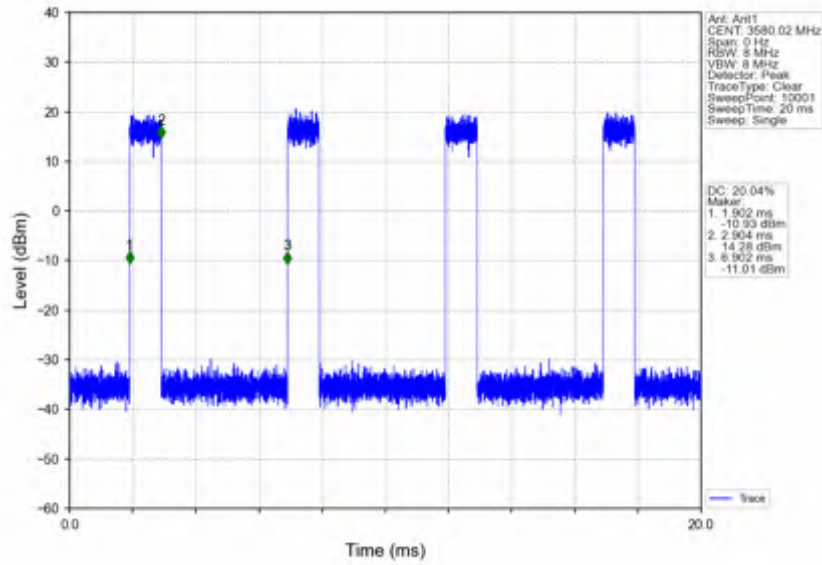
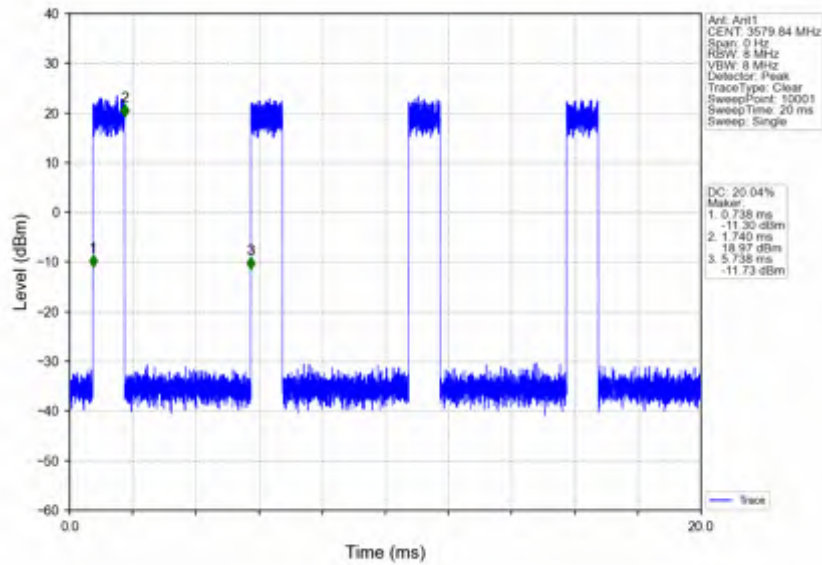


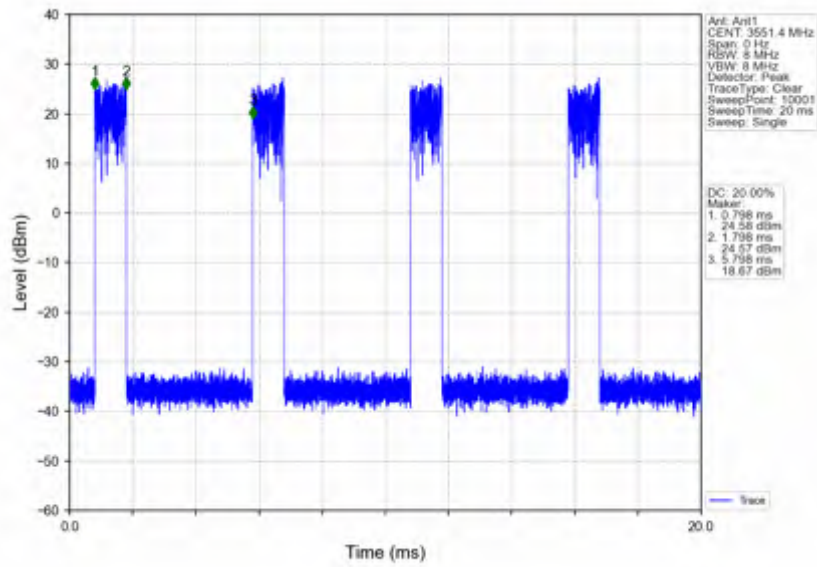
n78(3550-3700MHz)\_30kHz\_SISO\_NTV\_60MHz\_CP-OFDM 256 QAM\_3580.02MHz\_Outer\_Full



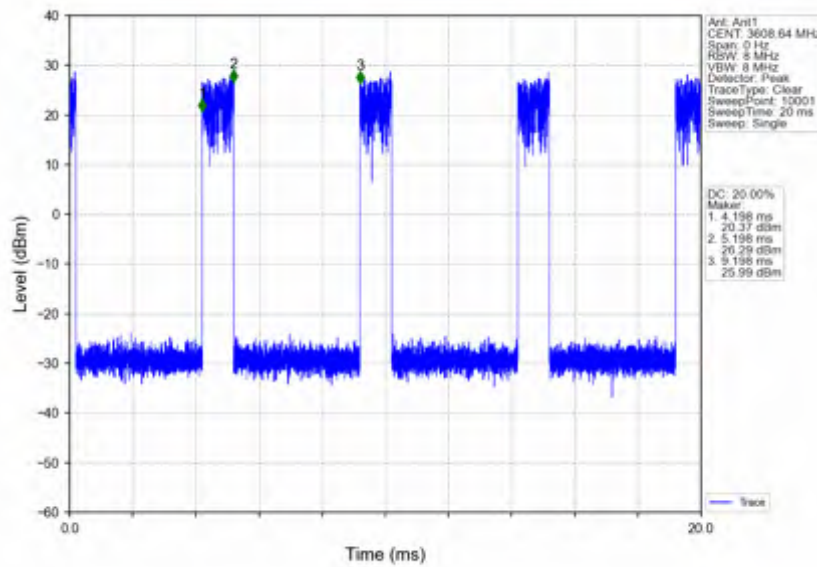
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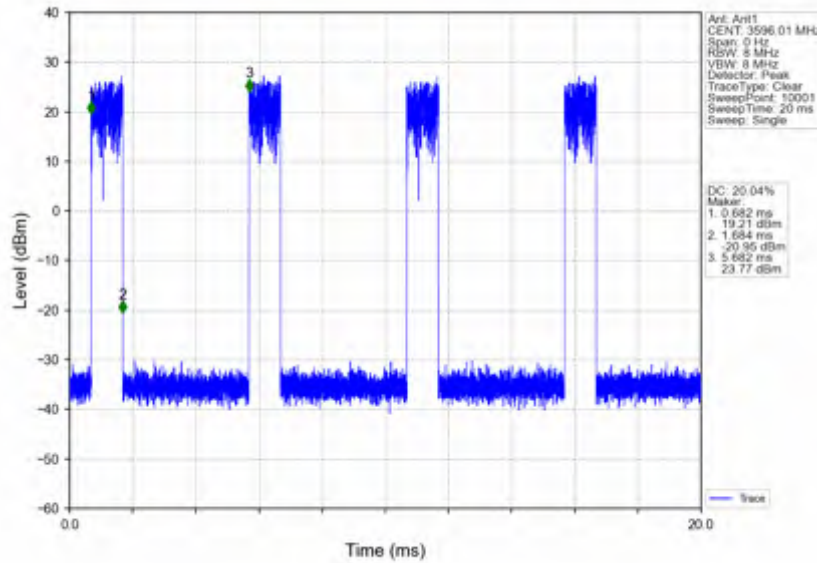
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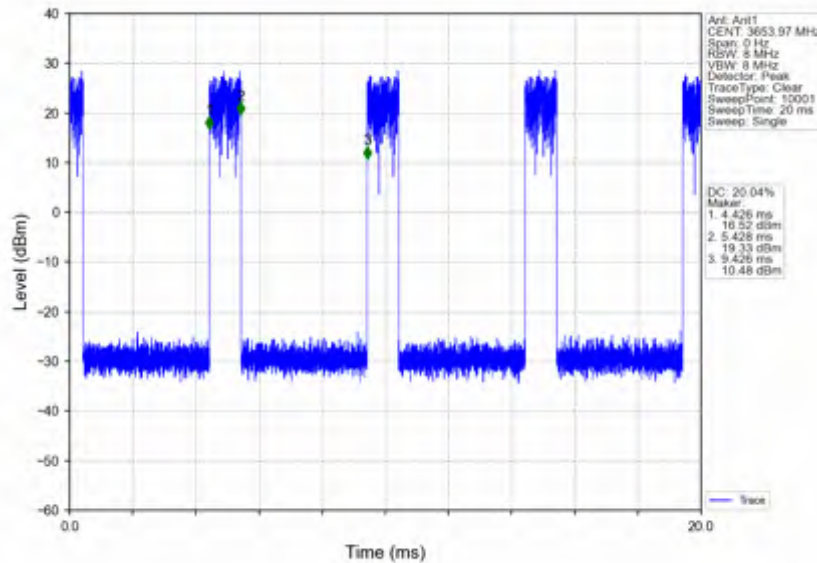
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 256 QAM\_3580.02MHz\_Inner\_1RB\_Right



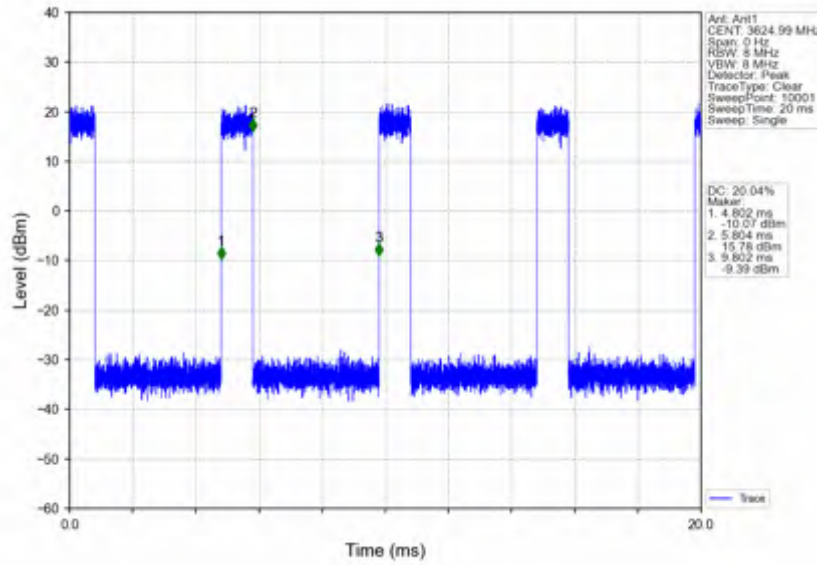
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 256 QAM\_3624.99MHz\_Edge\_1RB\_Left



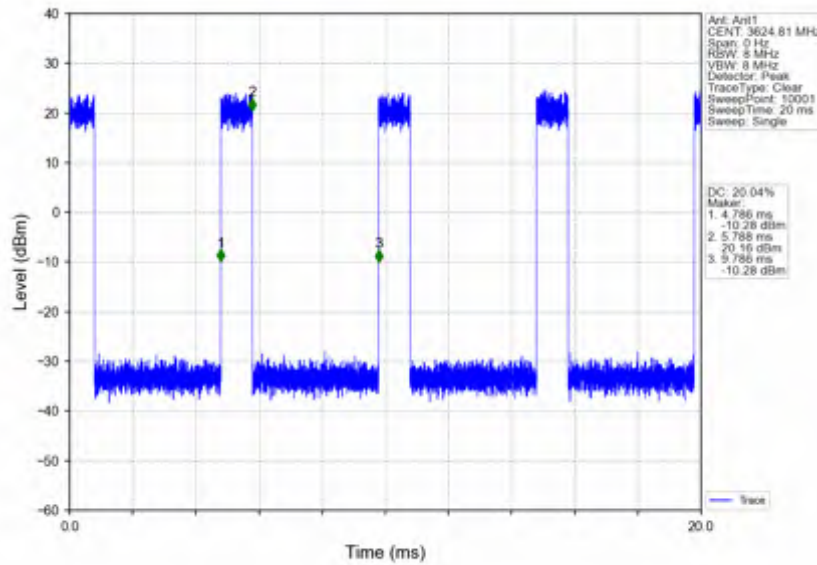
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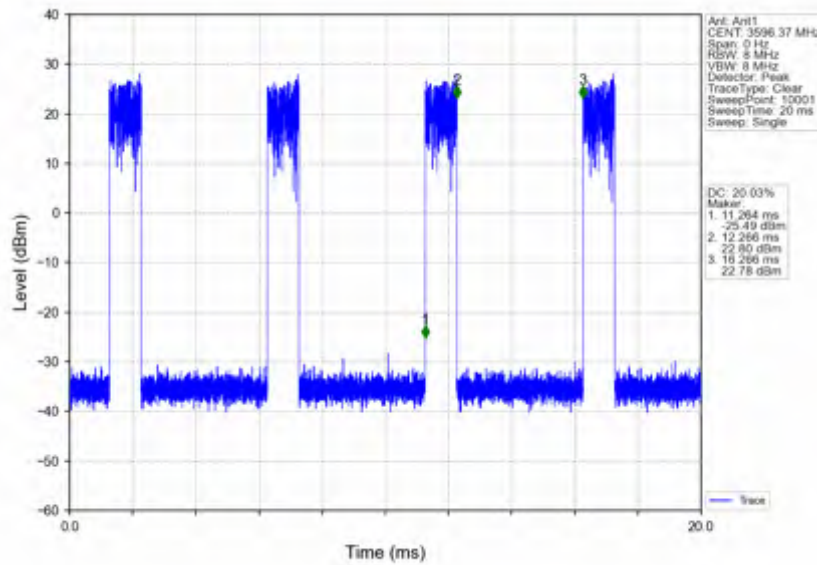
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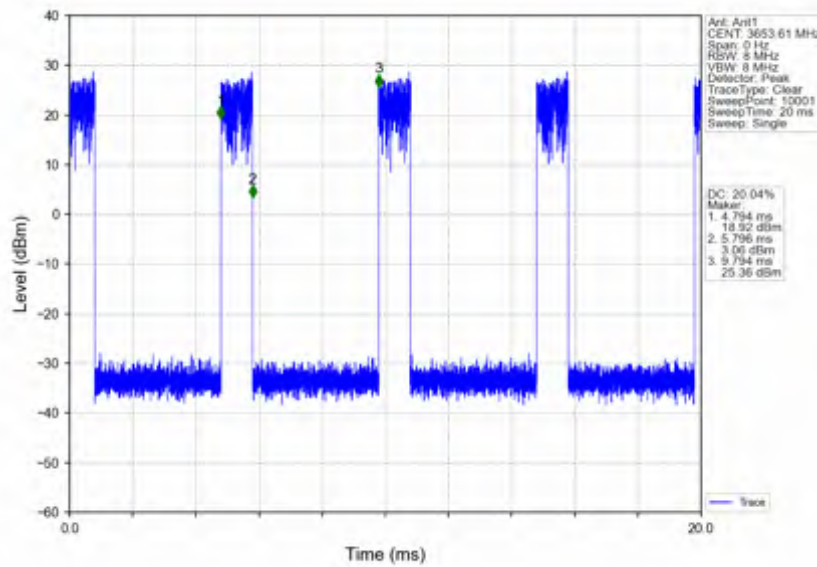
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 256 QAM\_3624.99MHz\_Inner\_Full



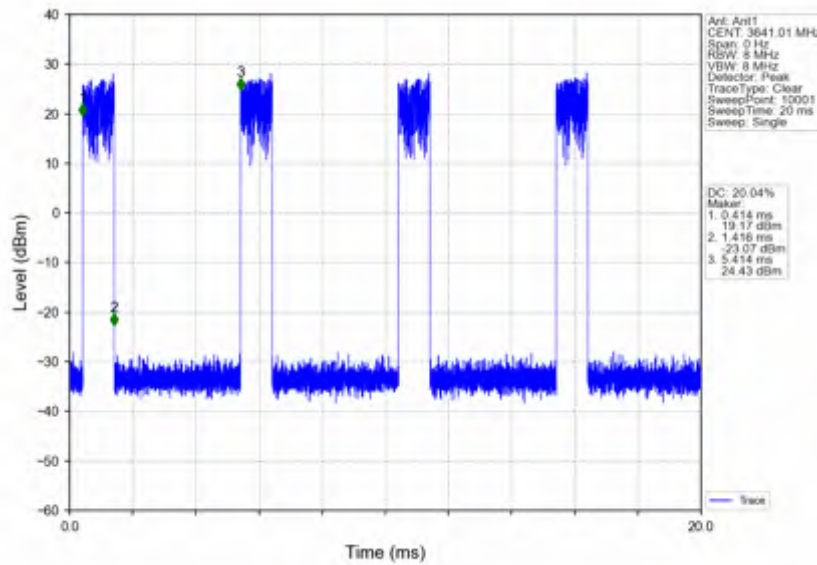
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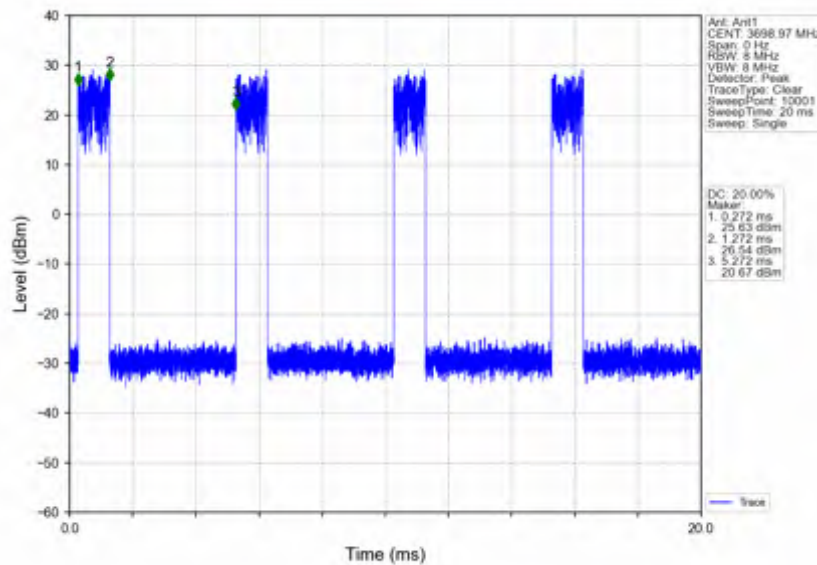
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 256 QAM\_3624.99MHz\_Inner\_1RB\_Right



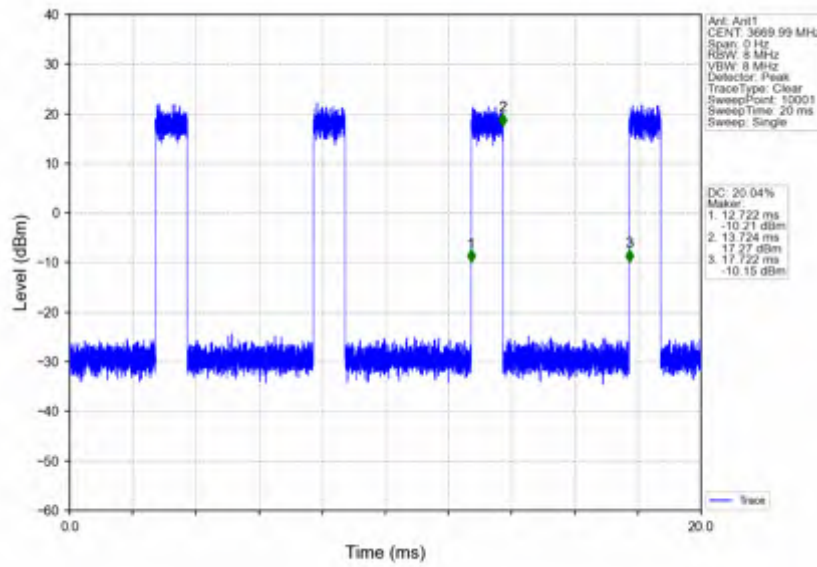
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 256 QAM\_3669.99MHz\_Edge\_1RB\_Left



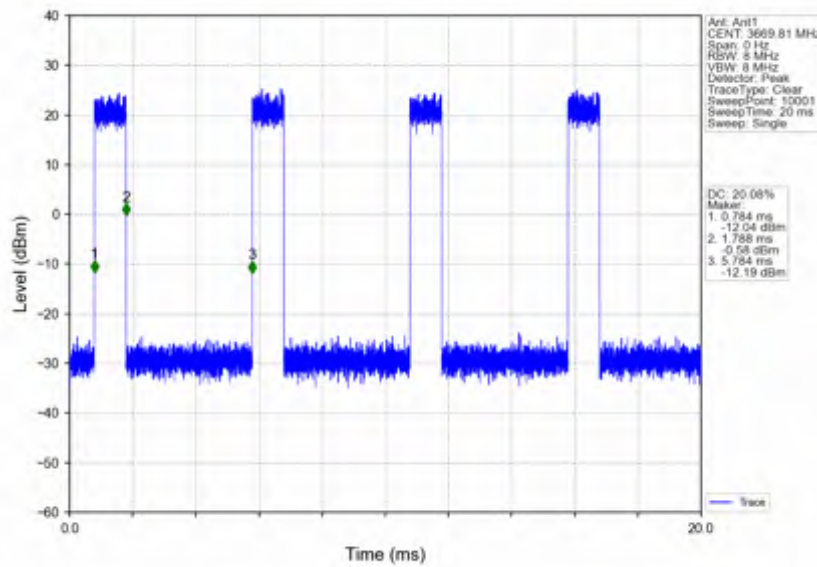
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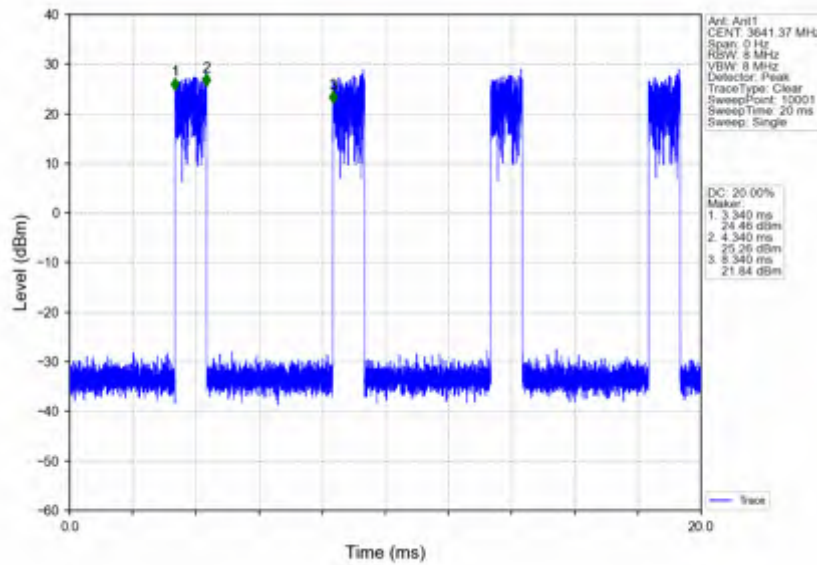
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256 QAM\_3669.99MHz\_Outer\_Full



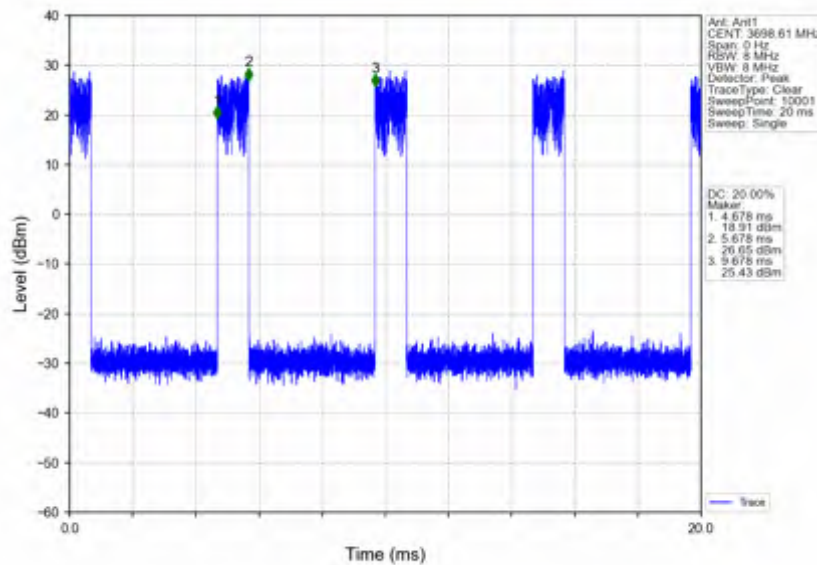
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_256 QAM\_3669.99MHz\_Inner\_Full



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 256 QAM\_3669.99MHz\_Inner\_1RB\_Left



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM 256 QAM\_3669.99MHz\_Inner\_1RB\_Right





1.6 30k\_SISO\_70MHz\_NTNV

1.6.1 Test Result

5G NR n78(3550-3700MHz) SCS=30kHz SISO 70MHz NTV							
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	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	4.998	20.05	6.98	0.03
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3664.98	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
DFT-s-OFDM QPSK	3585	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3664.98	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.04
DFT-s-OFDM 16 QAM	3585	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.04
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.04

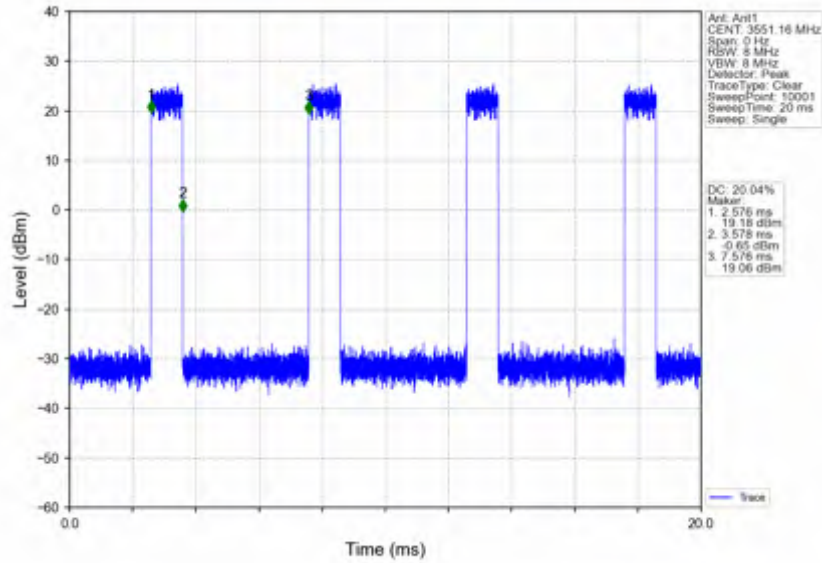
	3664.98	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM 64 QAM	3585	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.004	5.000	20.08	6.97	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
	3624.99	Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.004	5.000	20.08	6.97	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
	3664.98	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
DFT-s-OFDM 256 QAM	3585	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
	3624.99	Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
	3664.98	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
CP-OFDM QPSK	3585	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
	3624.99	Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
	3664.98	Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	4.998	20.05	6.98	0.03

CP-OFDM 16 QAM	3585	Inner_Full	1.002	5.000	20.04	6.98	0.00		
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00		
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00		
	3624.99	3585	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00	
			Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00	
			Outer_Full	1.002	5.000	20.04	6.98	0.00	
		3664.98	3585	Inner_Full	1.002	5.000	20.04	6.98	0.00
				Inner_1RB_Left	1.000	4.998	20.01	6.99	0.03
				Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
3624.99			3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
				Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
				Outer_Full	1.002	5.000	20.04	6.98	0.00
	3664.98		3624.99	Inner_Full	1.002	5.000	20.04	6.98	0.00
				Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
				Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
		3664.98	3664.98	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
				Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
				Outer_Full	1.004	5.000	20.08	6.97	0.00
3624.99			3664.98	Inner_Full	1.004	5.000	20.08	6.97	0.00
				Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
				Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3624.99		3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
				Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
				Outer_Full	1.002	5.000	20.04	6.98	0.00
		3664.98	3624.99	Inner_Full	1.002	5.000	20.04	6.98	0.00
				Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
				Inner_1RB_Right	1.000	4.998	20.01	6.99	0.03
3664.98			3664.98	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
				Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
				Outer_Full	1.002	5.000	20.04	6.98	0.00
	3624.99		3664.98	Inner_Full	1.004	5.000	20.08	6.97	0.00
				Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
				Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		3624.99	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
				Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
				Outer_Full	1.002	5.000	20.04	6.98	0.00
3664.98			3624.99	Inner_Full	1.002	5.000	20.04	6.98	0.00
				Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
				Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3664.98		3664.98	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
				Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
				Outer_Full	1.002	5.000	20.04	6.98	0.00
		3624.99	3664.98	Inner_Full	1.002	5.000	20.04	6.98	0.00
				Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
				Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00

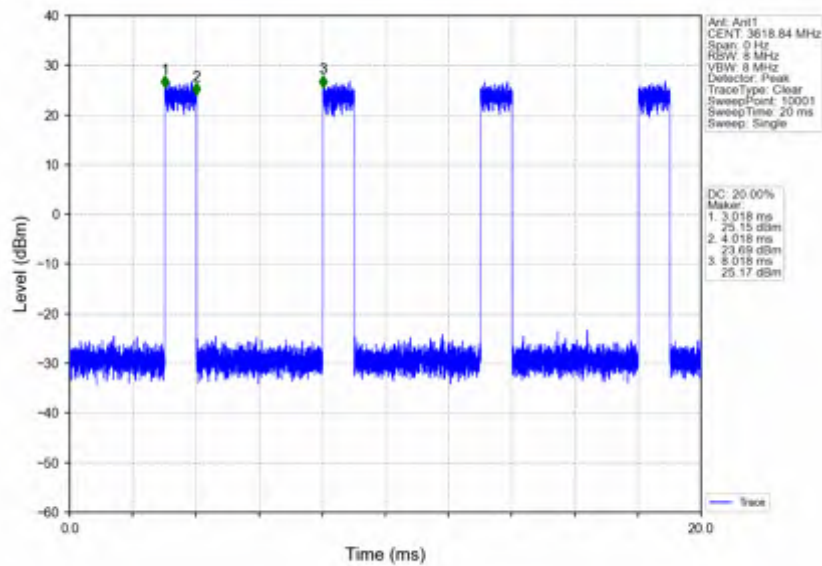


1.6.2 Test Graph

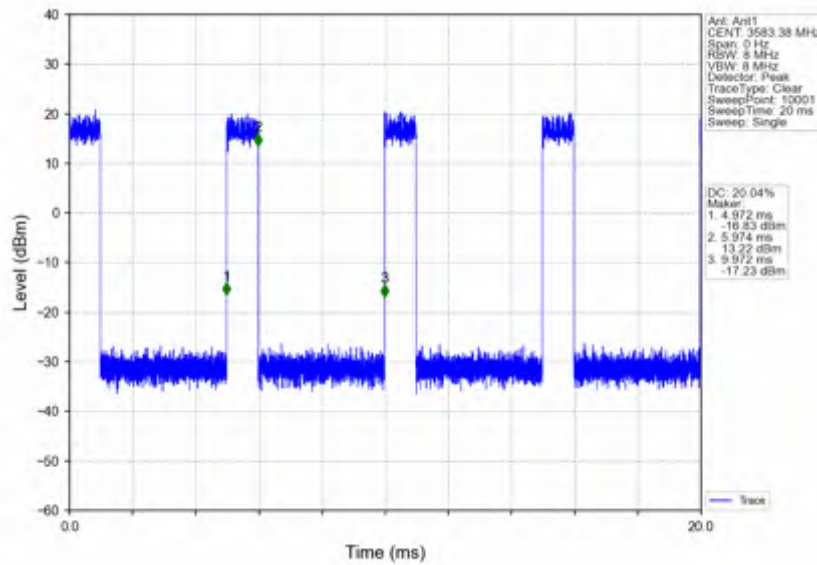
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM PI/2 BPSK\_3585MHz\_Edge\_1RB\_Left



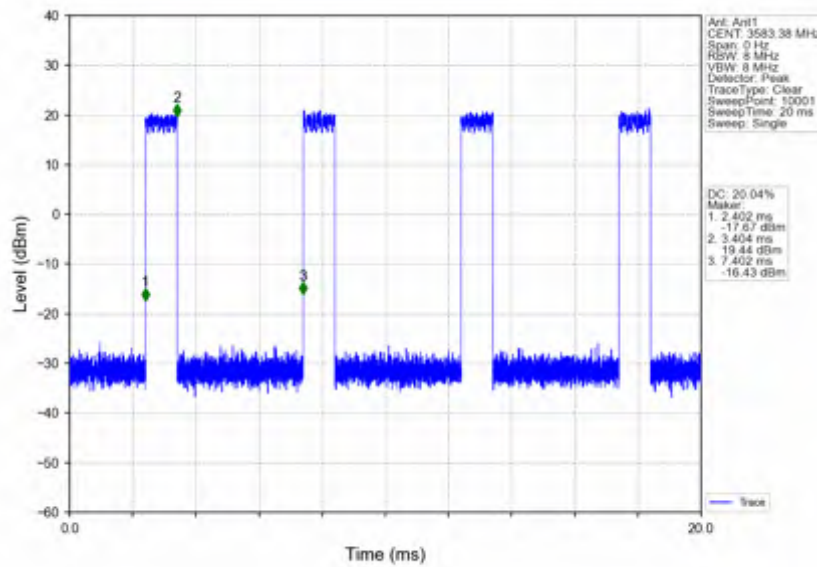
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM PI/2 BPSK\_3585MHz\_Edge\_1RB\_Right



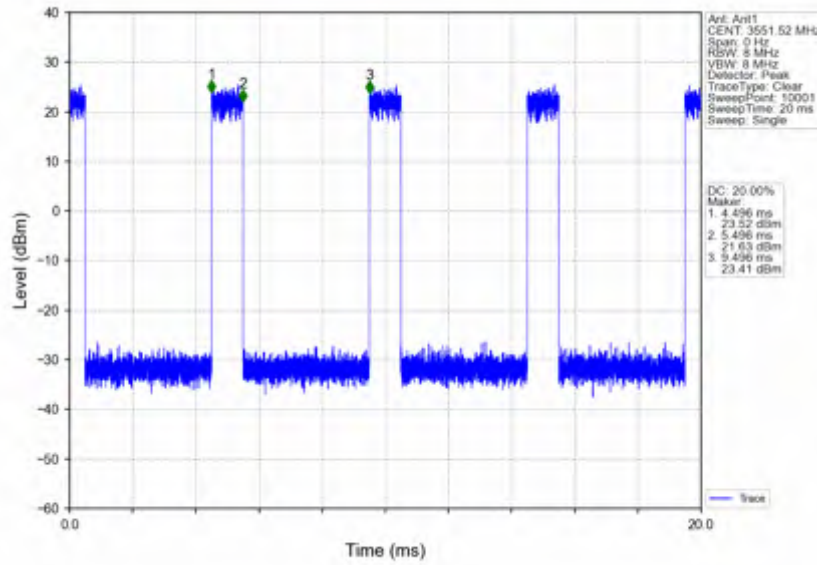
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM PI/2 BPSK\_3585MHz\_Outer\_Full



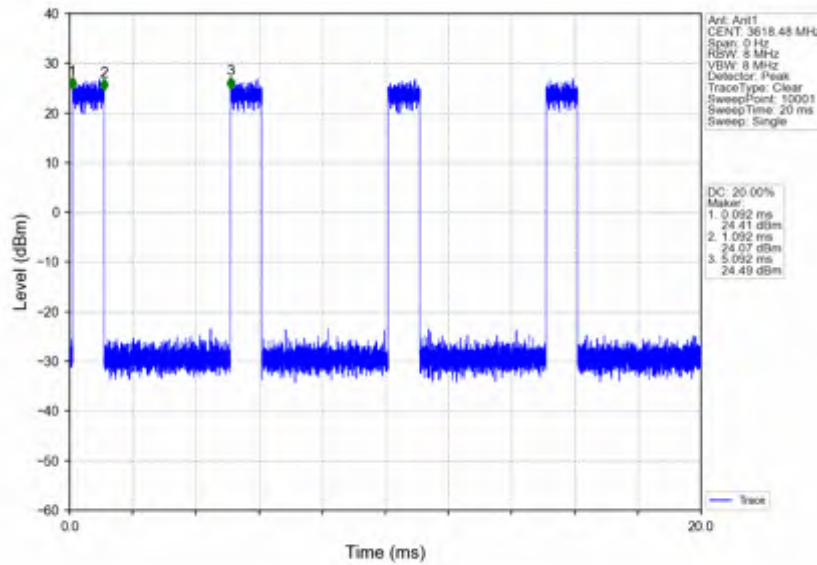
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM PI/2 BPSK\_3585MHz\_Inner\_Full



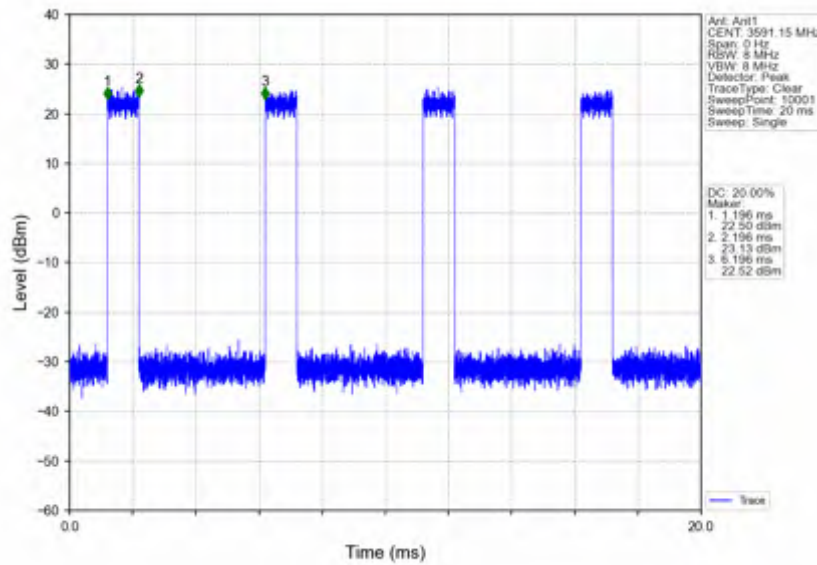
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM PI/2 BPSK\_3585MHz\_Inner\_1RB\_Left



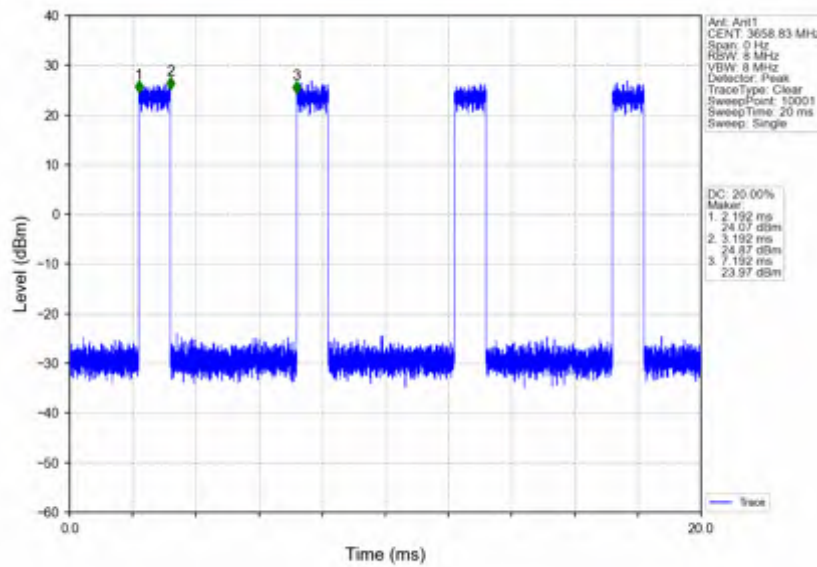
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM PI/2 BPSK\_3585MHz\_Inner\_1RB\_Right



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Edge\_1RB\_Left

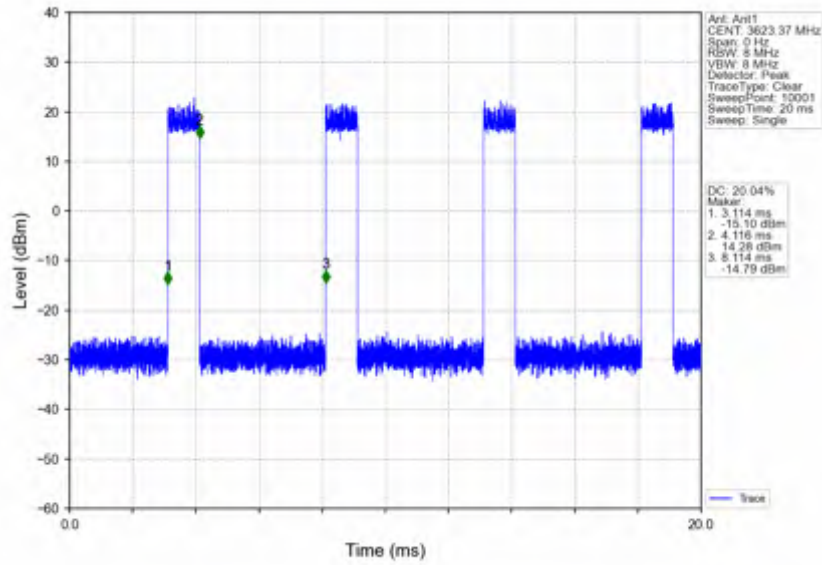


n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Edge\_1RB\_Right

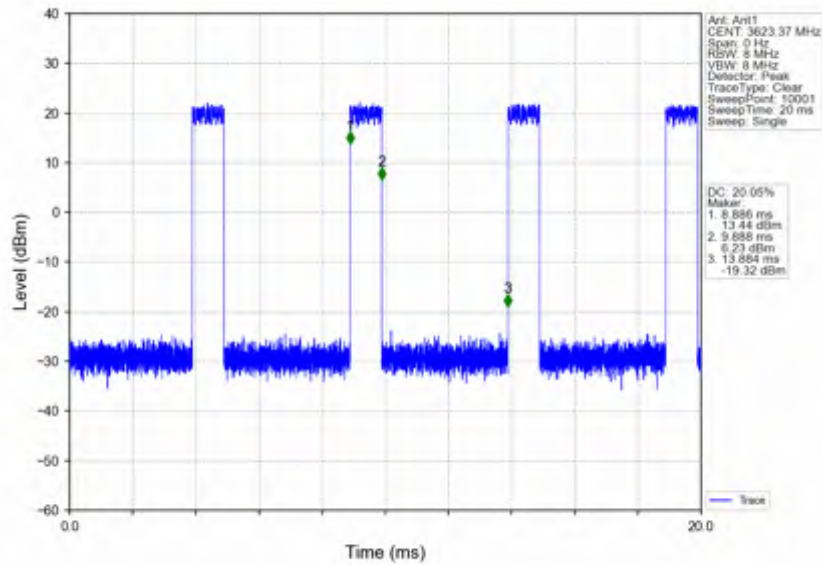




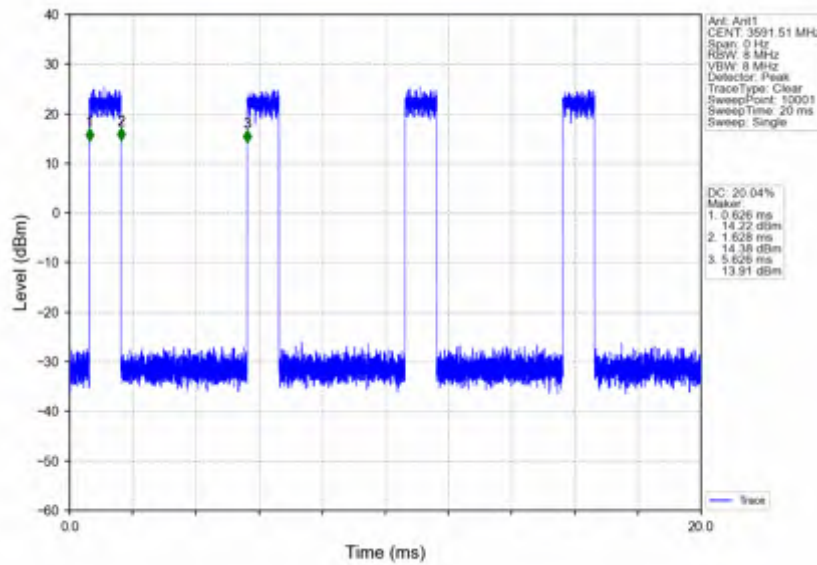
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Outer\_Full



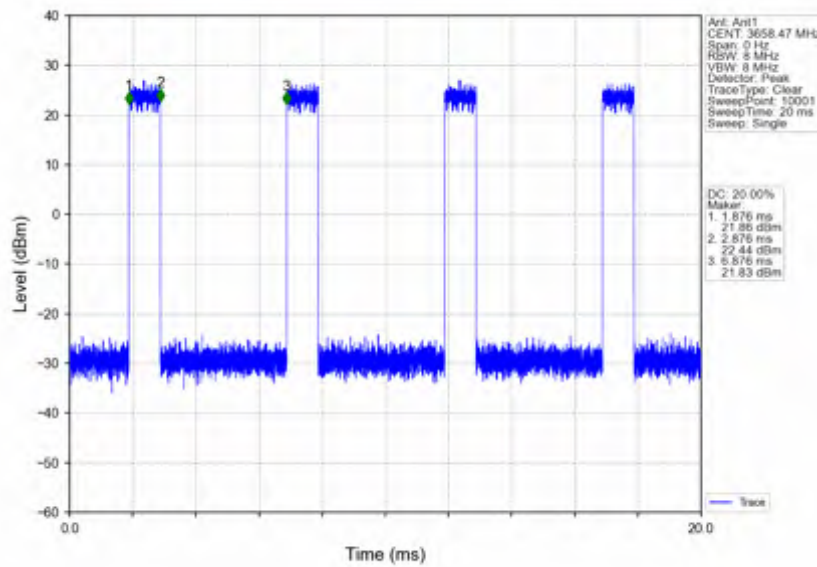
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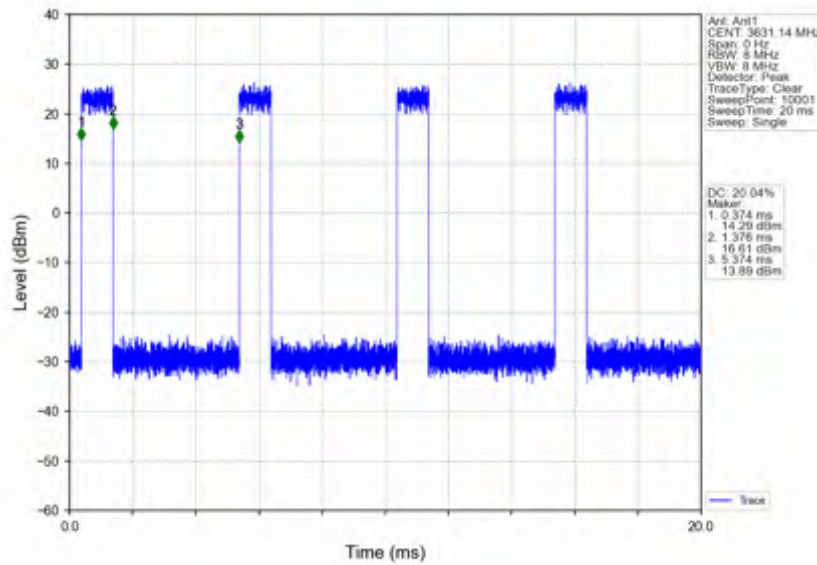
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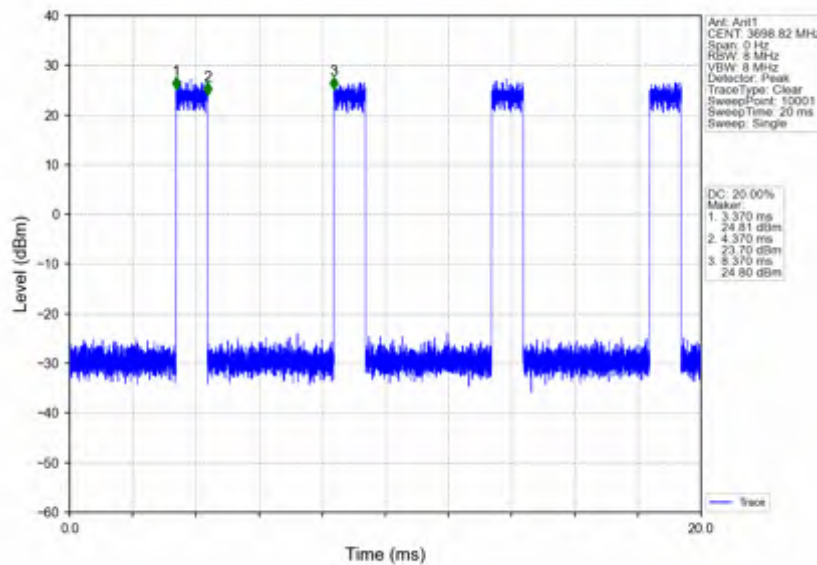
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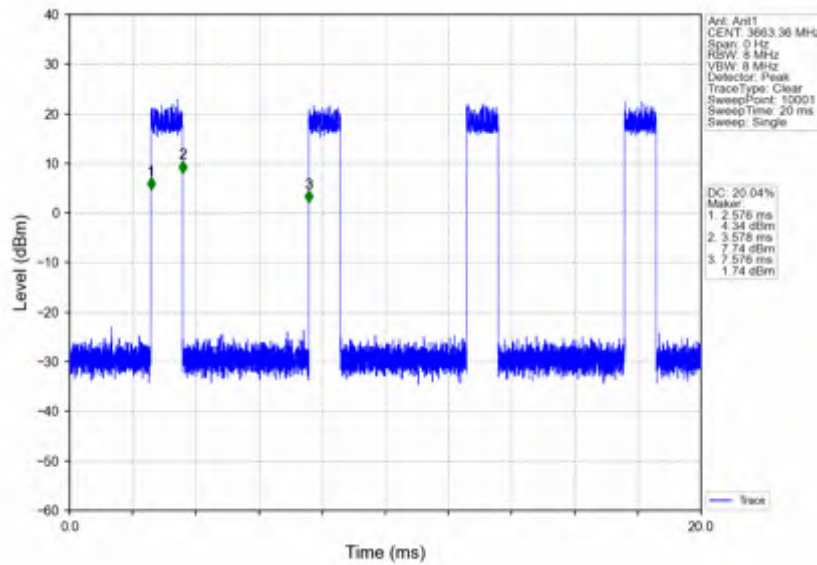
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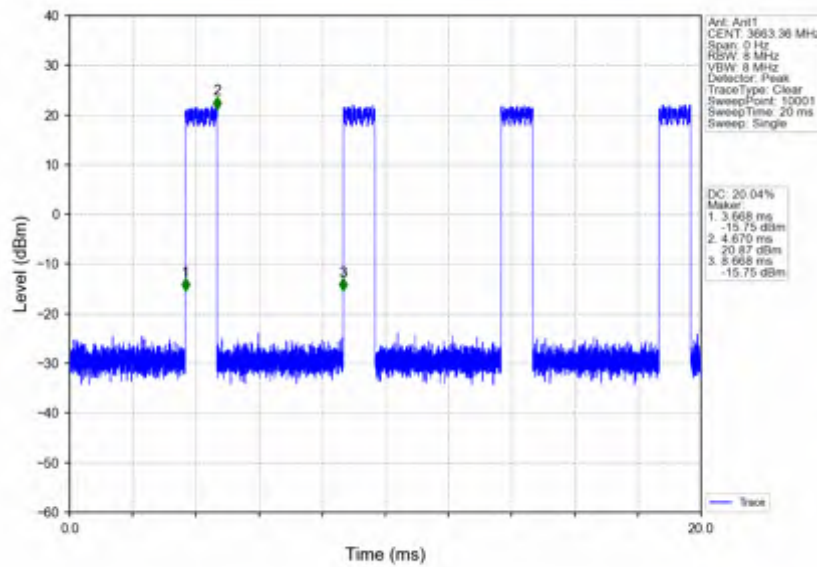
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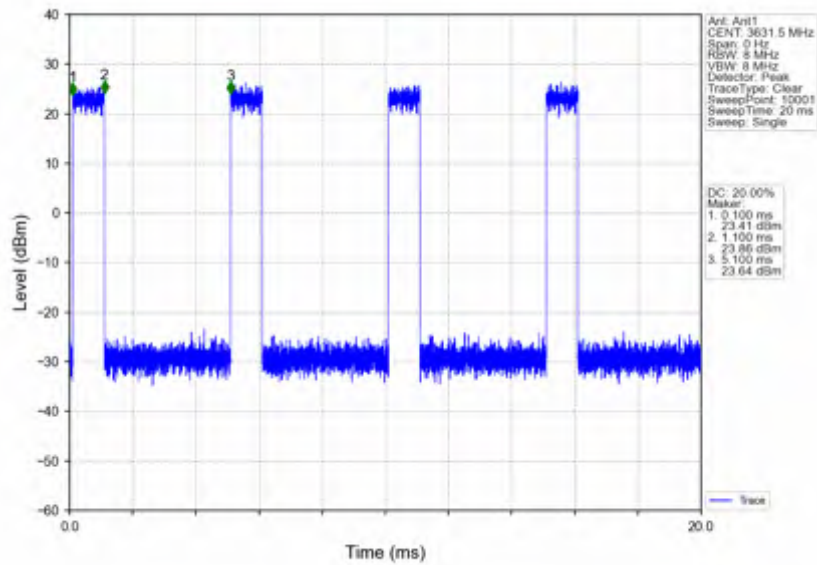
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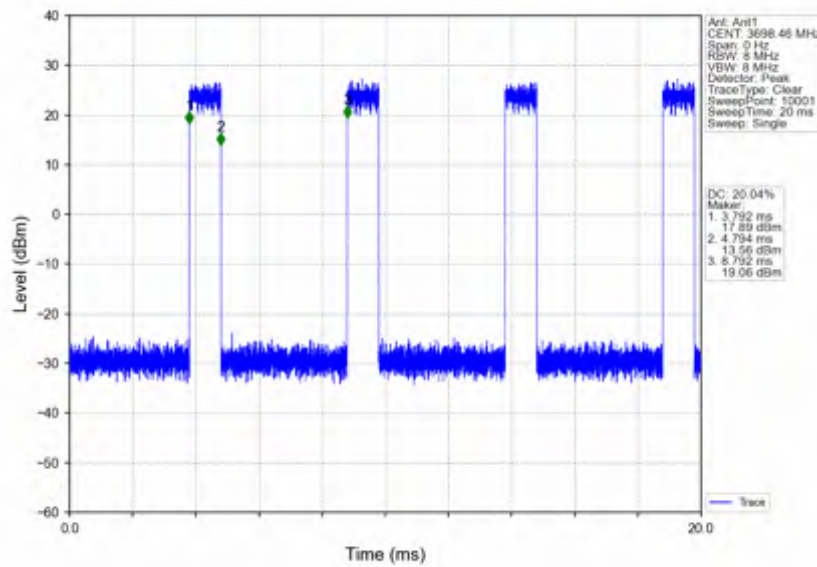
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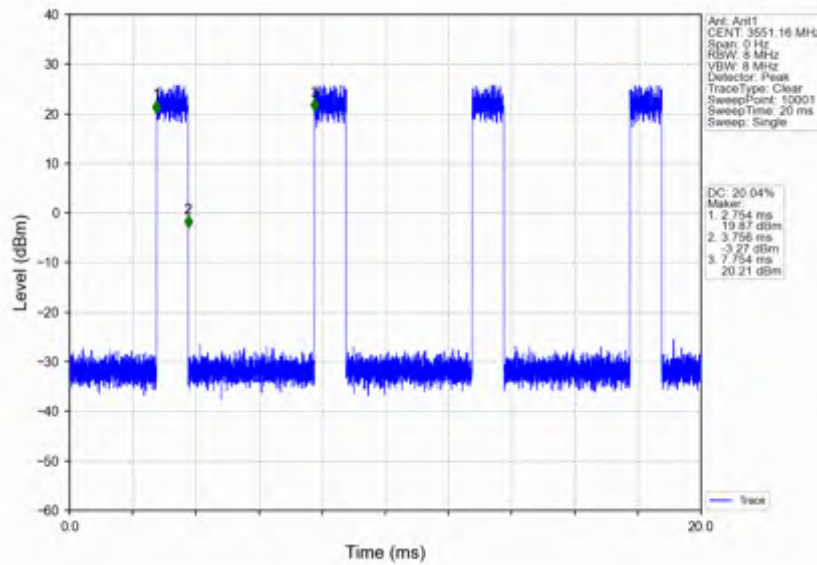
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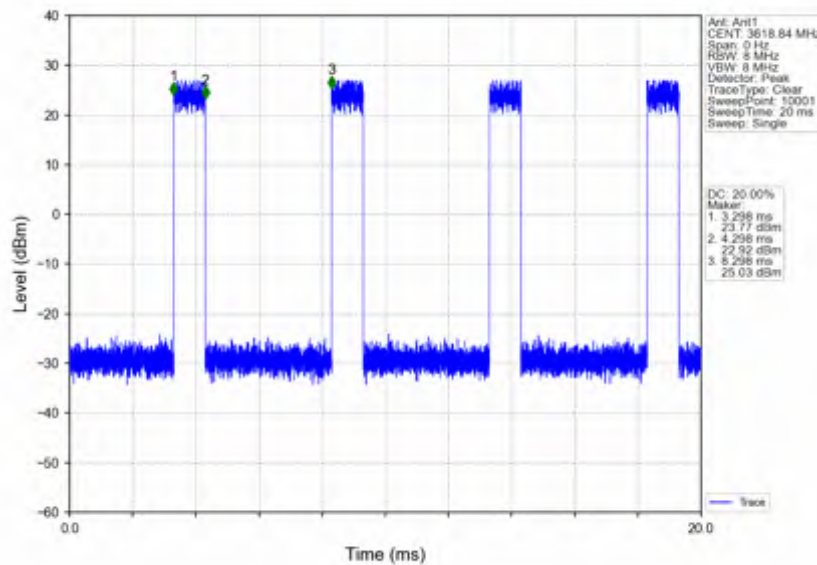
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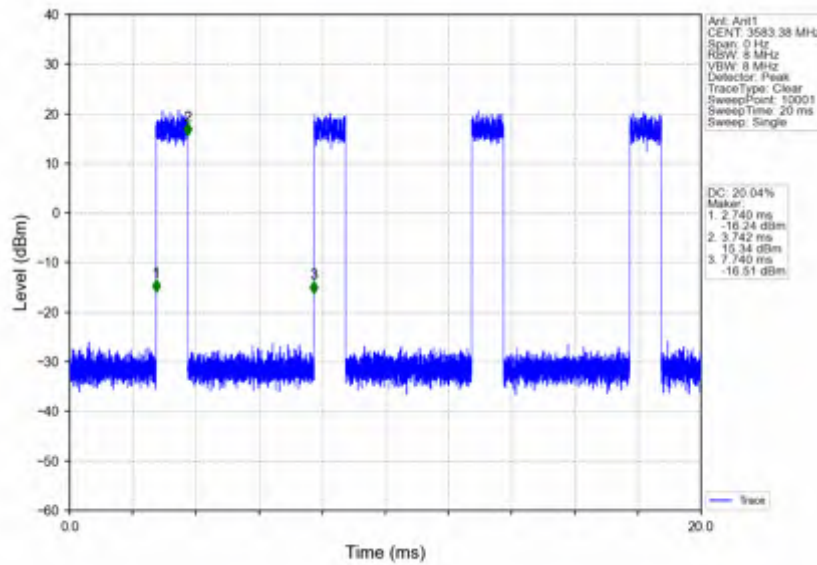
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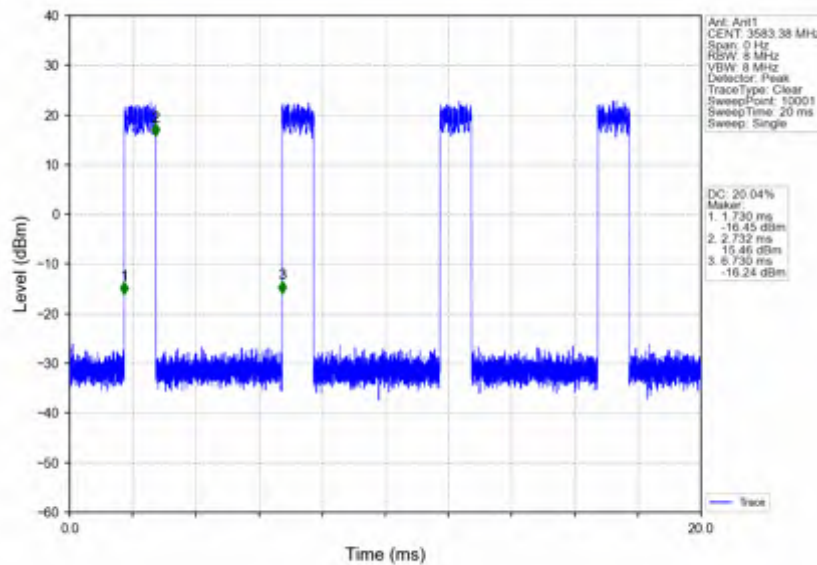
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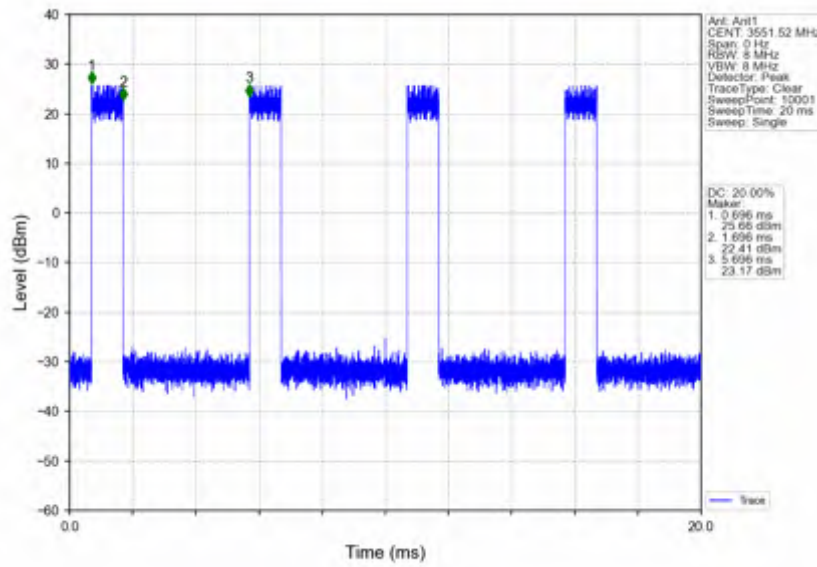
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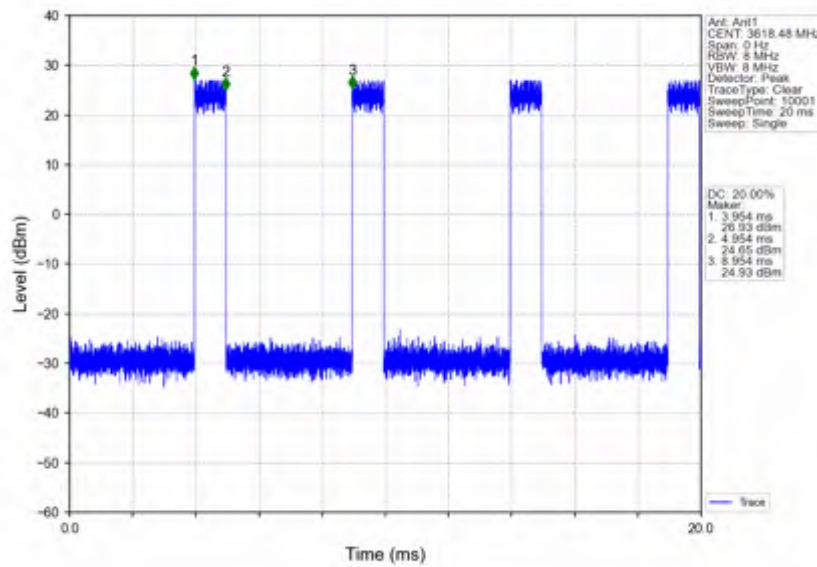
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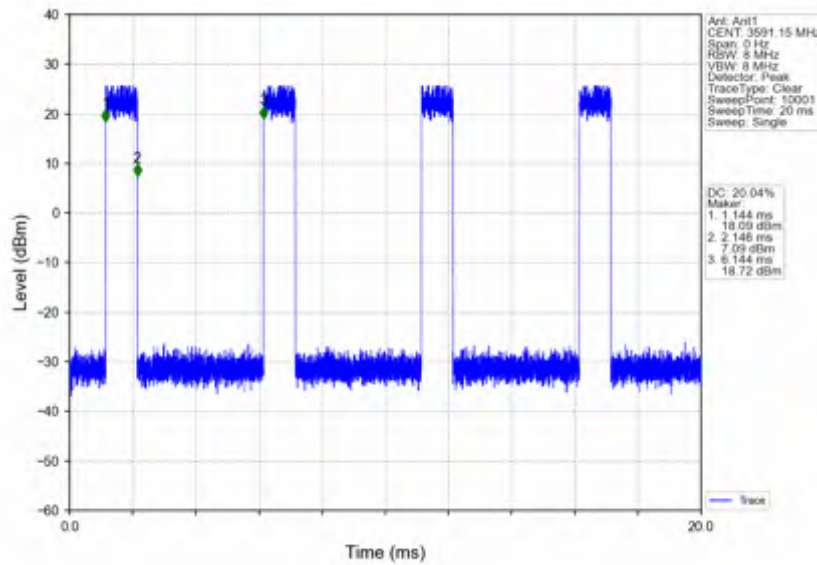


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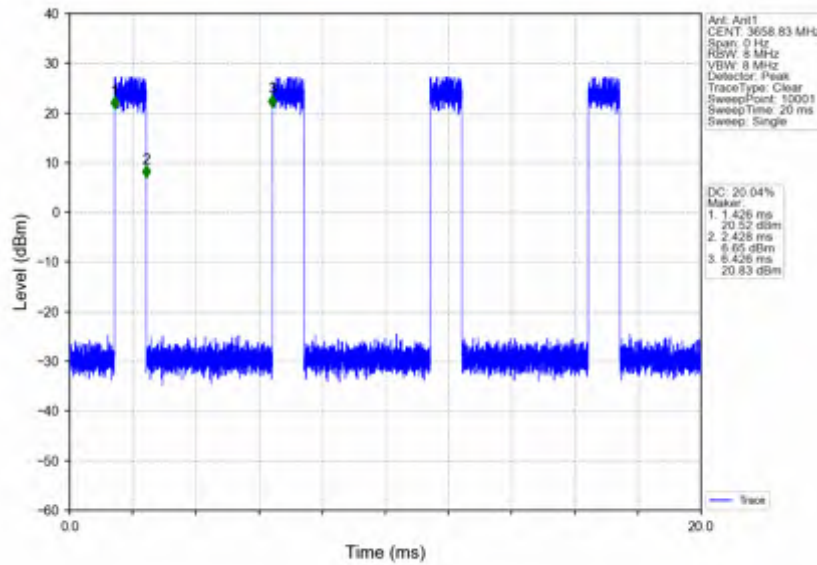




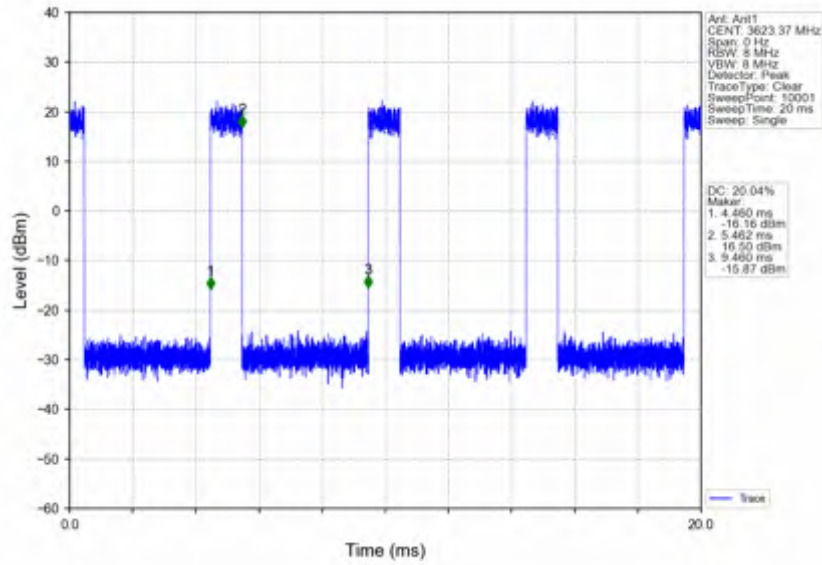
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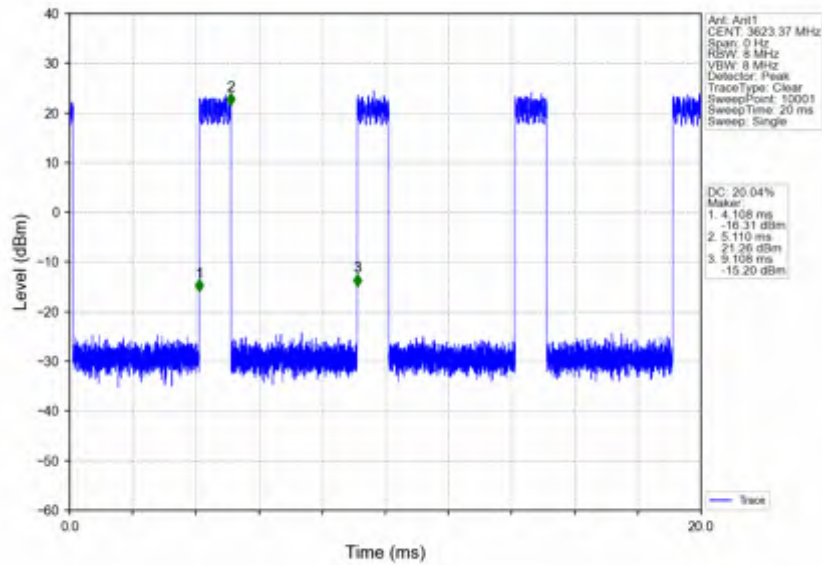
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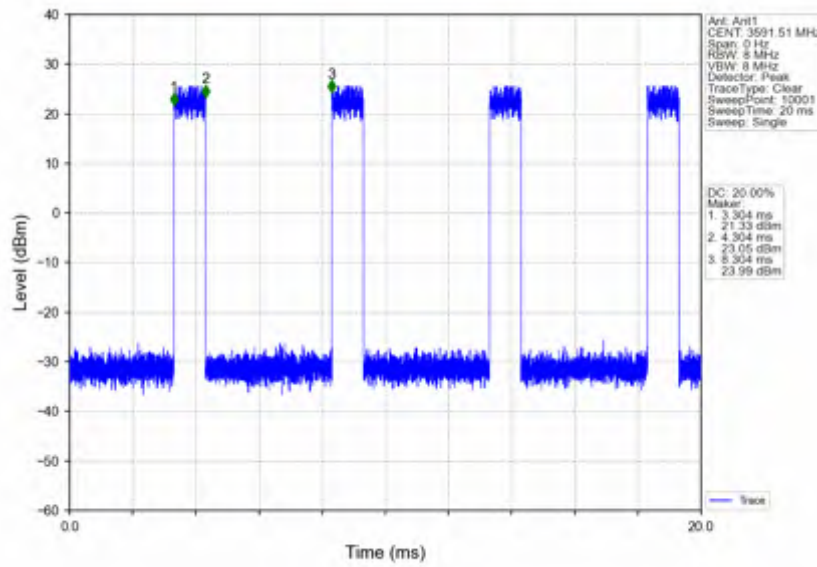
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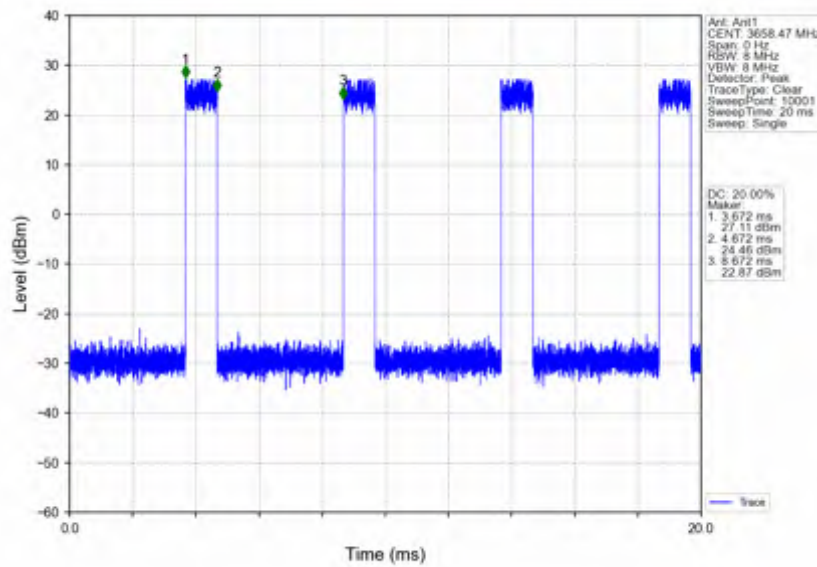
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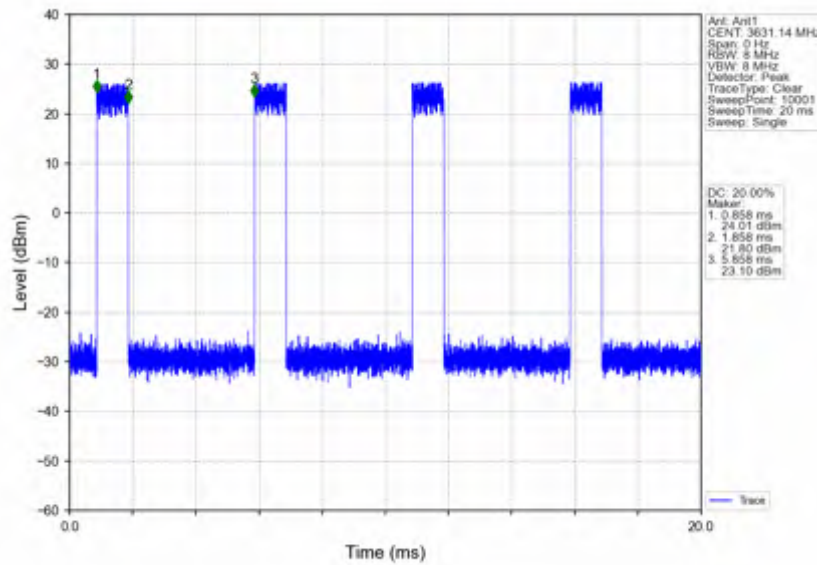
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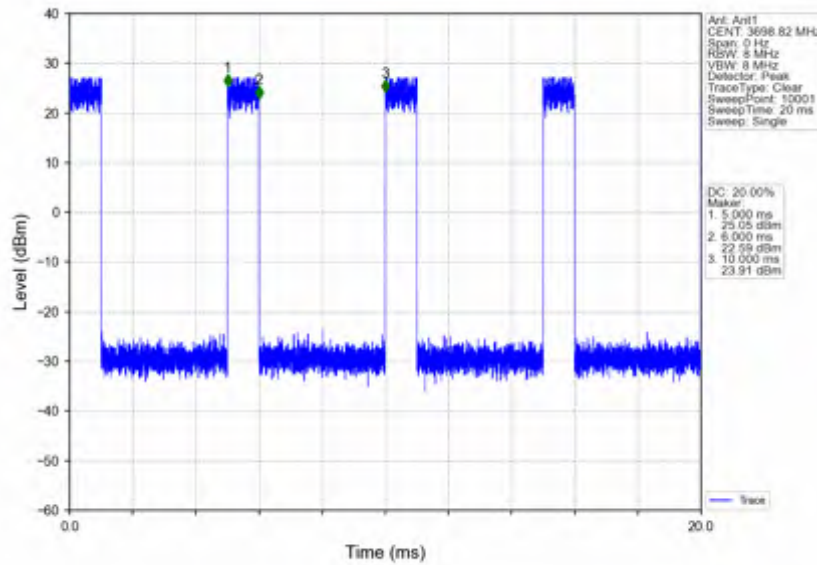
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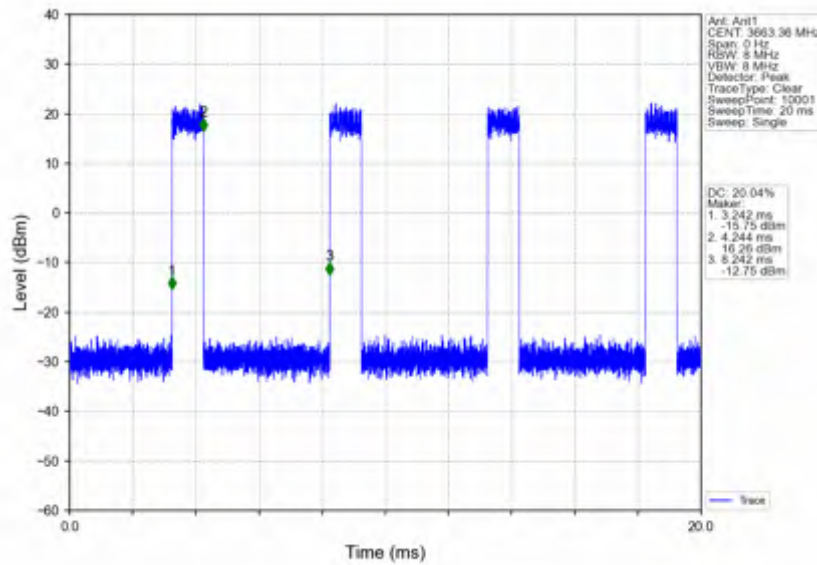
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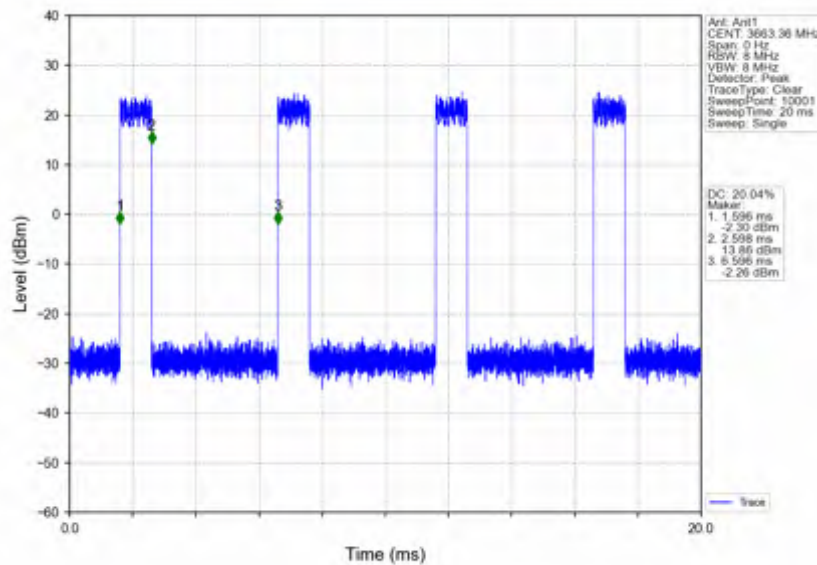
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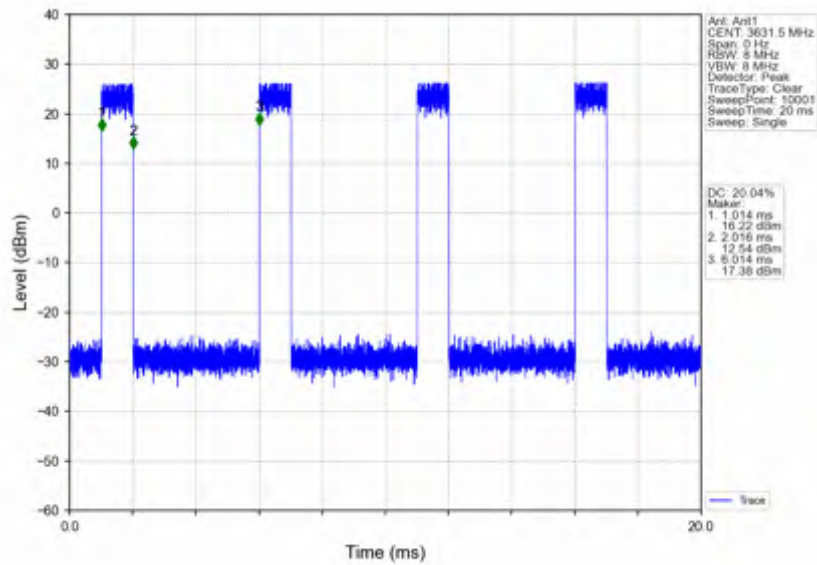
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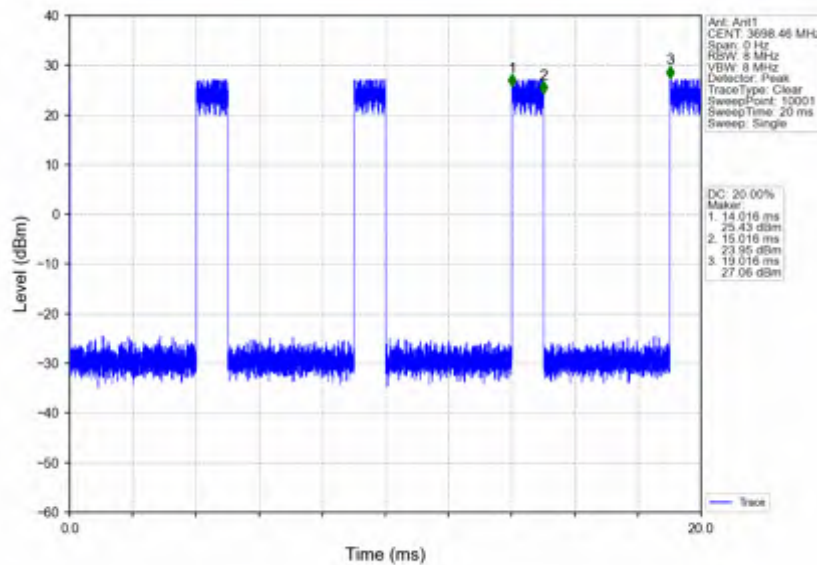
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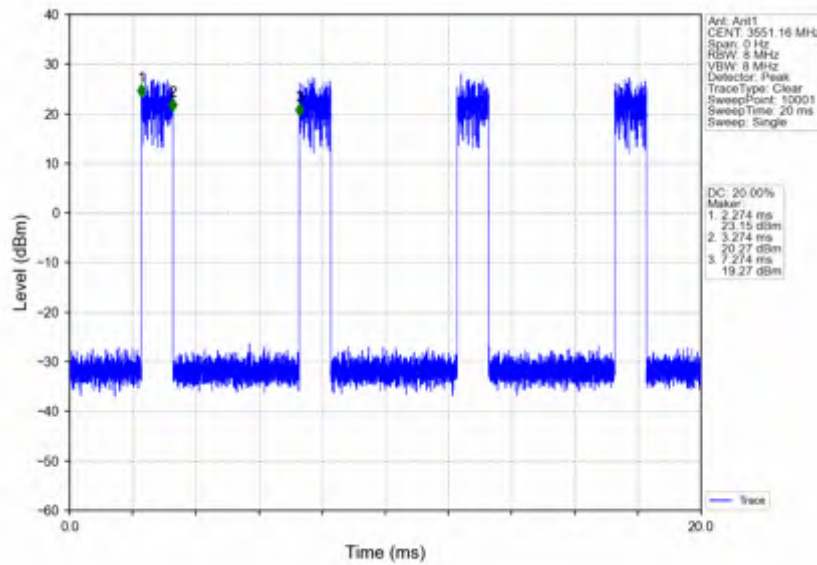
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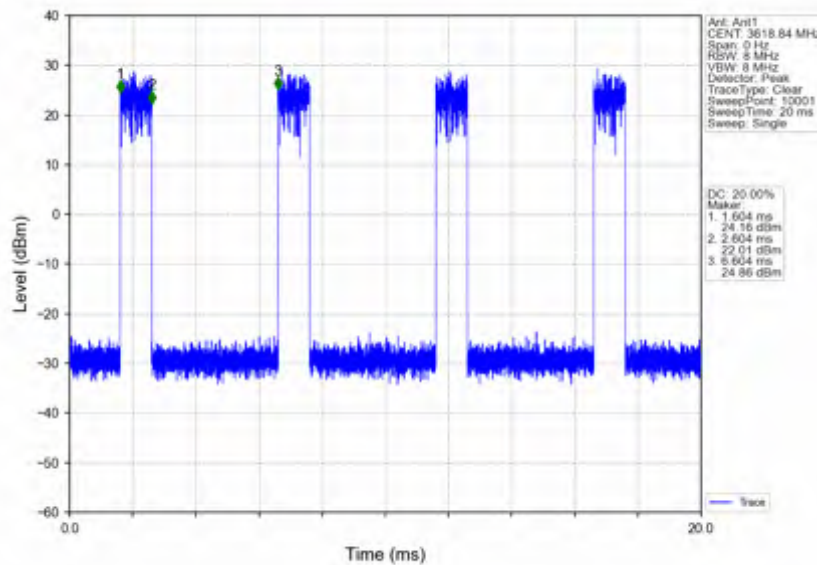
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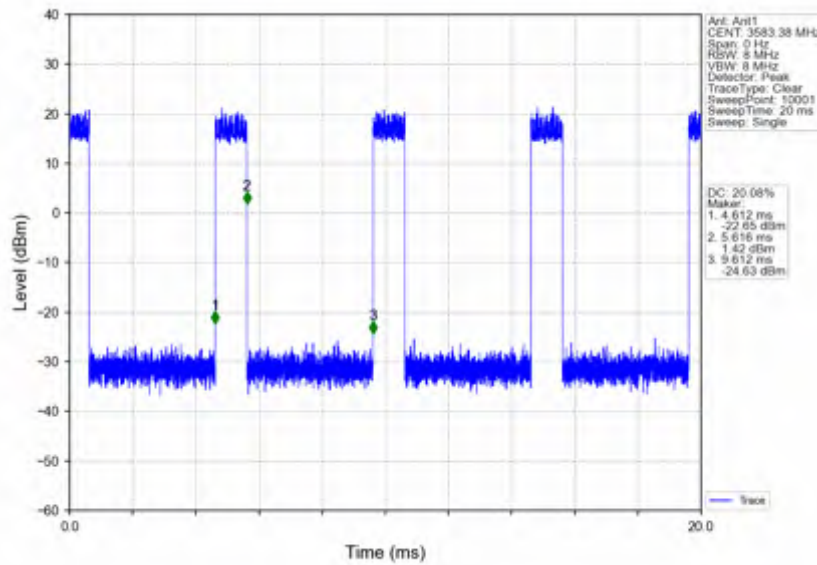
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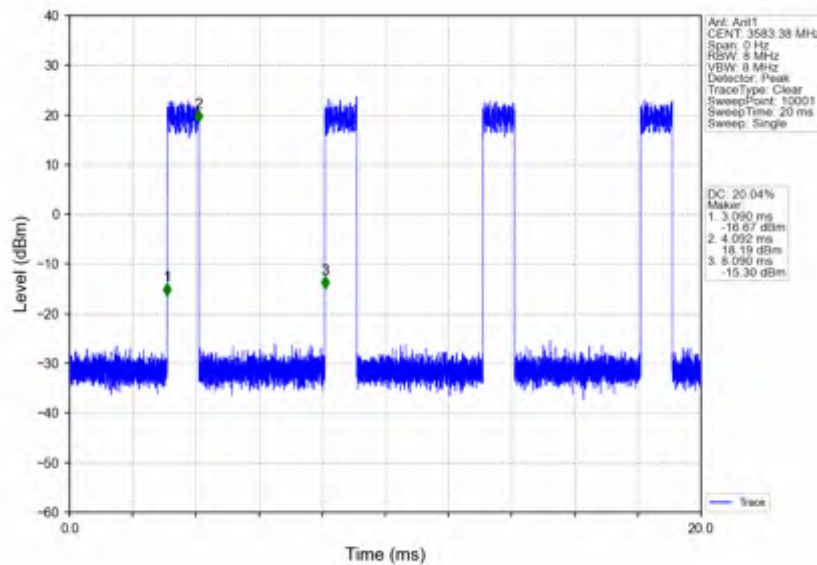
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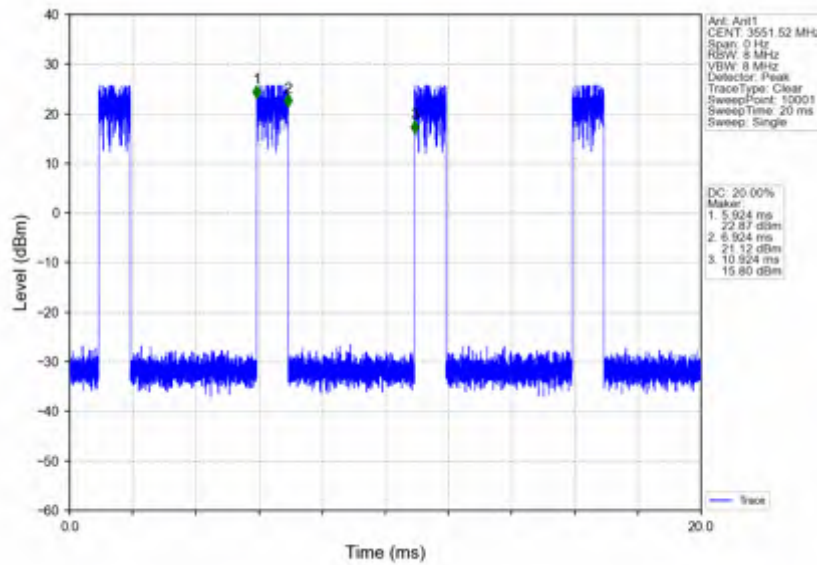


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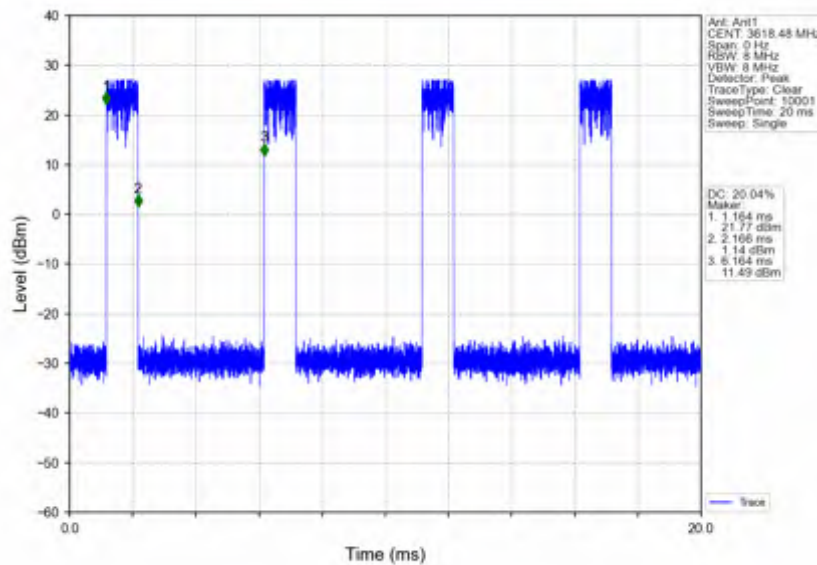




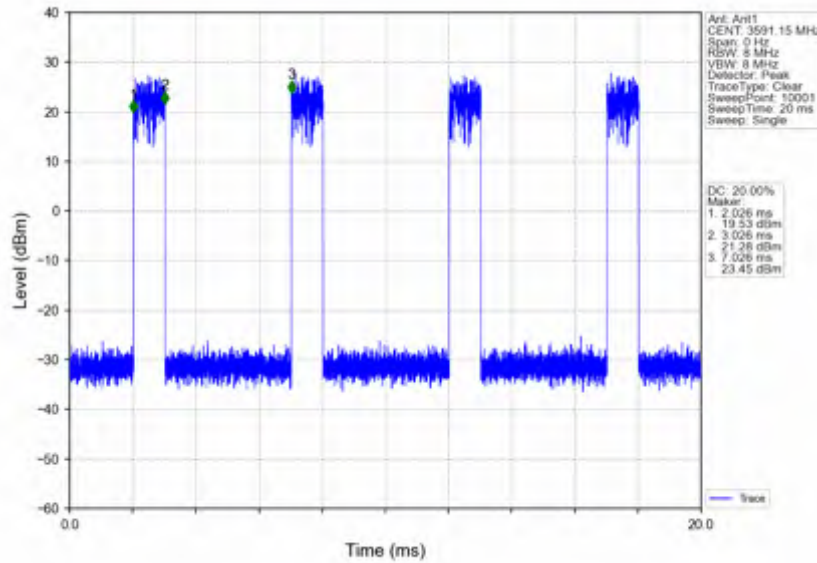
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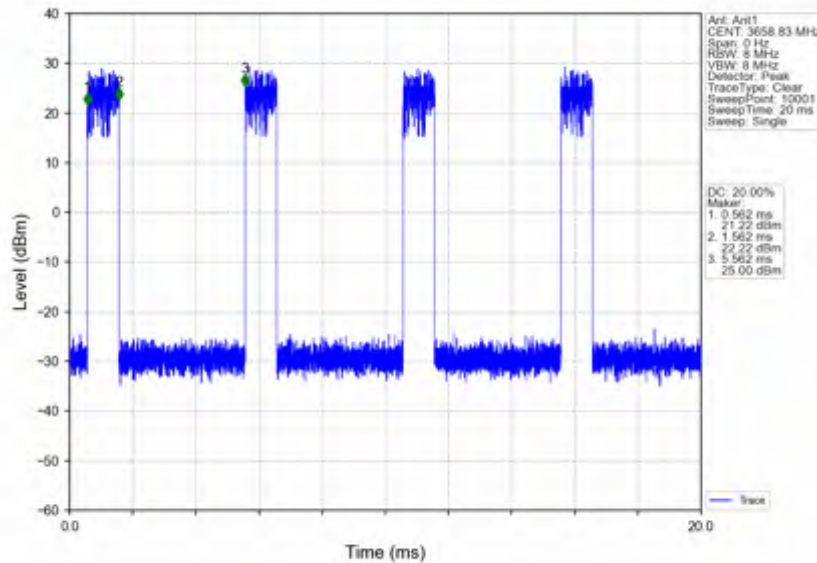
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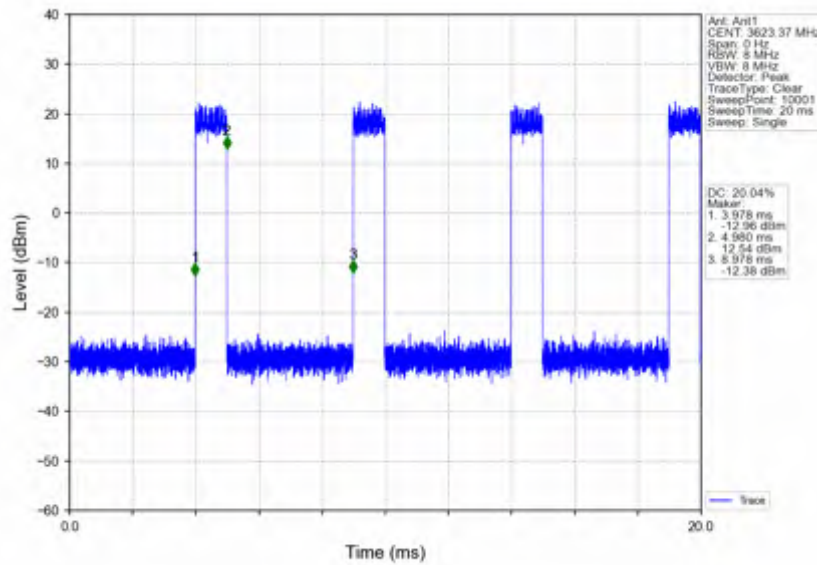
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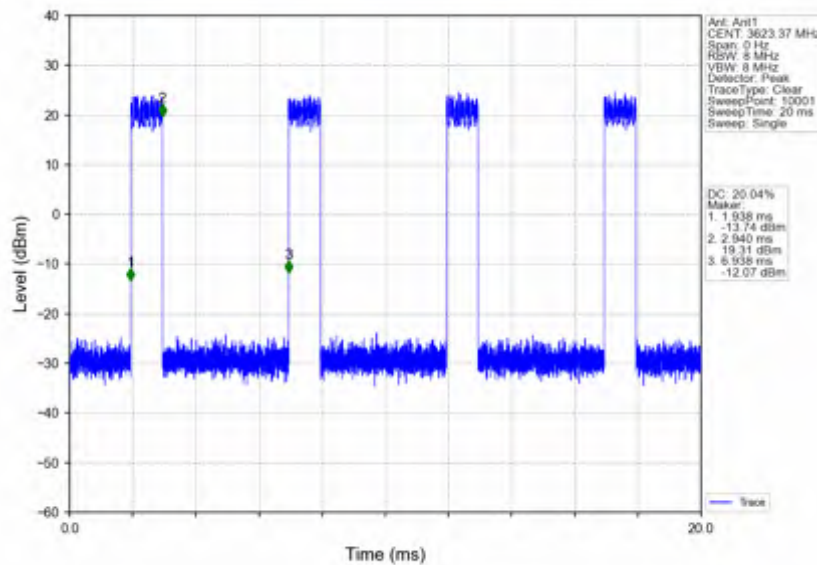
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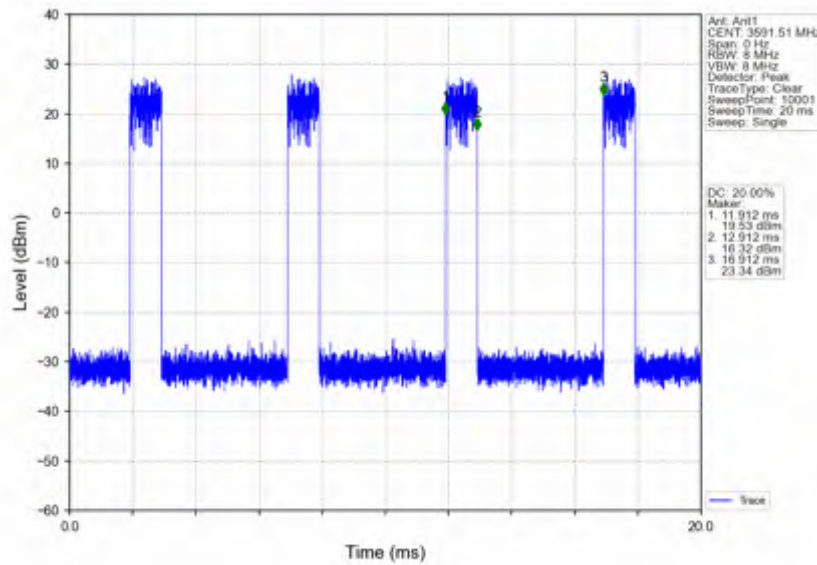
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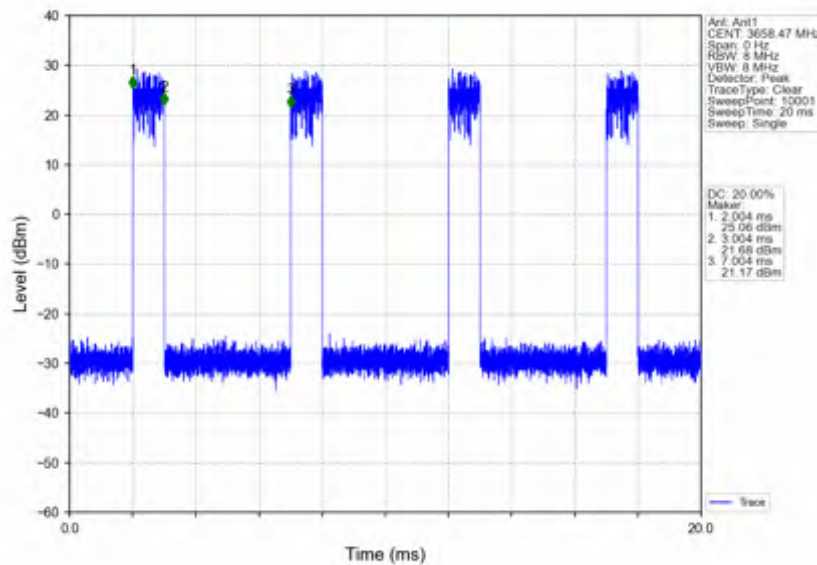
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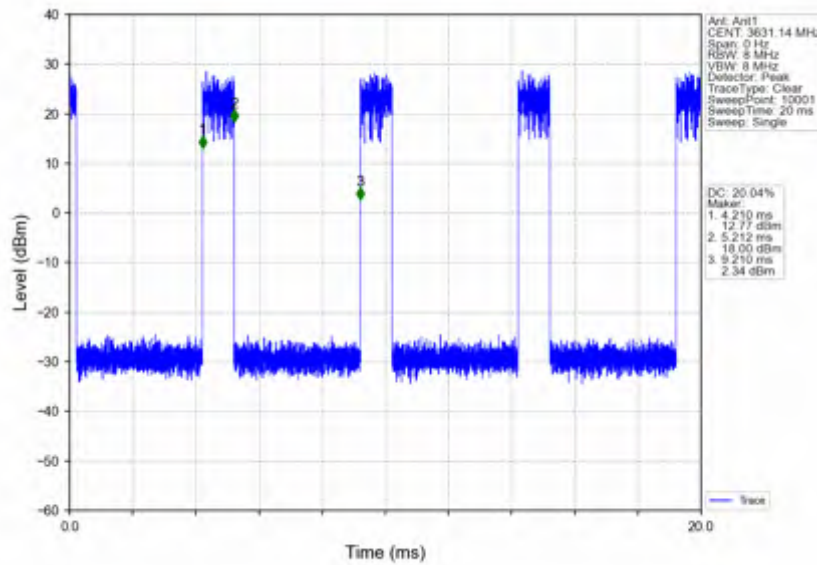
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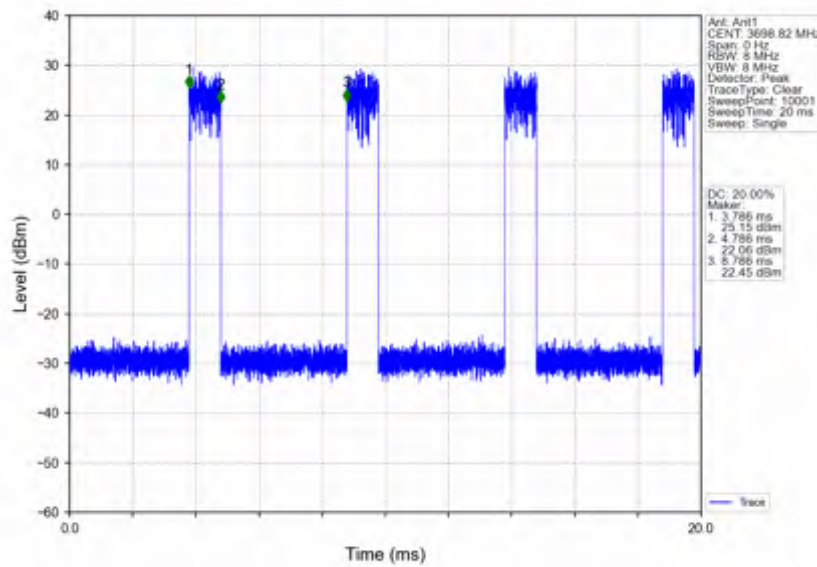
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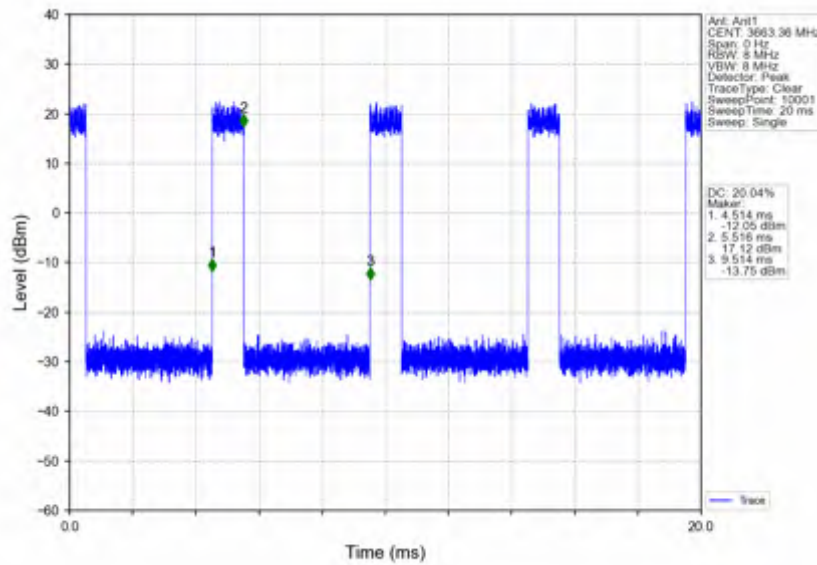
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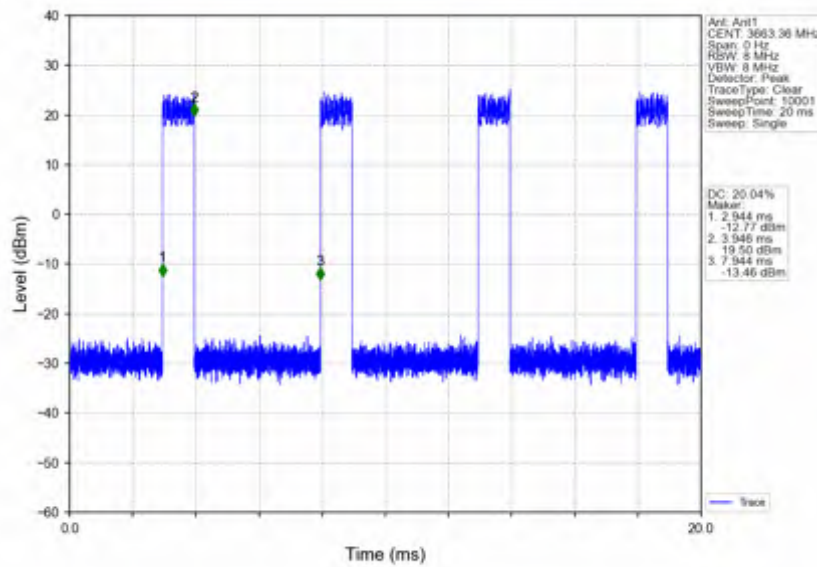
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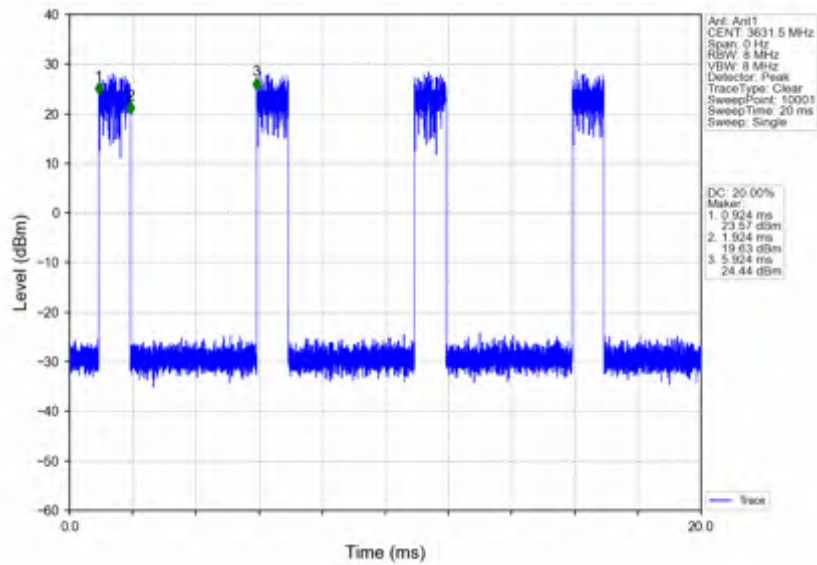
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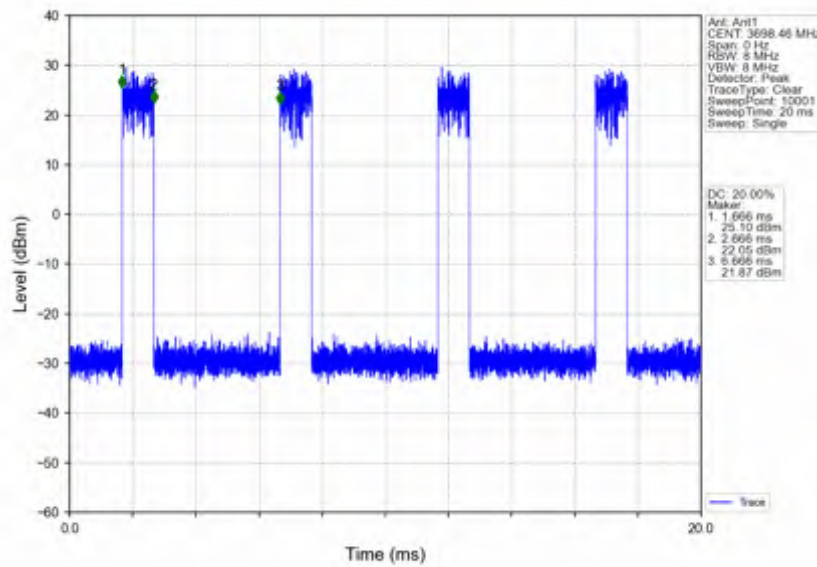
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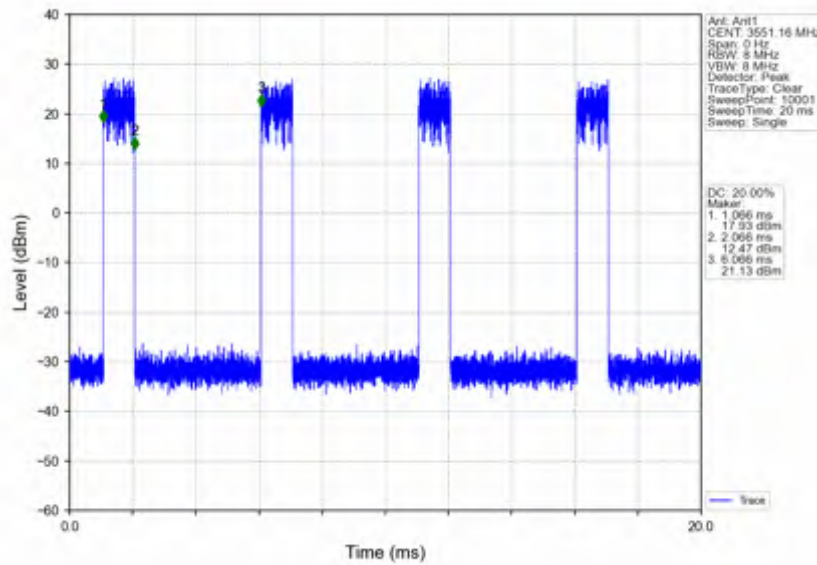
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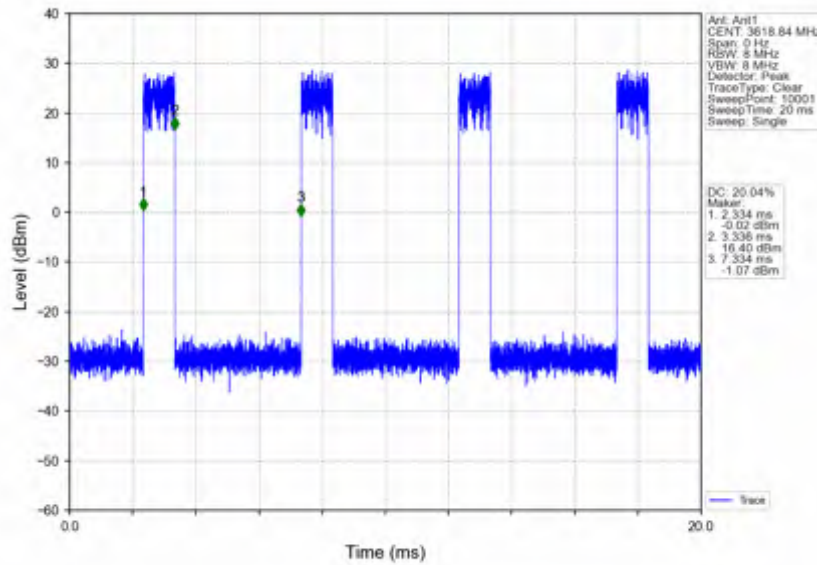
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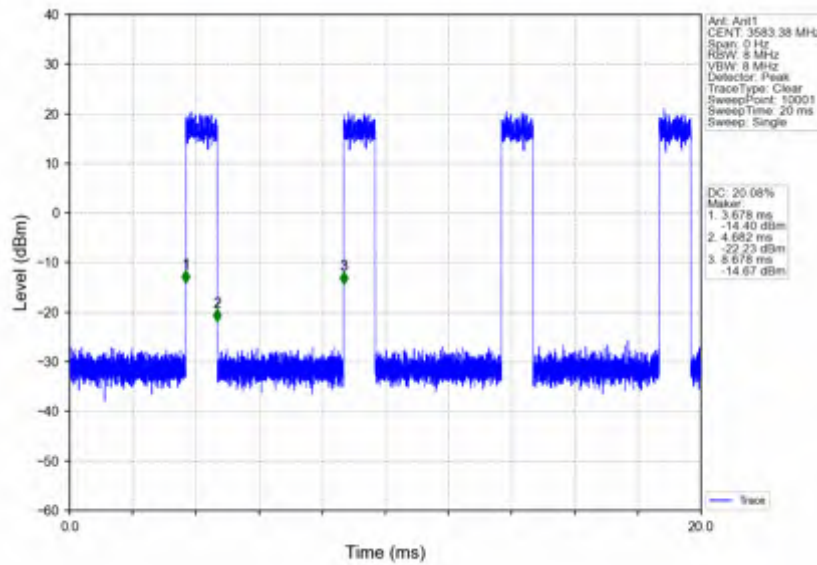


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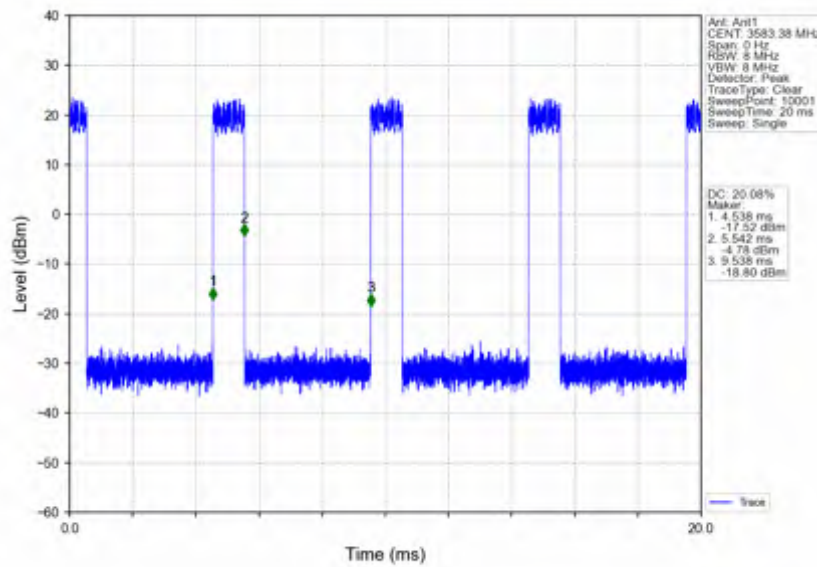




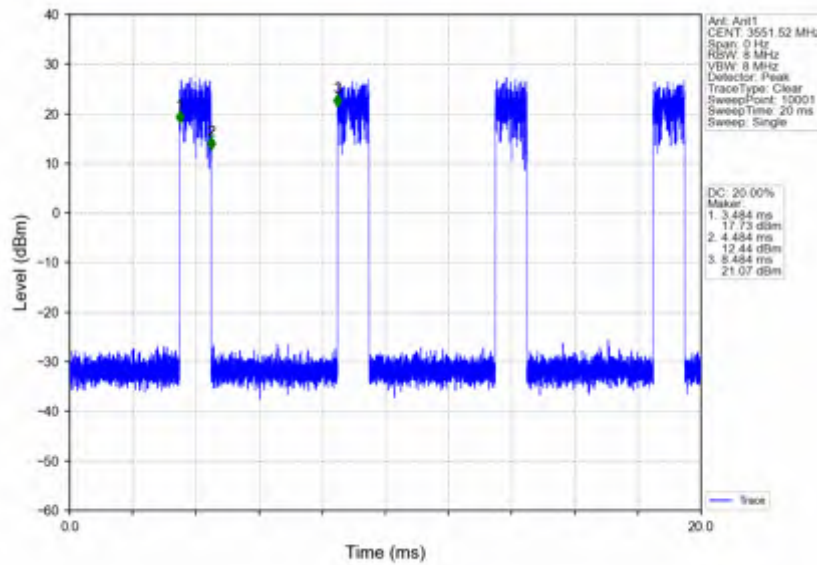
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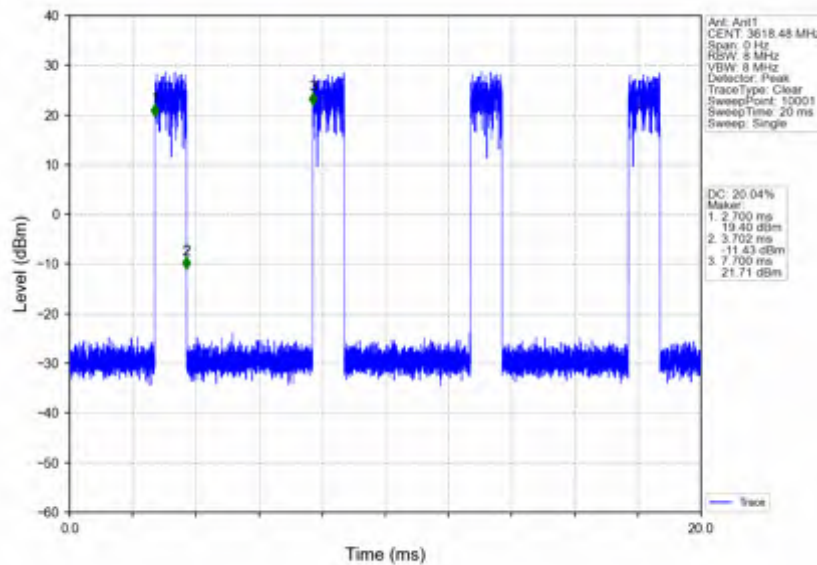
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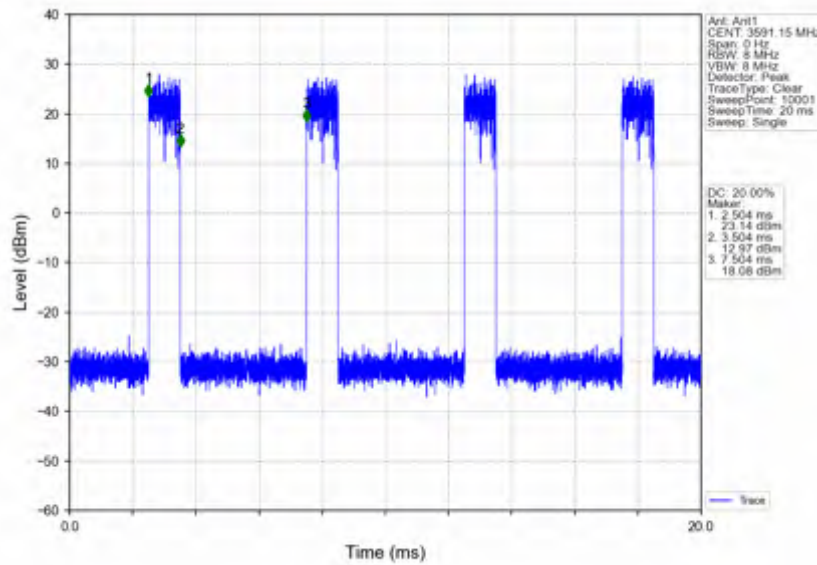
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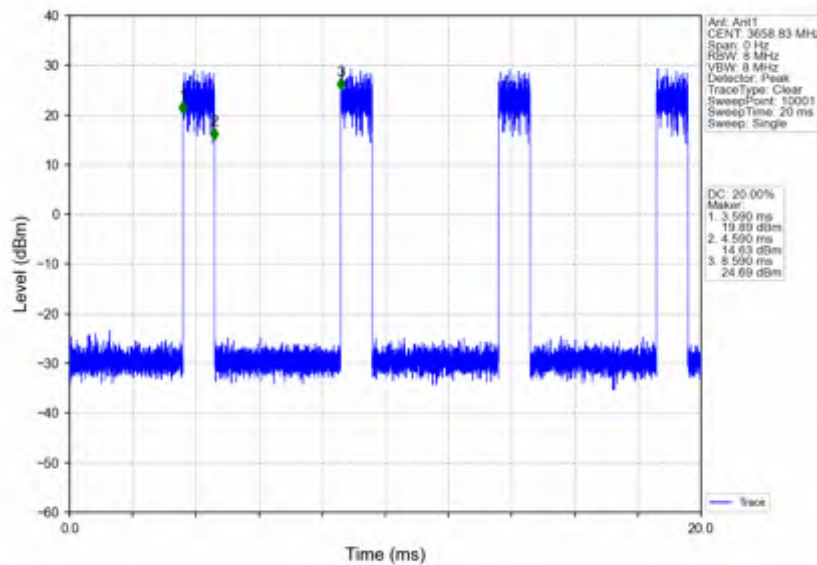
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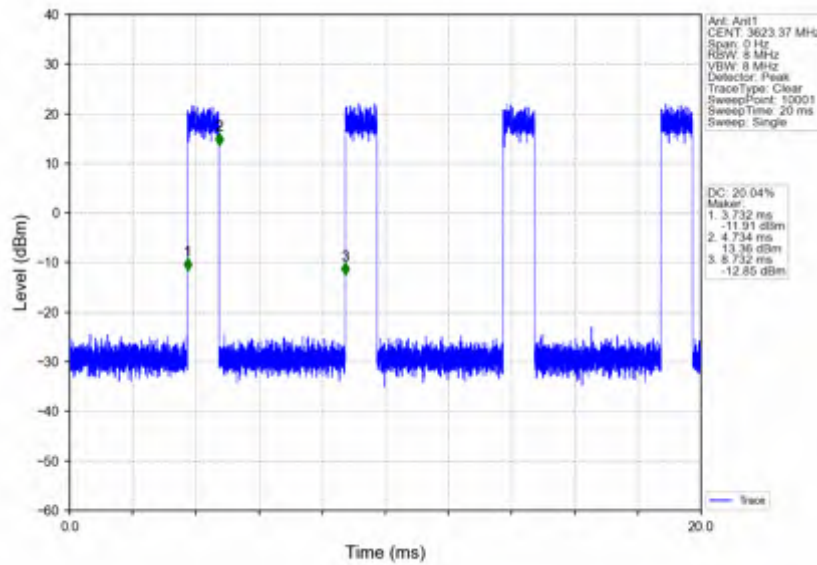
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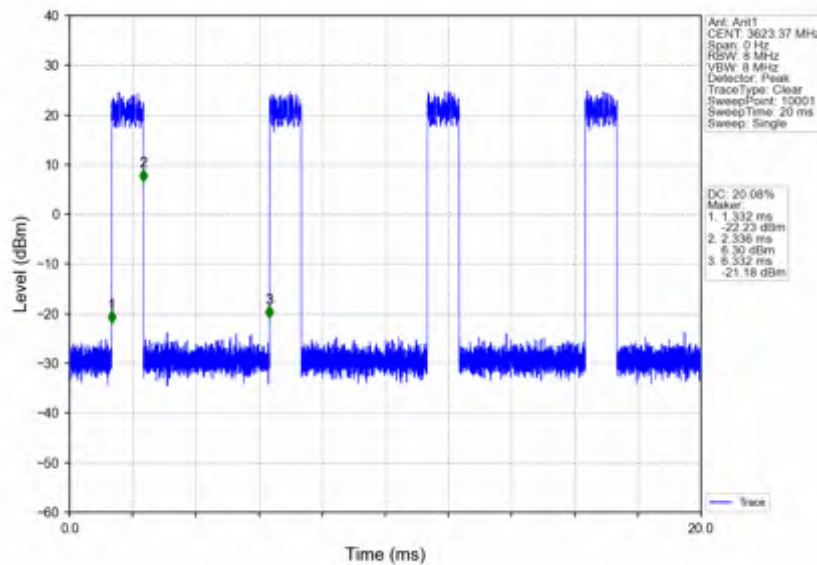
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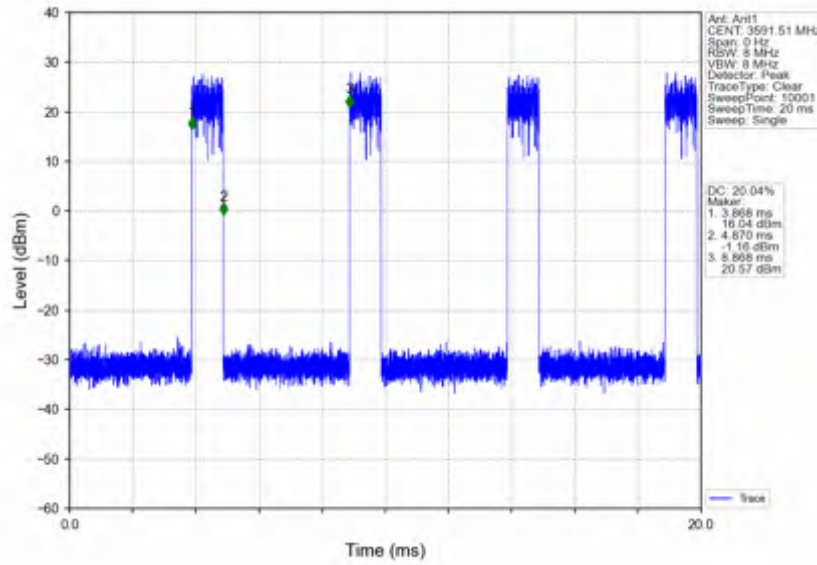
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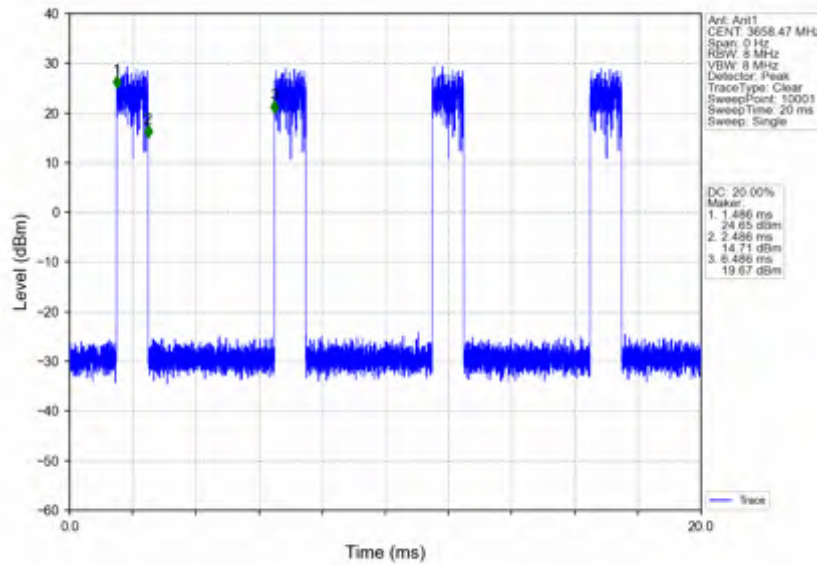
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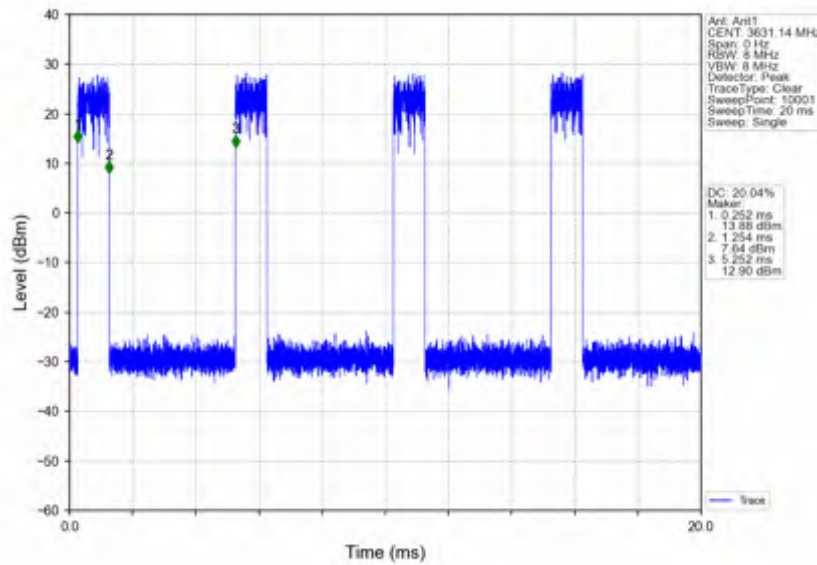
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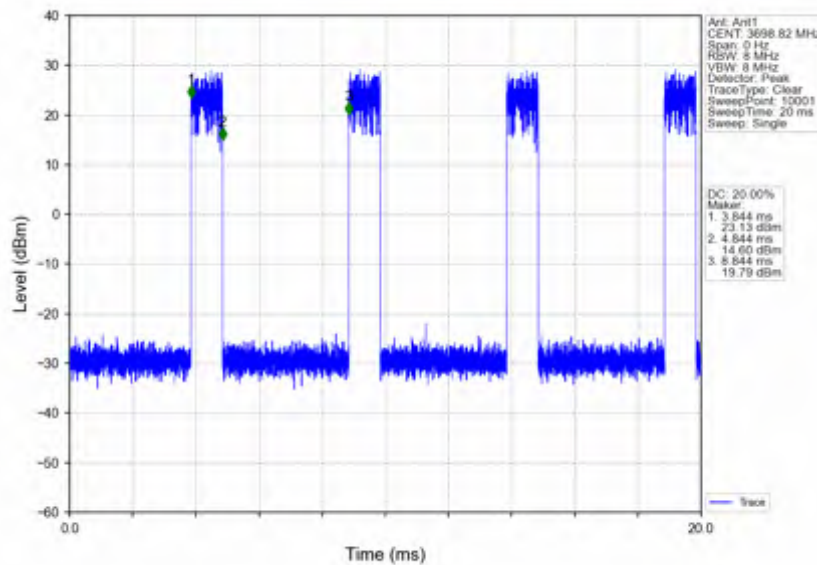
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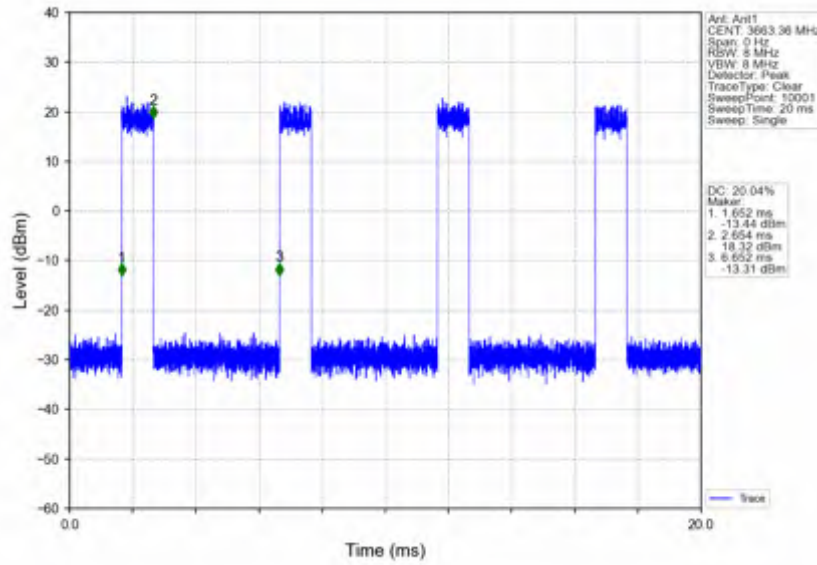
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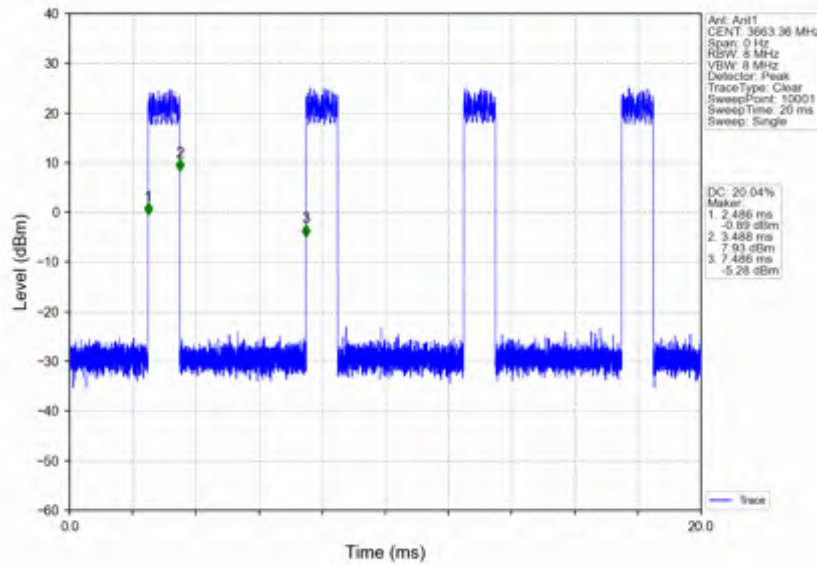
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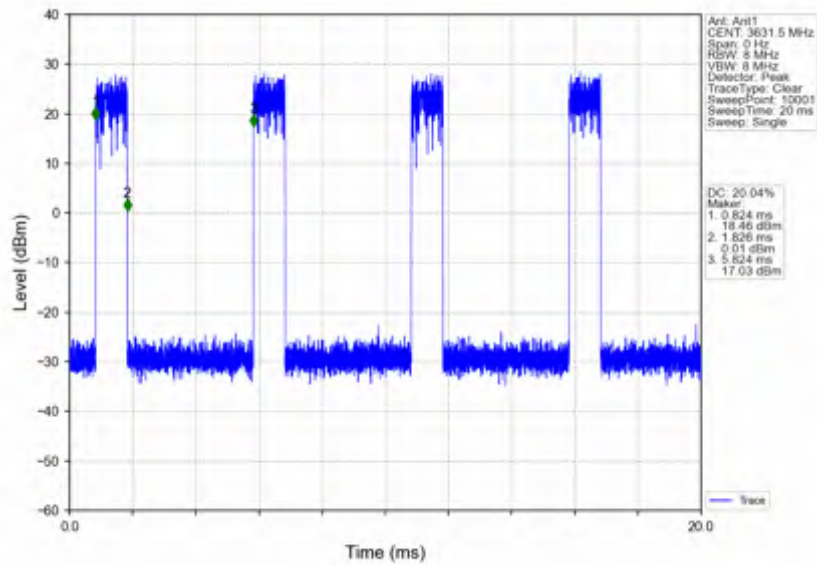
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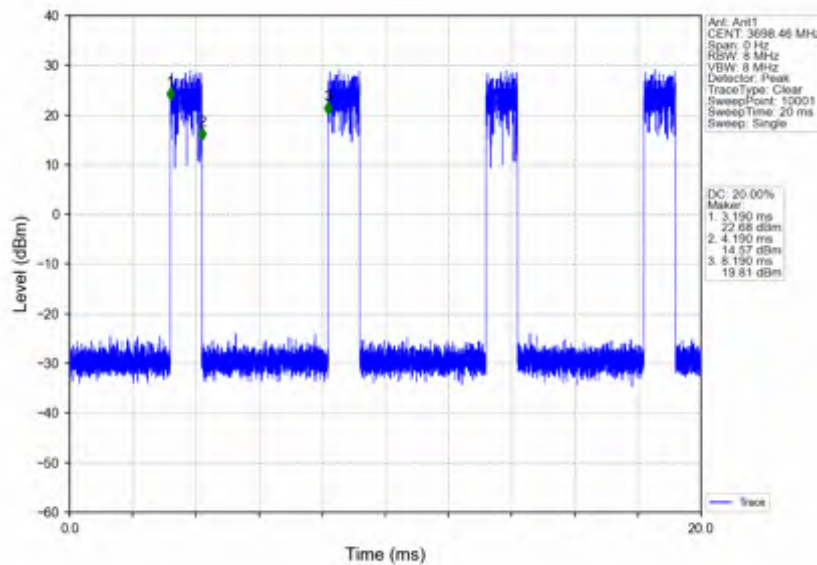
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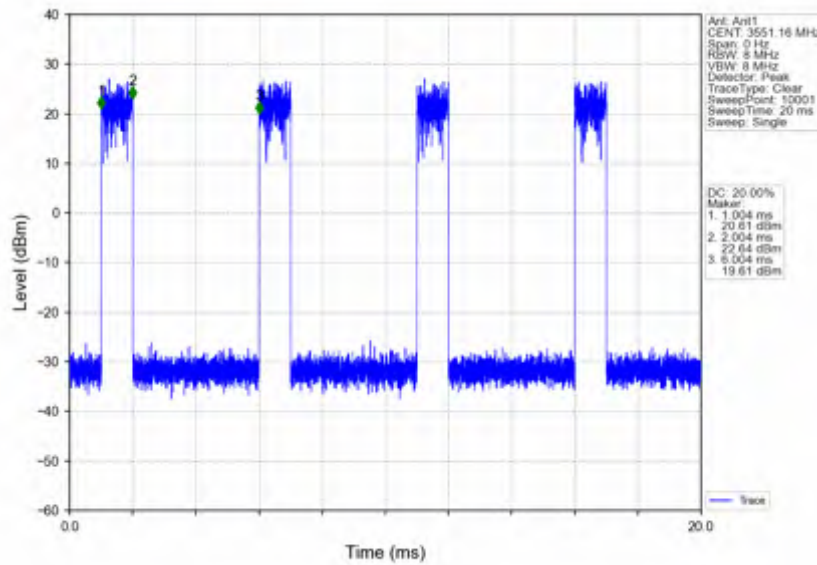


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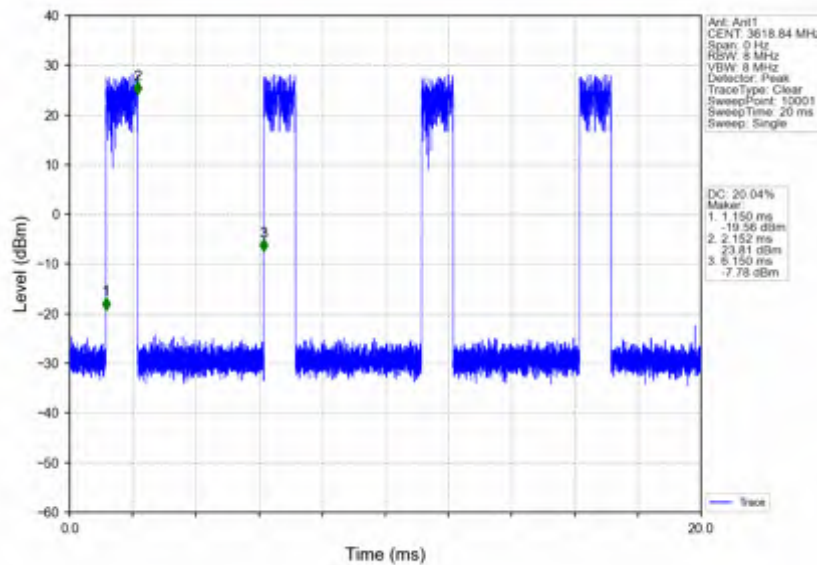




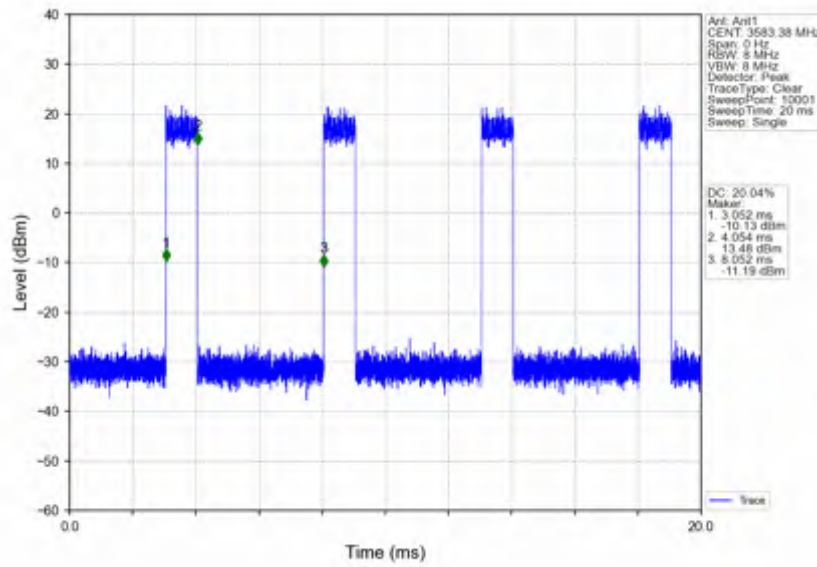
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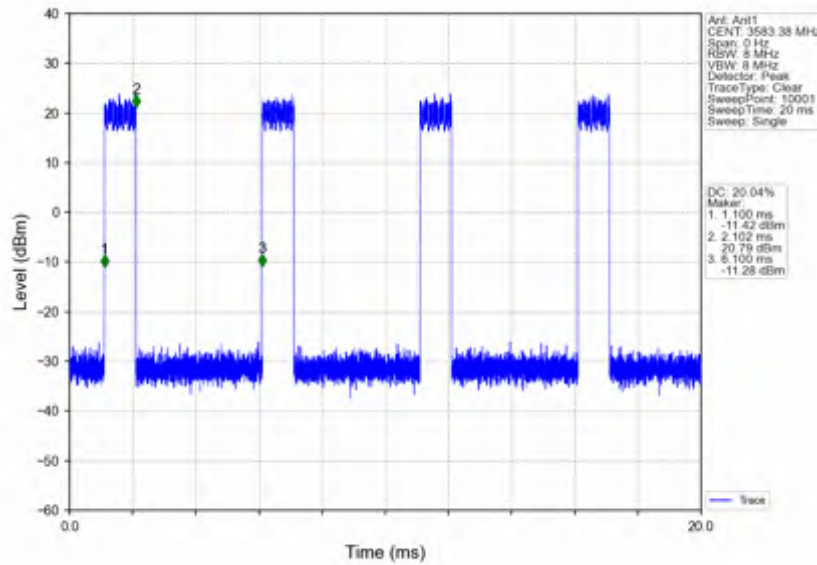
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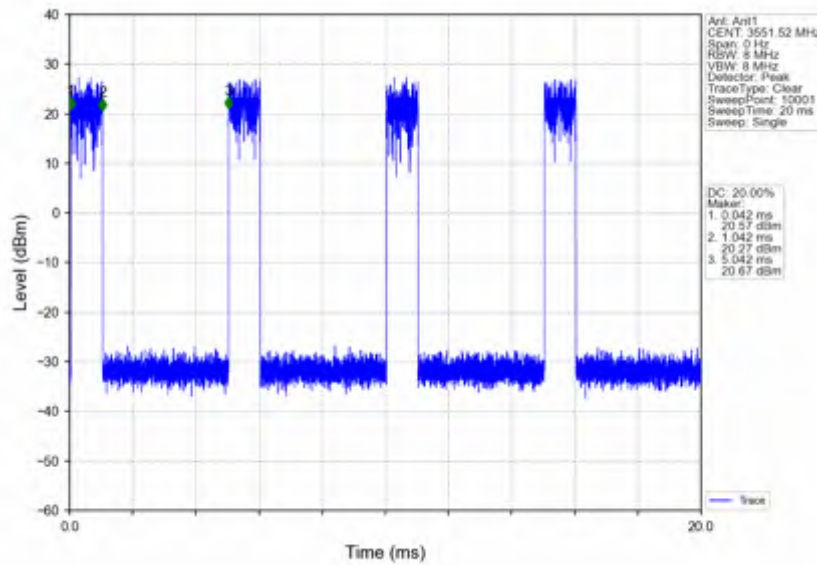
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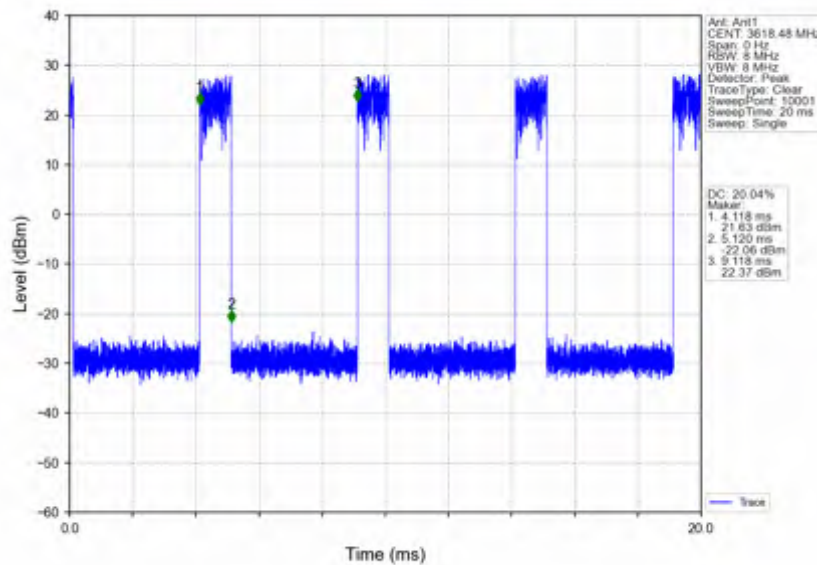
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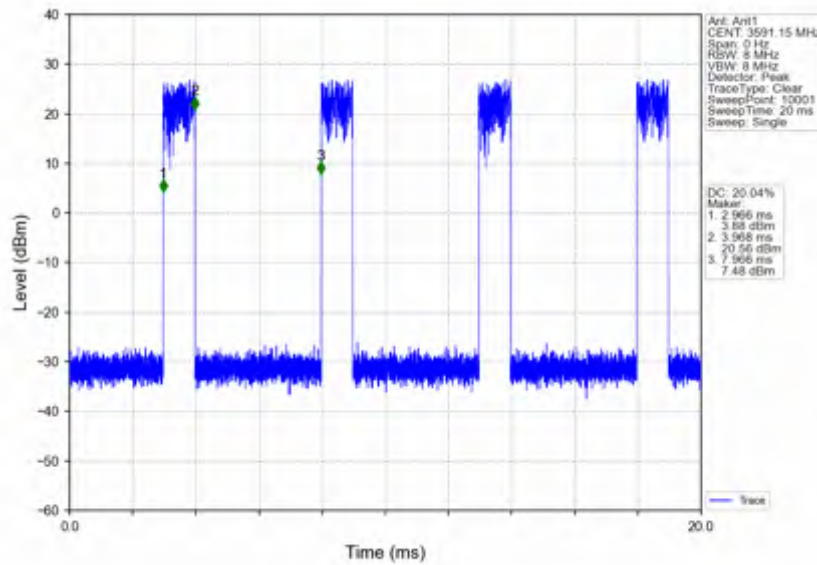
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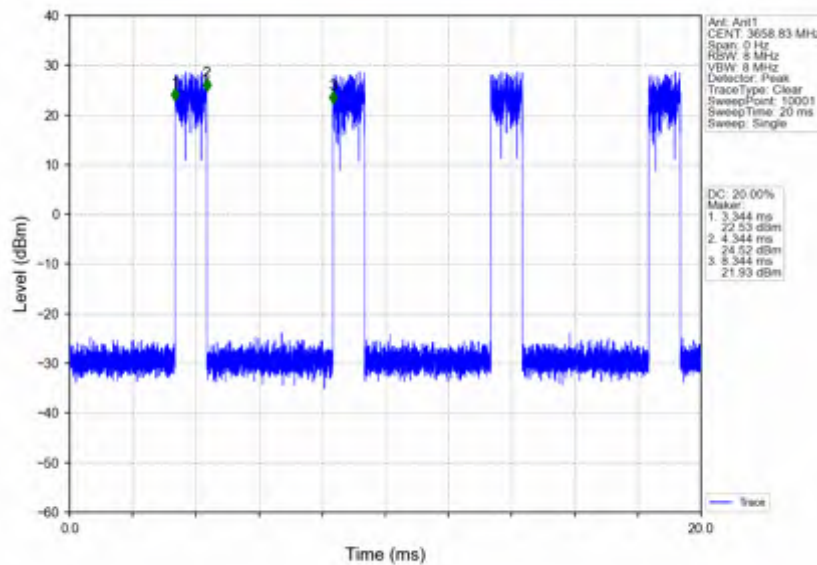
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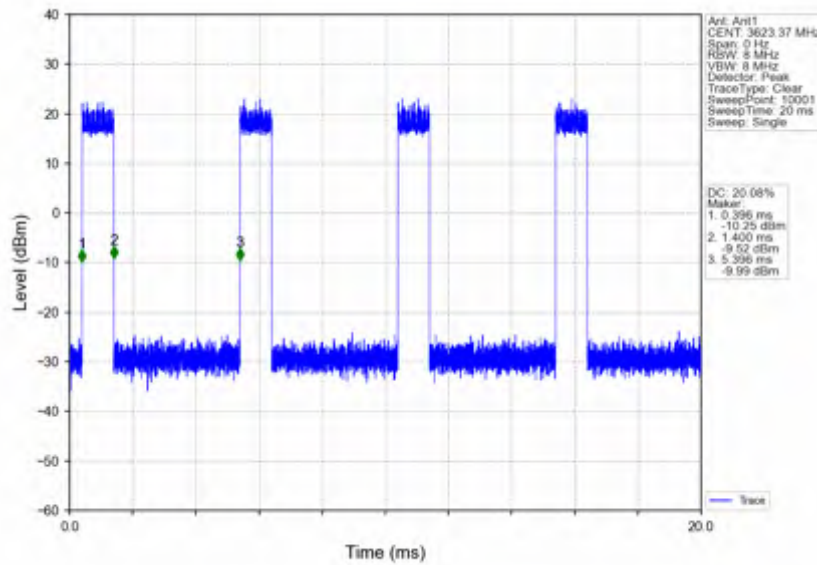
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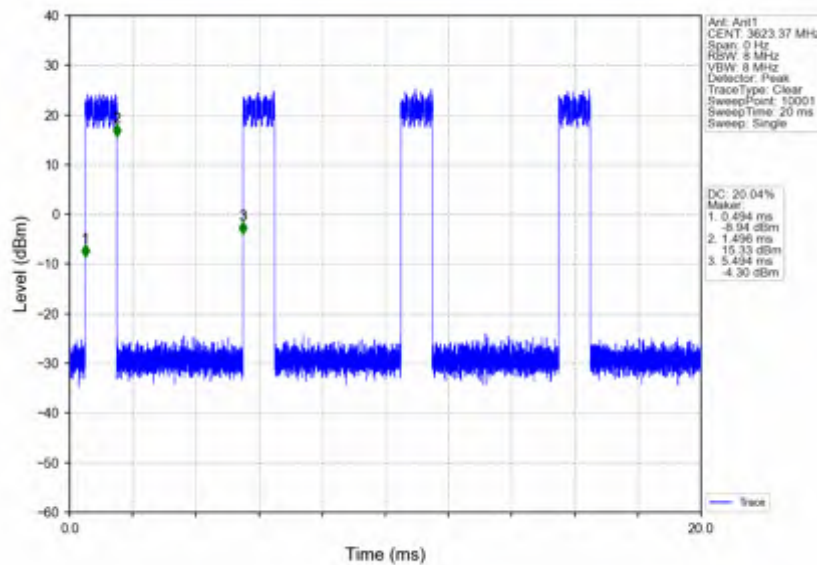
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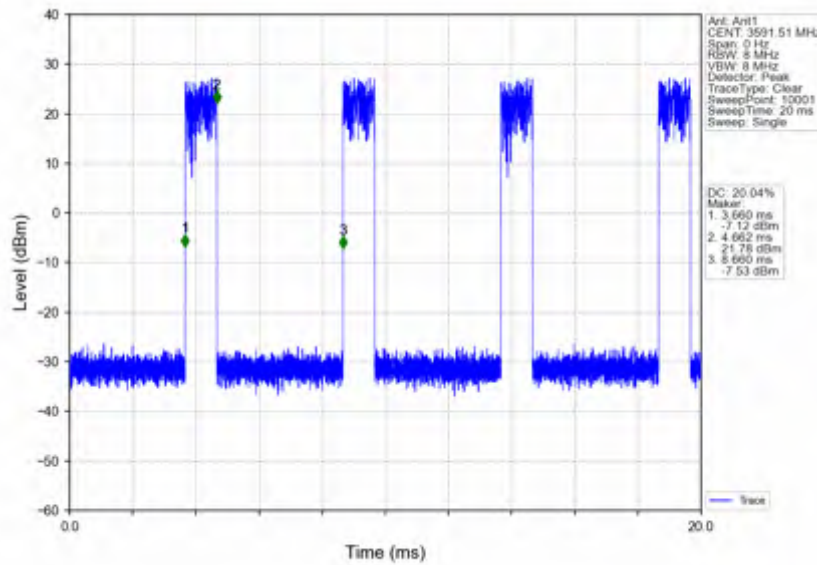
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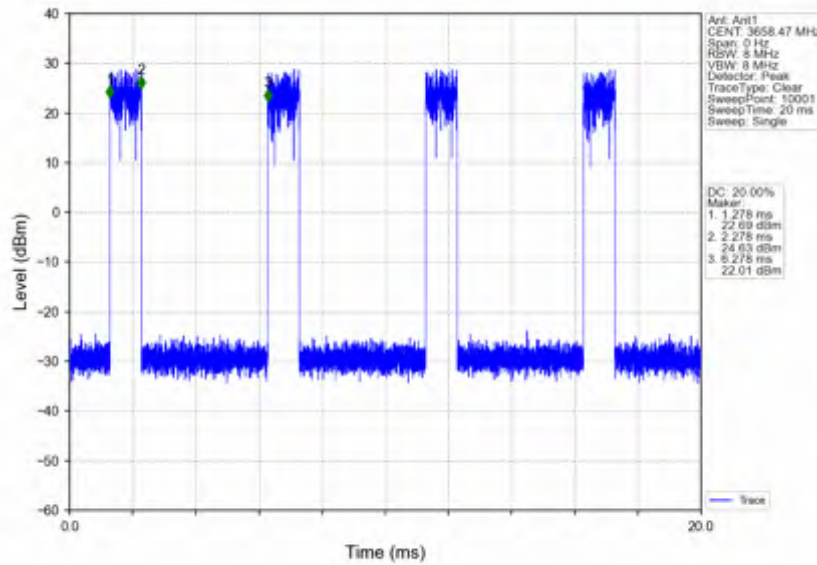
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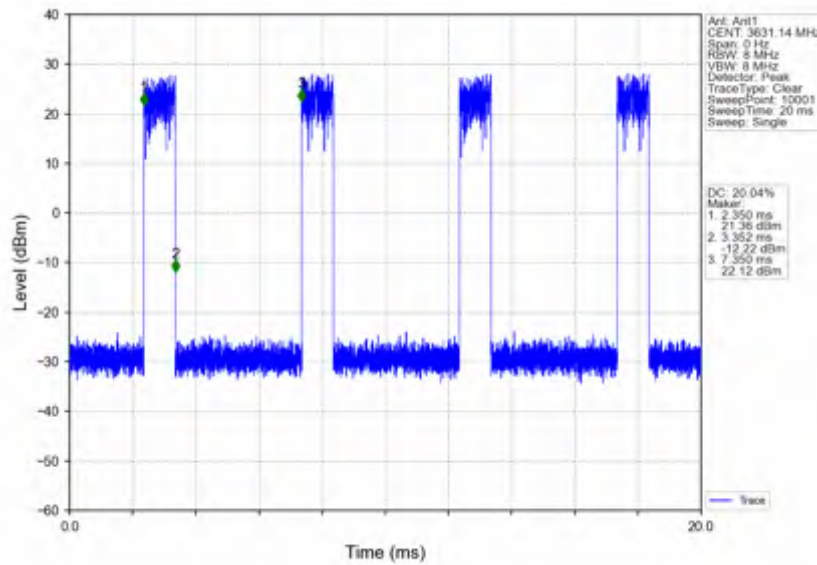
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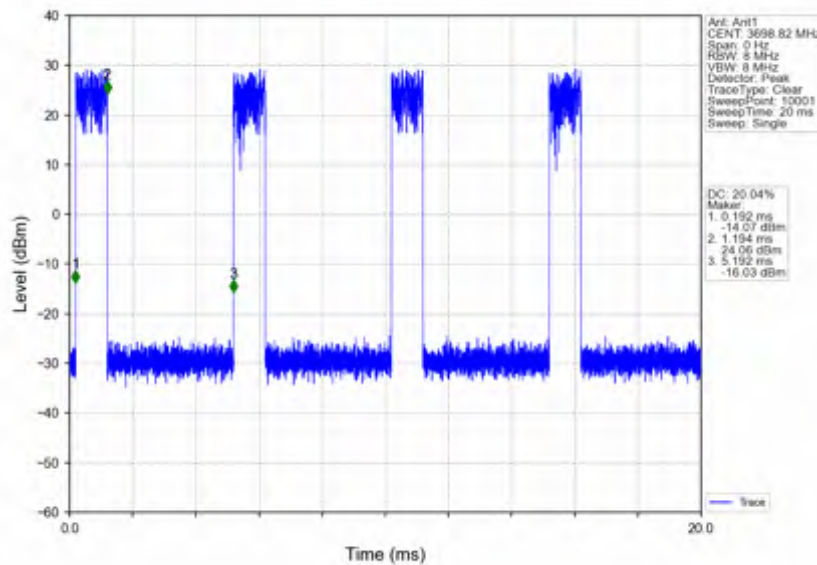
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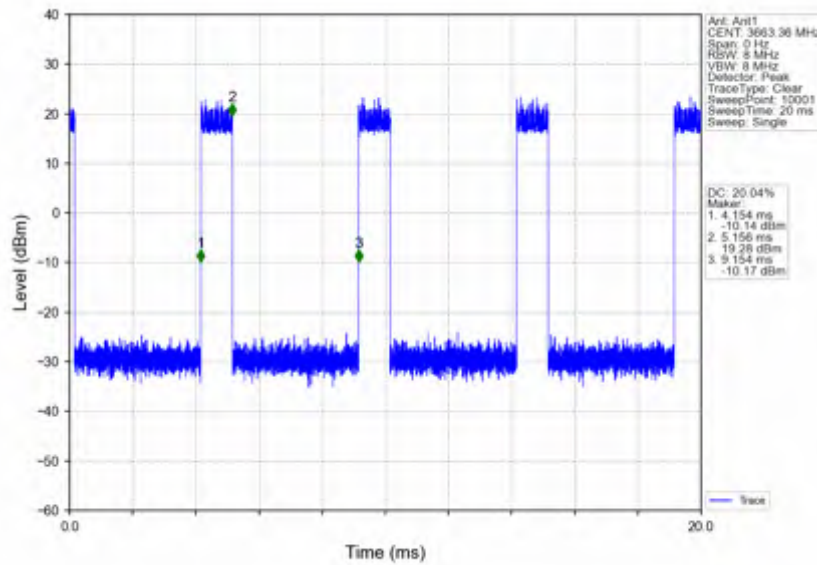
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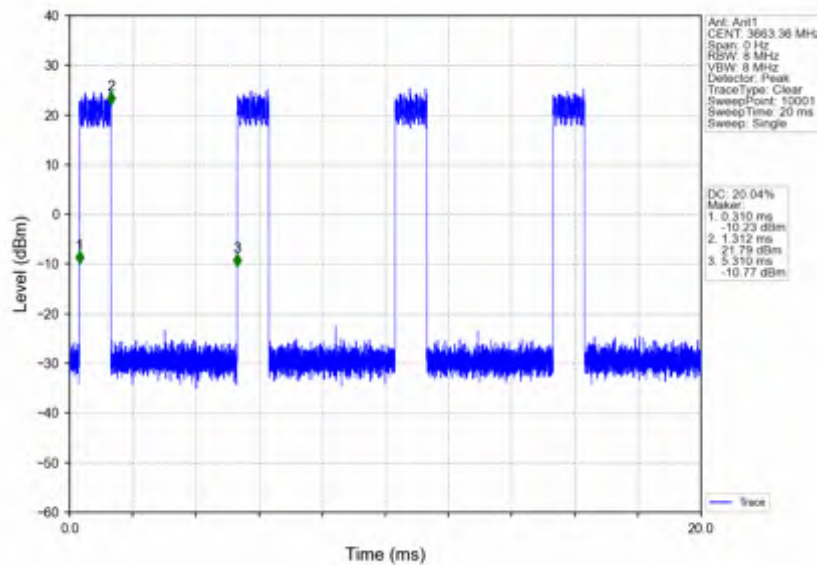
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n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_DFT-s-OFDM 256 QAM\_3664.98MHz\_Outer\_Full

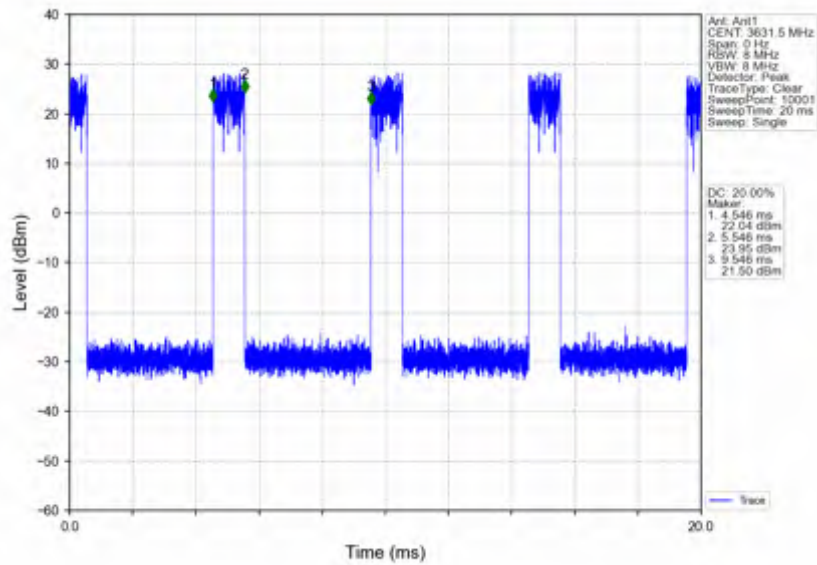


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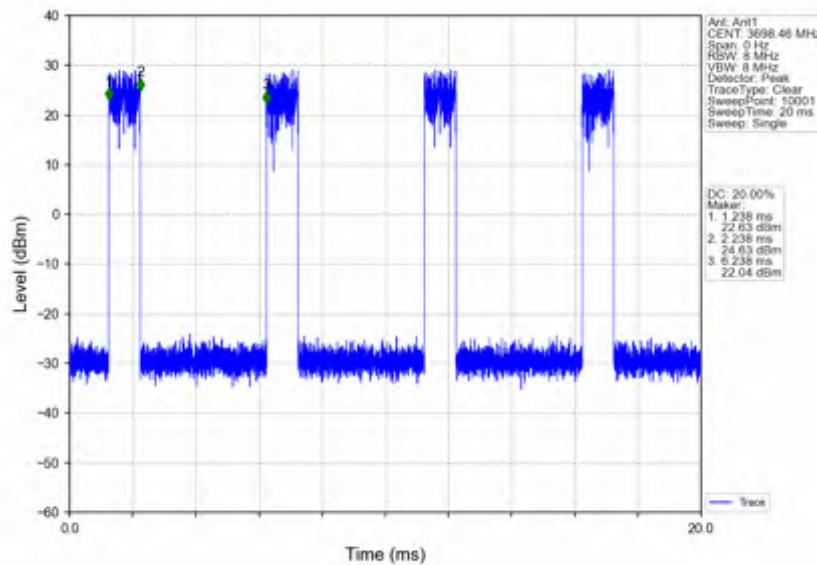




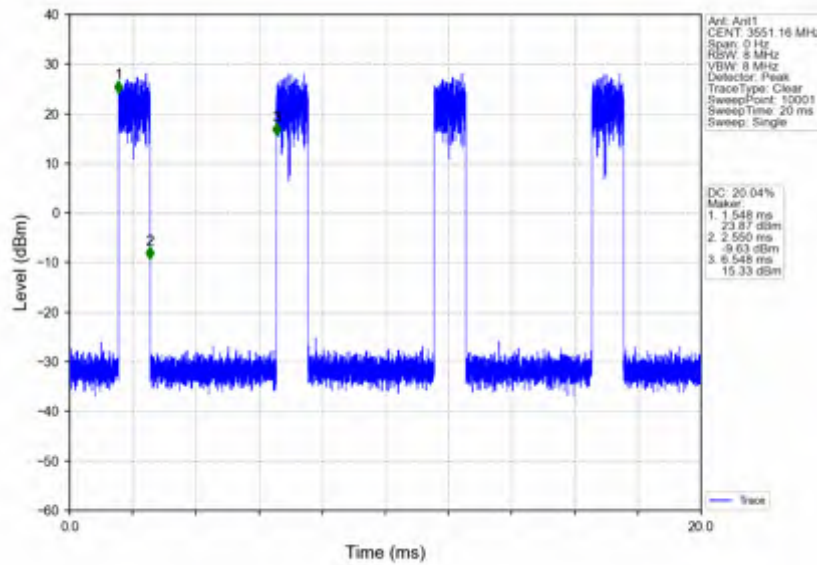
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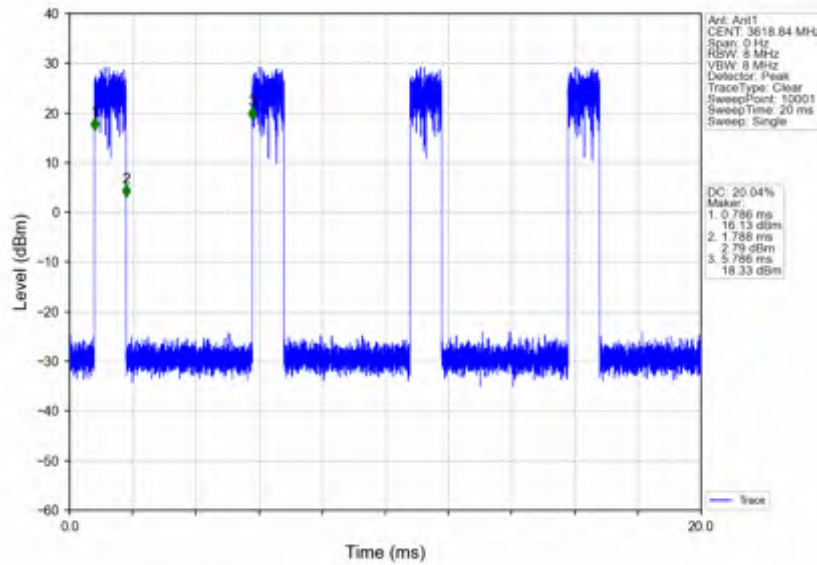
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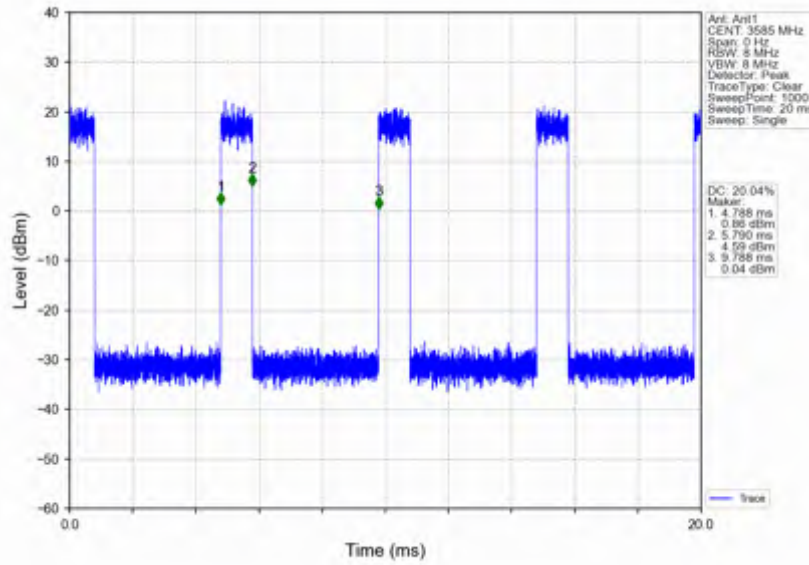
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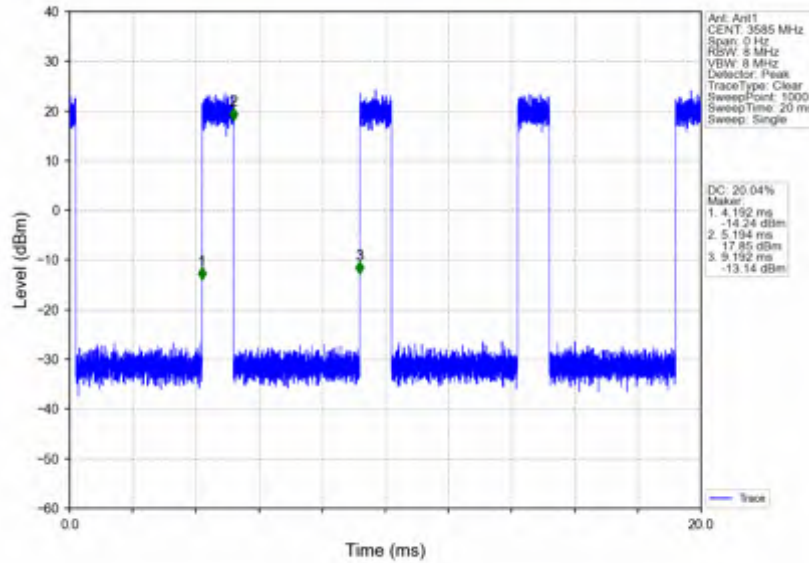
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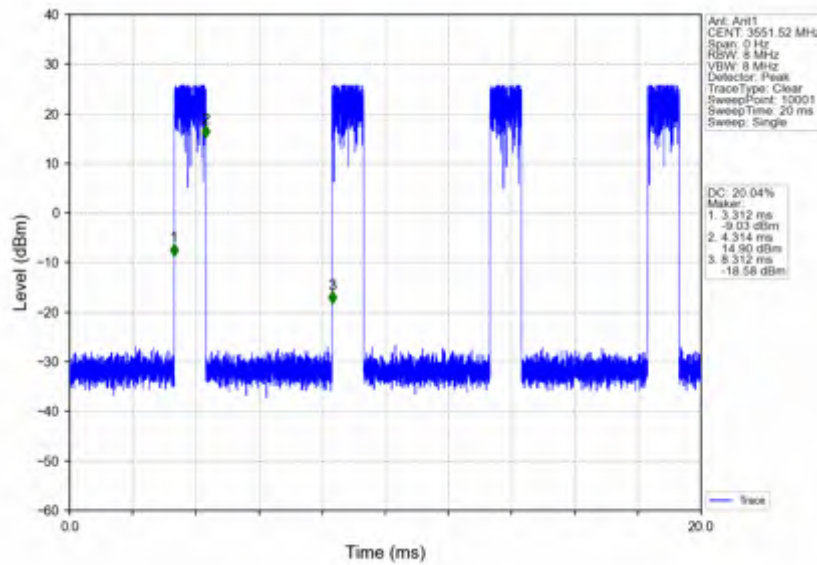
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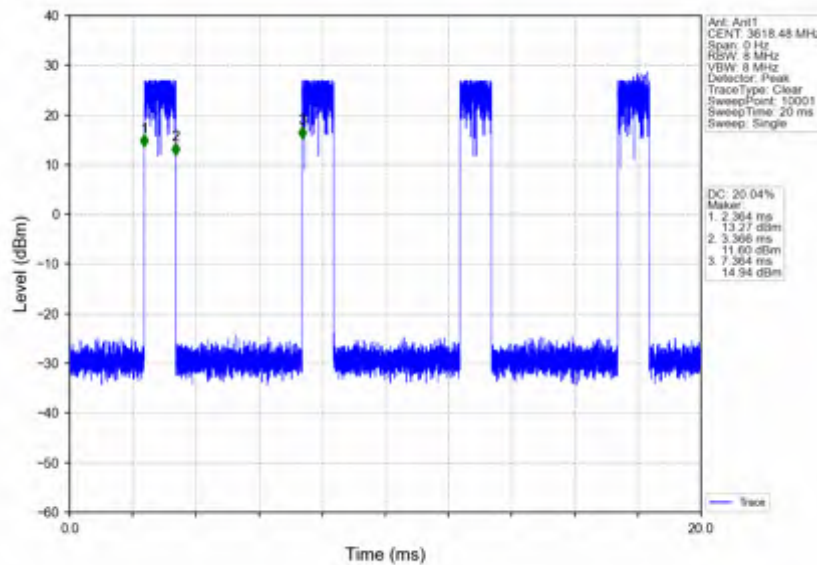
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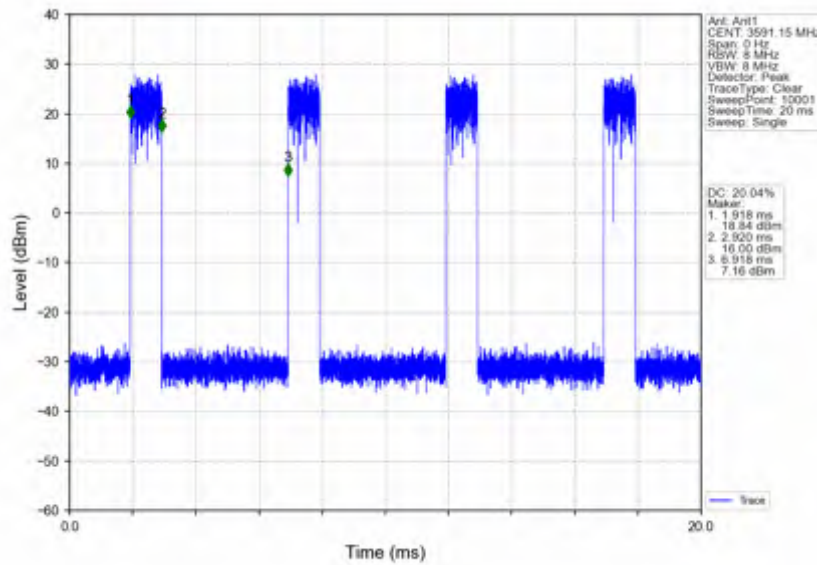
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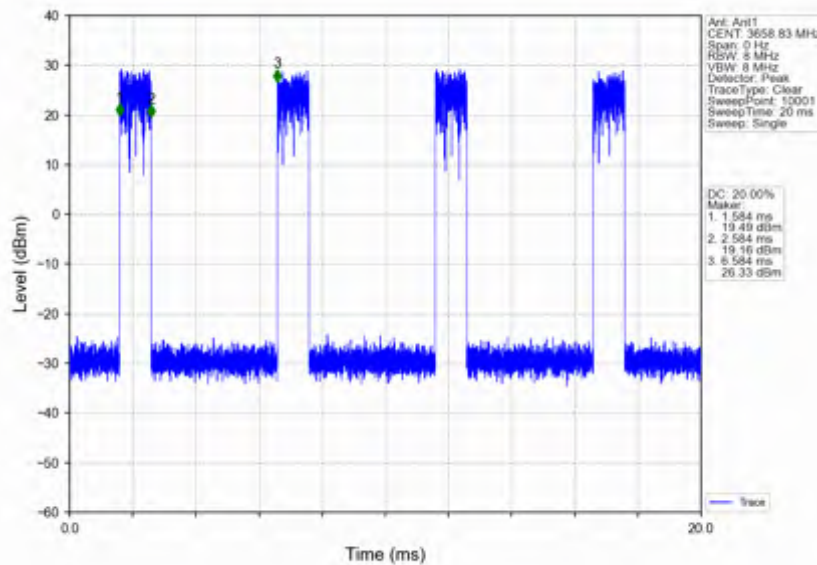
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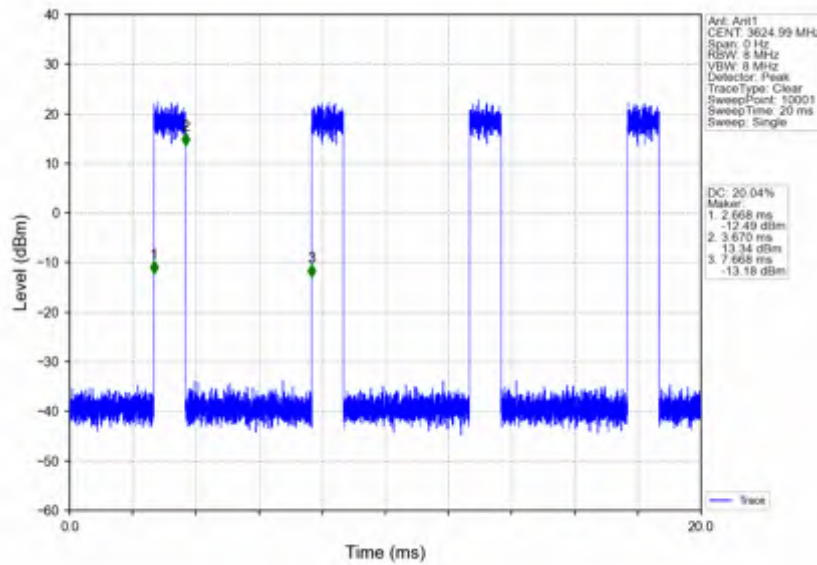
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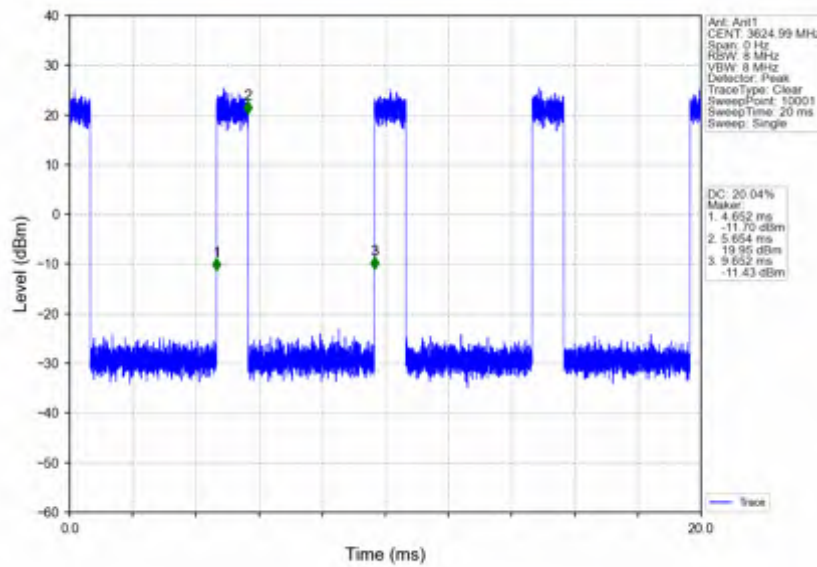
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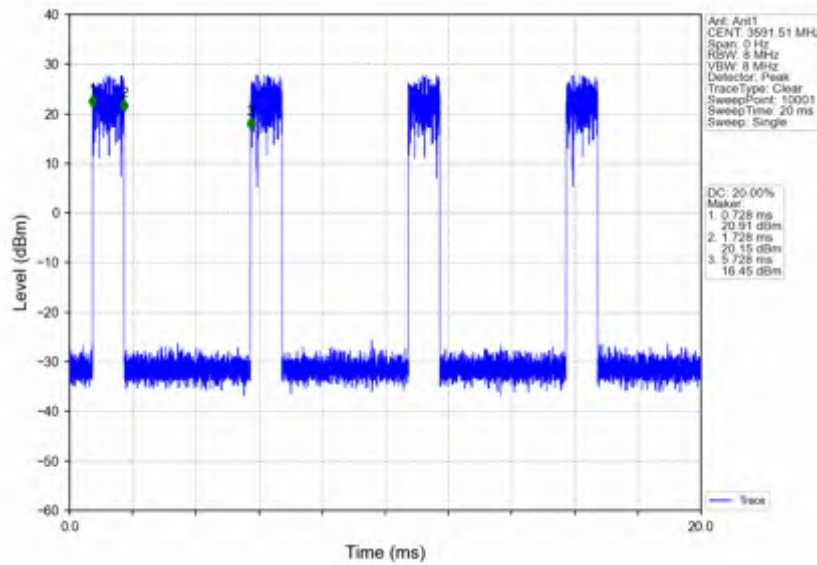
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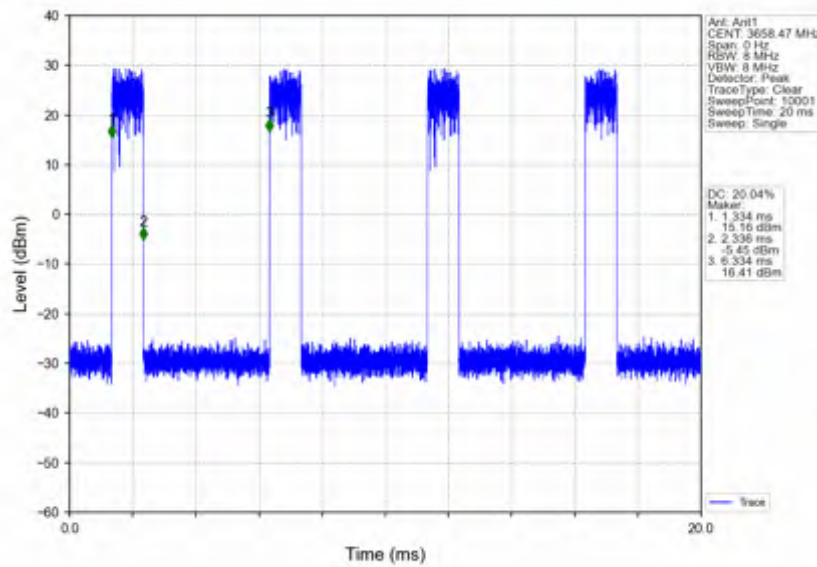
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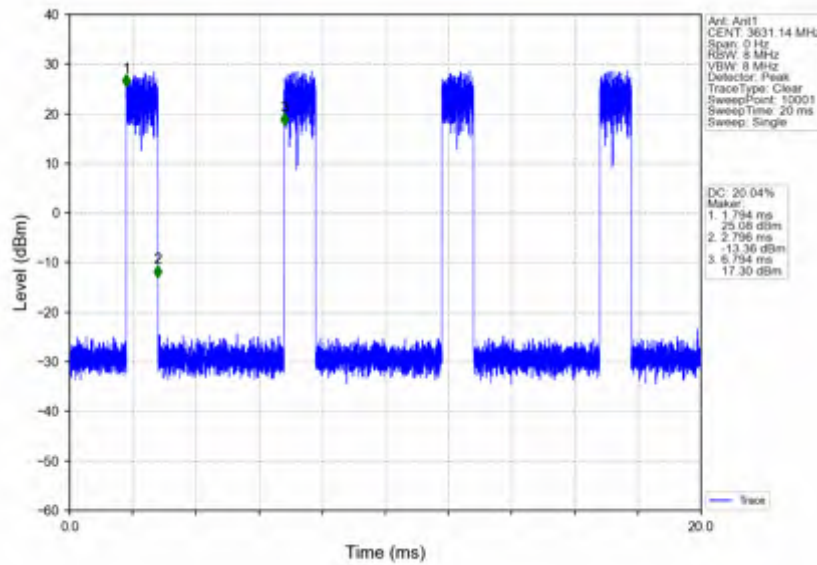
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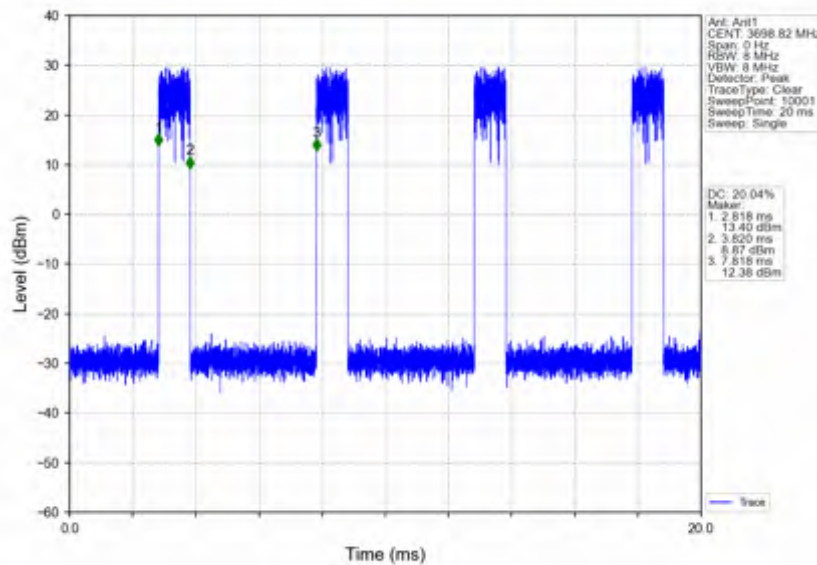
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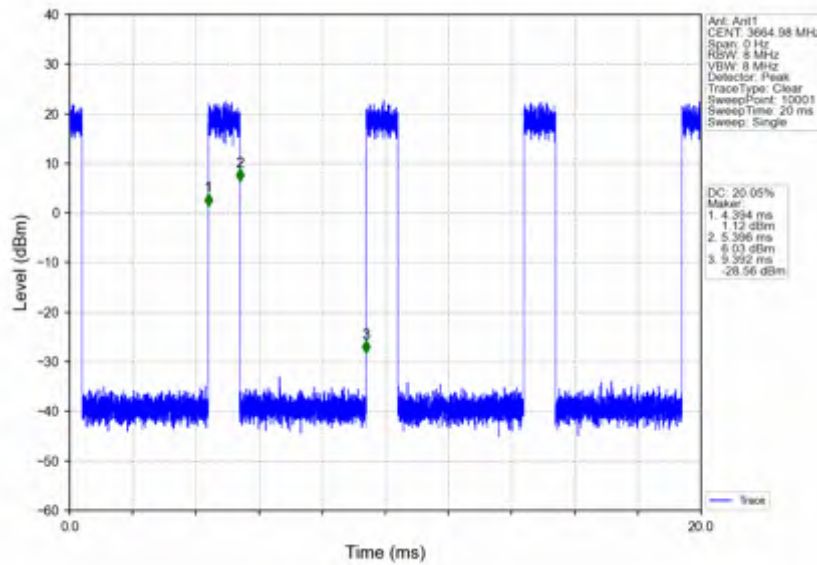


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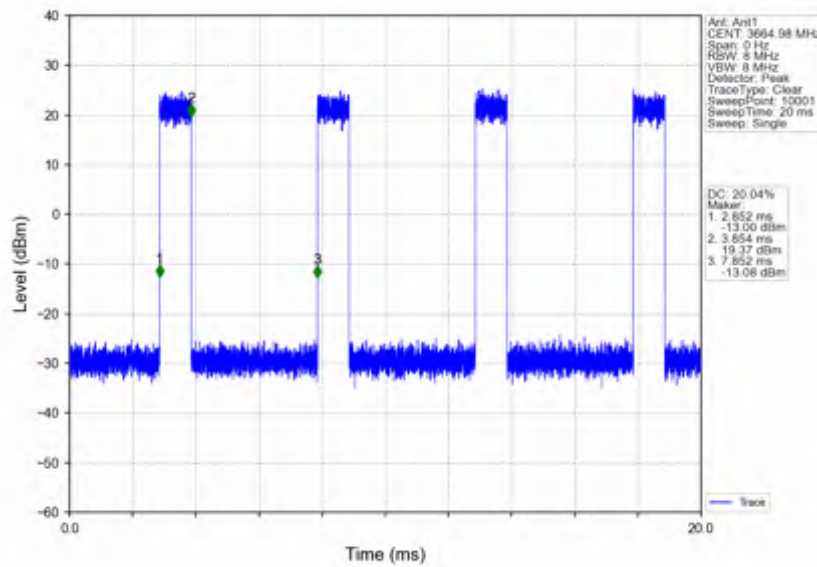




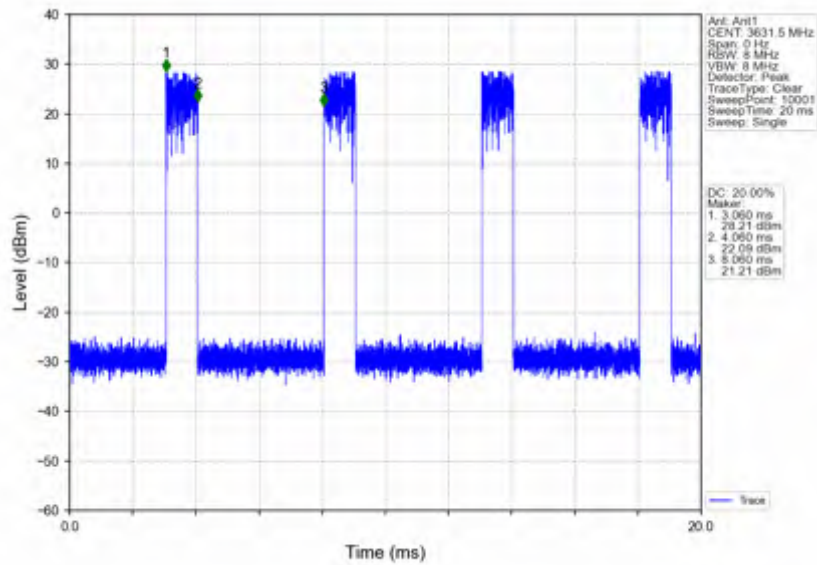
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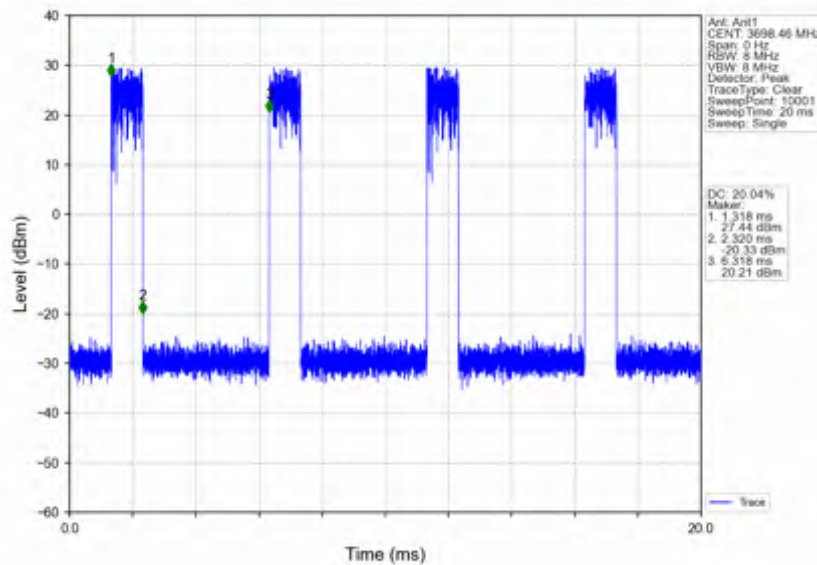
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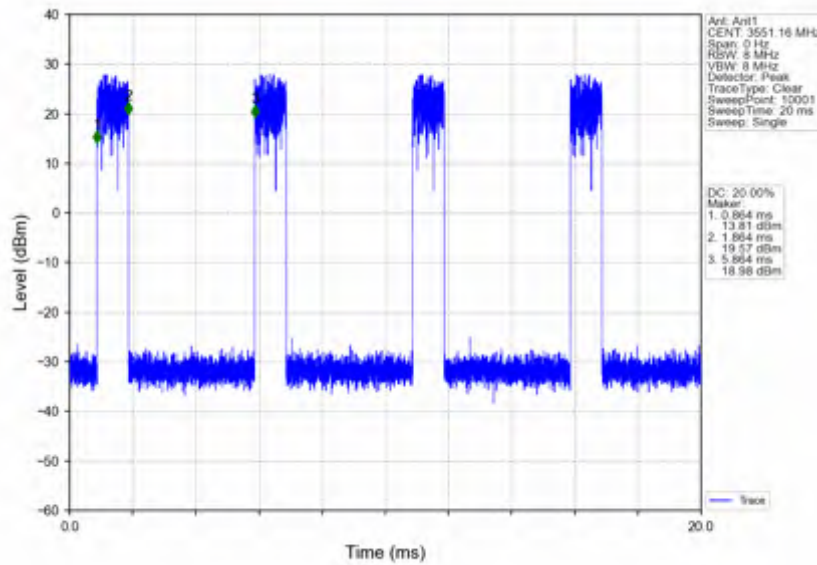
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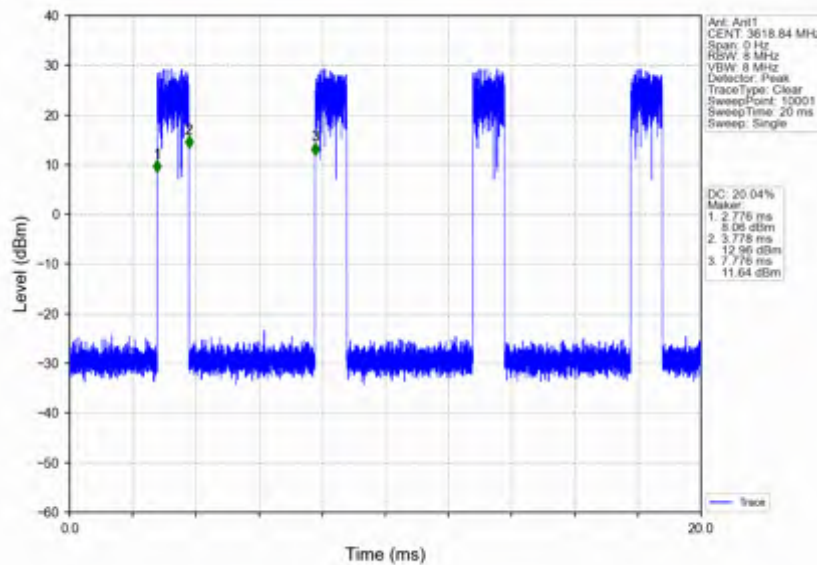
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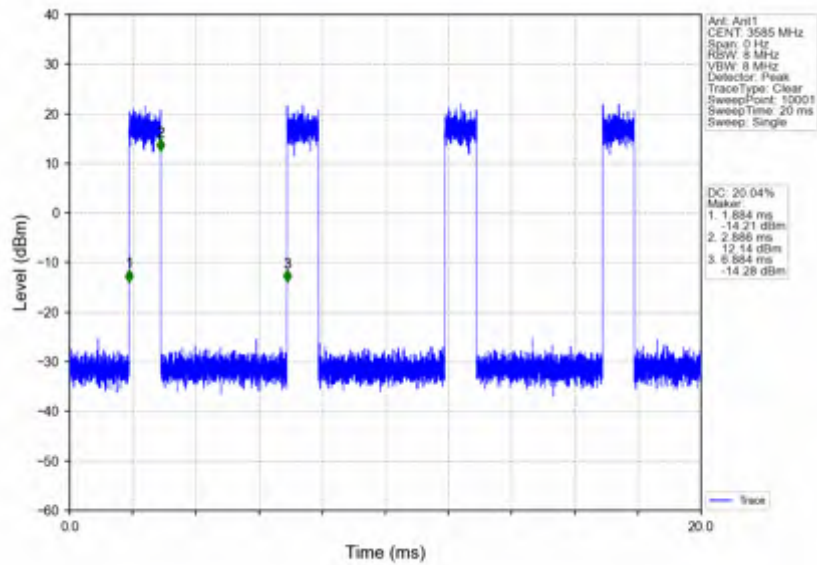
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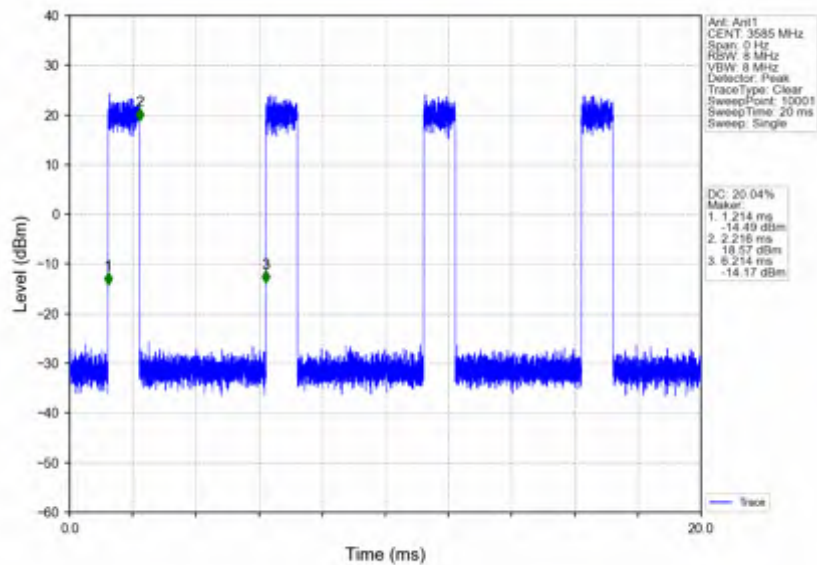
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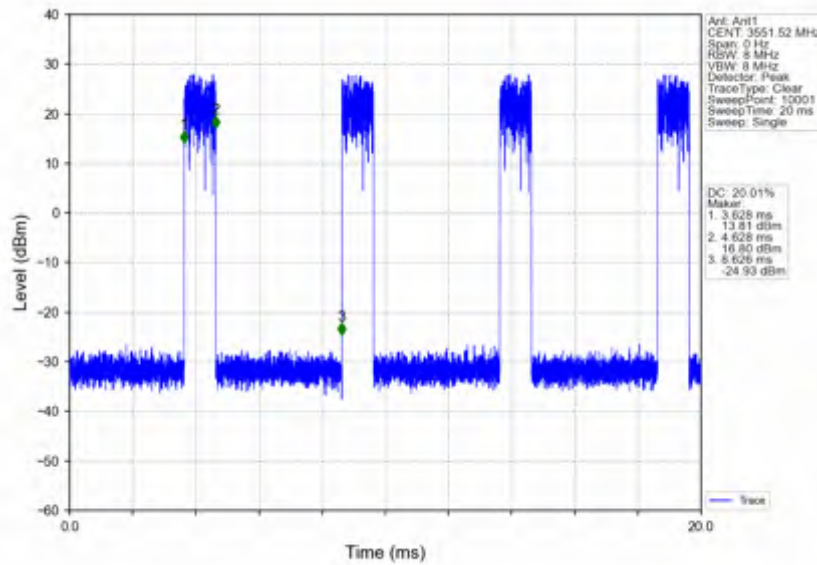
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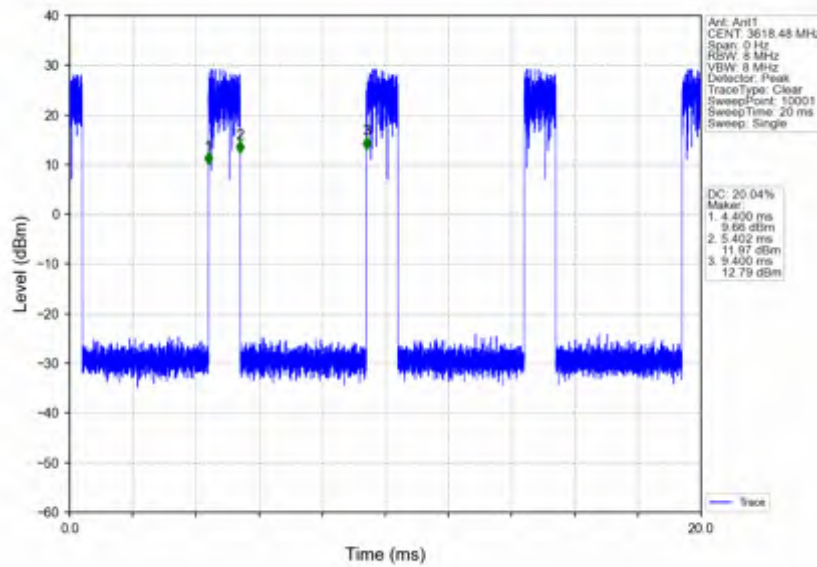
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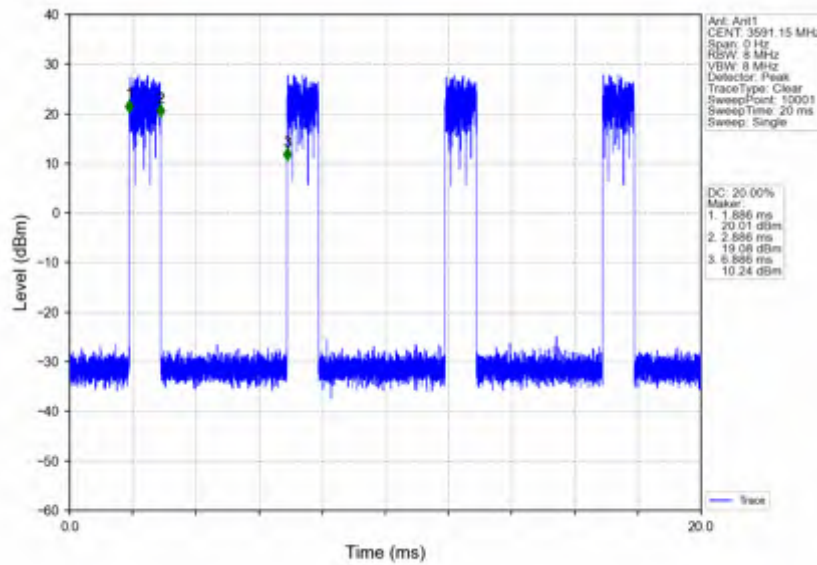
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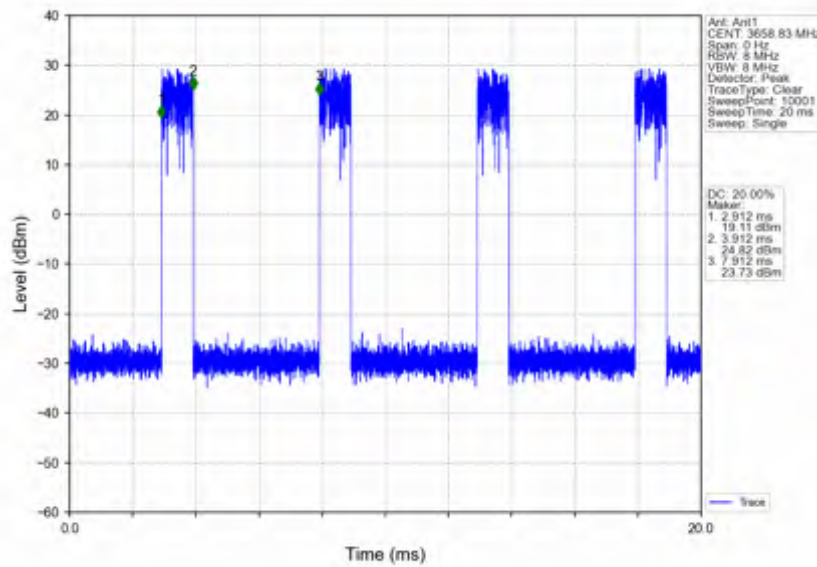
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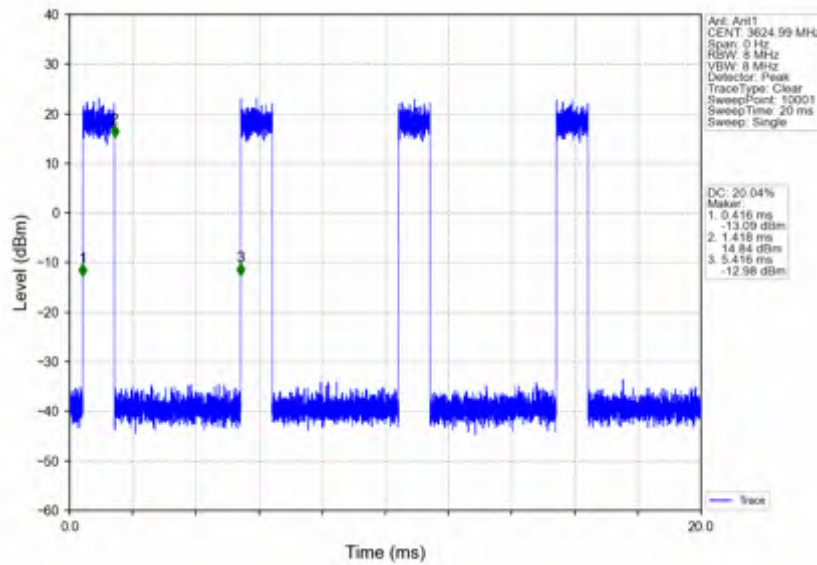
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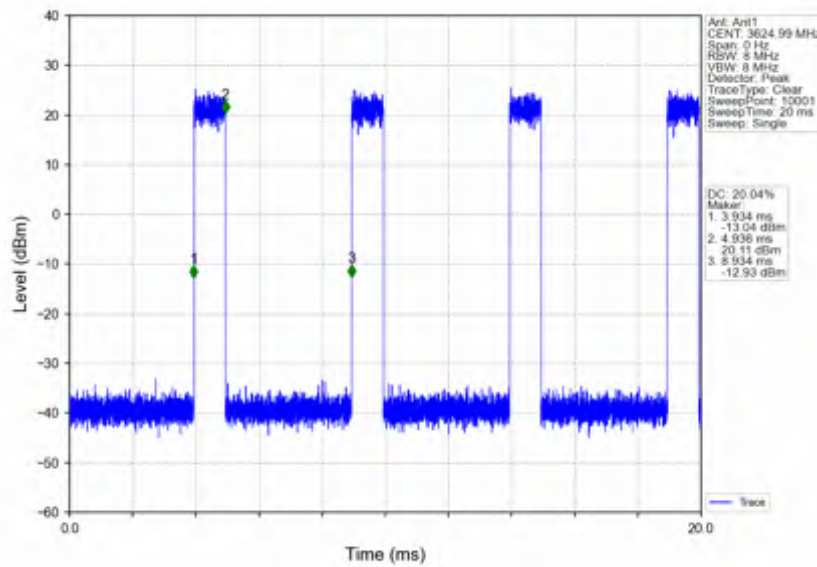
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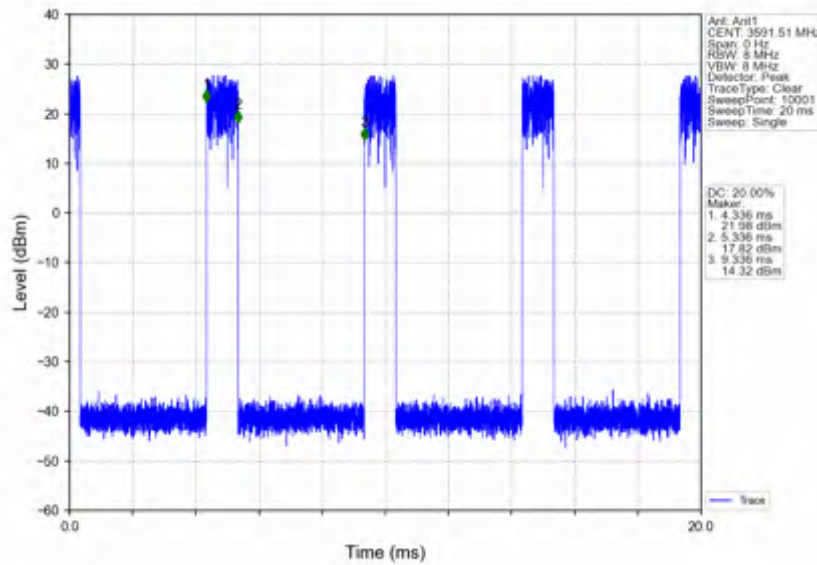
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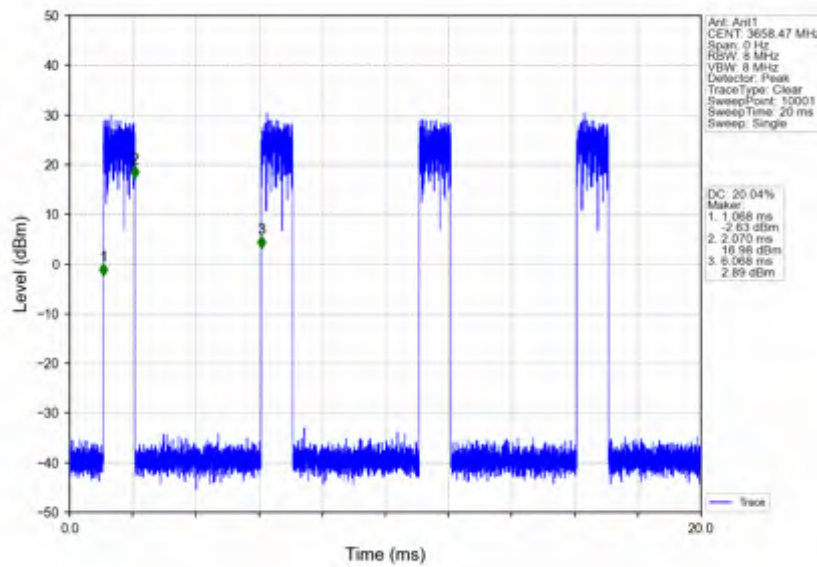
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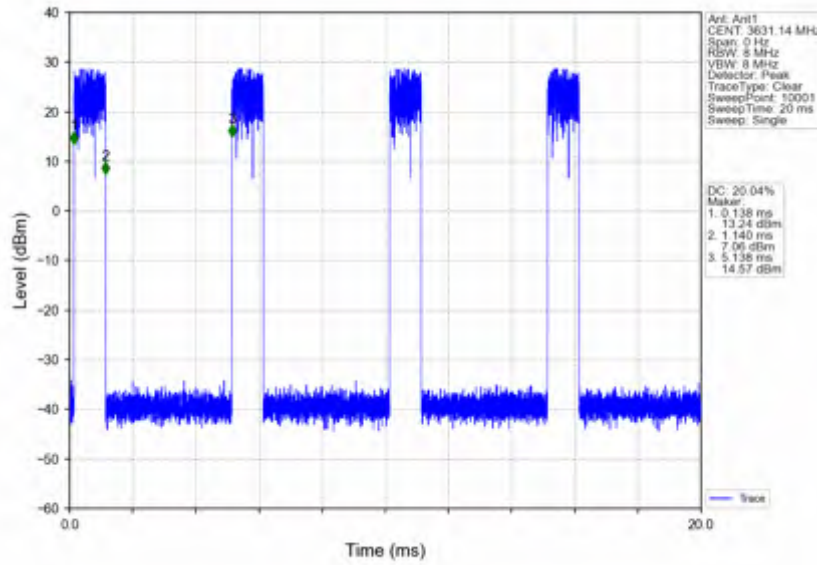


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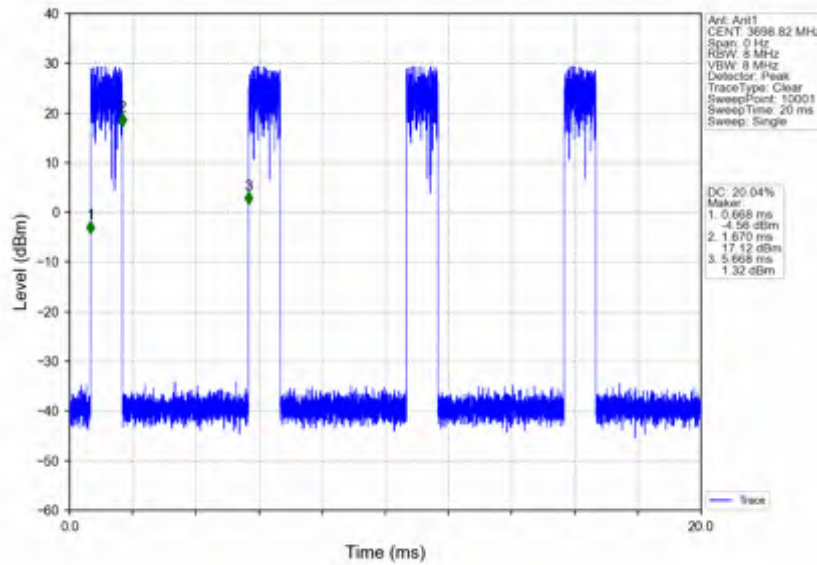




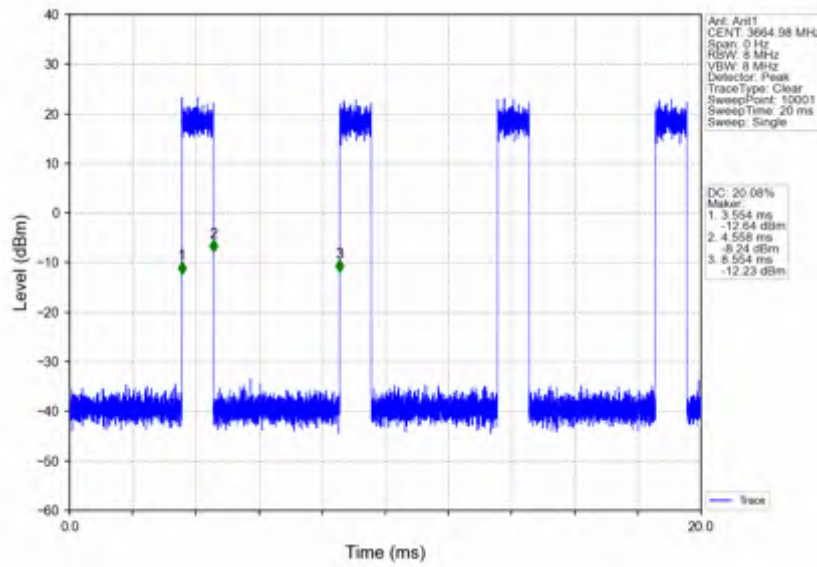
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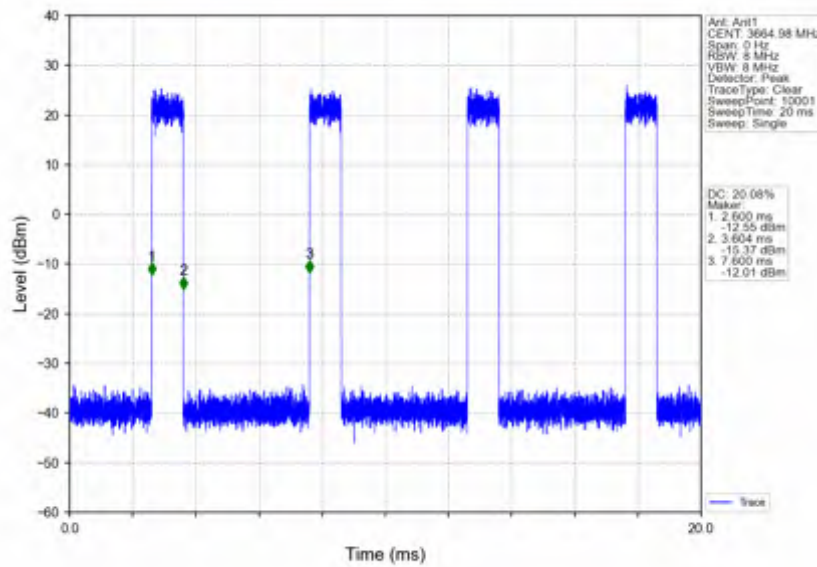
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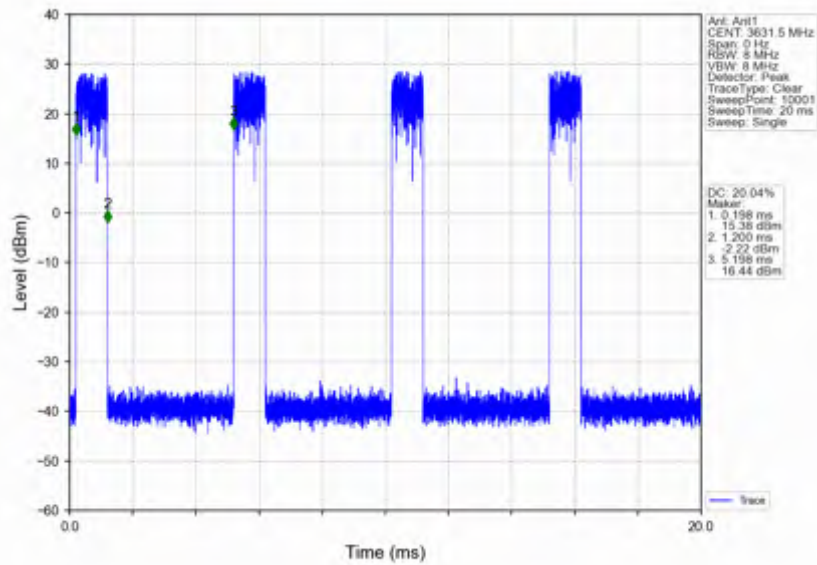
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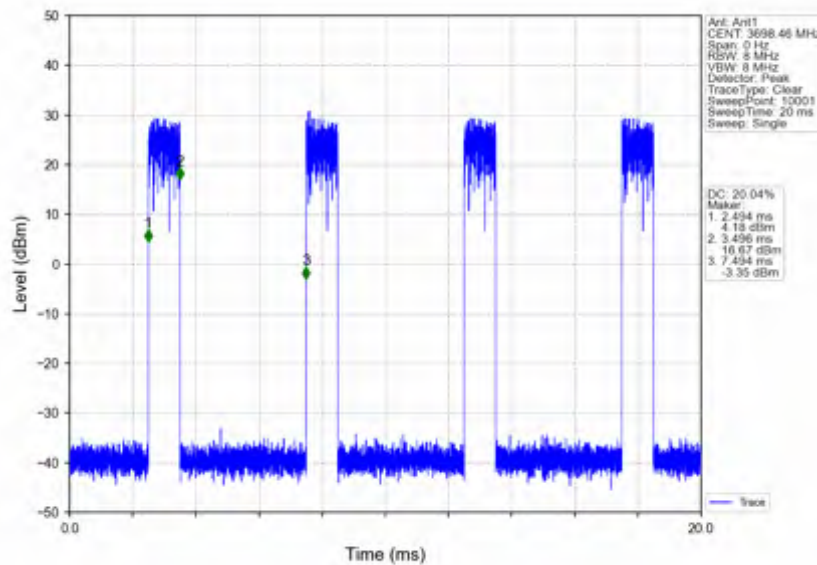
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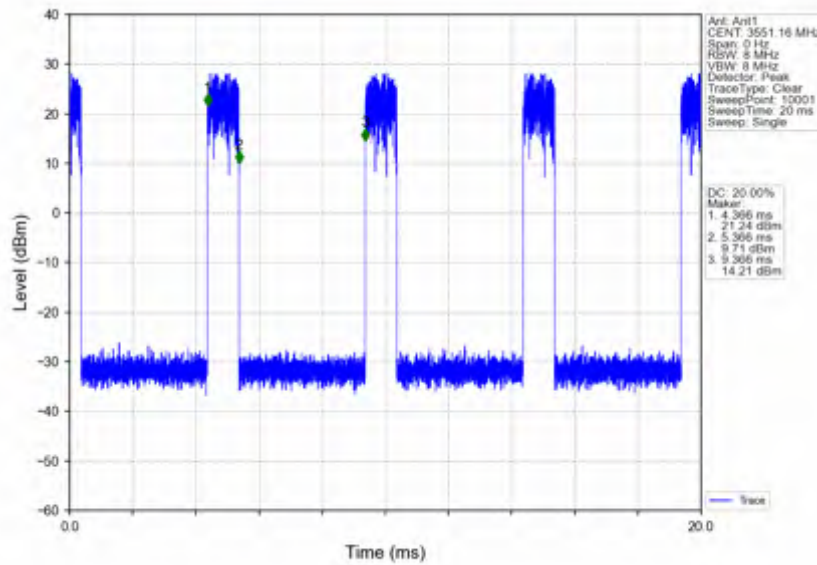
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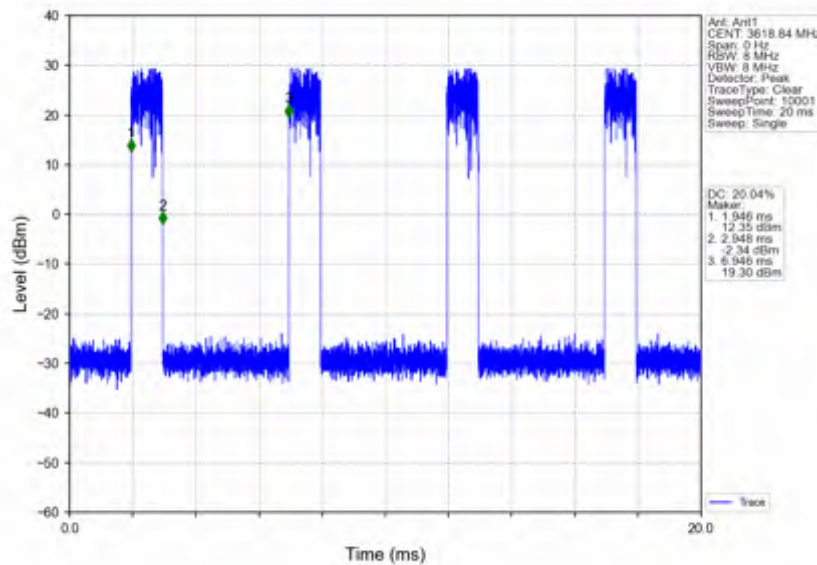
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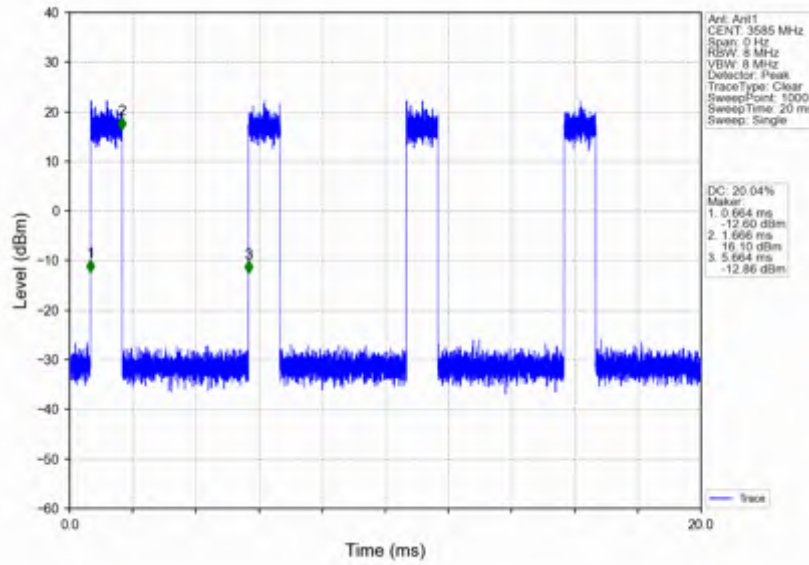
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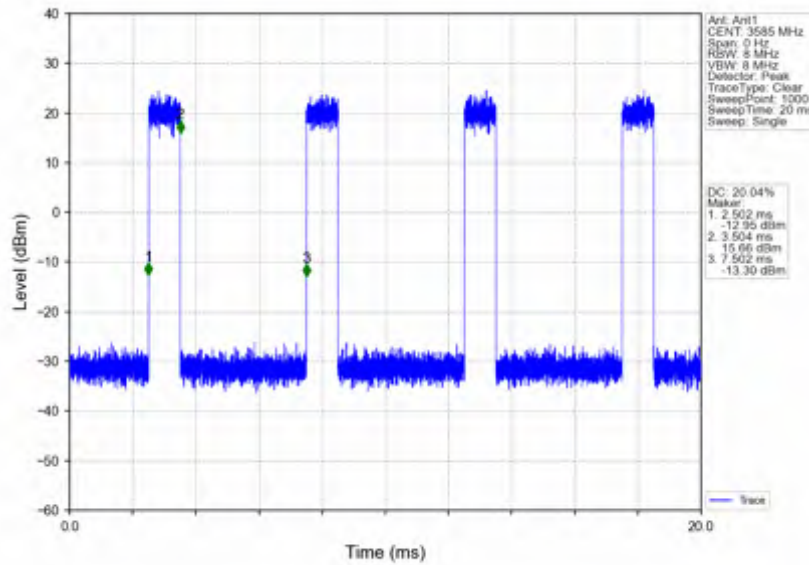
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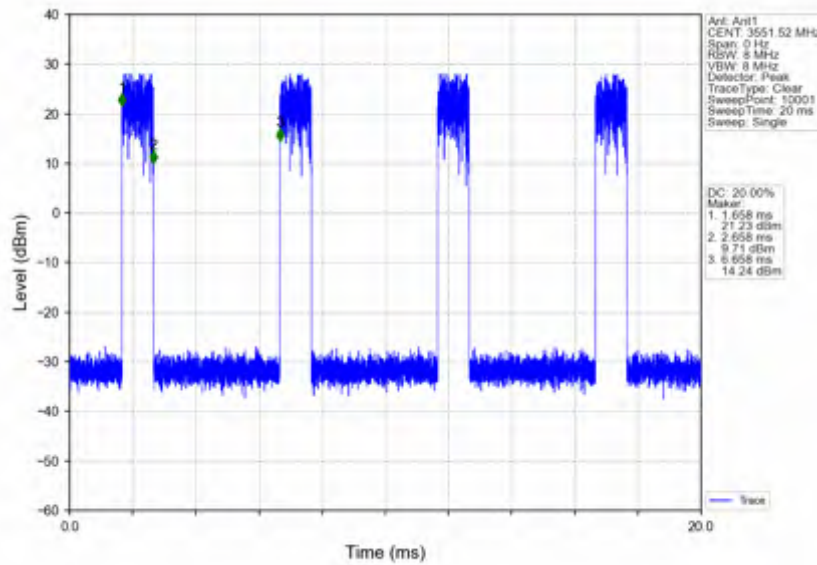
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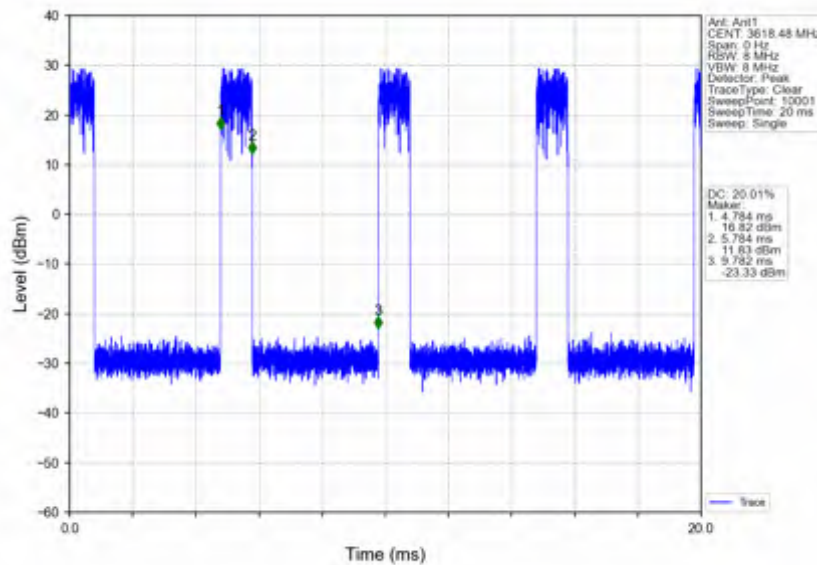
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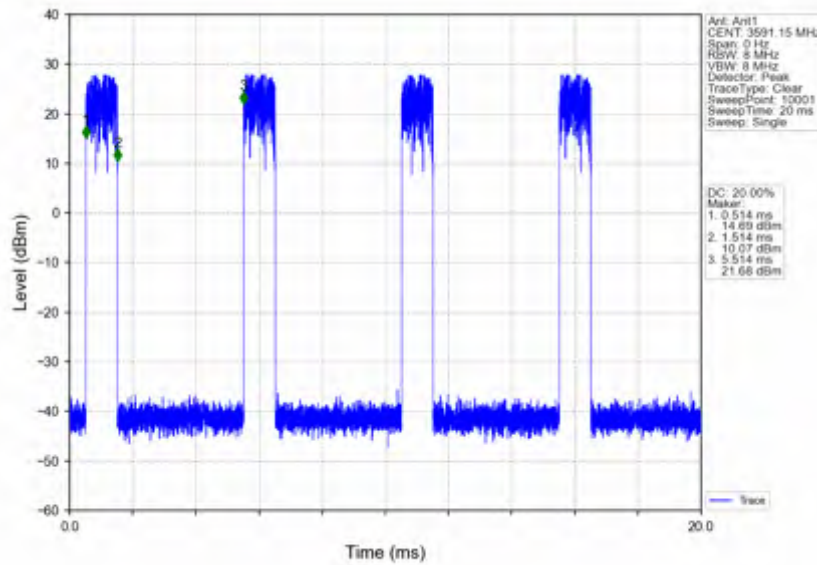
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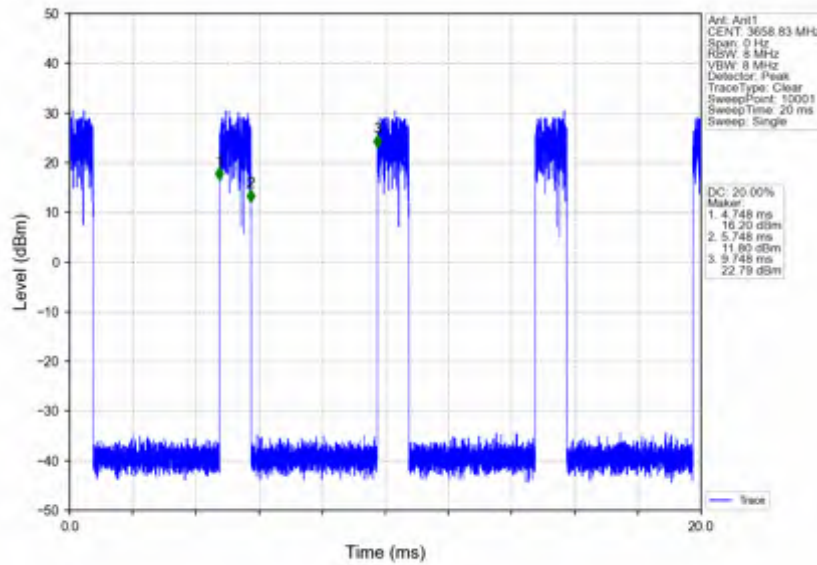
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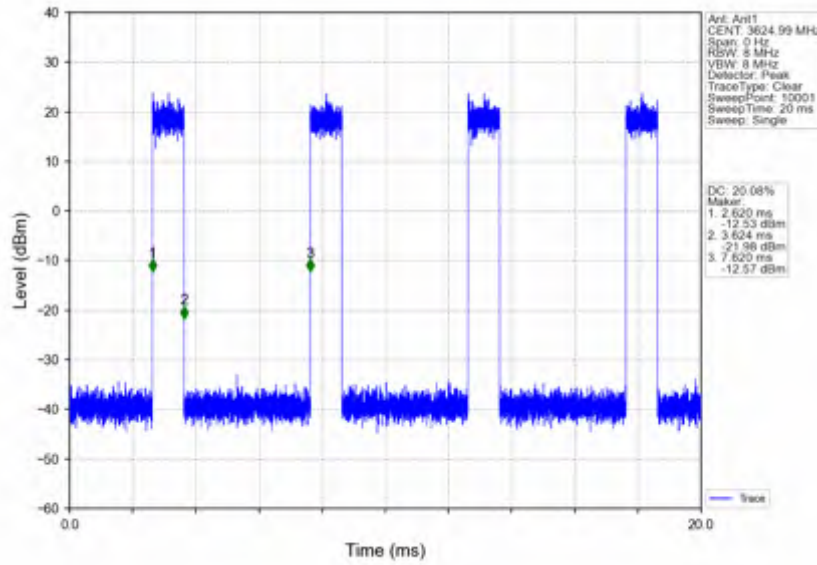
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Edge\_1RB\_Left



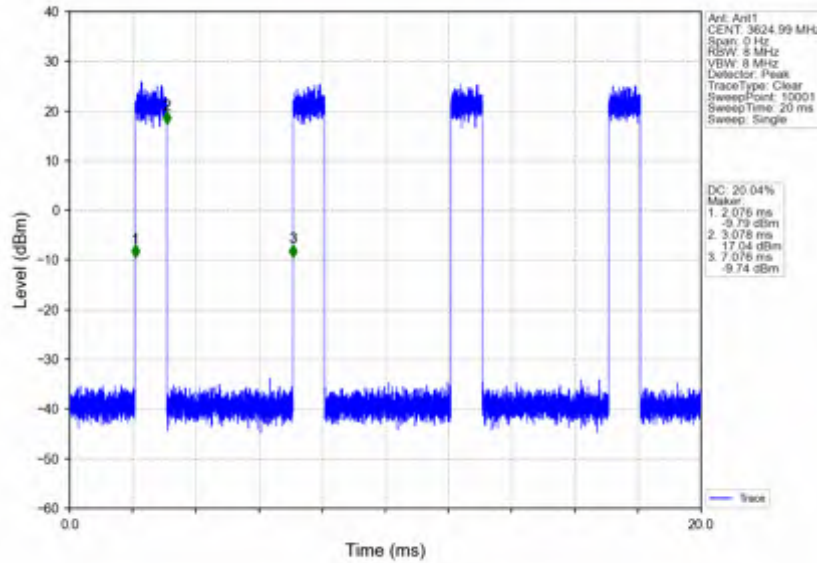
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Edge\_1RB\_Right



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Outer\_Full

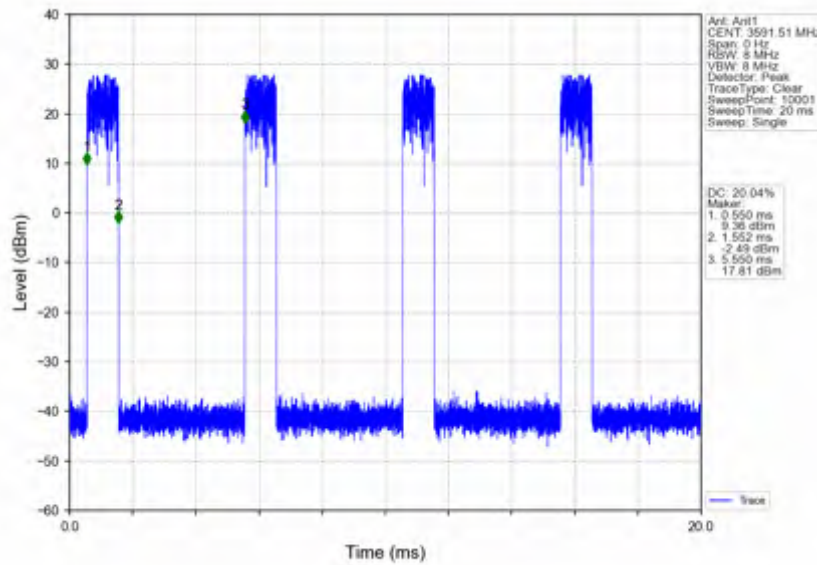


n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Inner\_Full

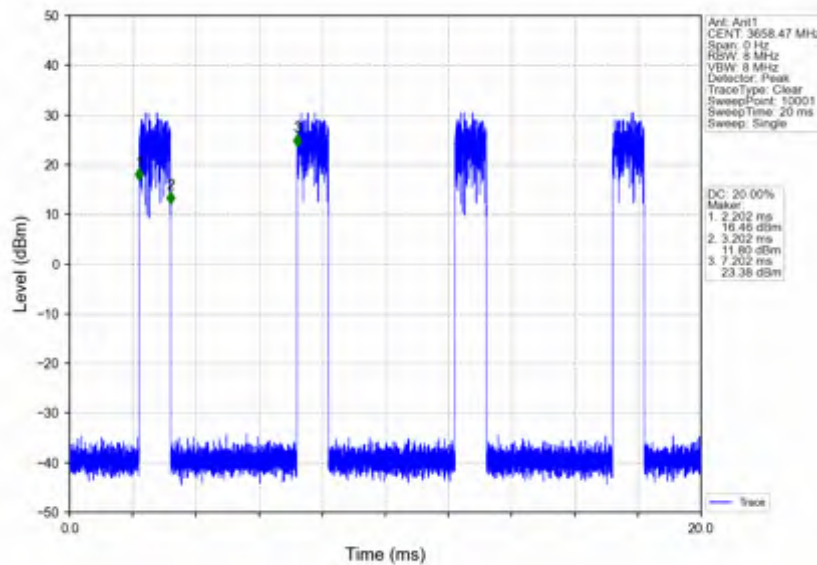




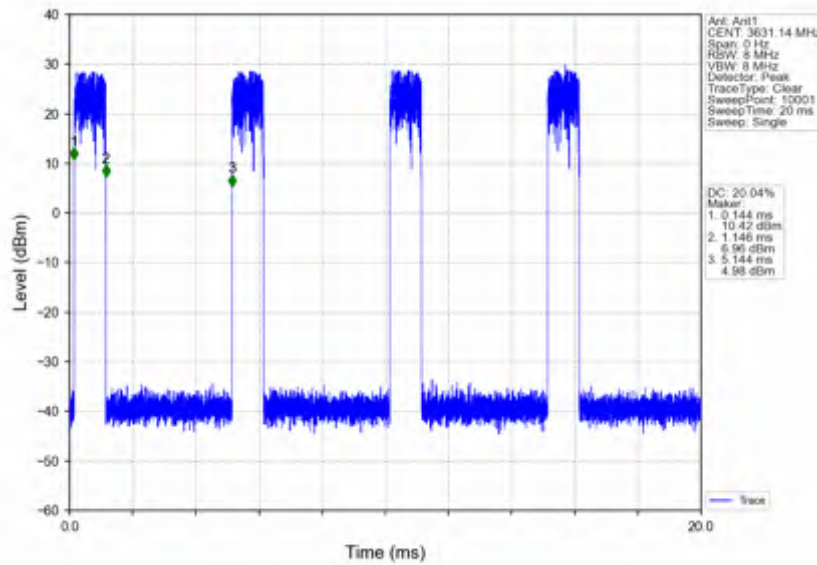
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Inner\_1RB\_Left



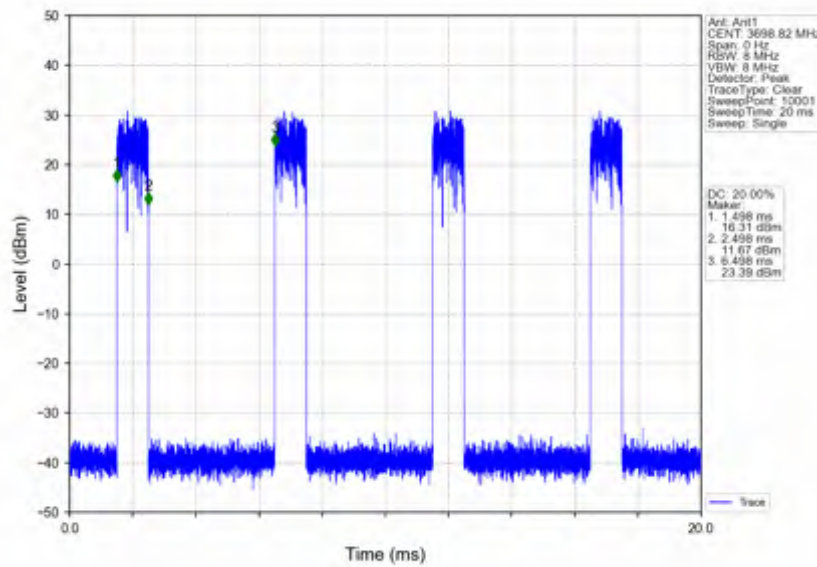
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Inner\_1RB\_Right



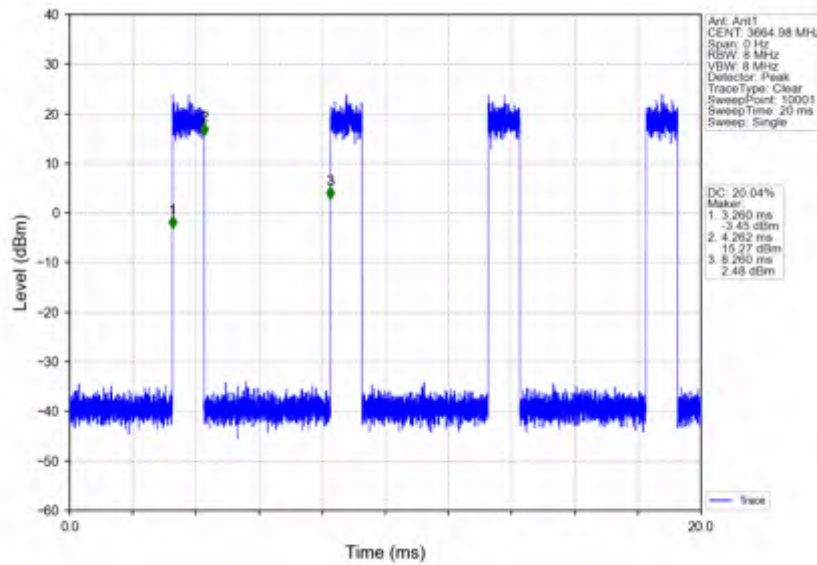
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3664.98MHz\_Edge\_1RB\_Left



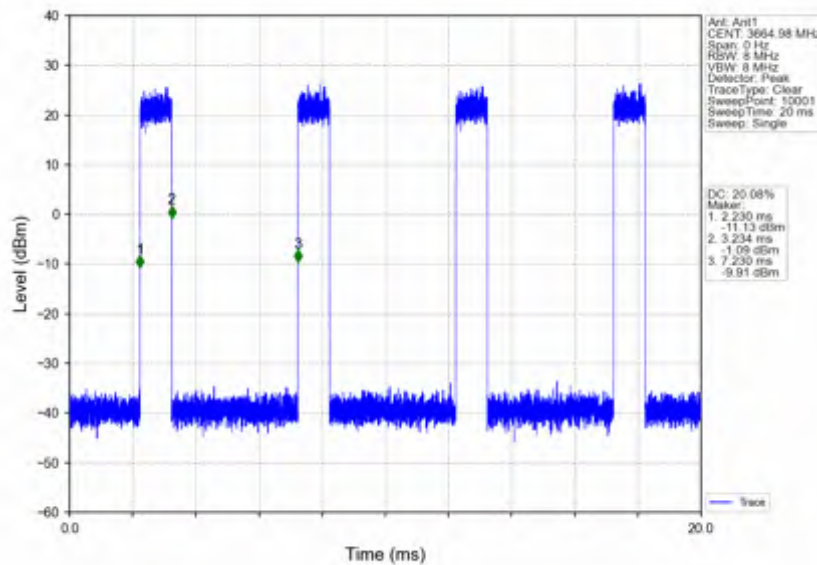
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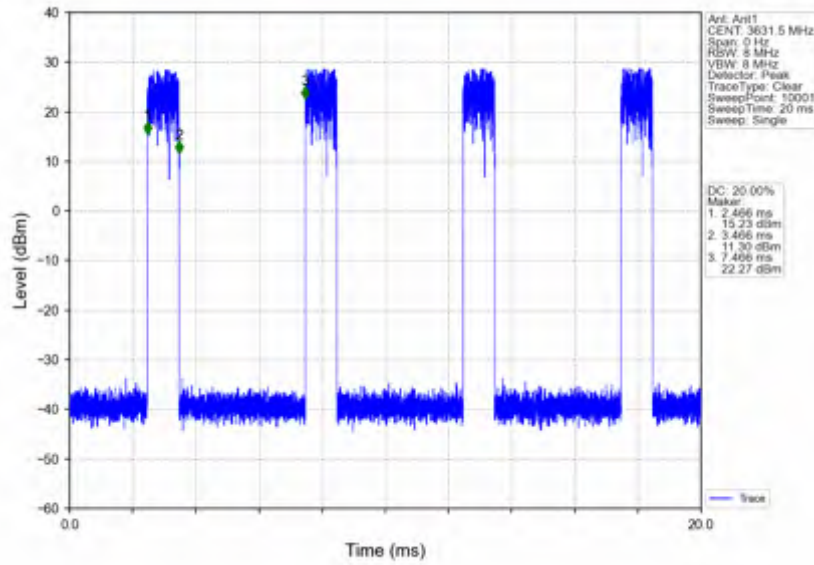
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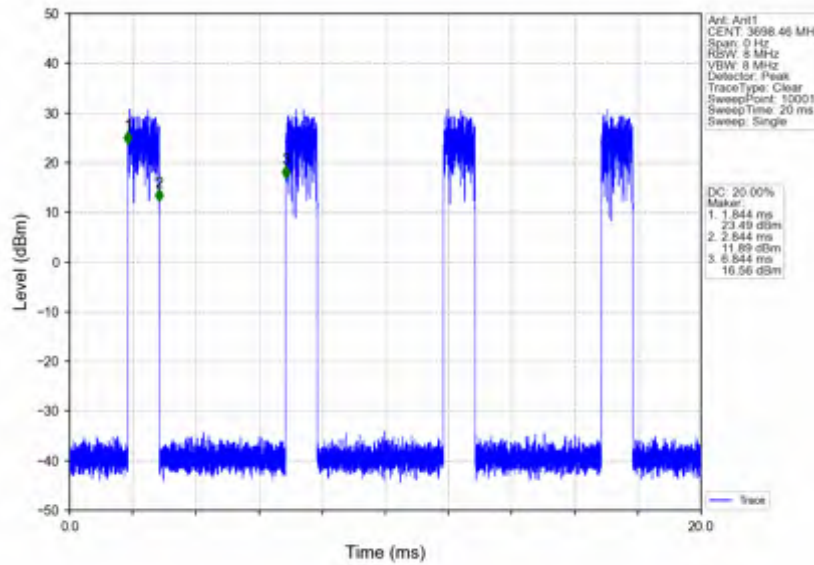
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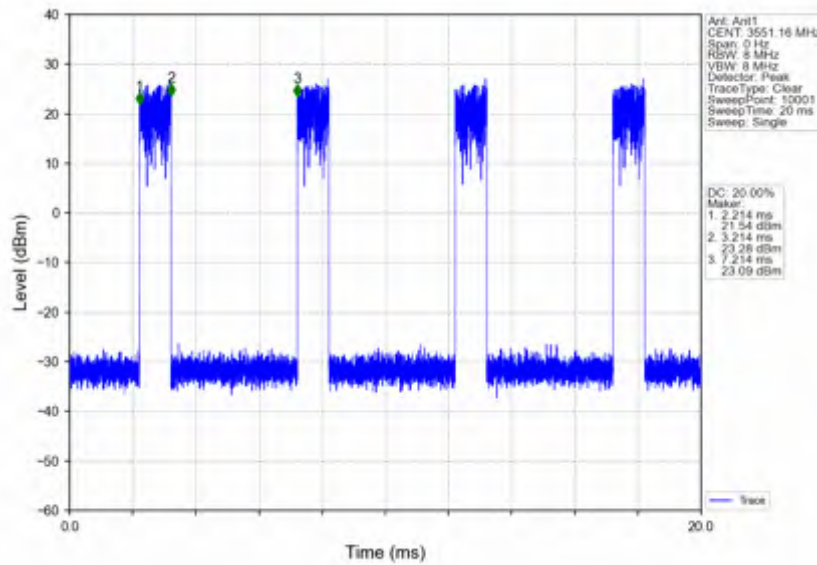
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3664.98MHz\_Inner\_1RB\_Left



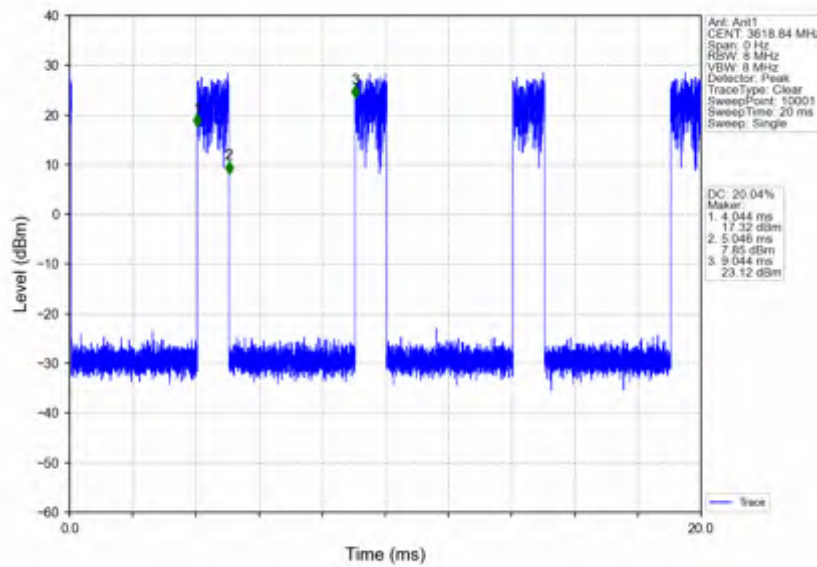
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 64 QAM\_3664.98MHz\_Inner\_1RB\_Right



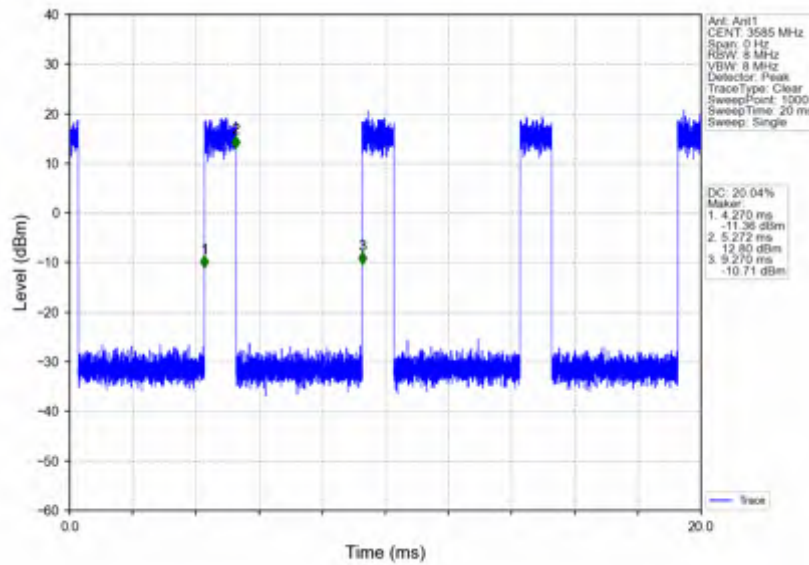
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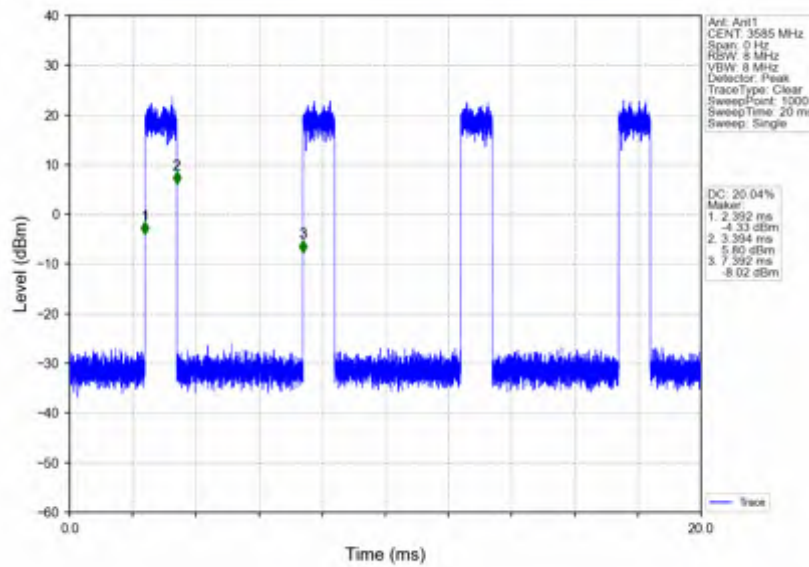
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 256 QAM\_3585MHz\_Edge\_1RB\_Right



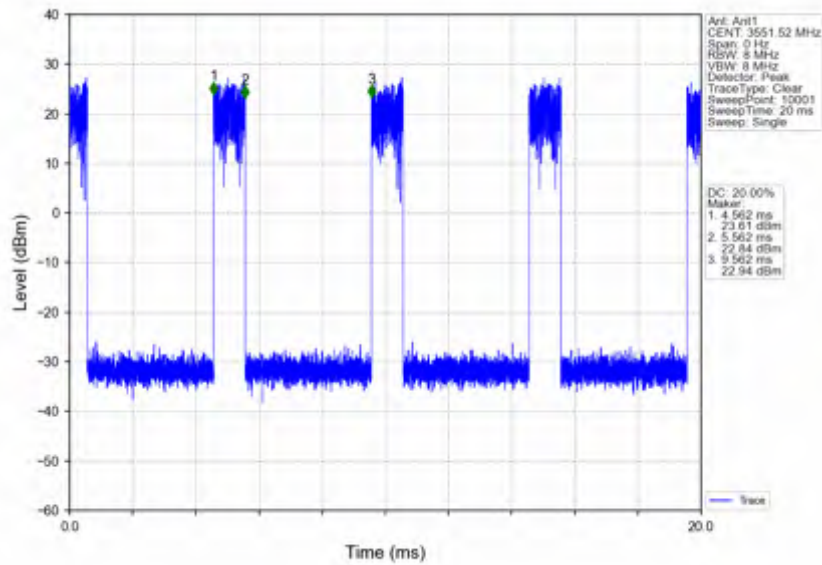
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 256 QAM\_3585MHz\_Outer\_Full



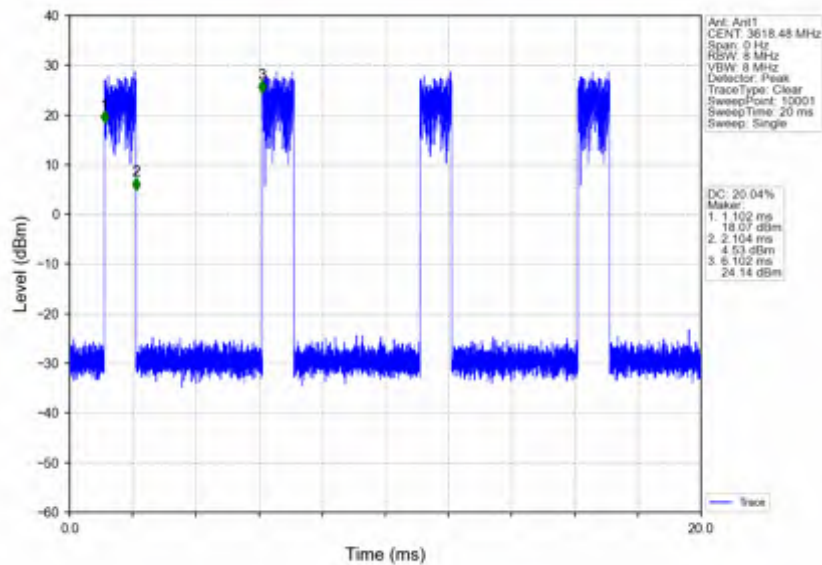
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 256 QAM\_3585MHz\_Inner\_Full



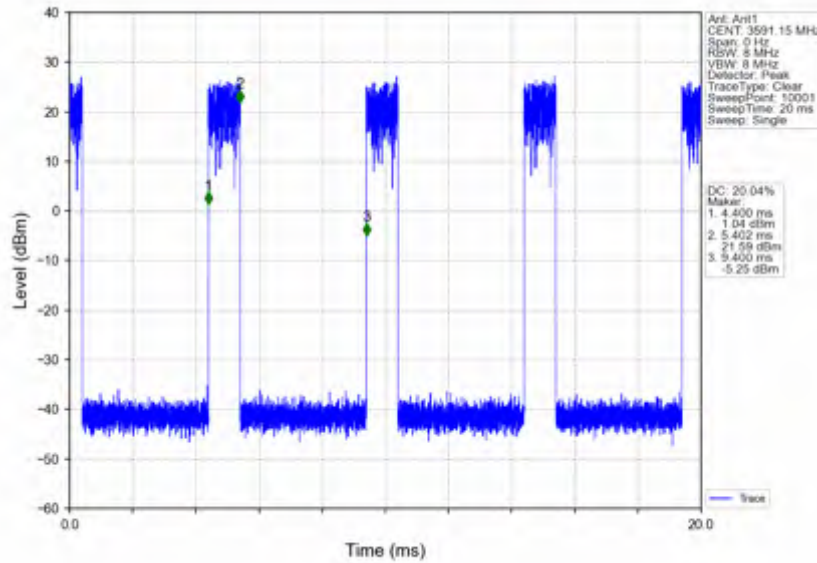
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 256 QAM\_3585MHz\_Inner\_1RB\_Left



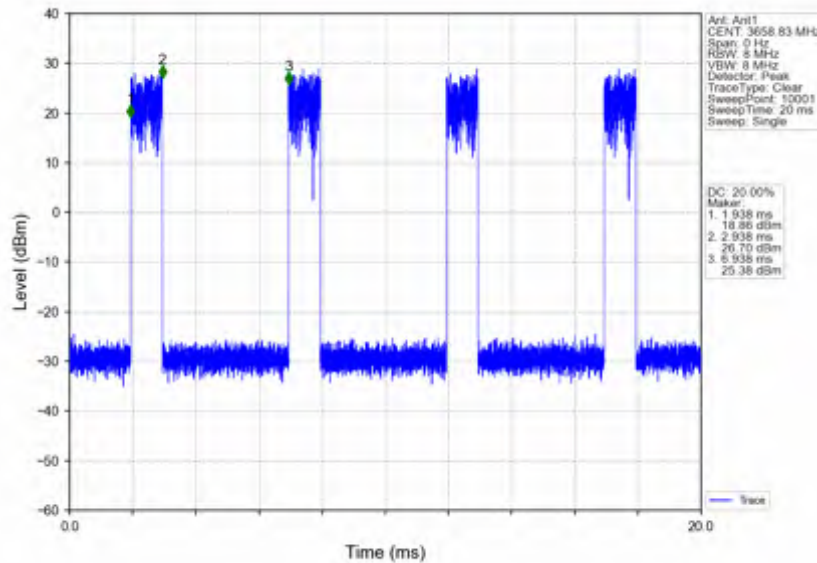
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 256 QAM\_3585MHz\_Inner\_1RB\_Right



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 256 QAM\_3624.99MHz\_Edge\_1RB\_Left

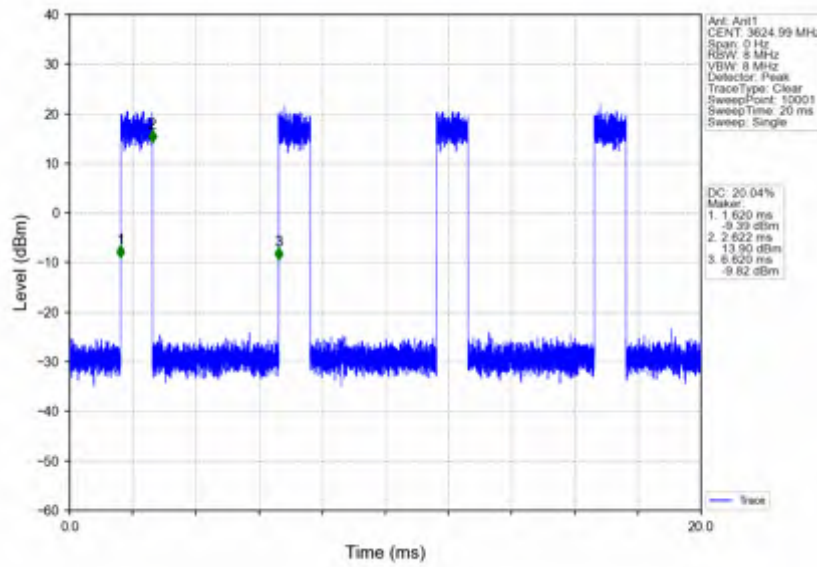


n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 256 QAM\_3624.99MHz\_Edge\_1RB\_Right

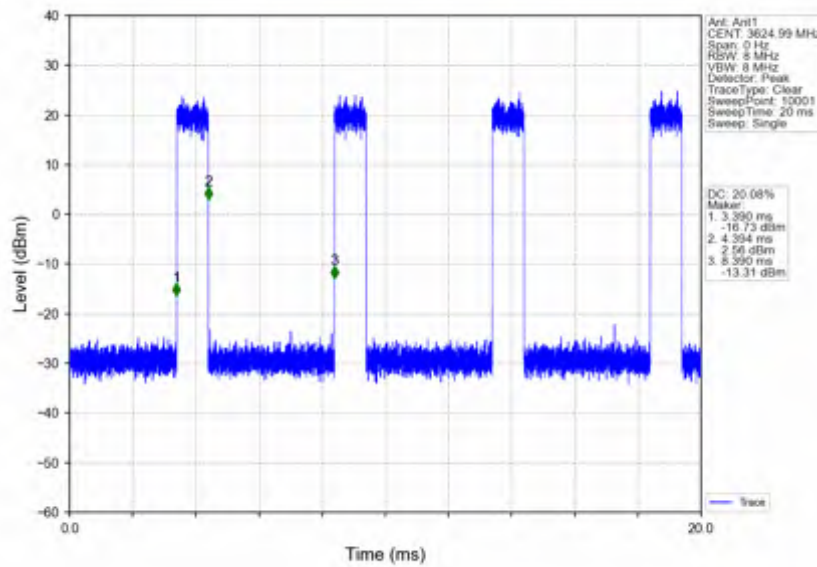




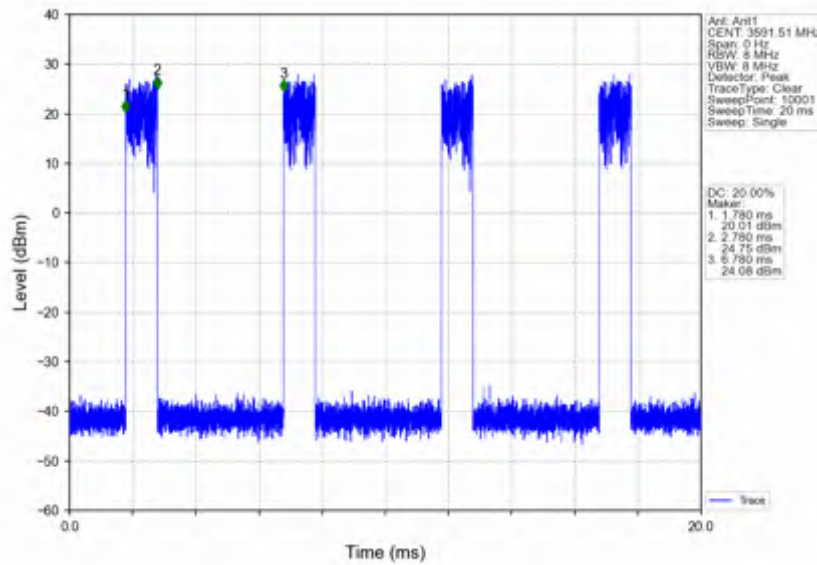
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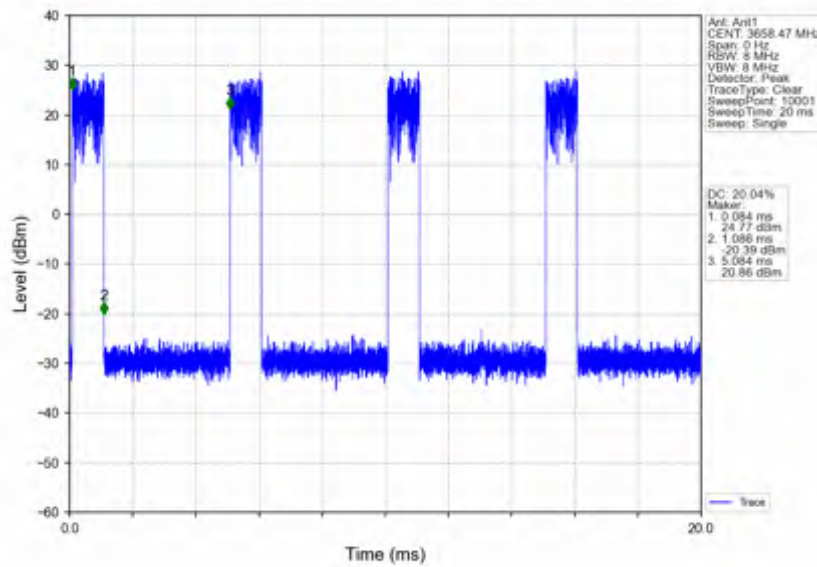
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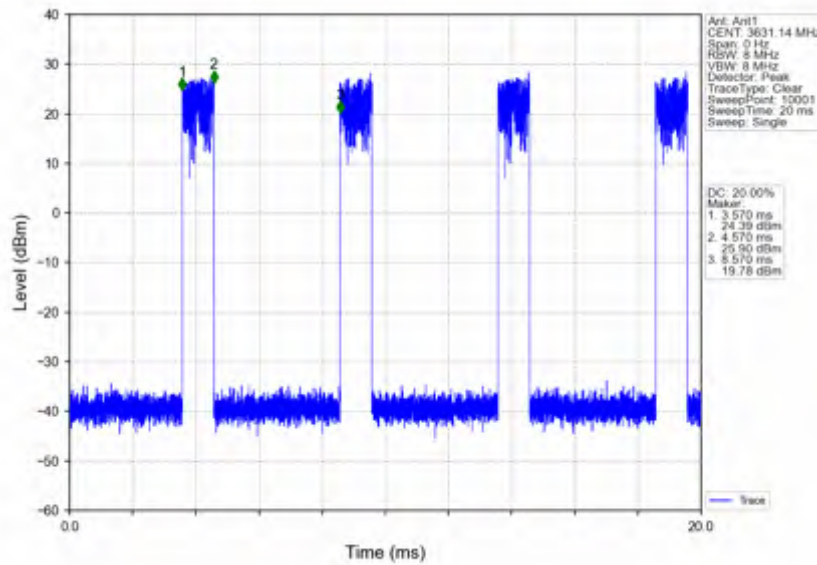
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 256 QAM\_3624.99MHz\_Inner\_1RB\_Left



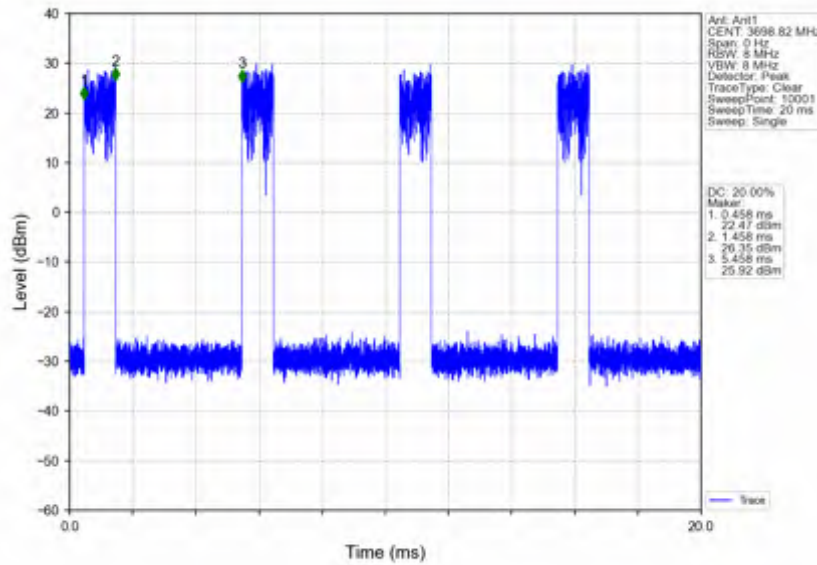
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 256 QAM\_3624.99MHz\_Inner\_1RB\_Right



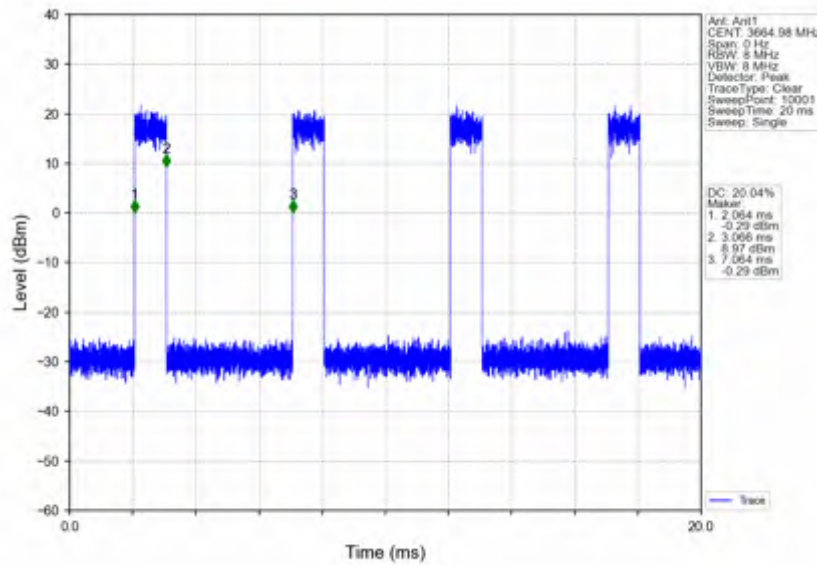
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 256 QAM\_3664.98MHz\_Edge\_1RB\_Left



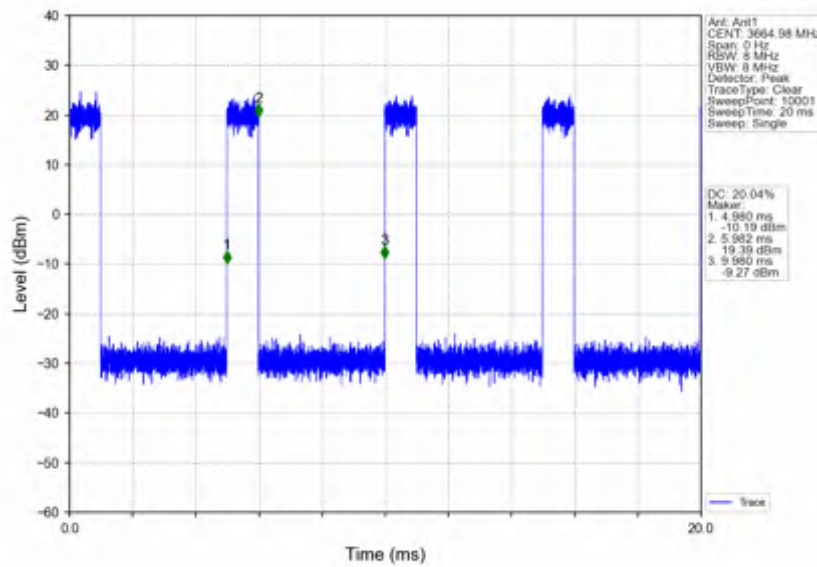
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 256 QAM\_3664.98MHz\_Edge\_1RB\_Right



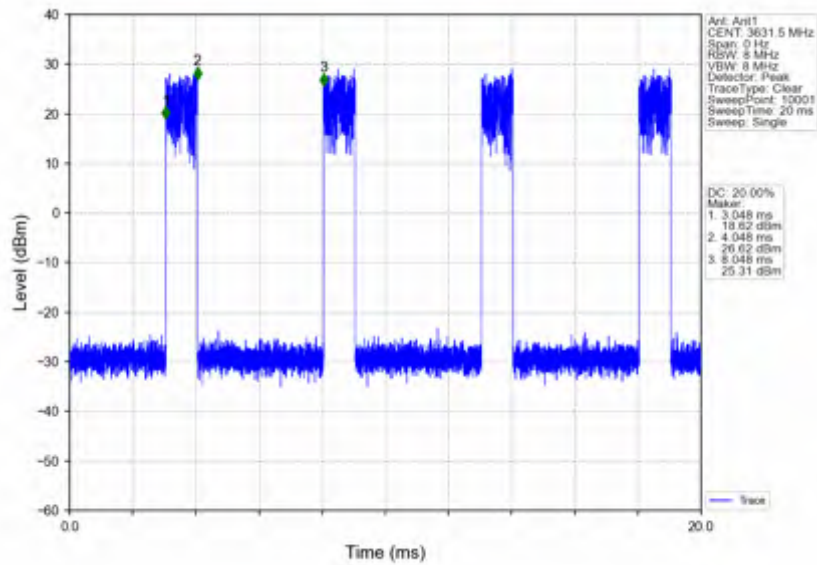
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 256 QAM\_3664.98MHz\_Outer\_Full



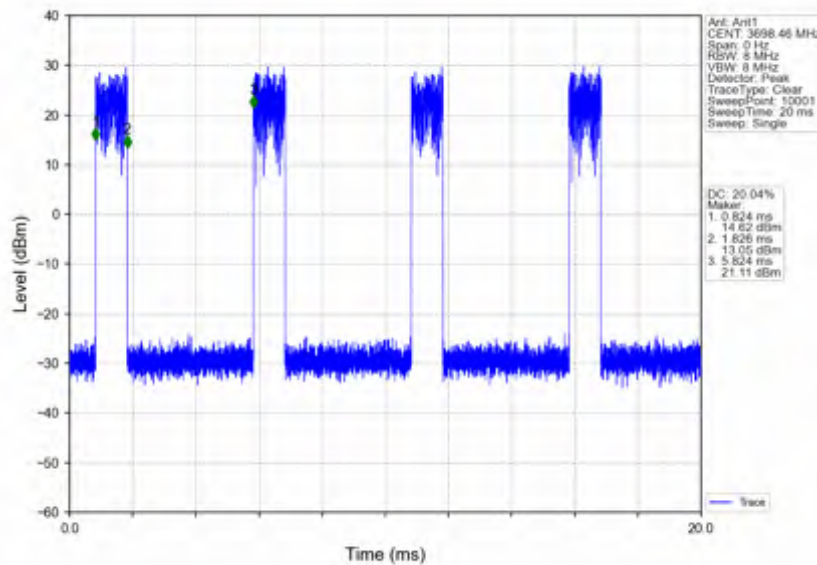
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 256 QAM\_3664.98MHz\_Inner\_Full



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 256 QAM\_3664.98MHz\_Inner\_1RB\_Left



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM 256 QAM\_3664.98MHz\_Inner\_1RB\_Right



1.7 30k\_SISO\_80MHz\_NTNV

1.7.1 Test Result

5G NR n78(3550-3700MHz) 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	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.04
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3660	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.03
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM QPSK	3590.01	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.004	5.000	20.08	6.97	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3660	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.004	5.000	20.08	6.97	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM 16 QAM	3590.01	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00

	3660	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
DFT-s-OFDM 64 QAM	3590.01	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.03
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3660	Edge_1RB_Left	1.000	4.998	20.01	6.99	0.03
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM 256 QAM	3590.01	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3660	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
CP-OFDM QPSK	3590.01	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3624.99	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3660	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.04

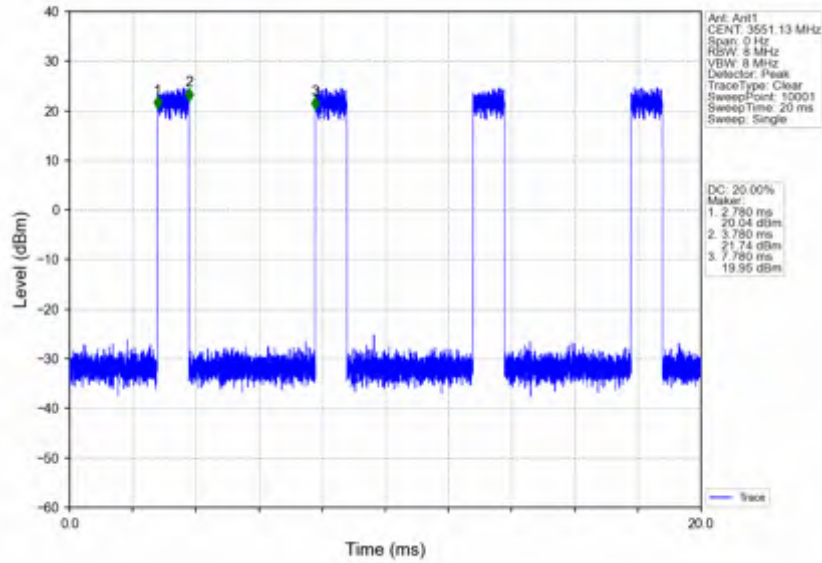
CP-OFDM 16 QAM	3590.01	Inner_Full	1.002	5.000	20.04	6.98	0.00	
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00	
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00	
	3624.99	3590.01	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
			Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
			Outer_Full	1.002	5.000	20.04	6.98	0.00
		3660	Inner_Full	1.002	5.000	20.04	6.98	0.00
			Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
			Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
CP-OFDM 64 QAM	3590.01	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00	
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00	
		Outer_Full	1.002	5.000	20.04	6.98	0.03	
	3624.99	3590.01	Inner_Full	1.002	5.000	20.04	6.98	0.00
			Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
			Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
		3660	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
			Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
			Outer_Full	1.002	5.000	20.04	6.98	0.00
CP-OFDM 256 QAM	3590.01	Inner_Full	1.002	5.000	20.04	6.98	0.00	
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00	
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00	
	3624.99	3590.01	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
			Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
			Outer_Full	1.002	5.000	20.04	6.98	0.00
		3660	Inner_Full	1.002	5.000	20.04	6.98	0.00
			Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
			Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
CP-OFDM 256 QAM	3590.01	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00	
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00	
		Outer_Full	1.002	5.000	20.04	6.98	0.00	
	3624.99	3590.01	Inner_Full	1.002	5.000	20.04	6.98	0.00
			Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
			Inner_1RB_Right	1.000	5.000	20.00	6.99	0.04
		3660	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
			Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
			Outer_Full	1.002	5.000	20.04	6.98	0.00
3660	3624.99	Inner_Full	1.002	5.000	20.04	6.98	0.00	
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00	
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.04	
	3660	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00	
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00	
		Outer_Full	1.002	5.000	20.04	6.98	0.00	
3660	Inner_Full	1.002	5.000	20.04	6.98	0.00		
	Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00		
	Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00		



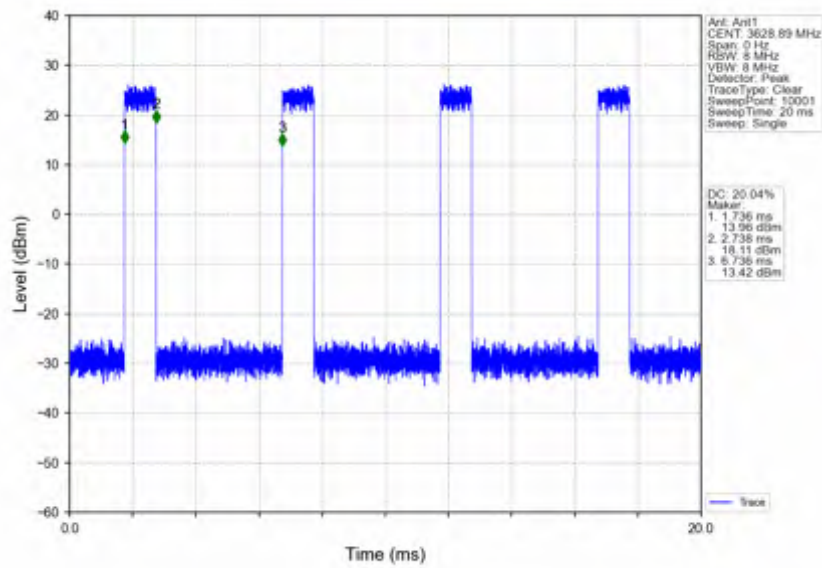


1.7.2 Test Graph

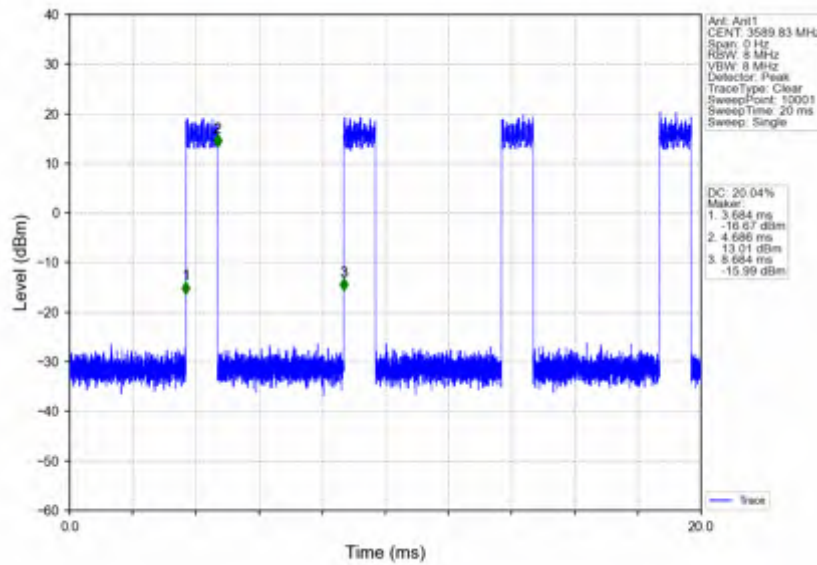
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM PI/2 BPSK\_3590.01MHz\_Edge\_1RB\_Left



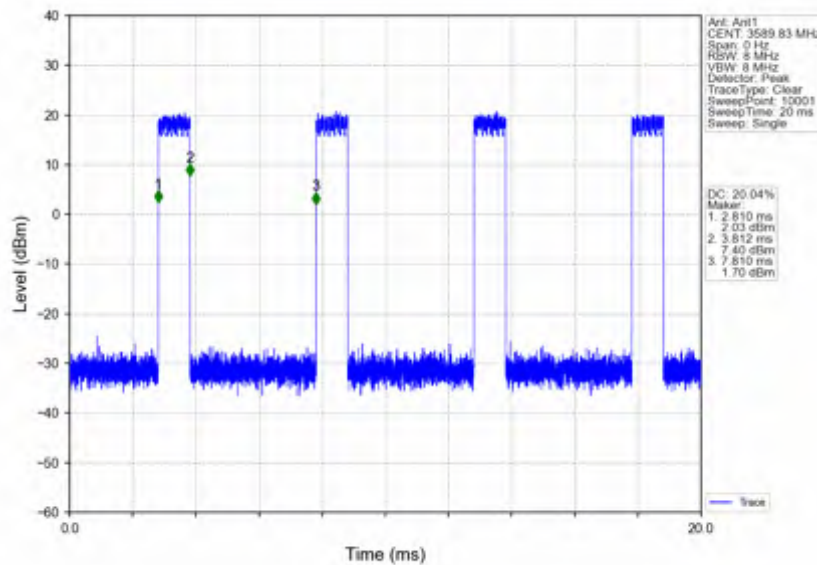
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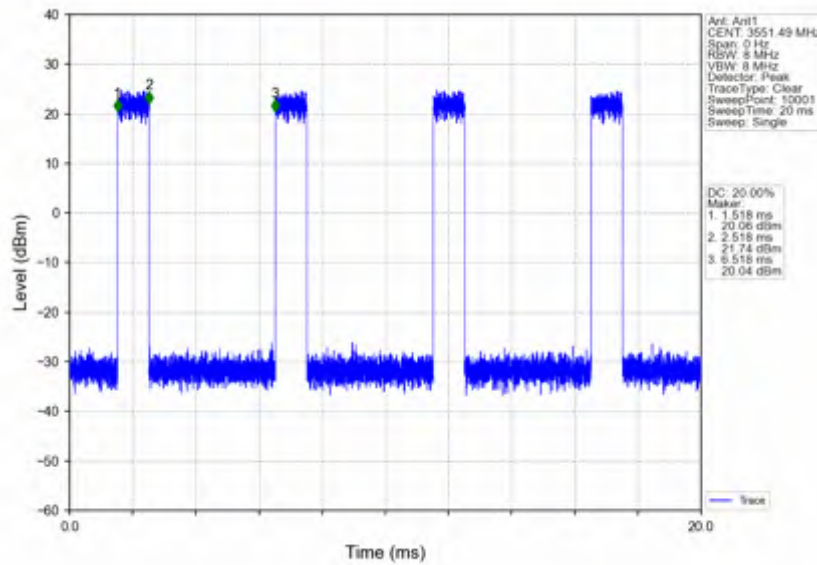
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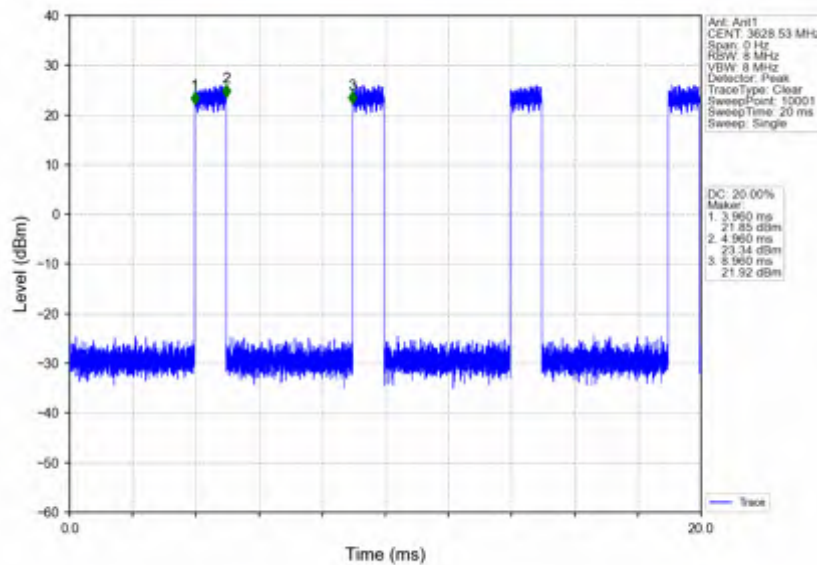
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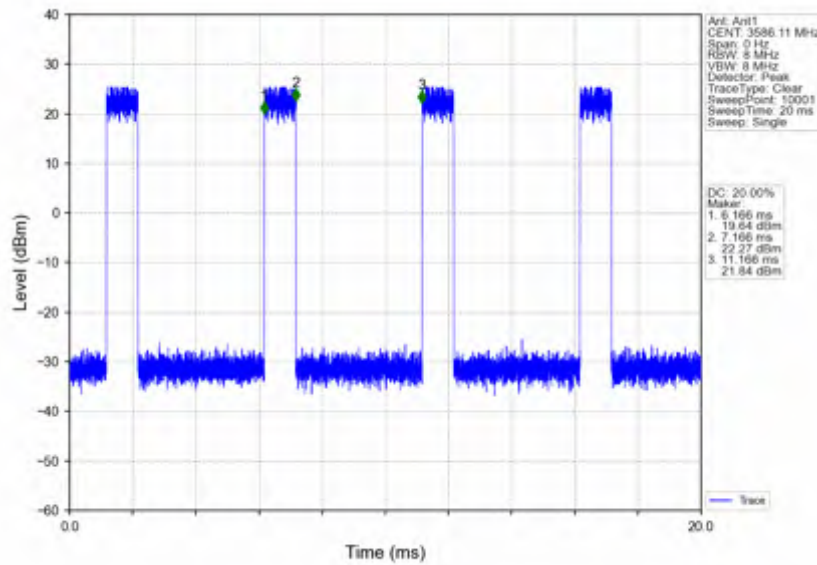
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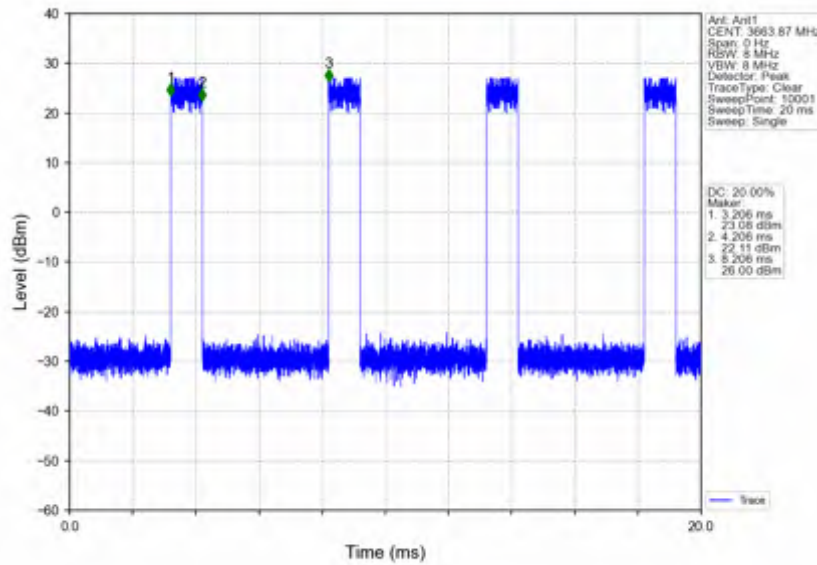
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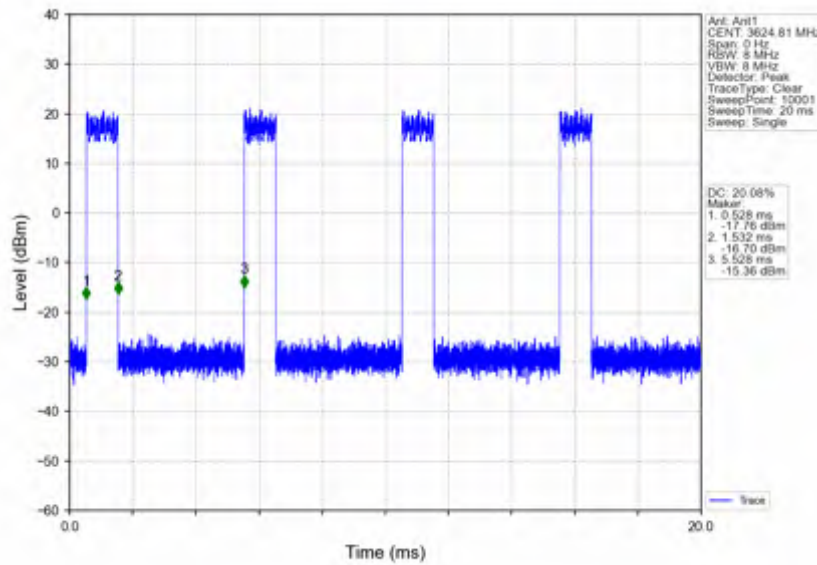
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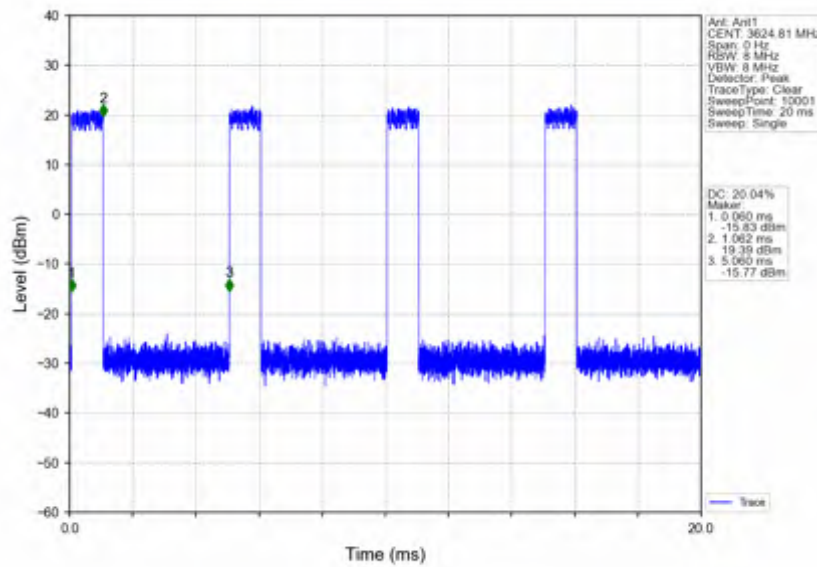
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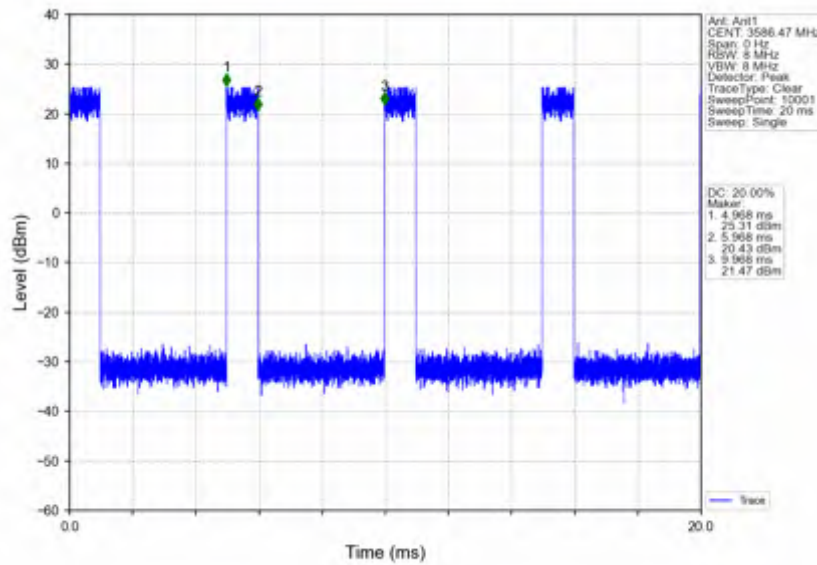
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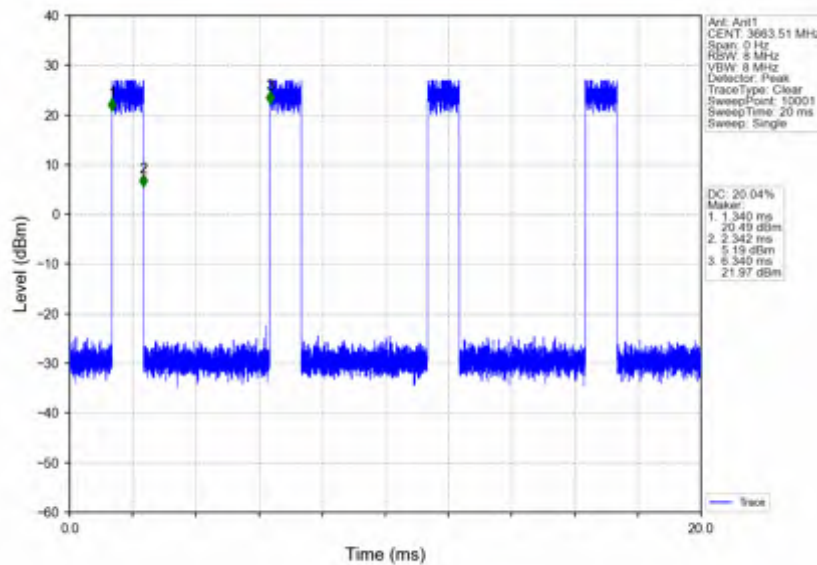
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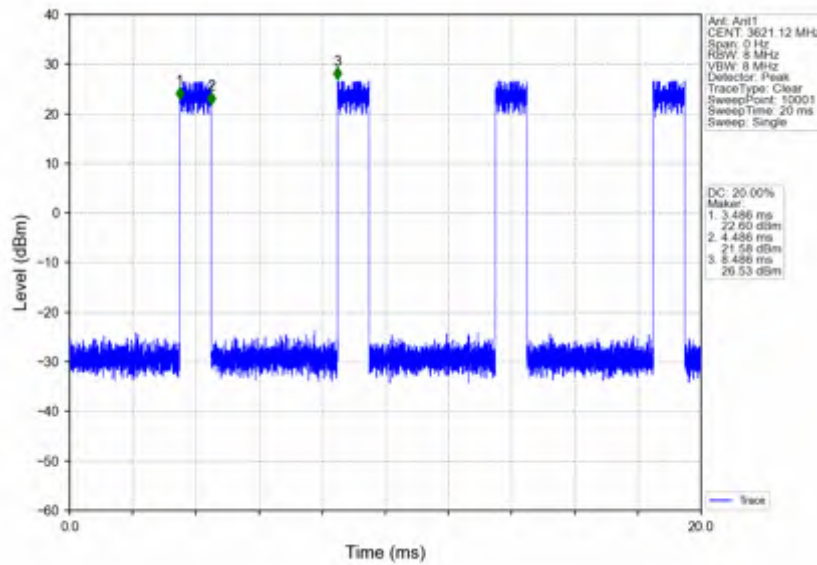
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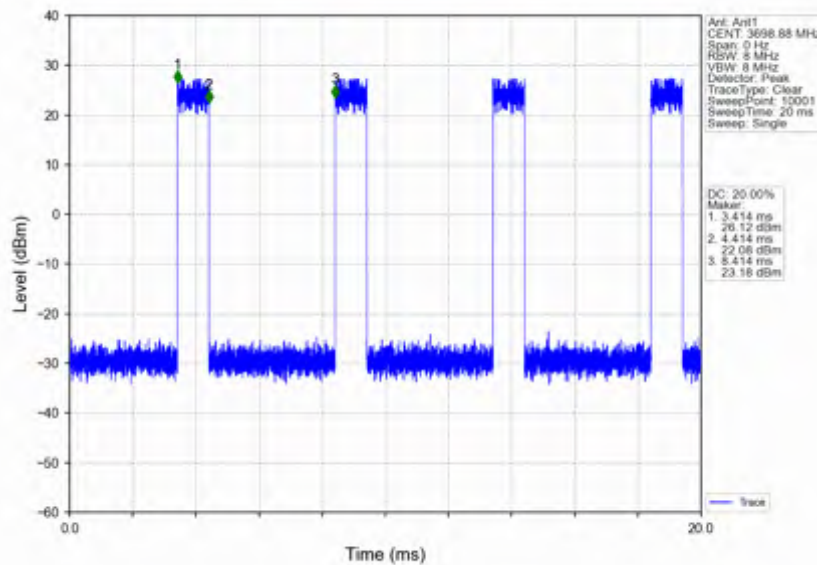
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Inner\_1RB\_Right



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM PI/2 BPSK\_3660MHz\_Edge\_1RB\_Left

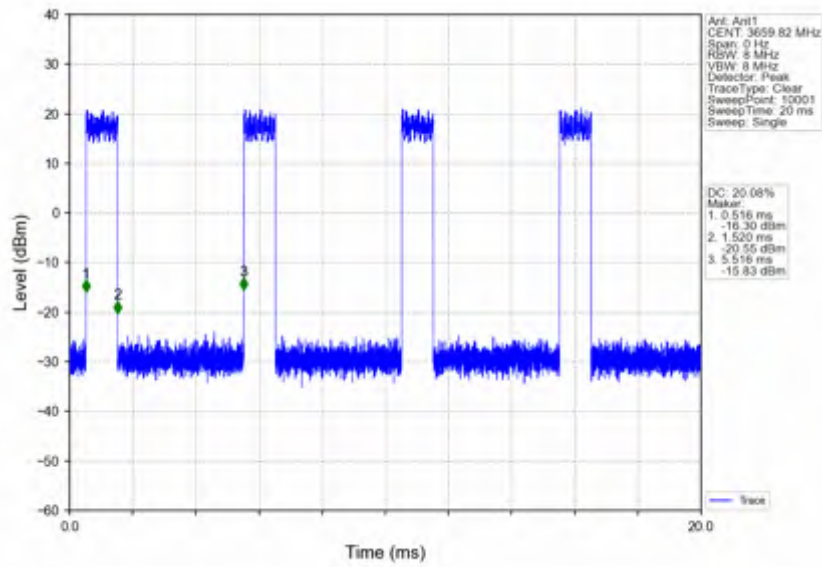


n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM PI/2 BPSK\_3660MHz\_Edge\_1RB\_Right

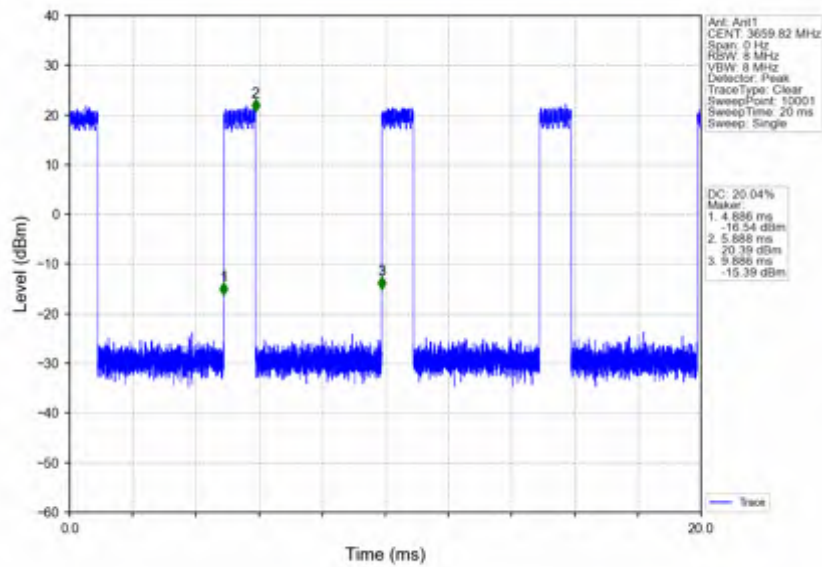




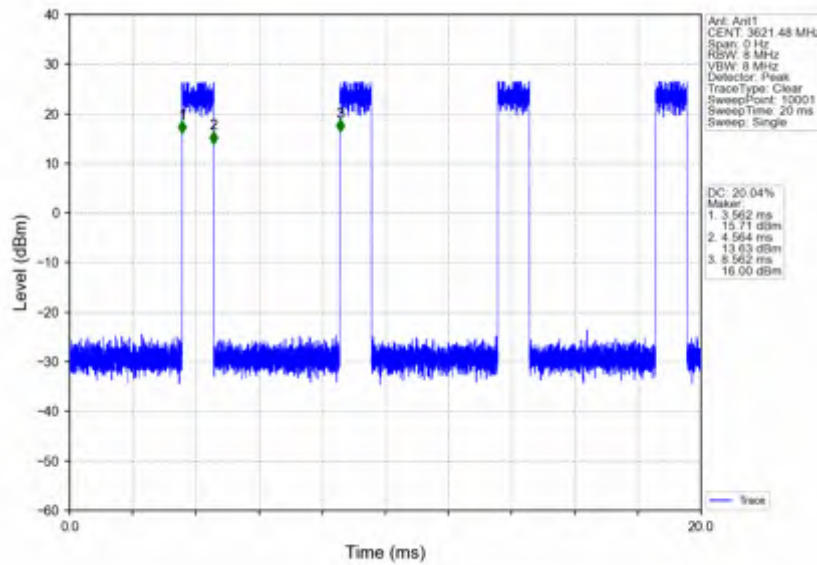
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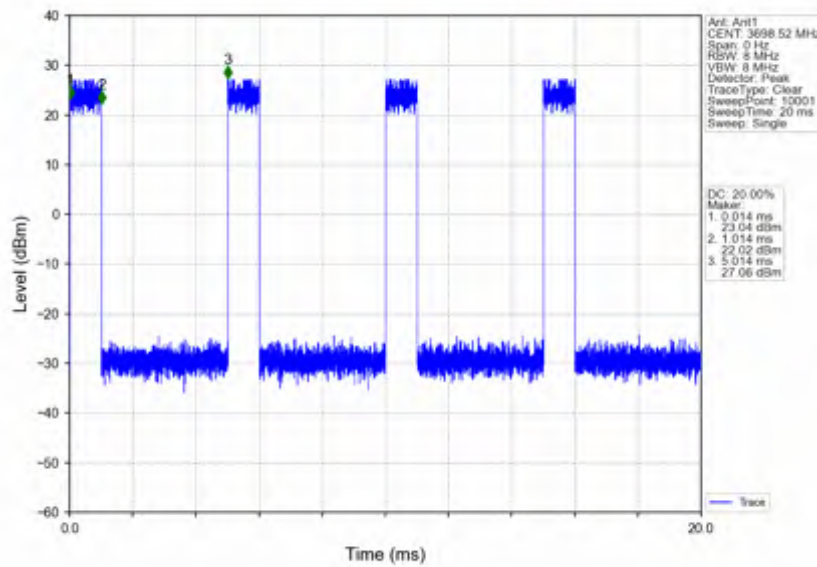
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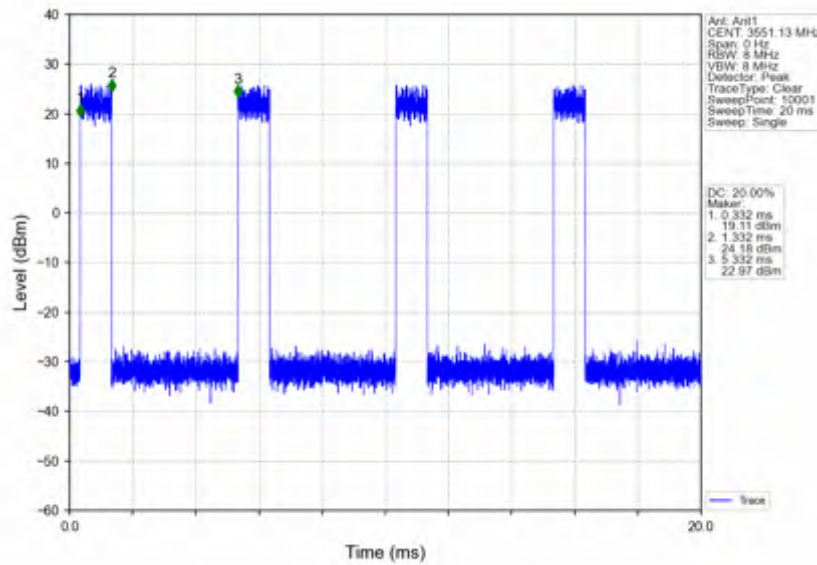
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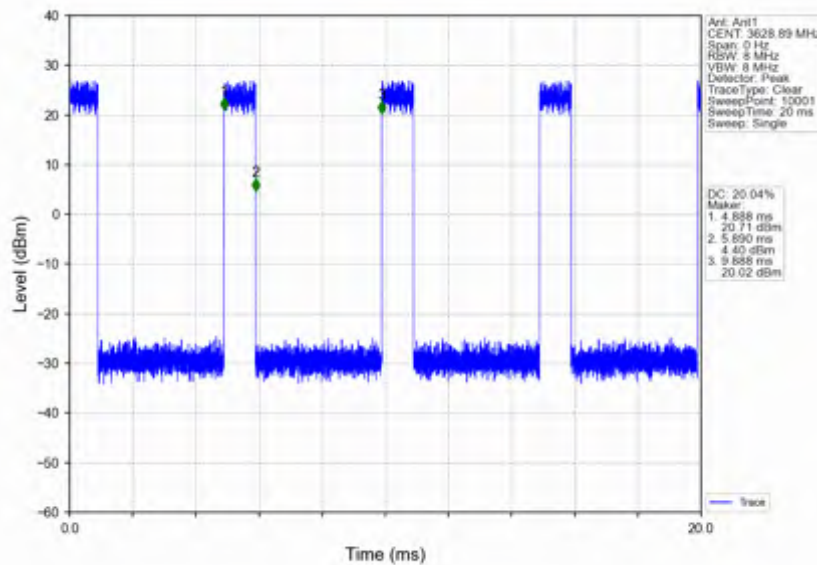
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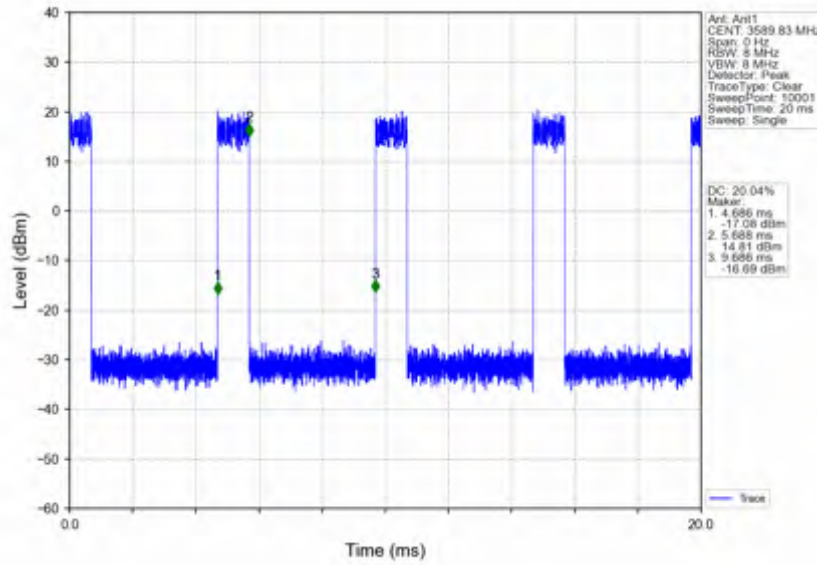
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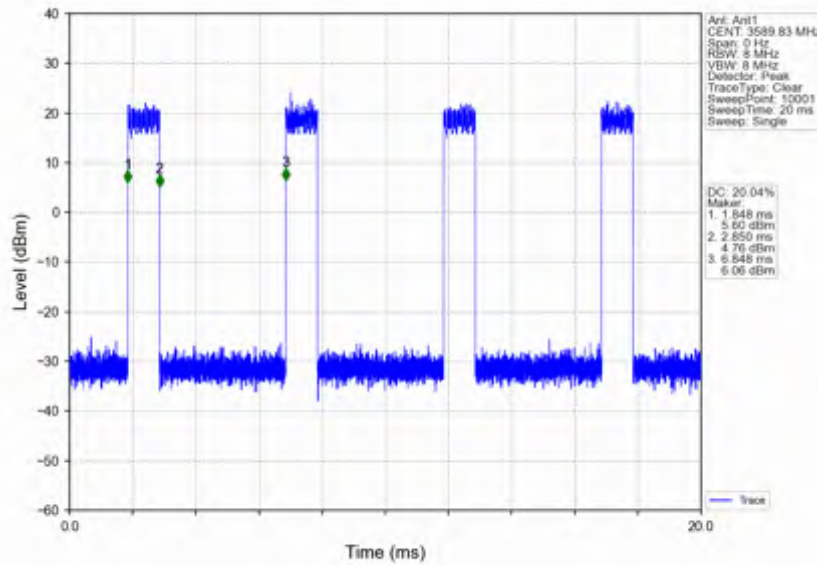
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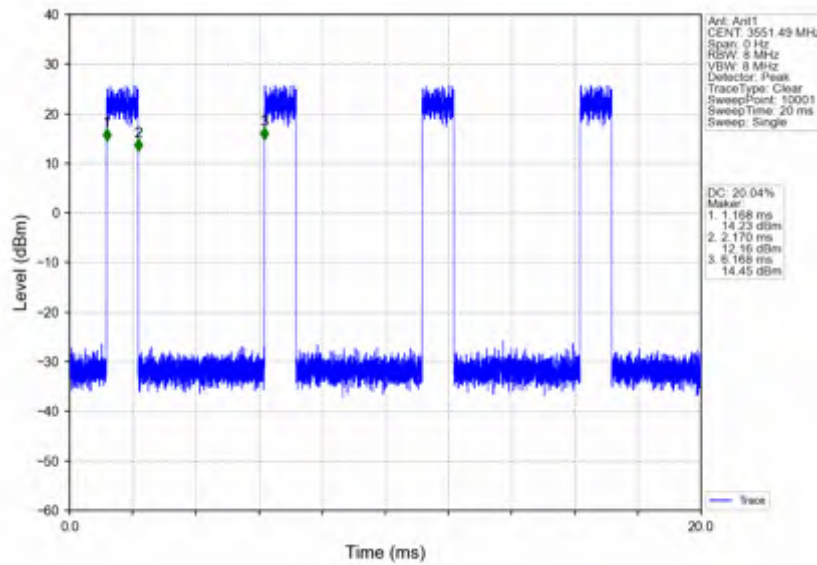
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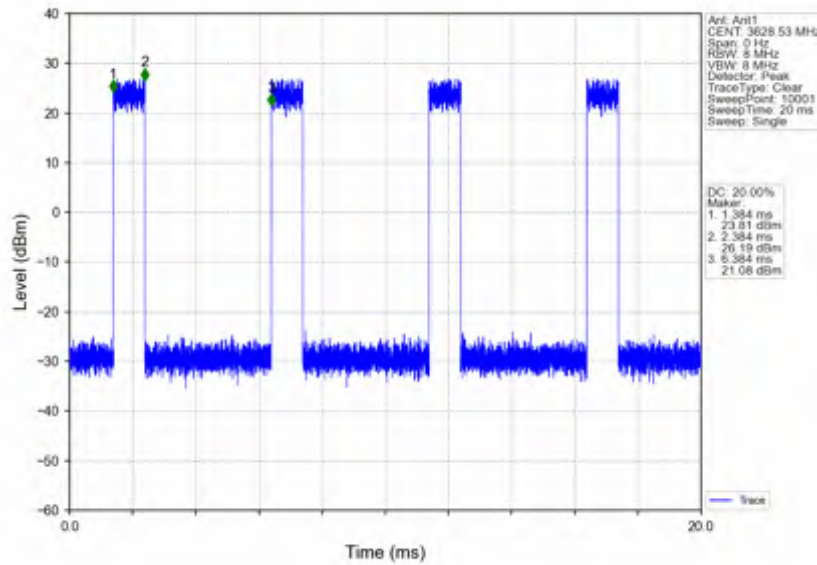
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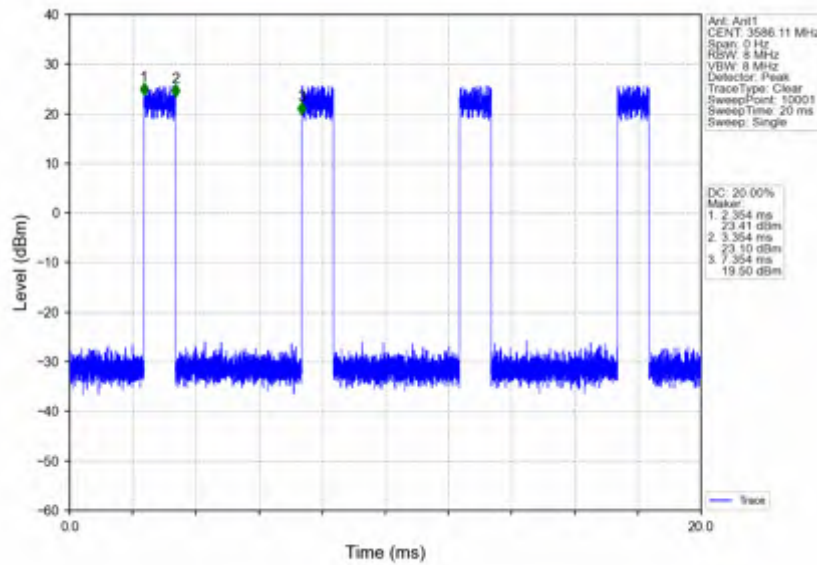
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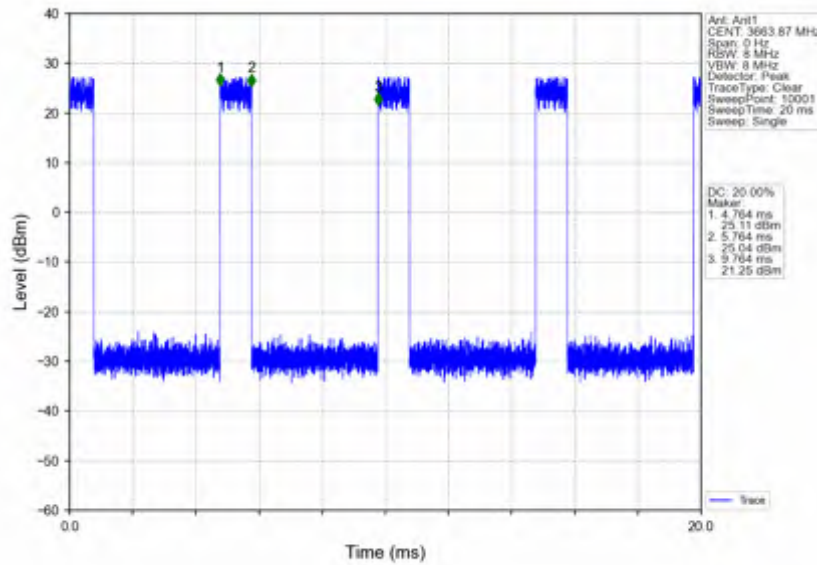
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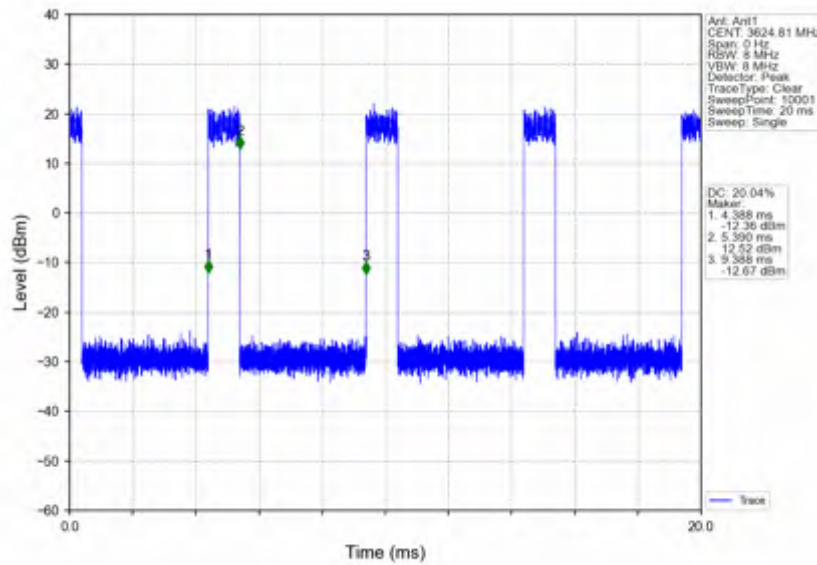
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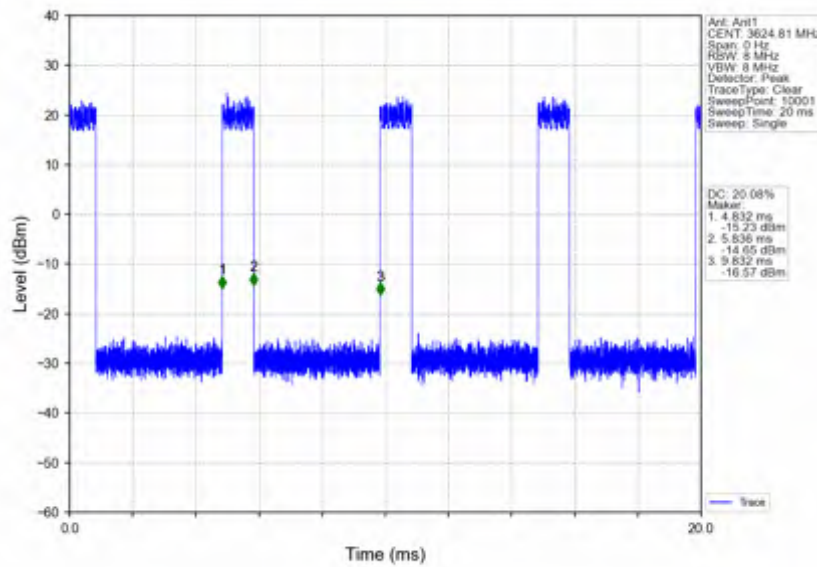
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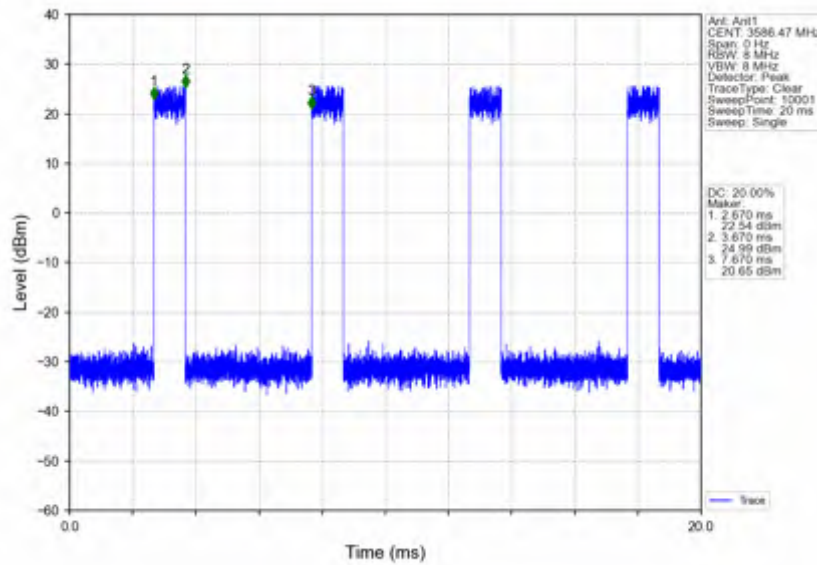
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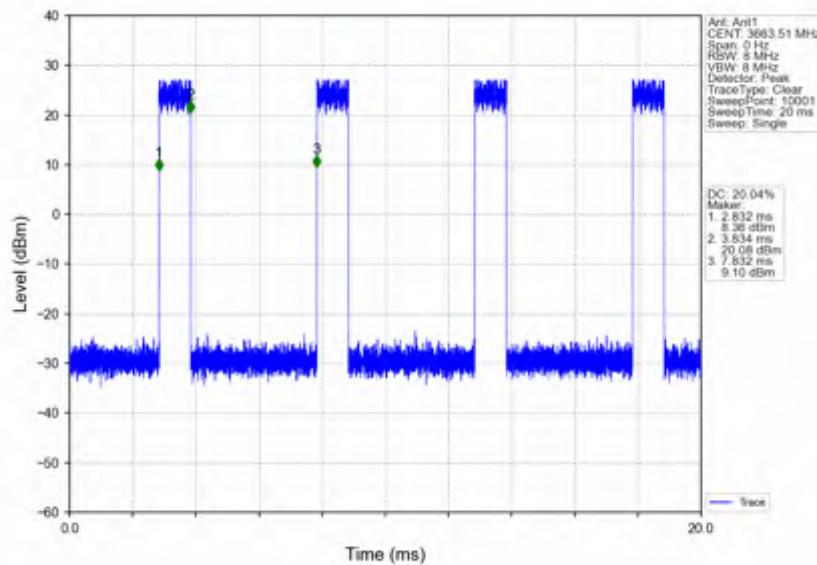
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n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM QPSK\_3624.99MHz\_Inner\_1RB\_Left

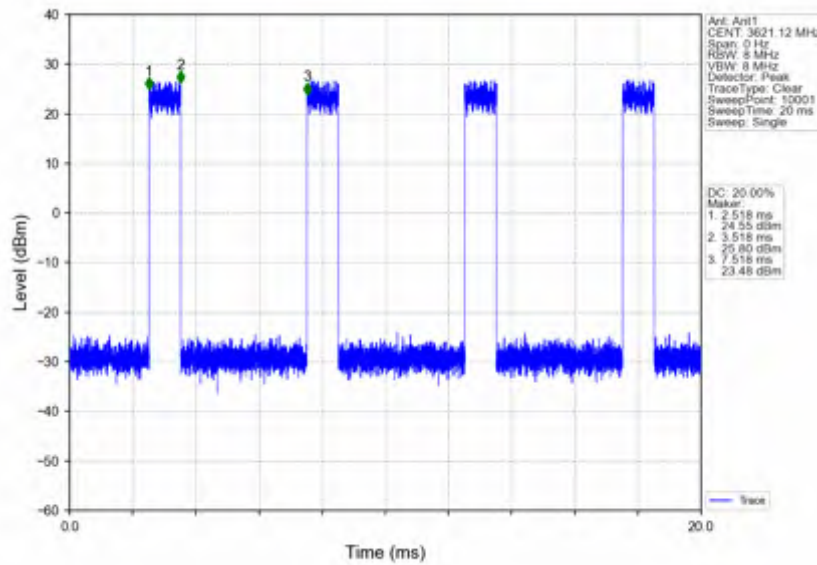


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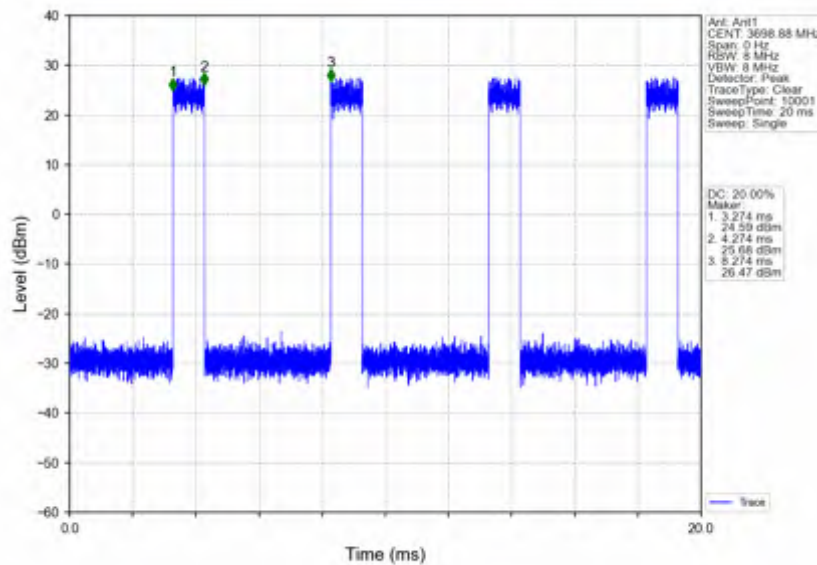




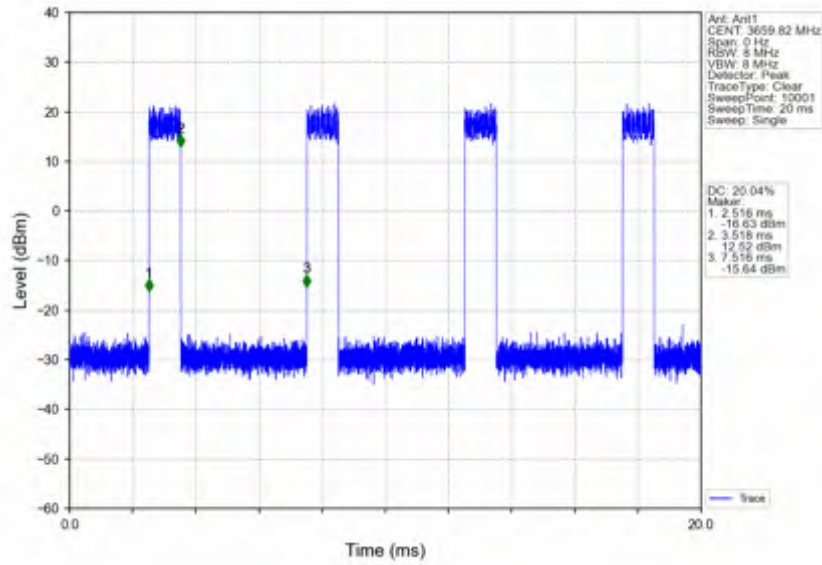
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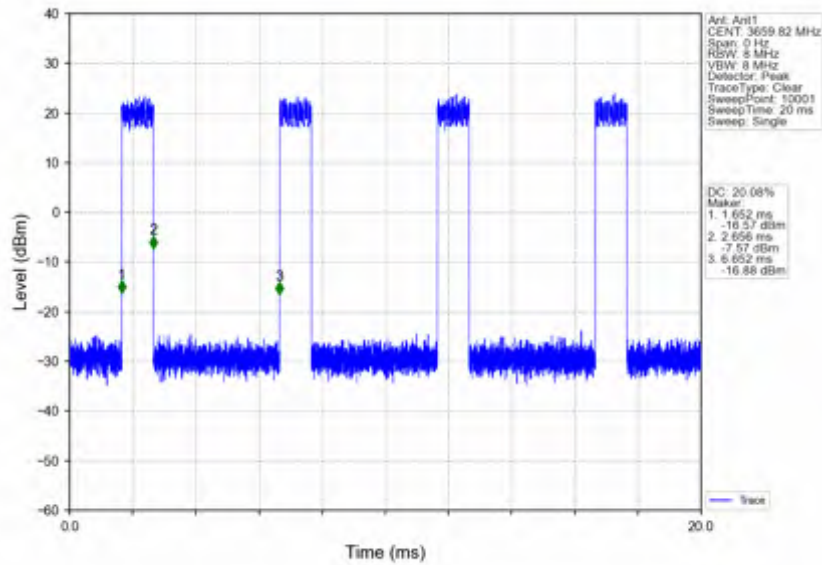
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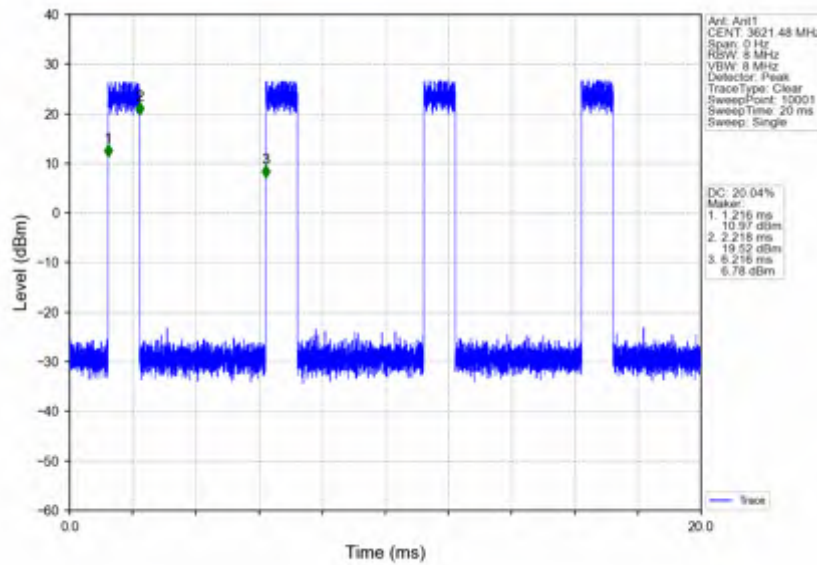
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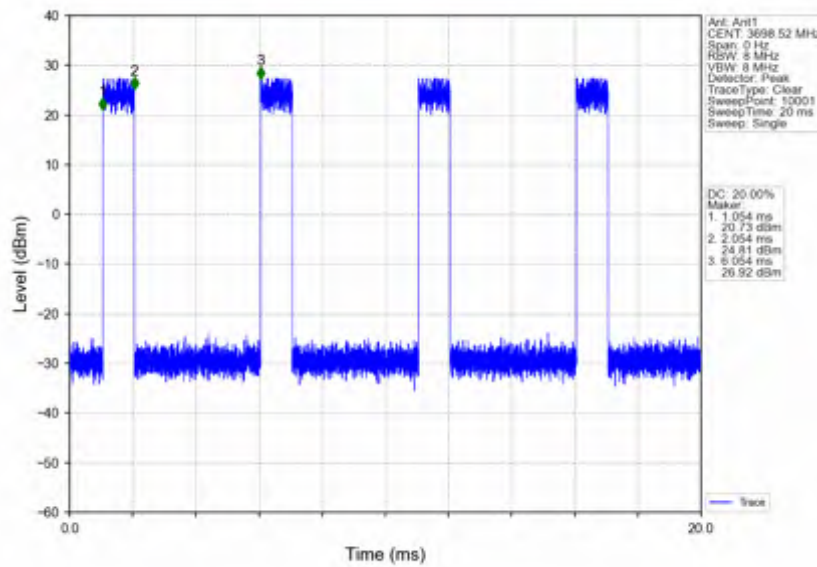
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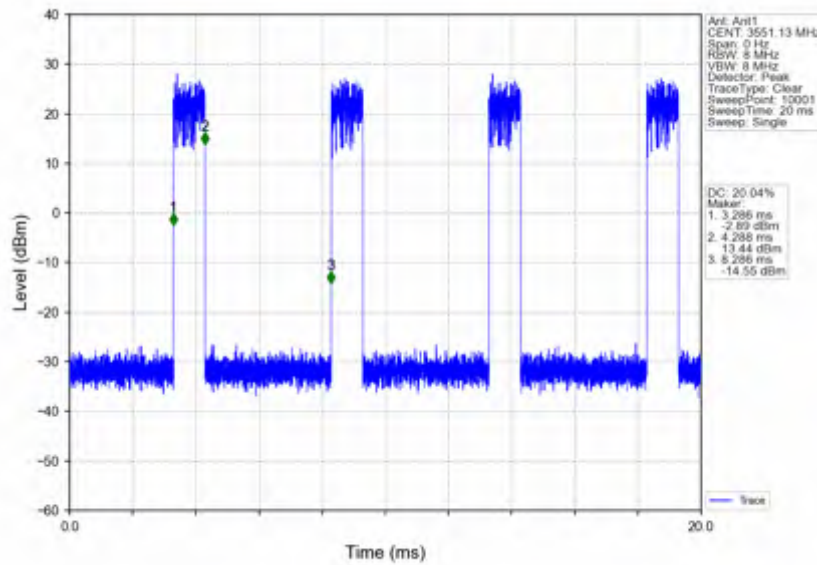
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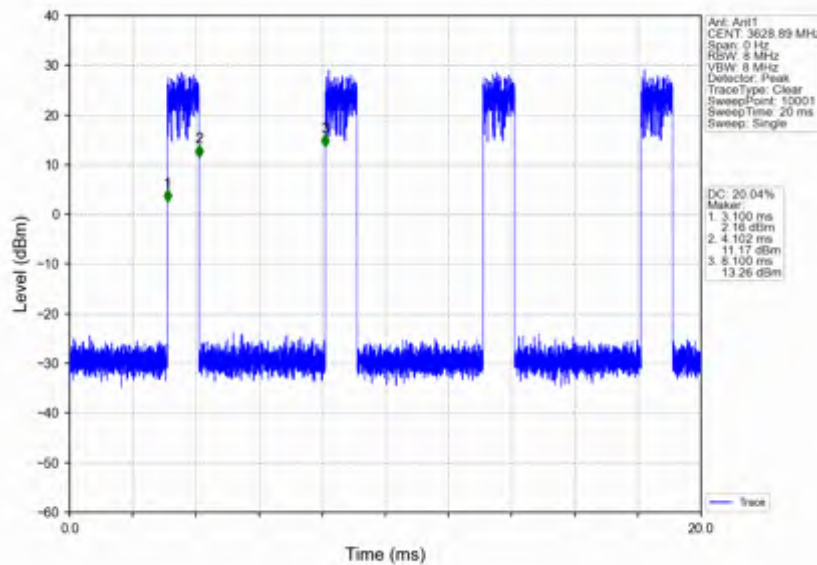
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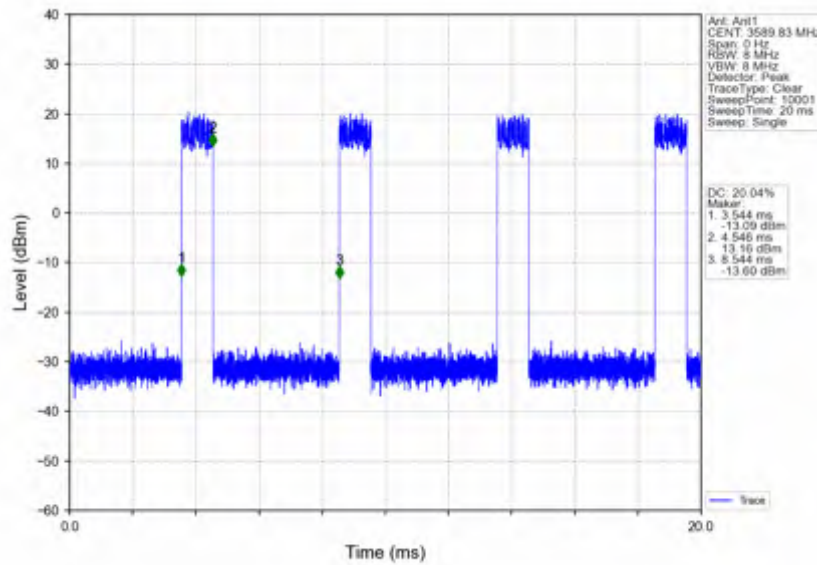
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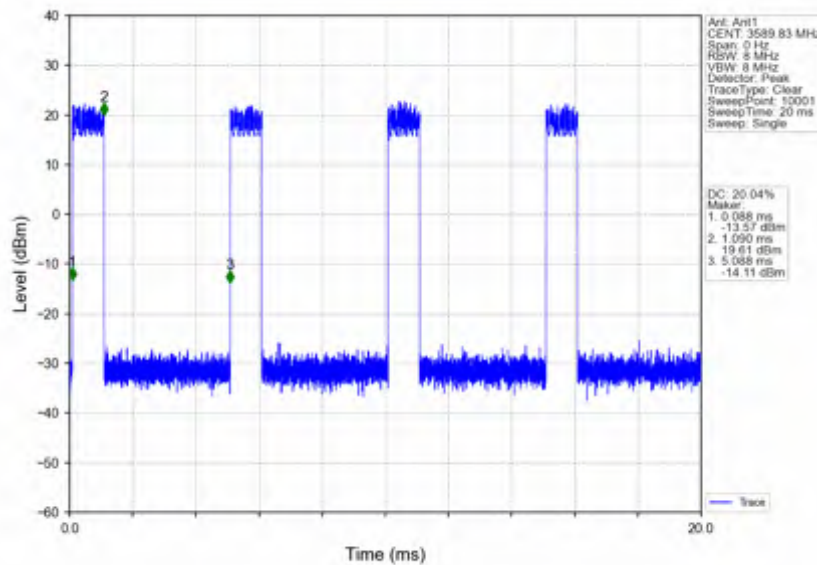
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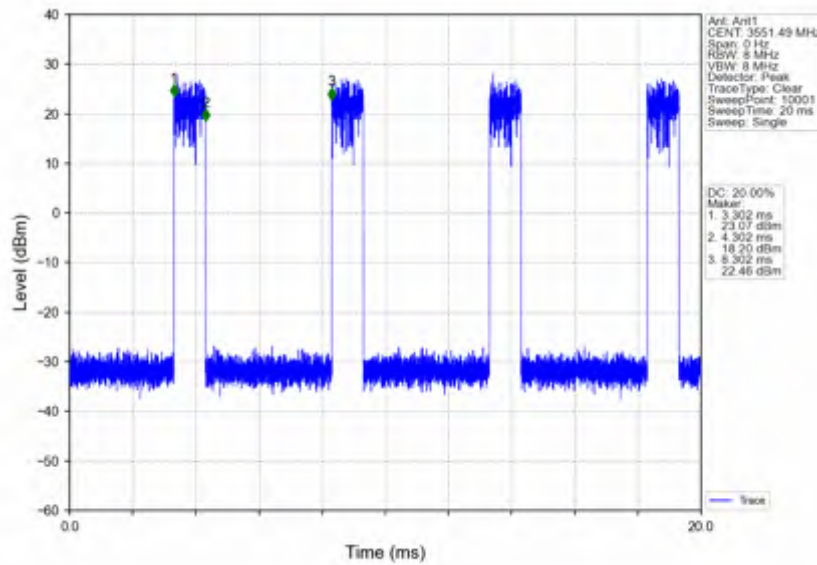
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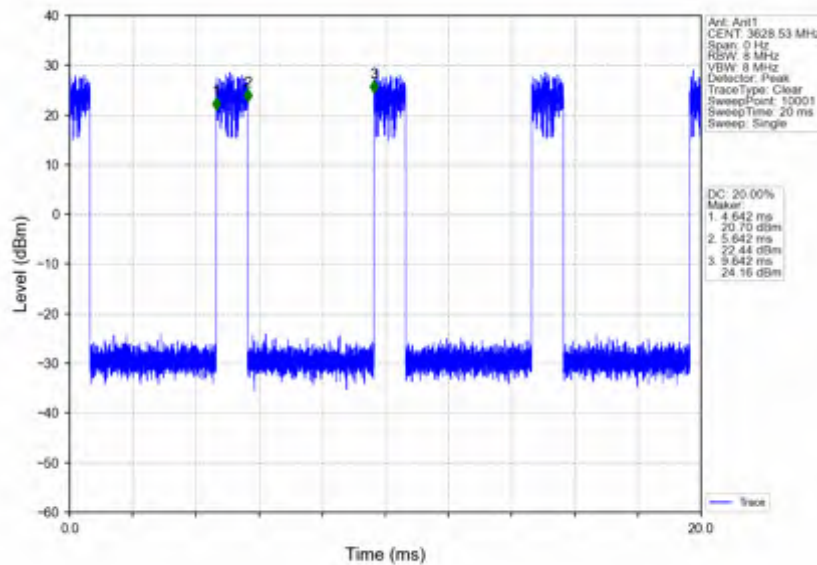
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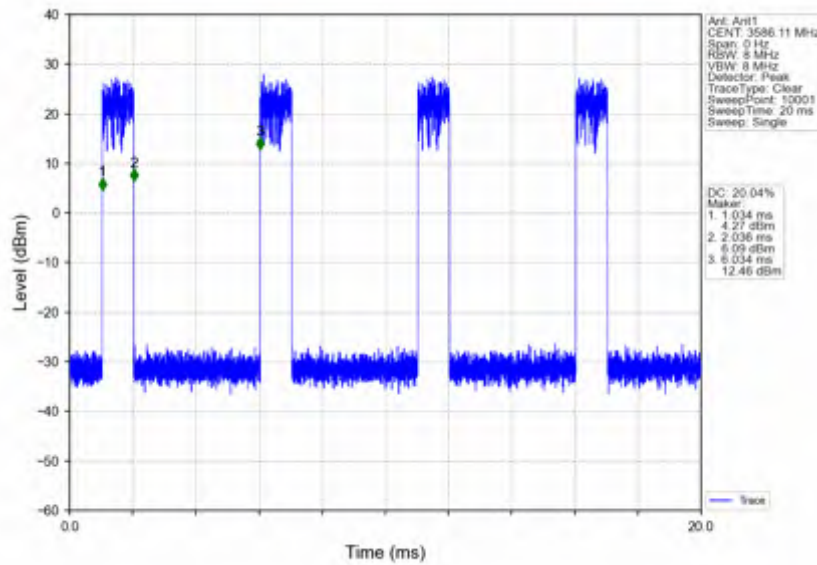
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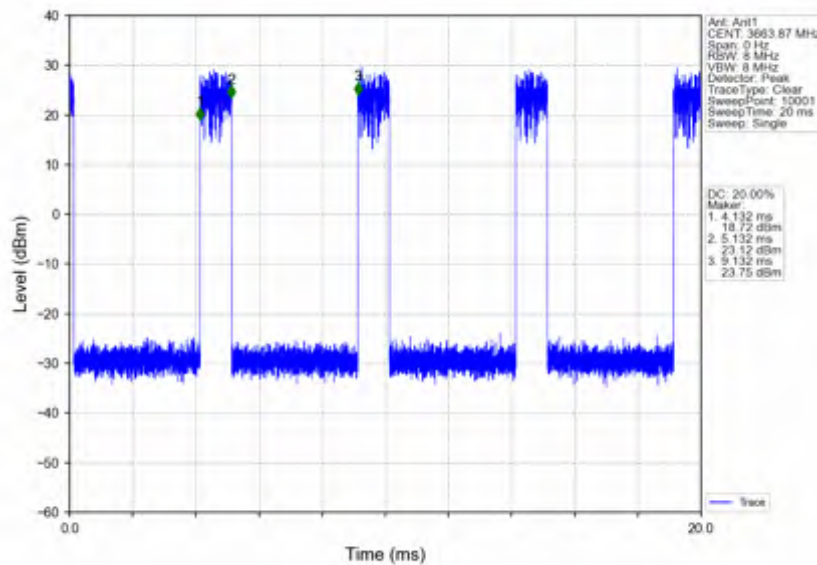
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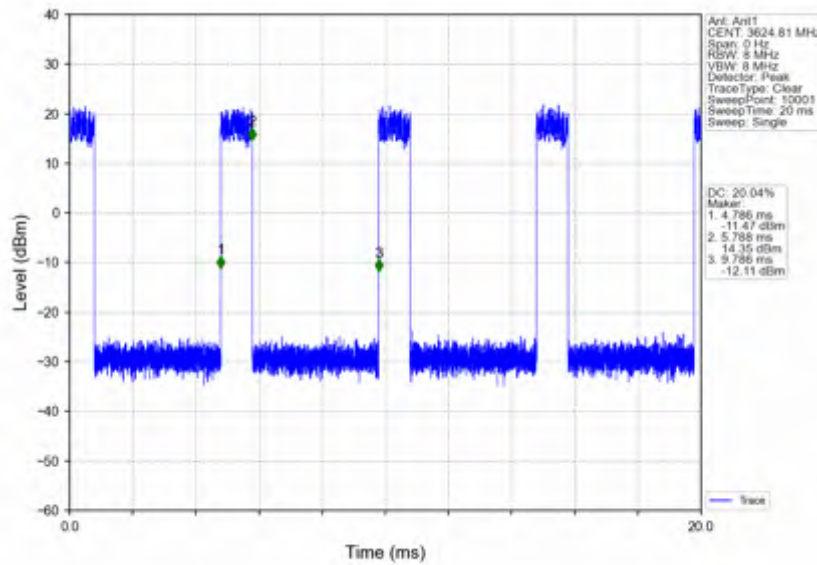
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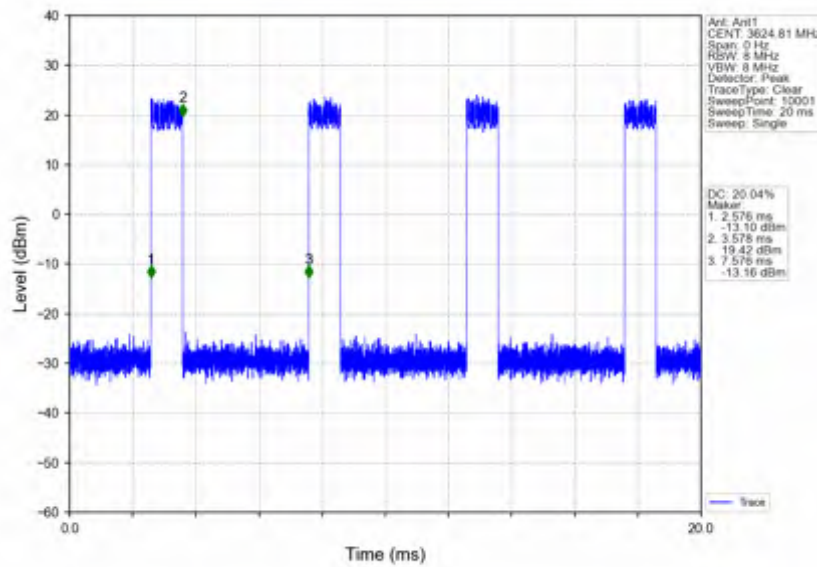
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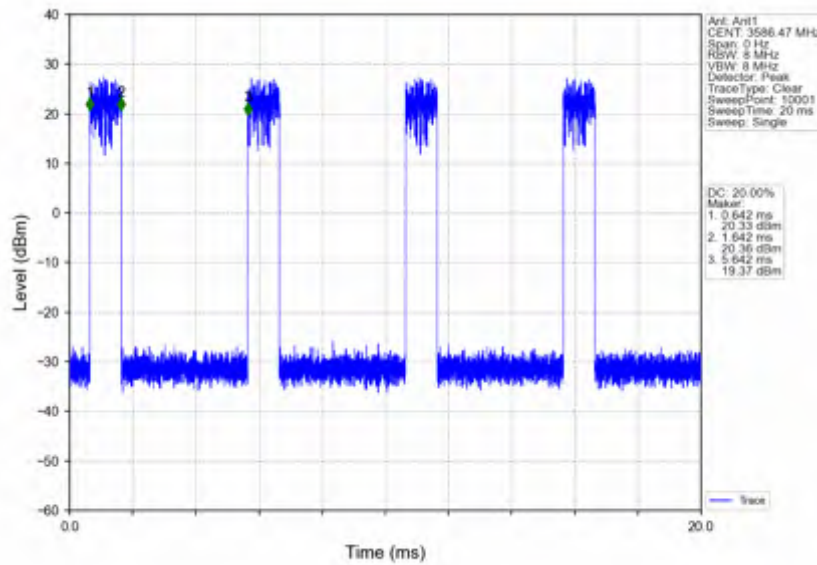


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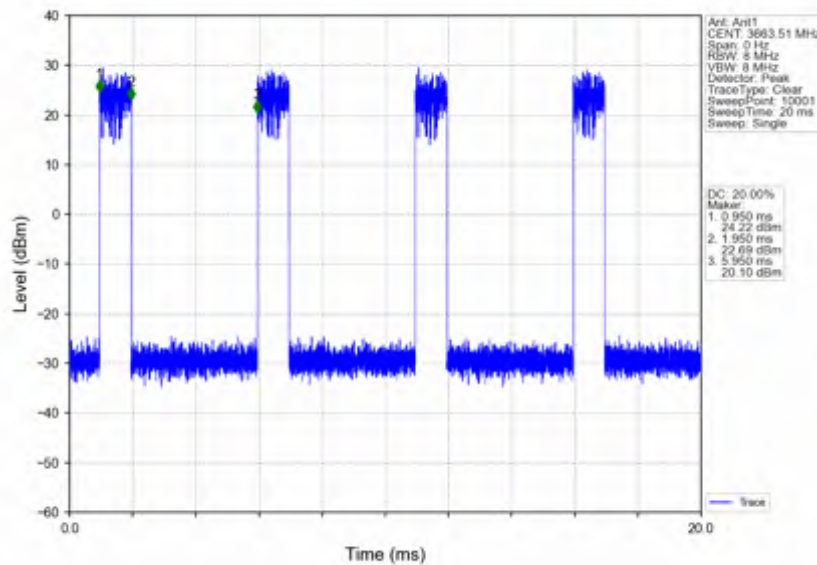




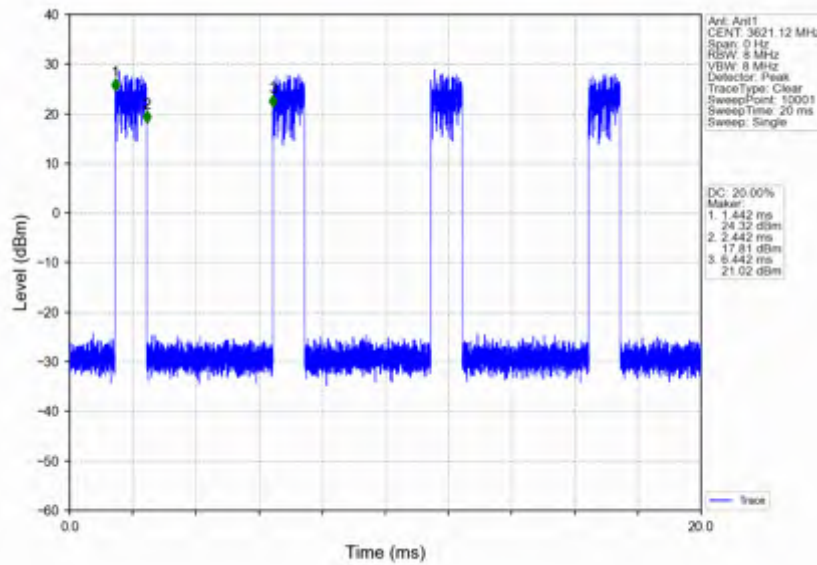
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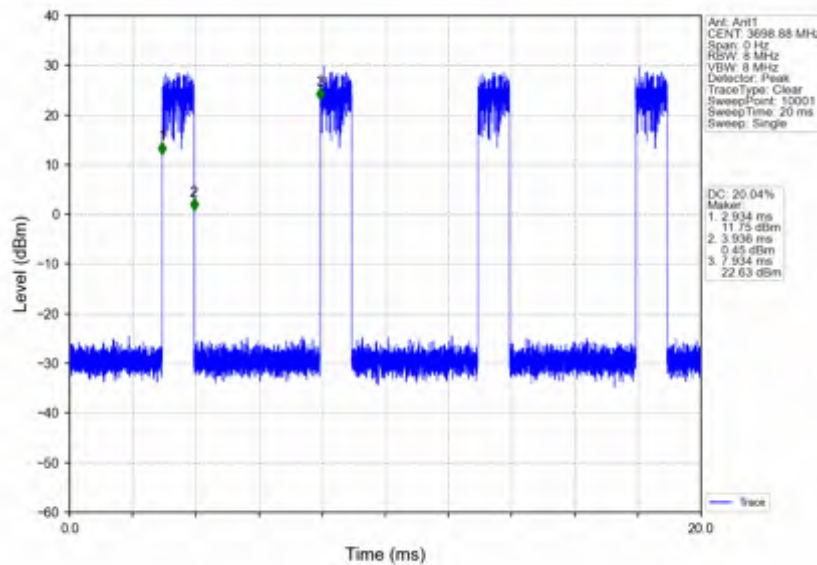
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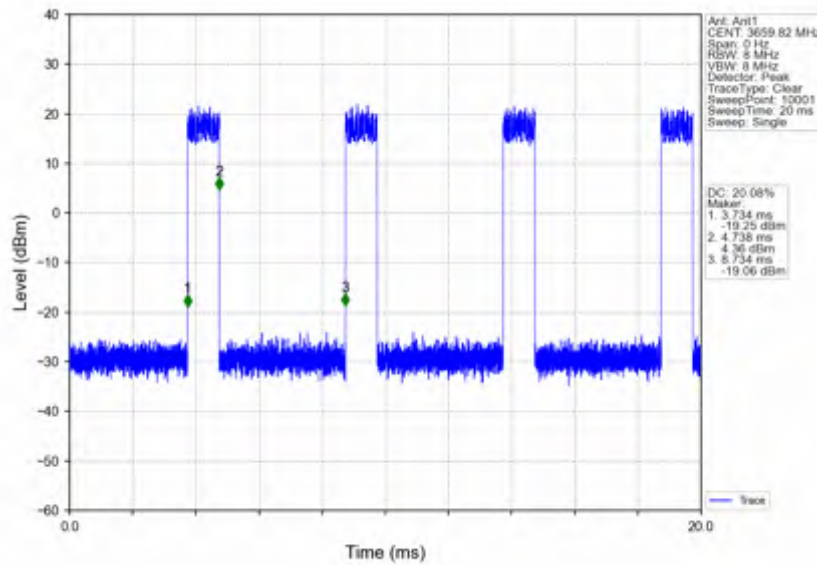
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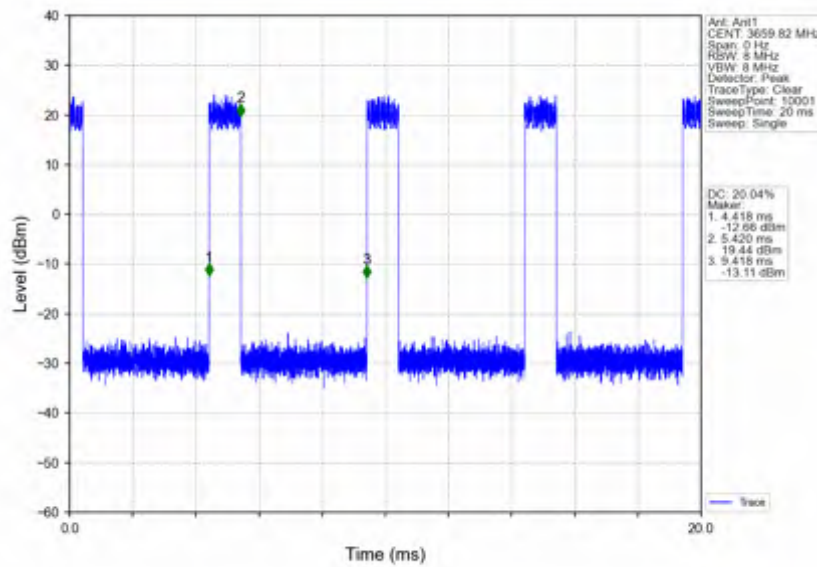
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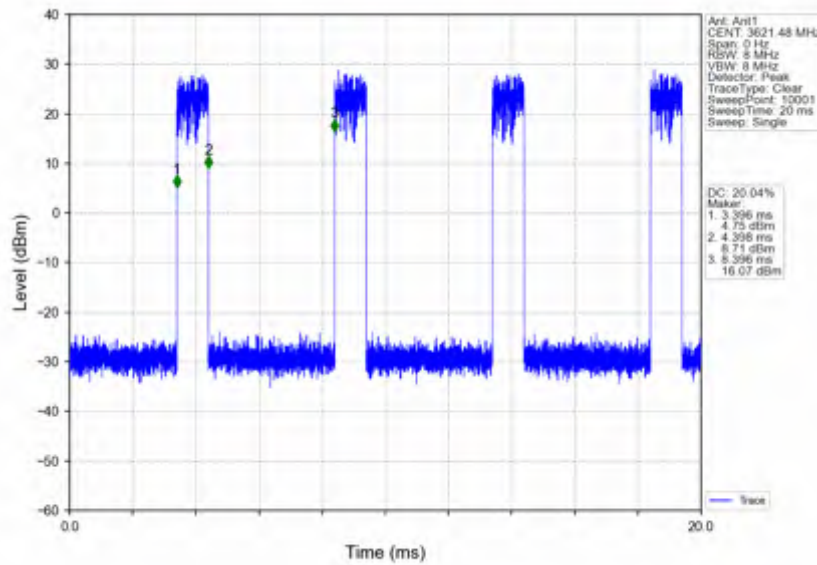
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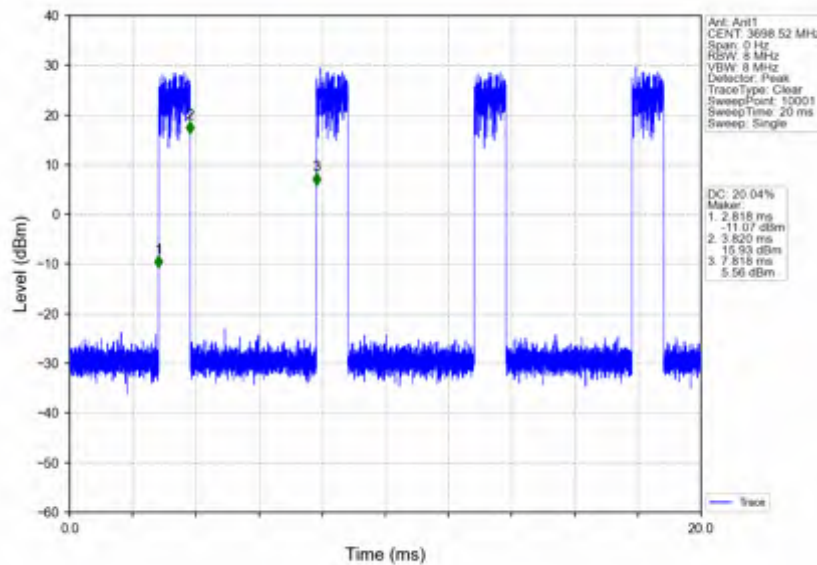
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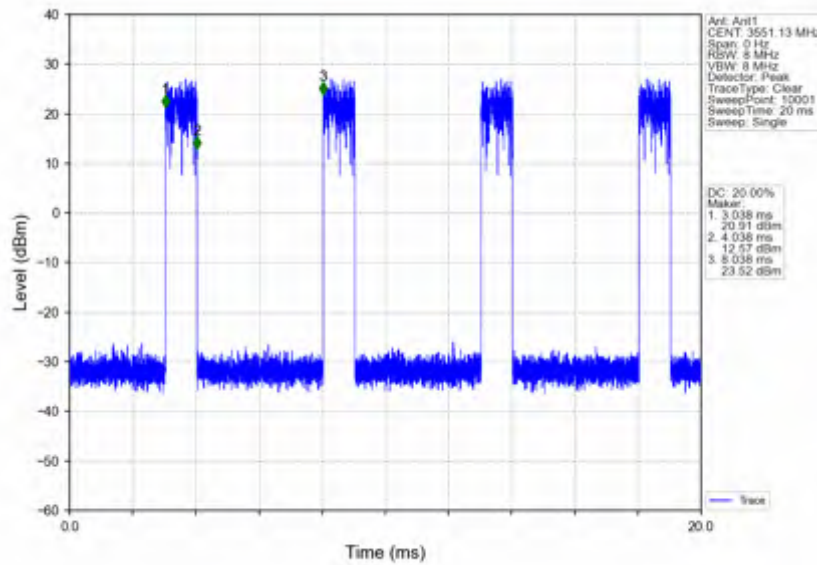
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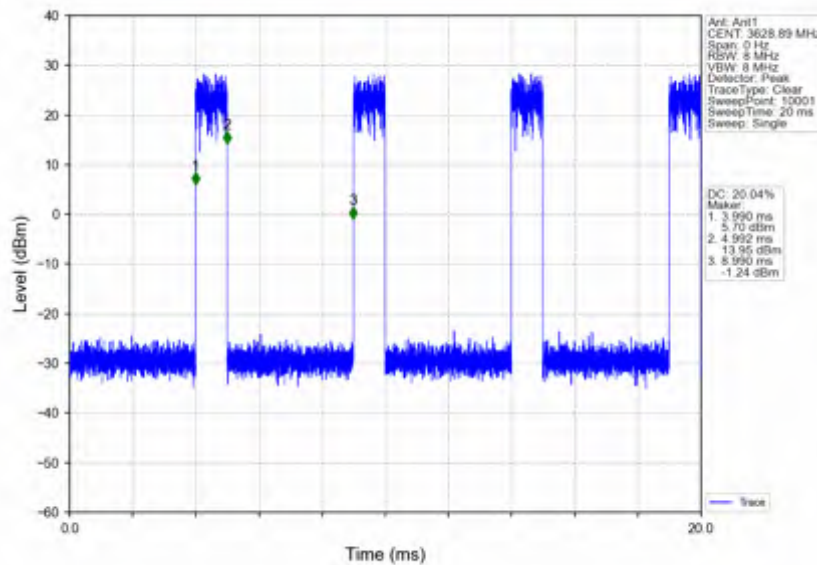
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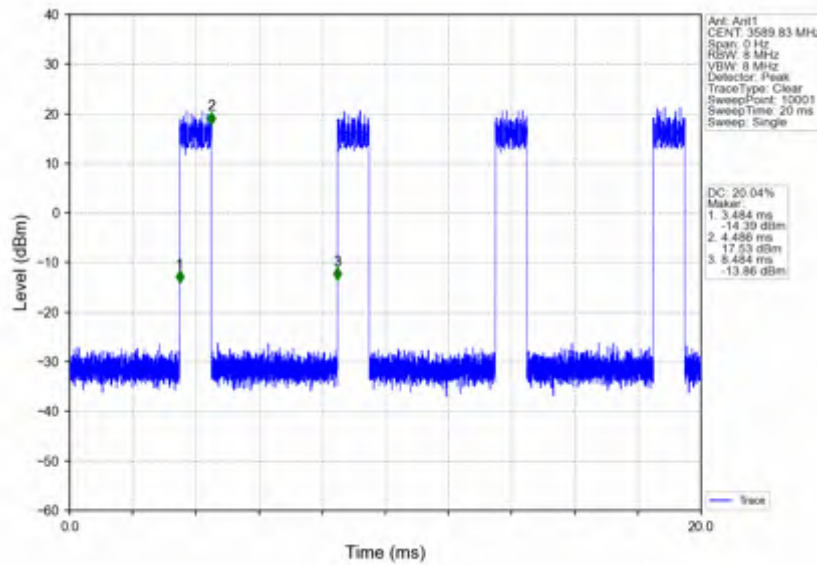
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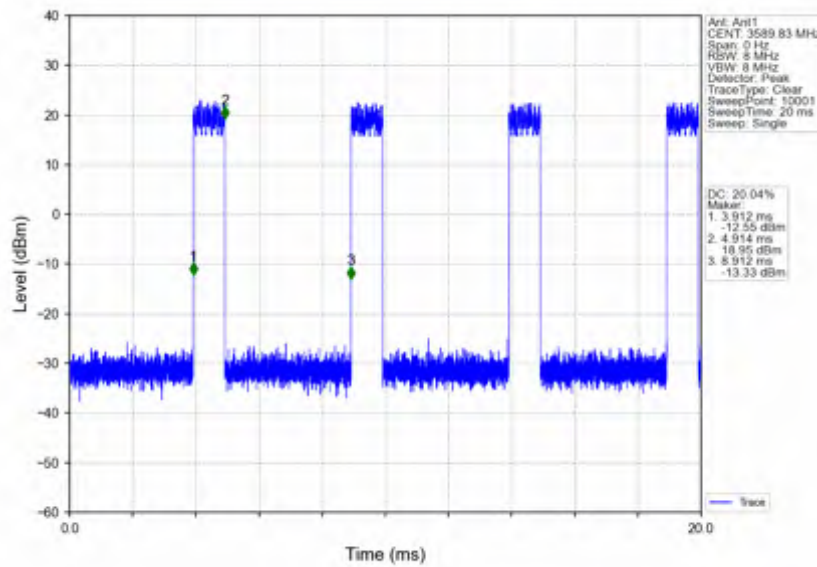
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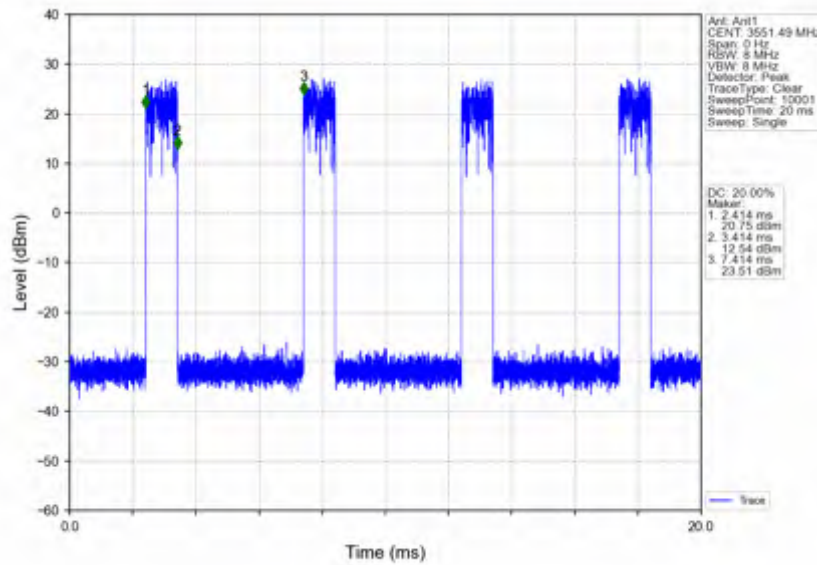
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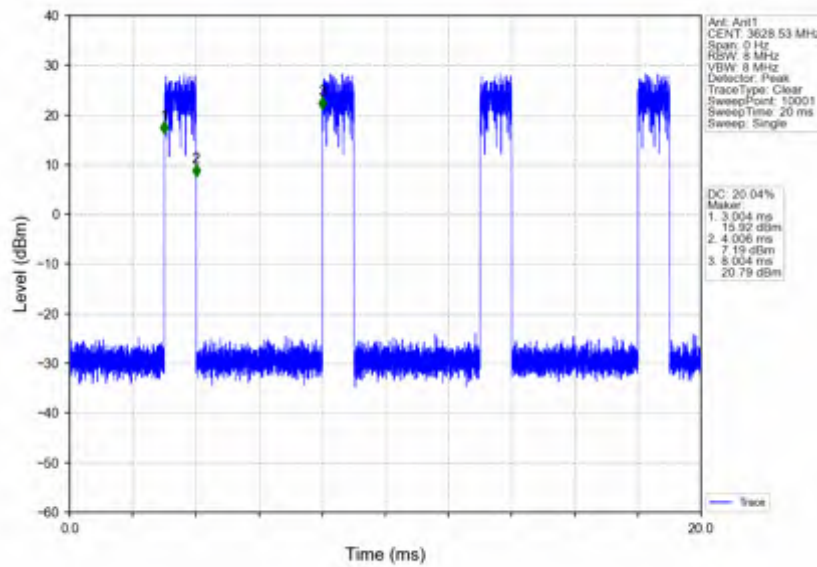
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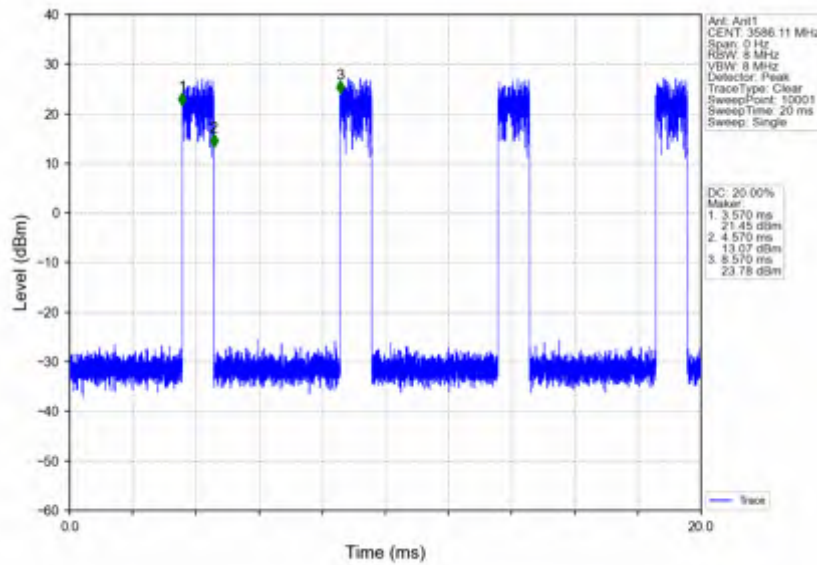
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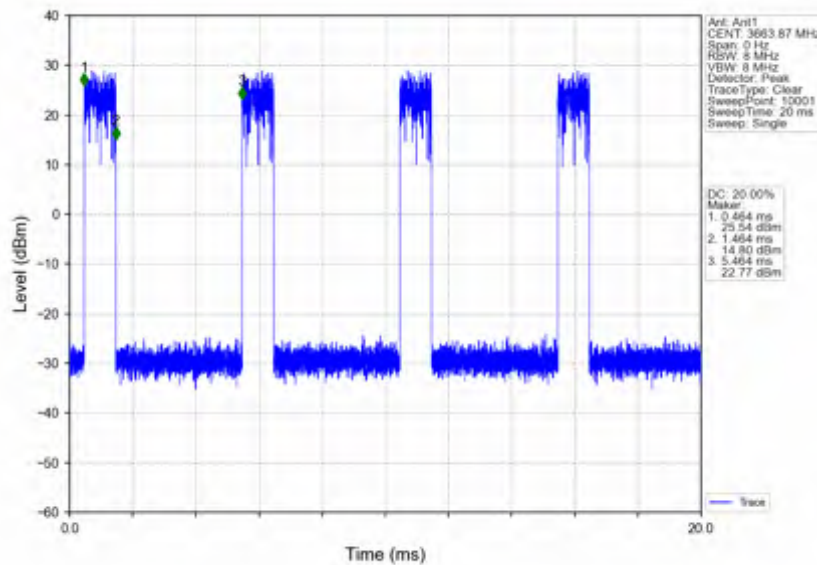
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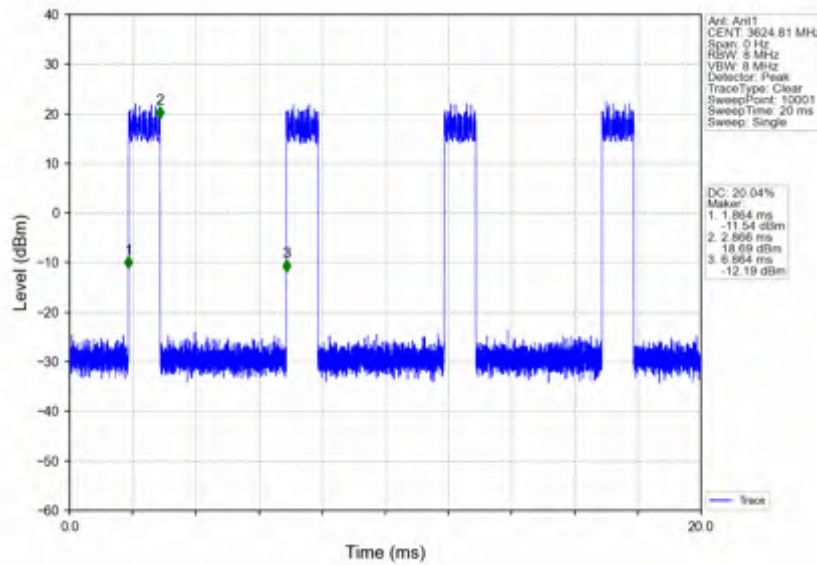


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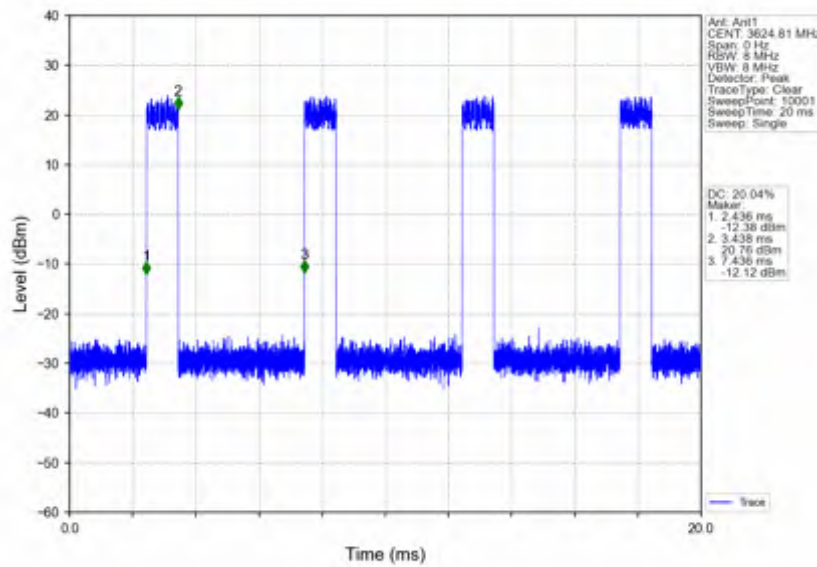




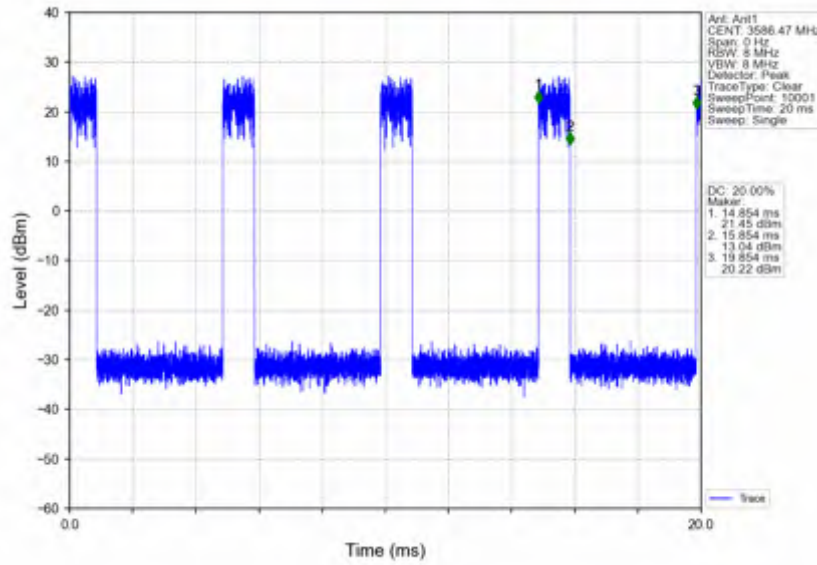
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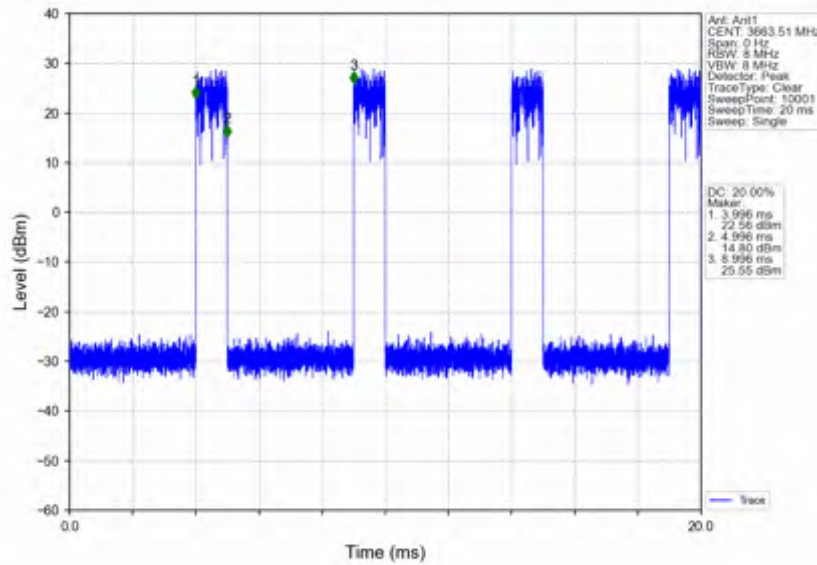
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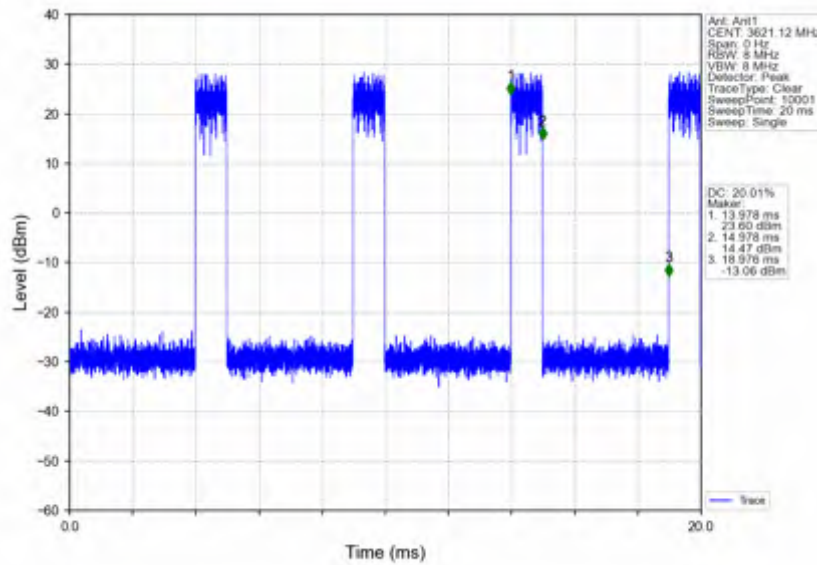
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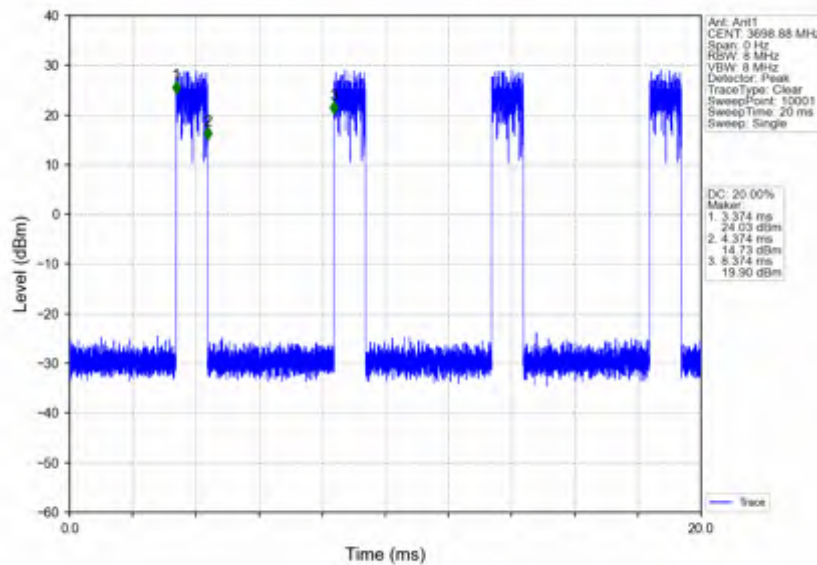
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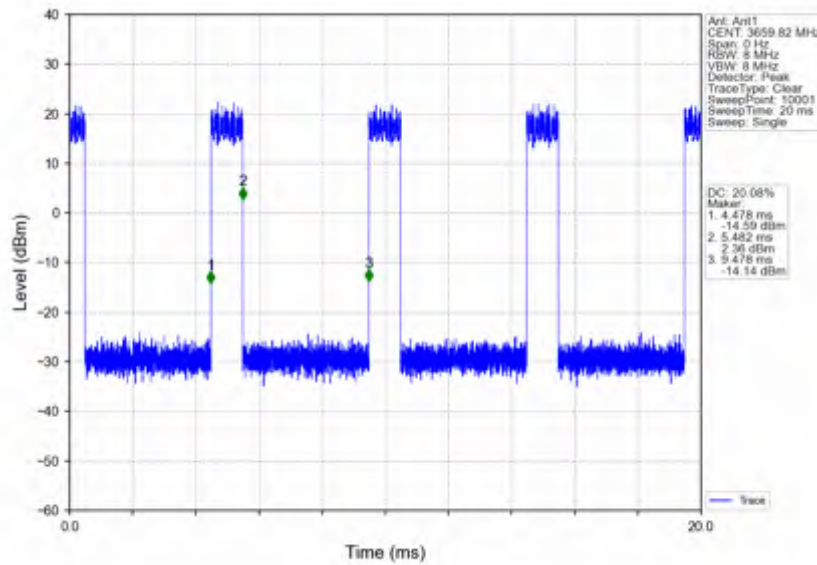
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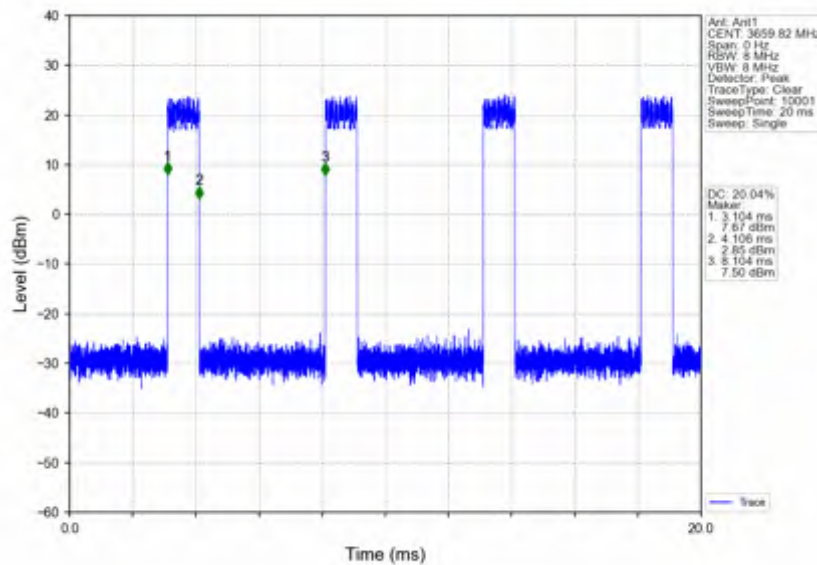
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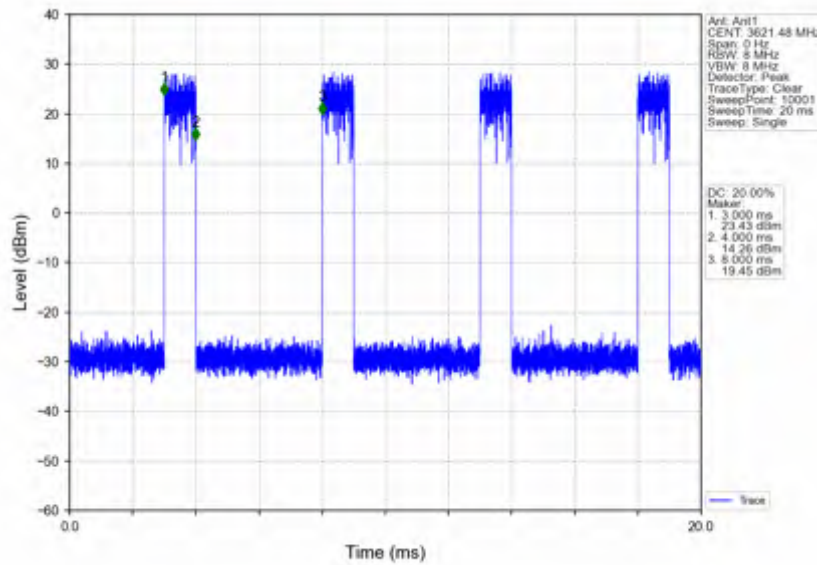
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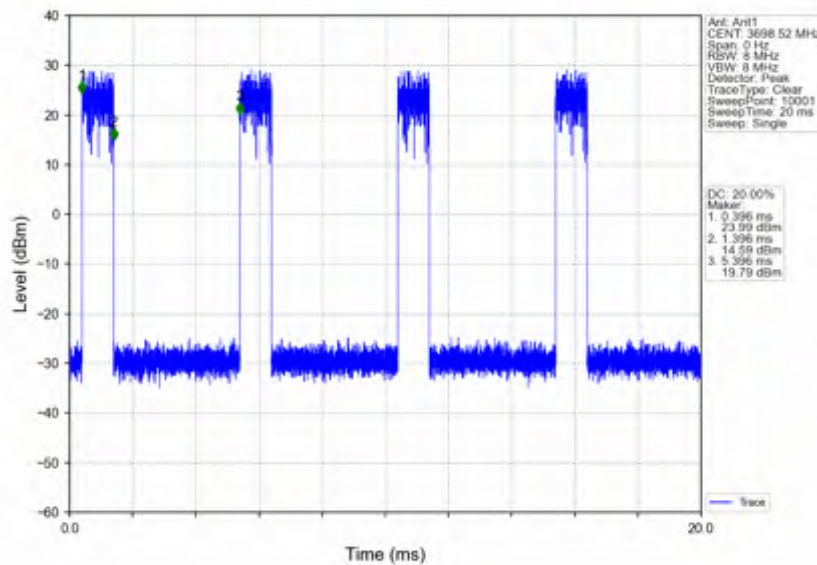
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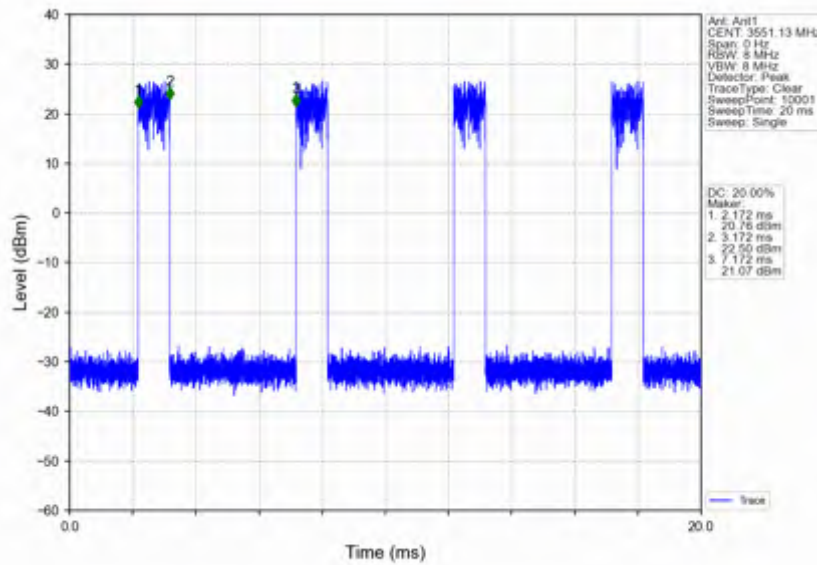
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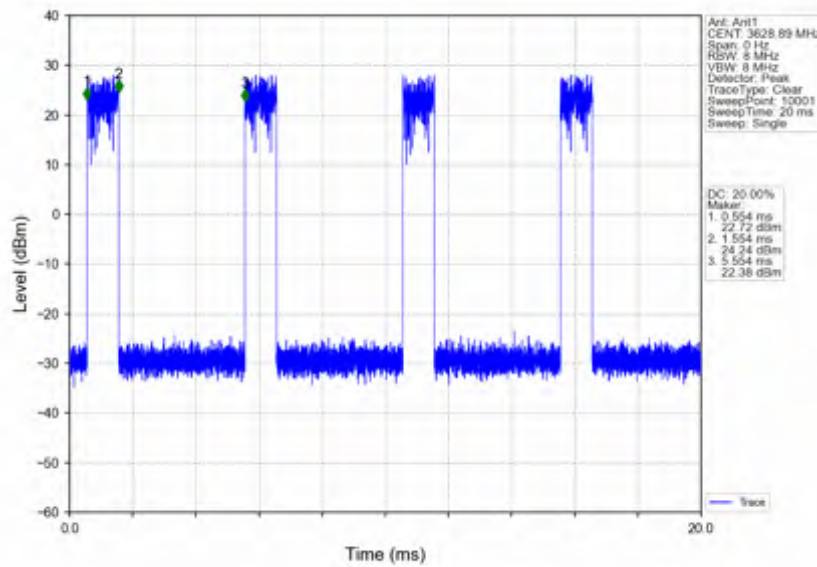
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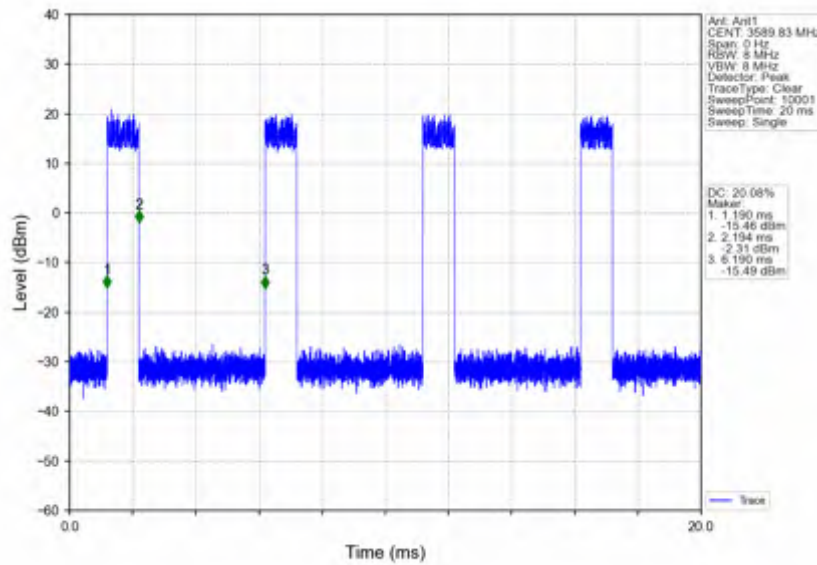
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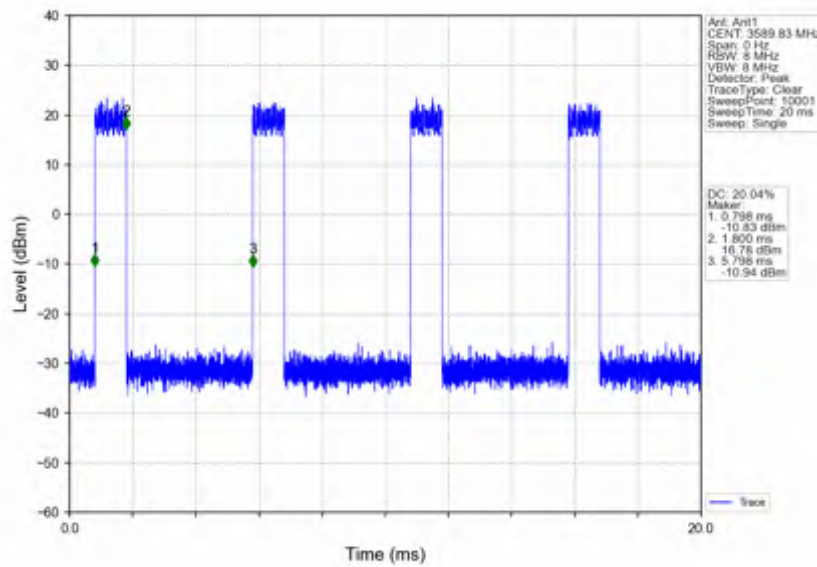
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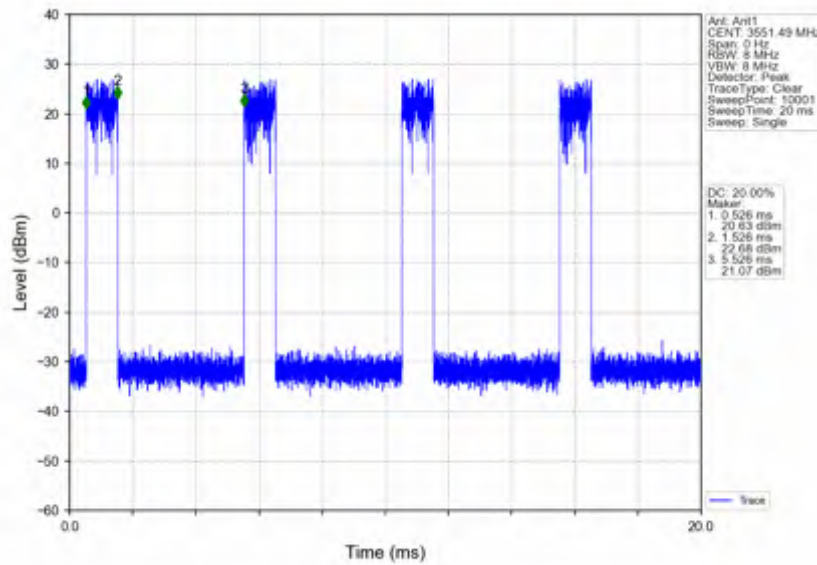
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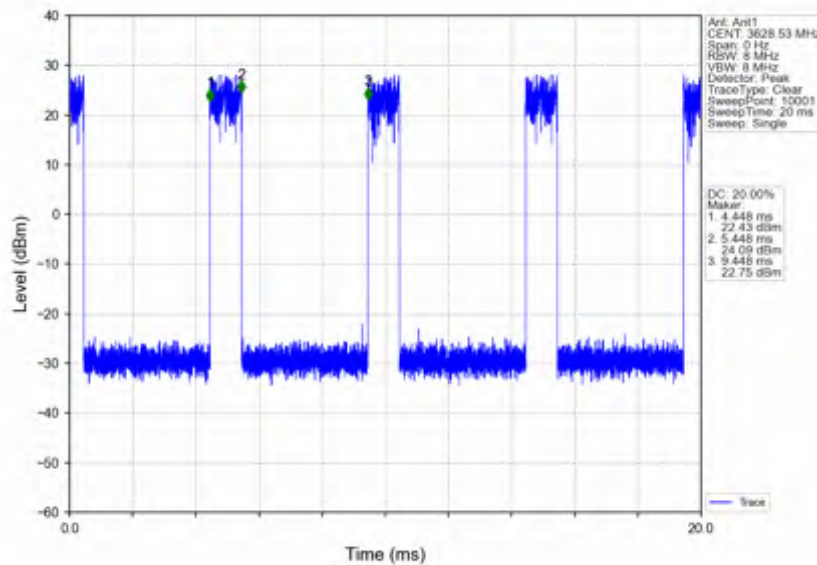
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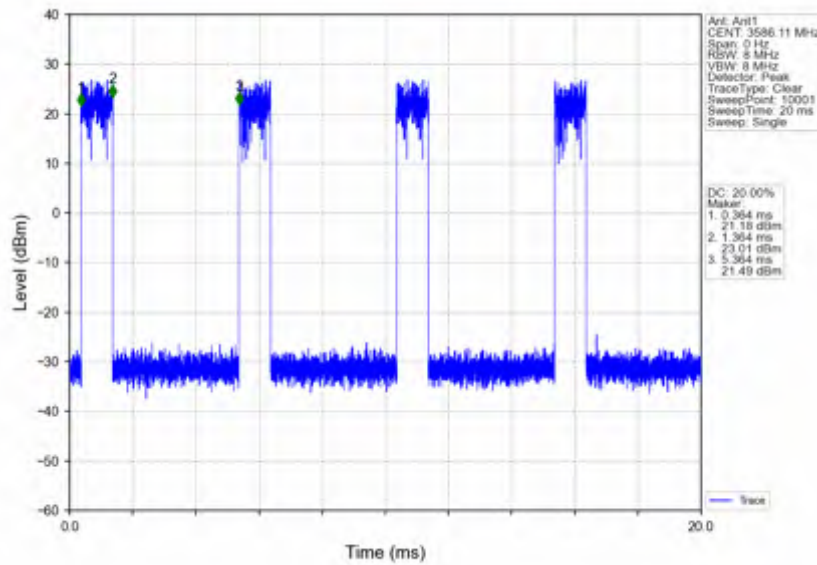


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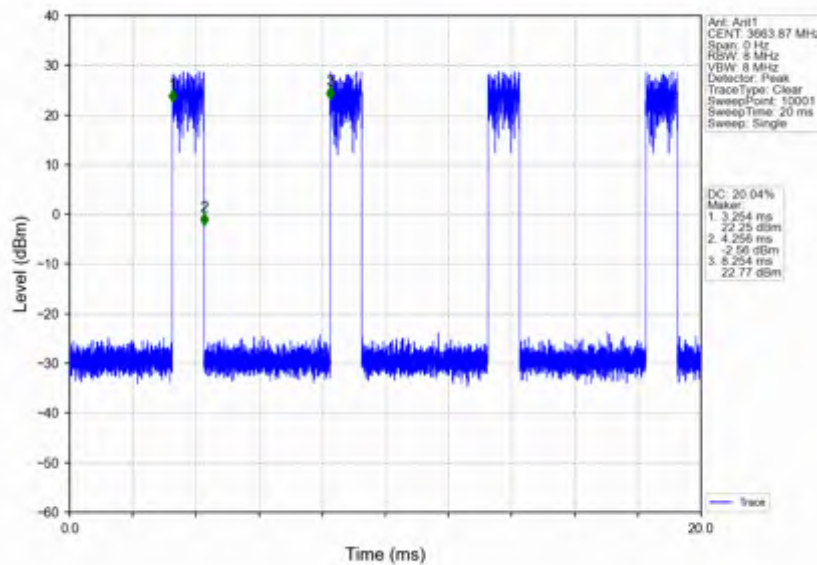




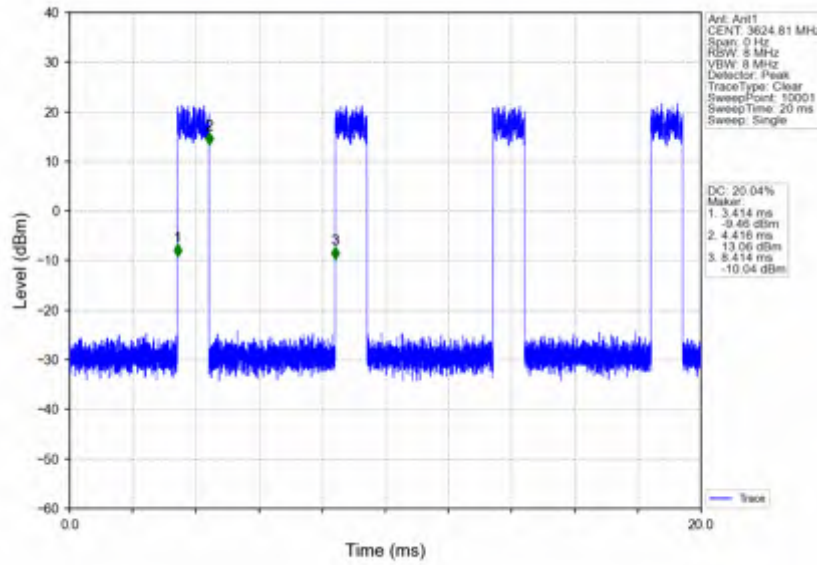
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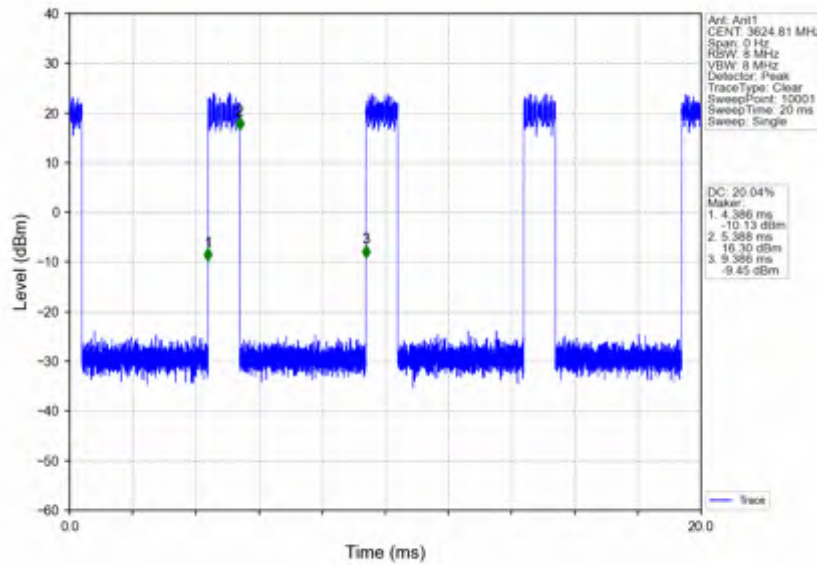
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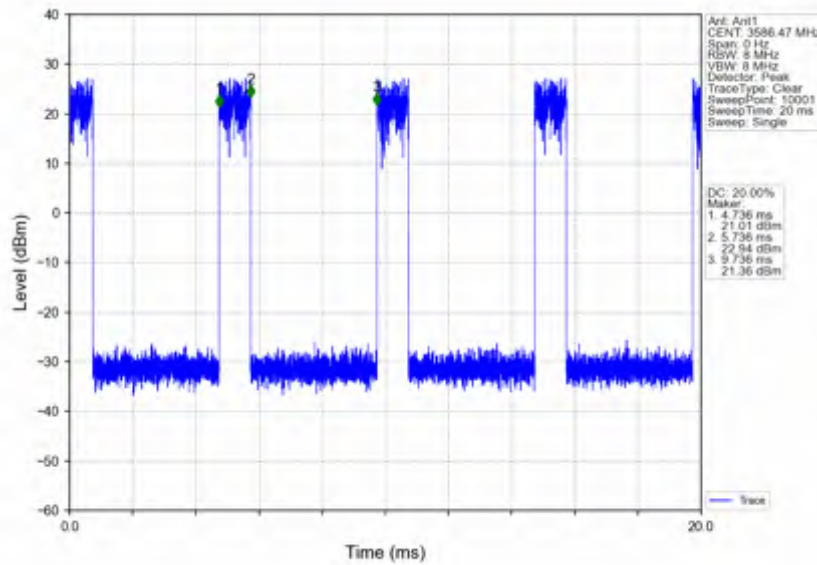
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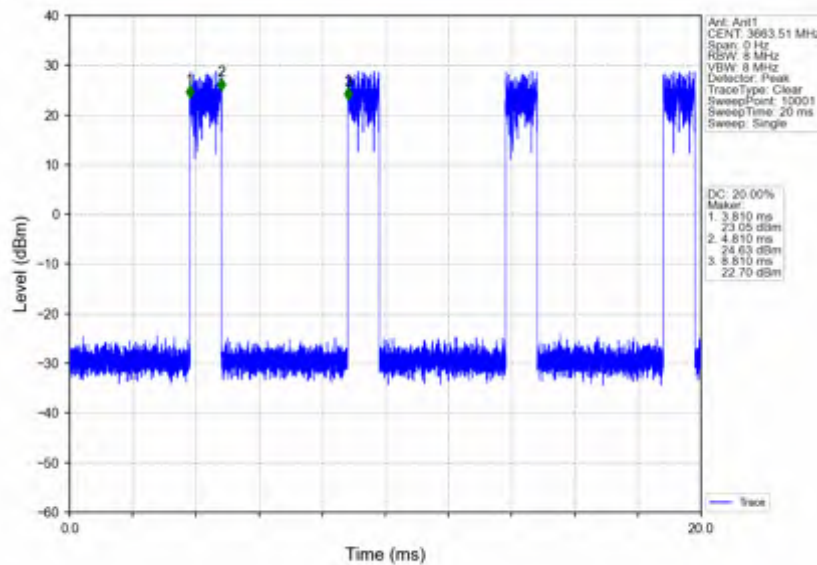
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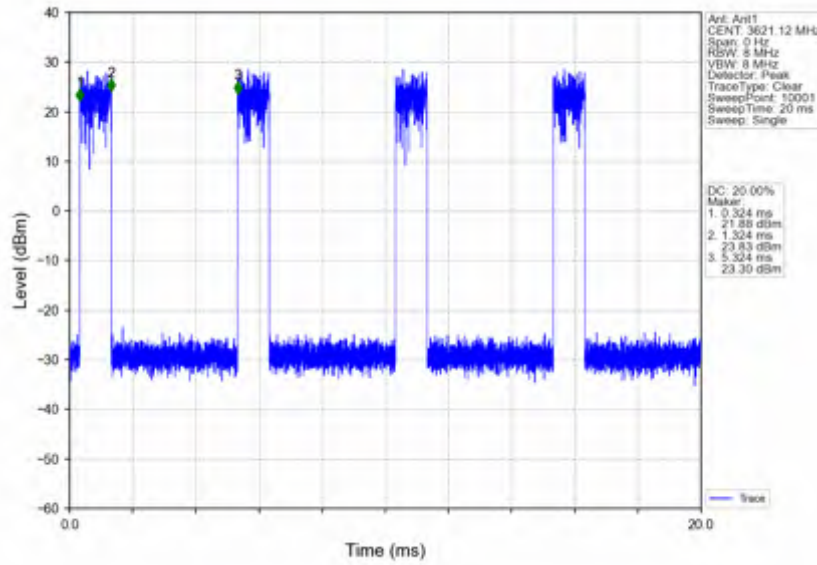
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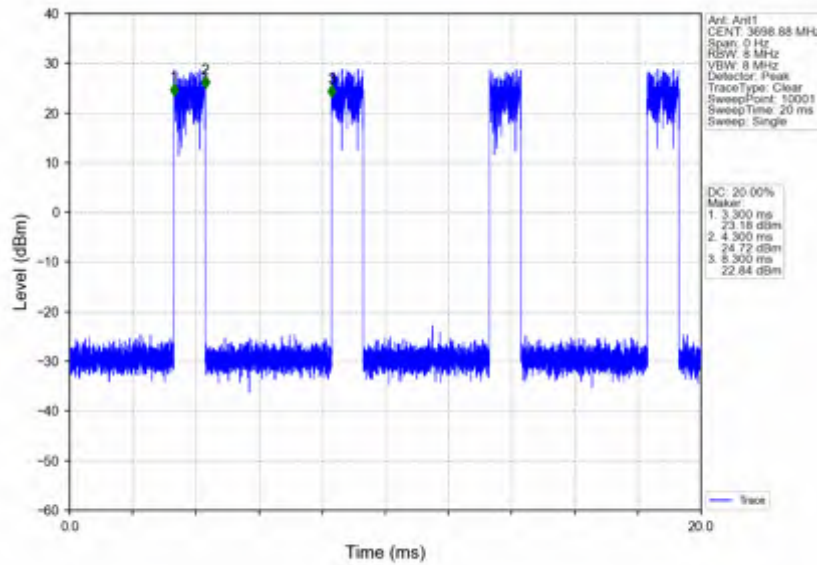
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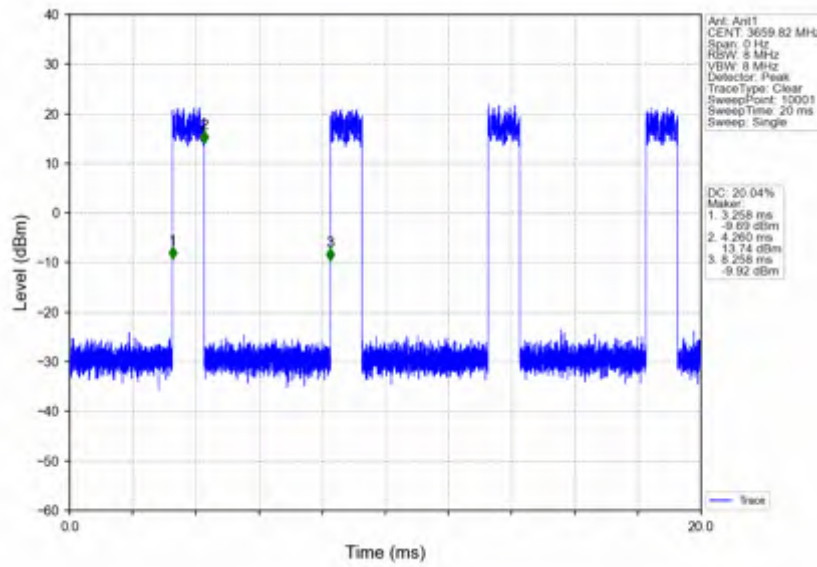
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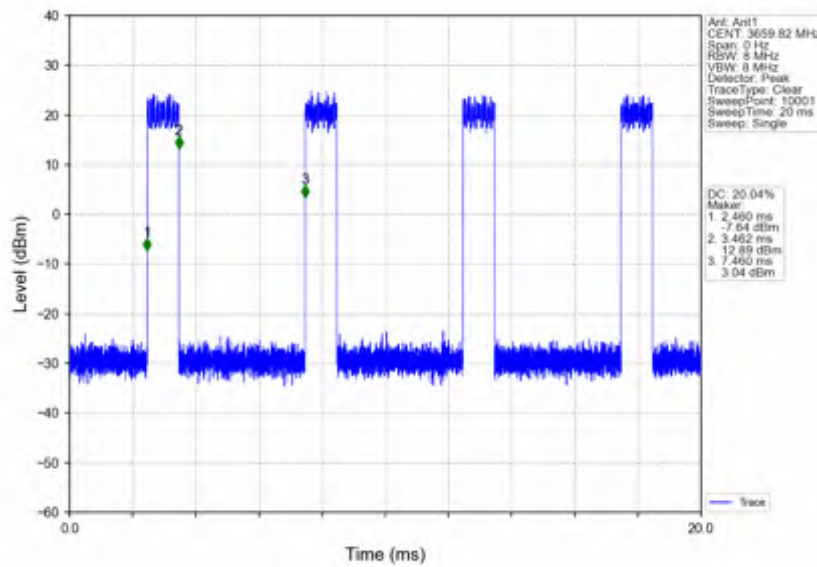
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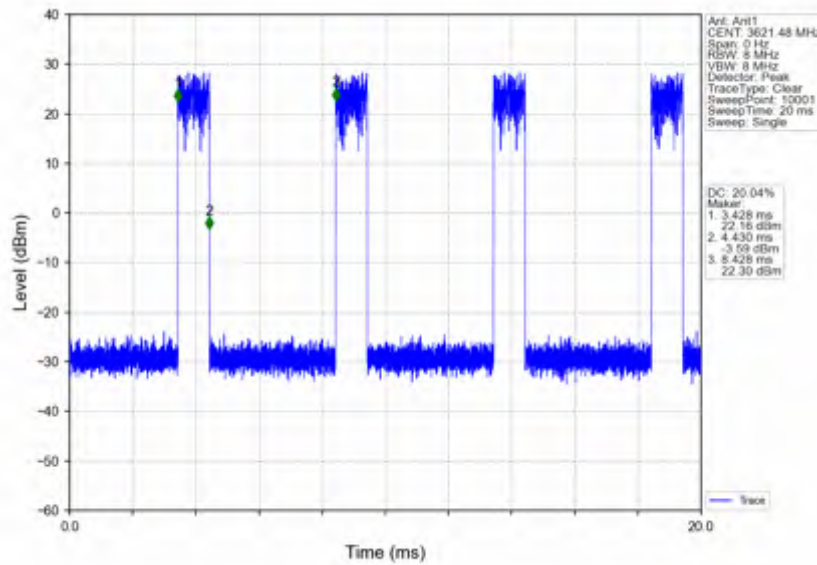
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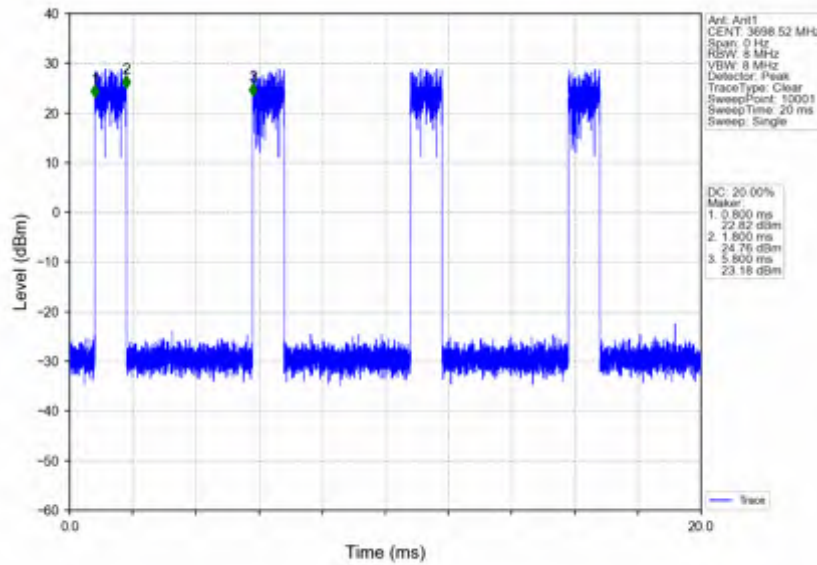
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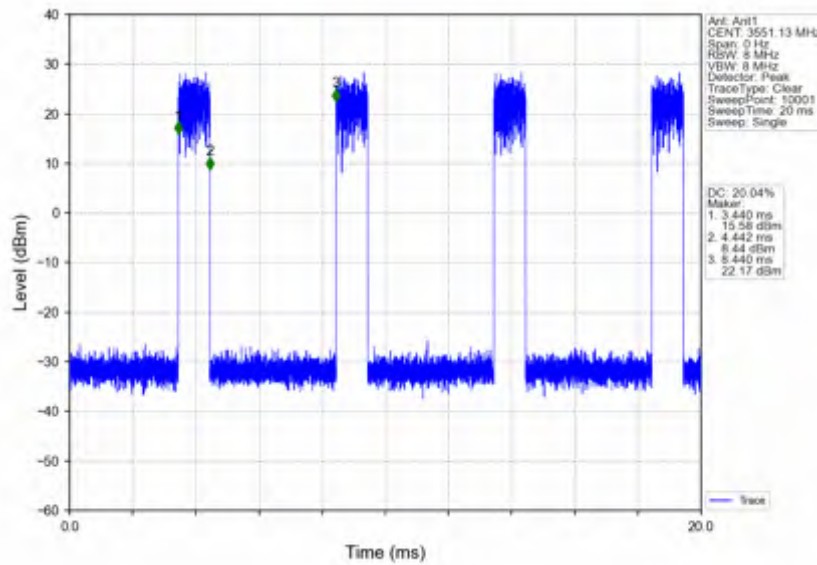
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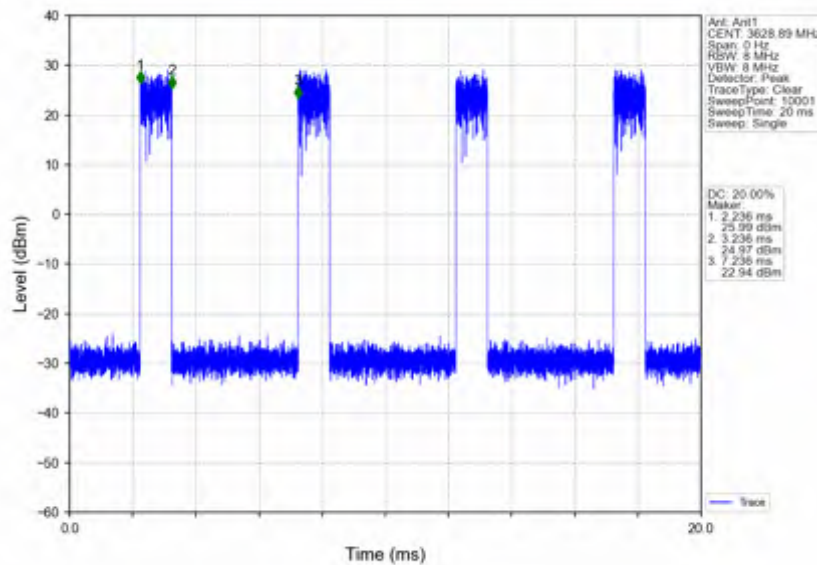
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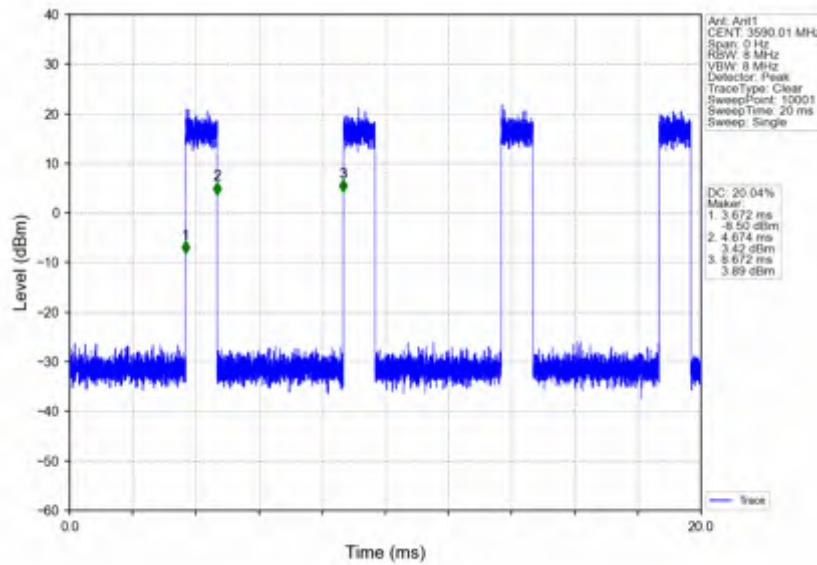
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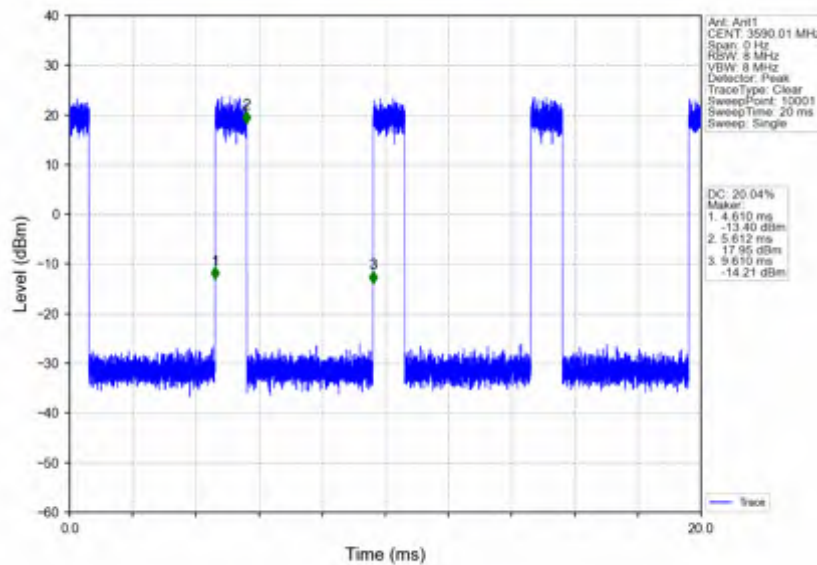
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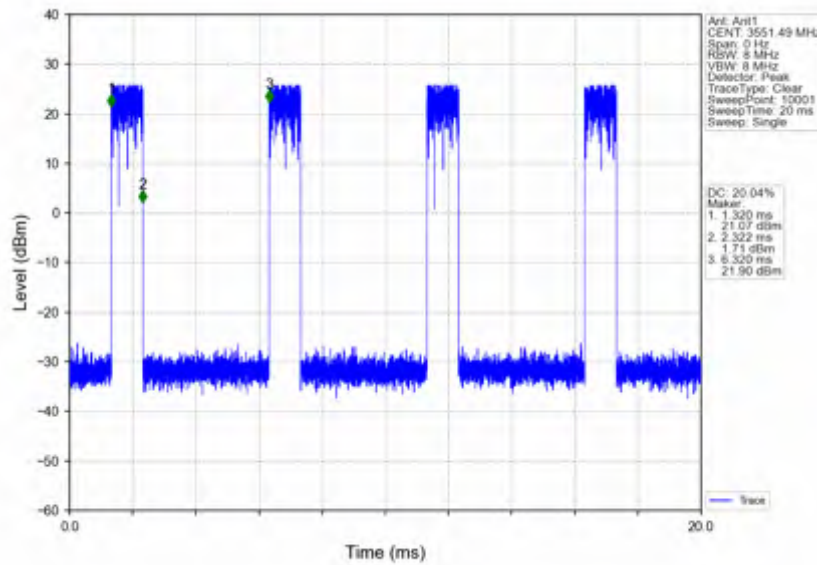


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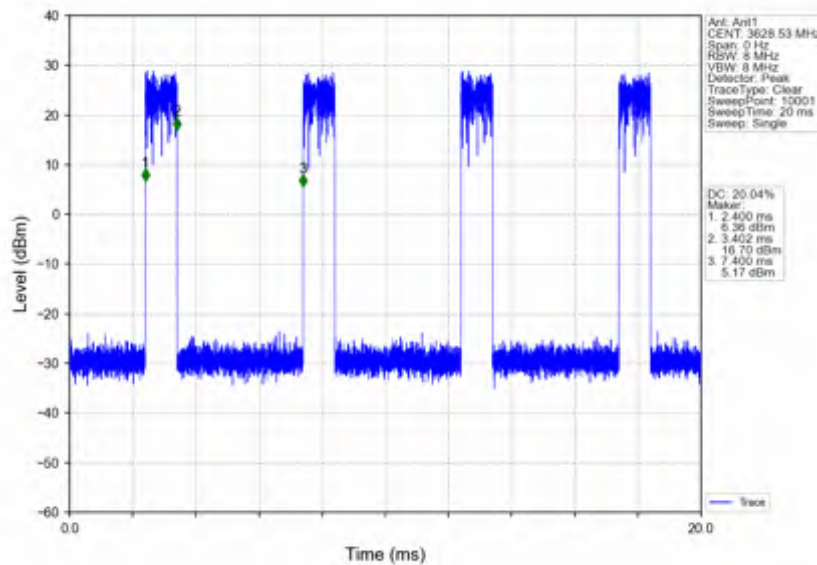




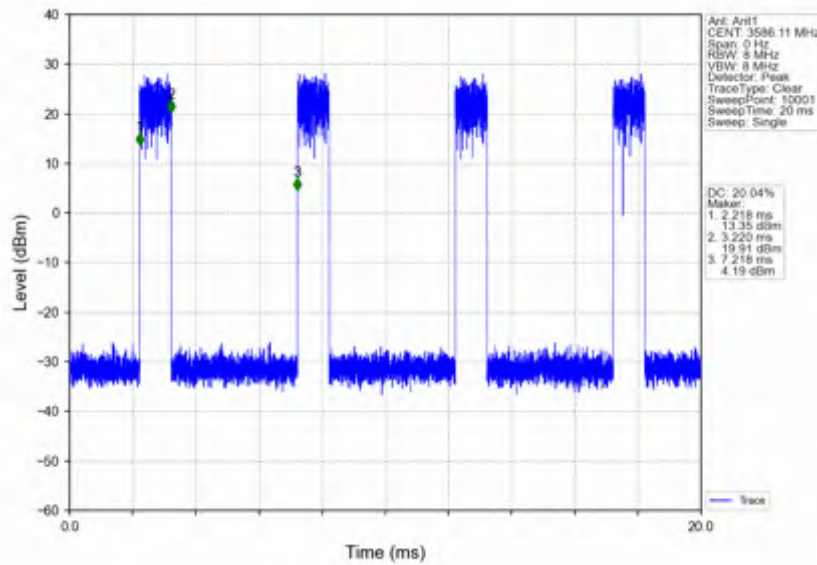
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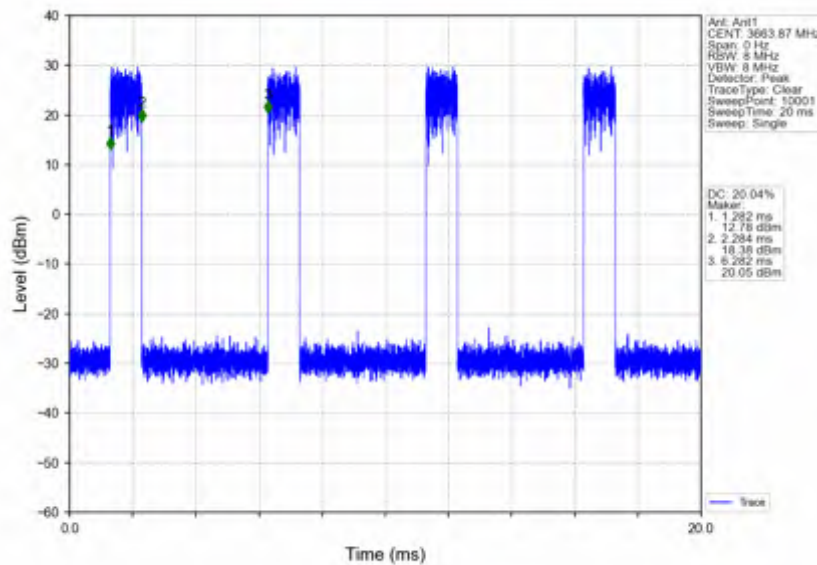
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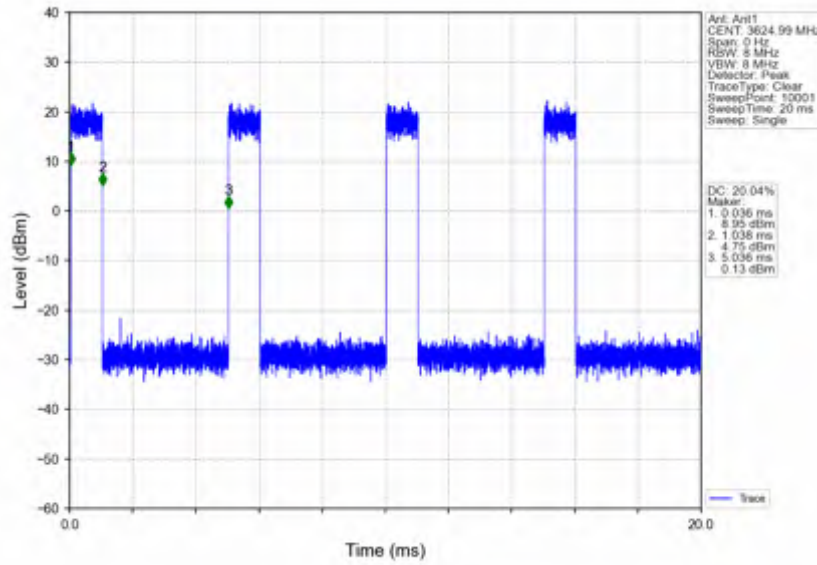
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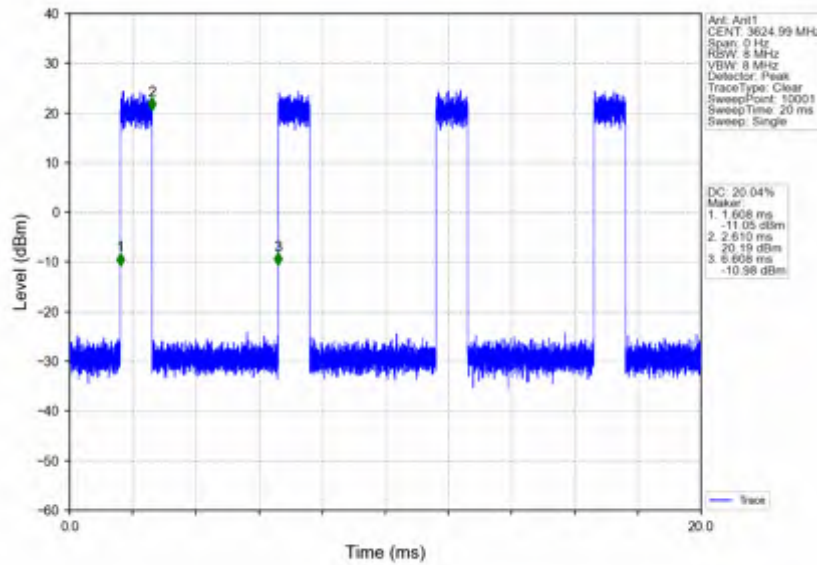
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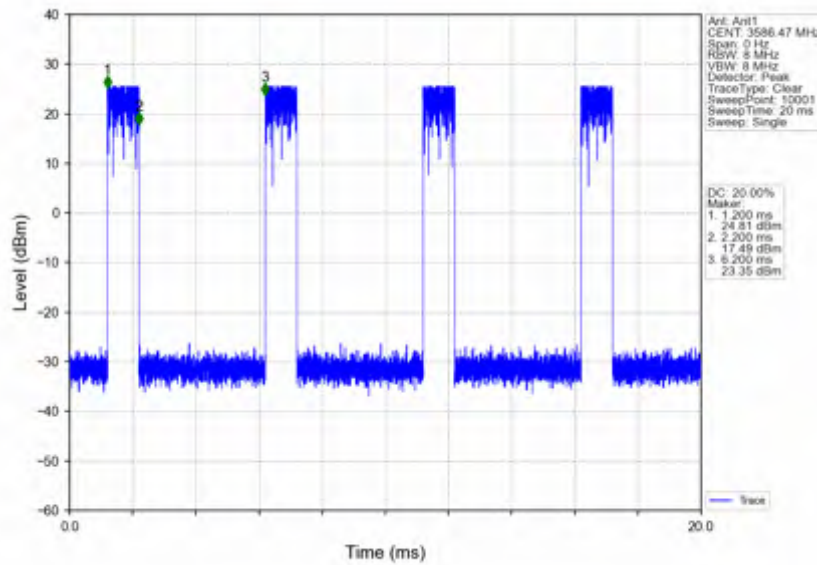
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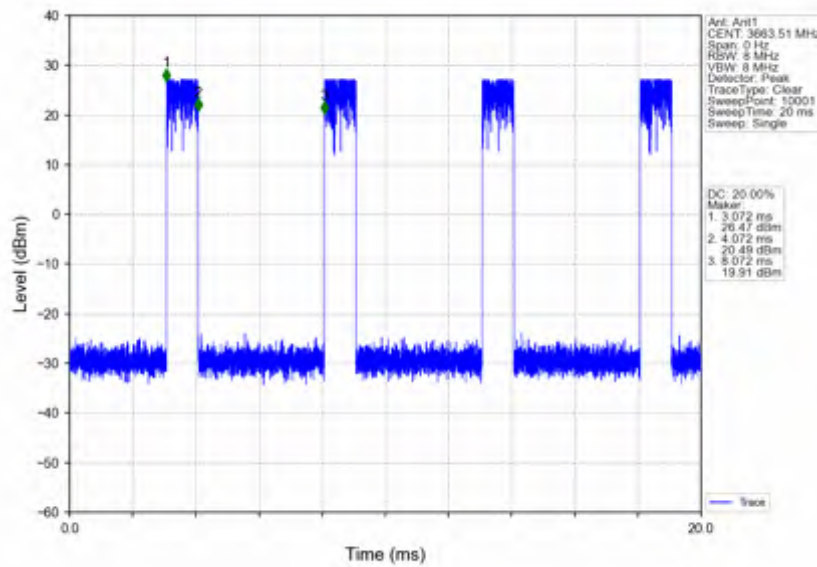
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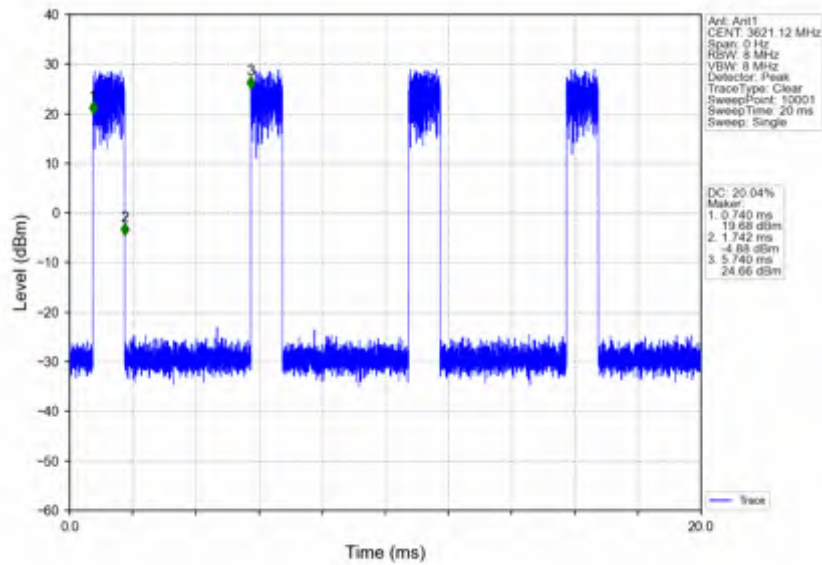
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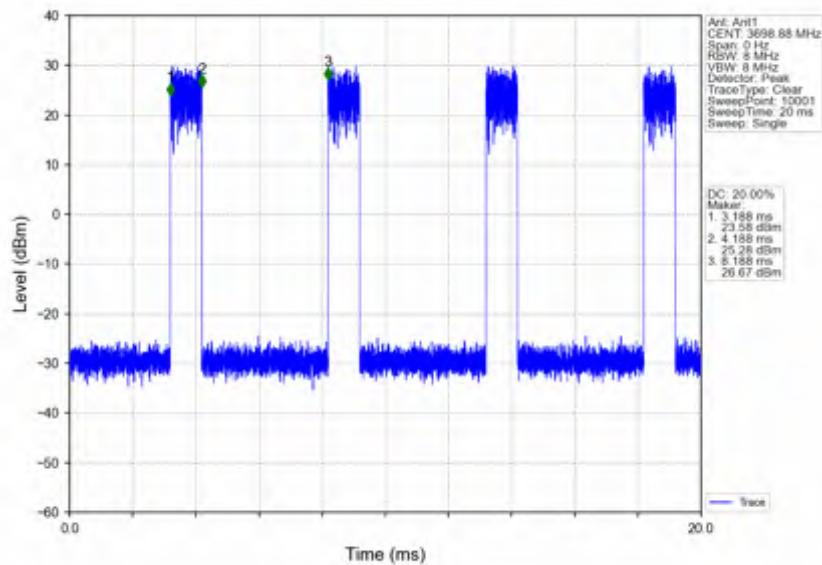
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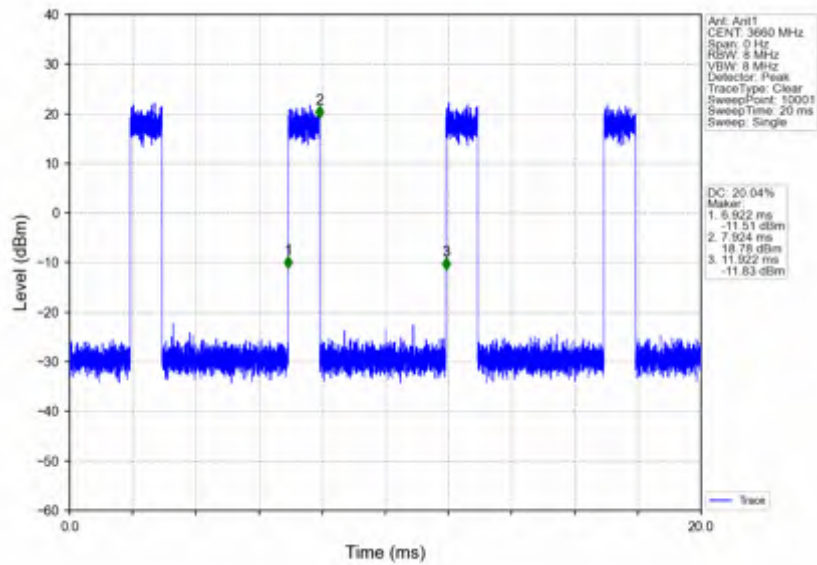
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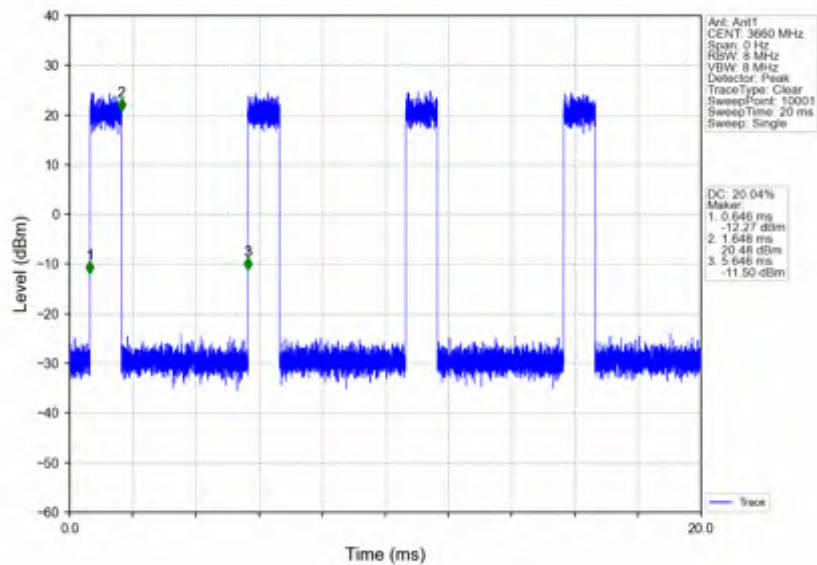
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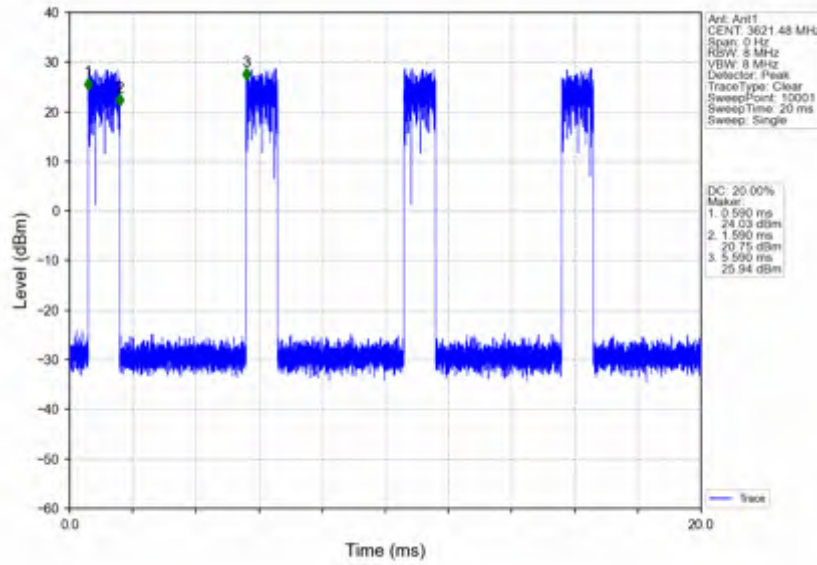
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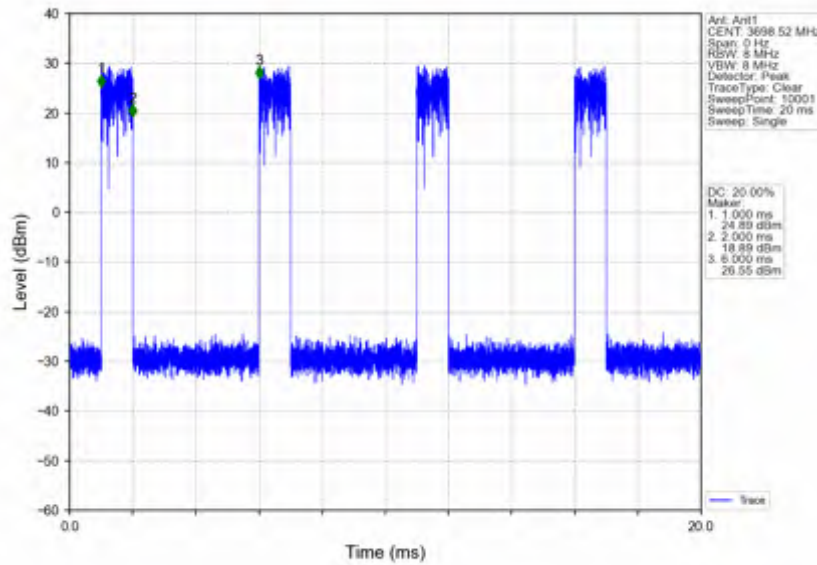
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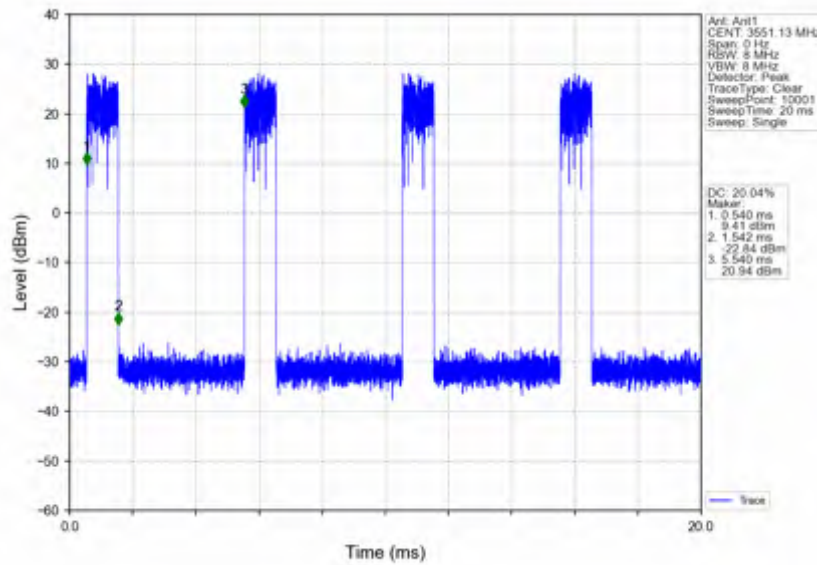
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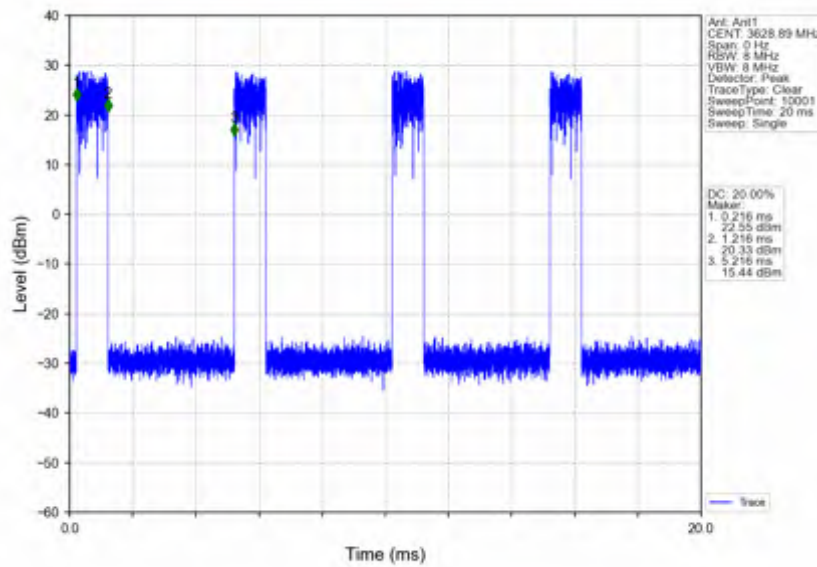
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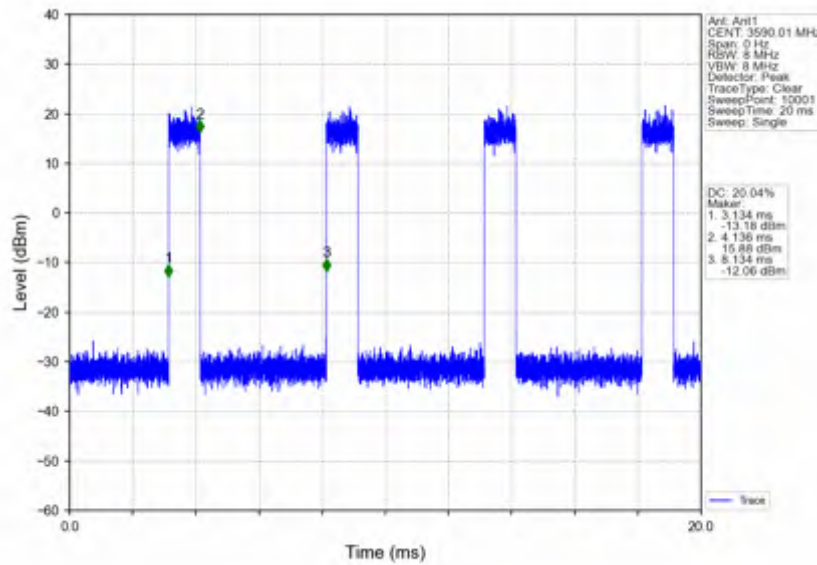


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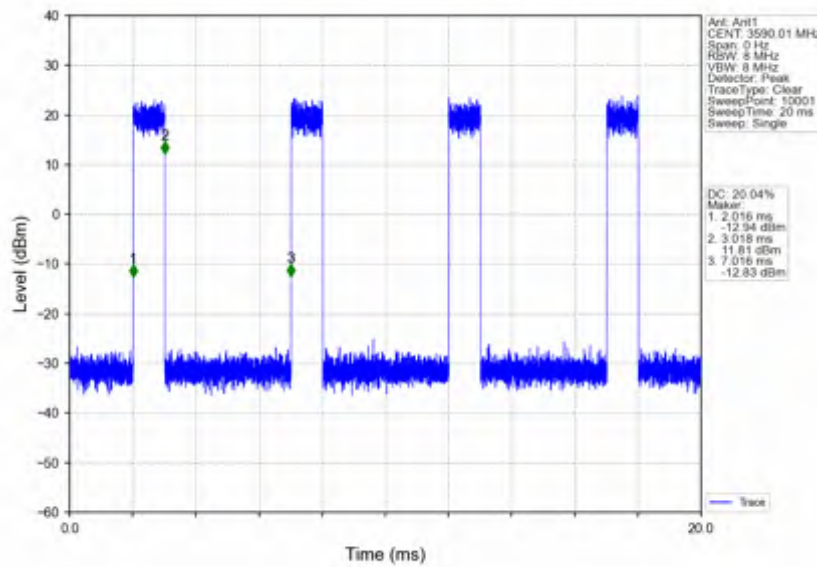




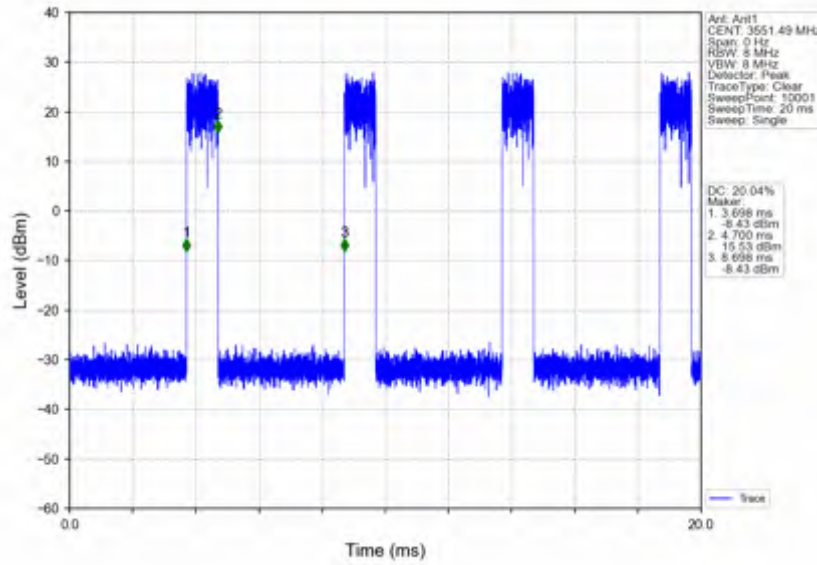
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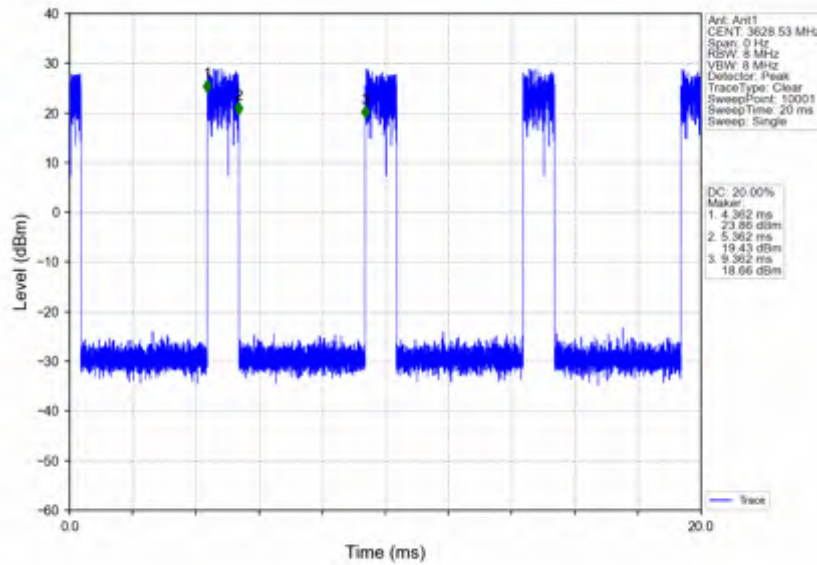
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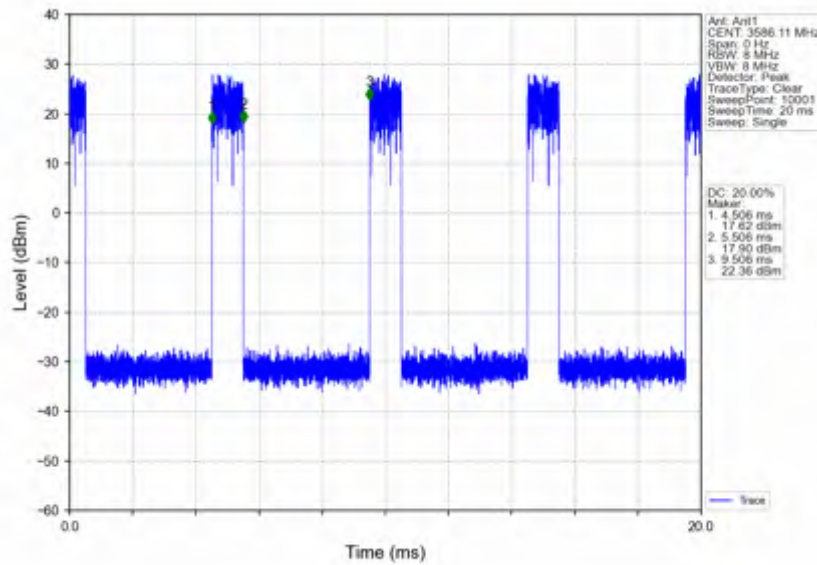
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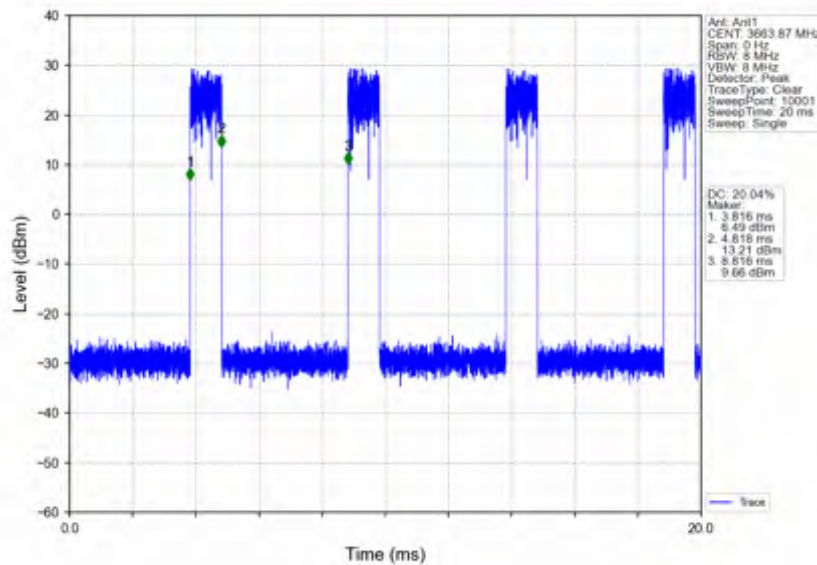
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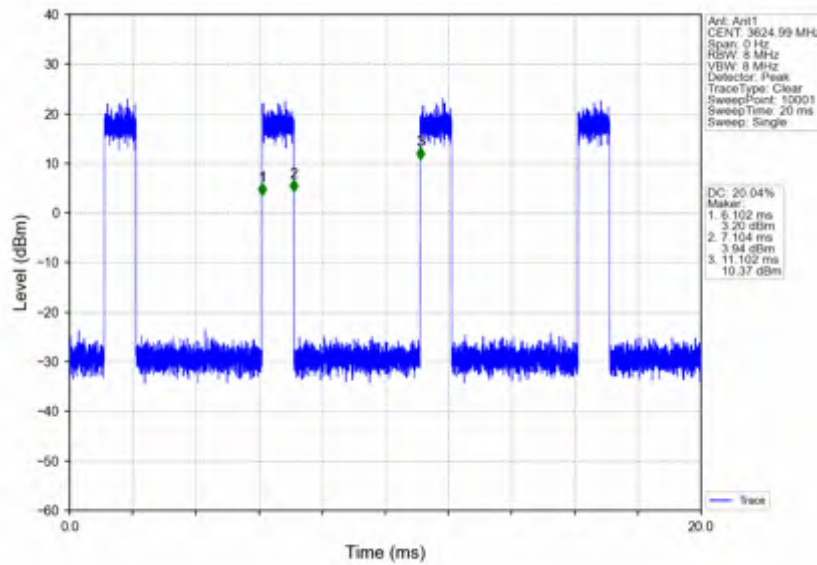
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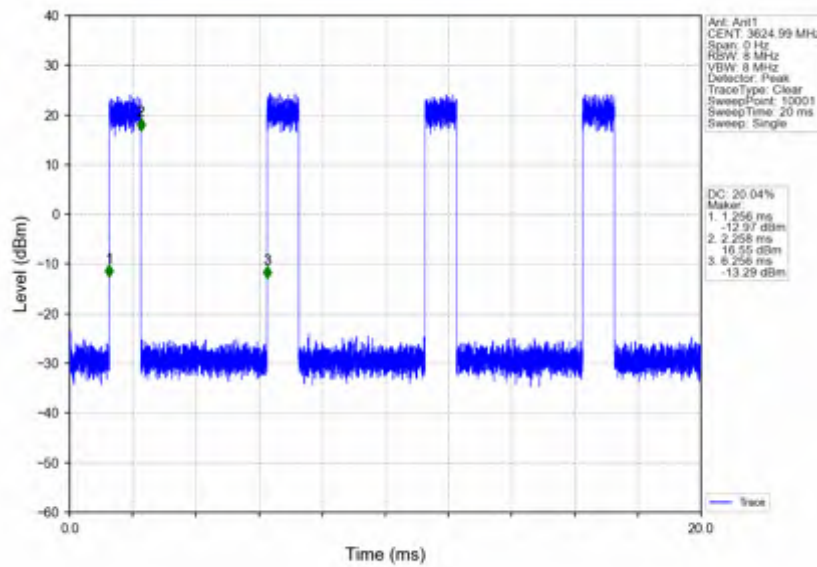
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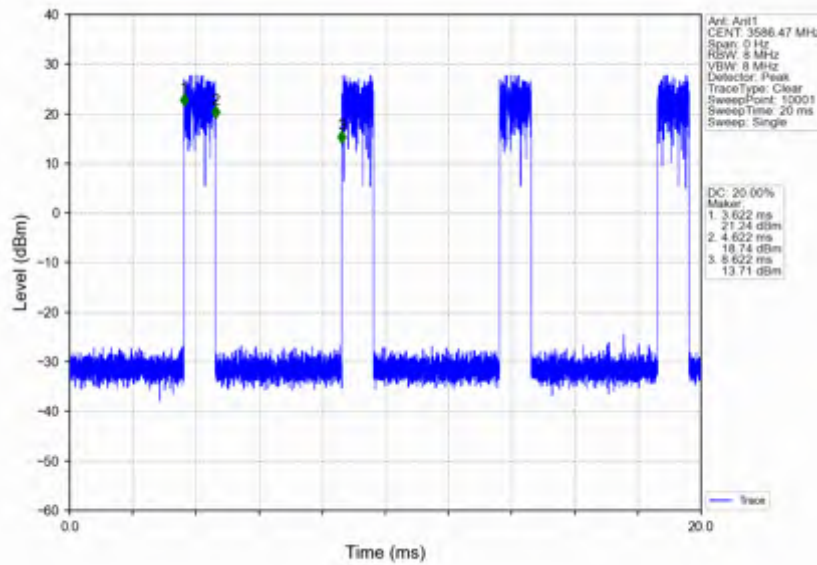
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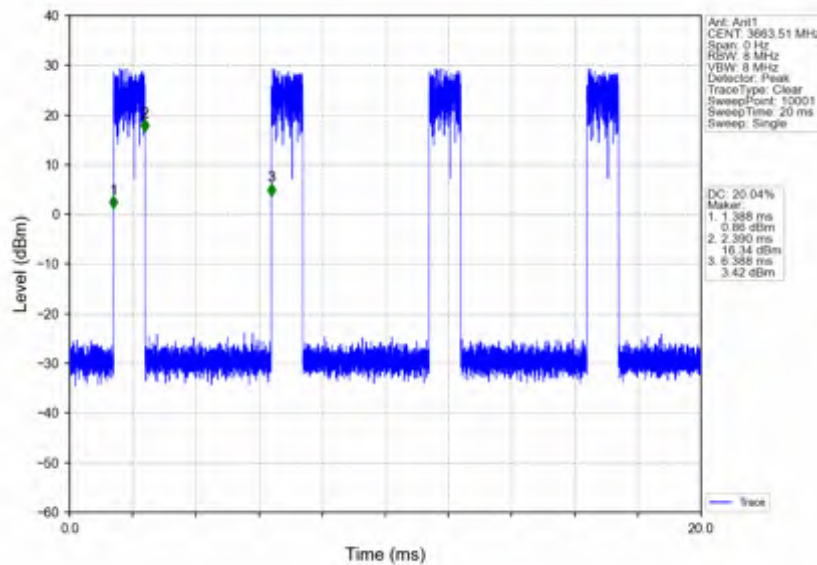
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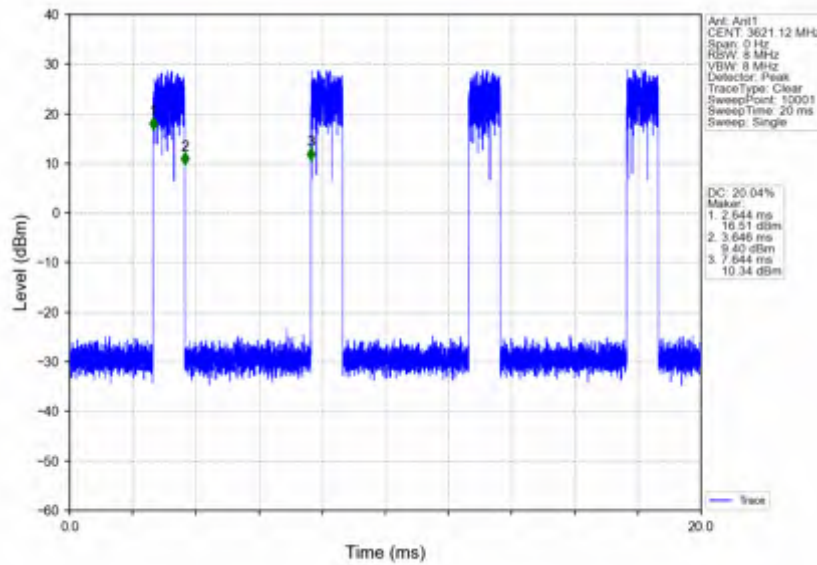
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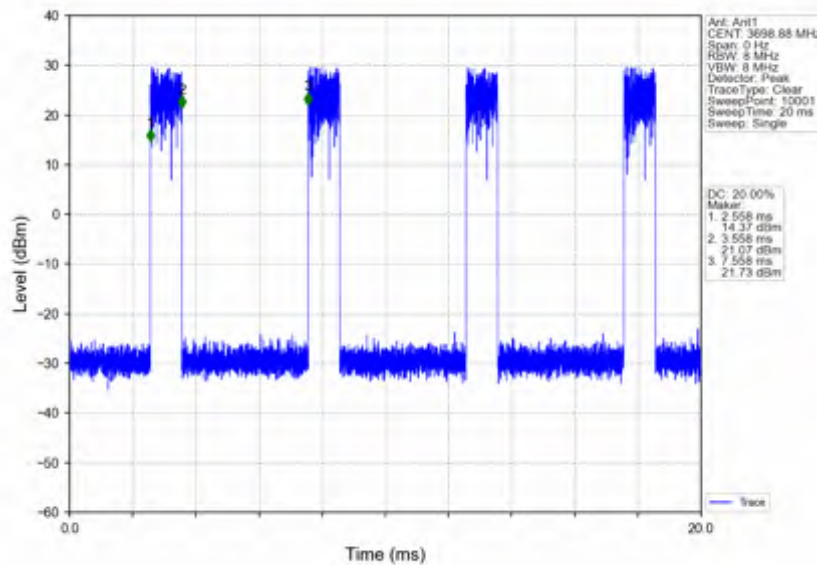
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 16 QAM\_3624.99MHz\_Inner\_1RB\_Right



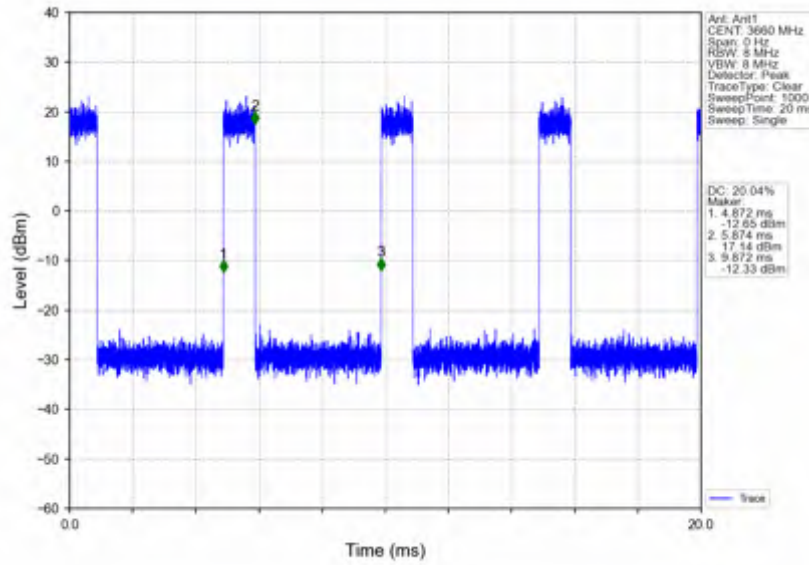
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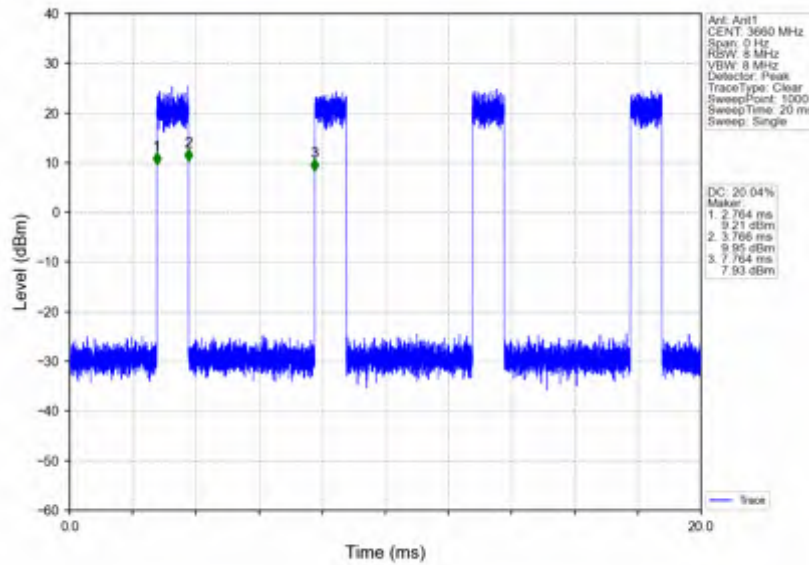
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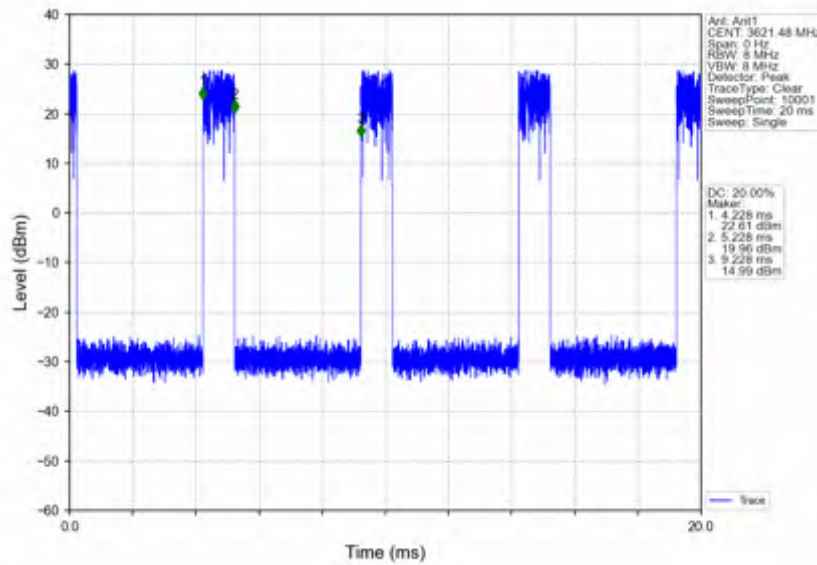
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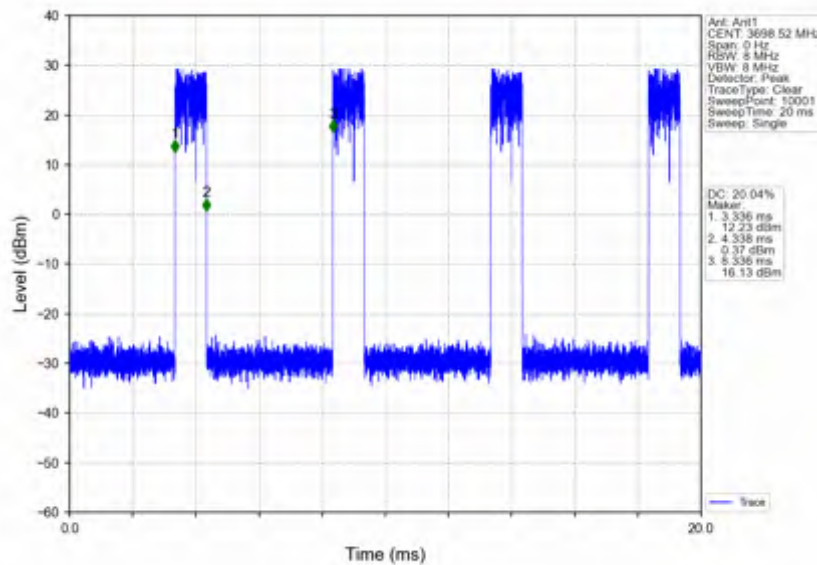
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 16 QAM\_3660MHz\_Inner\_Full



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 16 QAM\_3660MHz\_Inner\_1RB\_Left

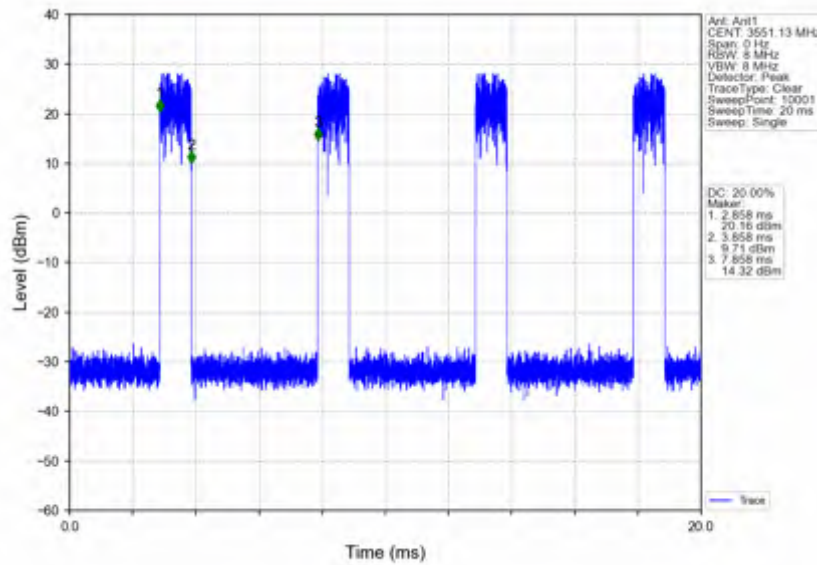


n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 16 QAM\_3660MHz\_Inner\_1RB\_Right

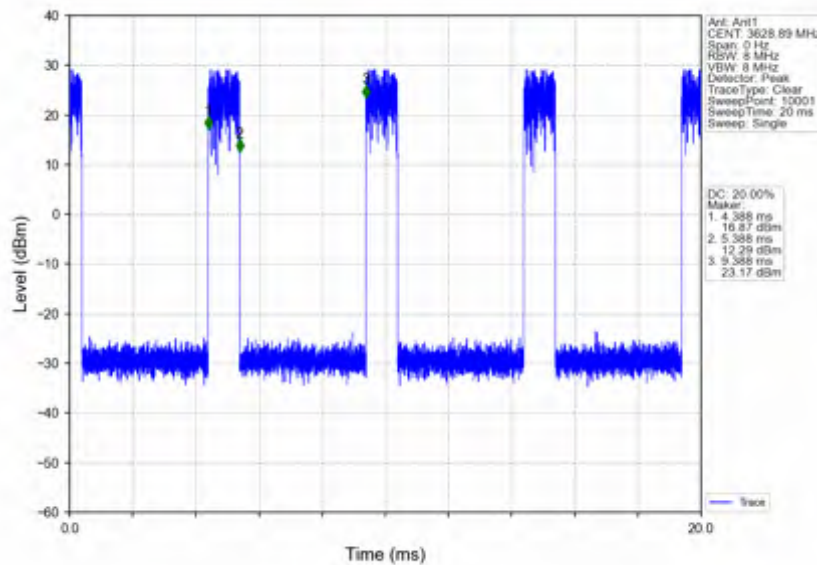




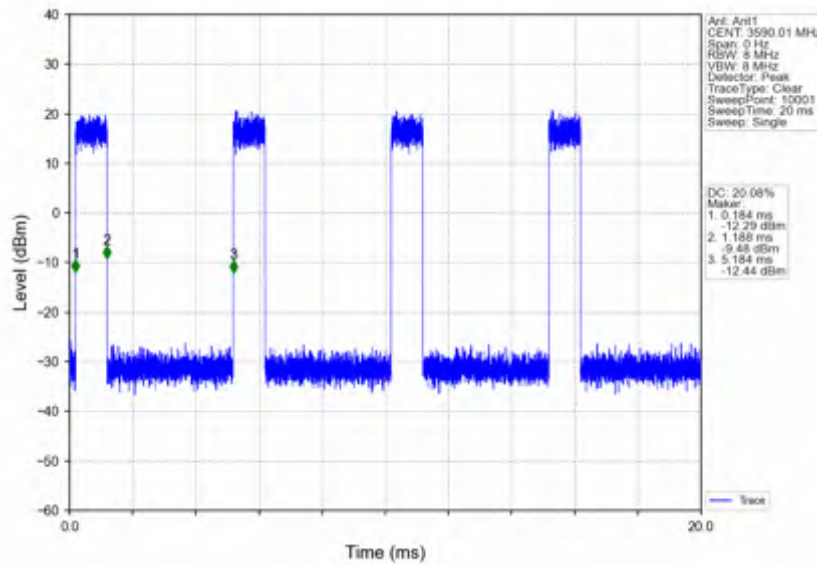
n78(3550-3700MHz)\_30kHz\_SISO\_NTV\_80MHz\_CP-OFDM 64 QAM\_3590.01MHz\_Edge\_1RB\_Left



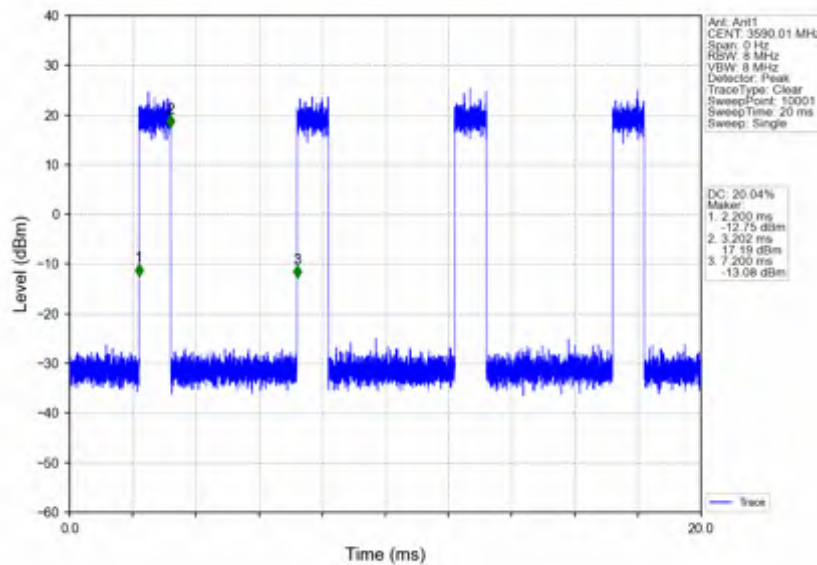
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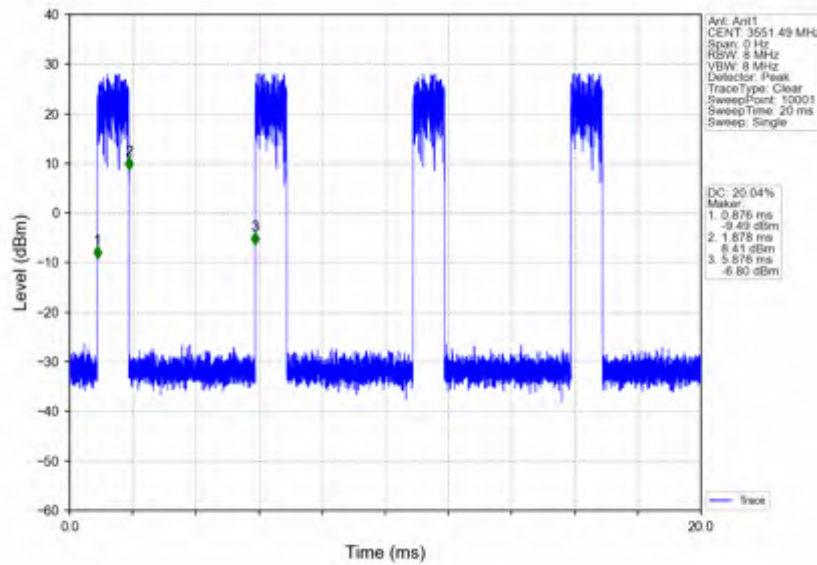
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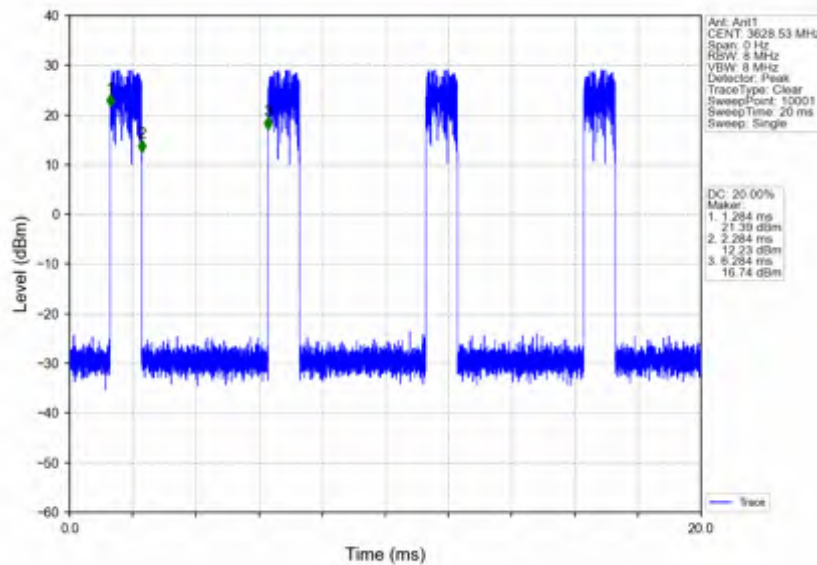
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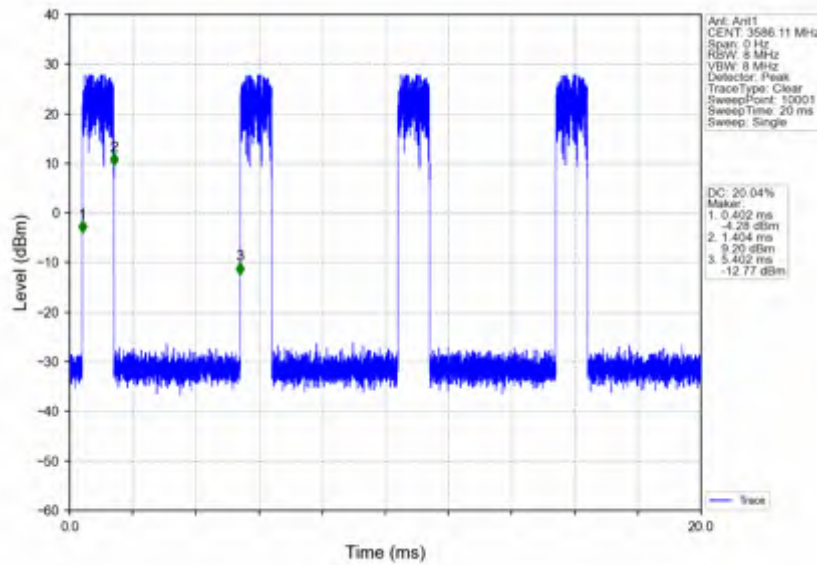
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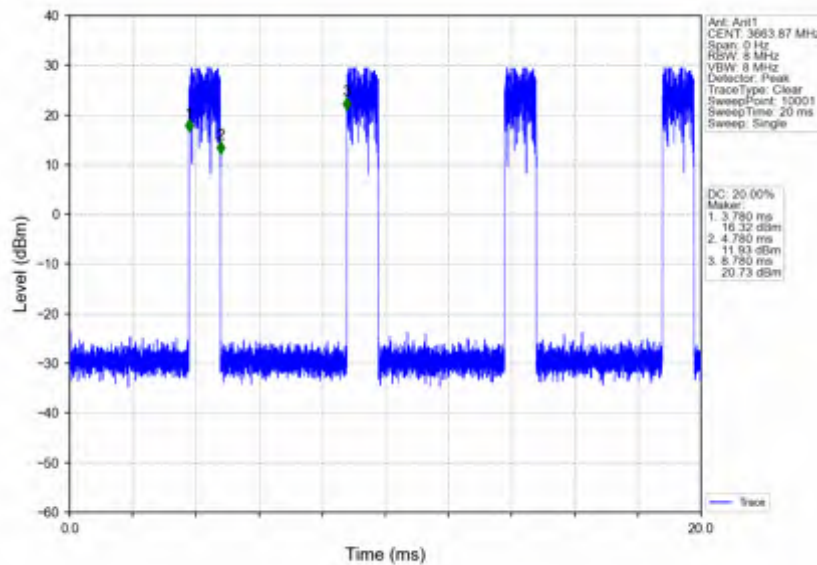
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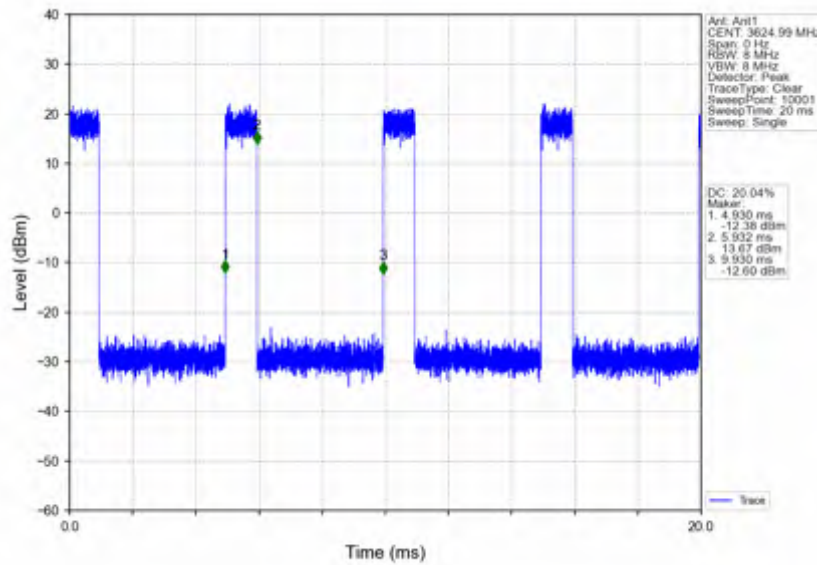
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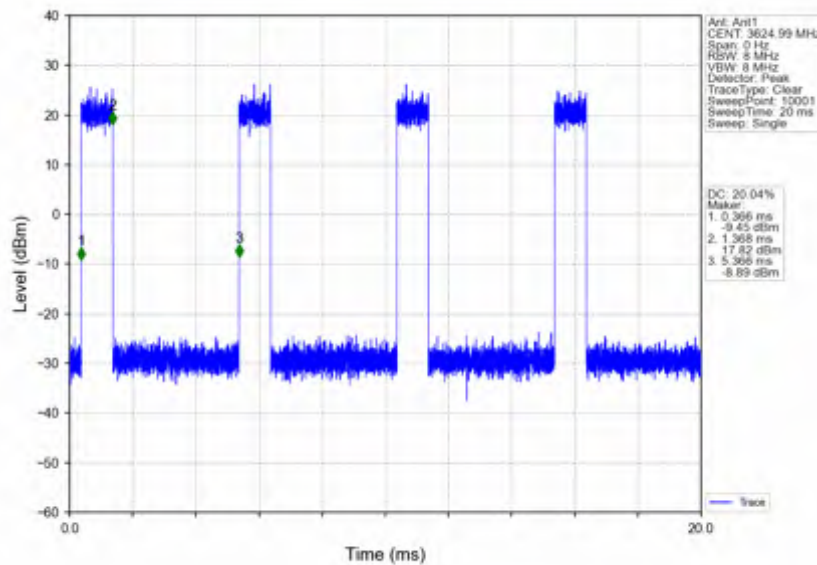
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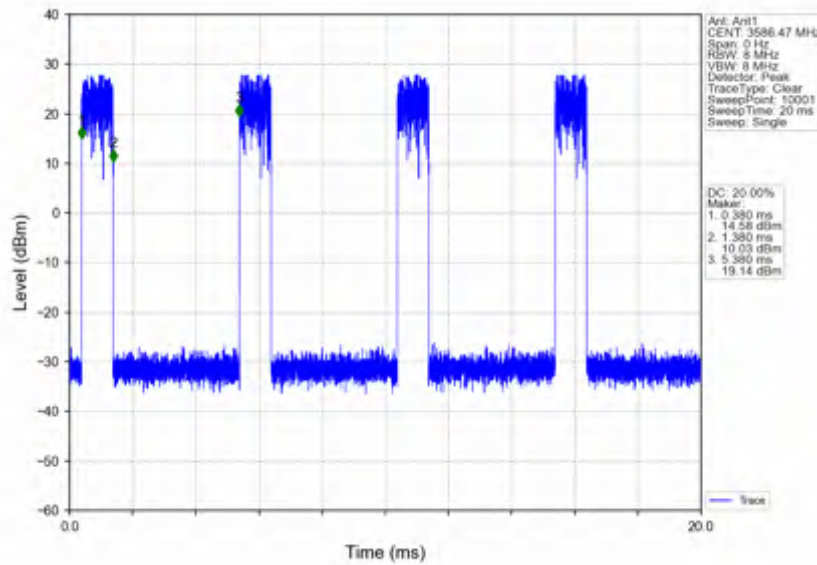
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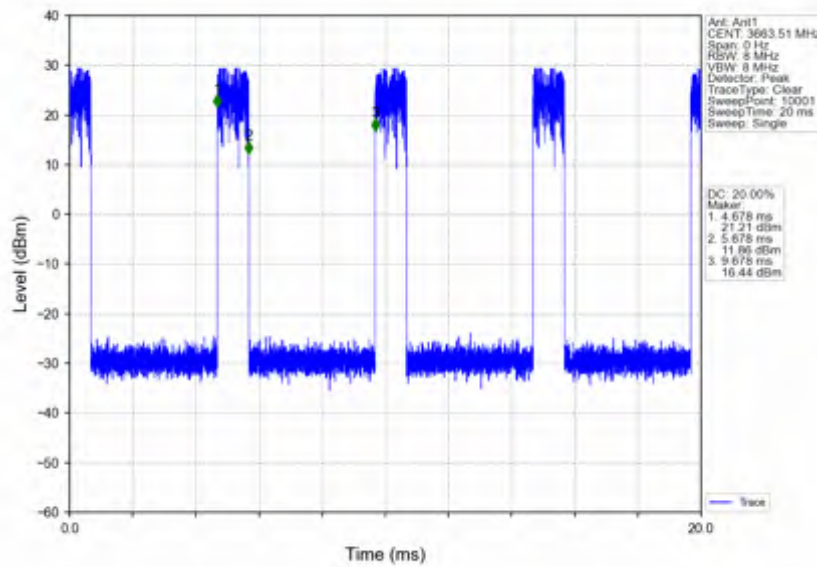
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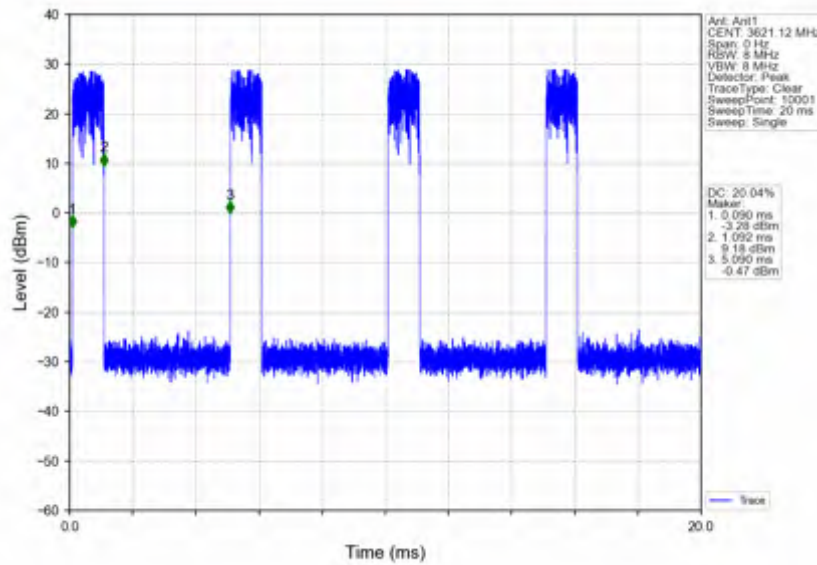
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Inner\_1RB\_Left



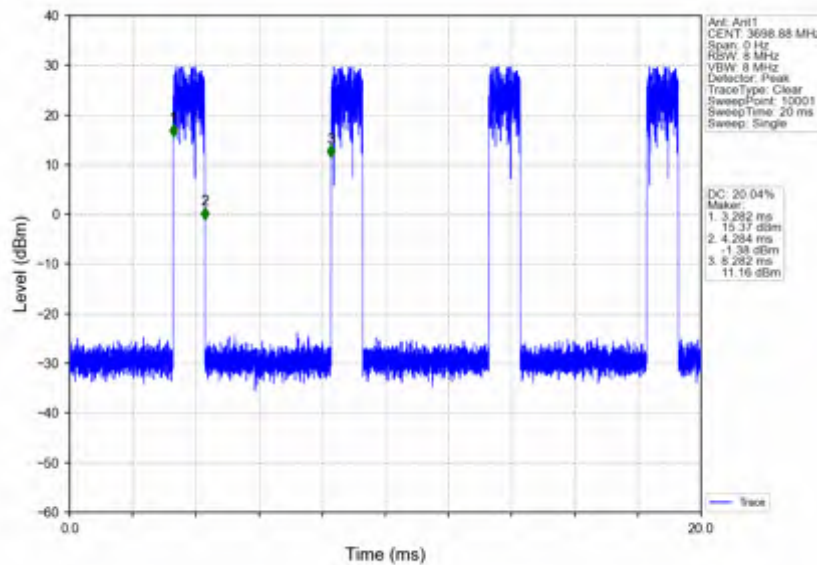
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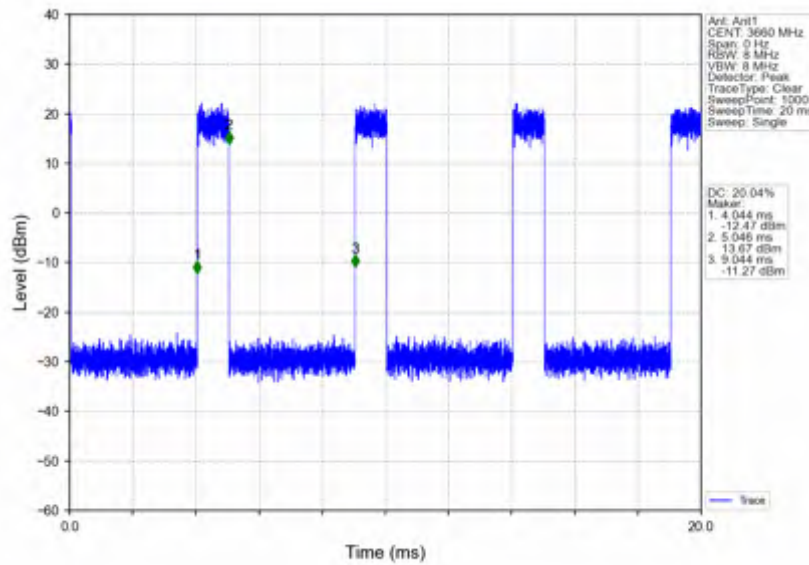
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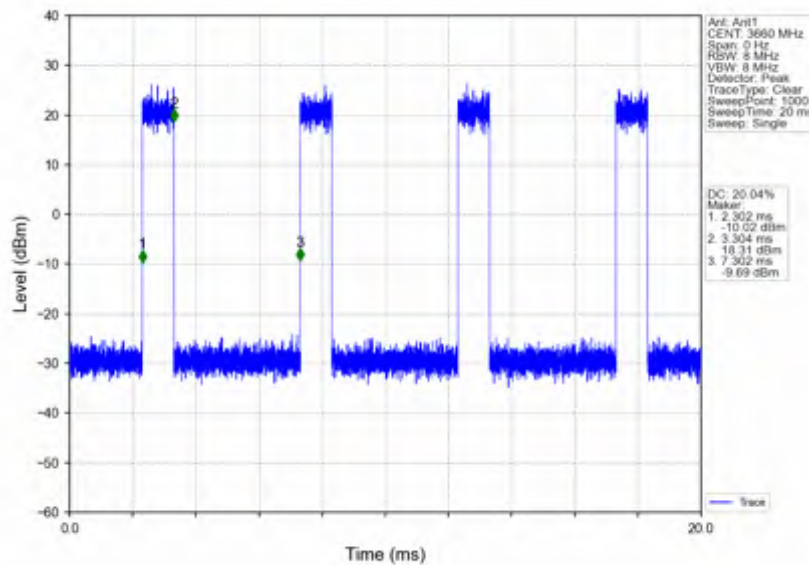
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 64 QAM\_3660MHz\_Edge\_1RB\_Right



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 64 QAM\_3660MHz\_Outer\_Full

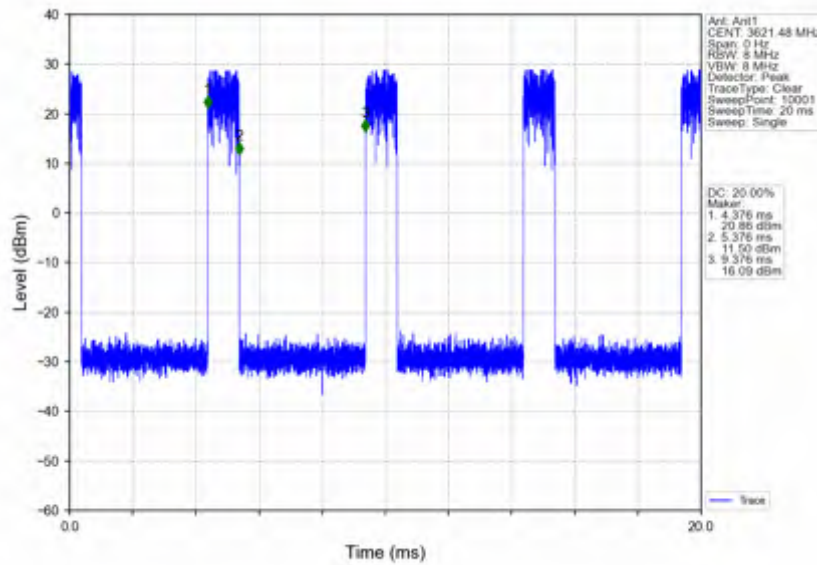


n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 64 QAM\_3660MHz\_Inner\_Full

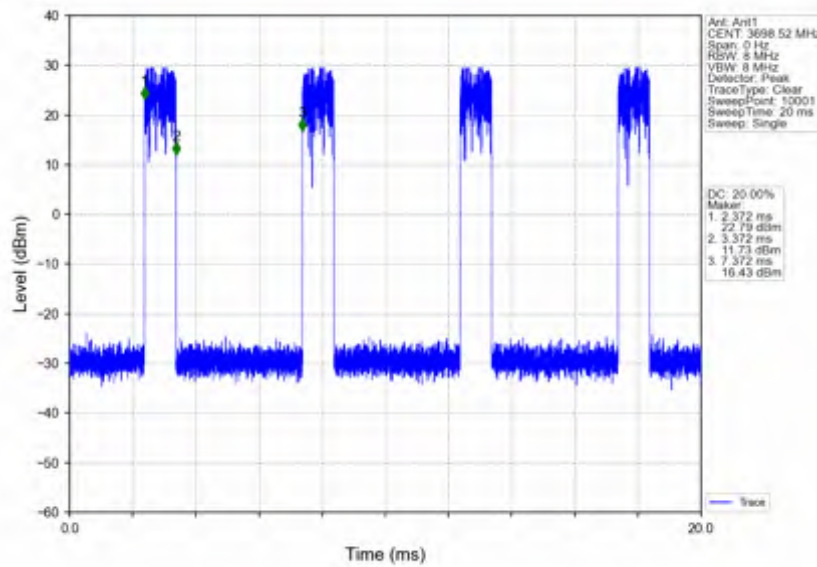




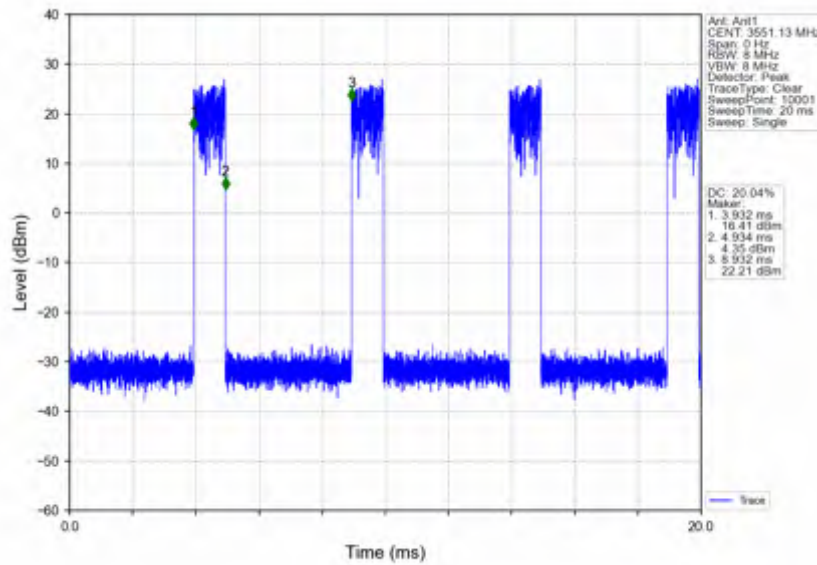
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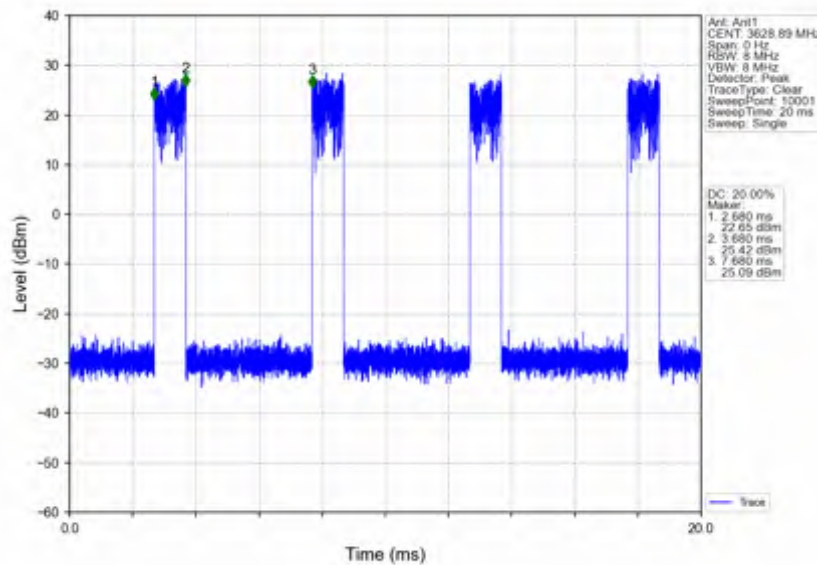
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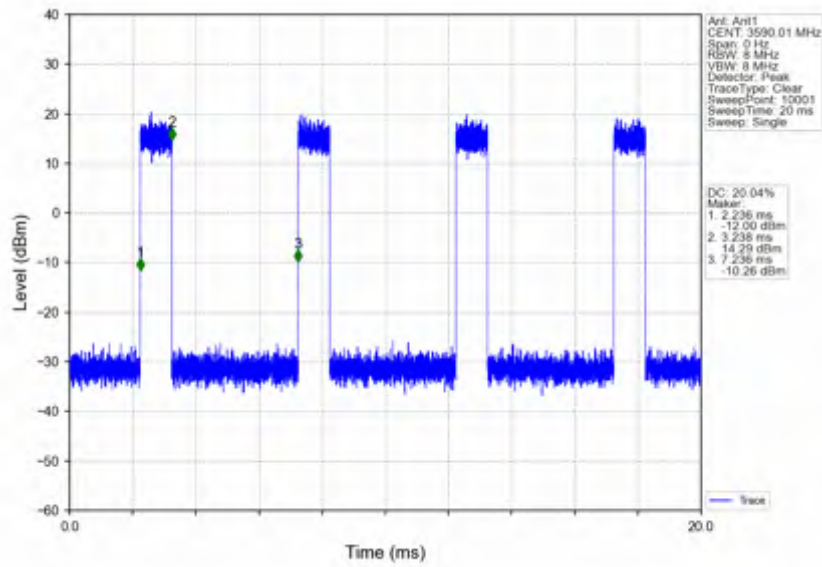
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 256 QAM\_3590.01MHz\_Edge\_1RB\_Left



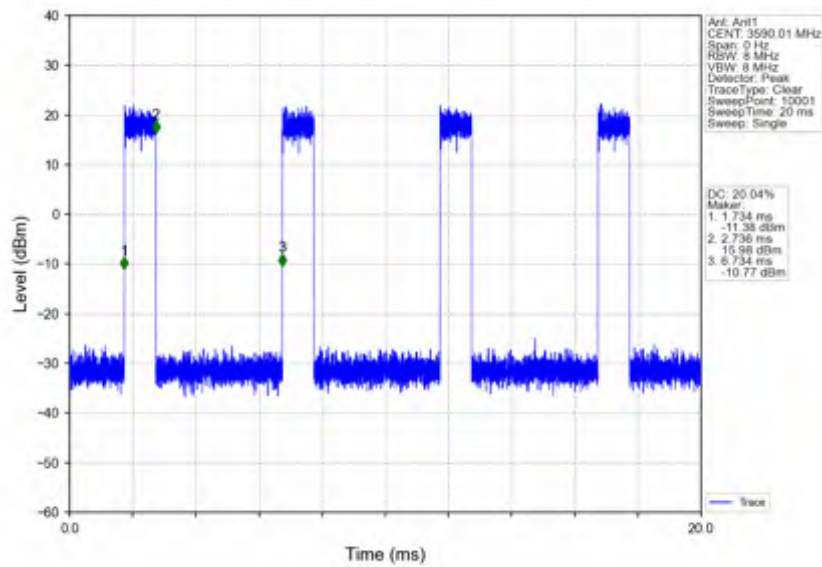
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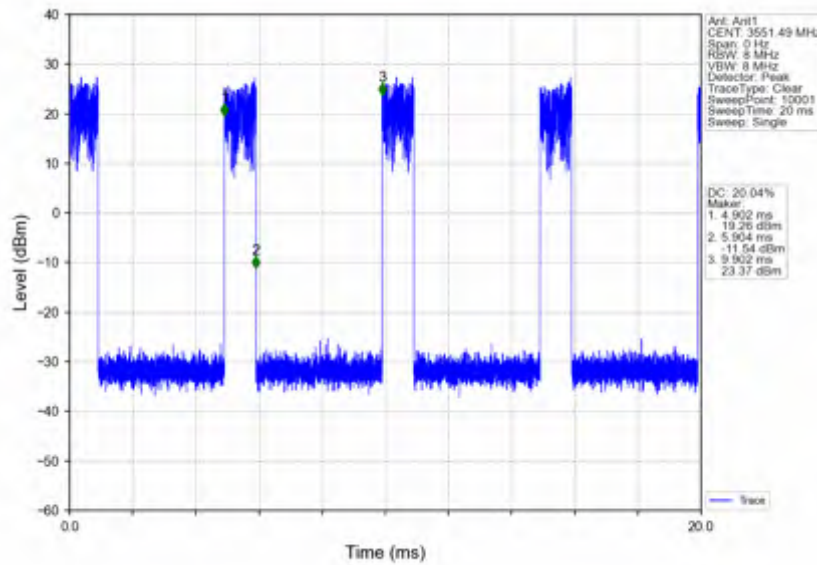
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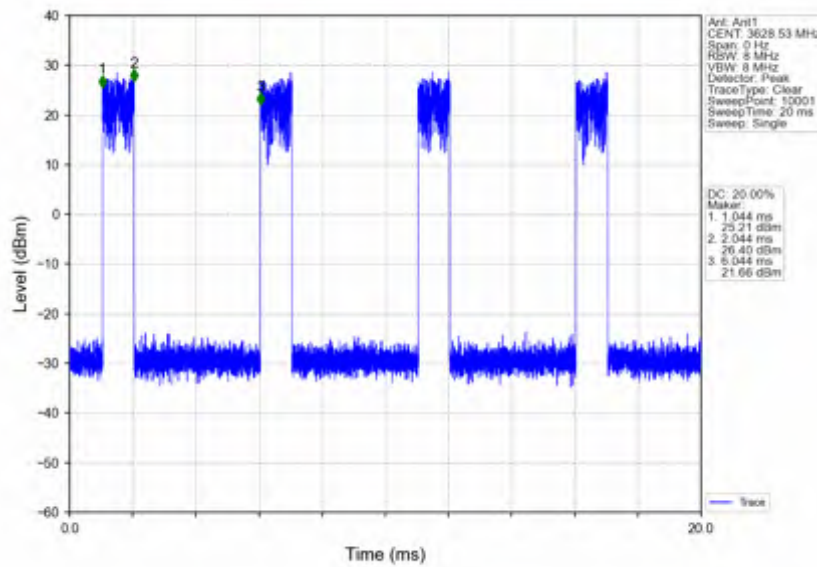
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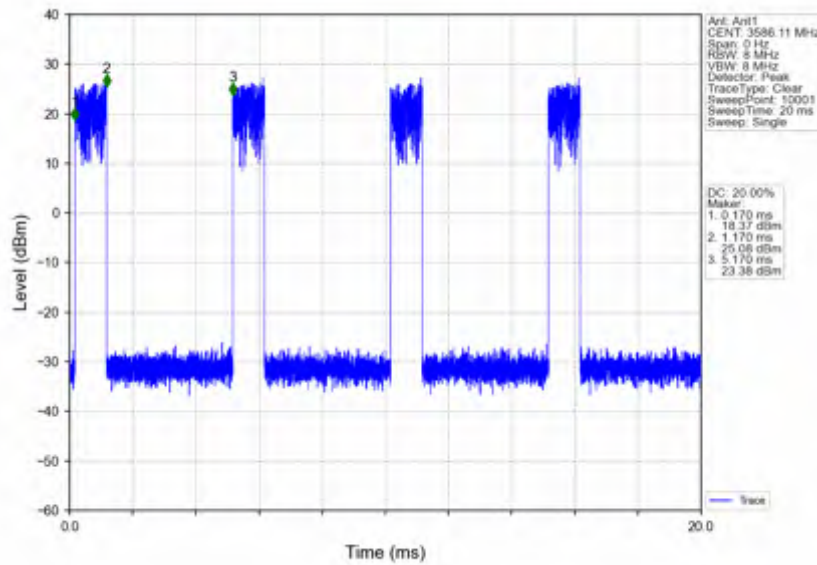
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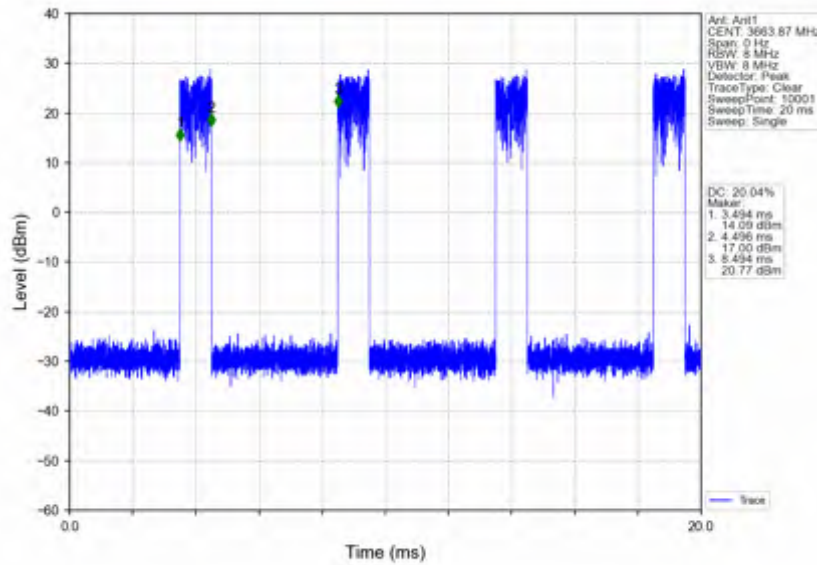
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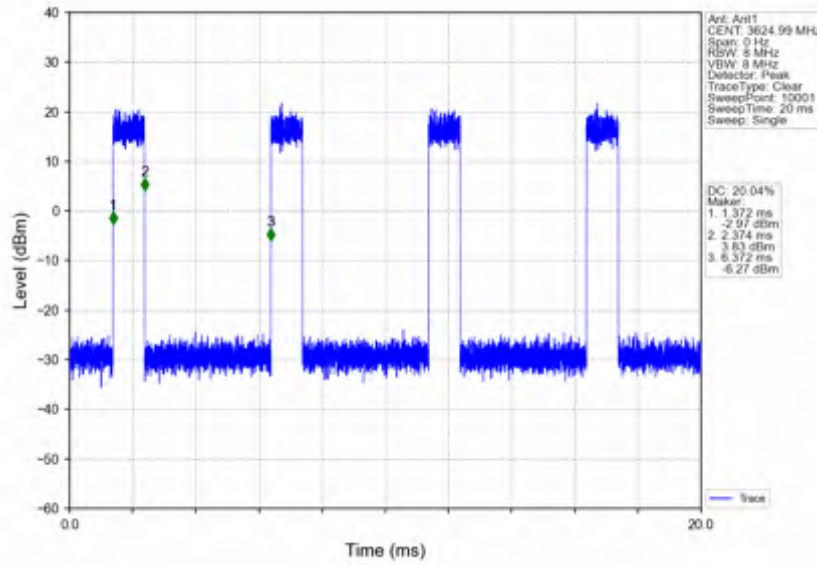
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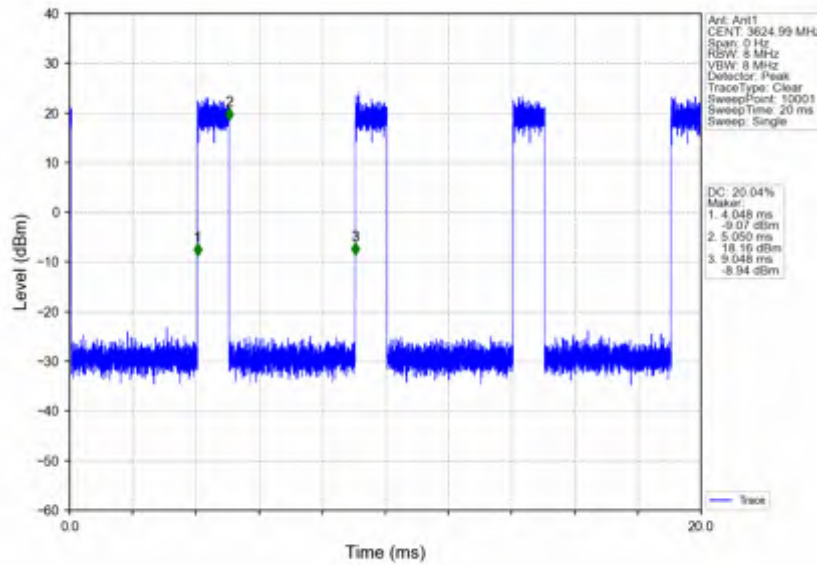
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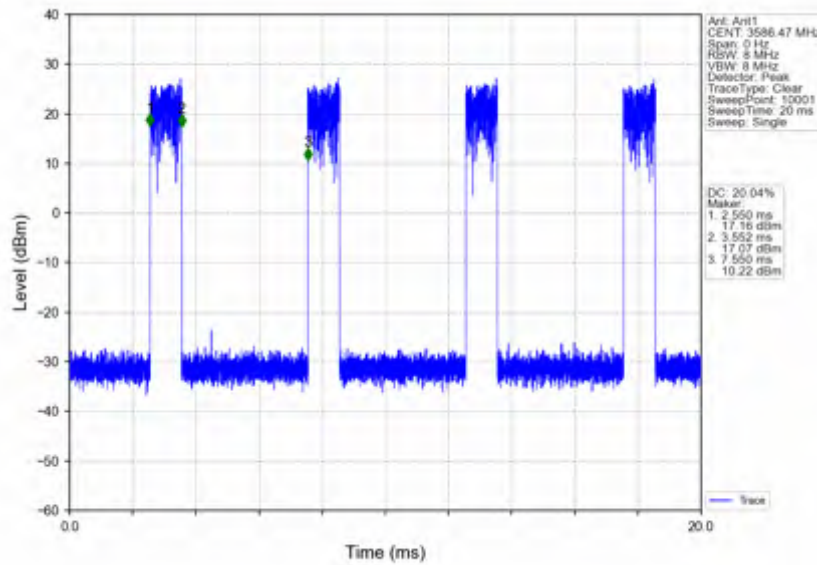
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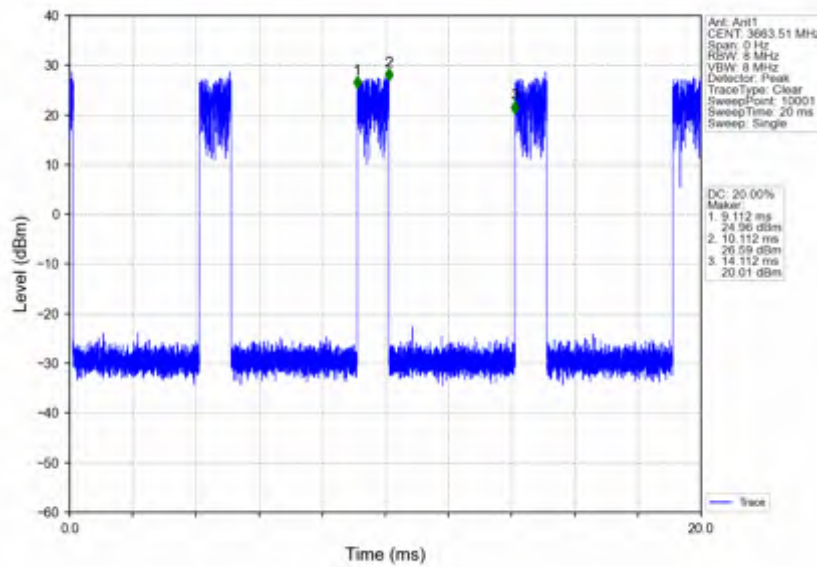
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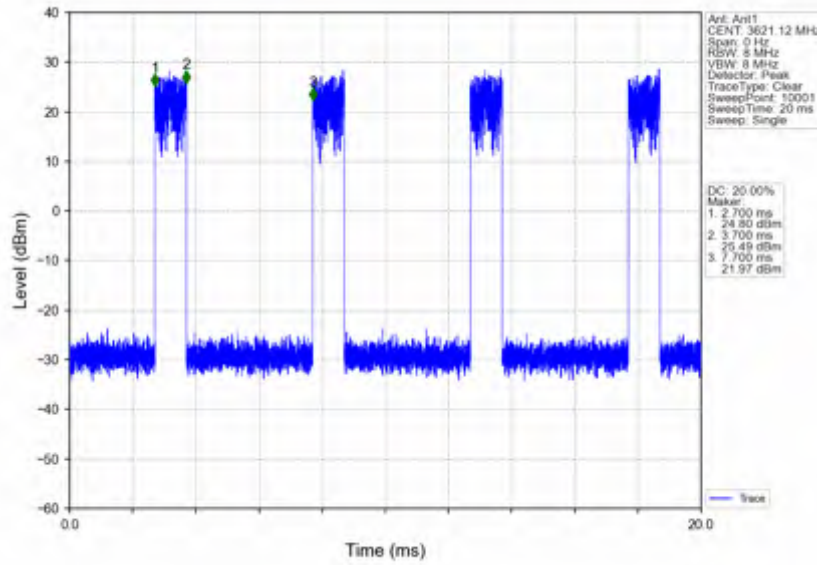
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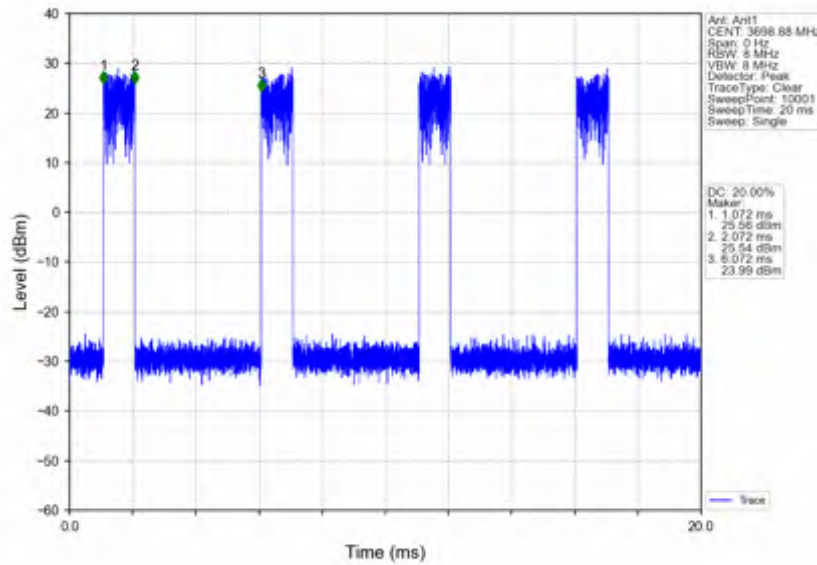
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 256 QAM\_3624.99MHz\_Inner\_1RB\_Right



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 256 QAM\_3660MHz\_Edge\_1RB\_Left

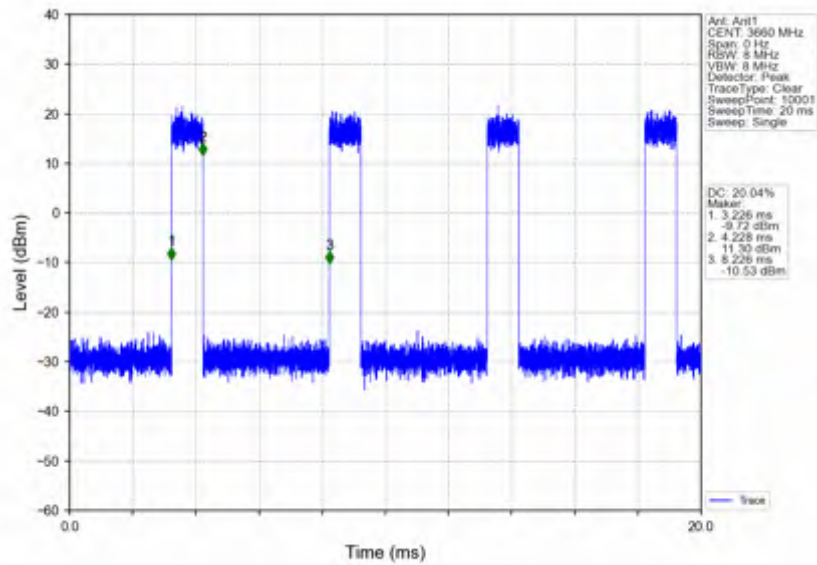


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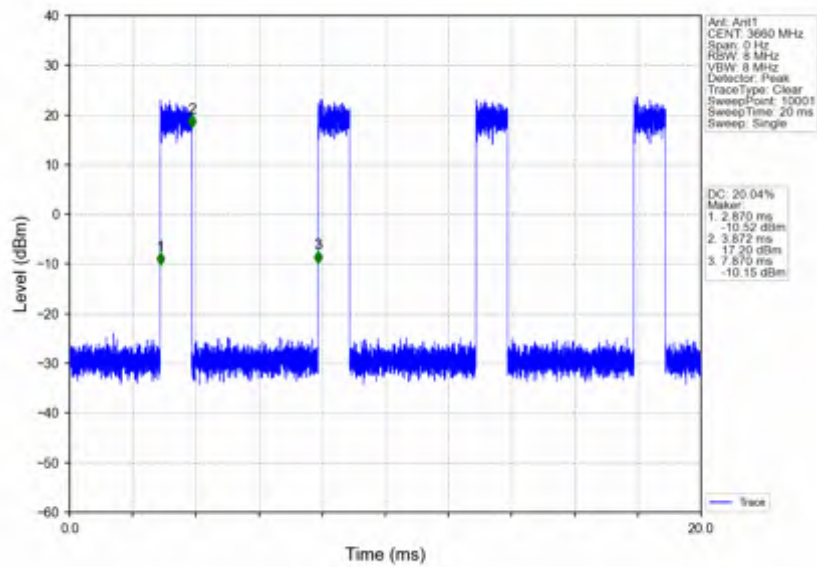




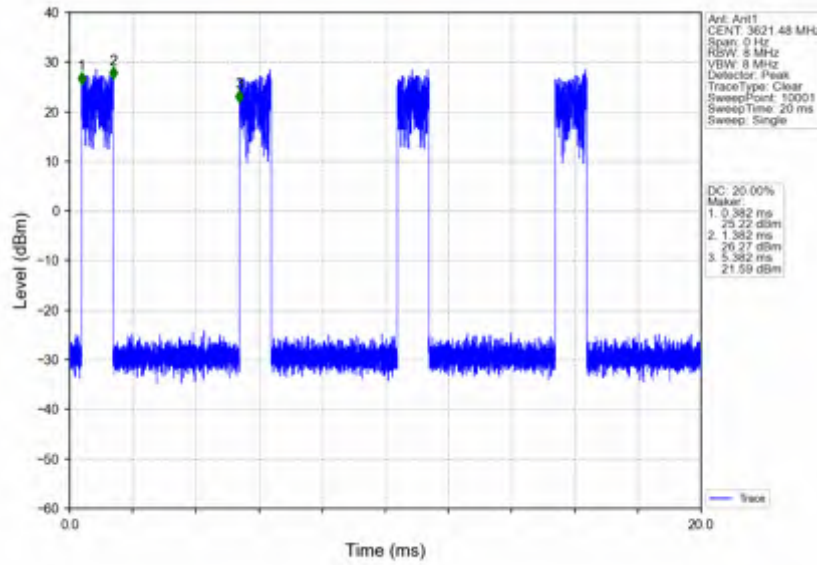
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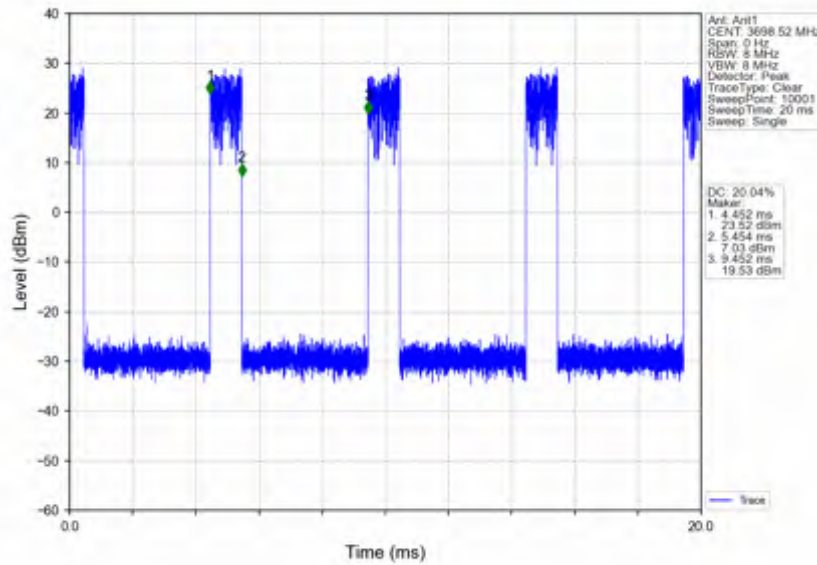
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 256 QAM\_3660MHz\_Inner\_Full



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 256 QAM\_3660MHz\_Inner\_1RB\_Left



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM 256 QAM\_3660MHz\_Inner\_1RB\_Right



1.8 30k\_SISO\_90MHz\_NTNV

1.8.1 Test Result

5G NR n78(3550-3700MHz) SCS=30kHz SISO 90MHz NTN							
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	3595.02	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3624.99	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3654.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM QPSK	3595.02	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	4.998	20.05	6.98	0.03
		Inner_Full	1.002	5.000	20.04	6.98	0.01
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3654.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
DFT-s-OFDM 16 QAM	3595.02	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00

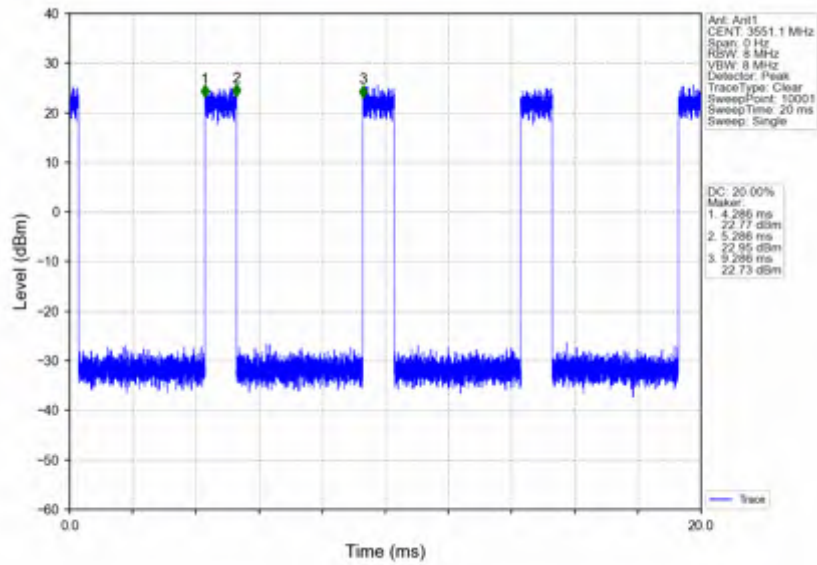
	3654.99	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.04
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
DFT-s-OFDM 64 QAM	3595.02	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.000	4.998	20.01	6.99	0.03
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
	3624.99	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.004	5.000	20.08	6.97	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
	3654.99	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM 256 QAM	3595.02	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.004	5.000	20.08	6.97	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
	3624.99	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
	3654.99	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
CP-OFDM QPSK	3595.02	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
	3624.99	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
	3654.99	Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00

CP-OFDM 16 QAM	3595.02	Inner_Full	1.002	5.000	20.04	6.98	0.00	
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00	
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00	
	3624.99	3595.02	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
			Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
			Outer_Full	1.002	5.000	20.04	6.98	0.00
		3624.99	Inner_Full	1.002	5.000	20.04	6.98	0.00
			Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
			Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
3654.99	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00	
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00	
		Outer_Full	1.002	5.000	20.04	6.98	0.00	
	3654.99	Inner_Full	1.002	5.000	20.04	6.98	0.00	
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00	
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00	
CP-OFDM 64 QAM	3595.02	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00	
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00	
		Outer_Full	1.002	5.000	20.04	6.98	0.00	
		Inner_Full	1.002	5.000	20.04	6.98	0.00	
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00	
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00	
	3624.99	3595.02	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
			Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
			Outer_Full	1.002	5.000	20.04	6.98	0.04
		3624.99	Inner_Full	1.002	5.000	20.04	6.98	0.00
			Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
			Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3654.99	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
			Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
			Outer_Full	1.004	5.000	20.08	6.97	0.00
		3654.99	Inner_Full	1.002	5.000	20.04	6.98	0.00
			Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
			Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
CP-OFDM 256 QAM	3595.02	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00	
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00	
		Outer_Full	1.002	5.000	20.04	6.98	0.00	
		Inner_Full	1.002	5.000	20.04	6.98	0.00	
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00	
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00	
	3624.99	3595.02	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.04
			Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
			Outer_Full	1.002	5.000	20.04	6.98	0.00
		3624.99	Inner_Full	1.002	5.000	20.04	6.98	0.00
			Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
			Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3654.99	3624.99	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
			Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
			Outer_Full	1.004	5.000	20.08	6.97	0.00
		3654.99	Inner_Full	1.002	5.000	20.04	6.98	0.00
			Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
			Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00

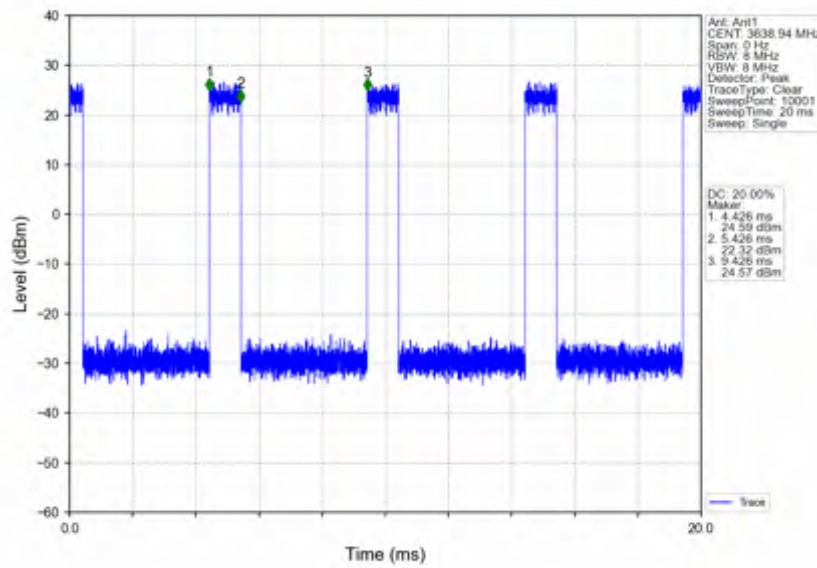


1.8.2 Test Graph

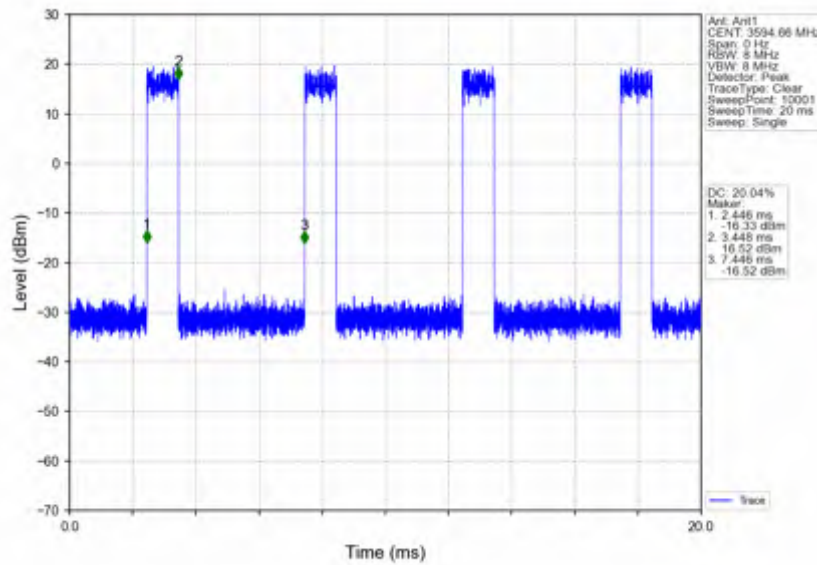
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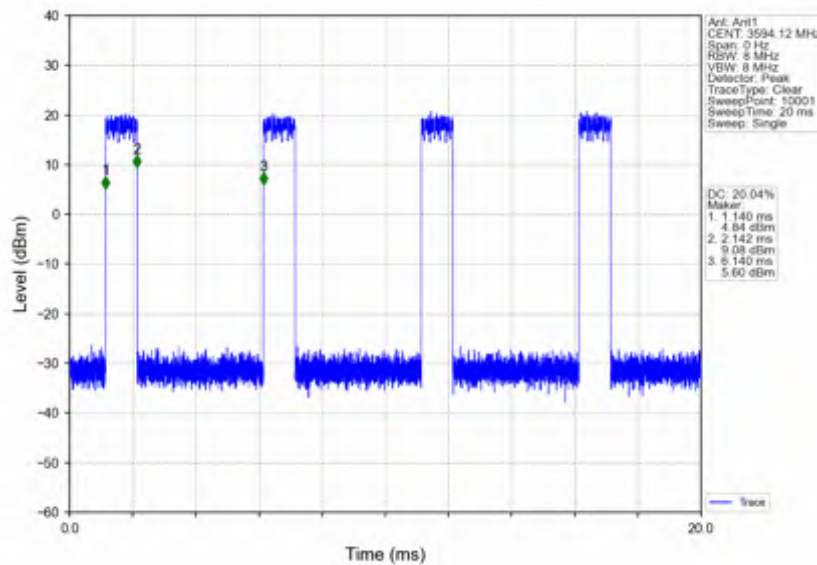
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM PI/2 BPSK\_3595.02MHz\_Edge\_1RB\_Right



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM PI/2 BPSK\_3595.02MHz\_Outer\_Full

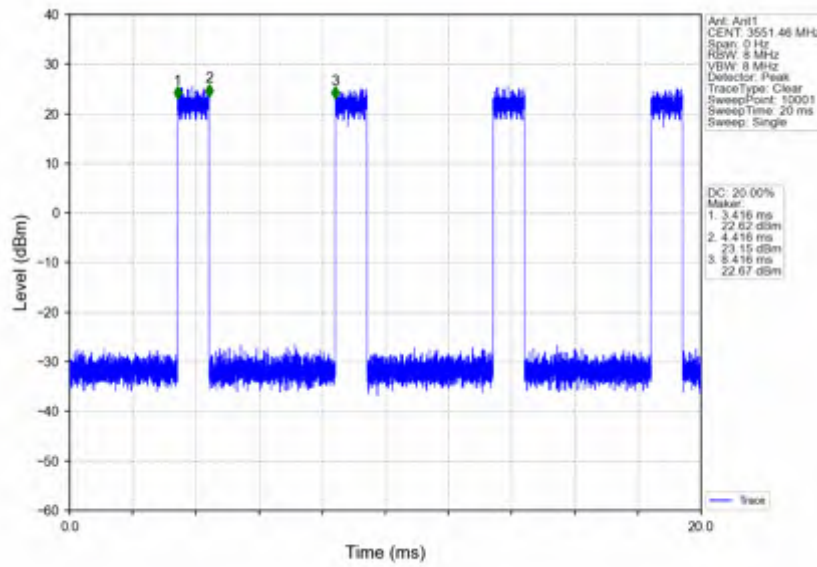


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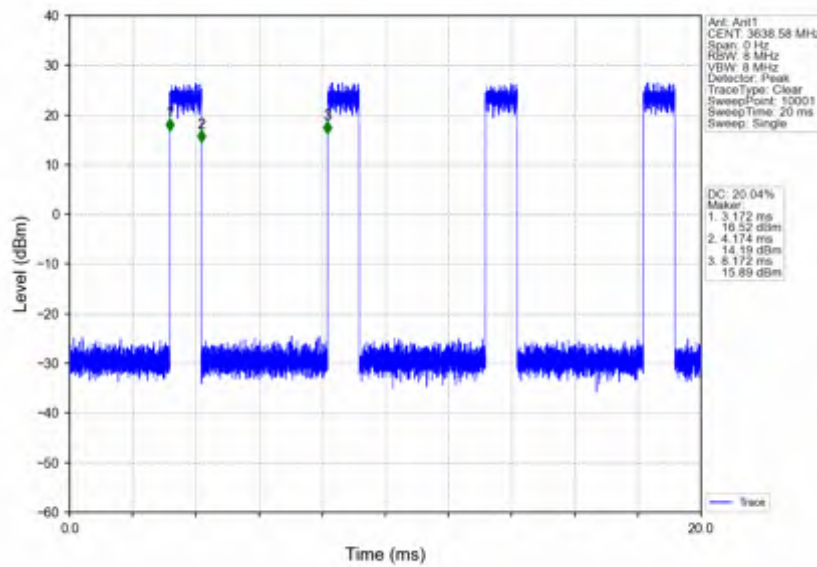




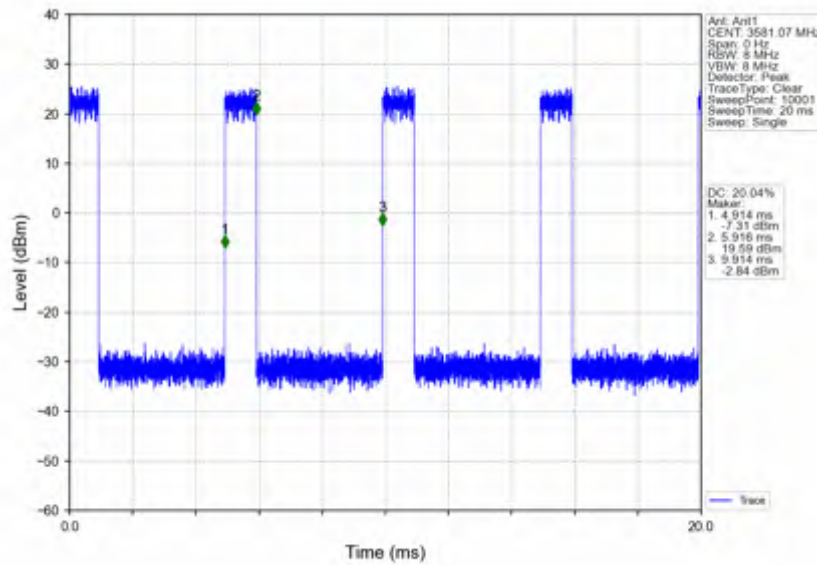
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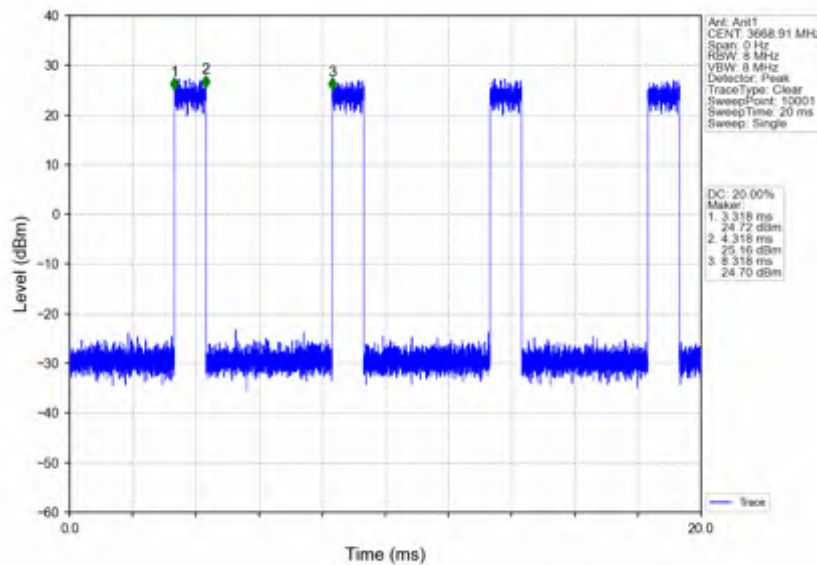
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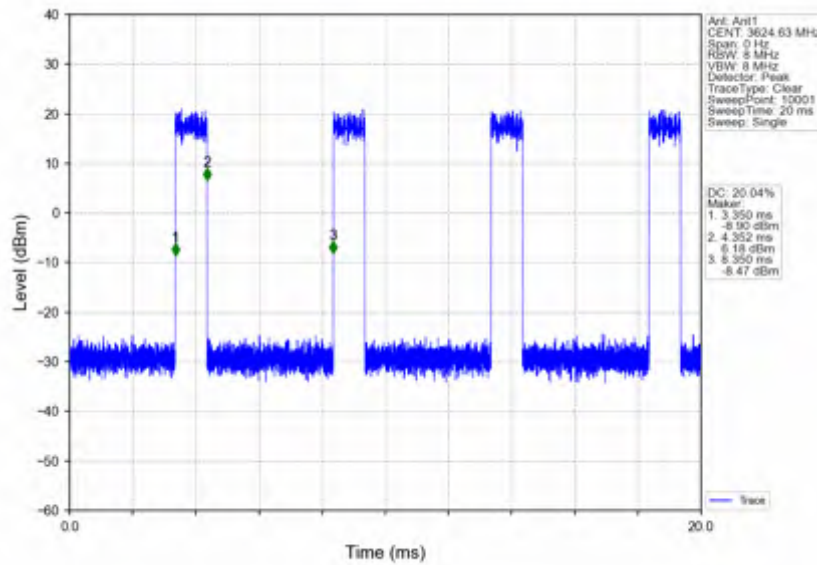
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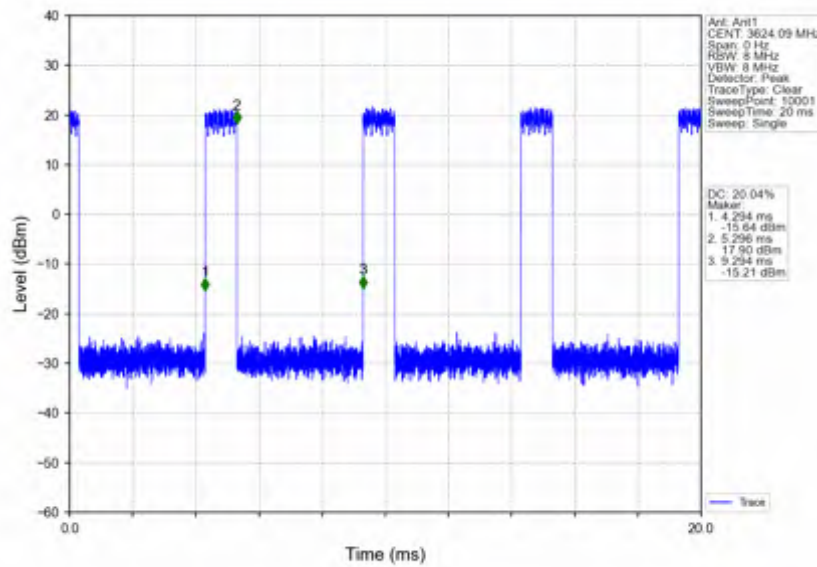
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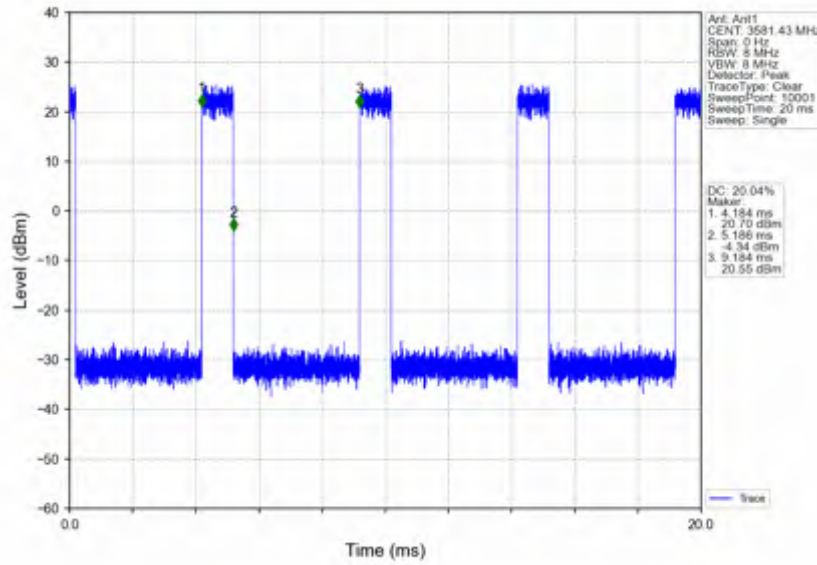
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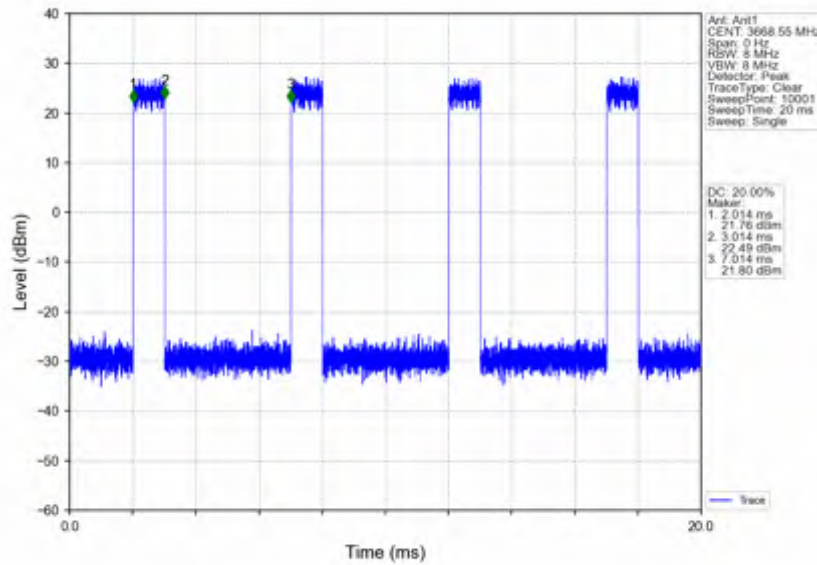
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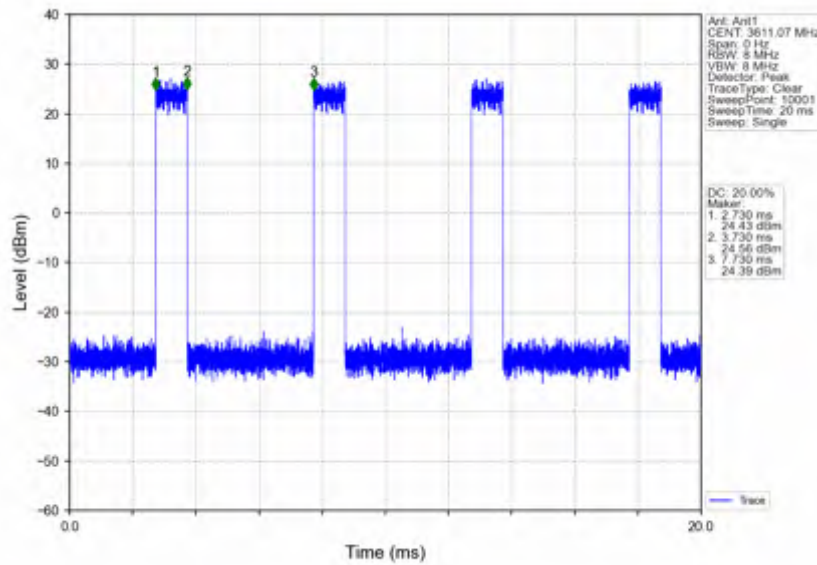
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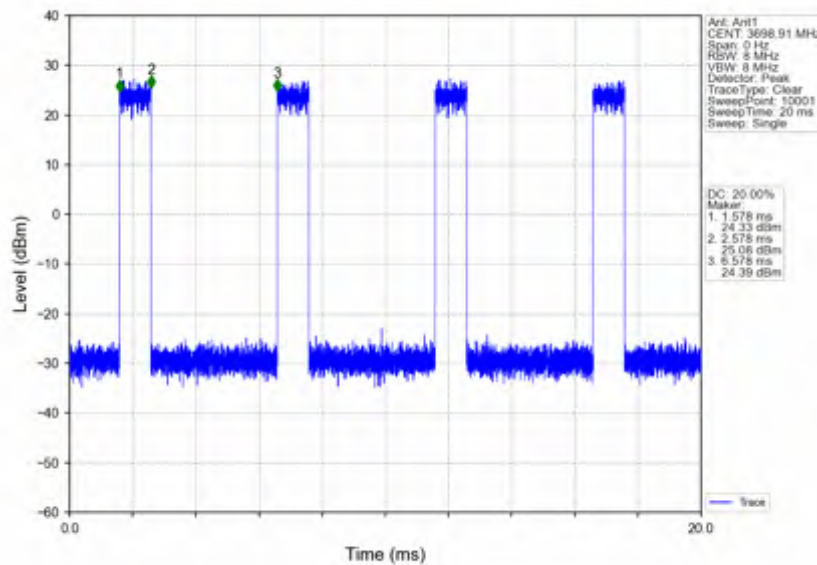
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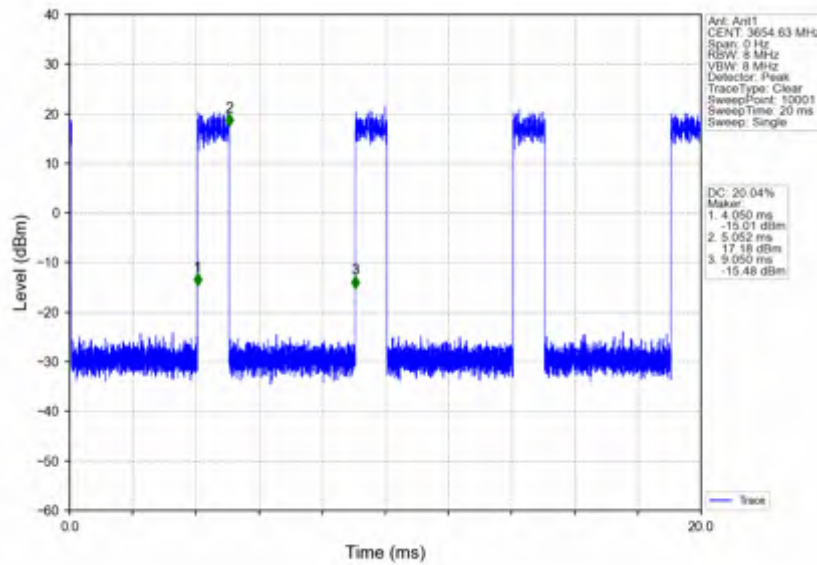
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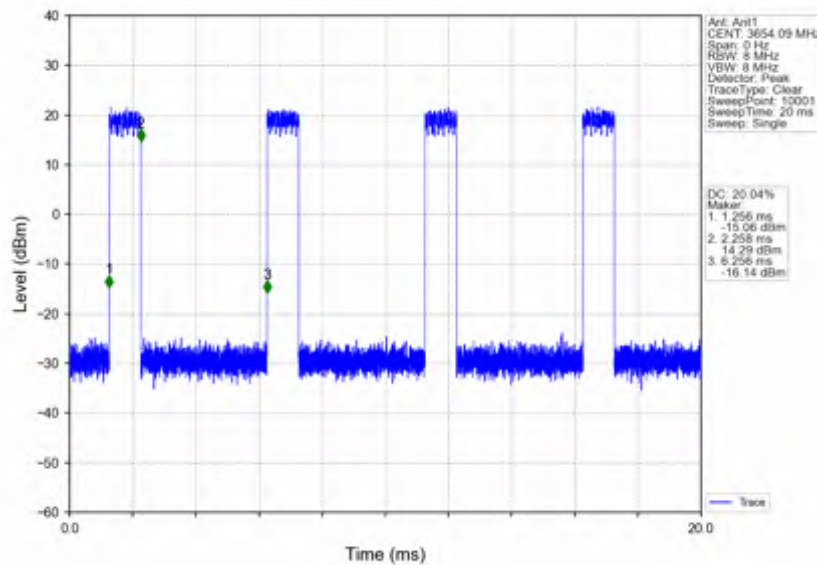
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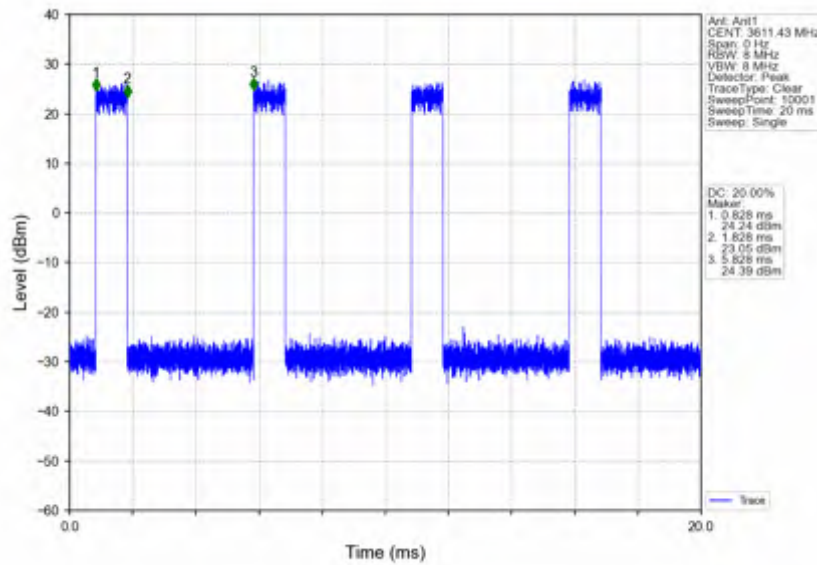
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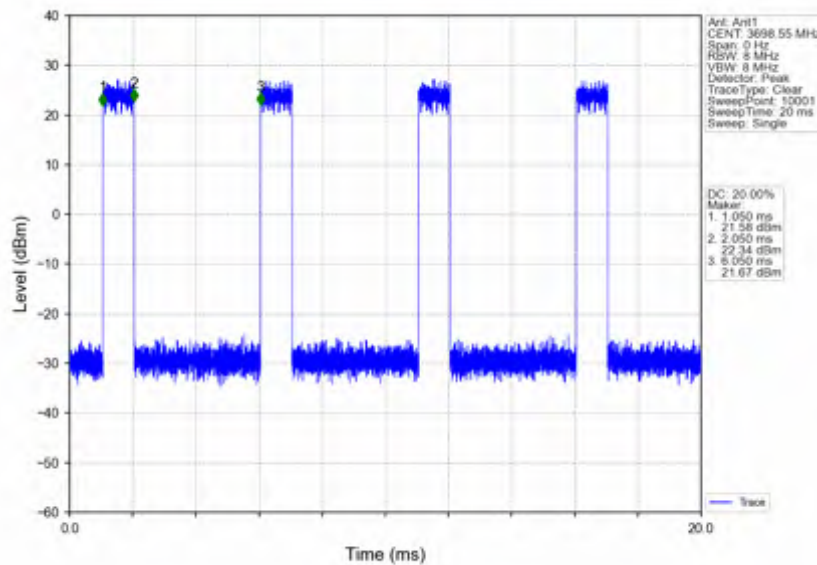
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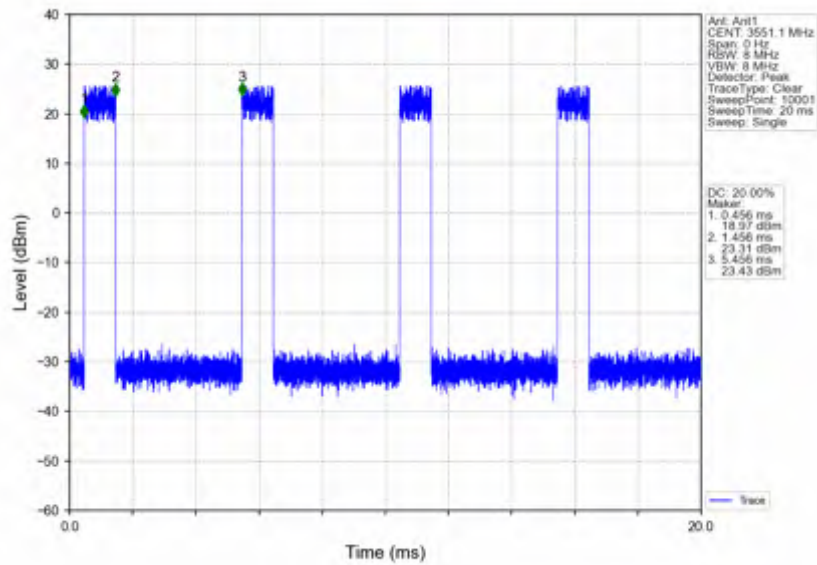
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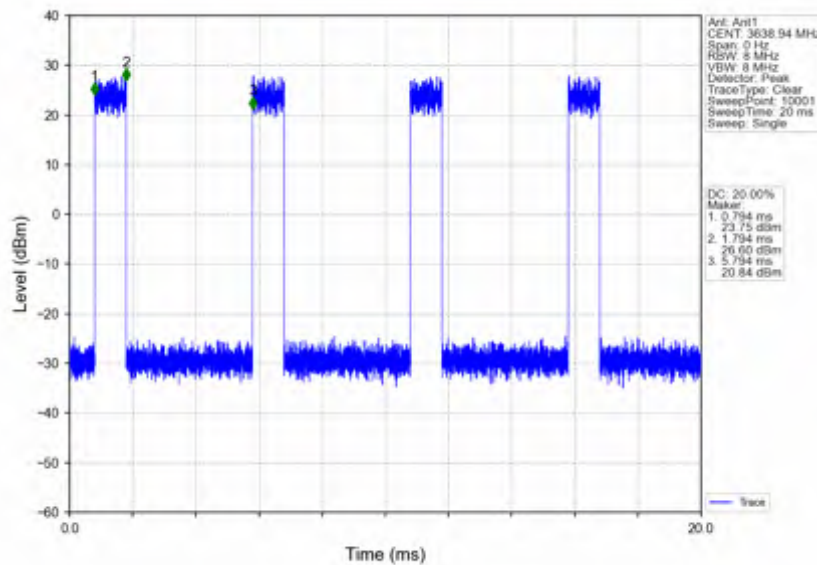
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM PI/2 BPSK\_3654.99MHz\_Inner\_1RB\_Right



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3595.02MHz\_Edge\_1RB\_Left

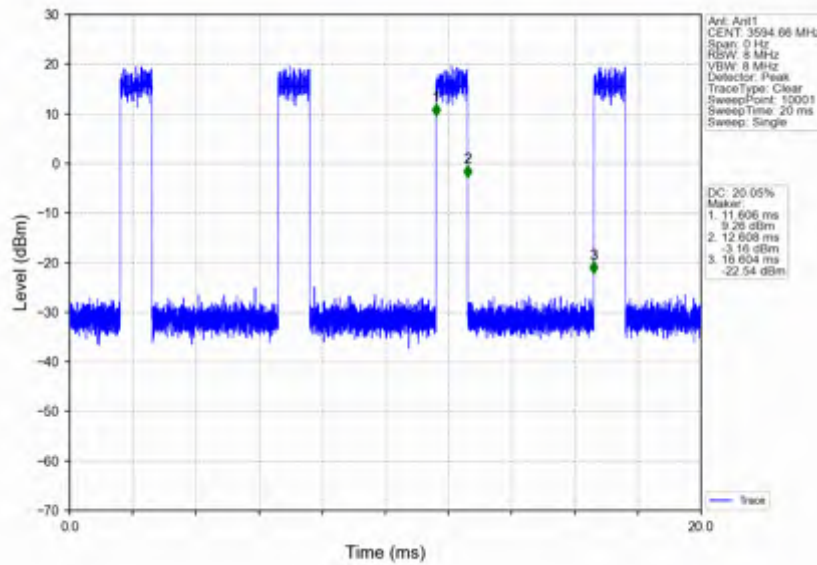


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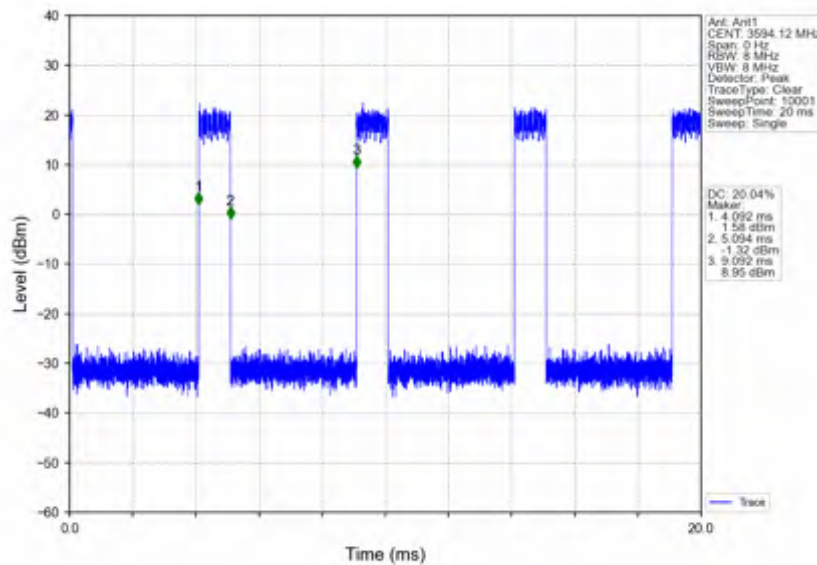




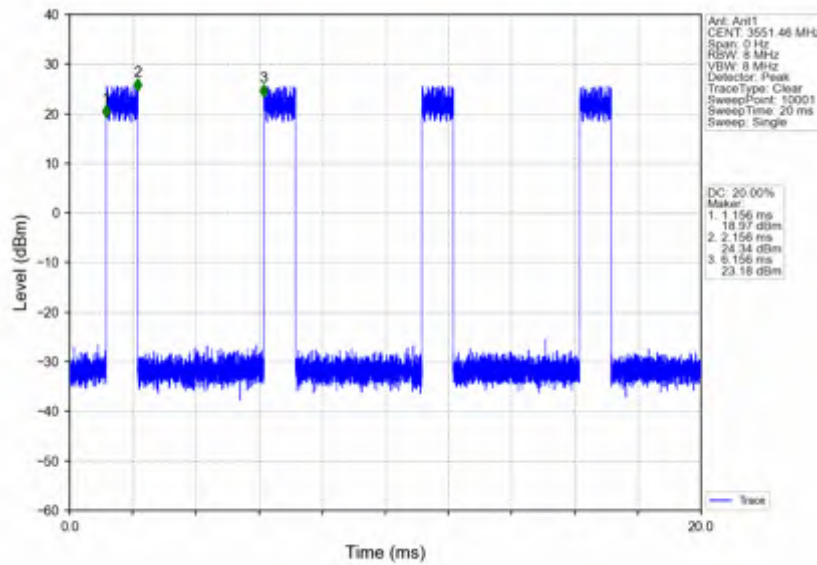
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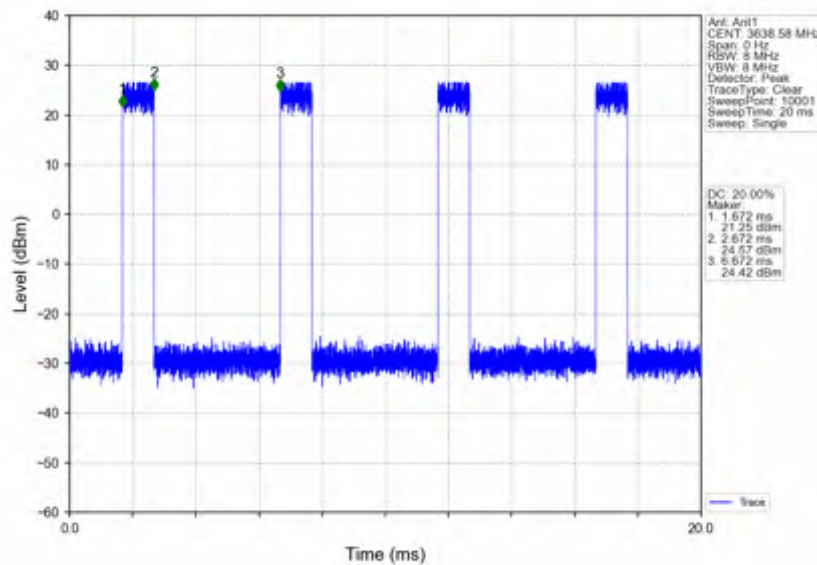
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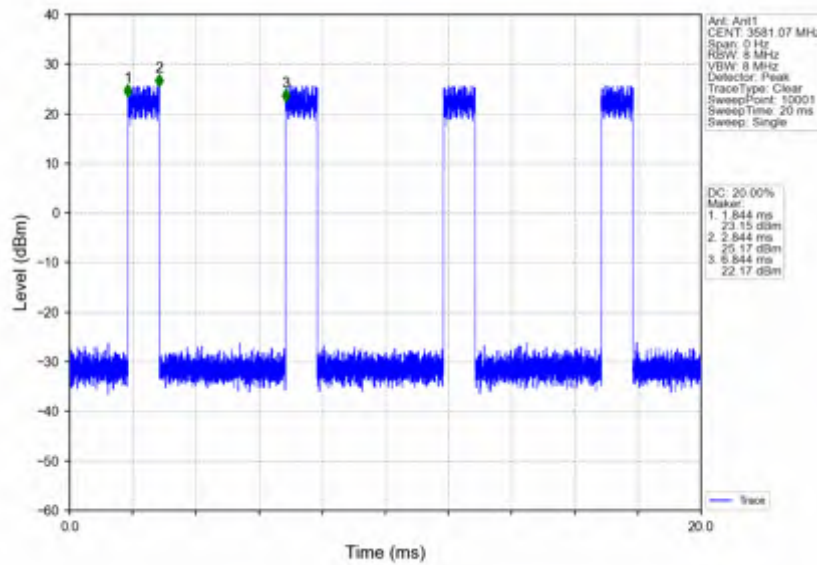
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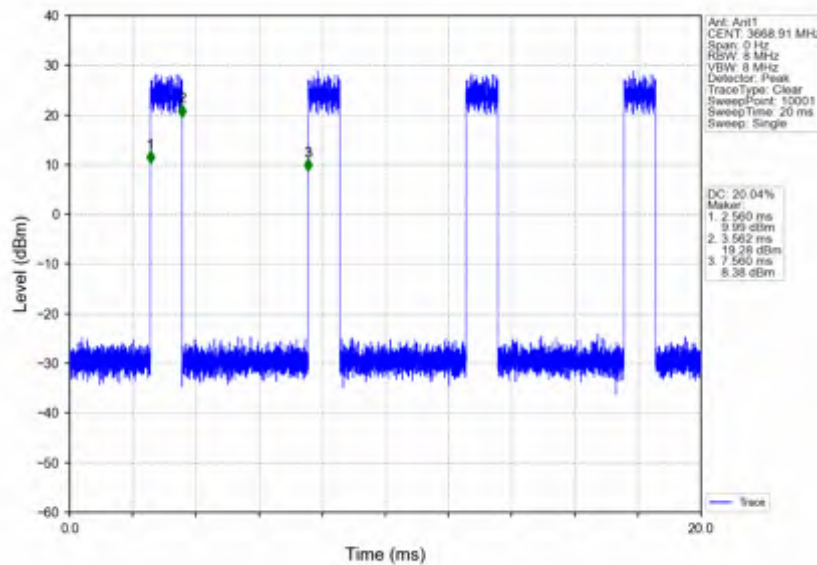
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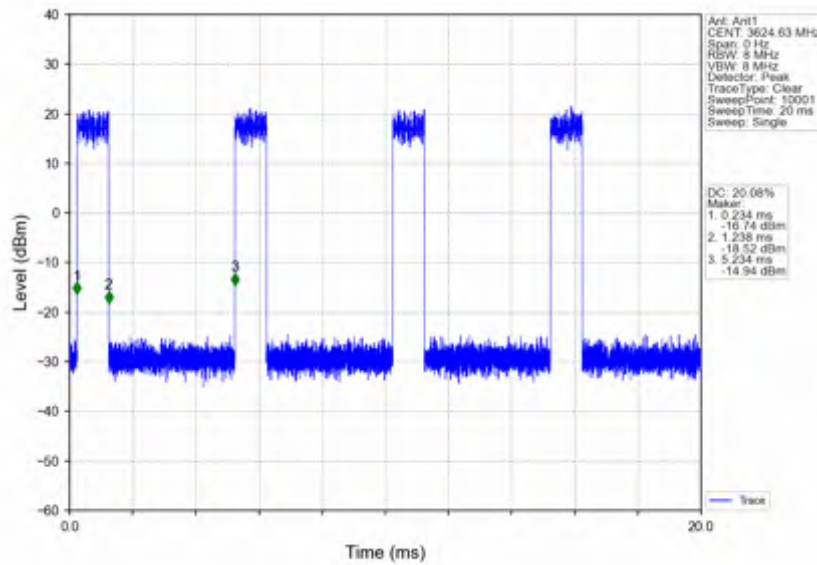
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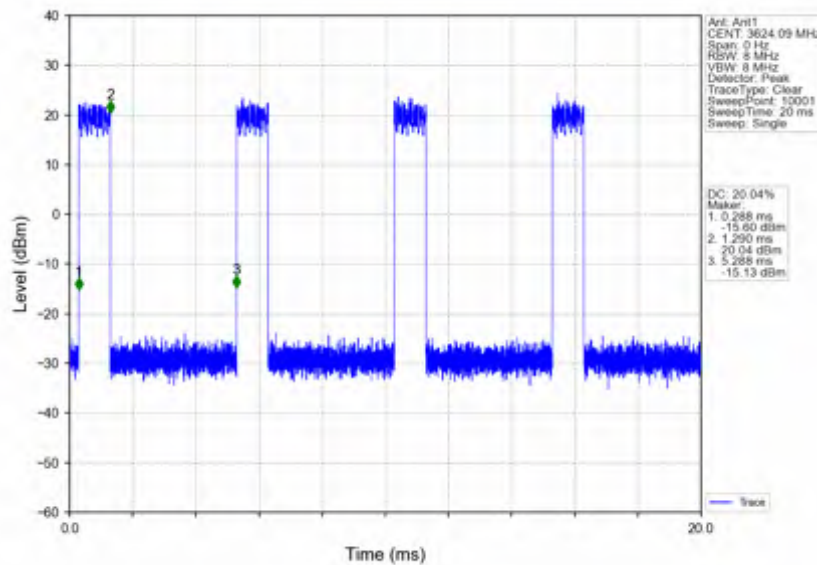
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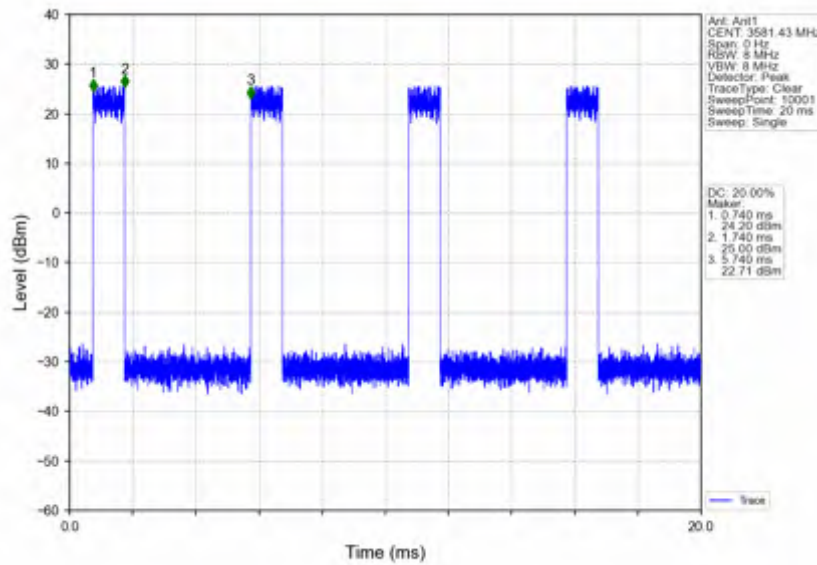
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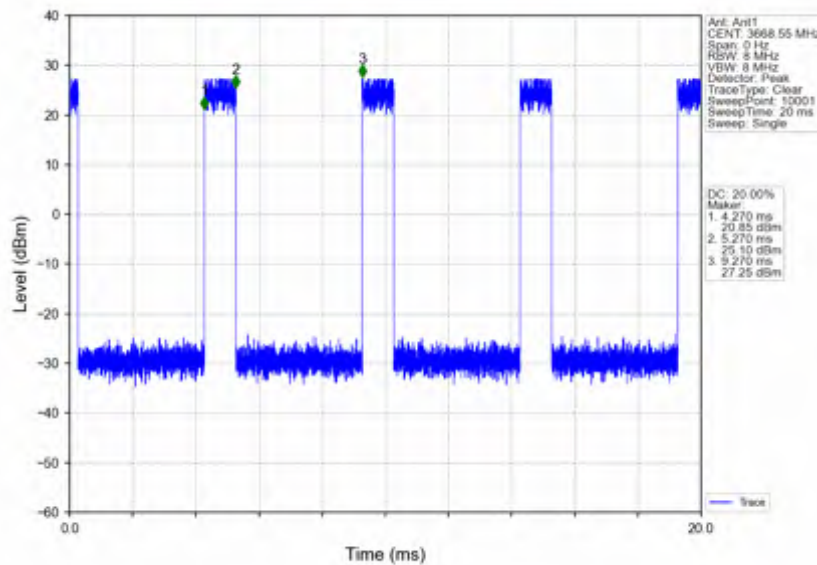
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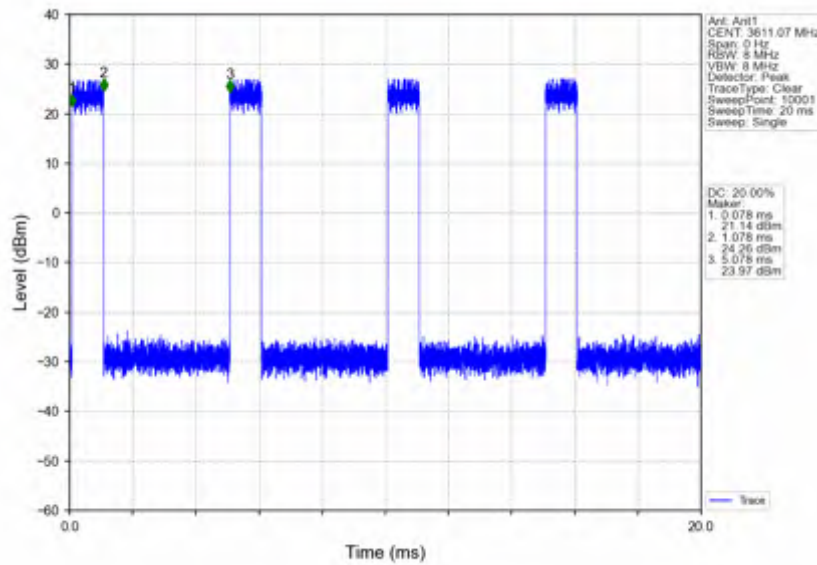
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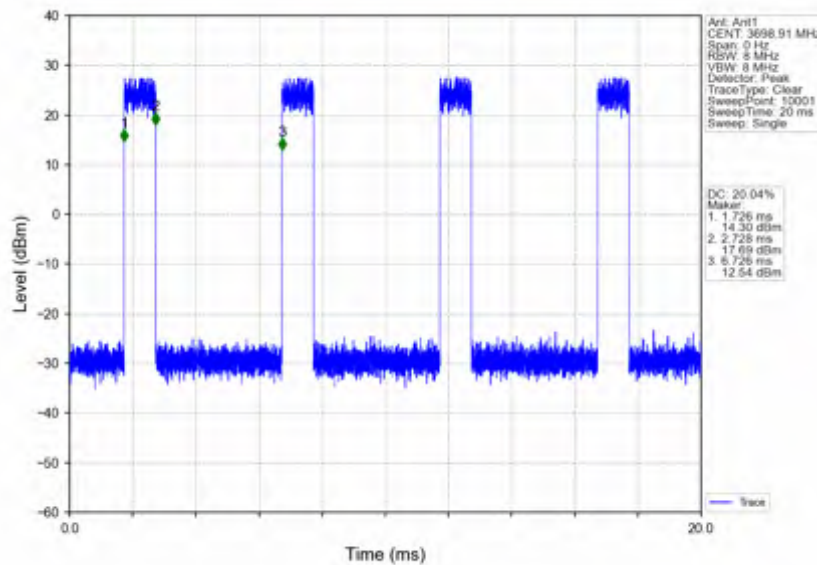
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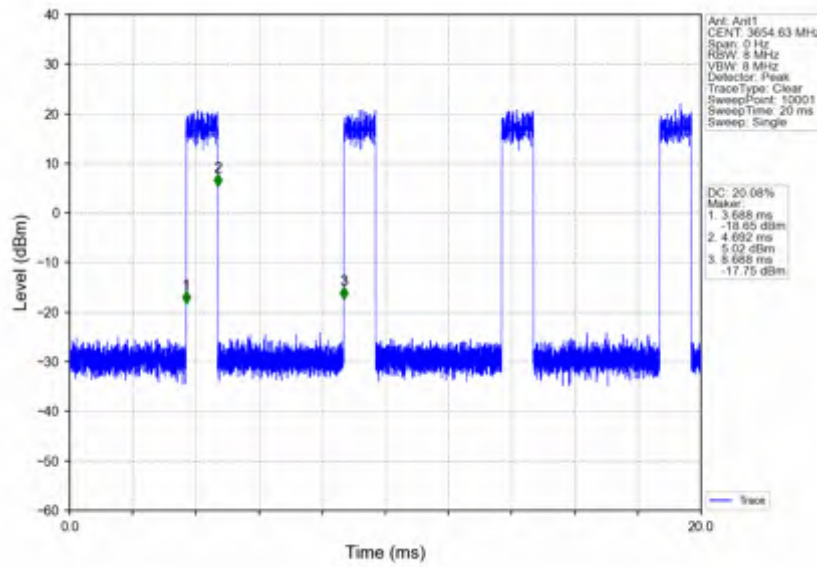
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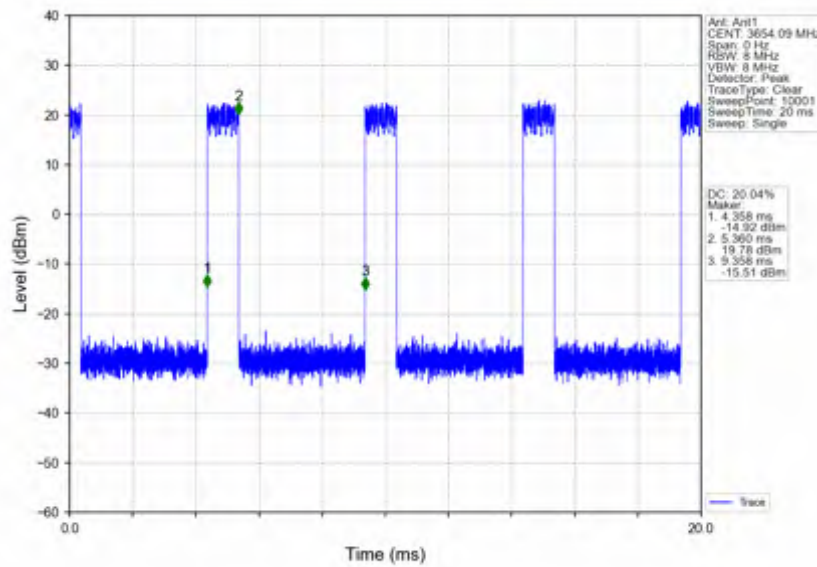
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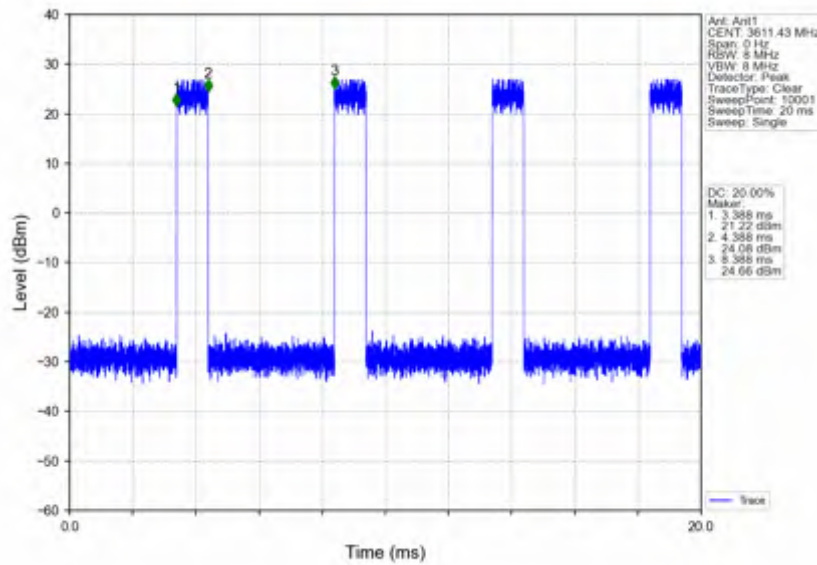
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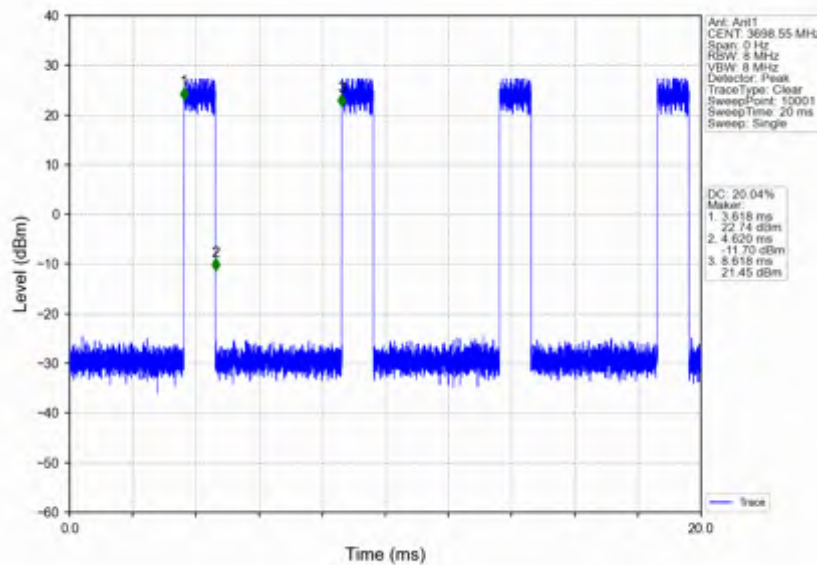
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3654.99MHz\_Inner\_Full



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3654.99MHz\_Inner\_1RB\_Left

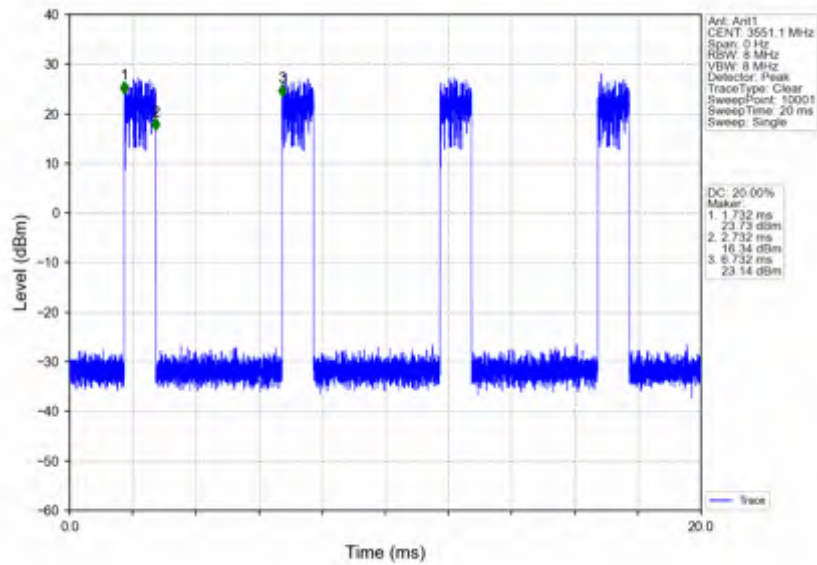


n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3654.99MHz\_Inner\_1RB\_Right

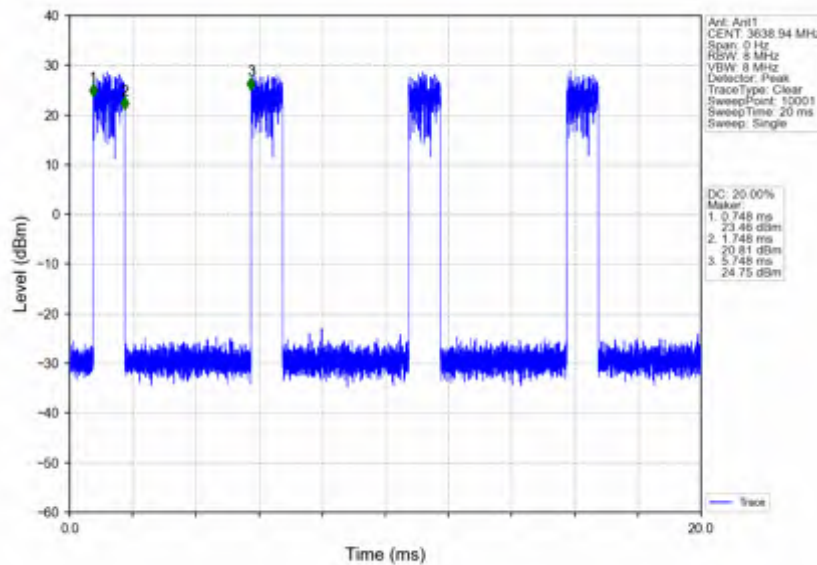




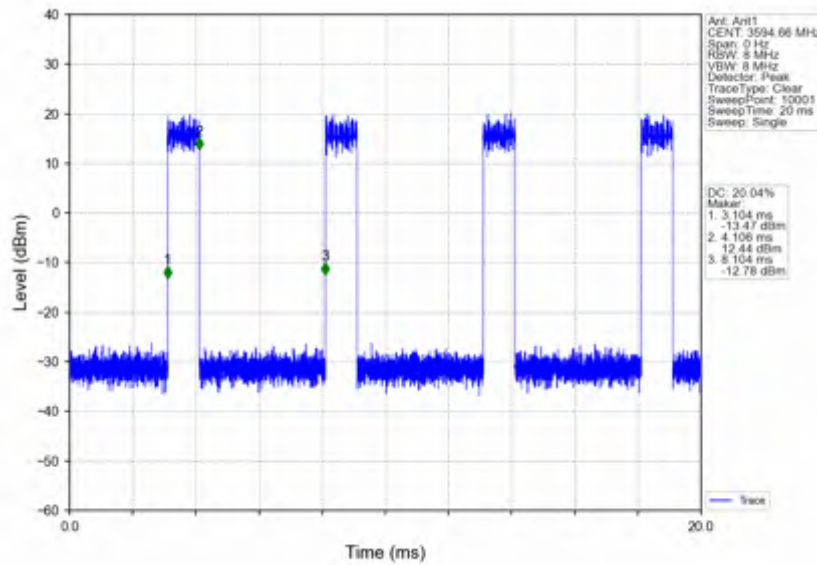
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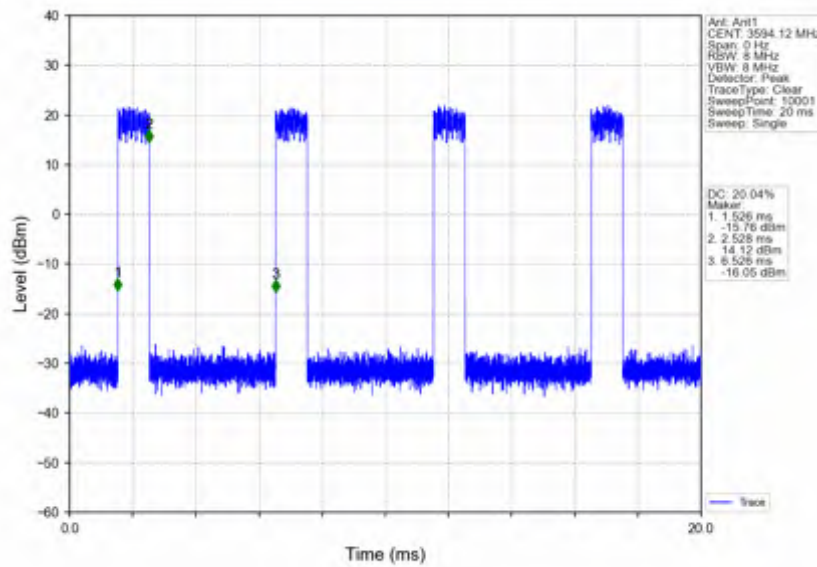
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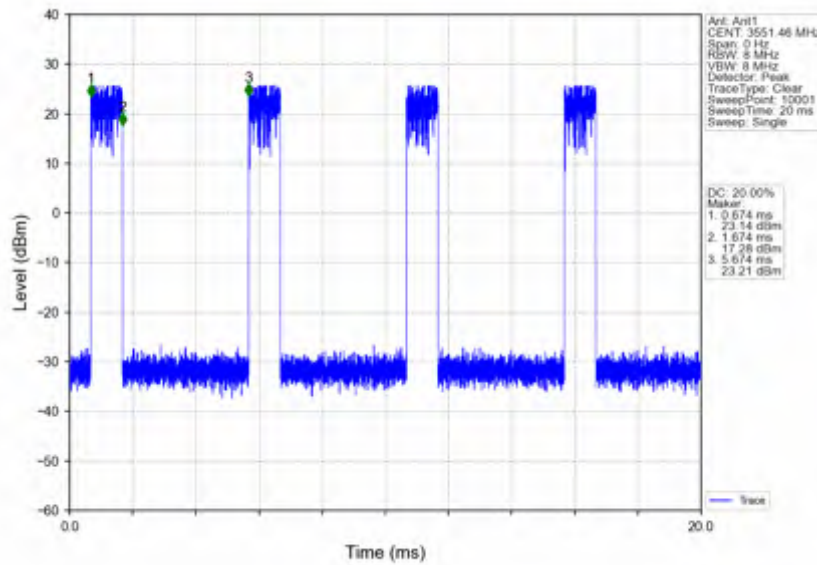
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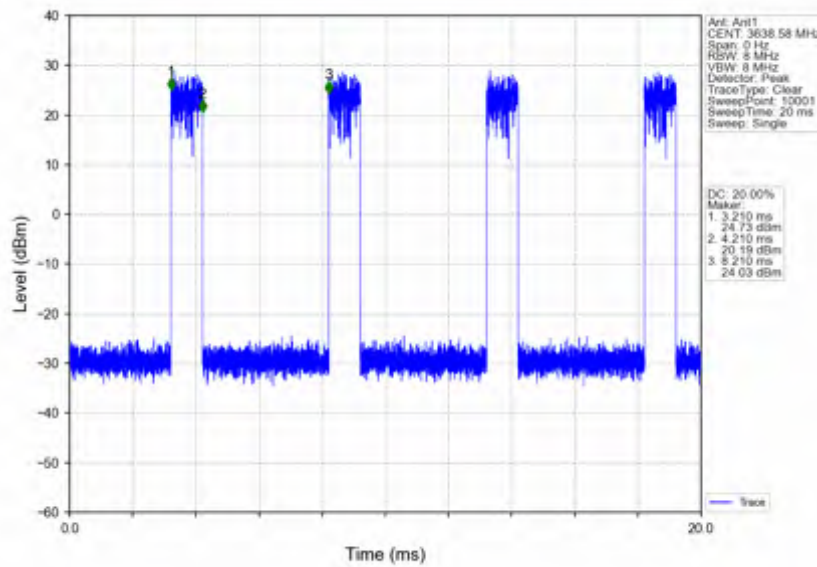
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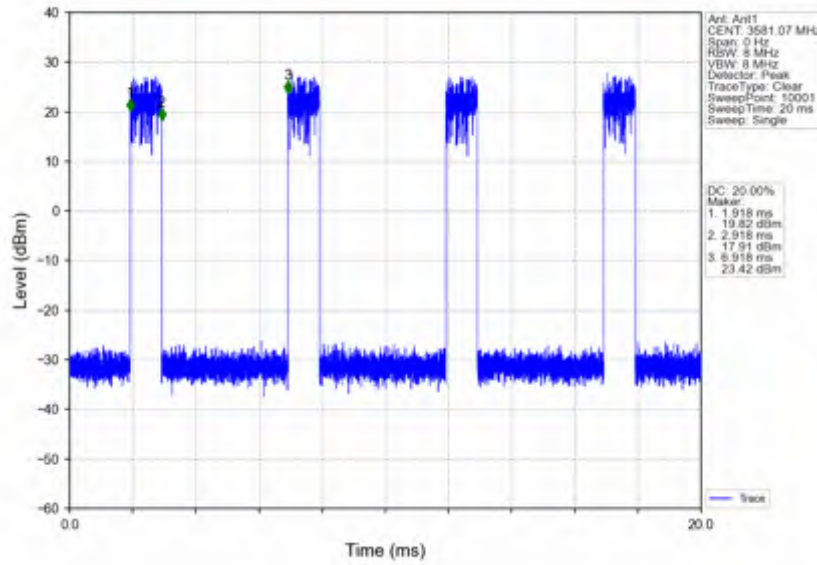
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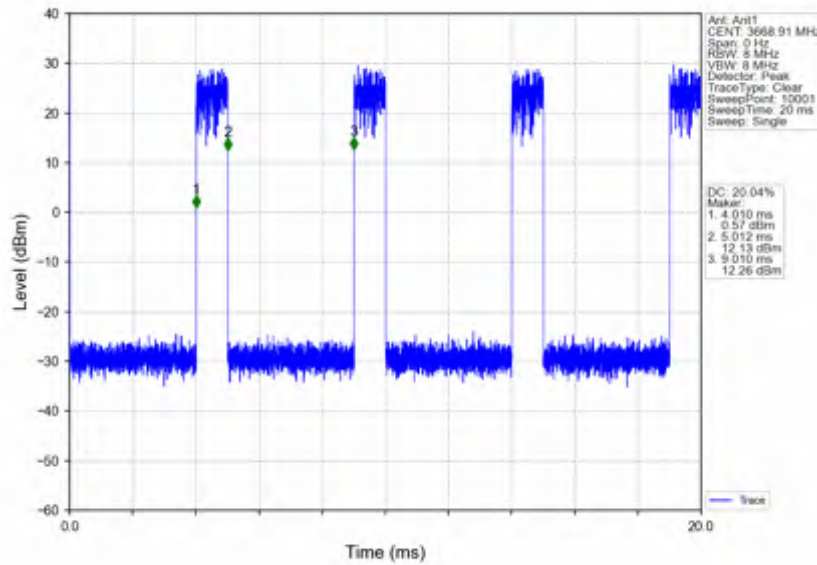
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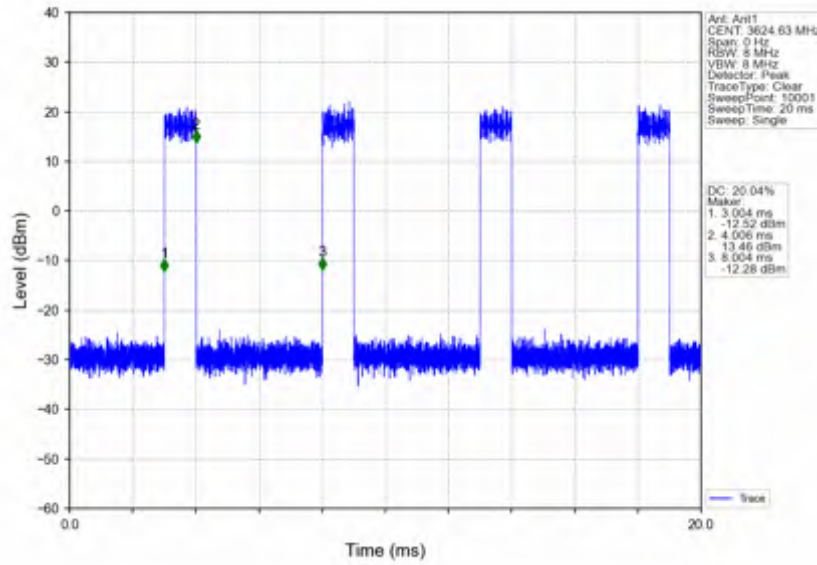
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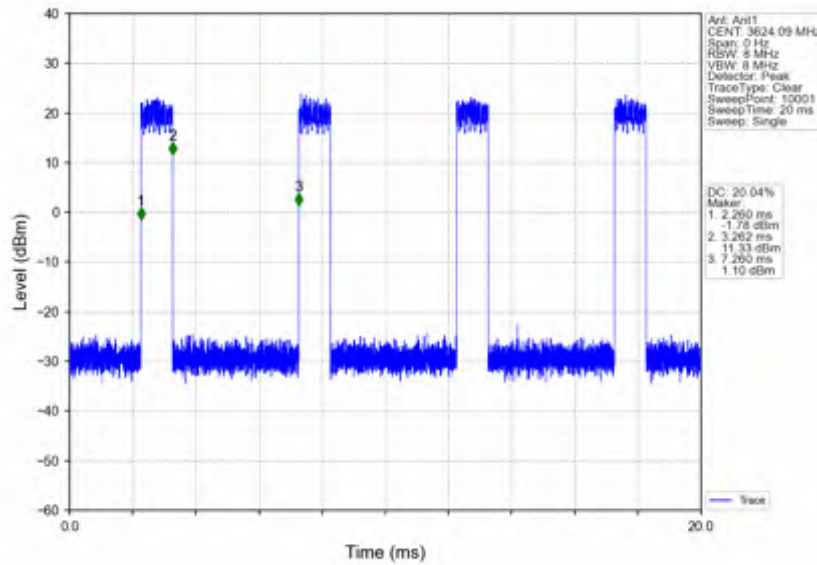
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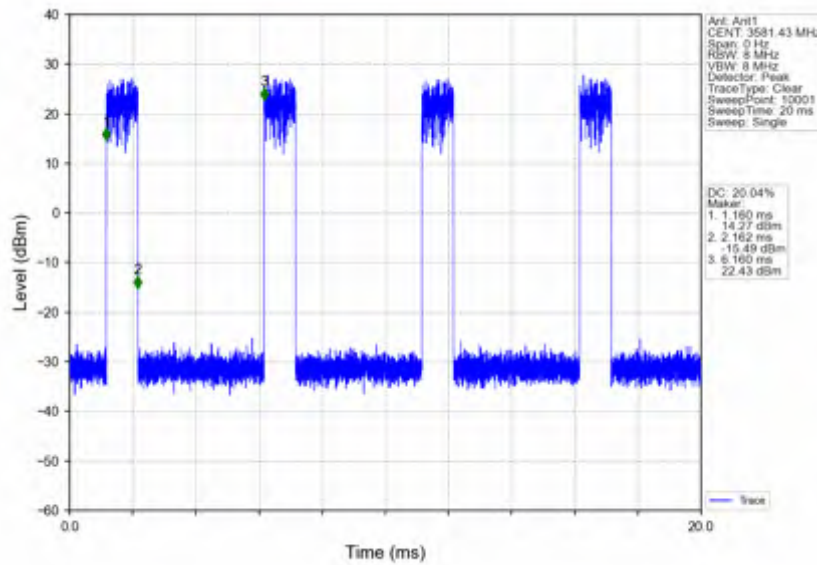
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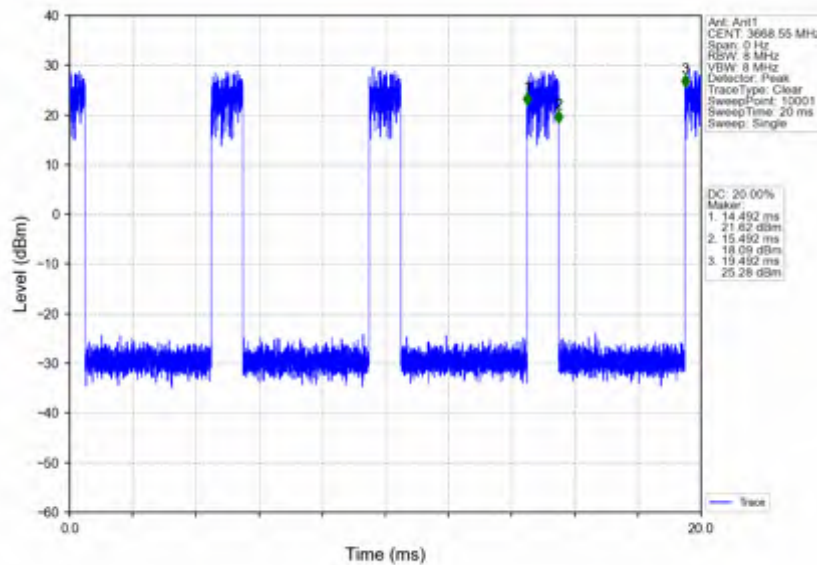
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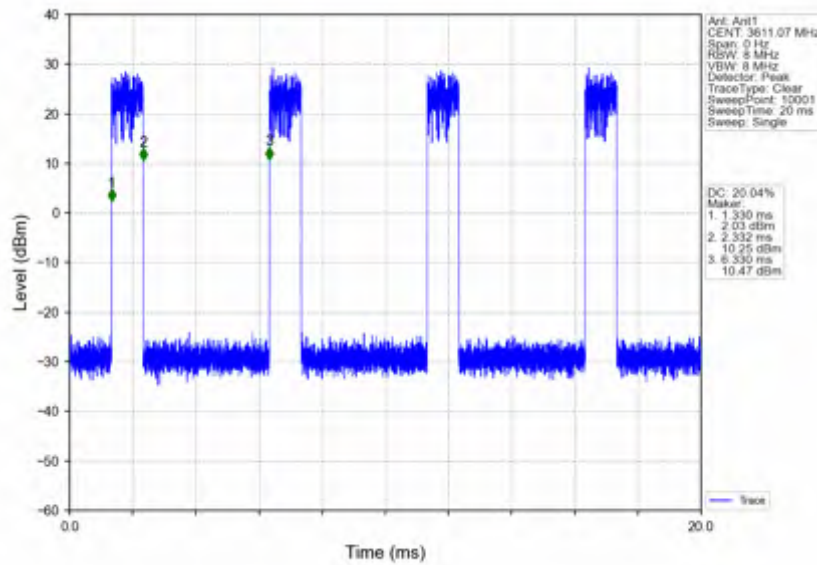
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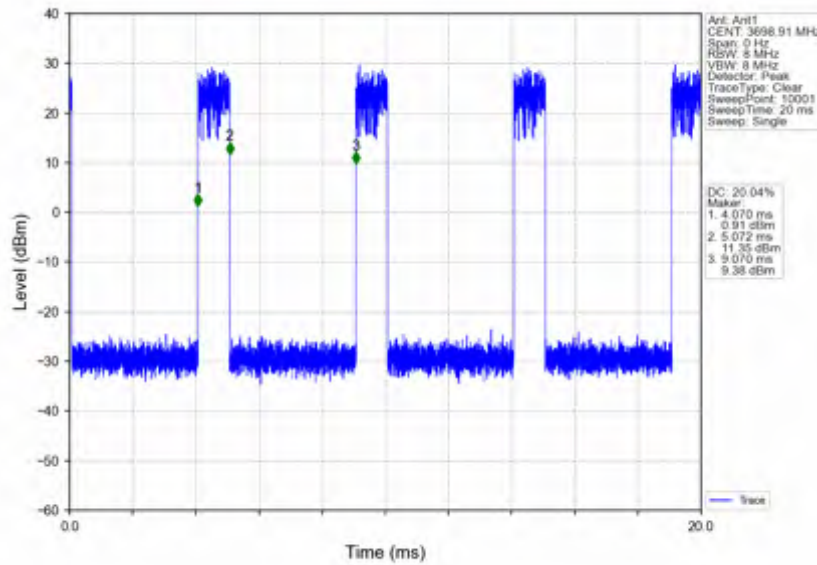
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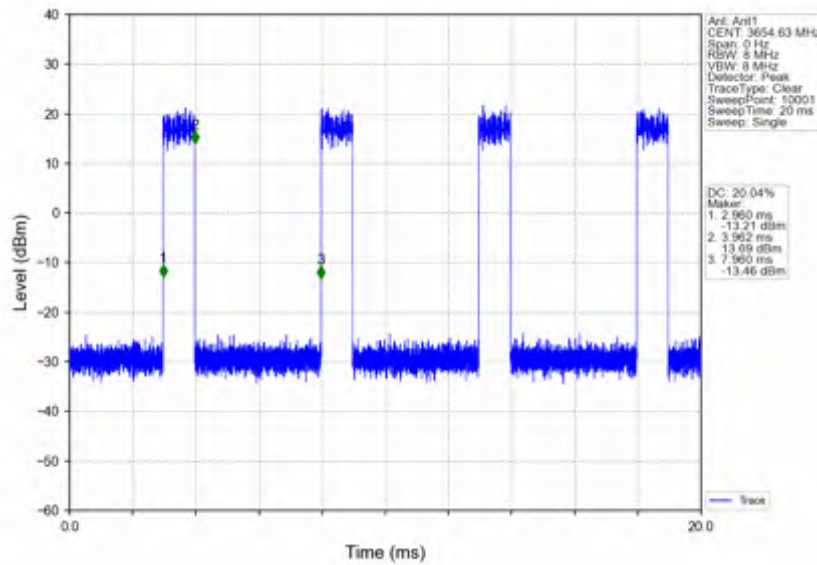
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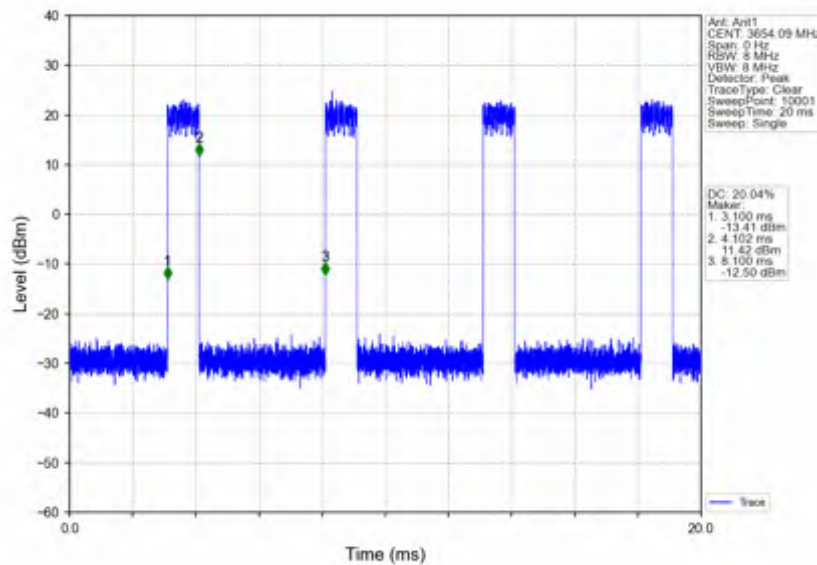
n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM 16 QAM\_3654.99MHz\_Edge\_1RB\_Right



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM 16 QAM\_3654.99MHz\_Outer\_Full

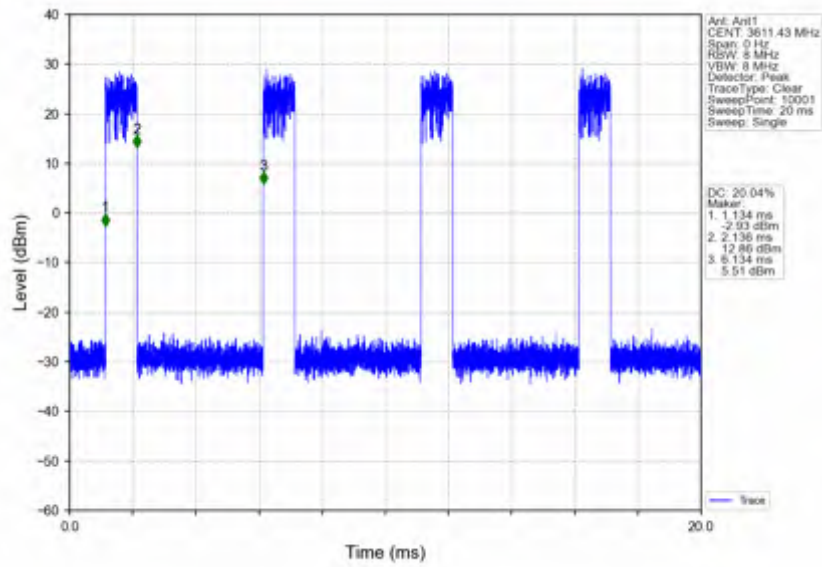


n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM 16 QAM\_3654.99MHz\_Inner\_Full





n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM 16 QAM\_3654.99MHz\_Inner\_1RB\_Left



n78(3550-3700MHz)\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM 16 QAM\_3654.99MHz\_Inner\_1RB\_Right

