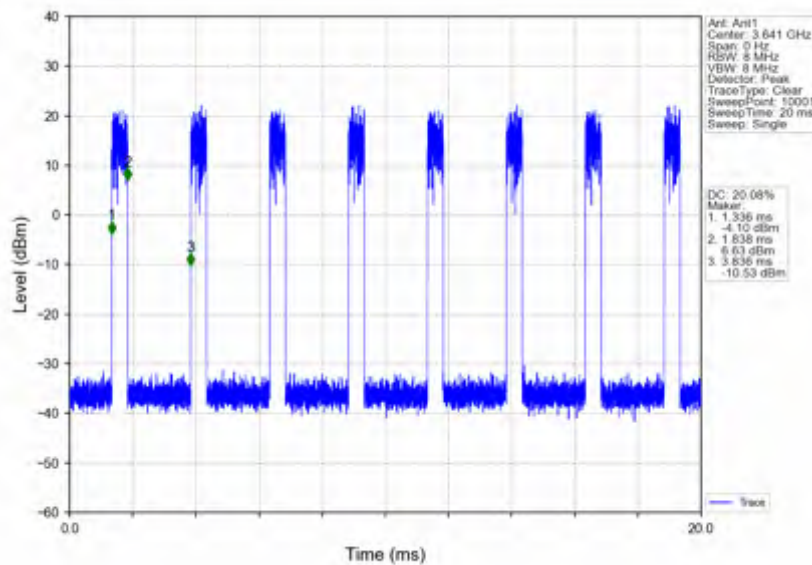
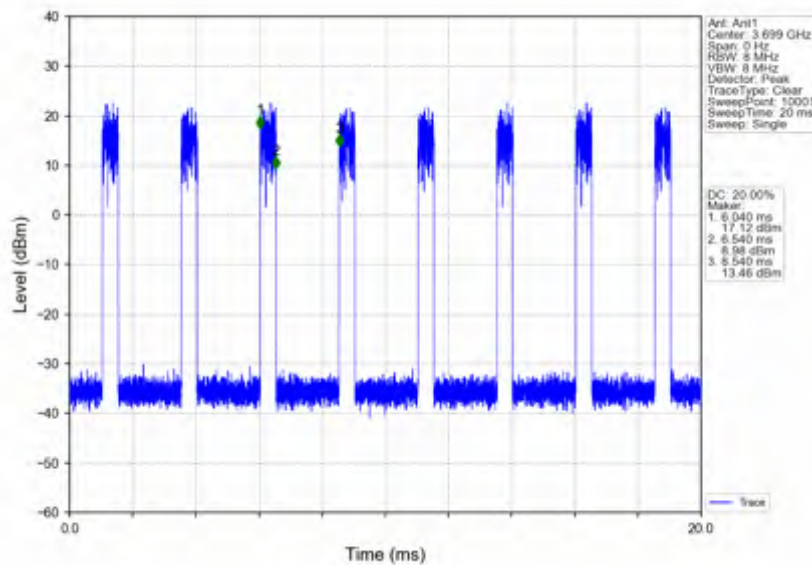


n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3669.99MHz\_Edge\_1RB\_Left



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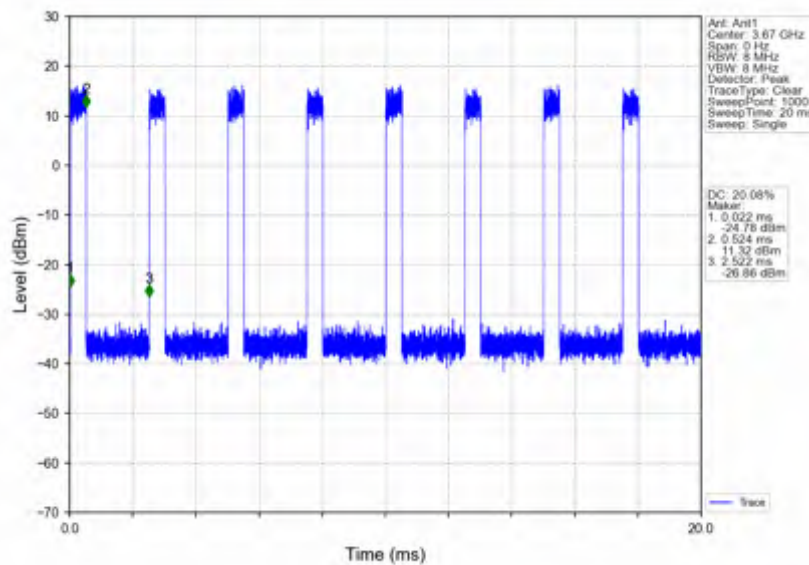


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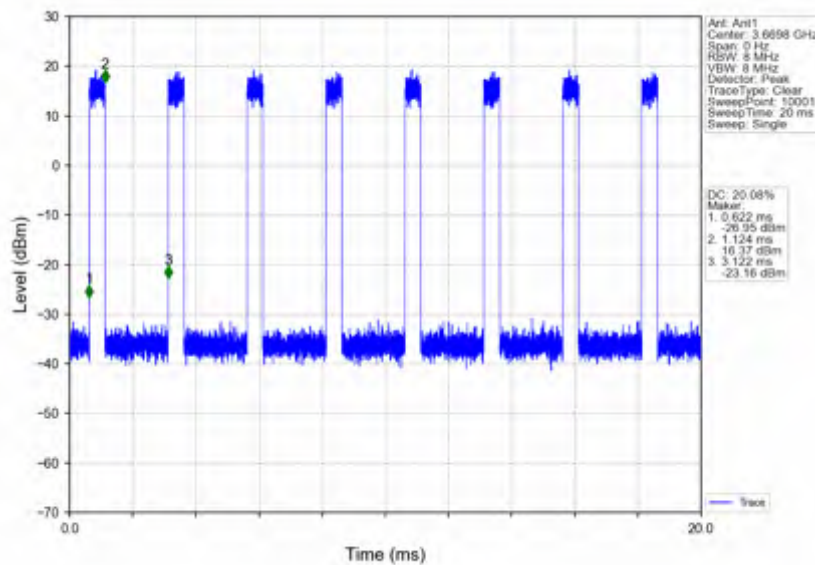
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n78d 30kHz SISO NTNv 60MHz CP-OFDM QPSK 3669.99MHz Outer Full



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3669.99MHz\_Inner\_Full

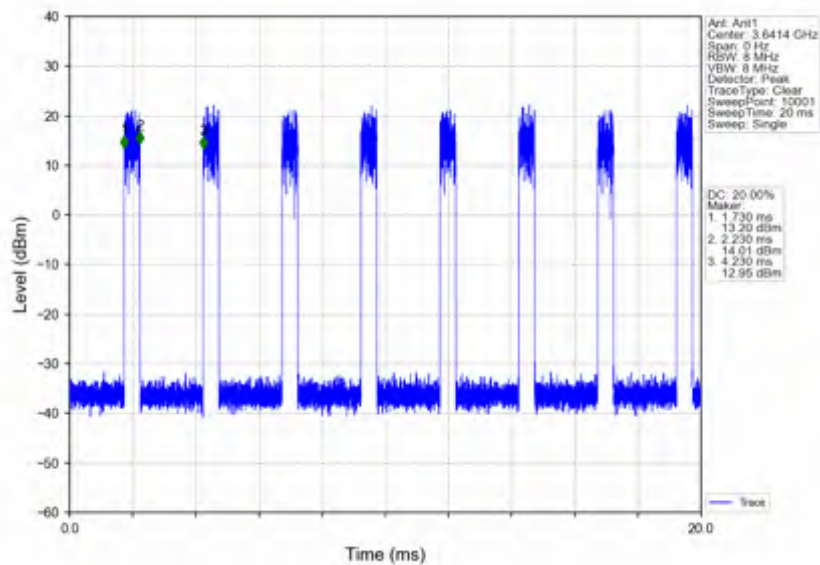


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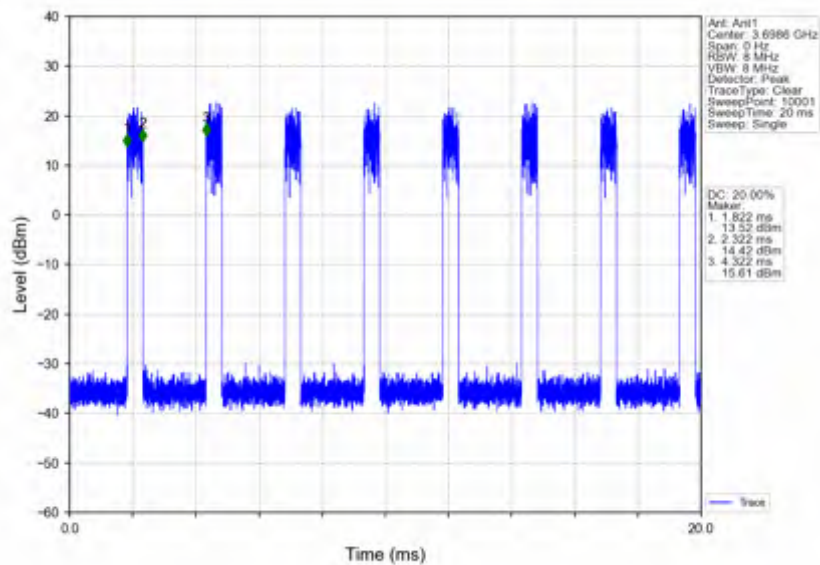
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3669.99MHz\_Inner\_1RB\_Left



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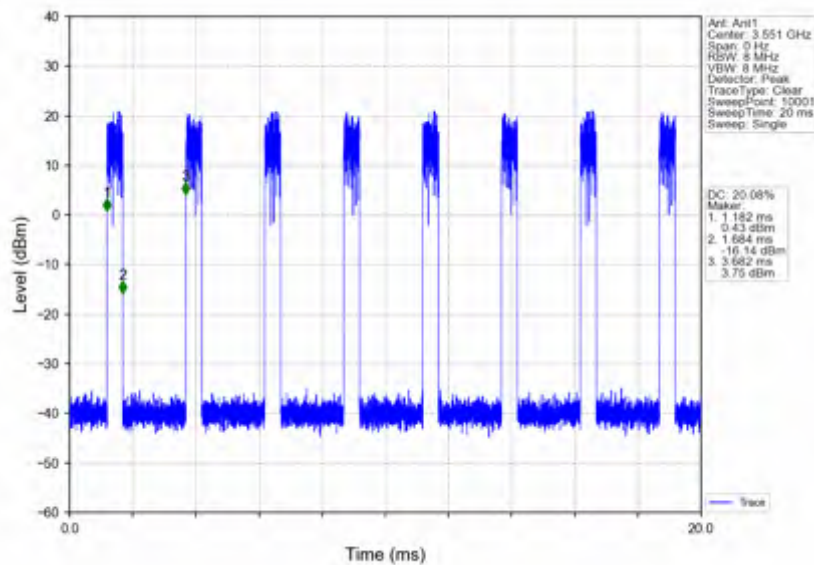


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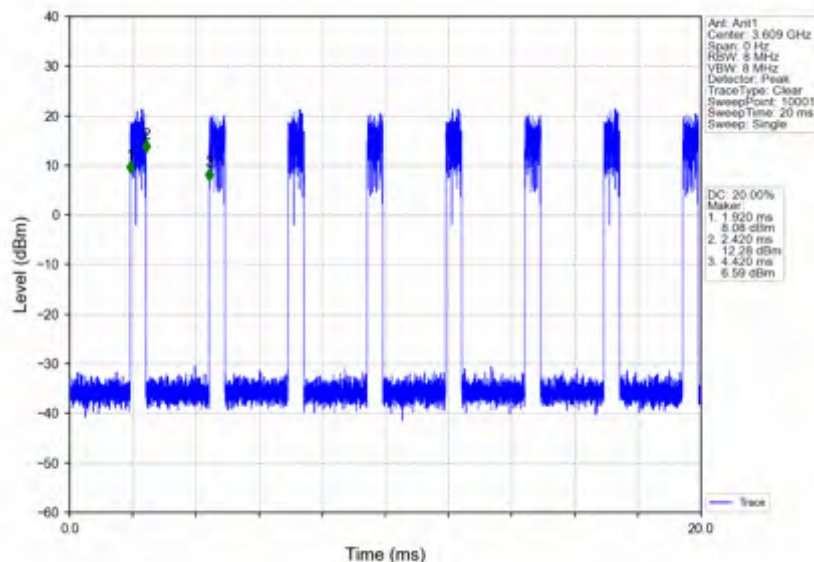
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_16\_QAM\_3580.02MHz\_Edge\_1RB\_Left



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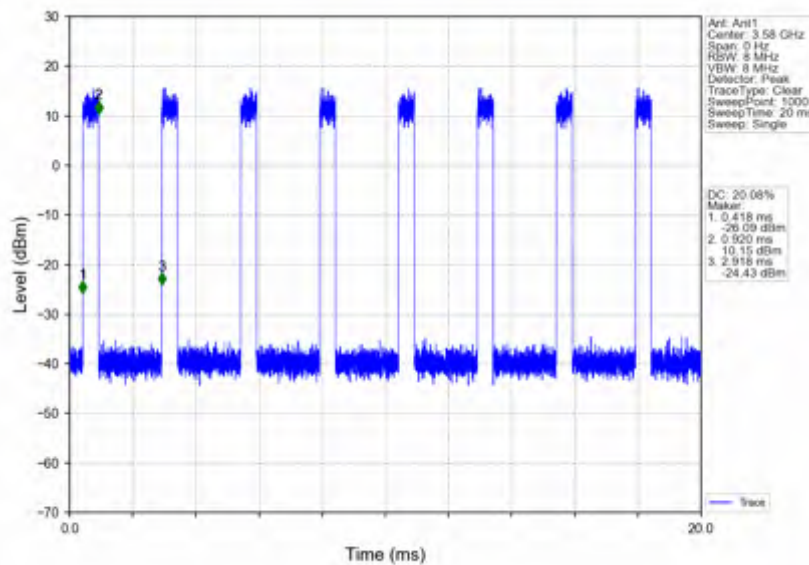


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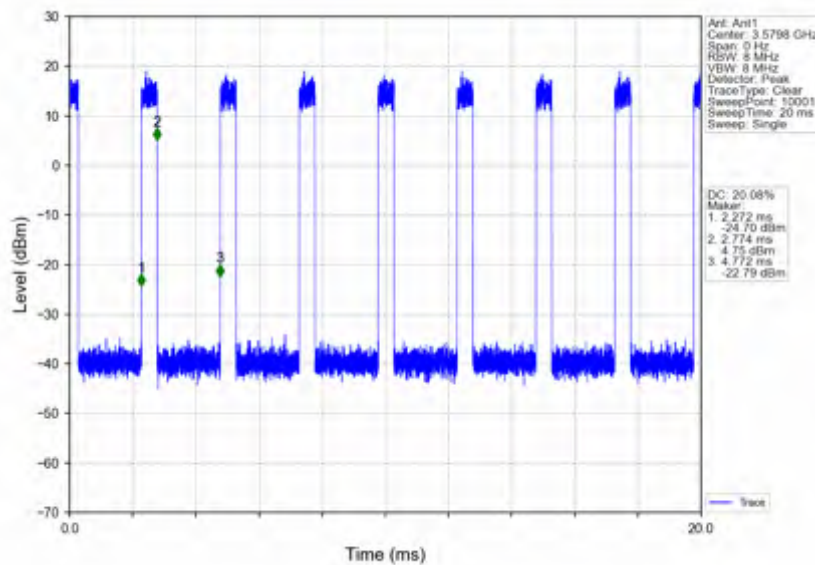
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 16 QAM 3580.02MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 16 QAM 3580.02MHz\_Inner\_Full



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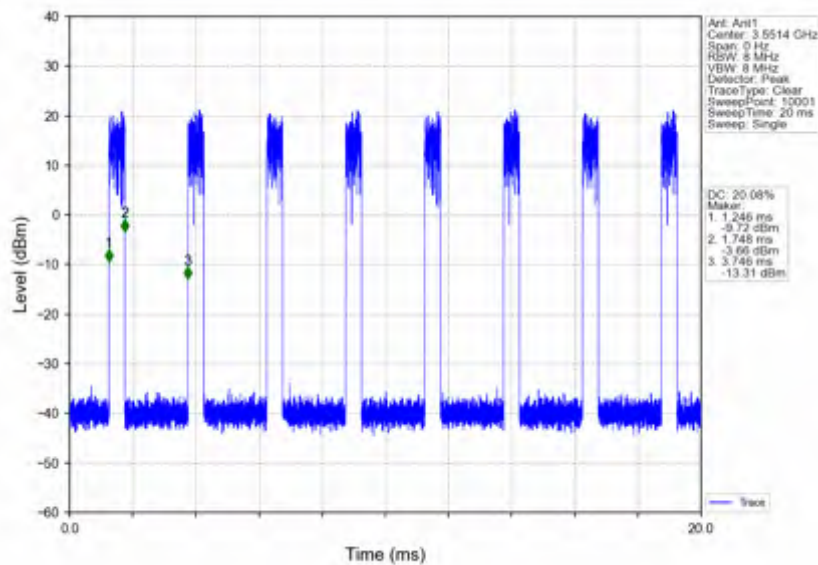
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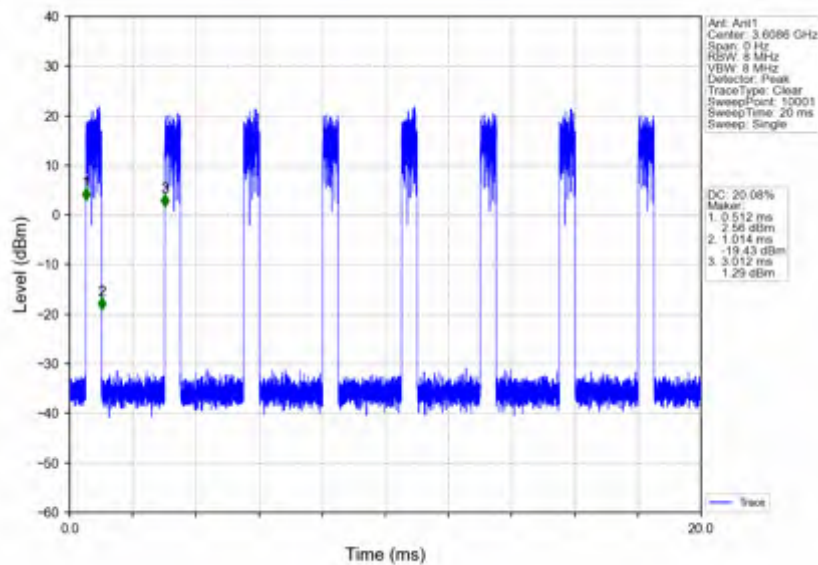
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_16\_QAM\_3580.02MHz\_Inner\_1RB\_Left



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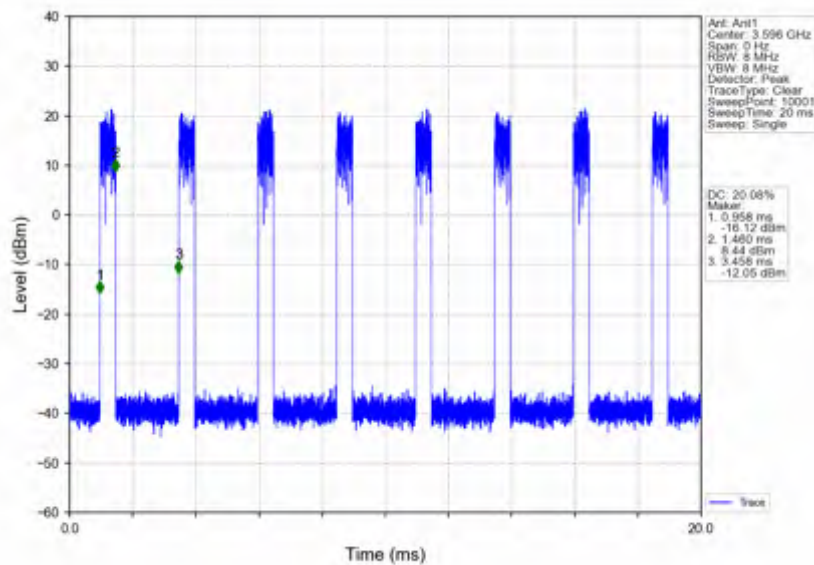


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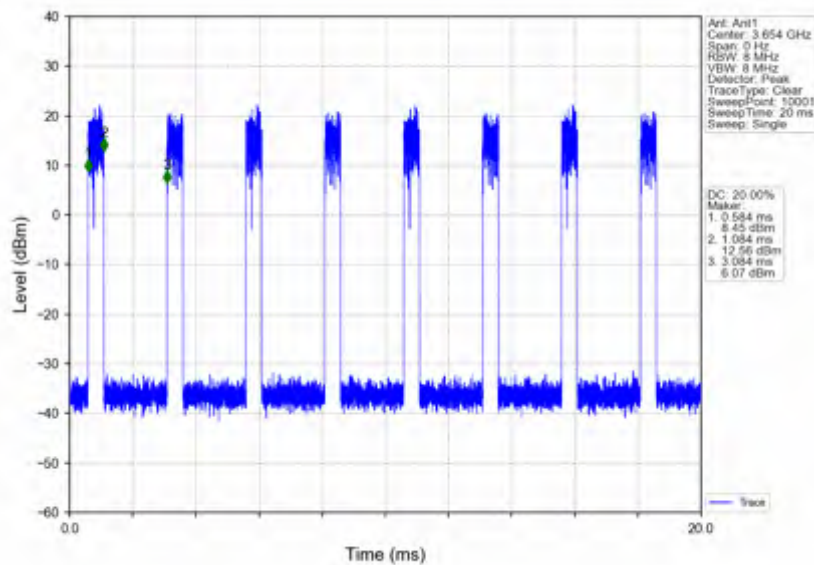
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_16\_QAM\_3624.99MHz\_Edge\_1RB\_Left



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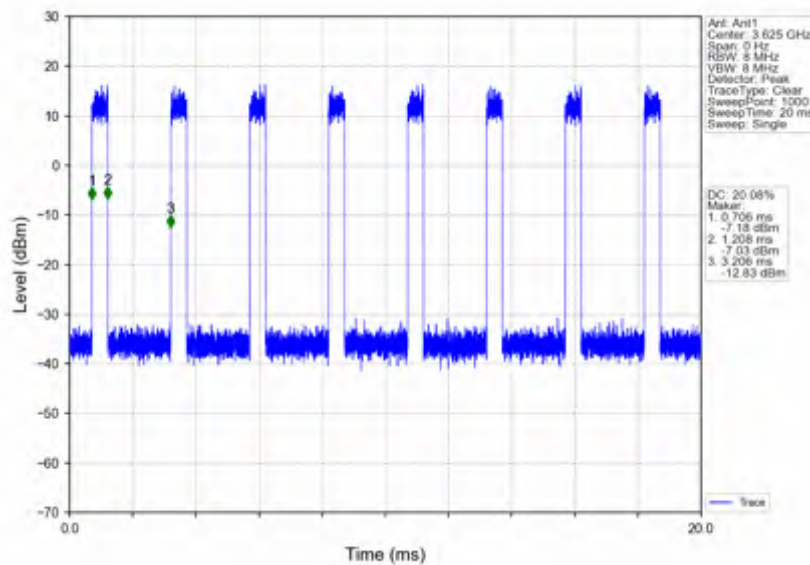


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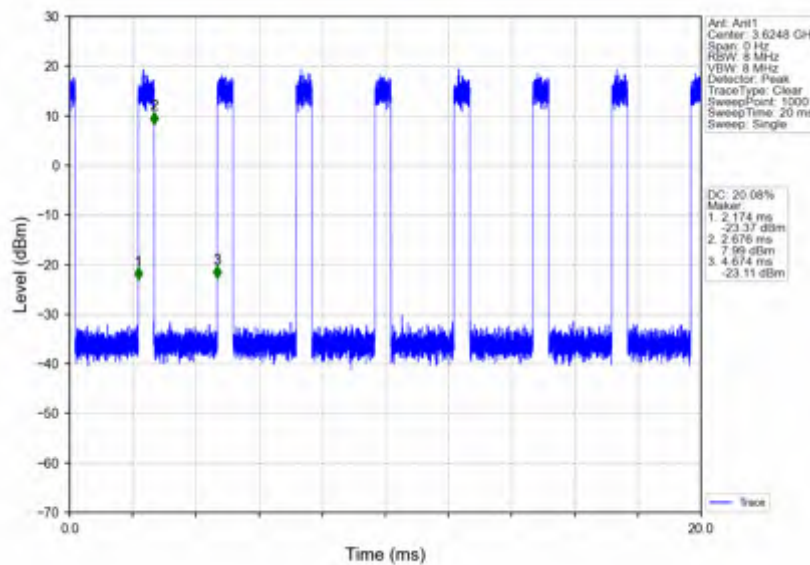
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_16\_QAM\_3624.99MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_16\_QAM\_3624.99MHz\_Inner\_Full



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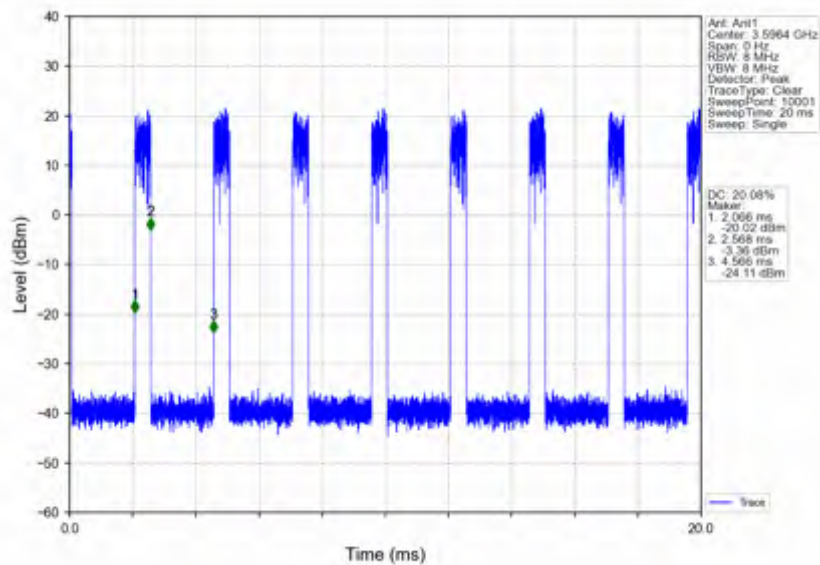
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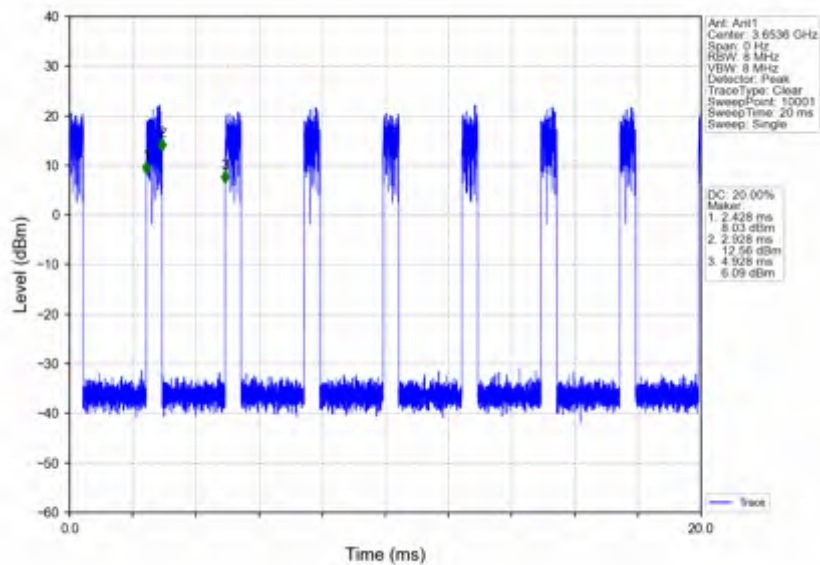
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_16\_QAM\_3624.99MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_16\_QAM\_3624.99MHz\_Inner\_1RB\_Right



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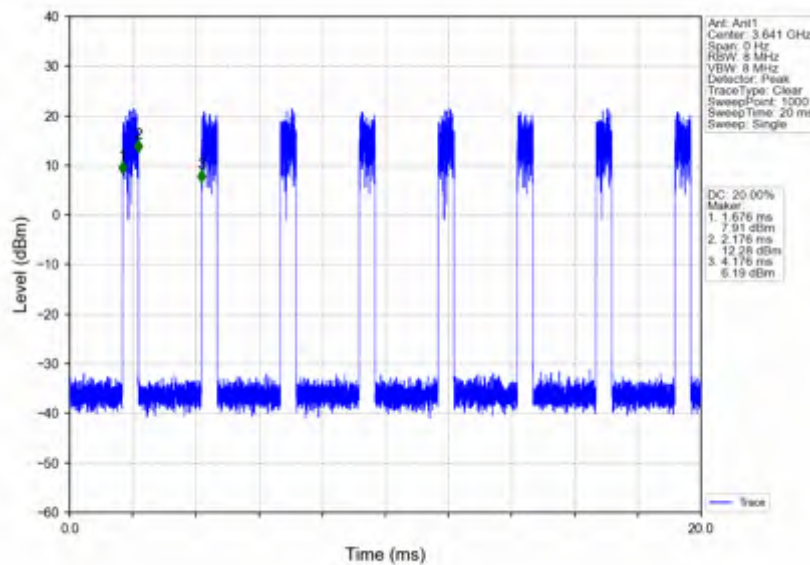
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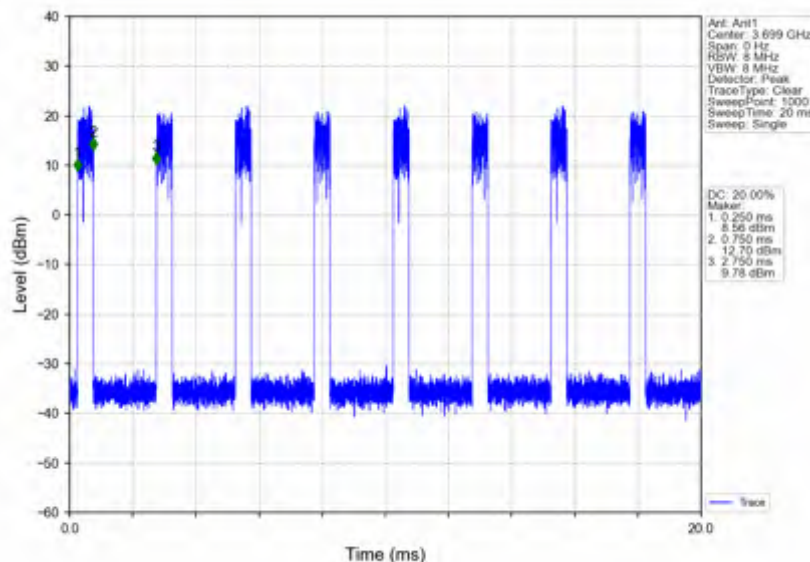
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 16 QAM\_3669.99MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 16 QAM\_3669.99MHz\_Edge\_1RB\_Right



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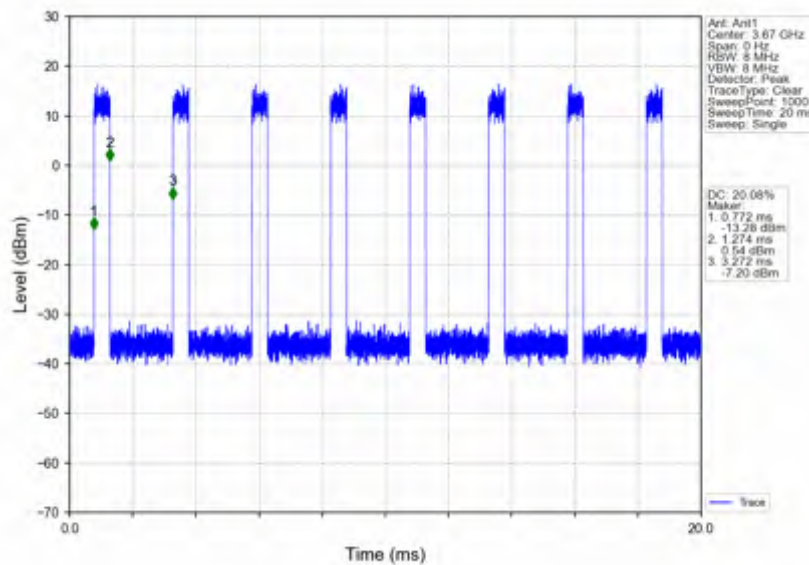
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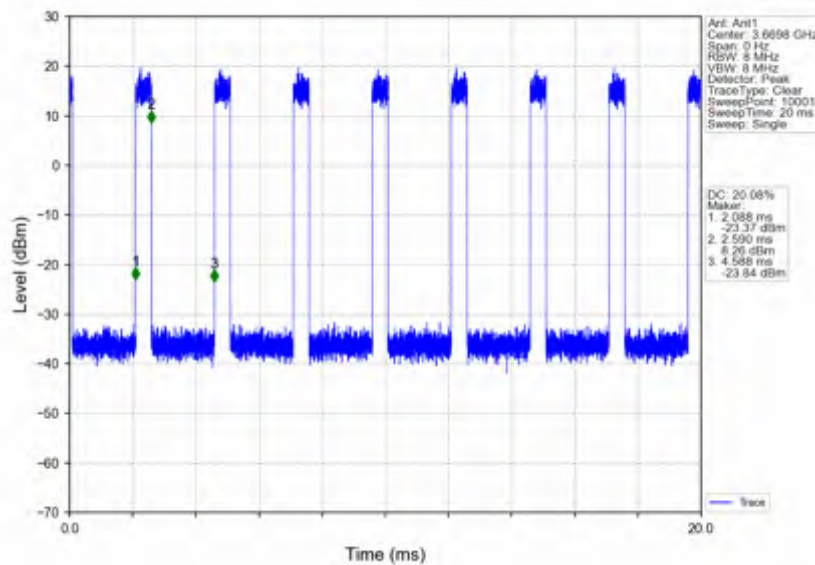
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_16\_QAM\_3669.99MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_16\_QAM\_3669.99MHz\_Inner\_Full



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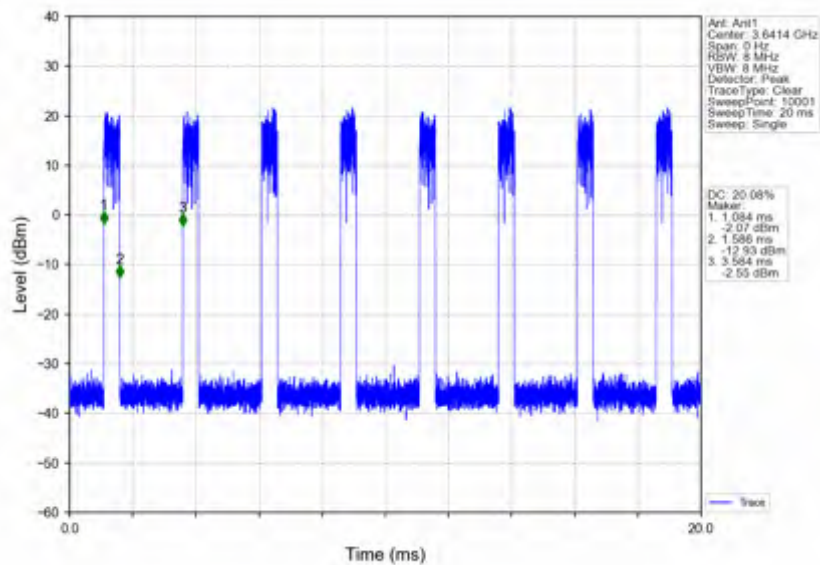
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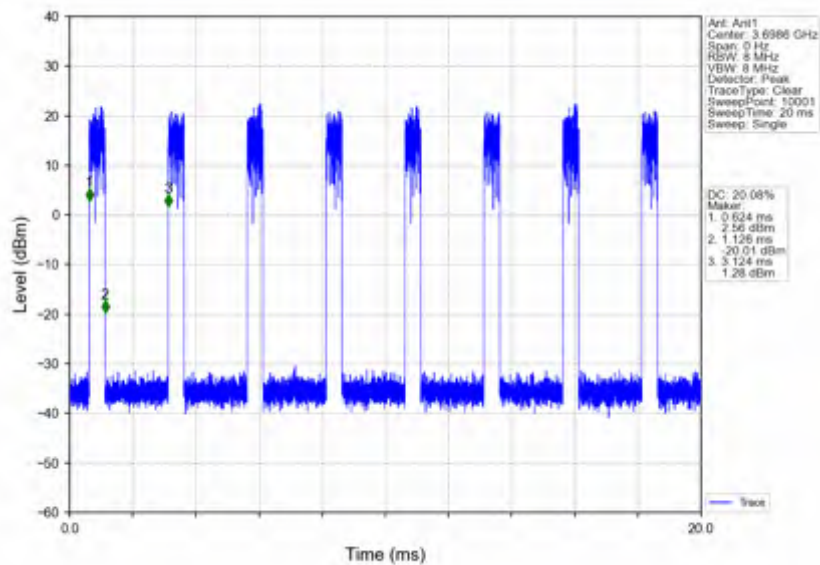
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_16\_QAM\_3669.99MHz\_Inner\_1RB\_Left



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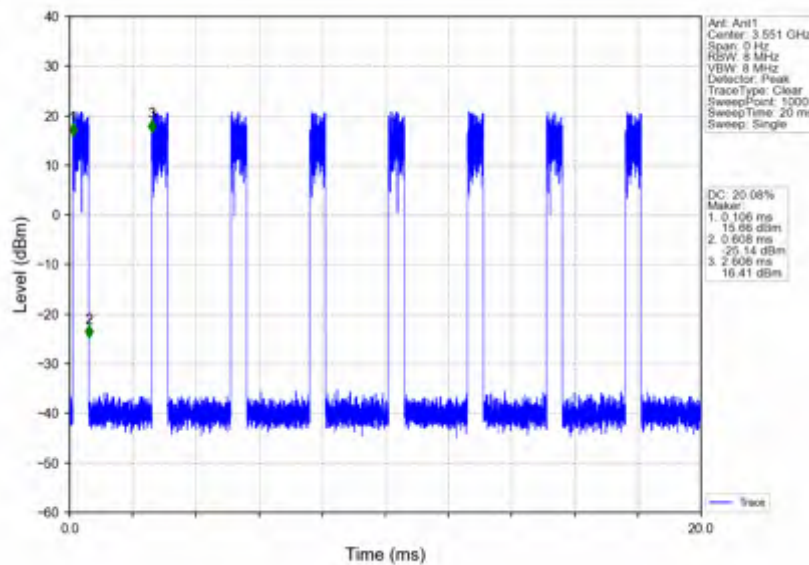


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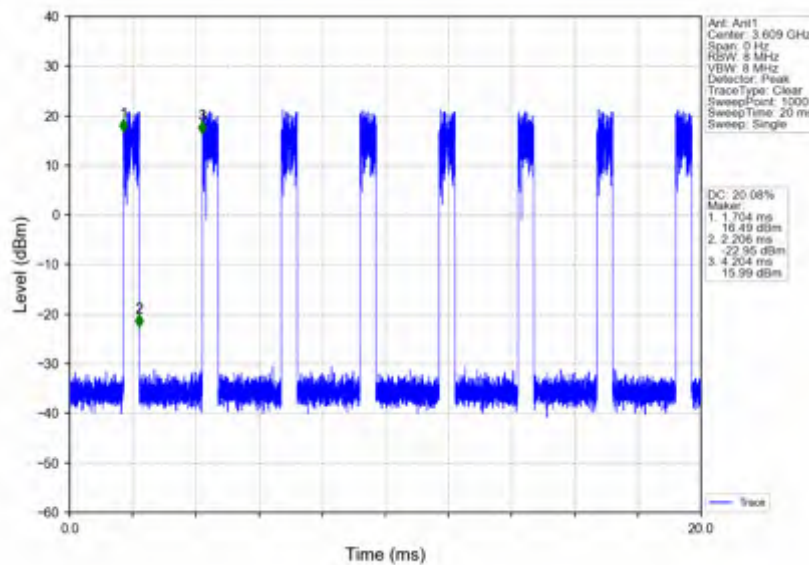
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 64 QAM\_3580.02MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 64 QAM\_3580.02MHz\_Edge\_1RB\_Right

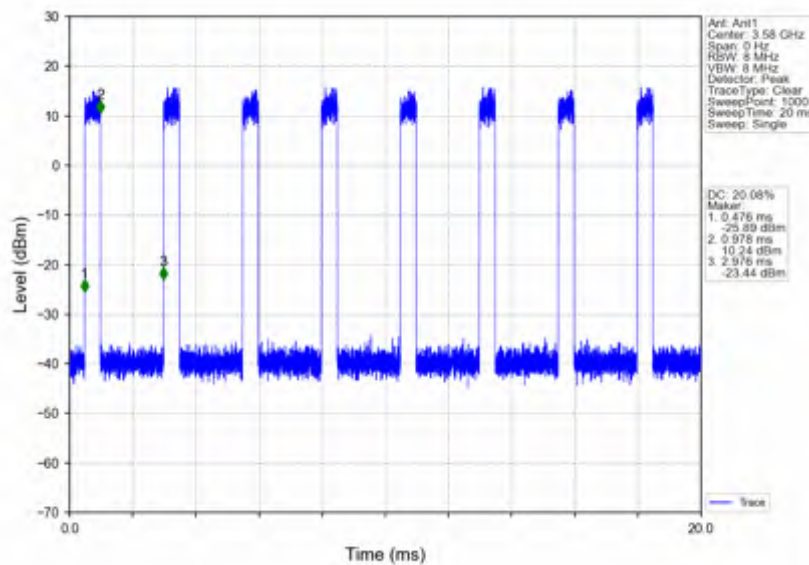


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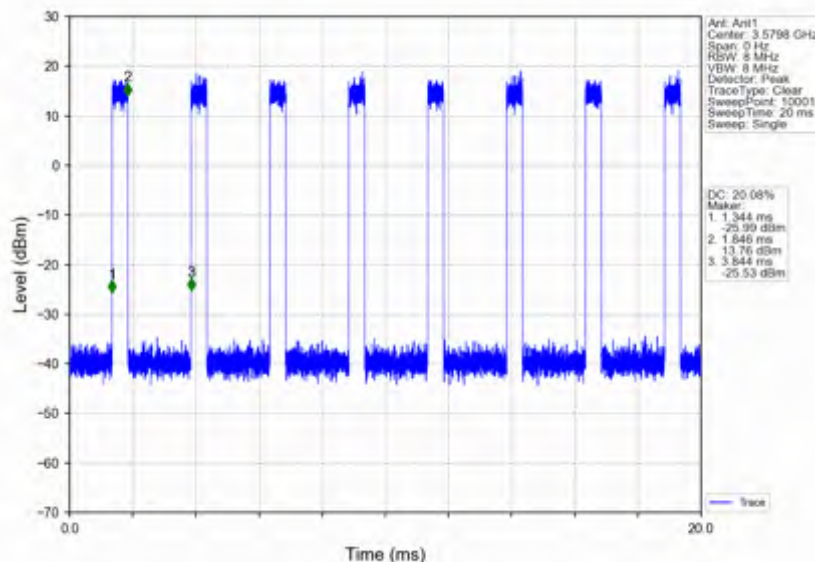
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_64\_QAM\_3580.02MHz\_Outer\_Full



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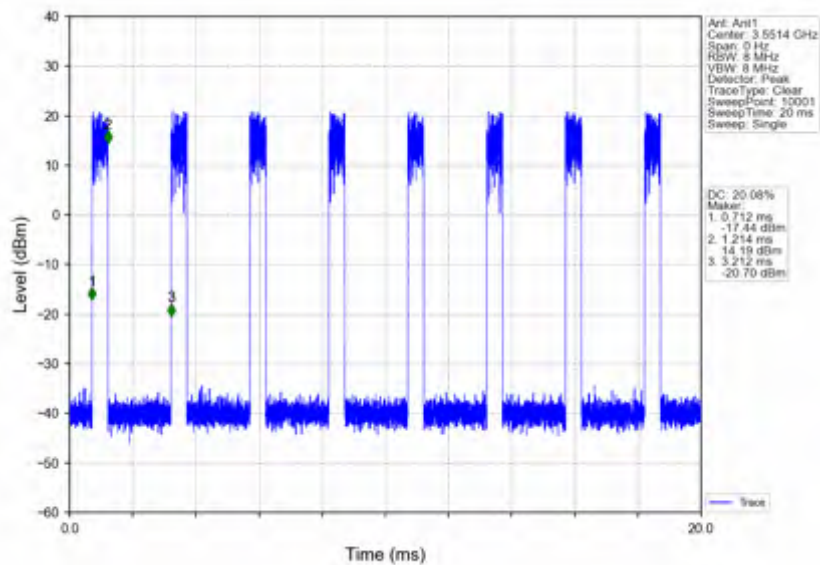


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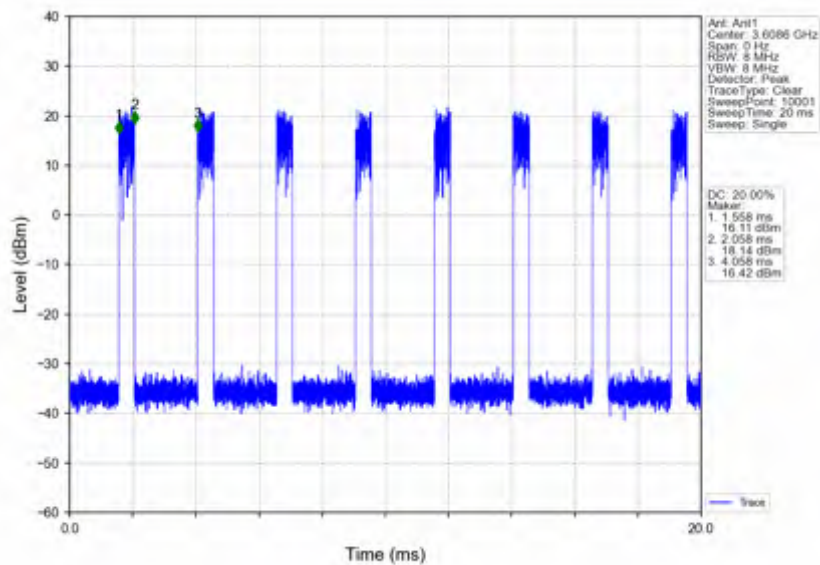
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_64\_QAM\_3580.02MHz\_Inner\_1RB\_Left



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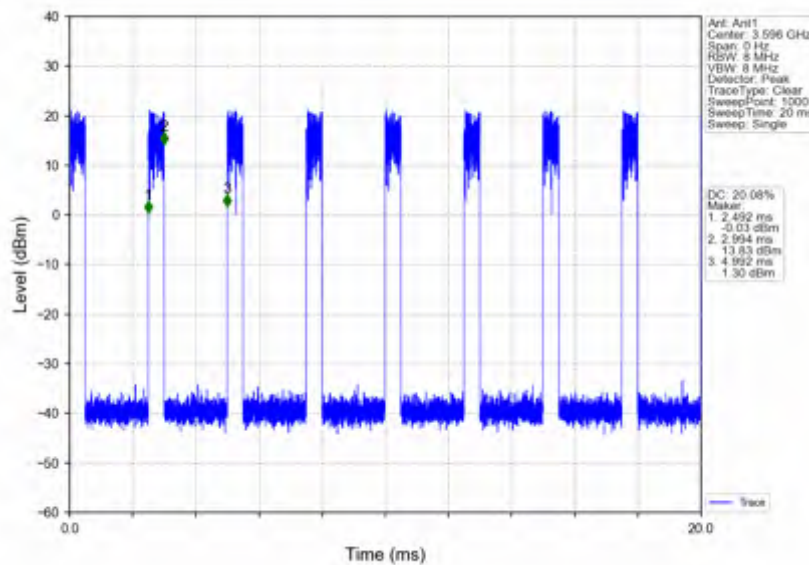


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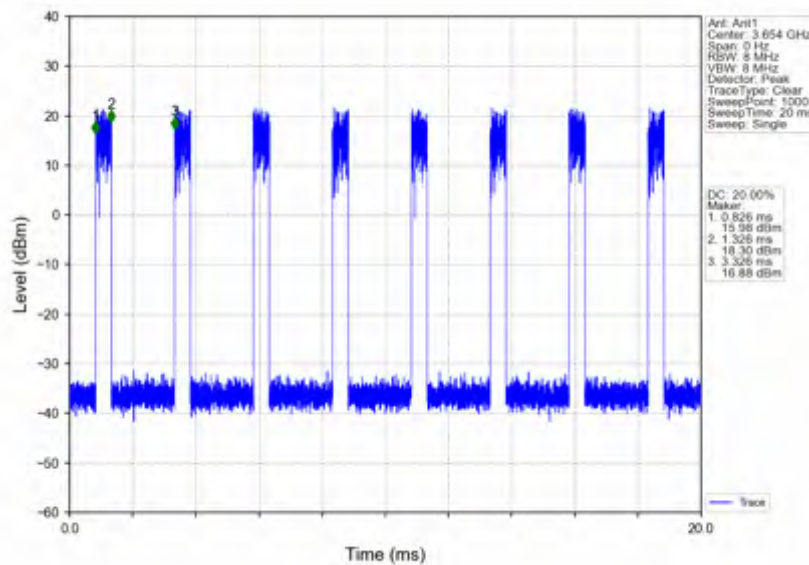
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Edge\_1RB\_Right



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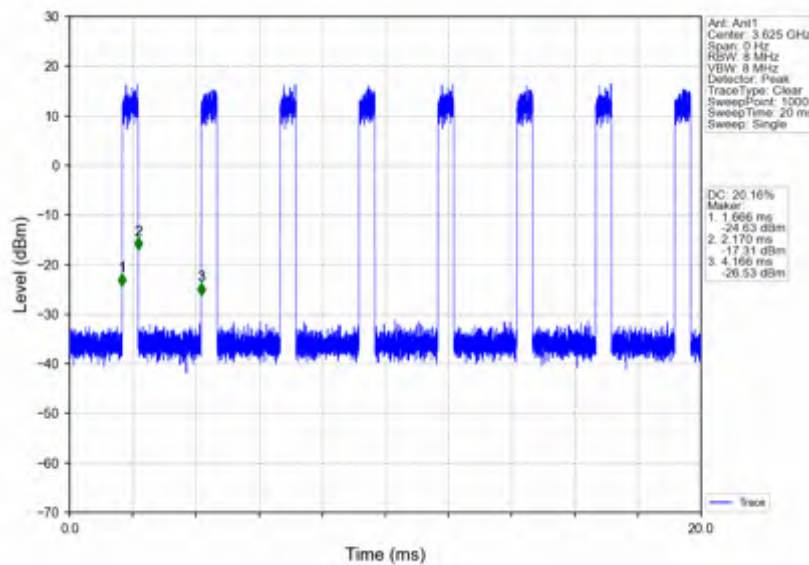
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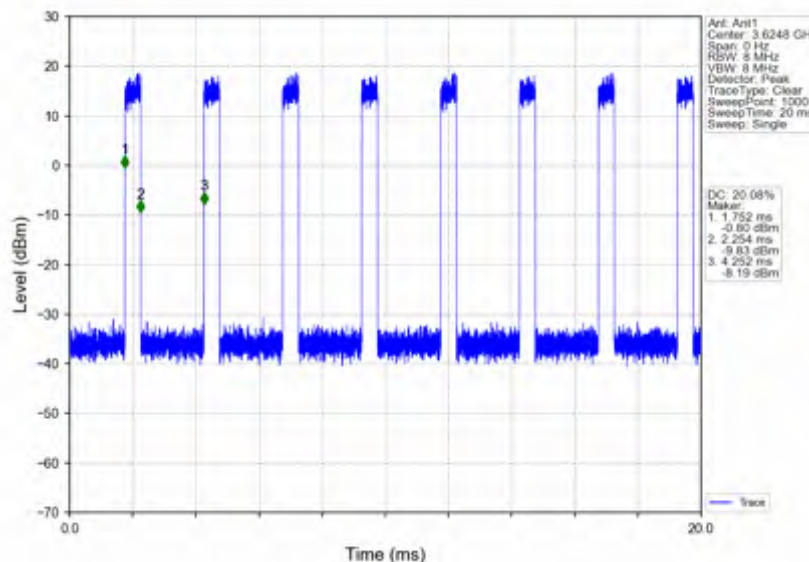
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Inner\_Full



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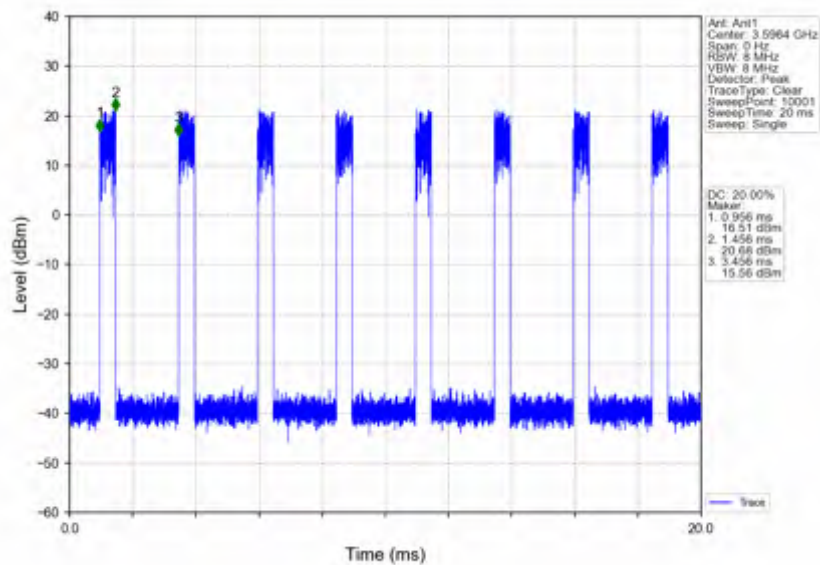
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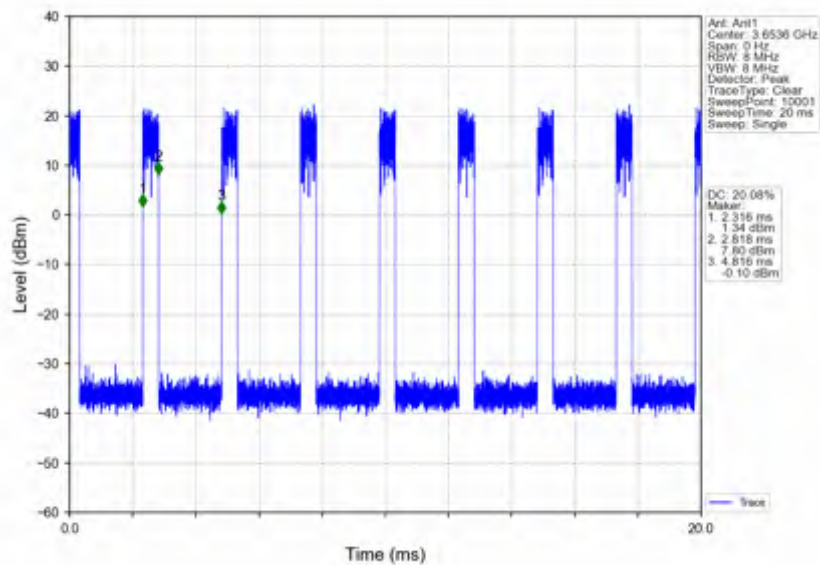
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_64\_QAM\_3624.99MHz\_Inner\_1RB\_Left



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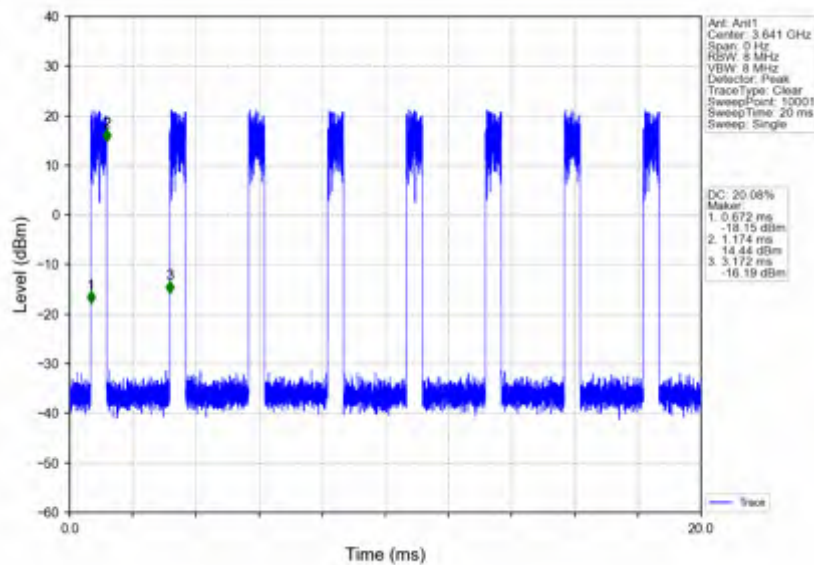


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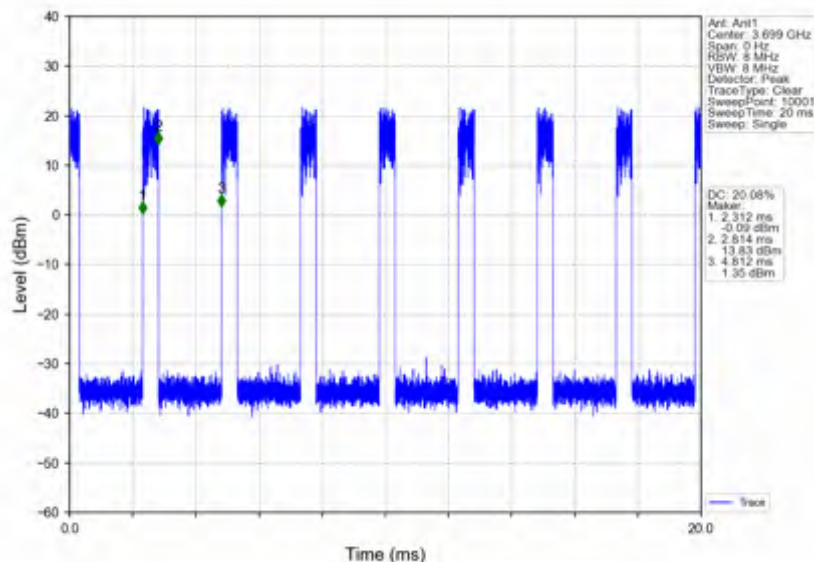
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_64\_QAM\_3669.99MHz\_Edge\_1RB\_Left



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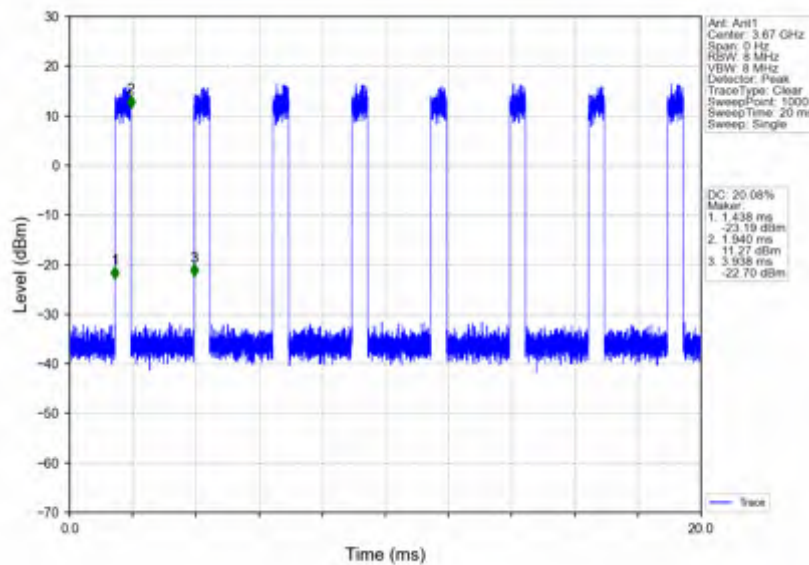
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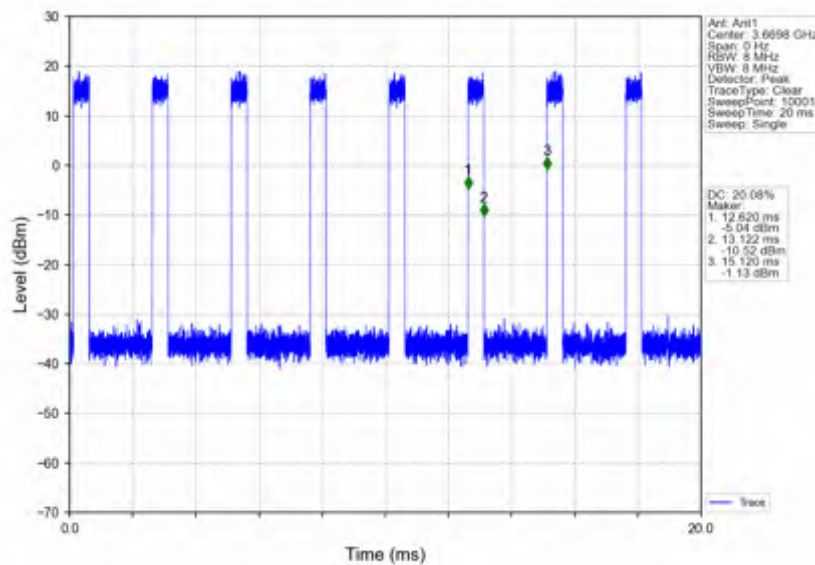
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 64 QAM\_3669.99MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 64 QAM\_3669.99MHz\_Inner\_Full



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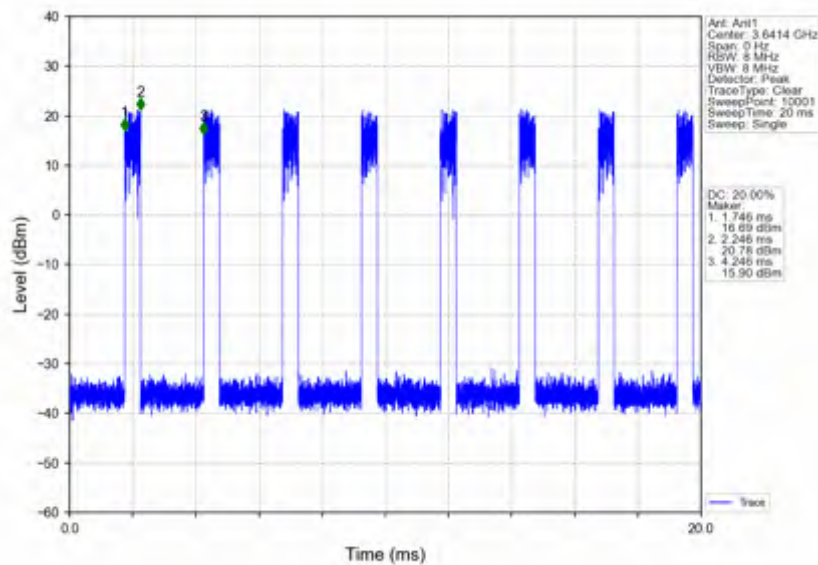
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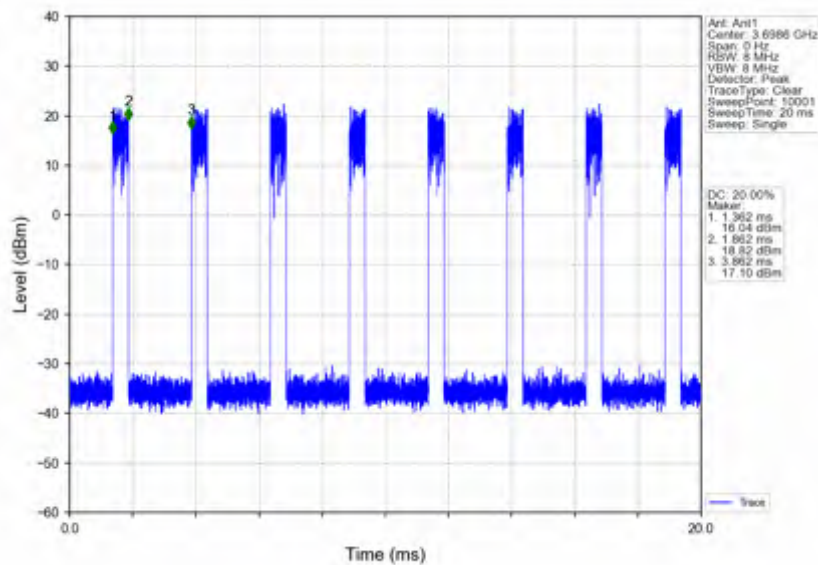
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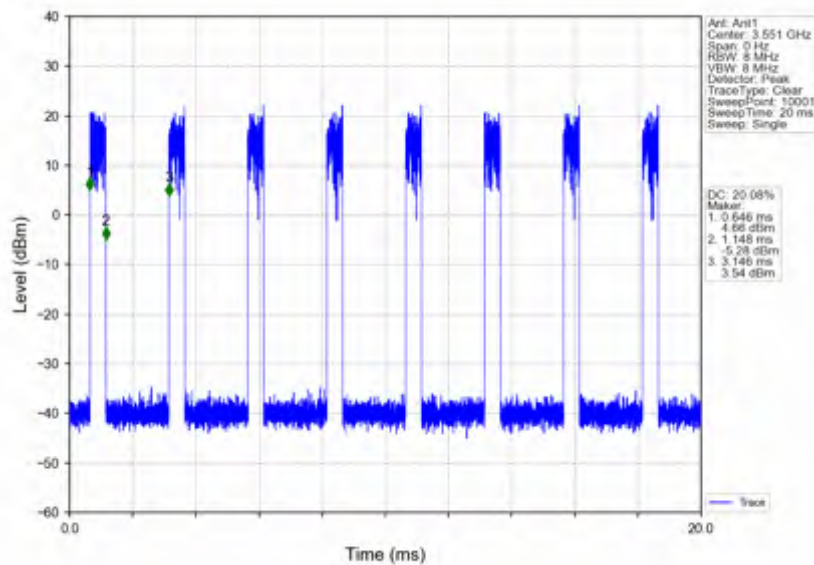
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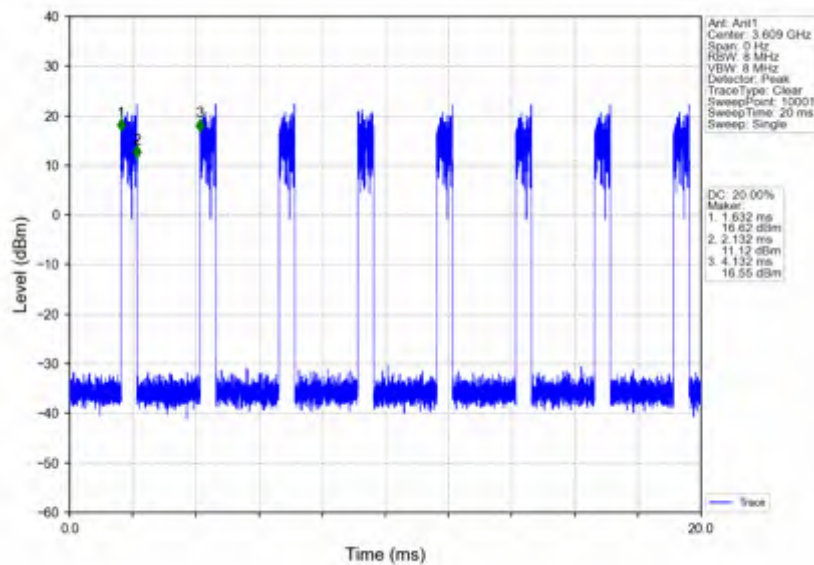
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3580.02MHz\_Edge\_1RB\_Left



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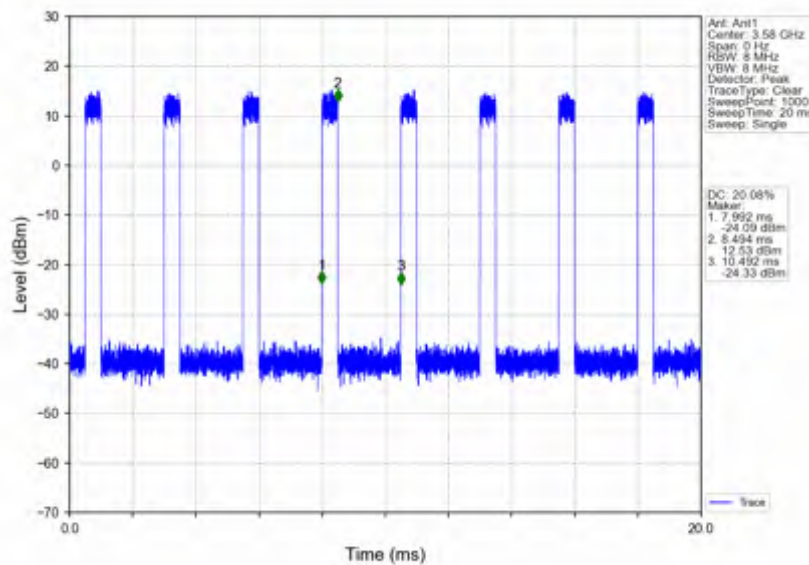


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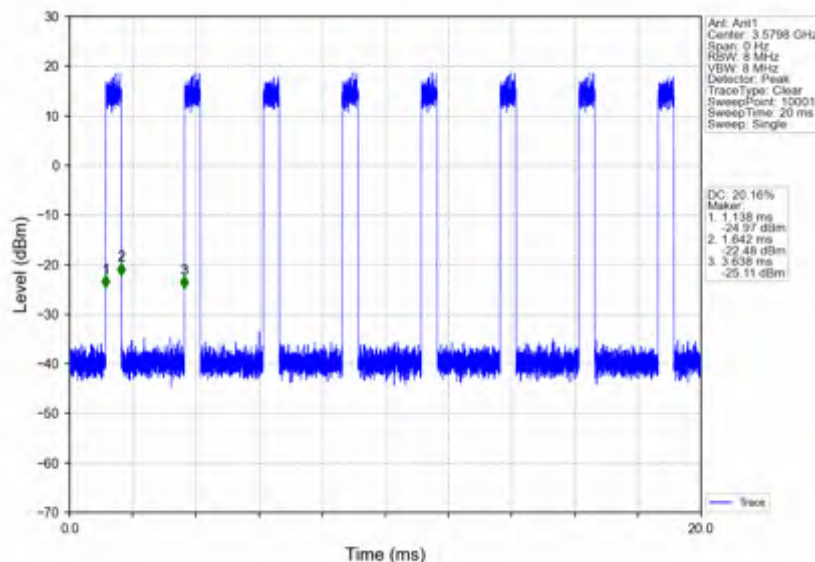
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3580.02MHz\_Outer\_Full



|      |       |      |      |       |         |         |            |       |      |
|------|-------|------|------|-------|---------|---------|------------|-------|------|
| n78d | 30kHz | SISO | NTNV | 60MHz | CP-OFDM | 256 QAM | 3580.02MHz | Inner | Full |
|------|-------|------|------|-------|---------|---------|------------|-------|------|

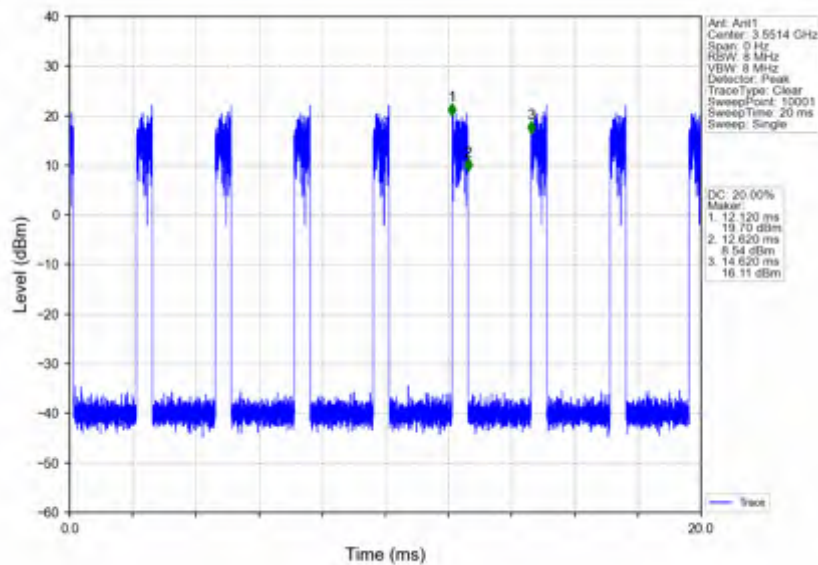


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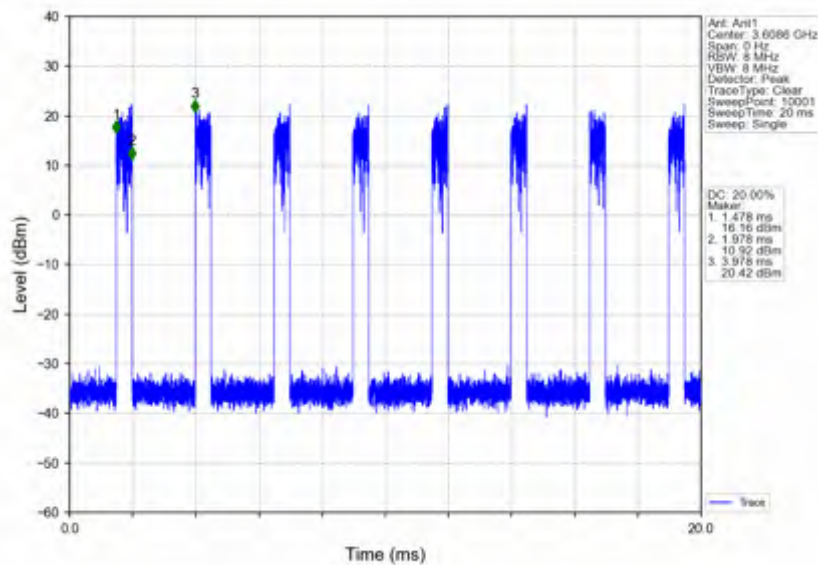
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3580.02MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3580.02MHz\_Inner\_1RB\_Right



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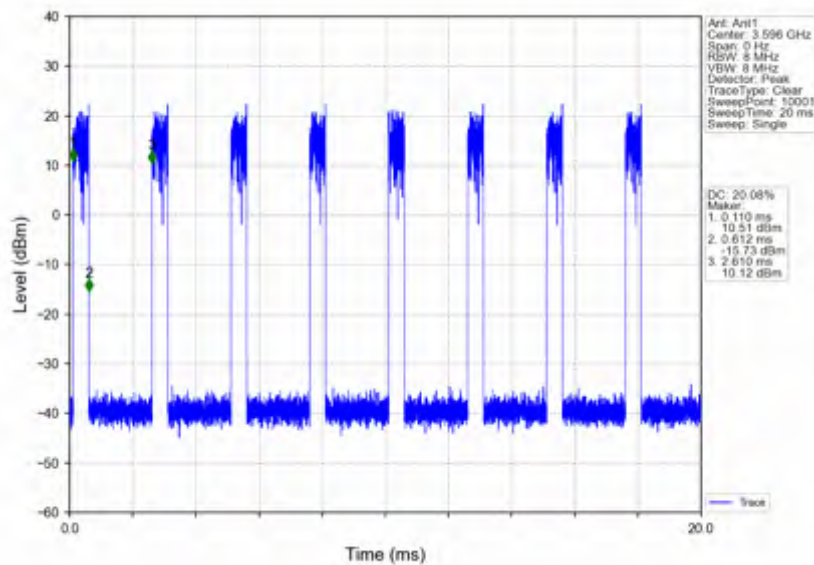
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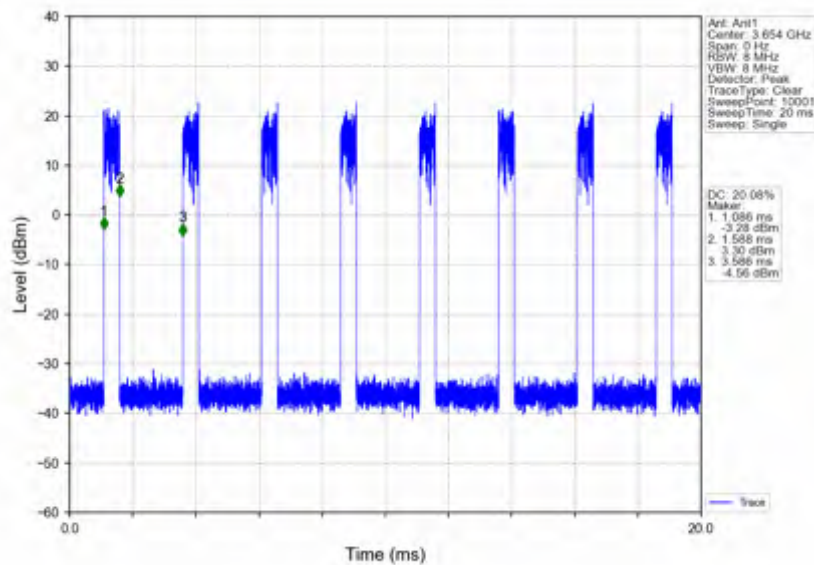
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3624.99MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3624.99MHz\_Edge\_1RB\_Right

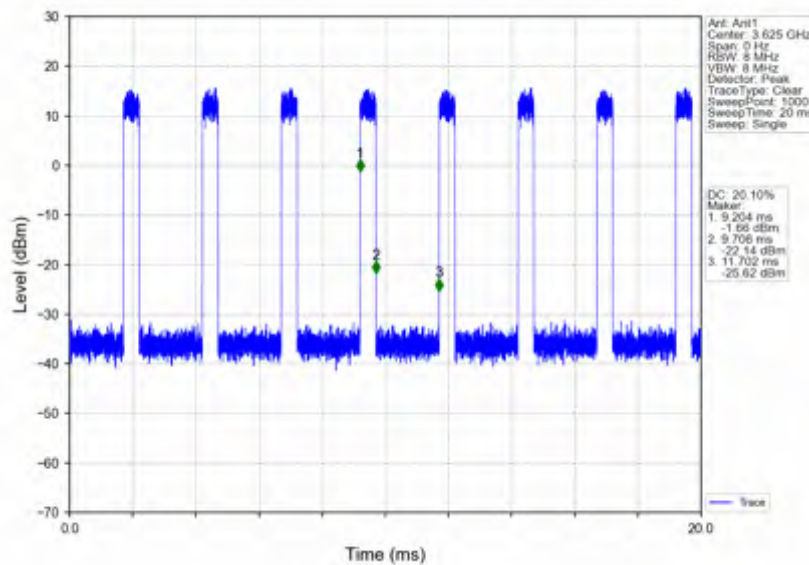


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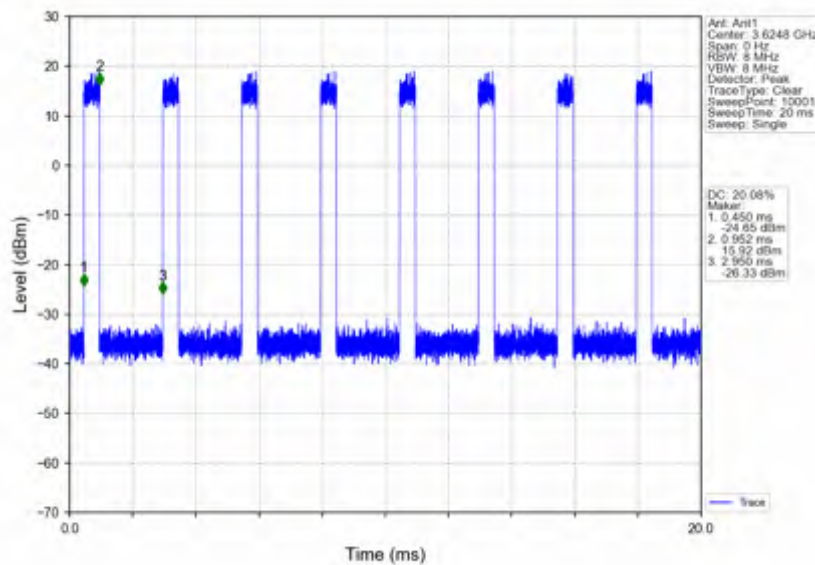
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86-5125735688 86-5125737011 sgs.china@sgs.com

n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3624.99MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3624.99MHz\_Inner\_Full



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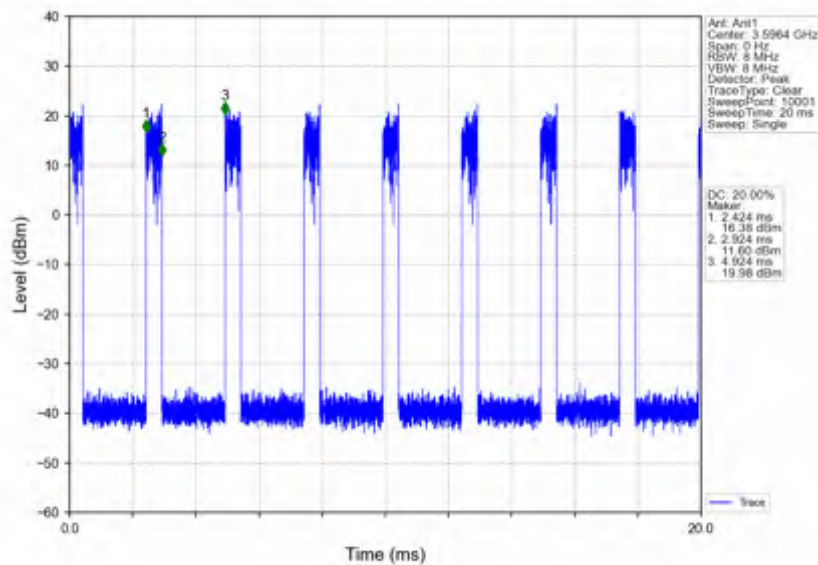
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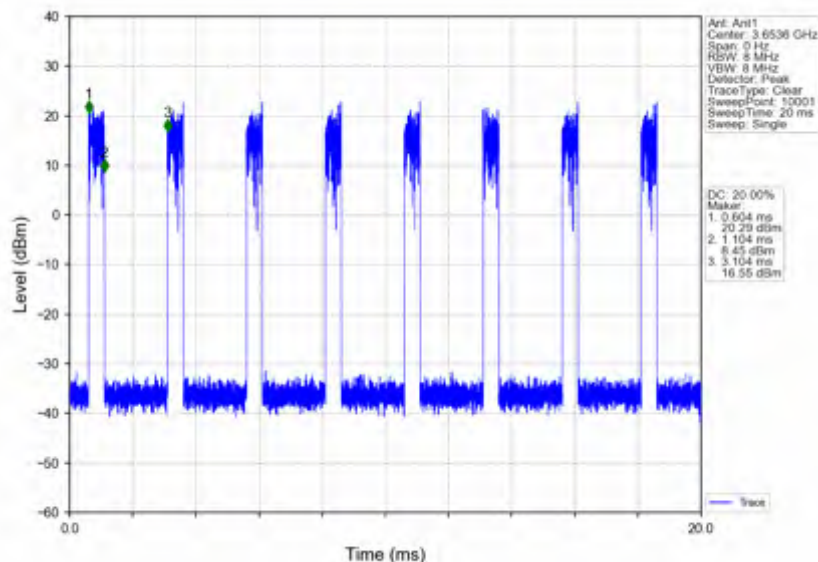
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3624.99MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3624.99MHz\_Inner\_1RB\_Right



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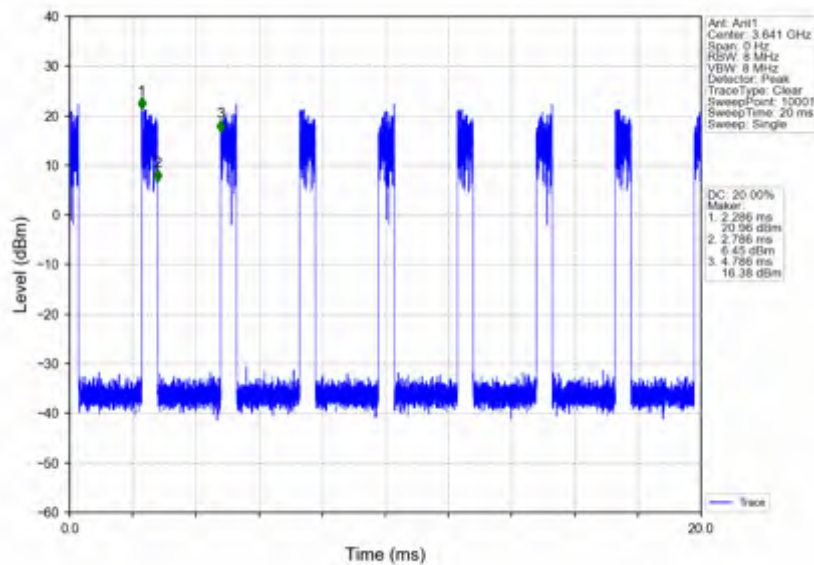
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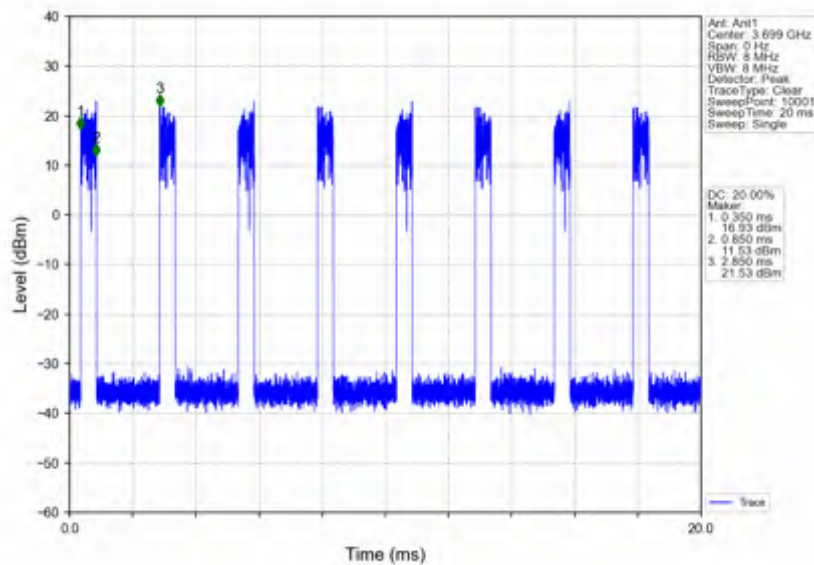
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3669.99MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3669.99MHz\_Edge\_1RB\_Right



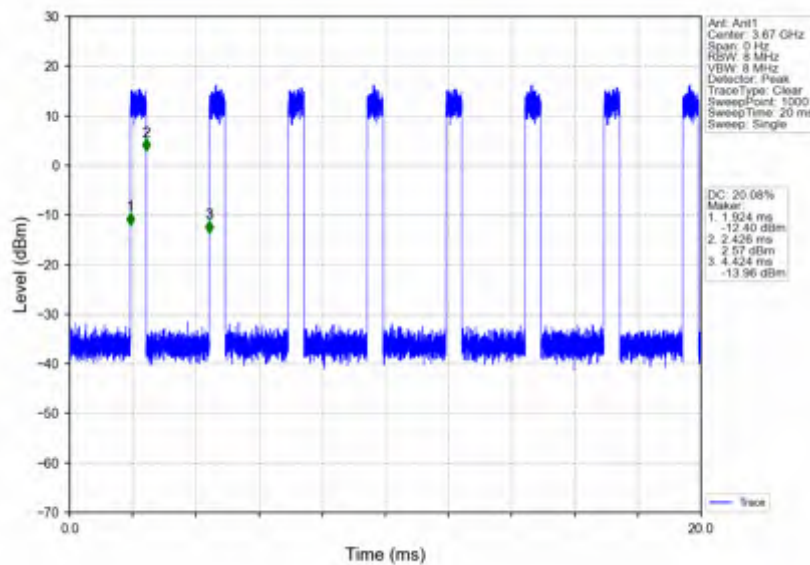
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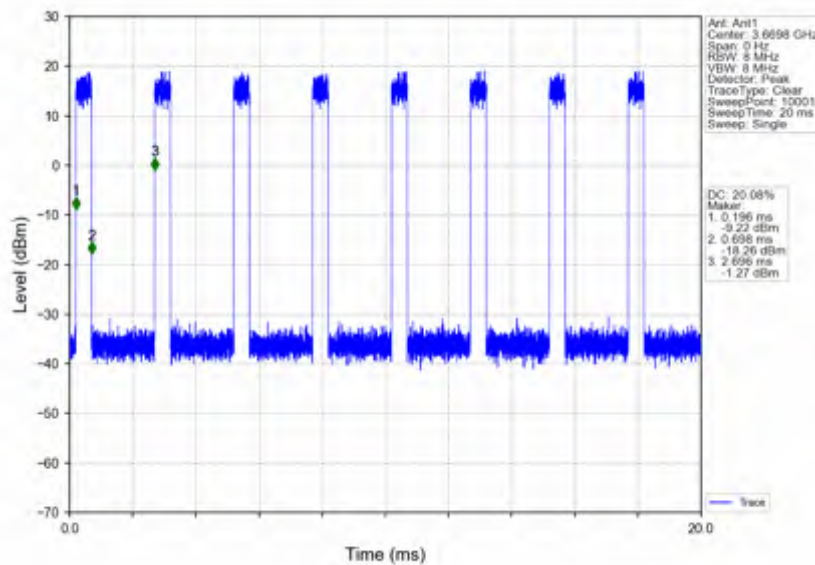
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3669.99MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3669.99MHz\_Inner\_Full

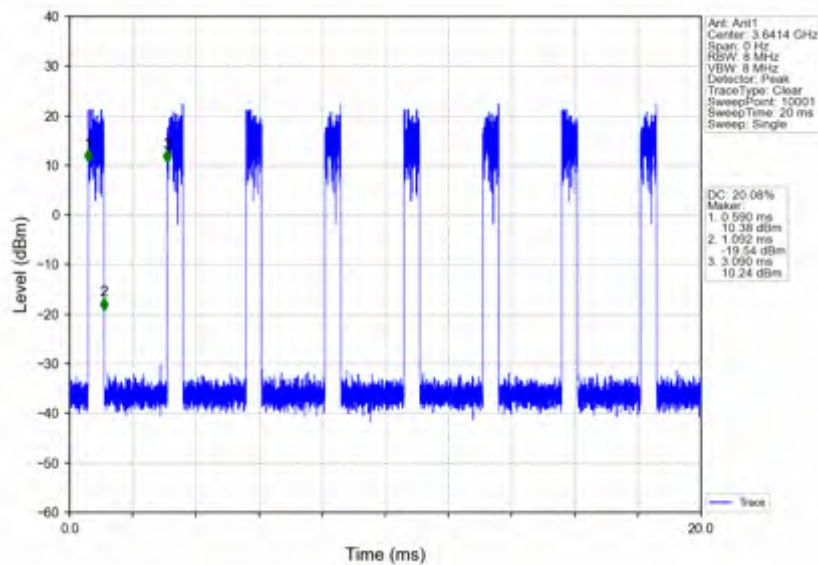


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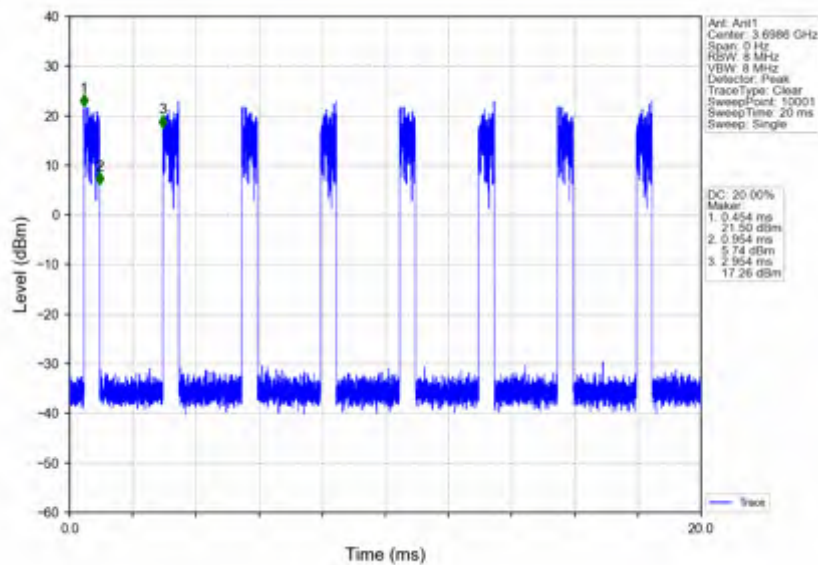
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n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3669.99MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256\_QAM\_3669.99MHz\_Inner\_1RB\_Right



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## 1.16 30k\_SISO\_70MHz\_NTNV

### 1.16.1 Test Result

| 5G NR n78d SCS=30kHz SISO 70MHz NTNV |                 |                 |           |             |                |                                   |                       |
|--------------------------------------|-----------------|-----------------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Modulation                           | Frequency (MHz) | RB Allocation   | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| DFT-s-OFDM PI/2 BPSK                 | 3585            | Edge_1RB_Left   | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Edge_1RB_Right  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Outer_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_1RB_Left  | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_1RB_Right | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      | 3624.99         | Edge_1RB_Left   | 0.502     | 2.502       | 20.06          | 6.98                              | 0.10                  |
|                                      |                 | Edge_1RB_Right  | 0.502     | 2.500       | 20.08          | 6.97                              | 0.08                  |
|                                      |                 | Outer_Full      | 0.504     | 2.500       | 20.16          | 6.96                              | 0.08                  |
|                                      |                 | Inner_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.08                  |
|                                      |                 | Inner_1RB_Left  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Inner_1RB_Right | 0.500     | 2.500       | 20.00          | 6.99                              | 0.08                  |
|                                      | 3664.98         | Edge_1RB_Left   | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Edge_1RB_Right  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Outer_Full      | 0.500     | 2.500       | 20.00          | 6.99                              | 0.08                  |
|                                      |                 | Inner_Full      | 0.500     | 2.498       | 20.02          | 6.99                              | 0.06                  |
|                                      |                 | Inner_1RB_Left  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.08                  |
|                                      |                 | Inner_1RB_Right | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
| DFT-s-OFDM QPSK                      | 3585            | Edge_1RB_Left   | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Edge_1RB_Right  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Outer_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_1RB_Left  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Inner_1RB_Right | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      | 3624.99         | Edge_1RB_Left   | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Edge_1RB_Right  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Outer_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_1RB_Left  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Inner_1RB_Right | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      | 3664.98         | Edge_1RB_Left   | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Edge_1RB_Right  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Outer_Full      | 0.502     | 2.502       | 20.06          | 6.98                              | 0.02                  |
|                                      |                 | Inner_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_1RB_Left  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Inner_1RB_Right | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
| DFT-s-OFDM 16 QAM                    | 3585            | Edge_1RB_Left   | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Edge_1RB_Right  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Outer_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_Full      | 0.502     | 2.498       | 20.10          | 6.97                              | 0.06                  |
|                                      |                 | Inner_1RB_Left  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Inner_1RB_Right | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      | 3624.99         | Edge_1RB_Left   | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Edge_1RB_Right  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.08                  |



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|                    |         |                 |       |       |       |      |      |
|--------------------|---------|-----------------|-------|-------|-------|------|------|
|                    |         | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.06 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.08 |
|                    |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    | 3664.98 | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.02 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Left  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
| DFT-s-OFDM 64 QAM  | 3585    | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Left  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    | 3624.99 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Left  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    | 3664.98 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
| DFT-s-OFDM 256 QAM | 3585    | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.08 |
|                    |         | Inner_1RB_Left  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    | 3624.99 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.06 |
|                    |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    | 3664.98 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
| CP-OFDM QPSK       | 3585    | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.504 | 2.500 | 20.16 | 6.96 | 0.00 |
|                    |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    | 3624.99 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.08 |
|                    |         | Edge_1RB_Right  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |



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|                 |         |                 |       |       |       |      |      |
|-----------------|---------|-----------------|-------|-------|-------|------|------|
|                 |         | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.08 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 | 3664.98 | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.08 |
|                 |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
| CP-OFDM 16 QAM  | 3585    | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 | 3624.99 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 | 3664.98 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.08 |
|                 |         | Edge_1RB_Right  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
| CP-OFDM 64 QAM  | 3585    | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.08 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.08 |
|                 |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 | 3624.99 | Outer_Full      | 0.500 | 2.498 | 20.02 | 6.99 | 0.06 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 | 3664.98 | Outer_Full      | 0.500 | 2.500 | 20.00 | 6.99 | 0.08 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
| CP-OFDM 256 QAM | 3585    | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 | 3624.99 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |



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 056-512157350888 056-512157370910 sgs.china@sgs.com

|  |         |                 |       |       |       |      |      |
|--|---------|-----------------|-------|-------|-------|------|------|
|  |         | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|  |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.08 |
|  |         | Inner_1RB_Left  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|  |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|  | 3664.98 | Edge_1RB_Left   | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|  |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|  |         | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.08 |
|  |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|  |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|  |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |



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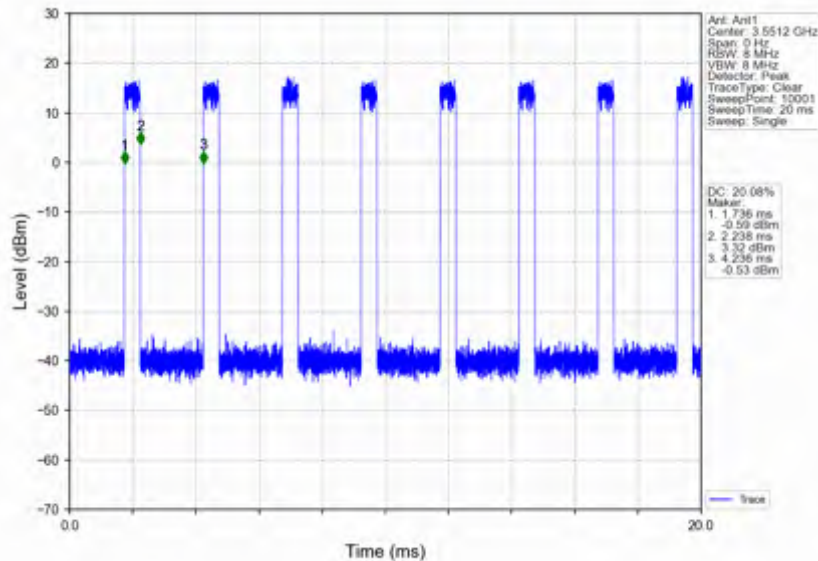
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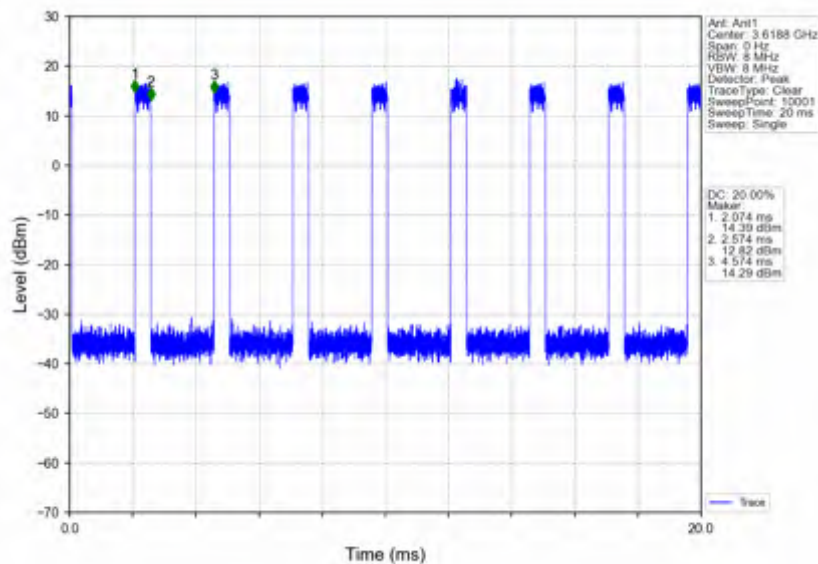
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(86-512)57350000 (86-512)57370010 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## 1.16.2 Test Graph

n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3585MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3585MHz\_Edge\_1RB\_Right



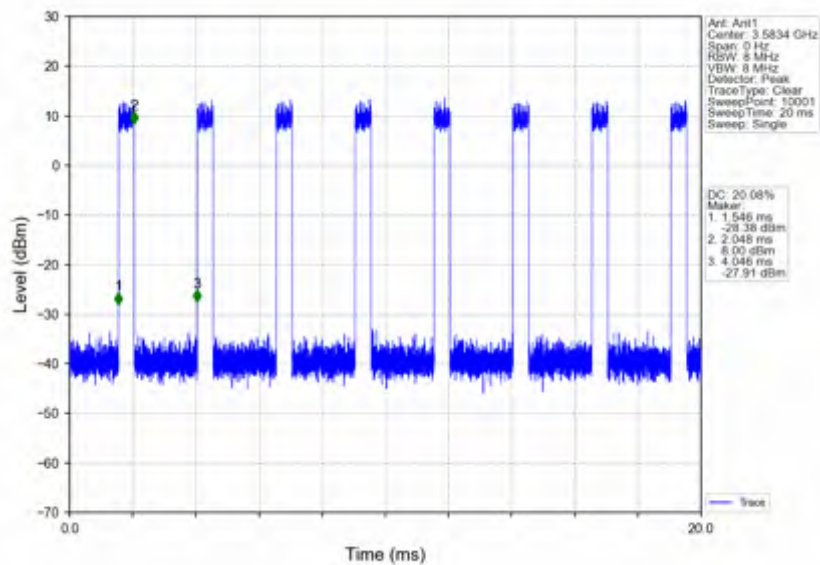
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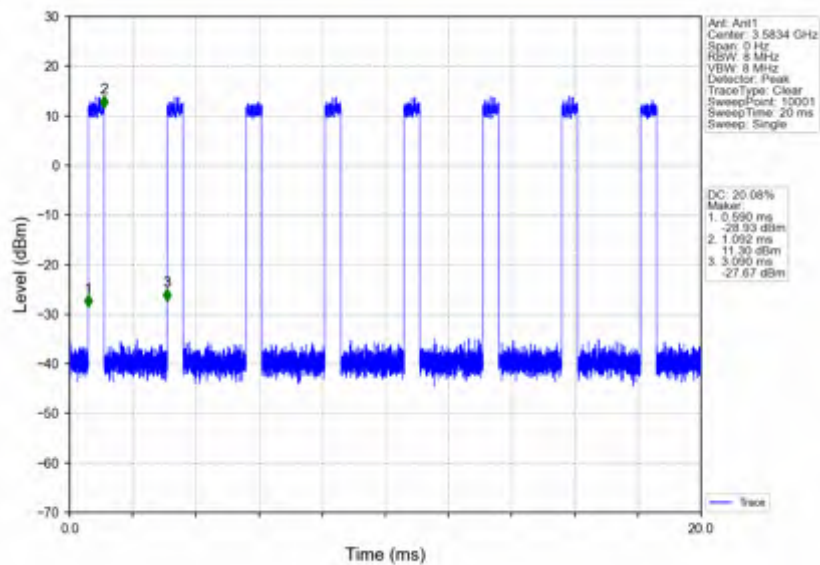
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3585MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3585MHz\_Inner\_Full

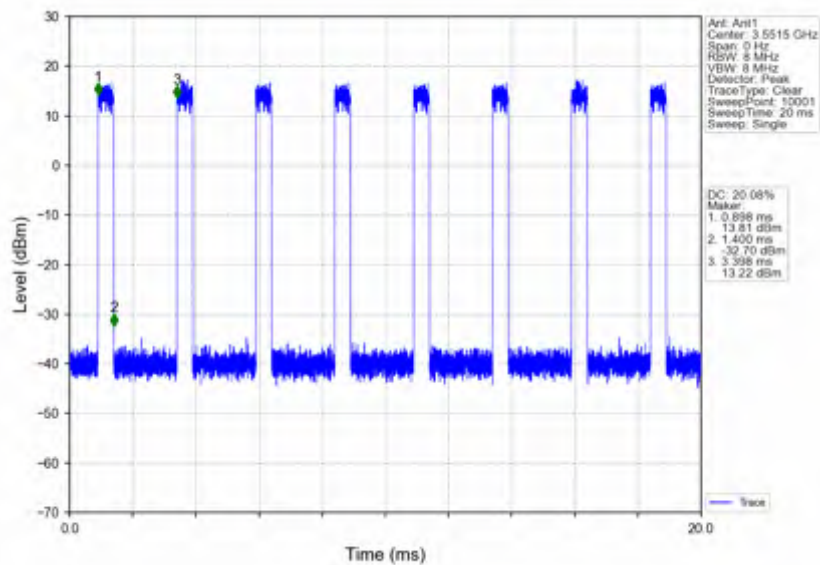


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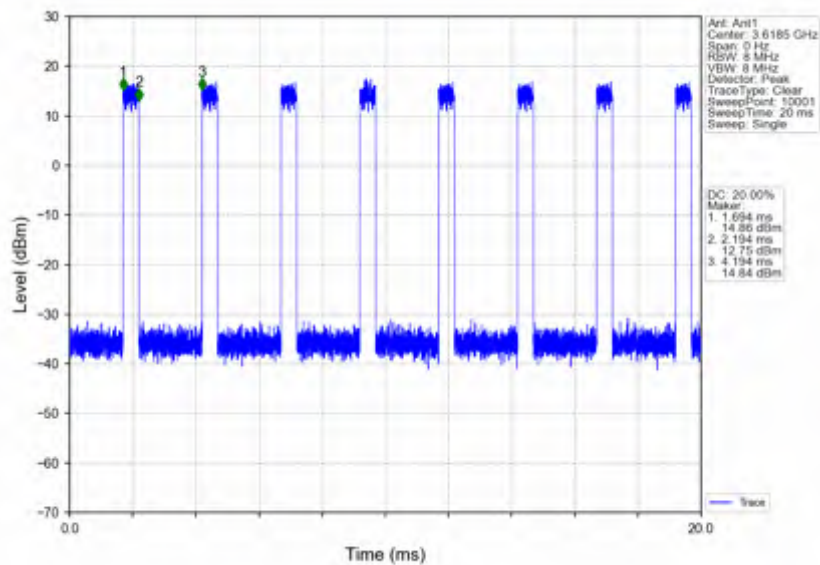
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3585MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3585MHz\_Inner\_1RB\_Right

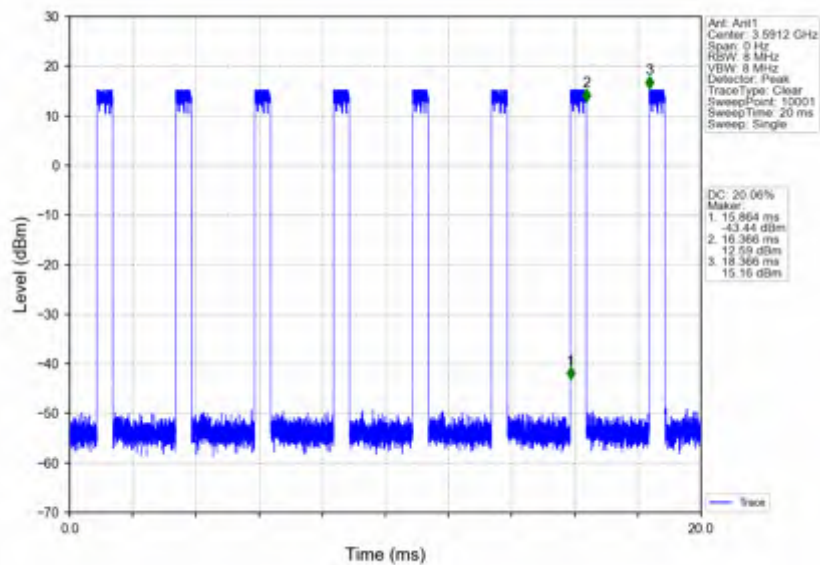


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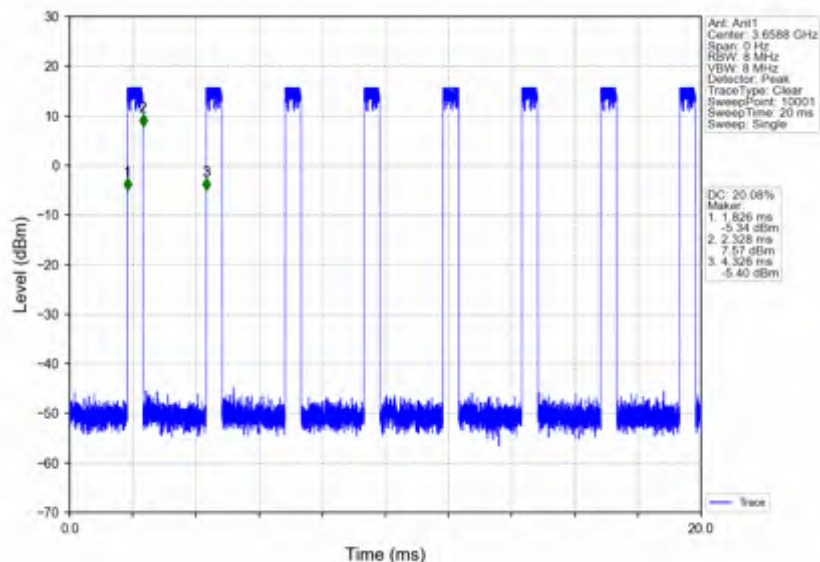
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086-5125735688 086-5125737091 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3624.99MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3624.99MHz\_Edge\_1RB\_Right

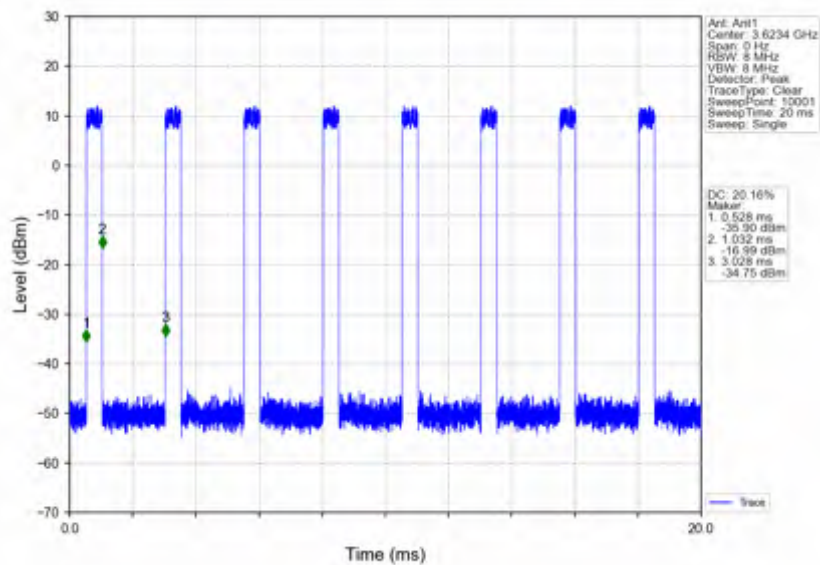


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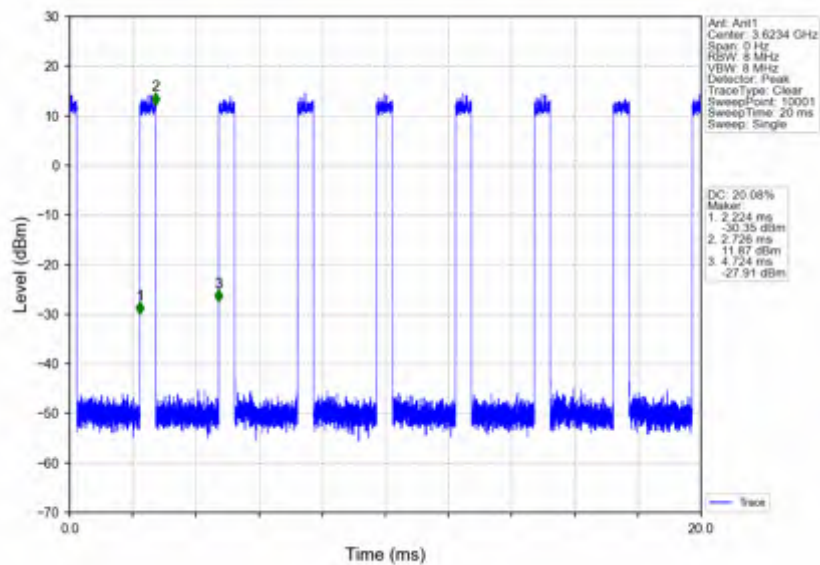
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|                                                                       |
|-----------------------------------------------------------------------|
| n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_PI/2_BPSK_3624.99MHz_Outer_Full |
|-----------------------------------------------------------------------|



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3624.99MHz\_Inner\_Full

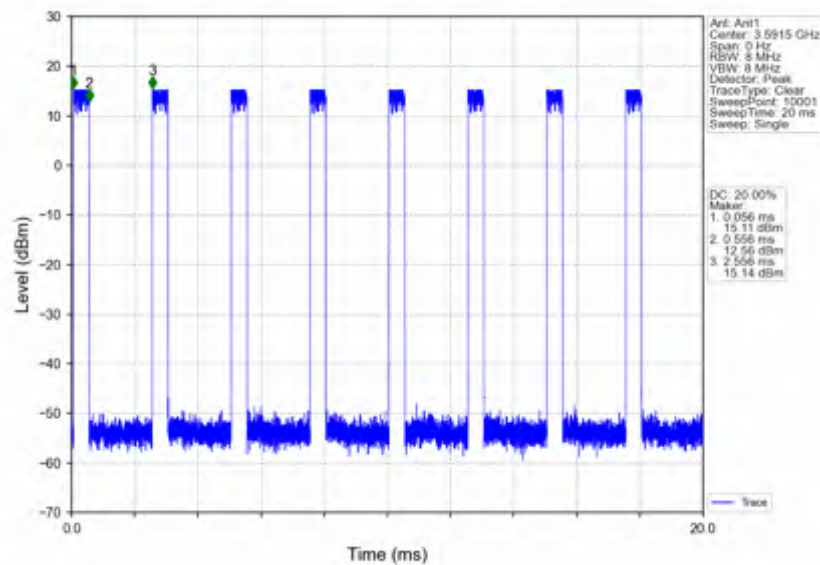


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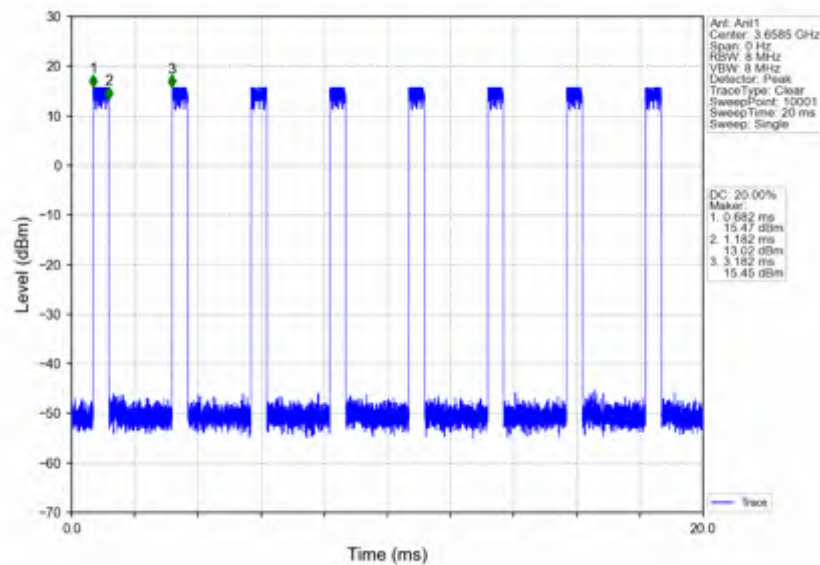
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Inner\_1RB\_Right



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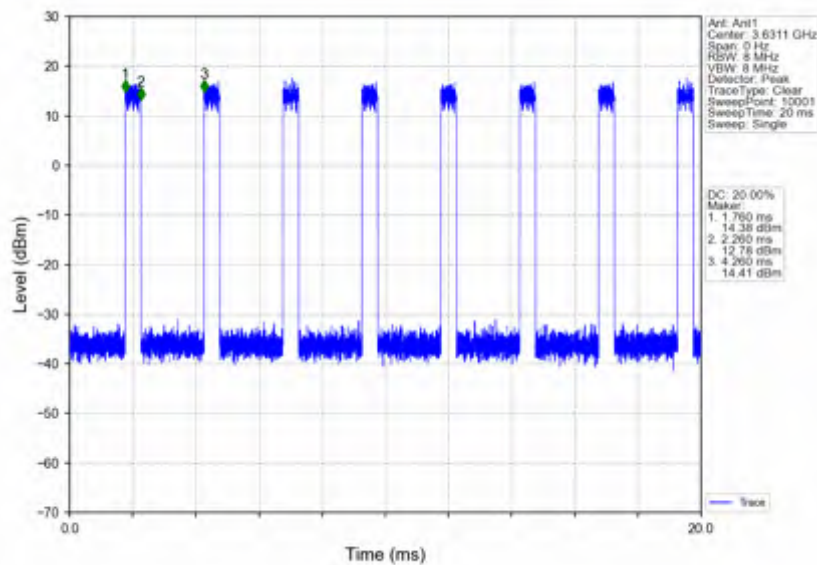
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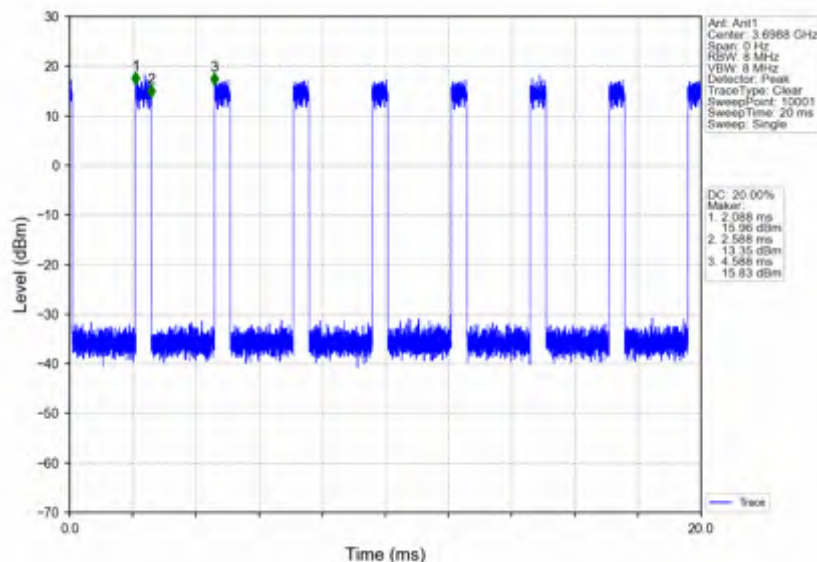
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM PI/2 BPSK\_3664.98MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM PI/2 BPSK\_3664.98MHz\_Edge\_1RB\_Right



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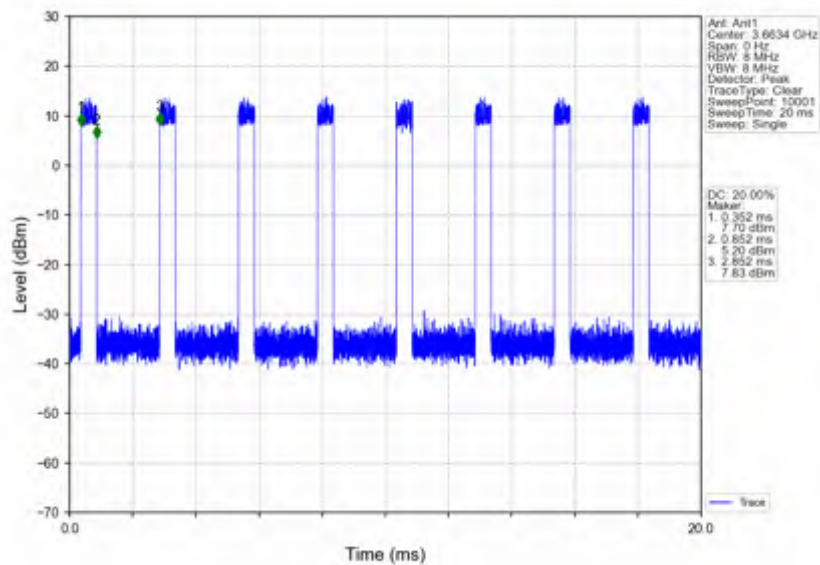
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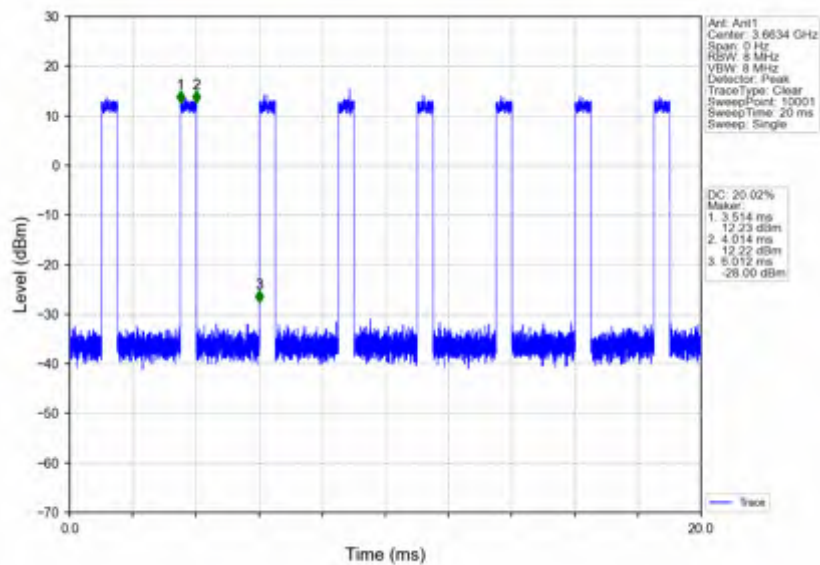
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM PI/2 BPSK\_3664.98MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM PI/2 BPSK\_3664.98MHz\_Inner\_Full



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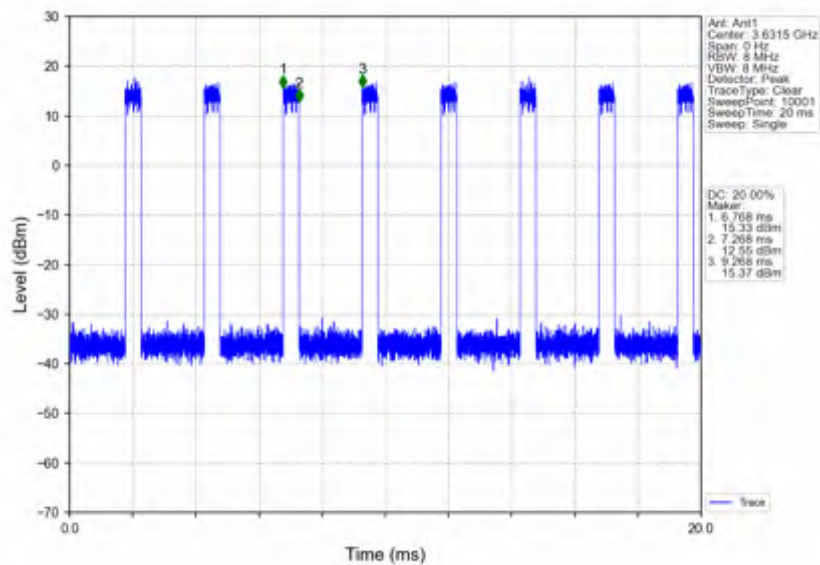
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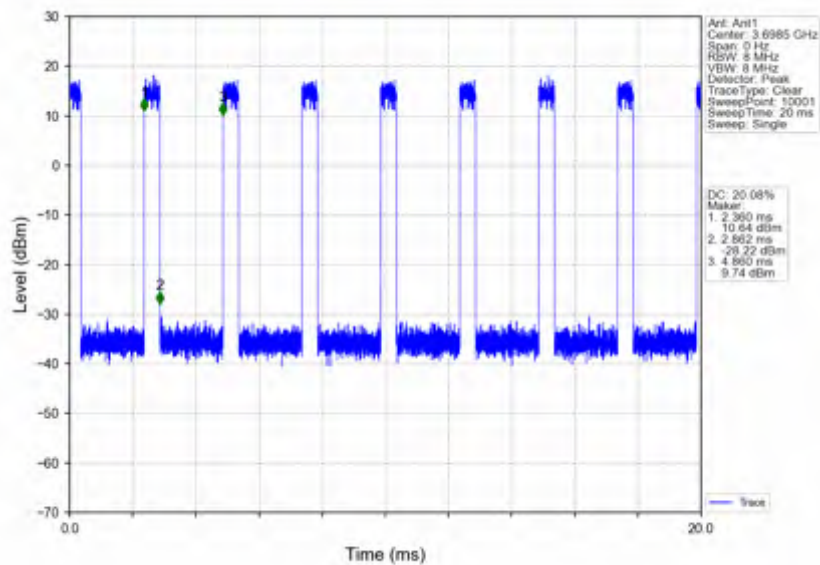
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3664.98MHz\_Inner\_1RB\_Left



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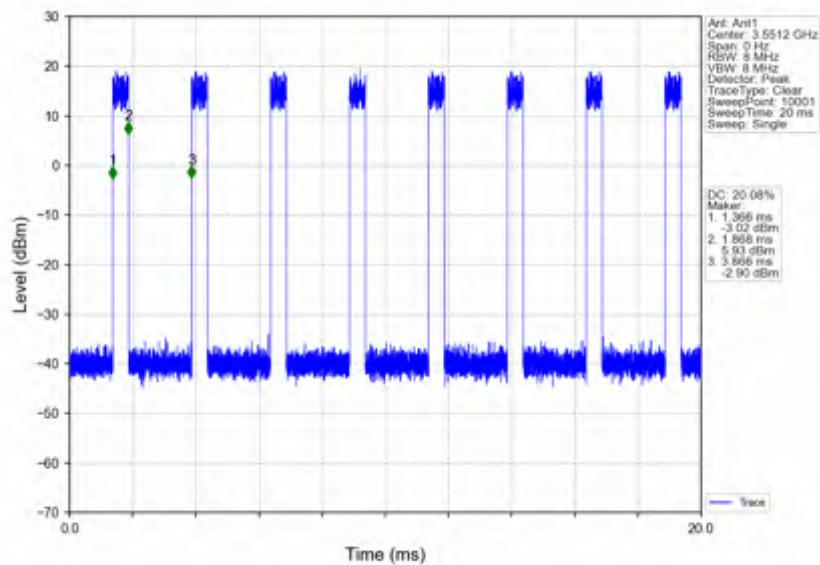


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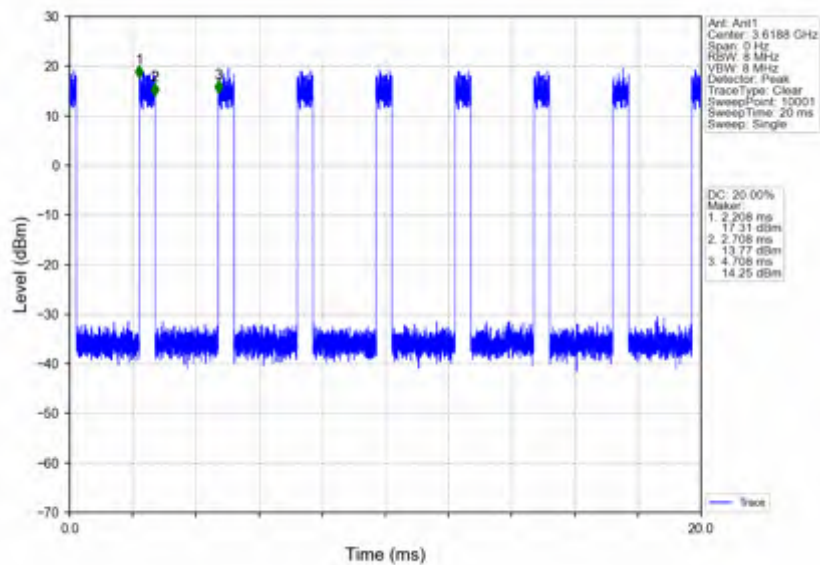
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM QPSK\_3585MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM QPSK\_3585MHz\_Edge\_1RB\_Right



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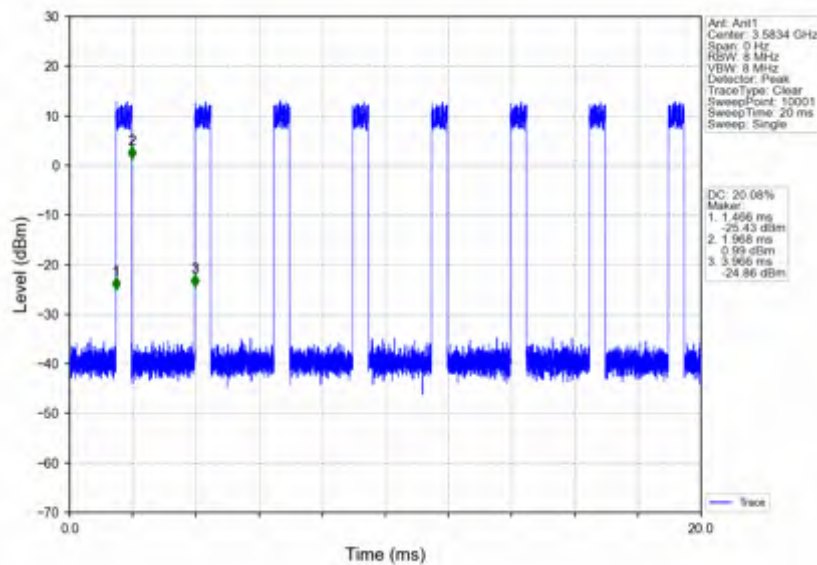
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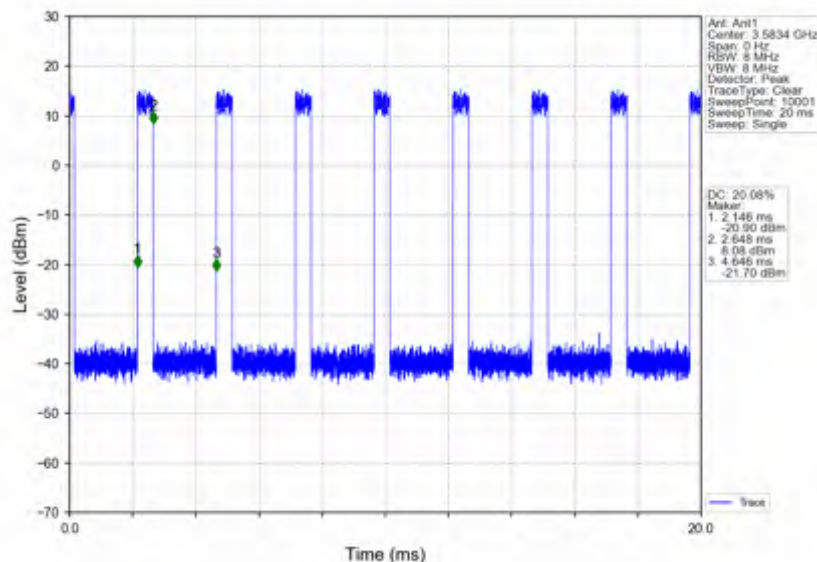
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_QPSK\_3585MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_QPSK\_3585MHz\_Inner\_Full



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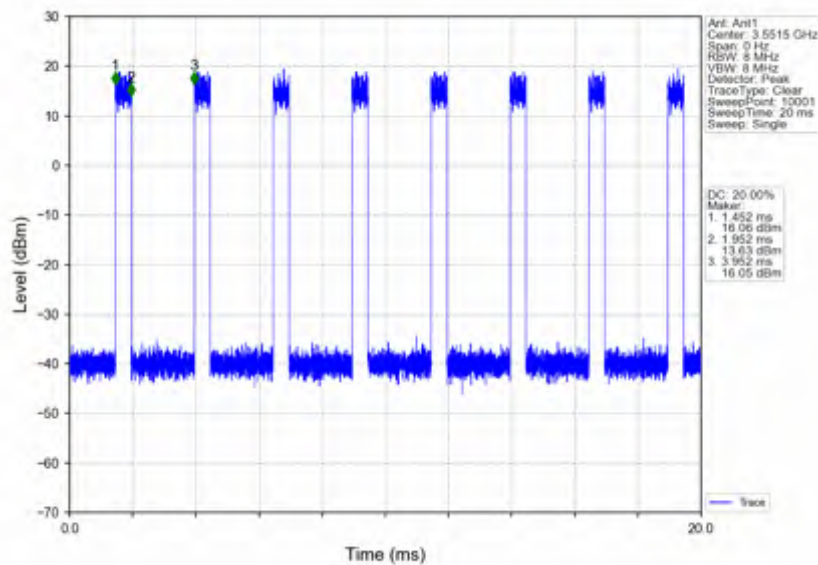
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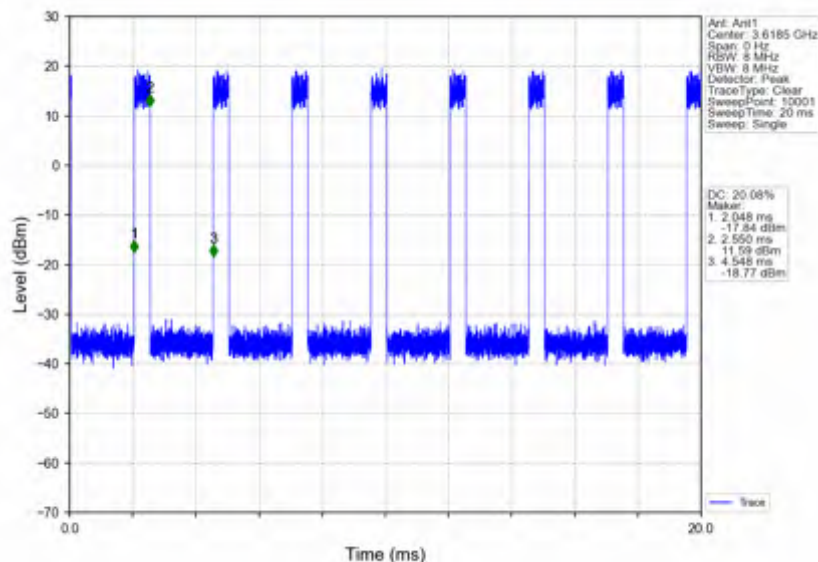
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM QPSK\_3585MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM QPSK\_3585MHz\_Inner\_1RB\_Right



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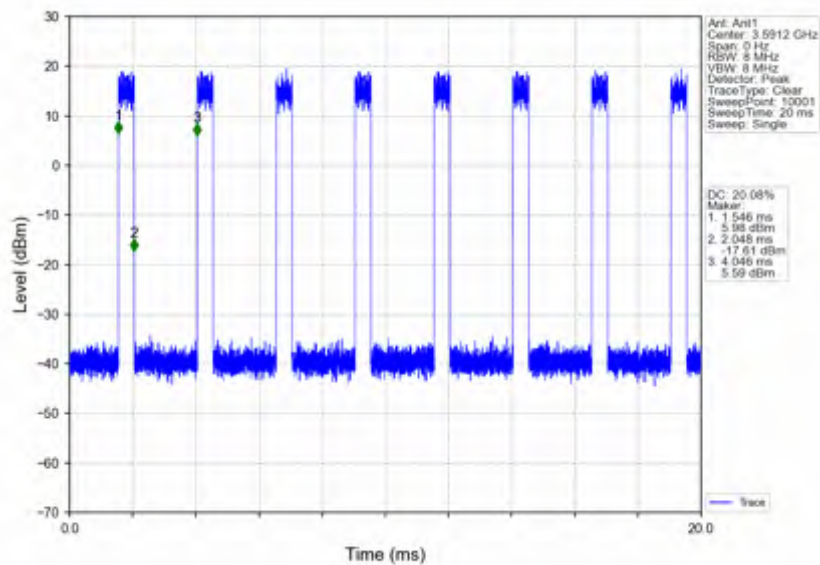
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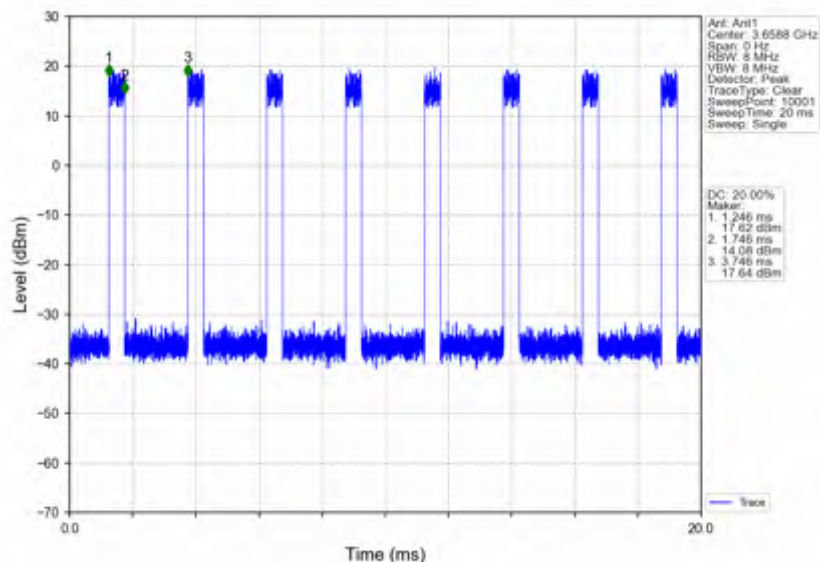
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_QPSK\_3624.99MHz\_Edge\_1RB\_Left



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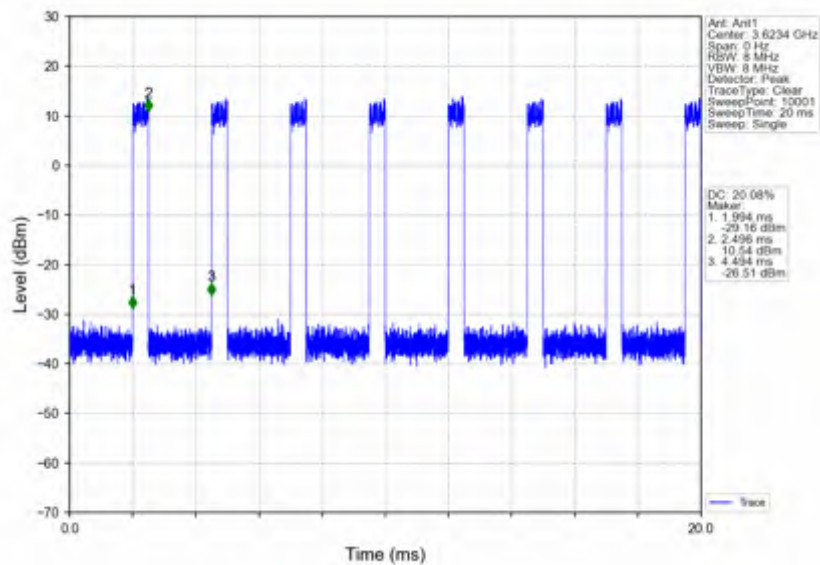
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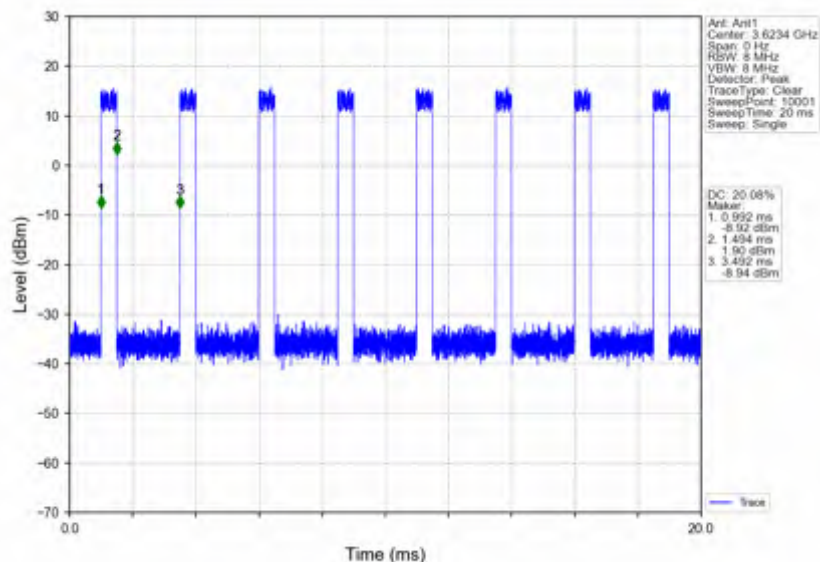
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_QPSK\_3624.99MHz\_Outer\_Full



|      |       |      |      |       |            |      |            |       |      |
|------|-------|------|------|-------|------------|------|------------|-------|------|
| n78d | 30kHz | SISO | NTNV | 70MHz | DFT-s-OFDM | QPSK | 3624.99MHz | Inner | Full |
|------|-------|------|------|-------|------------|------|------------|-------|------|

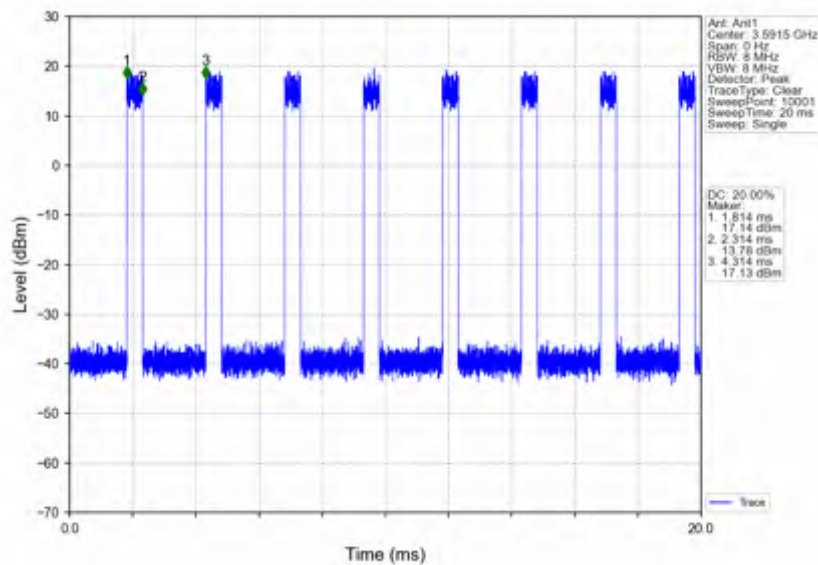


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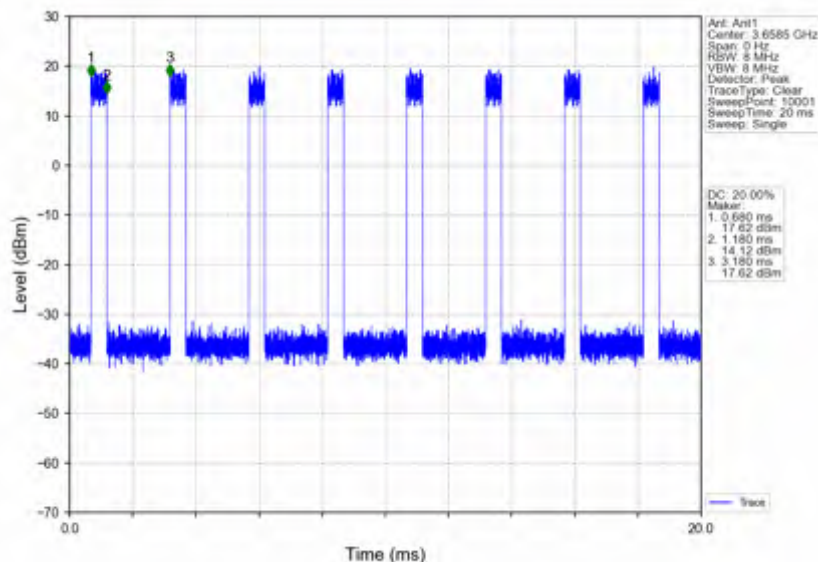
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_QPSK\_3624.99MHz\_Inner\_1RB\_Left



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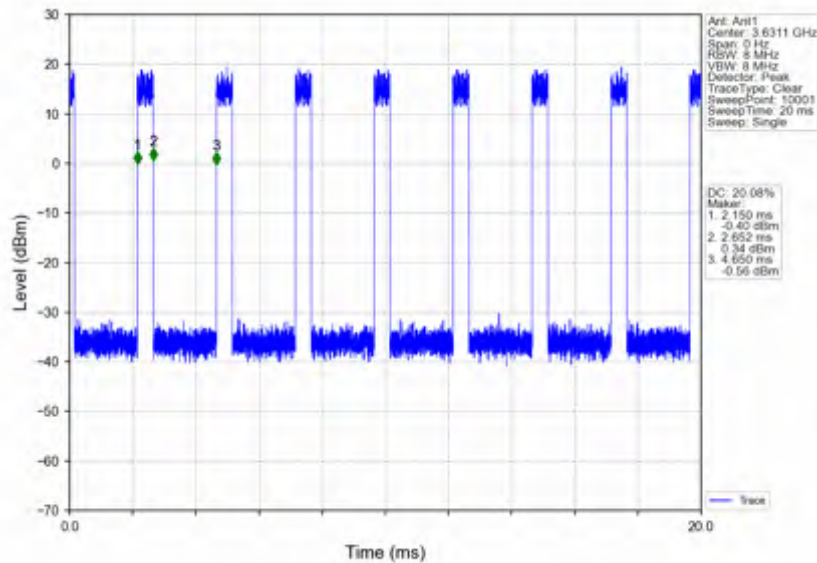
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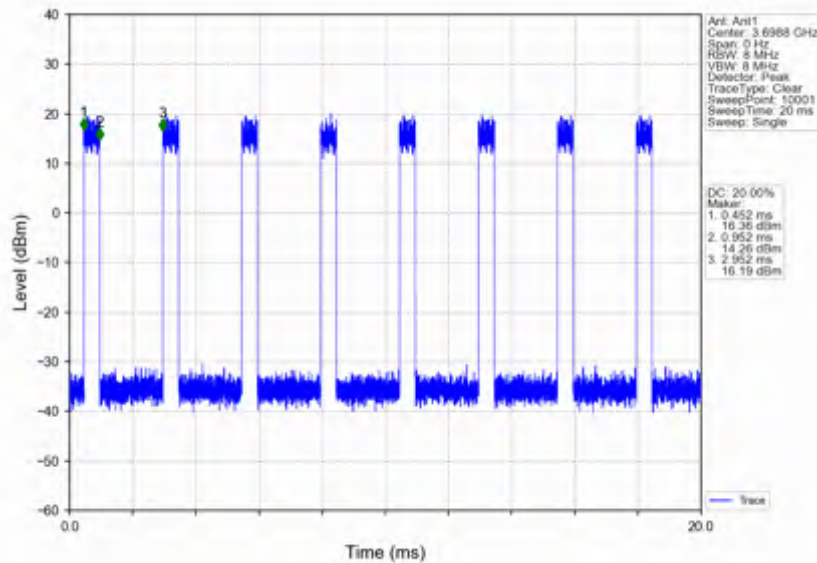
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_QPSK\_3664.98MHz\_Edge\_1RB\_Left



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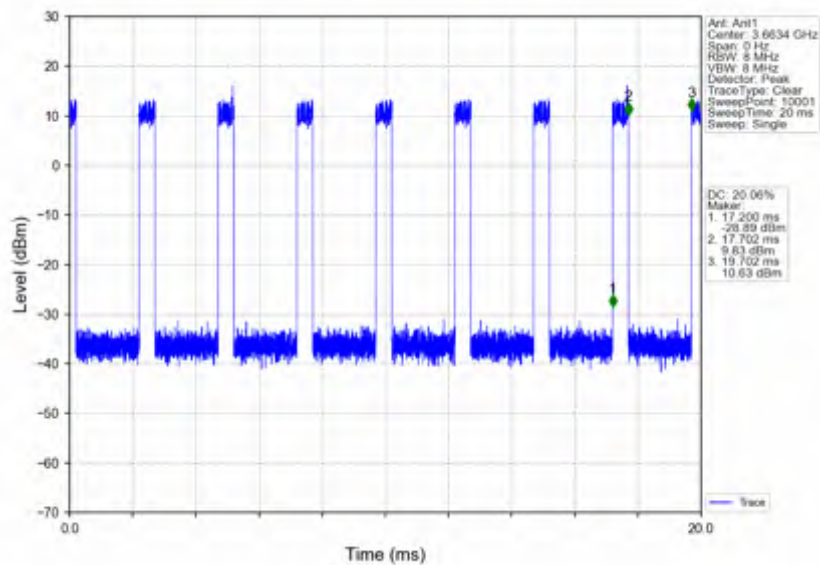


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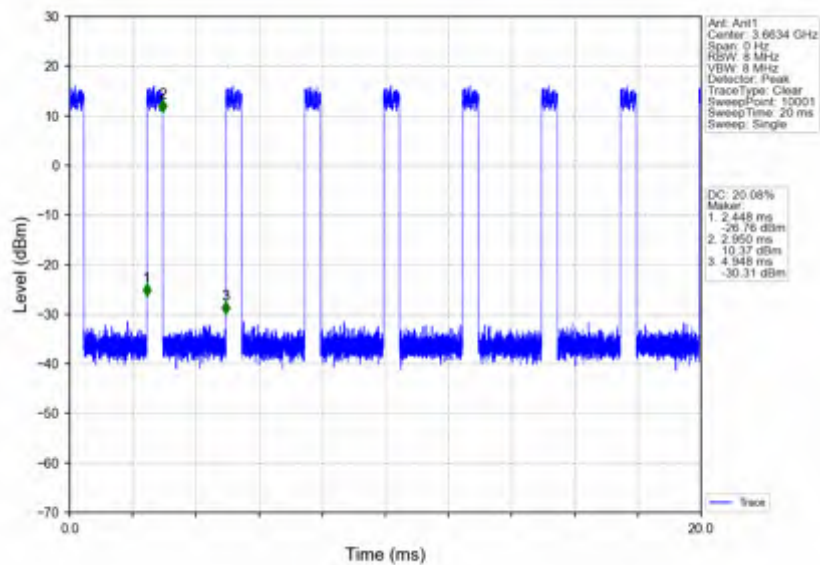
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_QPSK\_3664.98MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_QPSK\_3664.98MHz\_Inner\_Full



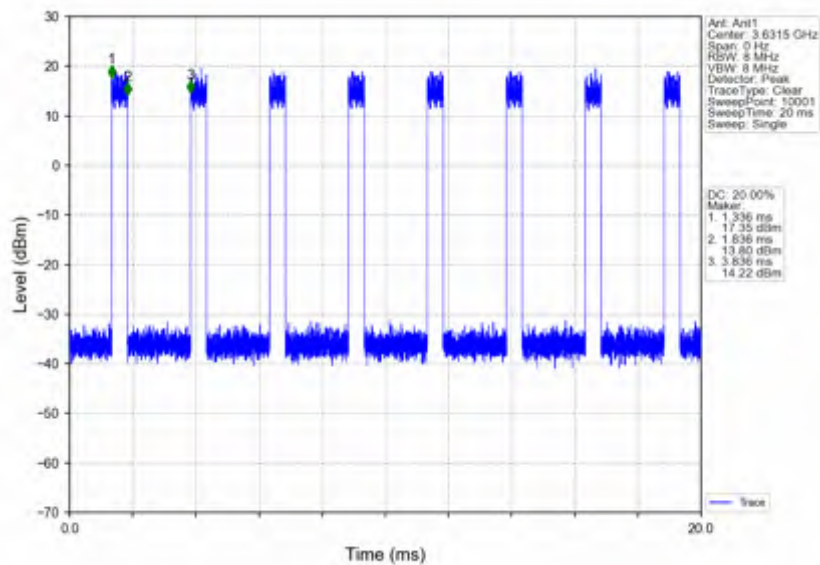
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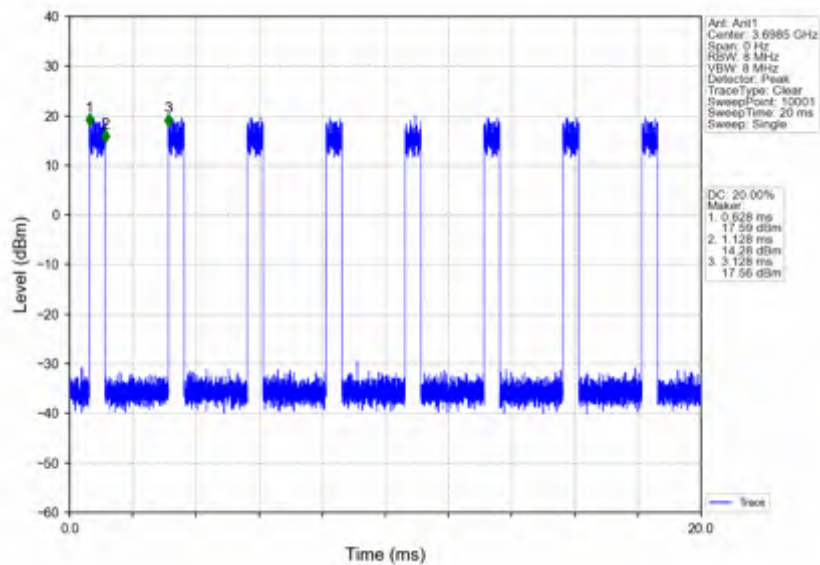
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_QPSK\_3664.98MHz\_Inner\_1RB\_Left



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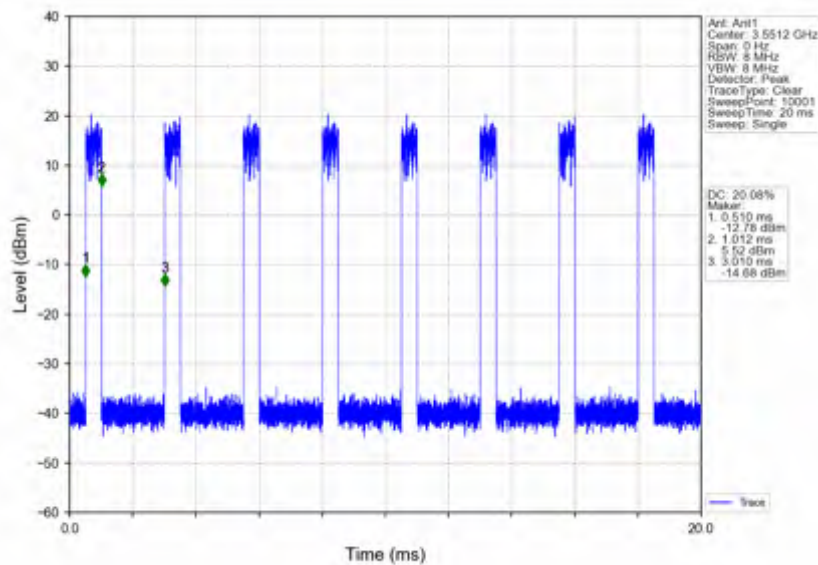


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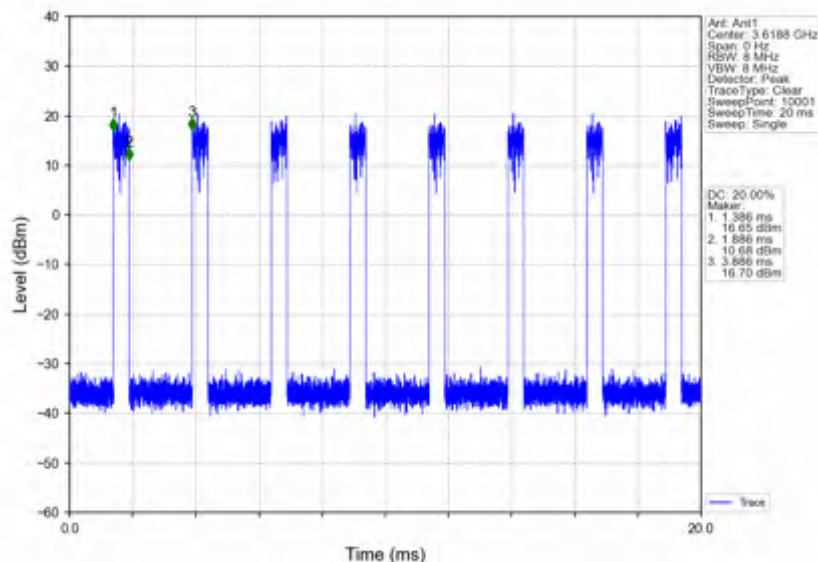
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_16\_QAM\_3585MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_16\_QAM\_3585MHz\_Edge\_1RB\_Right



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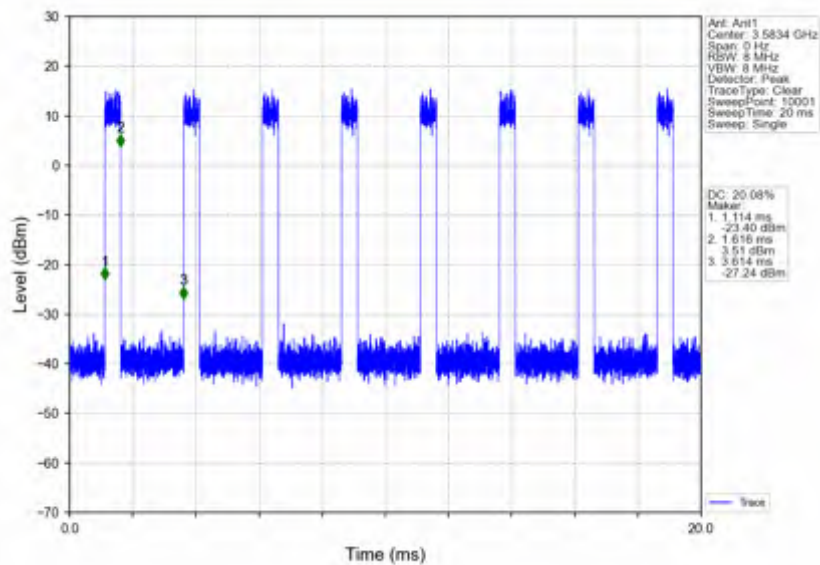
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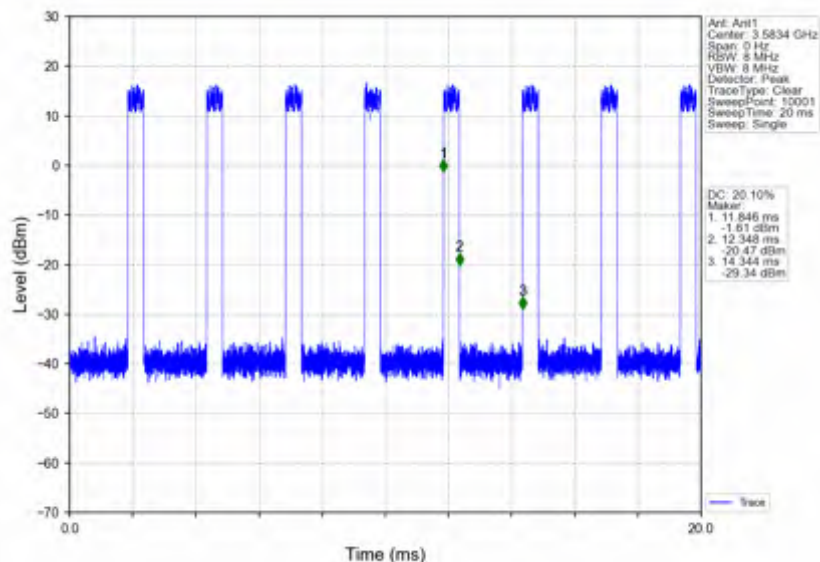
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_16\_QAM\_3585MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_16\_QAM\_3585MHz\_Inner\_Full



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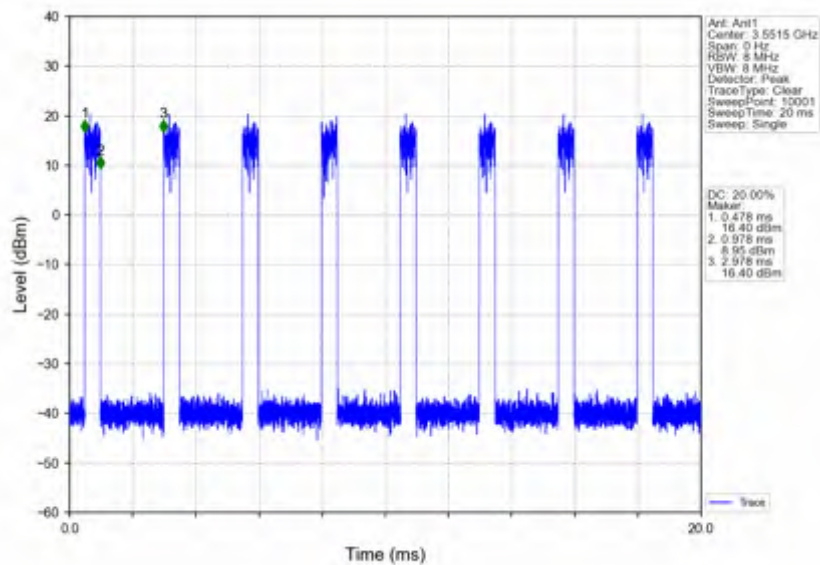
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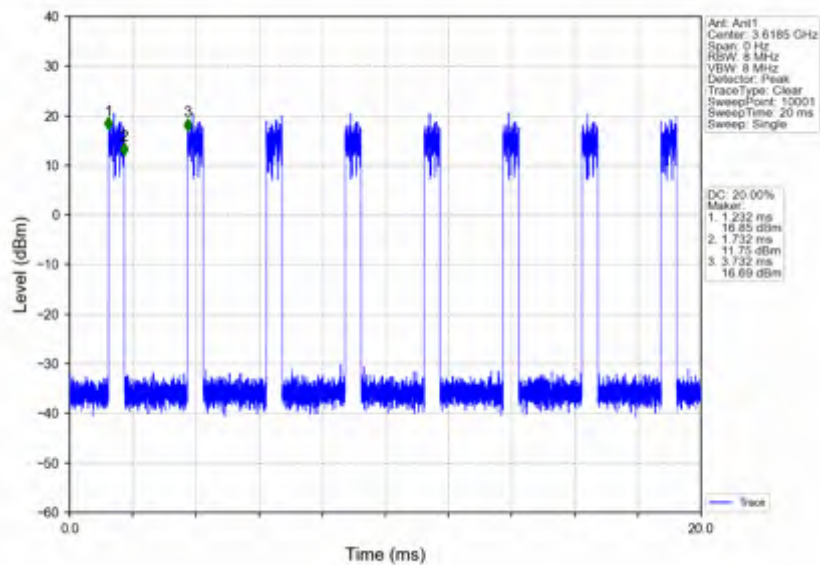
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM 16 QAM\_3585MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM 16 QAM\_3585MHz\_Inner\_1RB\_Right



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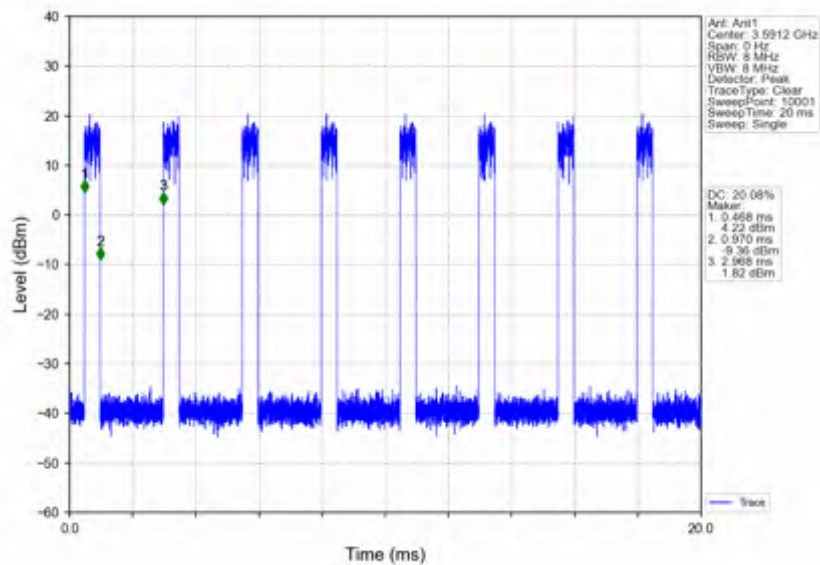
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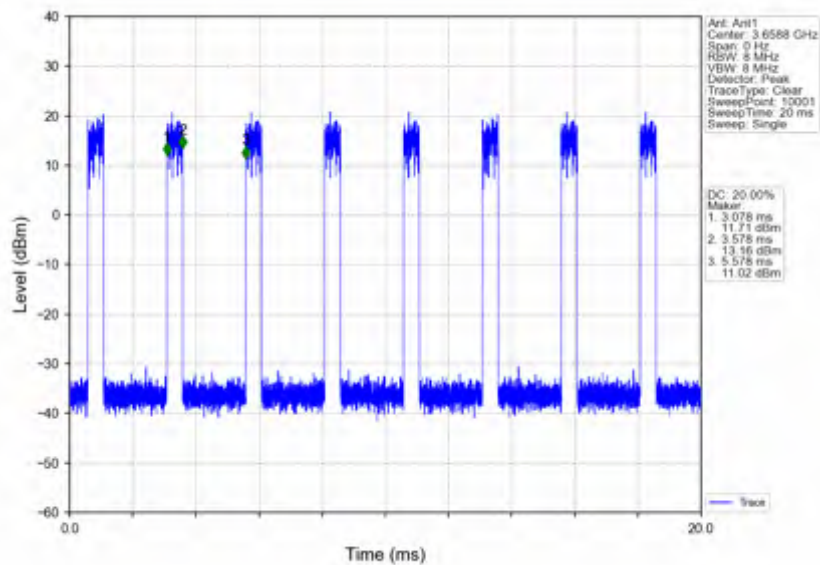
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_16\_QAM\_3624.99MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_16\_QAM\_3624.99MHz\_Edge\_1RB\_Right



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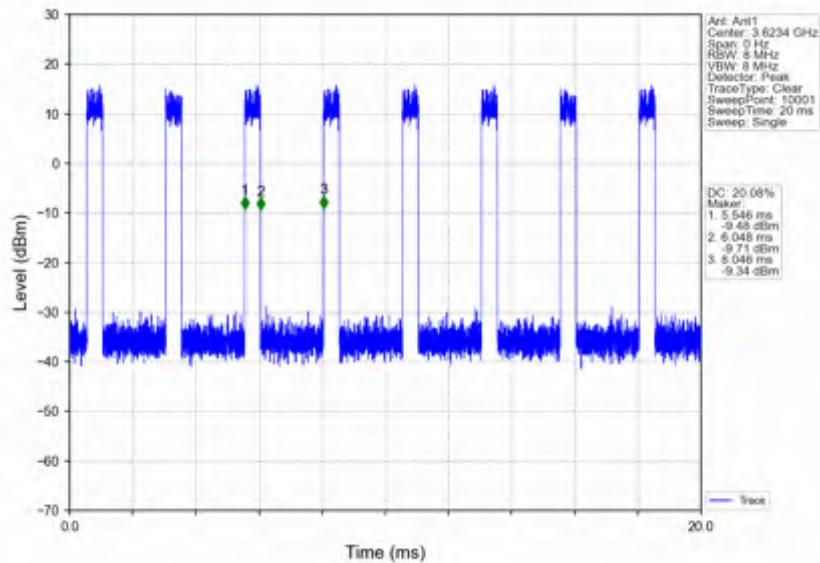
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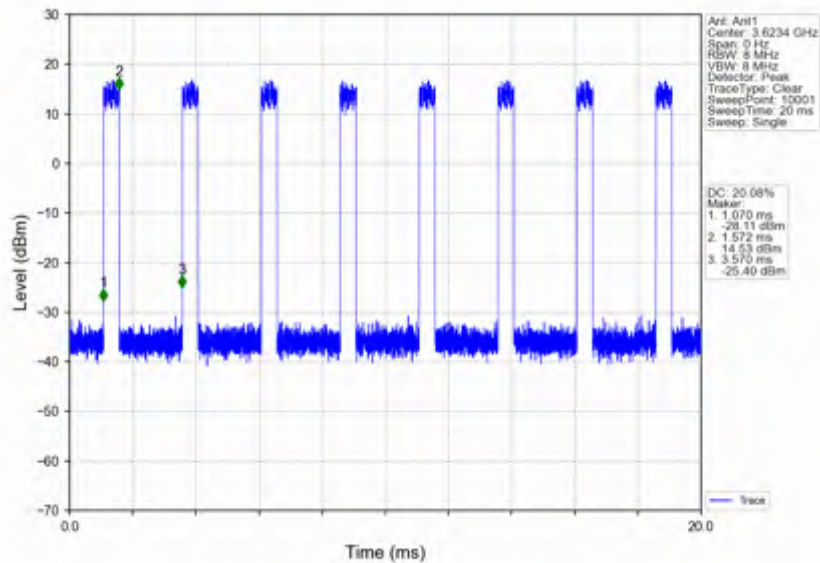
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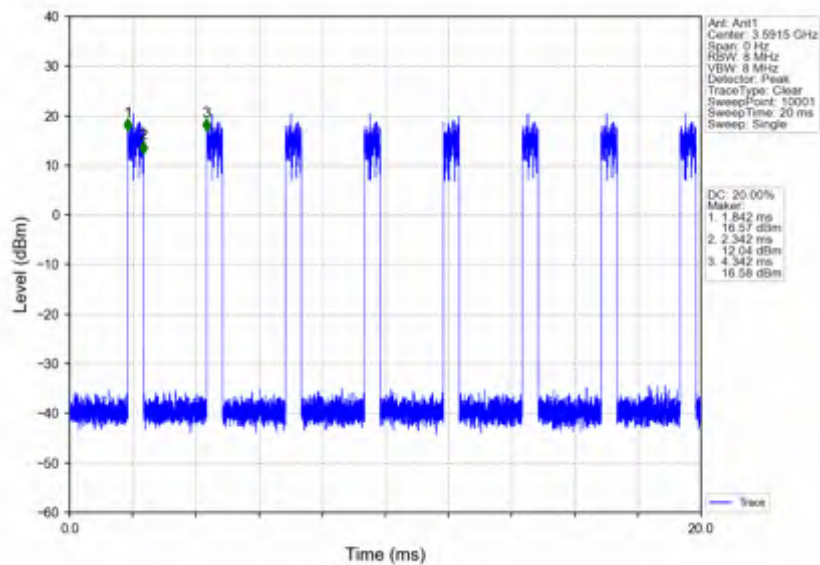


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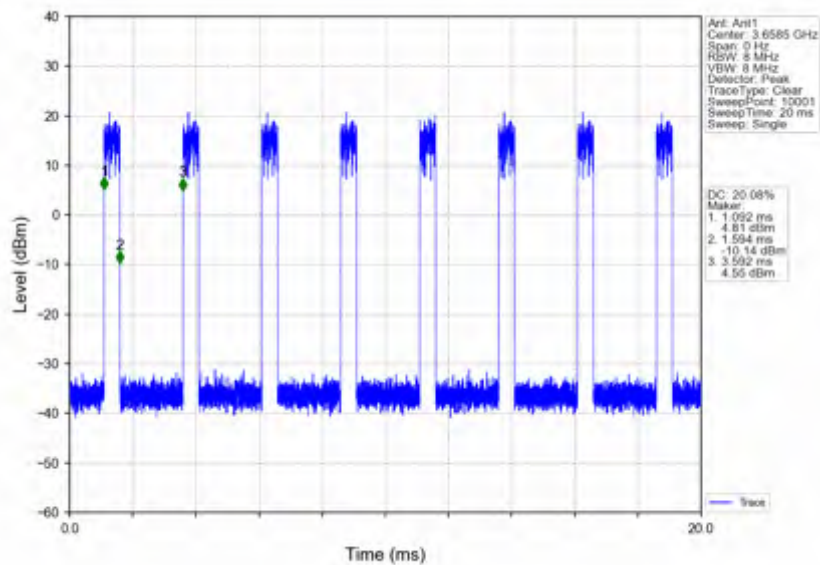
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_16\_QAM\_3624.99MHz\_Inner\_1RB\_Left



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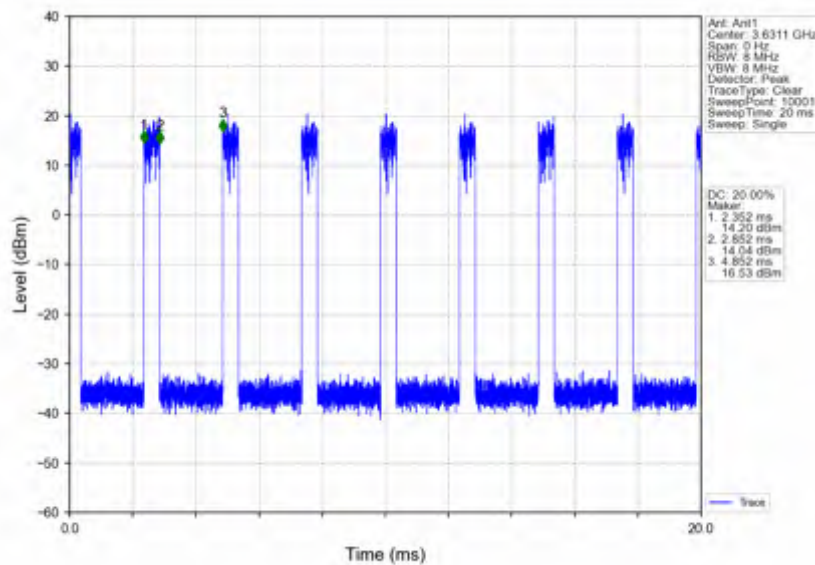


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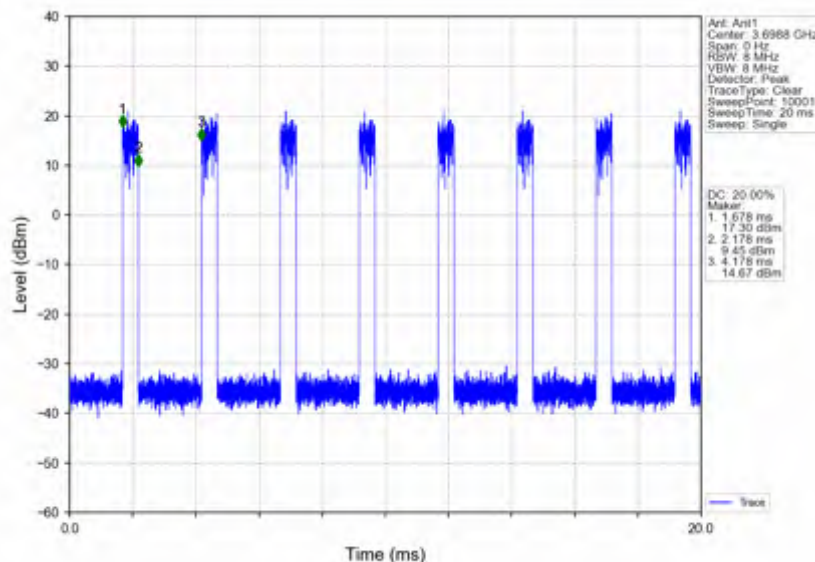
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_16\_QAM\_3664.98MHz\_Edge\_1RB\_Left



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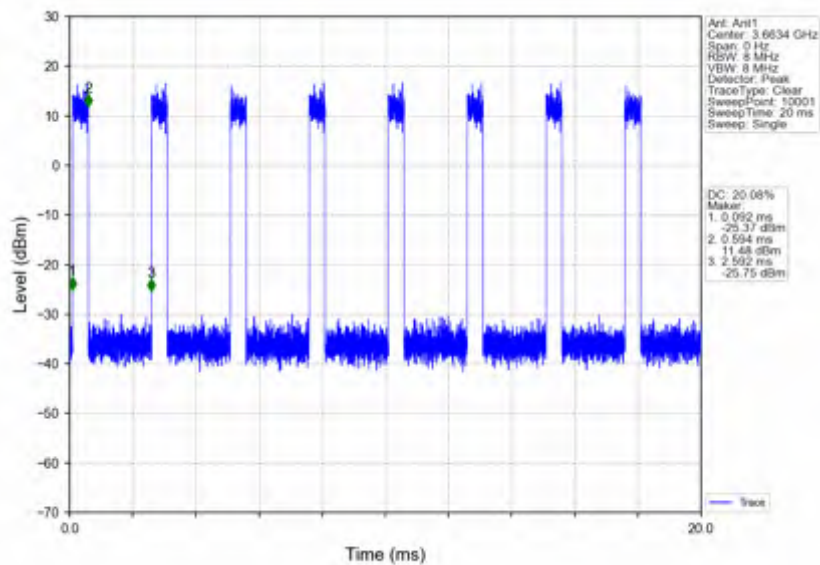
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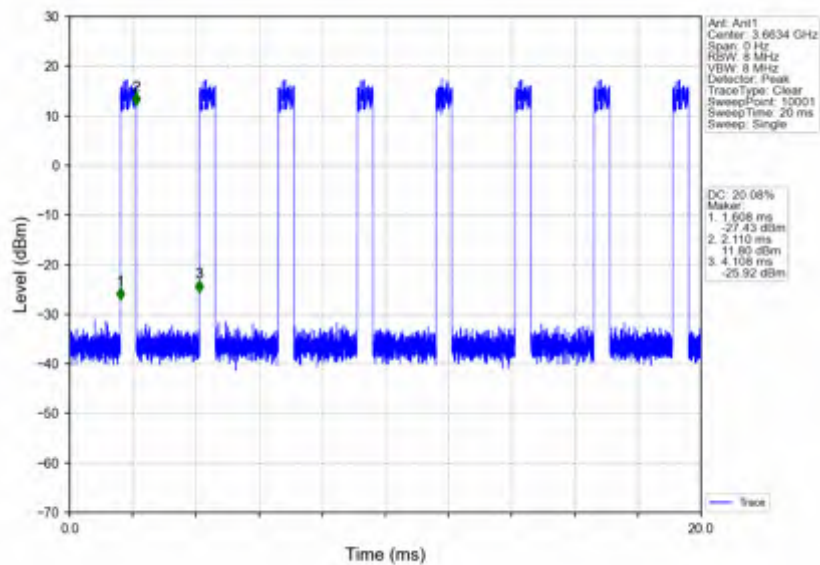
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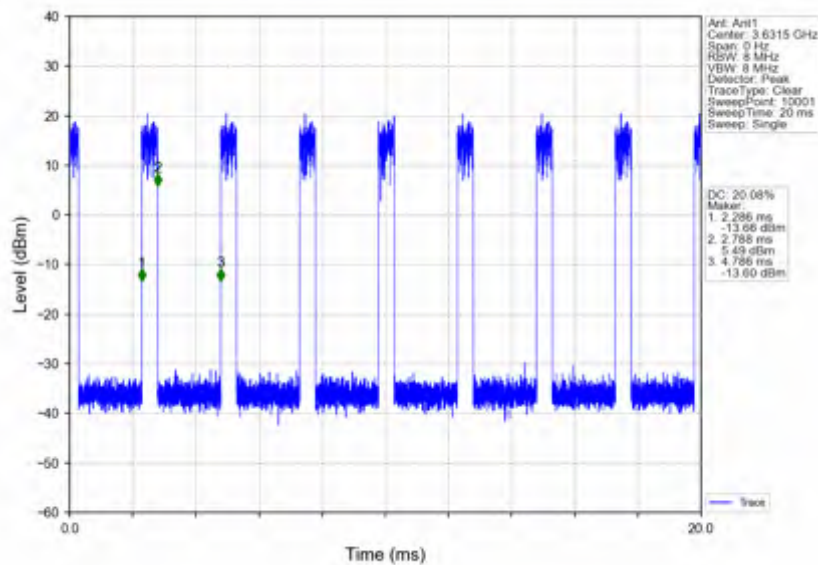


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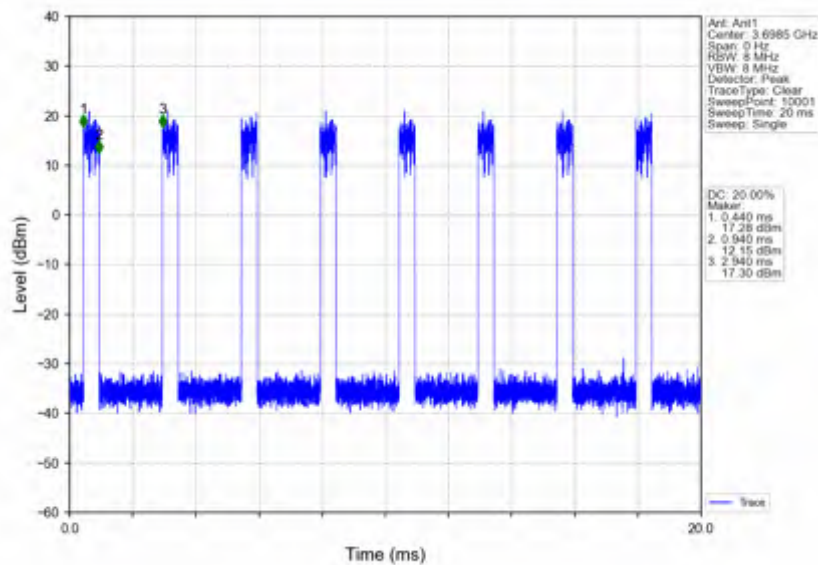
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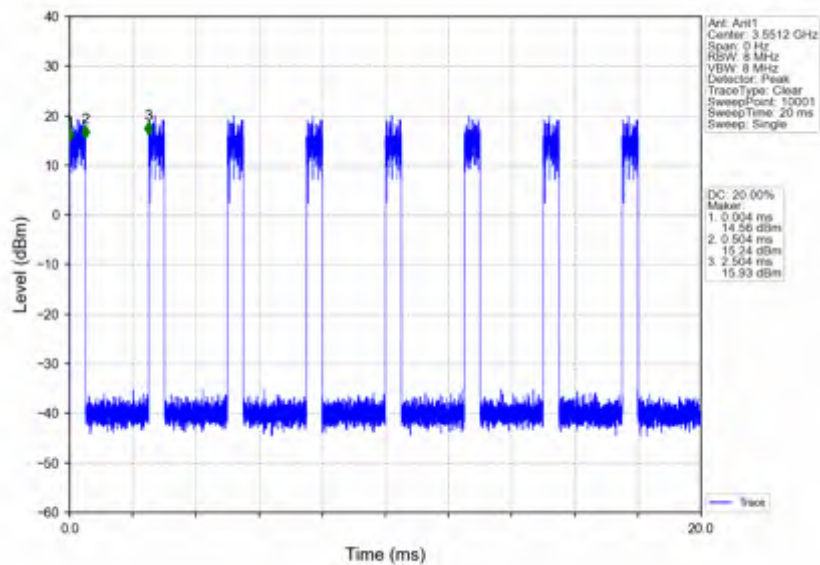
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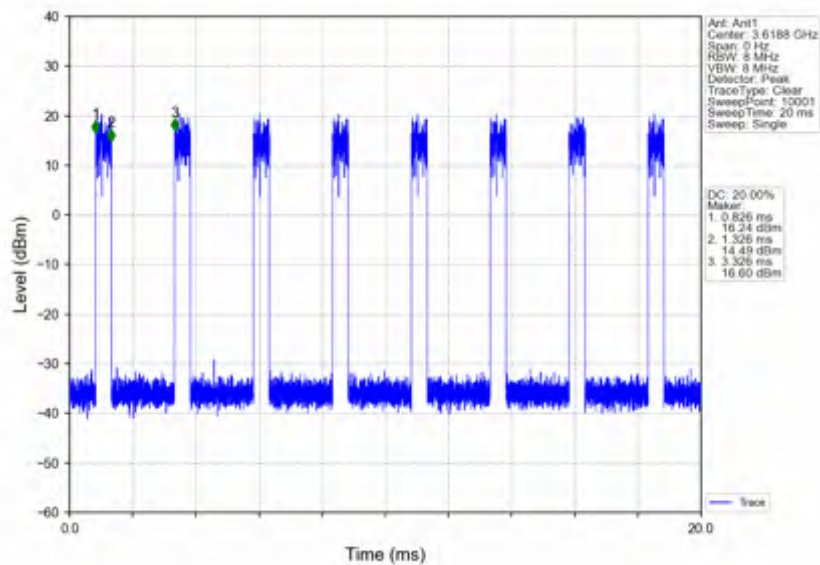
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_64\_QAM\_3585MHz\_Edge\_1RB\_Left



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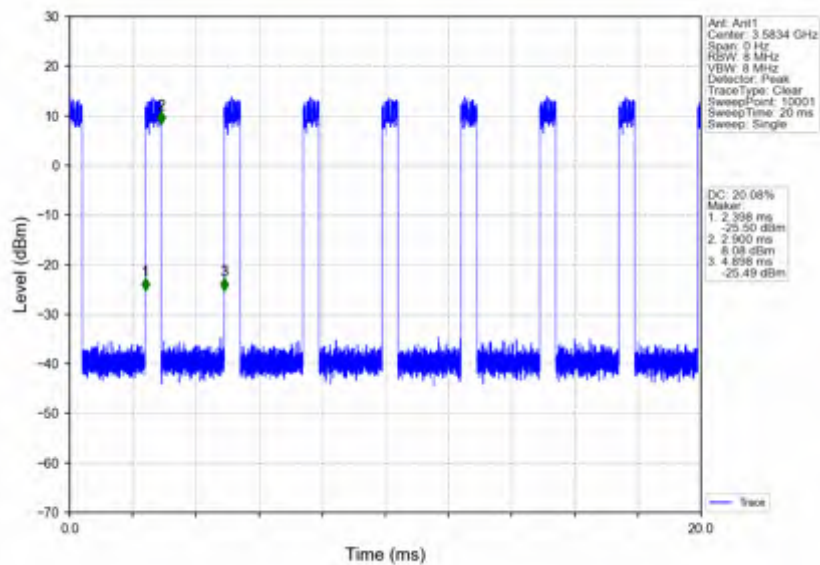


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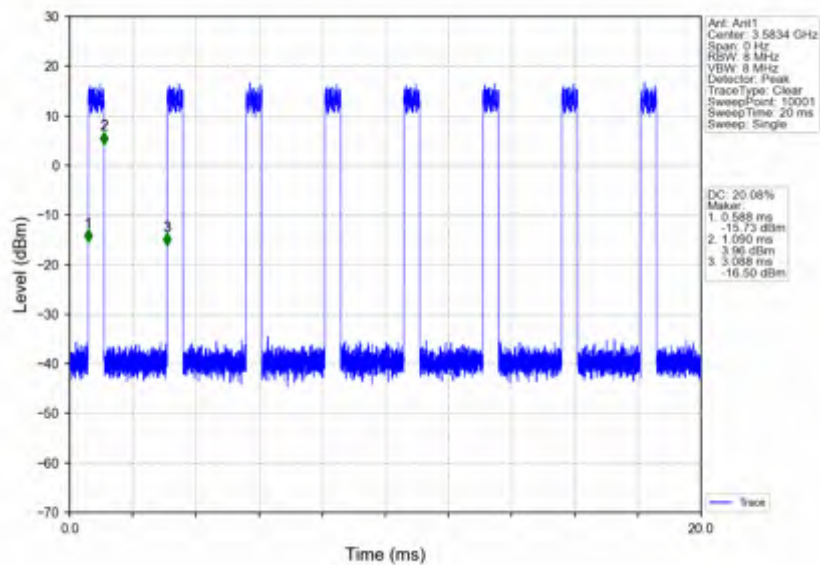
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_64\_QAM\_3585MHz\_Outer\_Full



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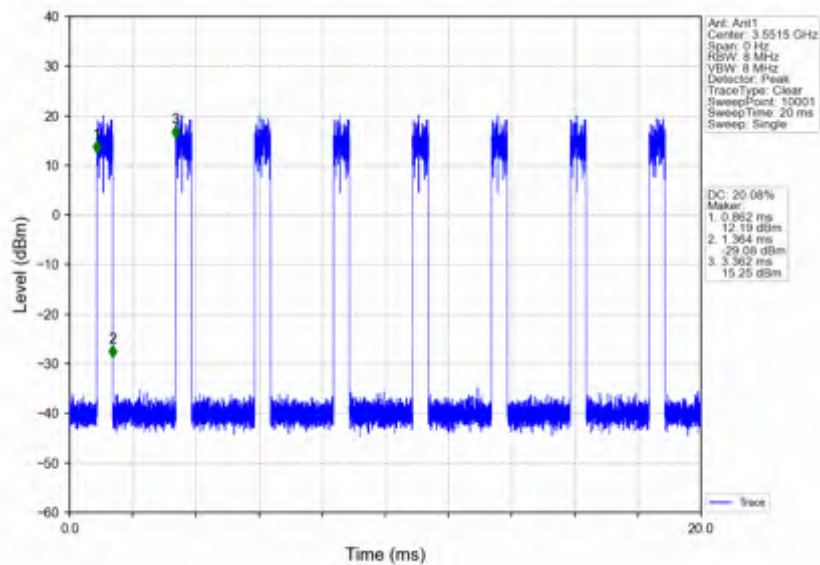
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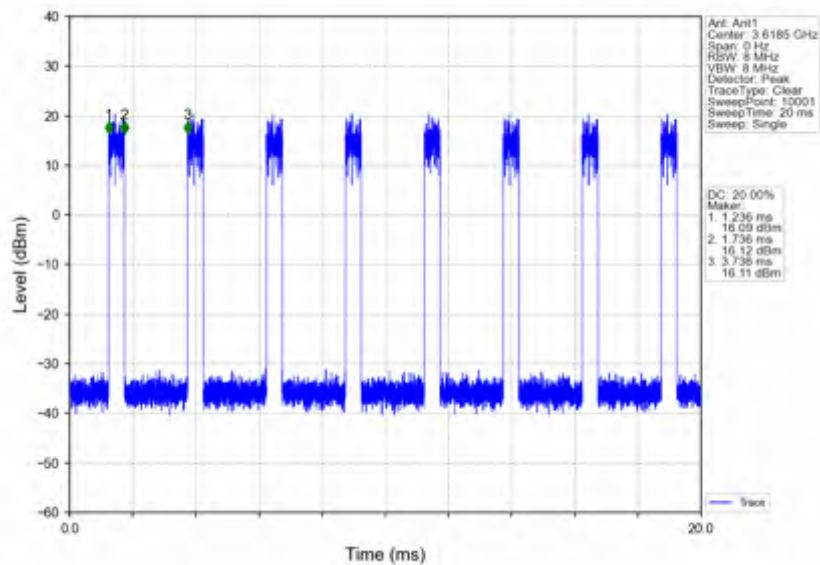
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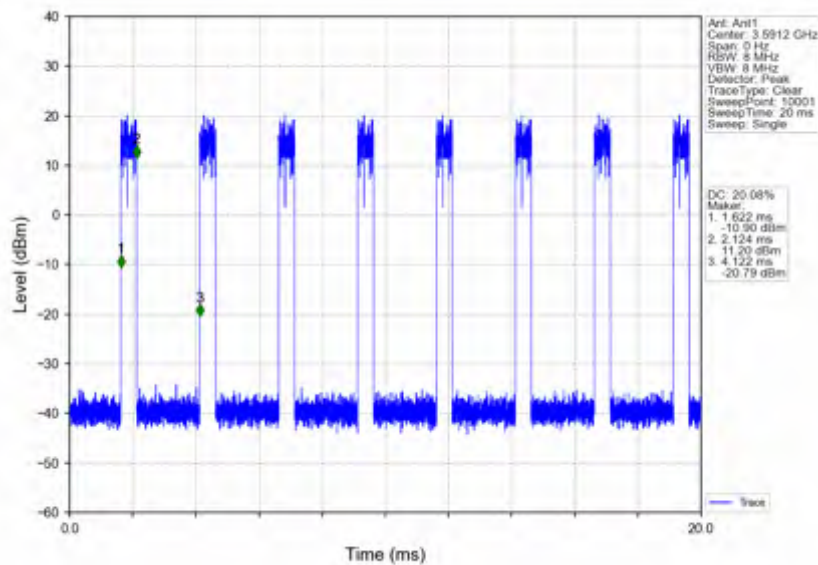
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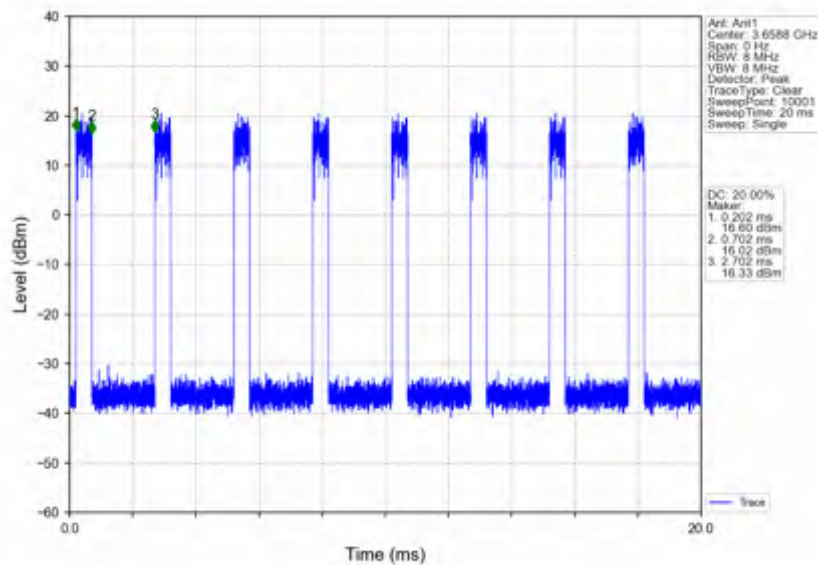
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM 64 QAM\_3624.99MHz\_Edge\_1RB\_Left



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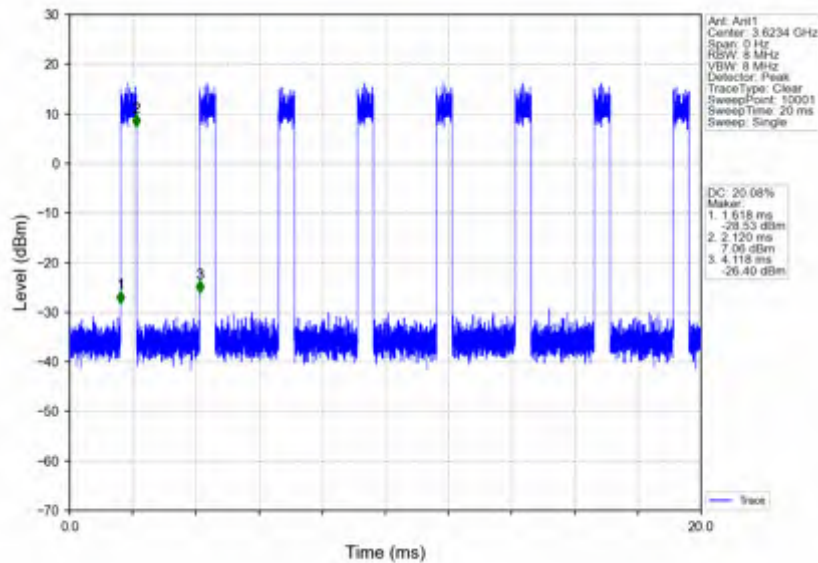
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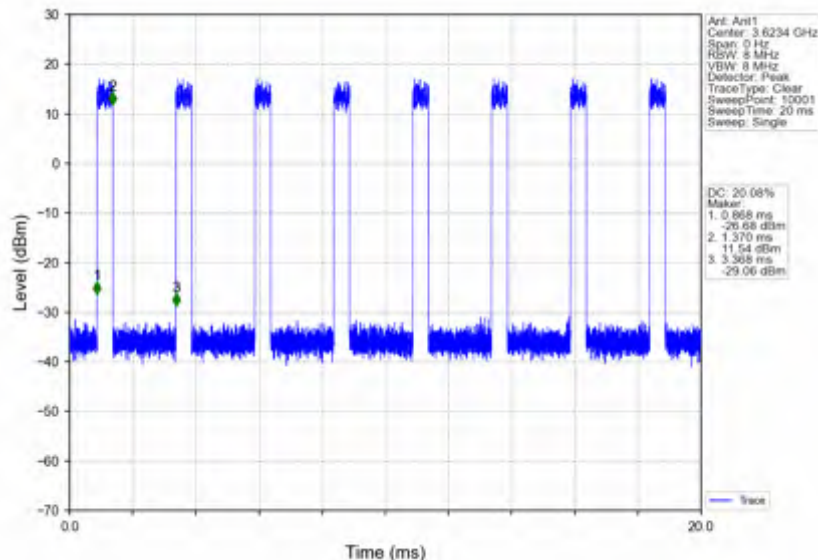
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM 64 QAM\_3624.99MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM 64 QAM\_3624.99MHz\_Inner\_Full



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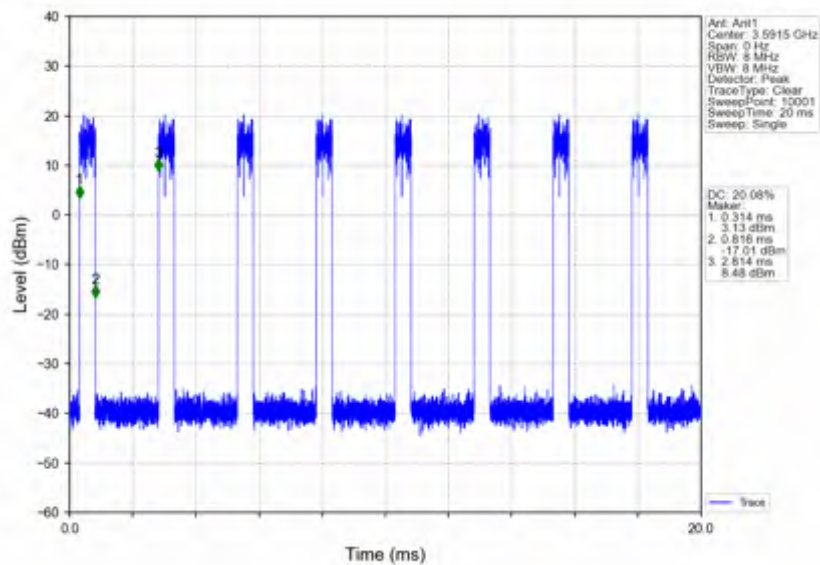
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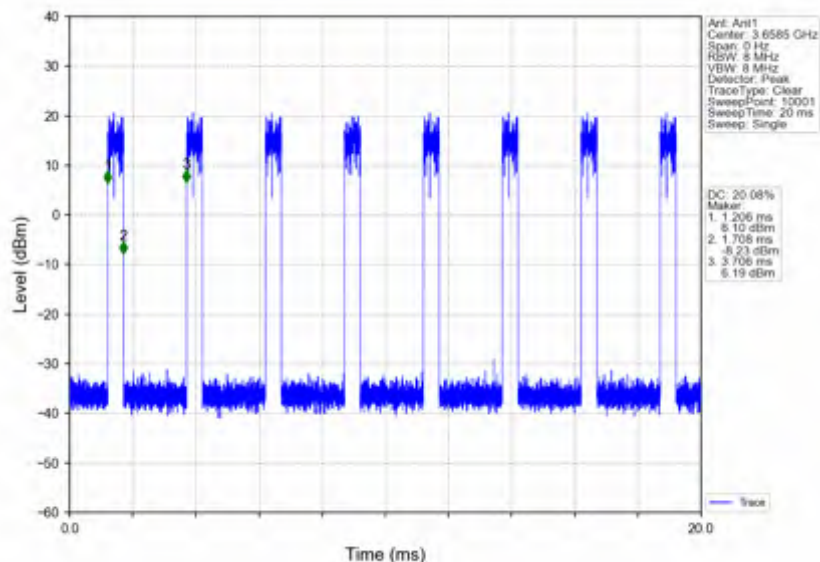
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_64\_QAM\_3624.99MHz\_Inner\_1RB\_Left



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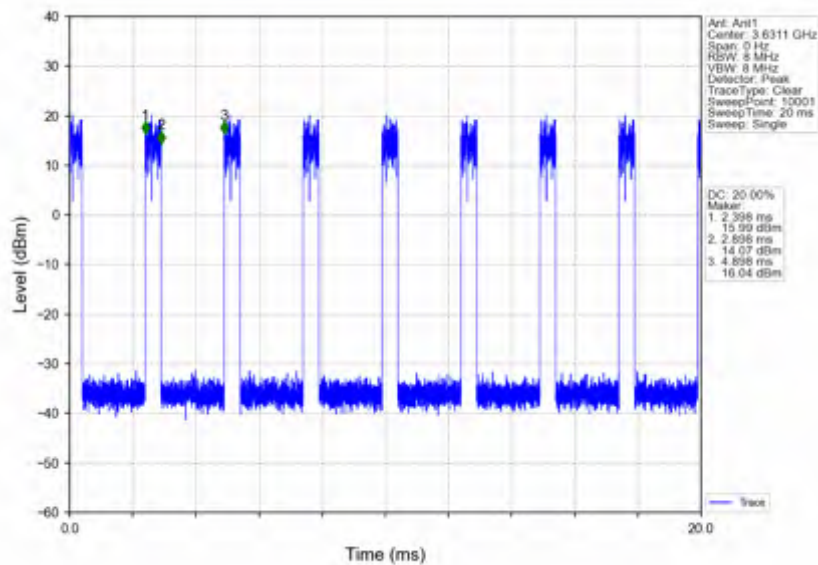


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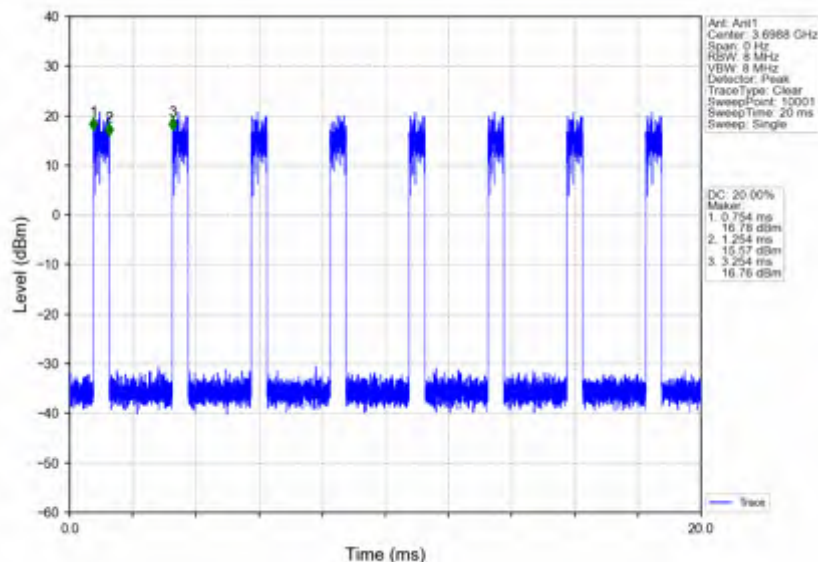
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM 64 QAM\_3664.98MHz\_Edge\_1RB\_Left



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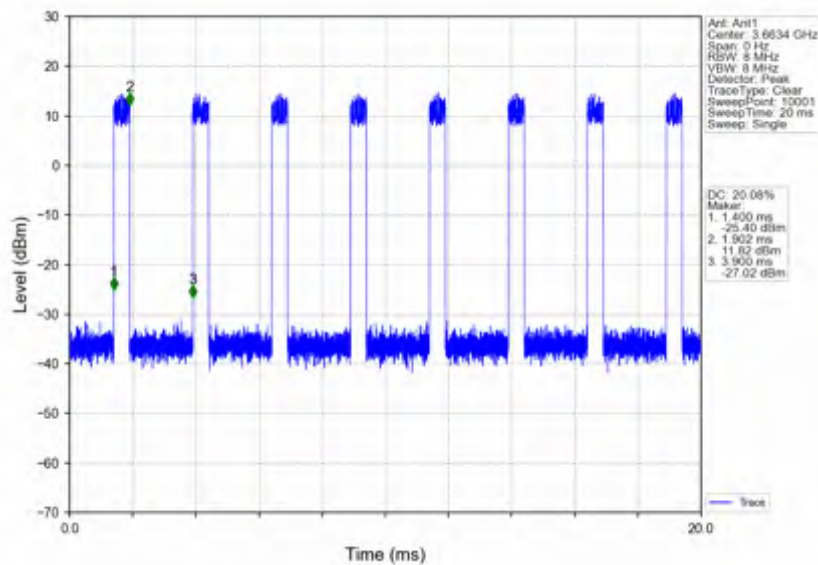
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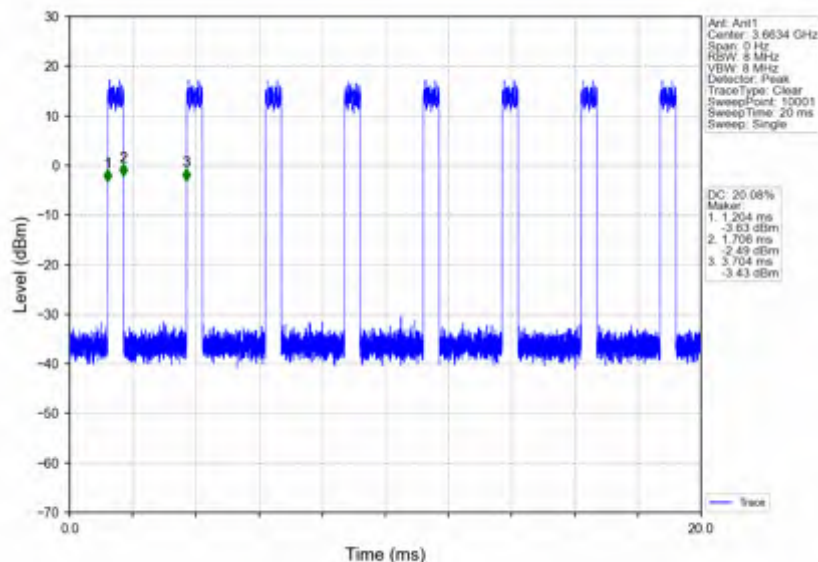
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM 64 QAM\_3664.98MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM 64 QAM\_3664.98MHz\_Inner\_Full



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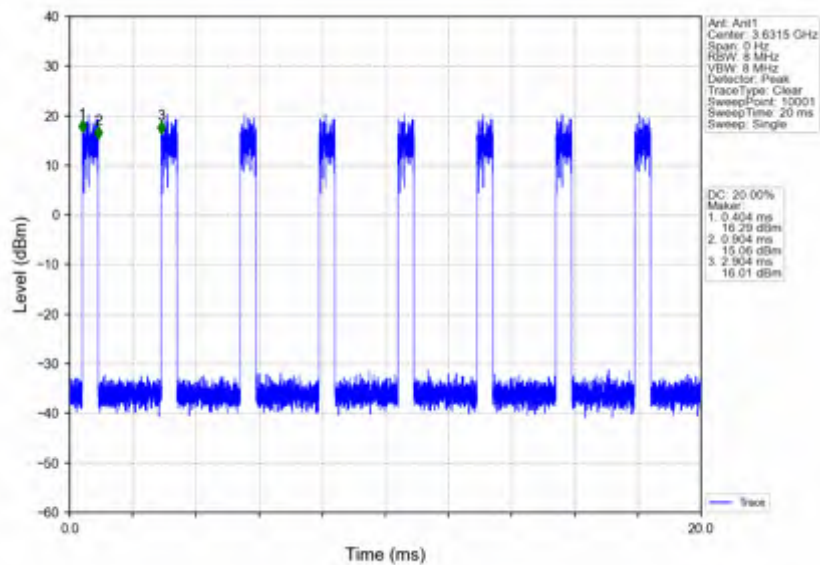
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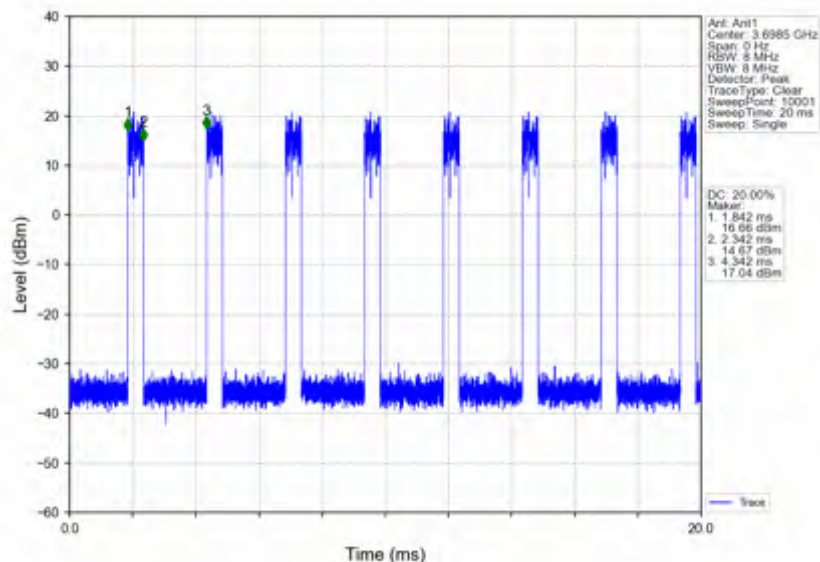
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM 64 QAM\_3664.98MHz\_Inner\_1RB\_Left



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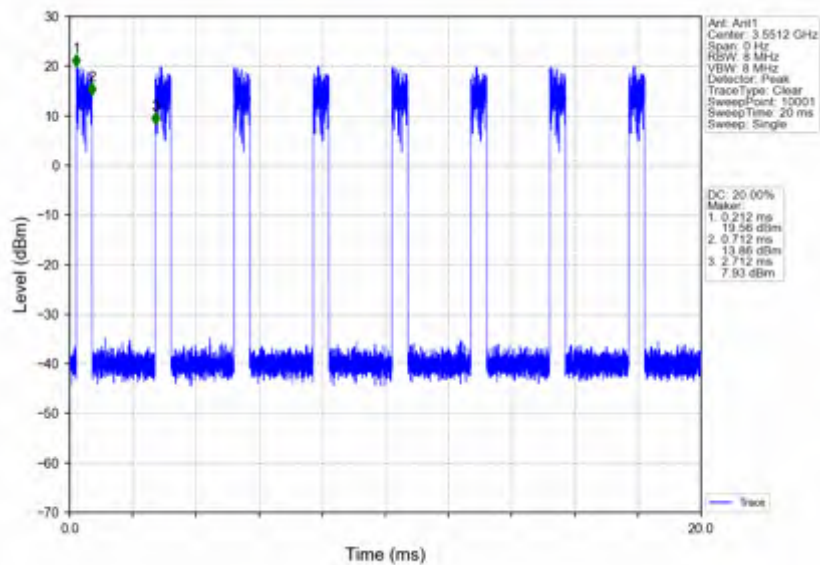
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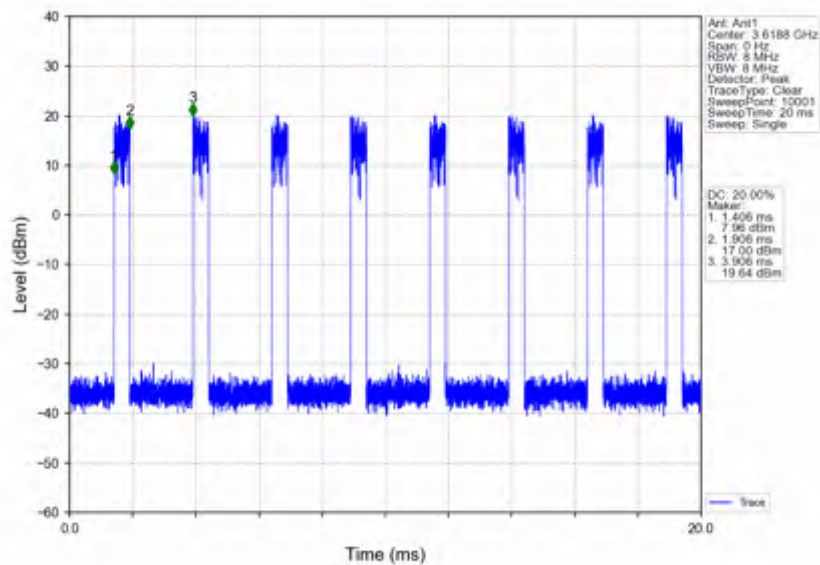
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_256\_QAM\_3585MHz\_Edge\_1RB\_Left



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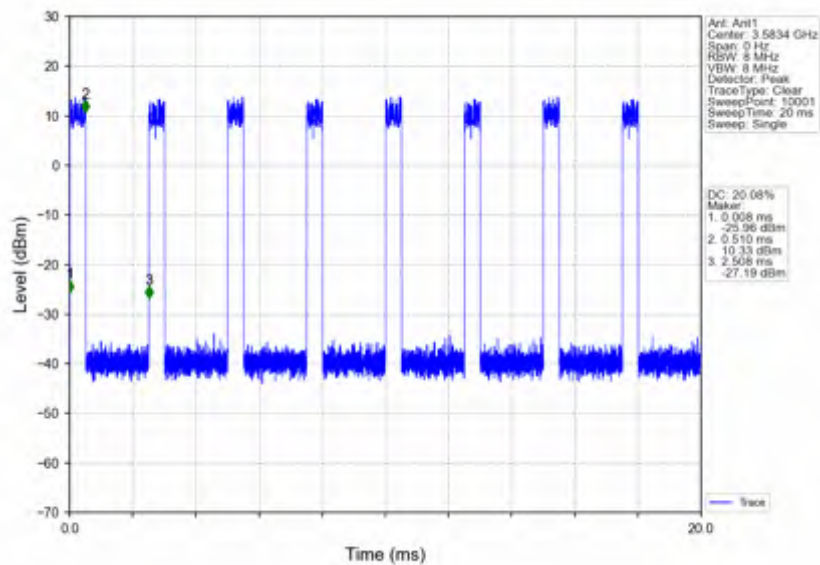
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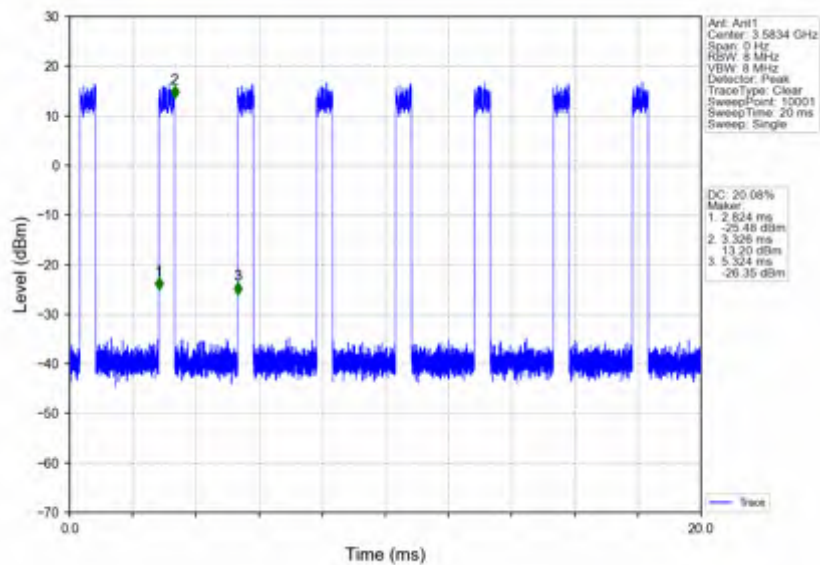
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_256\_QAM\_3585MHz\_Outer\_Full



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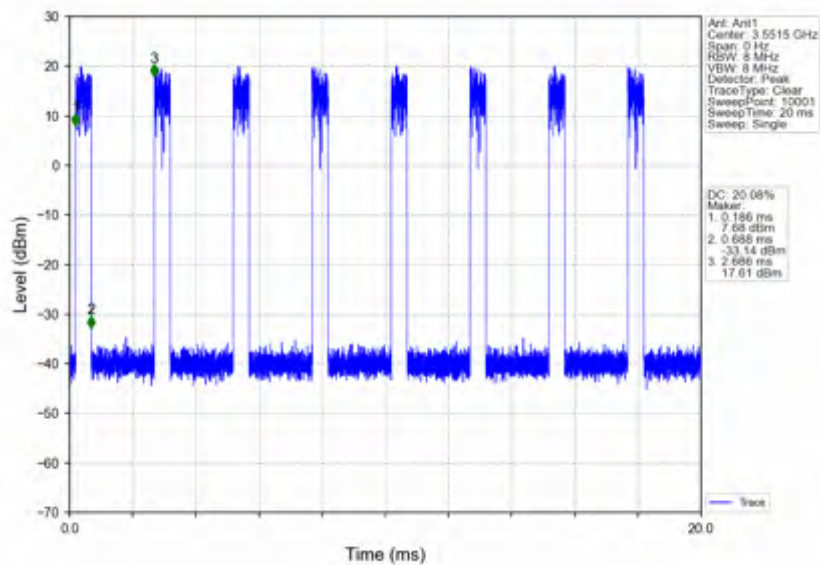
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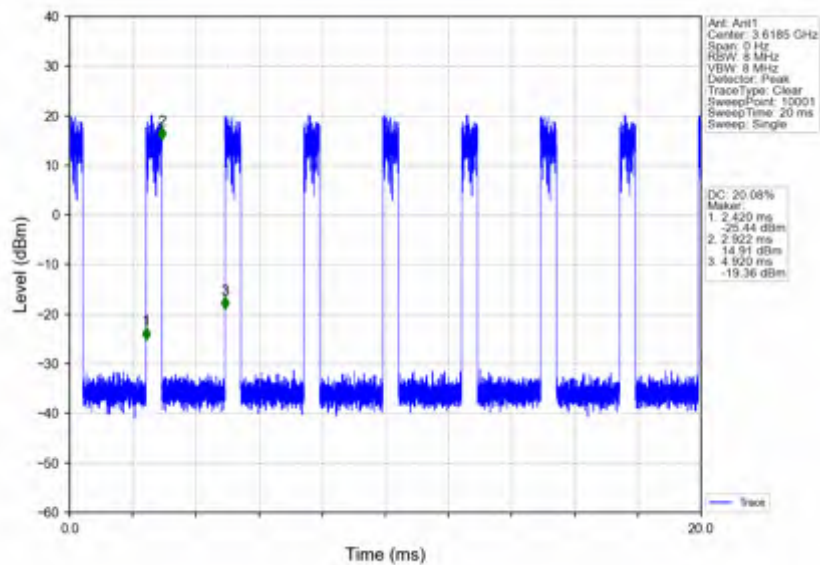
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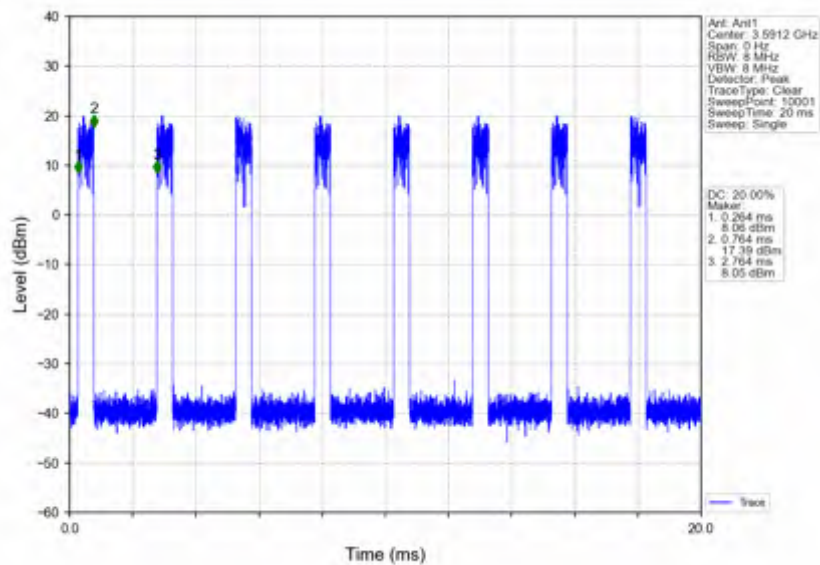


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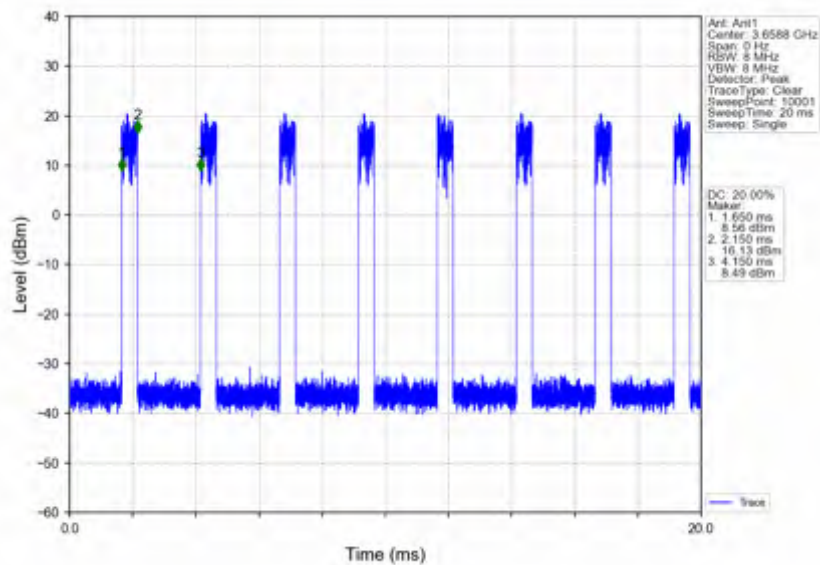
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_256\_QAM\_3624.99MHz\_Edge\_1RB\_Left



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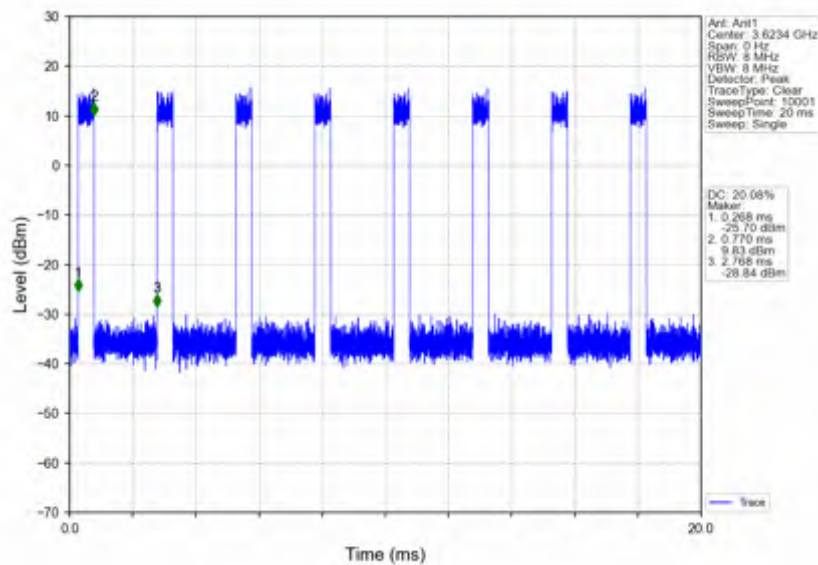


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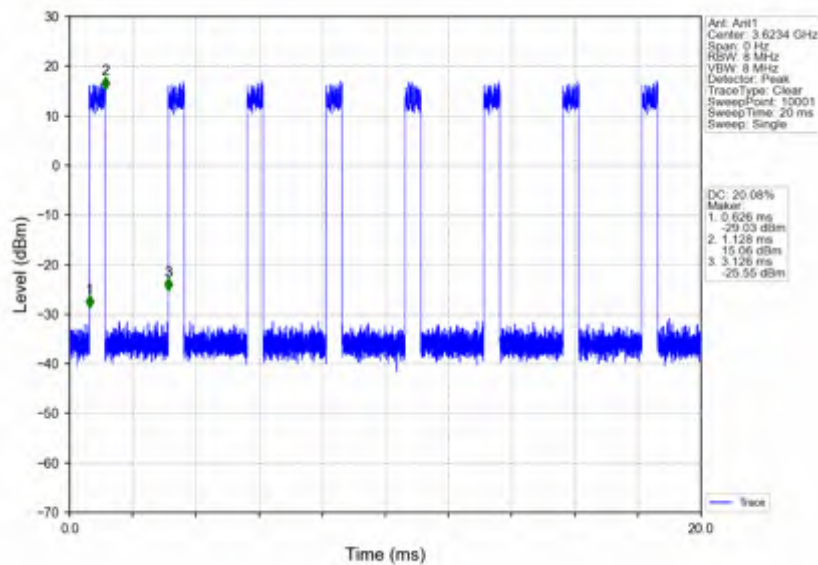
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_256\_QAM\_3624.99MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_256\_QAM\_3624.99MHz\_Inner\_Full



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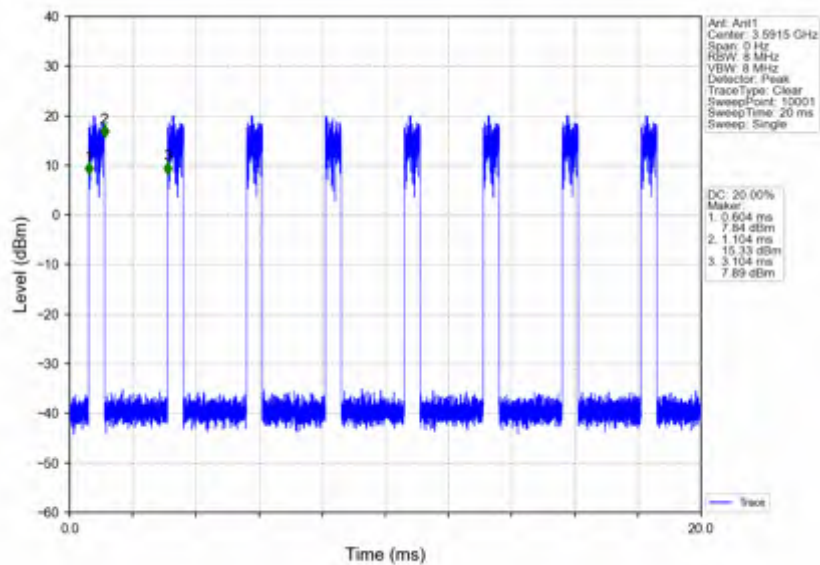
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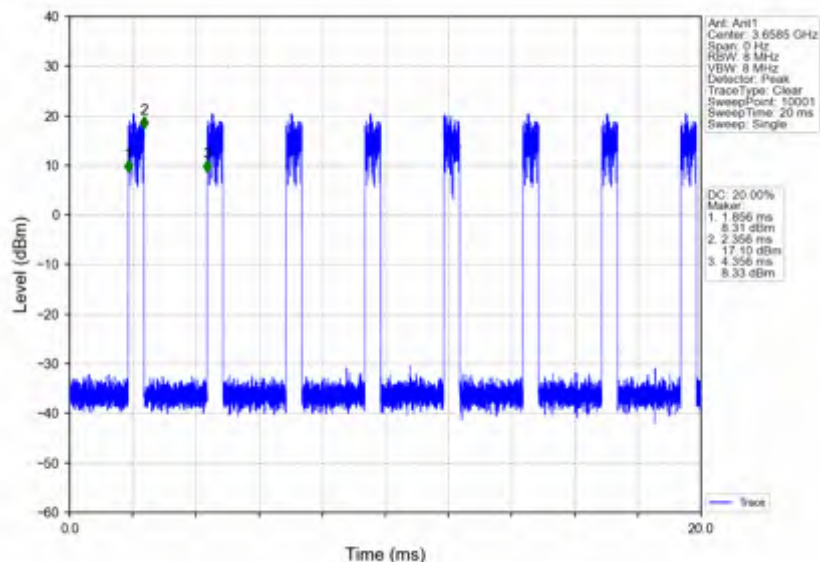
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_256\_QAM\_3624.99MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_256\_QAM\_3624.99MHz\_Inner\_1RB\_Right



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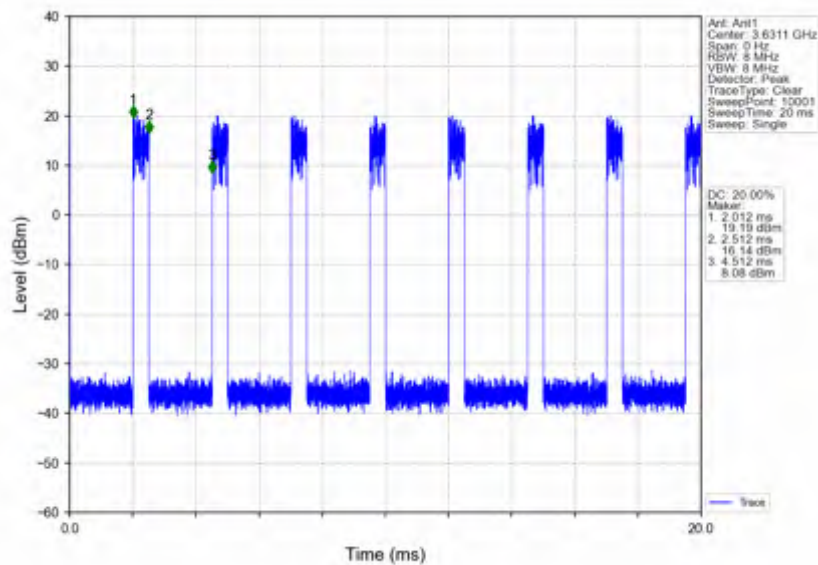
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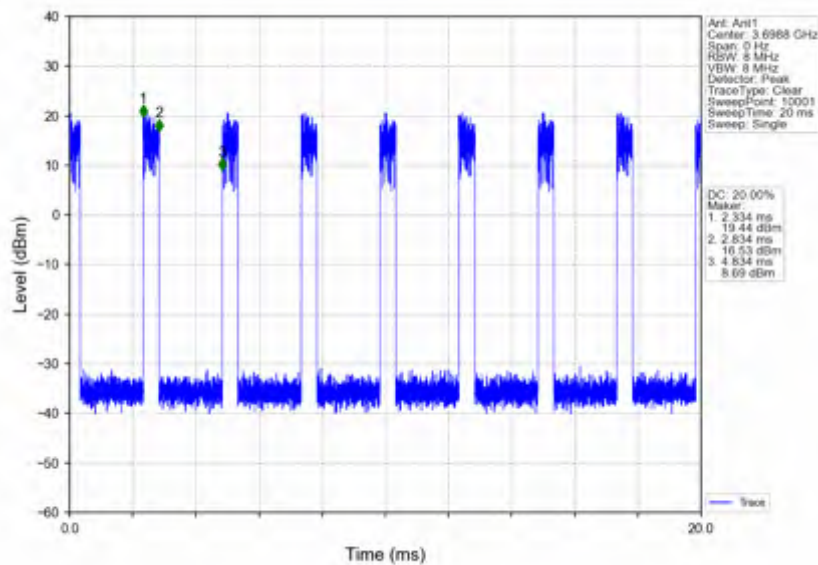
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_256\_QAM\_3664.98MHz\_Edge\_1RB\_Left



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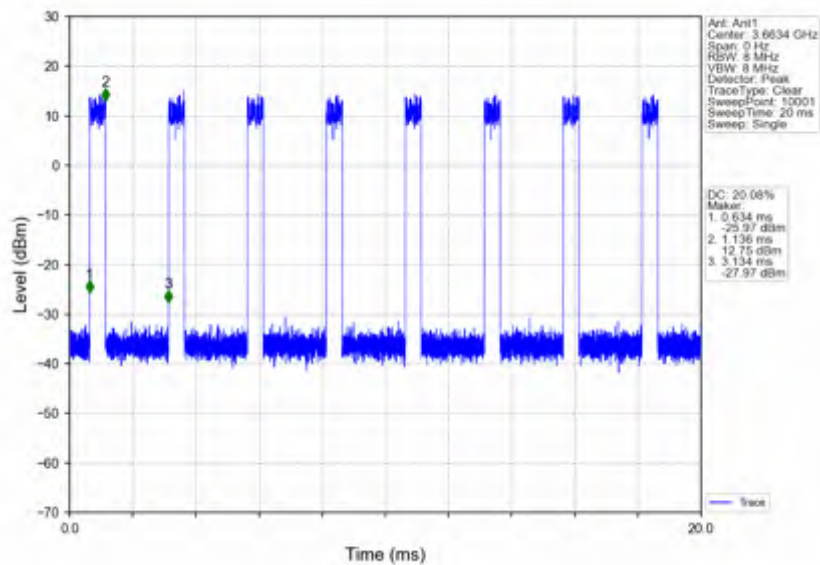


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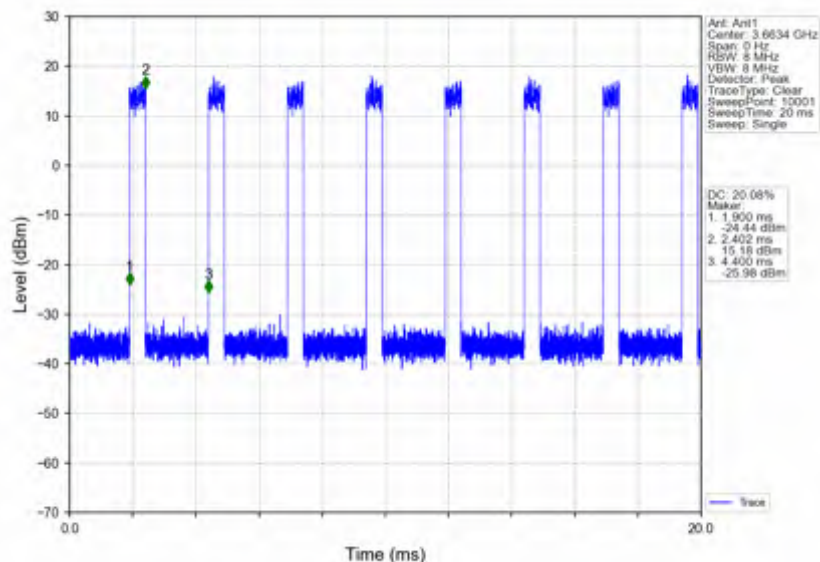
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_256\_QAM\_3664.98MHz\_Outer\_Full



|      |       |      |      |       |            |         |            |       |      |
|------|-------|------|------|-------|------------|---------|------------|-------|------|
| n78d | 30kHz | SISO | NTNV | 70MHz | DFT-s-OFDM | 256 QAM | 3664.98MHz | Inner | Full |
|------|-------|------|------|-------|------------|---------|------------|-------|------|

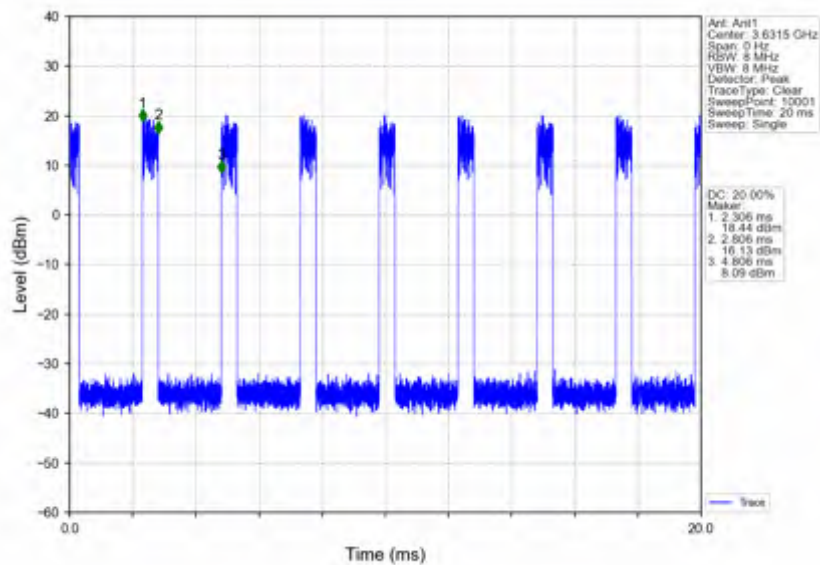


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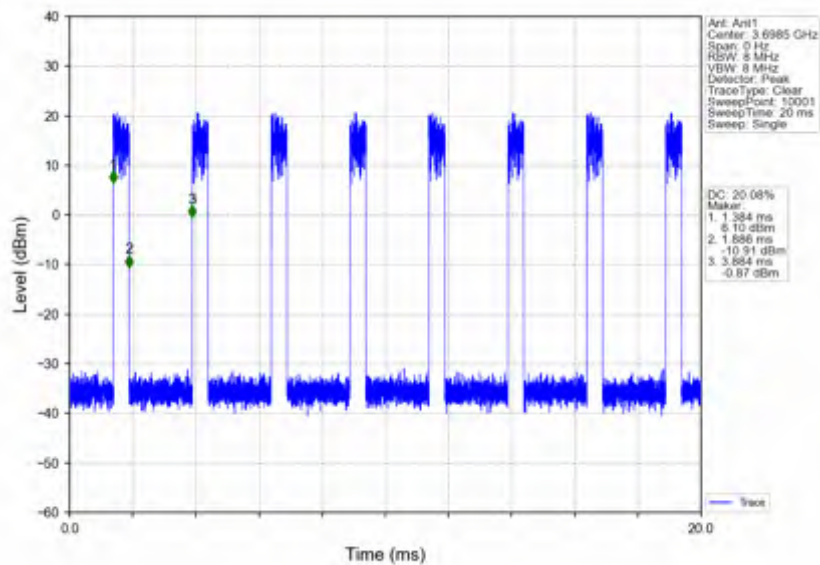
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_256\_QAM\_3664.98MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM\_256\_QAM\_3664.98MHz\_Inner\_1RB\_Right



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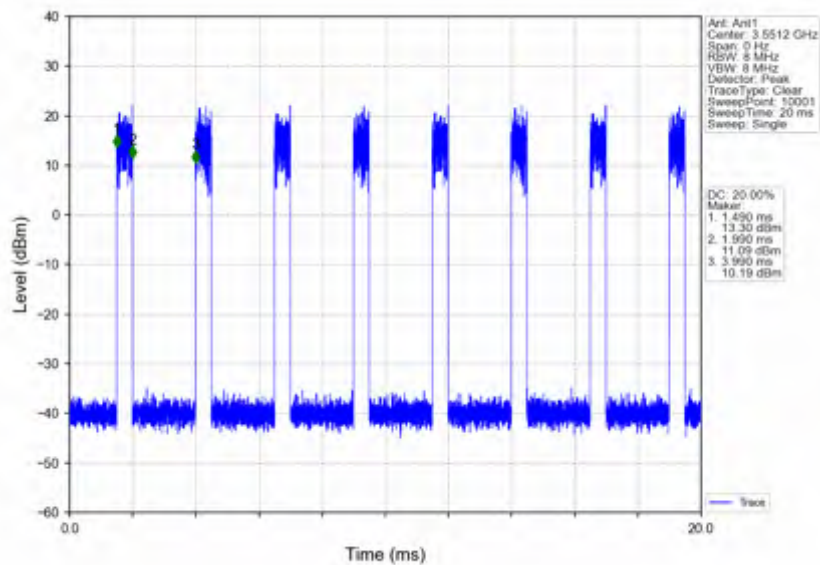
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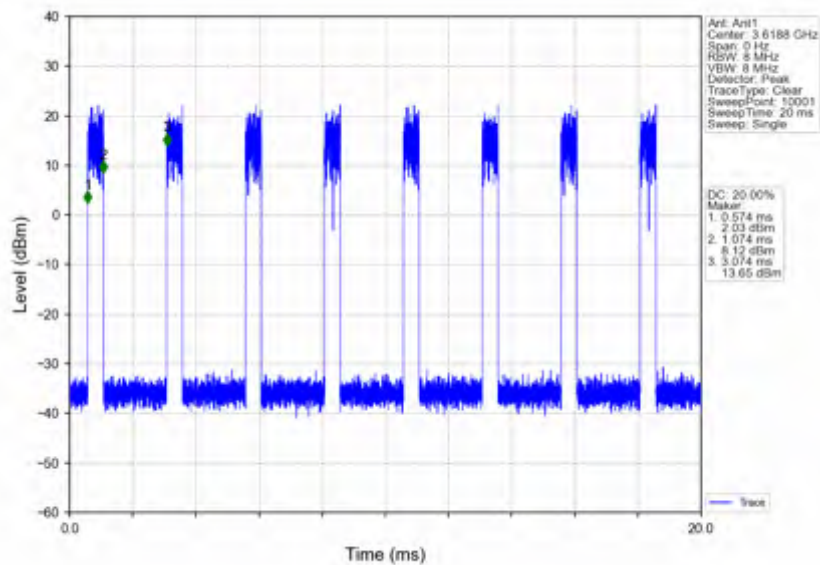
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n78d 30kHz SISO NTN\_V 70MHz CP-OFDM QPSK 3585MHz Edge 1RB Left



n78d 30kHz SISO NTN 70MHz CP-OFDM QPSK 3585MHz Edge 1RB Right

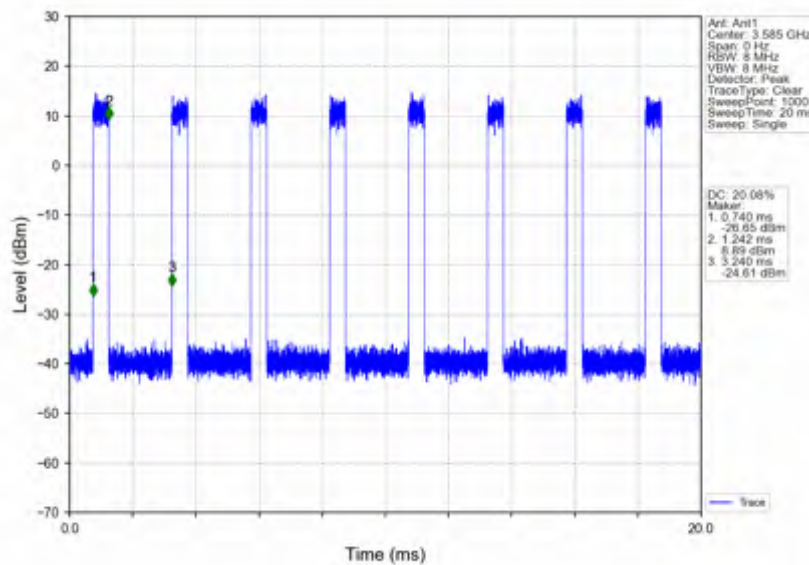


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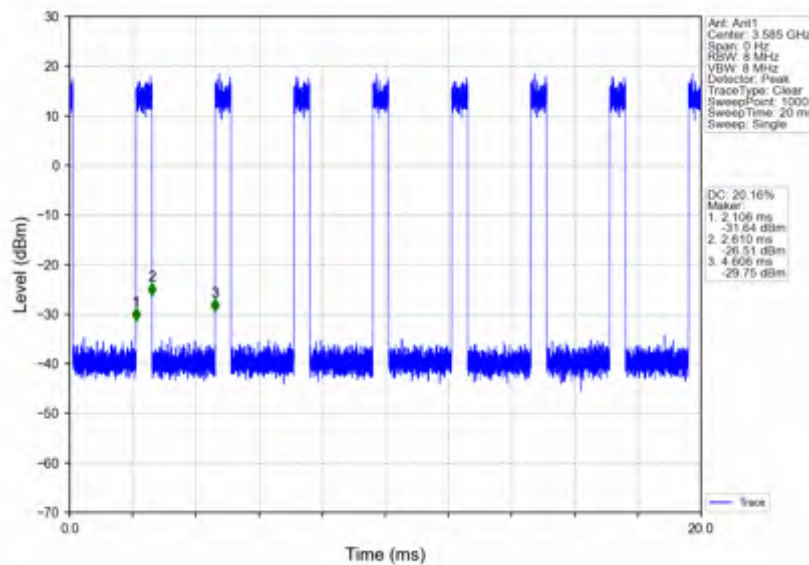
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3585MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3585MHz\_Inner\_Full



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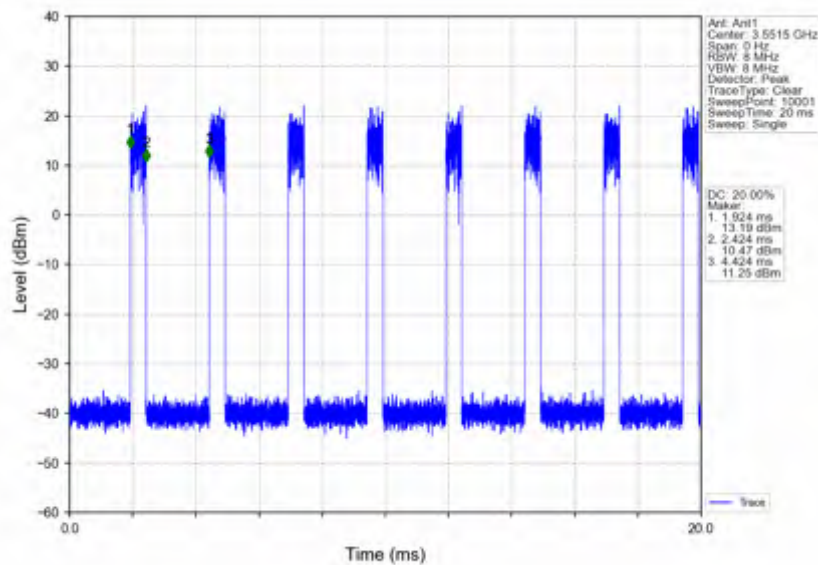
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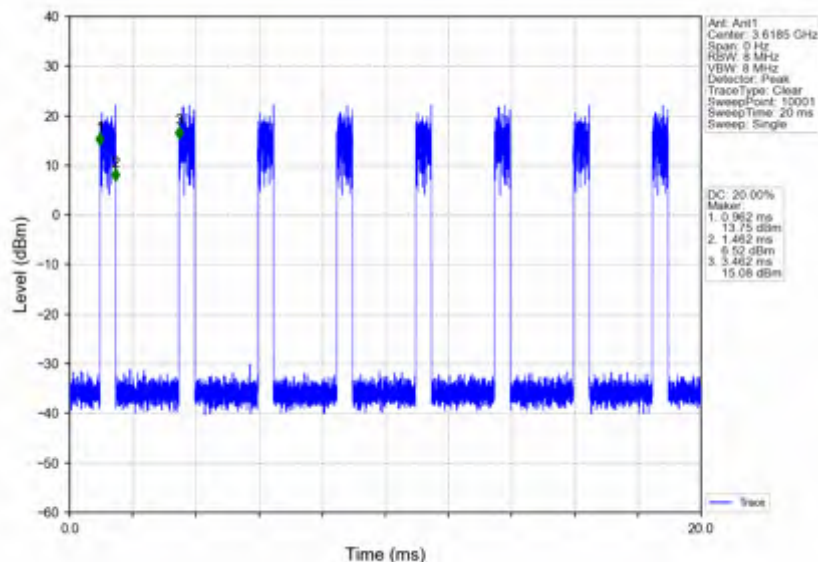
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3585MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3585MHz\_Inner\_1RB\_Right



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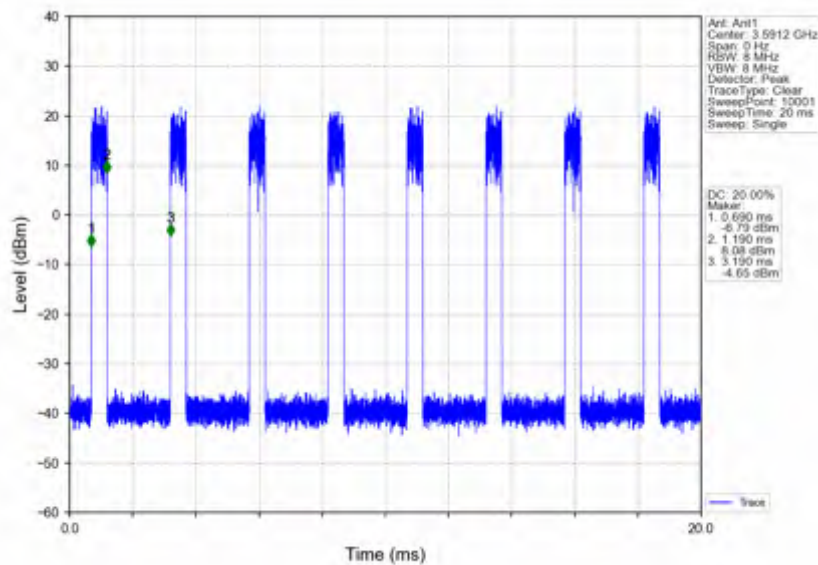
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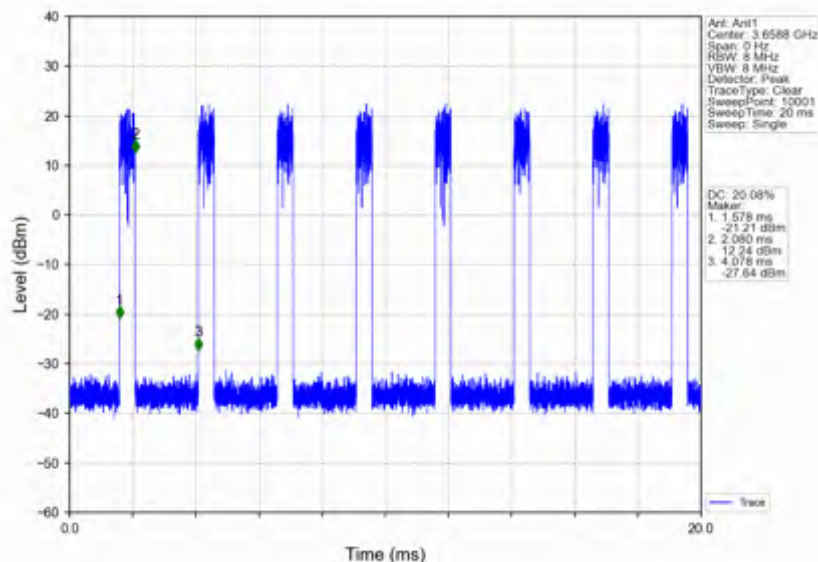
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n78d\_30kHz\_SISO\_NTV\_70MHz\_CP-OFDM\_QPSK\_3624.99MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTV\_70MHz\_CP-OFDM\_QPSK\_3624.99MHz\_Edge\_1RB\_Right



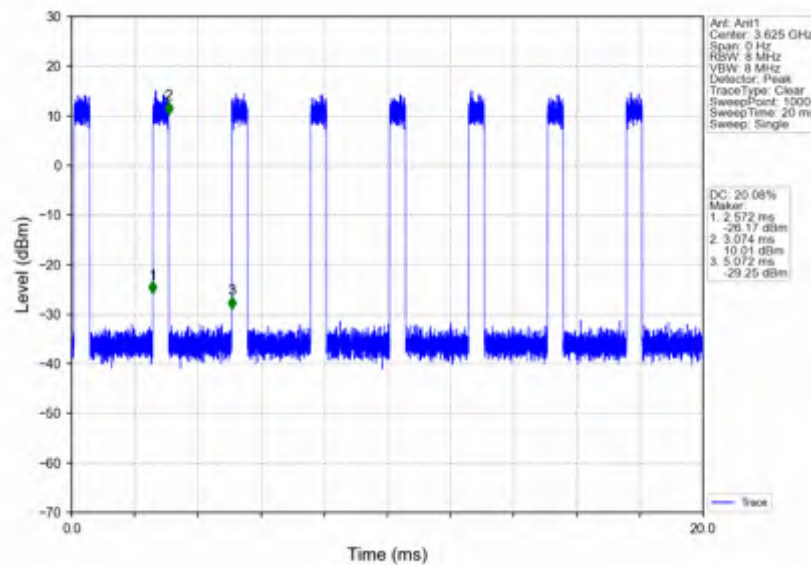
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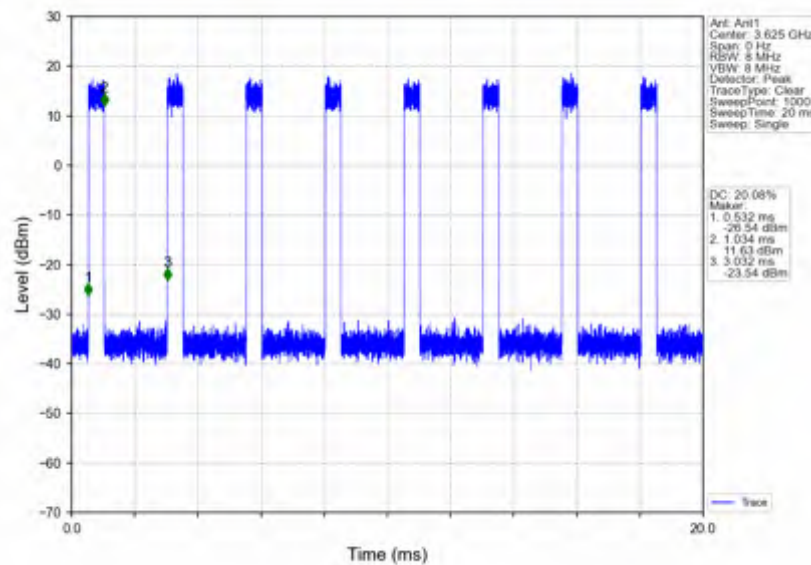
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3624.99MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3624.99MHz\_Inner\_Full



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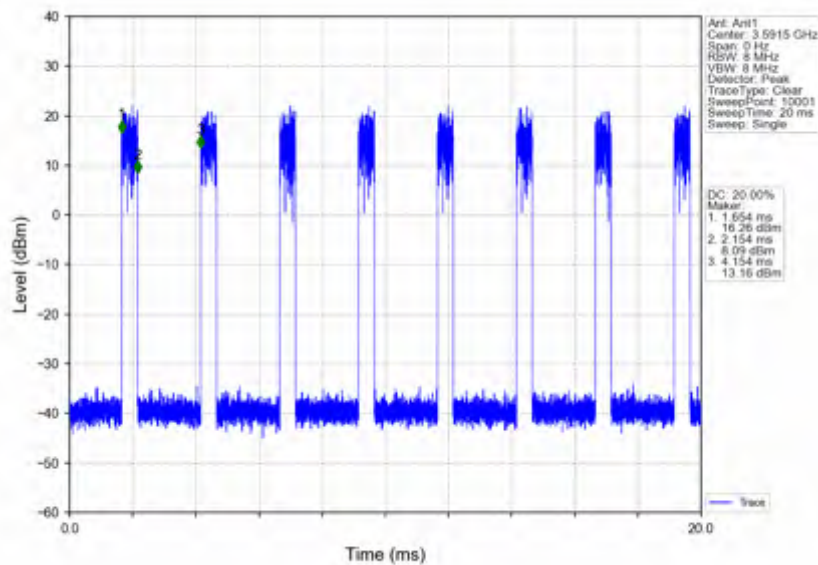
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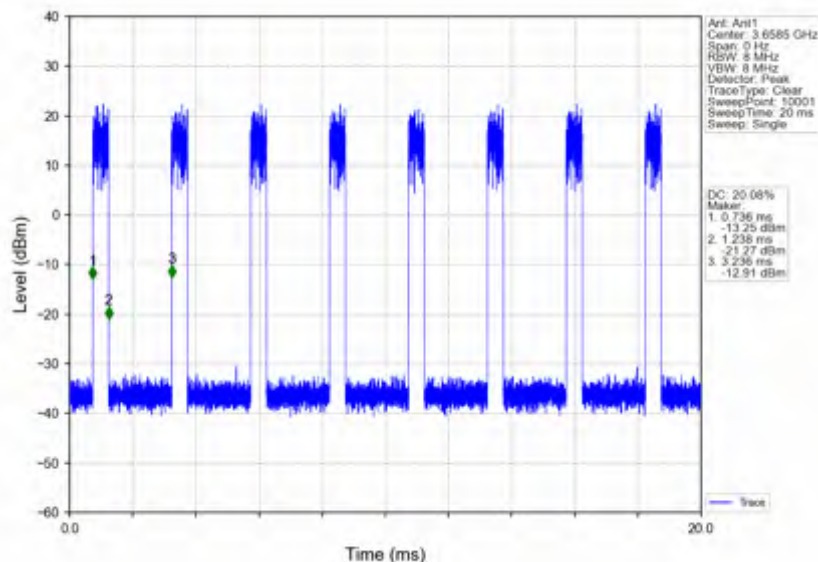
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n78d\_30kHz\_SISO\_NTV\_70MHz\_CP-OFDM\_QPSK\_3624.99MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTV\_70MHz\_CP-OFDM\_QPSK\_3624.99MHz\_Inner\_1RB\_Right



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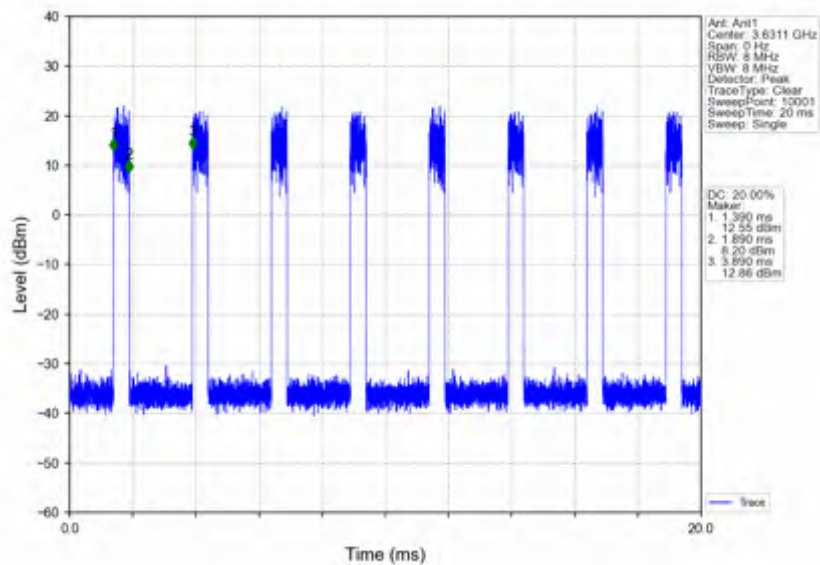
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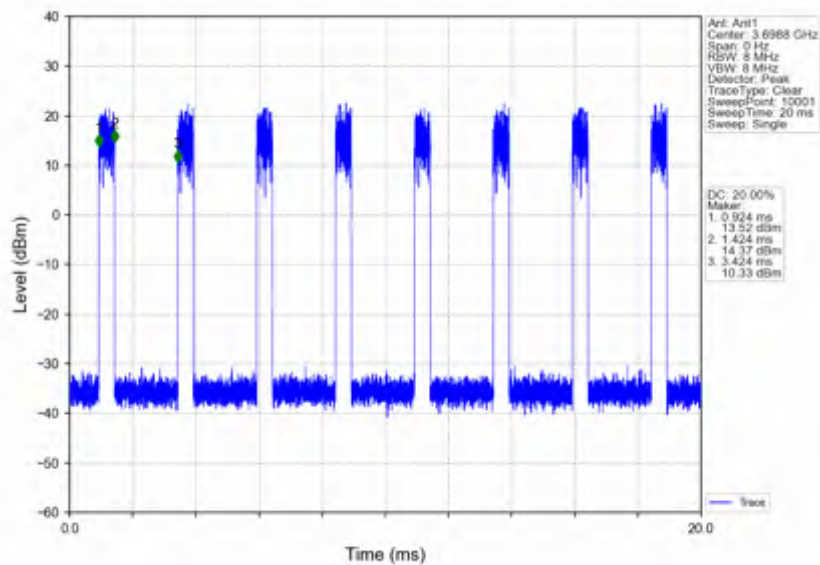
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3664.98MHz\_Edge\_1RB\_Left



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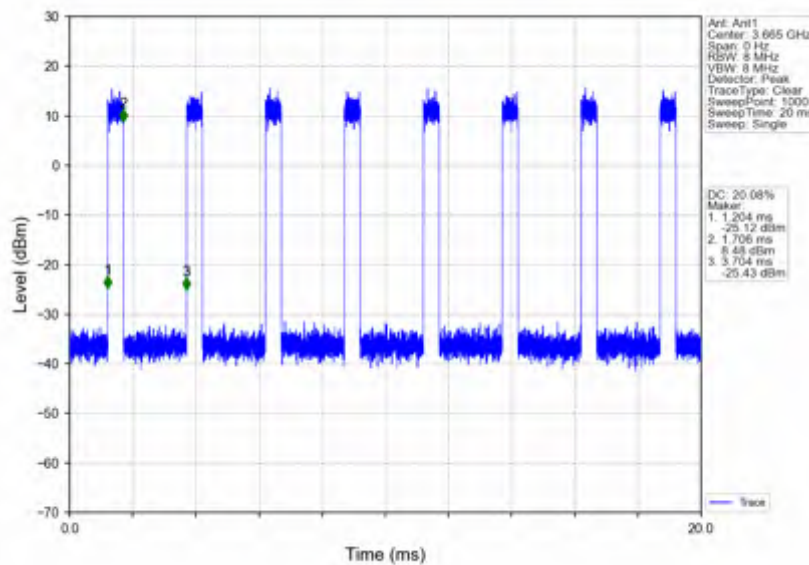


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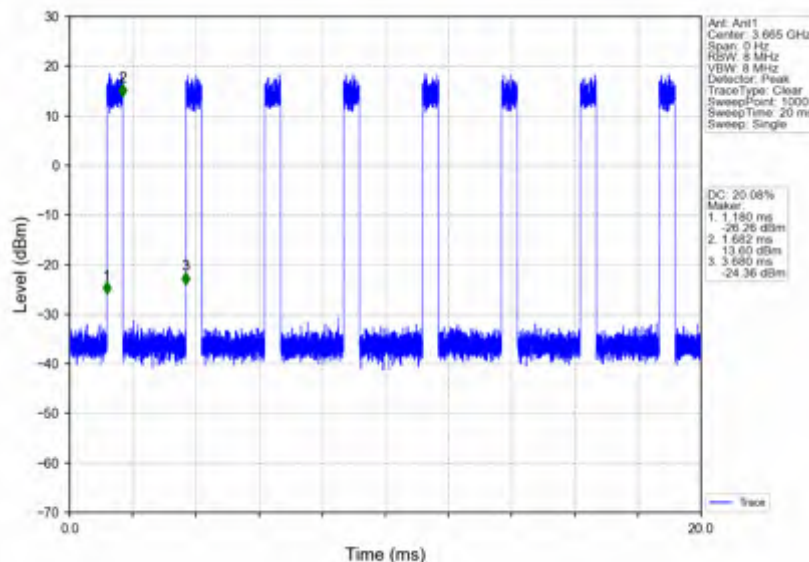
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86-5125735688 86-5125737011 sgs.china@sgs.com

n78d 30kHz SISO NTV 70MHz CP-OFDM QPSK 3664.98MHz Outer Full



n78d 30kHz SISO NTN 70MHz CP-OFDM QPSK 3664.98MHz Inner Full

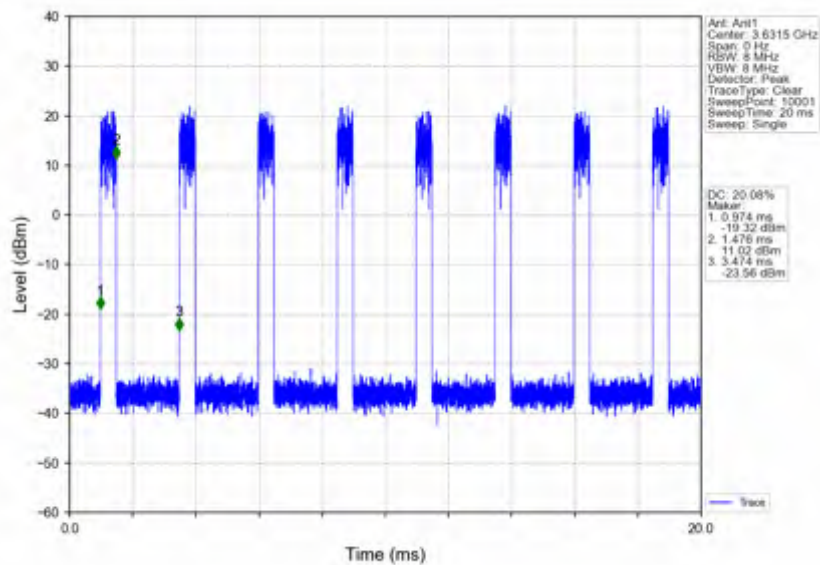


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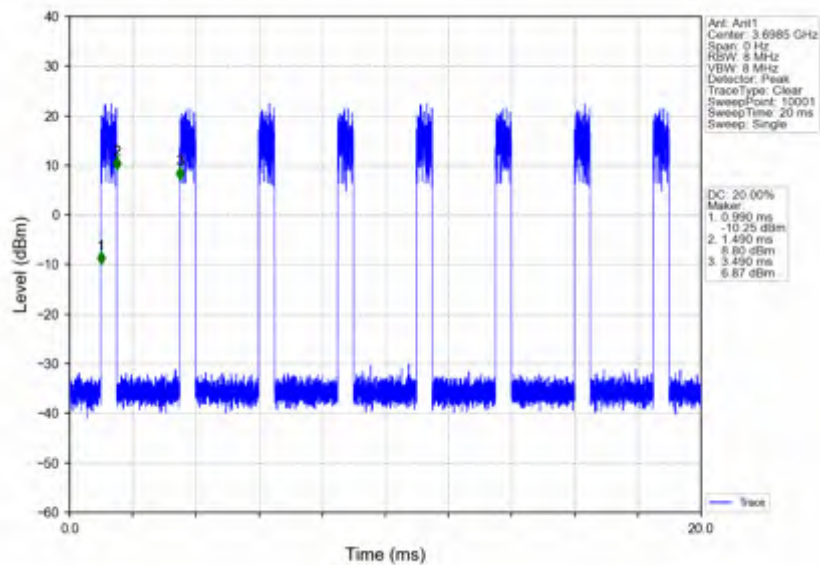
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3664.98MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3664.98MHz\_Inner\_1RB\_Right



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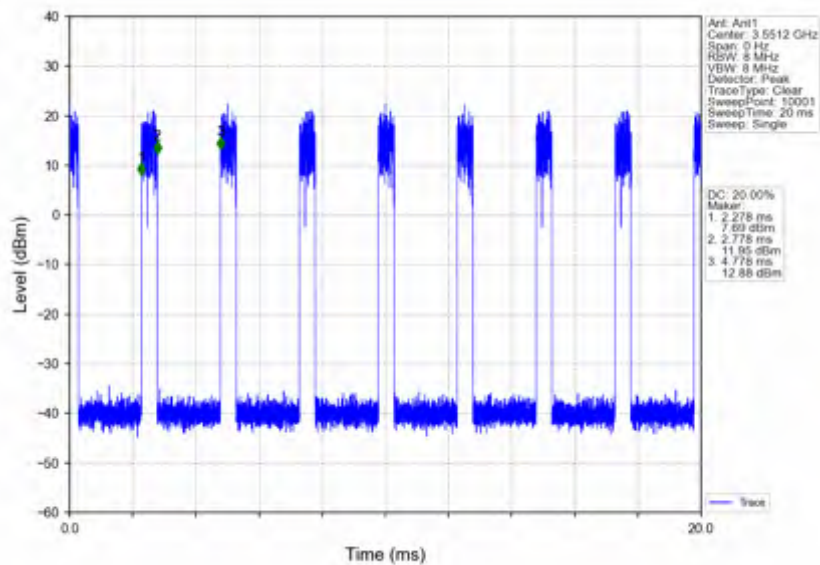
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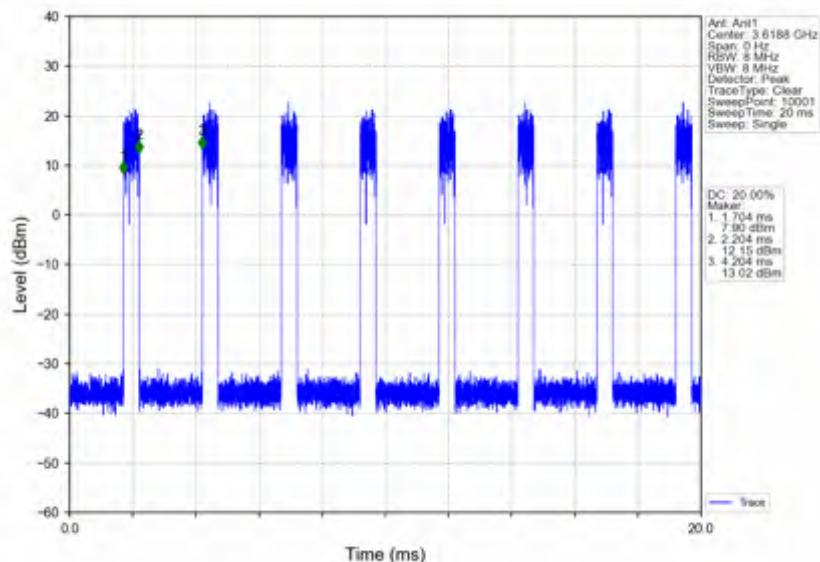
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_16\_QAM\_3585MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_16\_QAM\_3585MHz\_Edge\_1RB\_Right



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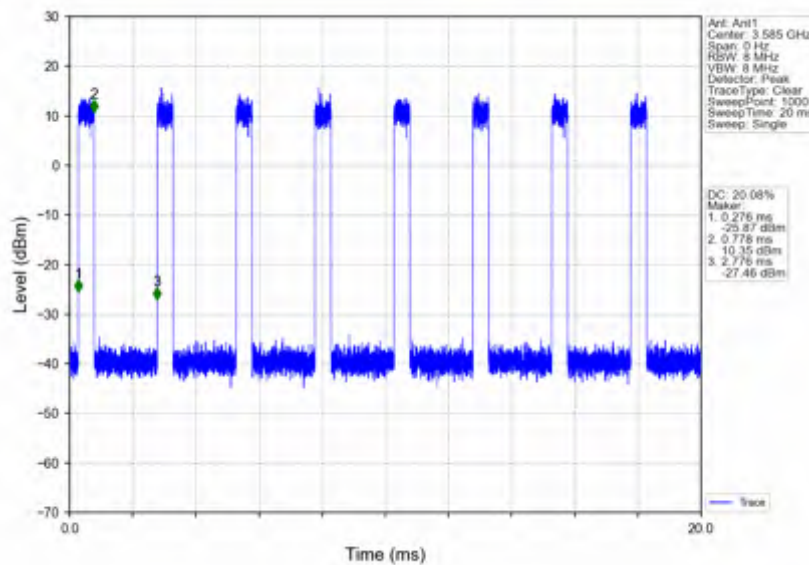
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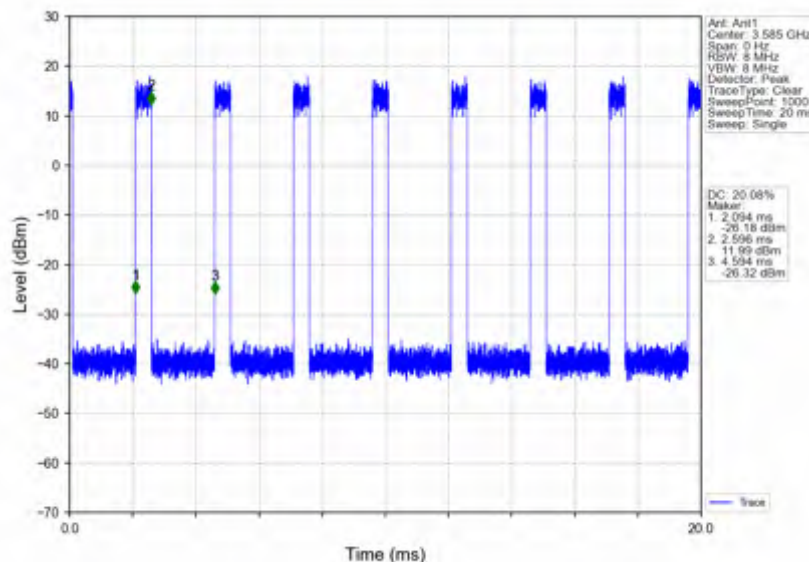
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_16\_QAM\_3585MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_16\_QAM\_3585MHz\_Inner\_Full



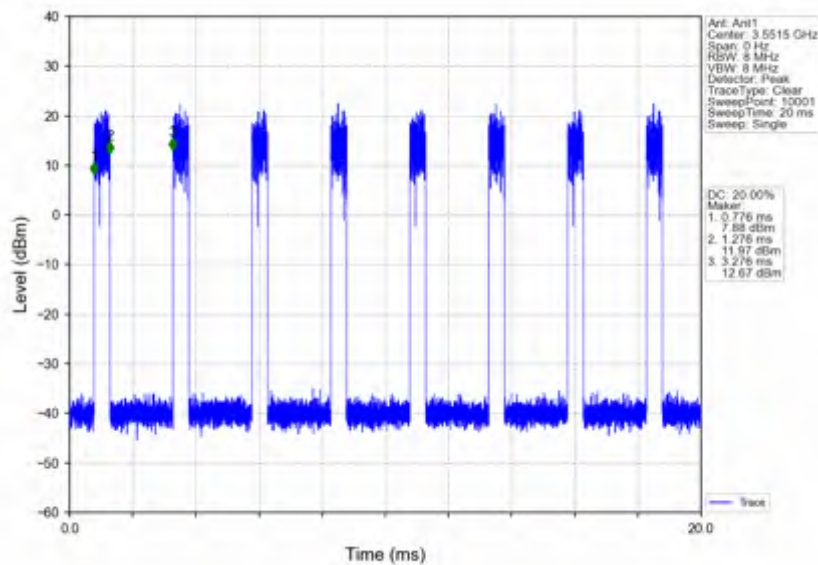
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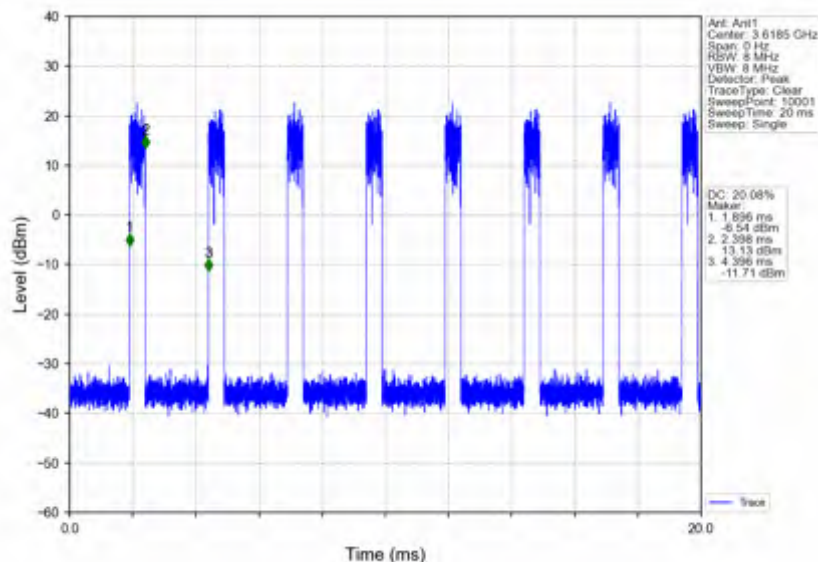
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 16 QAM\_3585MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 16 QAM\_3585MHz\_Inner\_1RB\_Right



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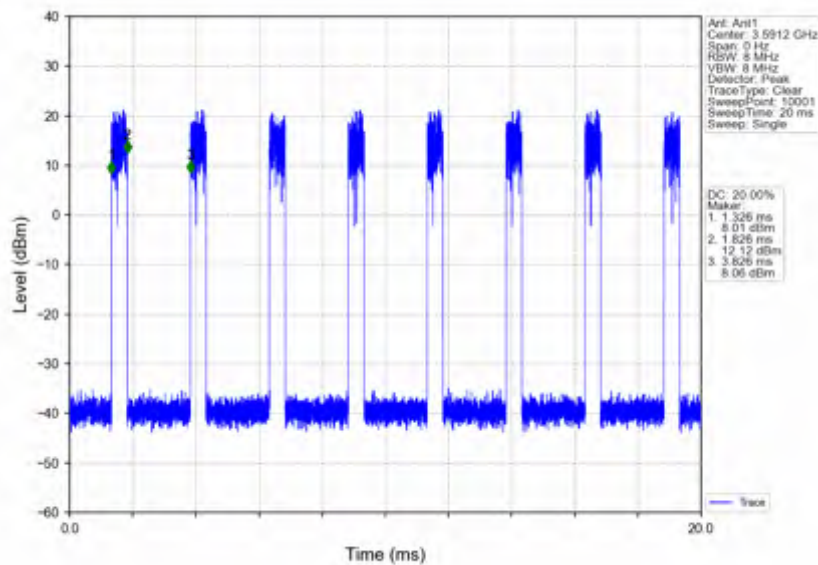
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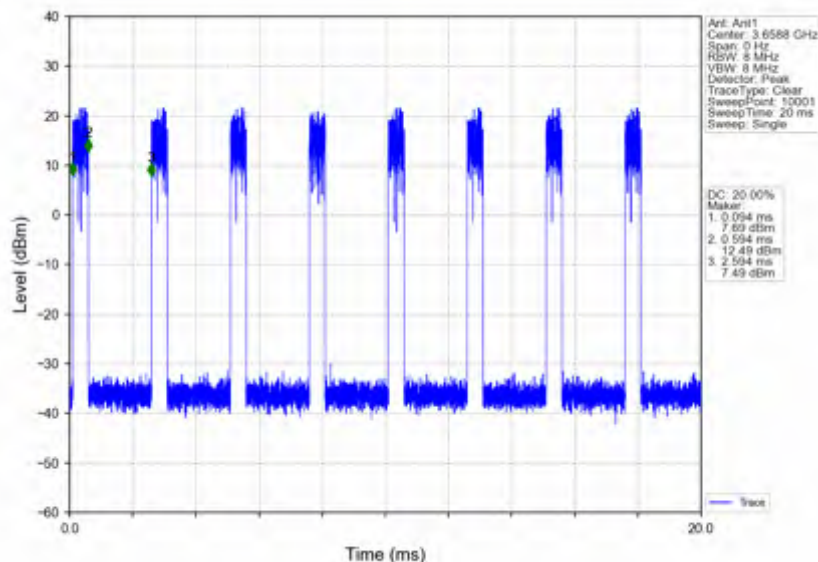
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 16 QAM\_3624.99MHz\_Edge\_1RB\_Left



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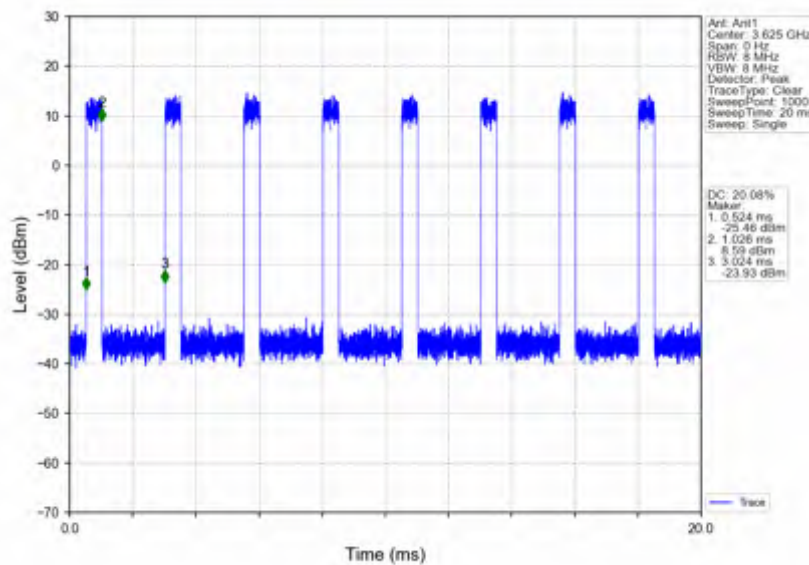


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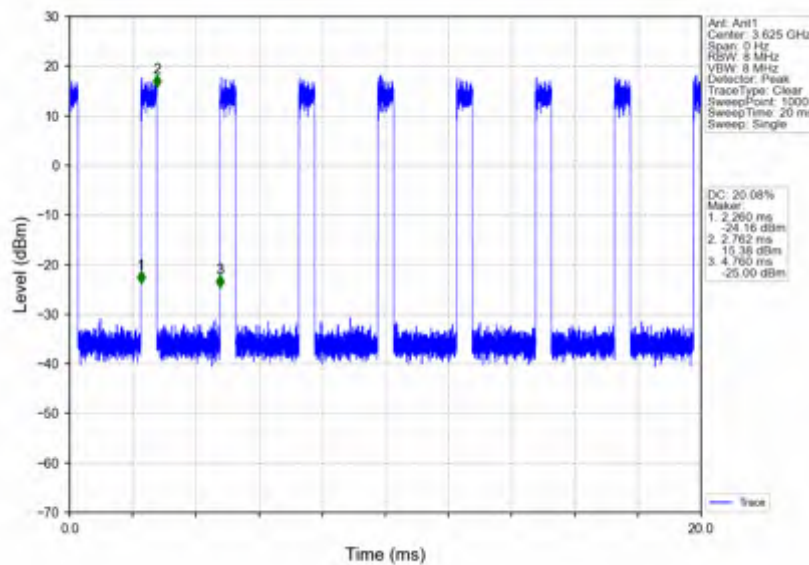
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 16 QAM 3624.99MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 16 QAM 3624.99MHz\_Inner\_Full



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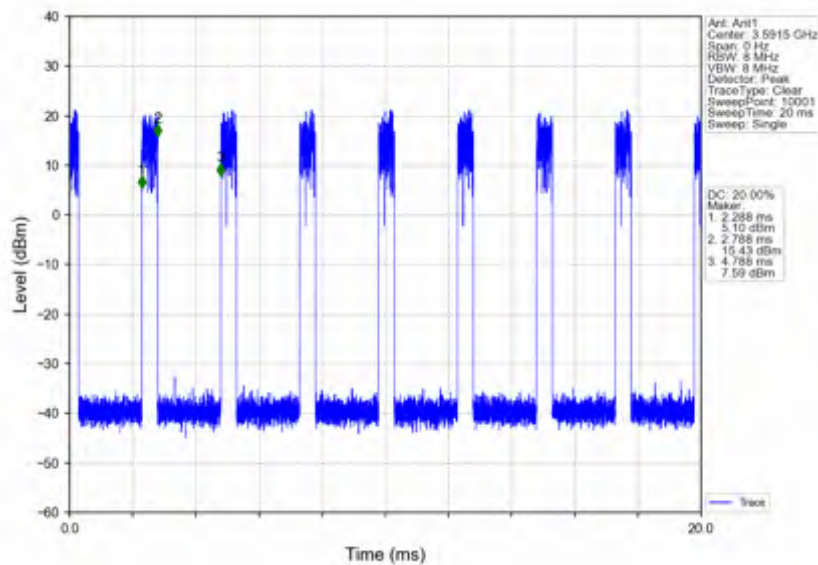
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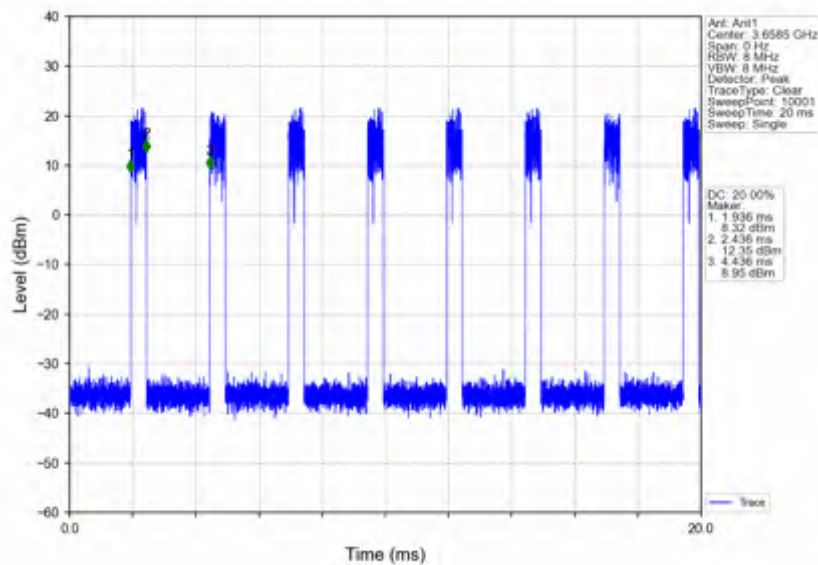
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_16\_QAM\_3624.99MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_16\_QAM\_3624.99MHz\_Inner\_1RB\_Right



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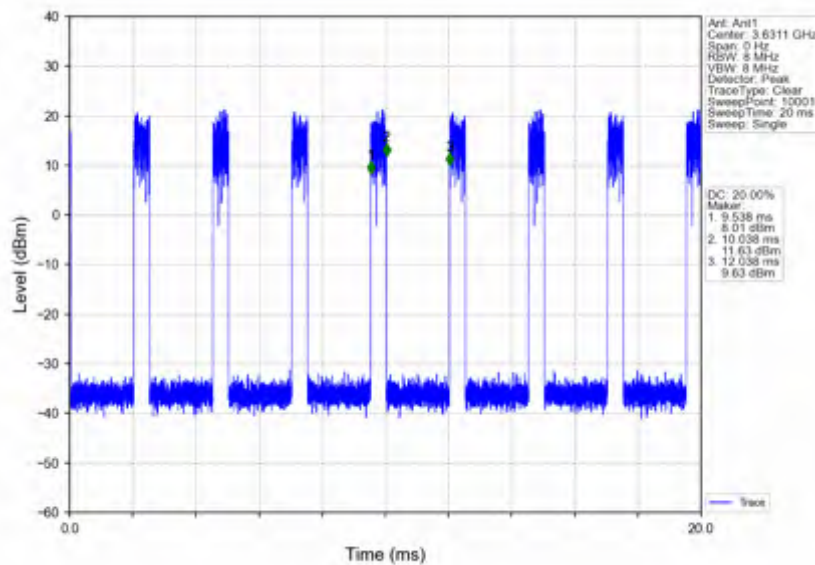
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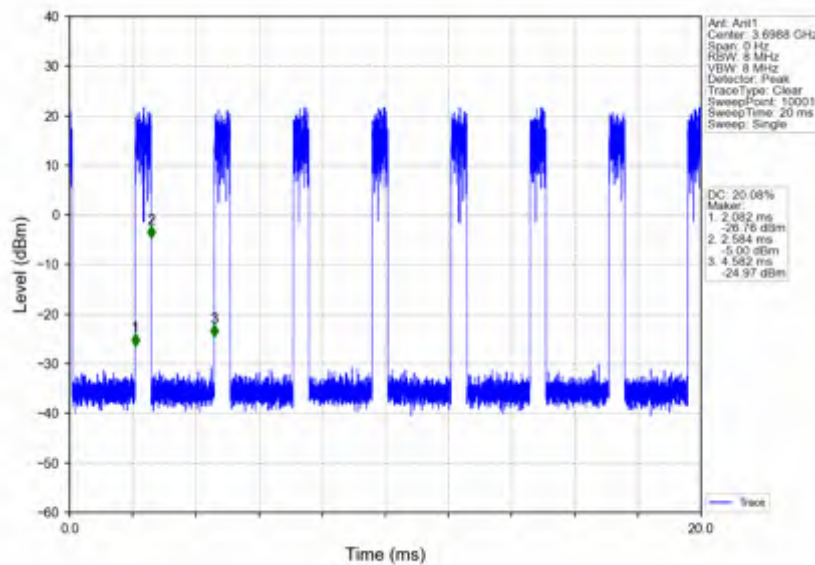
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_16\_QAM\_3664.98MHz\_Edge\_1RB\_Left



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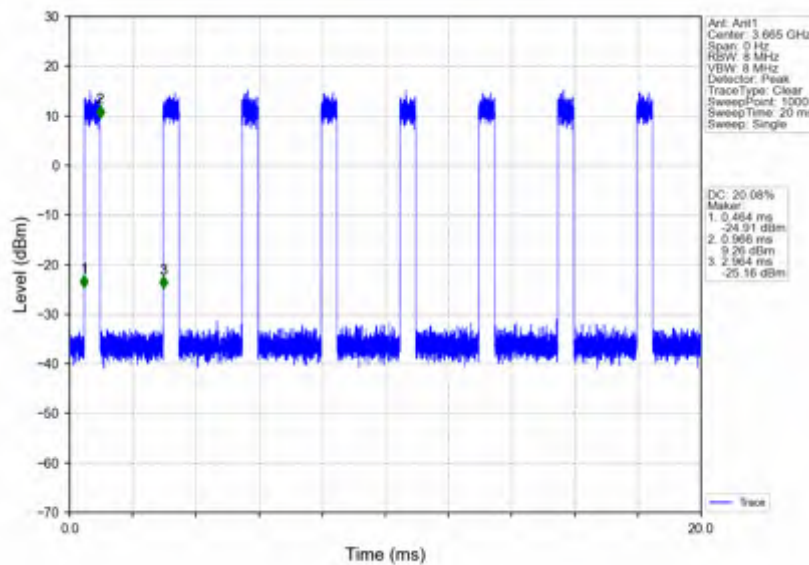
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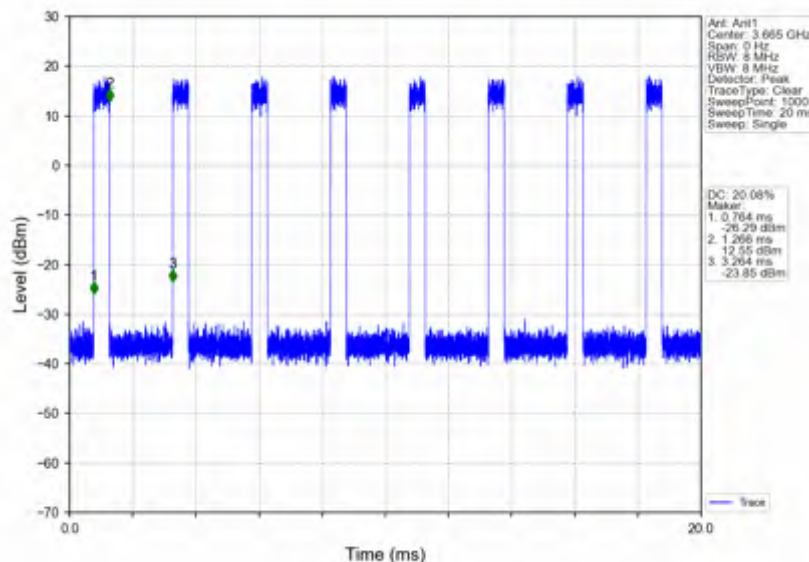
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_16\_QAM\_3664.98MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_16\_QAM\_3664.98MHz\_Inner\_Full



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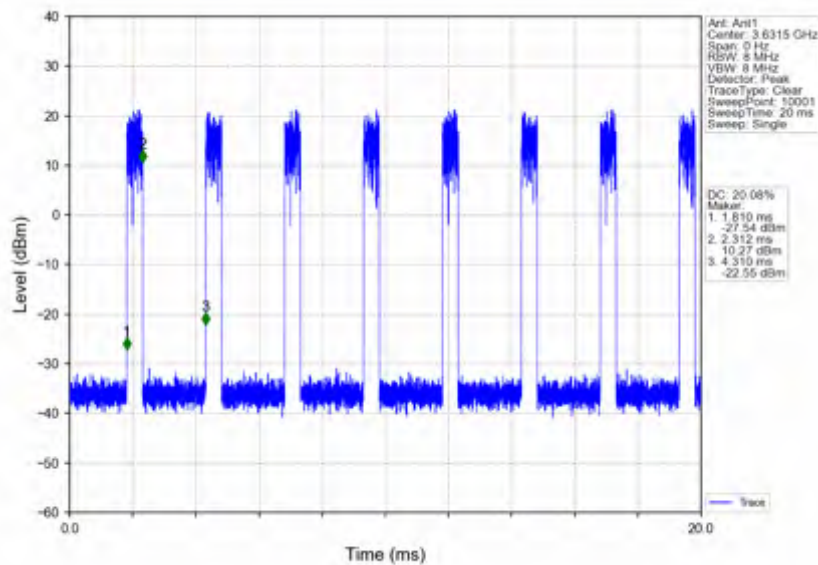
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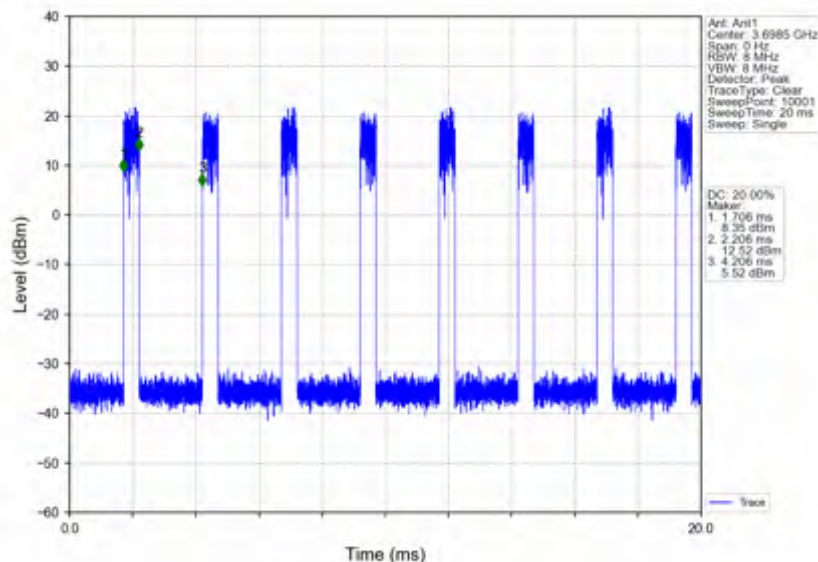
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_16\_QAM\_3664.98MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_16\_QAM\_3664.98MHz\_Inner\_1RB\_Right

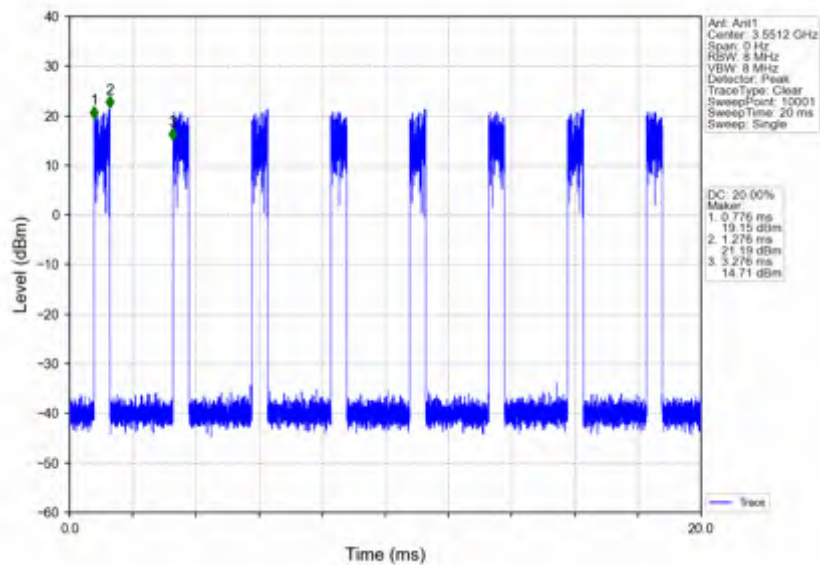


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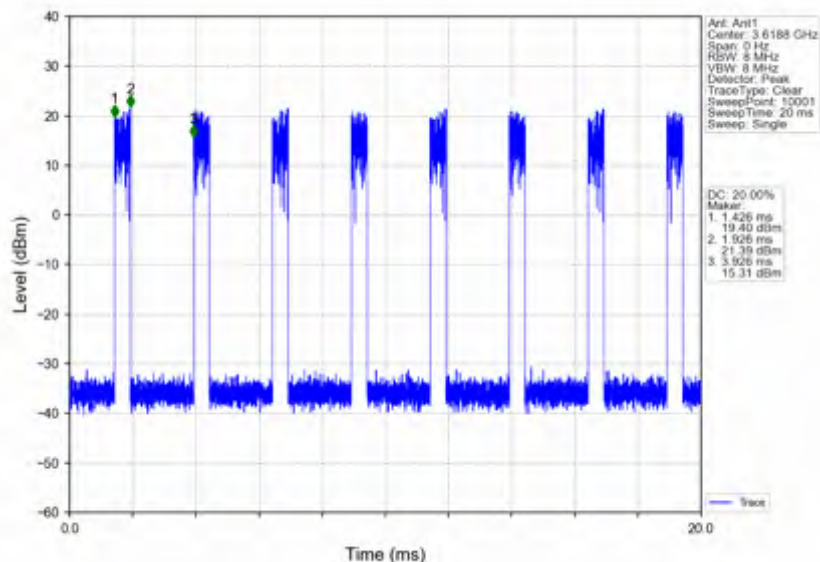
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0512-57350883 0512-57370911 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_64\_QAM\_3585MHz\_Edge\_1RB\_Left



n78d 30kHz SISO NTN 70MHz CP-OFDM 64 QAM 3585MHz Edge 1RB Right

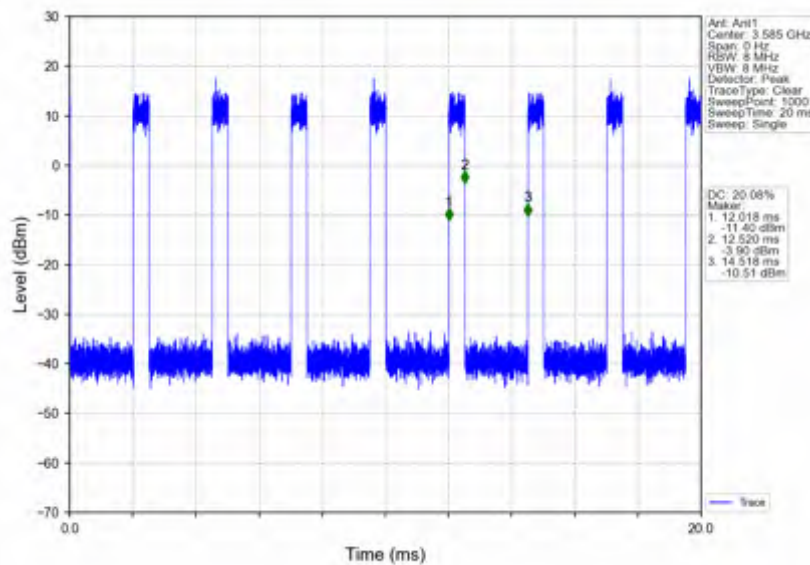


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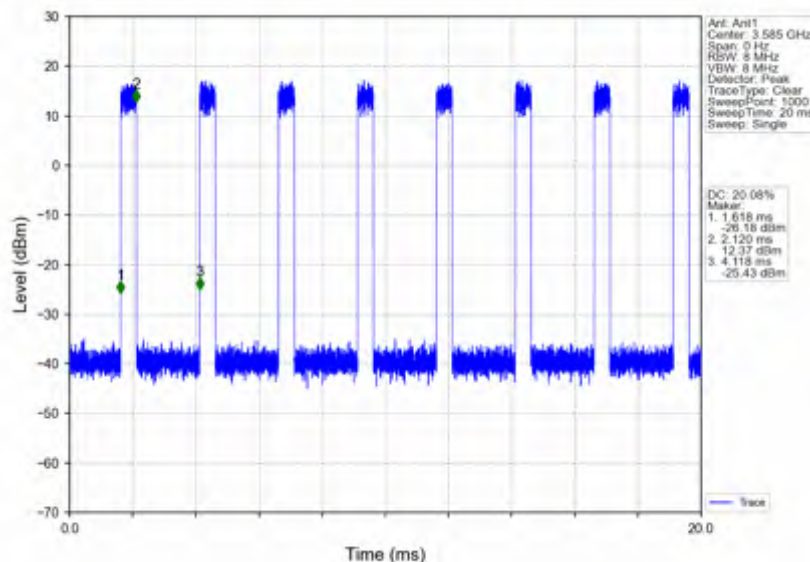
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086-5125735688 086-5125737091 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3585MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3585MHz\_Inner\_Full



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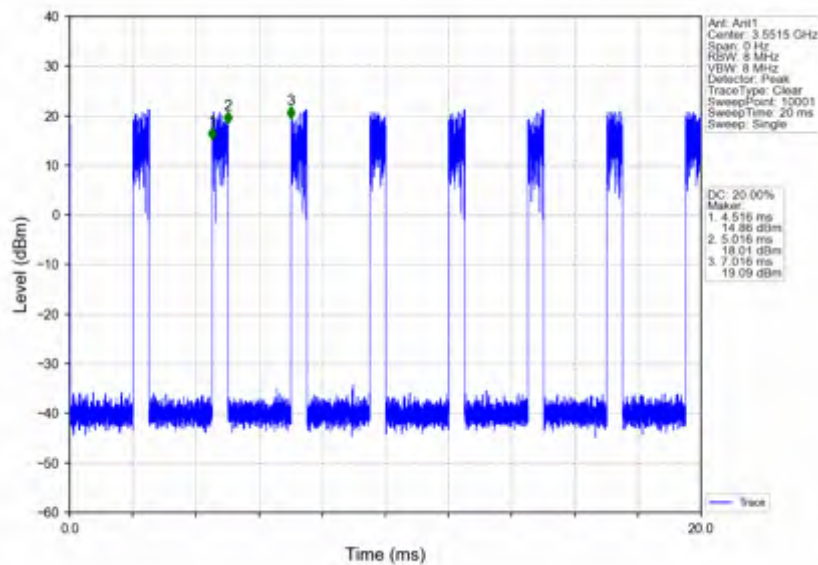
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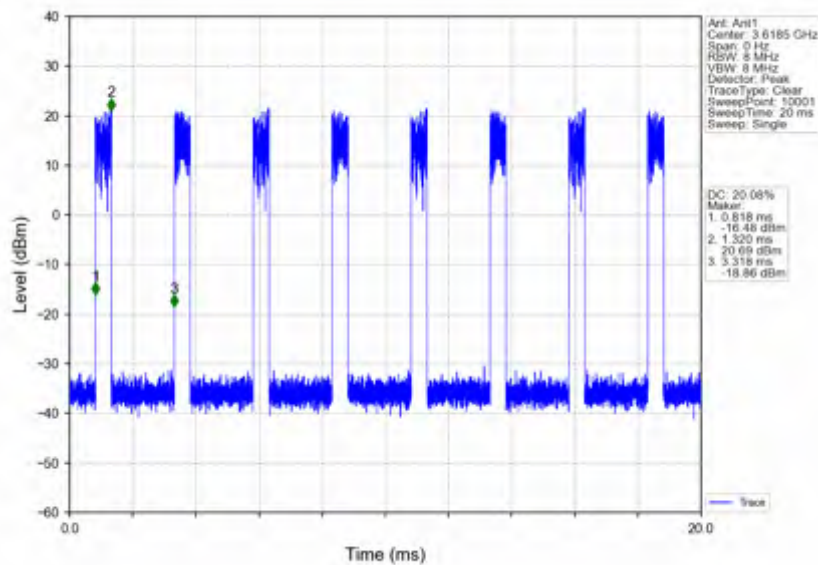
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3585MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3585MHz\_Inner\_1RB\_Right



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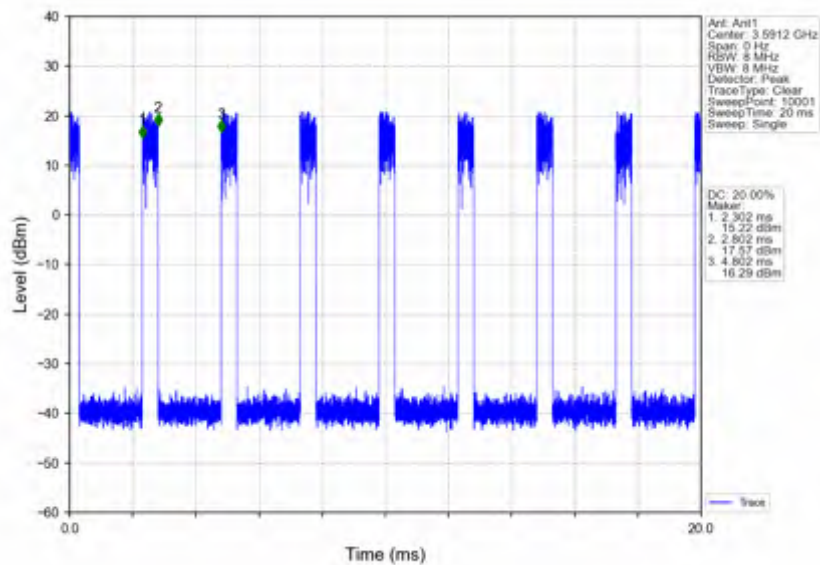
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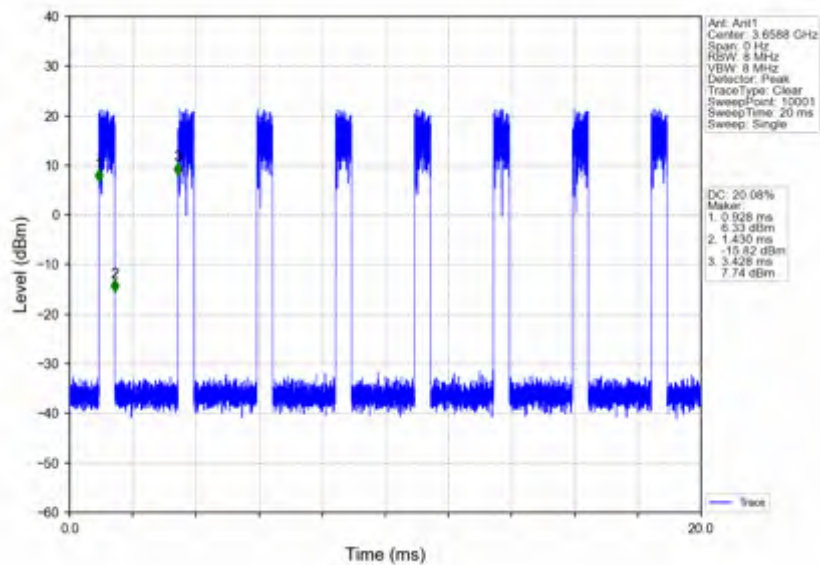
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_64\_QAM\_3624.99MHz\_Edge\_1RB\_Left



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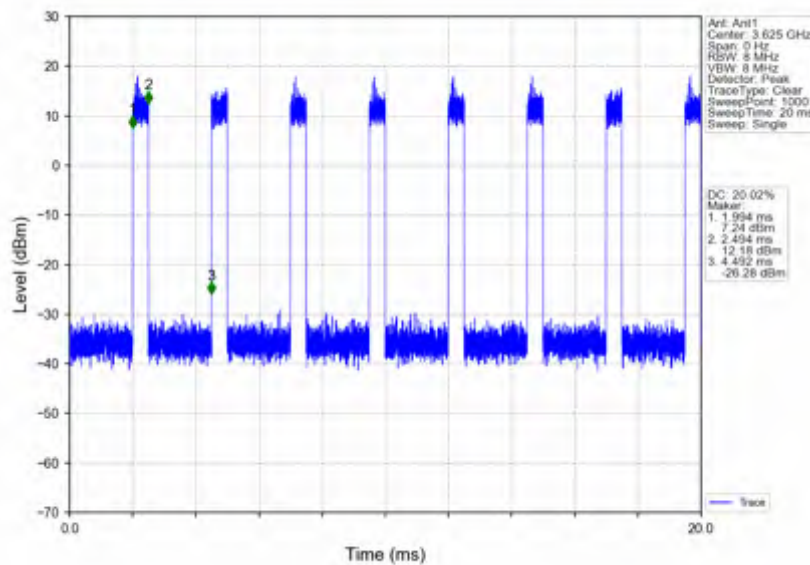


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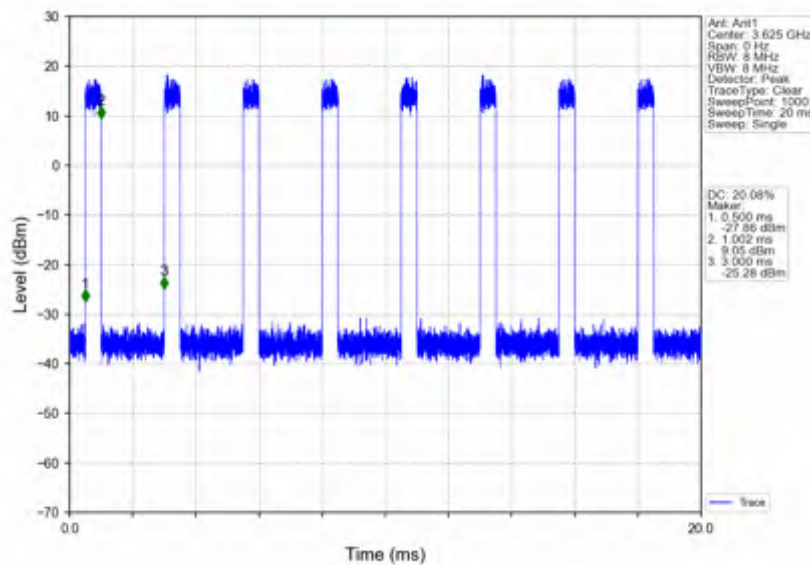
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Inner\_Full



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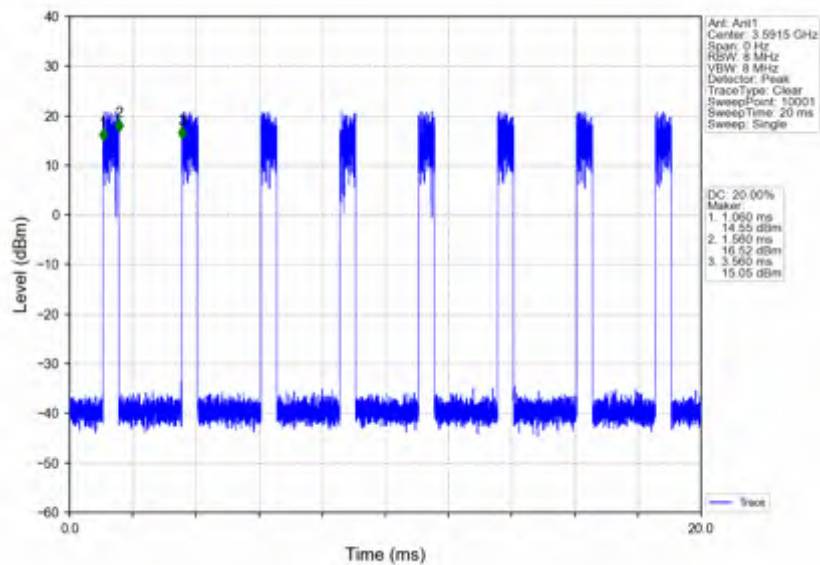
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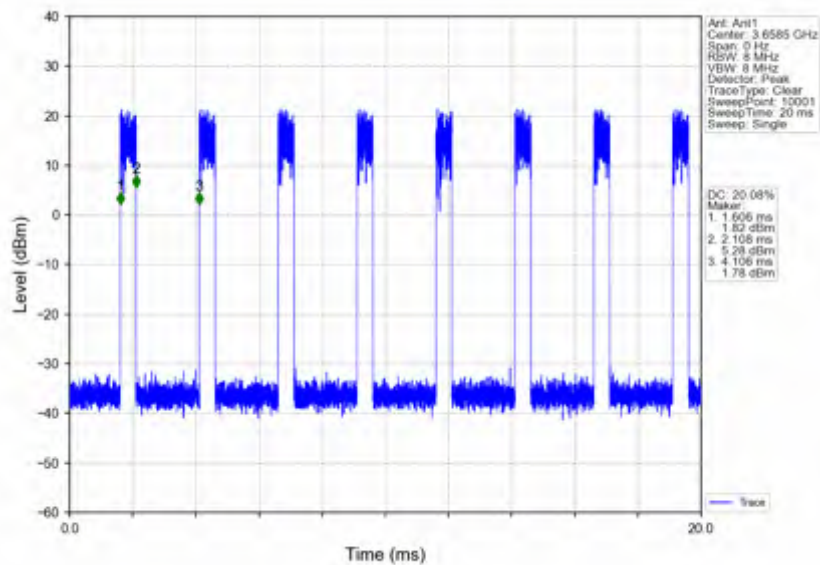
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_64\_QAM\_3624.99MHz\_Inner\_1RB\_Left



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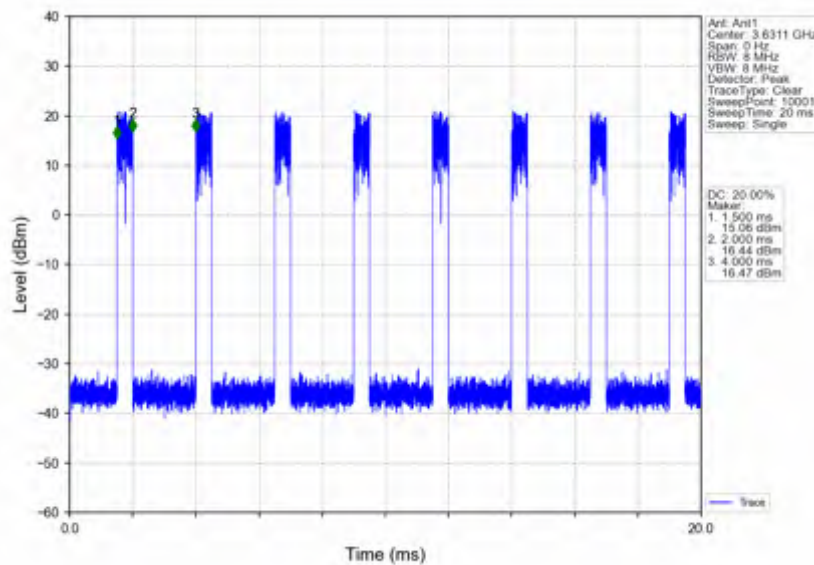


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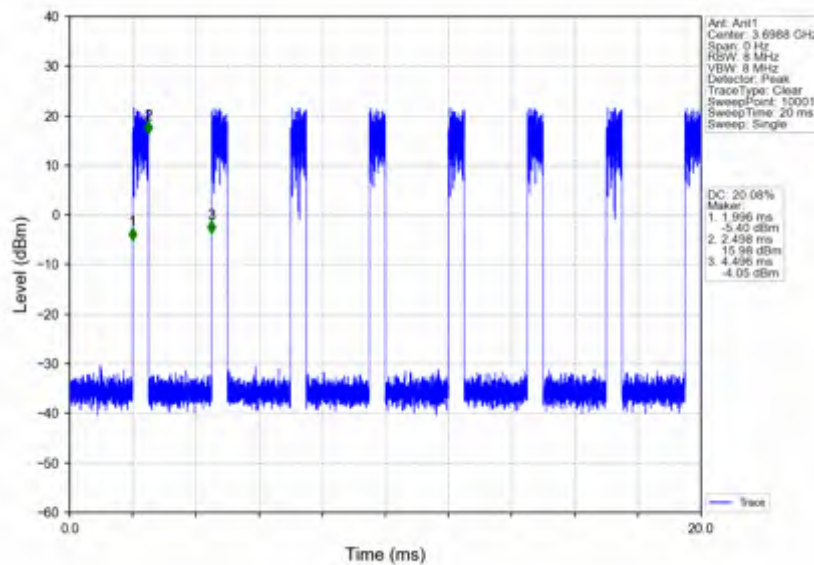
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_64\_QAM\_3664.98MHz\_Edge\_1RB\_Left



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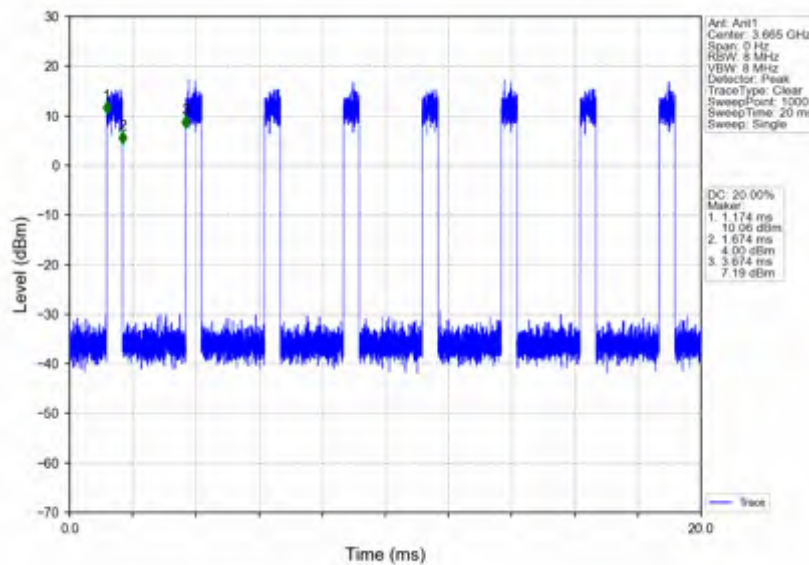


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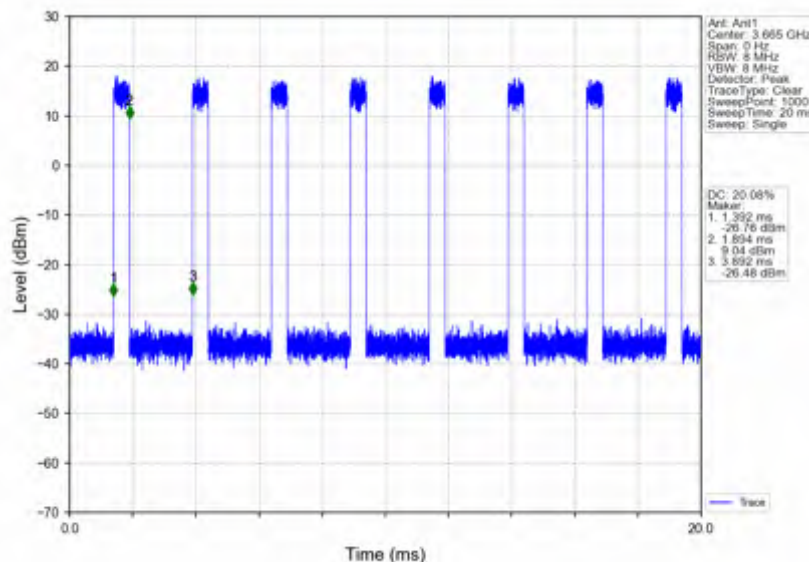
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3664.98MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3664.98MHz\_Inner\_Full



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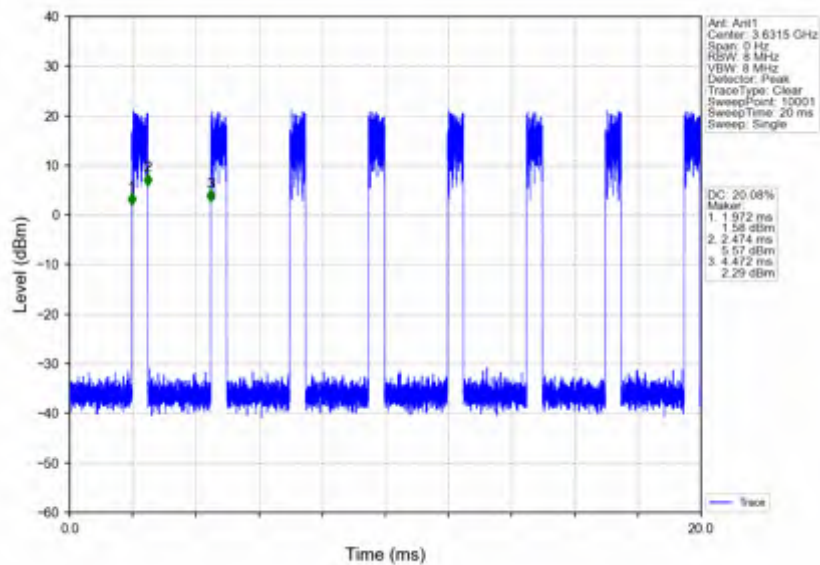
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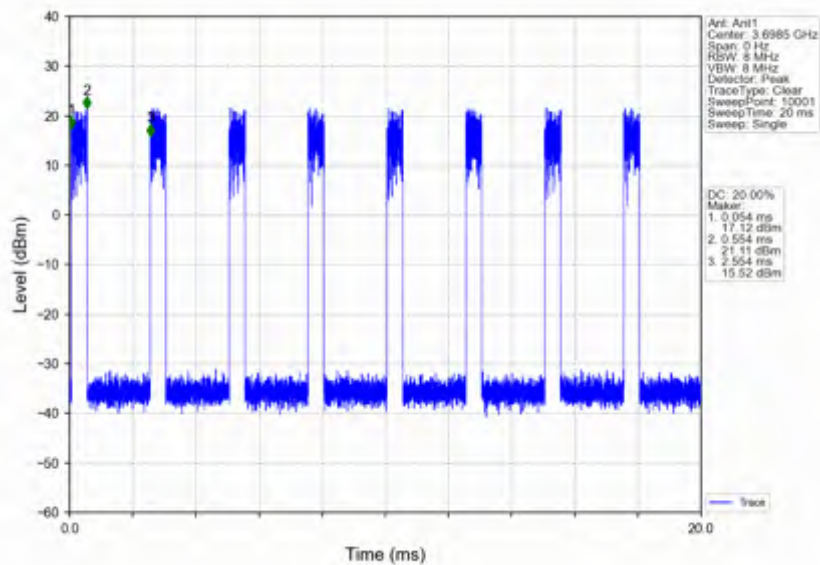
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3664.98MHz\_Inner\_1RB\_Left



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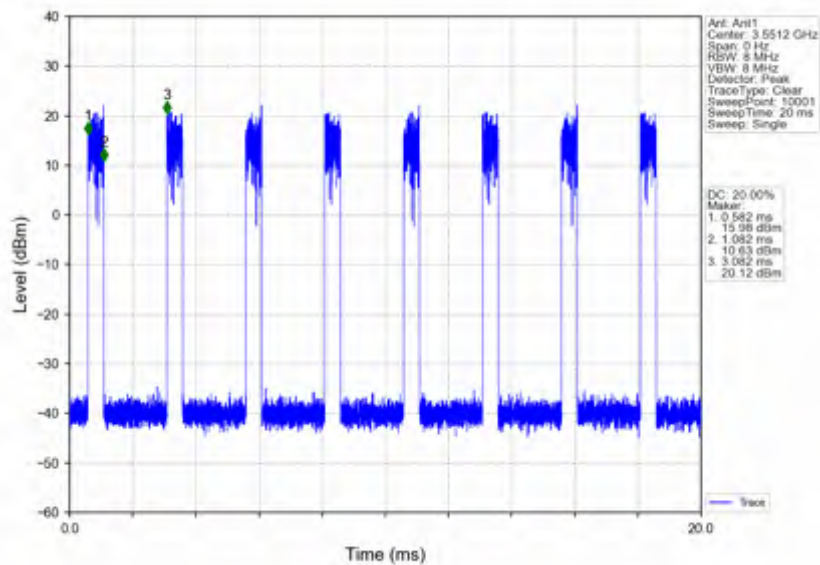
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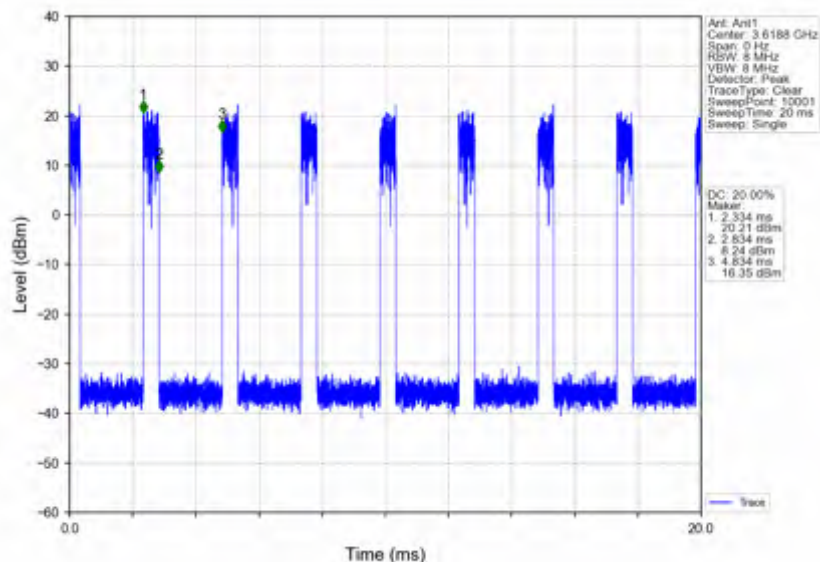
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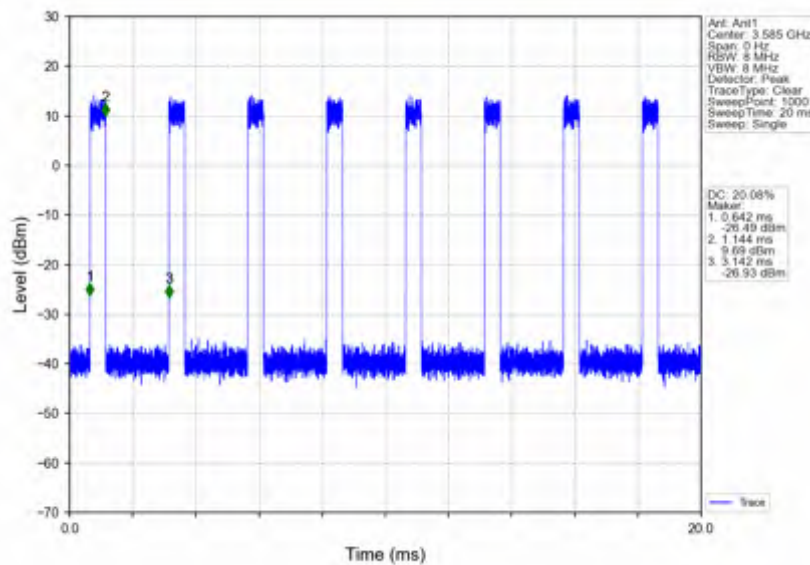


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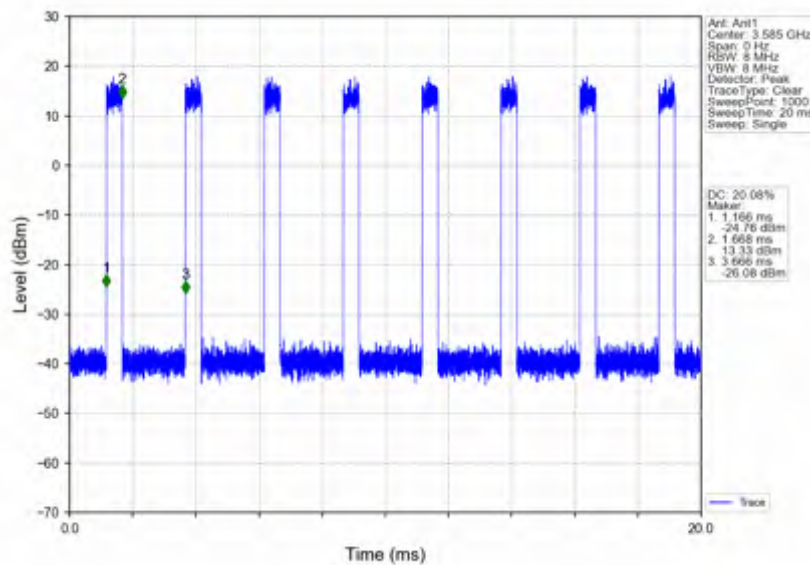
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_256\_QAM\_3585MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_256\_QAM\_3585MHz\_Inner\_Full



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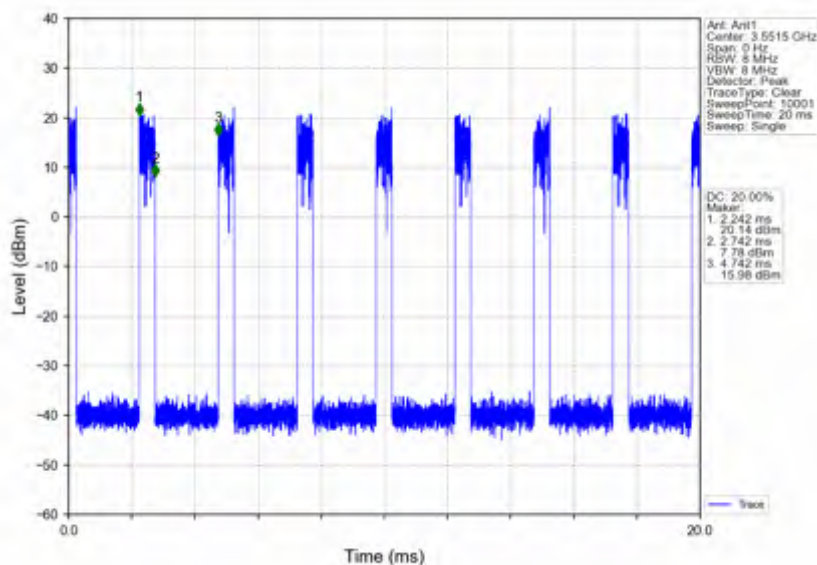
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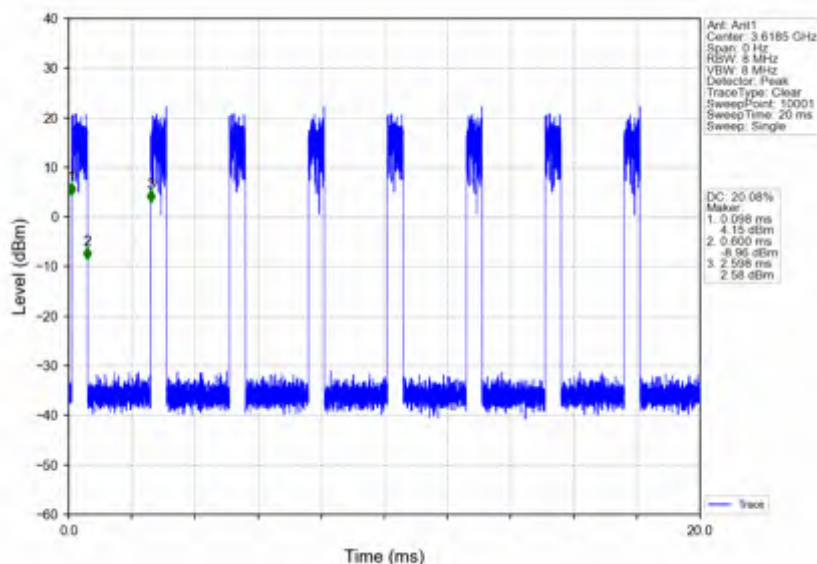
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|      |       |      |      |       |         |         |         |       |     |      |
|------|-------|------|------|-------|---------|---------|---------|-------|-----|------|
| n78d | 30kHz | SISO | NTNV | 70MHz | CP-OFDM | 256 QAM | 3585MHz | Inner | 1RB | Left |
|------|-------|------|------|-------|---------|---------|---------|-------|-----|------|



n78d 30kHz SISO NTV 70MHz CP-OFDM 256 QAM 3585MHz Inner 1RB Right

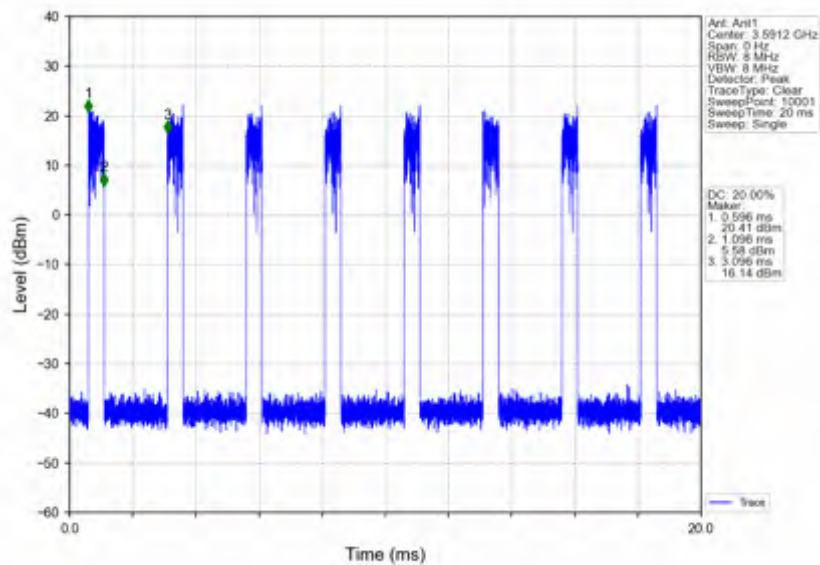


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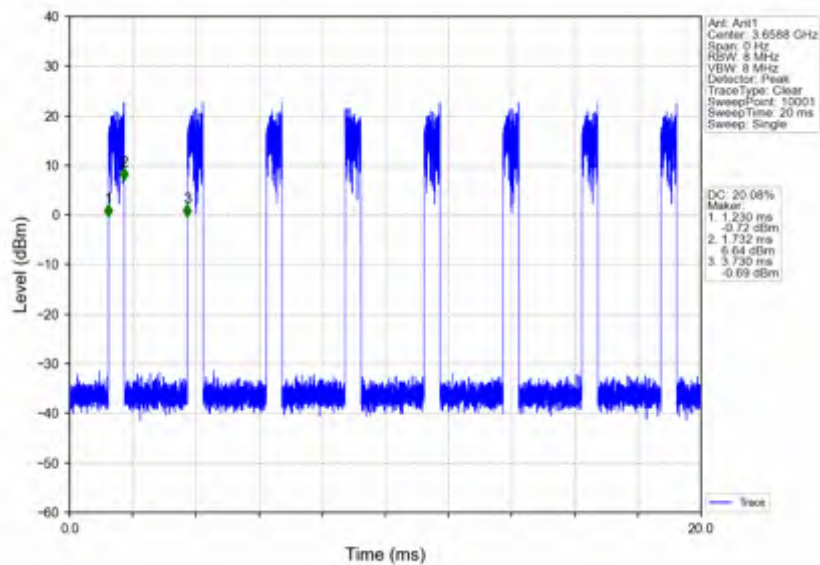
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_256\_QAM\_3624.99MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_256\_QAM\_3624.99MHz\_Edge\_1RB\_Right

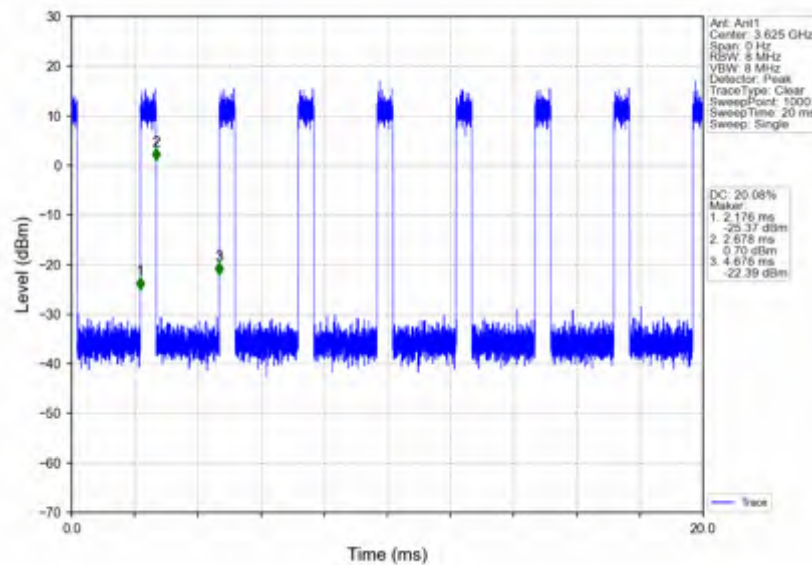


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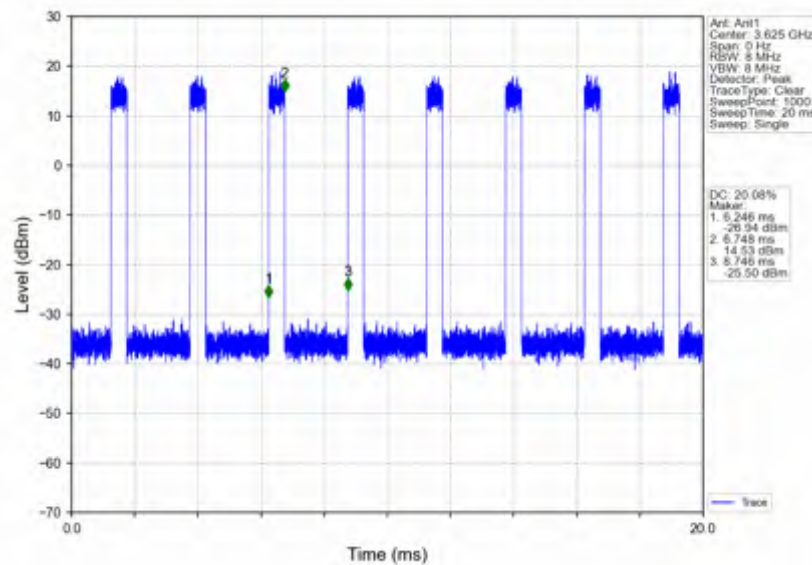
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_256\_QAM\_3624.99MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_256\_QAM\_3624.99MHz\_Inner\_Full



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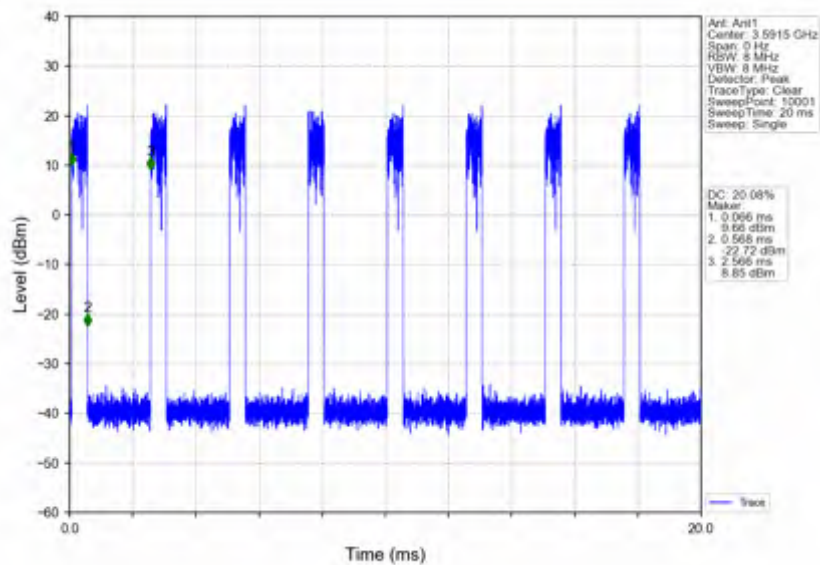
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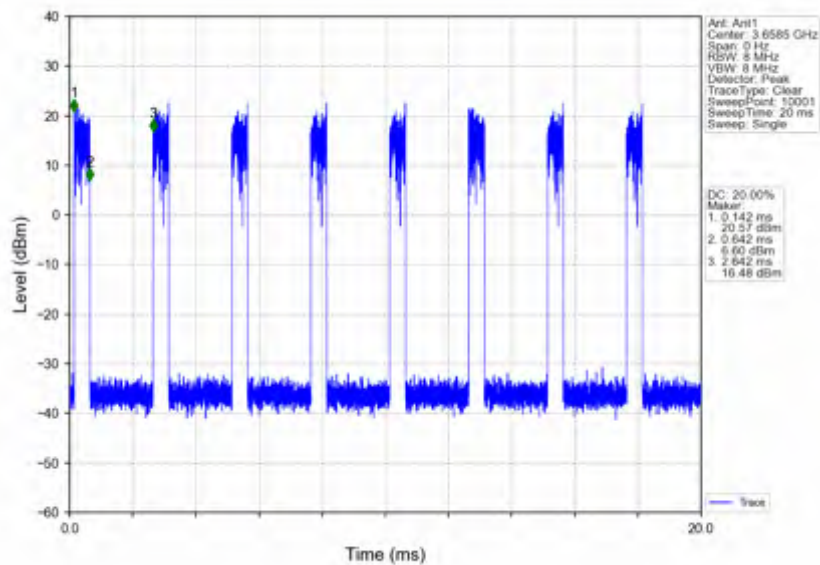
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_256\_QAM\_3624.99MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_256\_QAM\_3624.99MHz\_Inner\_1RB\_Right



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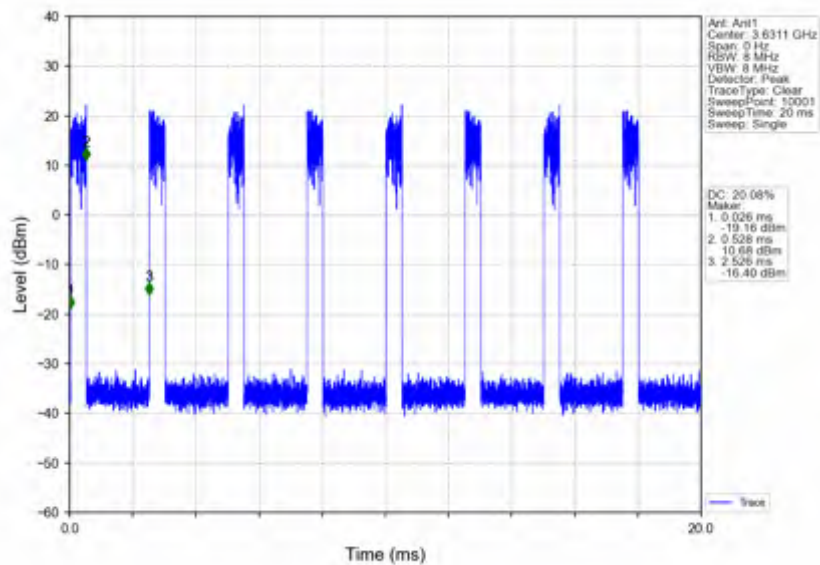
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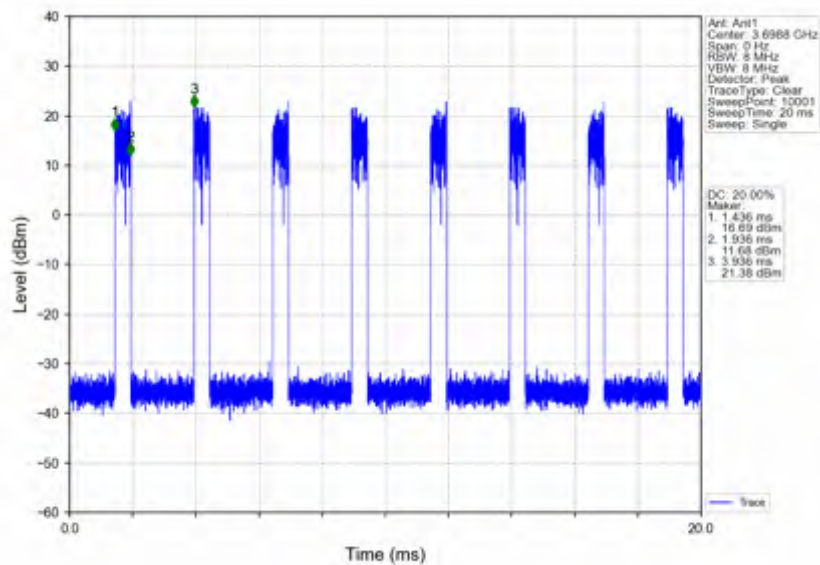
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_256\_QAM\_3664.98MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_256\_QAM\_3664.98MHz\_Edge\_1RB\_Right

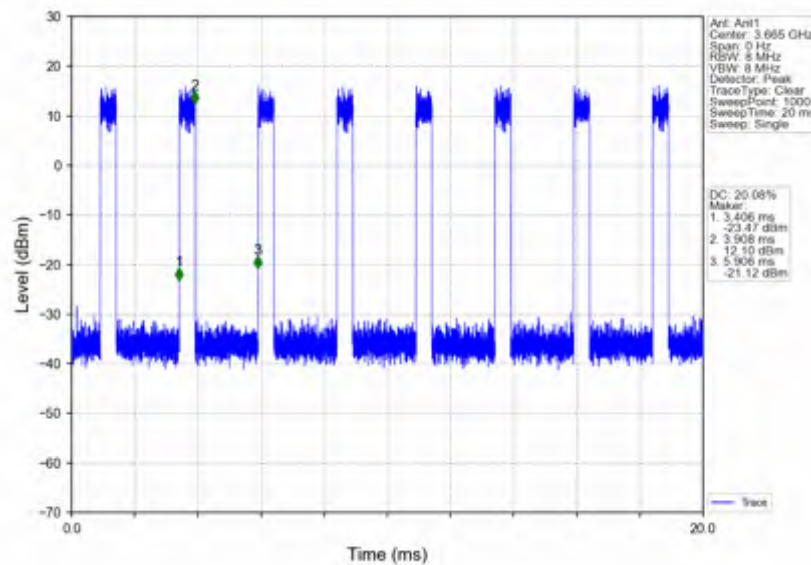


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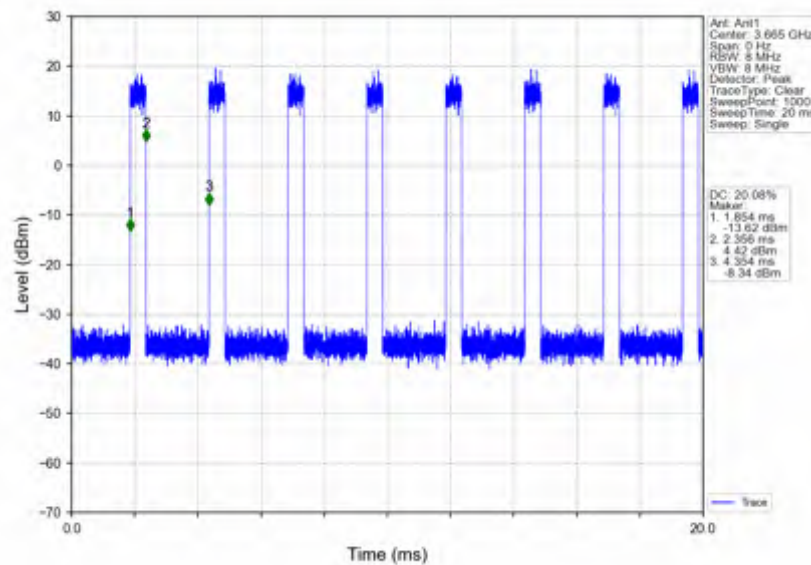
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_256\_QAM\_3664.98MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_256\_QAM\_3664.98MHz\_Inner\_Full

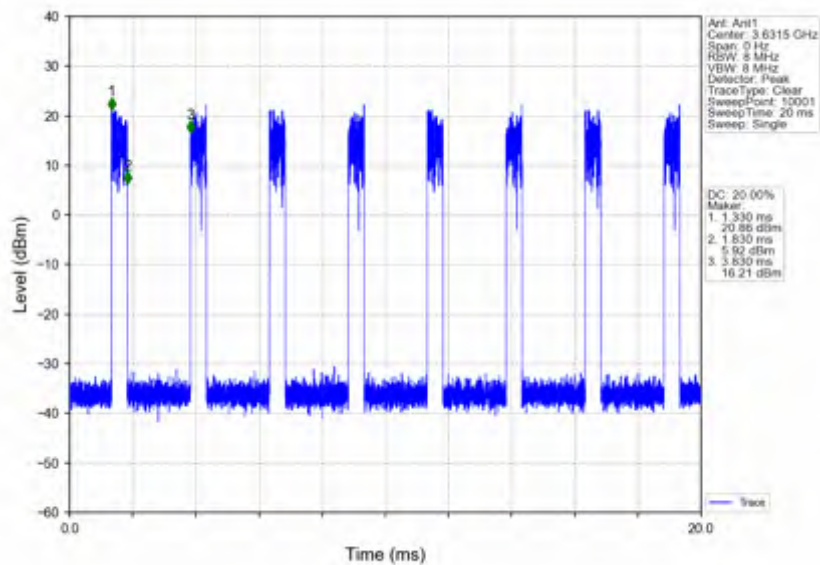


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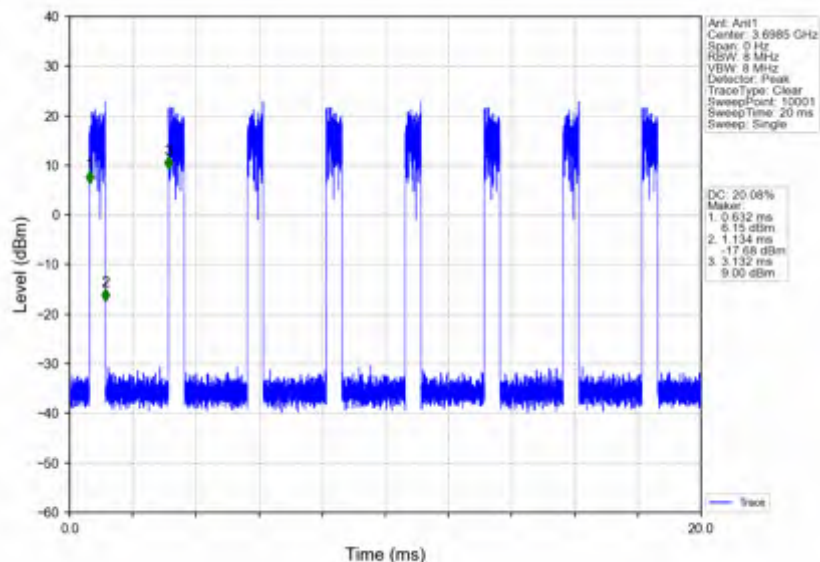
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n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_256\_QAM\_3664.98MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_256\_QAM\_3664.98MHz\_Inner\_1RB\_Right



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## 1.17 30k\_SISO\_80MHz\_NTNV

### 1.17.1 Test Result

| 5G NR n78d SCS=30kHz SISO 80MHz NTNV |                 |                 |           |             |                |                                   |                       |
|--------------------------------------|-----------------|-----------------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Modulation                           | Frequency (MHz) | RB Allocation   | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| DFT-s-OFDM PI/2 BPSK                 | 3590.01         | Edge_1RB_Left   | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Edge_1RB_Right  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Outer_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_1RB_Left  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Inner_1RB_Right | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      | 3624.99         | Edge_1RB_Left   | 0.502     | 2.500       | 20.08          | 6.97                              | 0.08                  |
|                                      |                 | Edge_1RB_Right  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.16                  |
|                                      |                 | Outer_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.08                  |
|                                      |                 | Inner_Full      | 0.504     | 2.500       | 20.16          | 6.96                              | 0.08                  |
|                                      |                 | Inner_1RB_Left  | 0.502     | 2.500       | 20.08          | 6.97                              | 0.08                  |
|                                      |                 | Inner_1RB_Right | 0.502     | 2.500       | 20.08          | 6.97                              | 0.08                  |
|                                      | 3660            | Edge_1RB_Left   | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Edge_1RB_Right  | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Outer_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_1RB_Left  | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_1RB_Right | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
| DFT-s-OFDM QPSK                      | 3590.01         | Edge_1RB_Left   | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Edge_1RB_Right  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Outer_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_1RB_Left  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Inner_1RB_Right | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      | 3624.99         | Edge_1RB_Left   | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Edge_1RB_Right  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Outer_Full      | 0.502     | 2.502       | 20.06          | 6.98                              | 0.02                  |
|                                      |                 | Inner_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_1RB_Left  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Inner_1RB_Right | 0.500     | 2.500       | 20.00          | 6.99                              | 0.06                  |
|                                      | 3660            | Edge_1RB_Left   | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Edge_1RB_Right  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Outer_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.08                  |
|                                      |                 | Inner_1RB_Left  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Inner_1RB_Right | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
| DFT-s-OFDM 16 QAM                    | 3590.01         | Edge_1RB_Left   | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Edge_1RB_Right  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      |                 | Outer_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_Full      | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_1RB_Left  | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Inner_1RB_Right | 0.500     | 2.500       | 20.00          | 6.99                              | 0.00                  |
|                                      | 3624.99         | Edge_1RB_Left   | 0.502     | 2.500       | 20.08          | 6.97                              | 0.00                  |
|                                      |                 | Edge_1RB_Right  | 0.500     | 2.500       | 20.00          | 6.99                              | 0.08                  |



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 0512-51257350000 0512-51257370010 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

|                    |         |                 |       |       |       |      |      |
|--------------------|---------|-----------------|-------|-------|-------|------|------|
|                    |         | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.02 |
|                    |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    | 3660    | Edge_1RB_Left   | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
| DFT-s-OFDM 64 QAM  | 3590.01 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Left  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    | 3624.99 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    | 3660    | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
| DFT-s-OFDM 256 QAM | 3590.01 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.08 |
|                    |         | Inner_1RB_Left  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    | 3624.99 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    | 3660    | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.08 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.08 |
|                    |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
| CP-OFDM QPSK       | 3590.01 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                    | 3624.99 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                    |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |



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|                 |         |                 |       |       |       |      |      |
|-----------------|---------|-----------------|-------|-------|-------|------|------|
|                 |         | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 | 3660    | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.08 |
|                 |         | Edge_1RB_Left   | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
| CP-OFDM 16 QAM  | 3590.01 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_Full      | 0.504 | 2.500 | 20.16 | 6.96 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 | 3624.99 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 | 3660    | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
| CP-OFDM 64 QAM  | 3590.01 | Outer_Full      | 0.502 | 2.498 | 20.10 | 6.97 | 0.06 |
|                 |         | Inner_Full      | 0.504 | 2.500 | 20.16 | 6.96 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 | 3624.99 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.08 |
|                 |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.08 |
|                 | 3660    | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
| CP-OFDM 256 QAM | 3590.01 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.08 |
|                 |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Edge_1RB_Left   | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 | 3624.99 | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|                 |         | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|                 |         | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |



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0085-51257370000 0085-51257370000 sgs.china@sgs.com

|  |      |                 |       |       |       |      |      |
|--|------|-----------------|-------|-------|-------|------|------|
|  |      | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|  |      | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|  |      | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|  |      | Inner_1RB_Right | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|  | 3660 | Edge_1RB_Left   | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|  |      | Edge_1RB_Right  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|  |      | Outer_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|  |      | Inner_Full      | 0.502 | 2.500 | 20.08 | 6.97 | 0.00 |
|  |      | Inner_1RB_Left  | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |
|  |      | Inner_1RB_Right | 0.500 | 2.500 | 20.00 | 6.99 | 0.00 |



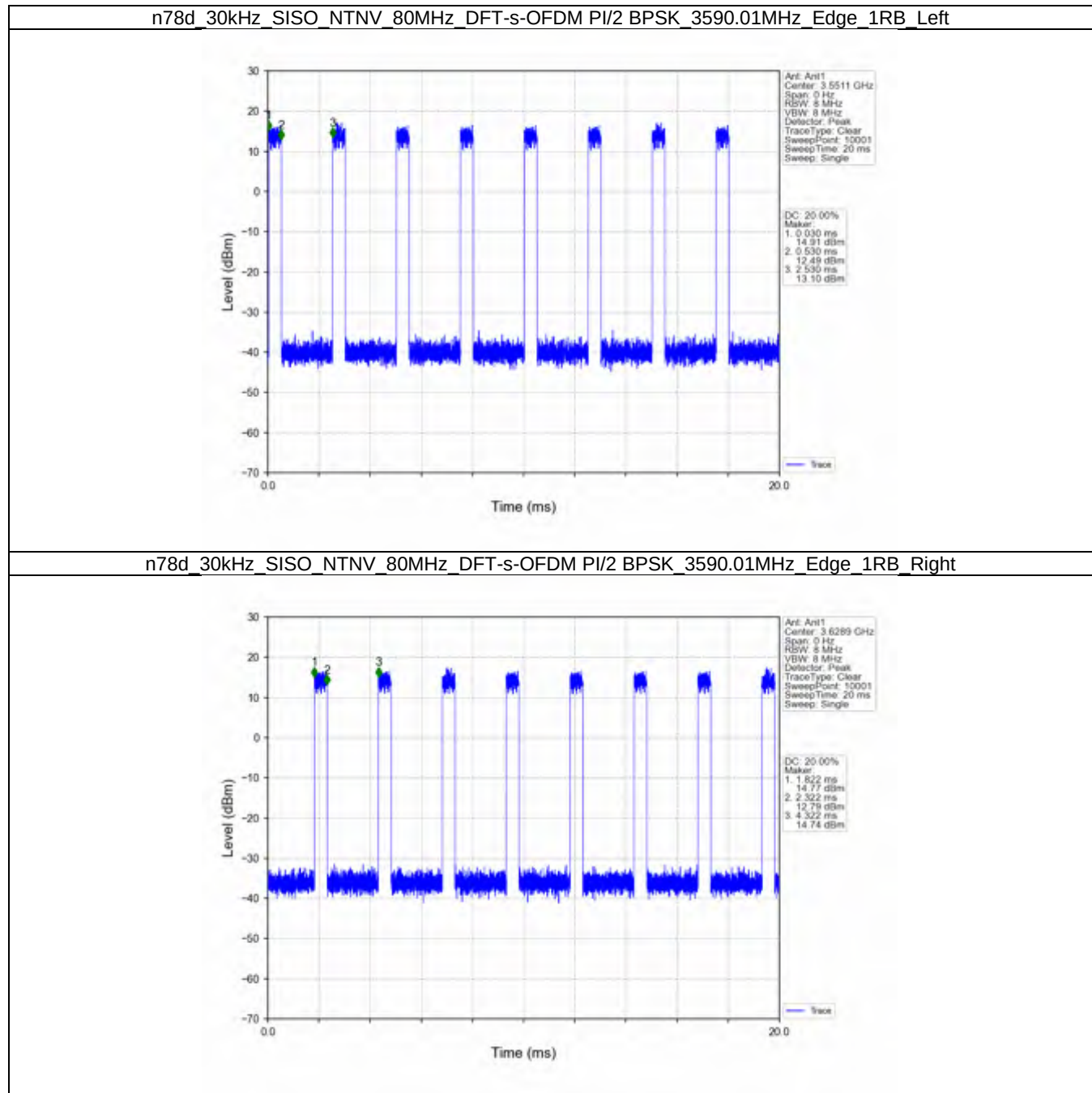
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(86-512) 57350888 (86-512) 57370919 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

### 1.17.2 Test Graph

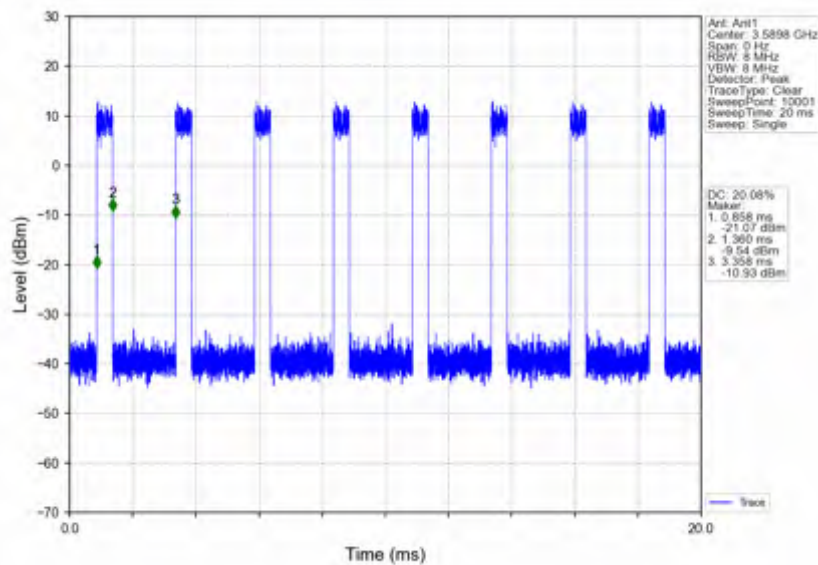


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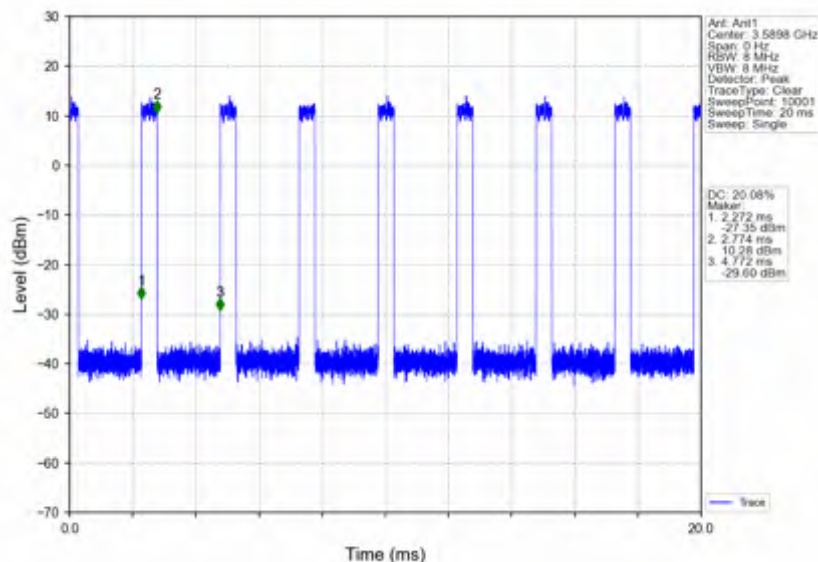
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM PI/2 BPSK\_3590.01MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM PI/2 BPSK\_3590.01MHz\_Inner\_Full



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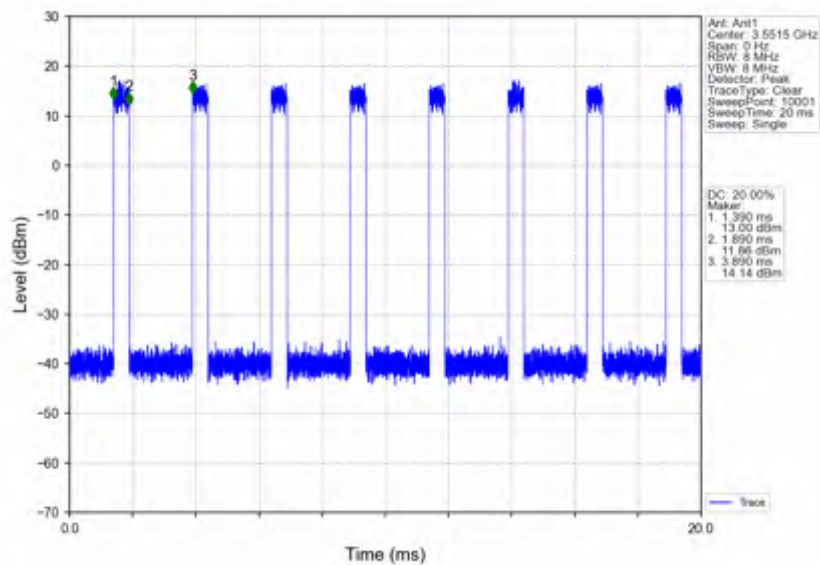
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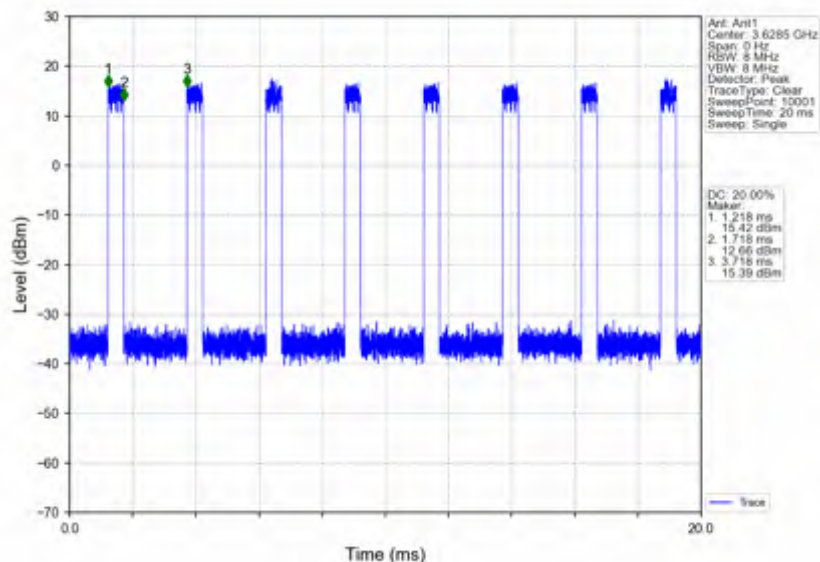
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0512-57350888 0512-57370910 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3590.01MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3590.01MHz\_Inner\_1RB\_Right

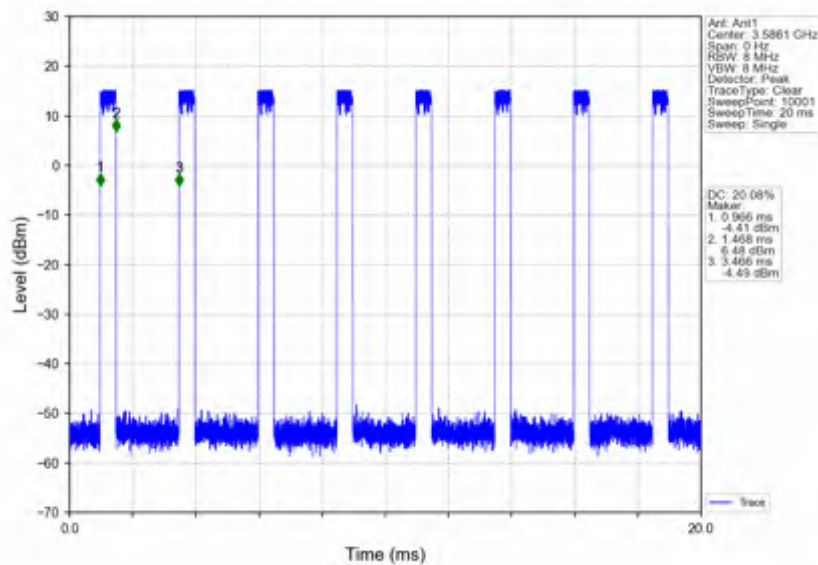


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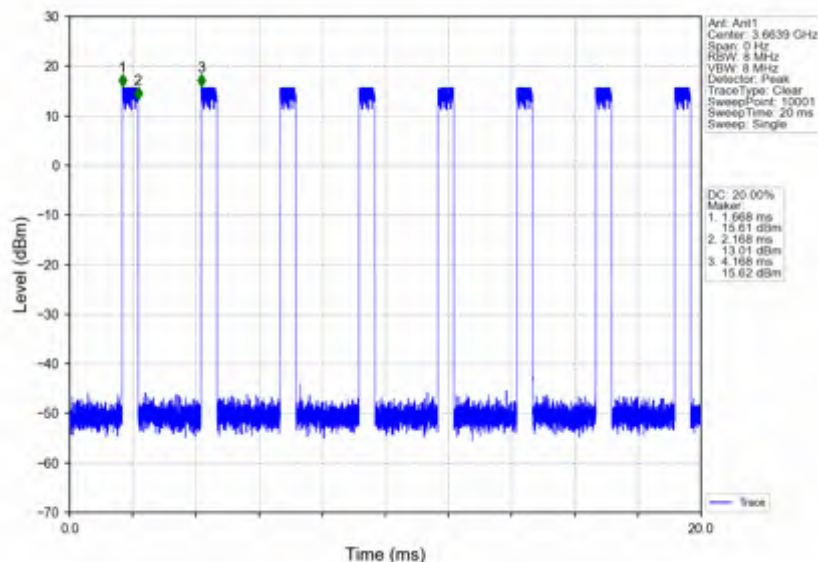
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Edge\_1RB\_Right



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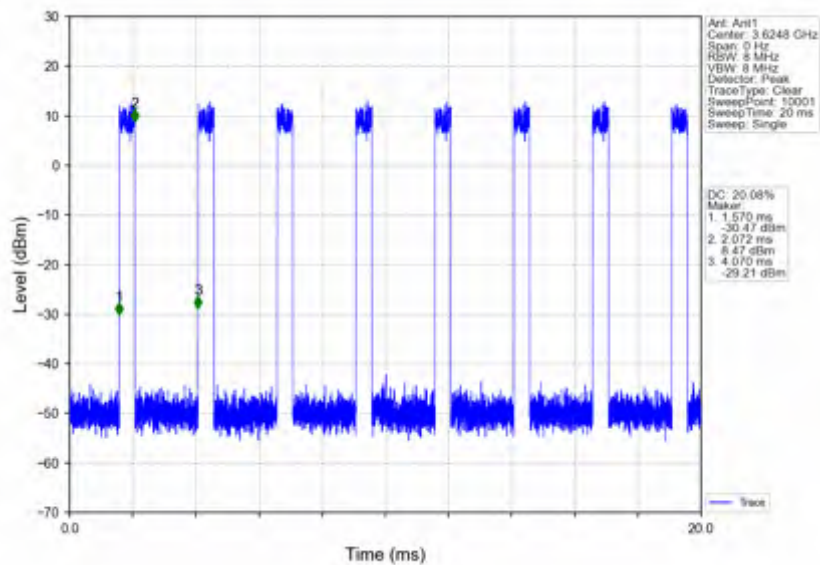
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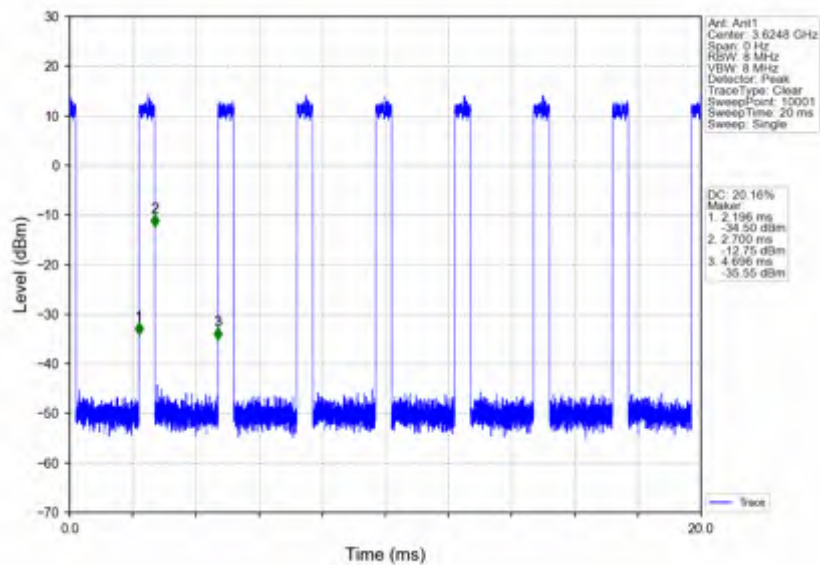
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|                                                                       |
|-----------------------------------------------------------------------|
| n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_PI/2_BPSK_3624.99MHz_Outer_Full |
|-----------------------------------------------------------------------|



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3624.99MHz\_Inner\_Full

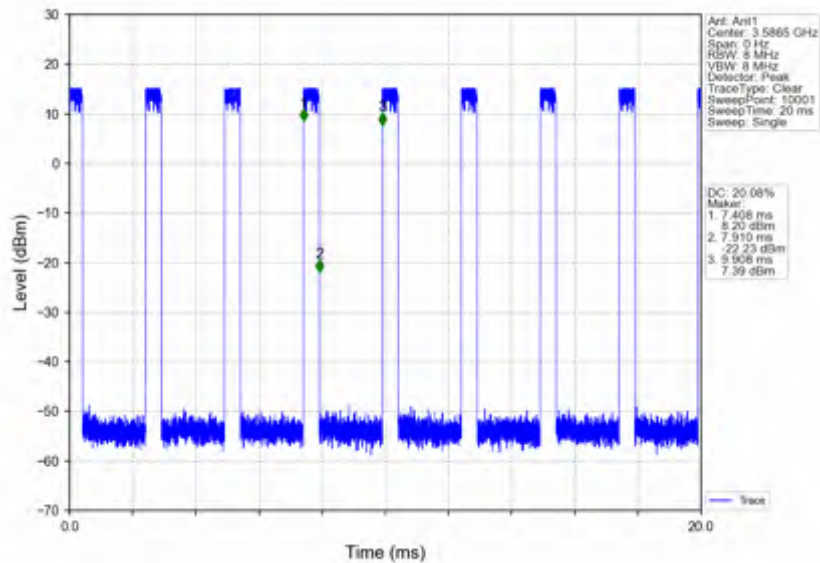


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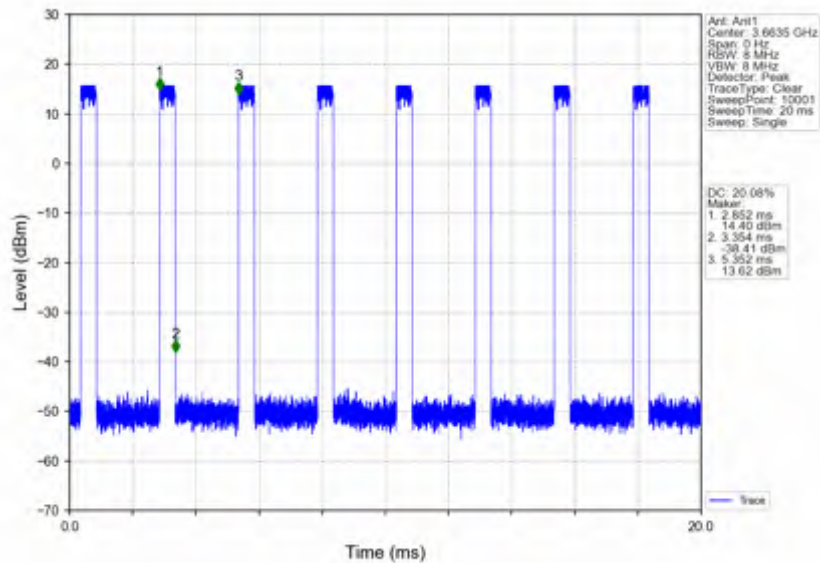
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Inner\_1RB\_Right



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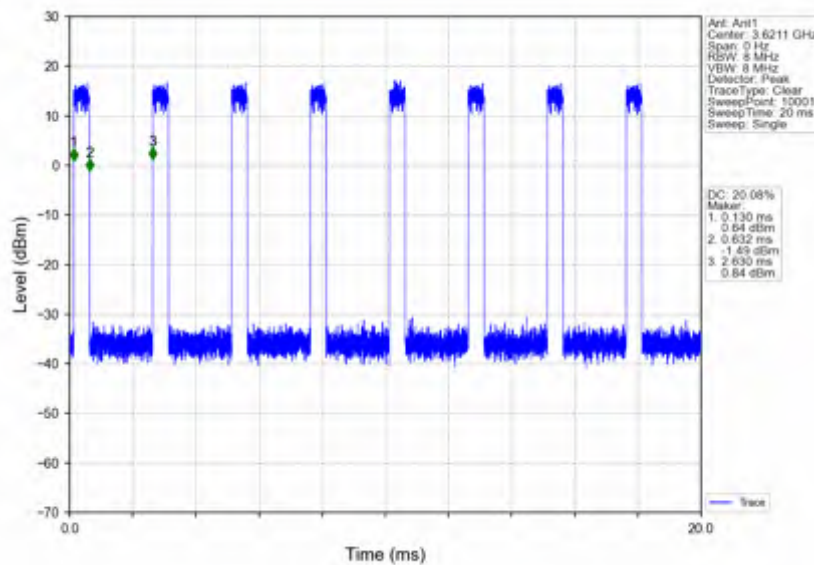
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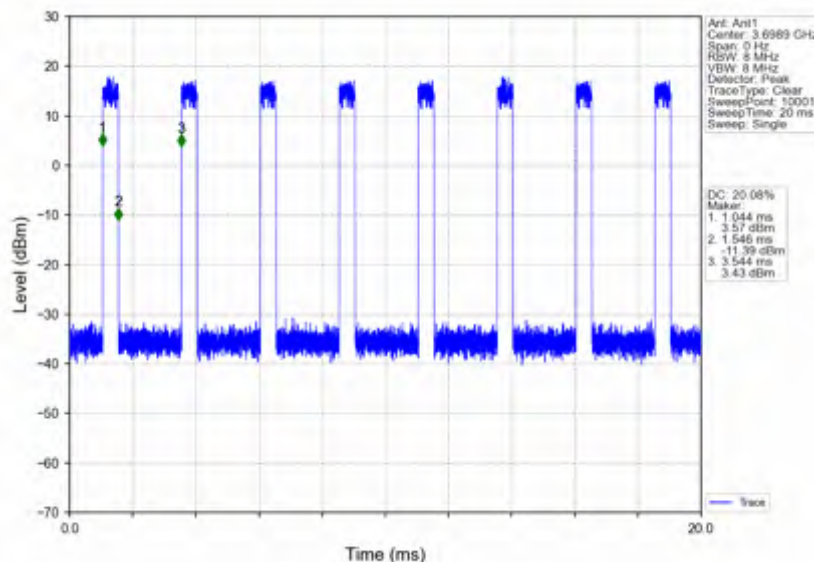
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM PI/2 BPSK\_3660MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM PI/2 BPSK\_3660MHz\_Edge\_1RB\_Right



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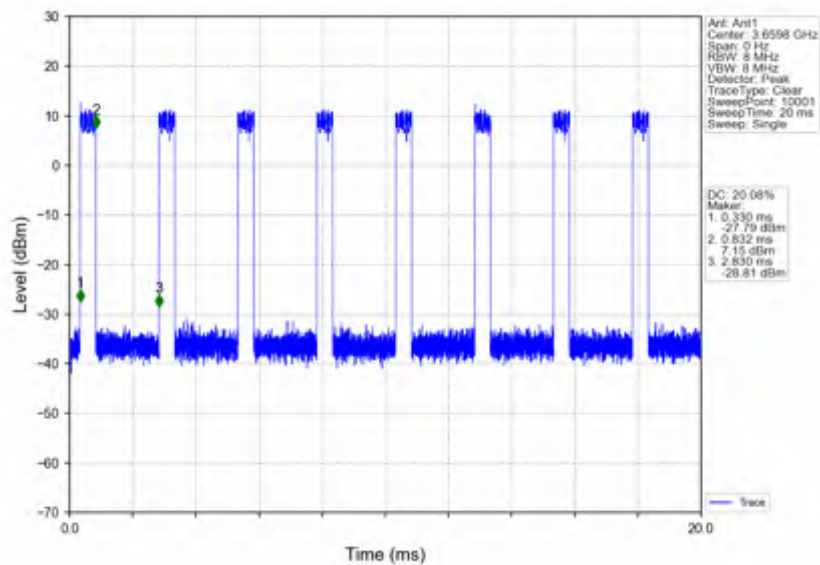
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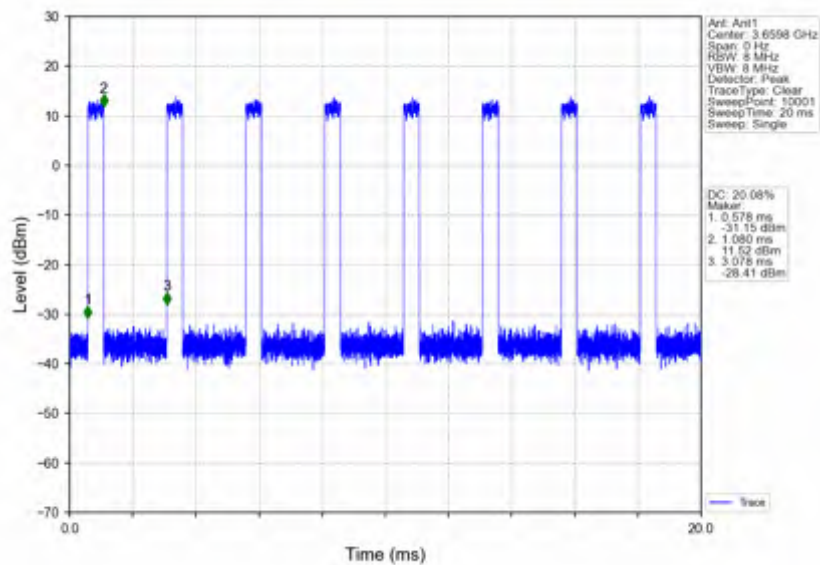
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3660MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3660MHz\_Inner\_Full

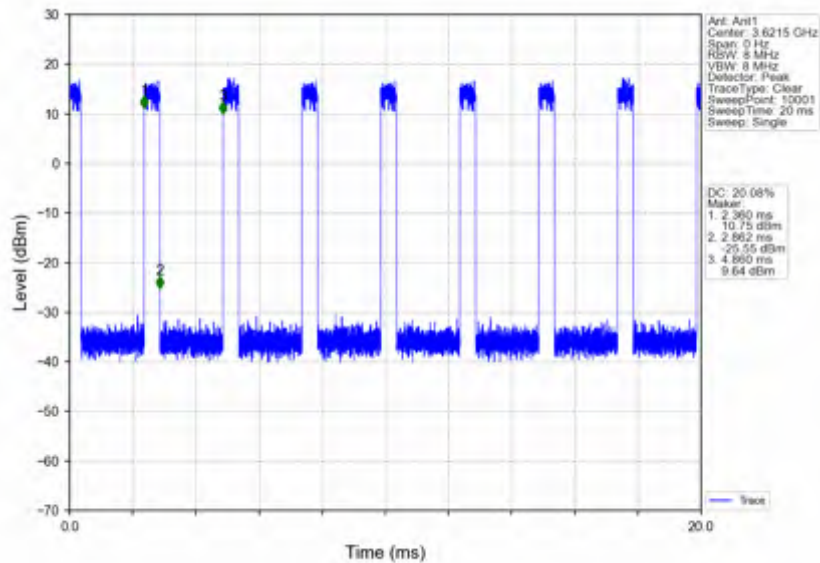


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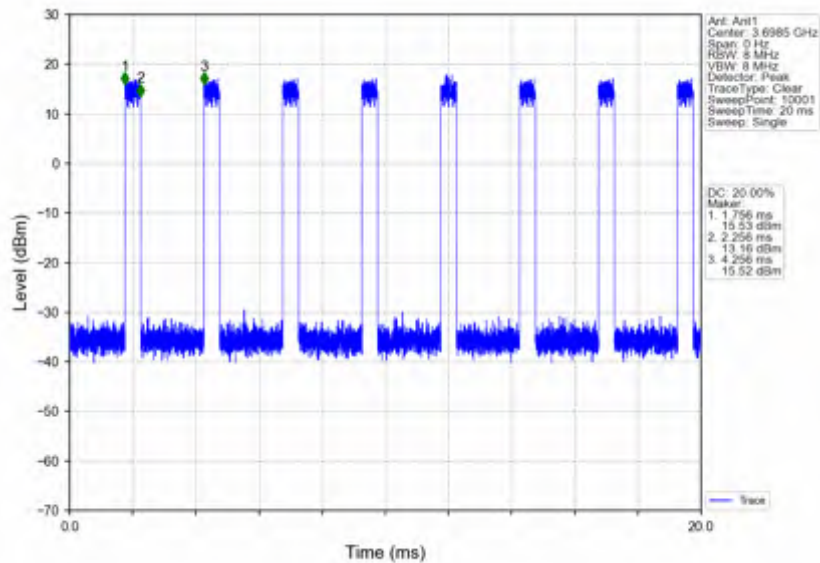
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM PI/2 BPSK\_3660MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM PI/2 BPSK\_3660MHz\_Inner\_1RB\_Right



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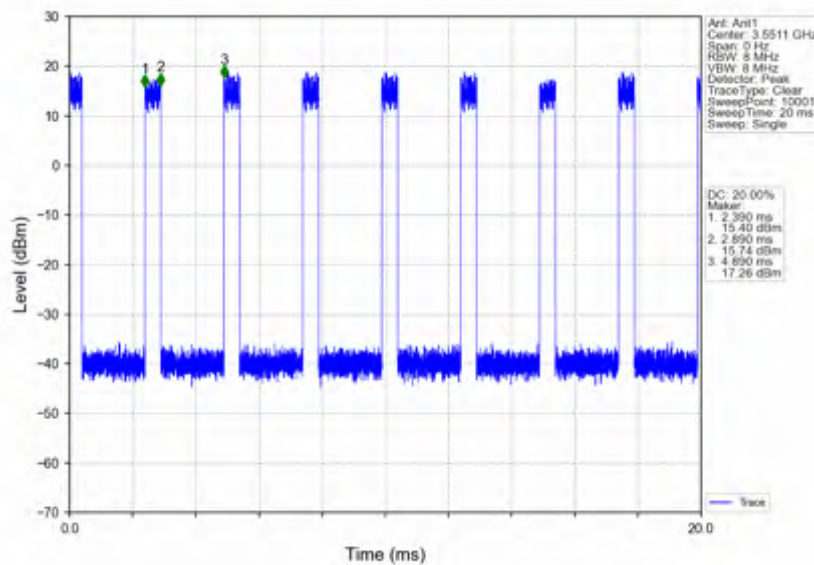
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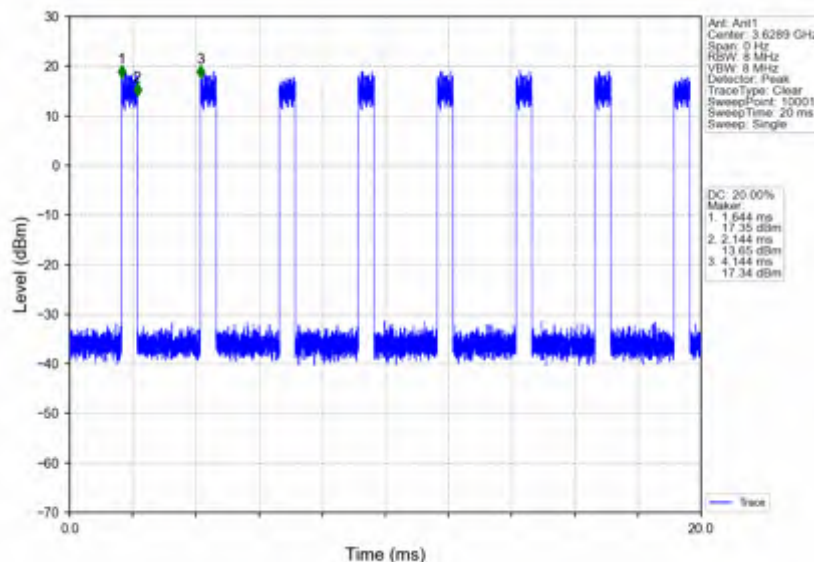
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3590.01MHz\_Edge\_1RB\_Left



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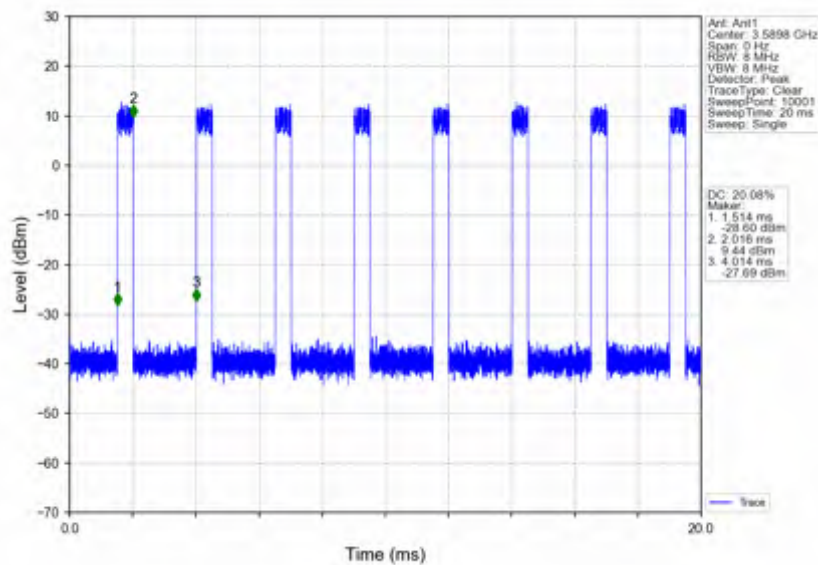


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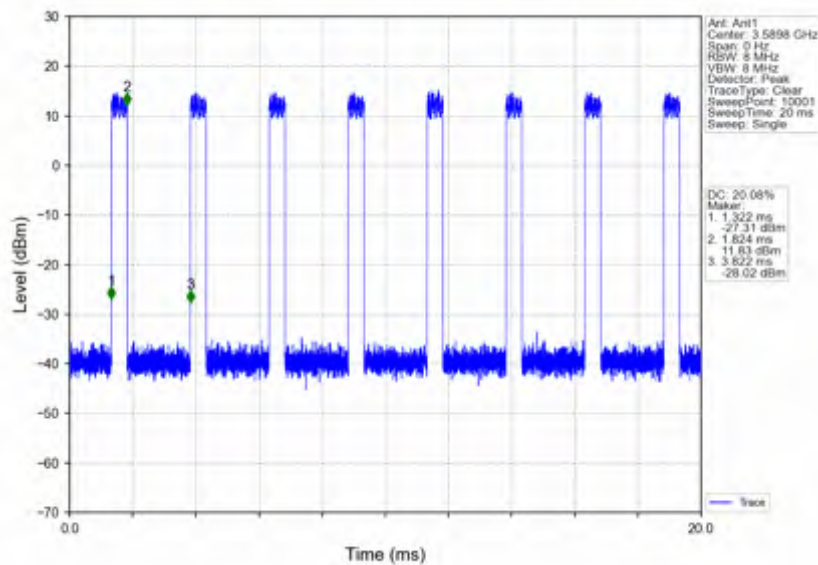
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3590.01MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3590.01MHz\_Inner\_Full



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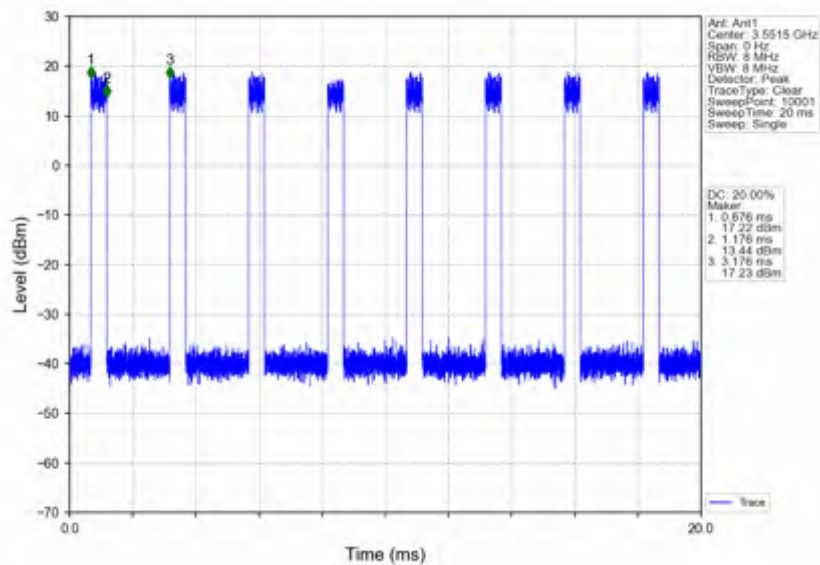
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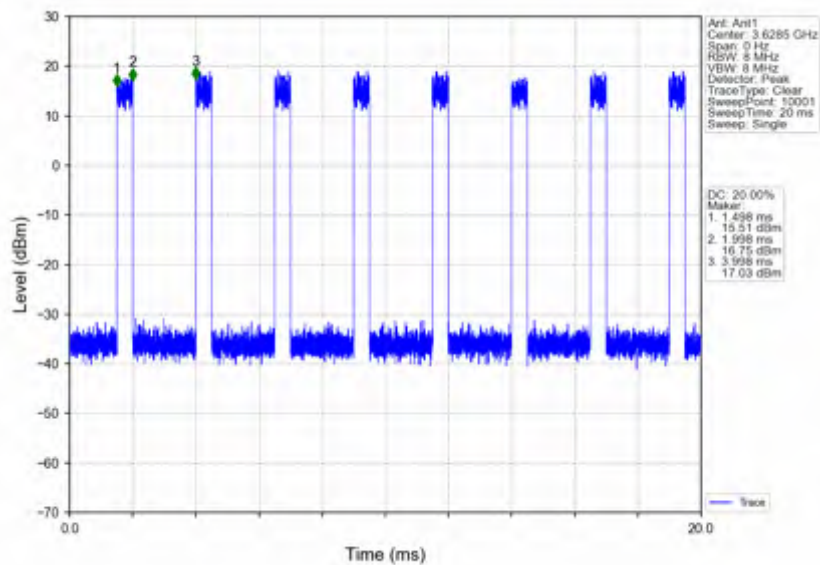
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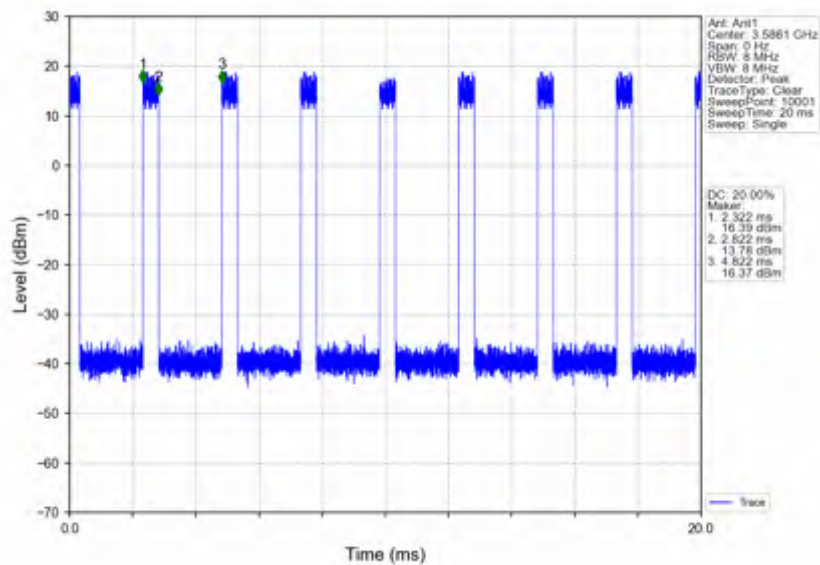


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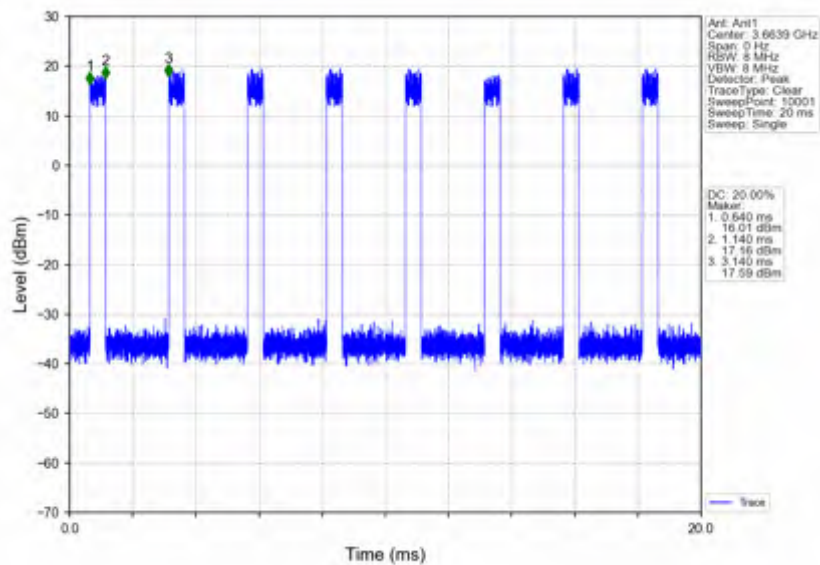
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3624.99MHz\_Edge\_1RB\_Left



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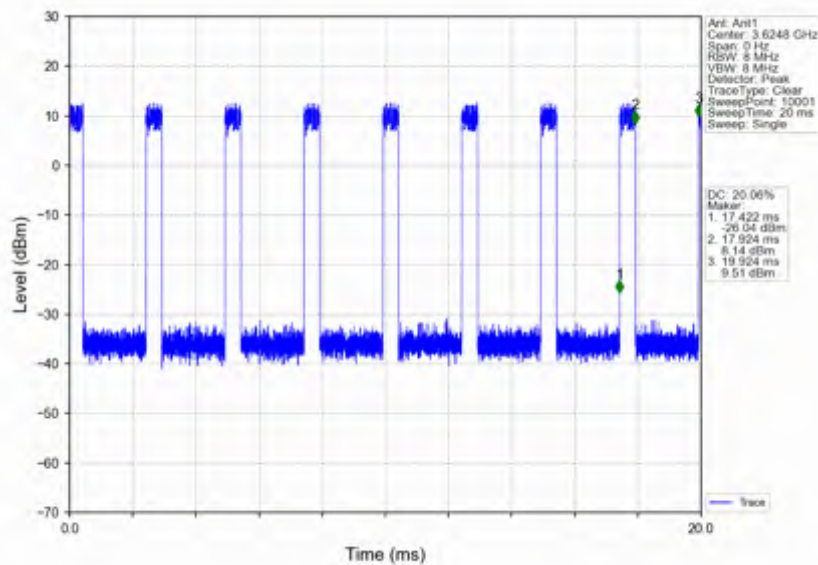
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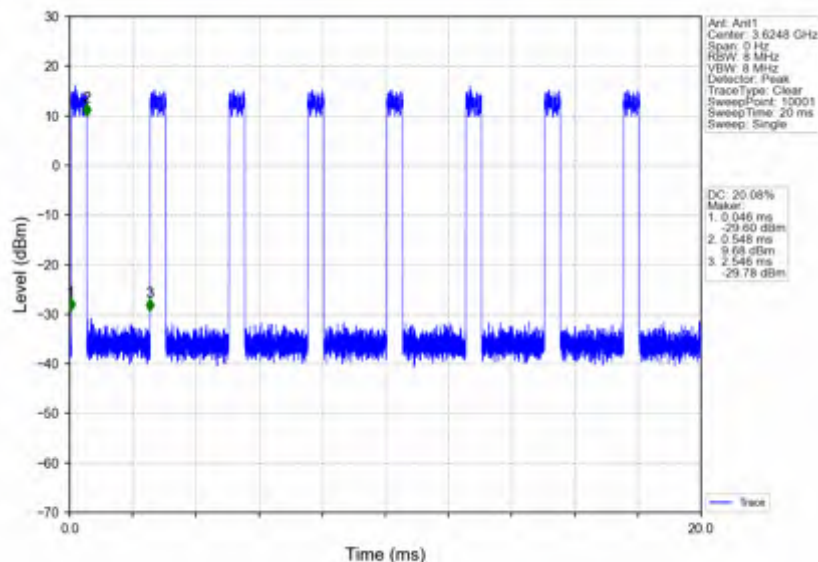
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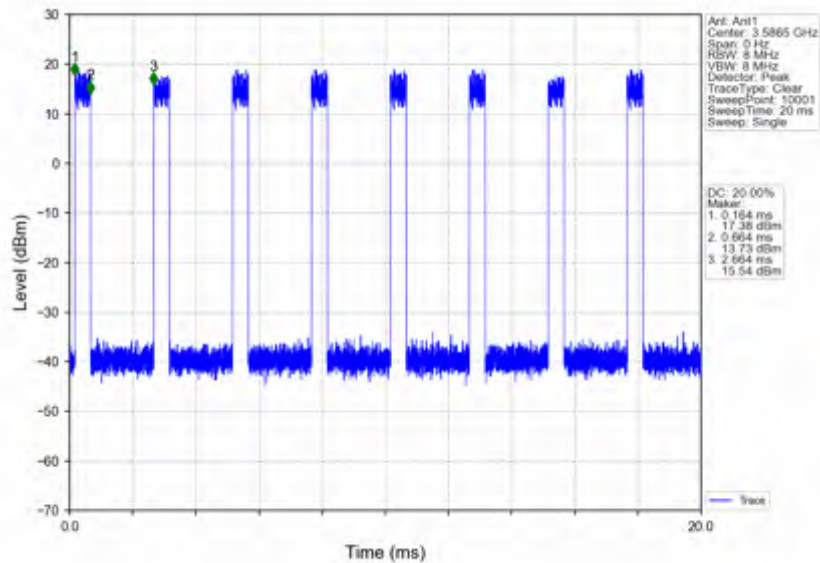
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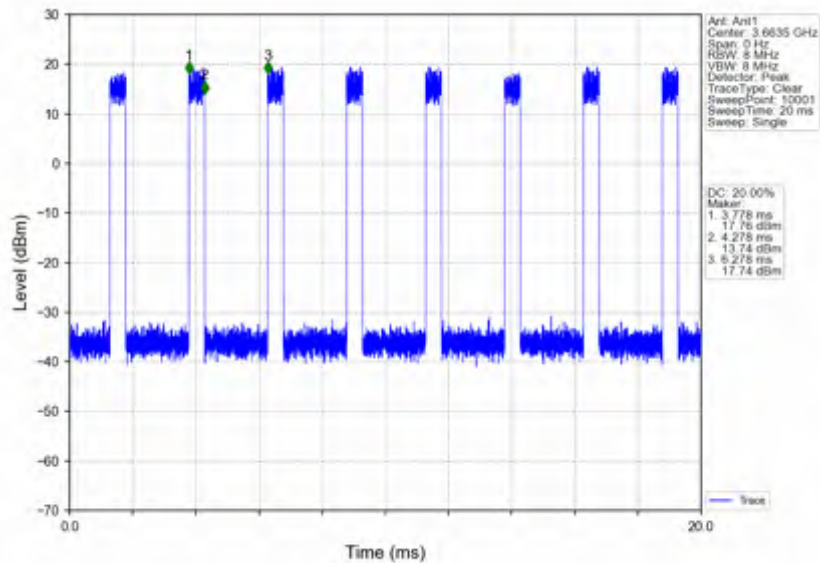
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3624.99MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3624.99MHz\_Inner\_1RB\_Right



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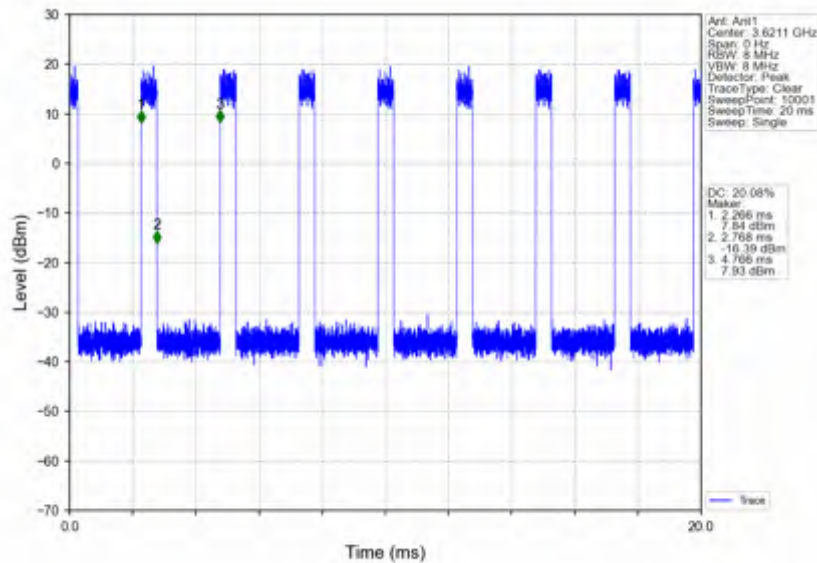
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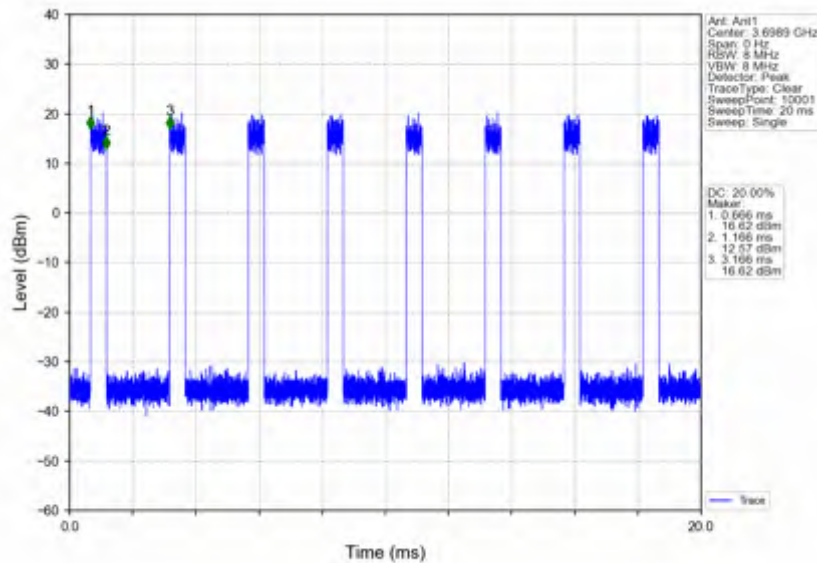
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM QPSK\_3660MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM QPSK\_3660MHz\_Edge\_1RB\_Right



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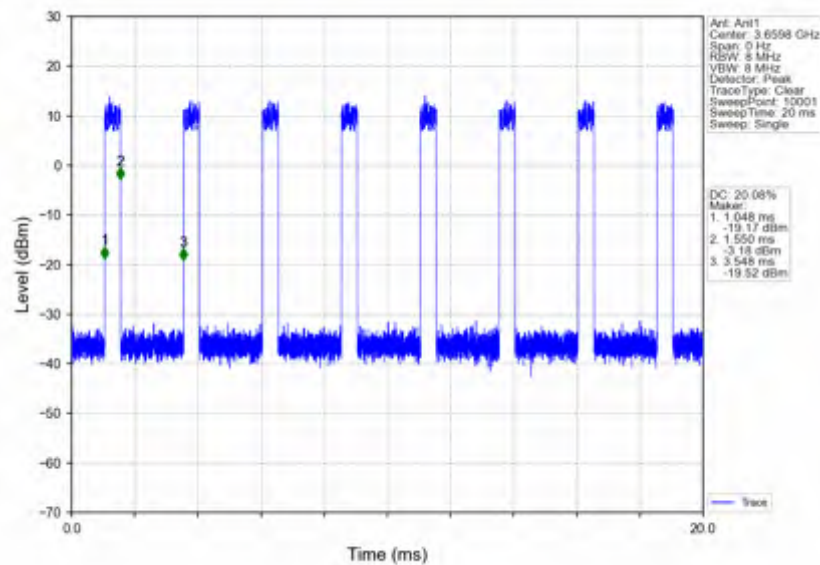
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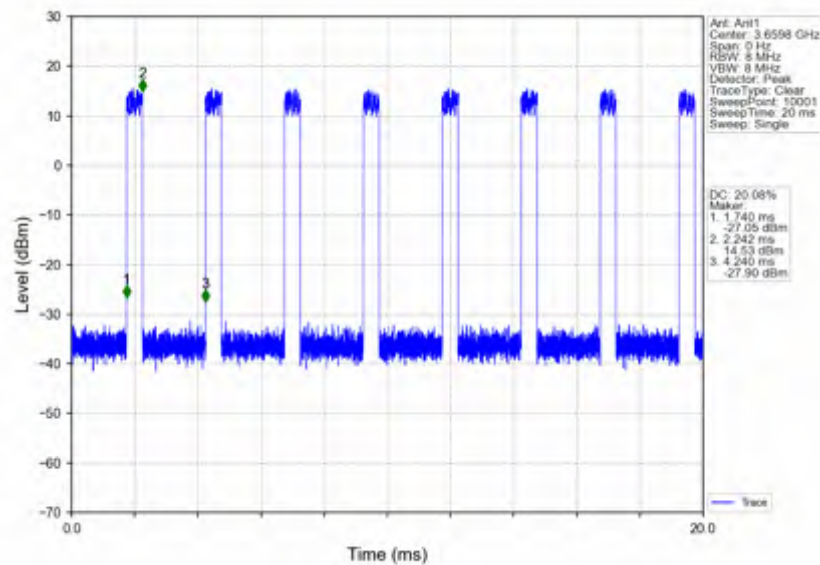
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3660MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3660MHz\_Inner\_Full



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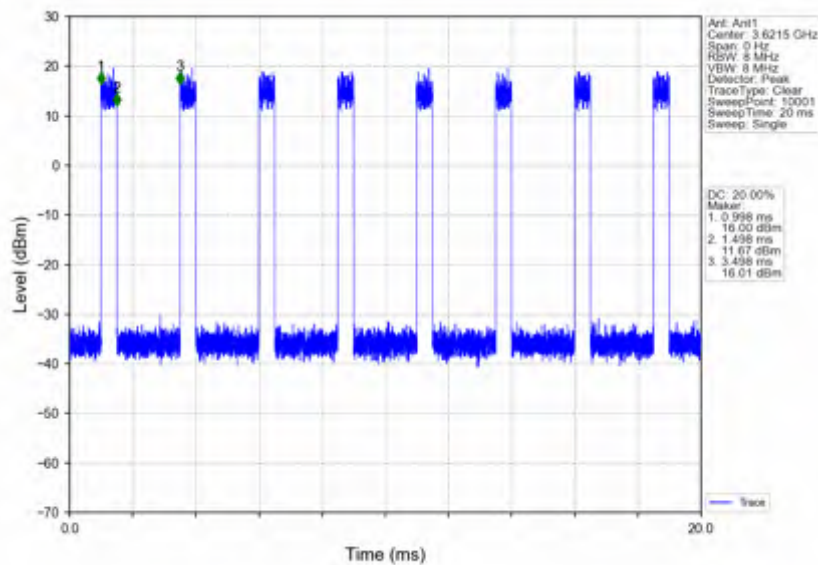
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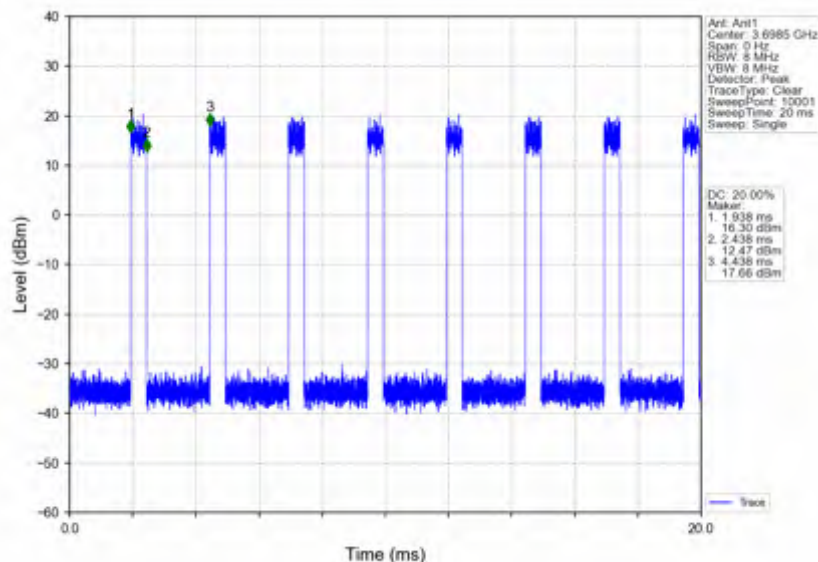
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM QPSK\_3660MHz\_Inner\_1RB\_Left



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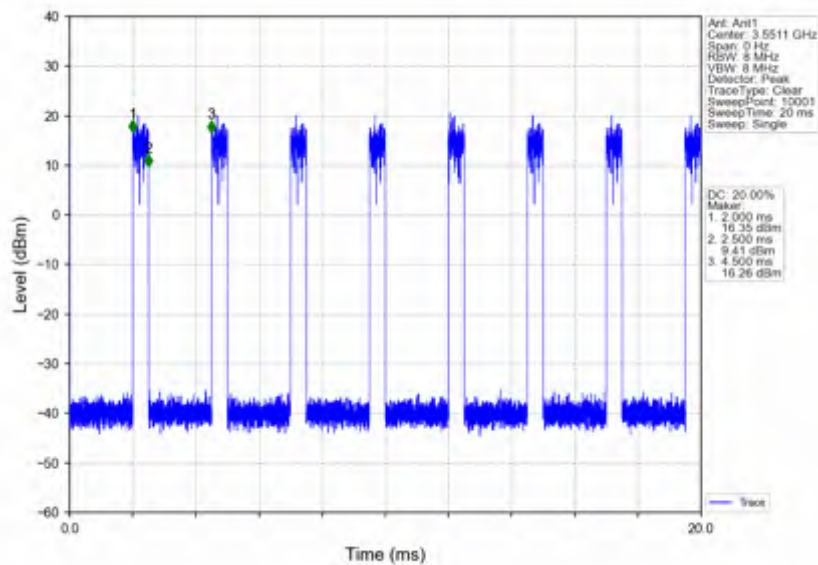


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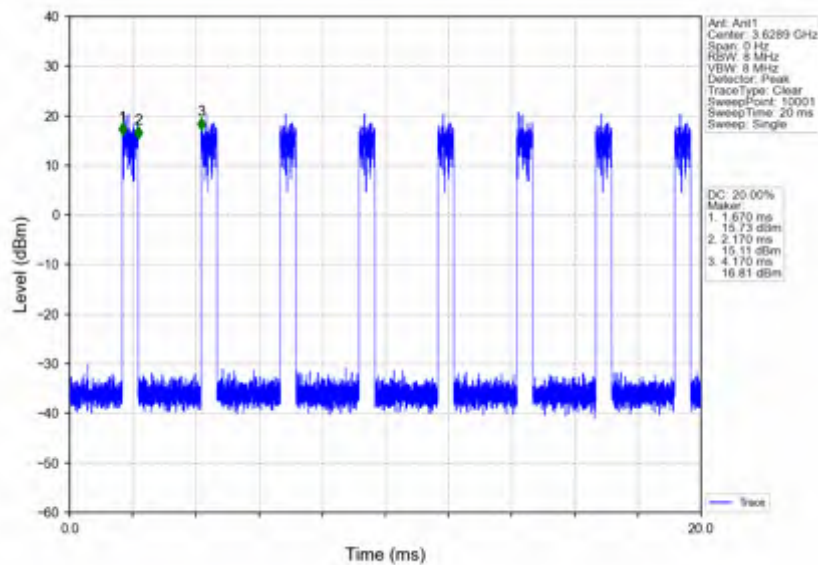
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_16\_QAM\_3590.01MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_16\_QAM\_3590.01MHz\_Edge\_1RB\_Right



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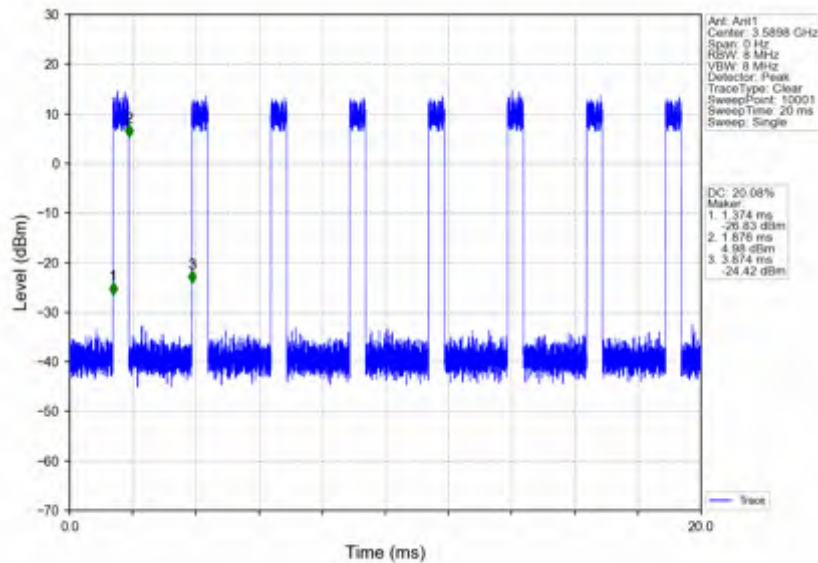
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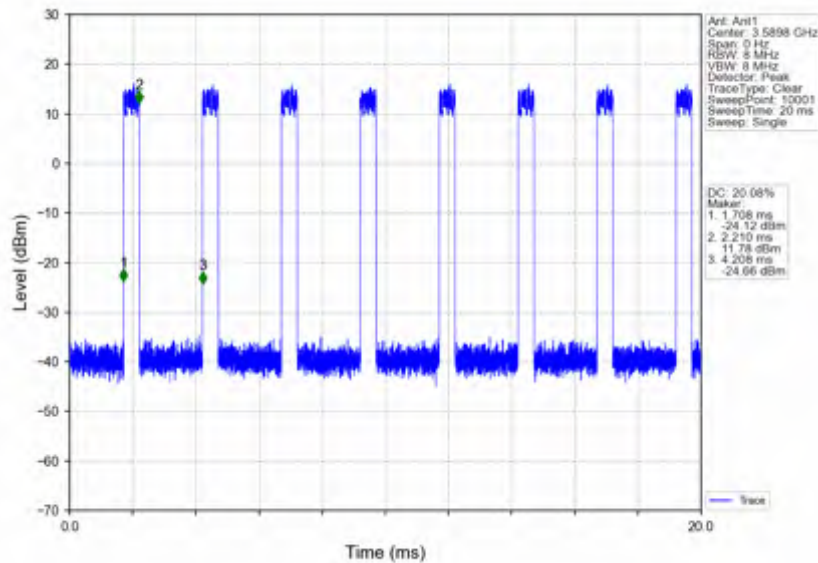
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_16\_QAM\_3590.01MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_16\_QAM\_3590.01MHz\_Inner\_Full



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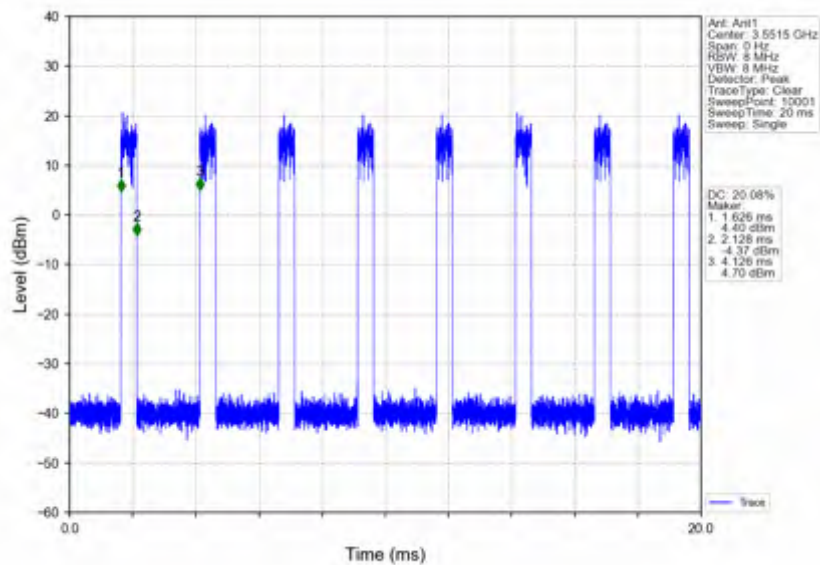
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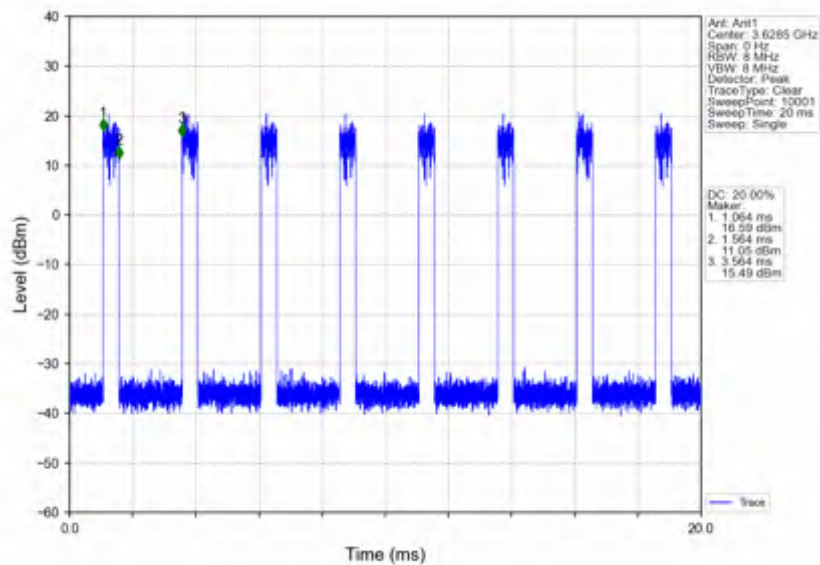
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_16\_QAM\_3590.01MHz\_Inner\_1RB\_Left



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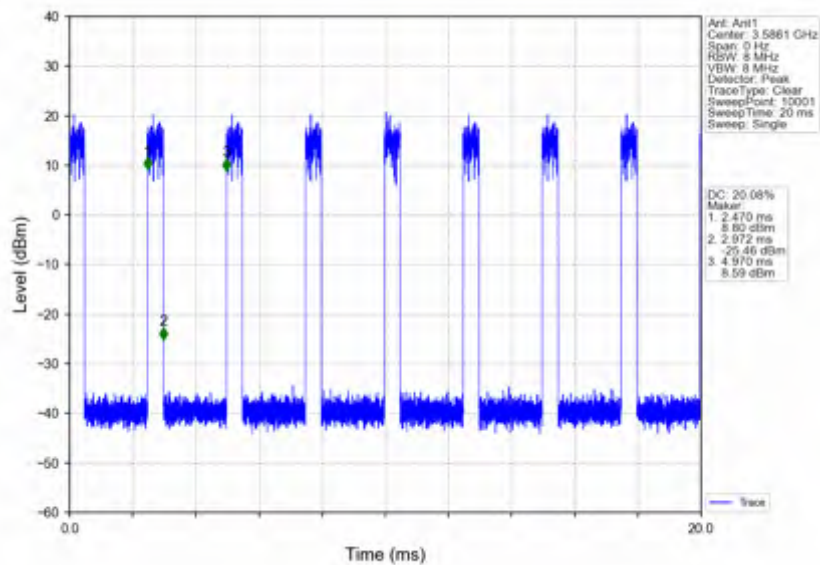
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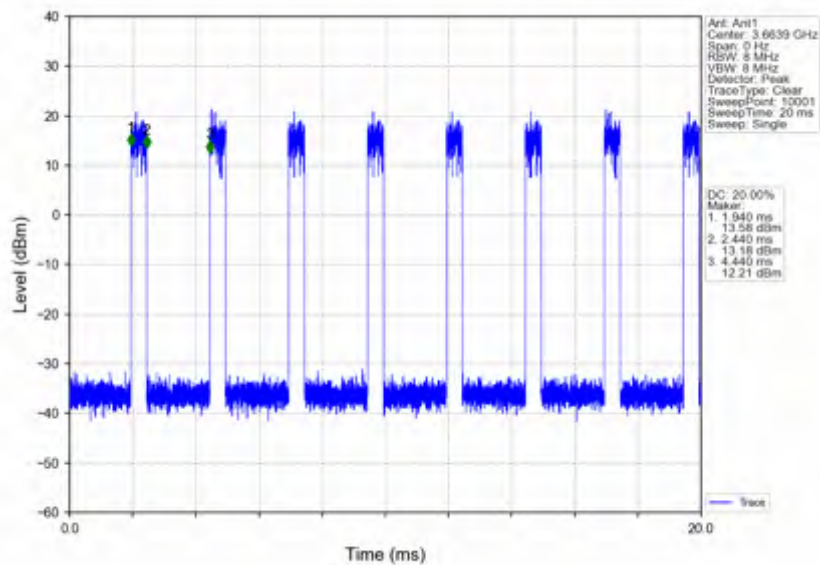
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_16\_QAM\_3624.99MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_16\_QAM\_3624.99MHz\_Edge\_1RB\_Right



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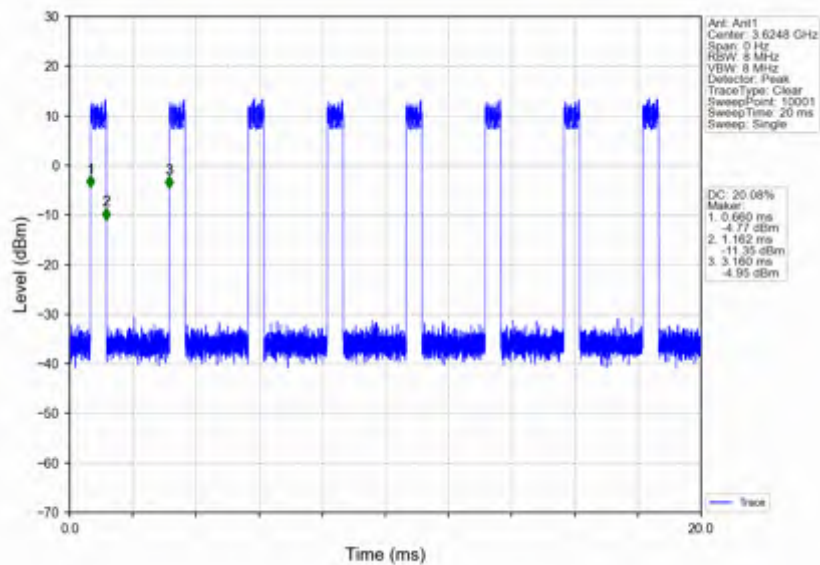
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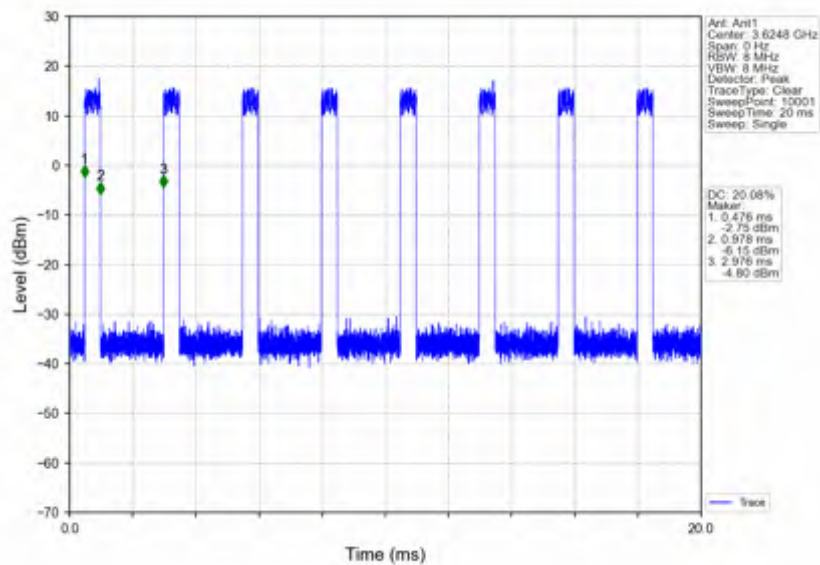
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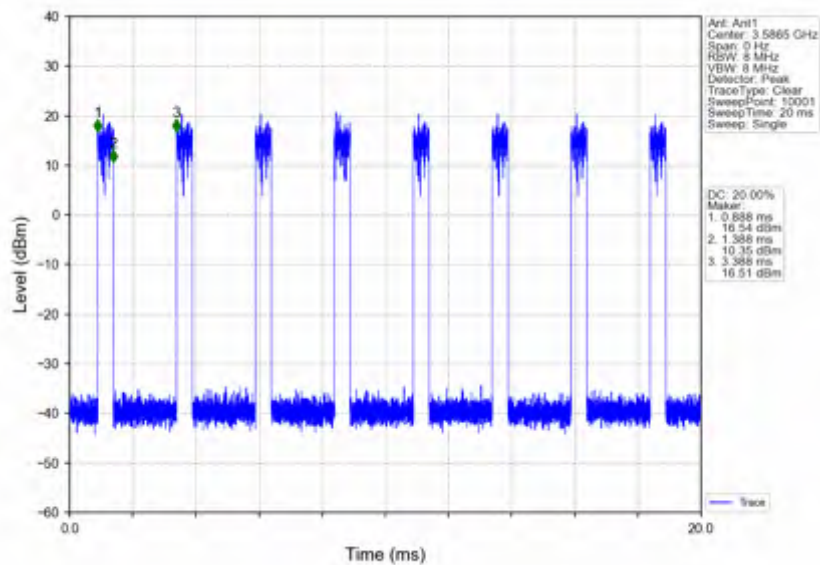
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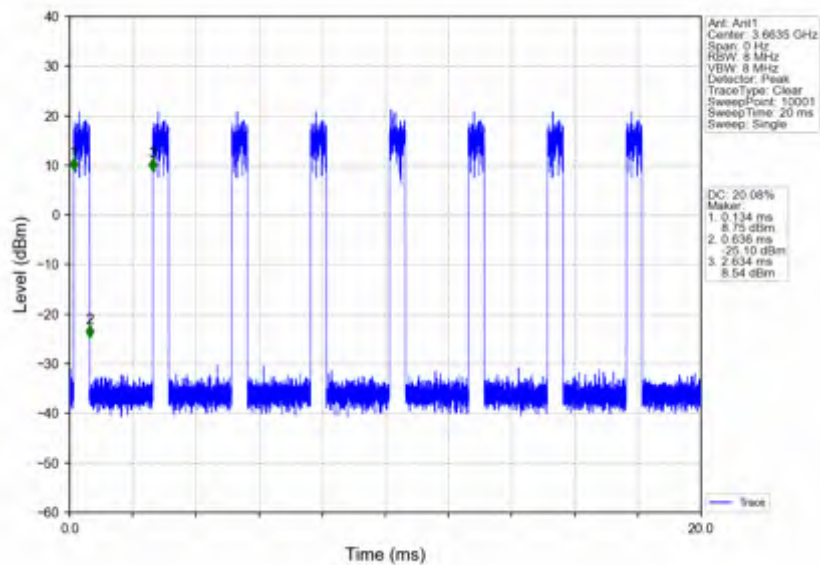
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_16\_QAM\_3624.99MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_16\_QAM\_3624.99MHz\_Inner\_1RB\_Right



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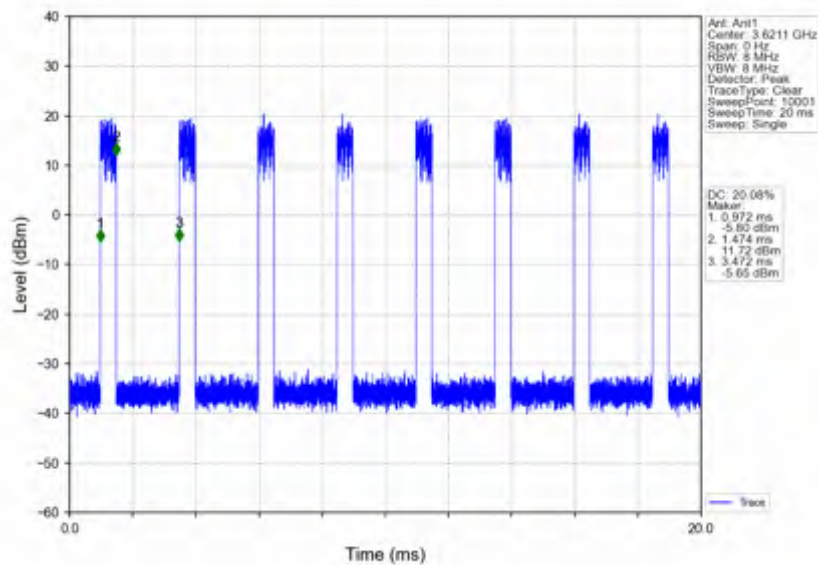
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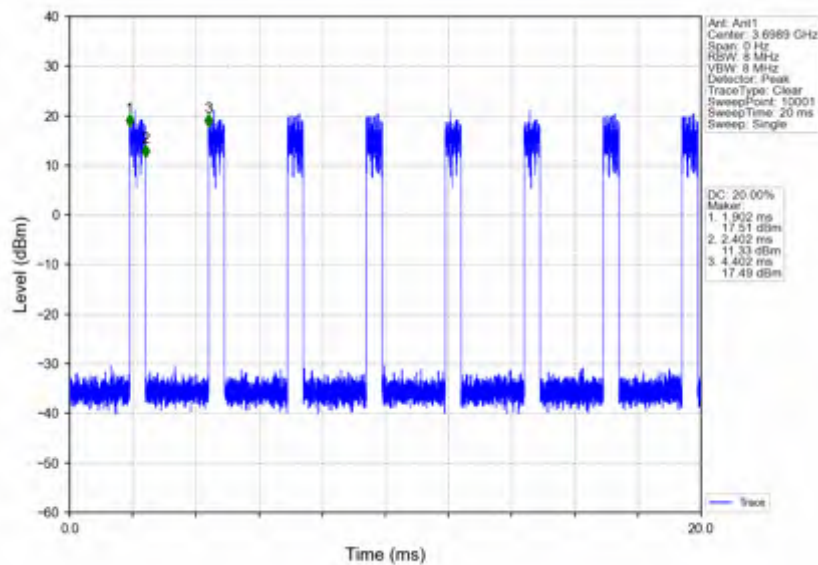
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_16\_QAM\_3660MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_16\_QAM\_3660MHz\_Edge\_1RB\_Right



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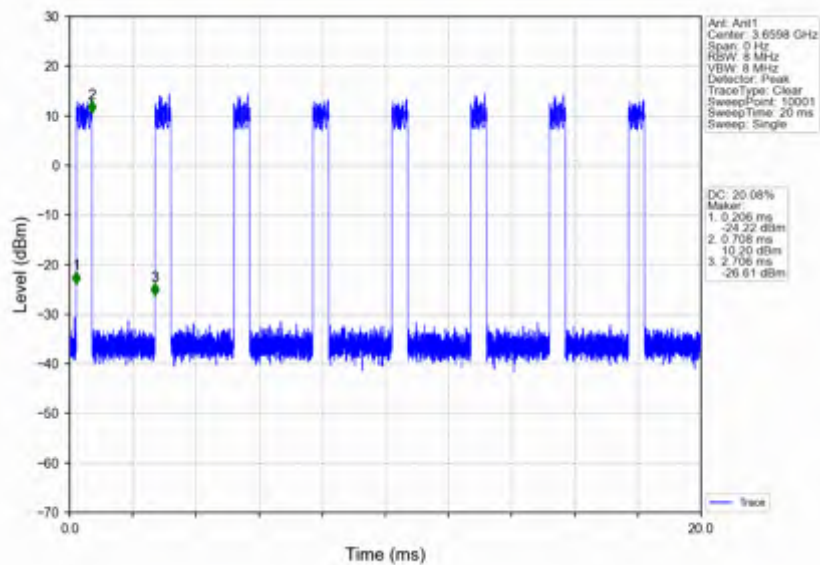
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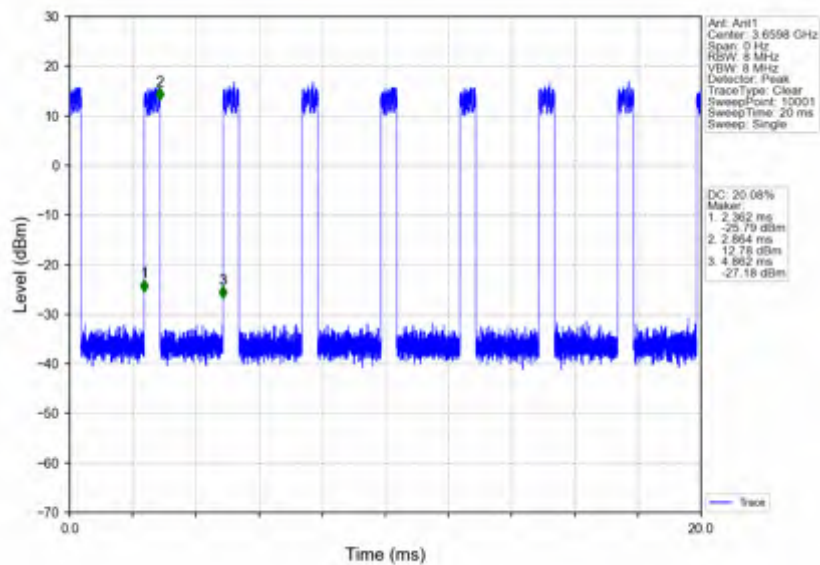
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_16\_QAM\_3660MHz\_Outer\_Full



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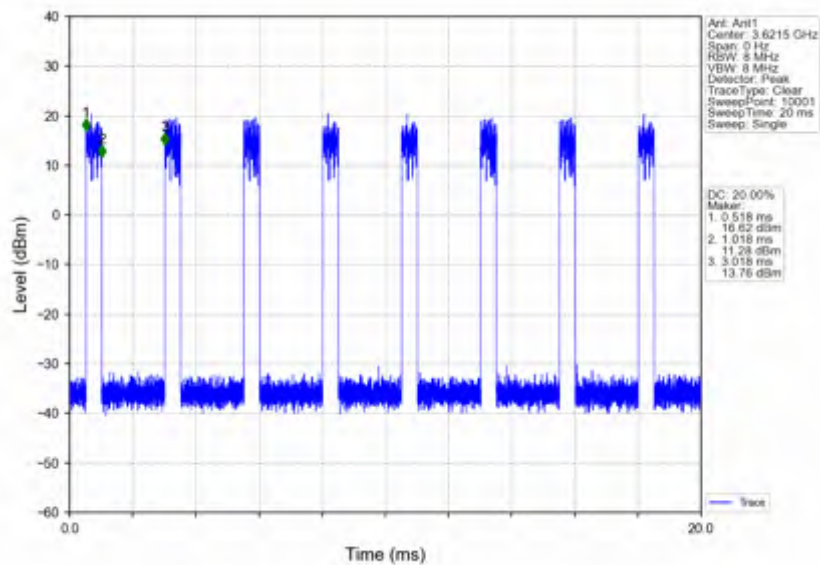


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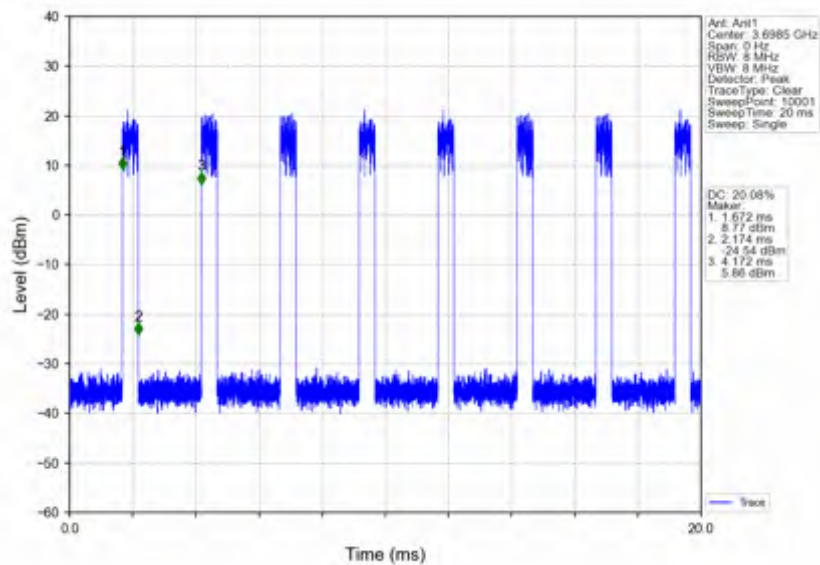
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_16\_QAM\_3660MHz\_Inner\_1RB\_Left



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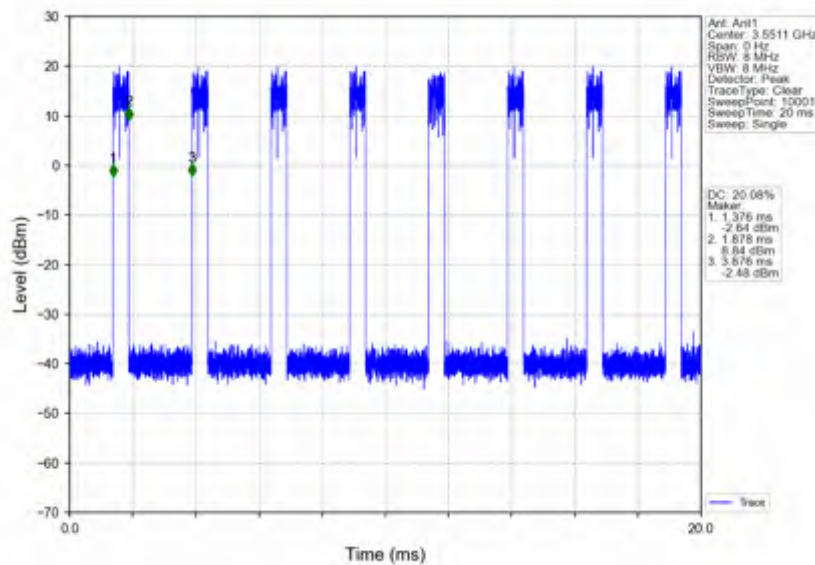
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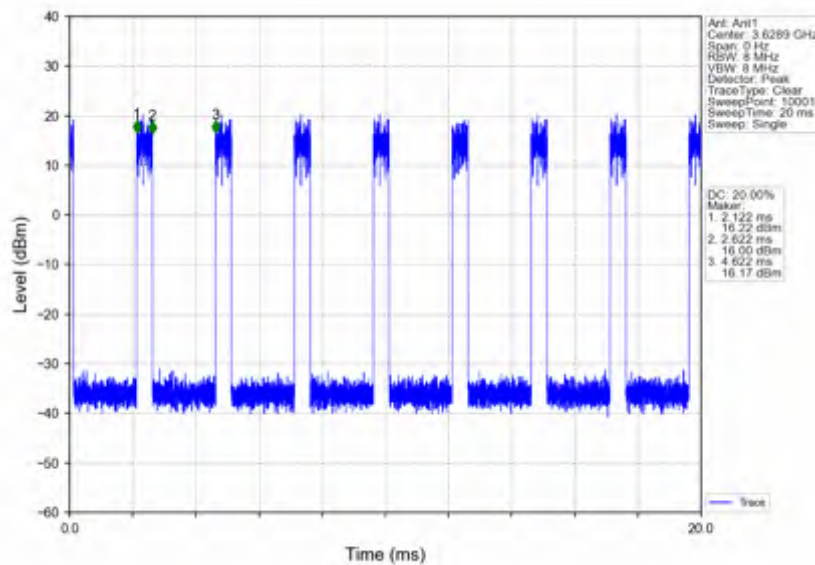
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_64\_QAM\_3590.01MHz\_Edge\_1RB\_Left



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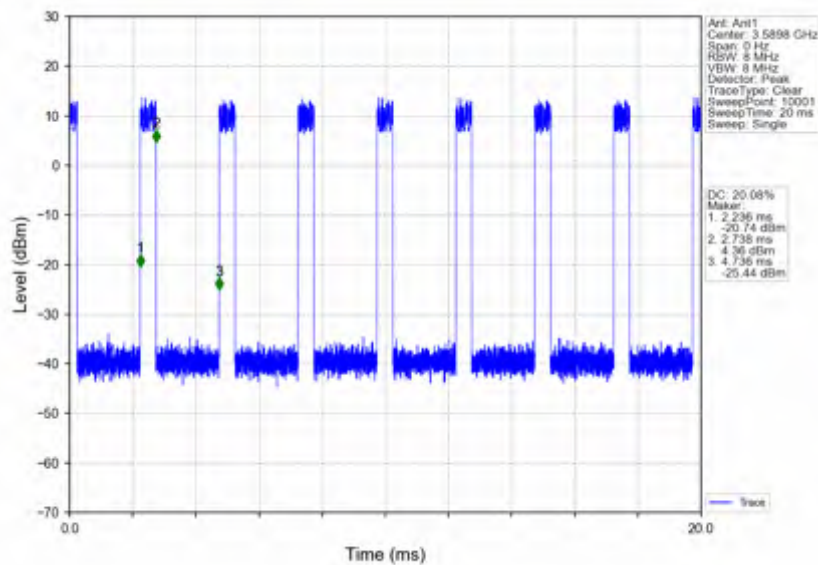


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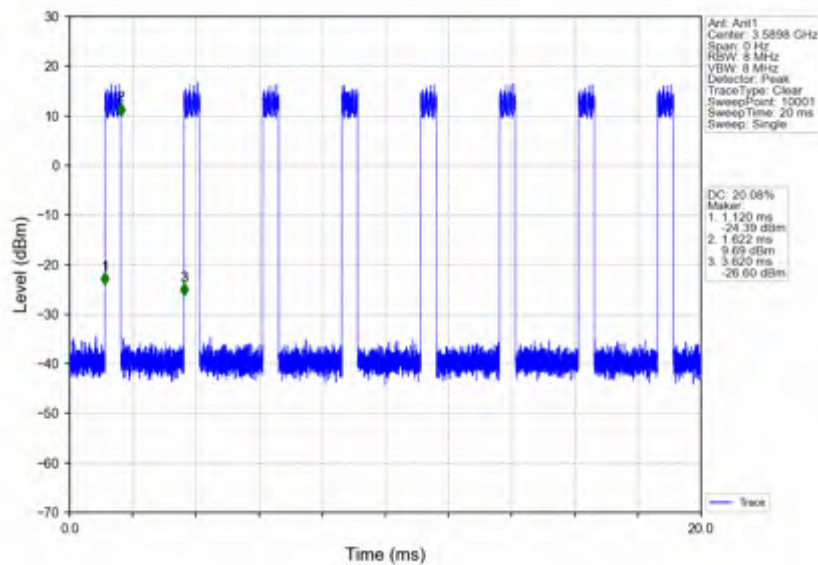
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_64\_QAM\_3590.01MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_64\_QAM\_3590.01MHz\_Inner\_Full



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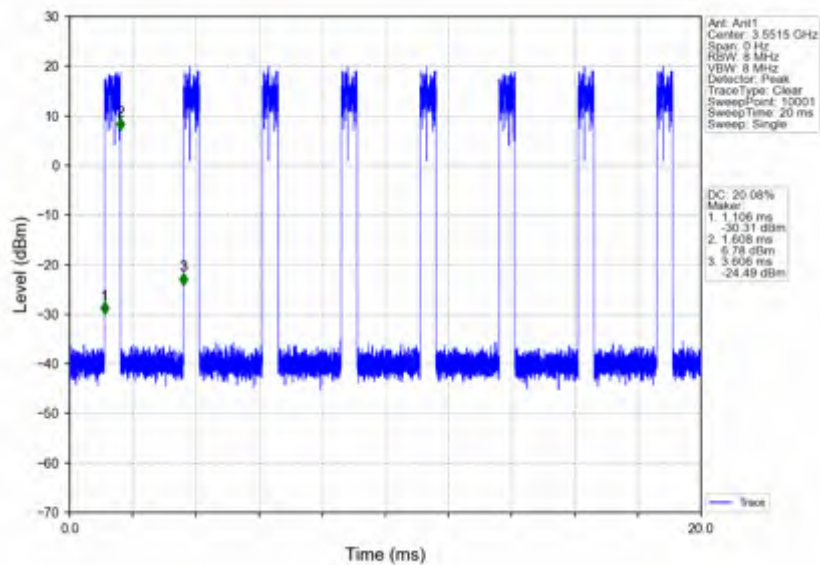
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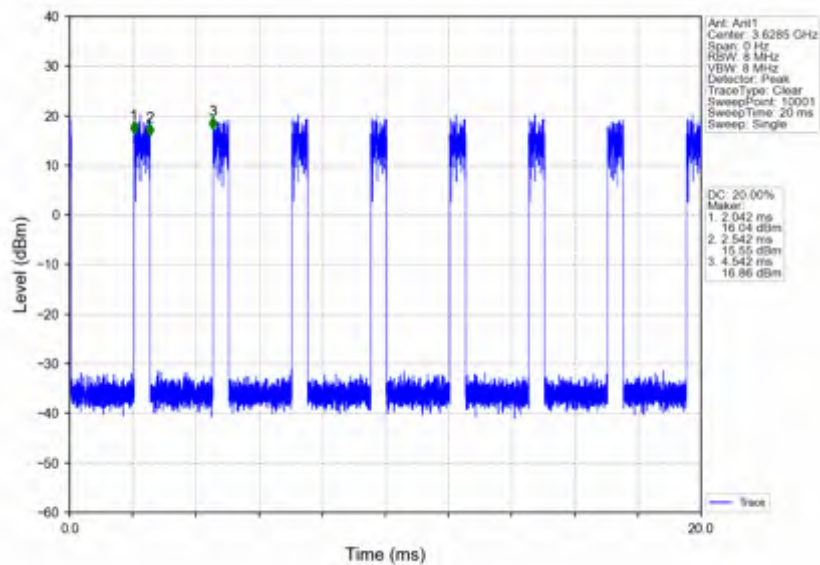
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM 64 QAM\_3590.01MHz\_Inner\_1RB\_Left



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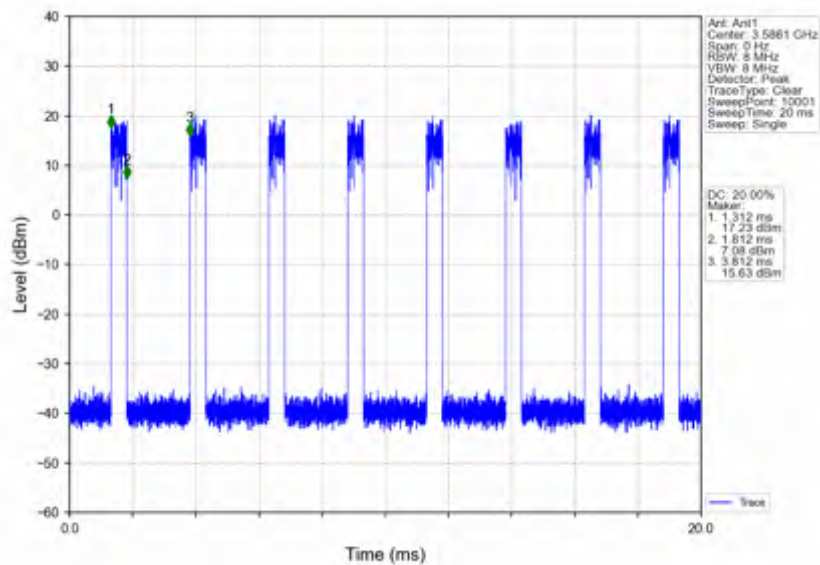


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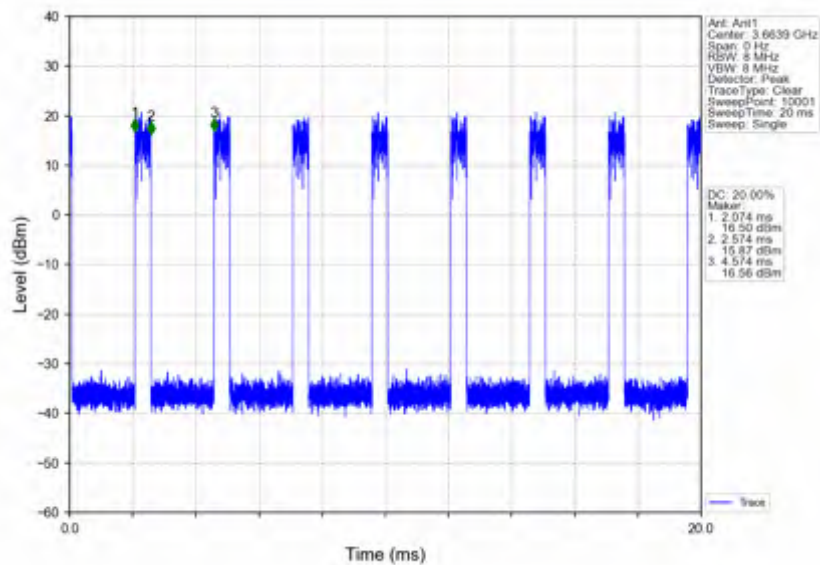
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_64\_QAM\_3624.99MHz\_Edge\_1RB\_Left



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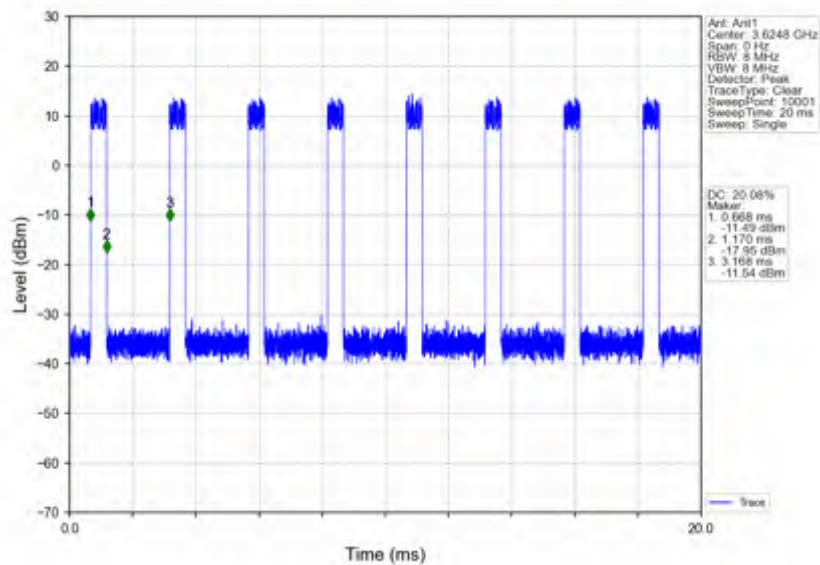


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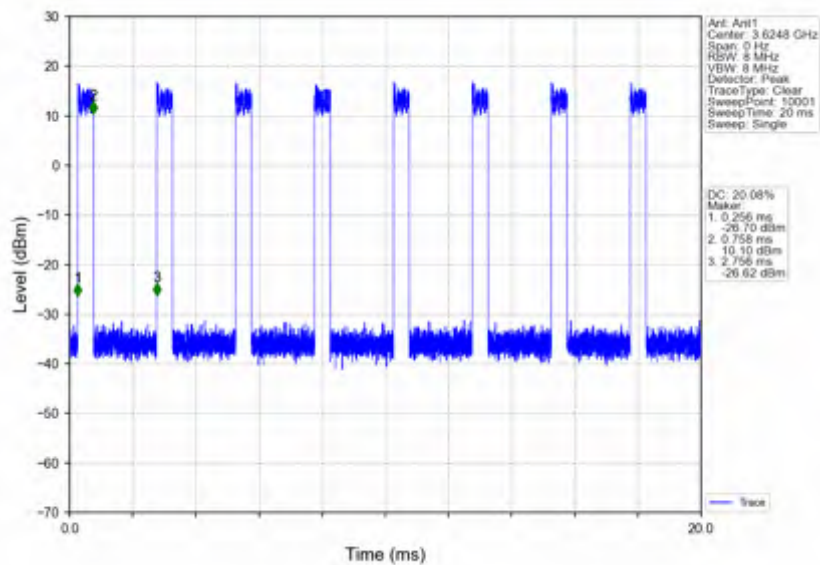
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM 64 QAM\_3624.99MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM 64 QAM\_3624.99MHz\_Inner\_Full



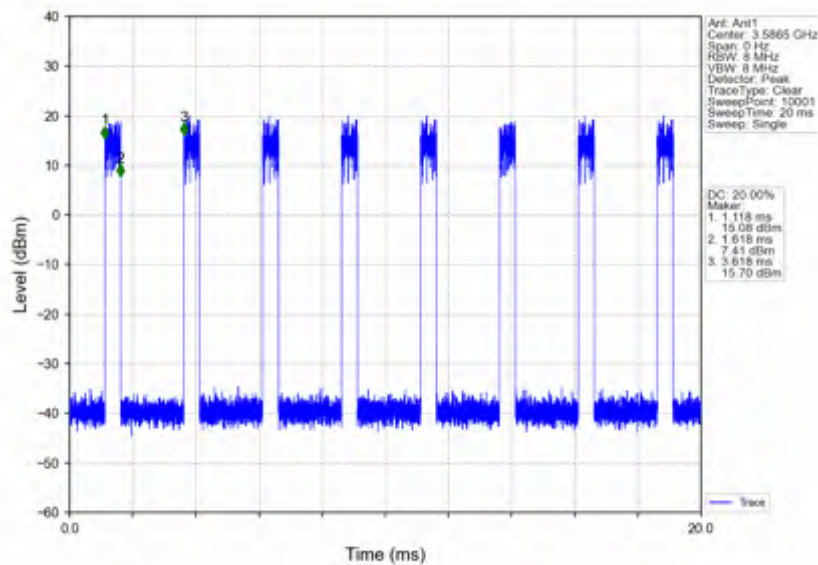
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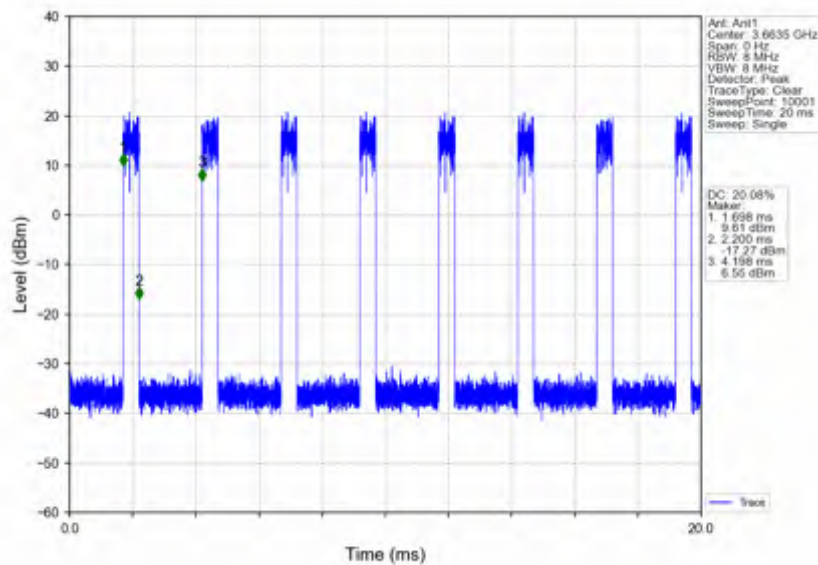
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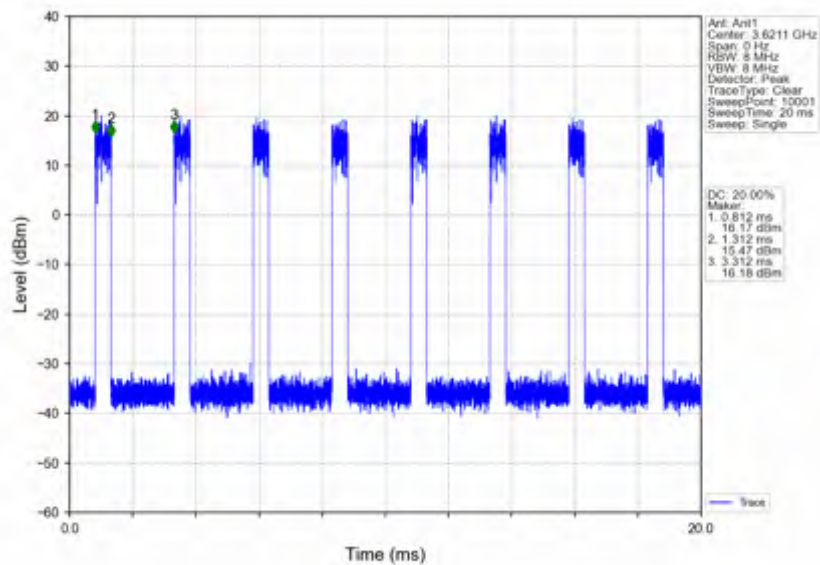


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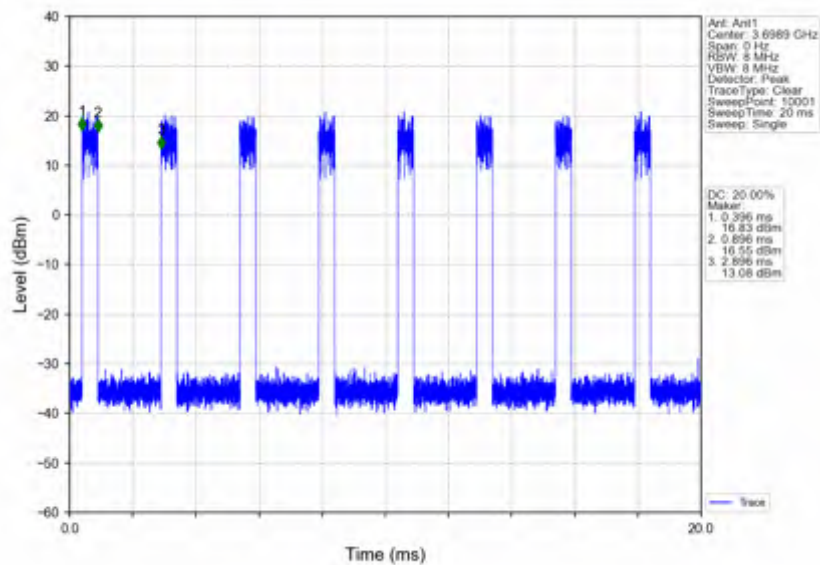
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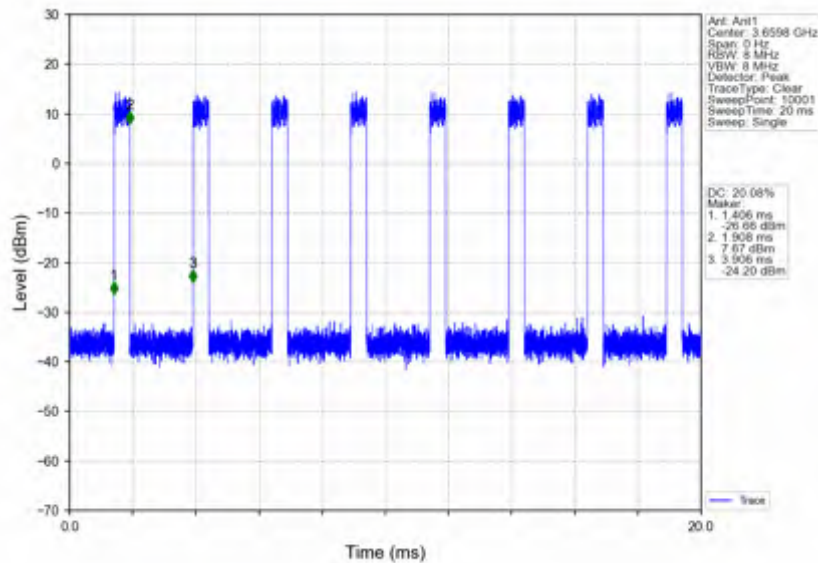


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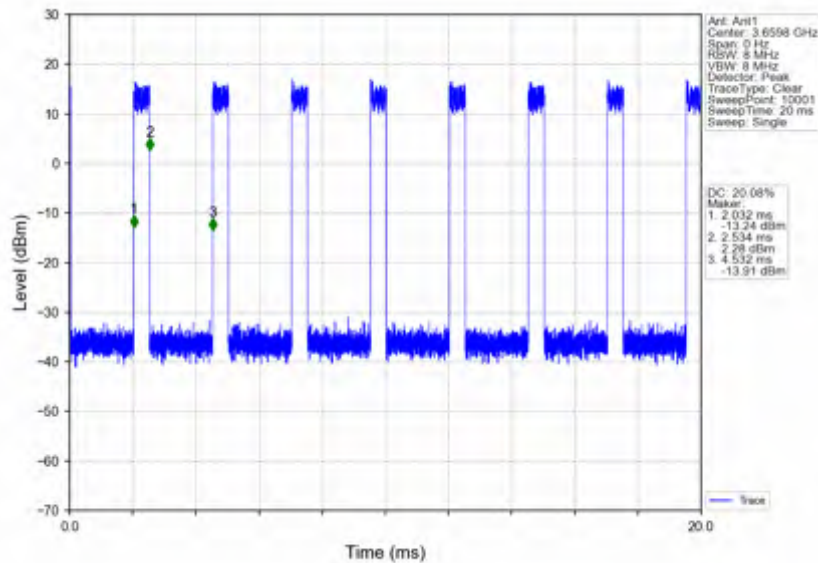
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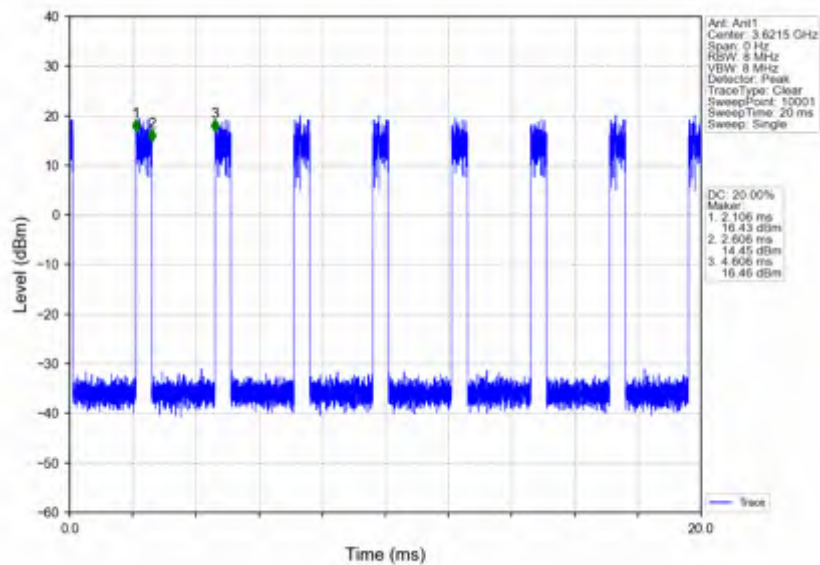
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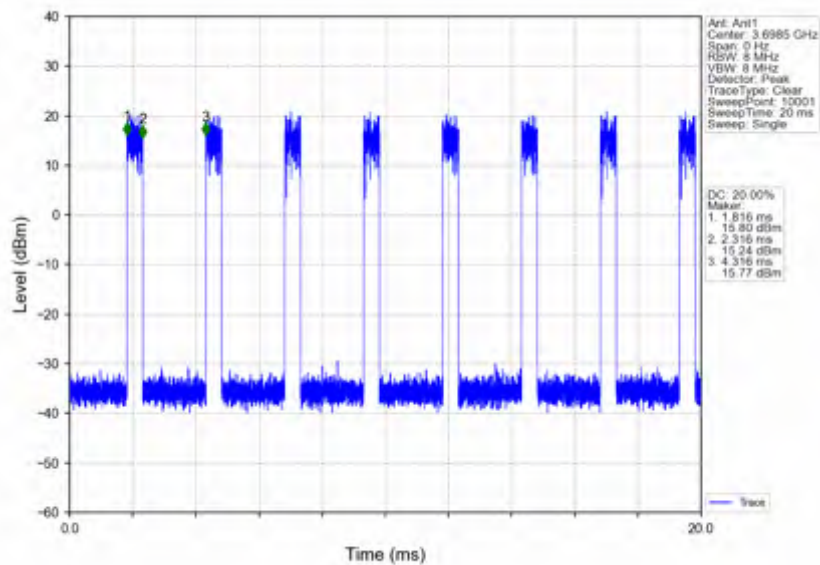
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM 64 QAM\_3660MHz\_Inner\_1RB\_Left



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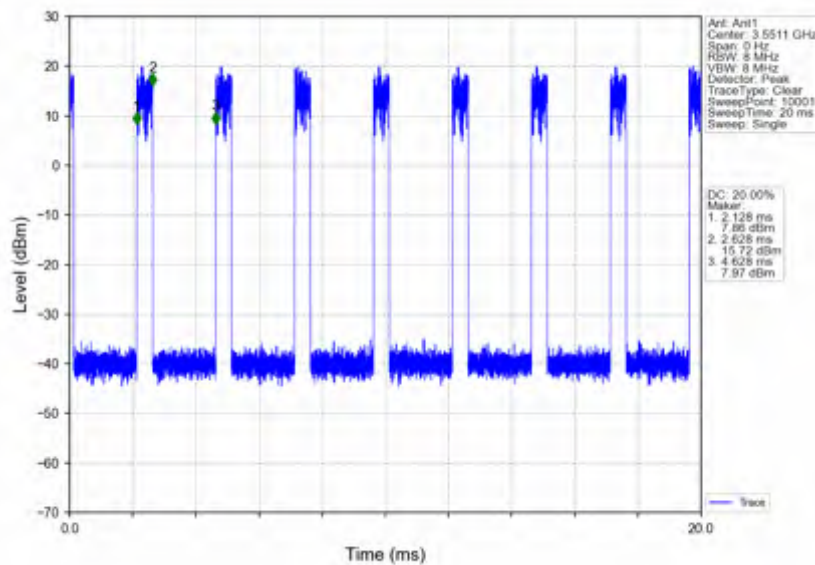
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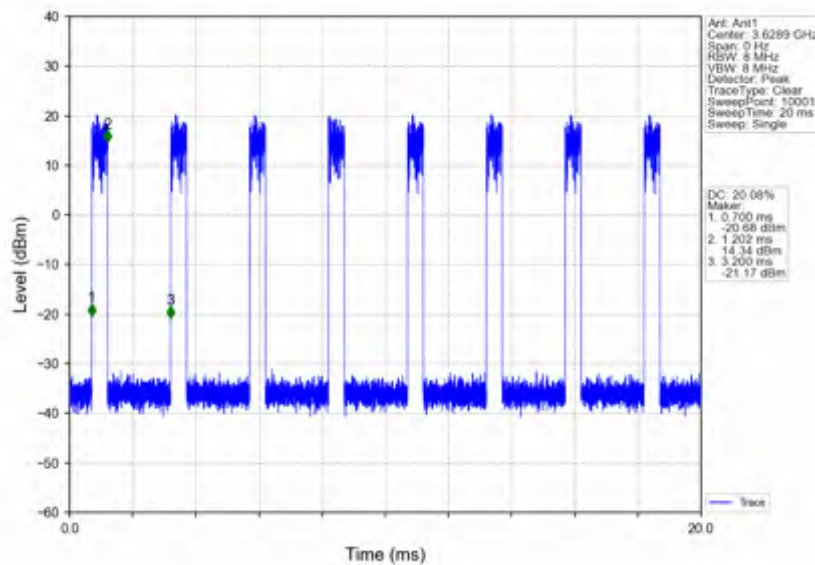
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3590.01MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3590.01MHz\_Edge\_1RB\_Right



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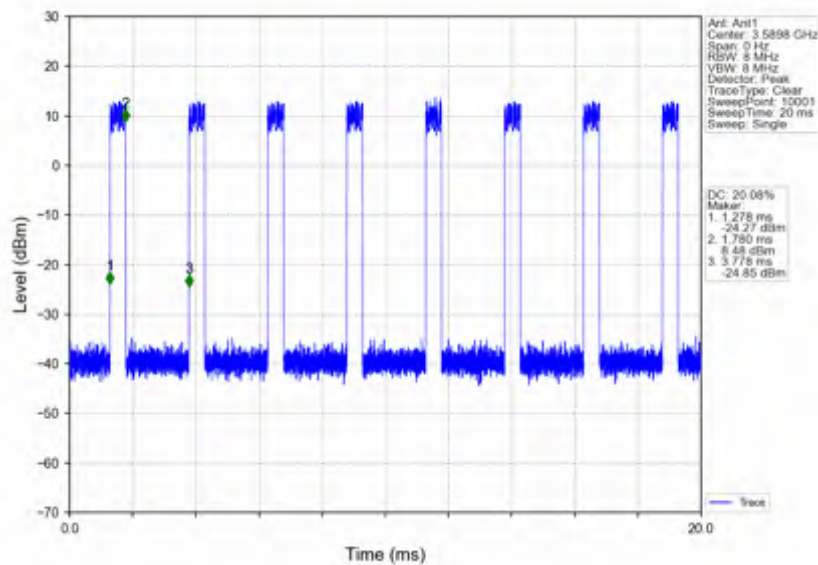
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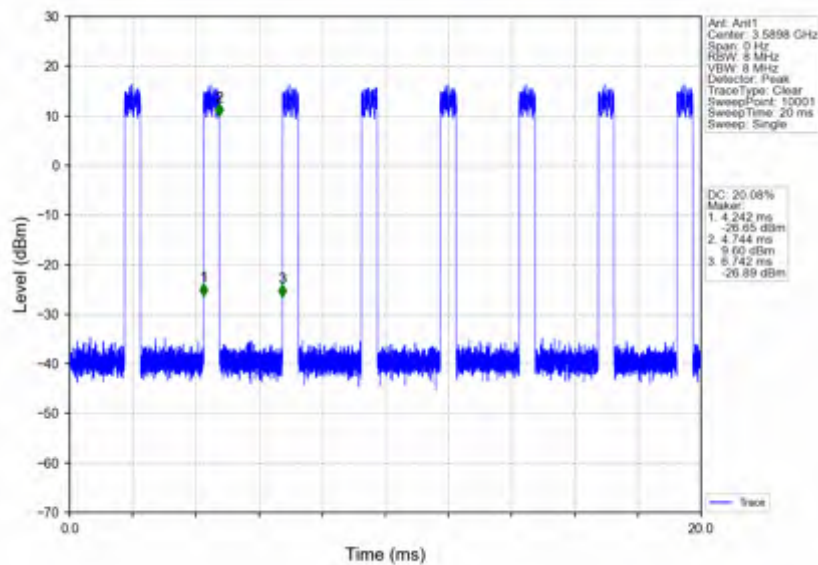
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3590.01MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3590.01MHz\_Inner\_Full



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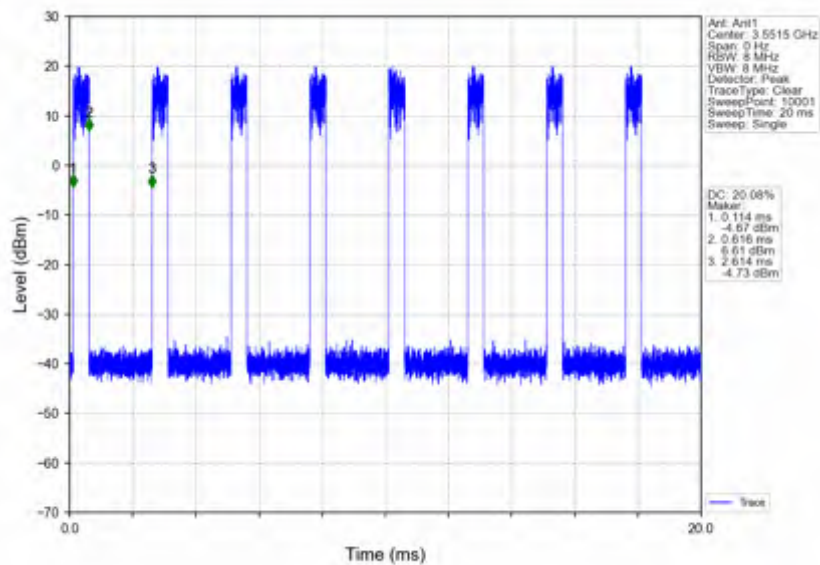
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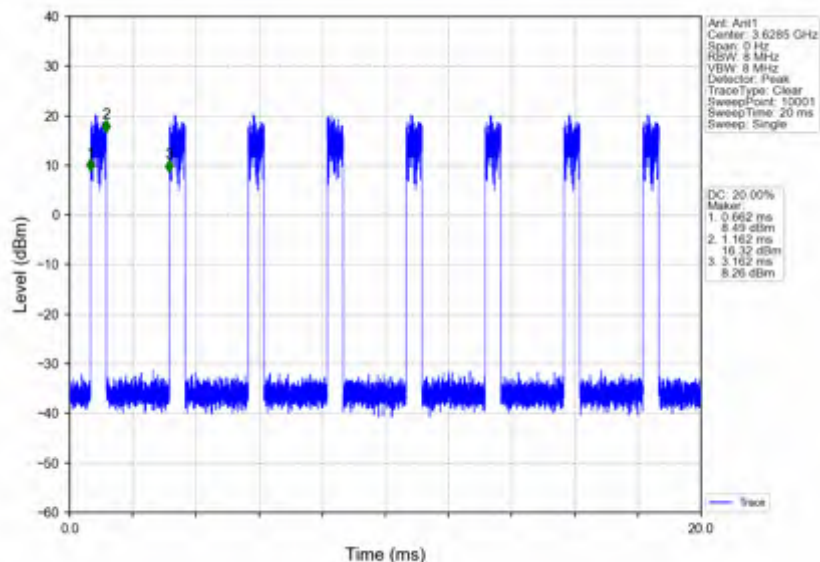
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3590.01MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3590.01MHz\_Inner\_1RB\_Right

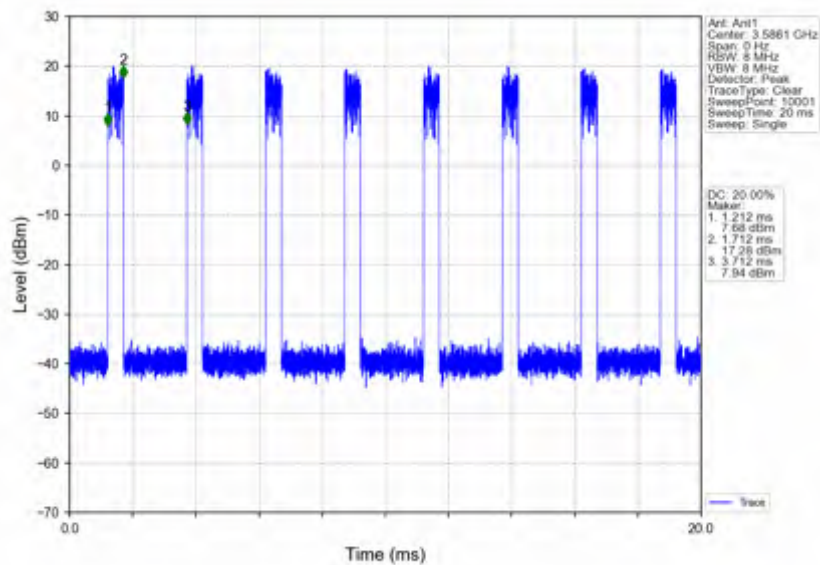


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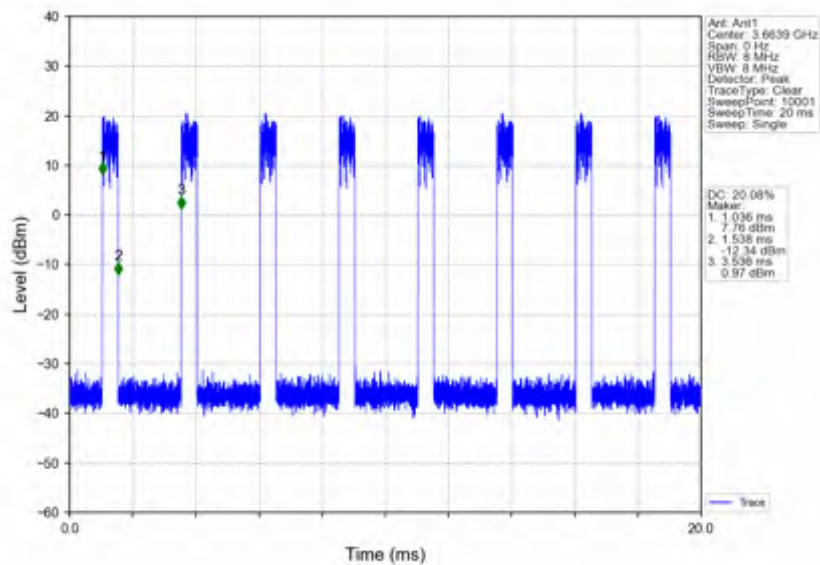
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3624.99MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3624.99MHz\_Edge\_1RB\_Right



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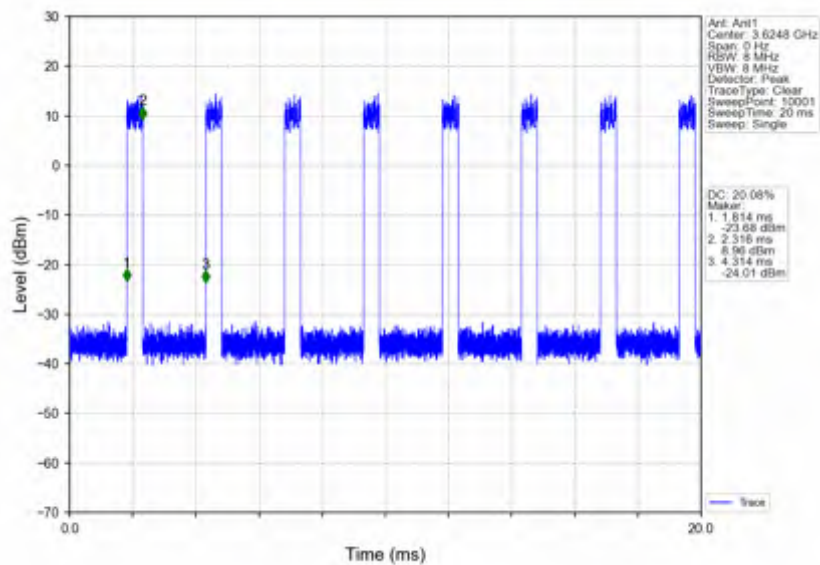
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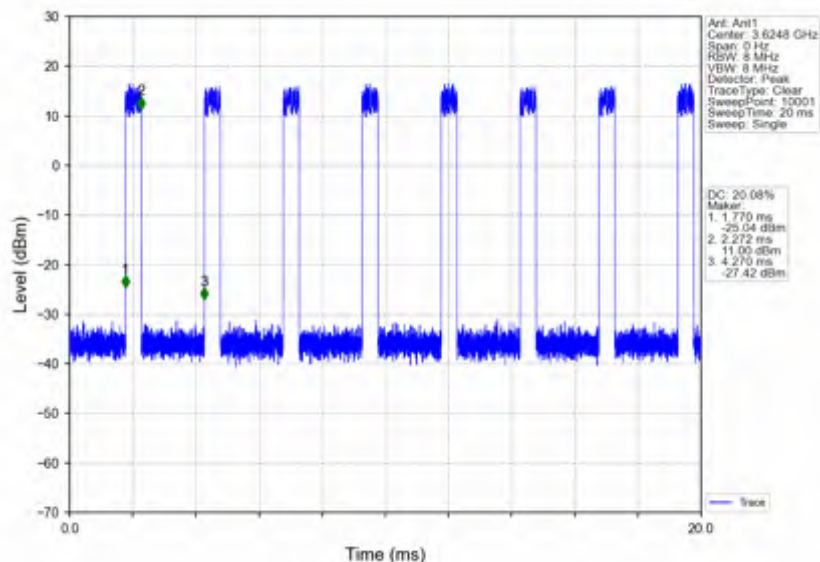
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|      |       |      |      |       |            |         |            |       |      |
|------|-------|------|------|-------|------------|---------|------------|-------|------|
| n78d | 30kHz | SISO | NTNV | 80MHz | DFT-s-OFDM | 256 QAM | 3624.99MHz | Outer | Full |
|------|-------|------|------|-------|------------|---------|------------|-------|------|



|      |       |      |      |       |            |         |            |       |      |
|------|-------|------|------|-------|------------|---------|------------|-------|------|
| n78d | 30kHz | SISO | NTNV | 80MHz | DFT-s-OFDM | 256 QAM | 3624.99MHz | Inner | Full |
|------|-------|------|------|-------|------------|---------|------------|-------|------|

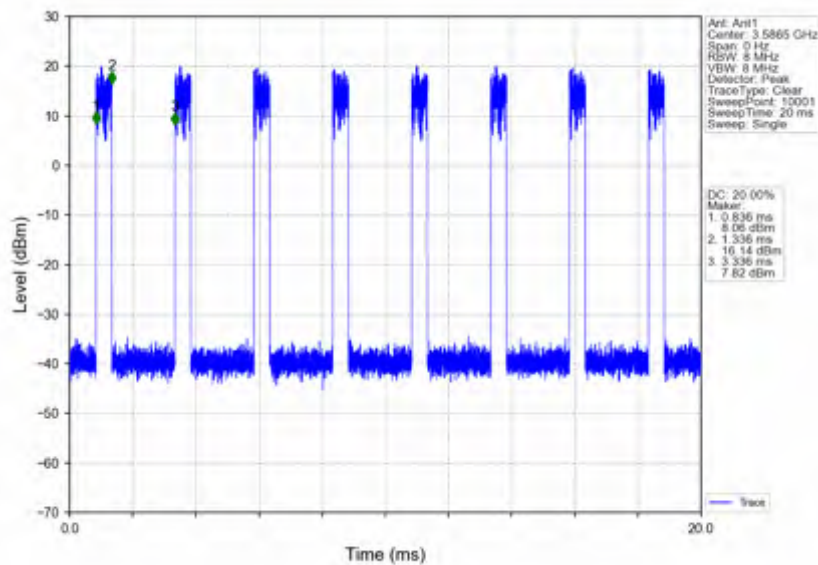


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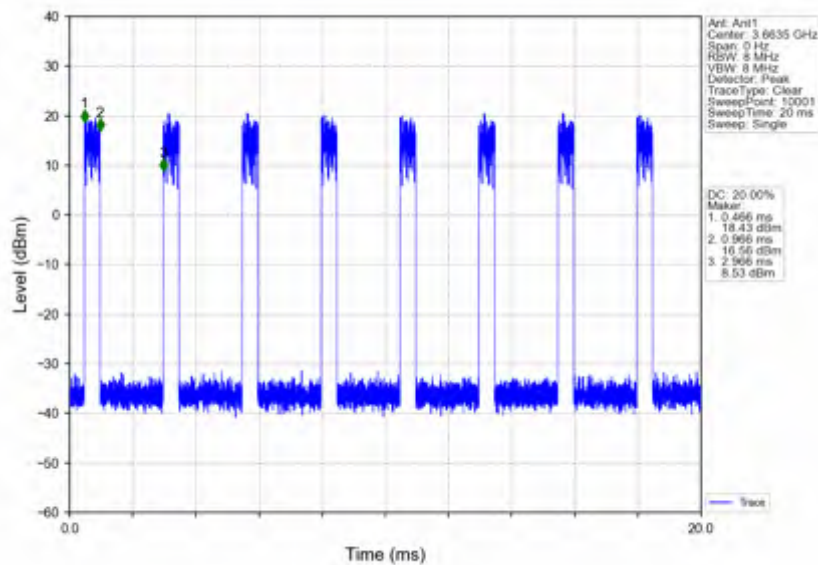
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3624.99MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3624.99MHz\_Inner\_1RB\_Right

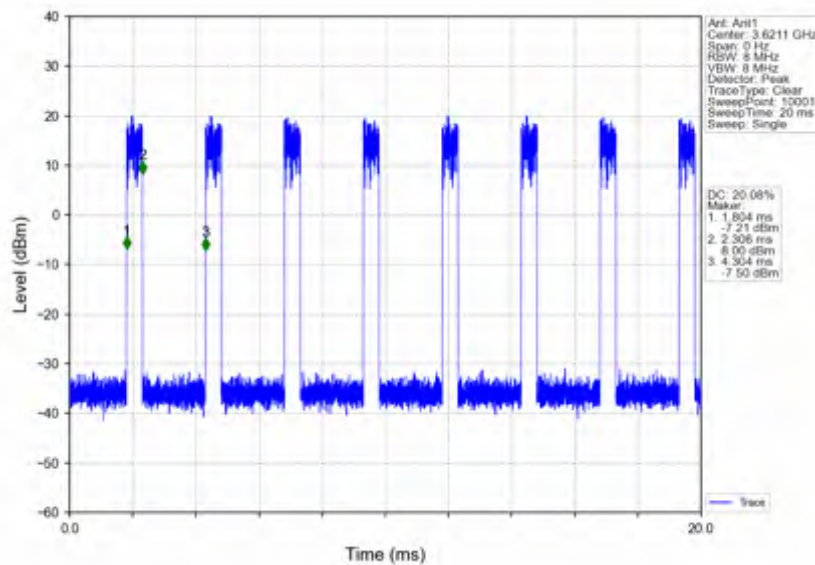


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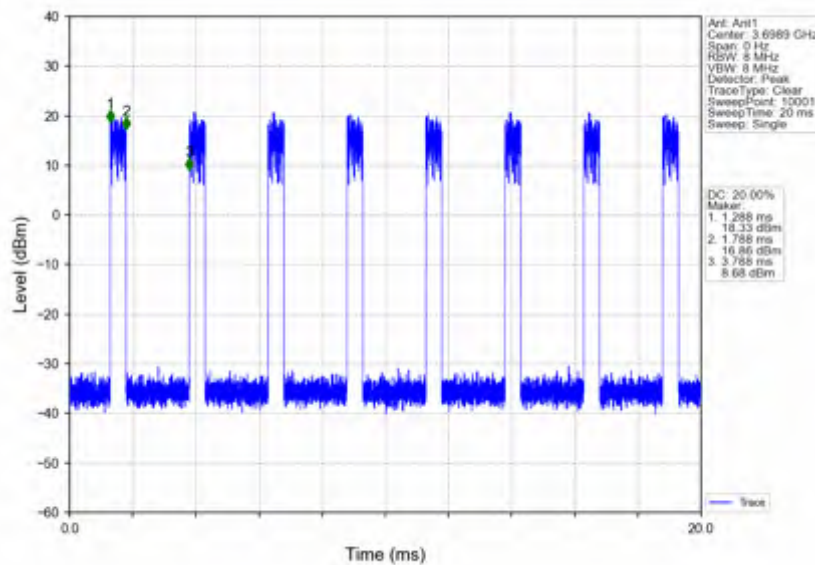
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3660MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3660MHz\_Edge\_1RB\_Right



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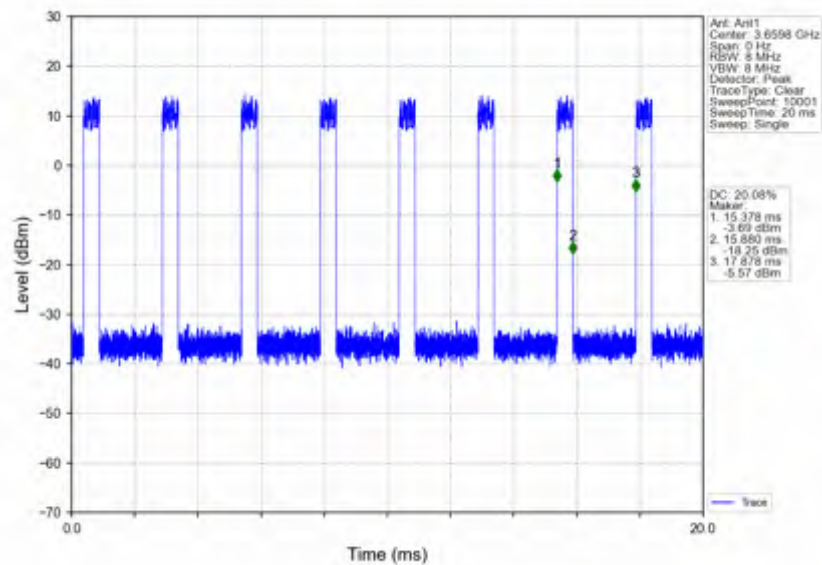
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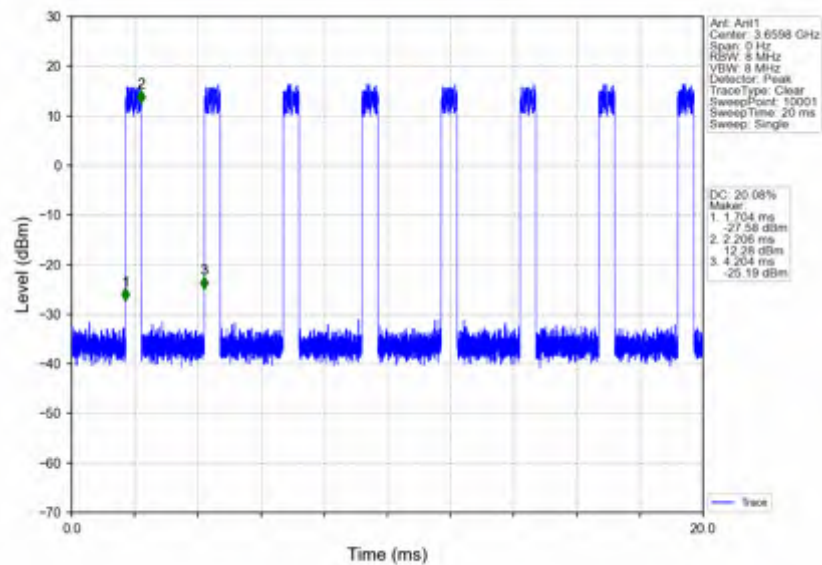
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3660MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3660MHz\_Inner\_Full



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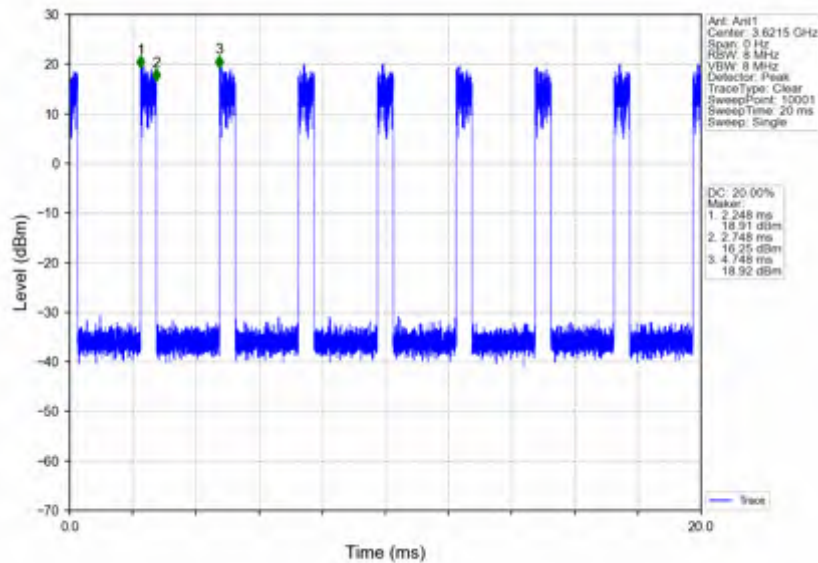
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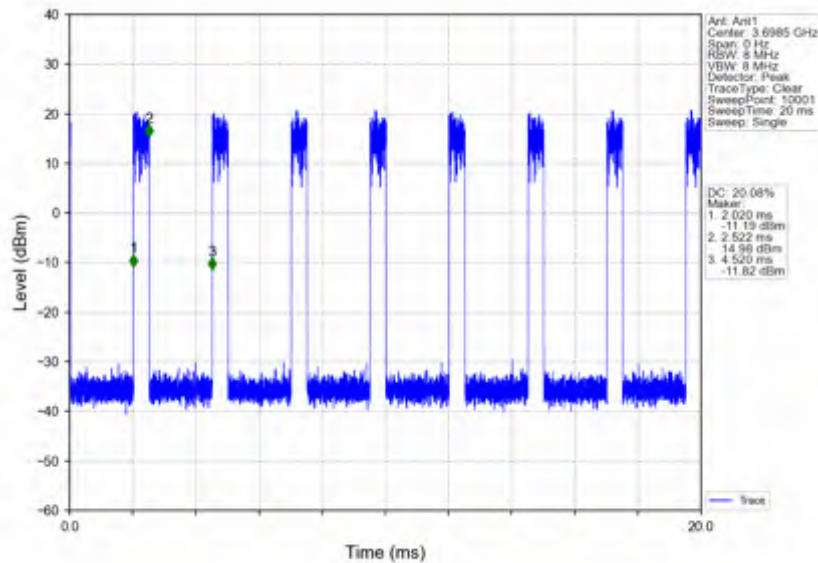
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3660MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_256\_QAM\_3660MHz\_Inner\_1RB\_Right



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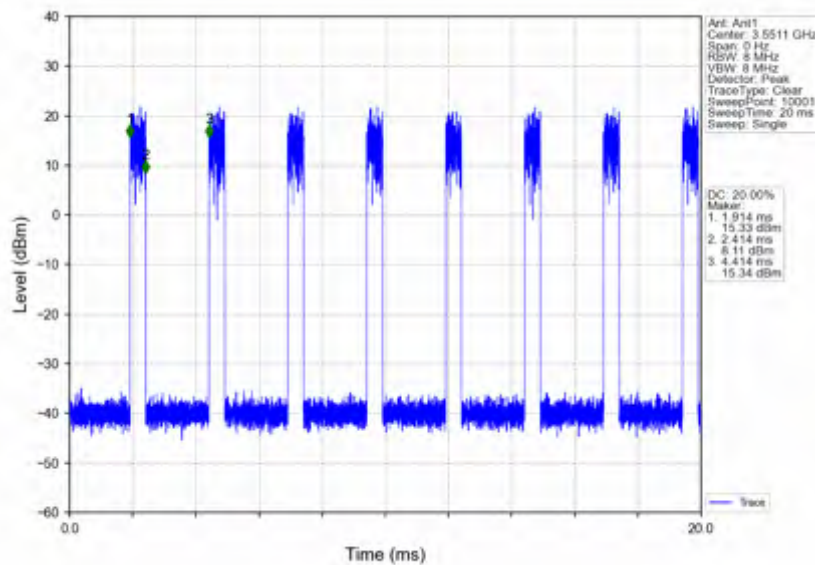
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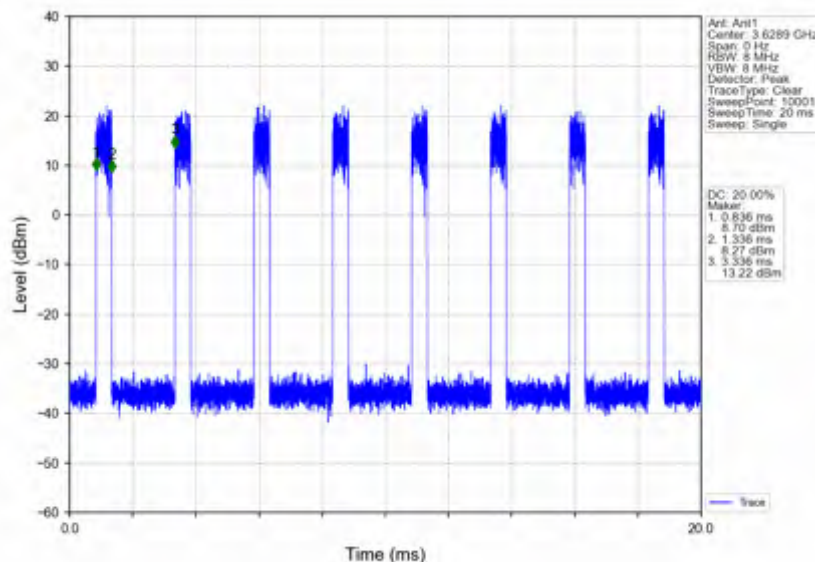
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM QPSK\_3590.01MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM QPSK\_3590.01MHz\_Edge\_1RB\_Right



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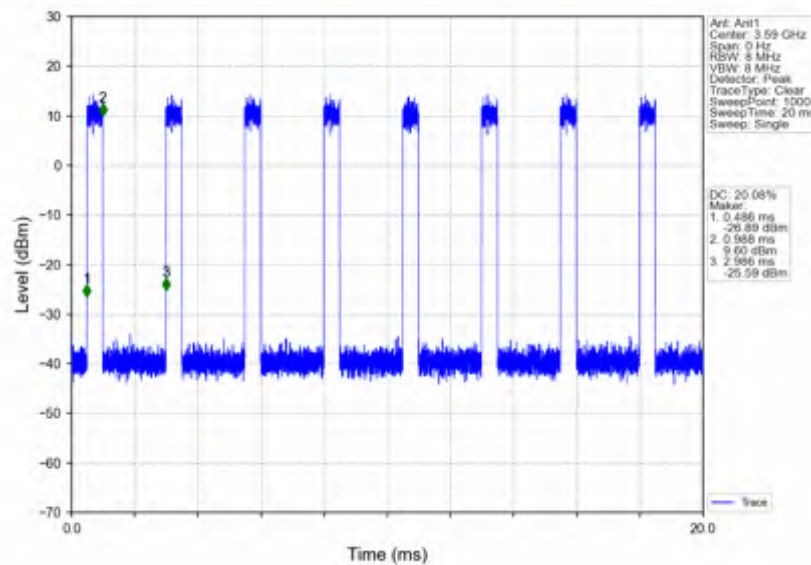
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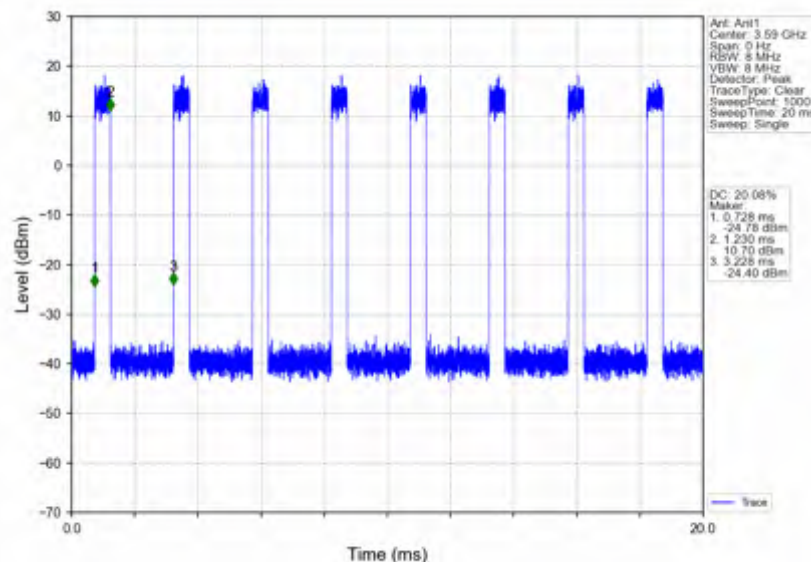
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3590.01MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3590.01MHz\_Inner\_Full

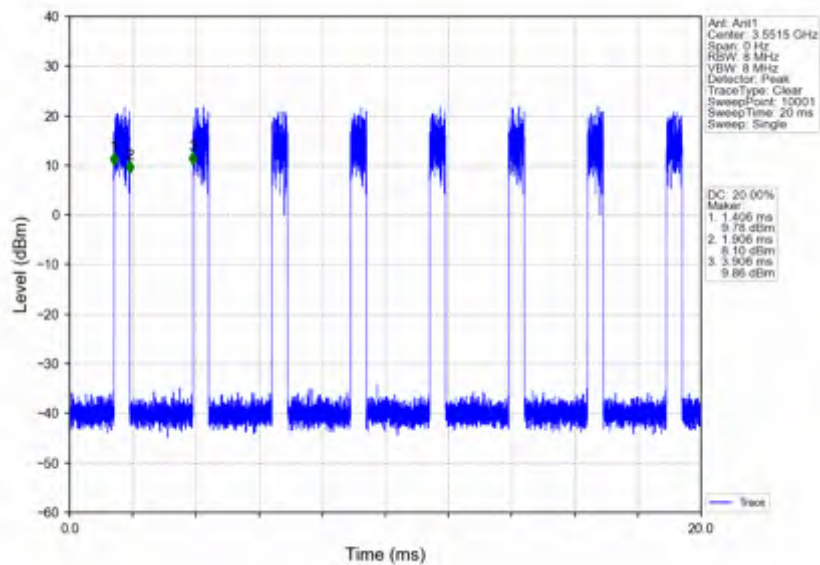


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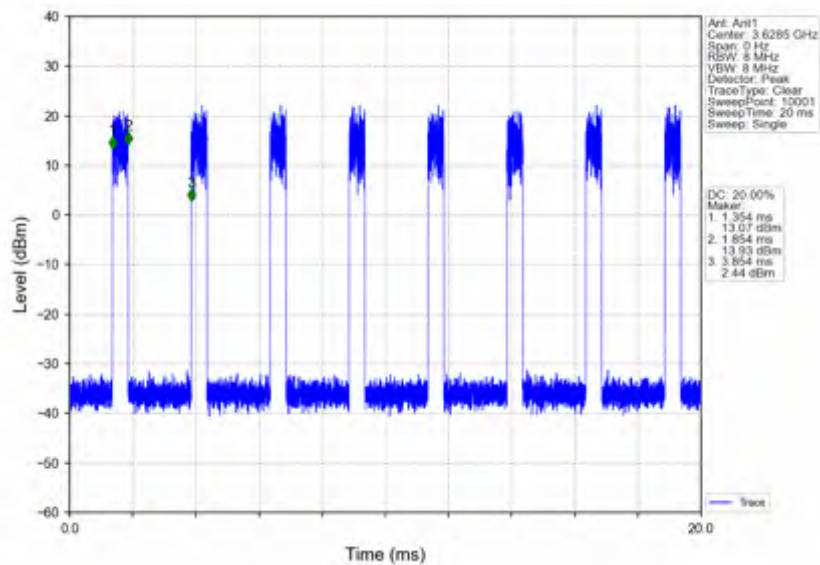
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n78d\_30kHz\_SISO\_NTV\_80MHz\_CP-OFDM\_QPSK\_3590.01MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTV\_80MHz\_CP-OFDM\_QPSK\_3590.01MHz\_Inner\_1RB\_Right



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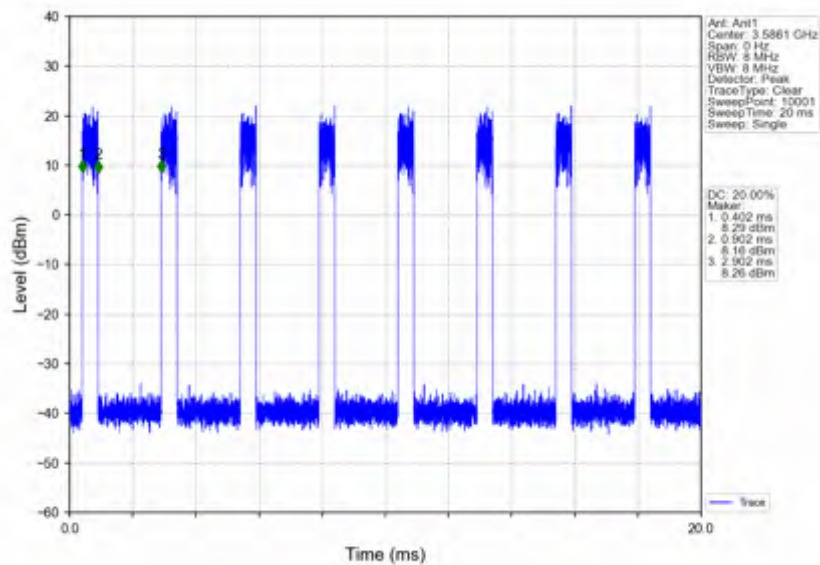
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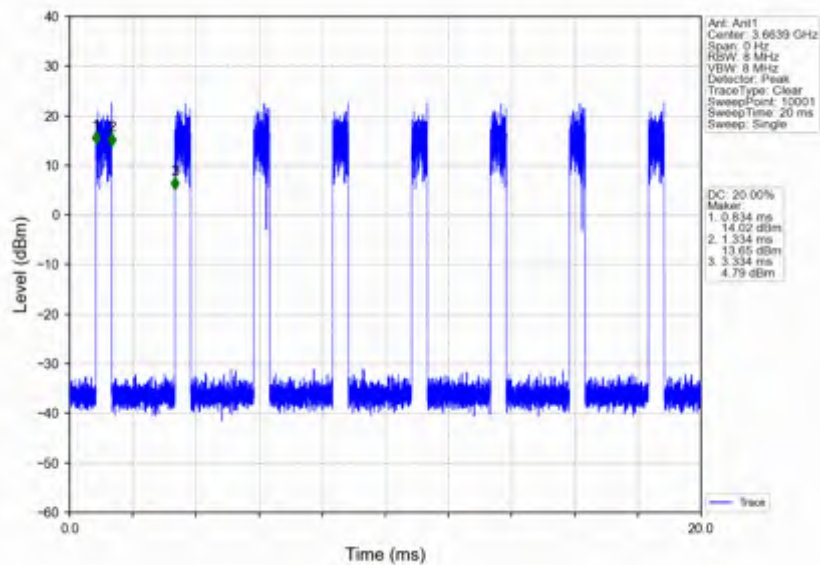
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3624.99MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3624.99MHz\_Edge\_1RB\_Right



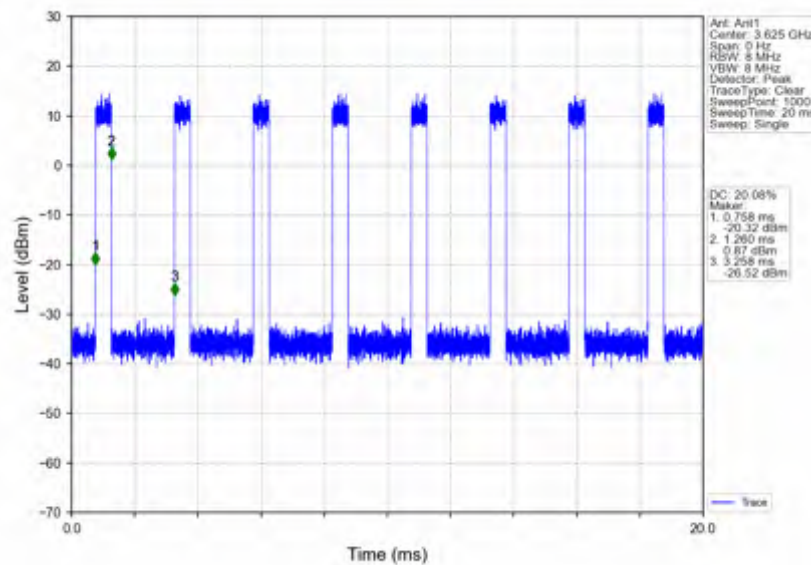
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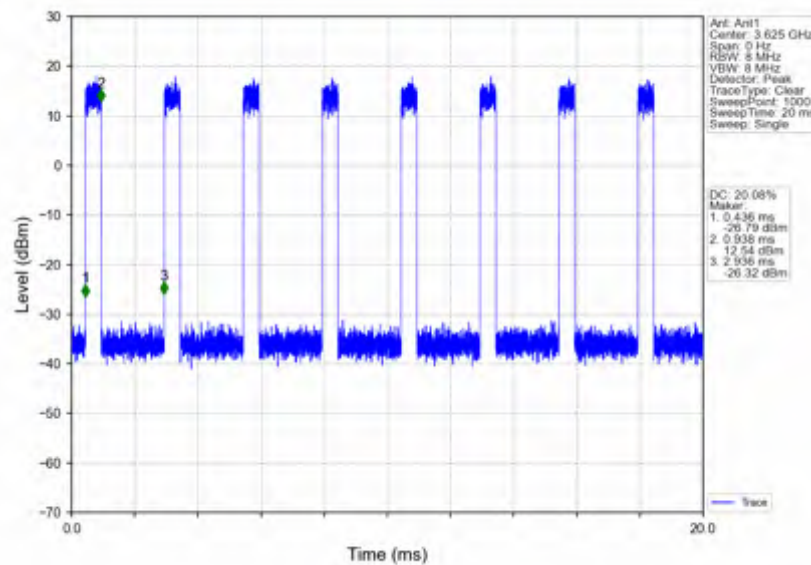
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3624.99MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3624.99MHz\_Inner\_Full



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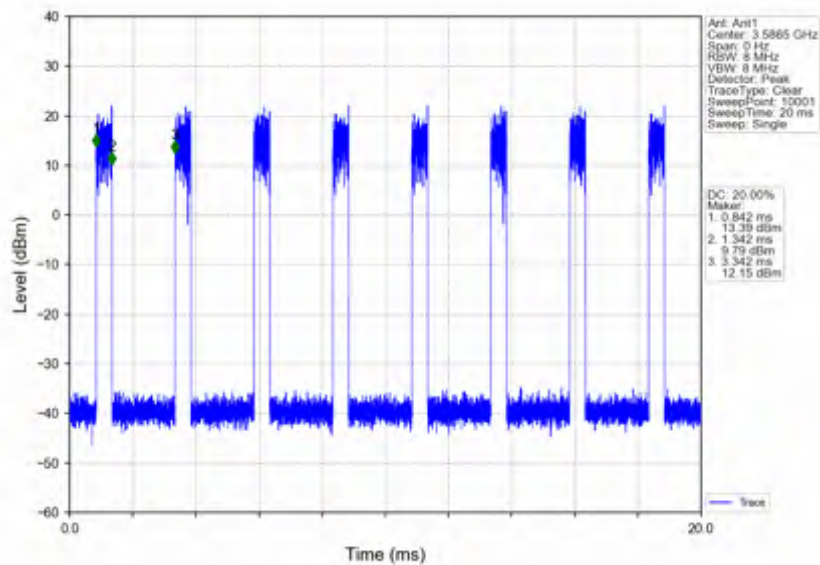
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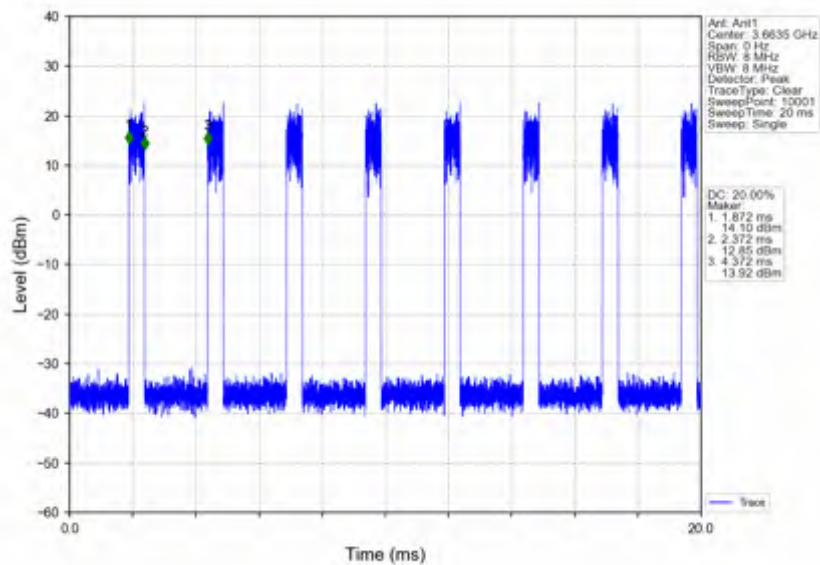
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n78d\_30kHz\_SISO\_NTV\_80MHz\_CP-OFDM\_QPSK\_3624.99MHz\_Inner\_1RB\_Left



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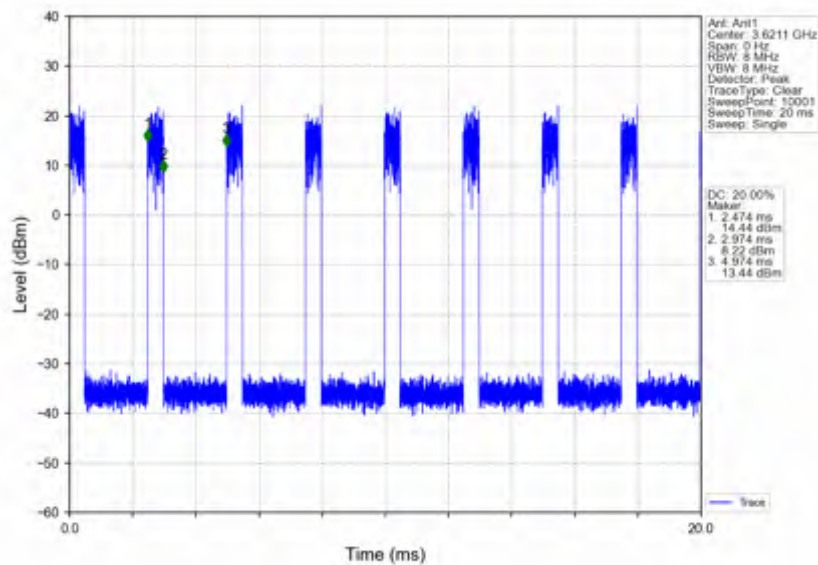


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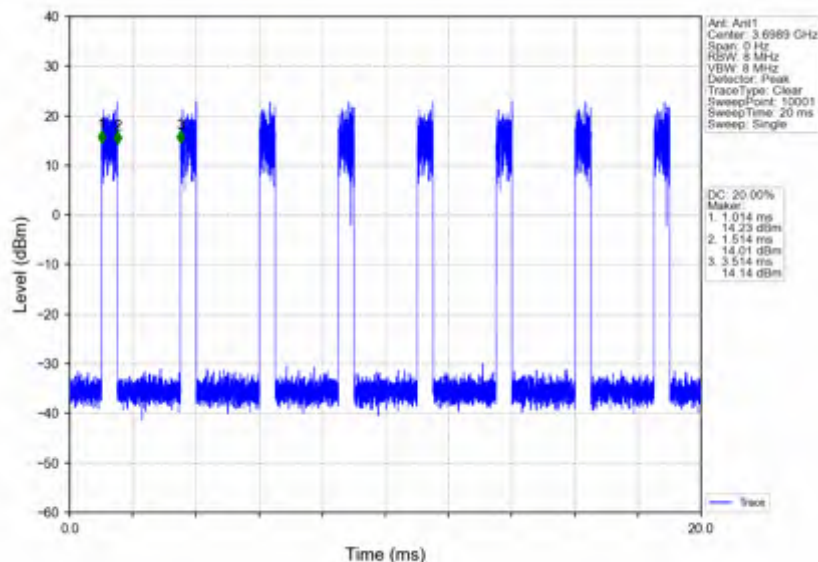
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3660MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3660MHz\_Edge\_1RB\_Right



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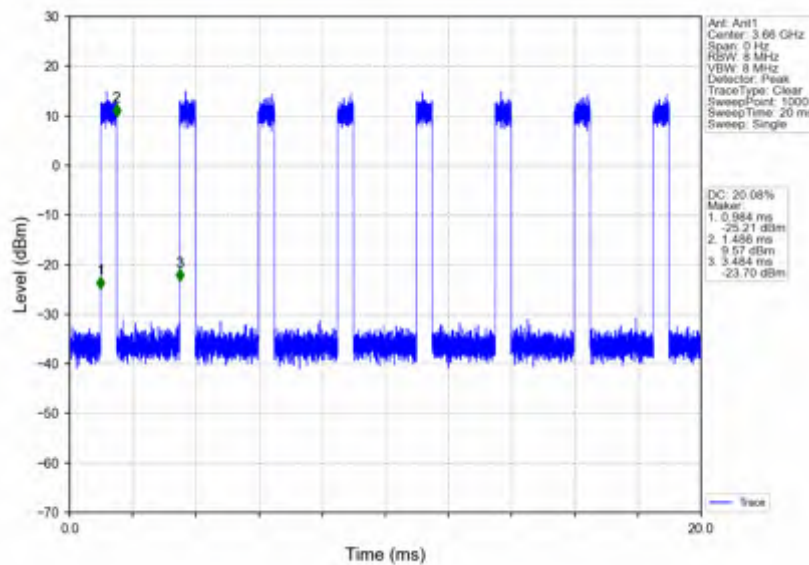
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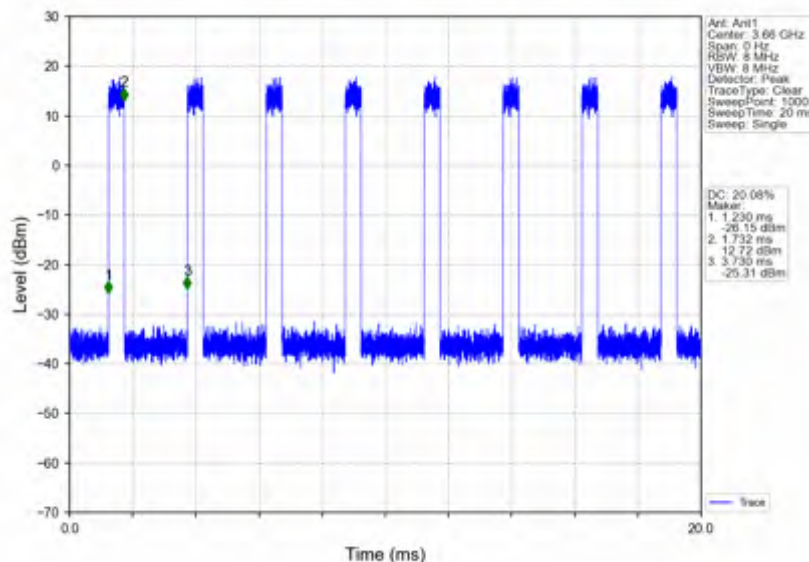
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3660MHz\_Outer\_Full



n78d 30kHz SISO NTV 80MHz CP-OFDM QPSK 3660MHz Inner Full

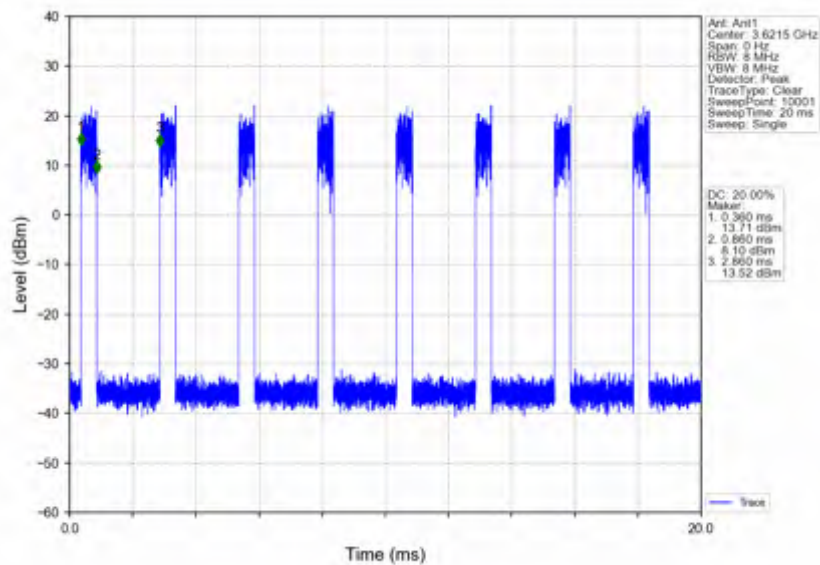


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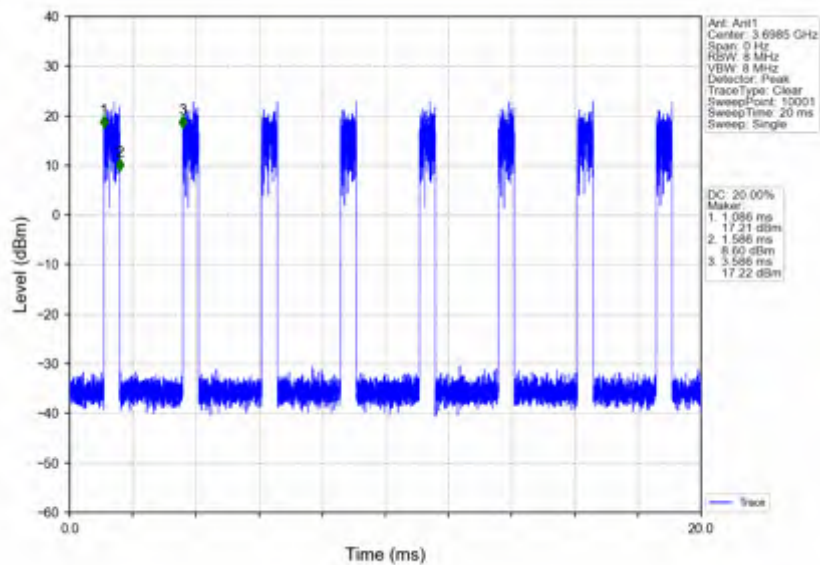
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3660MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3660MHz\_Inner\_1RB\_Right



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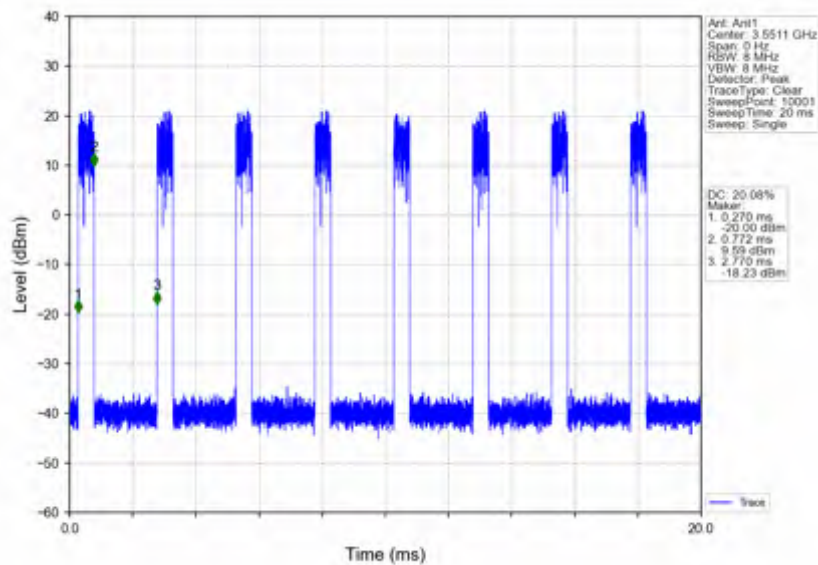
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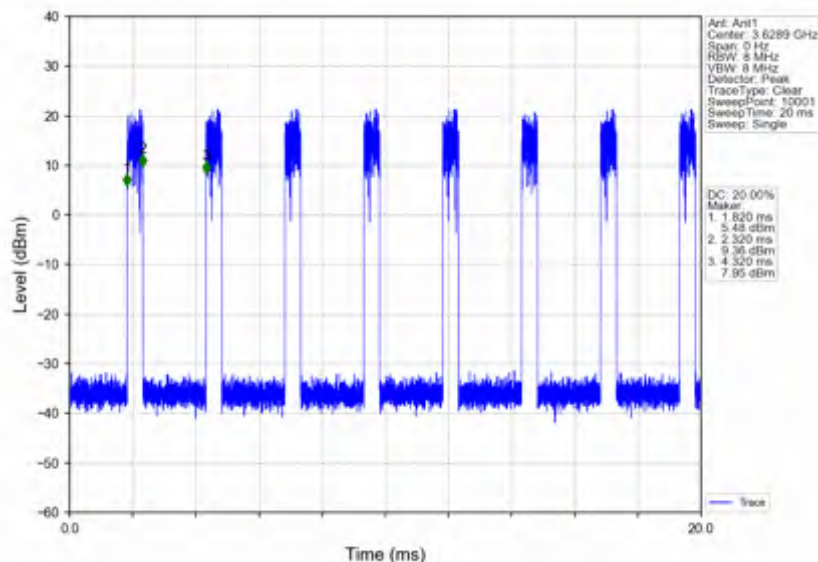
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 16 QAM\_3590.01MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 16 QAM\_3590.01MHz\_Edge\_1RB\_Right



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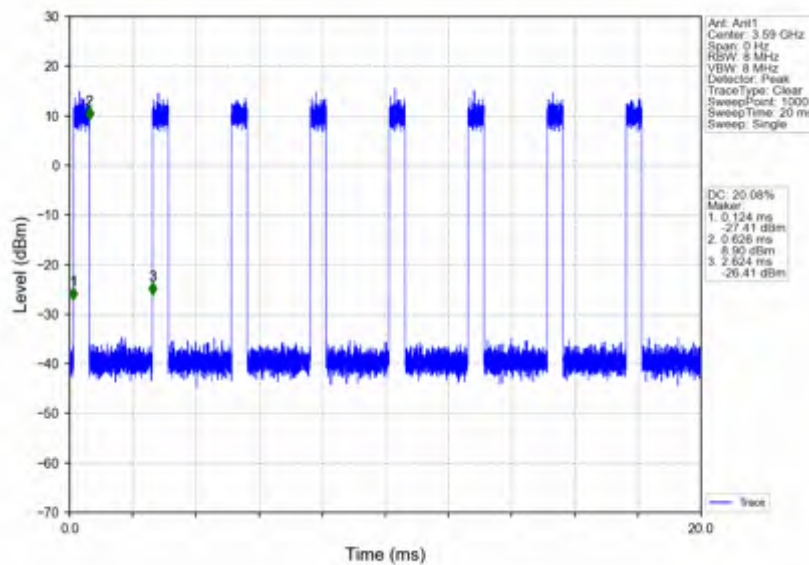
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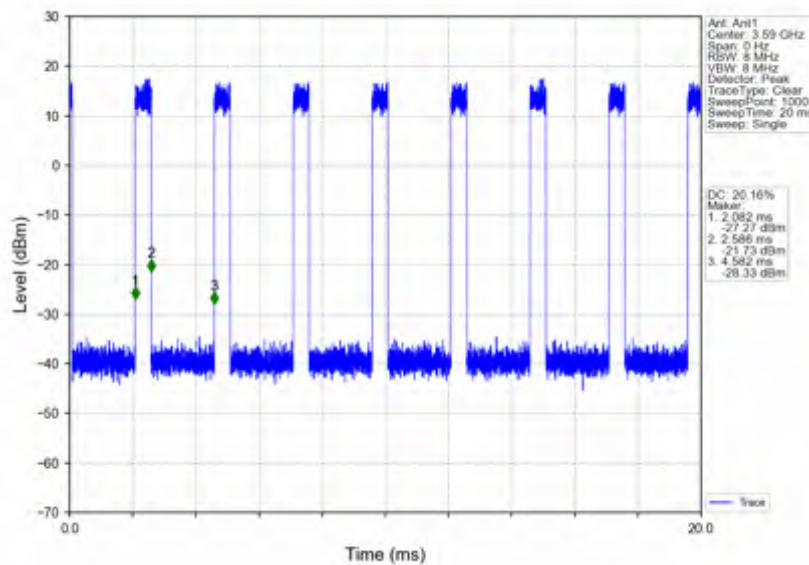
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_16\_QAM\_3590.01MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_16\_QAM\_3590.01MHz\_Inner\_Full



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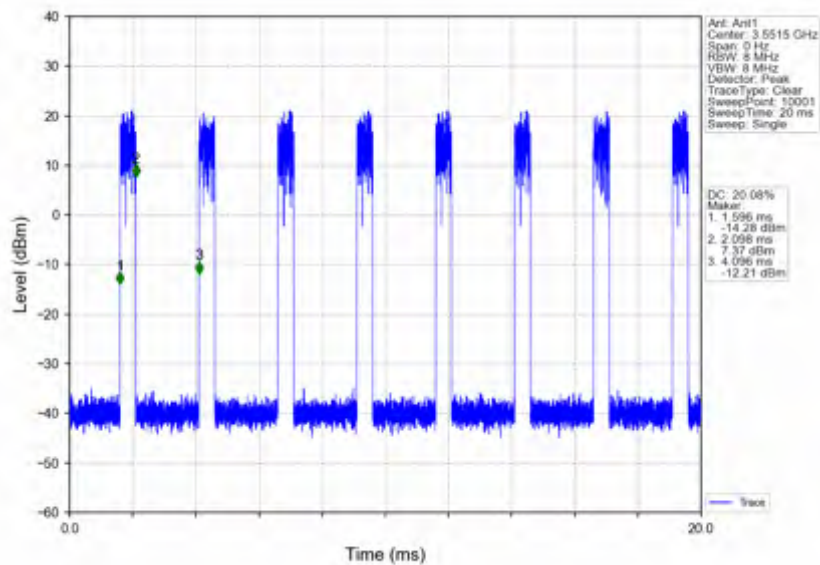
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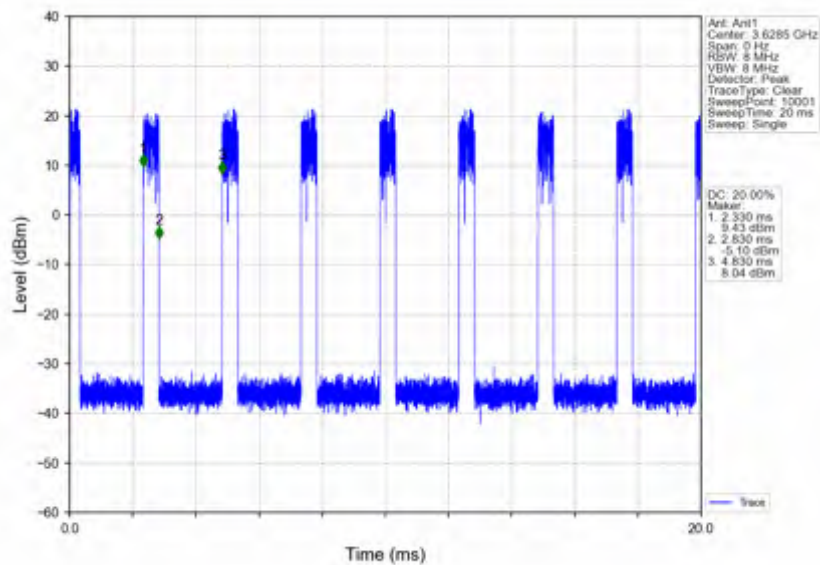
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_16\_QAM\_3590.01MHz\_Inner\_1RB\_Left



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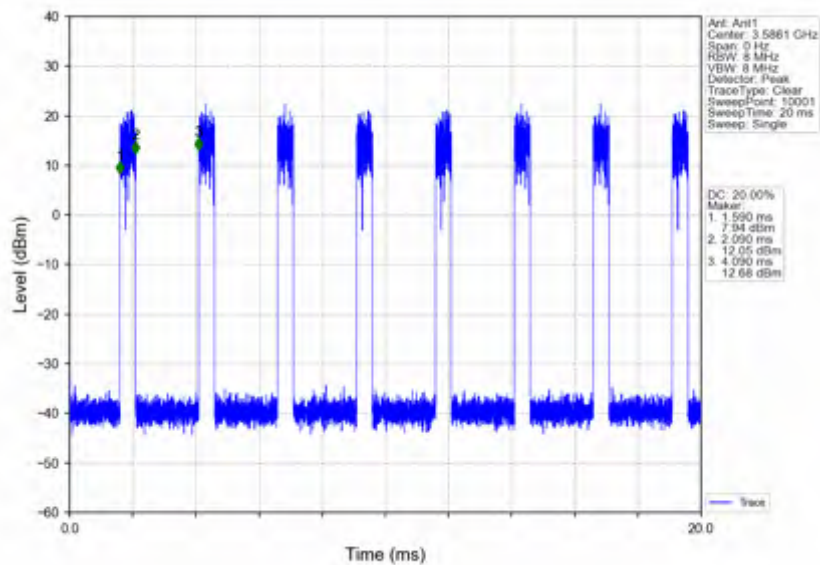


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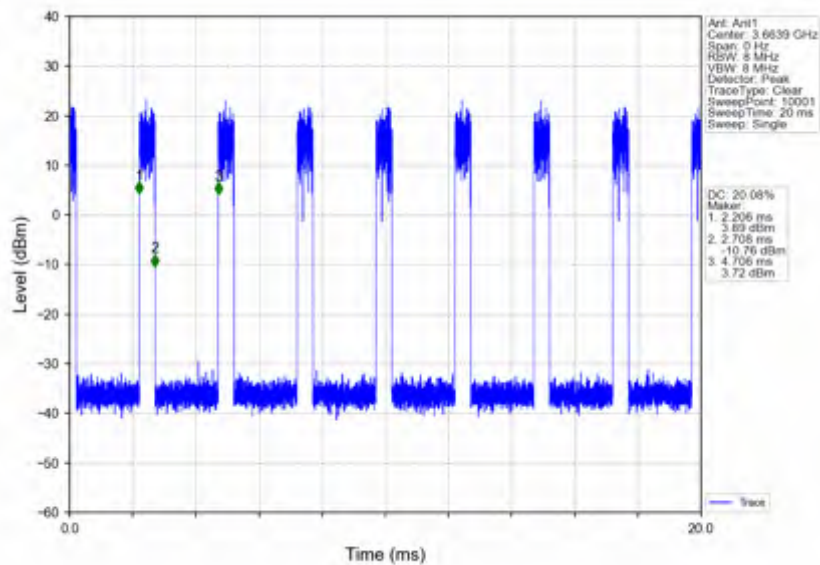
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_16\_QAM\_3624.99MHz\_Edge\_1RB\_Left



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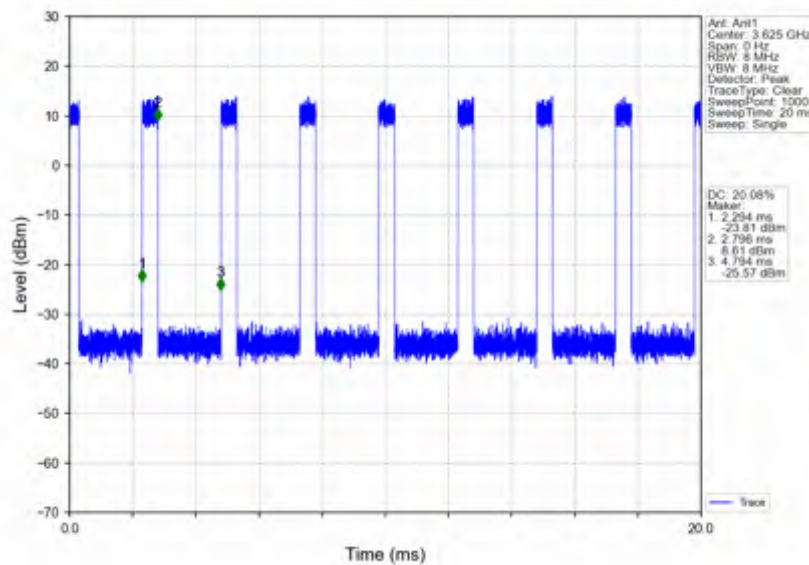


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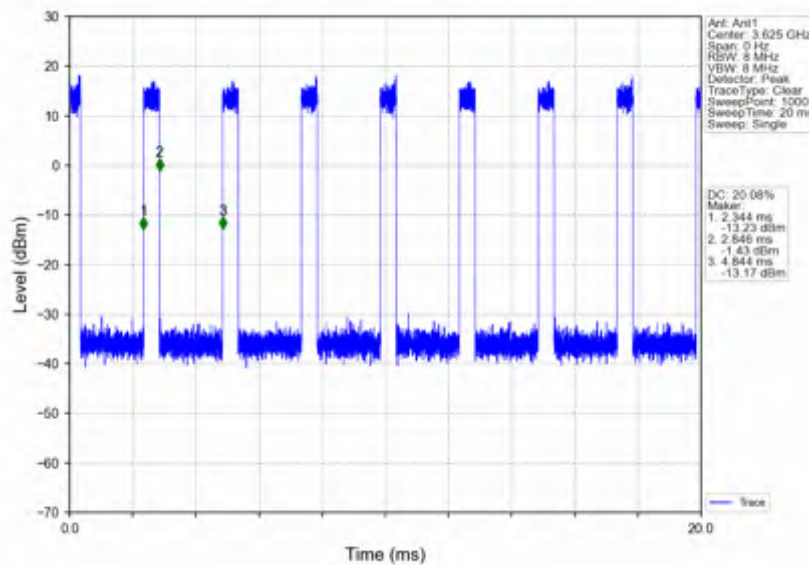
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 16 QAM 3624.99MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 16 QAM 3624.99MHz\_Inner\_Full

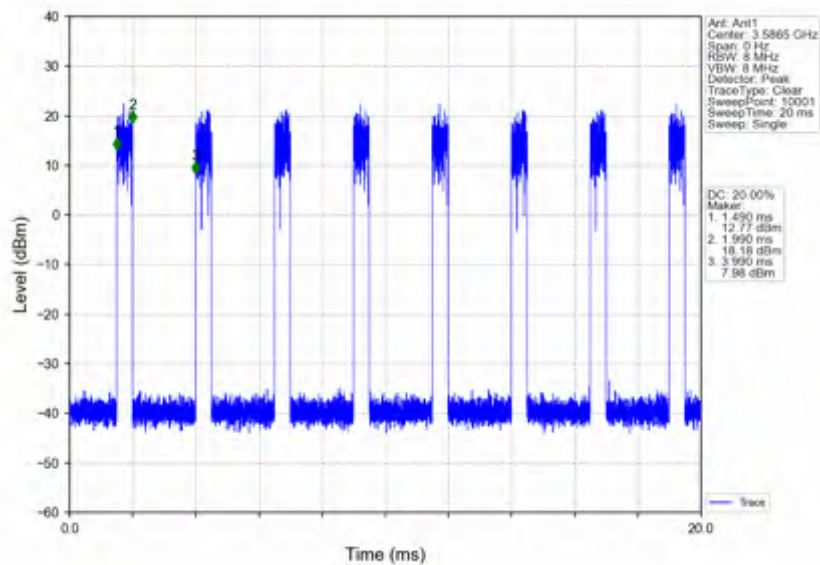


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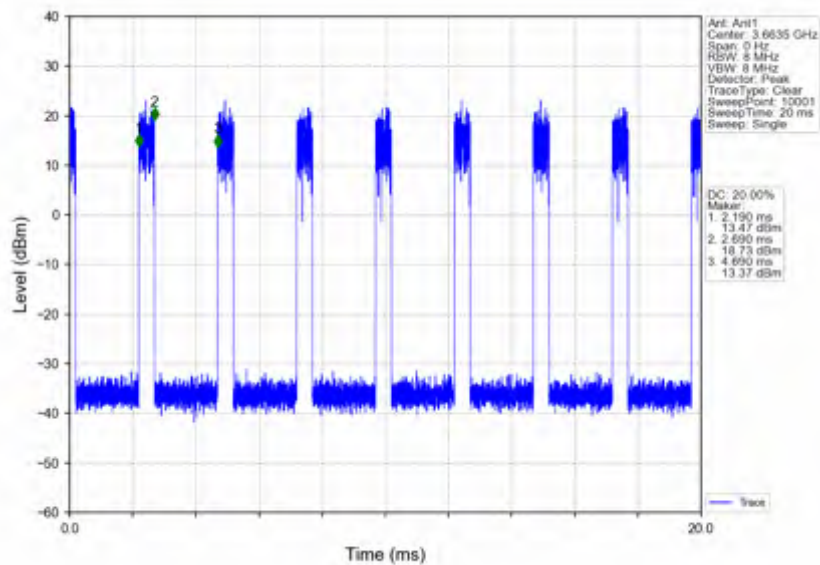
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n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_16\_QAM\_3624.99MHz\_Inner\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_16\_QAM\_3624.99MHz\_Inner\_1RB\_Right



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