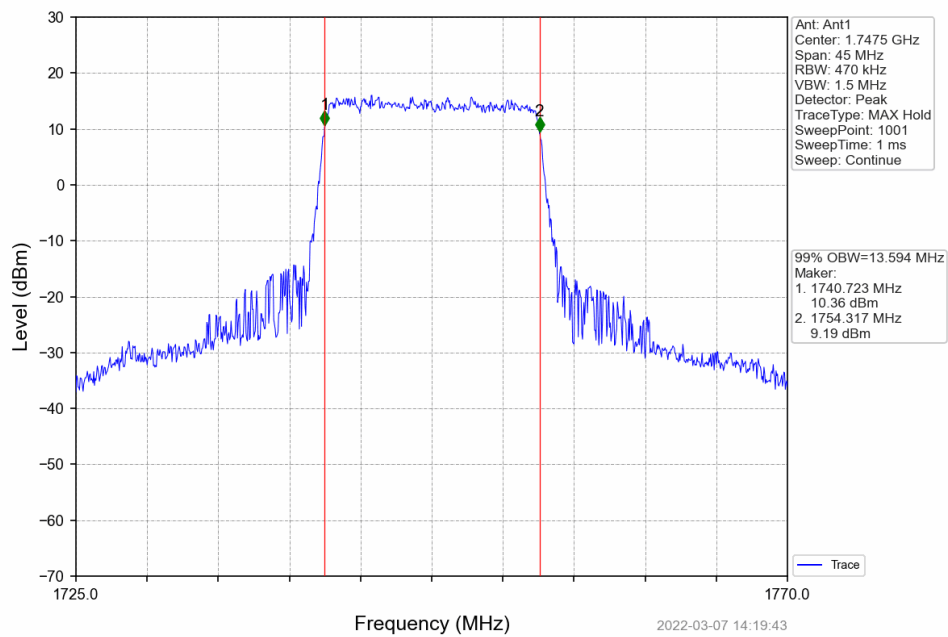
Band4\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



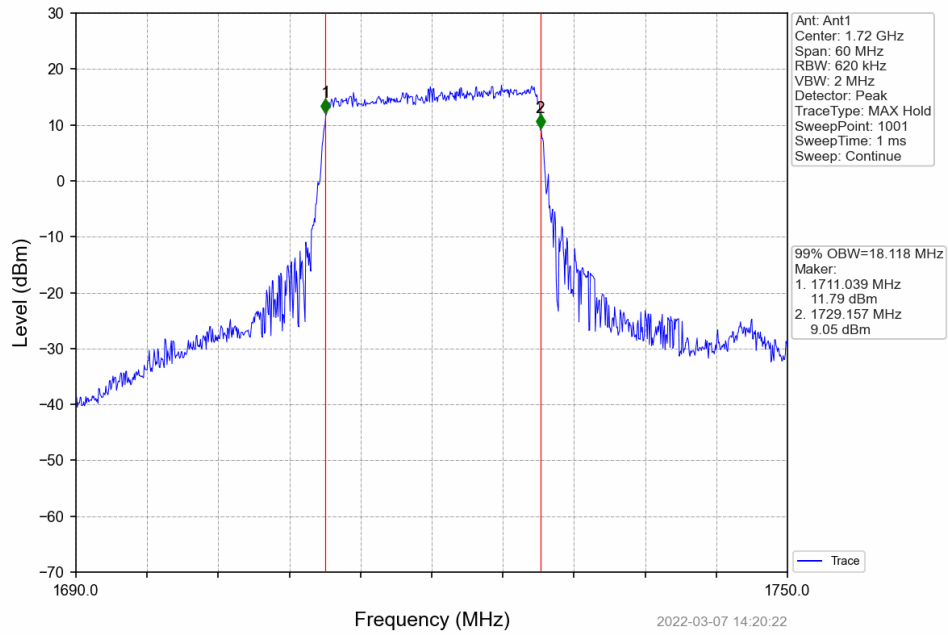
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



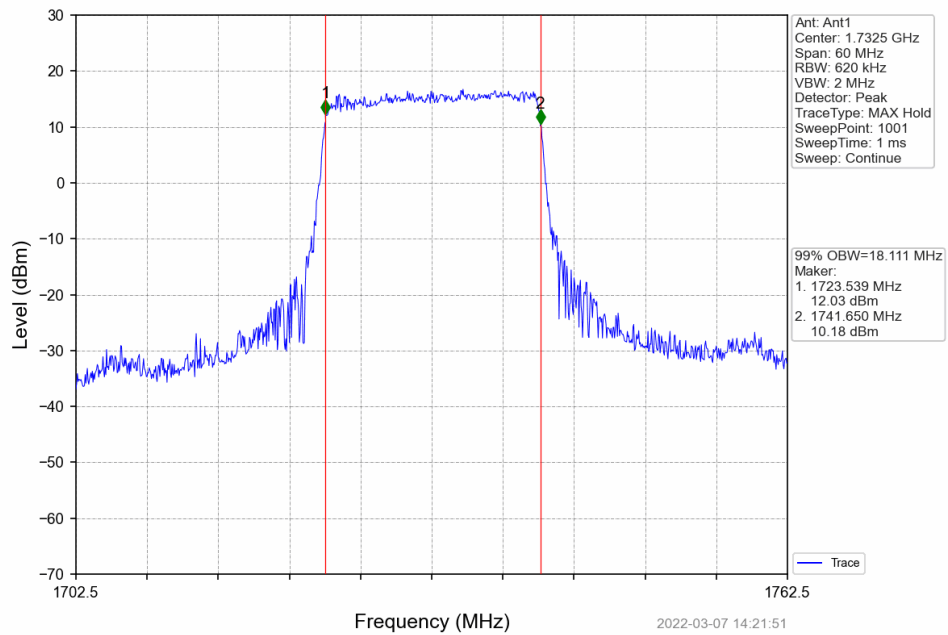
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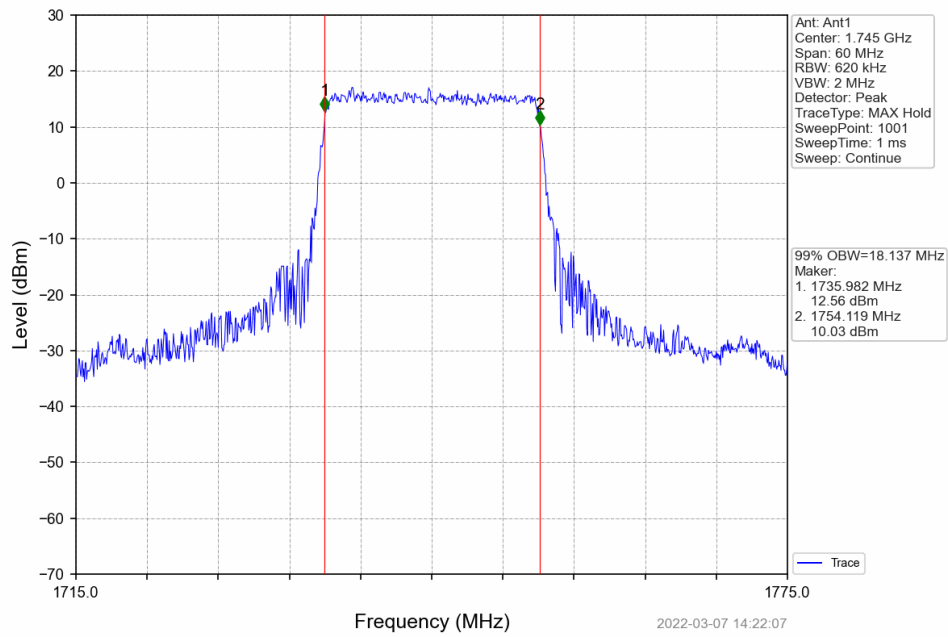
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTN



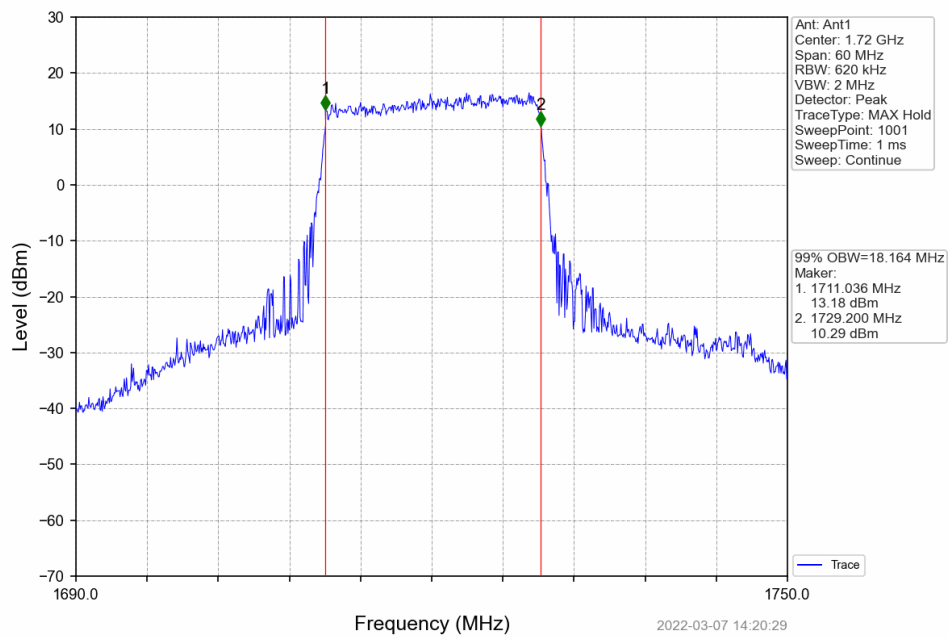
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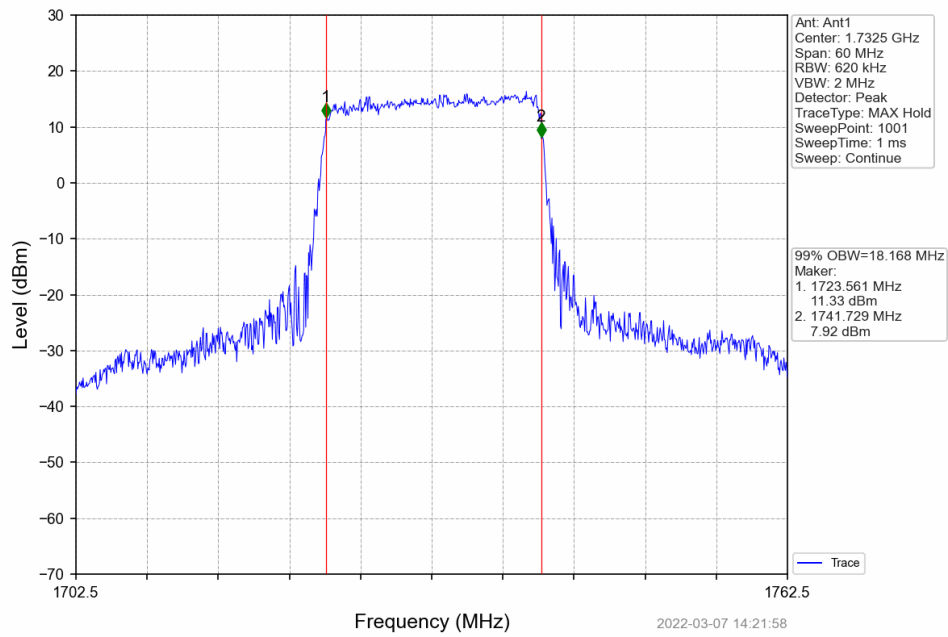
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



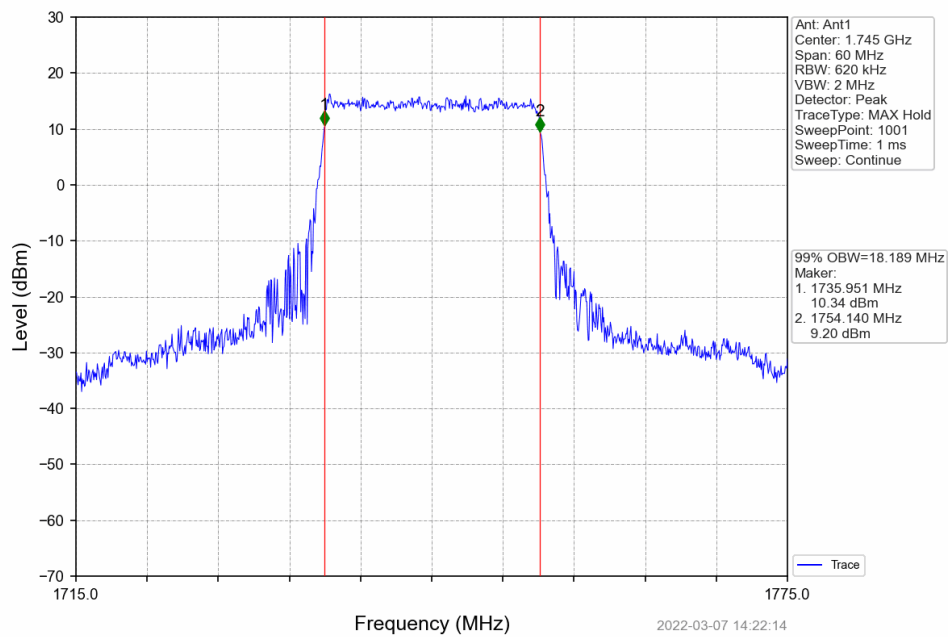
Band4\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



# Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



# Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTNV

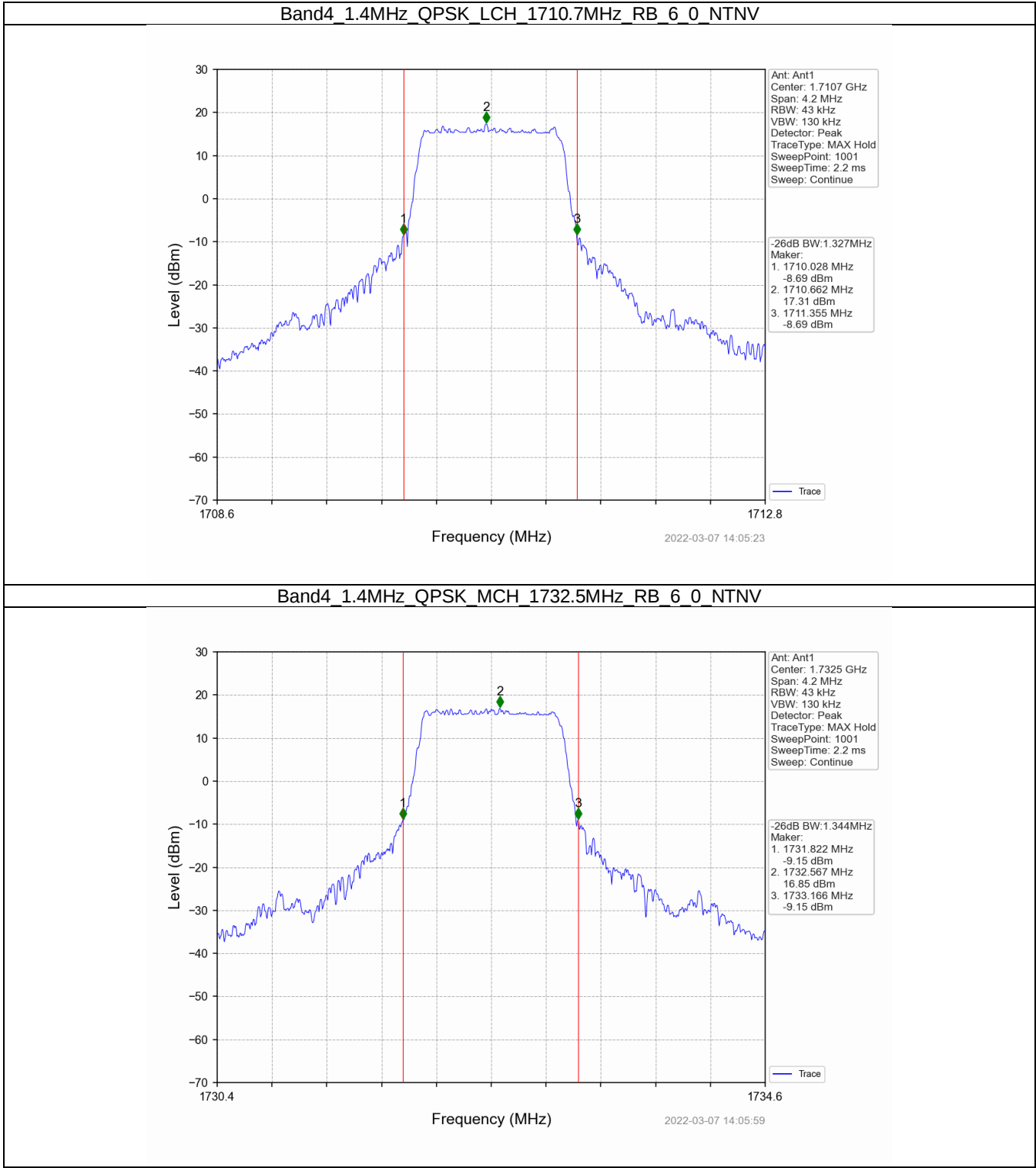


## 2.2 Band4\_XDB

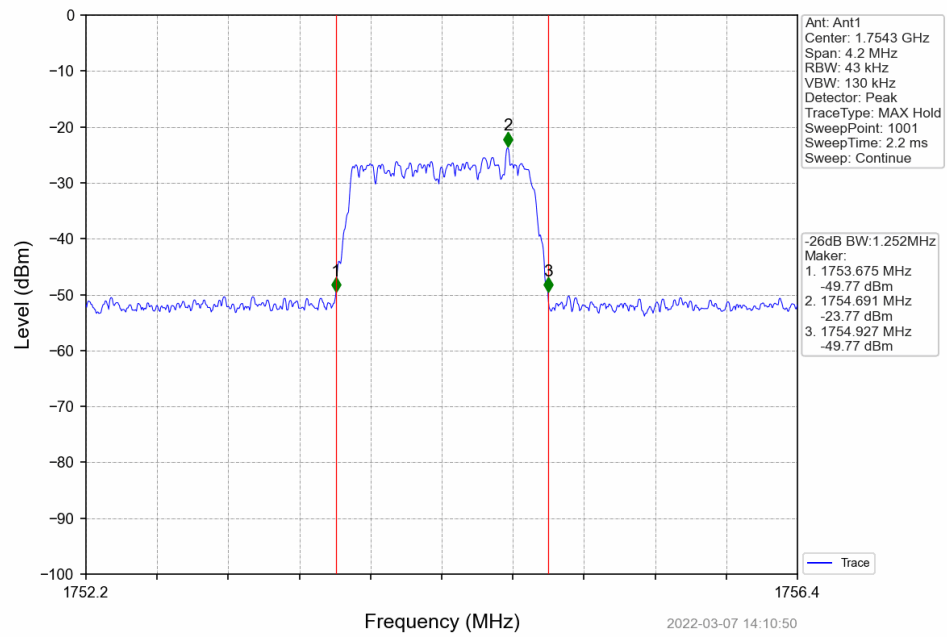
### 2.2.1 Test Result

| Band: 4 / NTNV  |            |                 |               |        |                      |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result               |         |
| 1.4             | QPSK       | 1710.7          | 6             | 0      | 1.327                | Pass    |
|                 |            | 1732.5          | 6             | 0      | 1.344                | Pass    |
|                 |            | 1754.3          | 6             | 0      | 1.252                | Pass    |
|                 | 16QAM      | 1710.7          | 6             | 0      | 1.355                | Pass    |
|                 |            | 1732.5          | 6             | 0      | 1.335                | Pass    |
|                 |            | 1754.3          | 6             | 0      | 1.346                | Pass    |
| 3               | QPSK       | 1711.5          | 15            | 0      | 3.161                | Pass    |
|                 |            | 1732.5          | 15            | 0      | 3.141                | Pass    |
|                 |            | 1753.5          | 15            | 0      | 3.143                | Pass    |
|                 | 16QAM      | 1711.5          | 15            | 0      | 3.252                | Pass    |
|                 |            | 1732.5          | 15            | 0      | 3.188                | Pass    |
|                 |            | 1753.5          | 15            | 0      | 3.134                | Pass    |
| 5               | QPSK       | 1712.5          | 25            | 0      | 5.600                | Pass    |
|                 |            | 1732.5          | 25            | 0      | 5.856                | Pass    |
|                 |            | 1752.5          | 25            | 0      | 5.477                | Pass    |
|                 | 16QAM      | 1712.5          | 25            | 0      | 5.484                | Pass    |
|                 |            | 1732.5          | 25            | 0      | 5.659                | Pass    |
|                 |            | 1752.5          | 25            | 0      | 5.787                | Pass    |
| 10              | QPSK       | 1715            | 50            | 0      | 10.288               | Pass    |
|                 |            | 1732.5          | 50            | 0      | 10.258               | Pass    |
|                 |            | 1750            | 50            | 0      | 10.436               | Pass    |
|                 | 16QAM      | 1715            | 50            | 0      | 10.312               | Pass    |
|                 |            | 1732.5          | 50            | 0      | 10.347               | Pass    |
|                 |            | 1750            | 50            | 0      | 11.051               | Pass    |
| 15              | QPSK       | 1717.5          | 75            | 0      | 15.891               | Pass    |
|                 |            | 1732.5          | 75            | 0      | 15.768               | Pass    |
|                 |            | 1747.5          | 75            | 0      | 15.704               | Pass    |
|                 | 16QAM      | 1717.5          | 75            | 0      | 15.931               | Pass    |
|                 |            | 1732.5          | 75            | 0      | 15.481               | Pass    |
|                 |            | 1747.5          | 75            | 0      | 15.381               | Pass    |
| 20              | QPSK       | 1720            | 100           | 0      | 21.191               | Pass    |
|                 |            | 1732.5          | 100           | 0      | 20.246               | Pass    |
|                 |            | 1745            | 100           | 0      | 20.803               | Pass    |
|                 | 16QAM      | 1720            | 100           | 0      | 20.970               | Pass    |
|                 |            | 1732.5          | 100           | 0      | 20.255               | Pass    |
|                 |            | 1745            | 100           | 0      | 20.896               | Pass    |

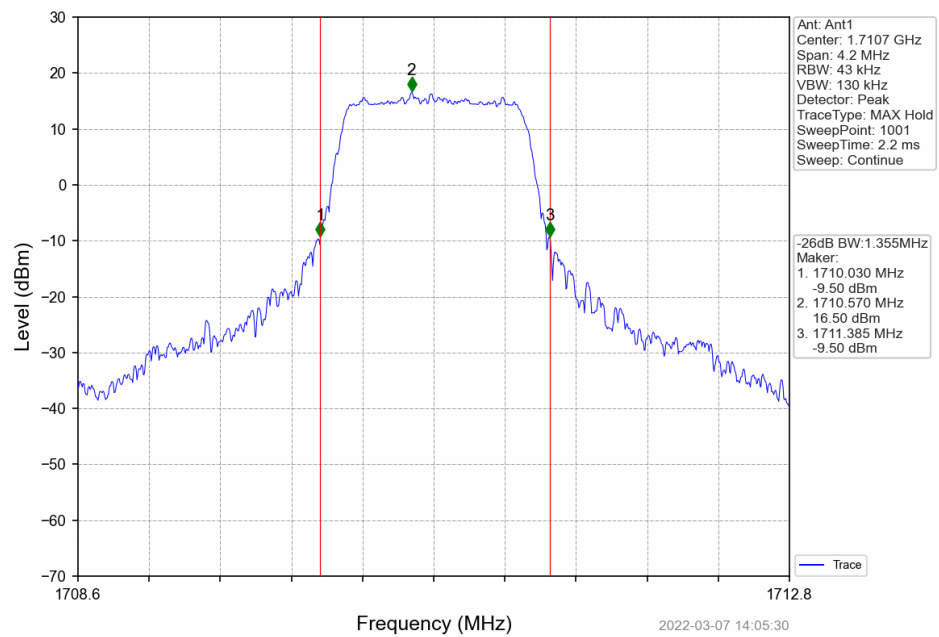
2.2.2 Test Graph



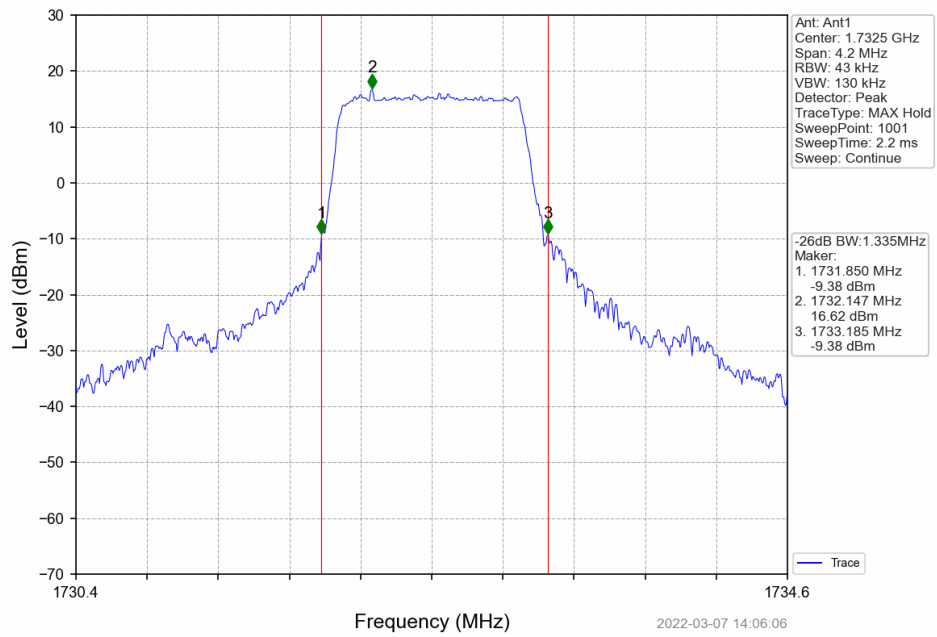
# Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



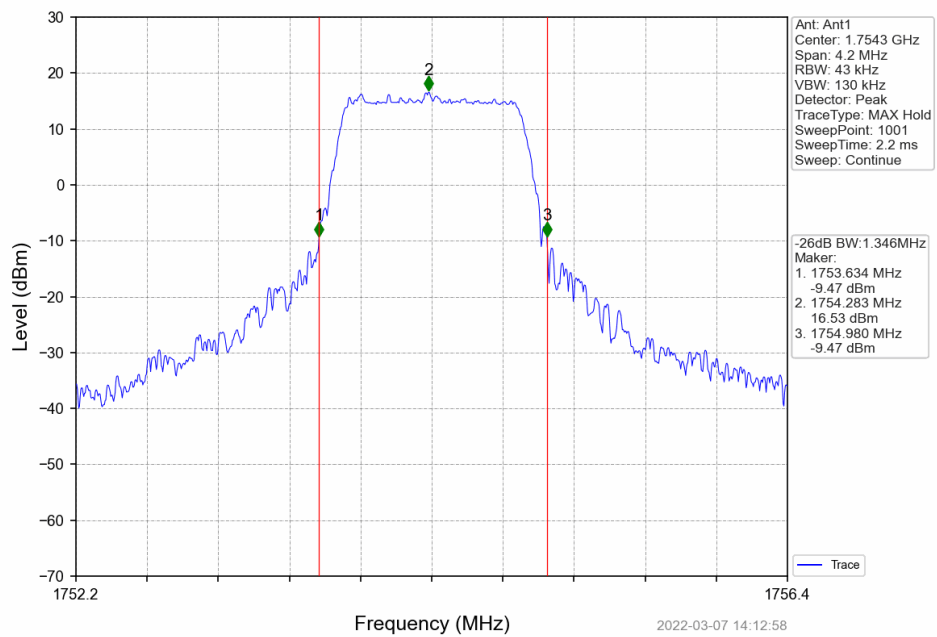
# Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



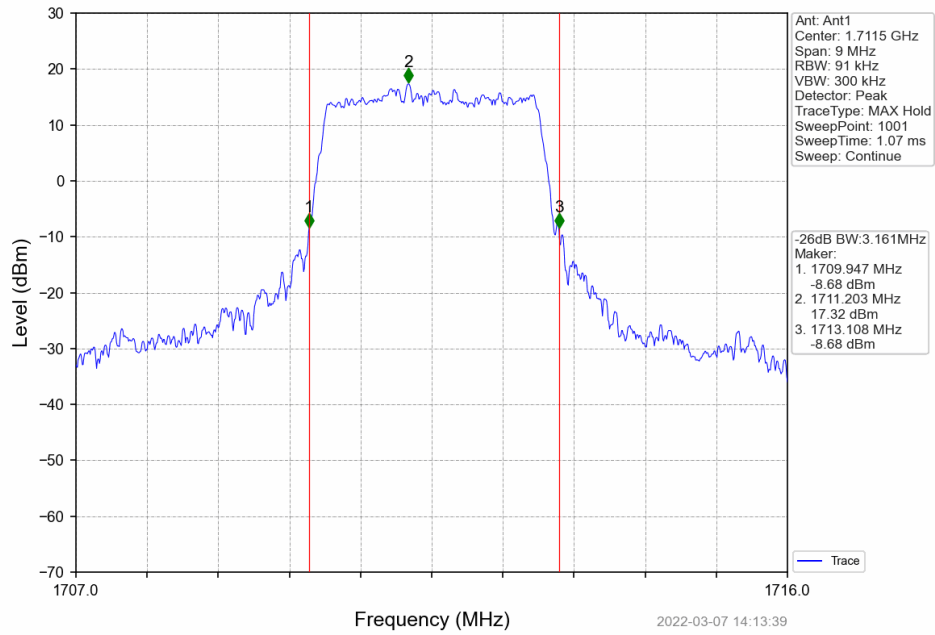
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



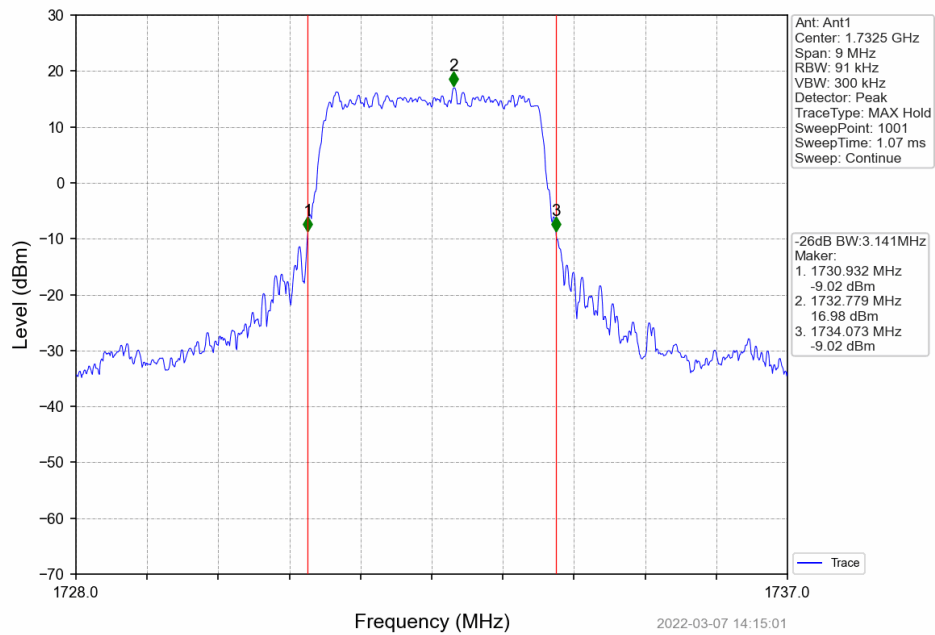
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



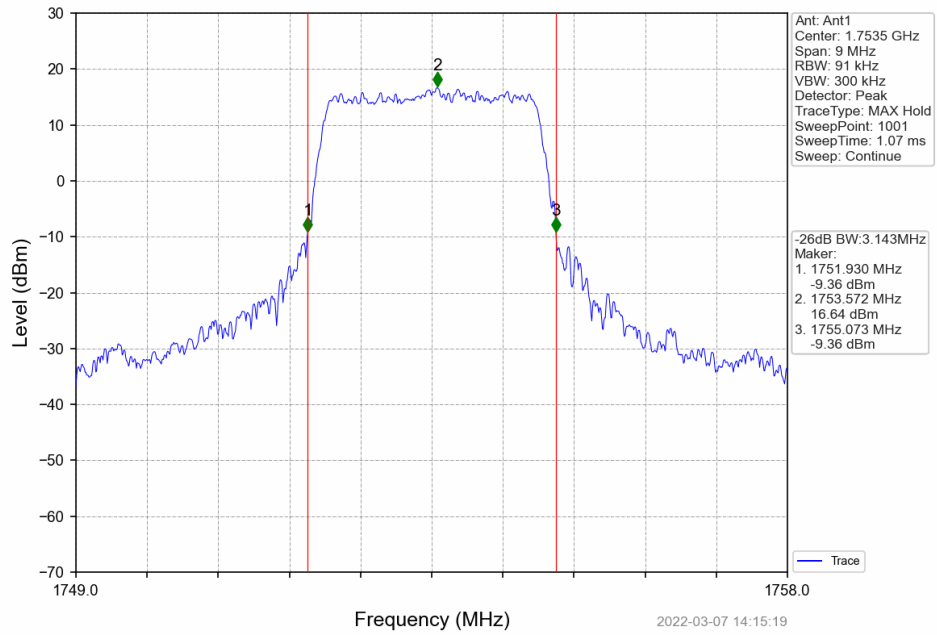
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTN



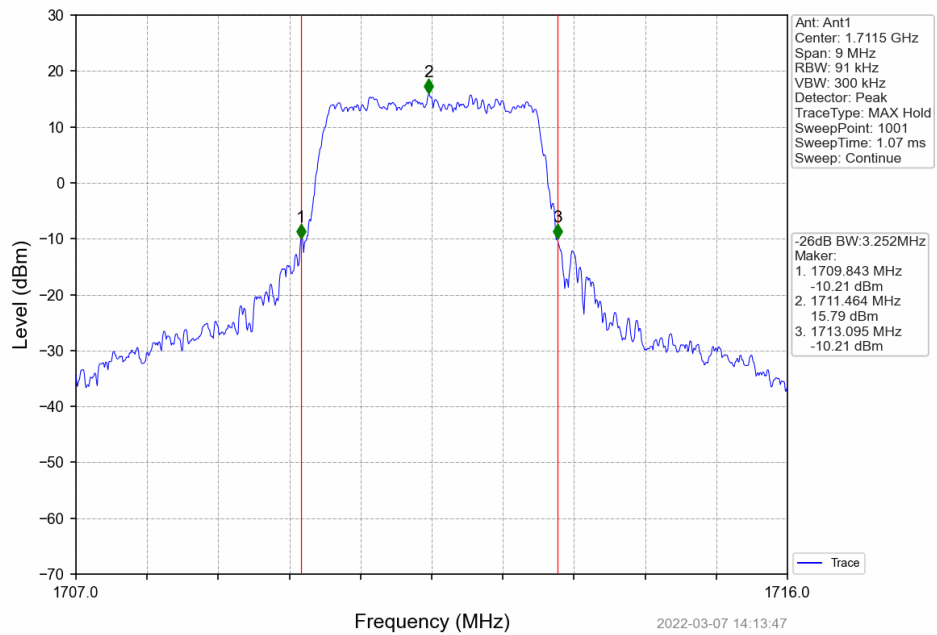
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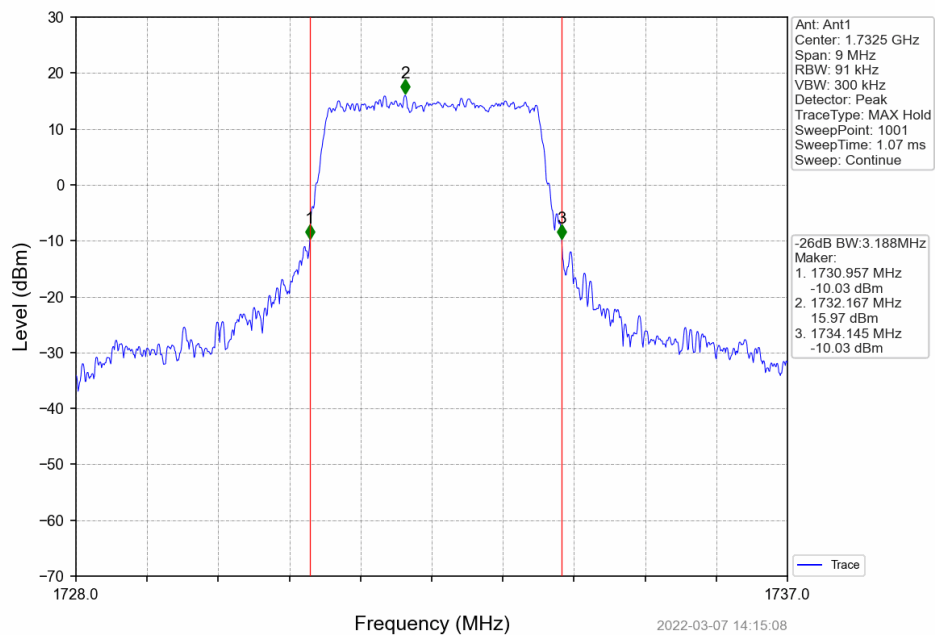
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTN



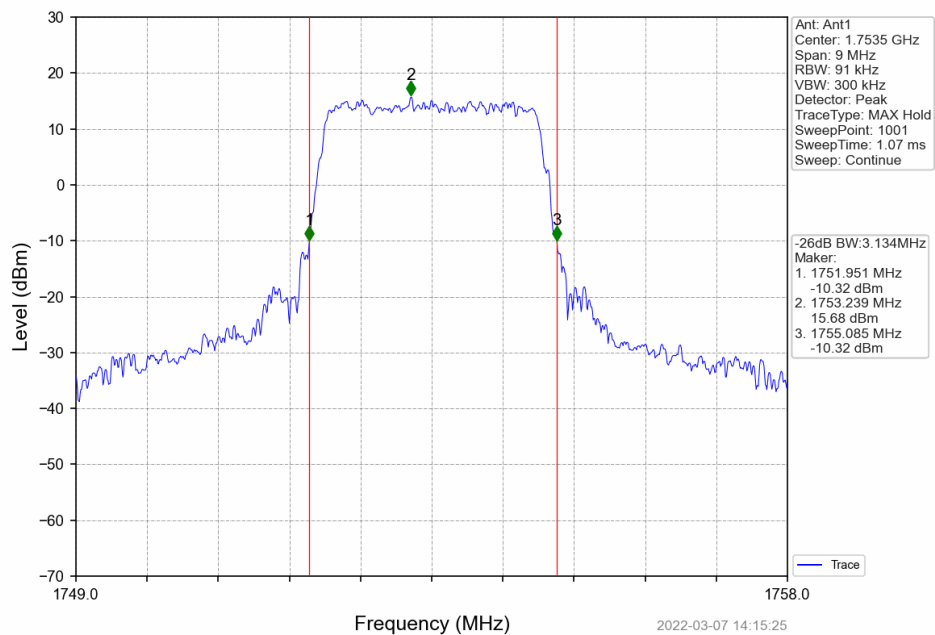
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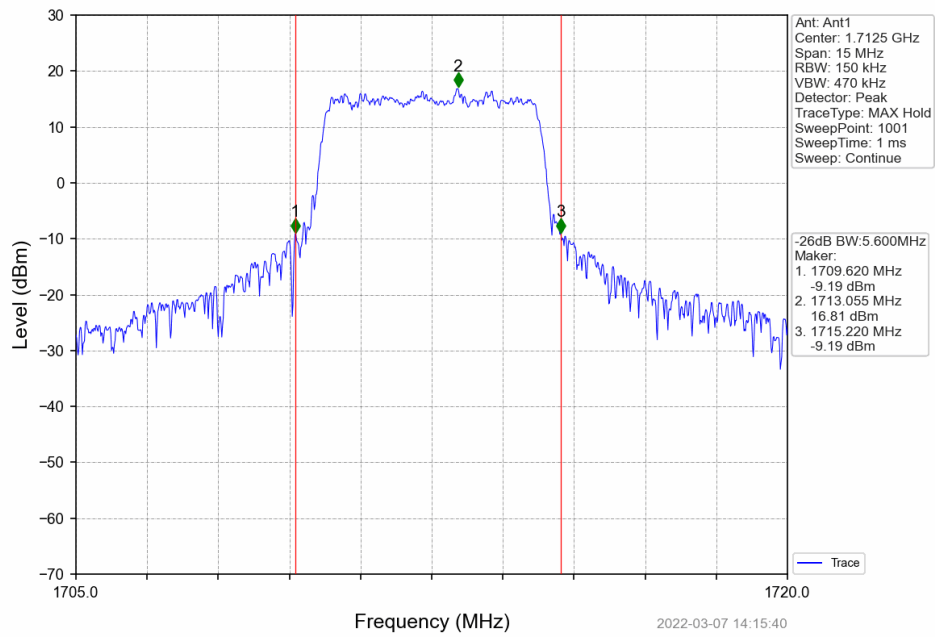
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



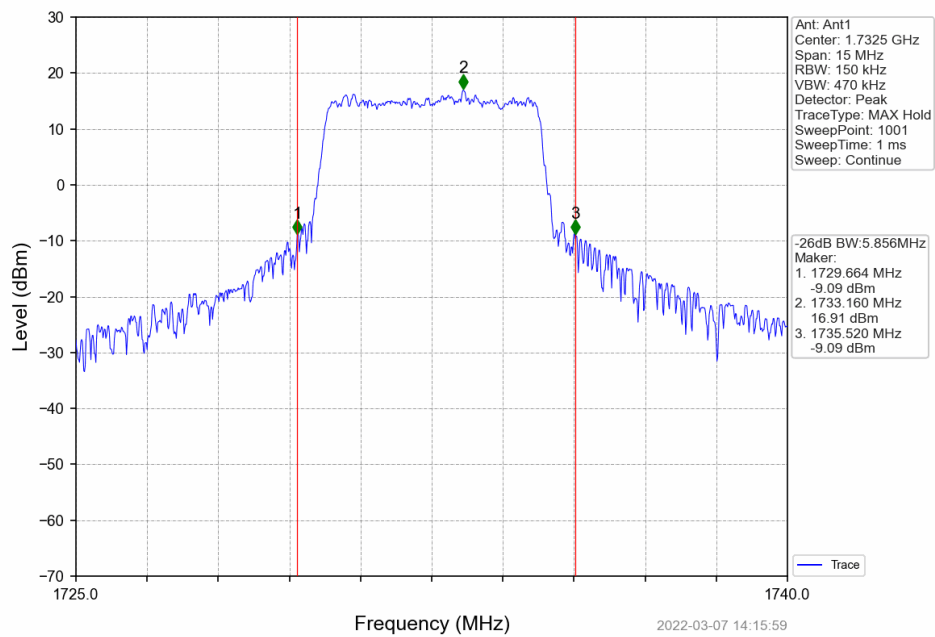
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



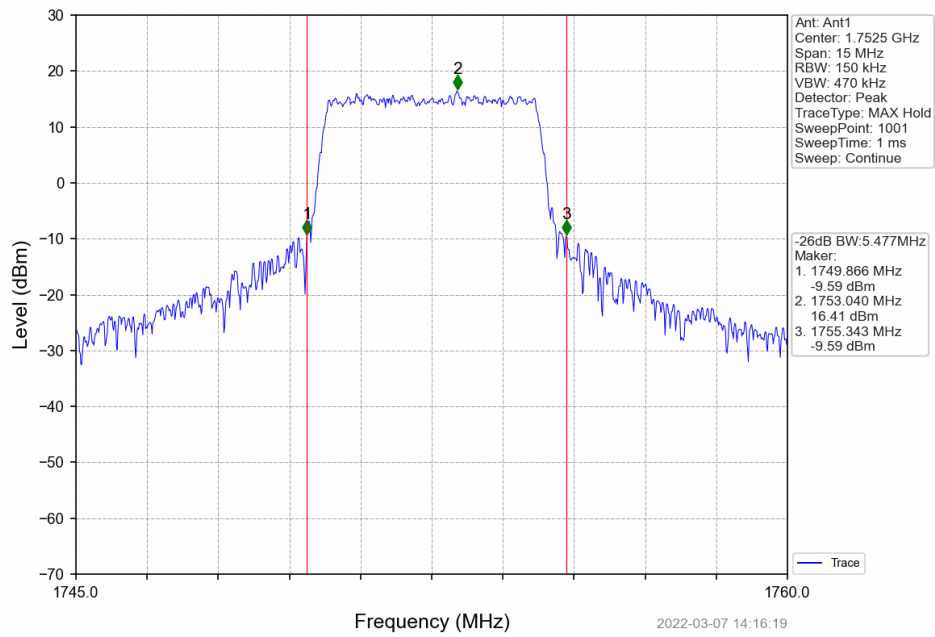
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN



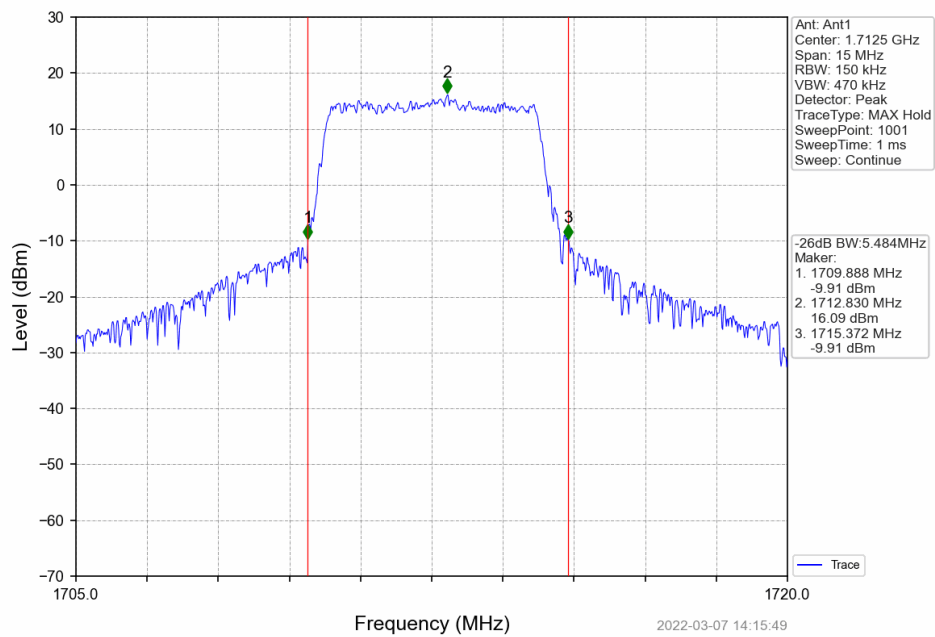
Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_25\_0\_NTN



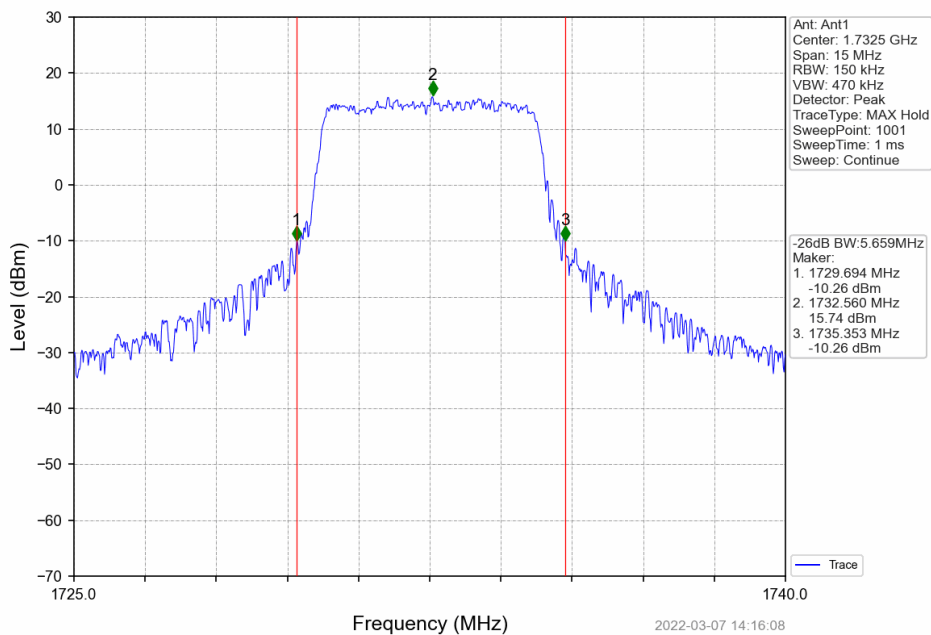
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV



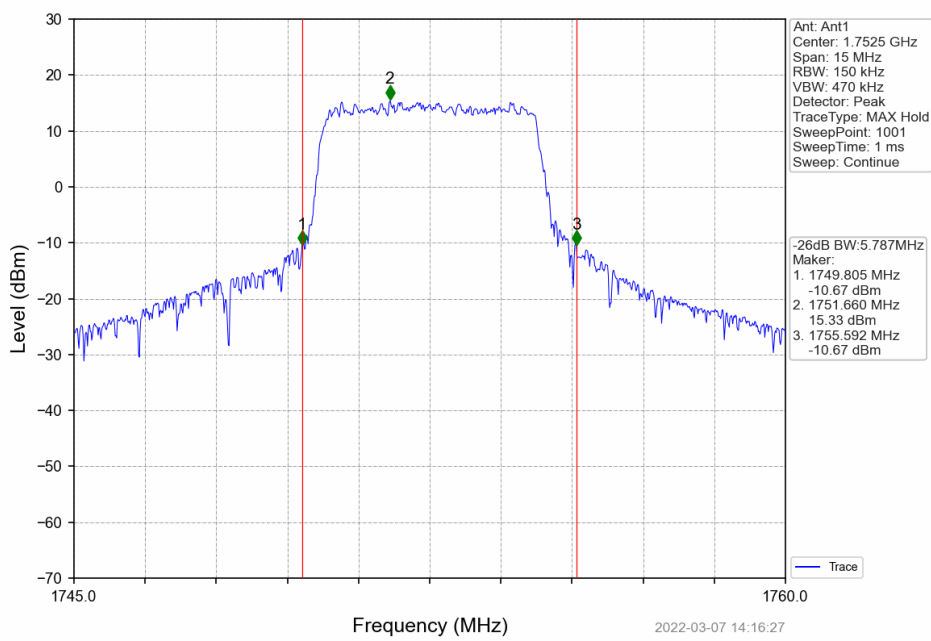
Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



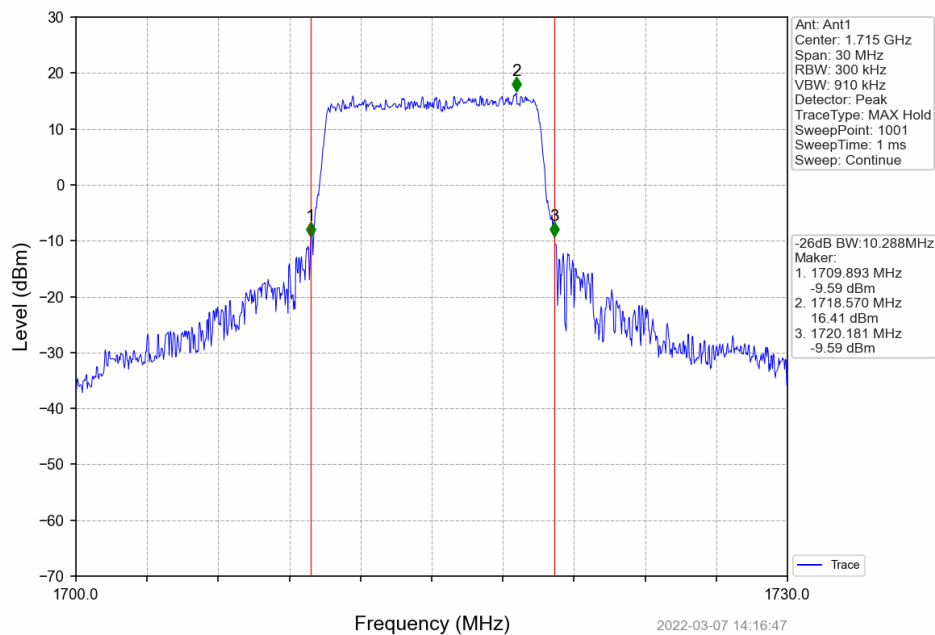
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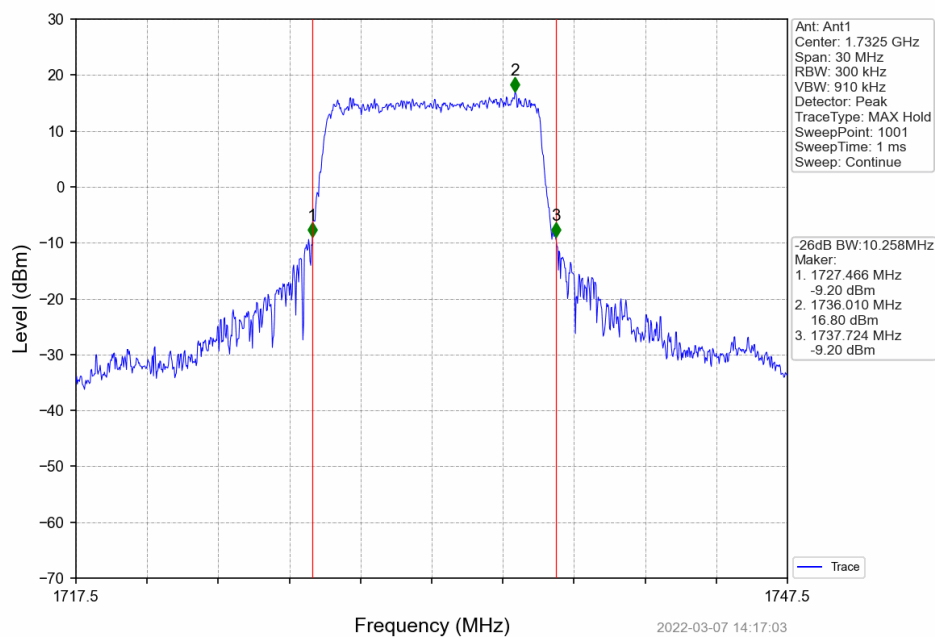
Band4\_5MHz\_16QAM\_HCH\_1752.5MHz\_RB\_25\_0\_NTNV



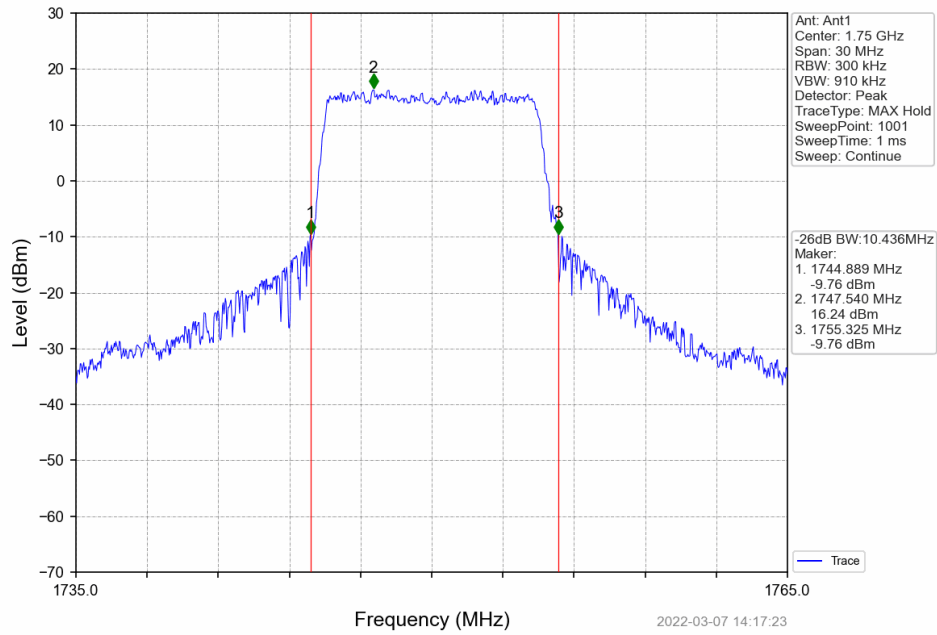
Band4\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV



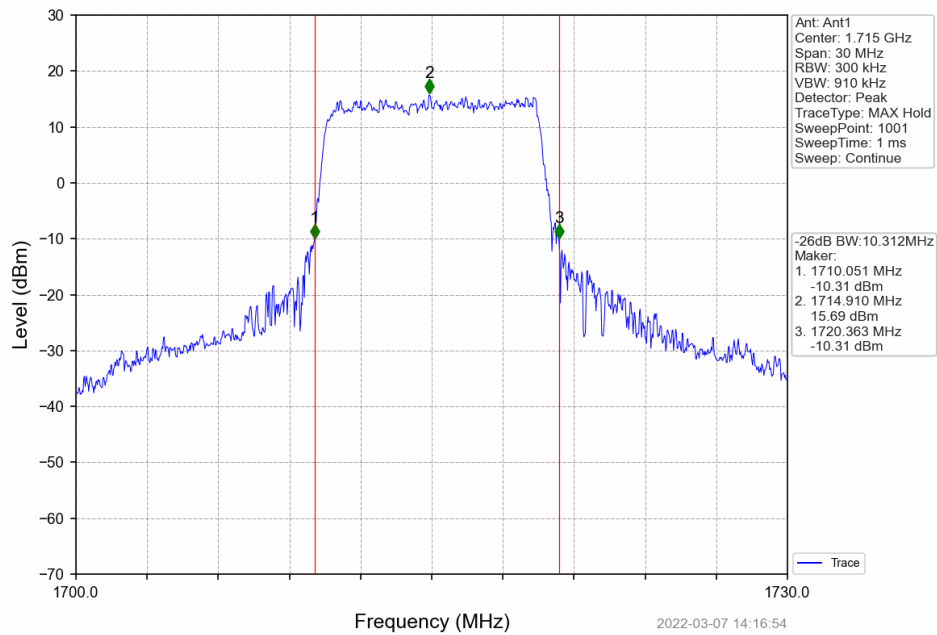
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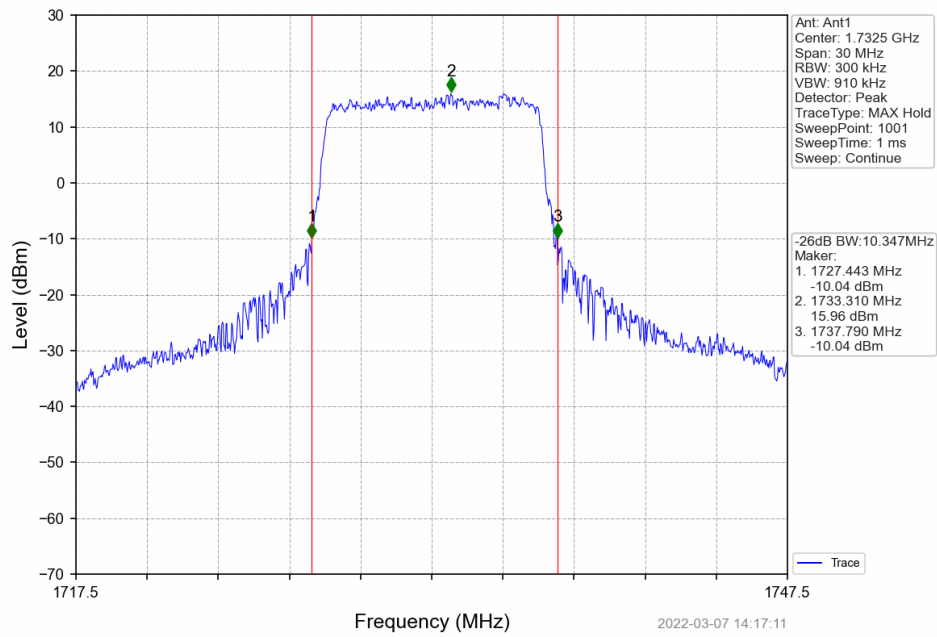
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN



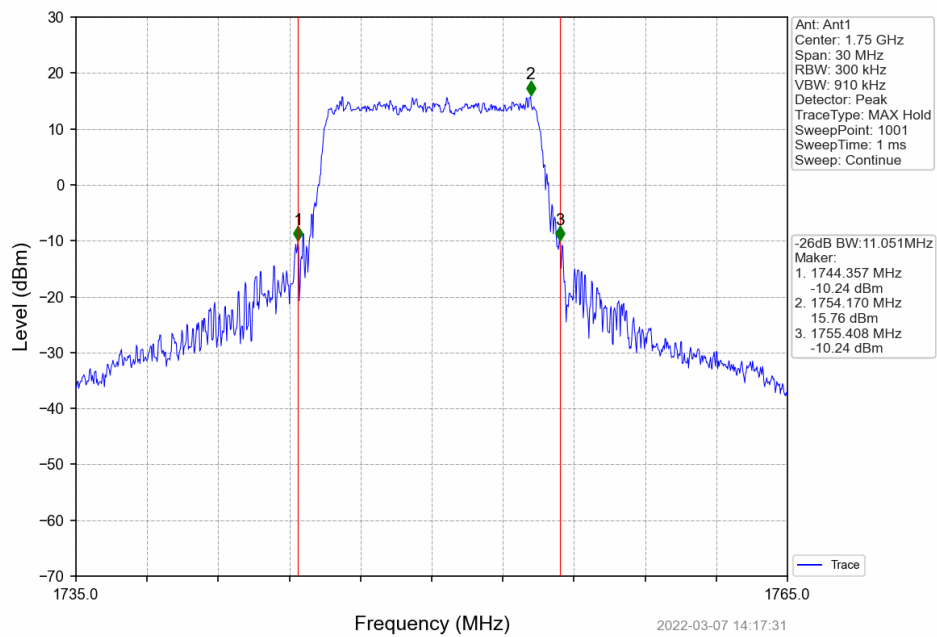
Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTN



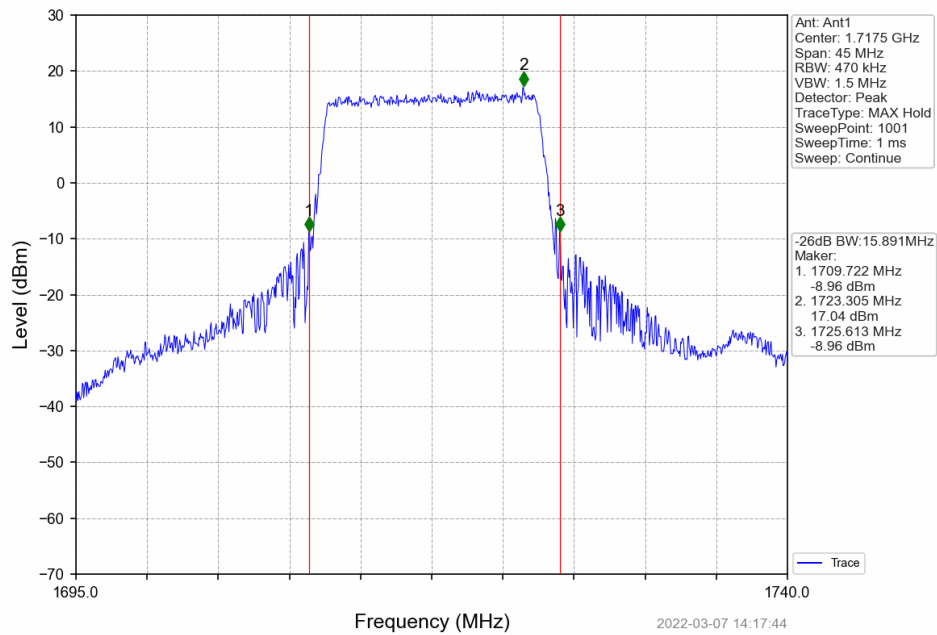
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTNV



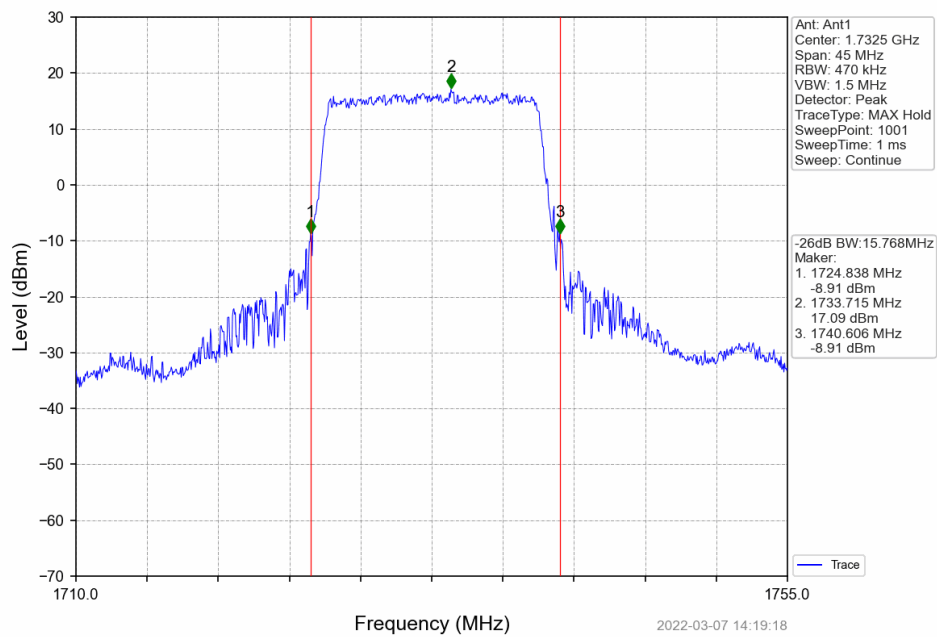
Band4\_10MHz\_16QAM\_HCH\_1750MHz\_RB\_50\_0\_NTNV



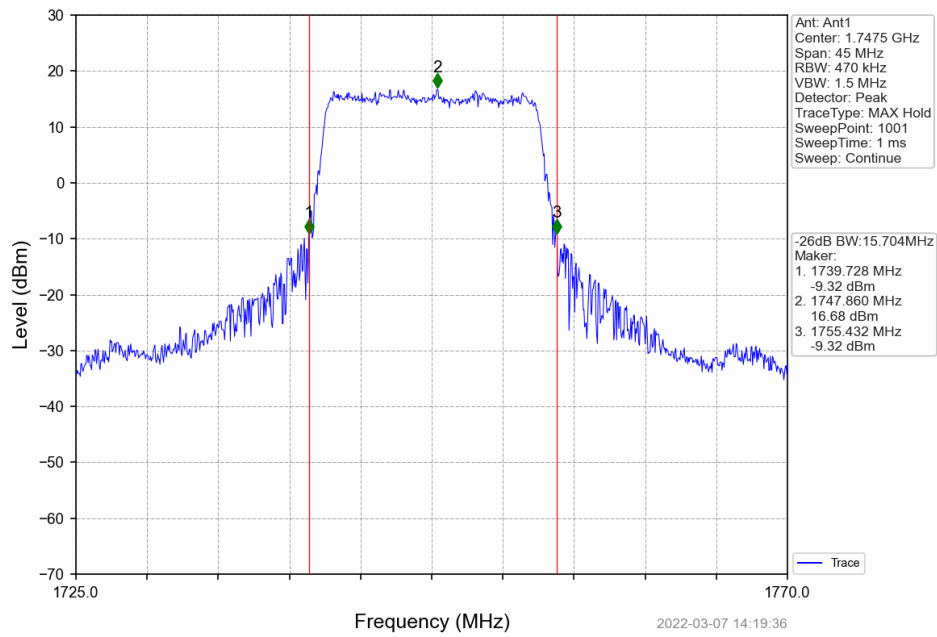
# Band4\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



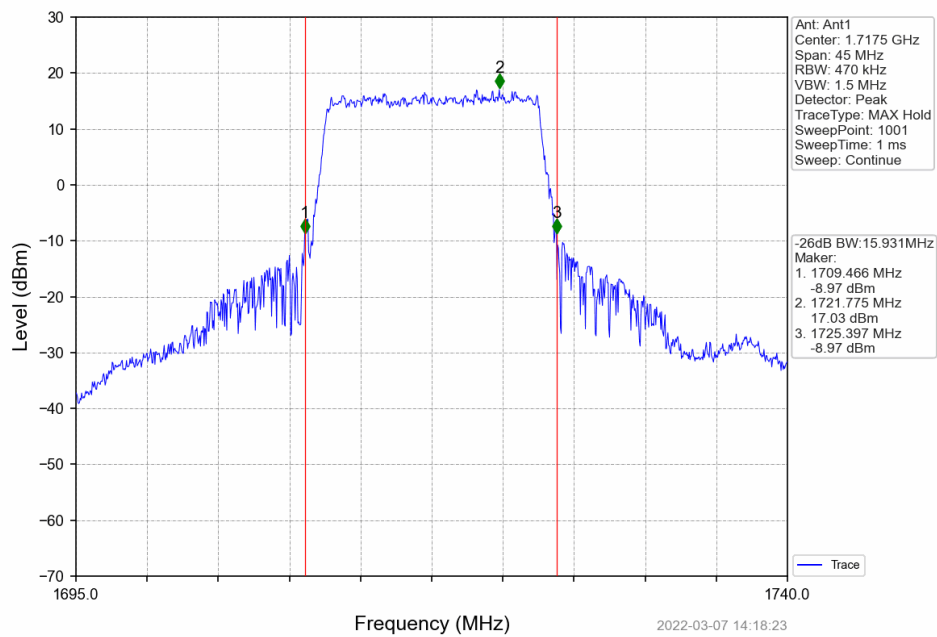
# Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_75\_0\_NTNV



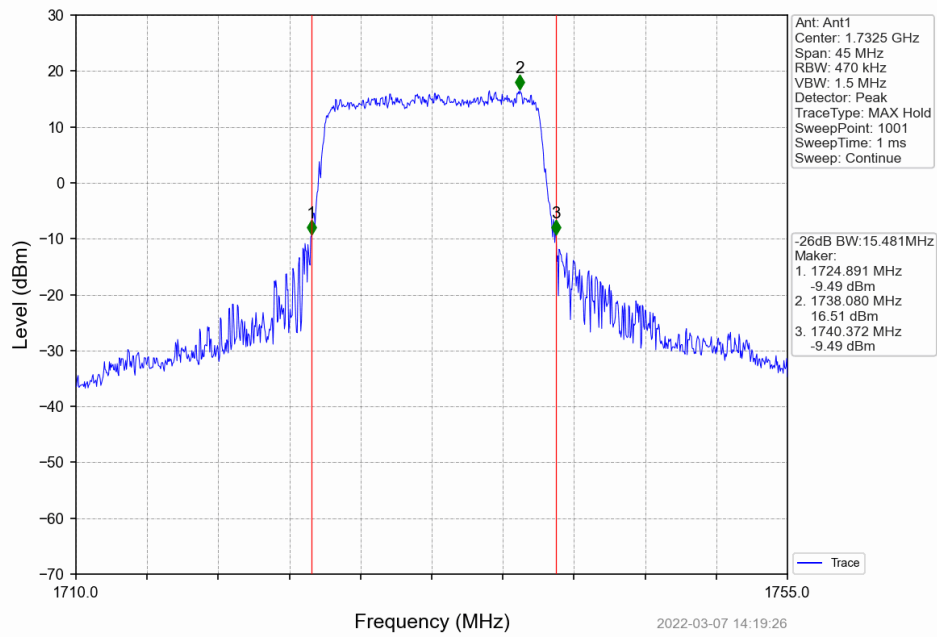
Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_75\_0\_NTNV



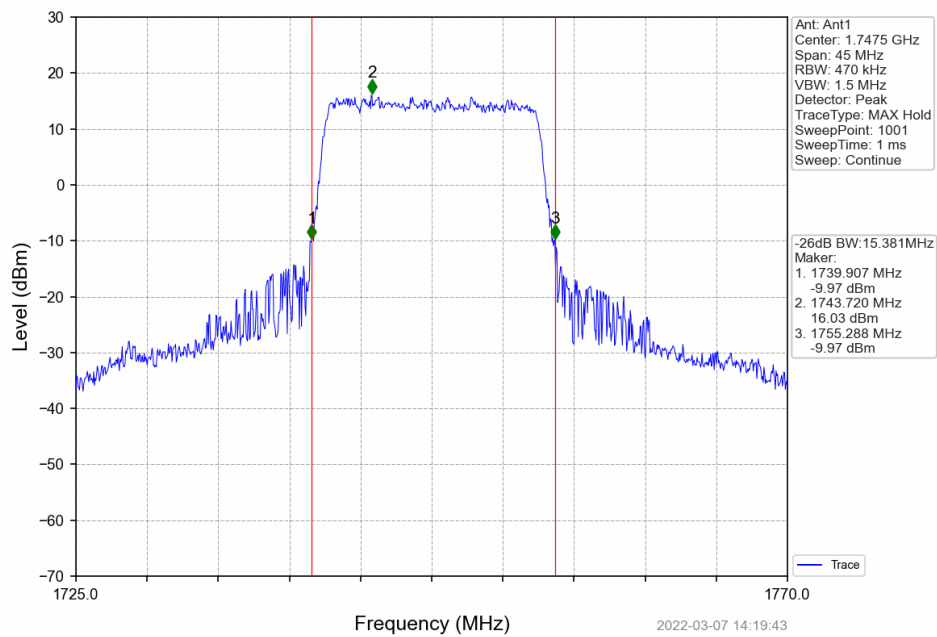
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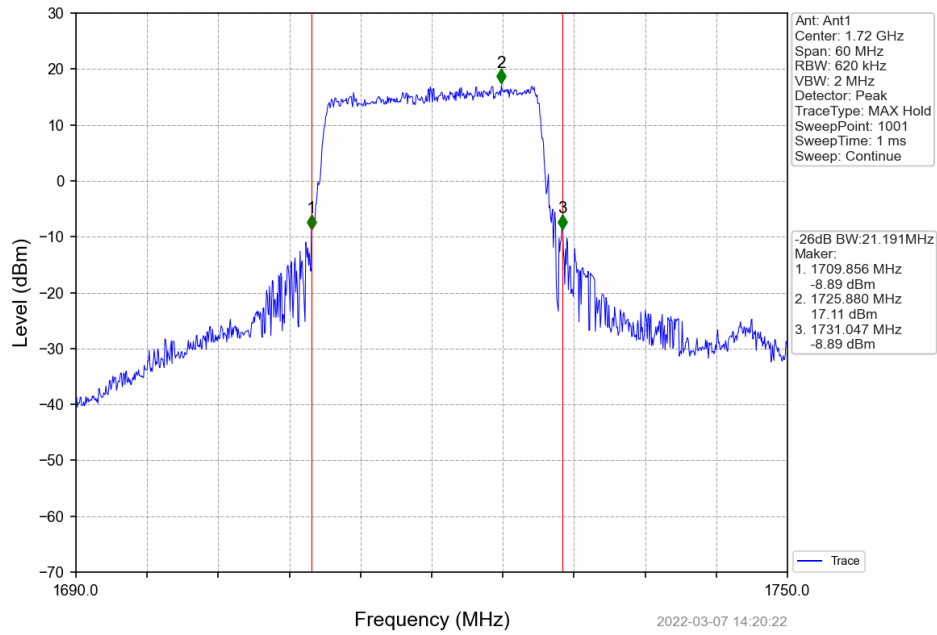
# Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



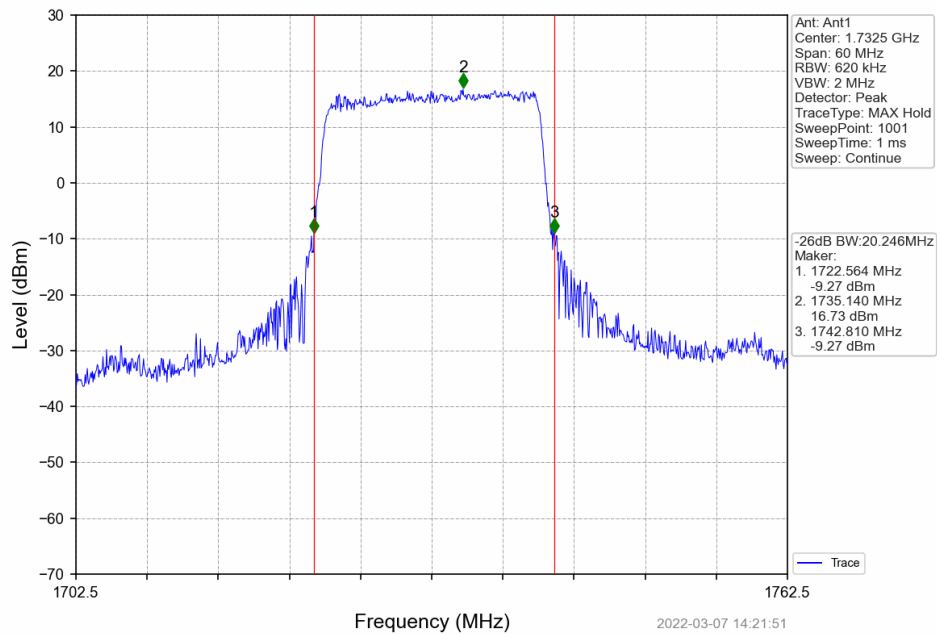
# Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTNV



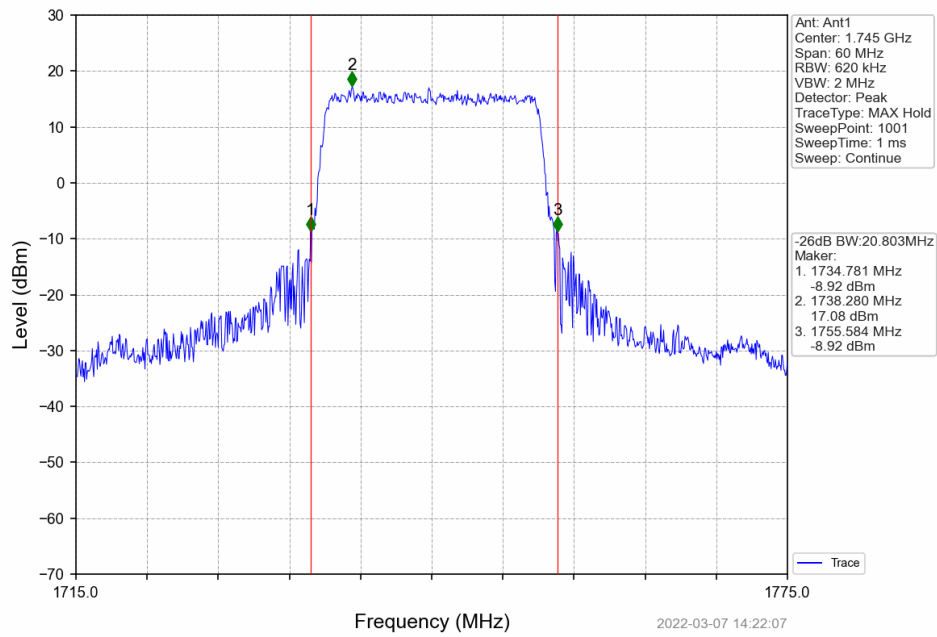
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTN



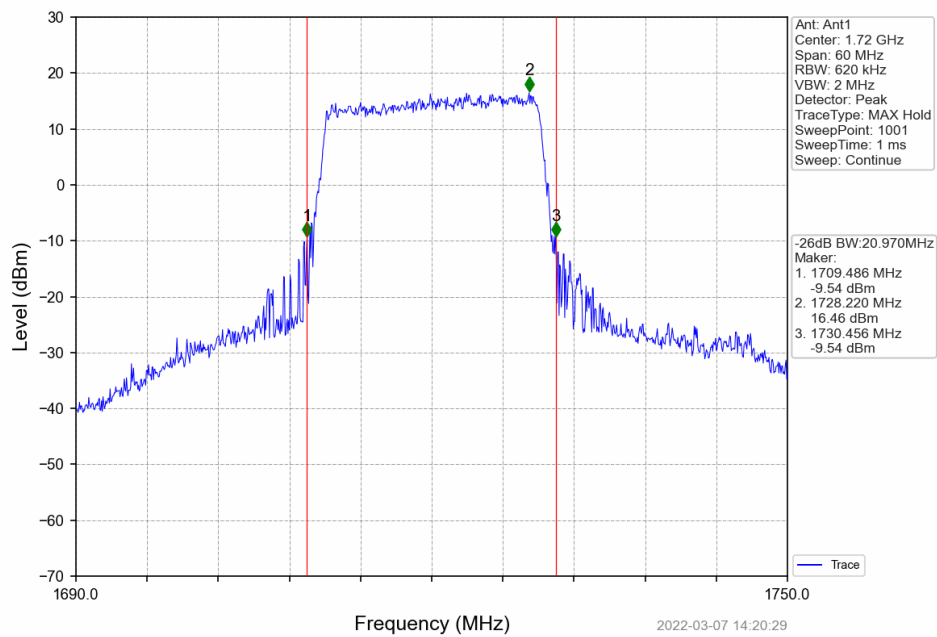
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTN



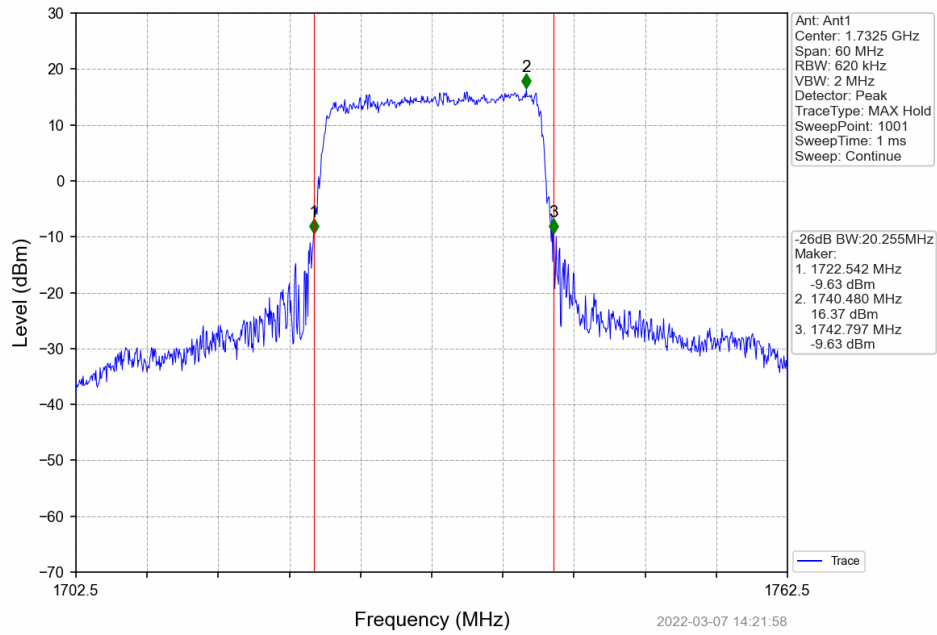
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



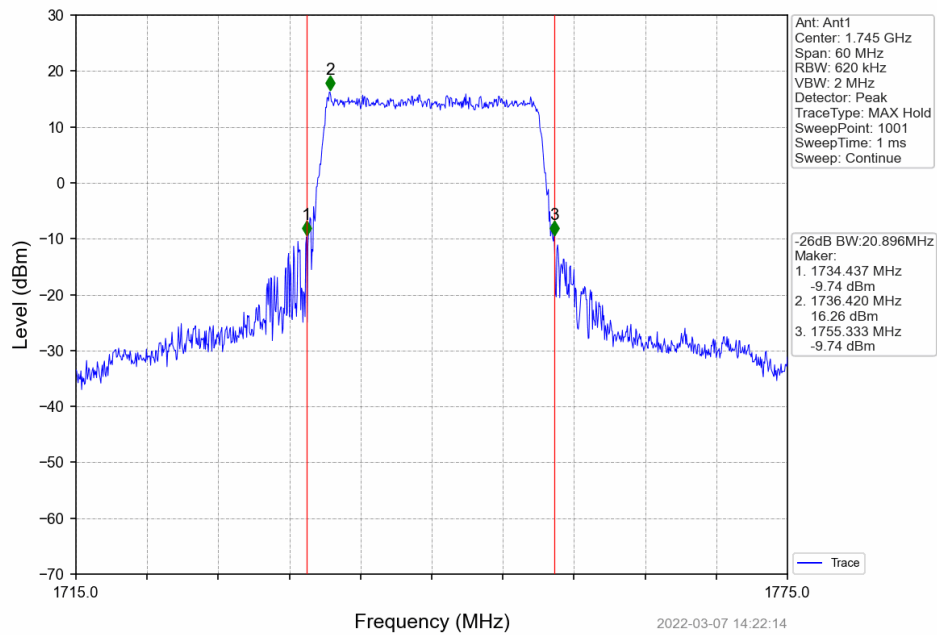
Band4\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTNV



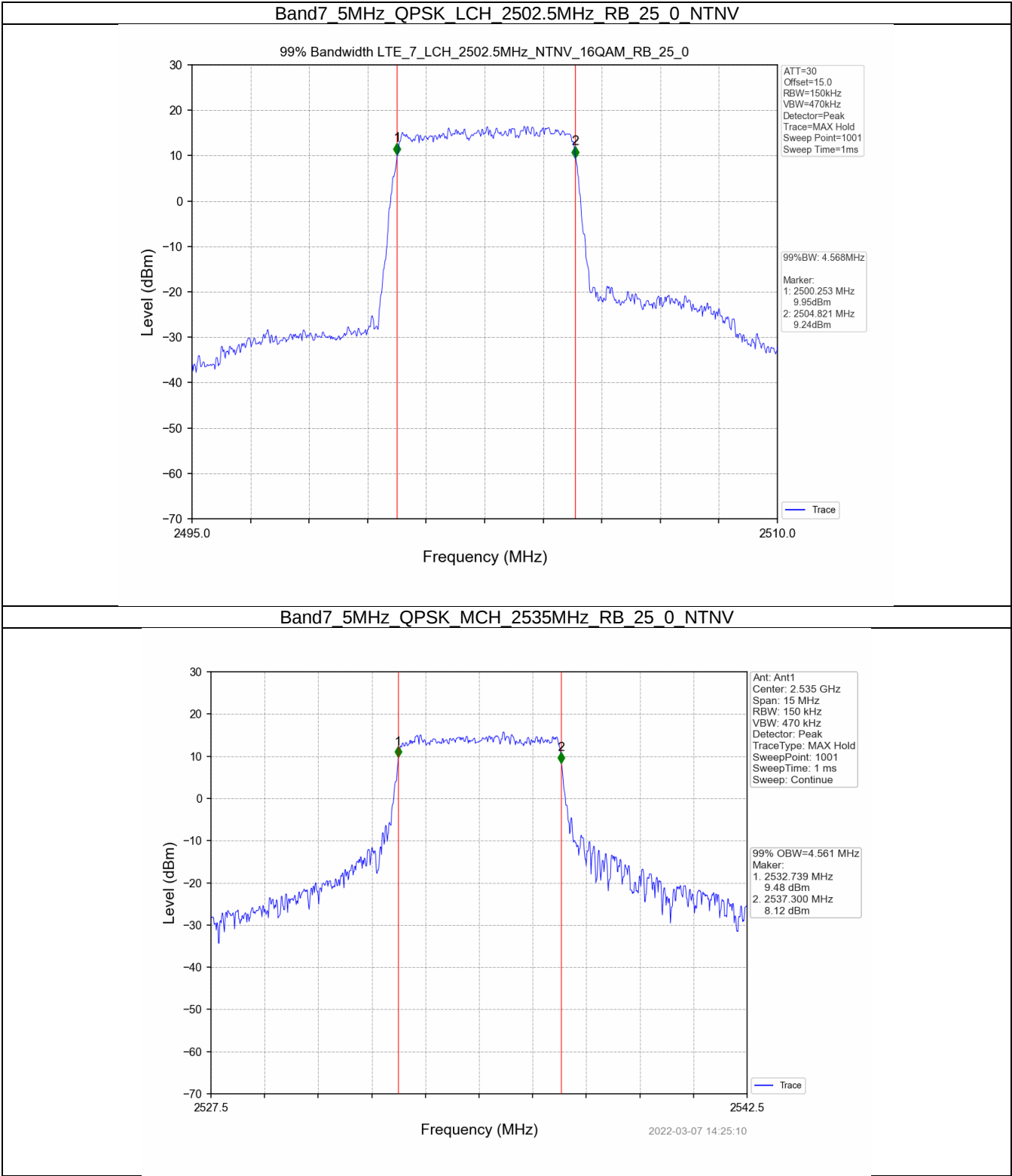
### 3. 99% & 26dB Bandwidth

#### 3.1 Band7\_OBW

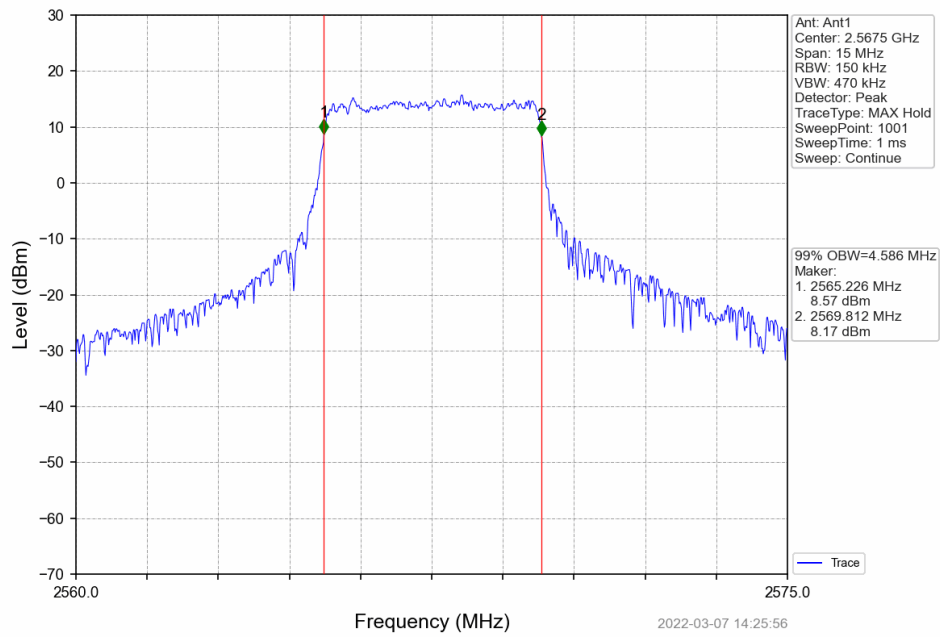
##### 3.1.1 Test Result

| Band: 7 / NTN   |            |                 |               |        |                              |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result                       |         |
| 5               | QPSK       | 2502.5          | 25            | 0      | 4.545                        | Pass    |
|                 |            | 2535            | 25            | 0      | 4.561                        | Pass    |
|                 |            | 2567.5          | 25            | 0      | 4.586                        | Pass    |
|                 | 16QAM      | 2502.5          | 25            | 0      | 4.563                        | Pass    |
|                 |            | 2535            | 25            | 0      | 4.606                        | Pass    |
|                 |            | 2567.5          | 25            | 0      | 4.611                        | Pass    |
| 10              | QPSK       | 2505            | 50            | 0      | 9.061                        | Pass    |
|                 |            | 2535            | 50            | 0      | 9.083                        | Pass    |
|                 |            | 2565            | 50            | 0      | 9.057                        | Pass    |
|                 | 16QAM      | 2505            | 50            | 0      | 9.053                        | Pass    |
|                 |            | 2535            | 50            | 0      | 9.086                        | Pass    |
|                 |            | 2565            | 50            | 0      | 9.060                        | Pass    |
| 15              | QPSK       | 2507.5          | 75            | 0      | 13.603                       | Pass    |
|                 |            | 2535            | 75            | 0      | 13.612                       | Pass    |
|                 |            | 2562.5          | 75            | 0      | 13.616                       | Pass    |
|                 | 16QAM      | 2507.5          | 75            | 0      | 13.570                       | Pass    |
|                 |            | 2535            | 75            | 0      | 13.617                       | Pass    |
|                 |            | 2562.5          | 75            | 0      | 13.641                       | Pass    |
| 20              | QPSK       | 2510            | 100           | 0      | 18.116                       | Pass    |
|                 |            | 2535            | 100           | 0      | 18.131                       | Pass    |
|                 |            | 2560            | 100           | 0      | 18.264                       | Pass    |
|                 | 16QAM      | 2510            | 100           | 0      | 18.213                       | Pass    |
|                 |            | 2535            | 100           | 0      | 18.141                       | Pass    |
|                 |            | 2560            | 100           | 0      | 18.218                       | Pass    |

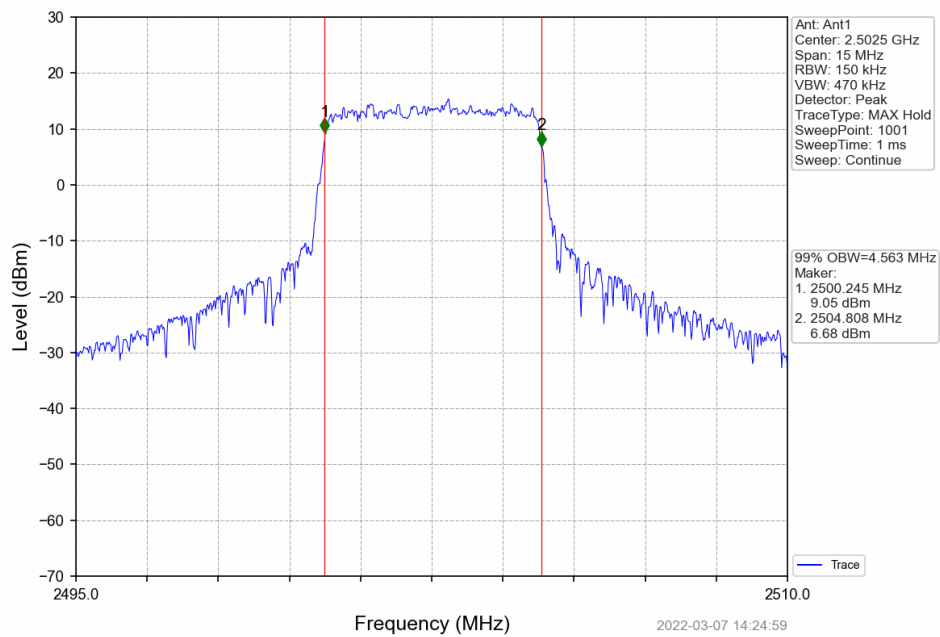
3.1.2 Test Graph



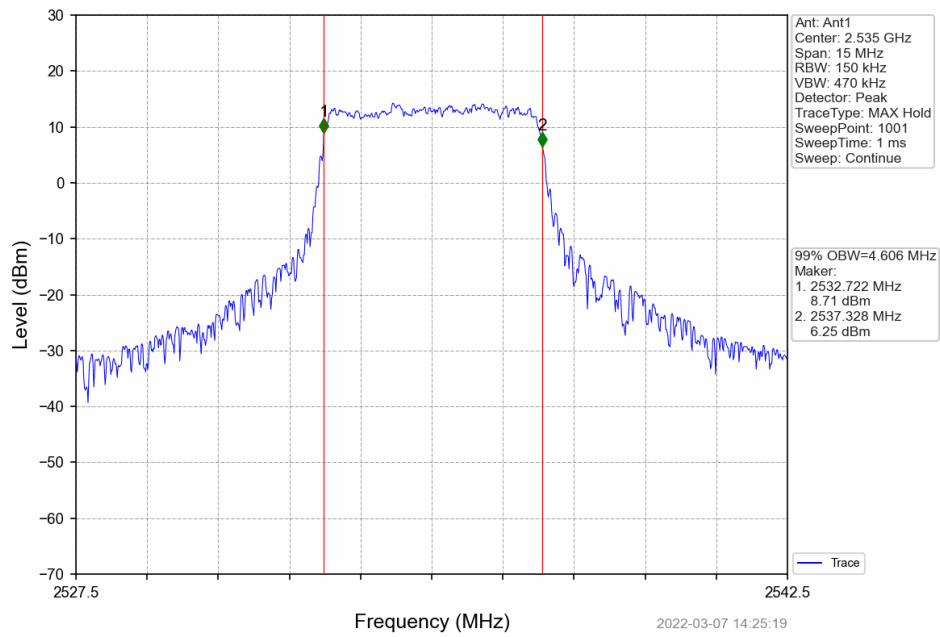
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN



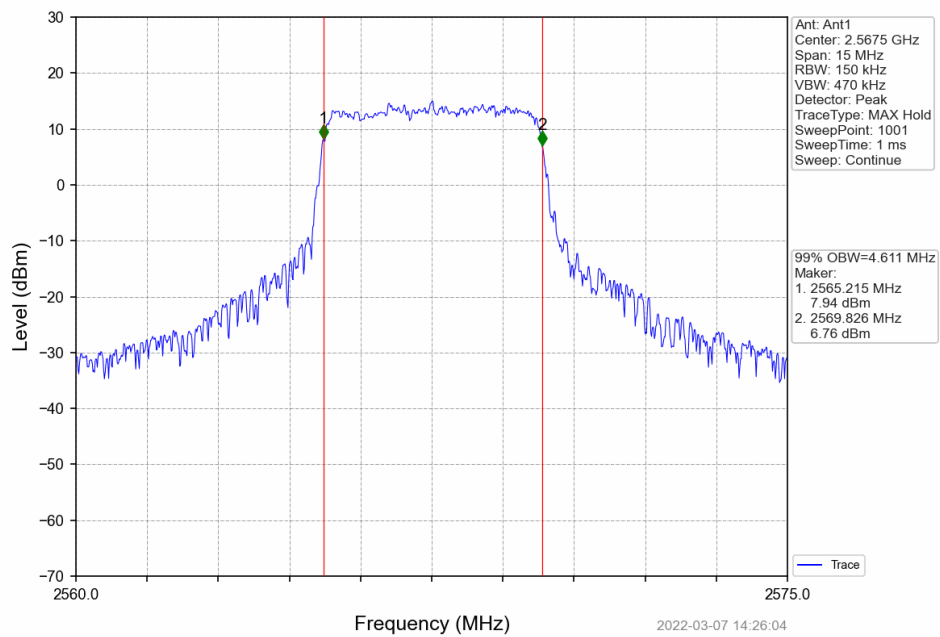
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTN



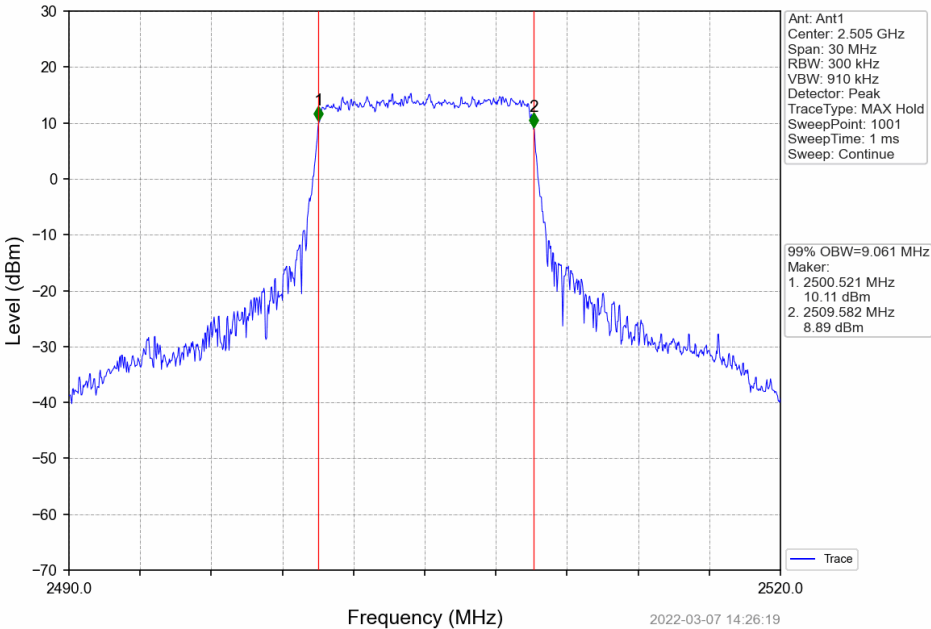
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTNV



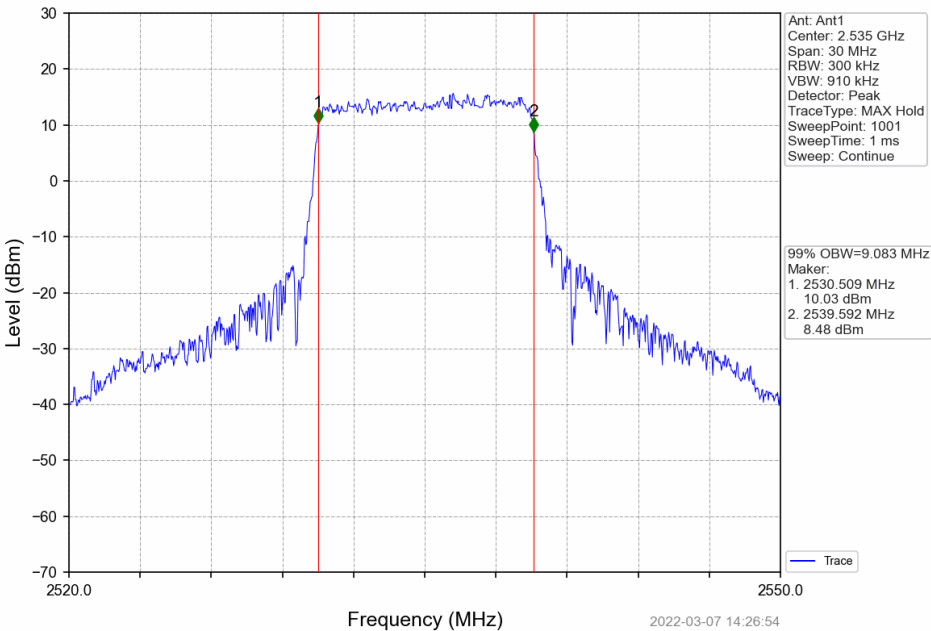
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV



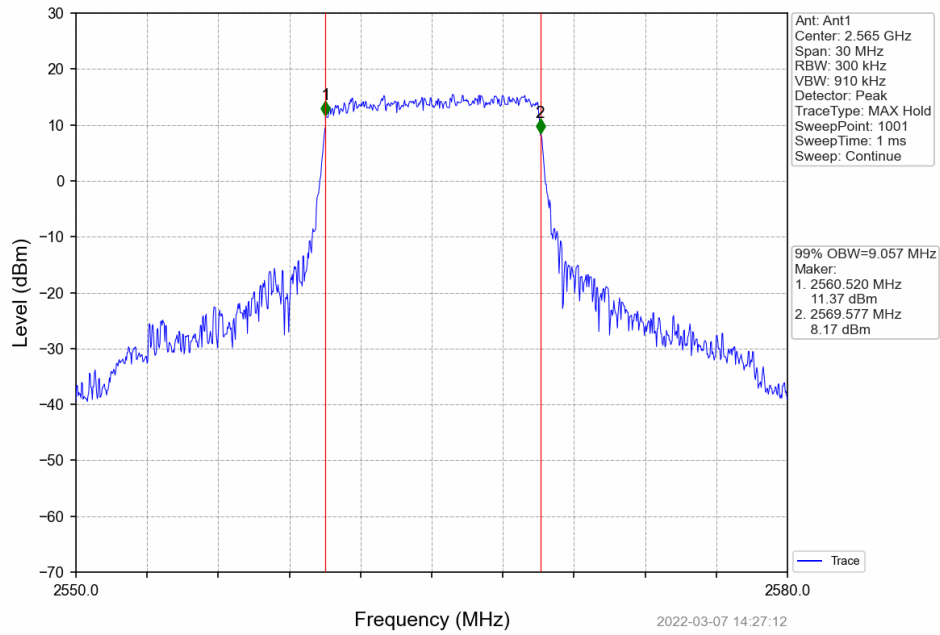
Band7\_10MHz\_QPSK\_LCH\_2505MHz\_RB\_50\_0\_NTNV



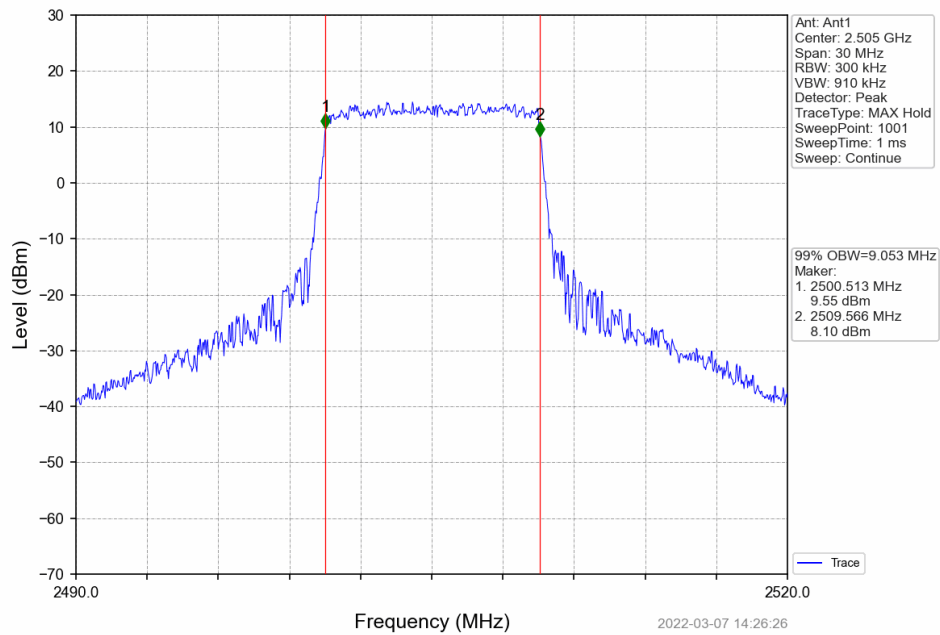
Band7\_10MHz\_QPSK\_MCH\_2535MHz\_RB\_50\_0\_NTNV



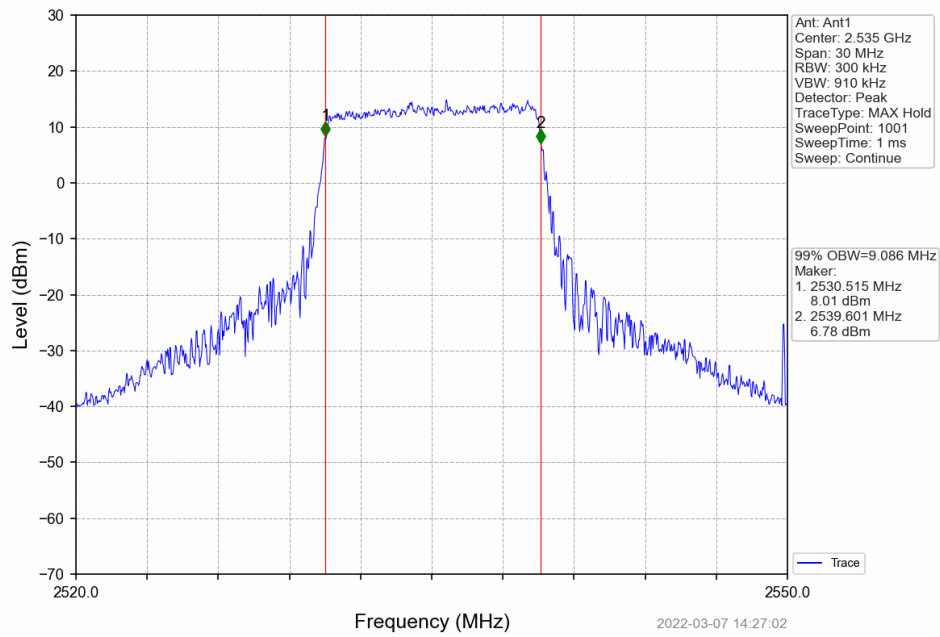
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



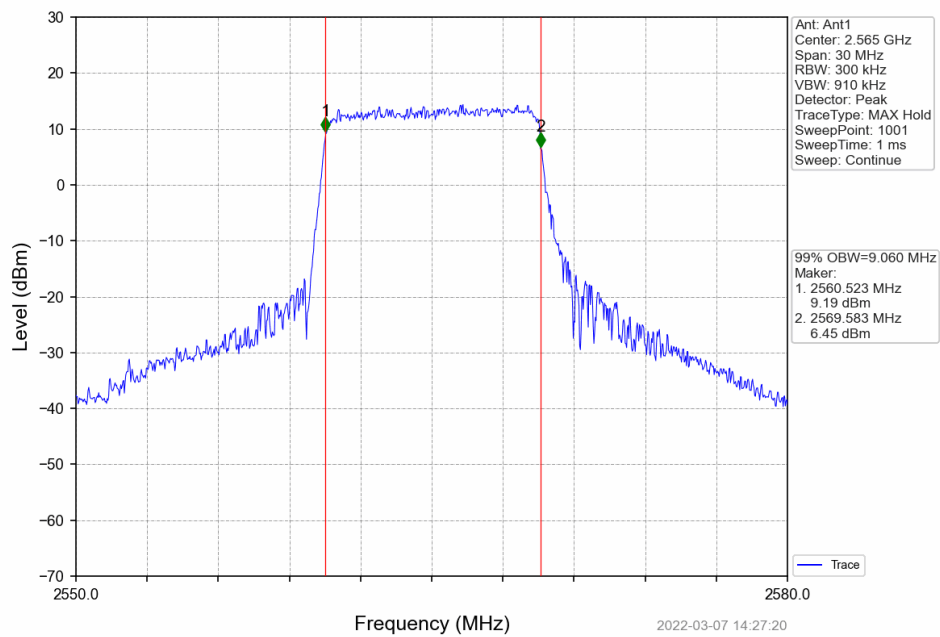
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTN



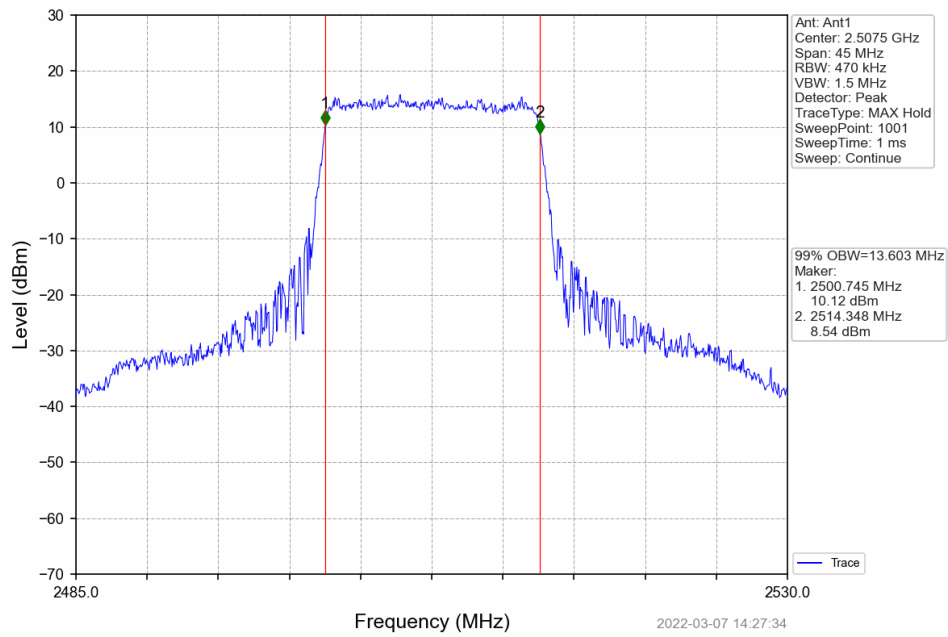
Band7\_10MHz\_16QAM\_MCH\_2535MHz\_RB\_50\_0\_NTNV



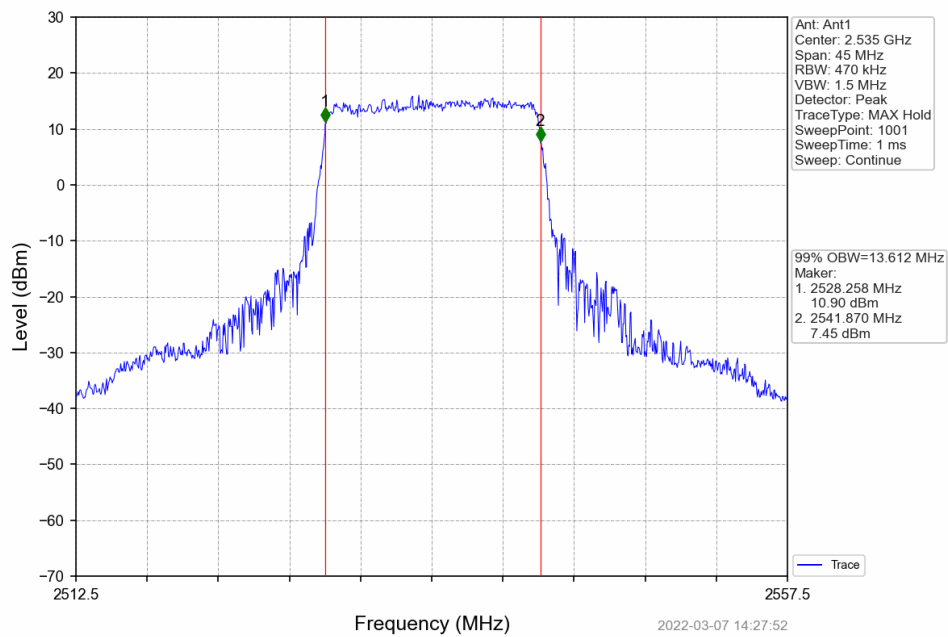
Band7\_10MHz\_16QAM\_HCH\_2565MHz\_RB\_50\_0\_NTNV



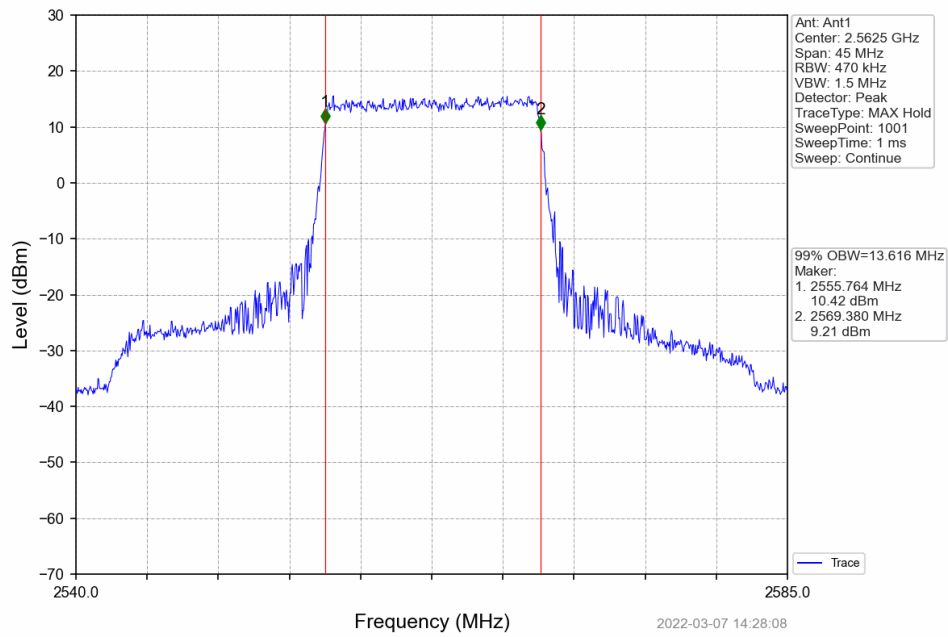
Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_75\_0\_NTNV



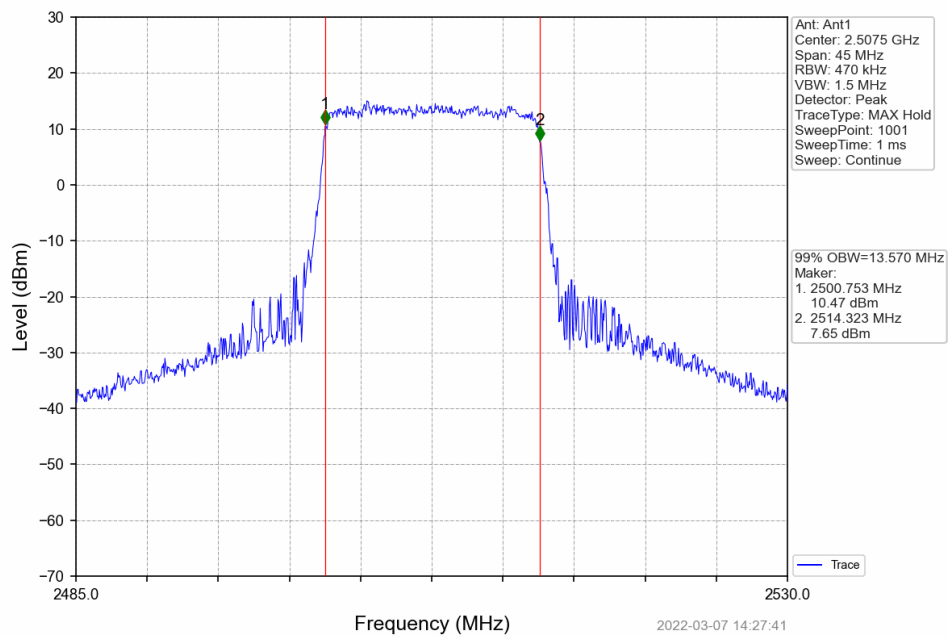
Band7\_15MHz\_QPSK\_MCH\_2535MHz\_RB\_75\_0\_NTNV



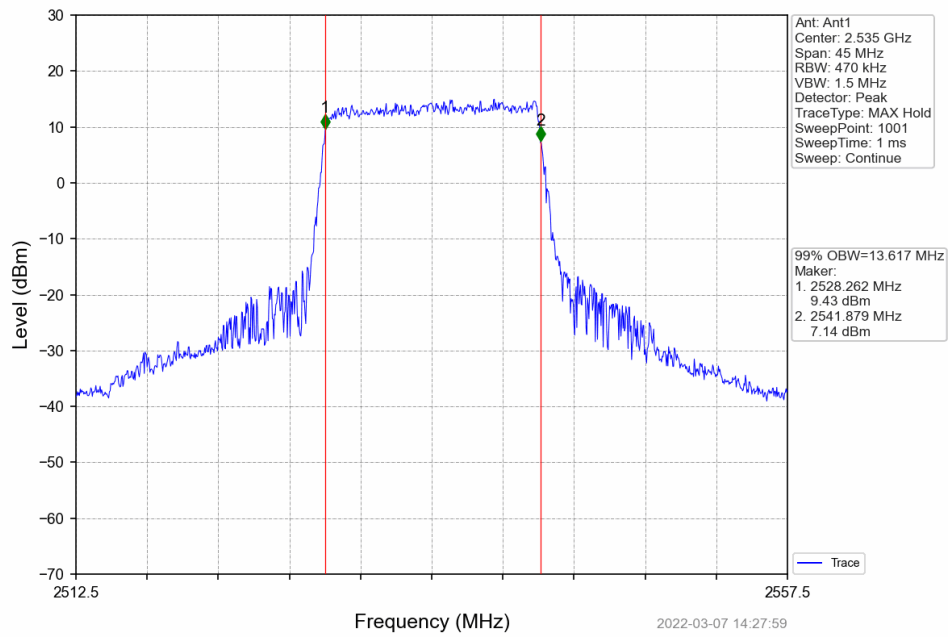
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



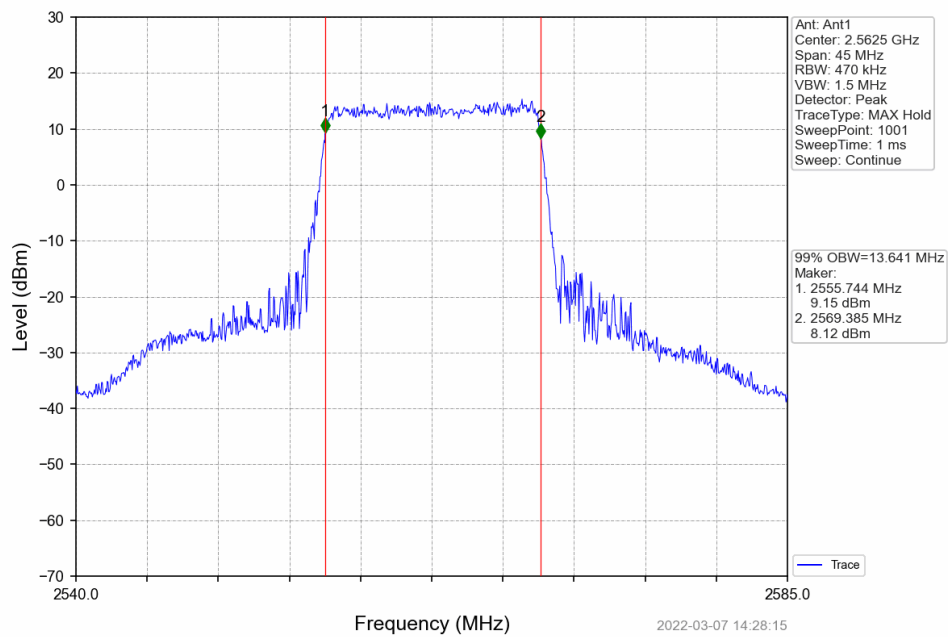
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



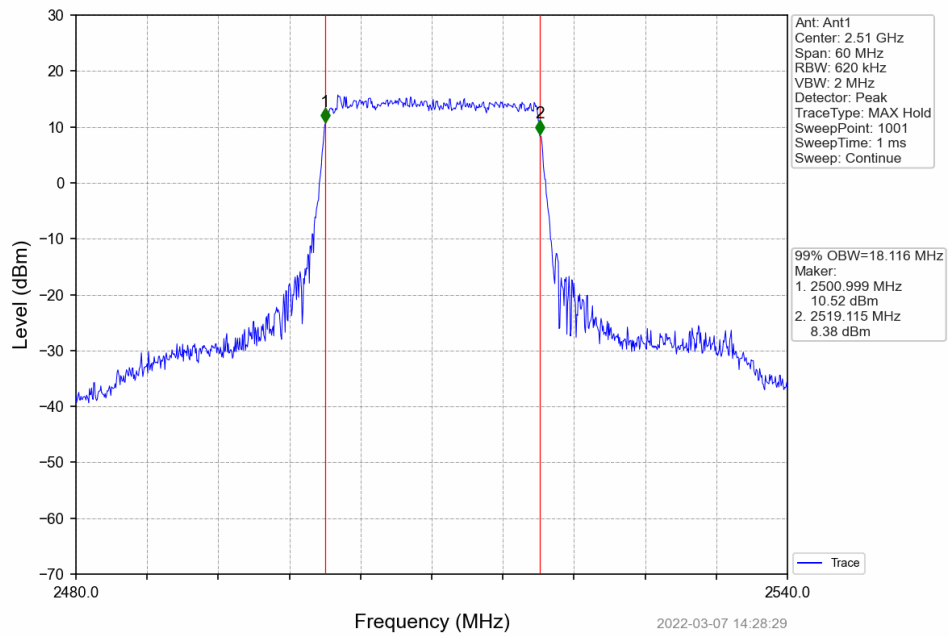
Band7\_15MHz\_16QAM\_MCH\_2535MHz\_RB\_75\_0\_NTNV



Band7\_15MHz\_16QAM\_HCH\_2562.5MHz\_RB\_75\_0\_NTNV



Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_100\_0\_NTNV

