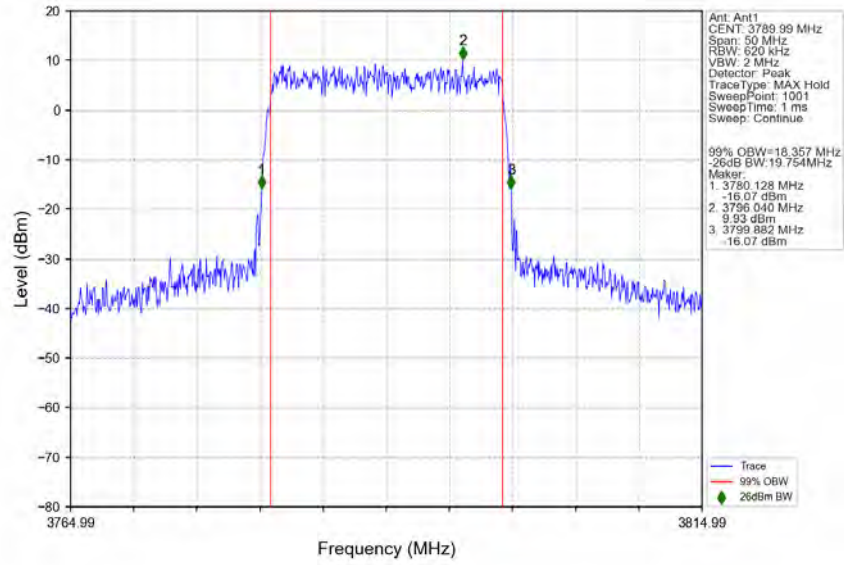
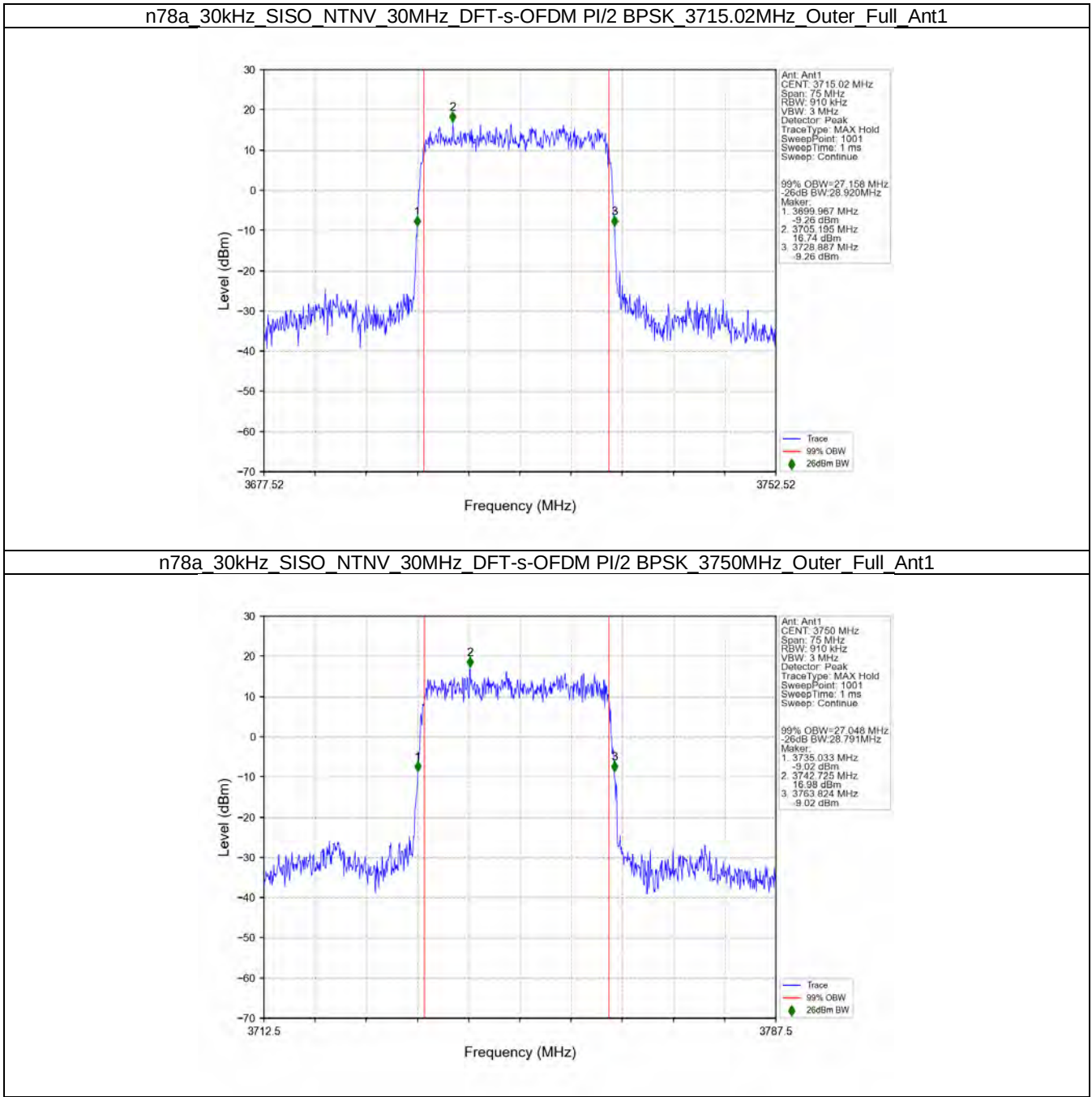


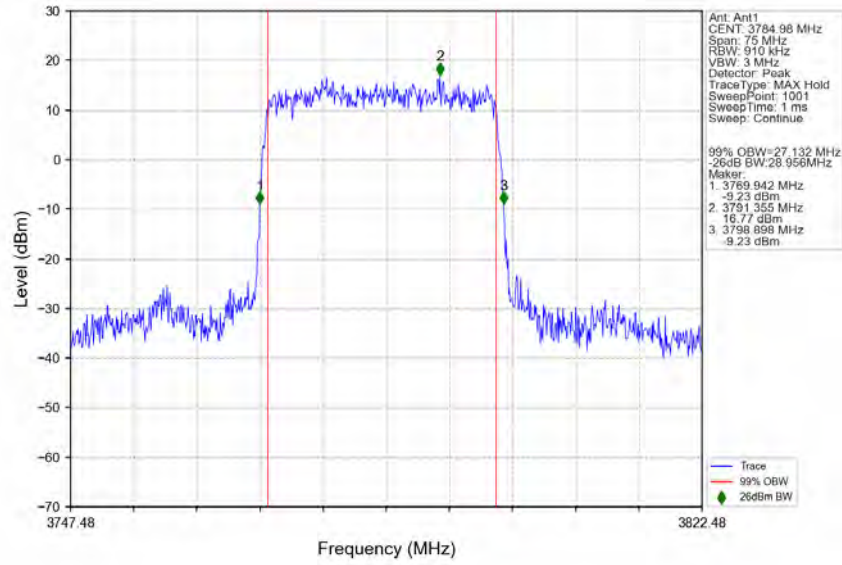
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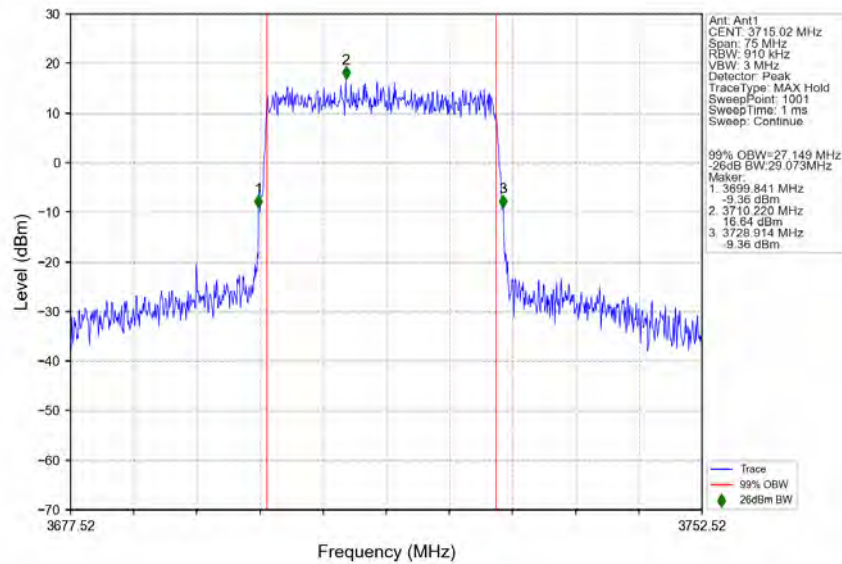
3.2.2 30k\_SISO\_30MHz\_NTNV



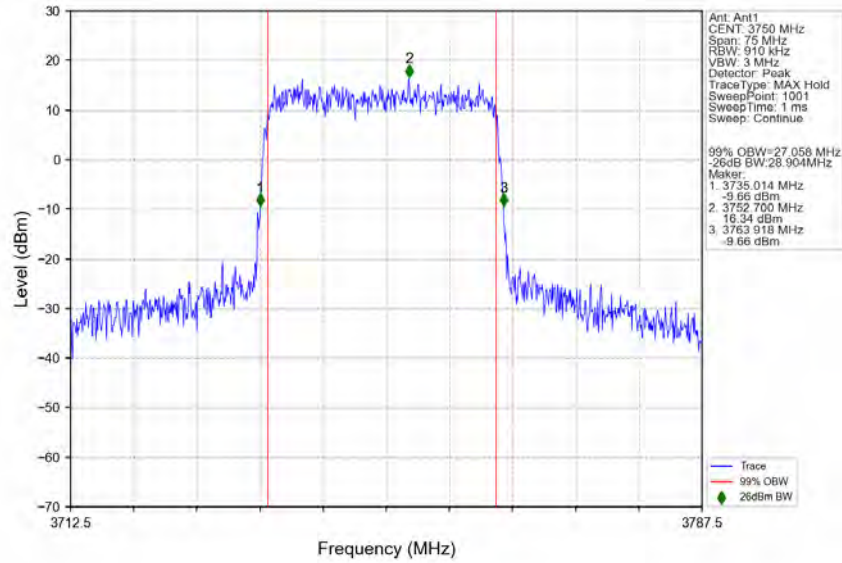
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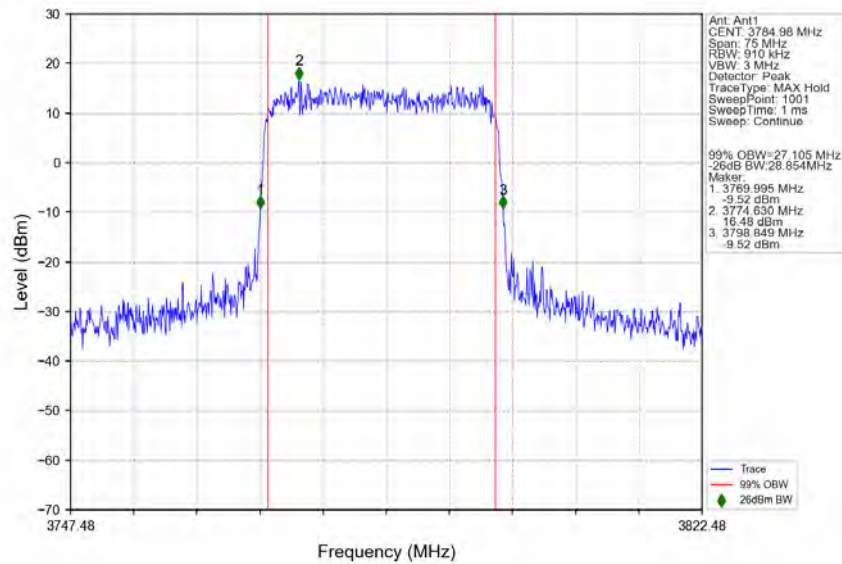
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3715.02MHz Outer Full Ant1



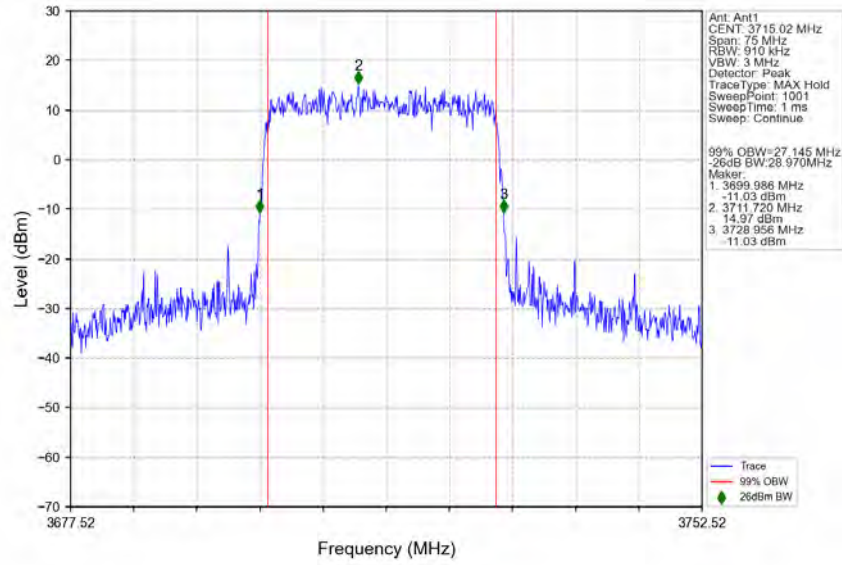
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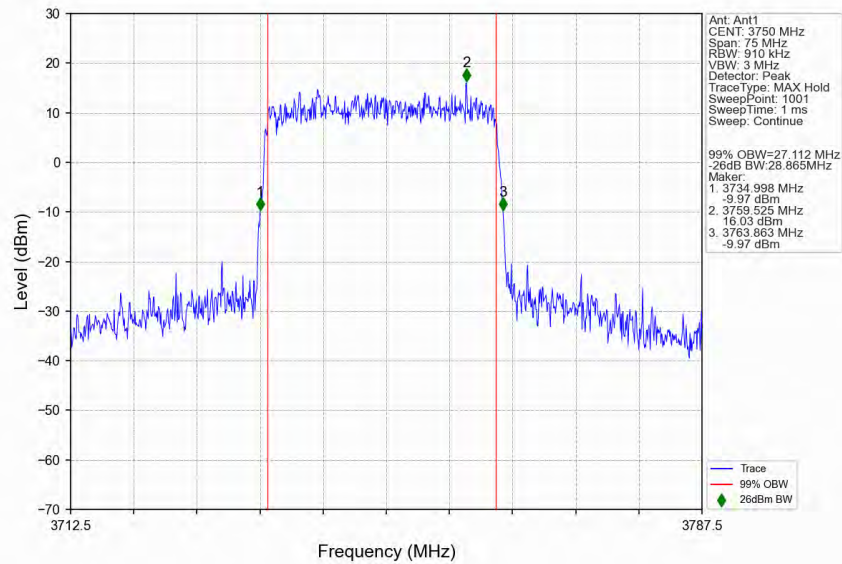
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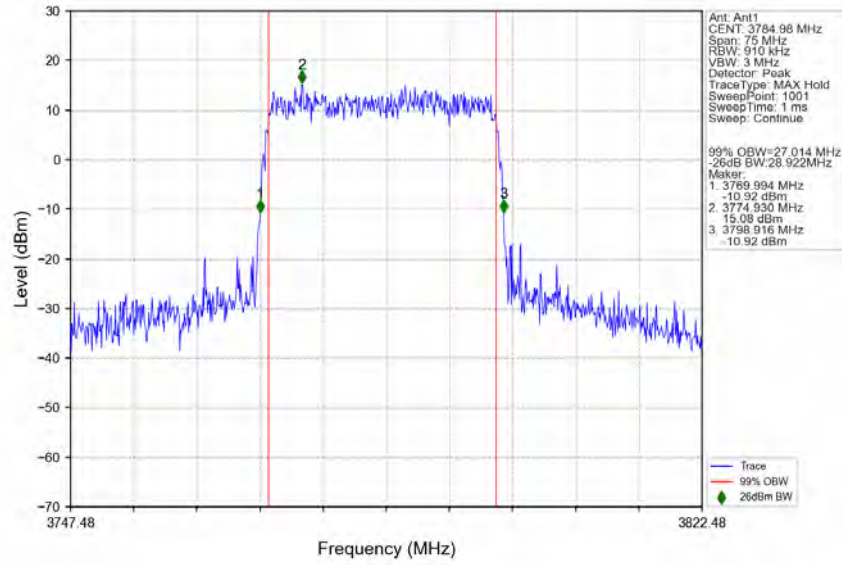
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 3715.02MHz Outer Full Ant1



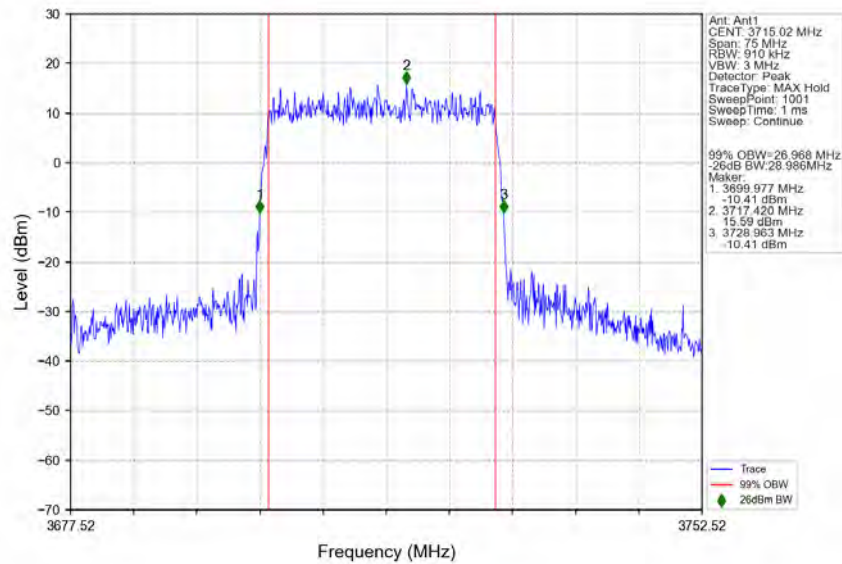
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant1



n78a\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM\_16\_QAM\_3784.98MHz\_Outer\_Full\_Ant1

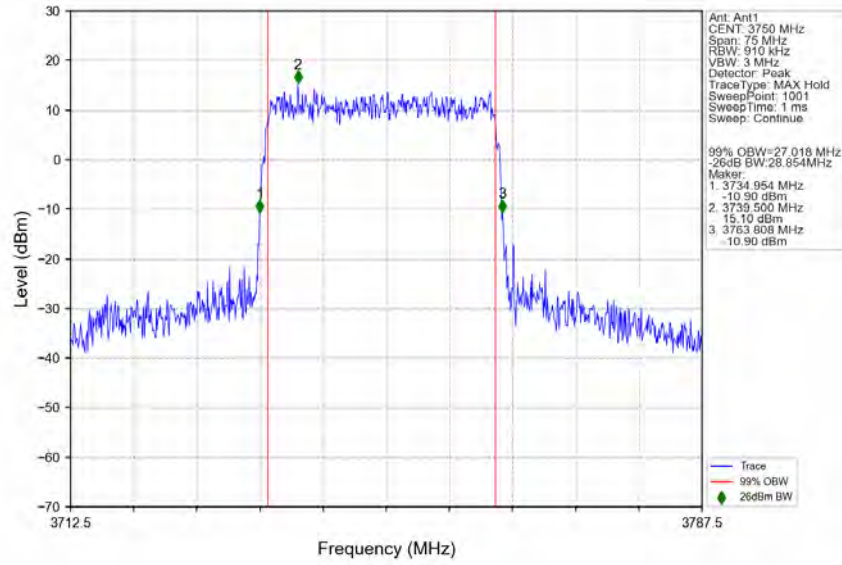


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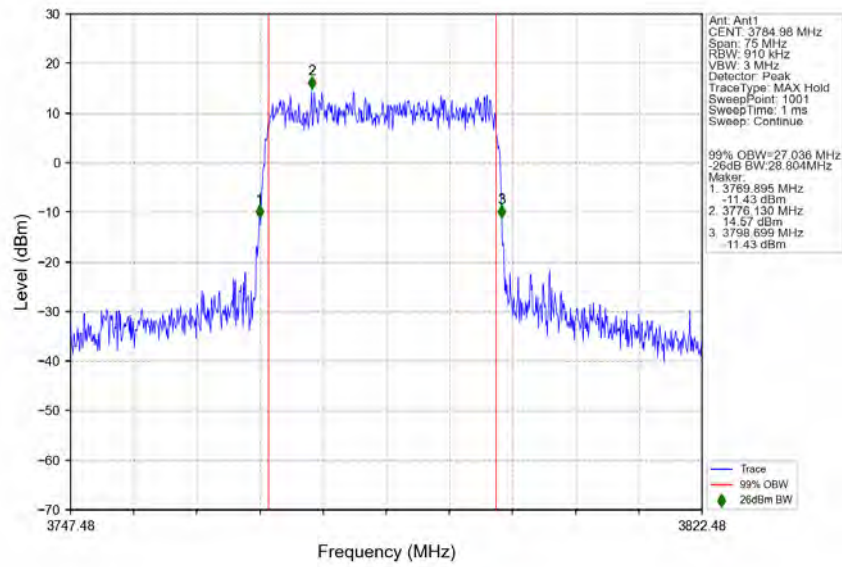




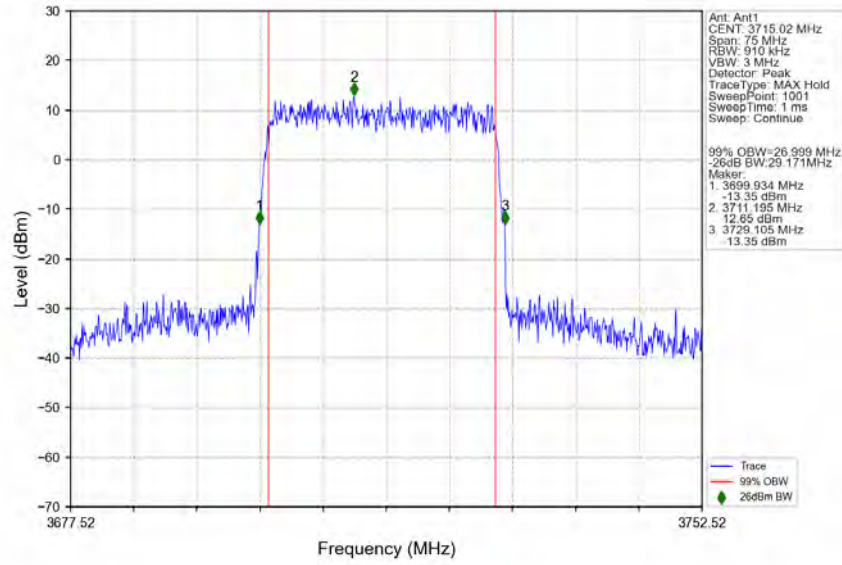
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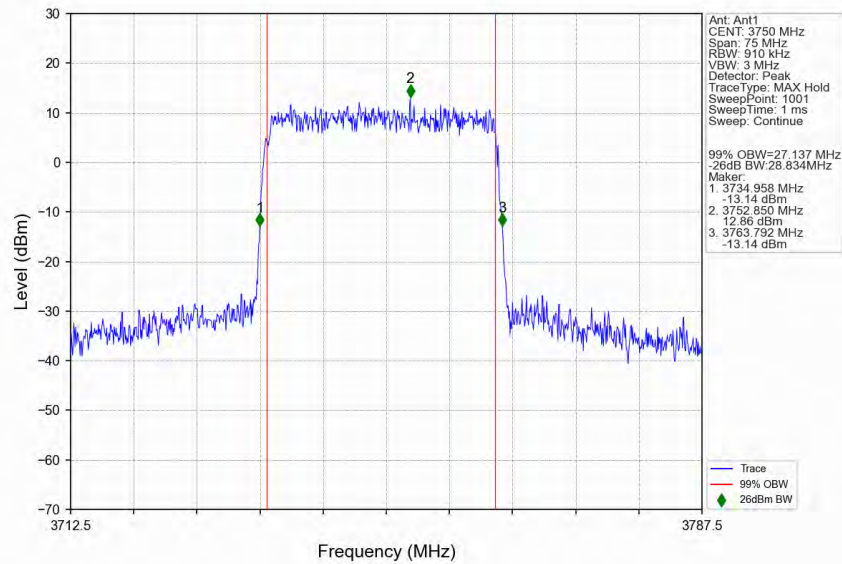
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n78a 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3715.02MHz Outer Full Ant1

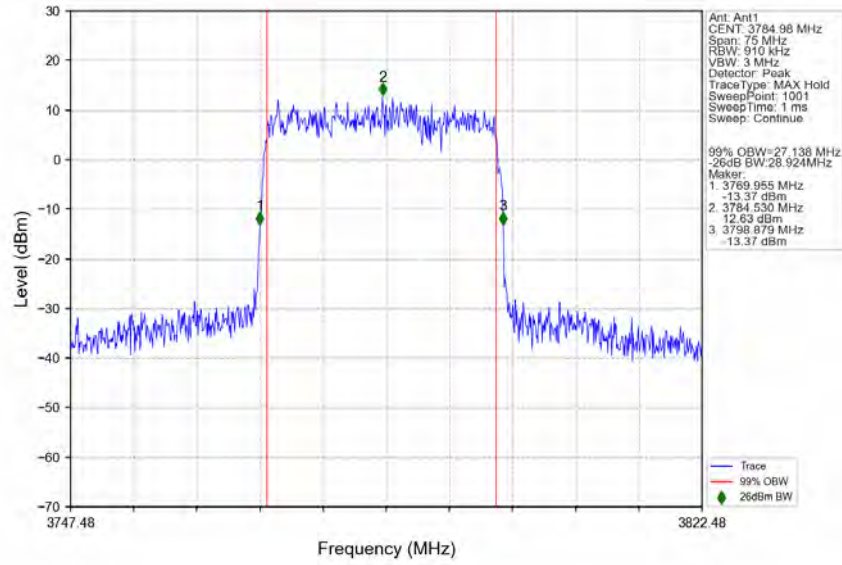


n78a 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1

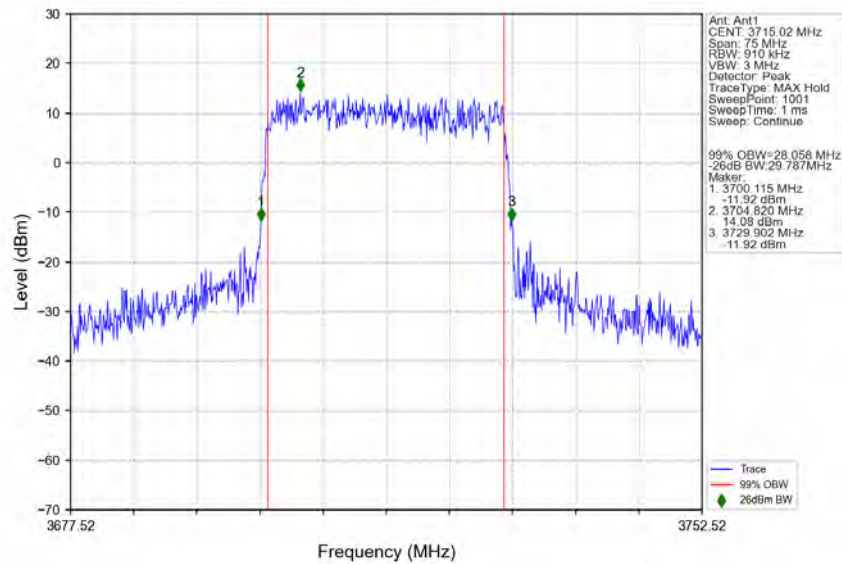




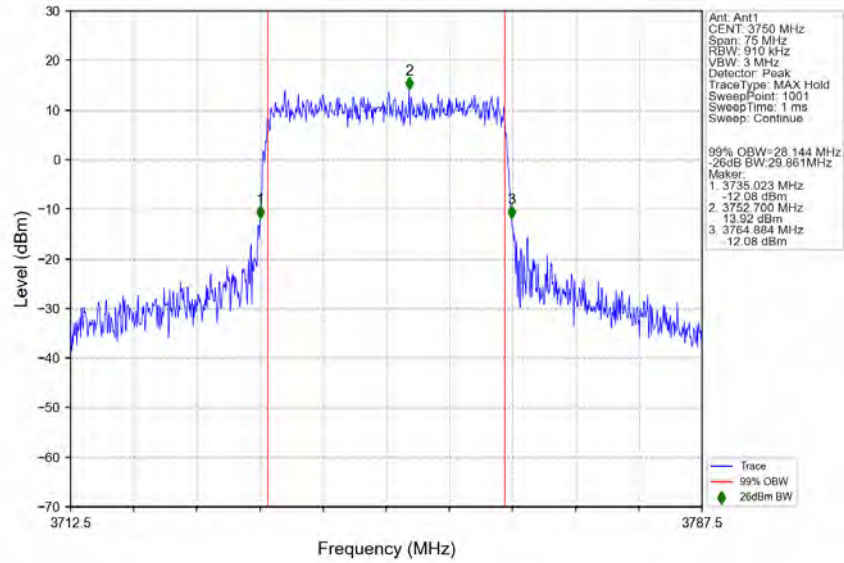
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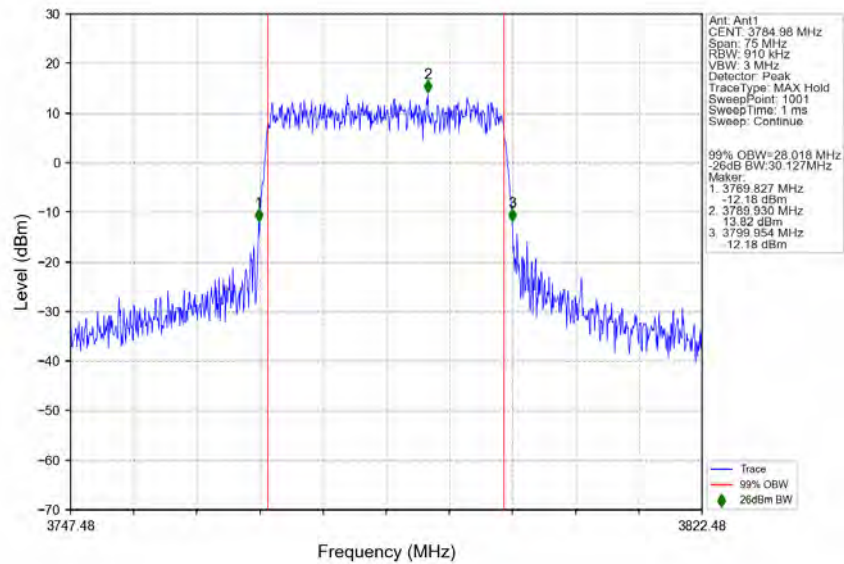
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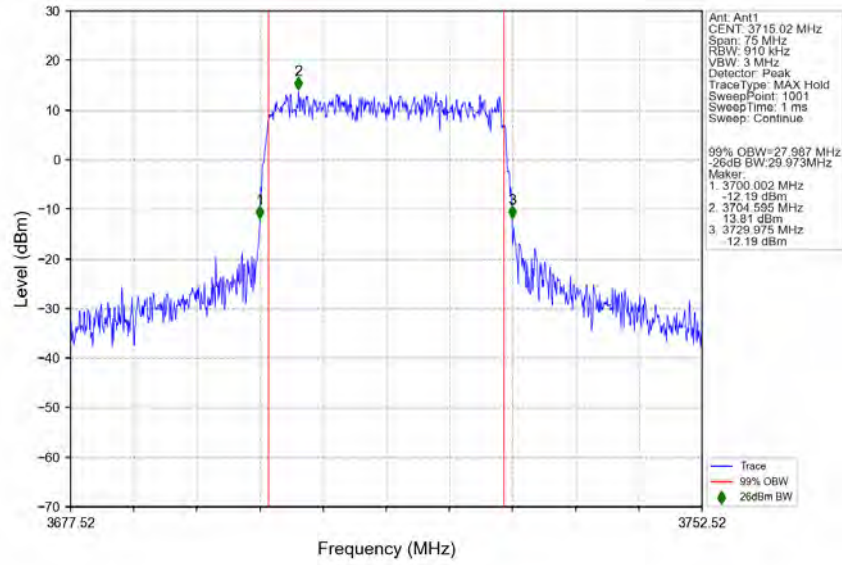
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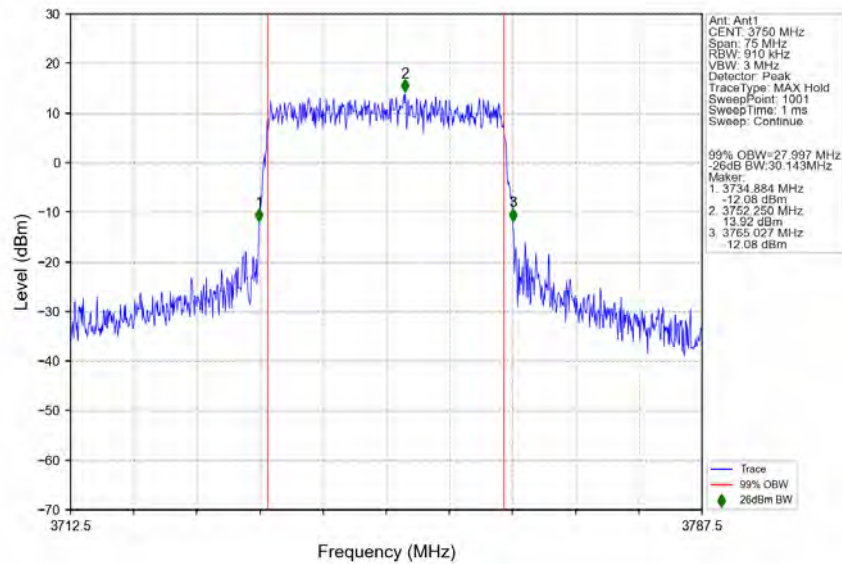
n78a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3784.98MHz Outer Full Ant1



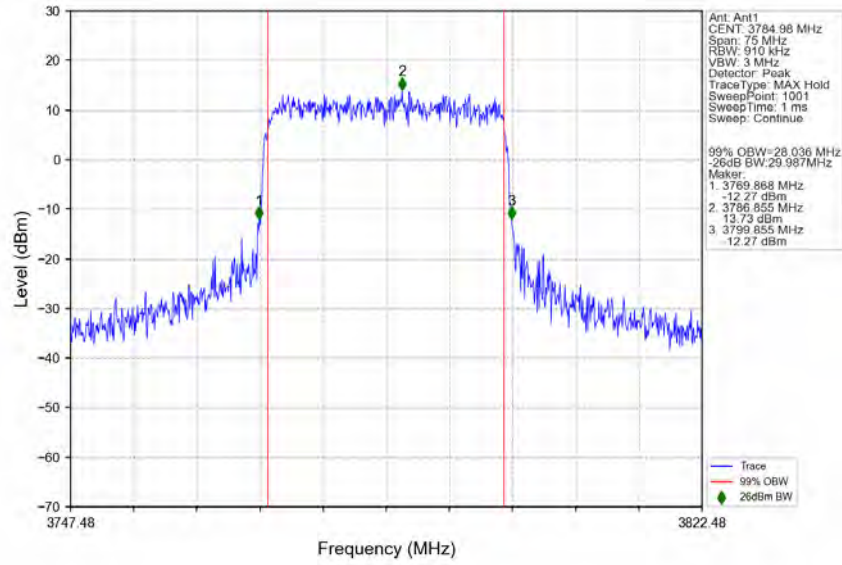
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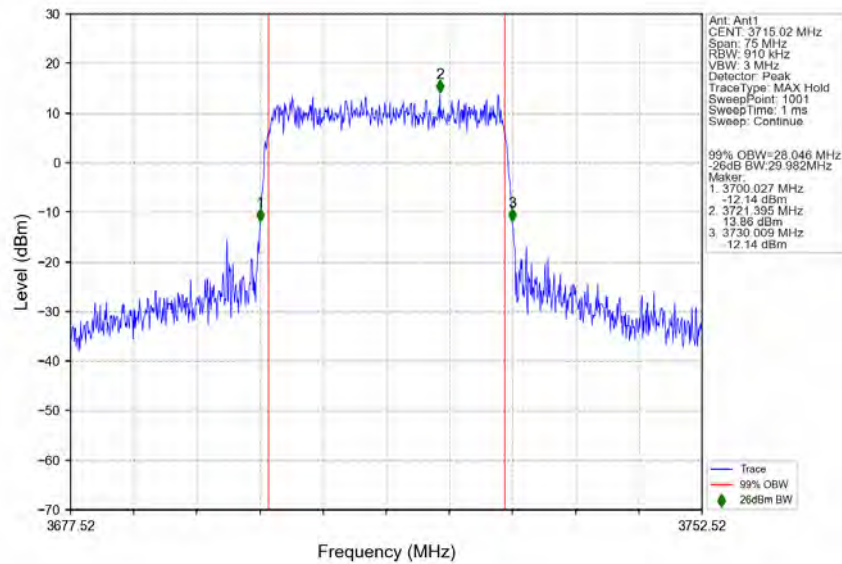
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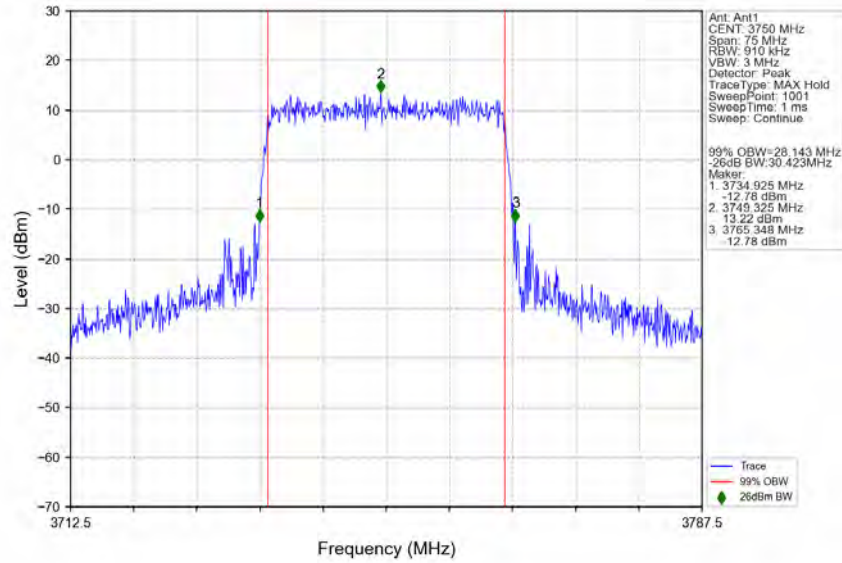
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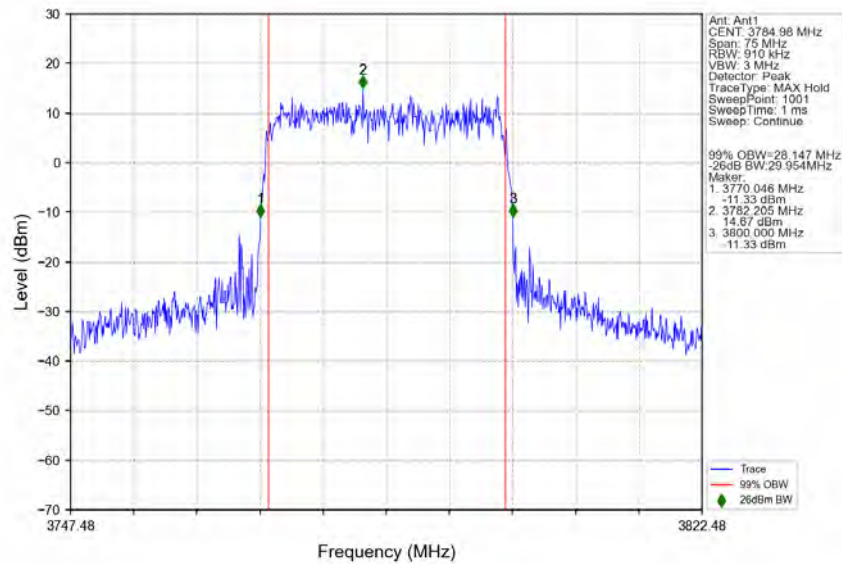
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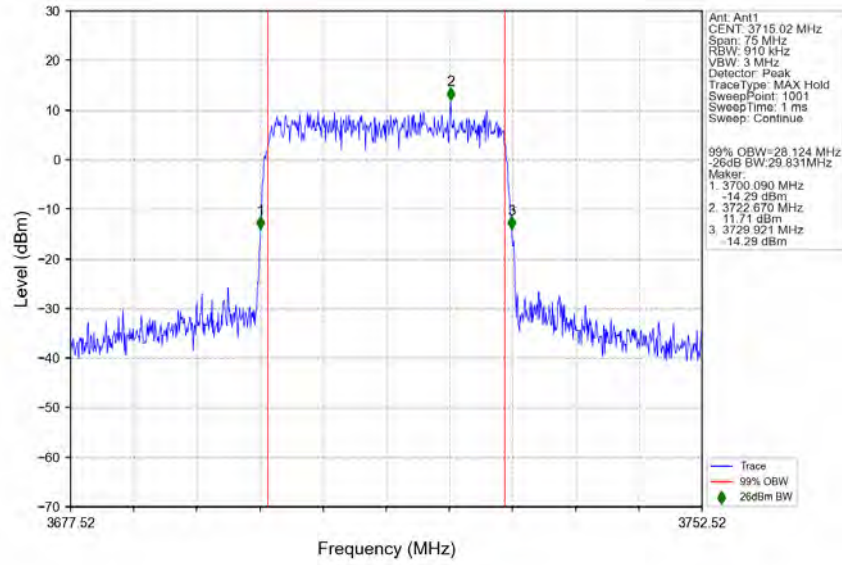
n78a 30kHz SISO NTN 30MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



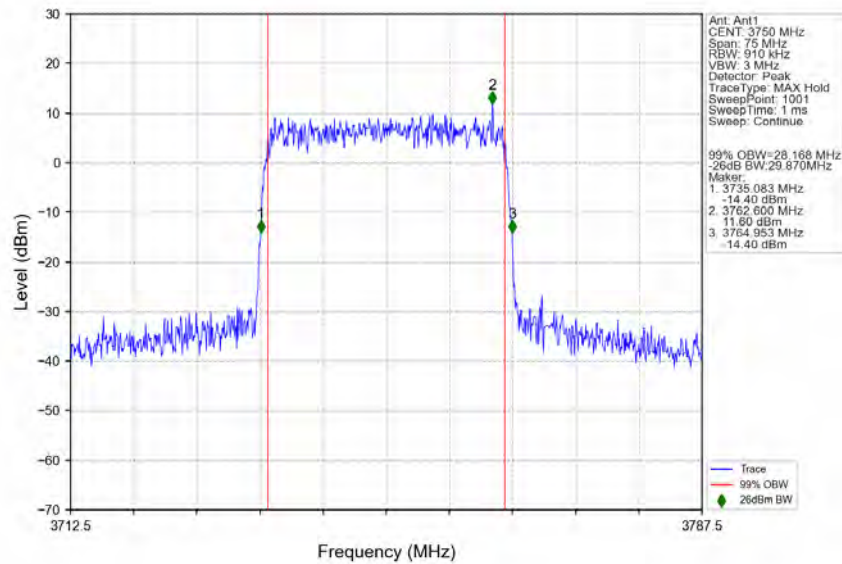
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n78a 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3715.02MHz Outer Full Ant1

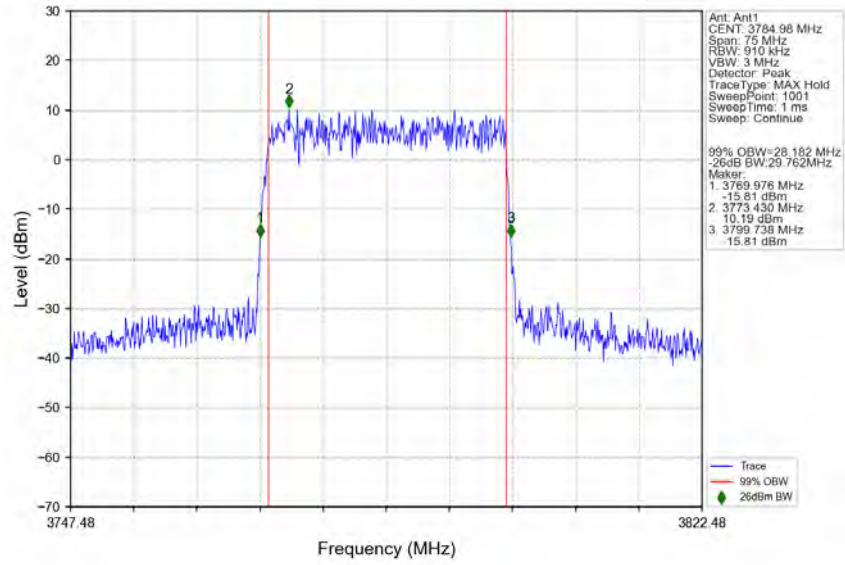


n78a 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1

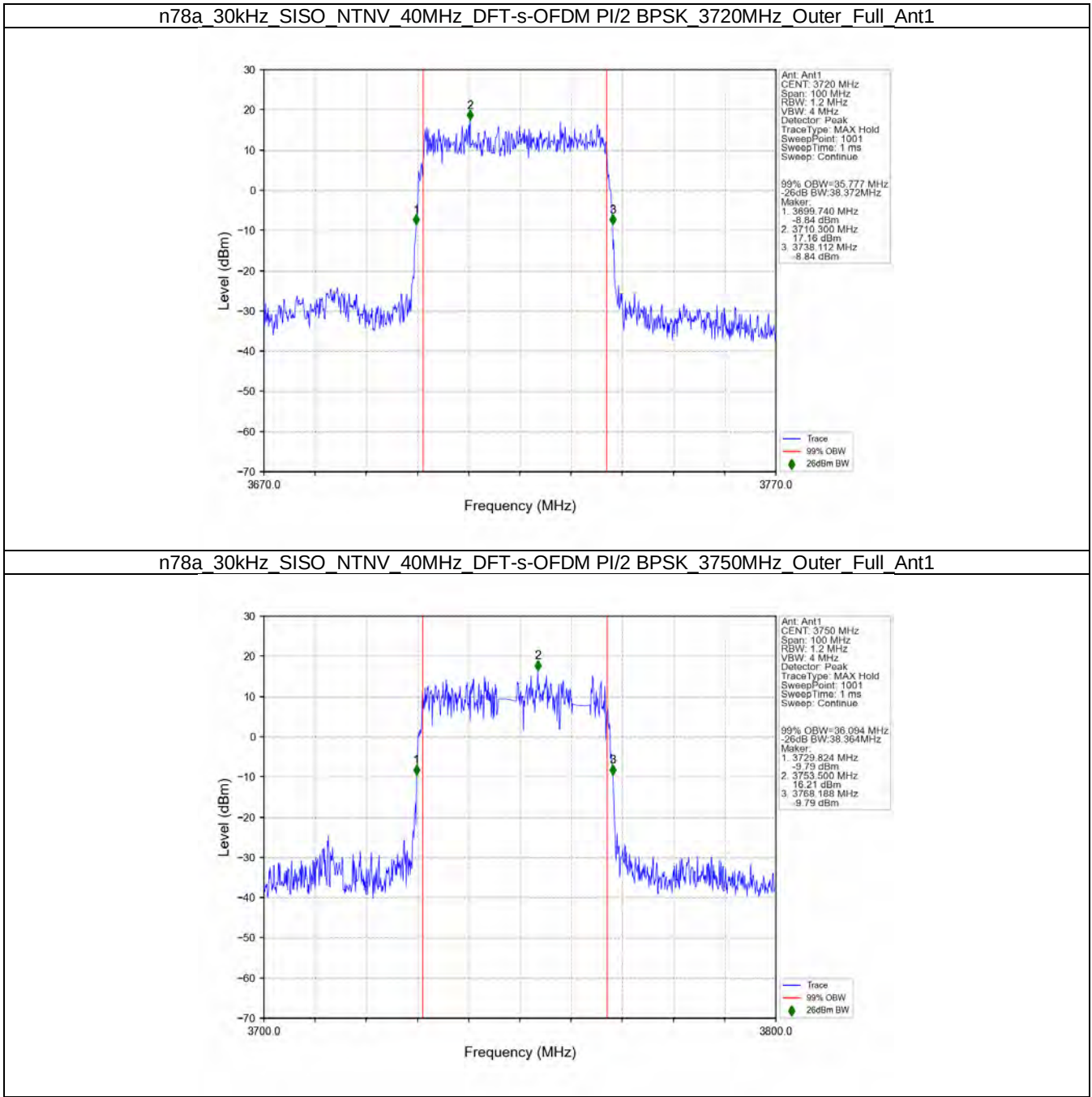




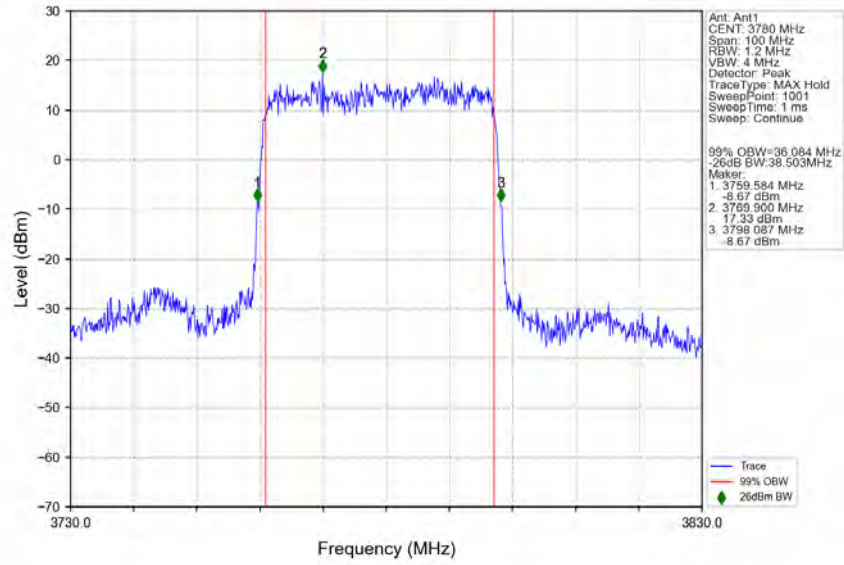
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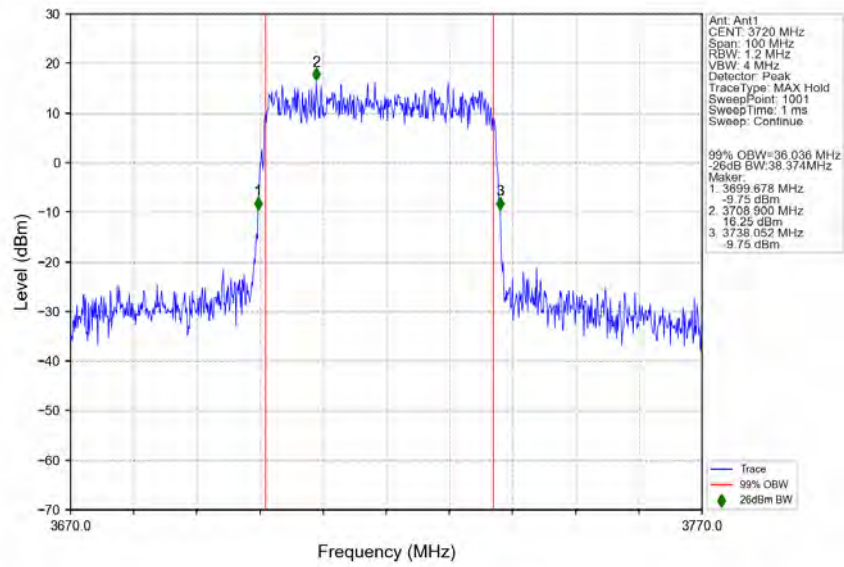
3.2.3 30k\_SISO\_40MHz\_NTNV



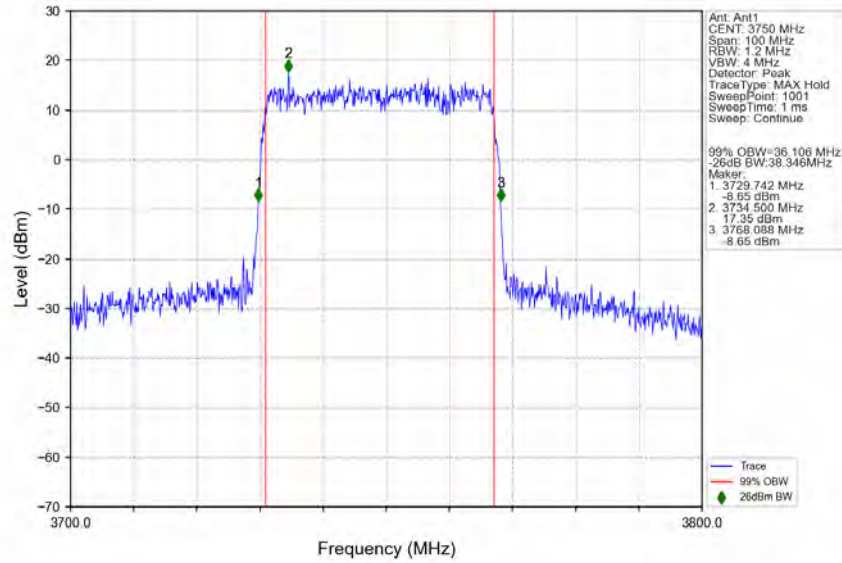
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 3780MHz Outer Full Ant1



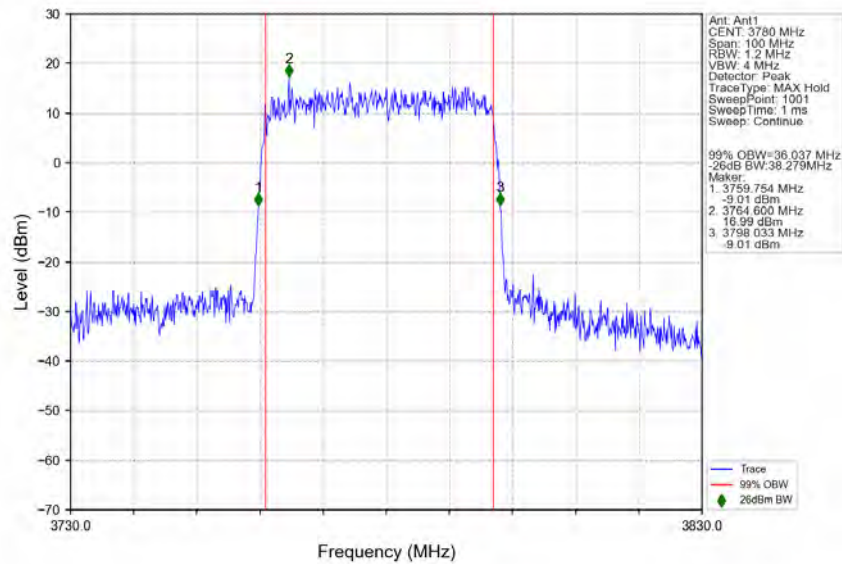
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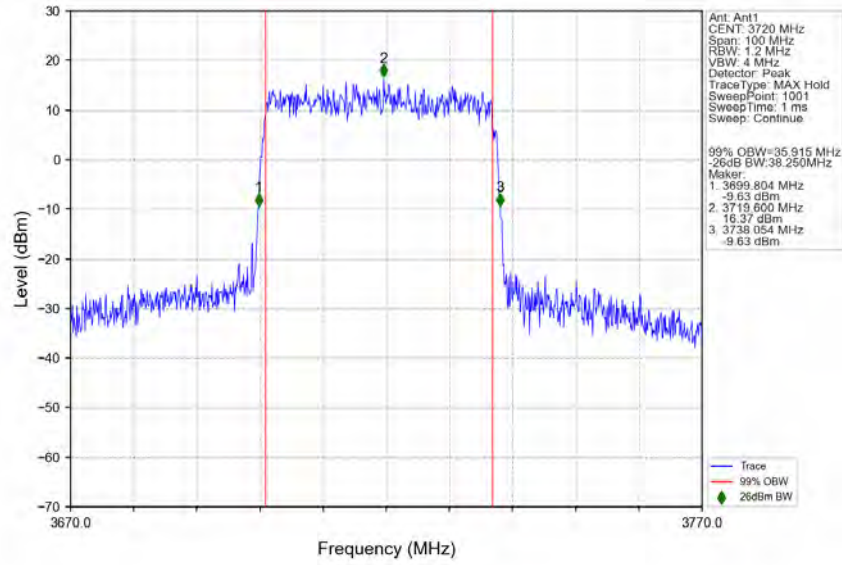
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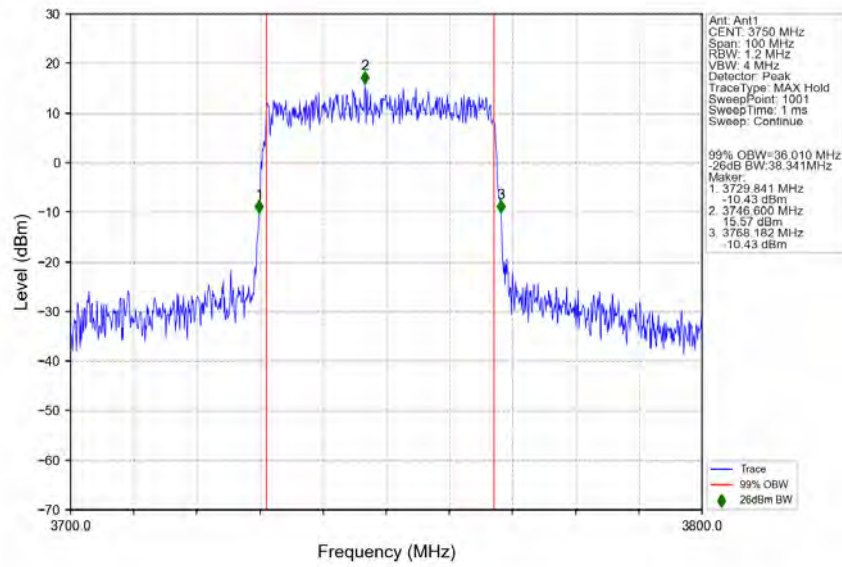
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM QPSK 3780MHz Outer Full Ant1



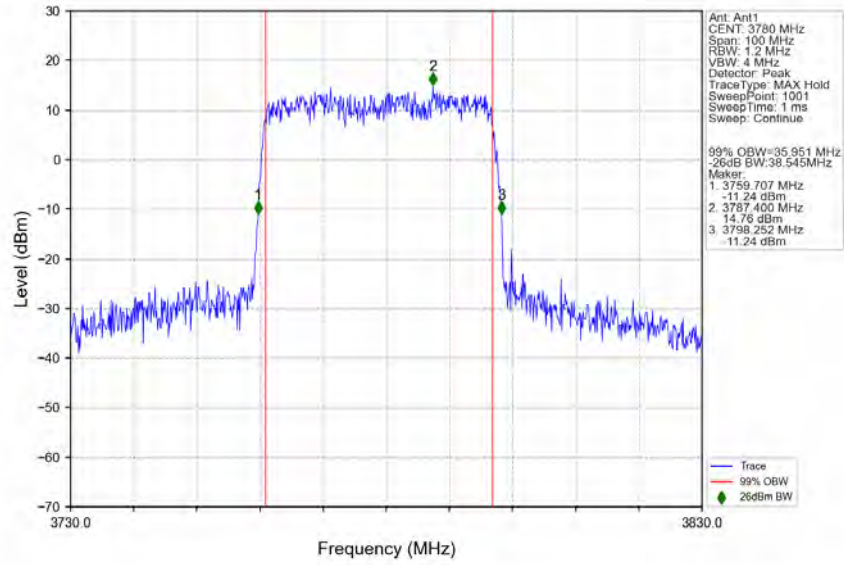
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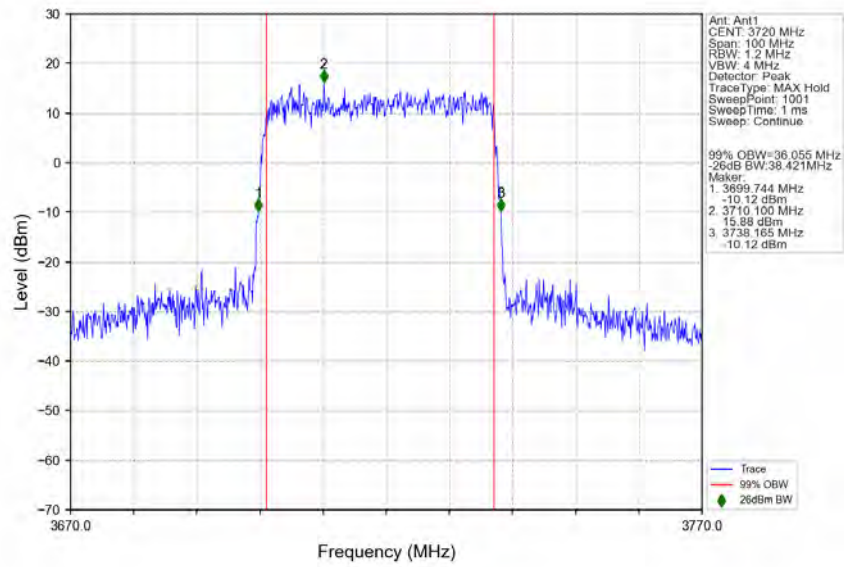
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n78a 30kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 3780MHz Outer Full Ant1

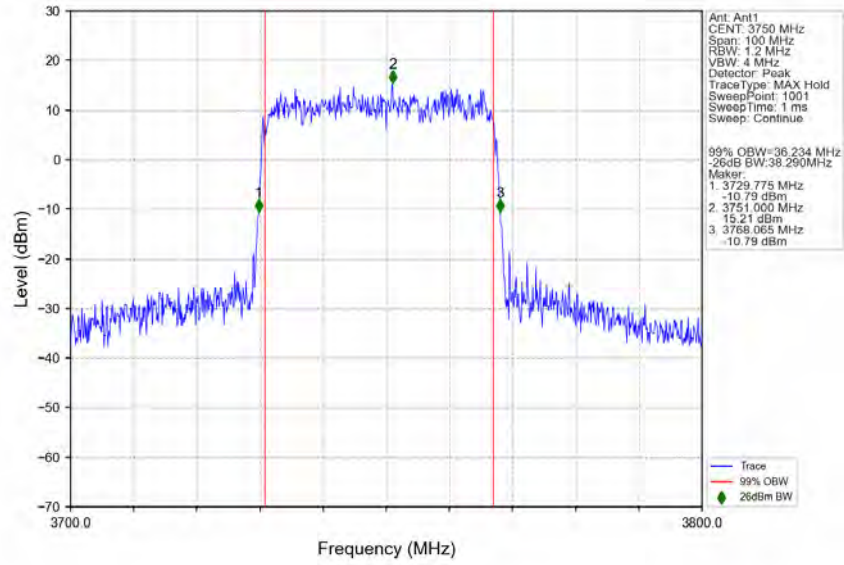


n78a 30kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 3720MHz Outer Full Ant1

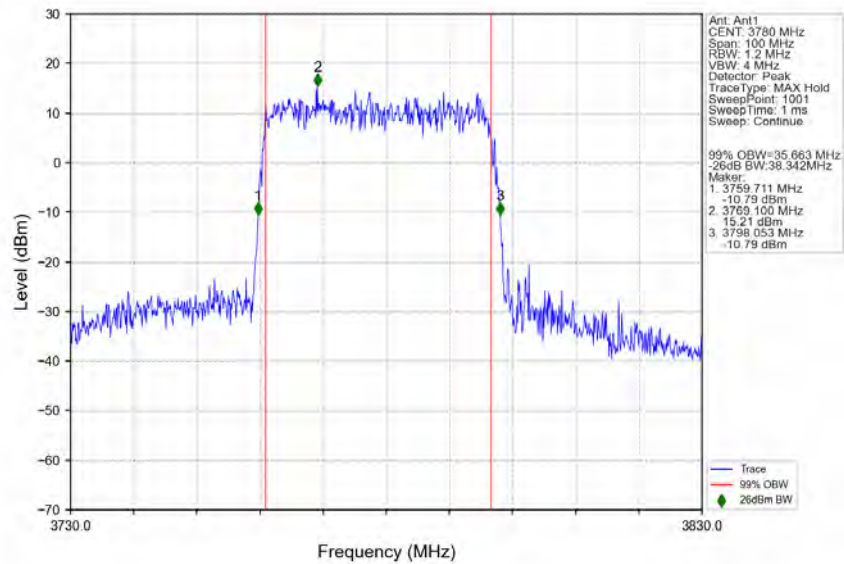




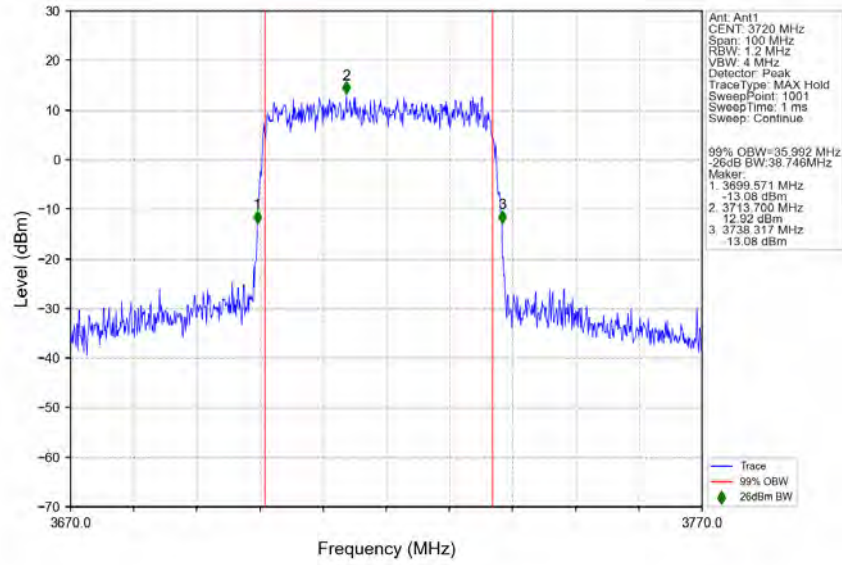
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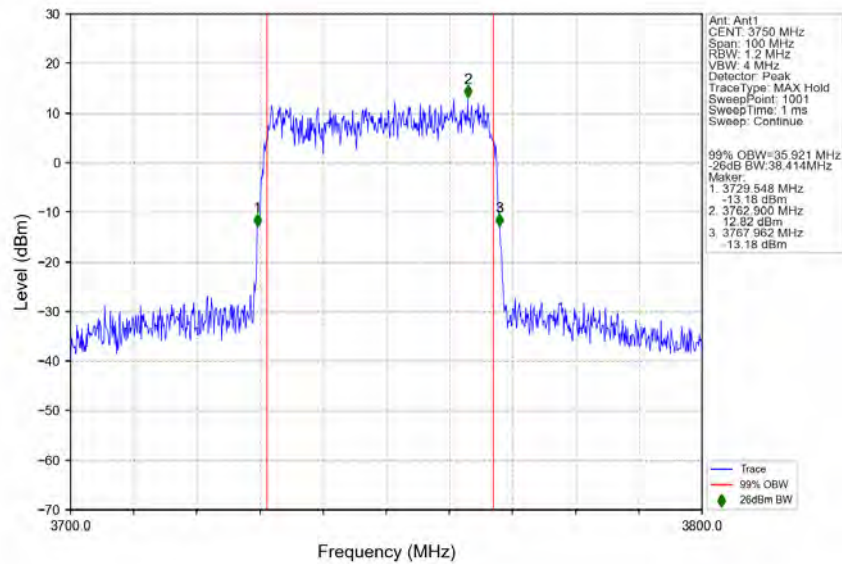
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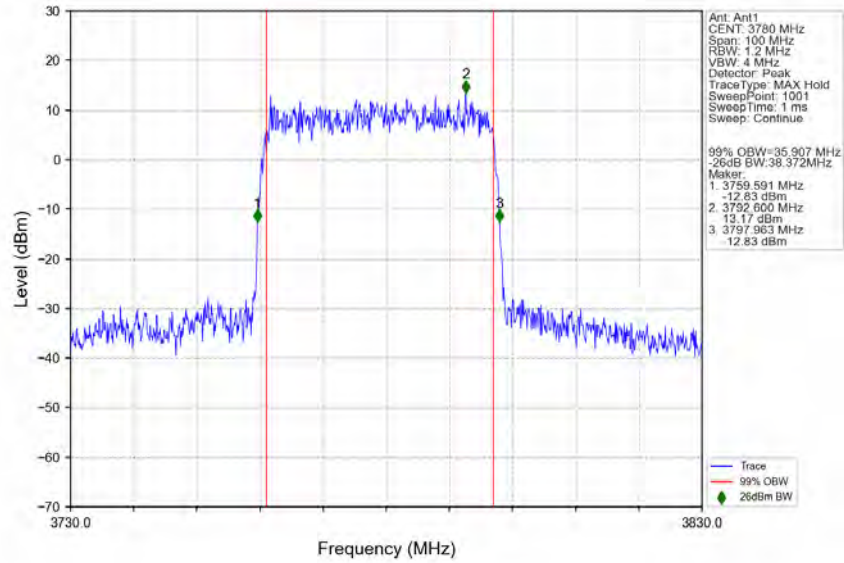
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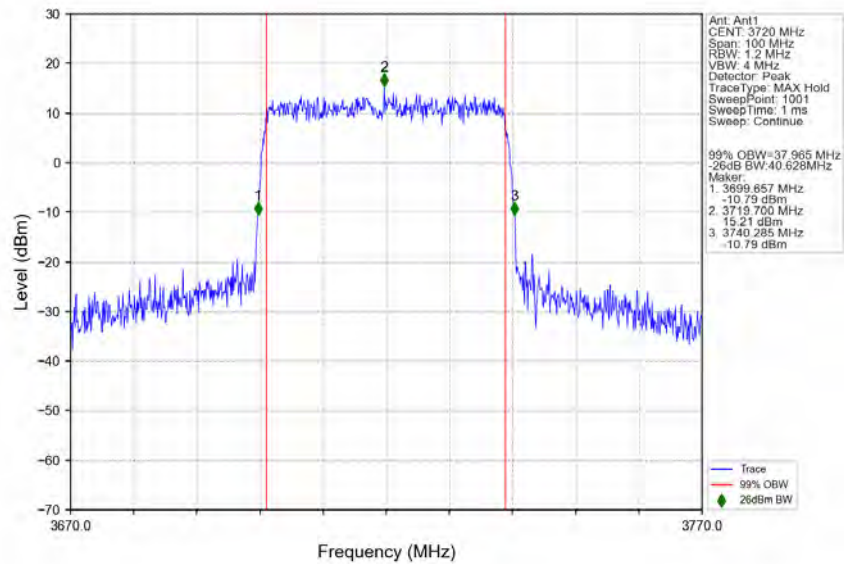
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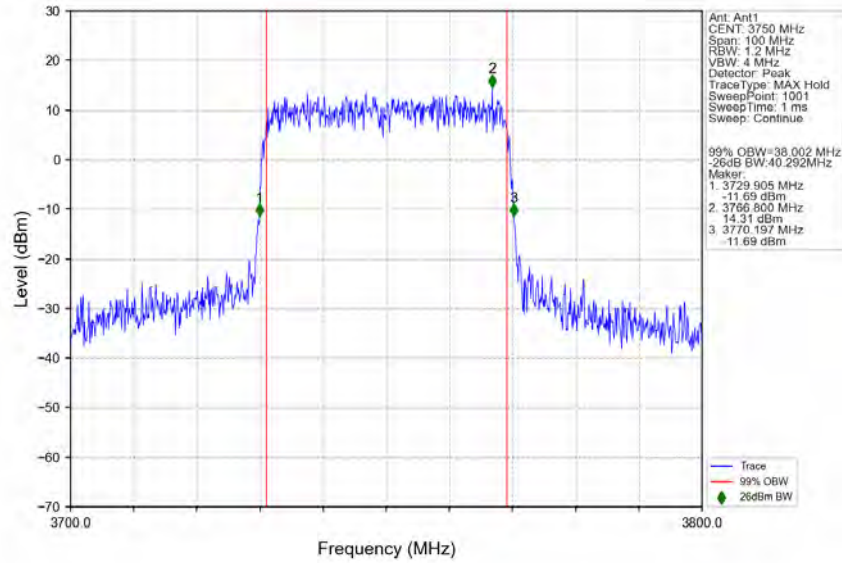
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3780MHz Outer Full Ant1



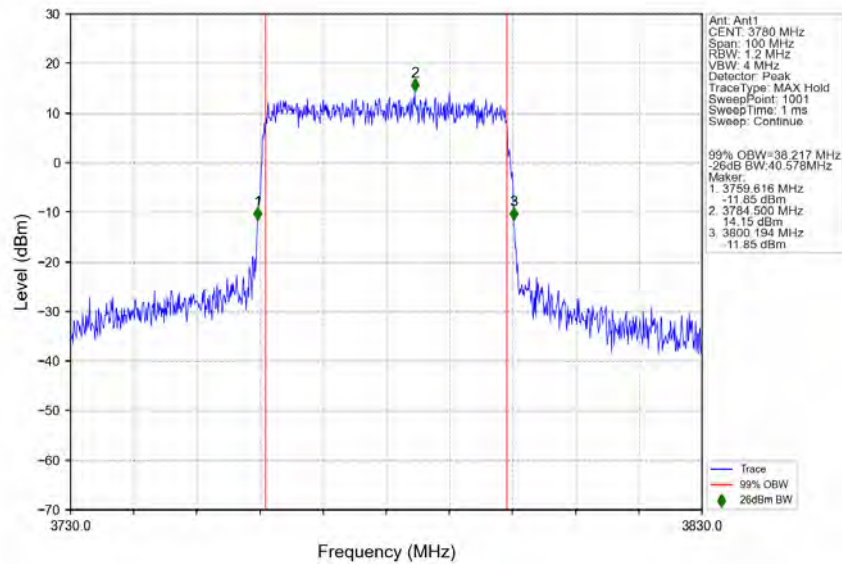
n78a 30kHz SISO NTN 40MHz CP-OFDM QPSK 3720MHz Outer Full Ant1



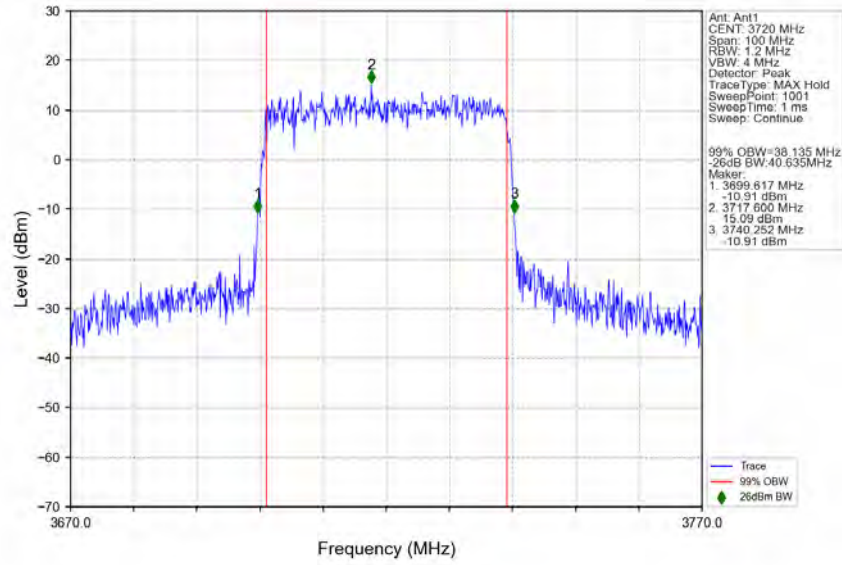
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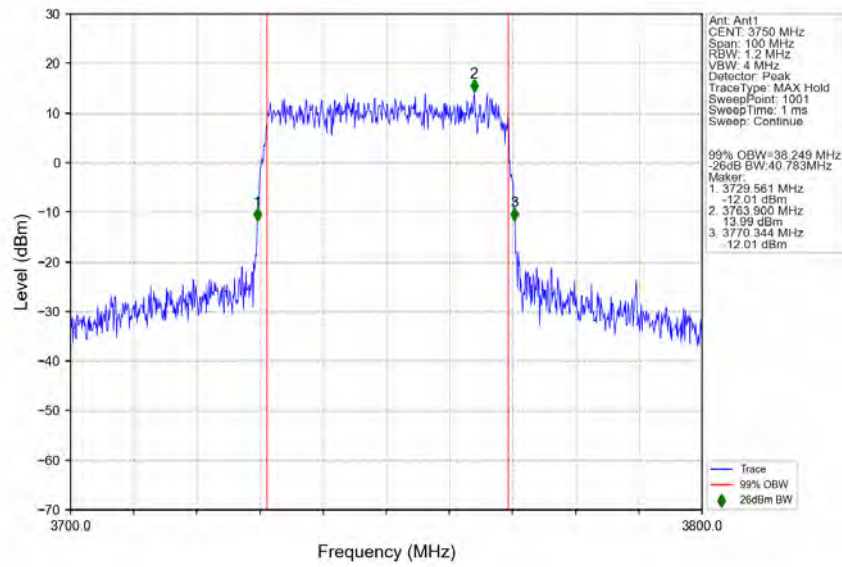
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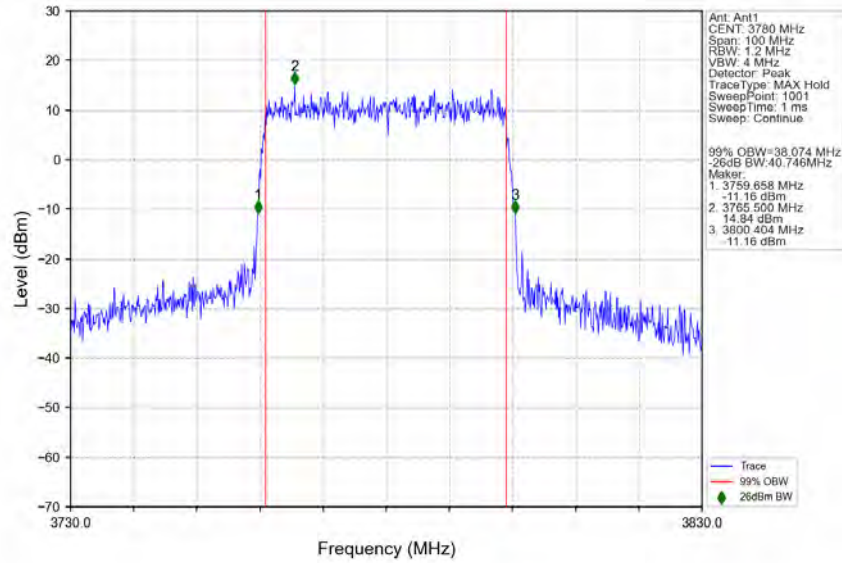
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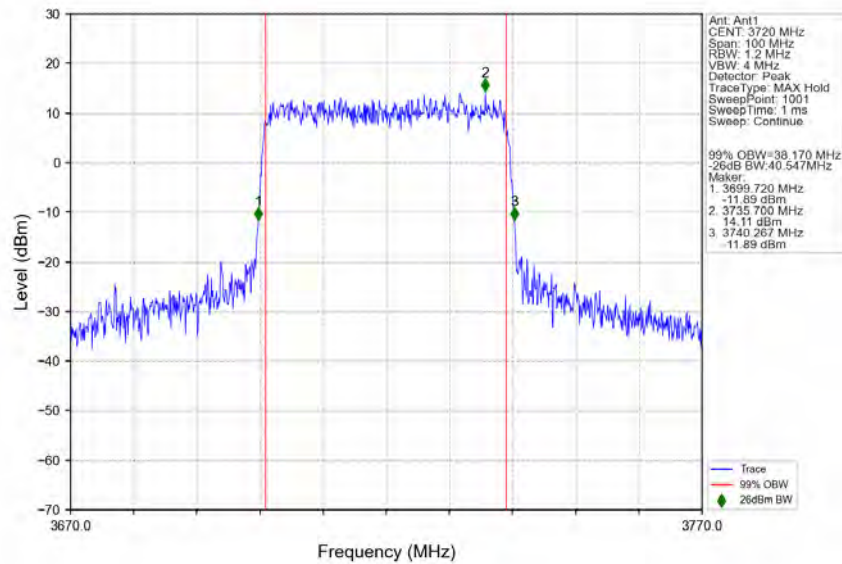
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n78a 30kHz SISO NTN 40MHz CP-OFDM 16 QAM 3780MHz Outer Full Ant1

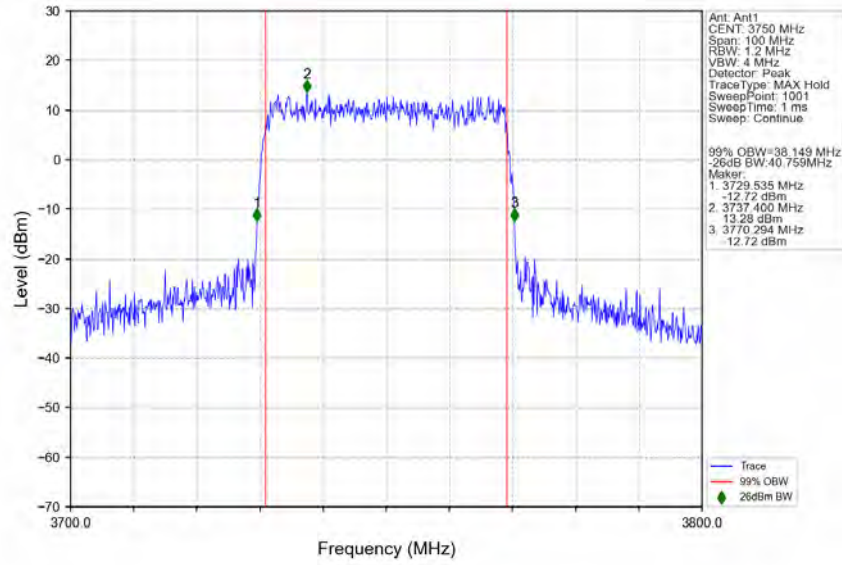


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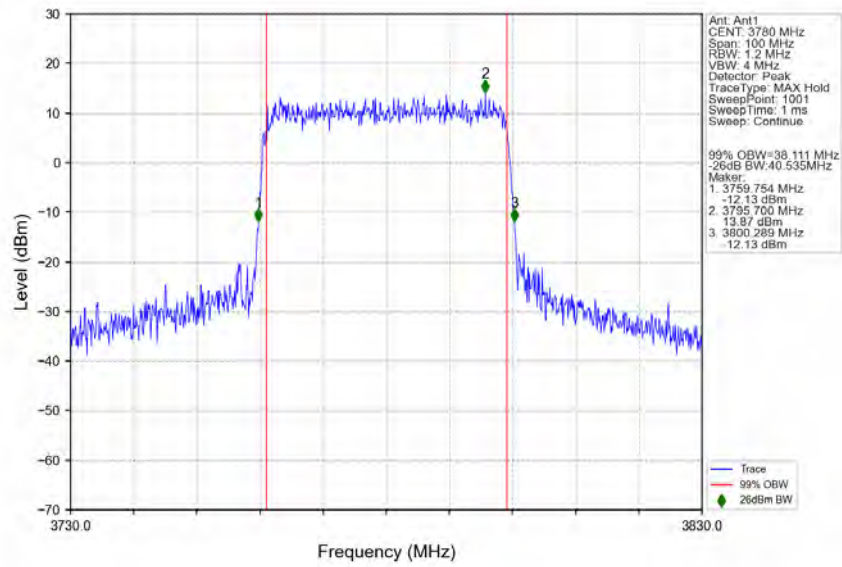




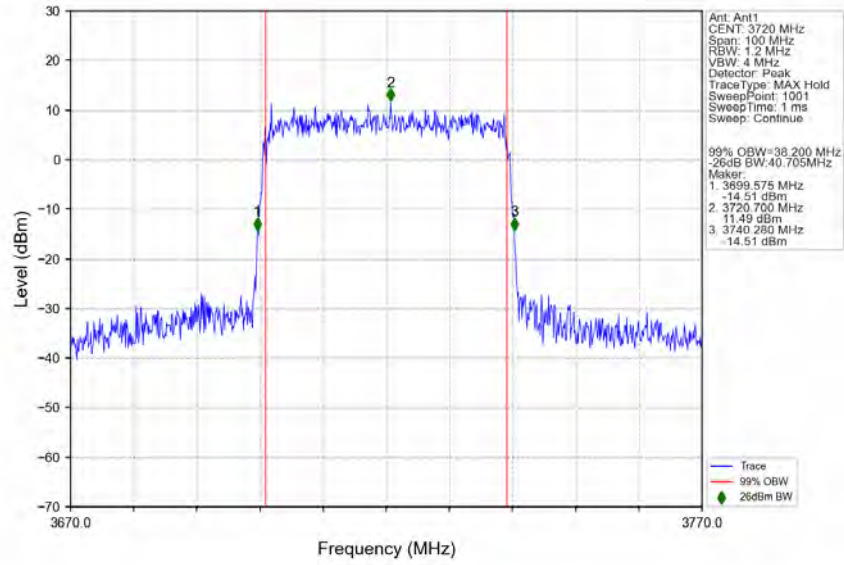
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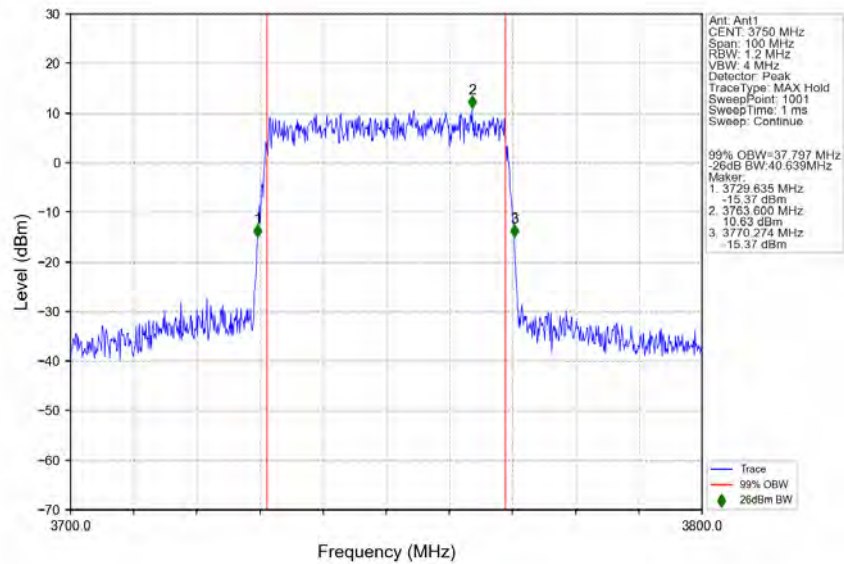
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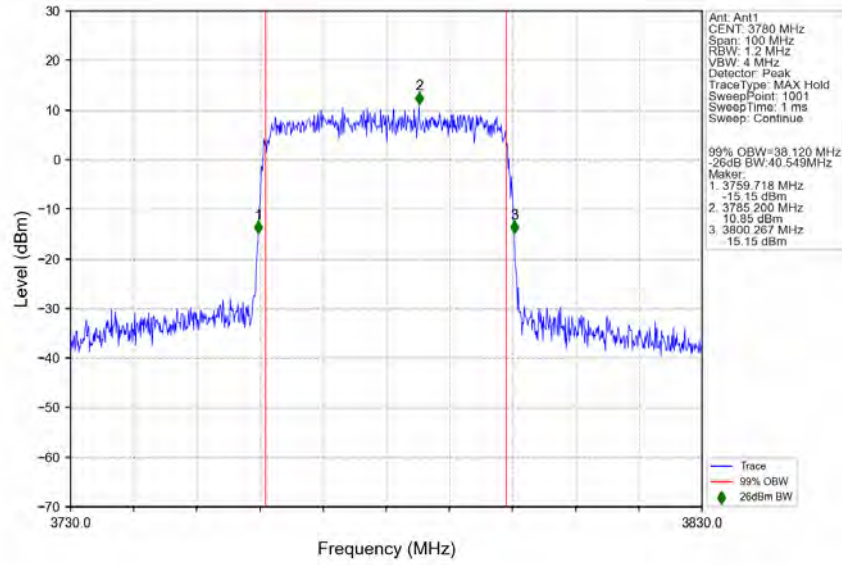
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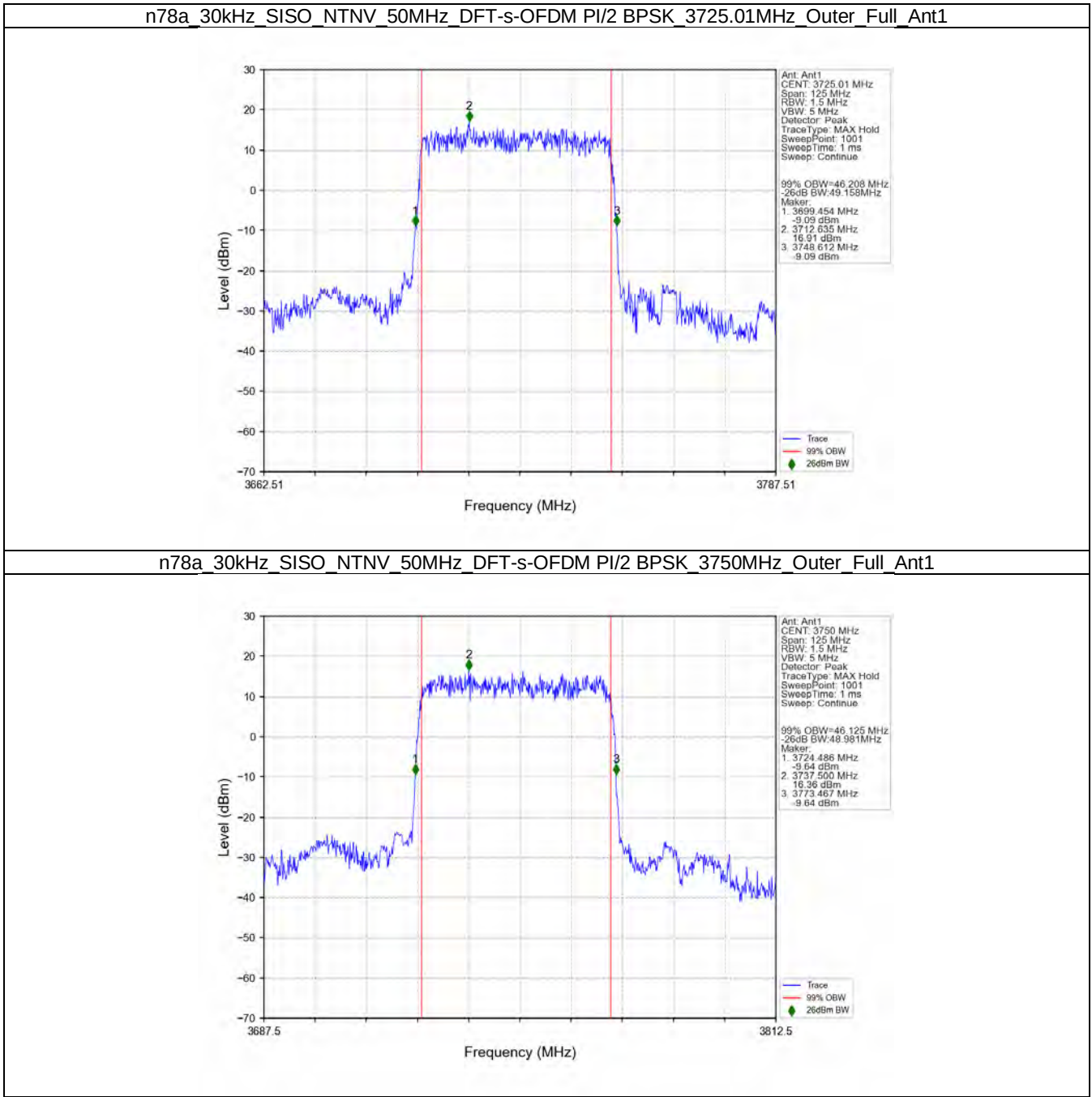
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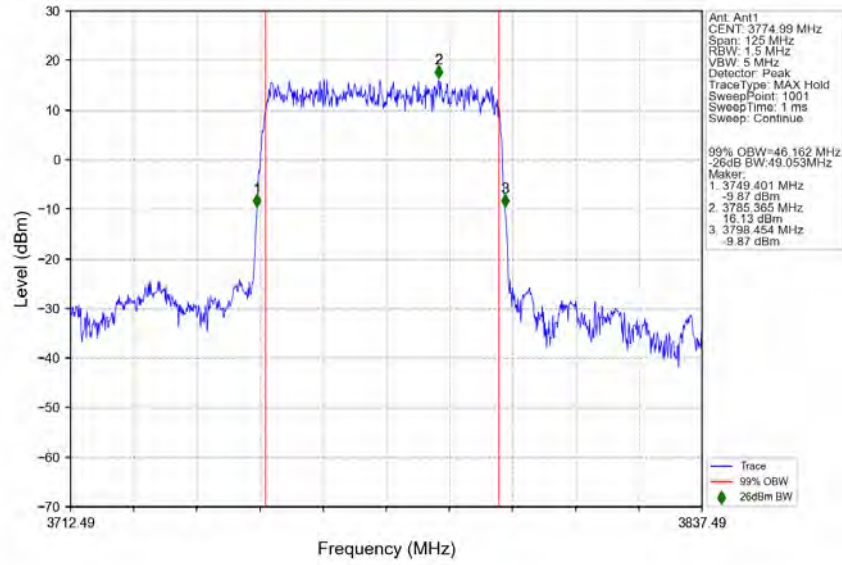
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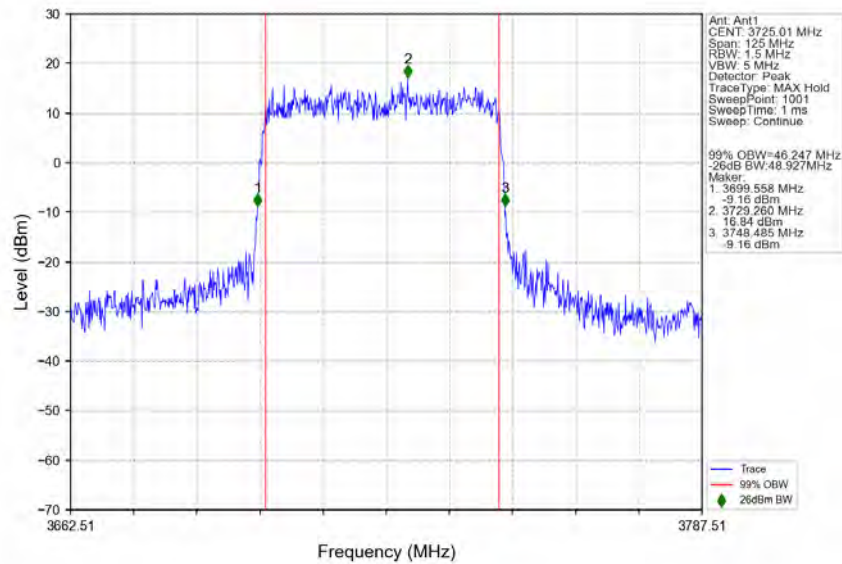
3.2.4 30k\_SISO\_50MHz\_NTNV



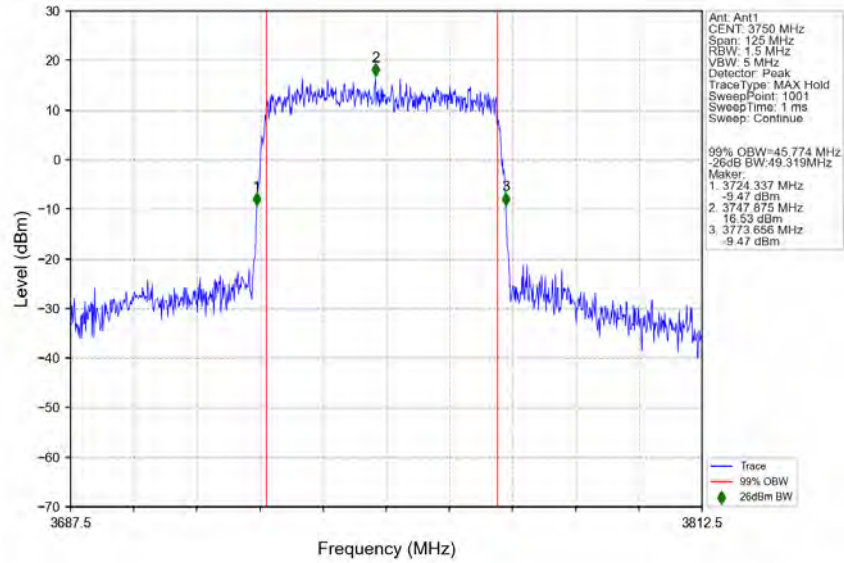
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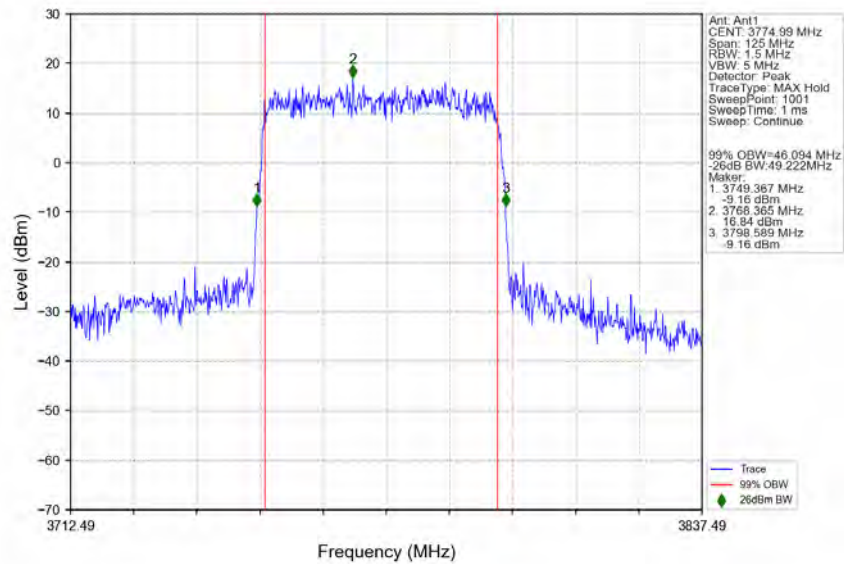
n78a\_30kHz\_SISO\_NTNV\_50MHz\_DFT-s-OFDM\_QPSK\_3725.01MHz\_Outer\_Full\_Ant1



n78a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3750MHz Outer Full Ant1

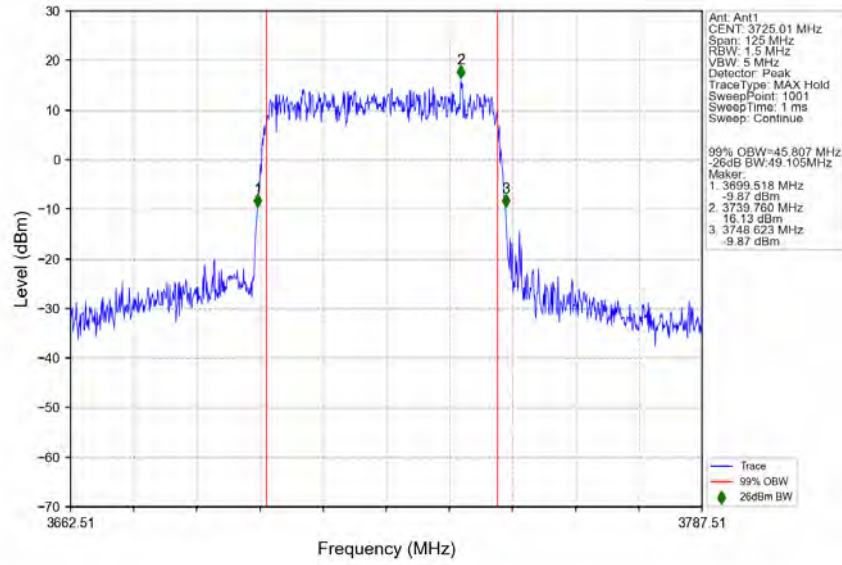


n78a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3774.99MHz Outer Full Ant1

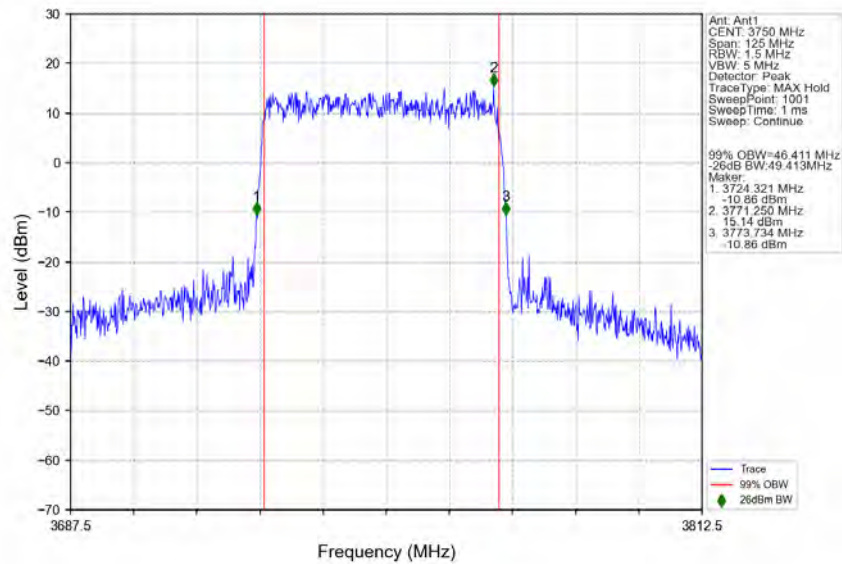




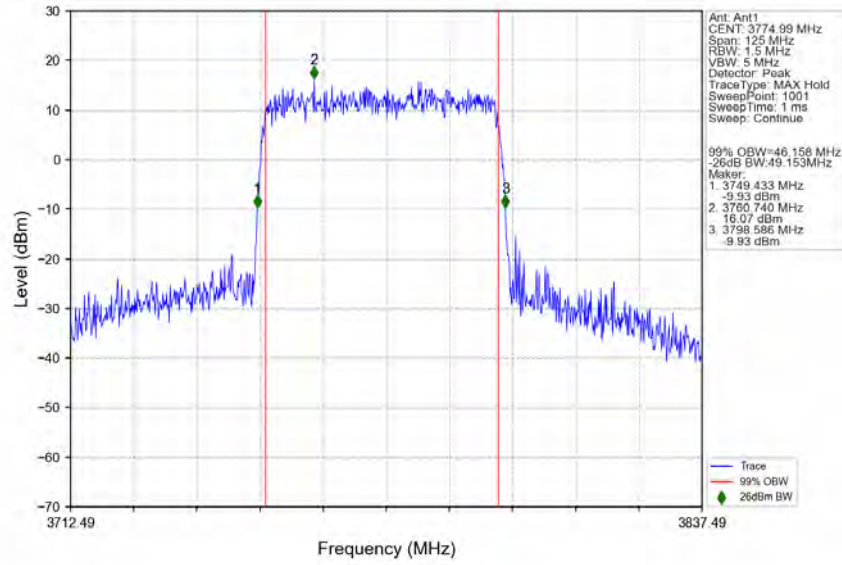
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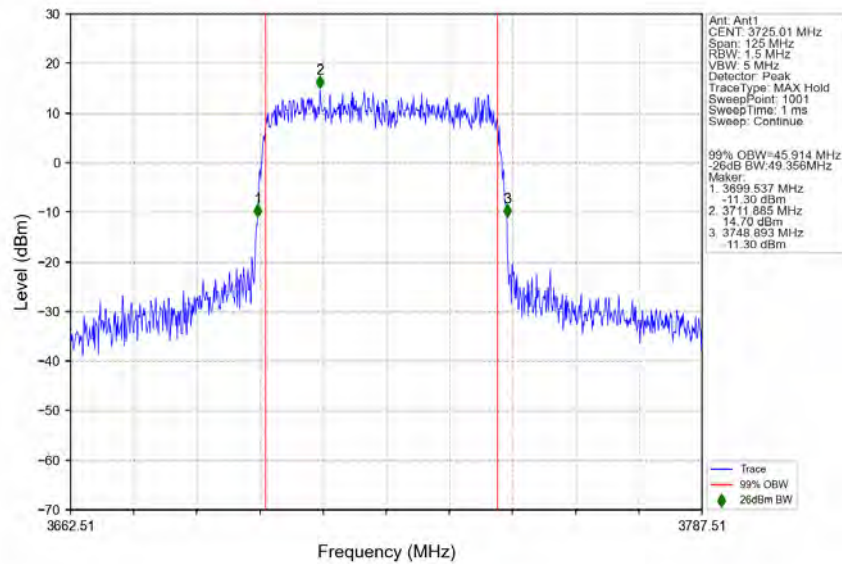
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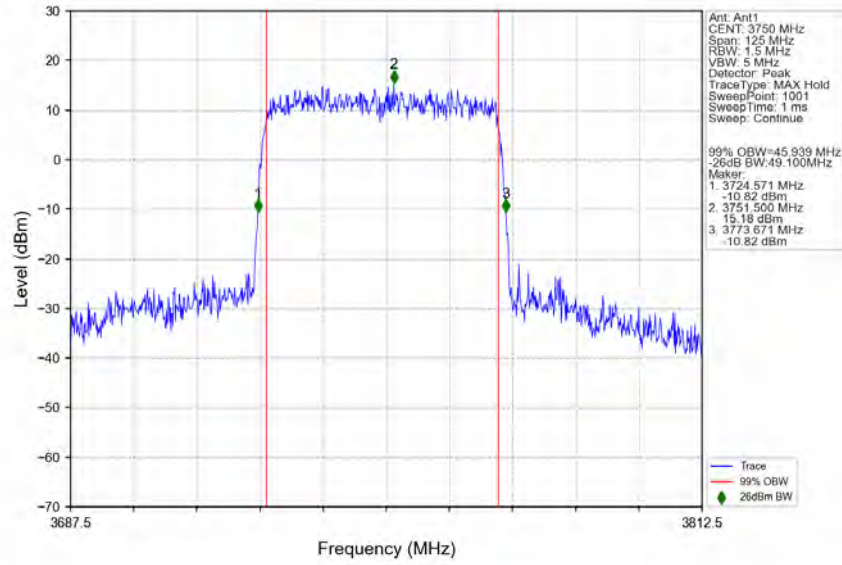
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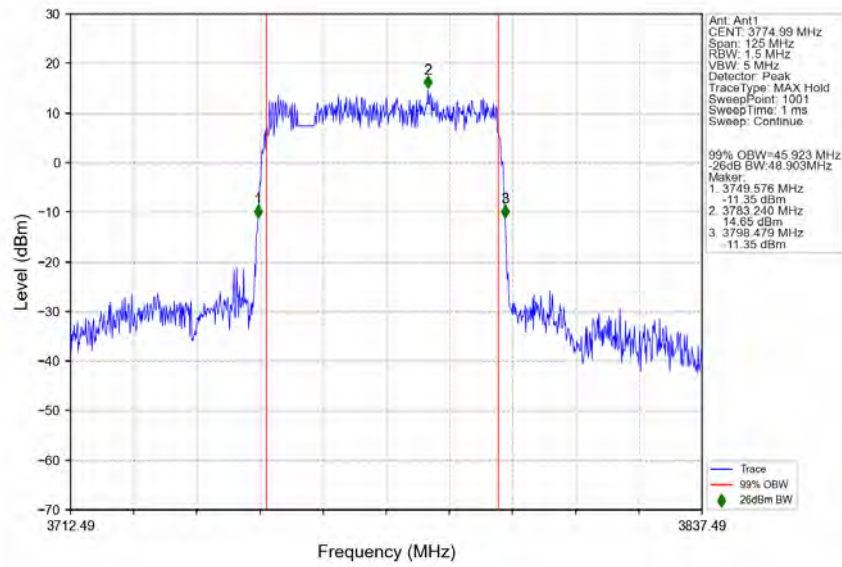
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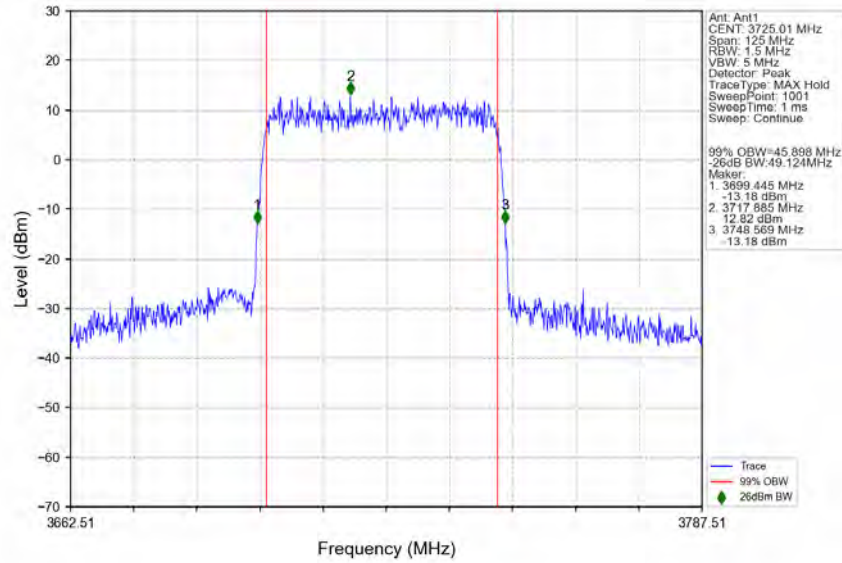
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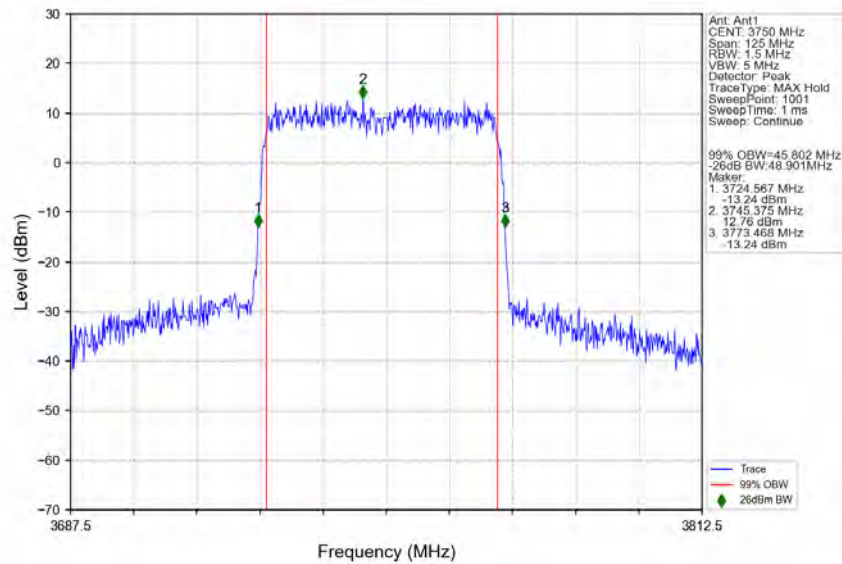
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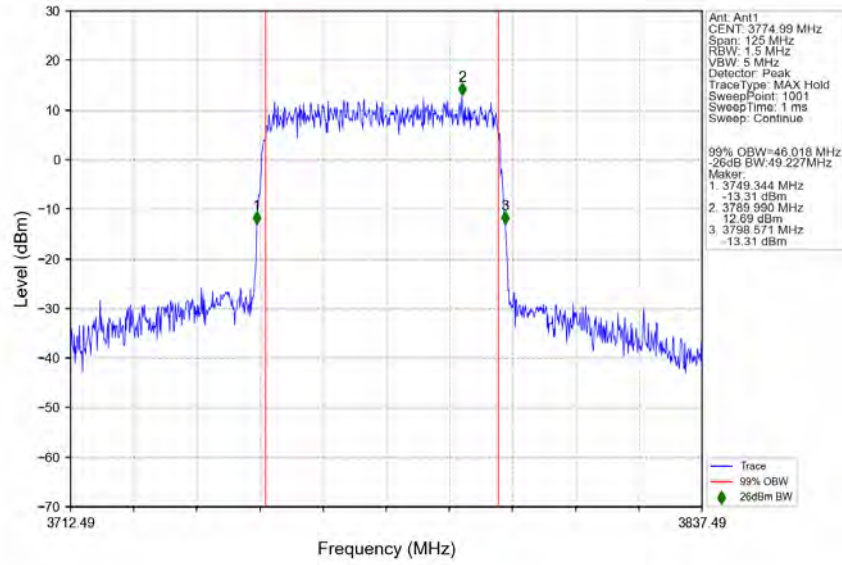
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3725.01MHz Outer Full Ant1



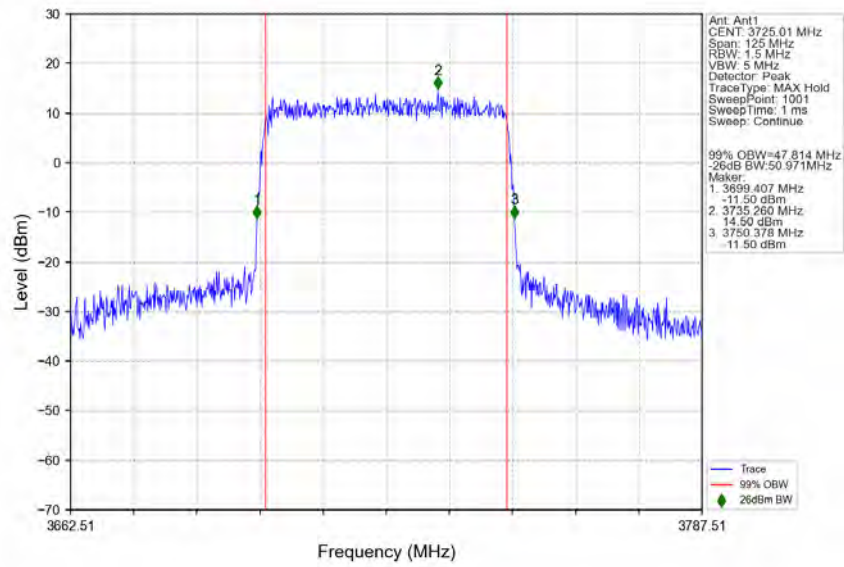
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



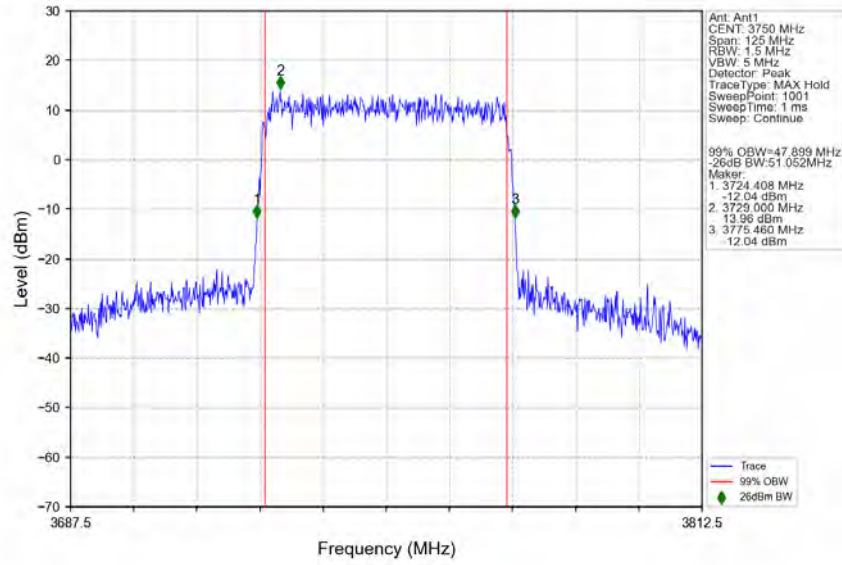
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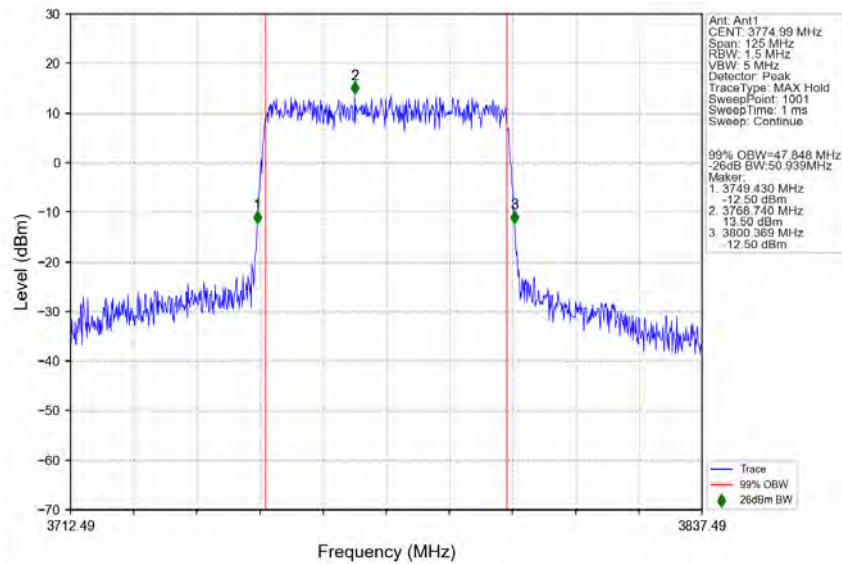
n78a 30kHz SISO NTN 50MHz CP-OFDM QPSK 3725.01MHz Outer Full Ant1



n78a 30kHz SISO NTN 50MHz CP-OFDM QPSK 3750MHz Outer Full Ant1

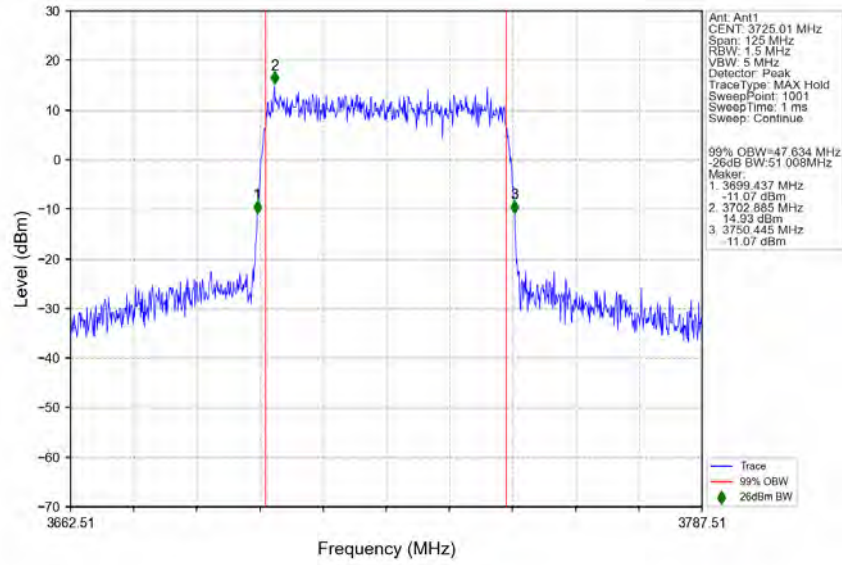


n78a 30kHz SISO NTN 50MHz CP-OFDM QPSK 3774.99MHz Outer Full Ant1

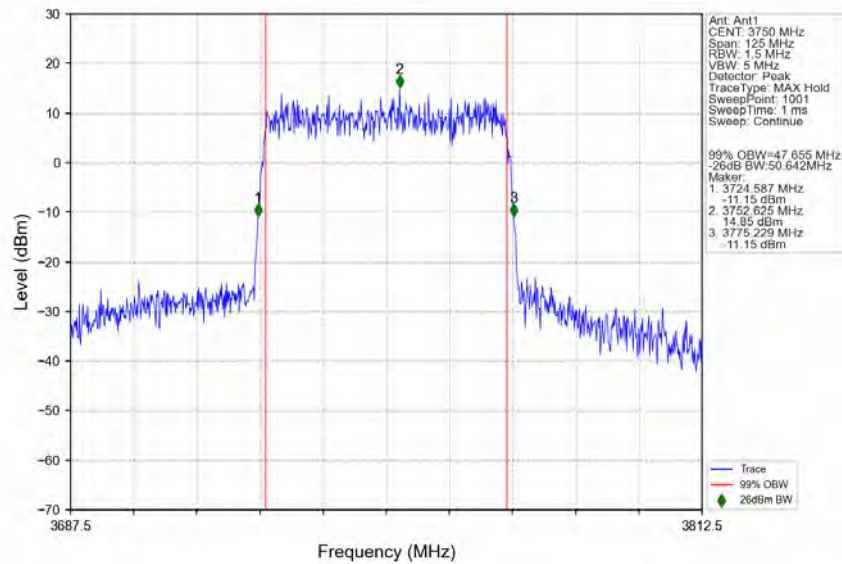




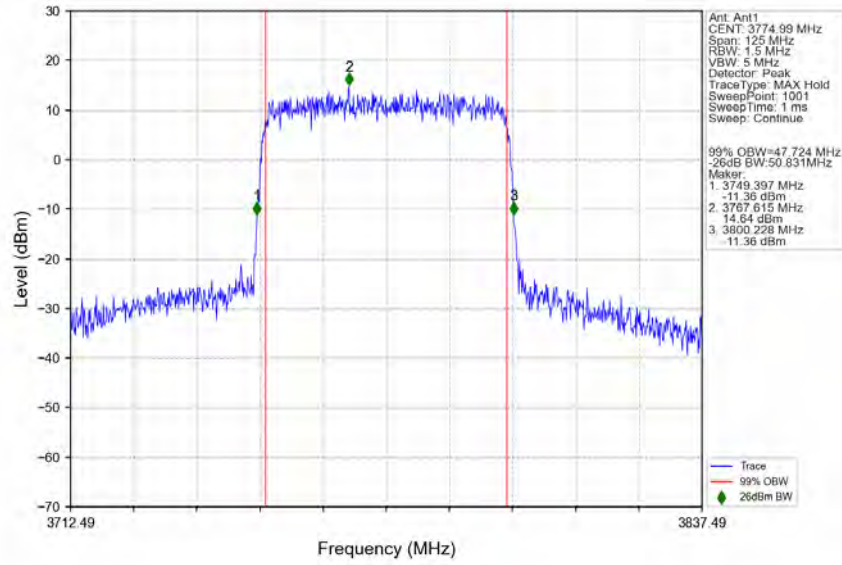
n78a 30kHz SISO NTN 50MHz CP-OFDM 16 QAM 3725.01MHz Outer Full Ant1



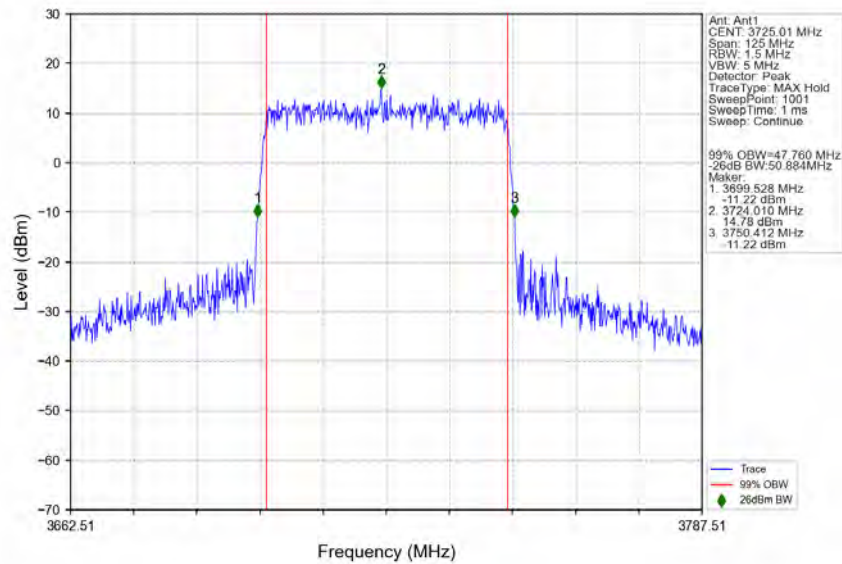
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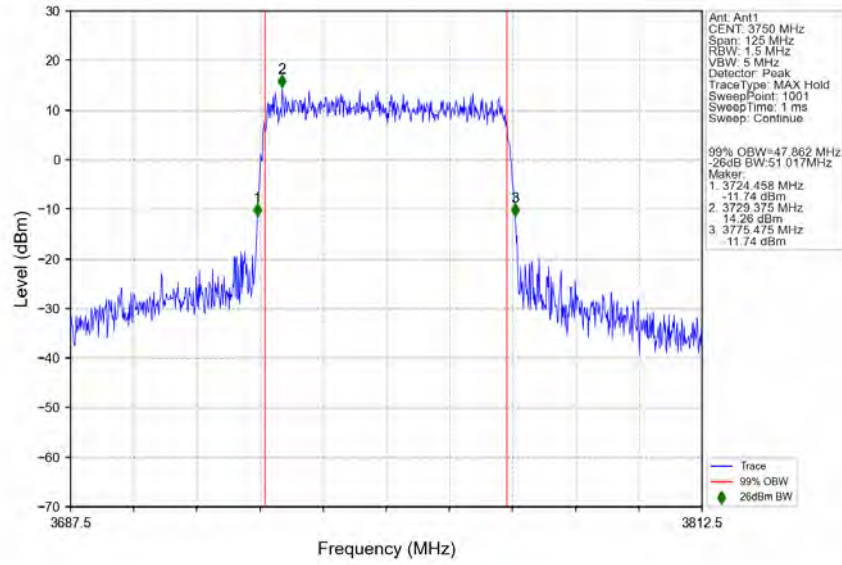
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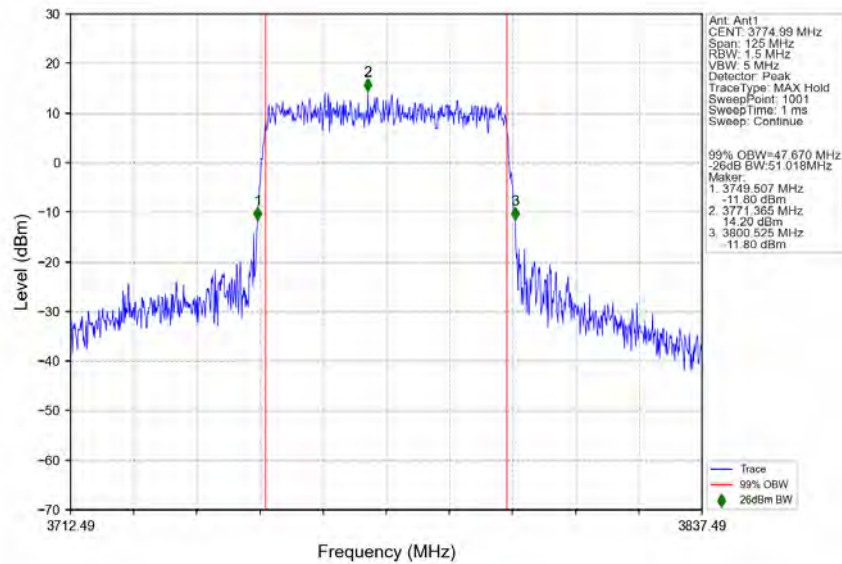
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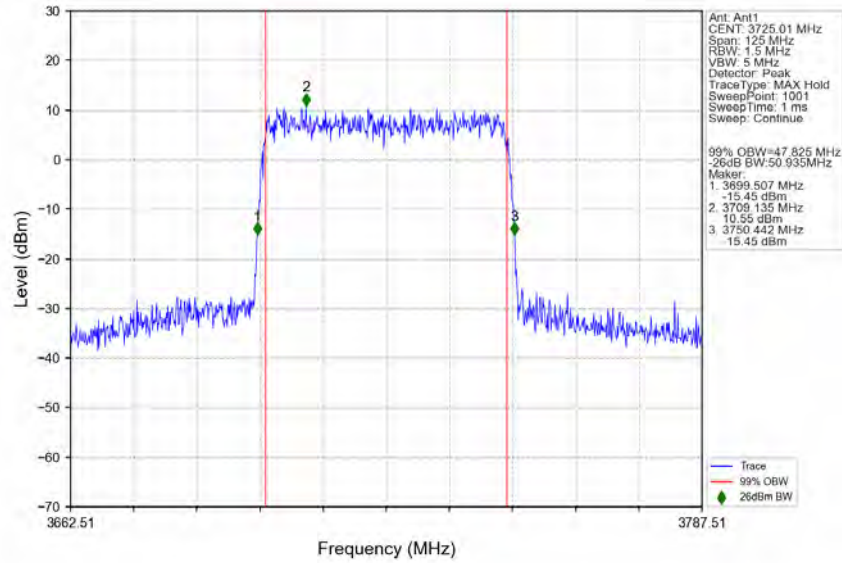
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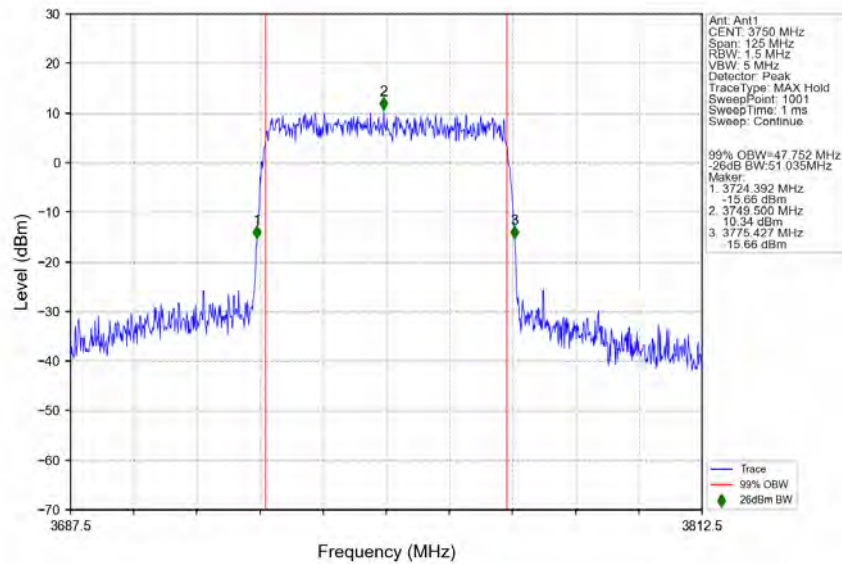
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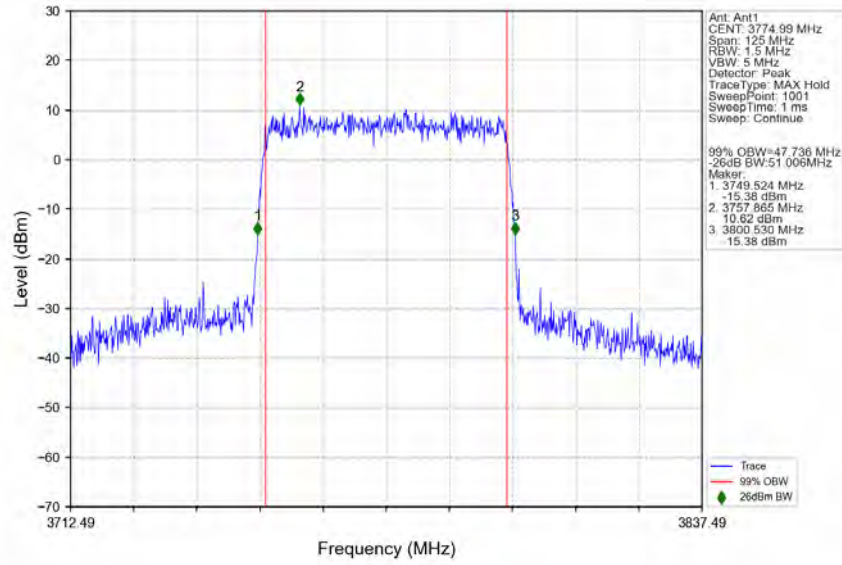
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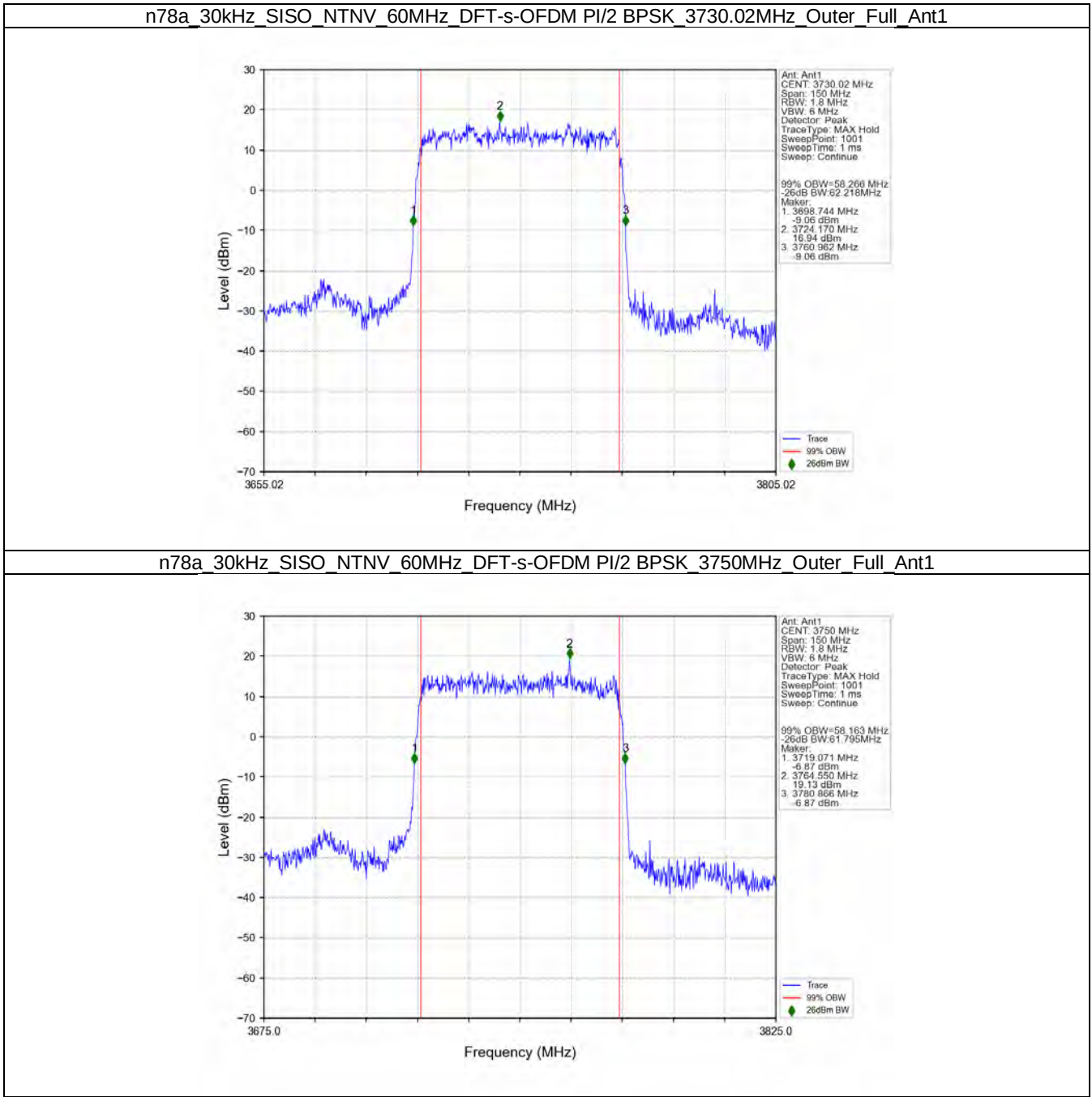
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n78a 30kHz SISO NTN 50MHz CP-OFDM 256 QAM 3774.99MHz Outer Full Ant1

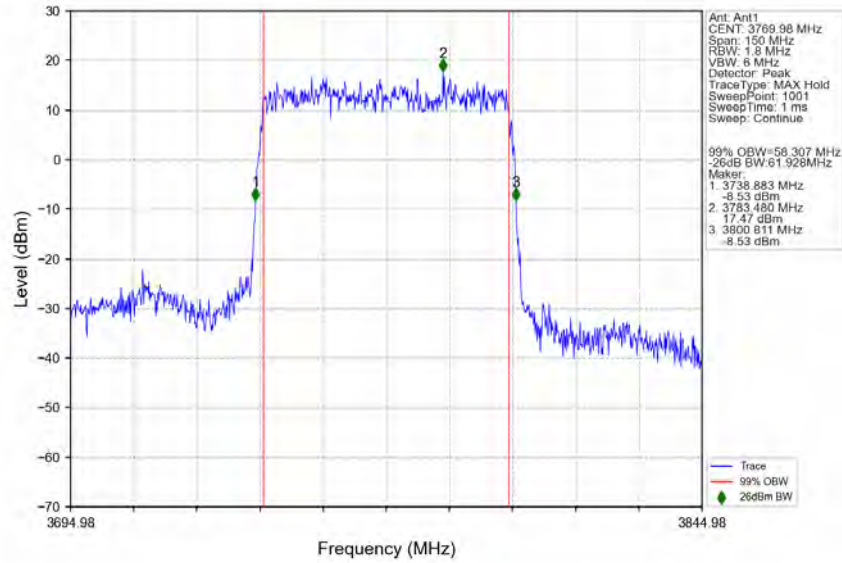


3.2.5 30k\_SISO\_60MHz\_NTNV

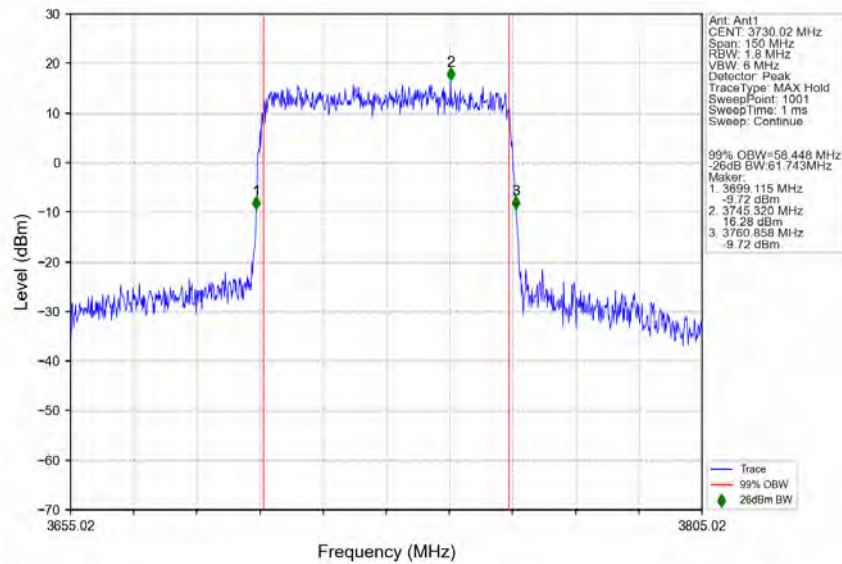




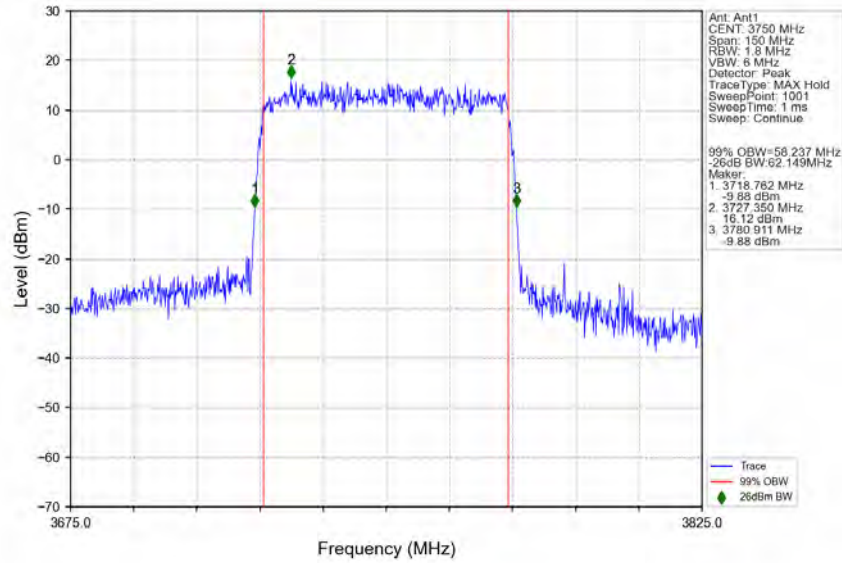
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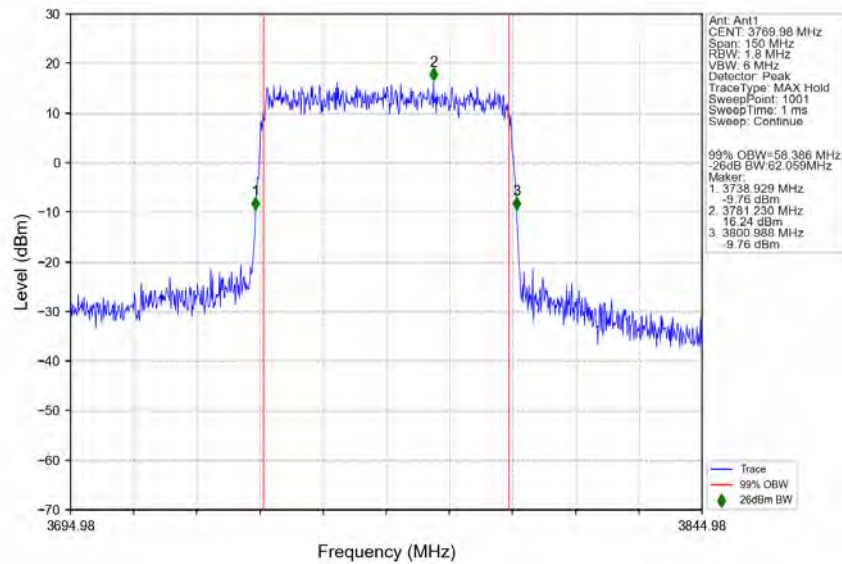
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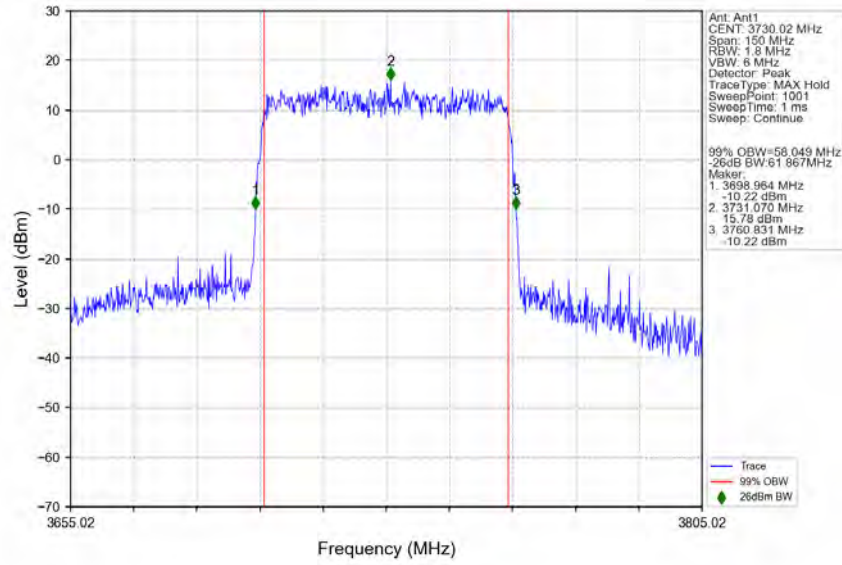
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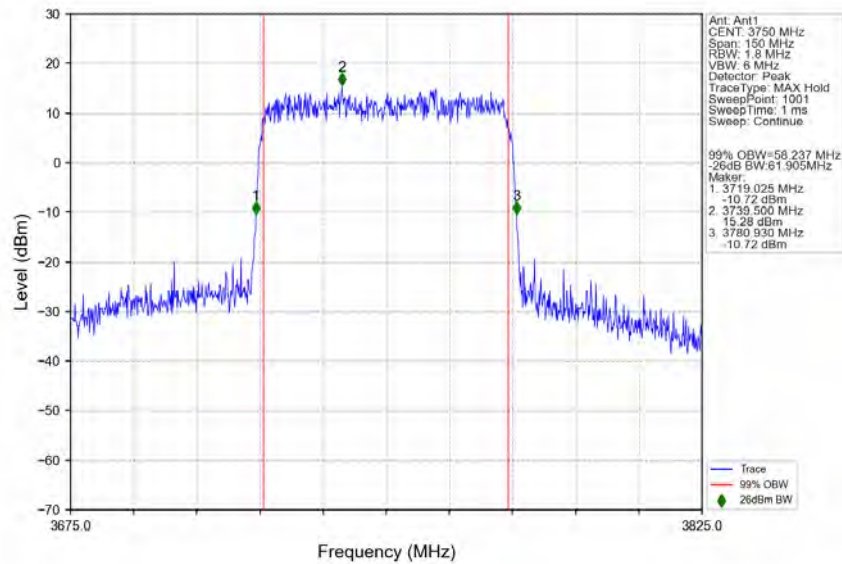
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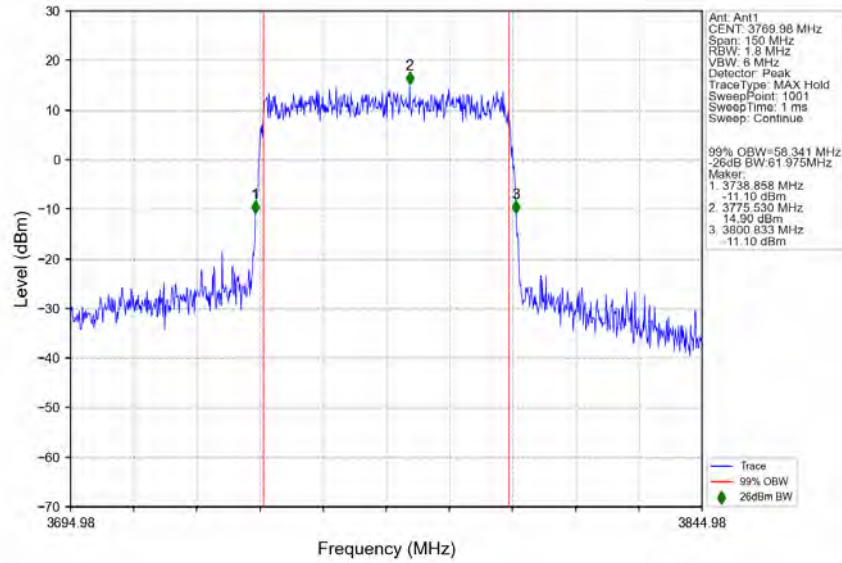
n78a 30kHz SISO NTN 60MHz DFT-s-OFDM 16 QAM 3730.02MHz Outer Full Ant1



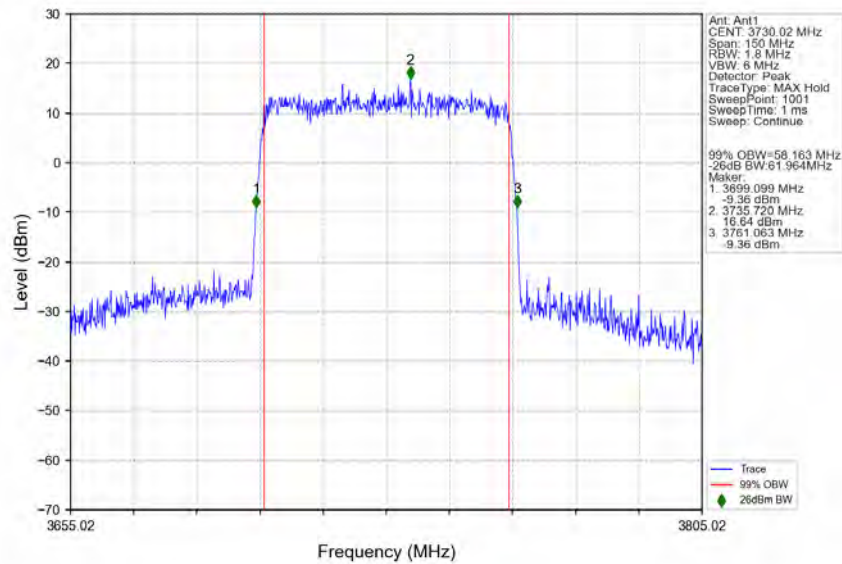
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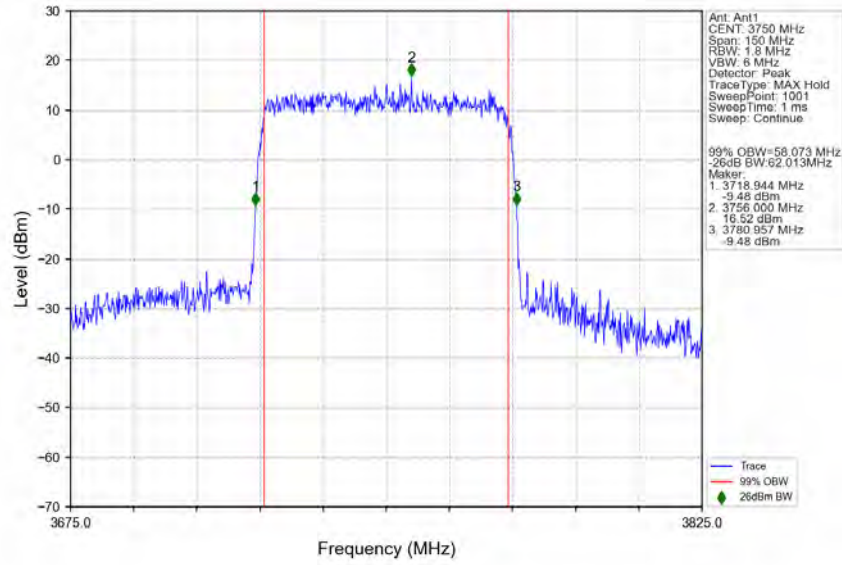
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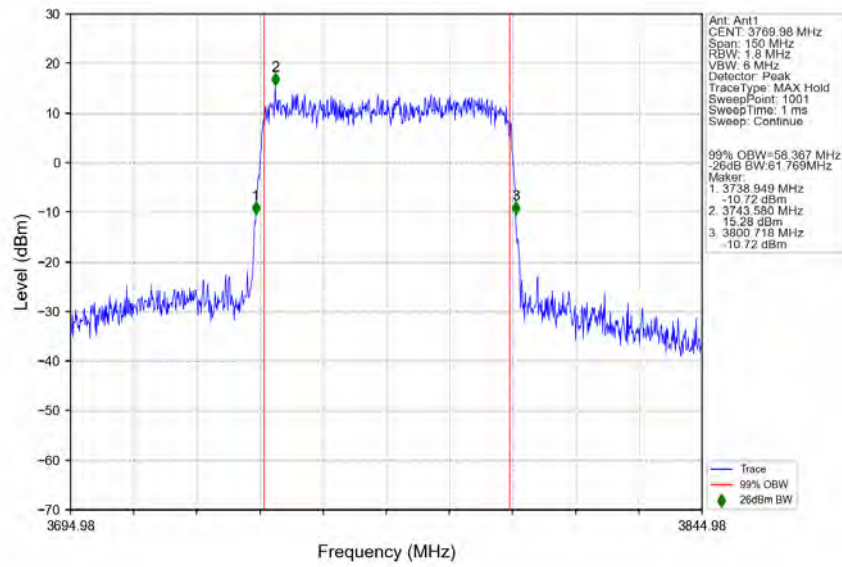
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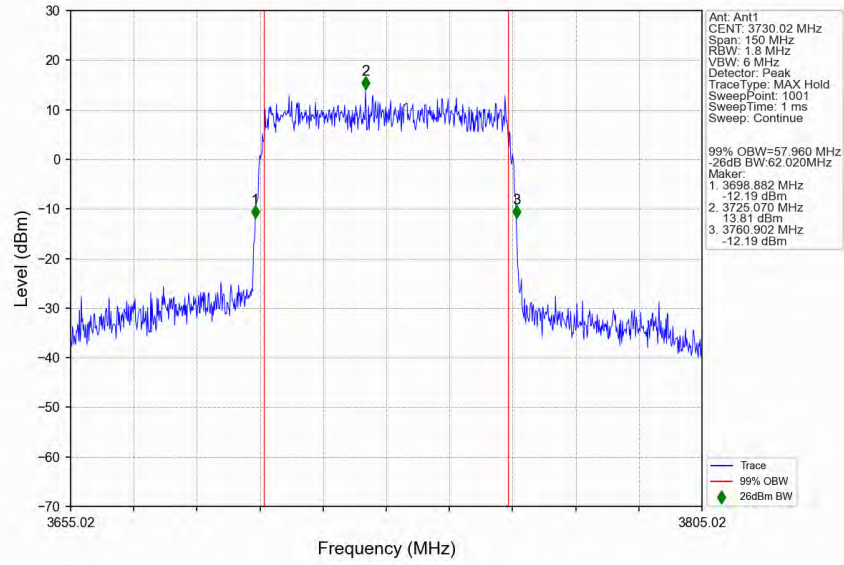


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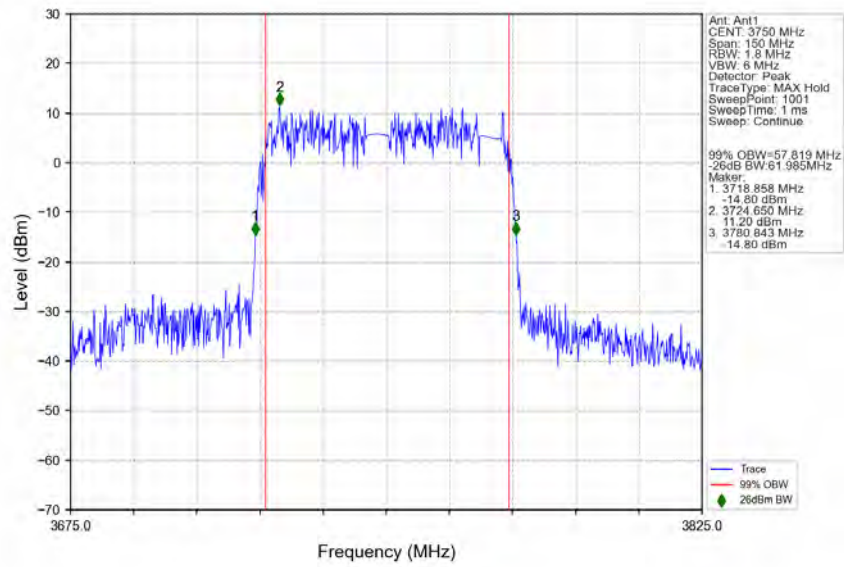




n78a 30kHz SISO NTN 60MHz DFT-s-OFDM 256 QAM 3730.02MHz Outer Full Ant1

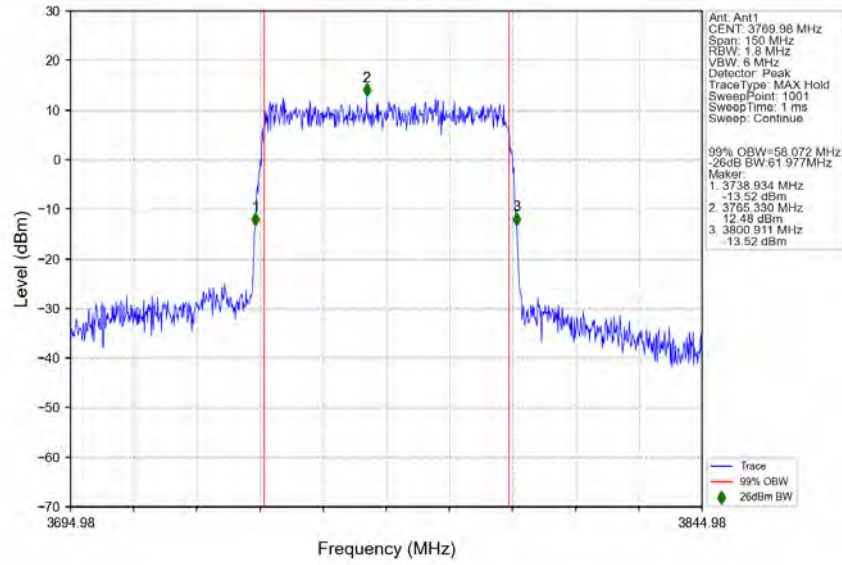


n78a 30kHz SISO NTN 60MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1

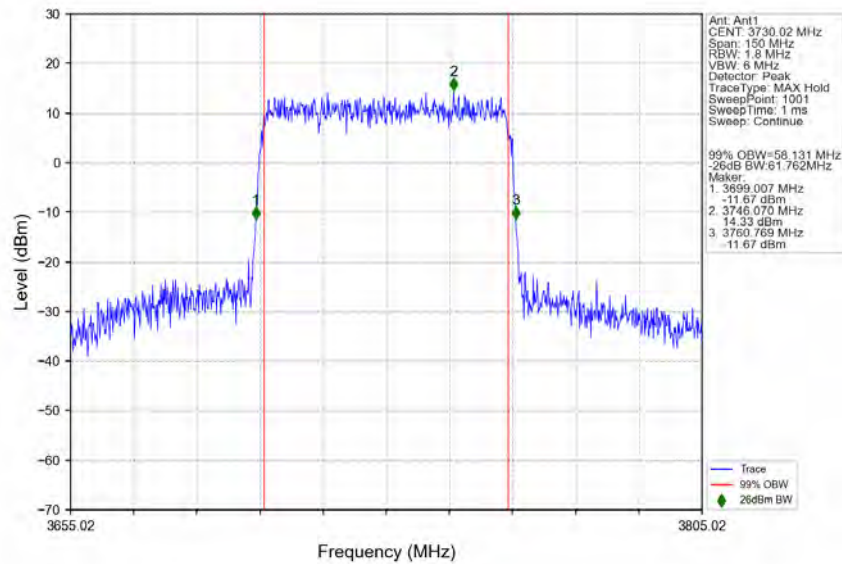




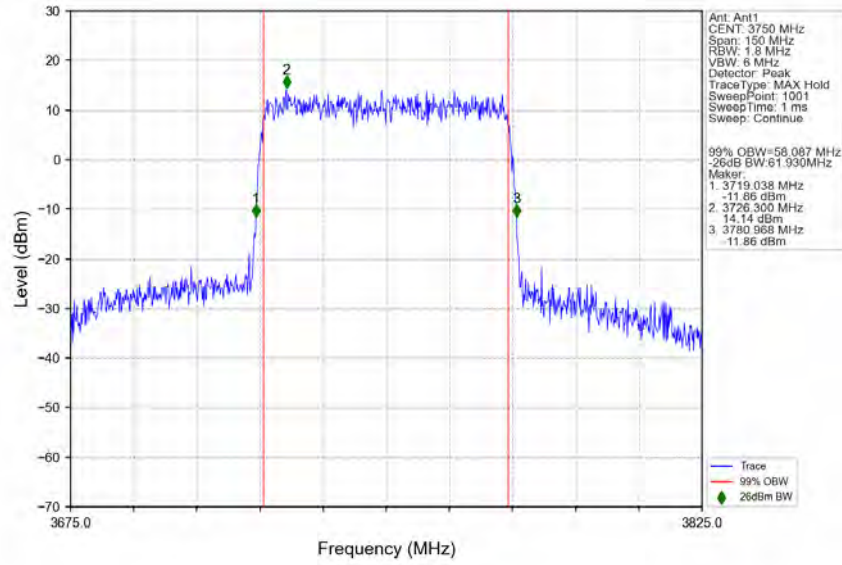
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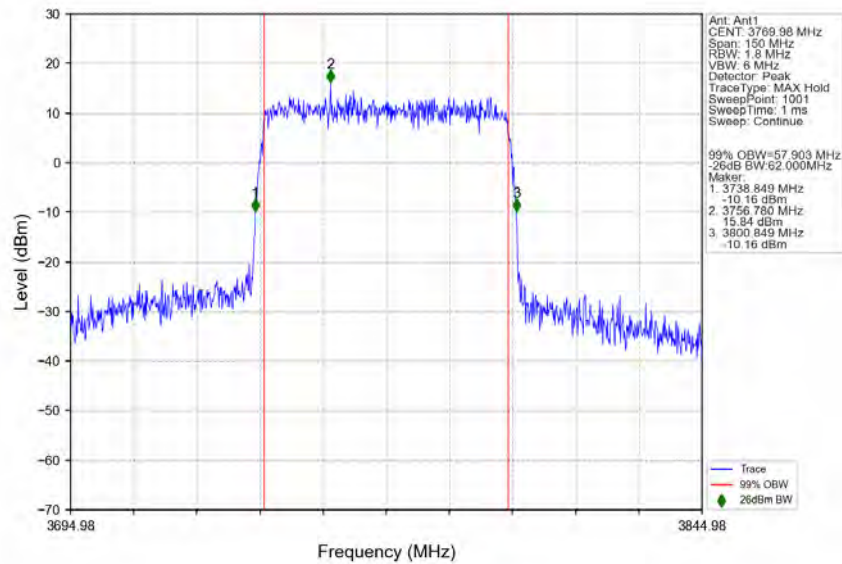
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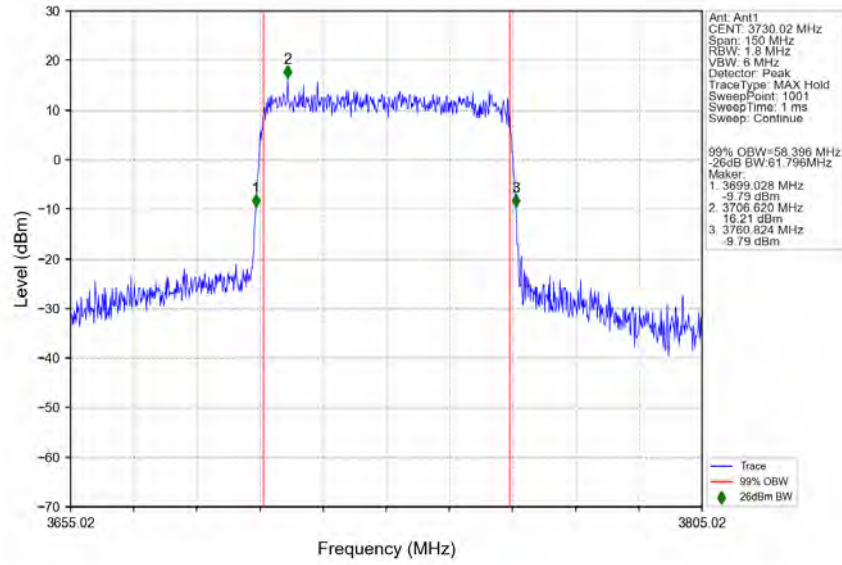
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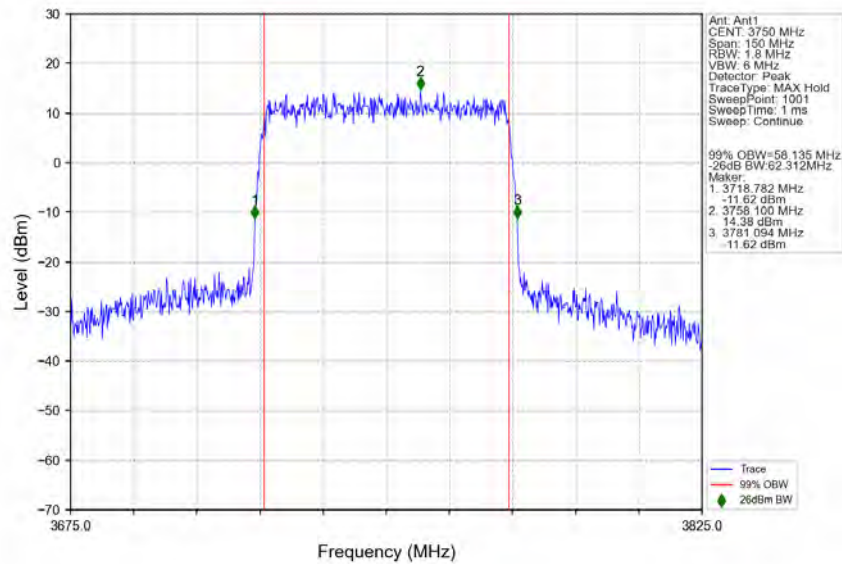
n78a 30kHz SISO NTN 60MHz CP-OFDM QPSK 3769.98MHz Outer Full Ant1



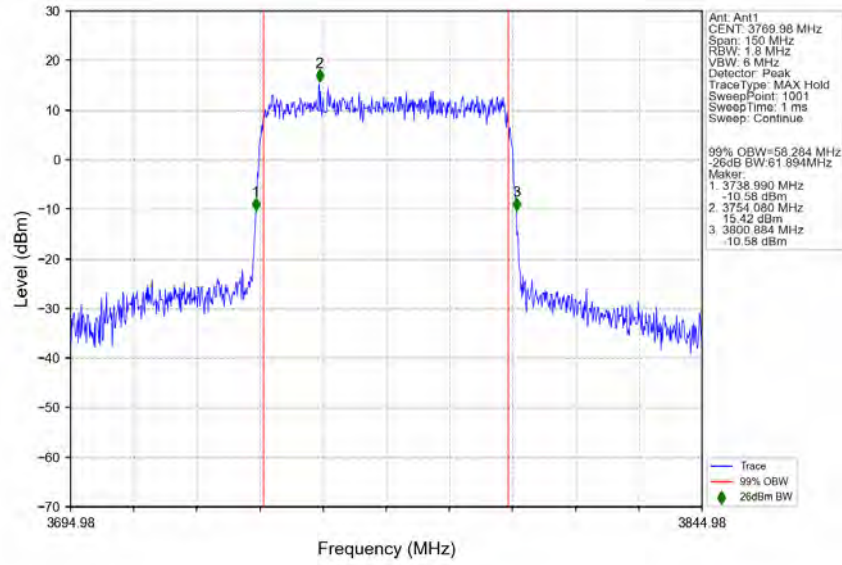
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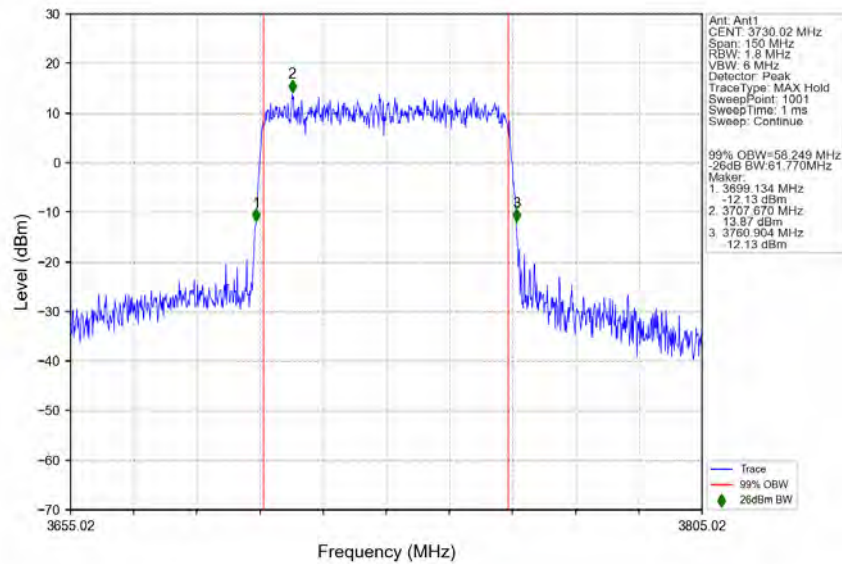
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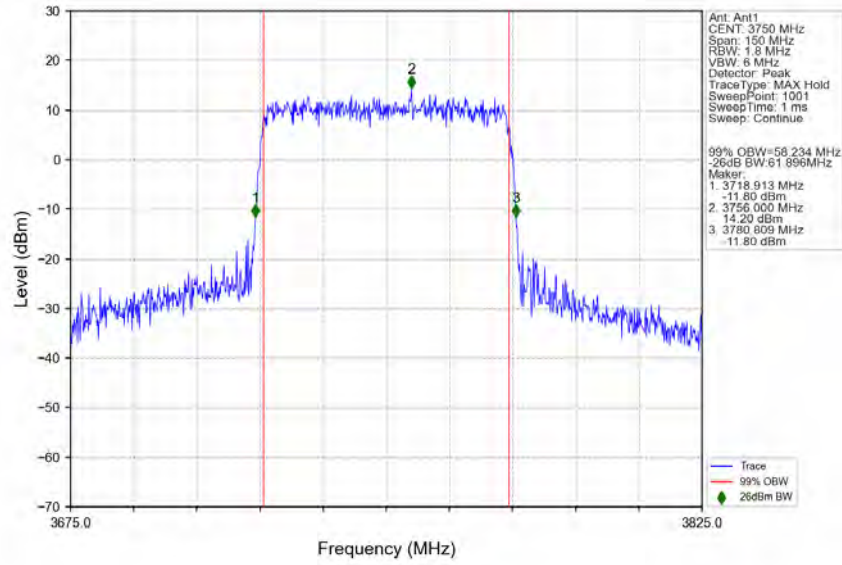
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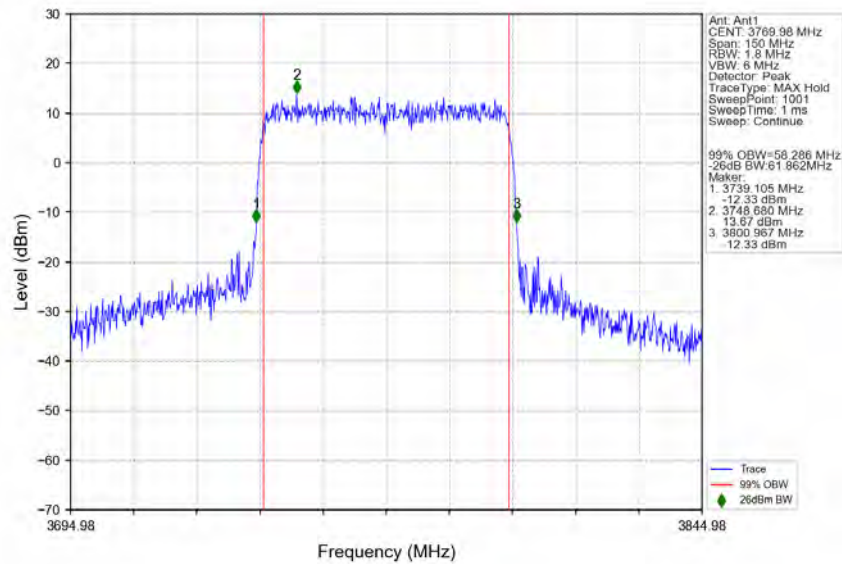
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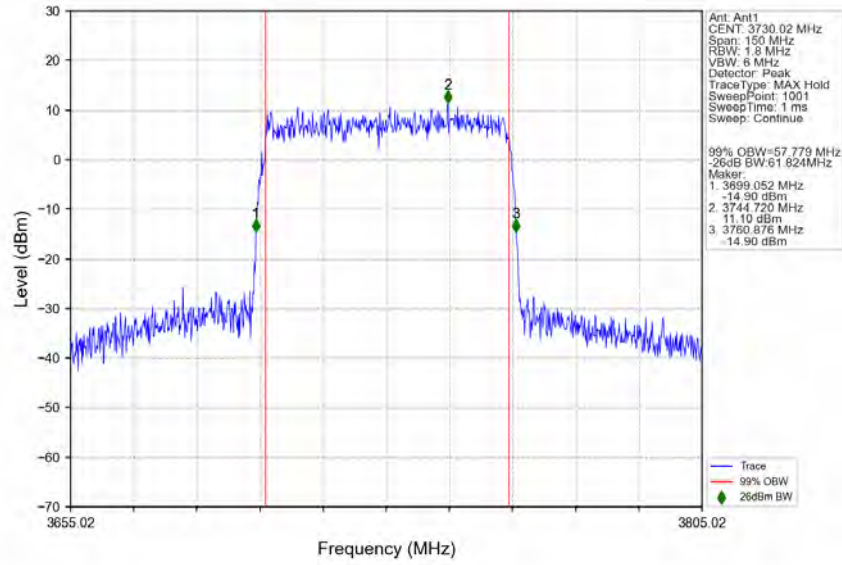
n78a 30kHz SISO NTN 60MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



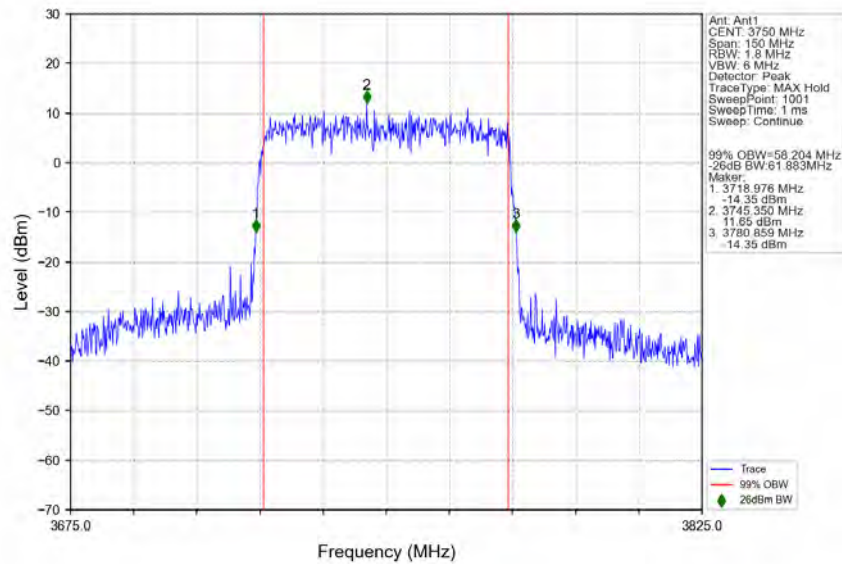
n78a 30kHz SISO NTN 60MHz CP-OFDM 64 QAM 3769.98MHz Outer Full Ant1



n78a 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3730.02MHz Outer Full Ant1

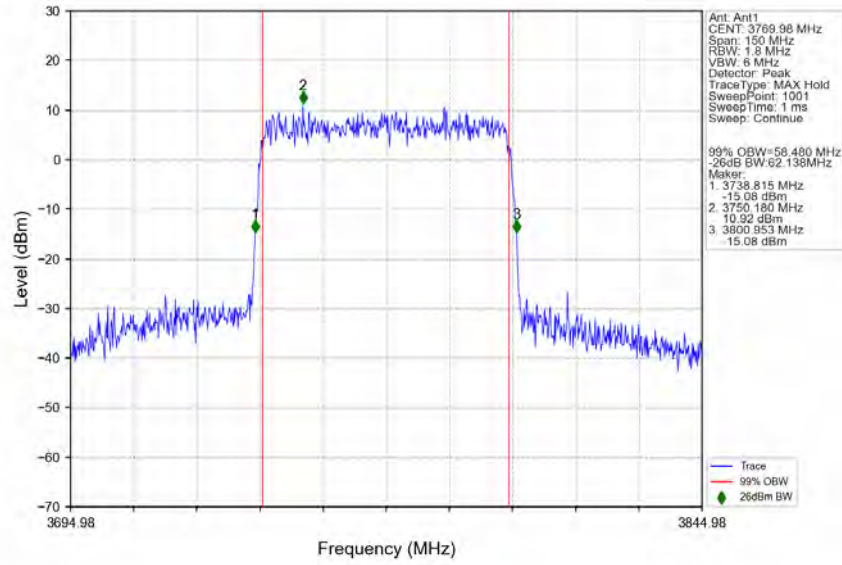


n78a 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1

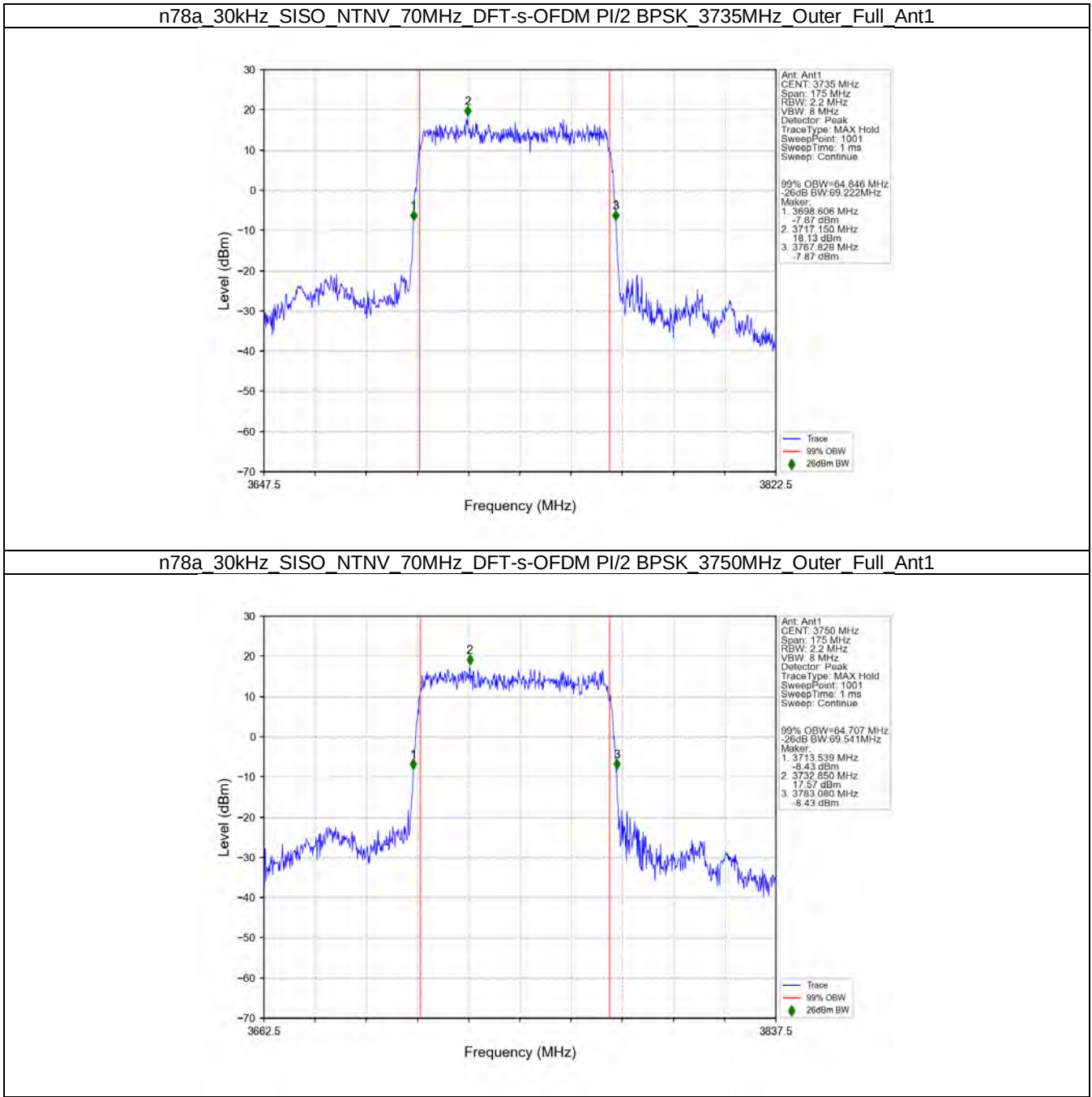




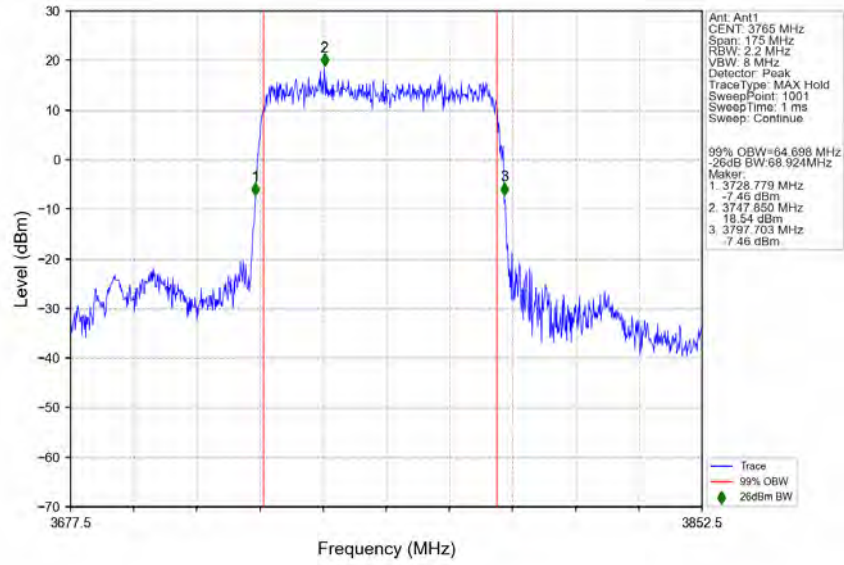
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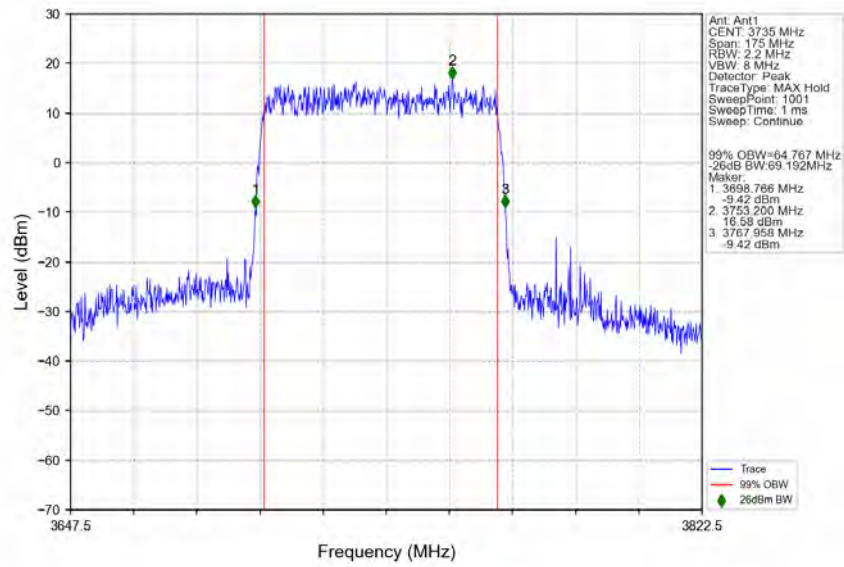
3.2.6 30k\_SISO\_70MHz\_NTNV



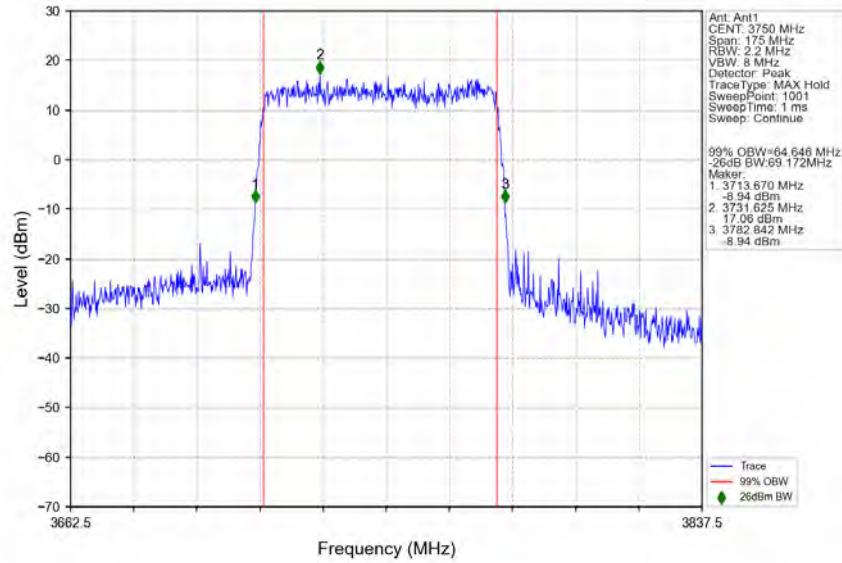
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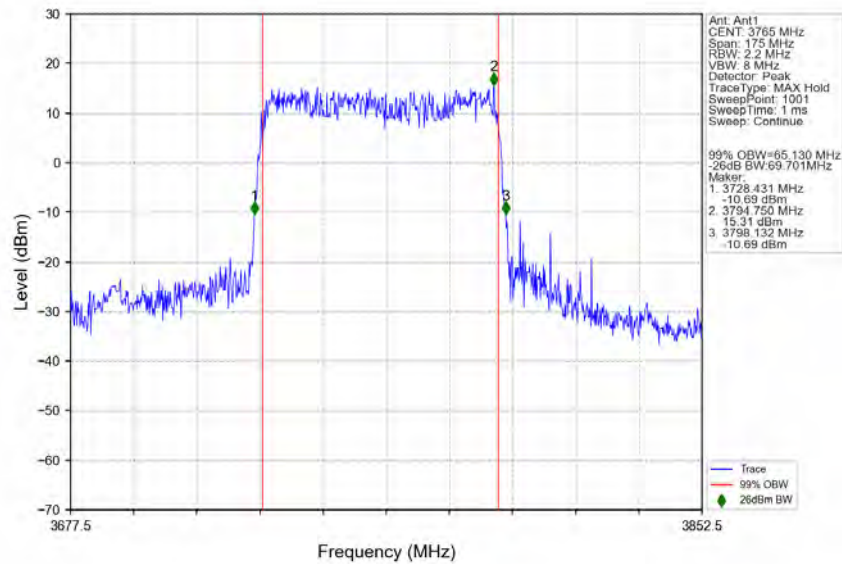
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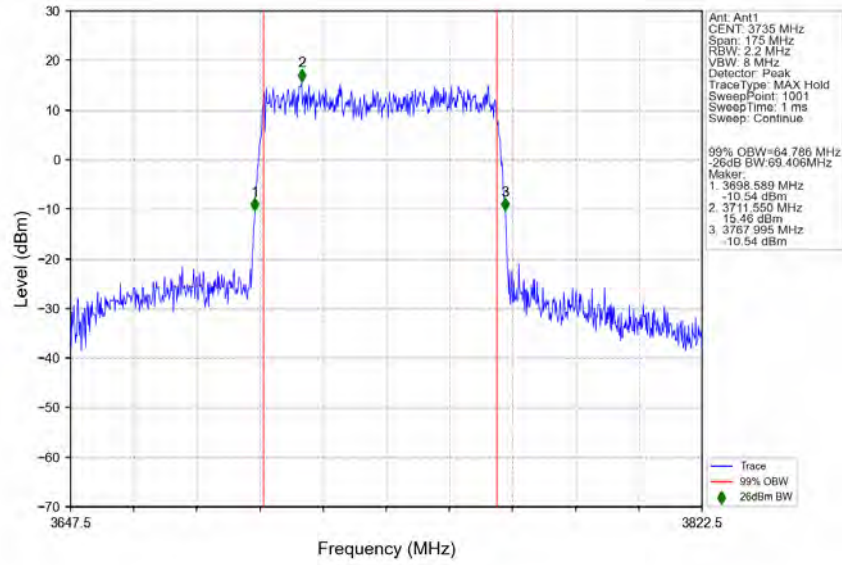
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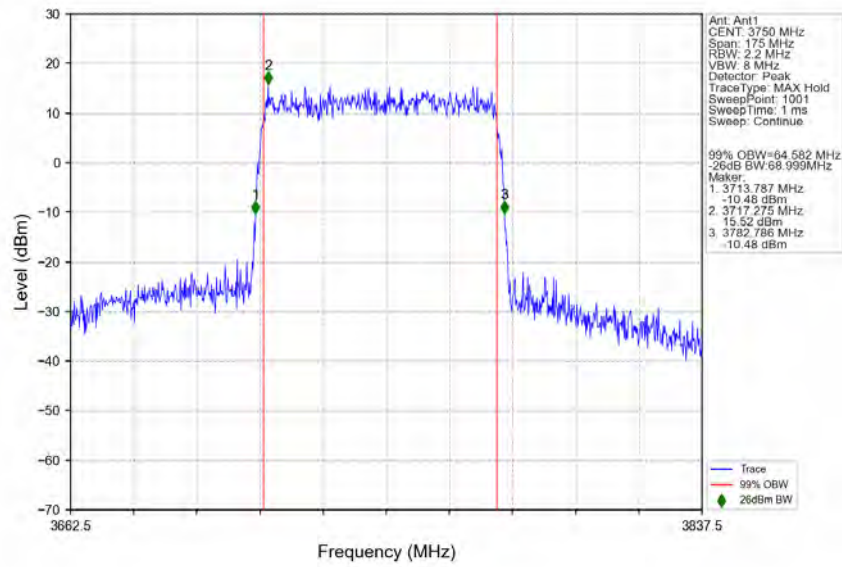
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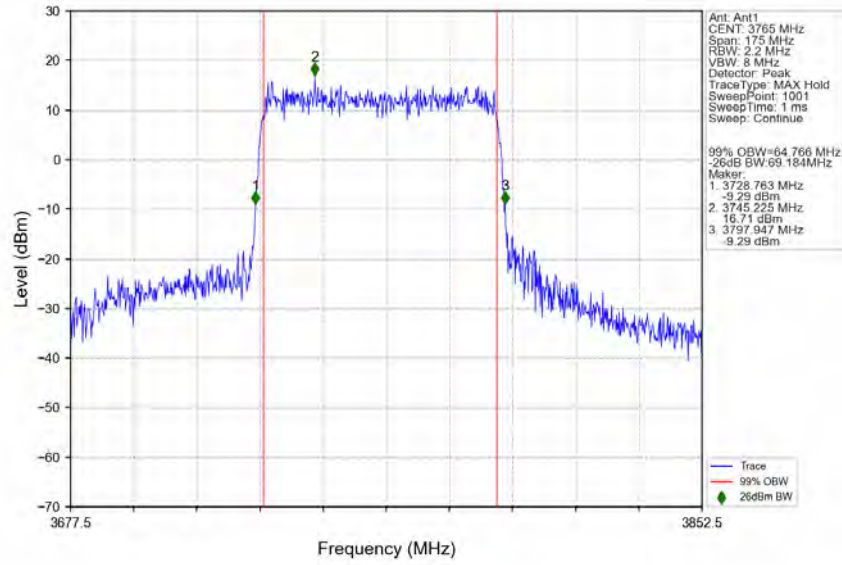
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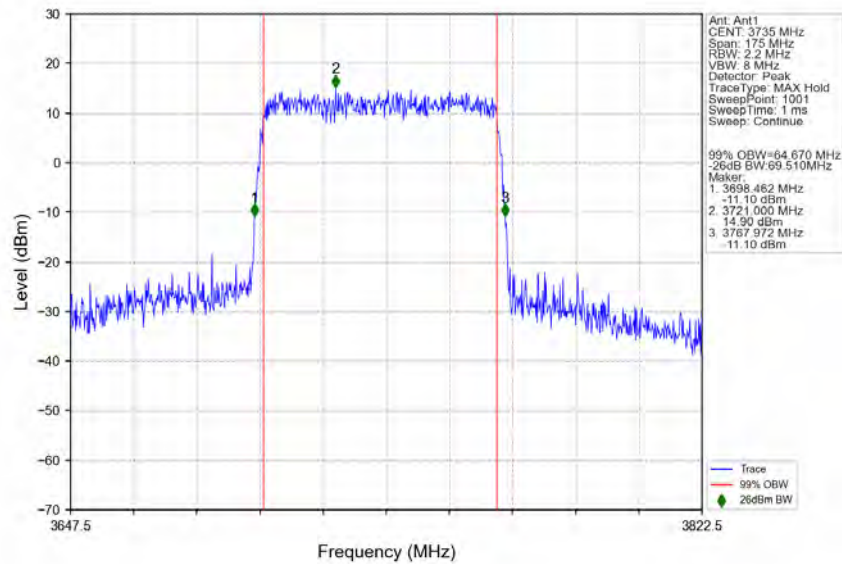
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n78a 30kHz SISO NTN 70MHz DFT-s-OFDM 16 QAM 3765MHz Outer Full Ant1

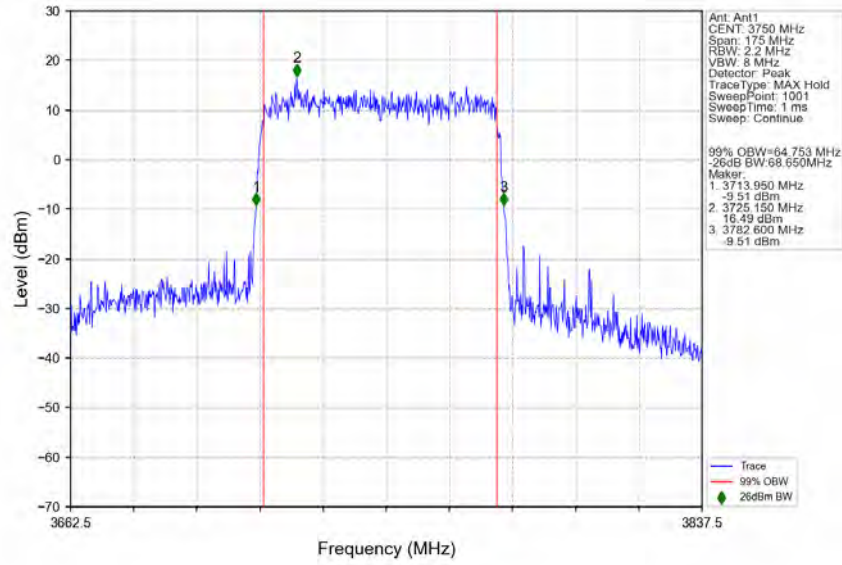


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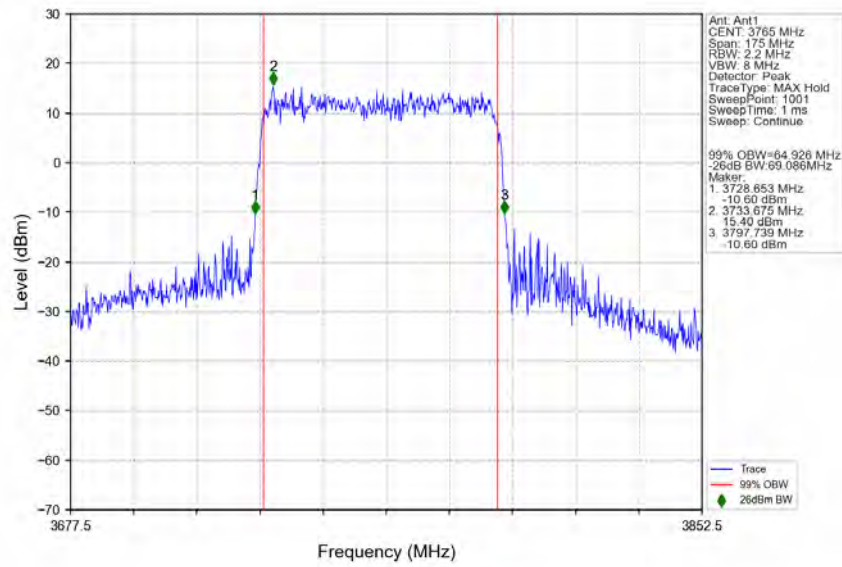




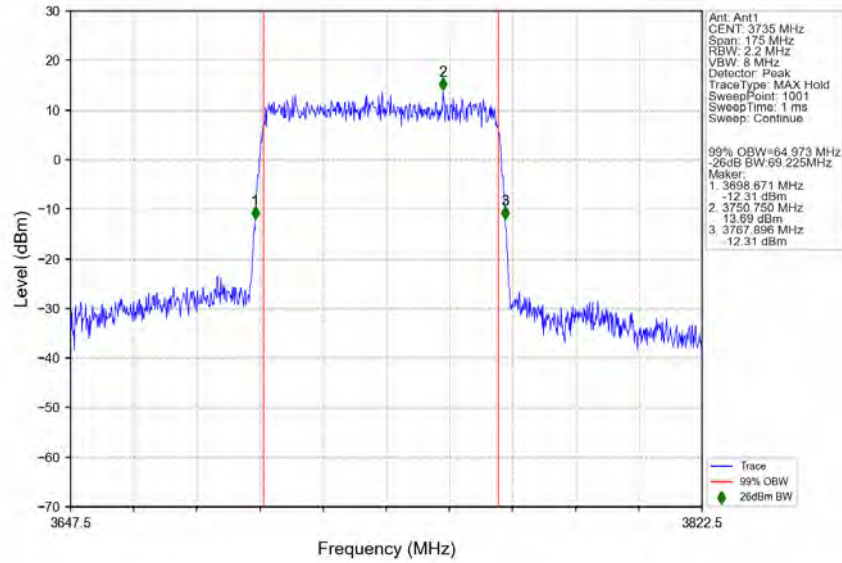
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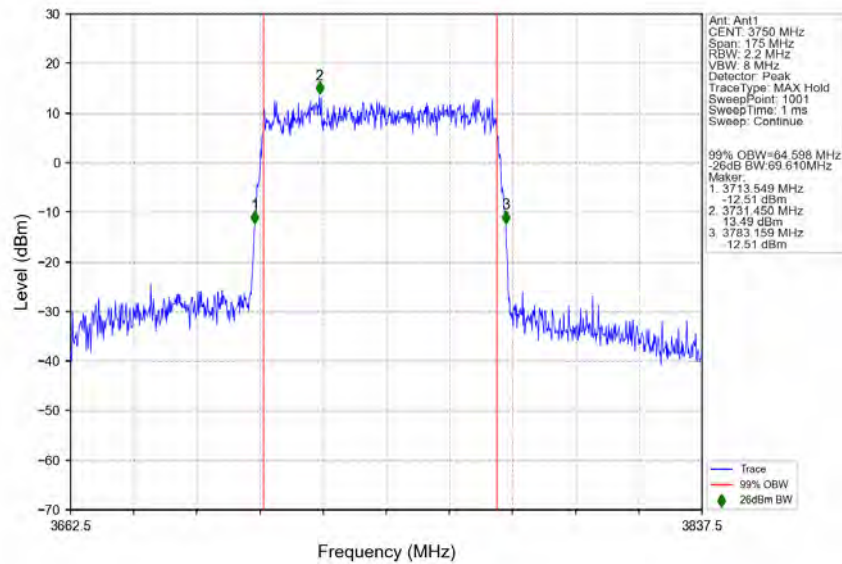
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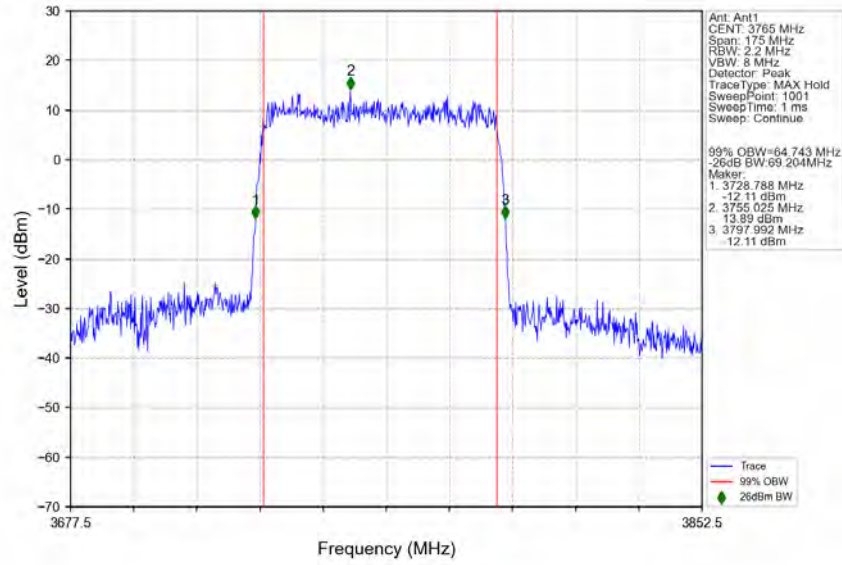
n78a 30kHz SISO NTN 70MHz DFT-s-OFDM 256 QAM 3735MHz Outer Full Ant1



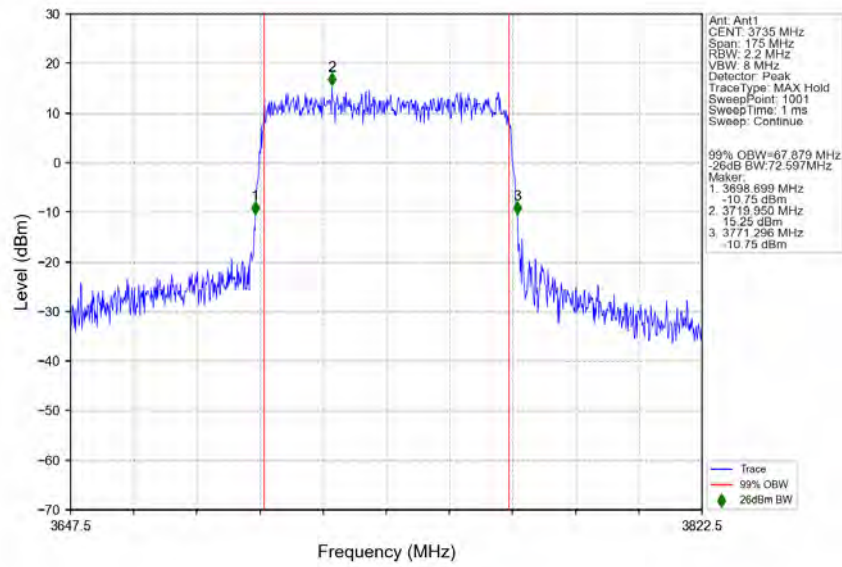
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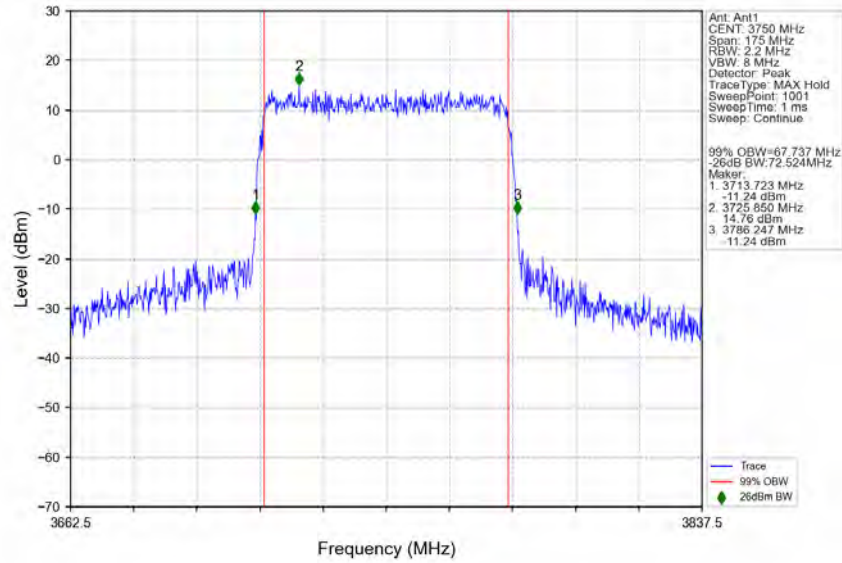
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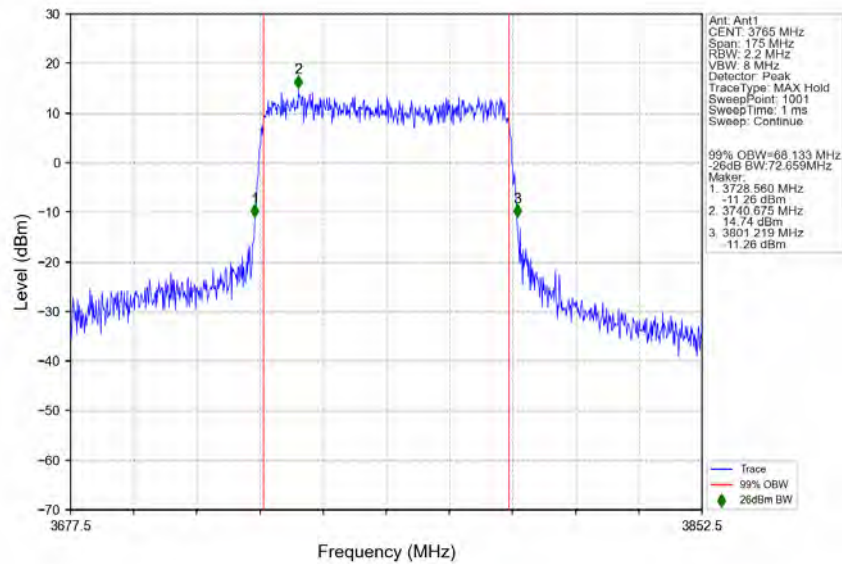
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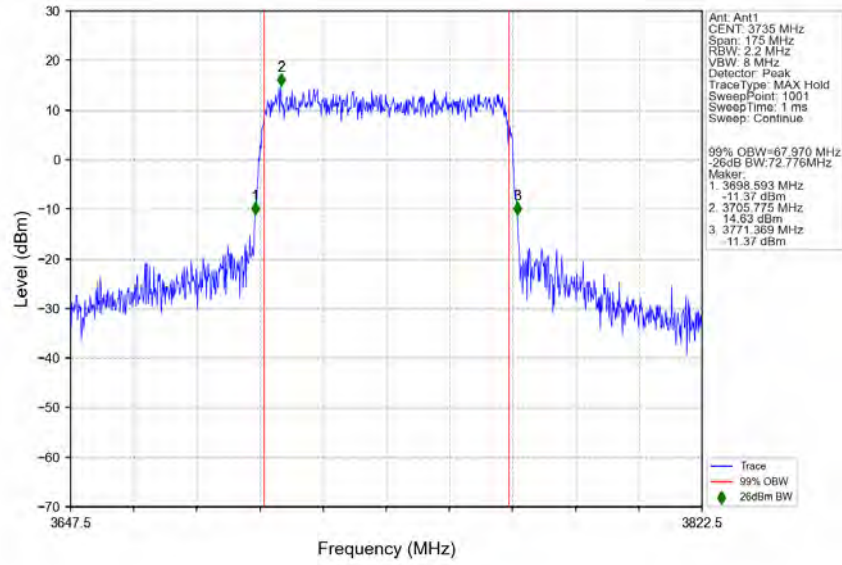
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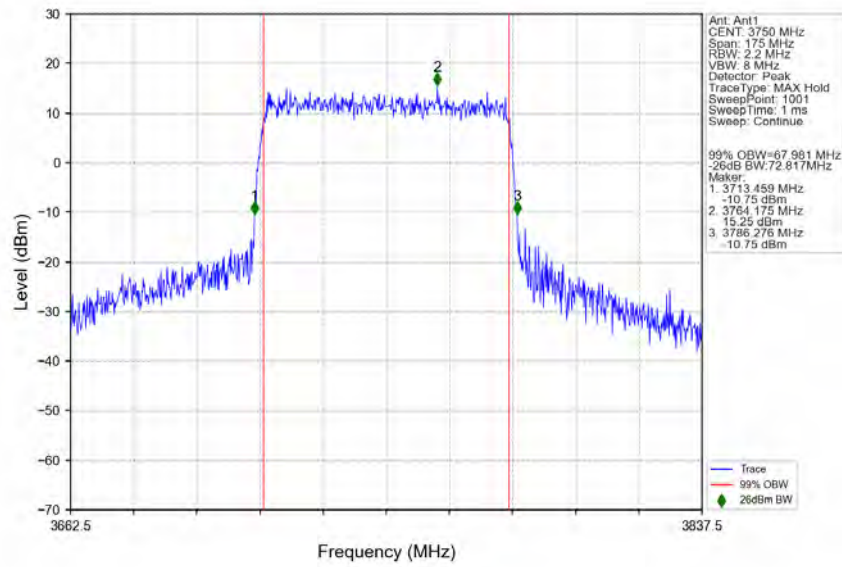
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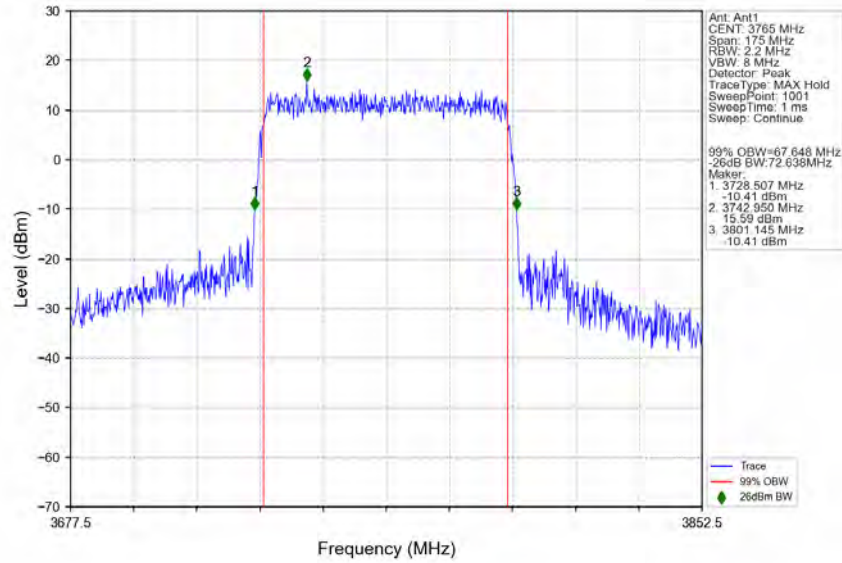
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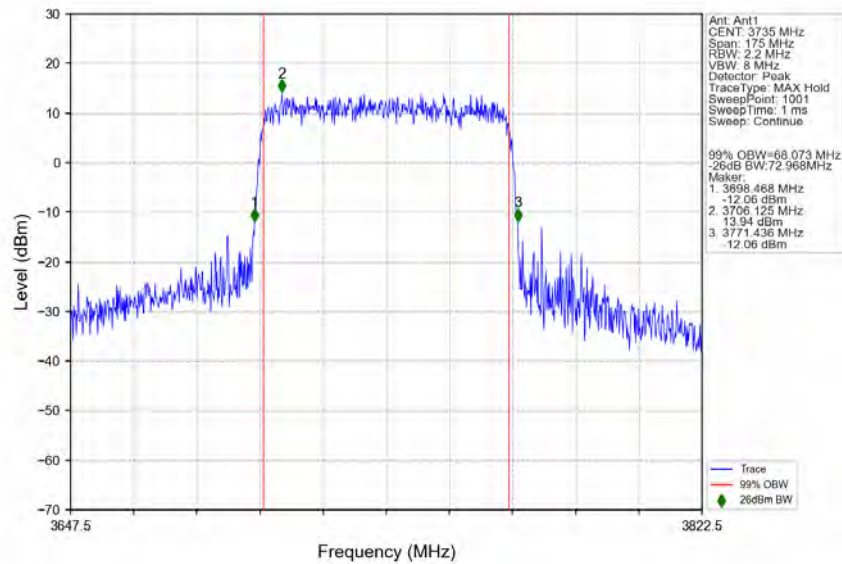
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n78a 30kHz SISO NTN 70MHz CP-OFDM 16 QAM 3765MHz Outer Full Ant1

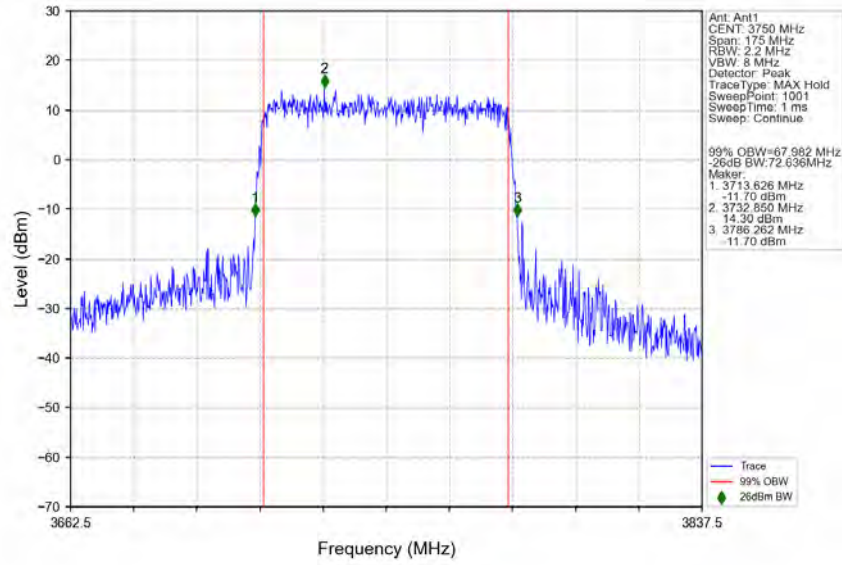


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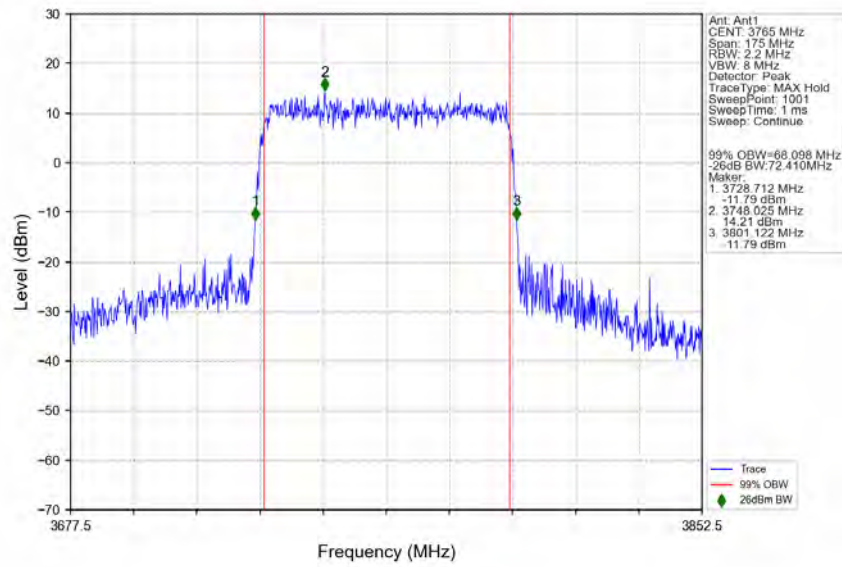




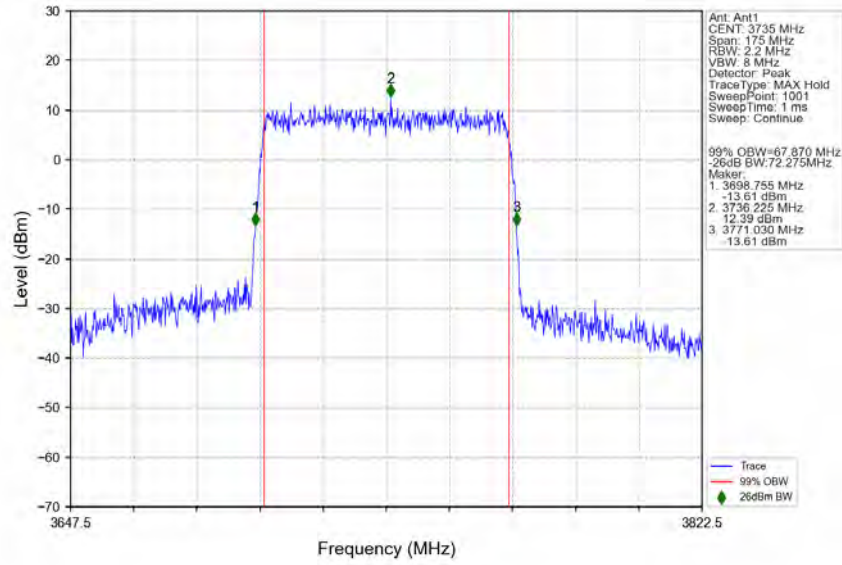
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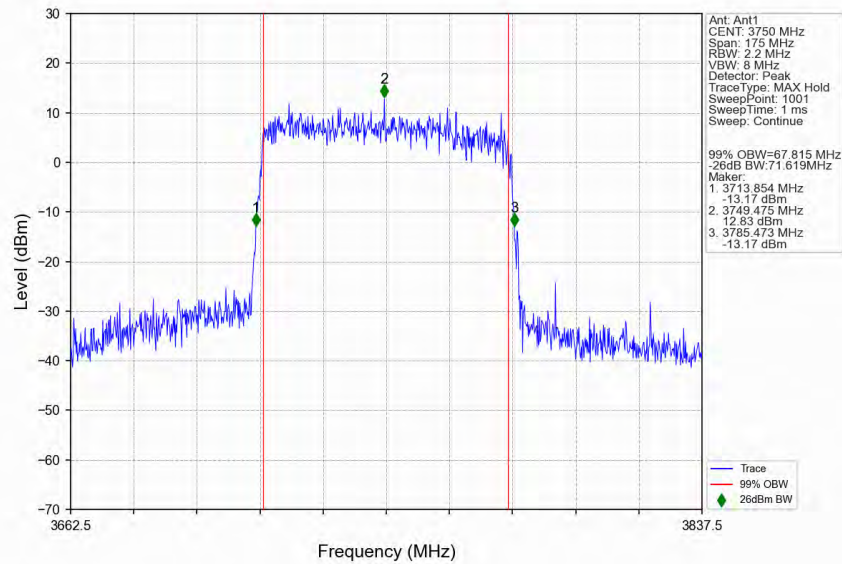
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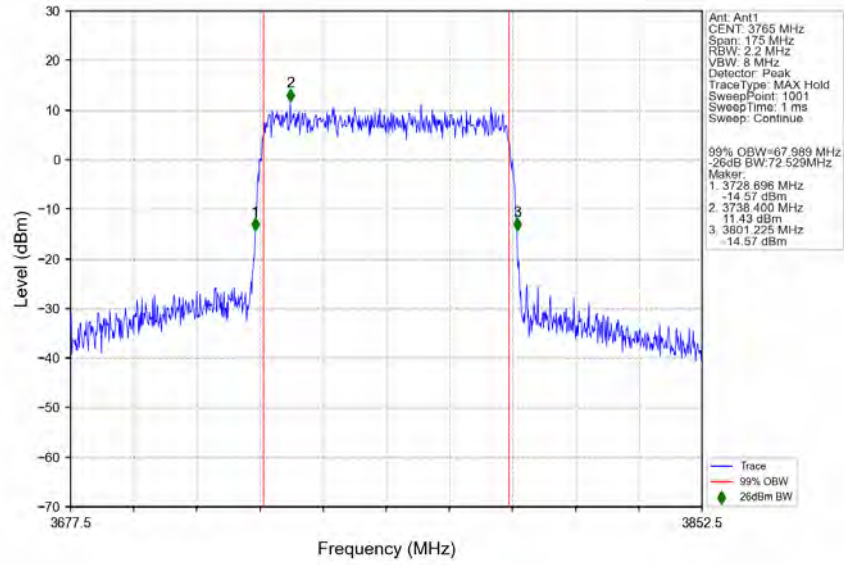
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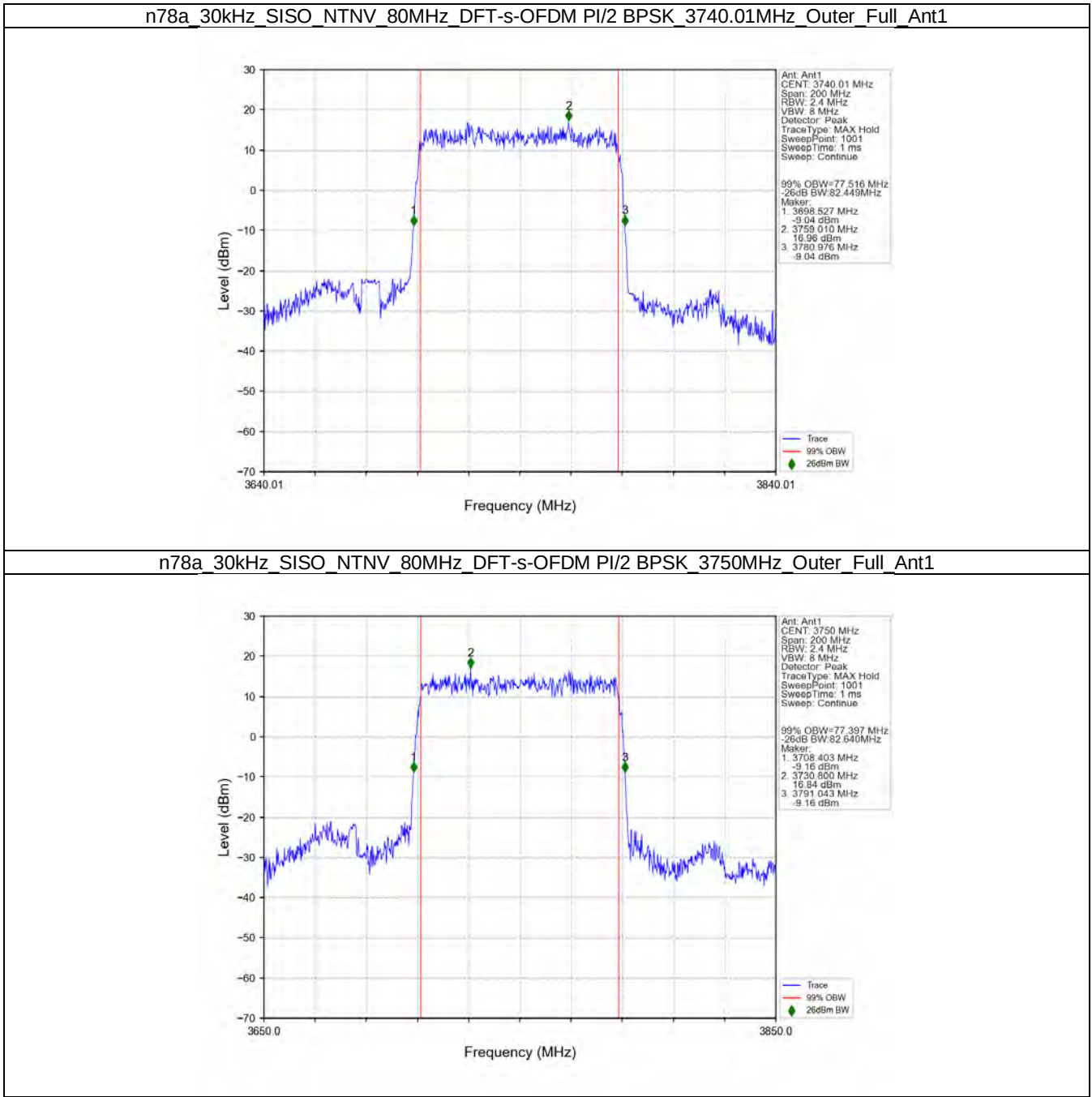
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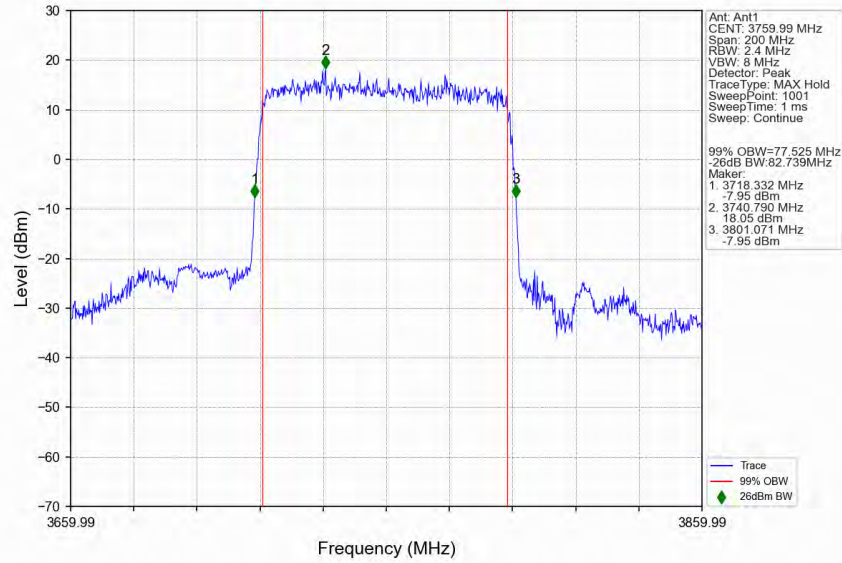
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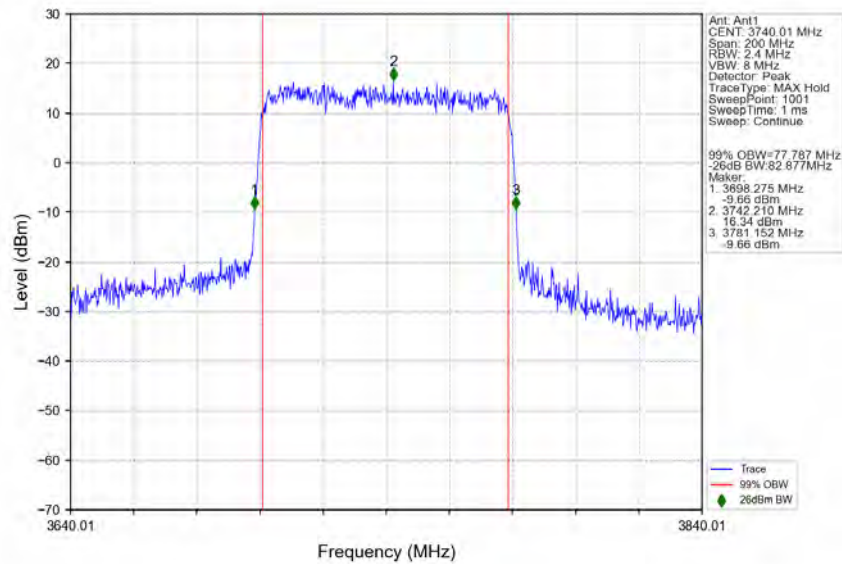
3.2.7 30k\_SISO\_80MHz\_NTNV



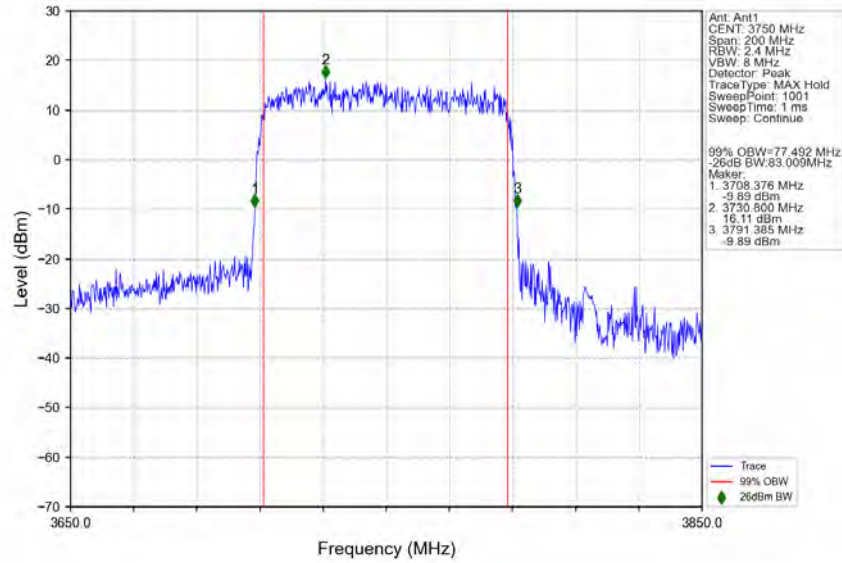
n78a 30kHz SISO NTN 80MHz DFT-s-OFDM PI/2 BPSK 3759.99MHz Outer Full Ant1



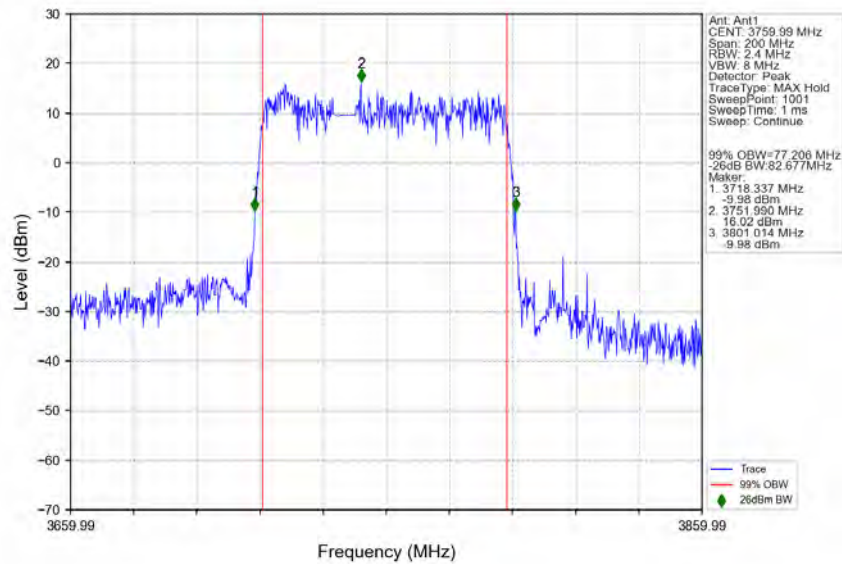
n78a 30kHz SISO NTN 80MHz DFT-s-OFDM QPSK 3740.01MHz Outer Full Ant1



n78a 30kHz SISO NTN 80MHz DFT-s-OFDM QPSK 3750MHz Outer Full Ant1

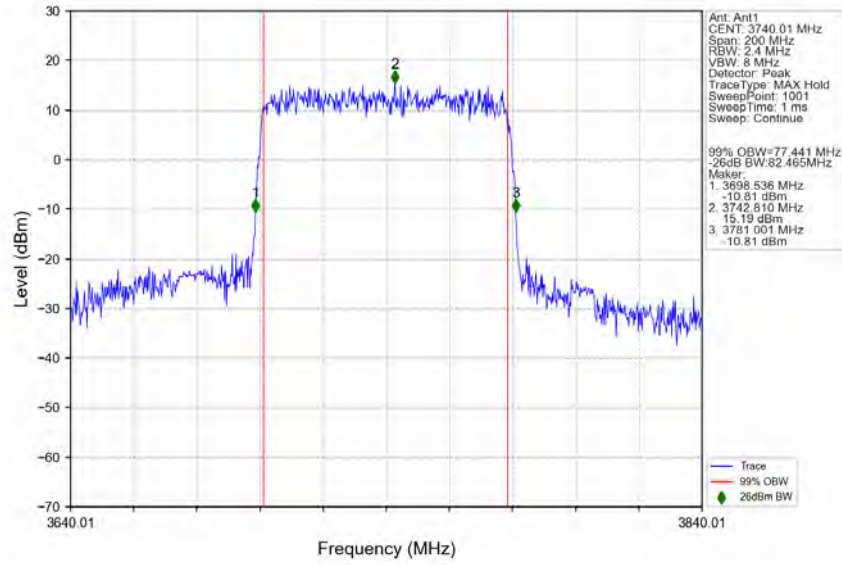


n78a 30kHz SISO NTN 80MHz DFT-s-OFDM QPSK 3759.99MHz Outer Full Ant1

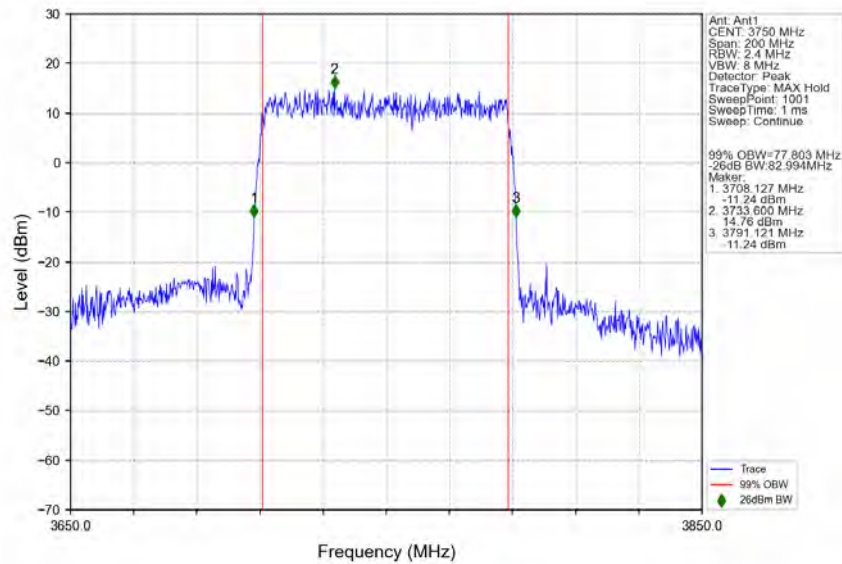




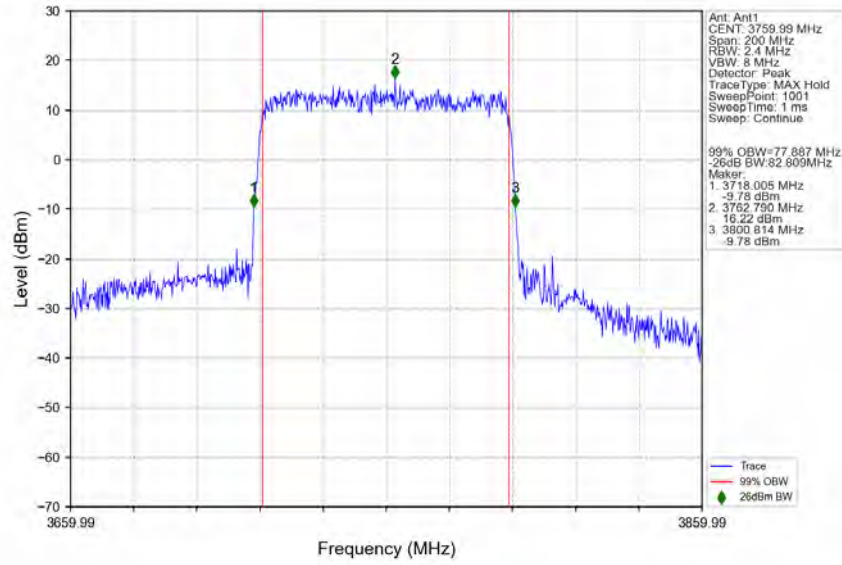
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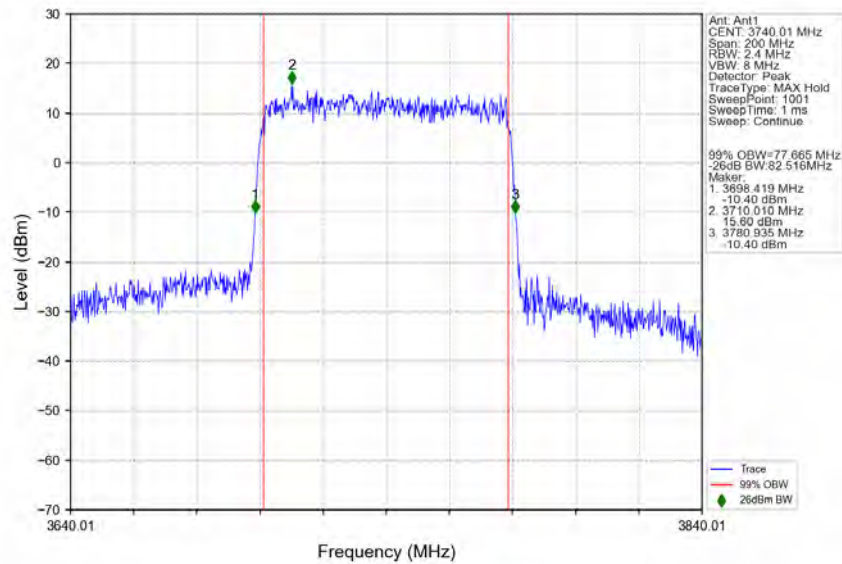
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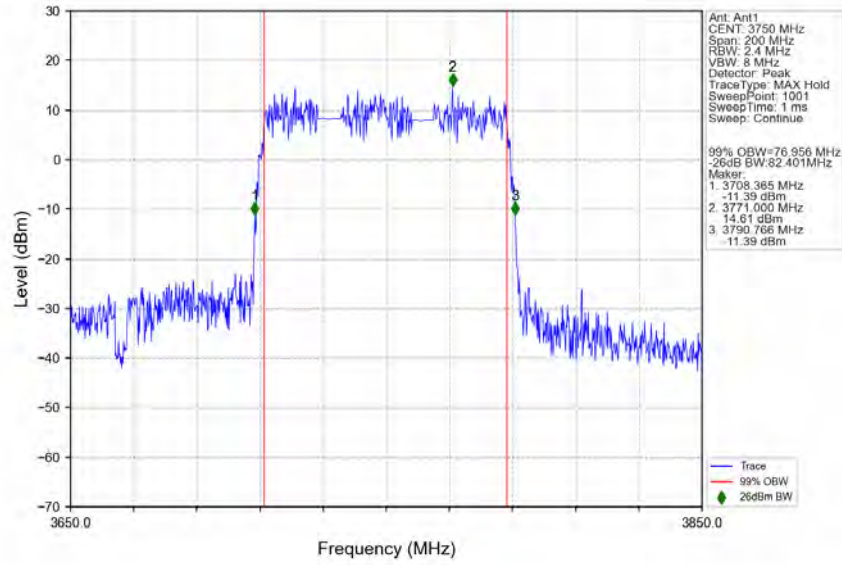
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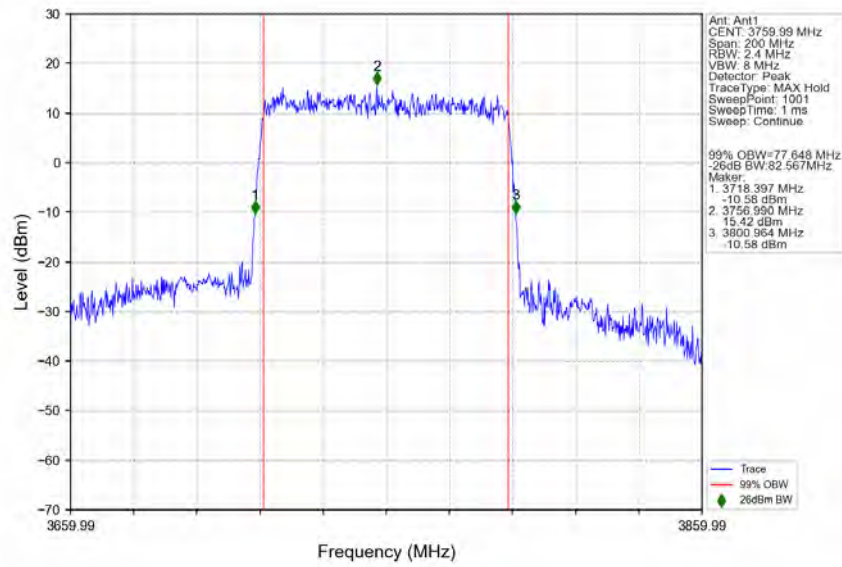
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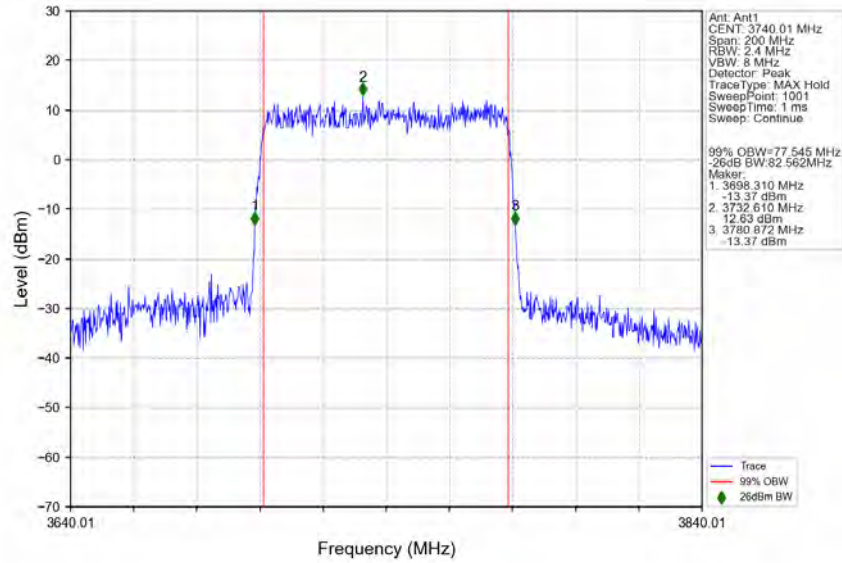
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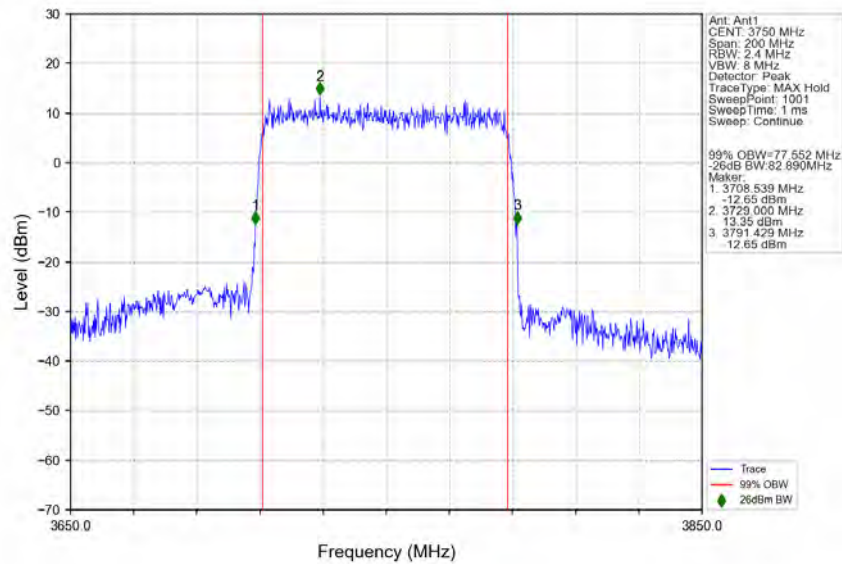
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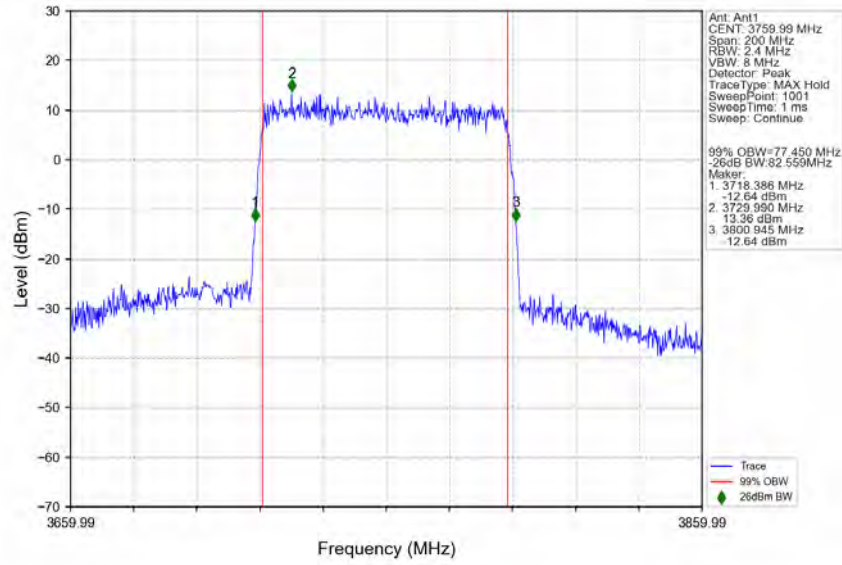
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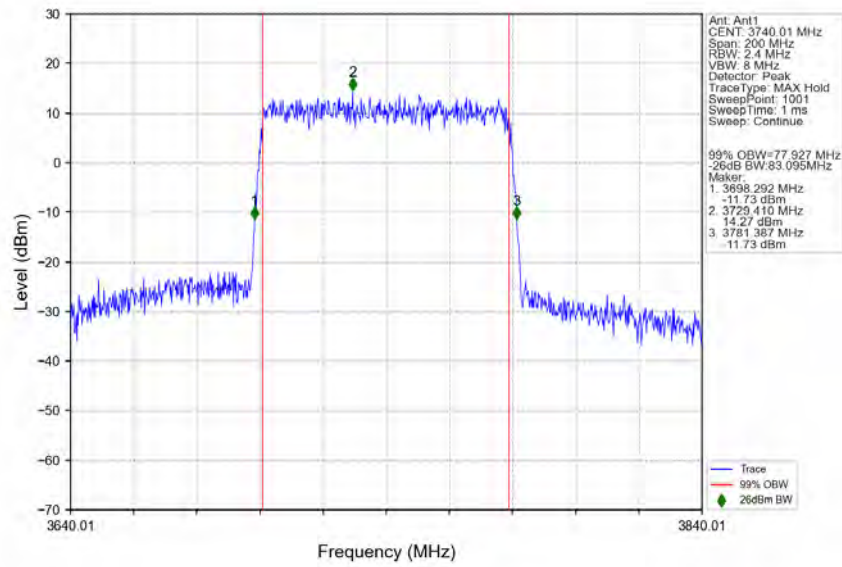
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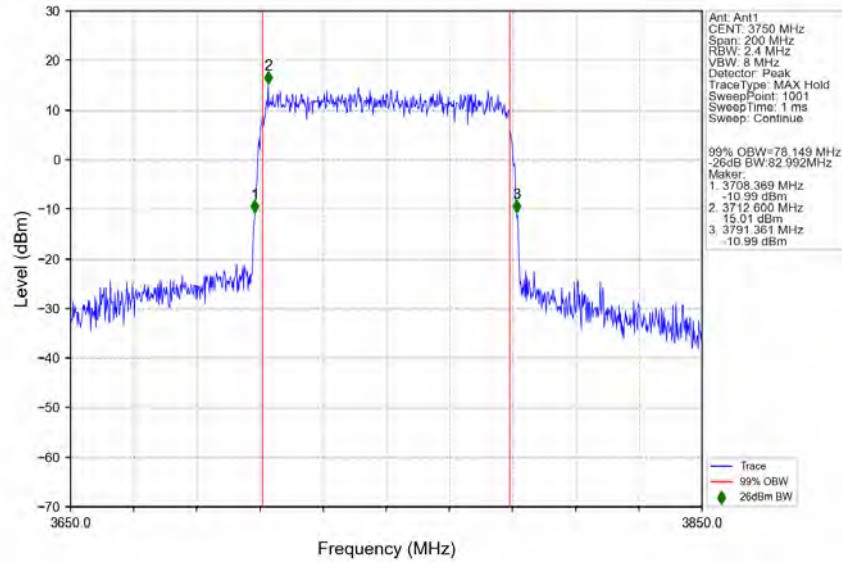
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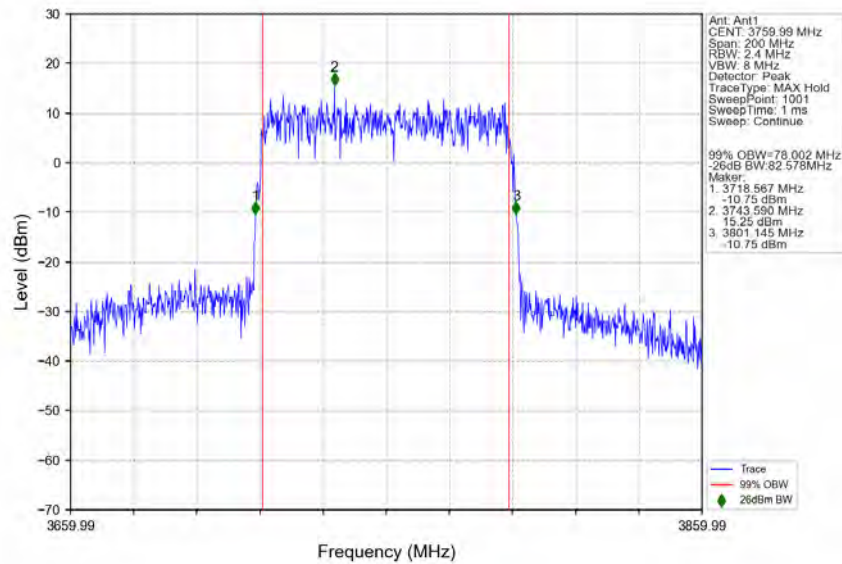
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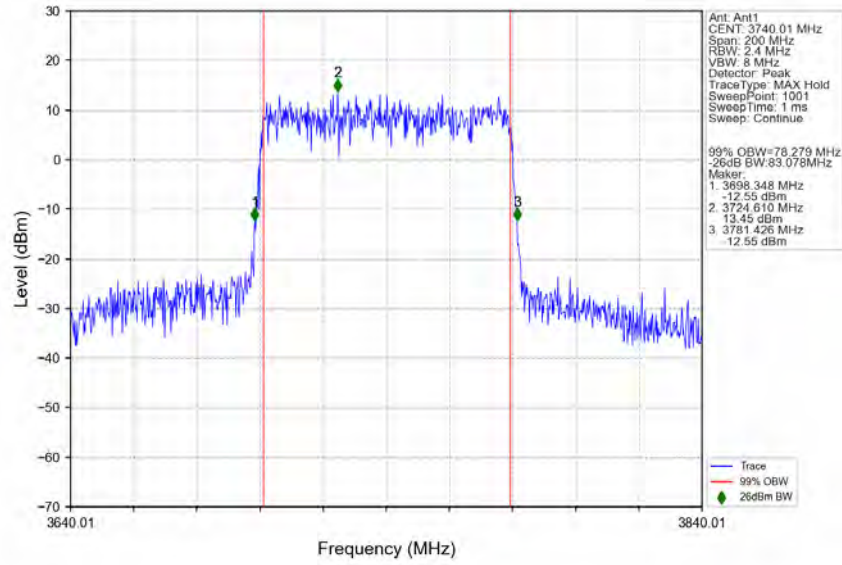


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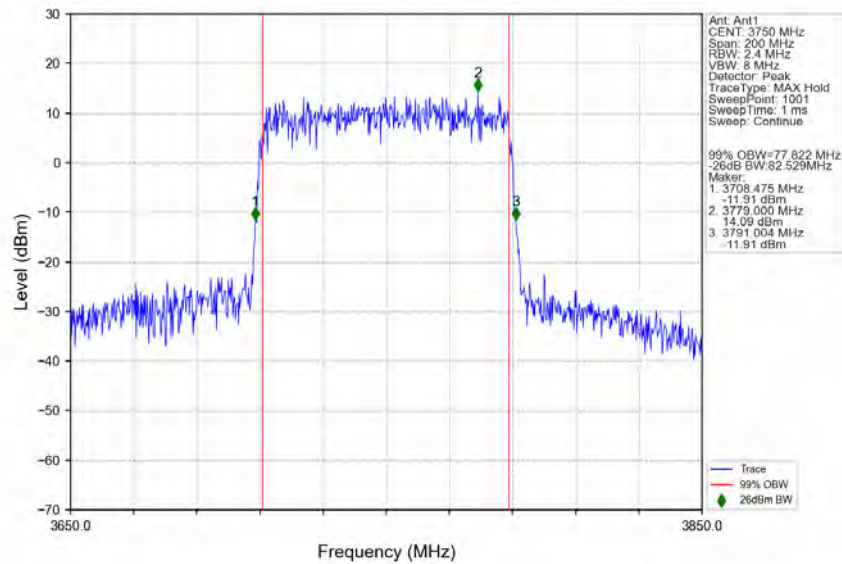




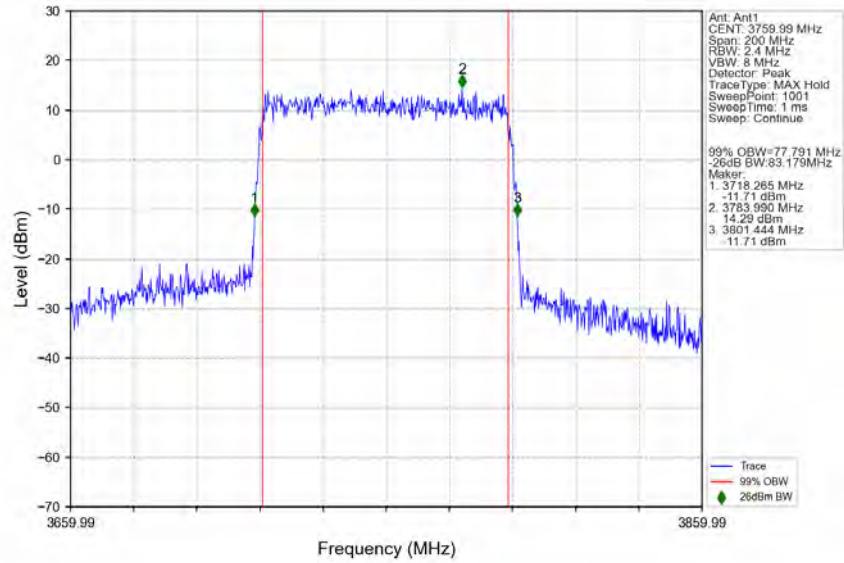
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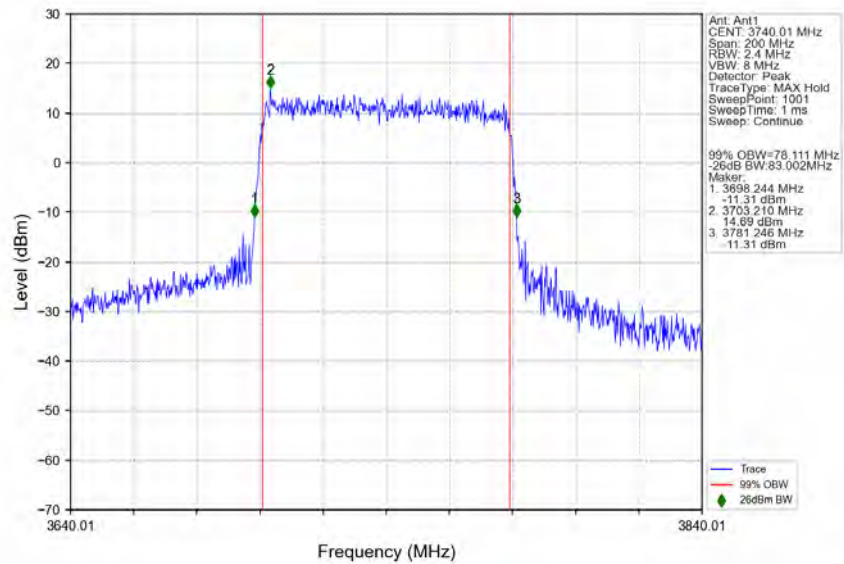
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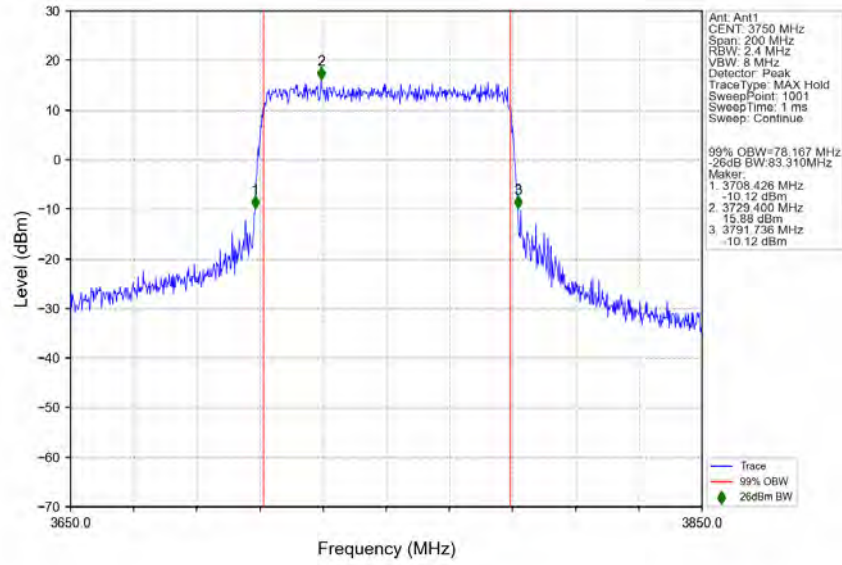
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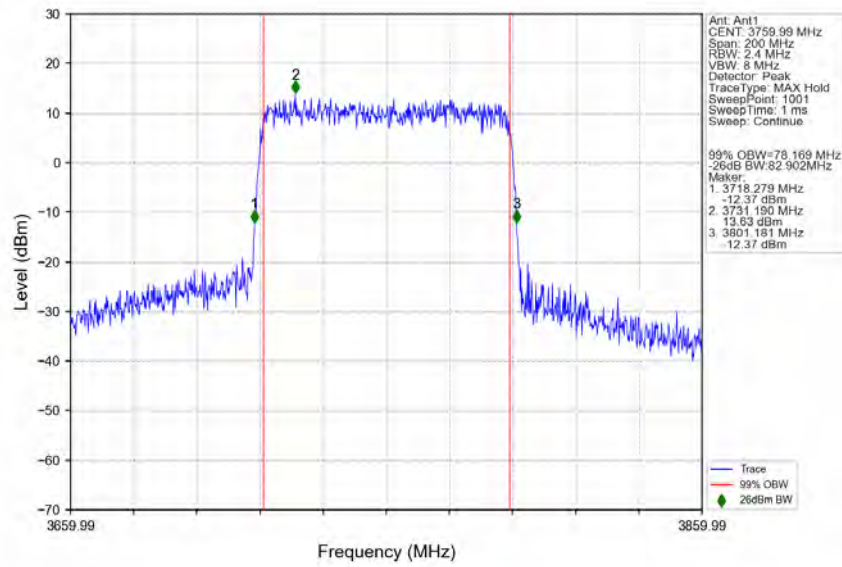
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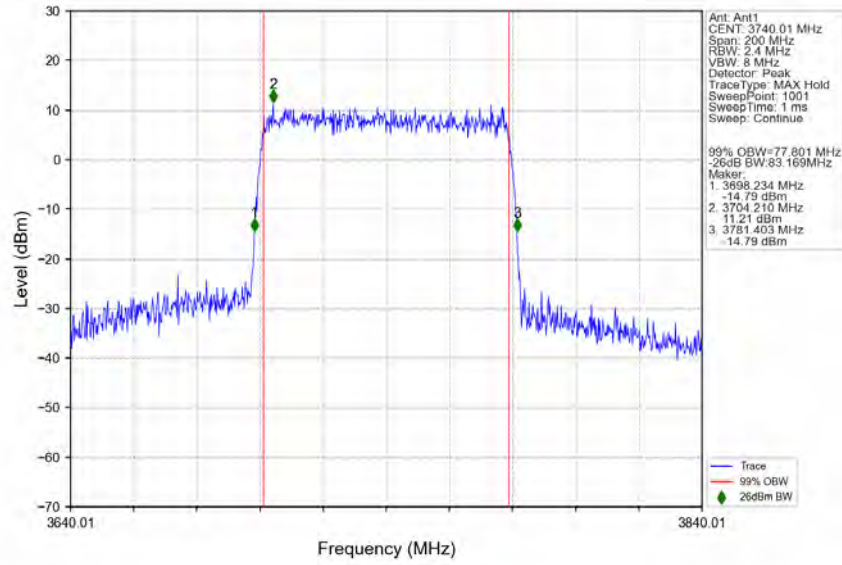
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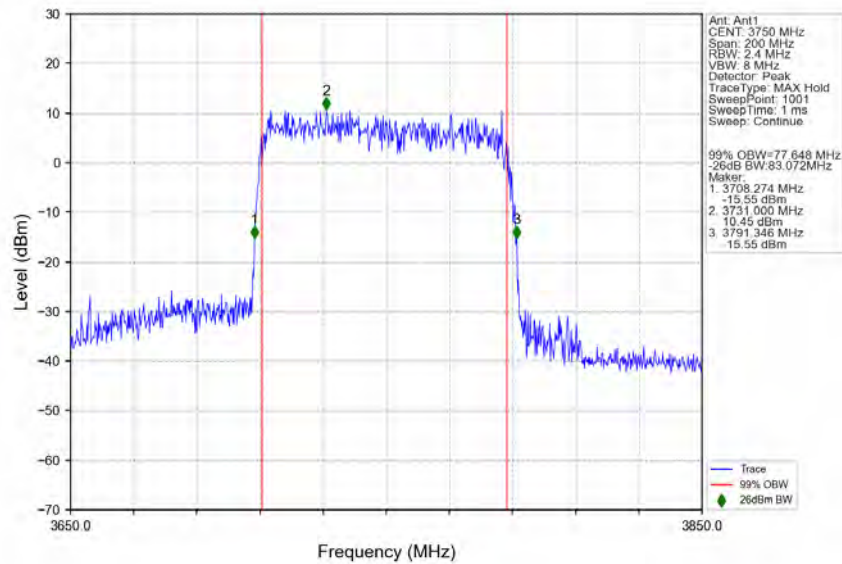
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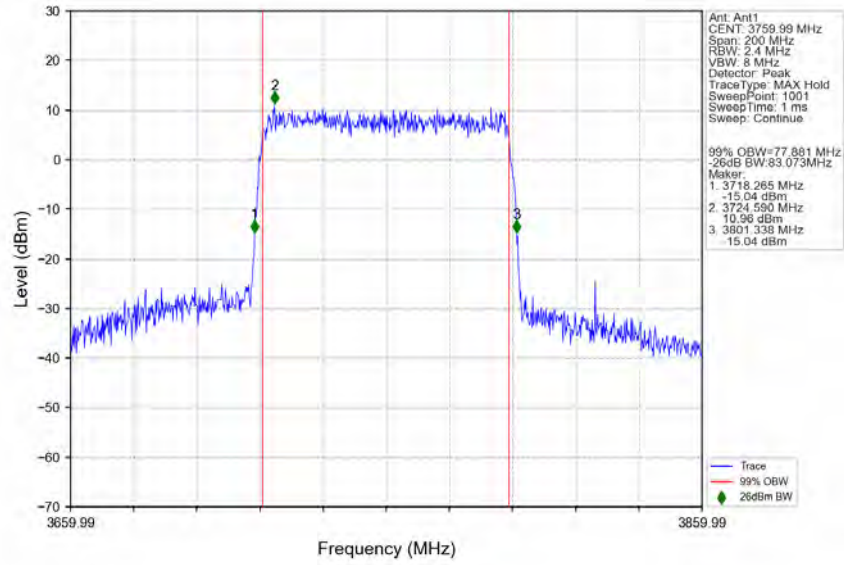
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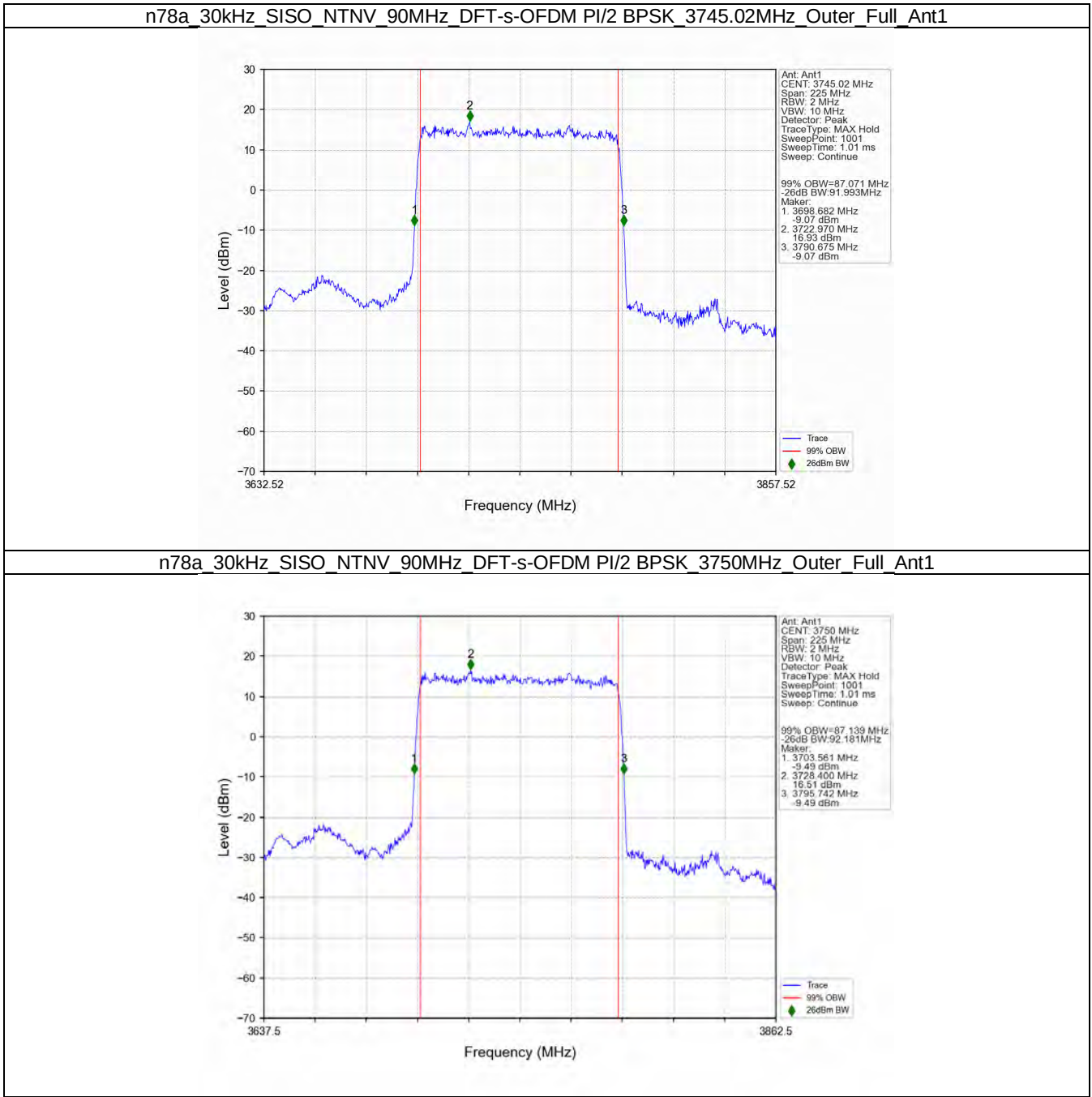
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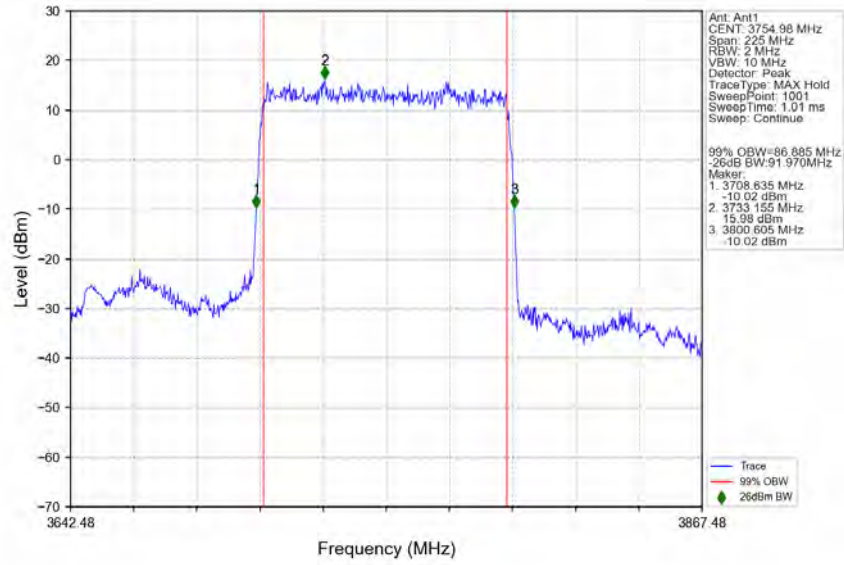


3.2.8 30k\_SISO\_90MHz\_NTNV

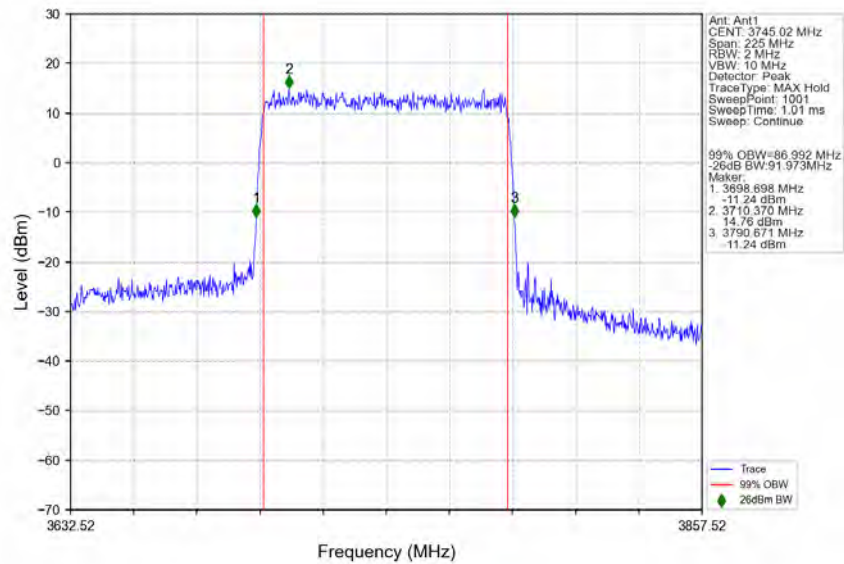




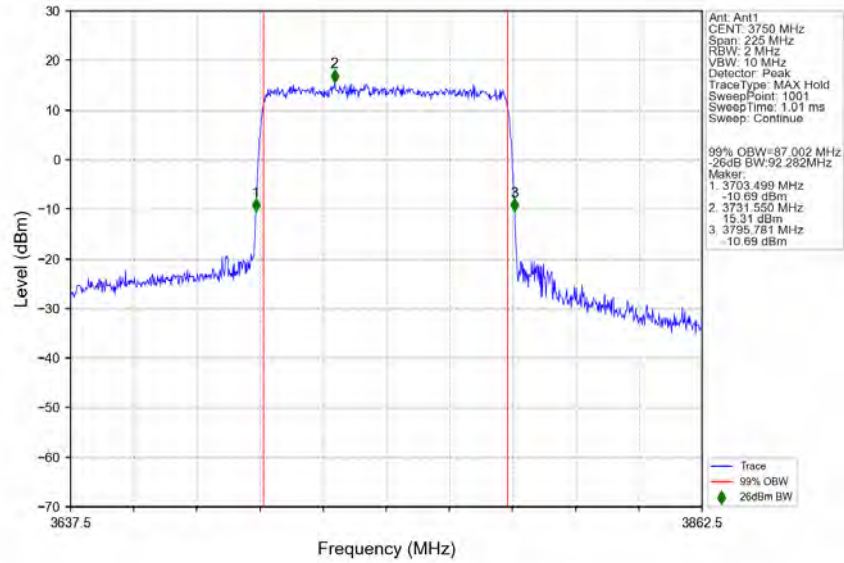
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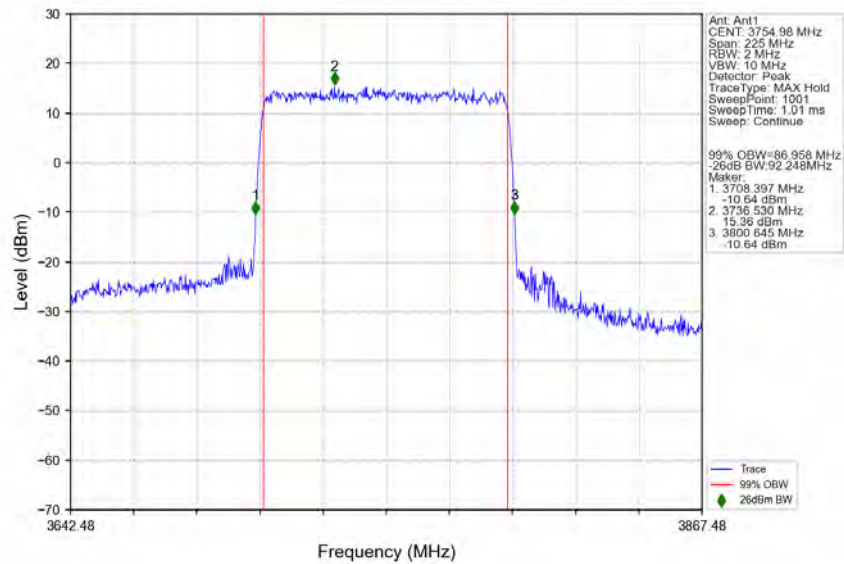
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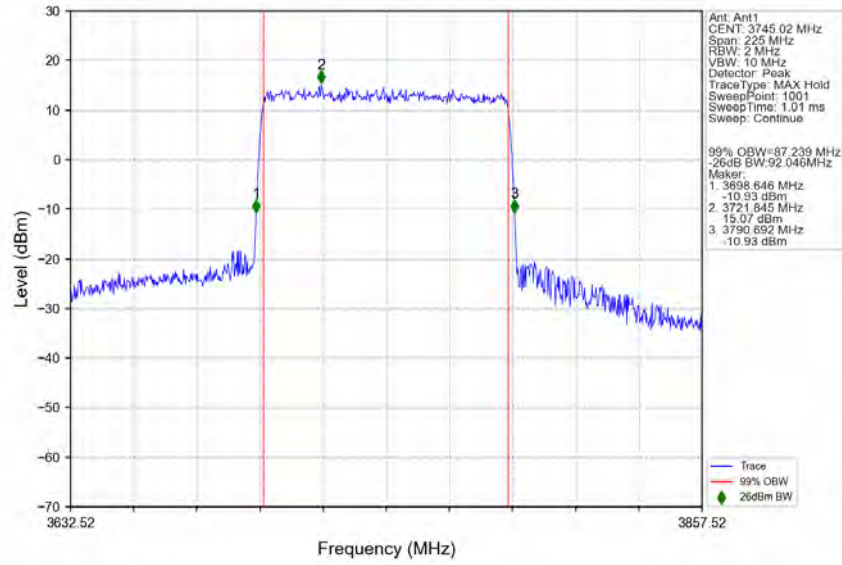
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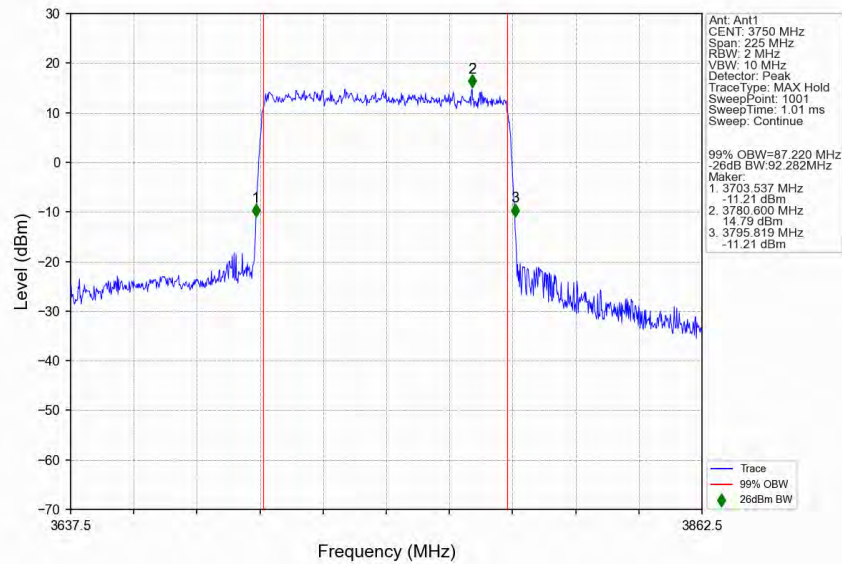
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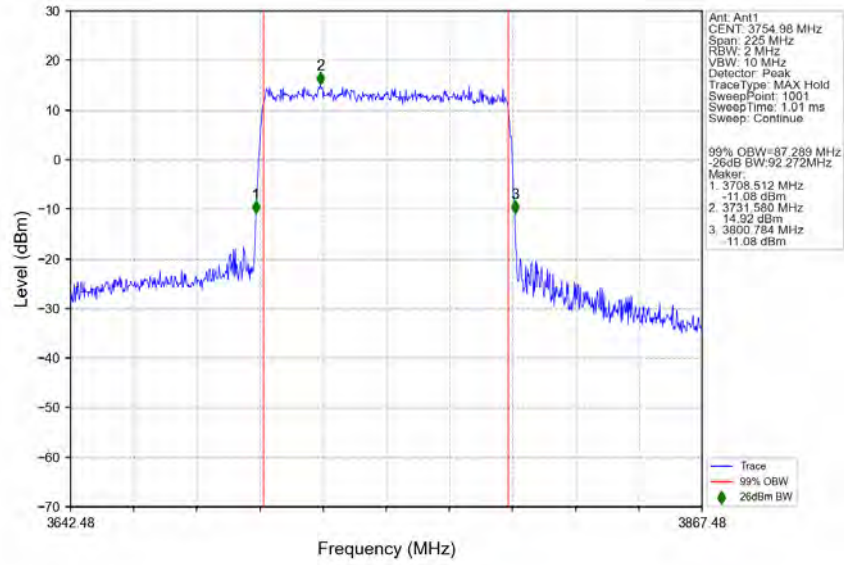
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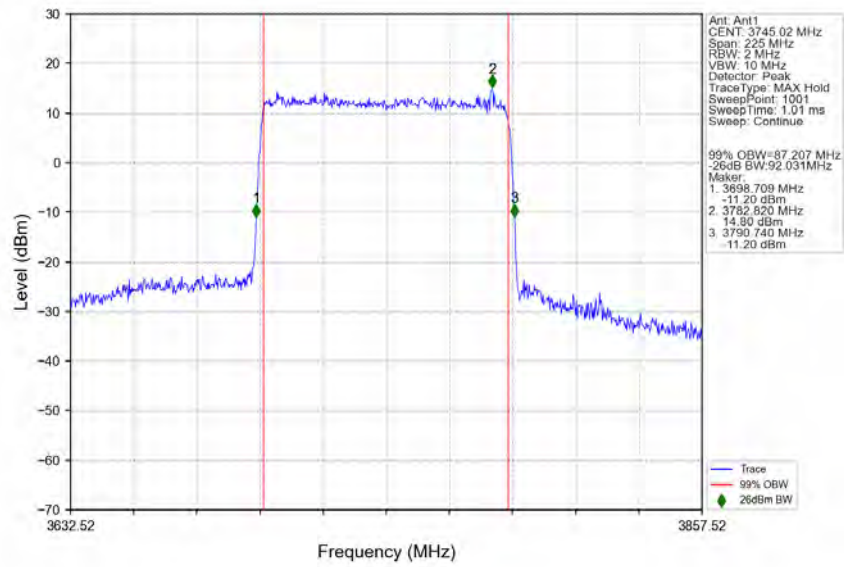
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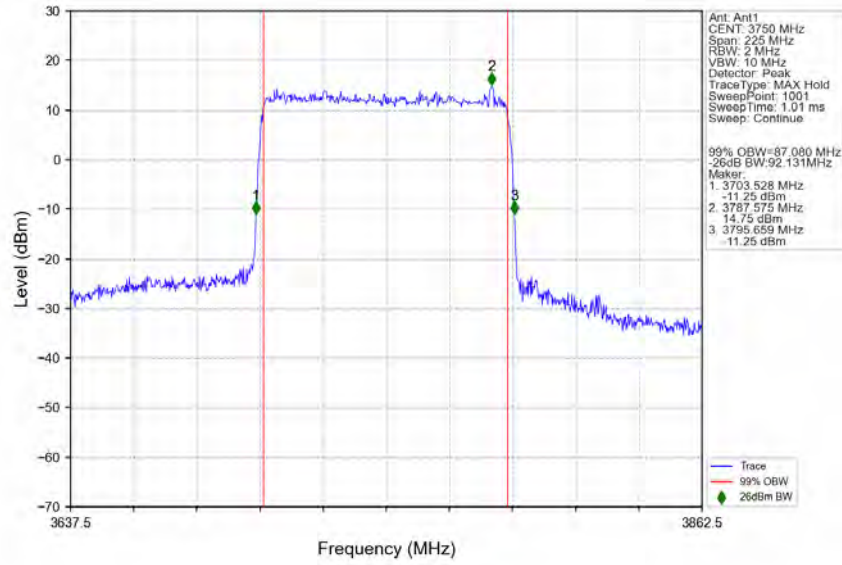
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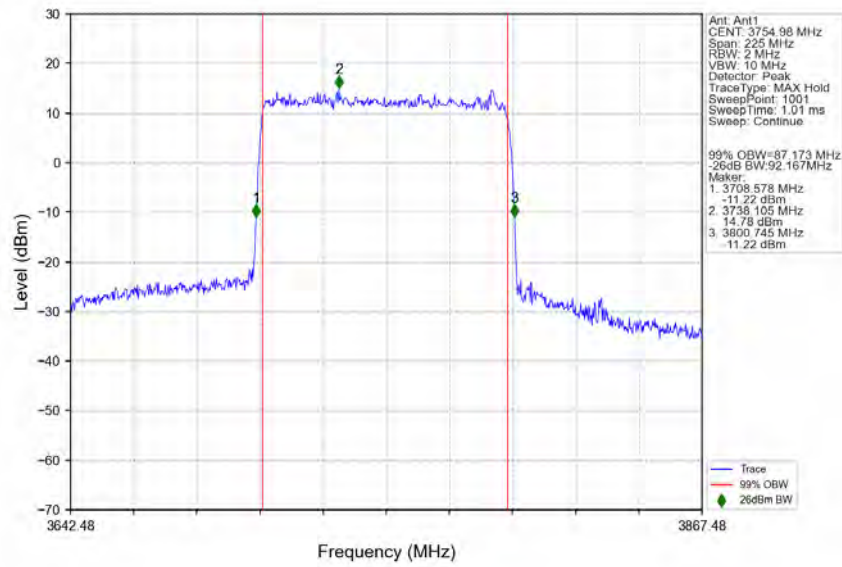
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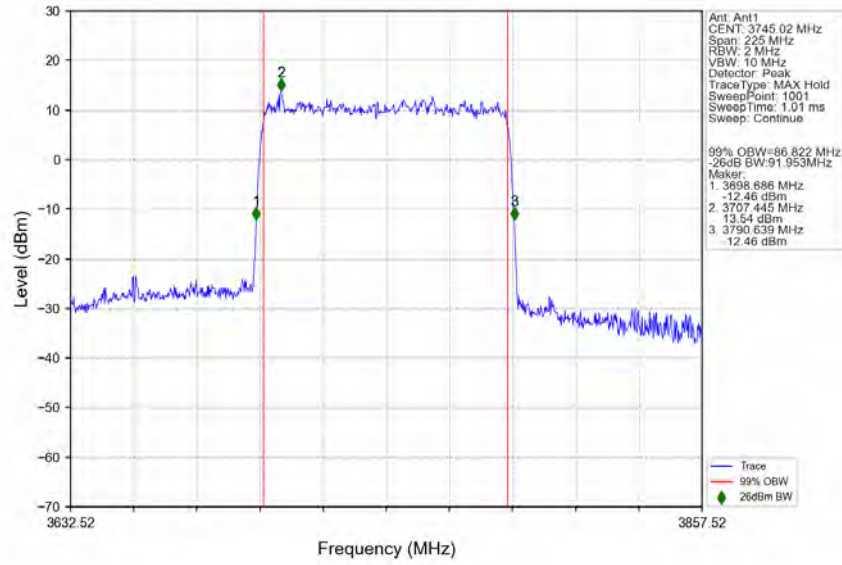
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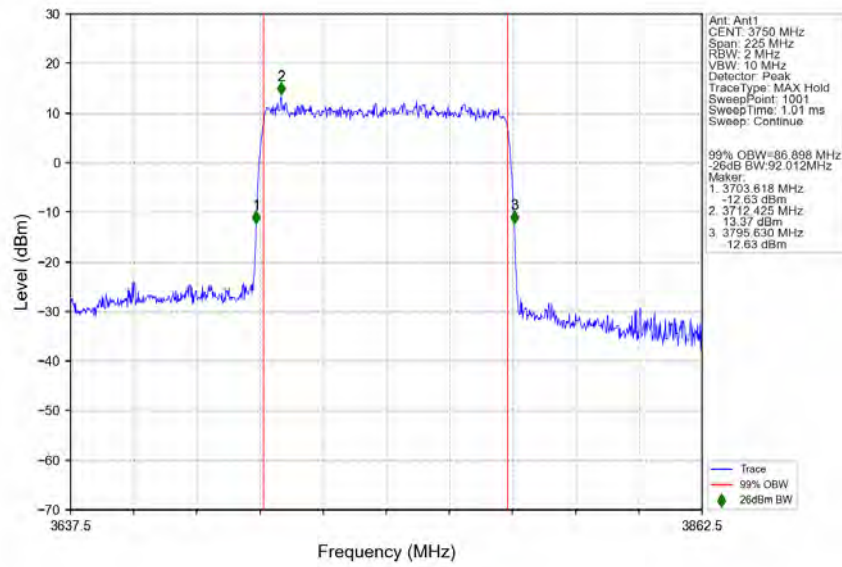
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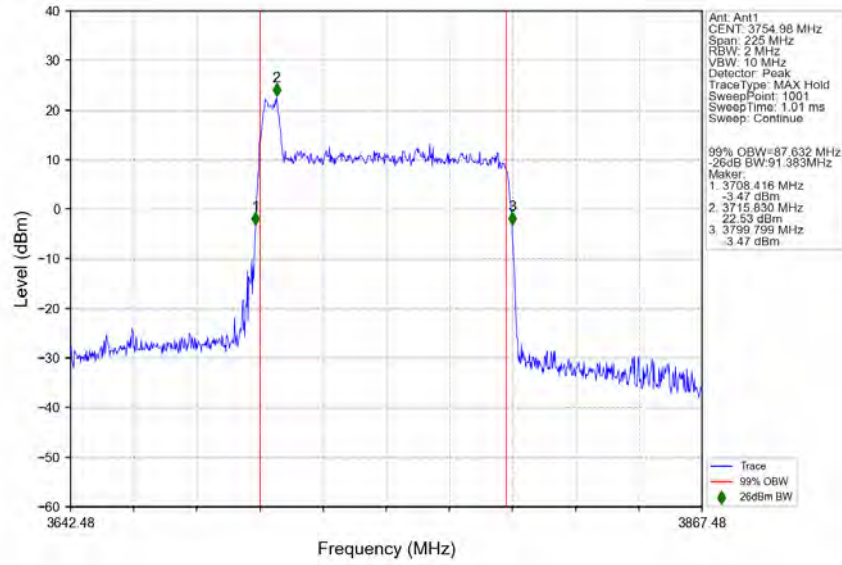


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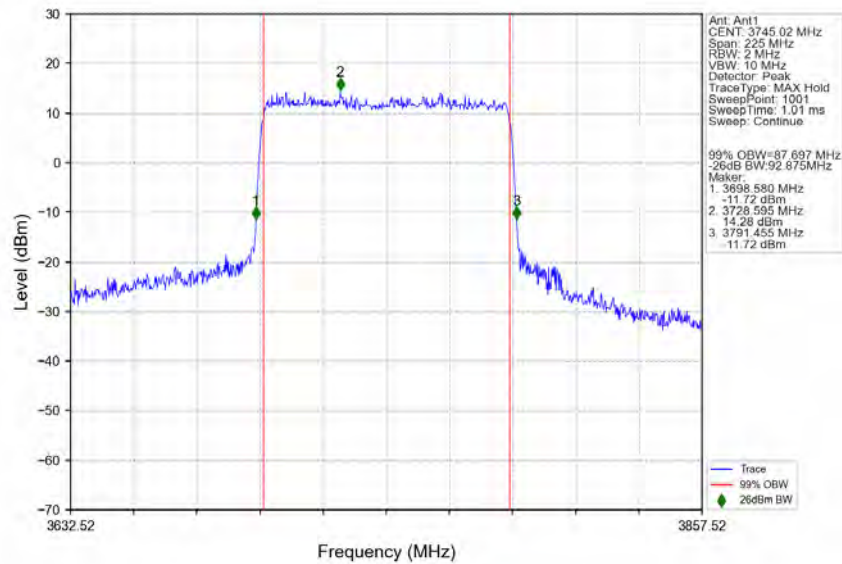




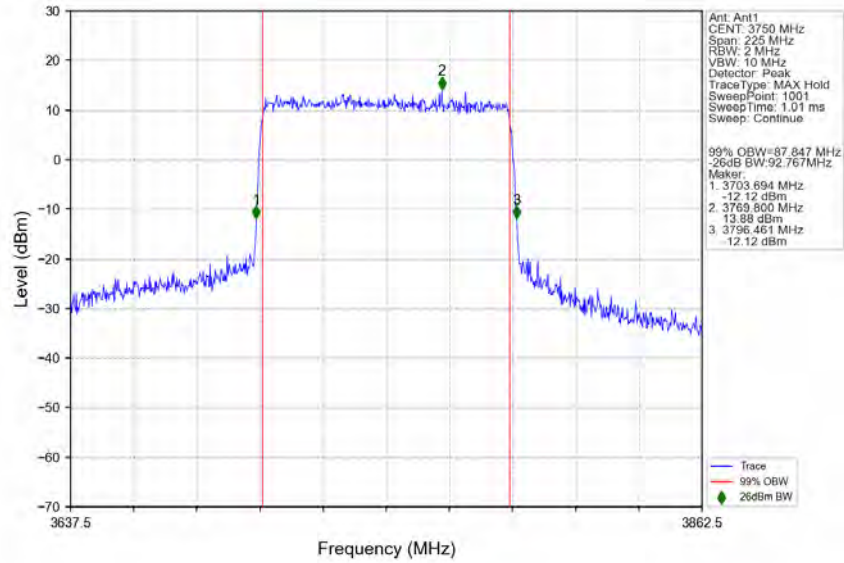
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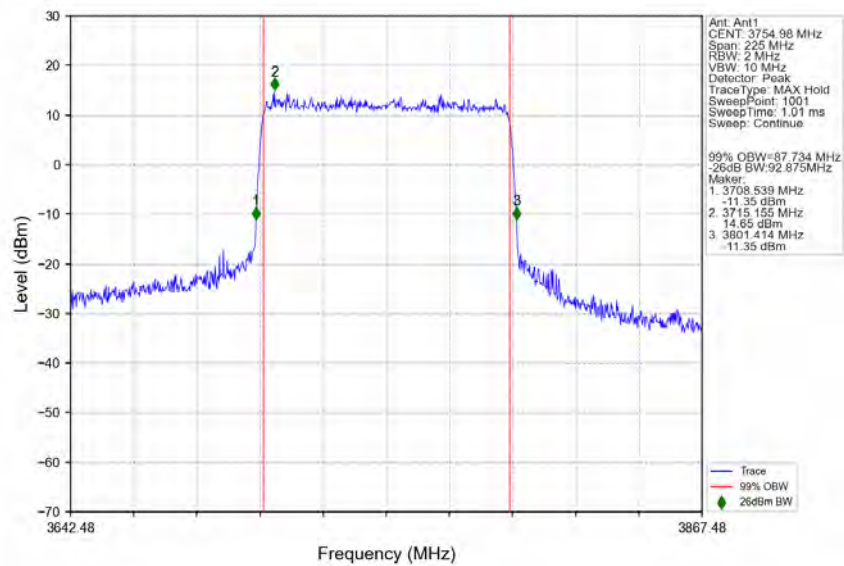
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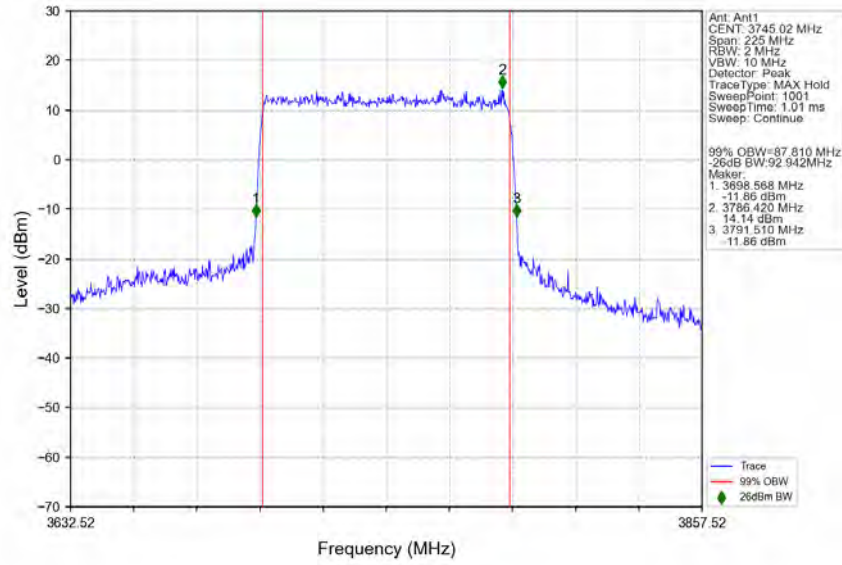
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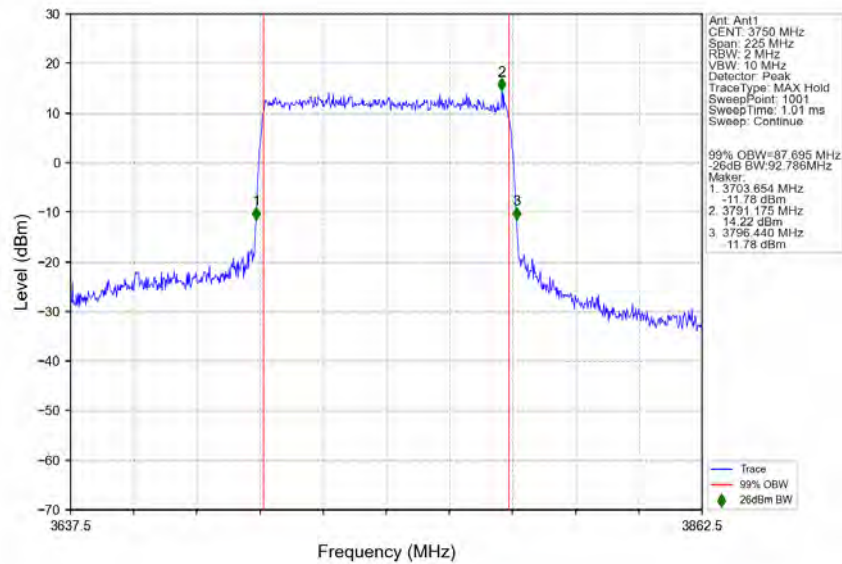
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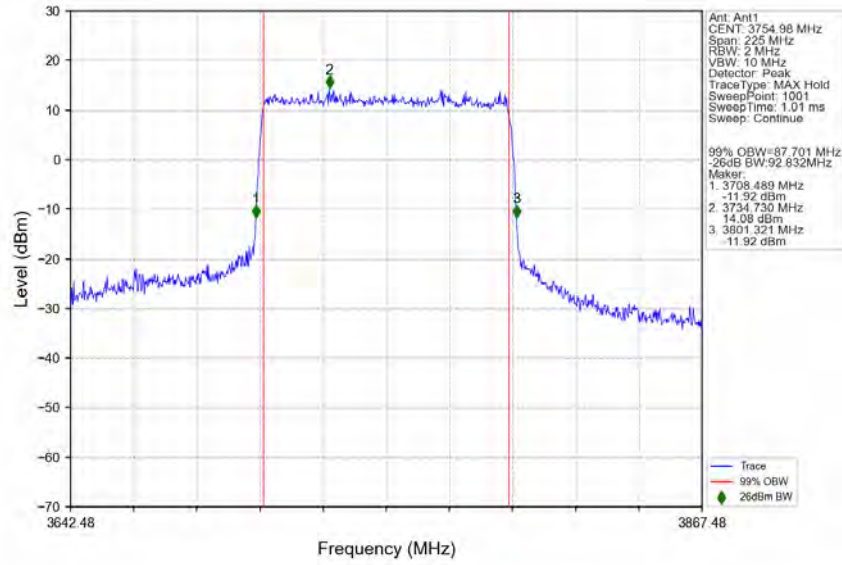
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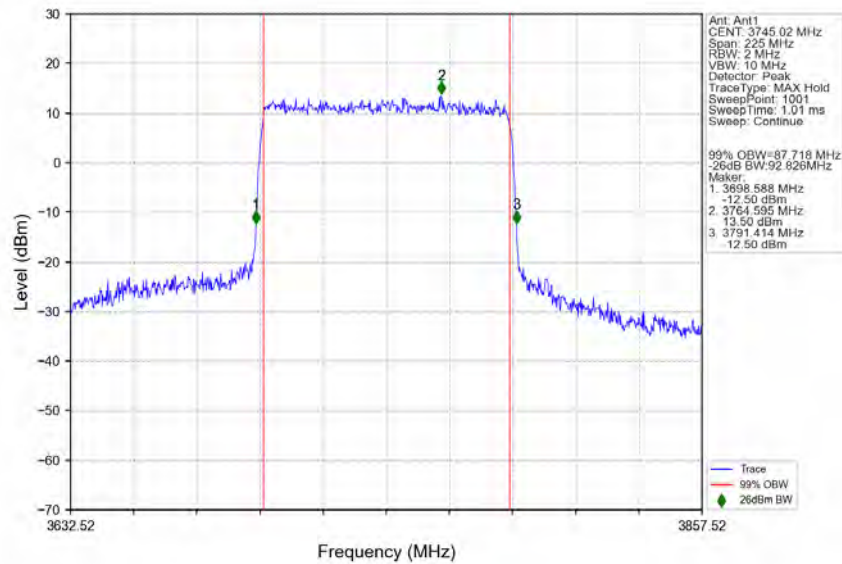
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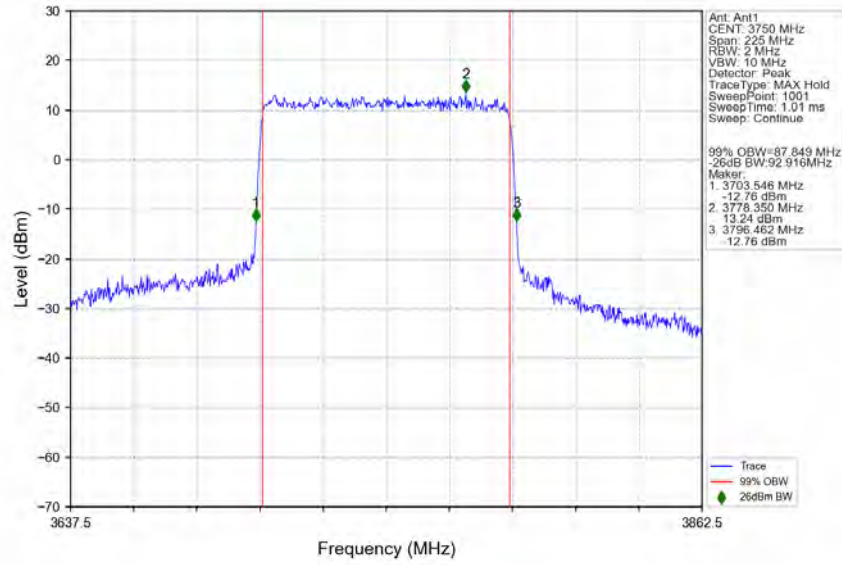
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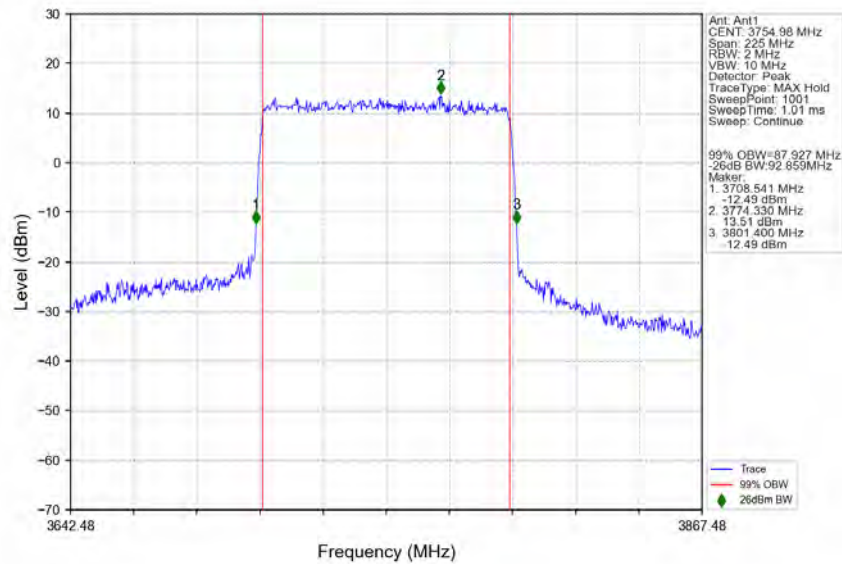
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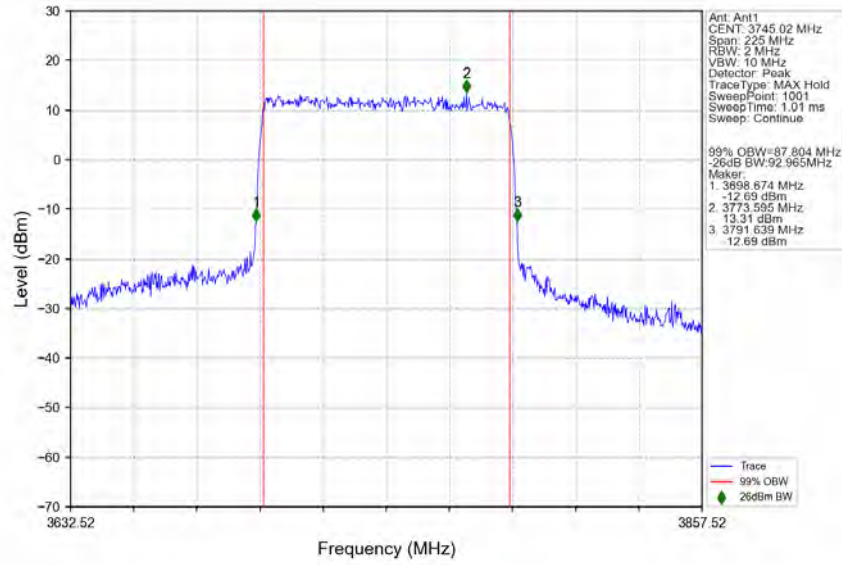
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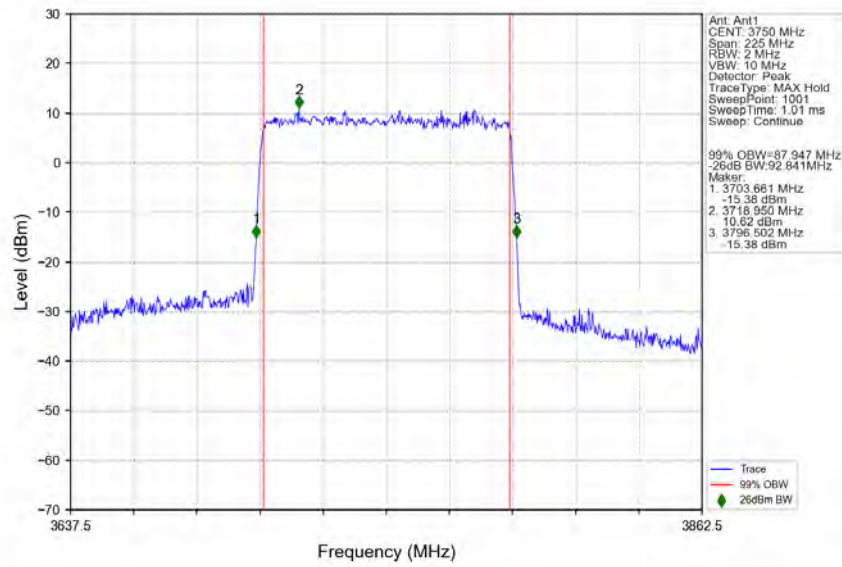
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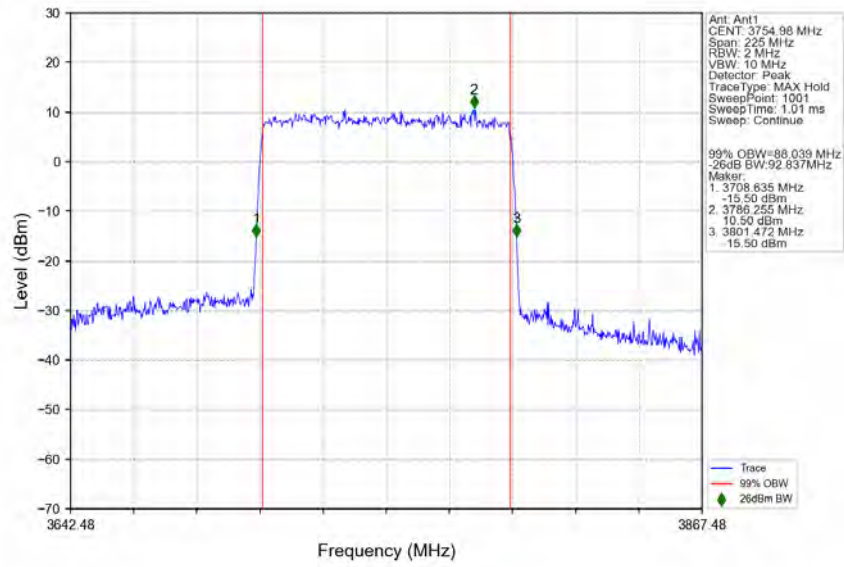


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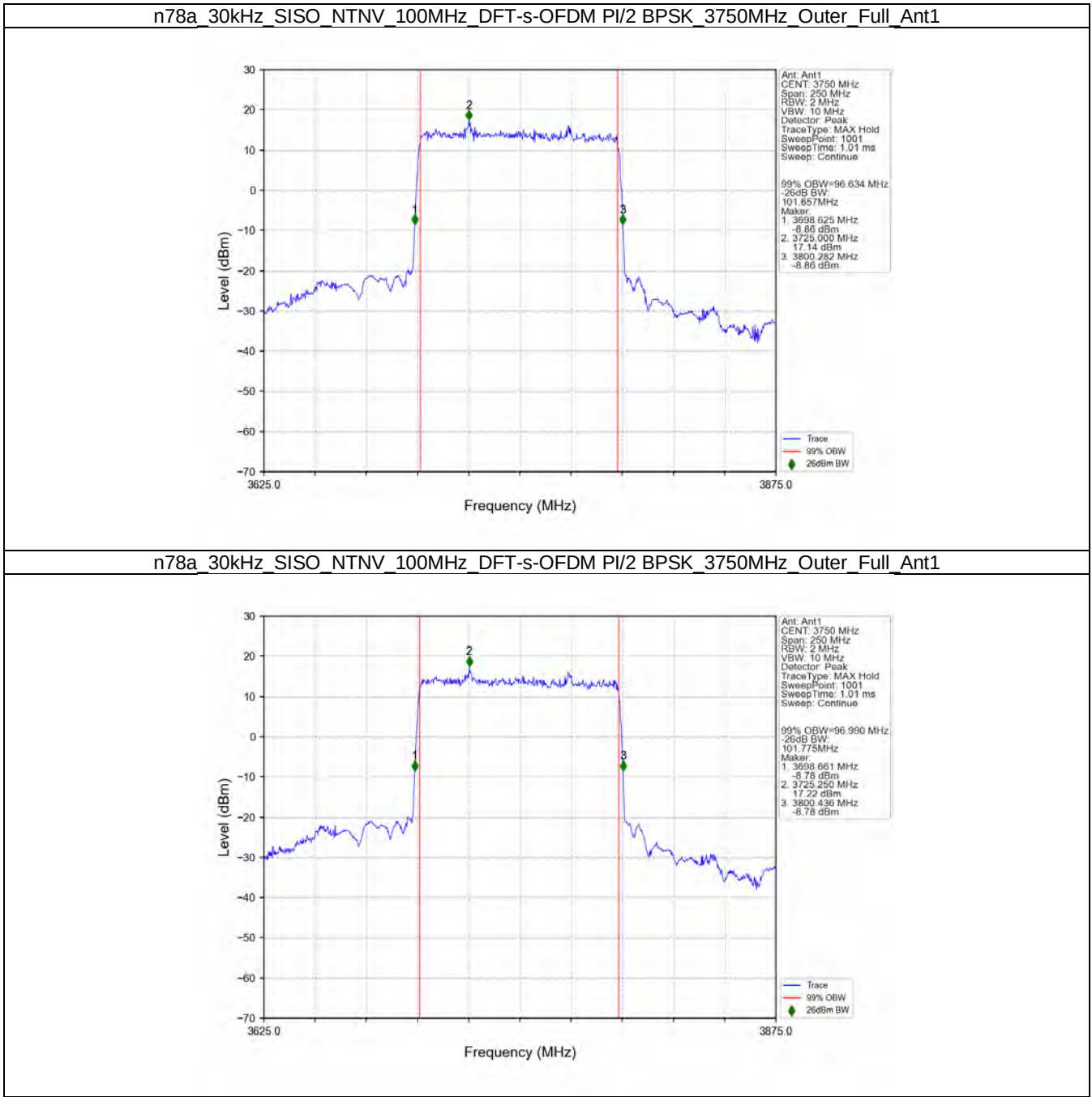




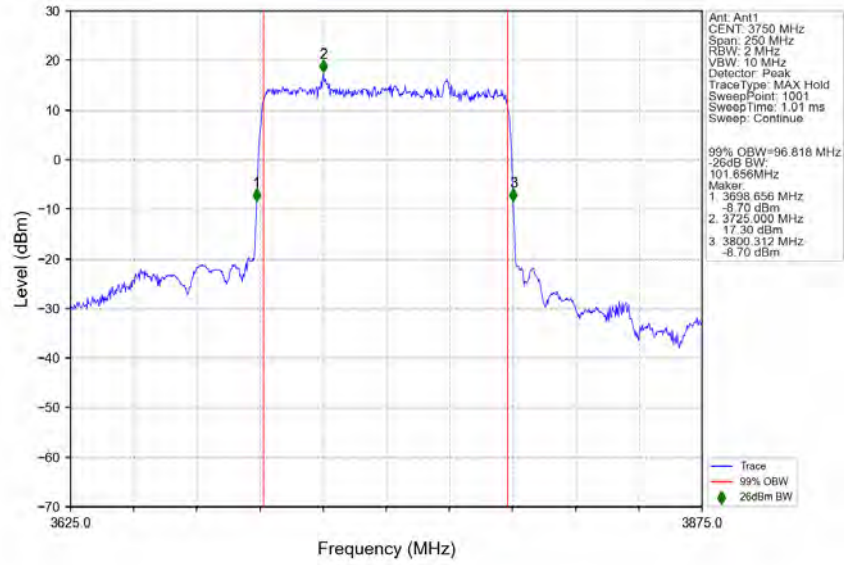
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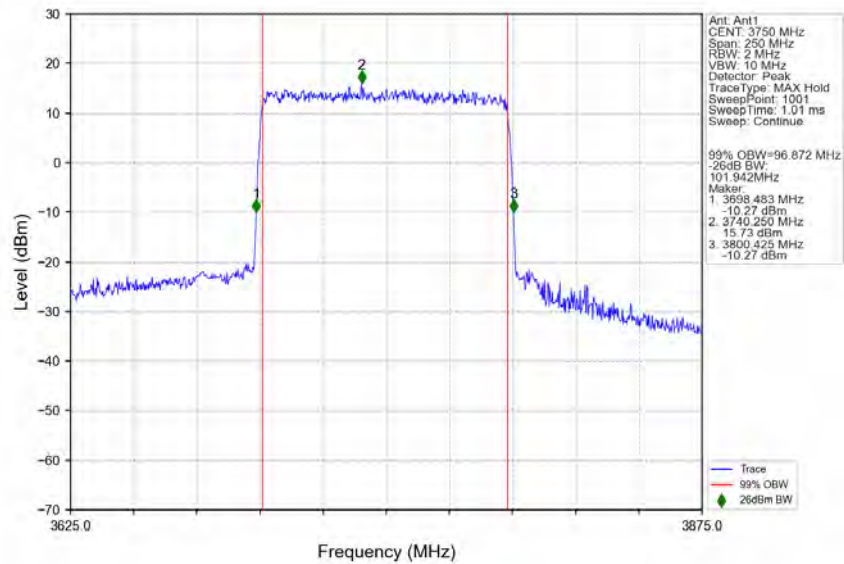
3.2.9 30k\_SISO\_100MHz\_NTNV



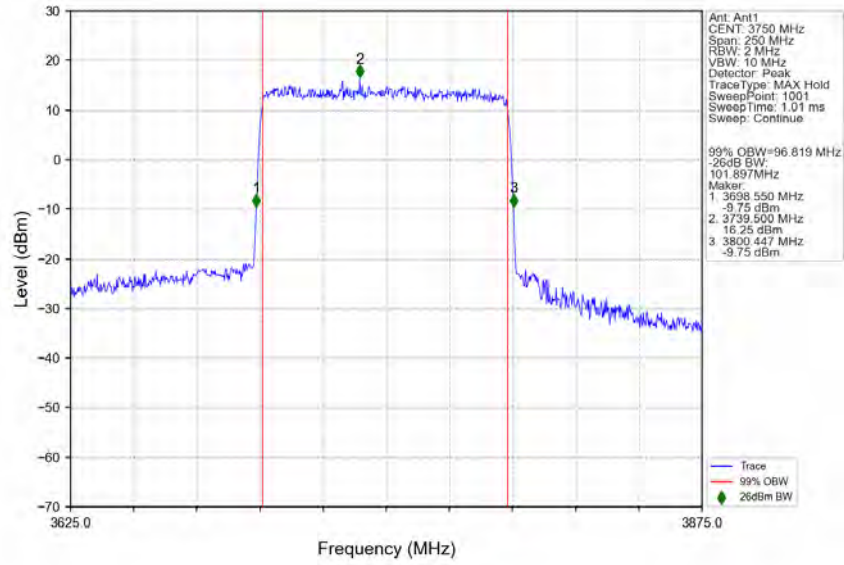
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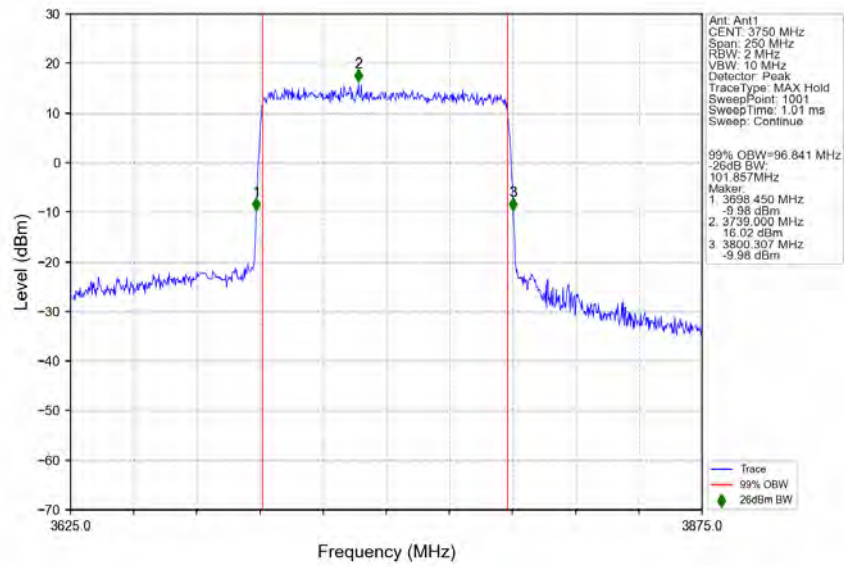
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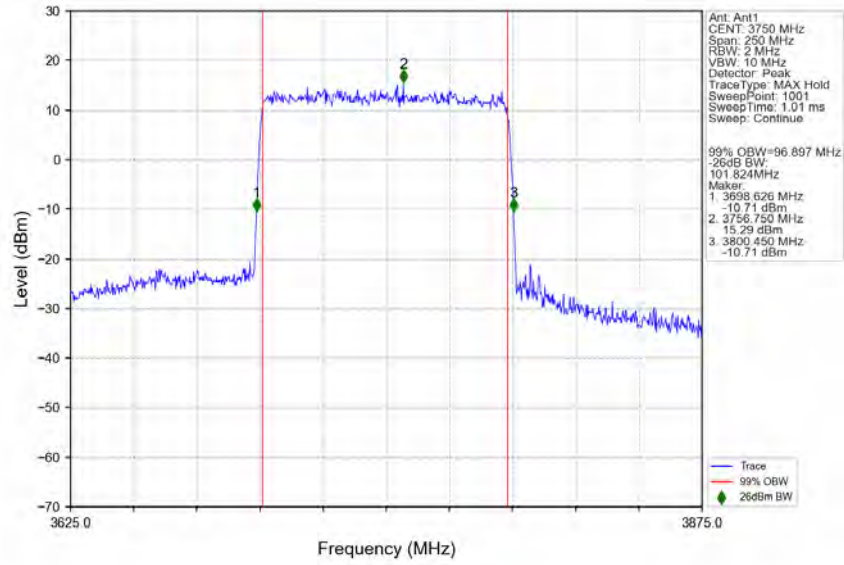
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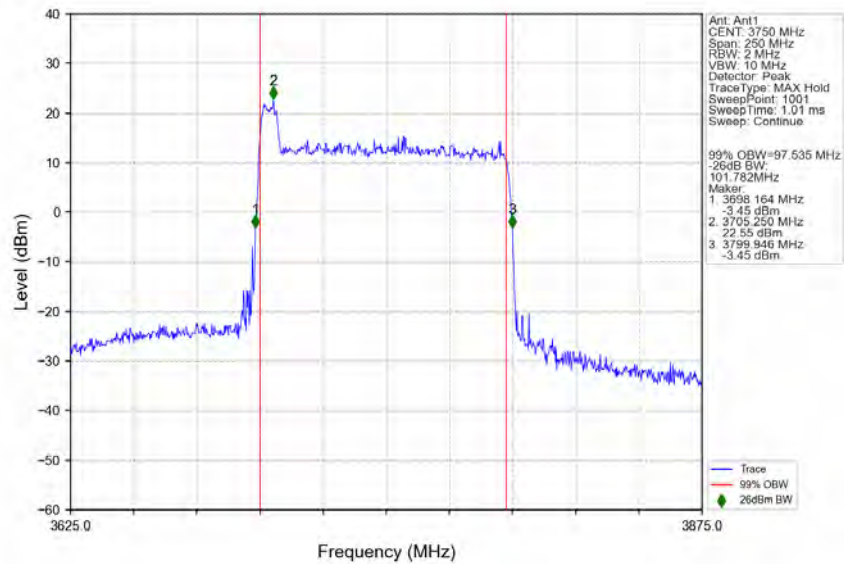
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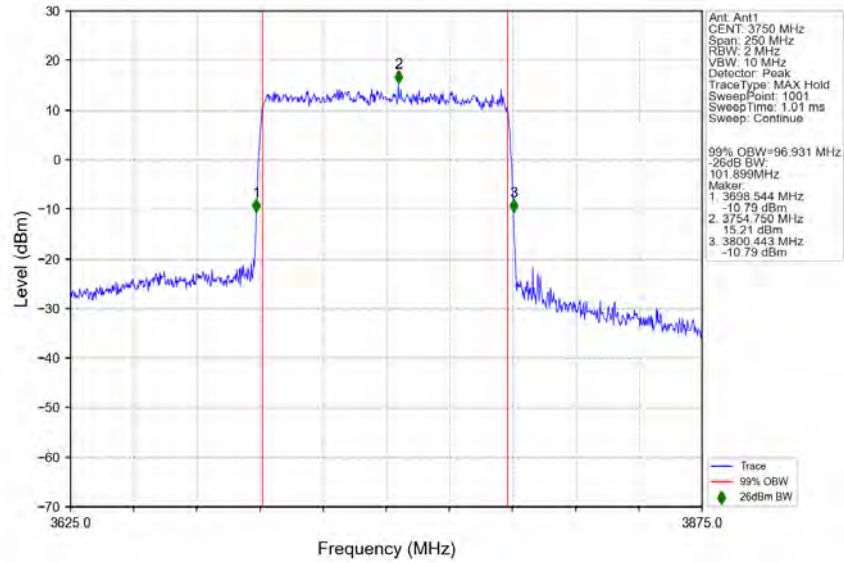
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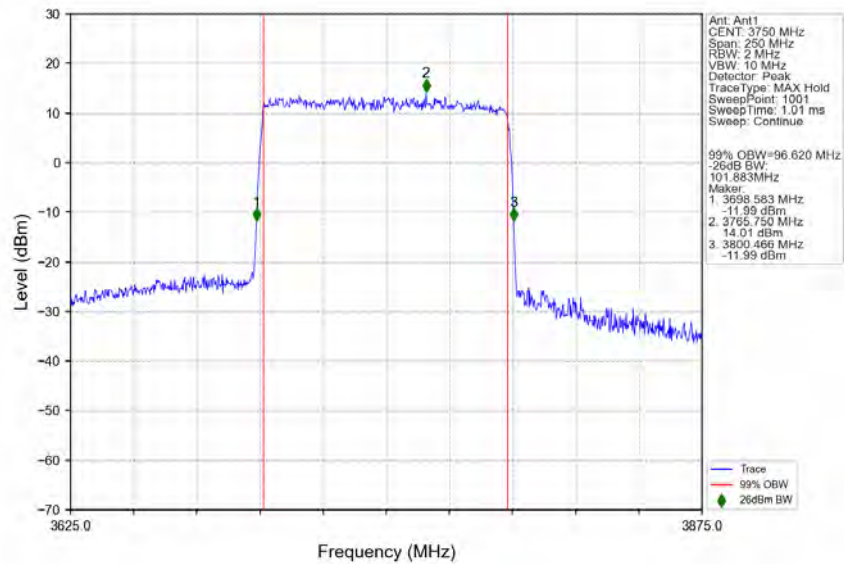
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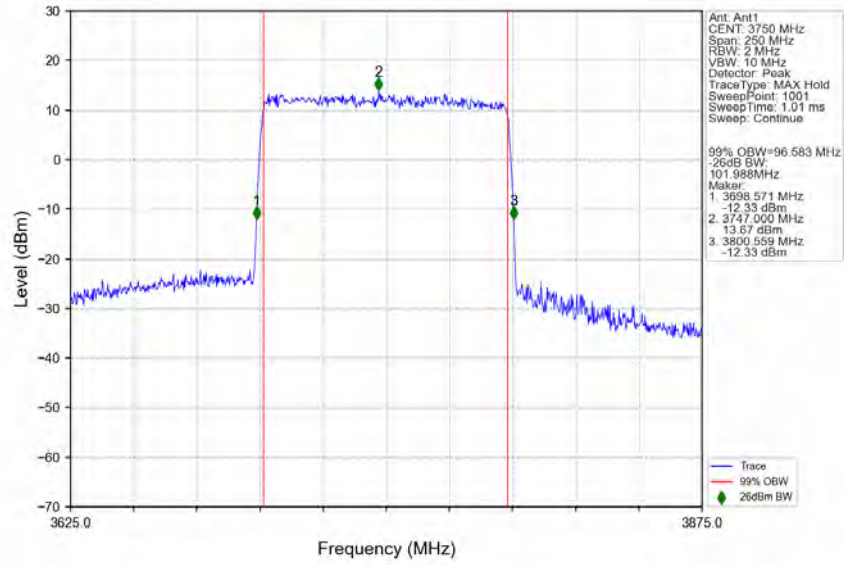


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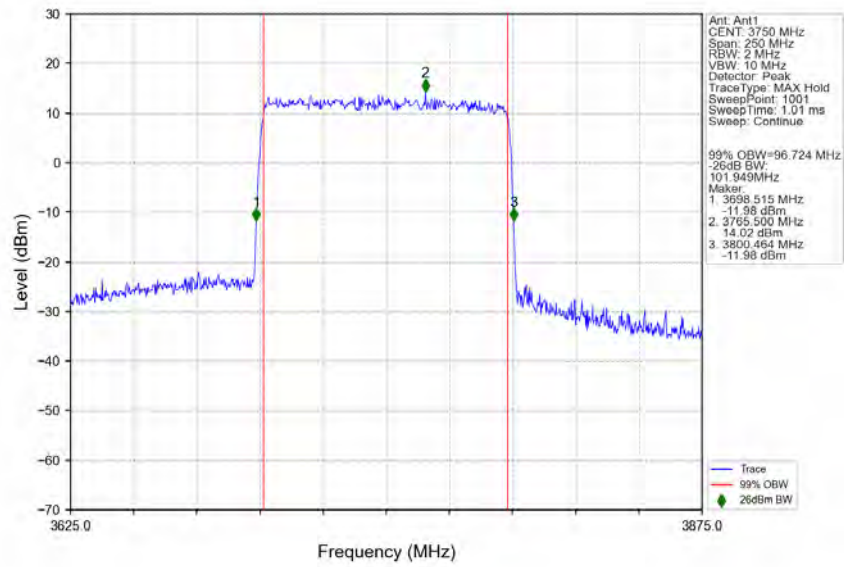




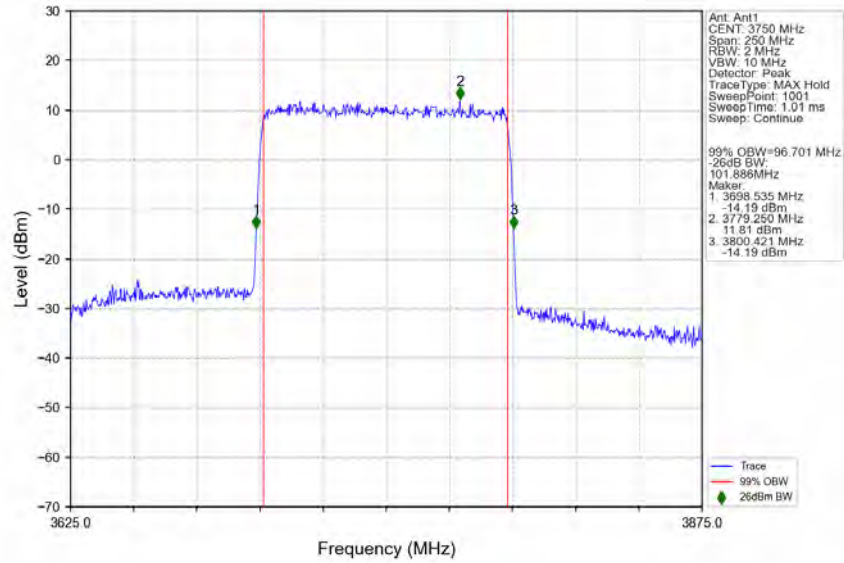
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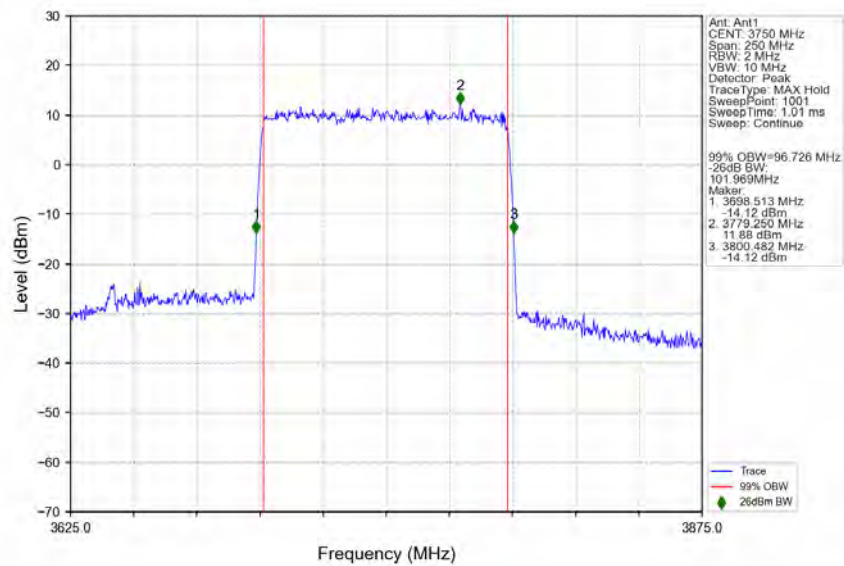
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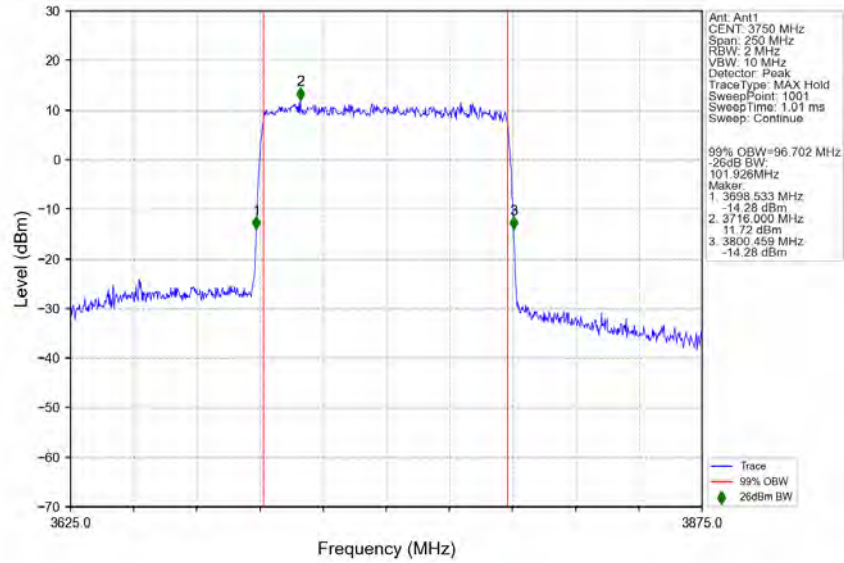
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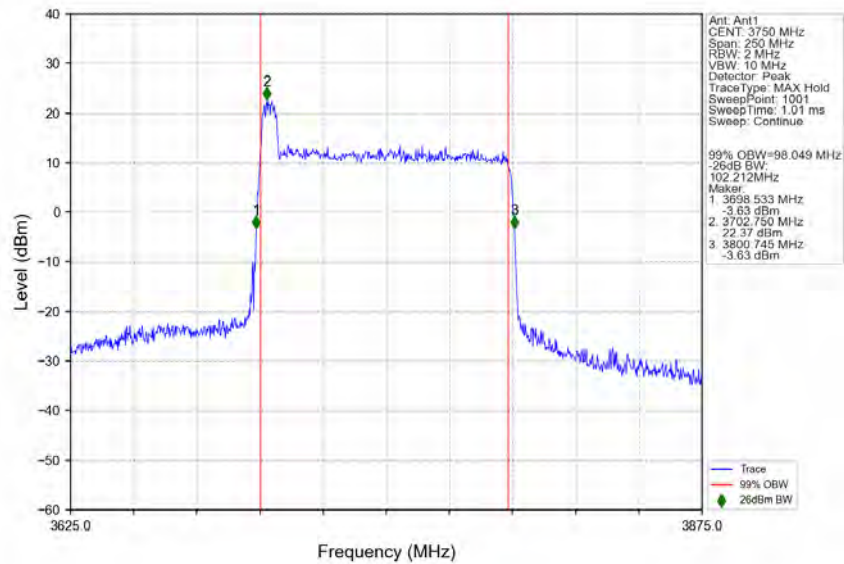
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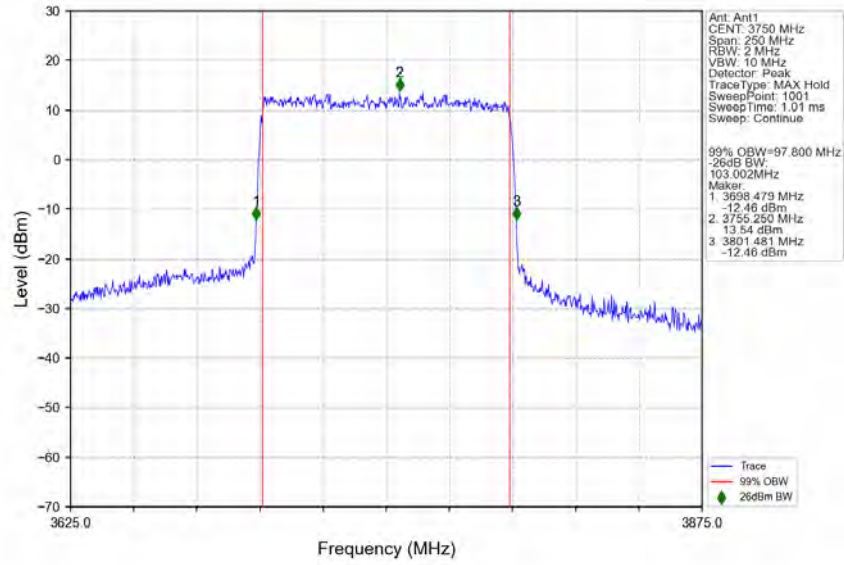
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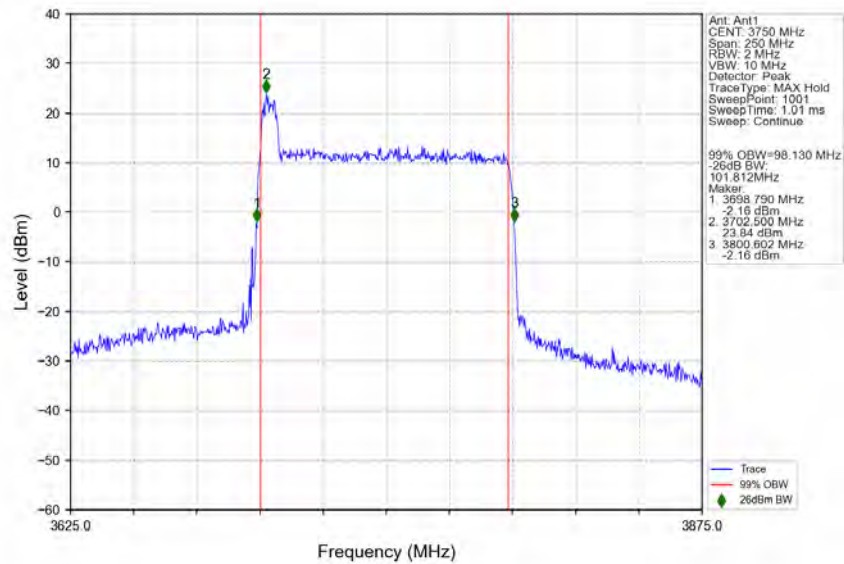
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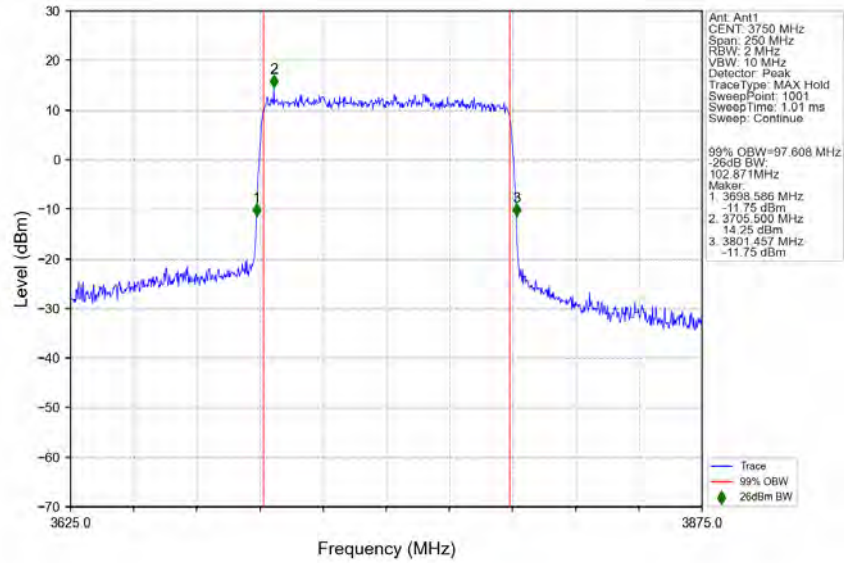
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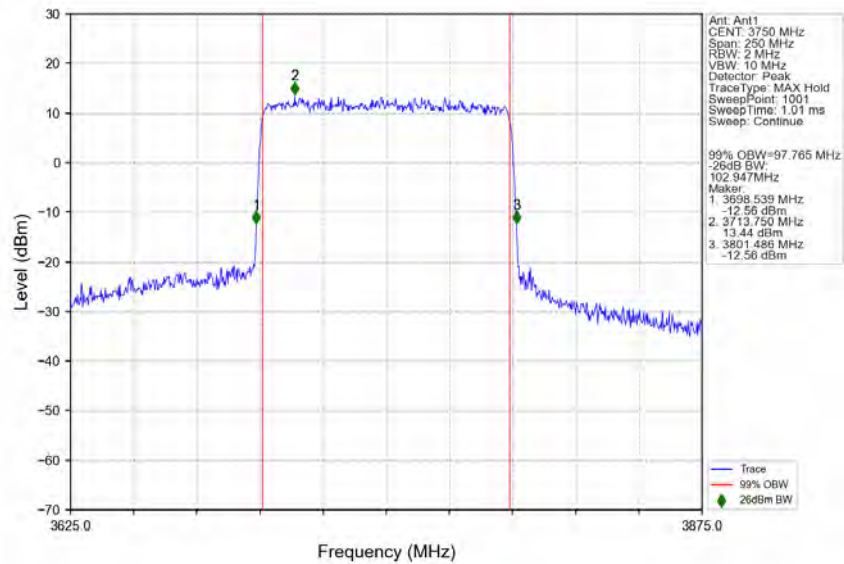
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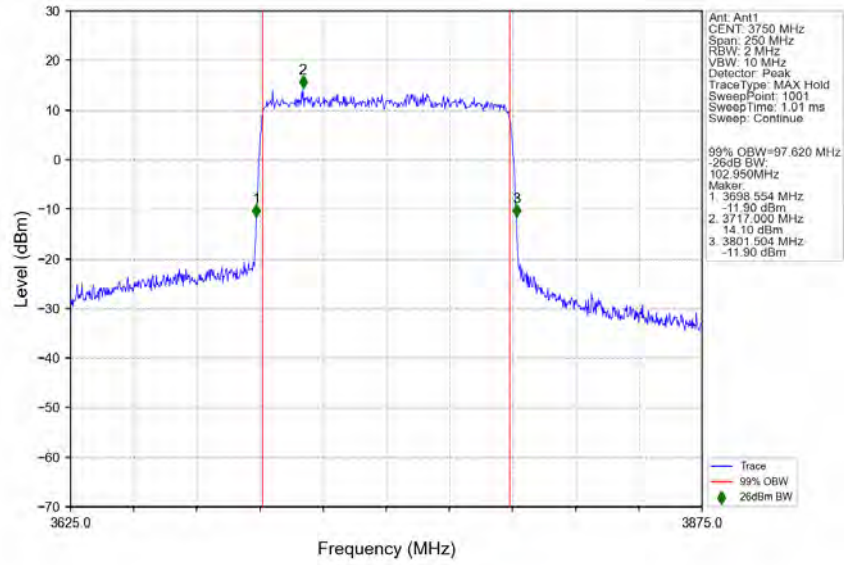
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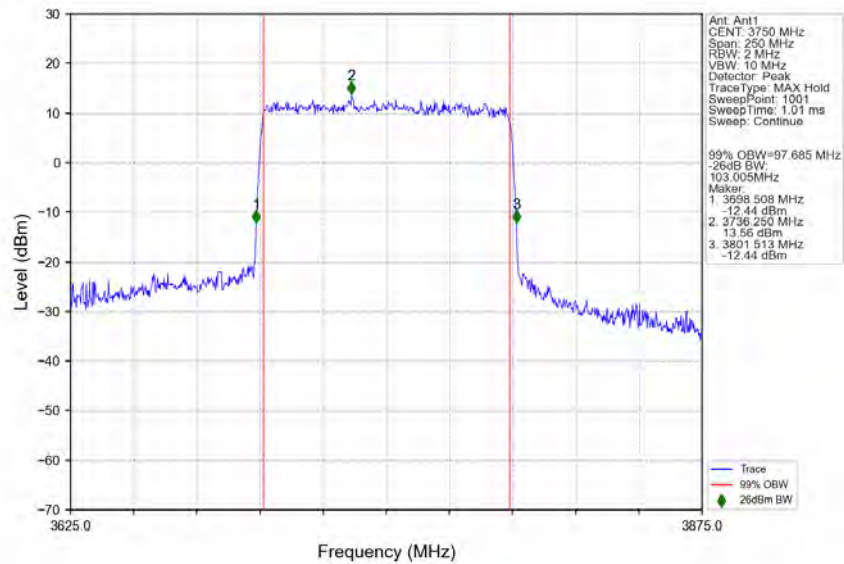
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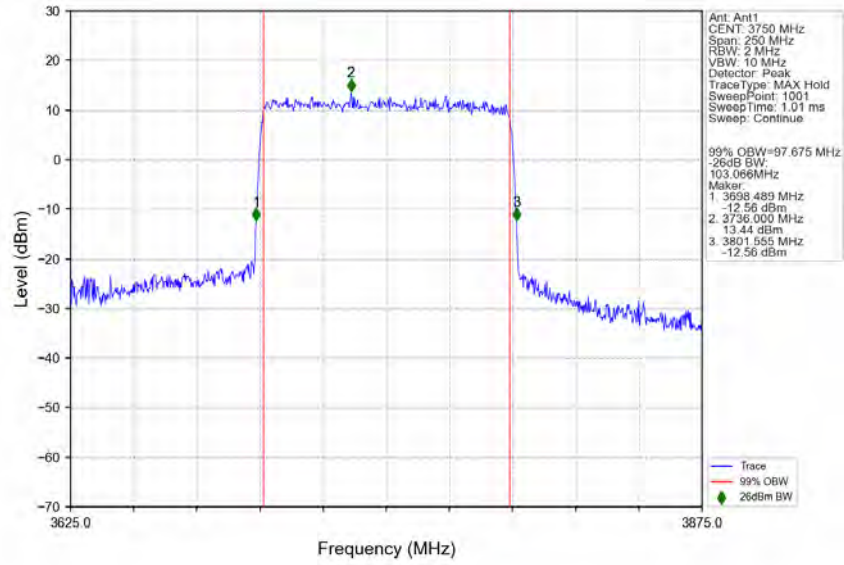


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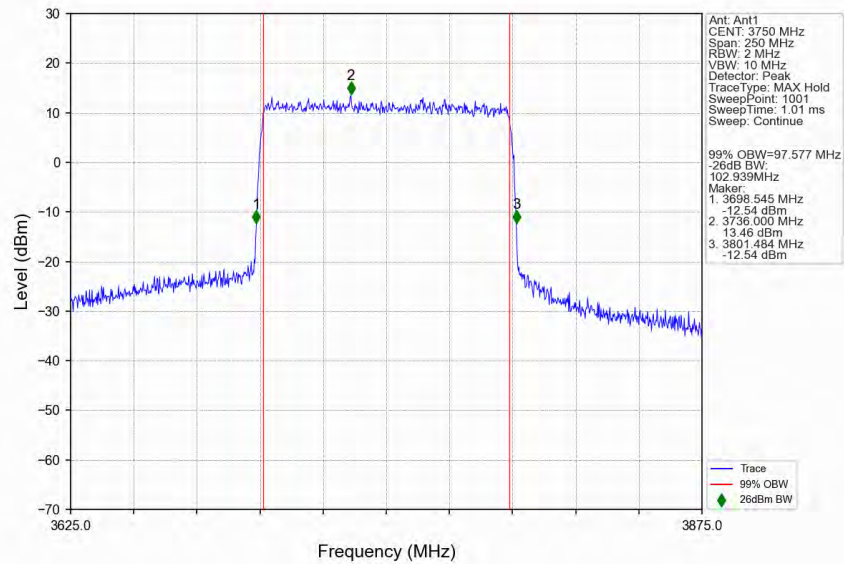




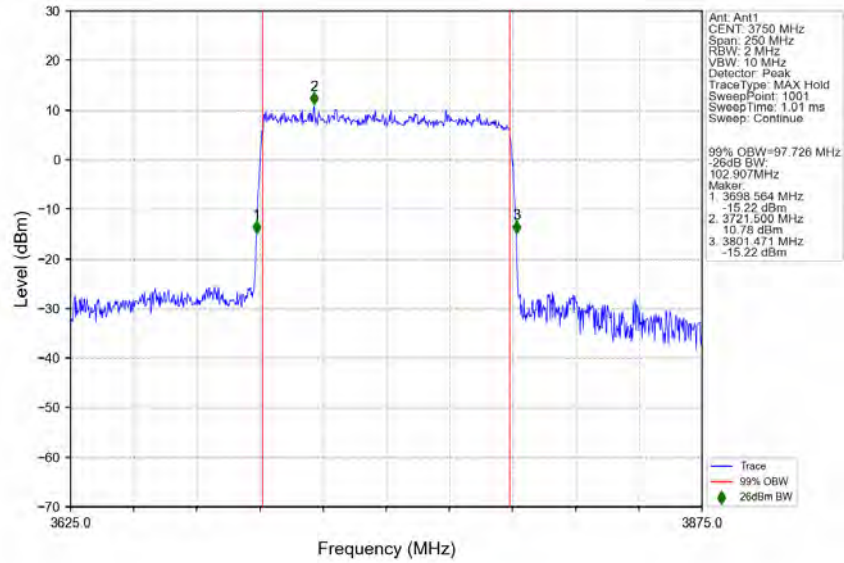
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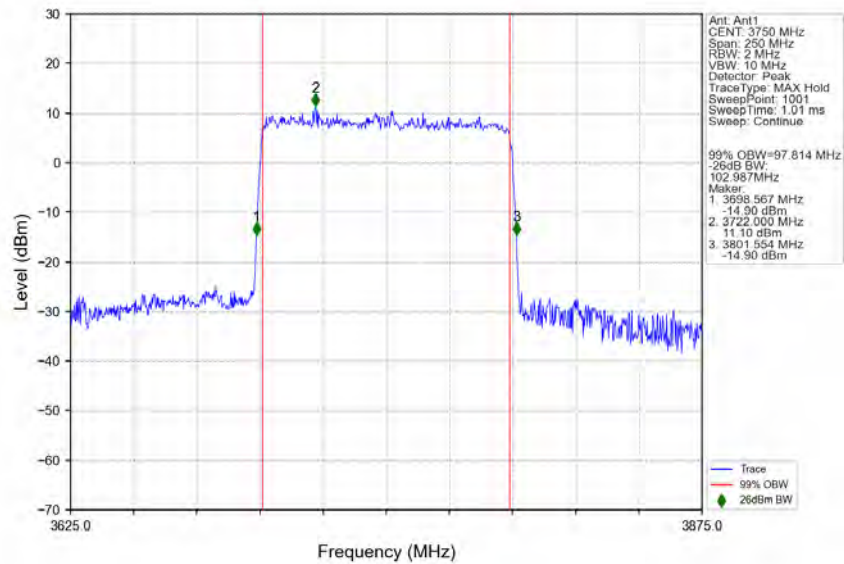
n78a 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



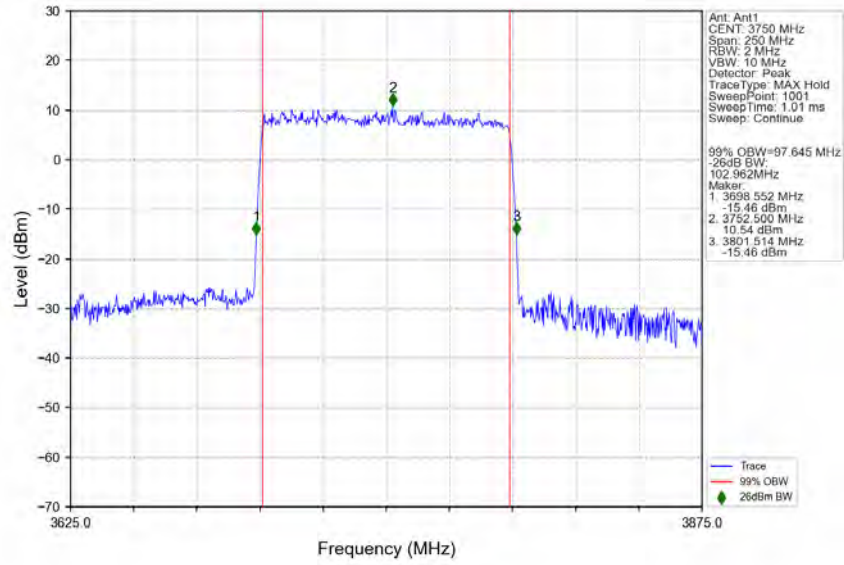
n78a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_256\_QAM\_3750MHz\_Outer\_Full\_Ant1



n78a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_256\_QAM\_3750MHz\_Outer\_Full\_Ant1



n78a 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1



## 4. Peak-Average Ratio

### 4.1 Test Result

#### 4.1.1 30k\_SISO\_20MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 20MHz NTN |                 |               |                         |      |     |       |         |
|-------------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                     |                 |               | Ant1                    | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3710.01         | Outer_Full    | 9.90                    | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 9.92                    | /    | /   | <=13  | Pass    |
|                                     | 3789.99         | Outer_Full    | 9.92                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                     | 3710.01         | Outer_Full    | 10.06                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.08                   | /    | /   | <=13  | Pass    |
|                                     | 3789.99         | Outer_Full    | 10.06                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3710.01         | Outer_Full    | 10.26                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.26                   | /    | /   | <=13  | Pass    |
|                                     | 3789.99         | Outer_Full    | 10.26                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 64 QAM                   | 3710.01         | Outer_Full    | 10.28                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.28                   | /    | /   | <=13  | Pass    |
|                                     | 3789.99         | Outer_Full    | 10.30                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 256 QAM                  | 3710.01         | Outer_Full    | 10.30                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.30                   | /    | /   | <=13  | Pass    |
|                                     | 3789.99         | Outer_Full    | 10.30                   | /    | /   | <=13  | Pass    |
| CP-OFDM QPSK                        | 3710.01         | Outer_Full    | 10.62                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.60                   | /    | /   | <=13  | Pass    |
|                                     | 3789.99         | Outer_Full    | 10.60                   | /    | /   | <=13  | Pass    |
| CP-OFDM 16 QAM                      | 3710.01         | Outer_Full    | 10.60                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.60                   | /    | /   | <=13  | Pass    |
|                                     | 3789.99         | Outer_Full    | 10.62                   | /    | /   | <=13  | Pass    |
| CP-OFDM 64 QAM                      | 3710.01         | Outer_Full    | 10.64                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.62                   | /    | /   | <=13  | Pass    |
|                                     | 3789.99         | Outer_Full    | 10.62                   | /    | /   | <=13  | Pass    |
| CP-OFDM 256 QAM                     | 3710.01         | Outer_Full    | 10.90                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.88                   | /    | /   | <=13  | Pass    |
|                                     | 3789.99         | Outer_Full    | 10.90                   | /    | /   | <=13  | Pass    |

#### 4.1.2 30k\_SISO\_30MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 30MHz NTN |                 |               |                         |      |     |       |         |
|-------------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                     |                 |               | Ant1                    | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3715.02         | Outer_Full    | 10.14                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.16                   | /    | /   | <=13  | Pass    |
|                                     | 3784.98         | Outer_Full    | 10.30                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                     | 3715.02         | Outer_Full    | 10.52                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.54                   | /    | /   | <=13  | Pass    |
|                                     | 3784.98         | Outer_Full    | 10.56                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3715.02         | Outer_Full    | 10.44                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.44                   | /    | /   | <=13  | Pass    |
|                                     | 3784.98         | Outer_Full    | 10.44                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 64 QAM                   | 3715.02         | Outer_Full    | 10.46                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.44                   | /    | /   | <=13  | Pass    |
|                                     | 3784.98         | Outer_Full    | 10.44                   | /    | /   | <=13  | Pass    |

|                    |         |            |       |   |   |      |      |
|--------------------|---------|------------|-------|---|---|------|------|
| DFT-s-OFDM 256 QAM | 3715.02 | Outer_Full | 10.42 | / | / | <=13 | Pass |
|                    | 3750    | Outer_Full | 10.42 | / | / | <=13 | Pass |
|                    | 3784.98 | Outer_Full | 10.42 | / | / | <=13 | Pass |
| CP-OFDM QPSK       | 3715.02 | Outer_Full | 10.68 | / | / | <=13 | Pass |
|                    | 3750    | Outer_Full | 10.66 | / | / | <=13 | Pass |
|                    | 3784.98 | Outer_Full | 10.66 | / | / | <=13 | Pass |
| CP-OFDM 16 QAM     | 3715.02 | Outer_Full | 10.68 | / | / | <=13 | Pass |
|                    | 3750    | Outer_Full | 10.66 | / | / | <=13 | Pass |
|                    | 3784.98 | Outer_Full | 10.66 | / | / | <=13 | Pass |
| CP-OFDM 64 QAM     | 3715.02 | Outer_Full | 10.70 | / | / | <=13 | Pass |
|                    | 3750    | Outer_Full | 10.68 | / | / | <=13 | Pass |
|                    | 3784.98 | Outer_Full | 10.68 | / | / | <=13 | Pass |
| CP-OFDM 256 QAM    | 3715.02 | Outer_Full | 12.12 | / | / | <=13 | Pass |
|                    | 3750    | Outer_Full | 10.90 | / | / | <=13 | Pass |
|                    | 3784.98 | Outer_Full | 10.90 | / | / | <=13 | Pass |

#### 4.1.3 30k\_SISO\_40MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 40MHz NTN |                 |               |                         |      |     |       |         |
|-------------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                     |                 |               | Ant1                    | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3720            | Outer_Full    | 10.16                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.18                   | /    | /   | <=13  | Pass    |
|                                     | 3780            | Outer_Full    | 10.20                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                     | 3720            | Outer_Full    | 10.62                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.60                   | /    | /   | <=13  | Pass    |
|                                     | 3780            | Outer_Full    | 10.60                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3720            | Outer_Full    | 10.78                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.76                   | /    | /   | <=13  | Pass    |
|                                     | 3780            | Outer_Full    | 10.78                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 64 QAM                   | 3720            | Outer_Full    | 10.82                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.80                   | /    | /   | <=13  | Pass    |
|                                     | 3780            | Outer_Full    | 10.80                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 256 QAM                  | 3720            | Outer_Full    | 10.82                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.80                   | /    | /   | <=13  | Pass    |
|                                     | 3780            | Outer_Full    | 10.80                   | /    | /   | <=13  | Pass    |
| CP-OFDM QPSK                        | 3720            | Outer_Full    | 11.20                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 11.16                   | /    | /   | <=13  | Pass    |
|                                     | 3780            | Outer_Full    | 11.16                   | /    | /   | <=13  | Pass    |
| CP-OFDM 16 QAM                      | 3720            | Outer_Full    | 11.18                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 11.16                   | /    | /   | <=13  | Pass    |
|                                     | 3780            | Outer_Full    | 11.16                   | /    | /   | <=13  | Pass    |
| CP-OFDM 64 QAM                      | 3720            | Outer_Full    | 11.22                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 11.20                   | /    | /   | <=13  | Pass    |
|                                     | 3780            | Outer_Full    | 11.20                   | /    | /   | <=13  | Pass    |
| CP-OFDM 256 QAM                     | 3720            | Outer_Full    | 11.48                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 11.44                   | /    | /   | <=13  | Pass    |
|                                     | 3780            | Outer_Full    | 11.42                   | /    | /   | <=13  | Pass    |

#### 4.1.4 30k\_SISO\_50MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 50MHz NTN |                 |               |                         |      |     |       |         |
|-------------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                     |                 |               | Ant1                    | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3725.01         | Outer_Full    | 9.28                    | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 11.60                   | /    | /   | <=13  | Pass    |

|                    |         |            |       |   |   |      |      |
|--------------------|---------|------------|-------|---|---|------|------|
|                    | 3774.99 | Outer_Full | 11.62 | / | / | <=13 | Pass |
| DFT-s-OFDM QPSK    | 3725.01 | Outer_Full | 11.80 | / | / | <=13 | Pass |
|                    | 3750    | Outer_Full | 11.78 | / | / | <=13 | Pass |
|                    | 3774.99 | Outer_Full | 11.80 | / | / | <=13 | Pass |
| DFT-s-OFDM 16 QAM  | 3725.01 | Outer_Full | 11.86 | / | / | <=13 | Pass |
|                    | 3750    | Outer_Full | 11.82 | / | / | <=13 | Pass |
|                    | 3774.99 | Outer_Full | 11.84 | / | / | <=13 | Pass |
| DFT-s-OFDM 64 QAM  | 3725.01 | Outer_Full | 11.82 | / | / | <=13 | Pass |
|                    | 3750    | Outer_Full | 11.80 | / | / | <=13 | Pass |
|                    | 3774.99 | Outer_Full | 11.82 | / | / | <=13 | Pass |
| DFT-s-OFDM 256 QAM | 3725.01 | Outer_Full | 11.68 | / | / | <=13 | Pass |
|                    | 3750    | Outer_Full | 11.66 | / | / | <=13 | Pass |
|                    | 3774.99 | Outer_Full | 11.68 | / | / | <=13 | Pass |
| CP-OFDM QPSK       | 3725.01 | Outer_Full | 12.16 | / | / | <=13 | Pass |
|                    | 3750    | Outer_Full | 12.12 | / | / | <=13 | Pass |
|                    | 3774.99 | Outer_Full | 12.12 | / | / | <=13 | Pass |
| CP-OFDM 16 QAM     | 3725.01 | Outer_Full | 12.14 | / | / | <=13 | Pass |
|                    | 3750    | Outer_Full | 12.10 | / | / | <=13 | Pass |
|                    | 3774.99 | Outer_Full | 12.12 | / | / | <=13 | Pass |
| CP-OFDM 64 QAM     | 3725.01 | Outer_Full | 12.14 | / | / | <=13 | Pass |
|                    | 3750    | Outer_Full | 12.10 | / | / | <=13 | Pass |
|                    | 3774.99 | Outer_Full | 12.12 | / | / | <=13 | Pass |
| CP-OFDM 256 QAM    | 3725.01 | Outer_Full | 12.16 | / | / | <=13 | Pass |
|                    | 3750    | Outer_Full | 12.12 | / | / | <=13 | Pass |
|                    | 3774.99 | Outer_Full | 12.12 | / | / | <=13 | Pass |

#### 4.1.5 30k\_SISO\_60MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 60MHz NTN |                 |               |                         |      |     |       |         |
|-------------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                     |                 |               | Ant1                    | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3730.02         | Outer_Full    | 11.56                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 11.52                   | /    | /   | <=13  | Pass    |
|                                     | 3769.98         | Outer_Full    | 11.54                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                     | 3730.02         | Outer_Full    | 12.00                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 11.98                   | /    | /   | <=13  | Pass    |
|                                     | 3769.98         | Outer_Full    | 12.00                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3730.02         | Outer_Full    | 11.98                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 11.96                   | /    | /   | <=13  | Pass    |
|                                     | 3769.98         | Outer_Full    | 11.98                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 64 QAM                   | 3730.02         | Outer_Full    | 11.98                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 11.96                   | /    | /   | <=13  | Pass    |
|                                     | 3769.98         | Outer_Full    | 11.96                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 256 QAM                  | 3730.02         | Outer_Full    | 11.90                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 11.86                   | /    | /   | <=13  | Pass    |
|                                     | 3769.98         | Outer_Full    | 11.88                   | /    | /   | <=13  | Pass    |
| CP-OFDM QPSK                        | 3730.02         | Outer_Full    | 12.36                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.32                   | /    | /   | <=13  | Pass    |
|                                     | 3769.98         | Outer_Full    | 12.32                   | /    | /   | <=13  | Pass    |
| CP-OFDM 16 QAM                      | 3730.02         | Outer_Full    | 12.34                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.32                   | /    | /   | <=13  | Pass    |
|                                     | 3769.98         | Outer_Full    | 12.32                   | /    | /   | <=13  | Pass    |
| CP-OFDM 64 QAM                      | 3730.02         | Outer_Full    | 12.36                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.32                   | /    | /   | <=13  | Pass    |
|                                     | 3769.98         | Outer_Full    | 12.32                   | /    | /   | <=13  | Pass    |
| CP-OFDM 256 QAM                     | 3730.02         | Outer_Full    | 12.42                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.38                   | /    | /   | <=13  | Pass    |



|  |         |            |       |   |   |      |      |
|--|---------|------------|-------|---|---|------|------|
|  | 3769.98 | Outer_Full | 12.38 | / | / | <=13 | Pass |
|--|---------|------------|-------|---|---|------|------|

#### 4.1.6 30k\_SISO\_70MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 70MHz NTN |                 |               |                         |      |     |       |         |
|-------------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                     |                 |               | Ant1                    | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3735            | Outer_Full    | 11.82                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 11.80                   | /    | /   | <=13  | Pass    |
|                                     | 3765            | Outer_Full    | 11.82                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                     | 3735            | Outer_Full    | 12.06                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.24                   | /    | /   | <=13  | Pass    |
|                                     | 3765            | Outer_Full    | 12.08                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3735            | Outer_Full    | 12.14                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.12                   | /    | /   | <=13  | Pass    |
|                                     | 3765            | Outer_Full    | 12.12                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 64 QAM                   | 3735            | Outer_Full    | 12.14                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.14                   | /    | /   | <=13  | Pass    |
|                                     | 3765            | Outer_Full    | 12.14                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 256 QAM                  | 3735            | Outer_Full    | 12.08                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.06                   | /    | /   | <=13  | Pass    |
|                                     | 3765            | Outer_Full    | 12.06                   | /    | /   | <=13  | Pass    |
| CP-OFDM QPSK                        | 3735            | Outer_Full    | 12.50                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.48                   | /    | /   | <=13  | Pass    |
|                                     | 3765            | Outer_Full    | 12.50                   | /    | /   | <=13  | Pass    |
| CP-OFDM 16 QAM                      | 3735            | Outer_Full    | 12.52                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.50                   | /    | /   | <=13  | Pass    |
|                                     | 3765            | Outer_Full    | 12.50                   | /    | /   | <=13  | Pass    |
| CP-OFDM 64 QAM                      | 3735            | Outer_Full    | 12.52                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.50                   | /    | /   | <=13  | Pass    |
|                                     | 3765            | Outer_Full    | 12.50                   | /    | /   | <=13  | Pass    |
| CP-OFDM 256 QAM                     | 3735            | Outer_Full    | 12.58                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.58                   | /    | /   | <=13  | Pass    |
|                                     | 3765            | Outer_Full    | 12.58                   | /    | /   | <=13  | Pass    |

#### 4.1.7 30k\_SISO\_80MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 80MHz NTN |                 |               |                         |      |     |       |         |
|-------------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                     |                 |               | Ant1                    | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3740.01         | Outer_Full    | 12.16                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.14                   | /    | /   | <=13  | Pass    |
|                                     | 3759.99         | Outer_Full    | 12.14                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                     | 3740.01         | Outer_Full    | 12.54                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.52                   | /    | /   | <=13  | Pass    |
|                                     | 3759.99         | Outer_Full    | 12.52                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3740.01         | Outer_Full    | 12.54                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 8.70                    | /    | /   | <=13  | Pass    |
|                                     | 3759.99         | Outer_Full    | 12.52                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 64 QAM                   | 3740.01         | Outer_Full    | 12.52                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.50                   | /    | /   | <=13  | Pass    |
|                                     | 3759.99         | Outer_Full    | 12.50                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 256 QAM                  | 3740.01         | Outer_Full    | 12.44                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.42                   | /    | /   | <=13  | Pass    |
|                                     | 3759.99         | Outer_Full    | 12.40                   | /    | /   | <=13  | Pass    |
| CP-OFDM QPSK                        | 3740.01         | Outer_Full    | 12.76                   | /    | /   | <=13  | Pass    |

|                 |         |            |       |   |   |      |      |
|-----------------|---------|------------|-------|---|---|------|------|
| CP-OFDM 16 QAM  | 3750    | Outer_Full | 12.74 | / | / | <=13 | Pass |
|                 | 3759.99 | Outer_Full | 12.74 | / | / | <=13 | Pass |
|                 | 3740.01 | Outer_Full | 12.76 | / | / | <=13 | Pass |
|                 | 3750    | Outer_Full | 12.76 | / | / | <=13 | Pass |
|                 | 3759.99 | Outer_Full | 12.74 | / | / | <=13 | Pass |
| CP-OFDM 64 QAM  | 3740.01 | Outer_Full | 12.76 | / | / | <=13 | Pass |
|                 | 3750    | Outer_Full | 12.76 | / | / | <=13 | Pass |
|                 | 3759.99 | Outer_Full | 12.74 | / | / | <=13 | Pass |
| CP-OFDM 256 QAM | 3740.01 | Outer_Full | 12.86 | / | / | <=13 | Pass |
|                 | 3750    | Outer_Full | 12.84 | / | / | <=13 | Pass |
|                 | 3759.99 | Outer_Full | 12.84 | / | / | <=13 | Pass |

#### 4.1.8 30k\_SISO\_90MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 90MHz NTN |                 |               |                         |      |     |       |         |
|-------------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                     |                 |               | Ant1                    | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3745.02         | Outer_Full    | 9.96                    | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 8.56                    | /    | /   | <=13  | Pass    |
|                                     | 3754.98         | Outer_Full    | 9.98                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                     | 3745.02         | Outer_Full    | 9.98                    | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 9.98                    | /    | /   | <=13  | Pass    |
|                                     | 3754.98         | Outer_Full    | 10.02                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3745.02         | Outer_Full    | 10.02                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.02                   | /    | /   | <=13  | Pass    |
|                                     | 3754.98         | Outer_Full    | 10.58                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 64 QAM                   | 3745.02         | Outer_Full    | 10.22                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 12.24                   | /    | /   | <=13  | Pass    |
|                                     | 3754.98         | Outer_Full    | 10.32                   | /    | /   | <=13  | Pass    |
| DFT-s-OFDM 256 QAM                  | 3745.02         | Outer_Full    | 10.04                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.28                   | /    | /   | <=13  | Pass    |
|                                     | 3754.98         | Outer_Full    | 10.24                   | /    | /   | <=13  | Pass    |
| CP-OFDM QPSK                        | 3745.02         | Outer_Full    | 10.40                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.36                   | /    | /   | <=13  | Pass    |
|                                     | 3754.98         | Outer_Full    | 10.58                   | /    | /   | <=13  | Pass    |
| CP-OFDM 16 QAM                      | 3745.02         | Outer_Full    | 10.20                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.18                   | /    | /   | <=13  | Pass    |
|                                     | 3754.98         | Outer_Full    | 10.60                   | /    | /   | <=13  | Pass    |
| CP-OFDM 64 QAM                      | 3745.02         | Outer_Full    | 10.44                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.44                   | /    | /   | <=13  | Pass    |
|                                     | 3754.98         | Outer_Full    | 10.56                   | /    | /   | <=13  | Pass    |
| CP-OFDM 256 QAM                     | 3745.02         | Outer_Full    | 10.34                   | /    | /   | <=13  | Pass    |
|                                     | 3750            | Outer_Full    | 10.34                   | /    | /   | <=13  | Pass    |
|                                     | 3754.98         | Outer_Full    | 10.56                   | /    | /   | <=13  | Pass    |

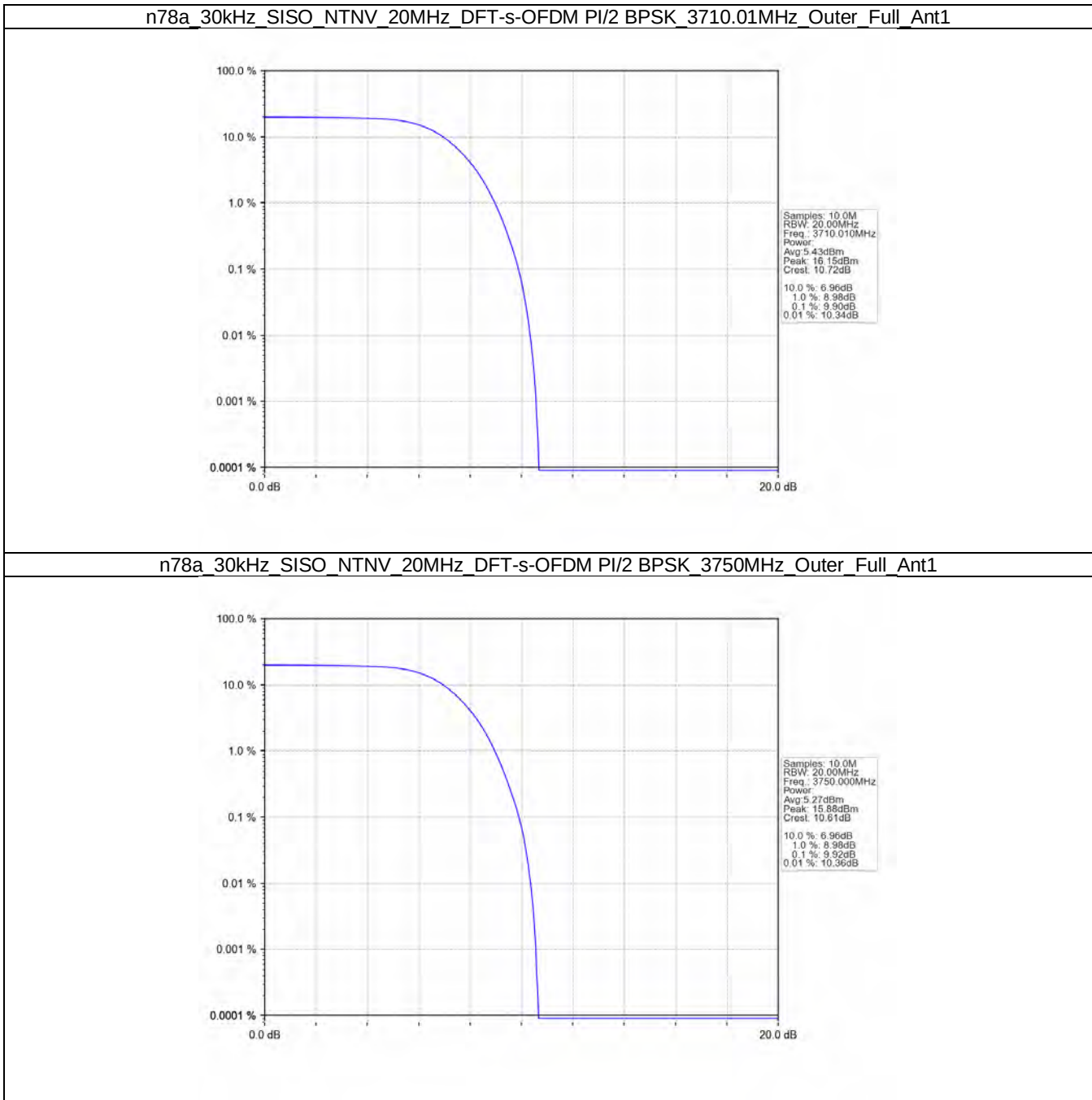
#### 4.1.9 30k\_SISO\_100MHz\_NTNV

| 5G NR n78a SCS=30kHz SISO 100MHz NTN |                 |               |                         |      |     |       |         |
|--------------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                      |                 |               | Ant1                    | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                 | 3750            | Outer_Full    | 9.66                    | /    | /   | <=13  | Pass    |
|                                      | 3750            | Outer_Full    | 9.68                    | /    | /   | <=13  | Pass    |
|                                      | 3750            | Outer_Full    | 8.56                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                      | 3750            | Outer_Full    | 10.12                   | /    | /   | <=13  | Pass    |
|                                      | 3750            | Outer_Full    | 10.10                   | /    | /   | <=13  | Pass    |
|                                      | 3750            | Outer_Full    | 9.88                    | /    | /   | <=13  | Pass    |

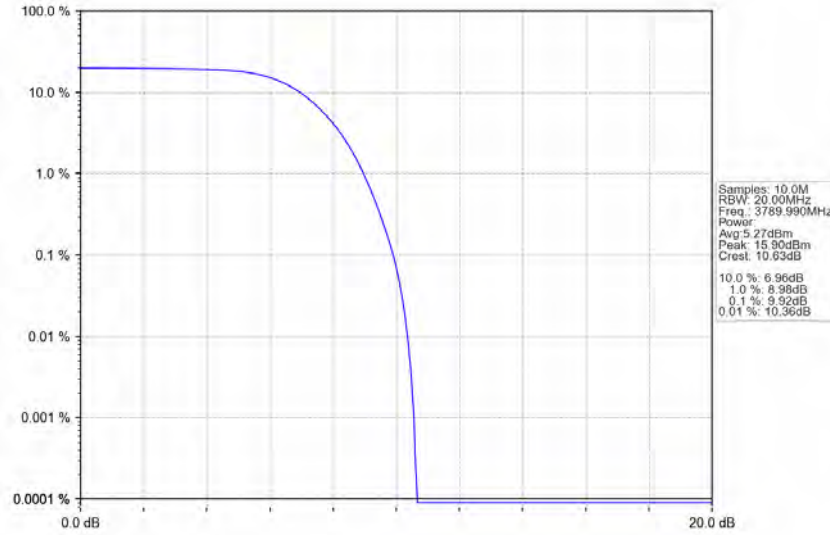
|                    |      |            |       |   |   |      |      |
|--------------------|------|------------|-------|---|---|------|------|
| DFT-s-OFDM 16 QAM  | 3750 | Outer_Full | 10.02 | / | / | <=13 | Pass |
|                    | 3750 | Outer_Full | 10.26 | / | / | <=13 | Pass |
|                    | 3750 | Outer_Full | 10.24 | / | / | <=13 | Pass |
| DFT-s-OFDM 64 QAM  | 3750 | Outer_Full | 10.06 | / | / | <=13 | Pass |
|                    | 3750 | Outer_Full | 10.04 | / | / | <=13 | Pass |
|                    | 3750 | Outer_Full | 10.06 | / | / | <=13 | Pass |
| DFT-s-OFDM 256 QAM | 3750 | Outer_Full | 10.28 | / | / | <=13 | Pass |
|                    | 3750 | Outer_Full | 10.28 | / | / | <=13 | Pass |
|                    | 3750 | Outer_Full | 10.32 | / | / | <=13 | Pass |
| CP-OFDM QPSK       | 3750 | Outer_Full | 10.54 | / | / | <=13 | Pass |
|                    | 3750 | Outer_Full | 10.30 | / | / | <=13 | Pass |
|                    | 3750 | Outer_Full | 10.50 | / | / | <=13 | Pass |
| CP-OFDM 16 QAM     | 3750 | Outer_Full | 10.50 | / | / | <=13 | Pass |
|                    | 3750 | Outer_Full | 10.30 | / | / | <=13 | Pass |
|                    | 3750 | Outer_Full | 10.30 | / | / | <=13 | Pass |
| CP-OFDM 64 QAM     | 3750 | Outer_Full | 10.34 | / | / | <=13 | Pass |
|                    | 3750 | Outer_Full | 10.32 | / | / | <=13 | Pass |
|                    | 3750 | Outer_Full | 10.30 | / | / | <=13 | Pass |
| CP-OFDM 256 QAM    | 3750 | Outer_Full | 11.60 | / | / | <=13 | Pass |
|                    | 3750 | Outer_Full | 10.74 | / | / | <=13 | Pass |
|                    | 3750 | Outer_Full | 10.50 | / | / | <=13 | Pass |

# 4.2 Test Graph

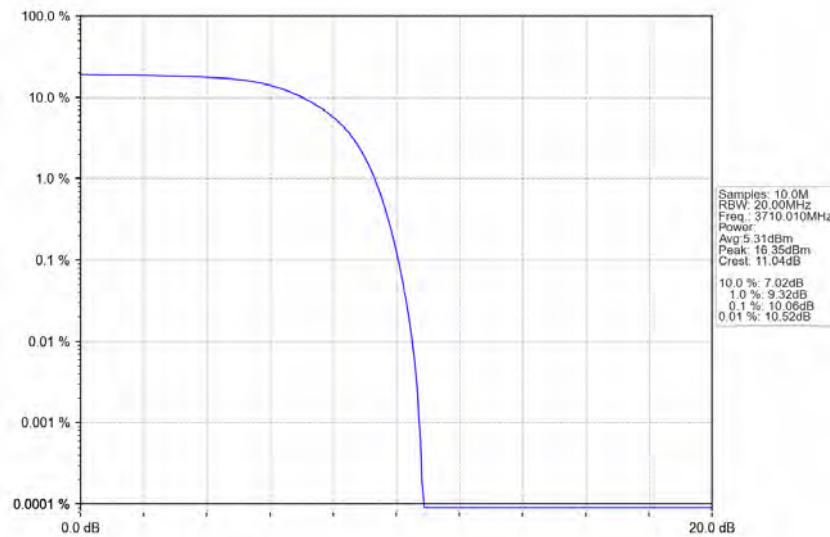
## 4.2.1 30k\_SISO\_20MHz\_NTNV



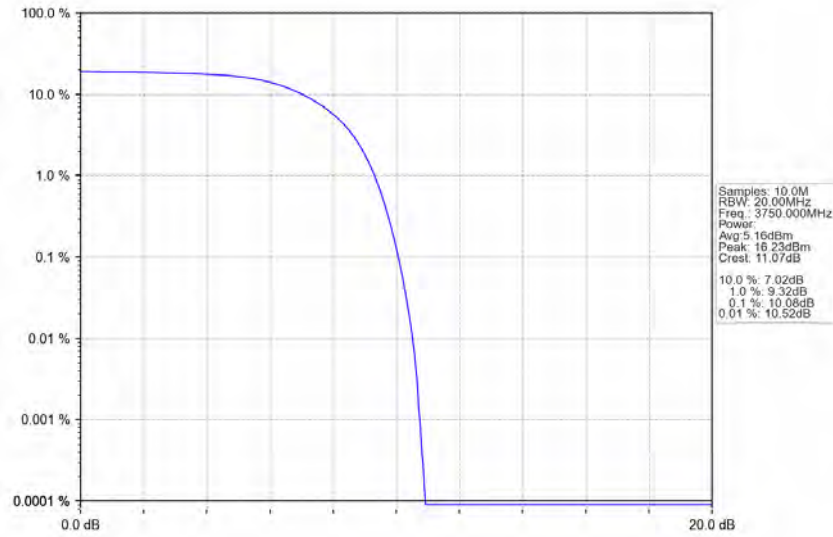
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz Outer Full Ant1



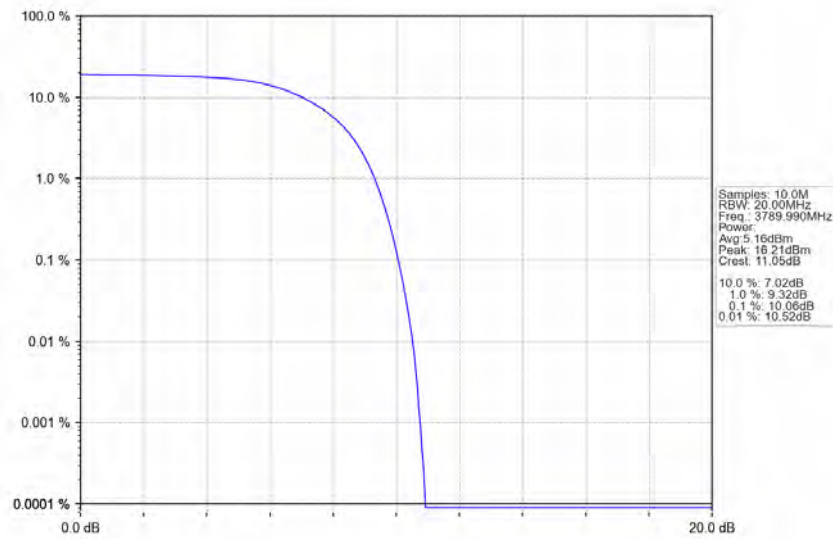
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3710.01MHz Outer Full Ant1



n78a\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Outer\_Full\_Ant1

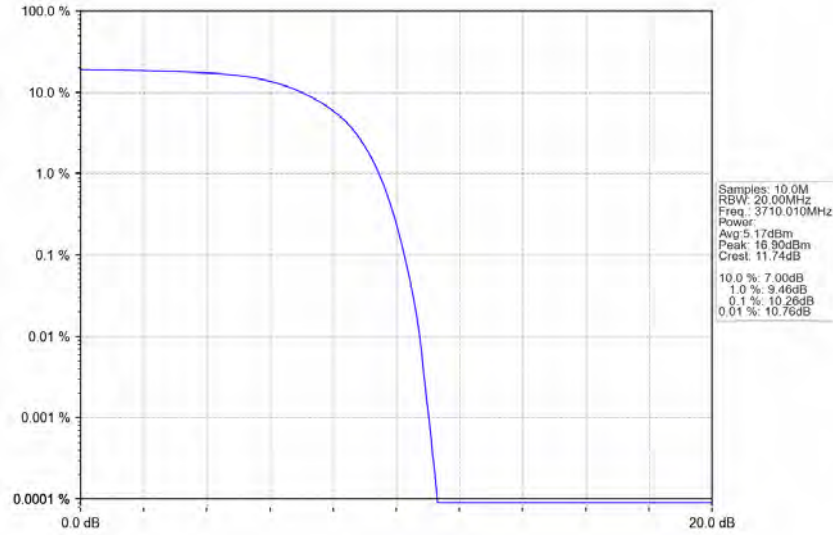


n78a\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_3789.99MHz\_Outer\_Full\_Ant1

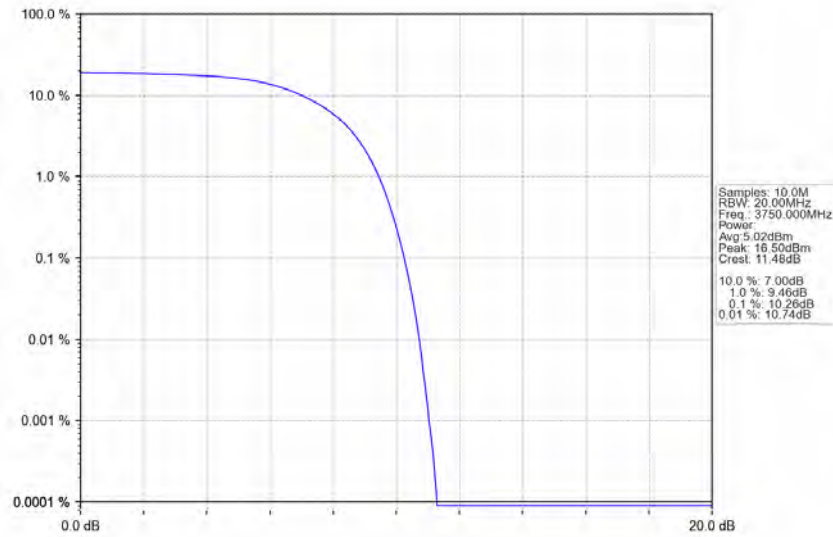




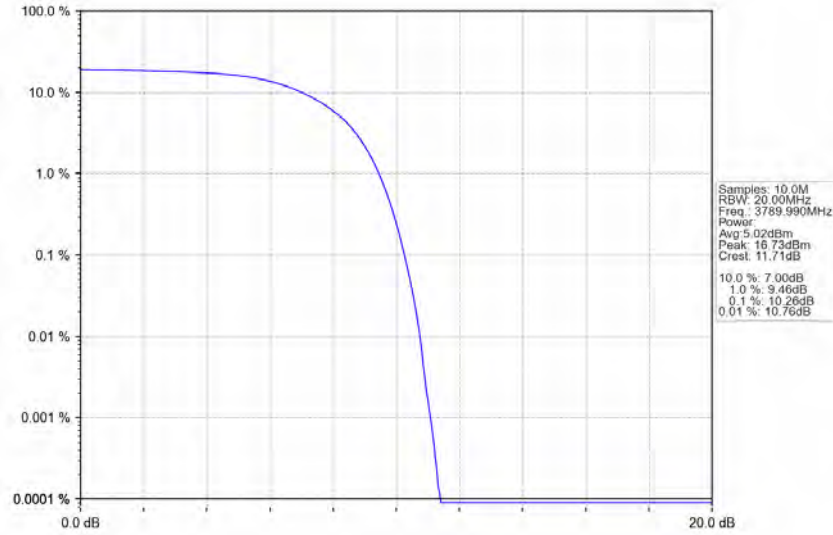
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3710.01MHz Outer Full Ant1



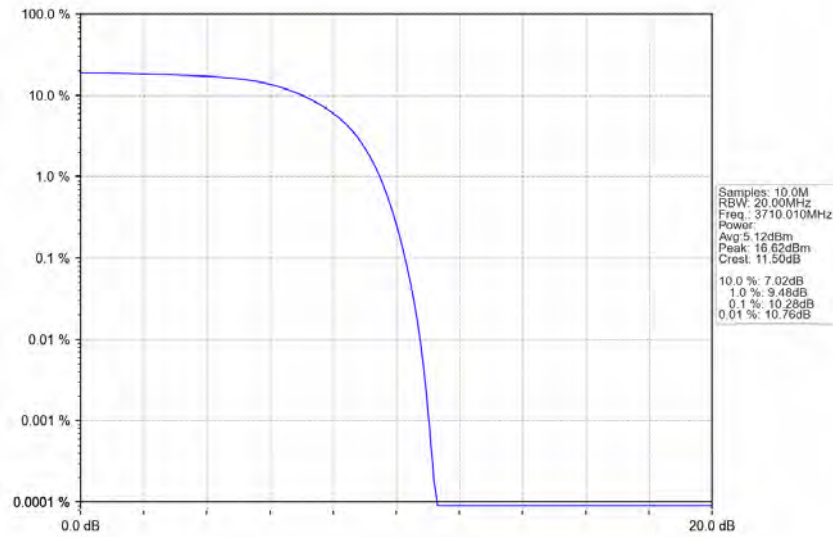
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant1



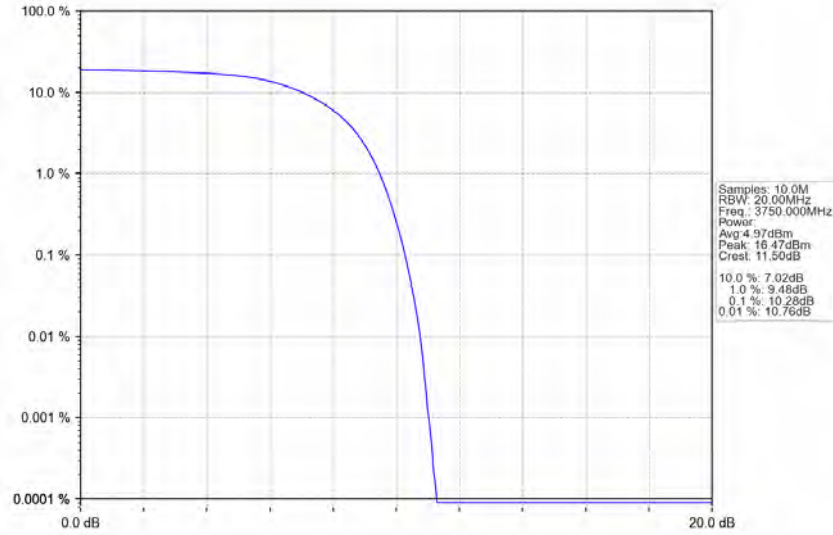
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3789.99MHz Outer Full Ant1



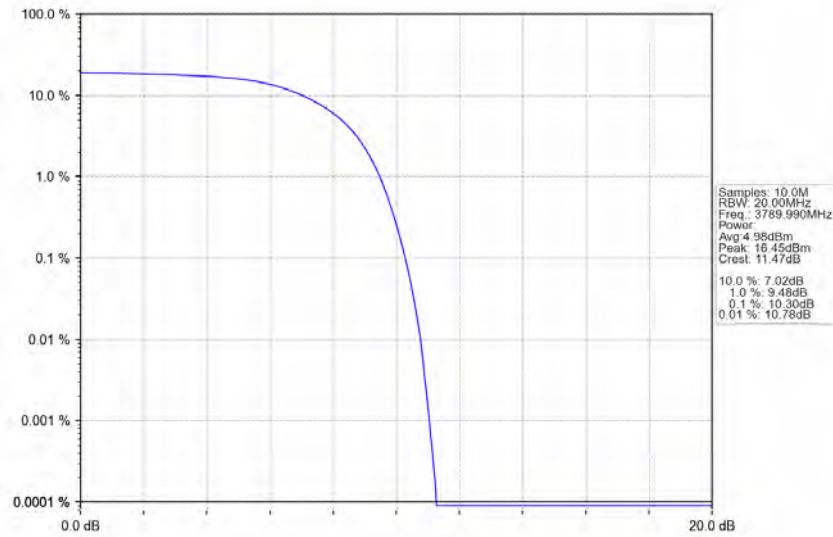
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3710.01MHz Outer Full Ant1



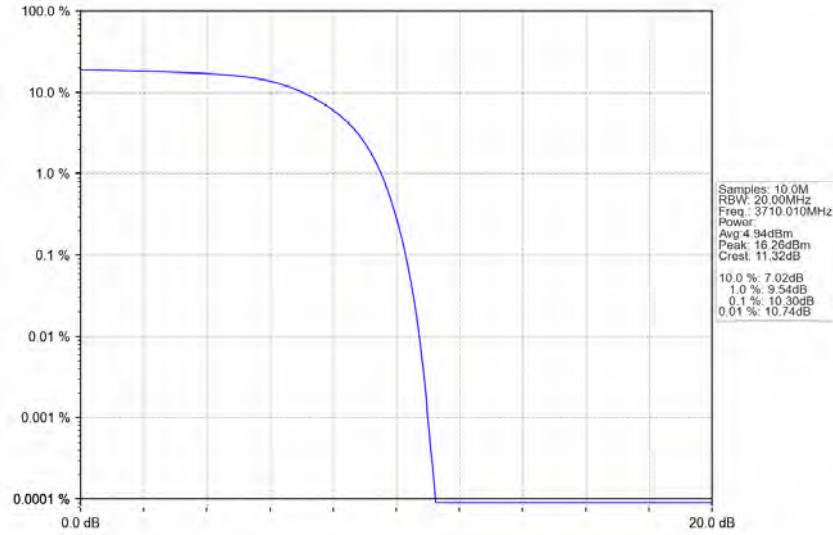
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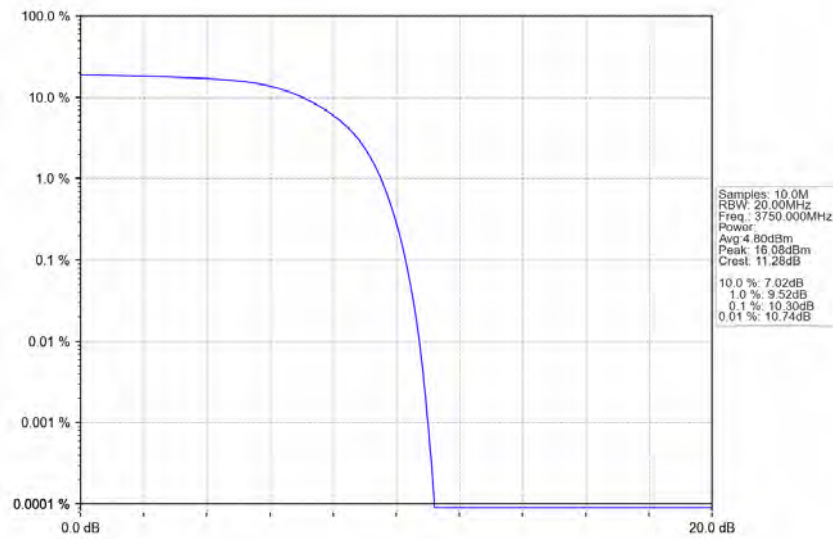
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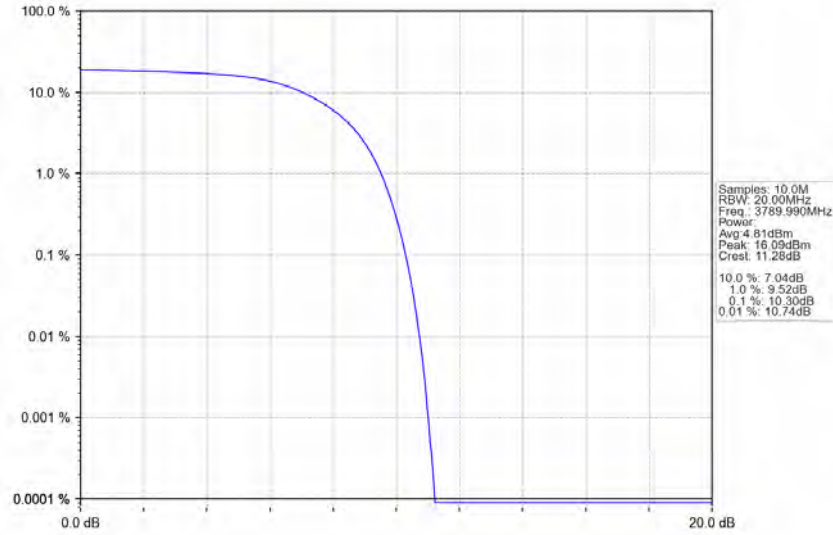
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3710.01MHz Outer Full Ant1



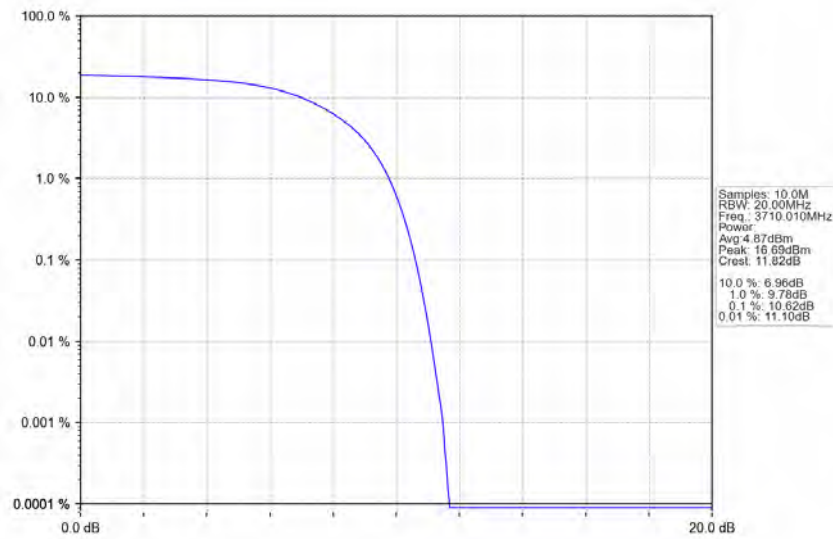
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



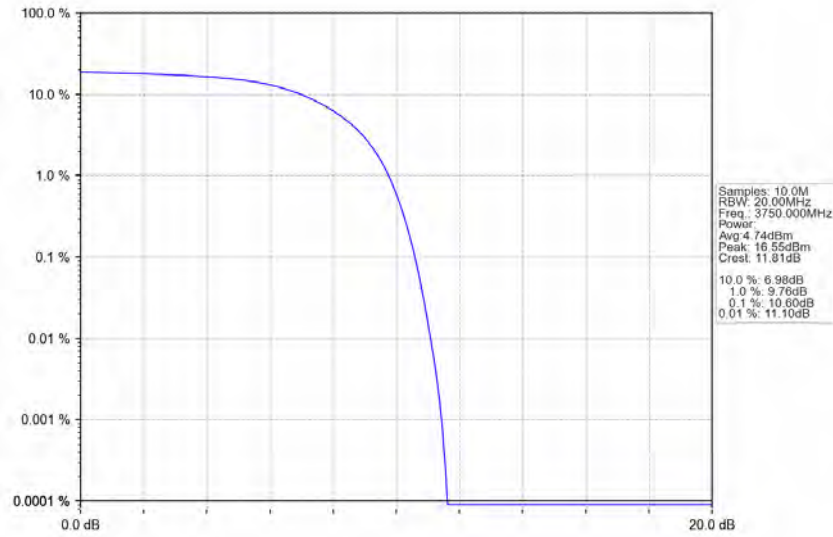
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3789.99MHz Outer Full Ant1



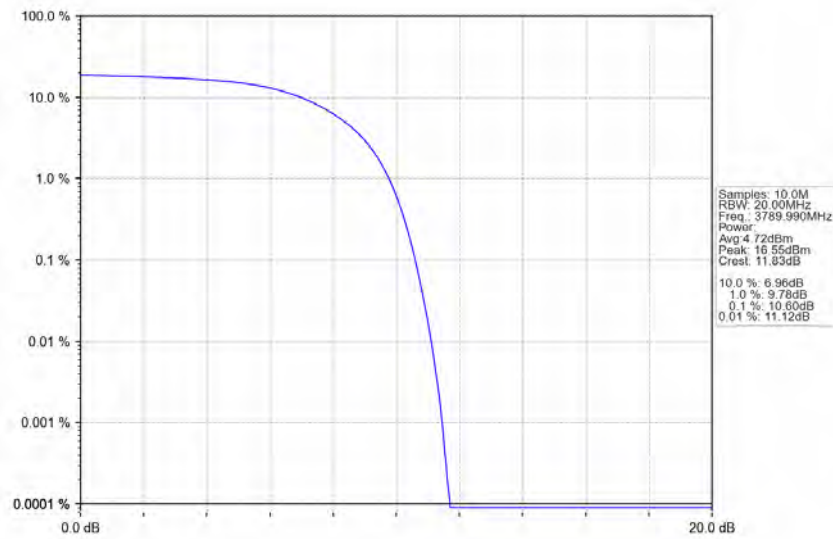
n78a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3710.01MHz Outer Full Ant1



n78a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3750MHz Outer Full Ant1

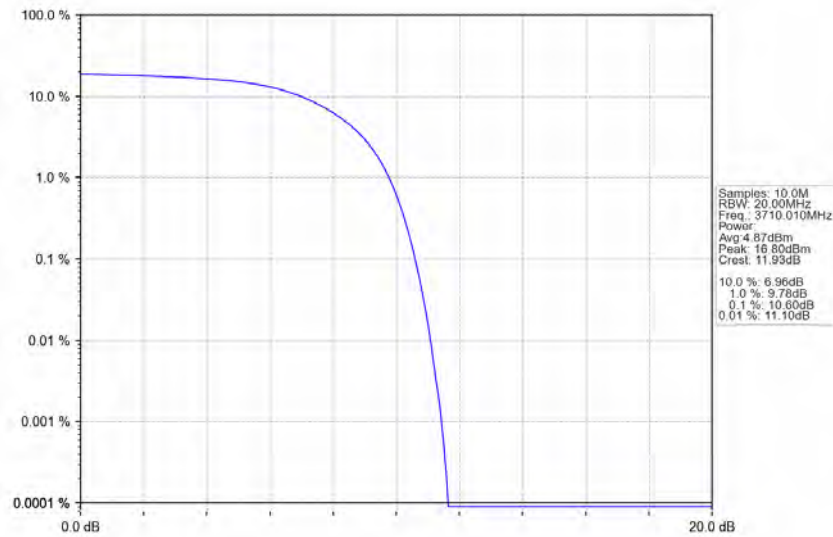


n78a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3789.99MHz Outer Full Ant1

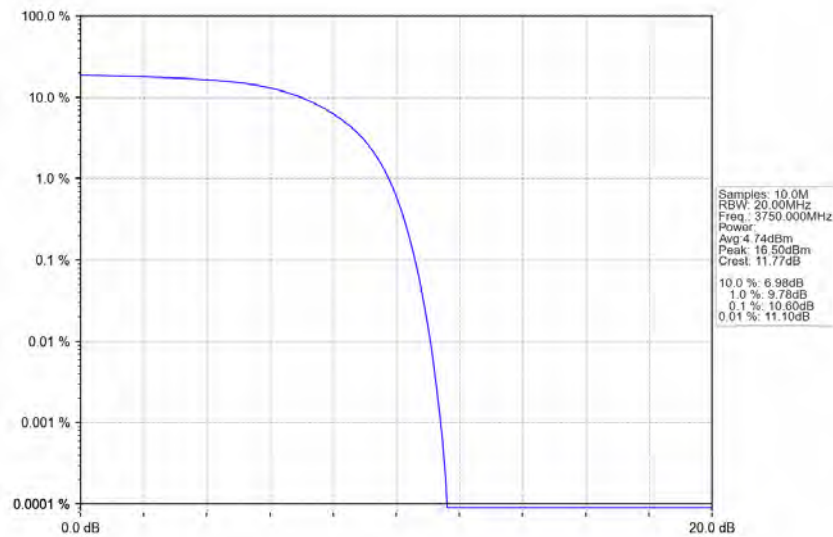




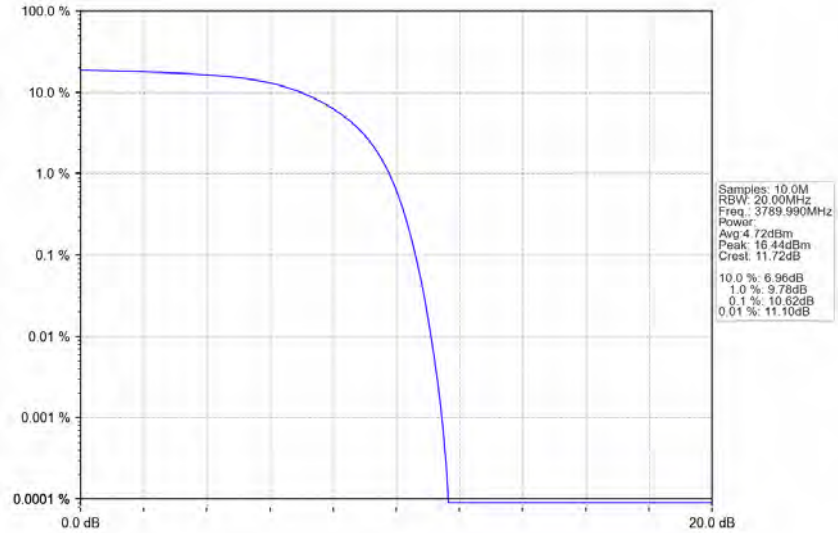
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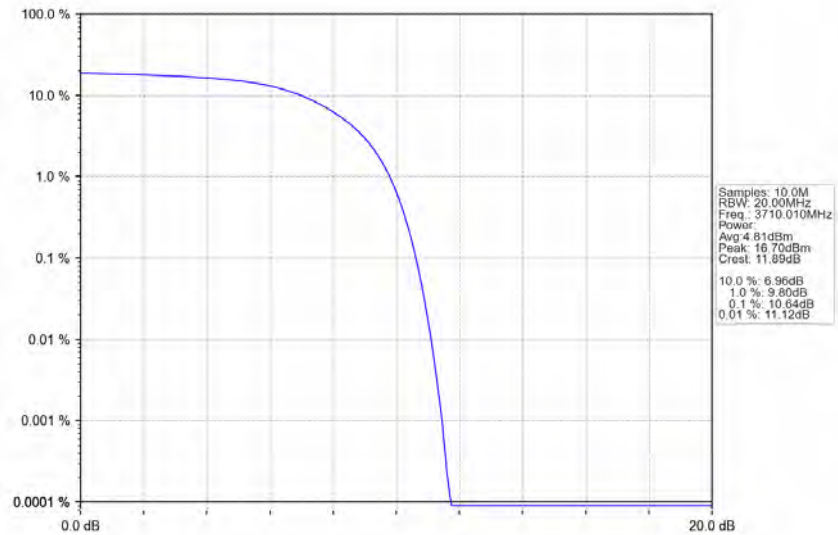
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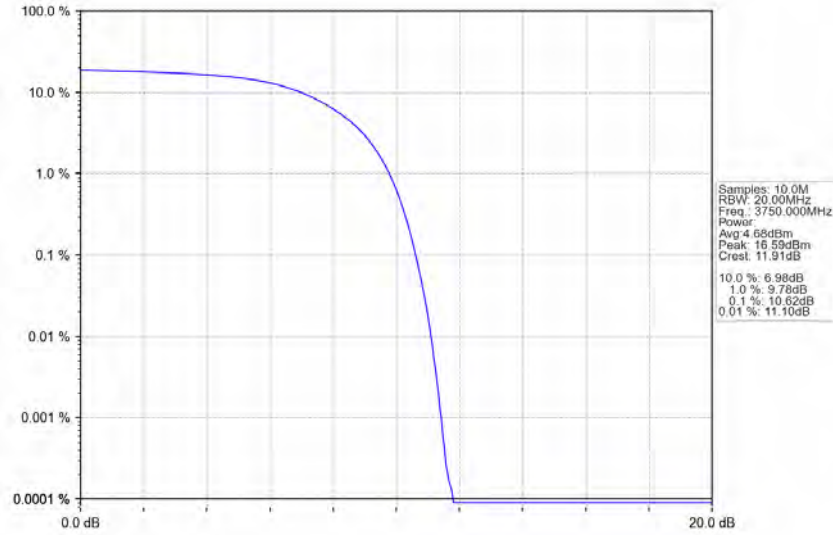
n78a 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3789.99MHz Outer Full Ant1



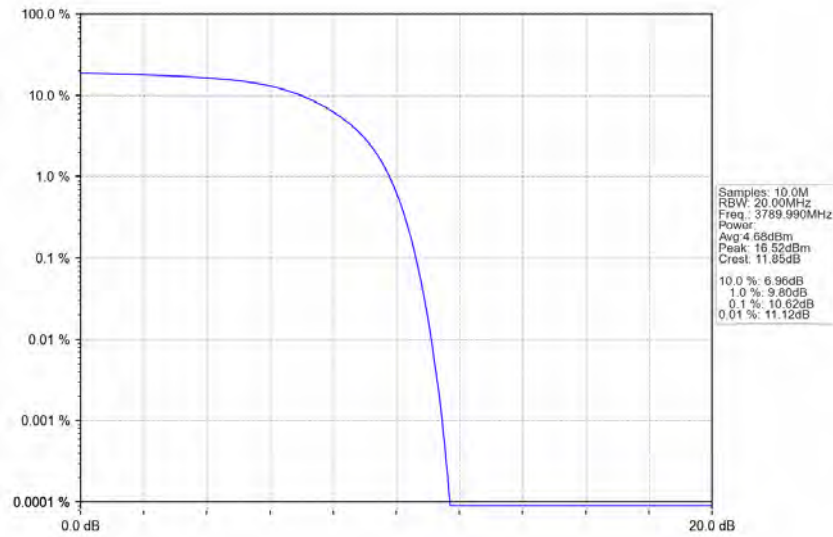
n78a 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3710.01MHz Outer Full Ant1



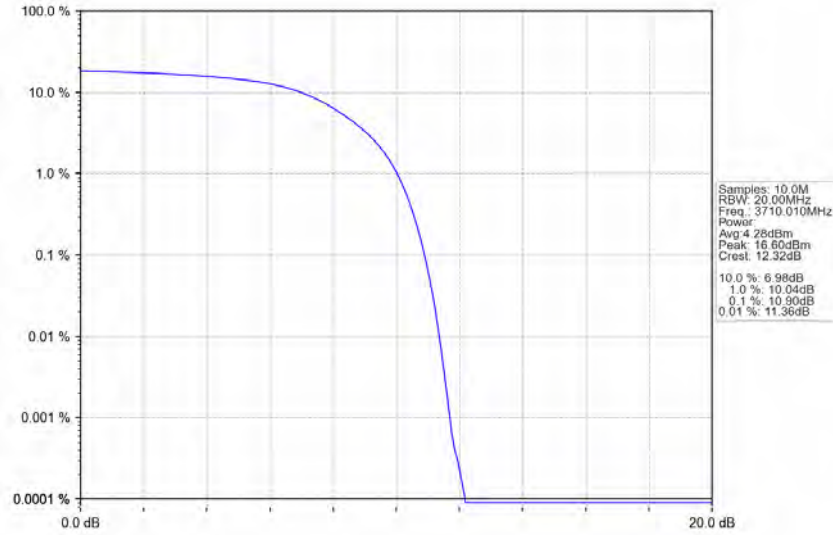
n78a 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



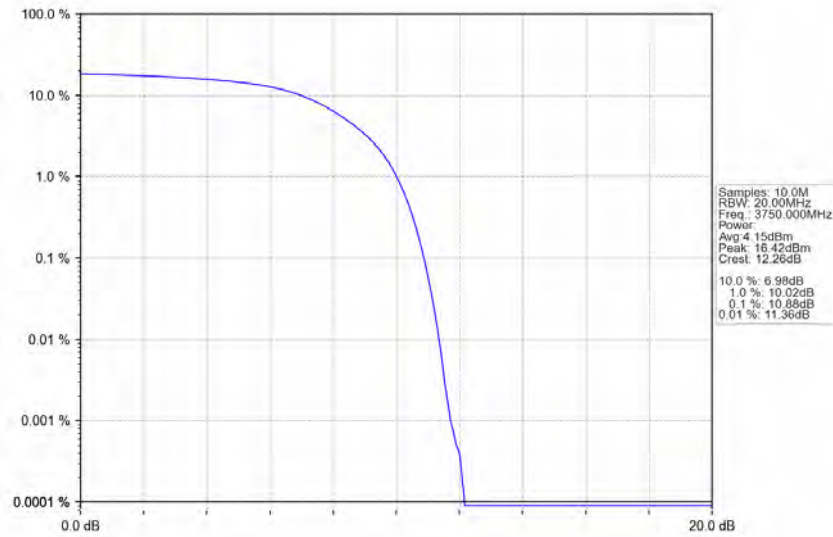
n78a 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3789.99MHz Outer Full Ant1



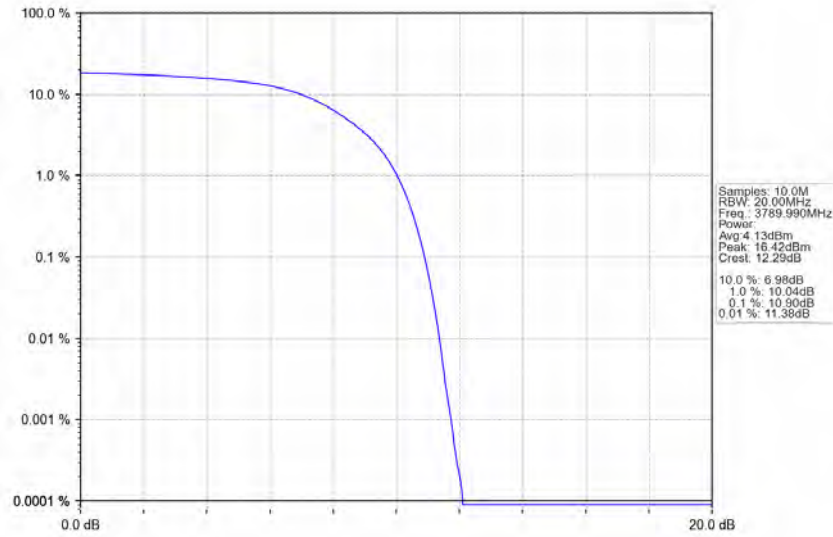
n78a 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3710.01MHz Outer Full Ant1



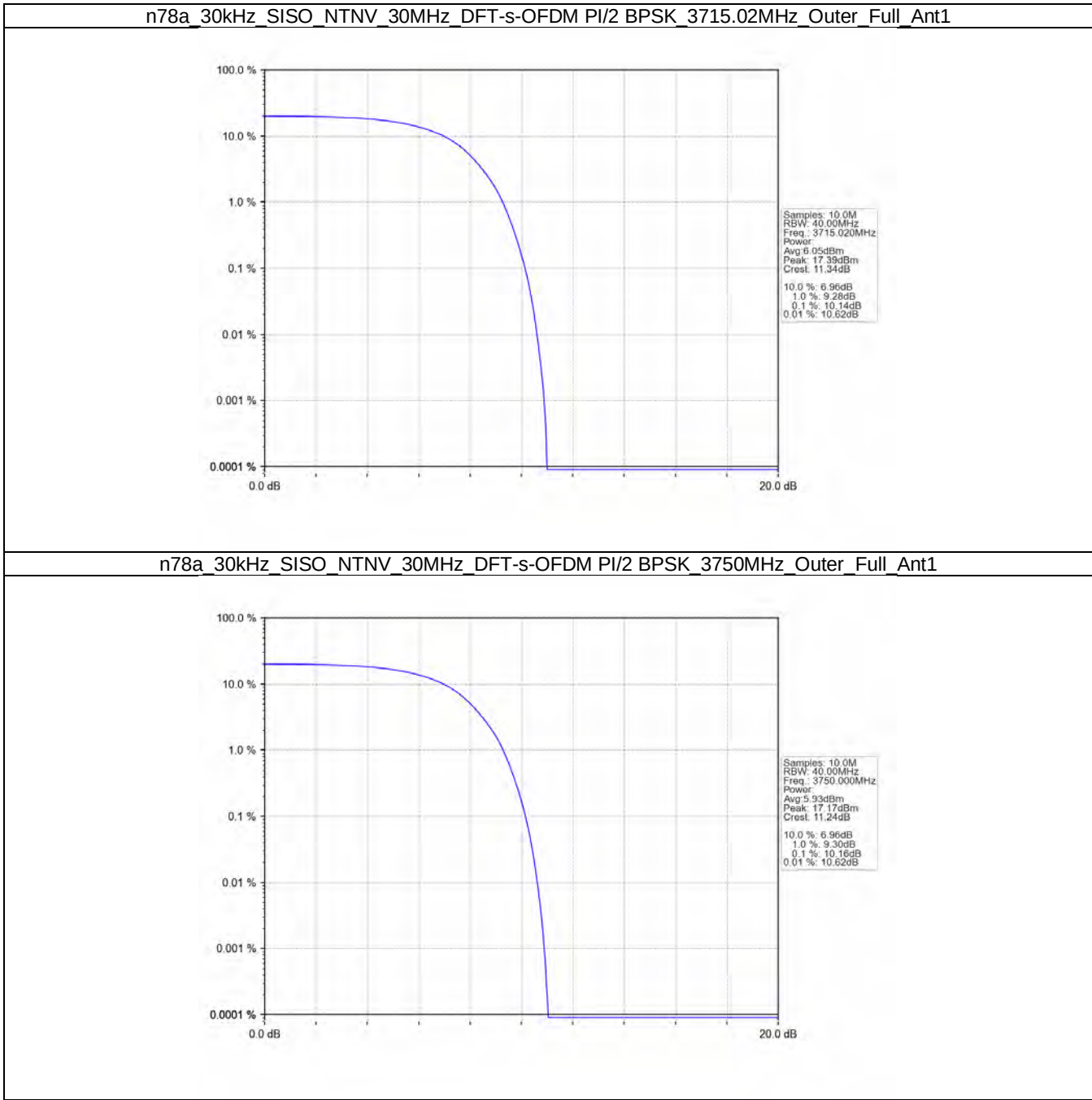
n78a 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1



n78a 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3789.99MHz Outer Full Ant1

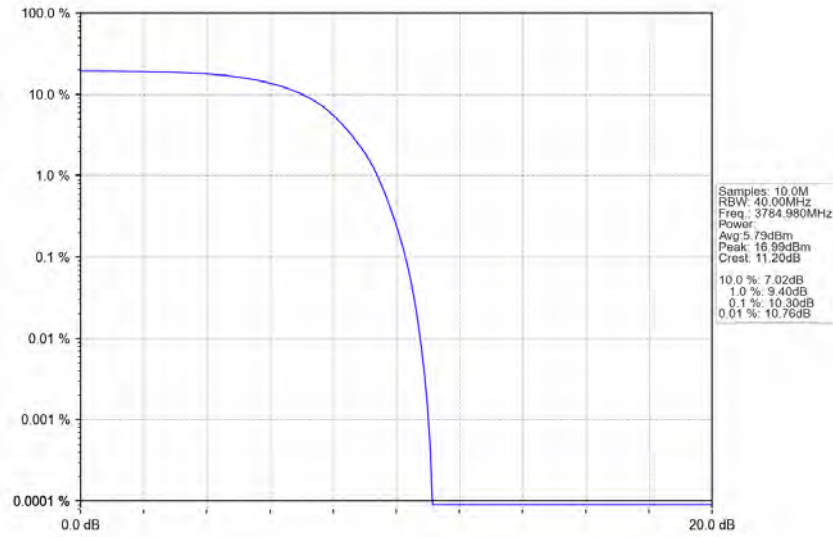


4.2.2 30k\_SISO\_30MHz\_NTNV

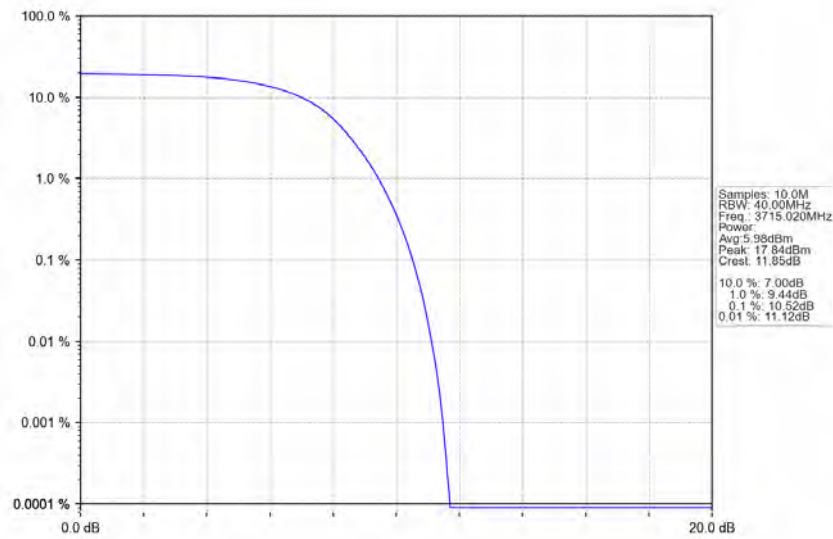




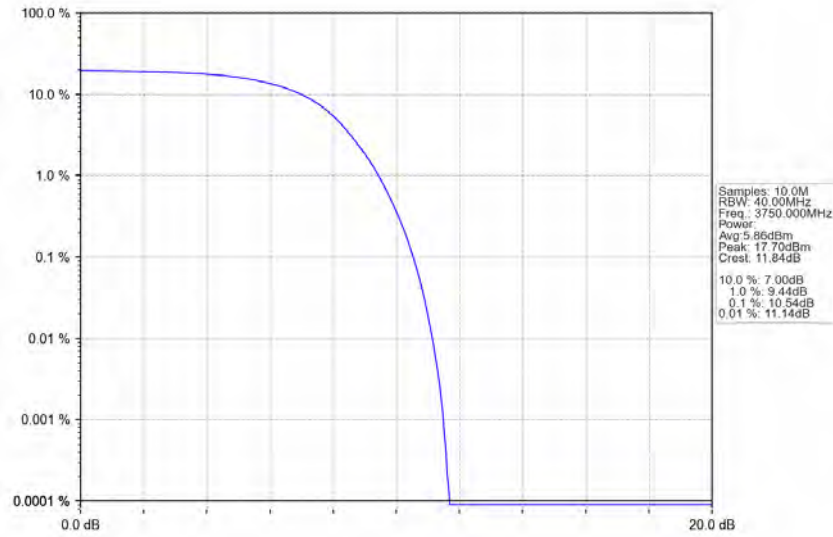
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 3784.98MHz Outer Full Ant1



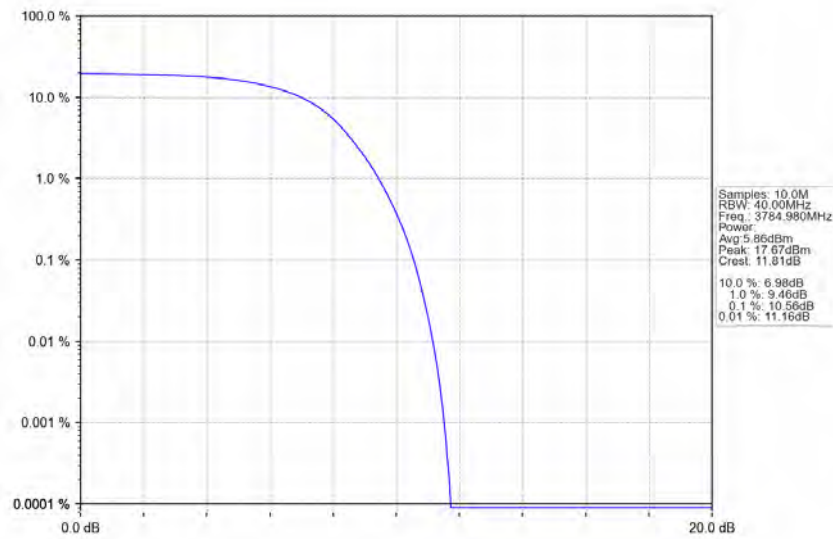
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3715.02MHz Outer Full Ant1



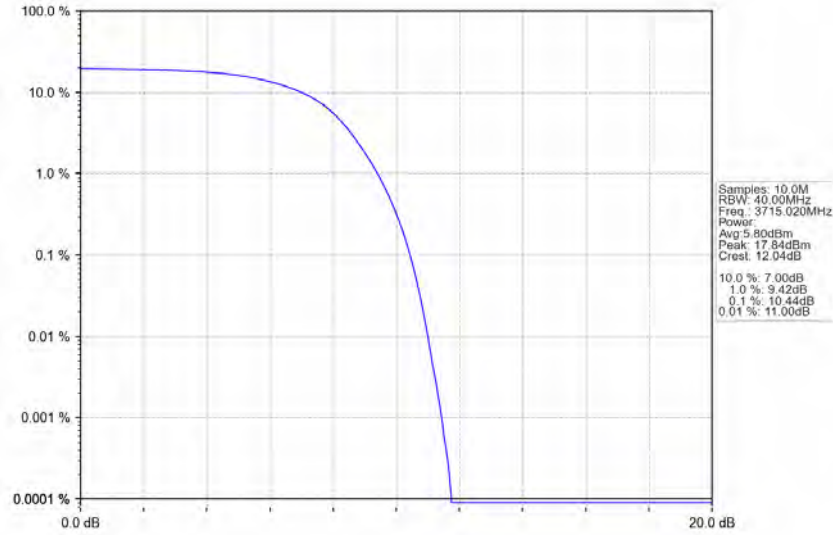
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3750MHz Outer Full Ant1



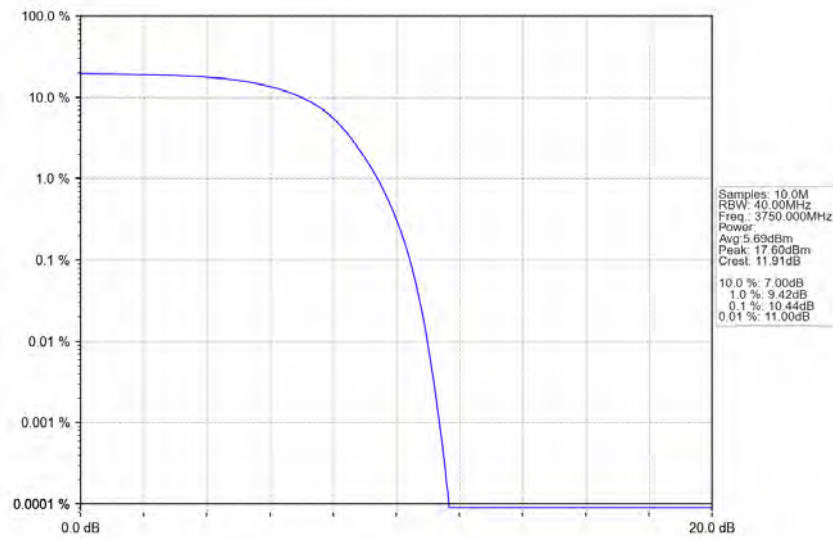
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3784.98MHz Outer Full Ant1



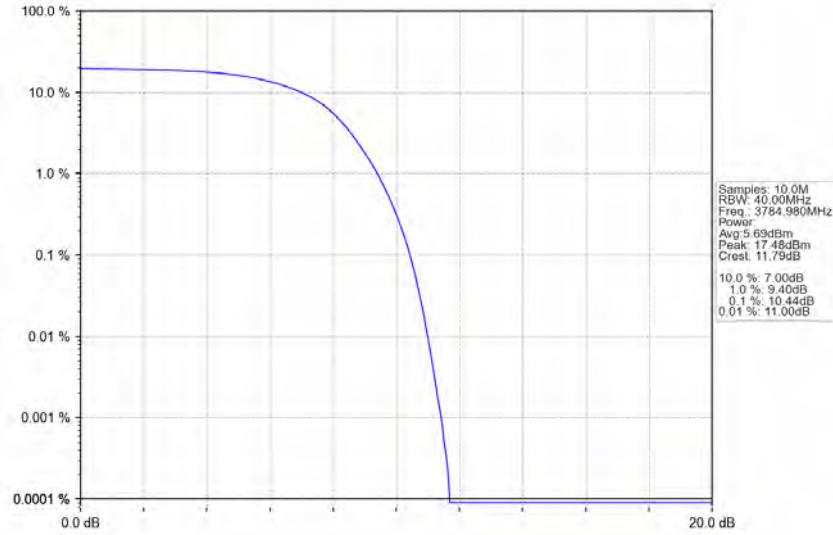
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 3715.02MHz Outer Full Ant1



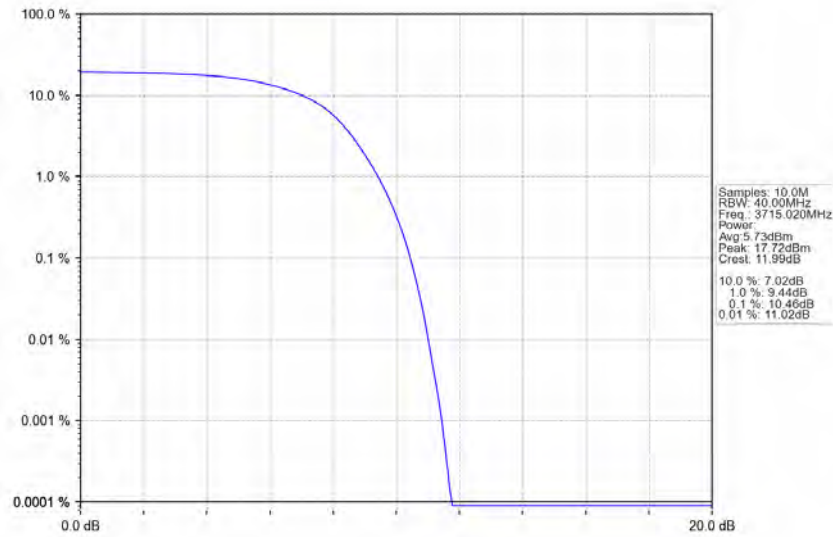
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant1



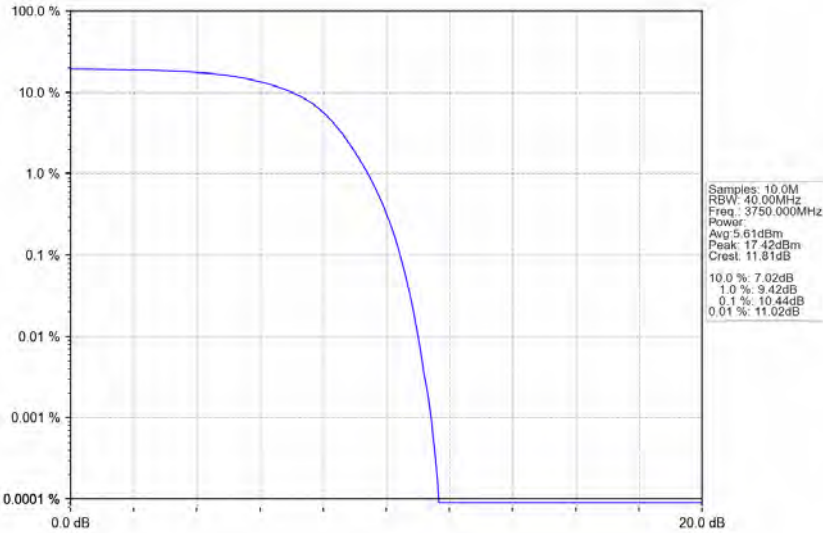
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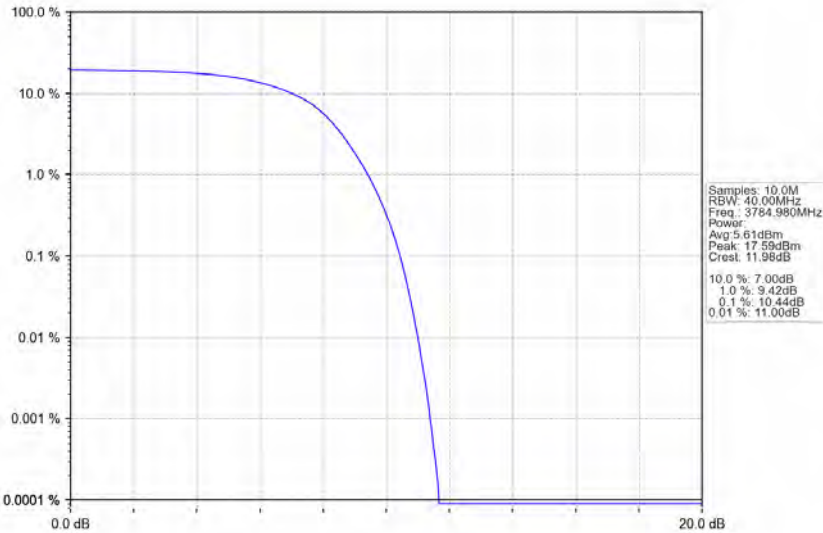
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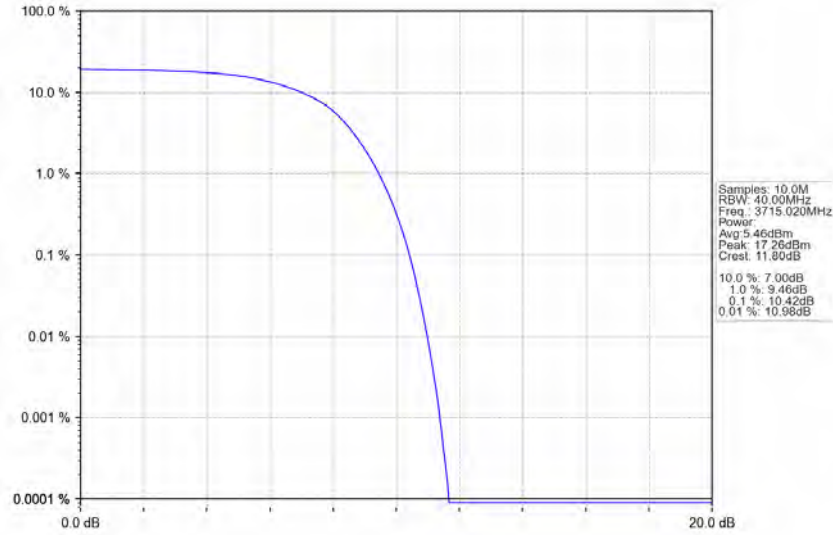
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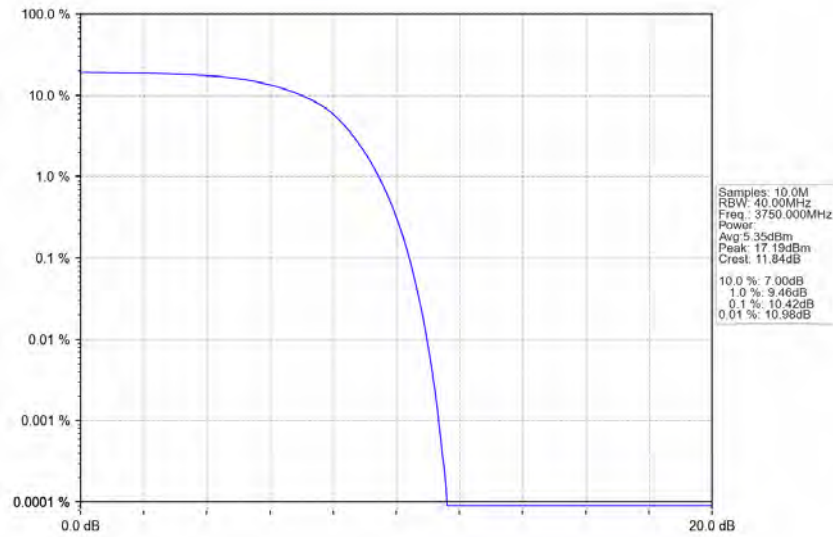
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n78a 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3715.02MHz Outer Full Ant1

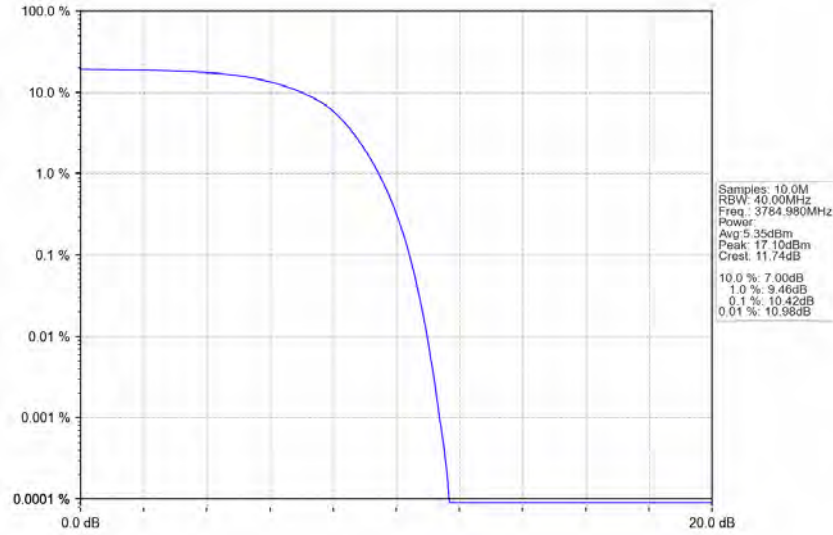


n78a 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1

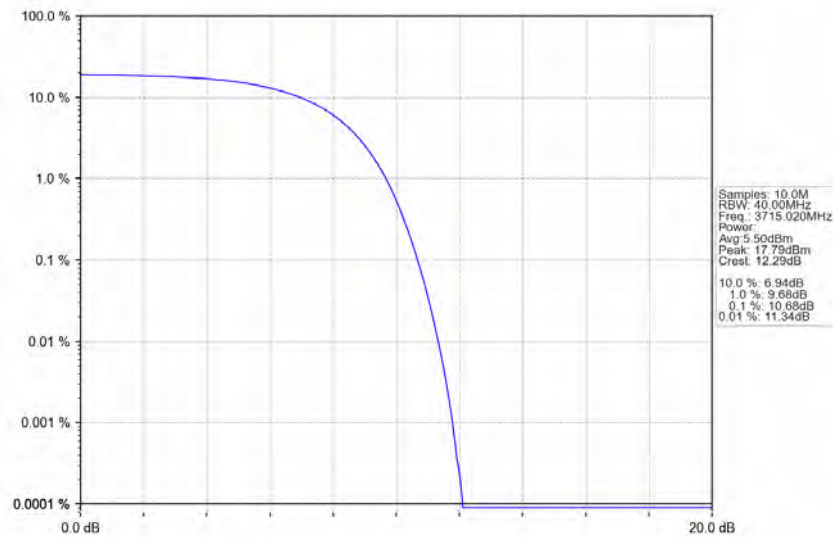




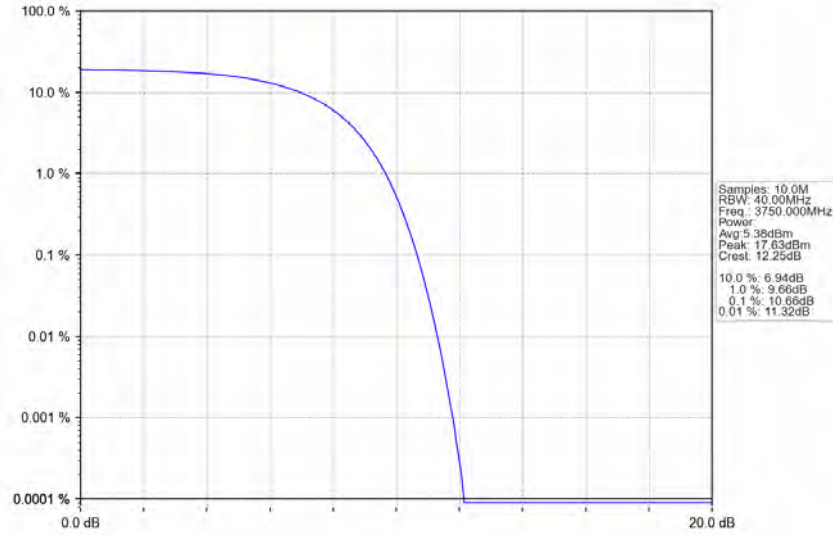
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3784.98MHz Outer Full Ant1



n78a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3715.02MHz Outer Full Ant1



n78a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



n78a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3784.98MHz Outer Full Ant1

