

Appendix B

1. Duty Cycle

1.1 30k_SISO_20MHz_NTNV

1.1.1 Test Result

5G NR n78(3550-3700MHz) SCS=30kHz SISO 20MHz 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	3560.01	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	0.04
		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	1.002	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
	3690	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.04
		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
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM QPSK	3560.01	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	0.03
		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	1.004	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
	3690	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
DFT-s-OFDM 16 QAM	3560.01	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	1.002	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	1.002	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		
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00		
	3690	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		
		DFT-s-OFDM 64 QAM	3560.01	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		
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		1.000	5.000	20.00	6.99	0.00		
	Edge_1RB_Left		1.000	5.000	20.00	6.99	0.00		
	Edge_1RB_Right		1.000	5.000	20.00	6.99	0.00		
3690	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		1.000	5.000	20.00	6.99	0.00		
DFT-s-OFDM 256 QAM	3560.01	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		
		Inner_Full	1.004	5.000	20.08	6.97	0.00		
	3624.99	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		
		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		
	3690	Outer_Full	1.002	4.998	20.05	6.98	0.03		
		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		
CP-OFDM QPSK	3560.01	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		
	3624.99	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		
		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		
	3690	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		
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00		

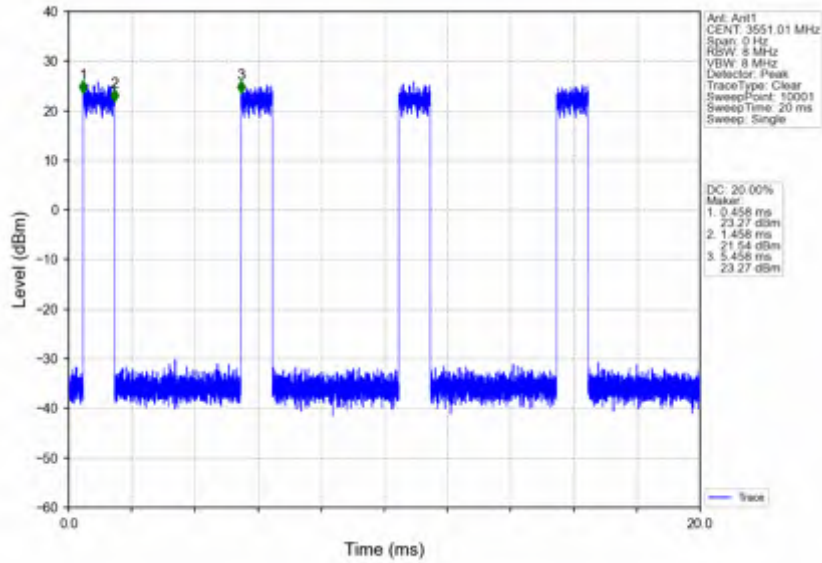
	3690	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
CP-OFDM 16 QAM	3560.01	Edge_1RB_Left	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	1.004	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	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
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3690	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
CP-OFDM 64 QAM	3560.01	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	0.04
	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	1.004	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
	3690	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
CP-OFDM 256 QAM	3560.01	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
		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	0.04
		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
	3690	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



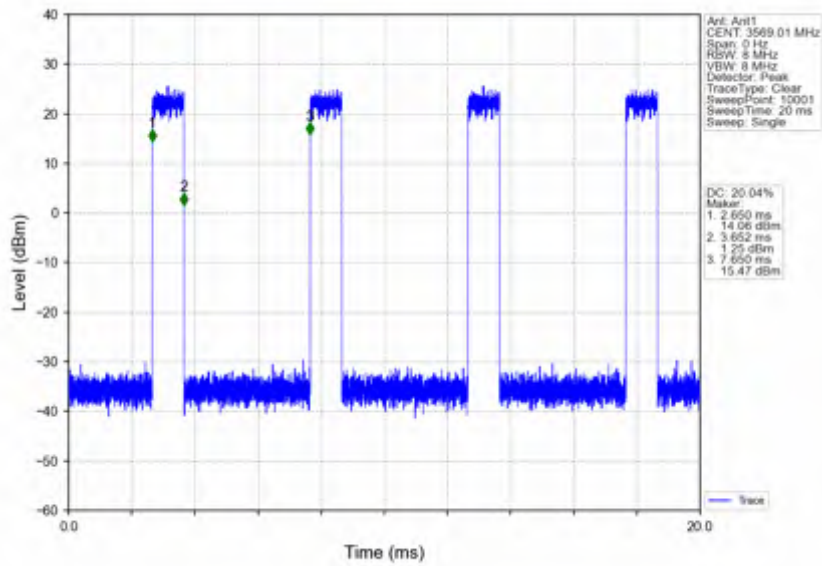
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00

1.1.2 Test Graph

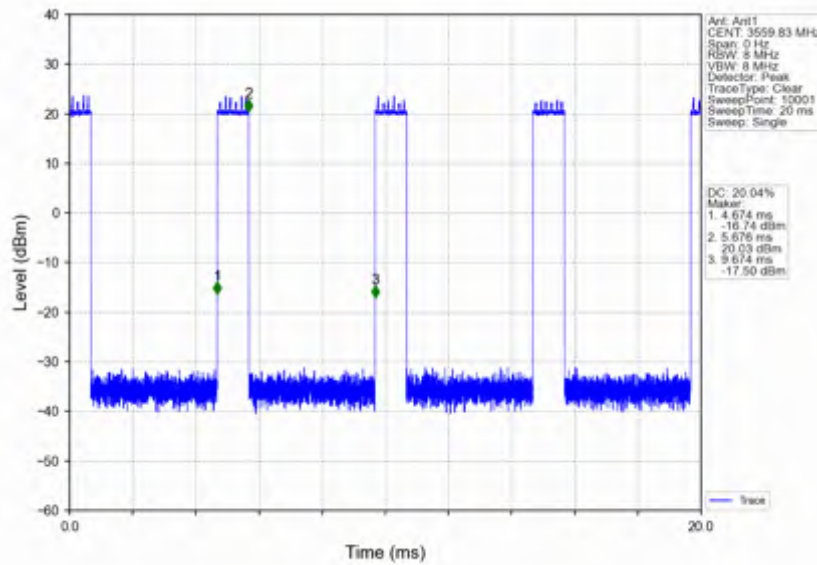
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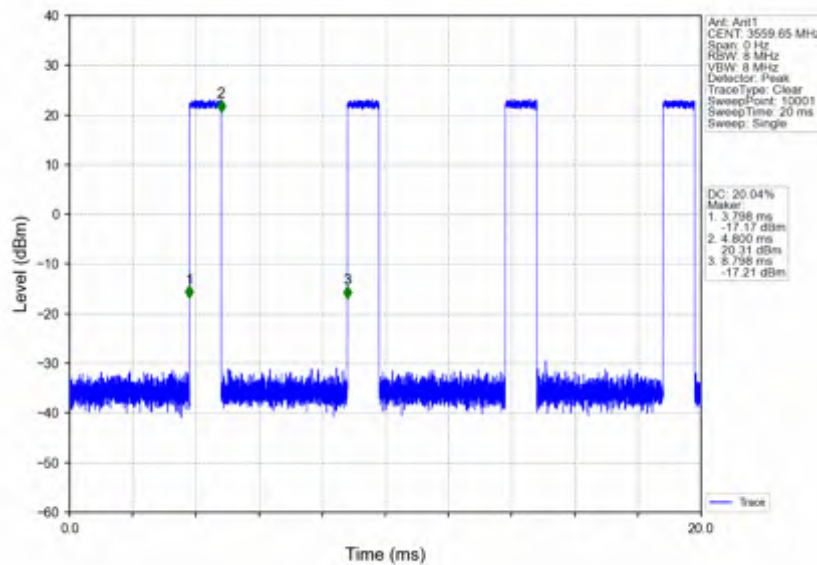
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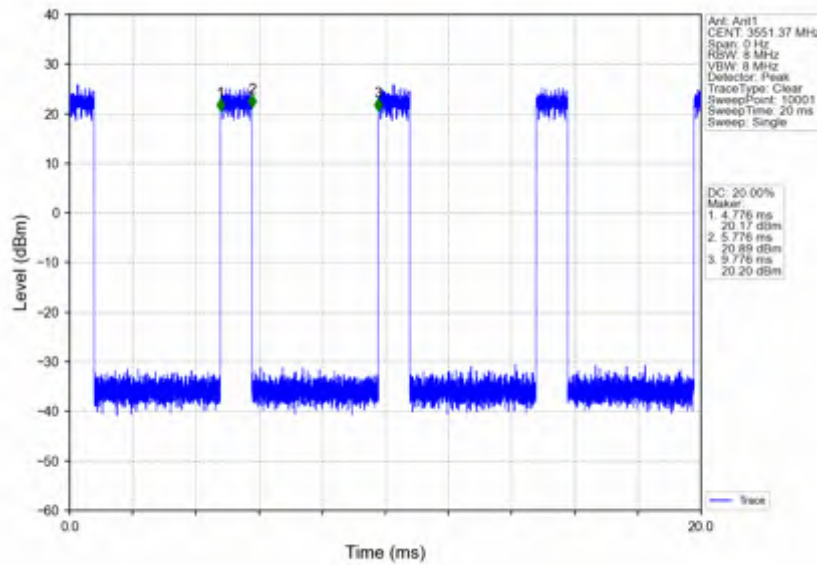
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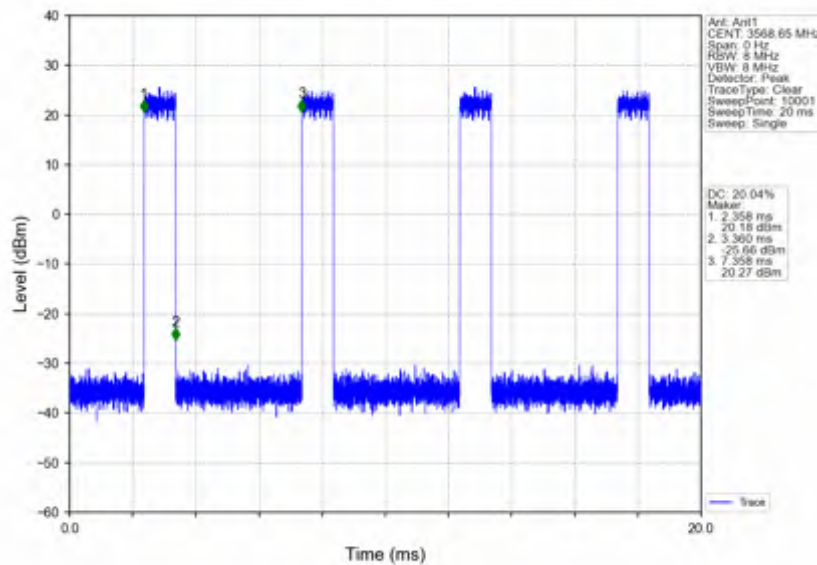
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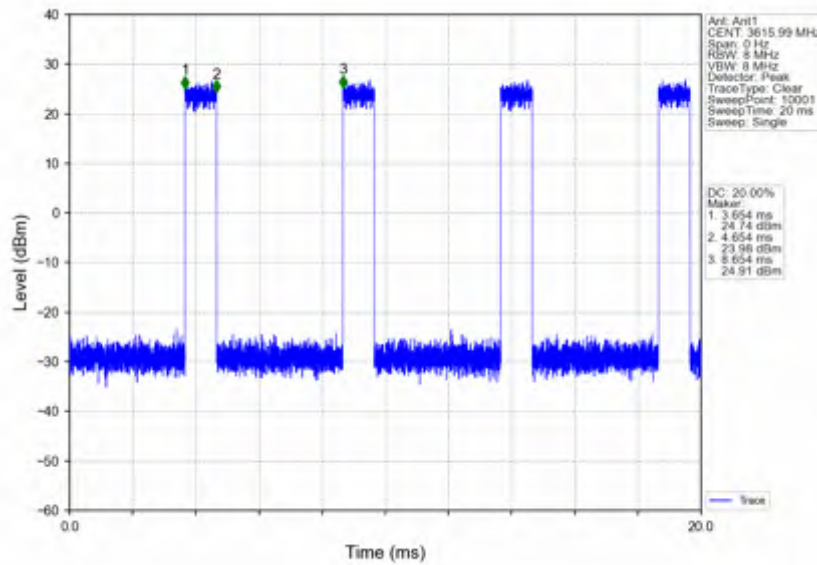
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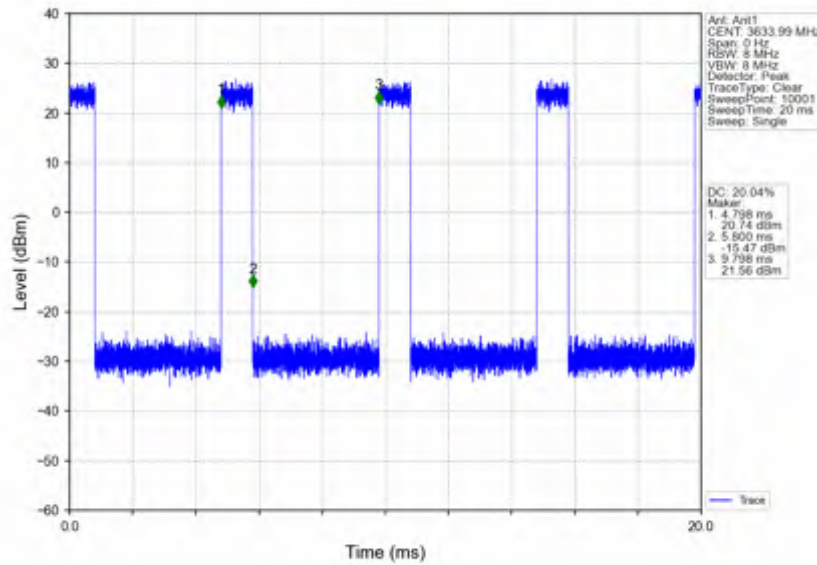
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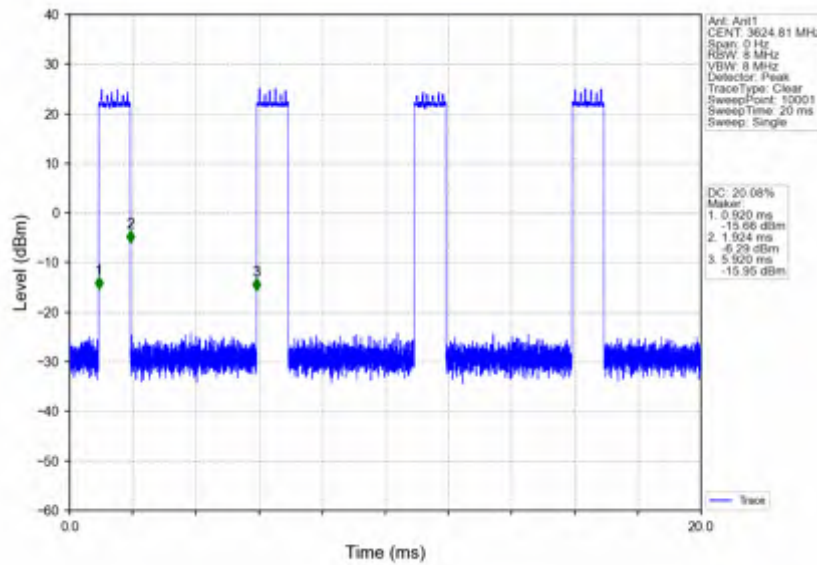
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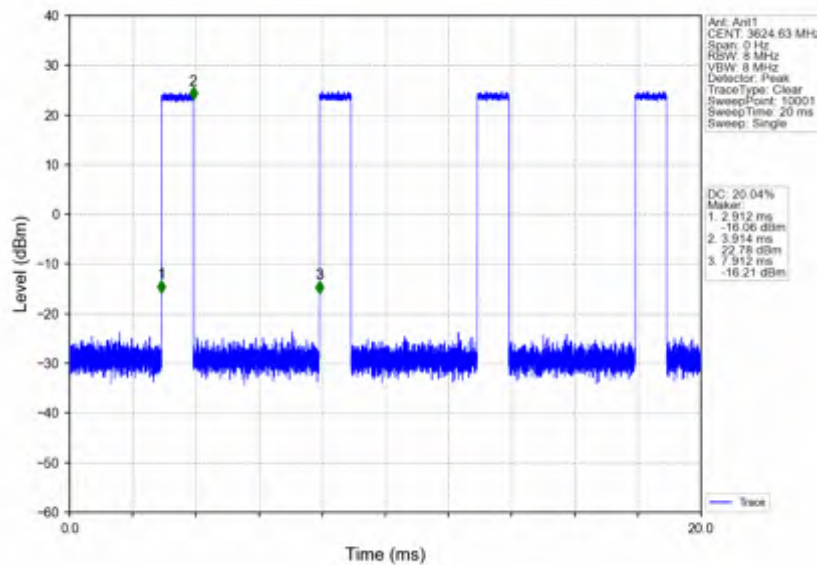
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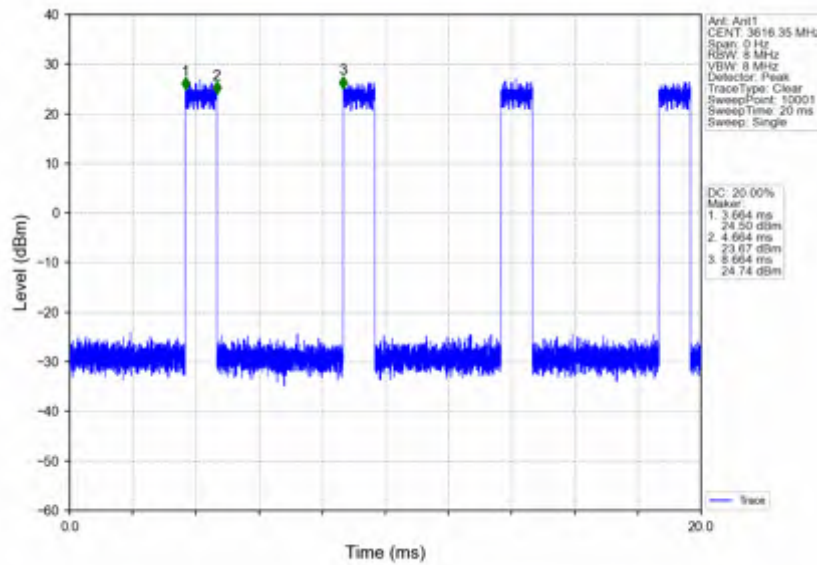
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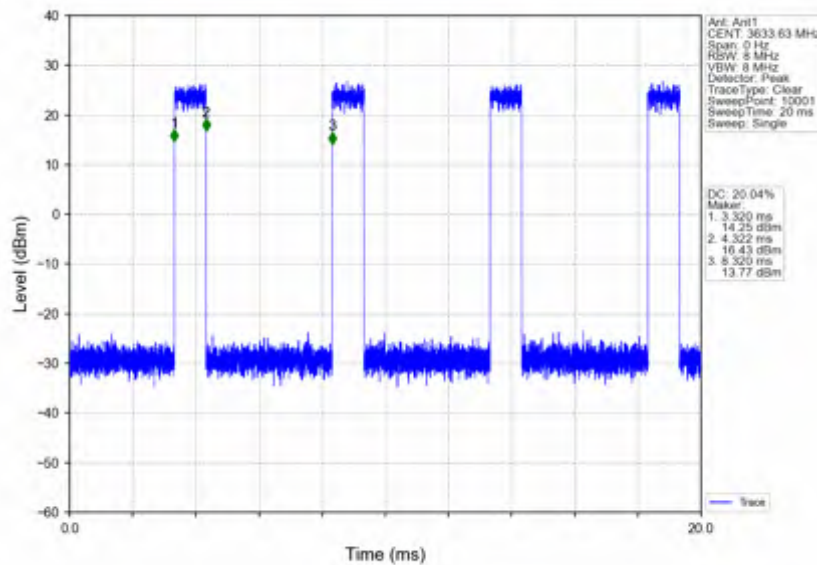
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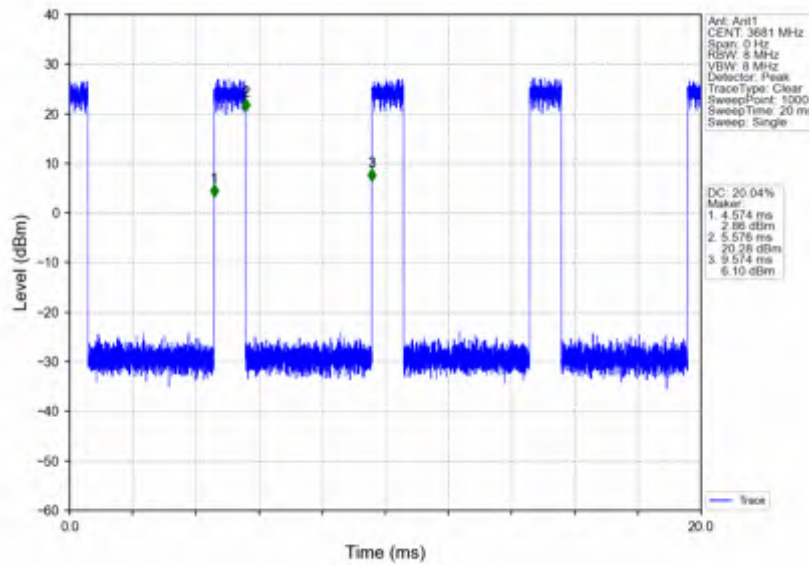
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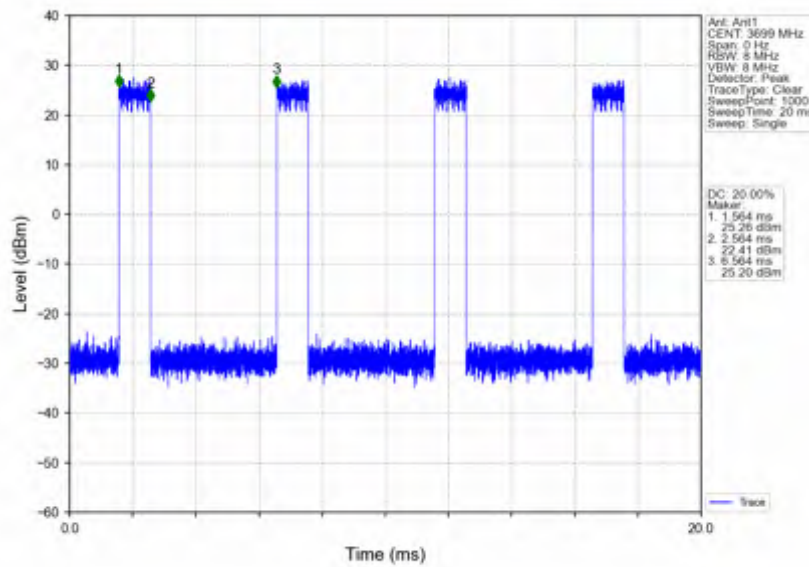
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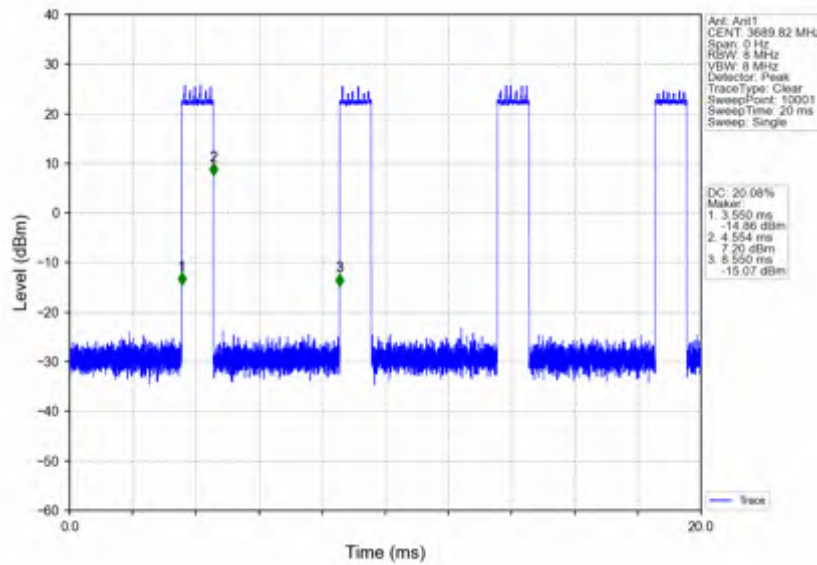
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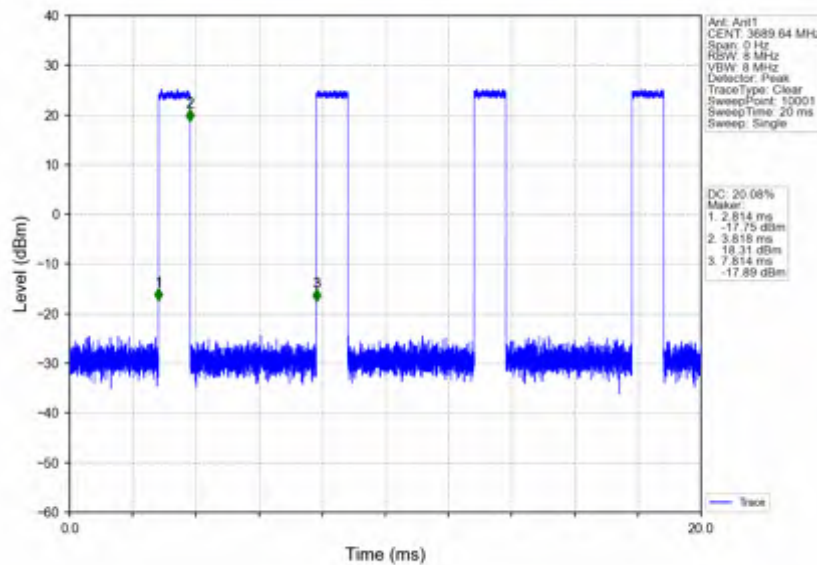
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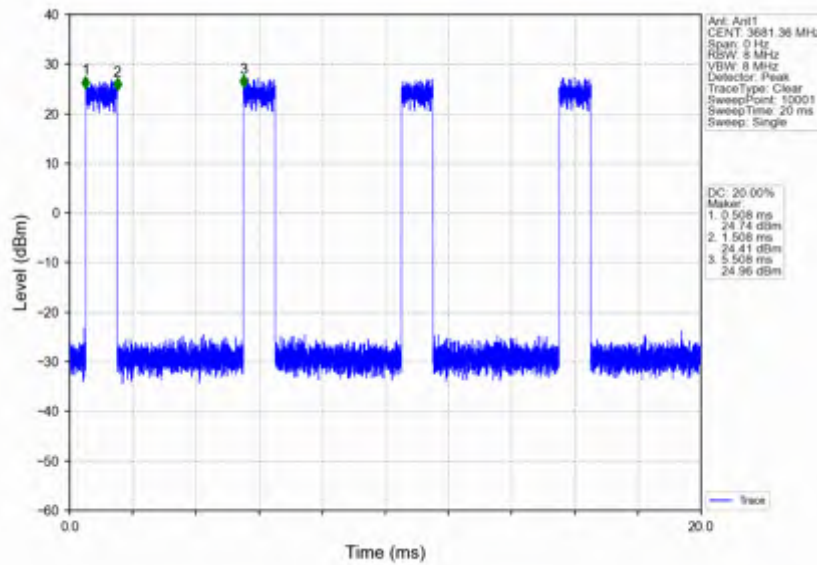
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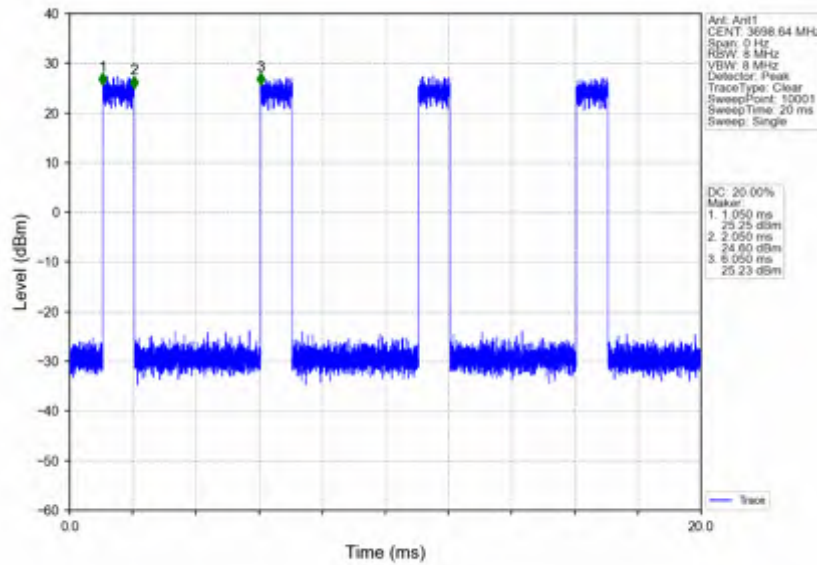
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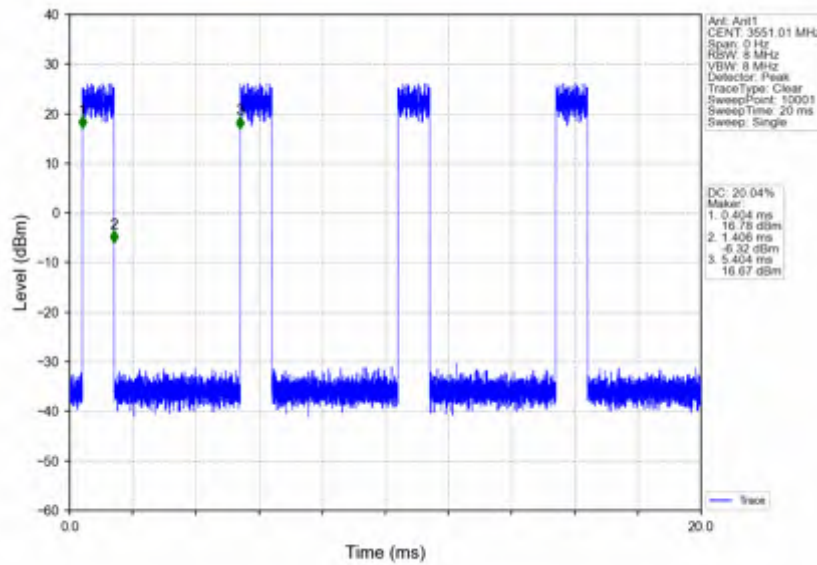
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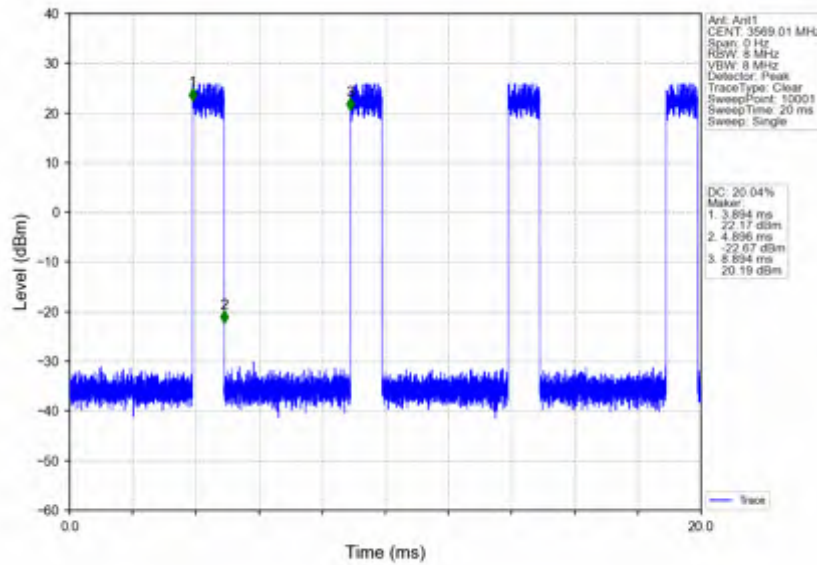
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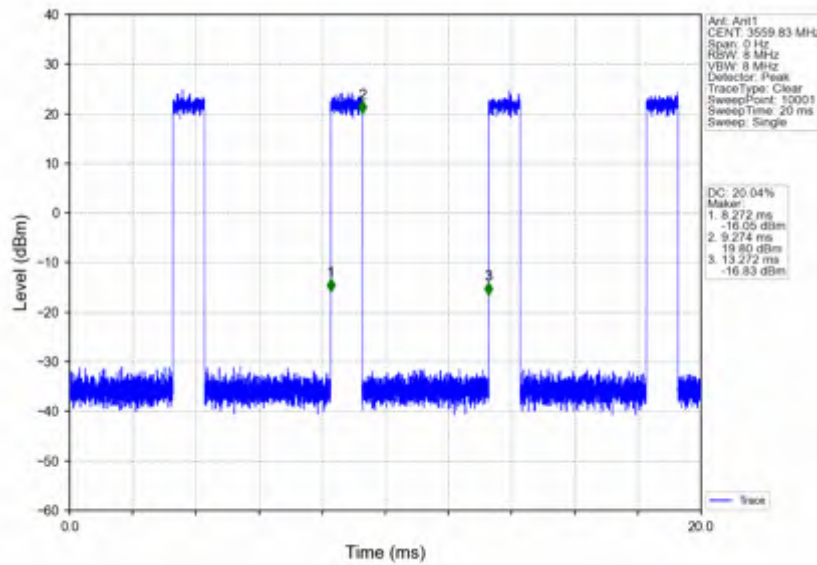
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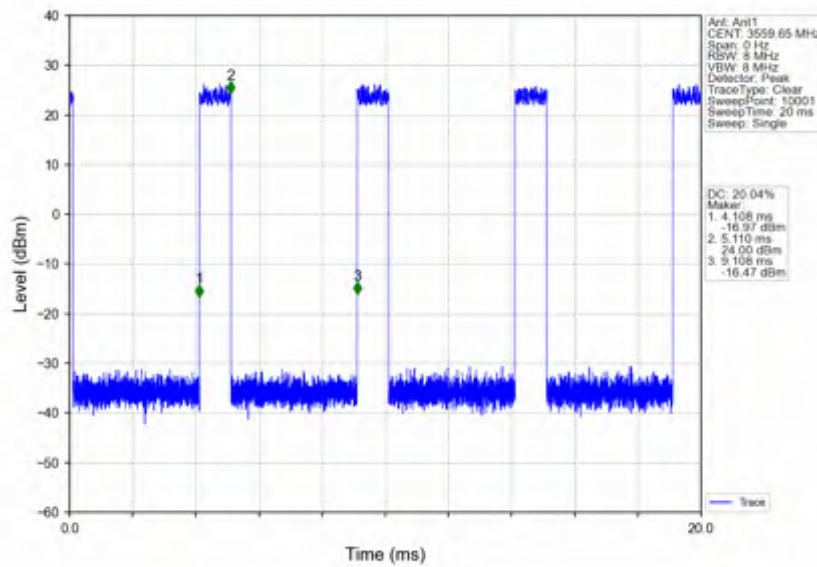
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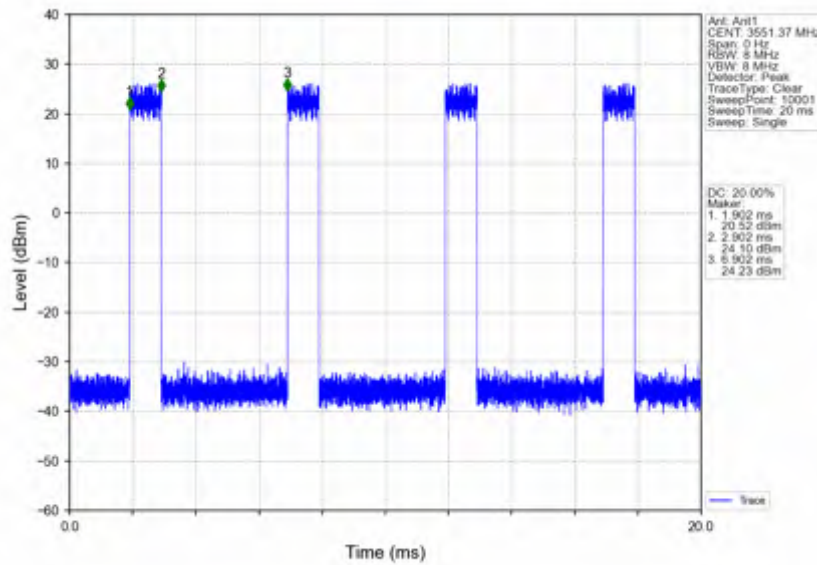
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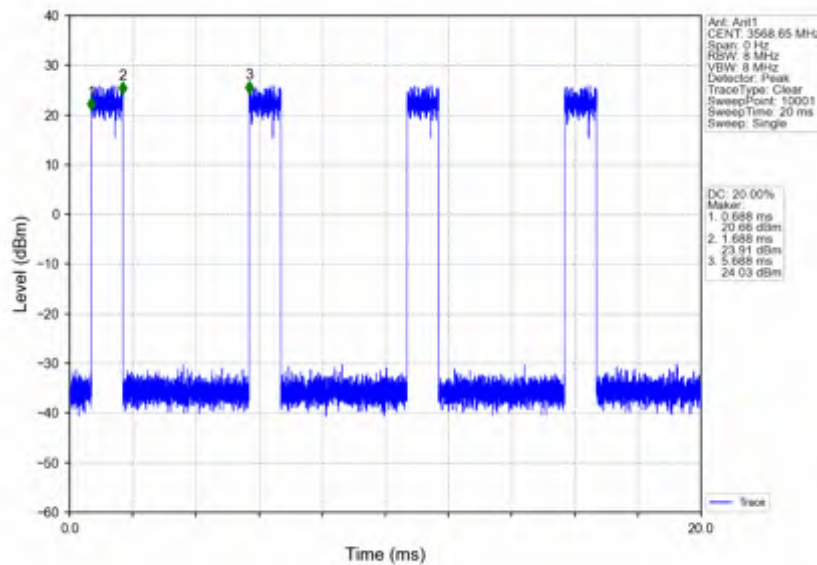
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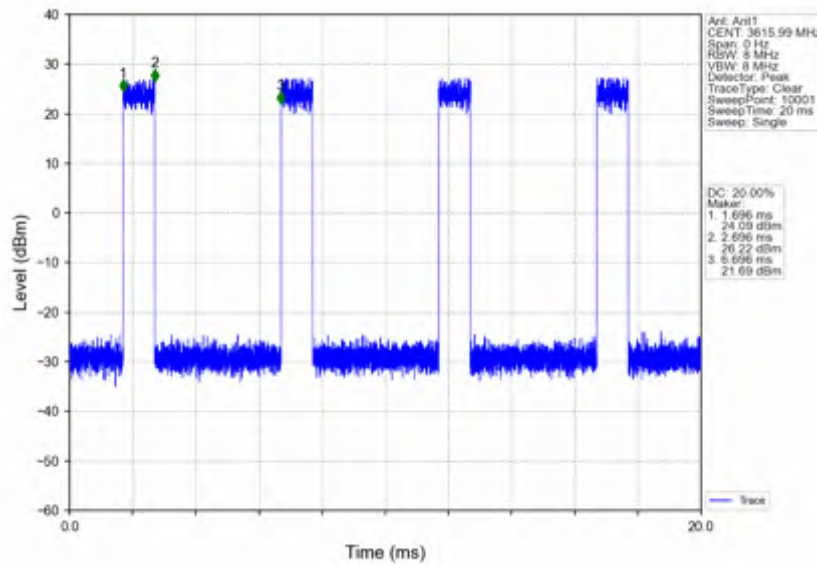
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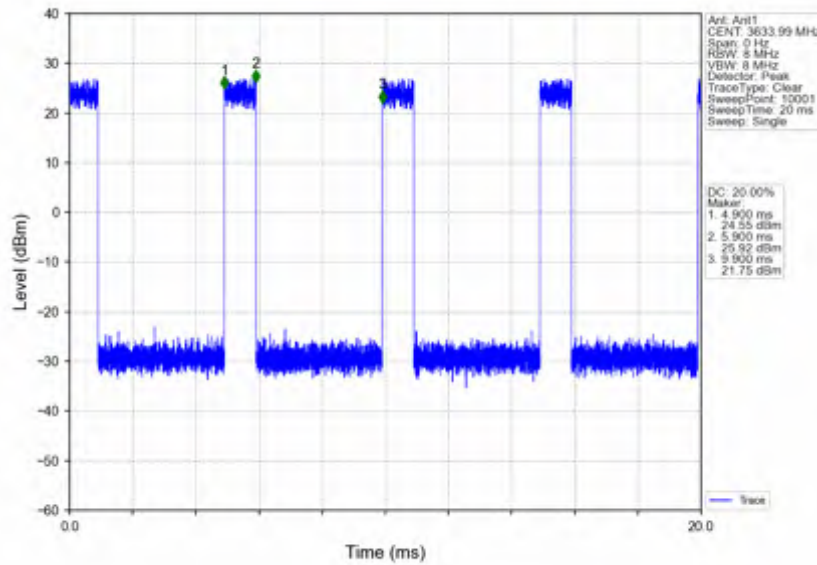
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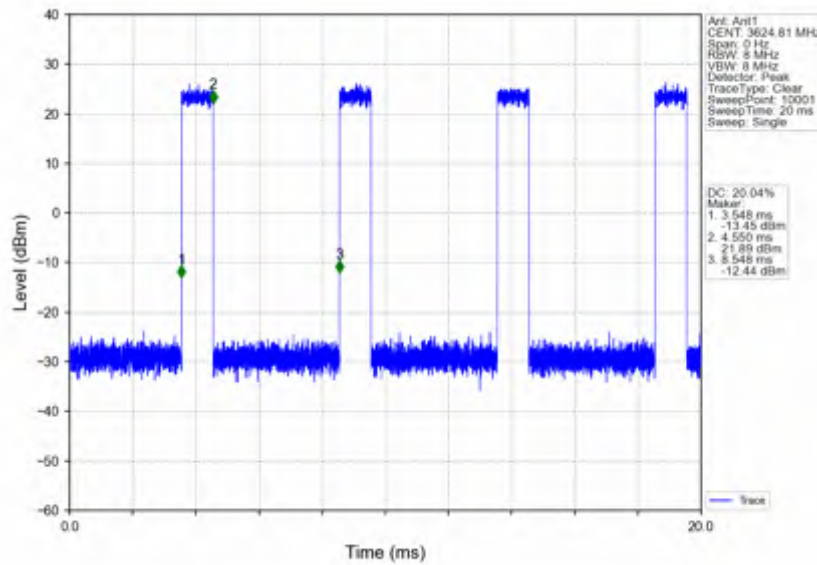
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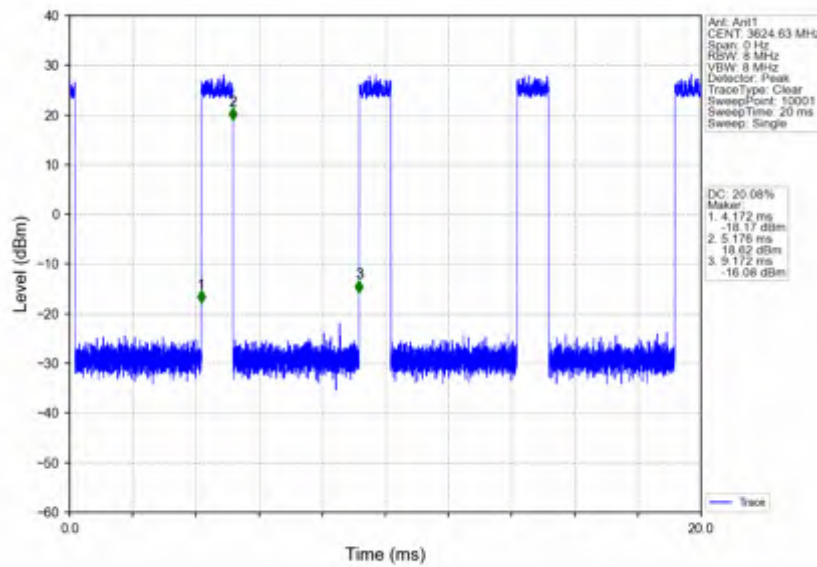
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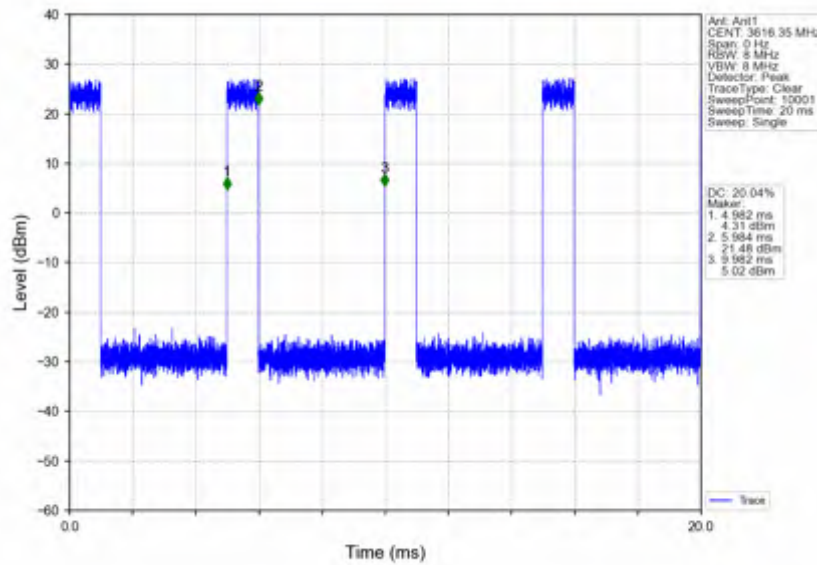
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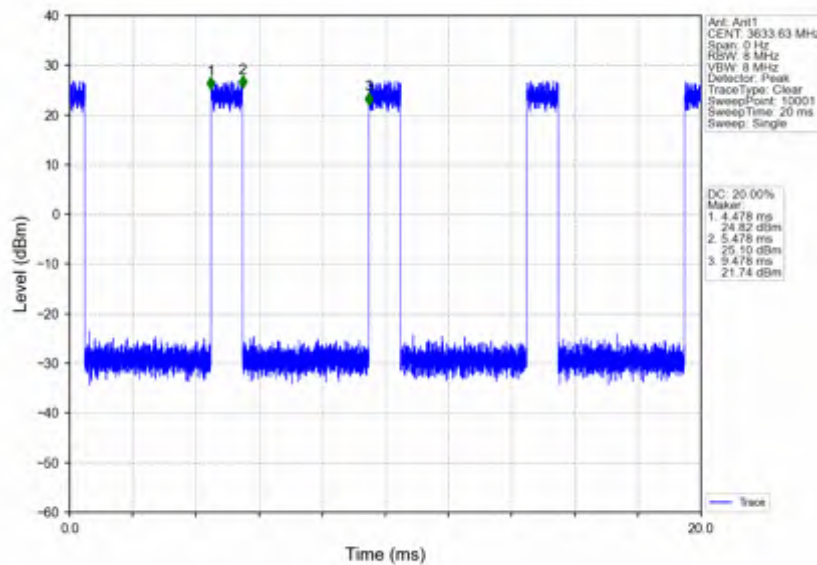
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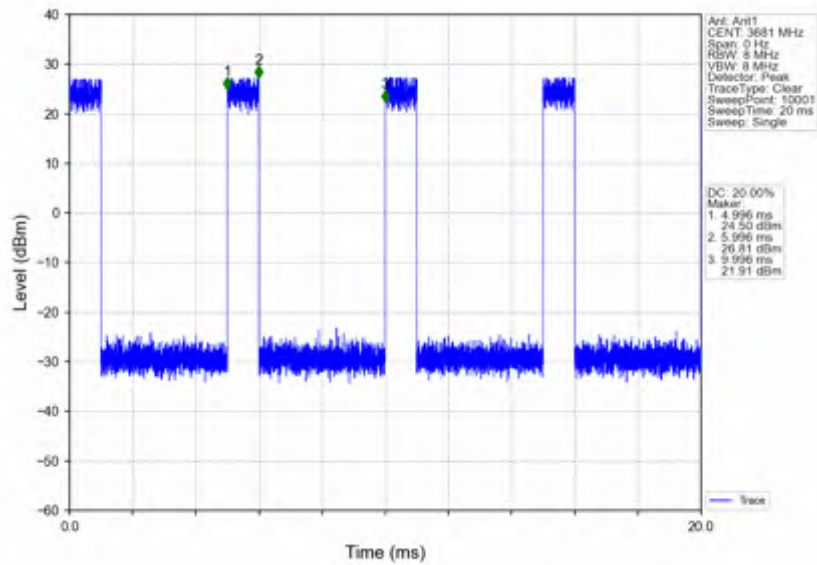
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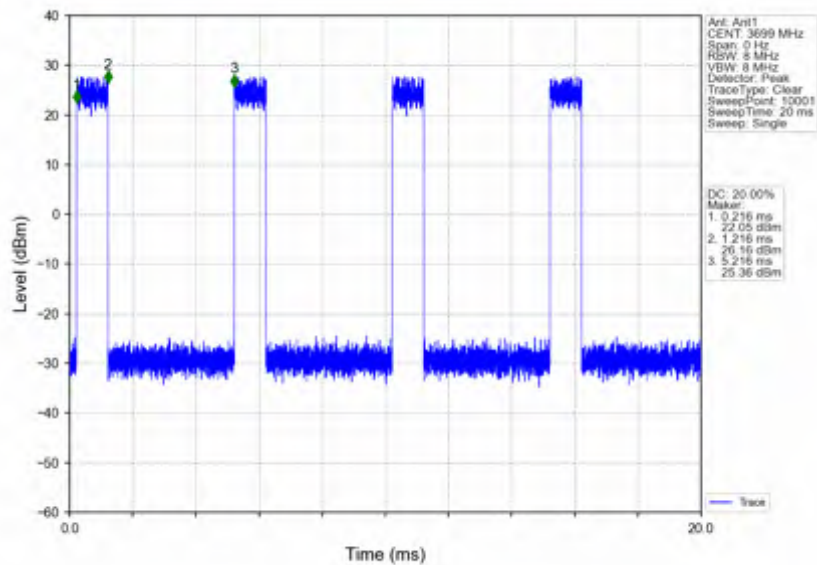
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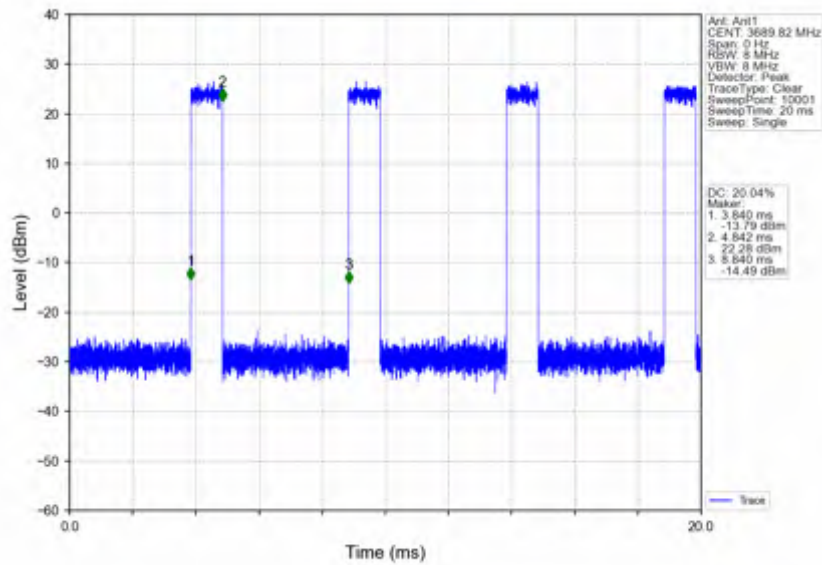
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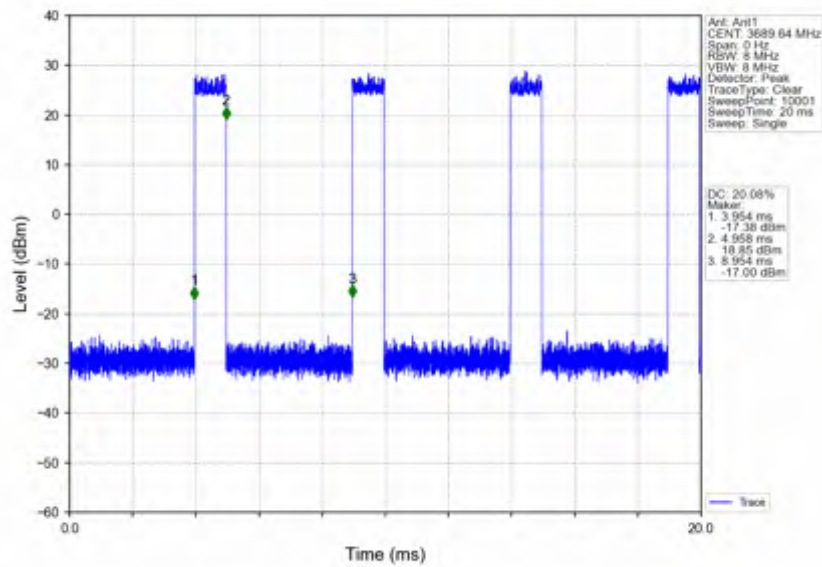
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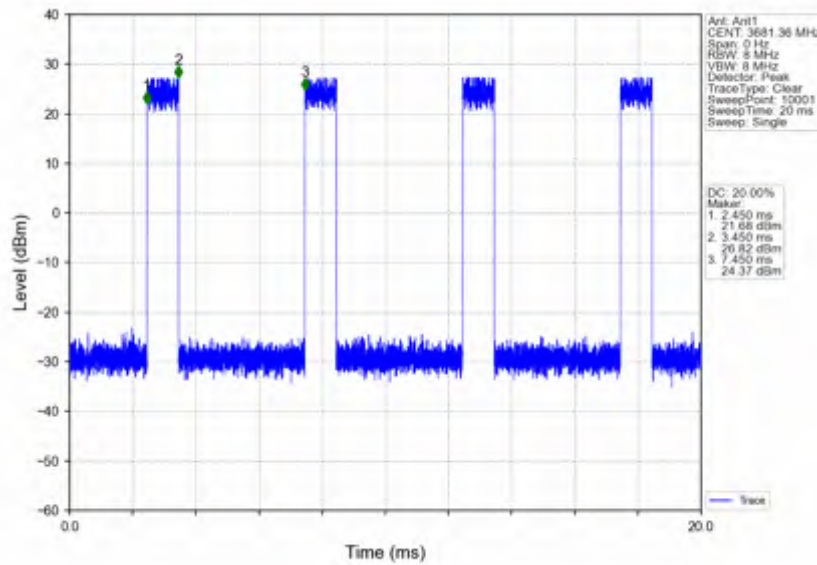
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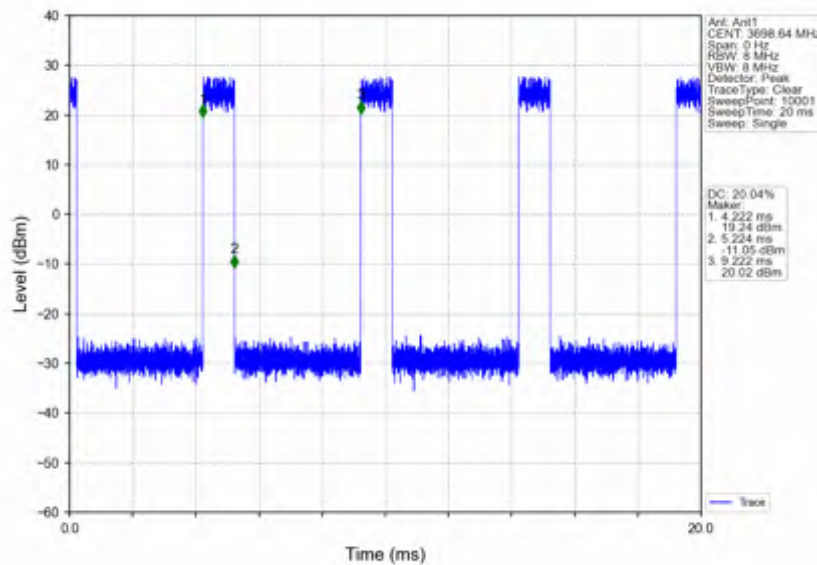
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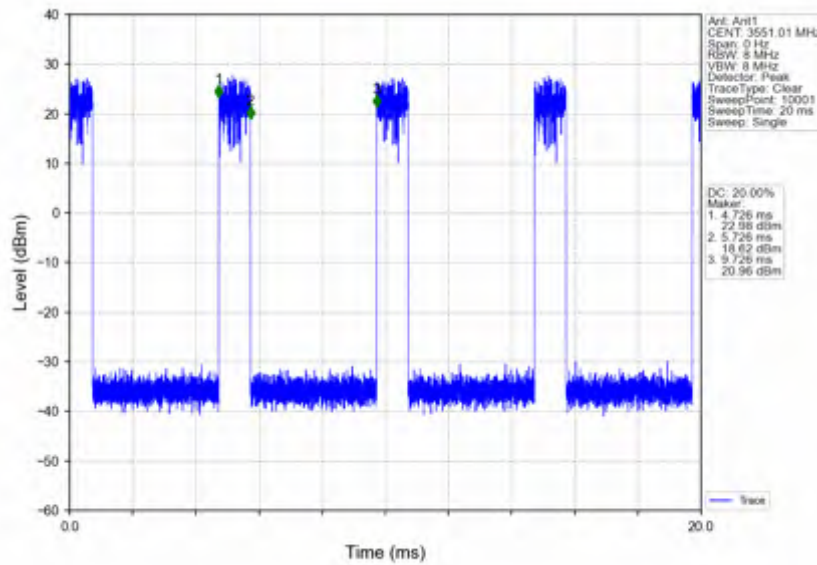
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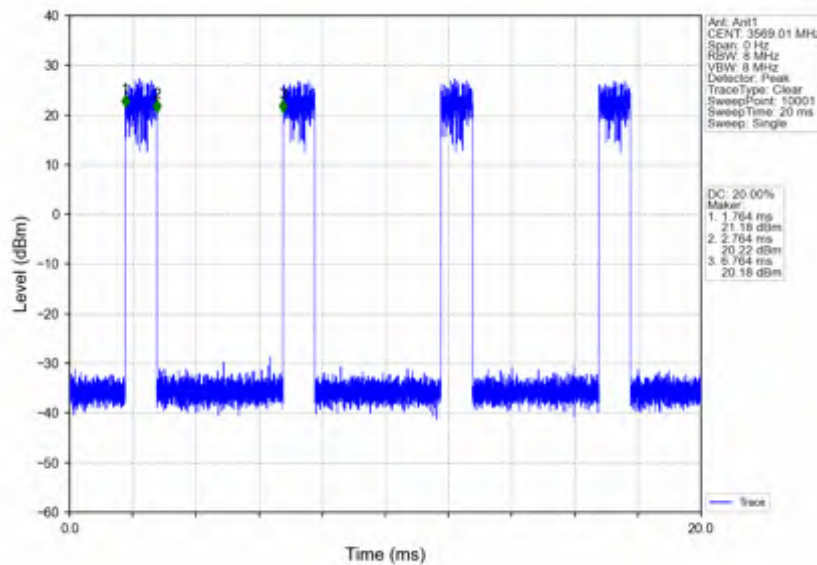
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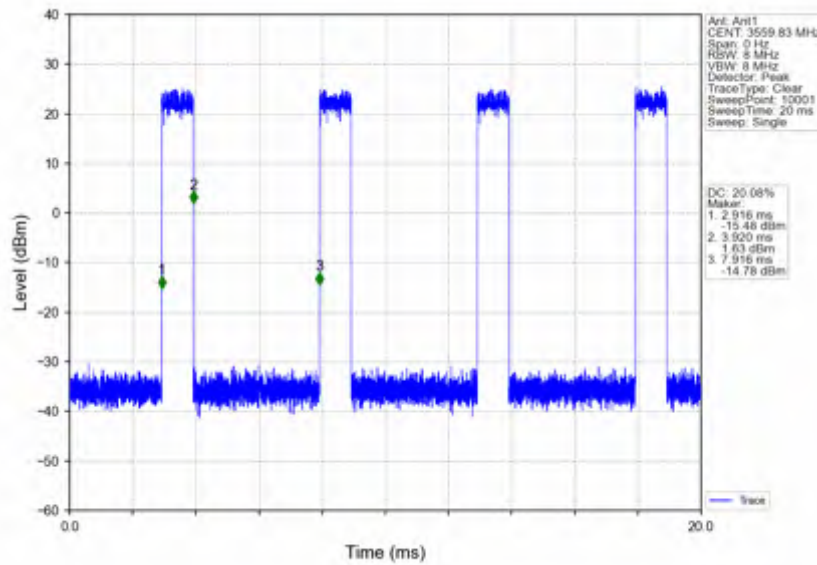
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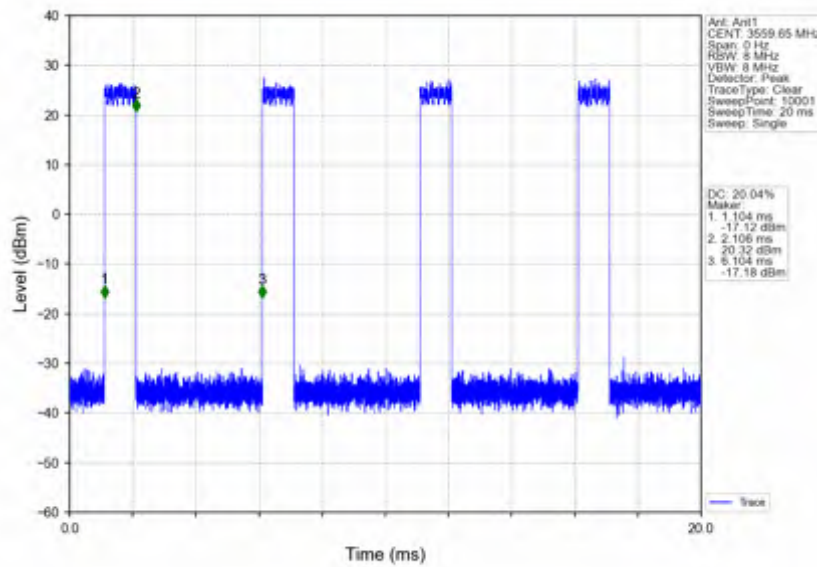
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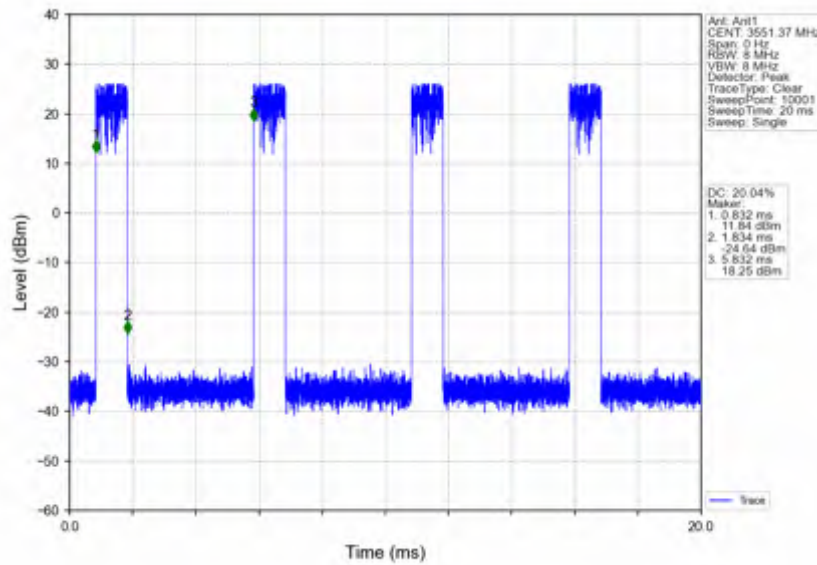
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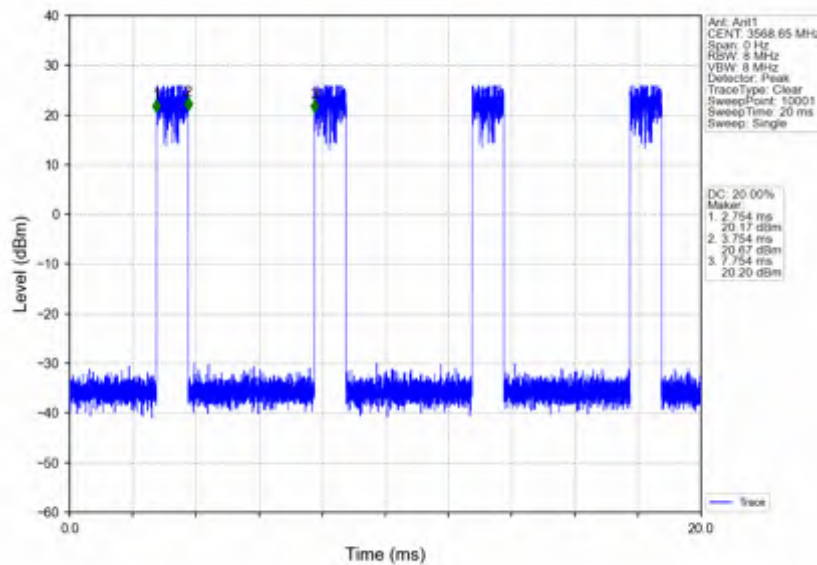
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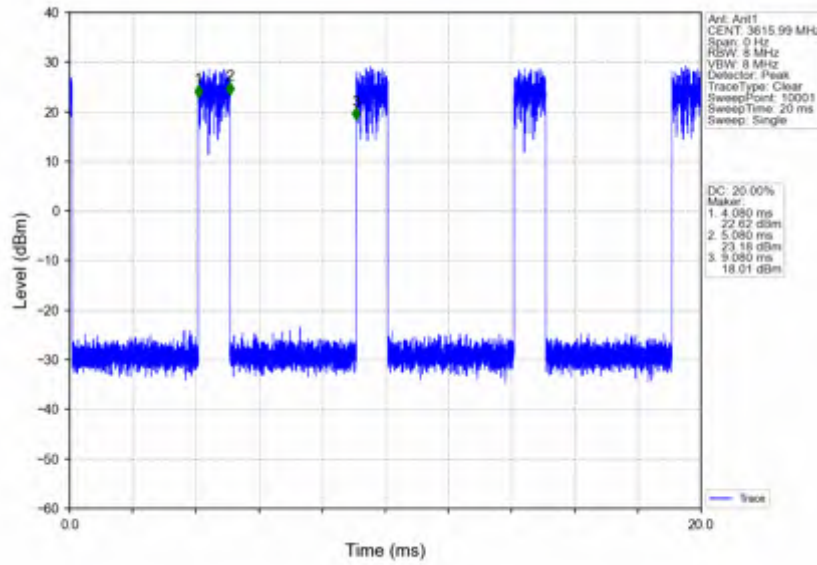
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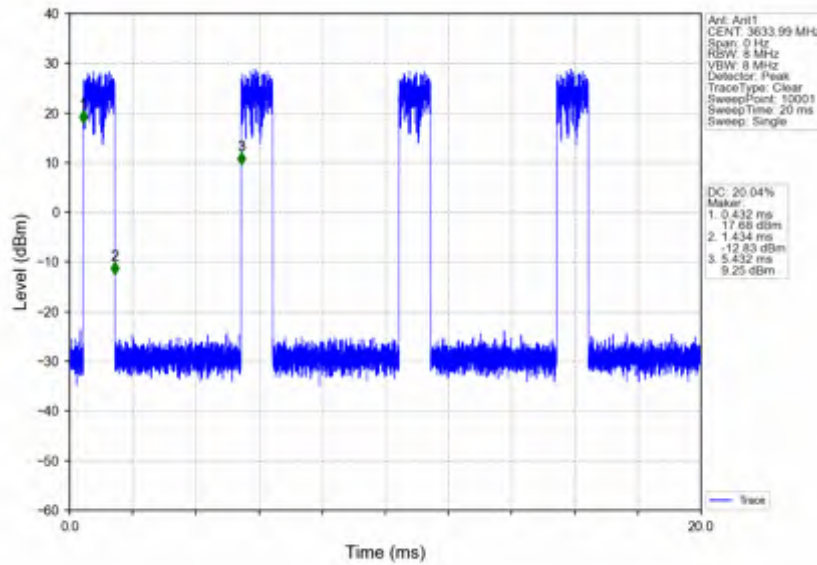
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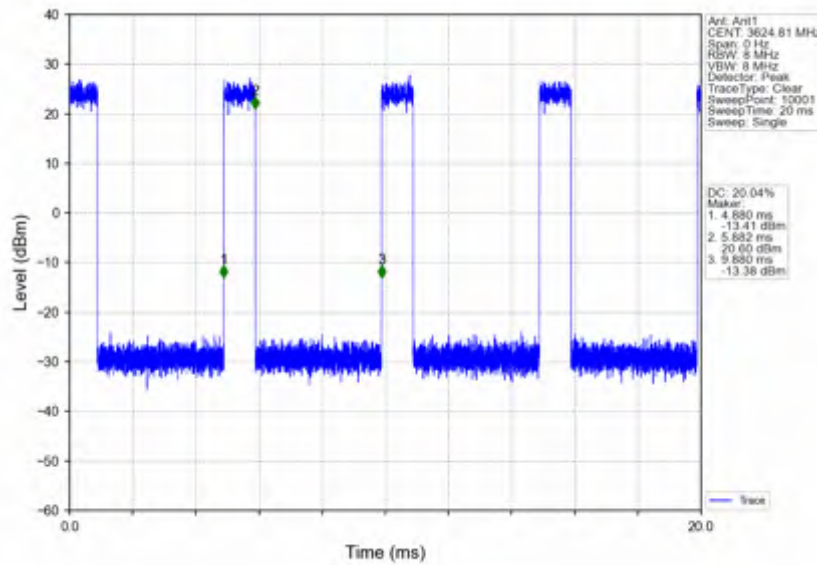
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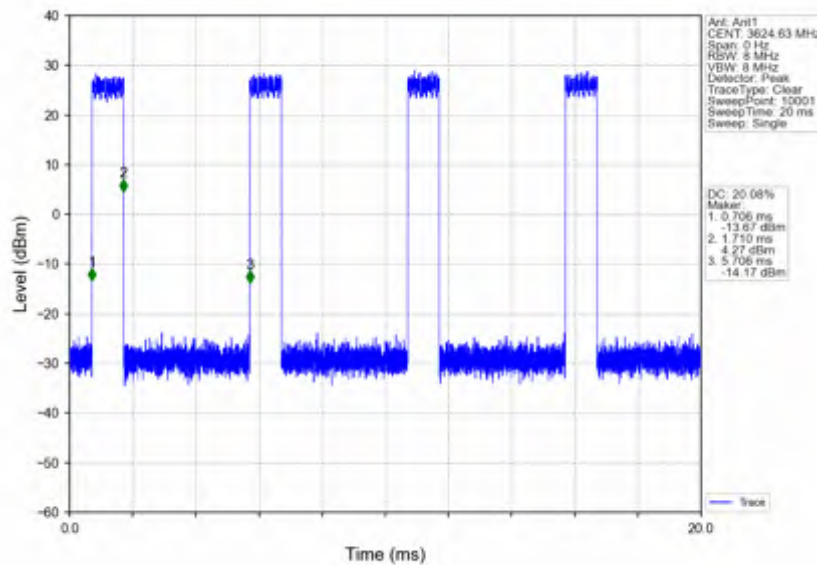
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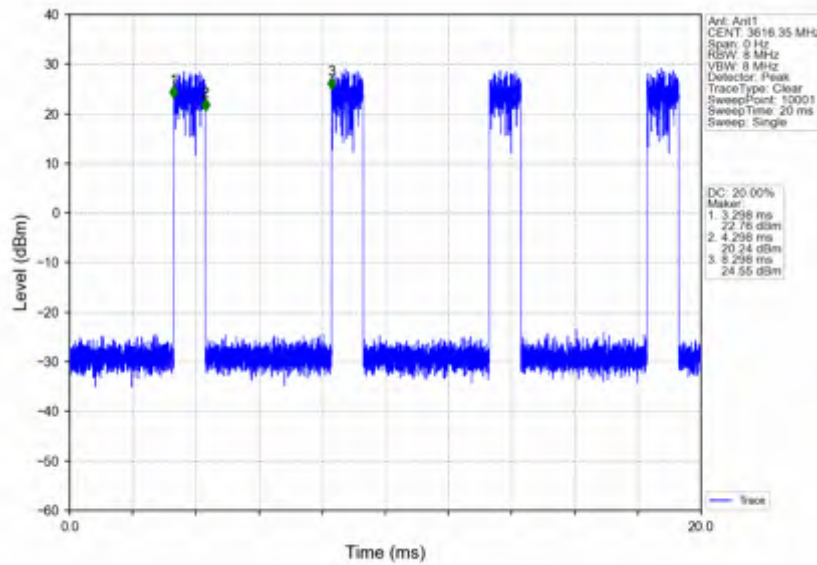
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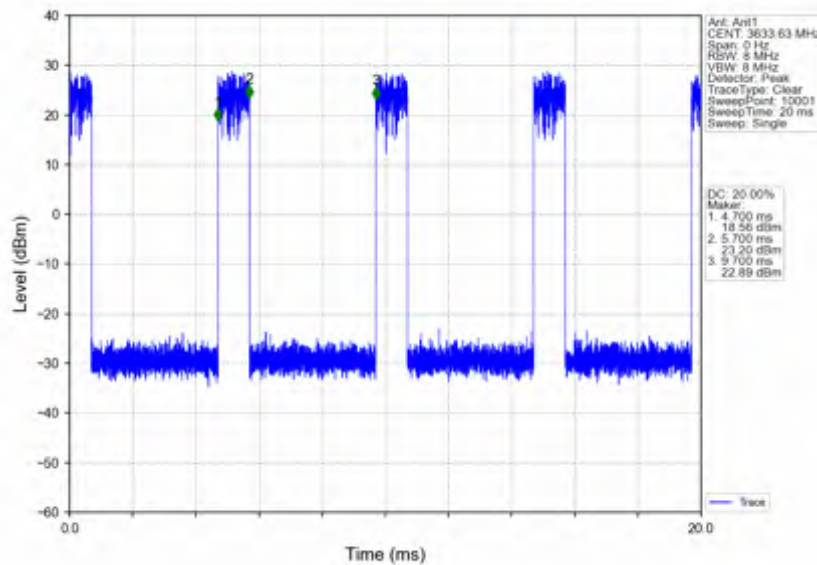
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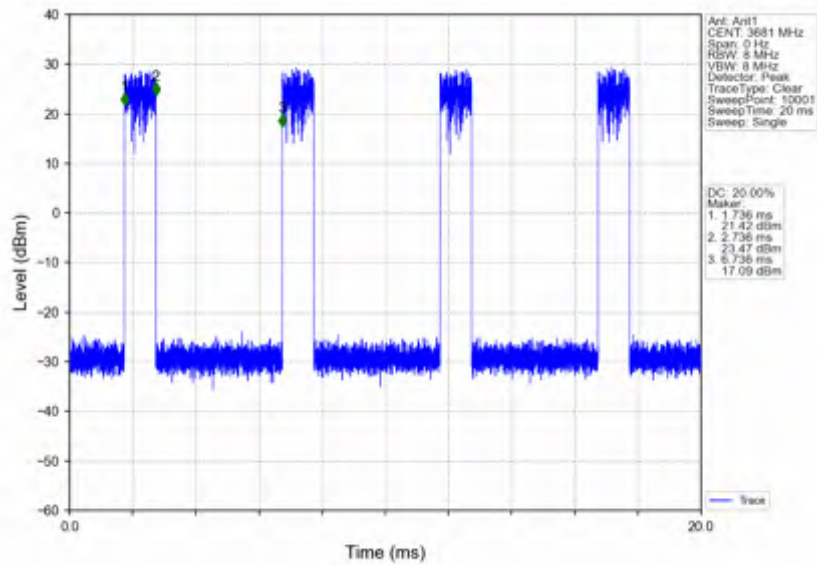
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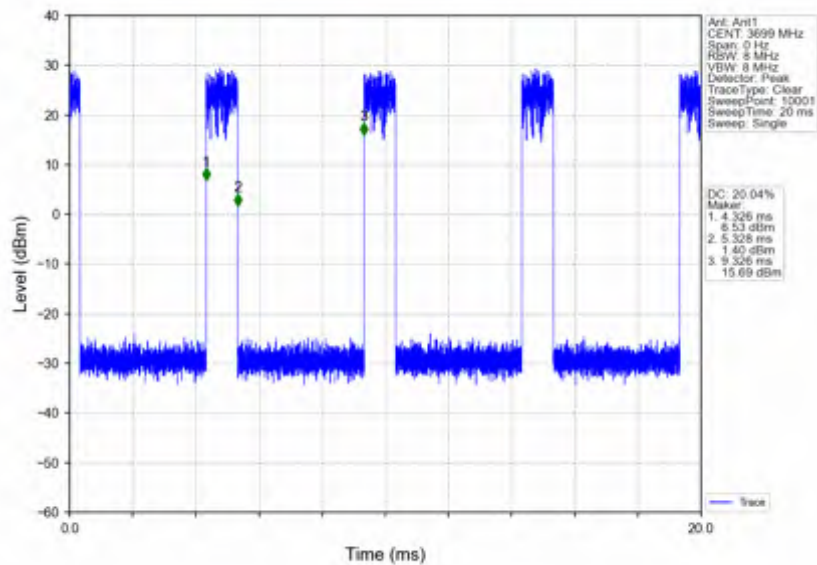
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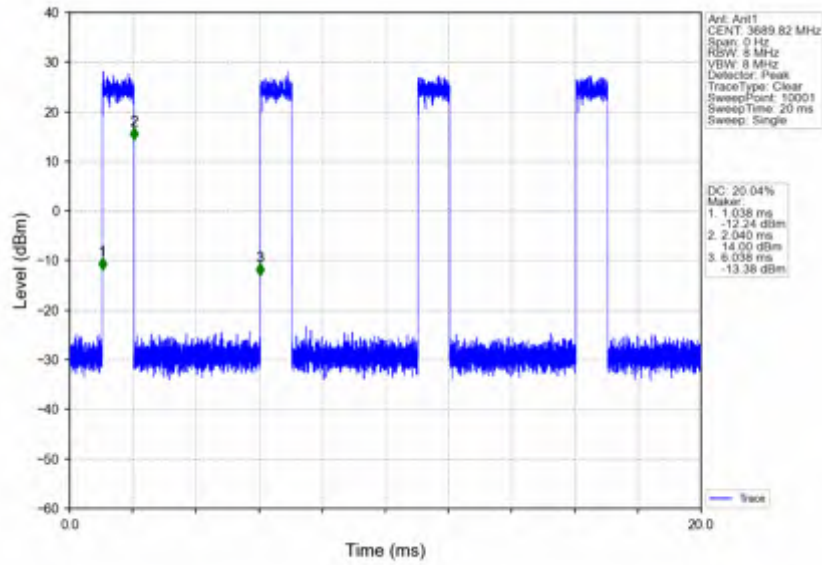
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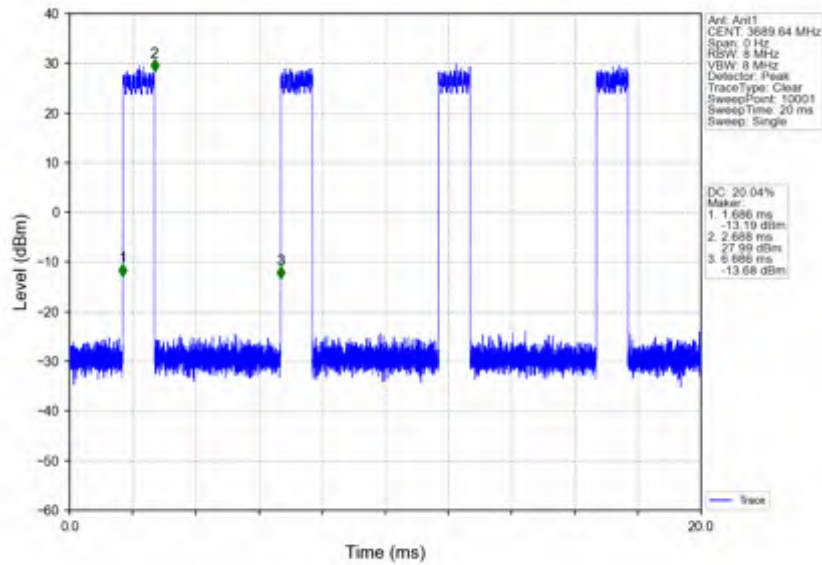
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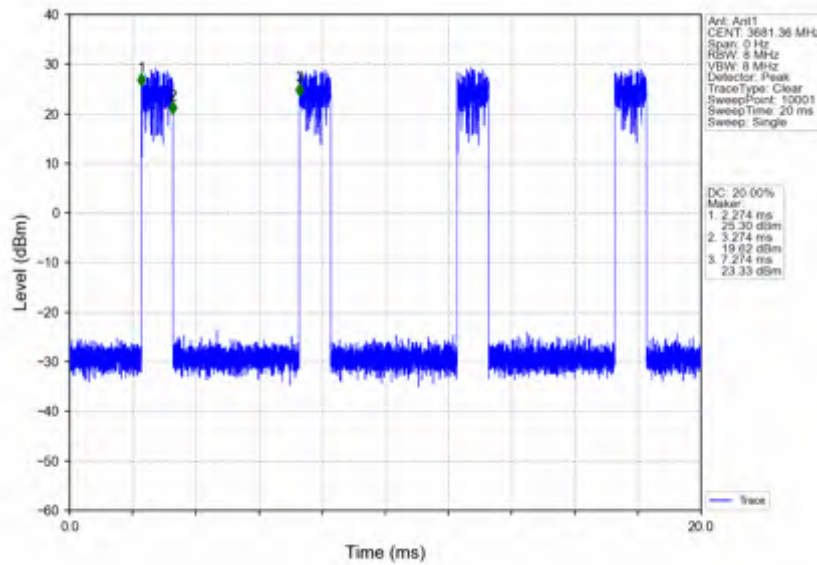
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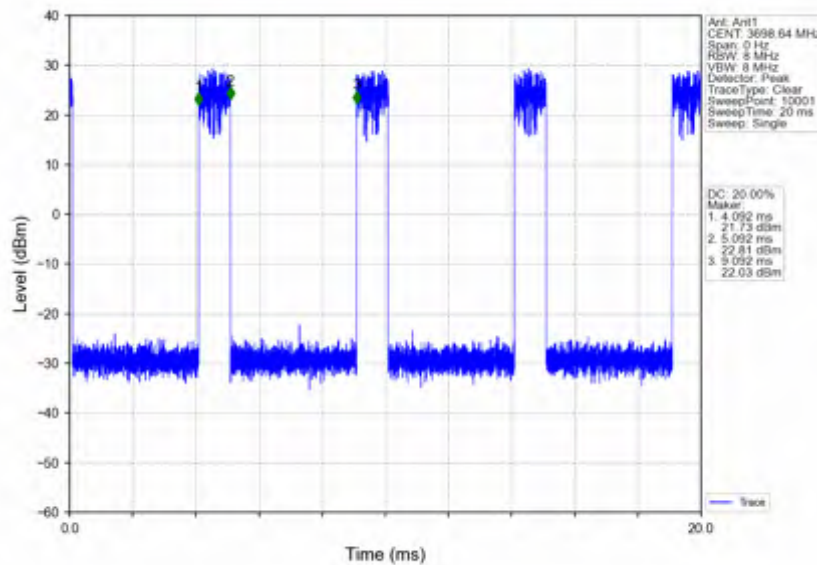
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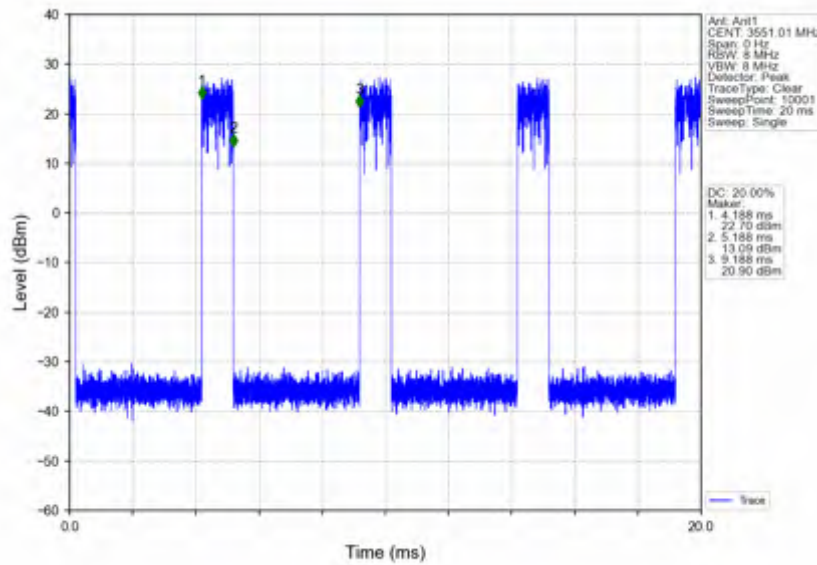
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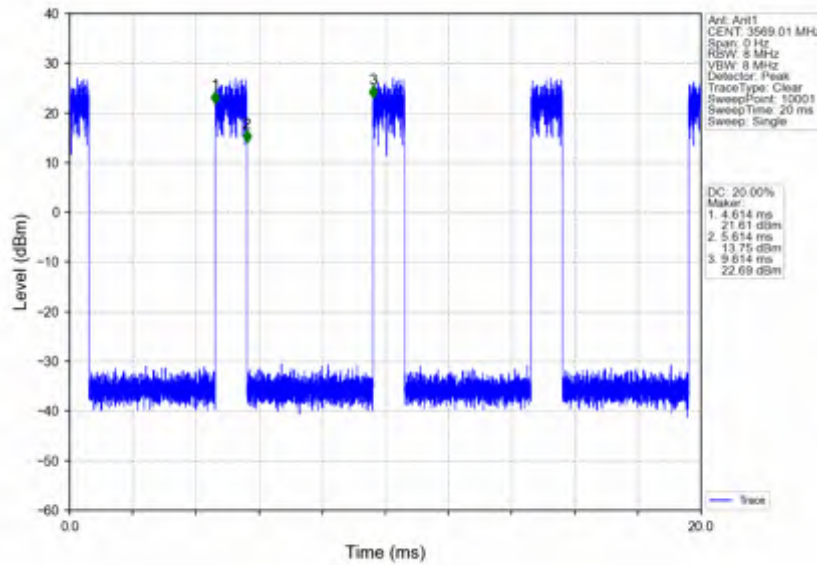
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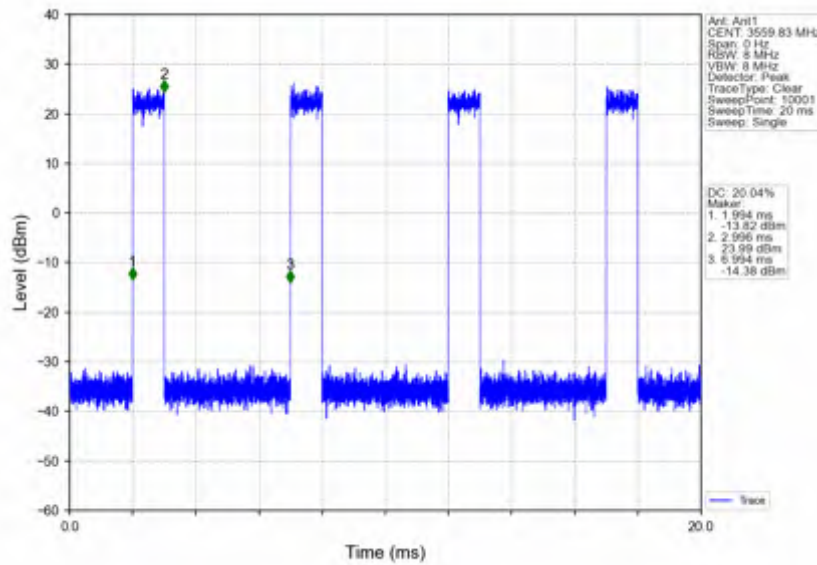
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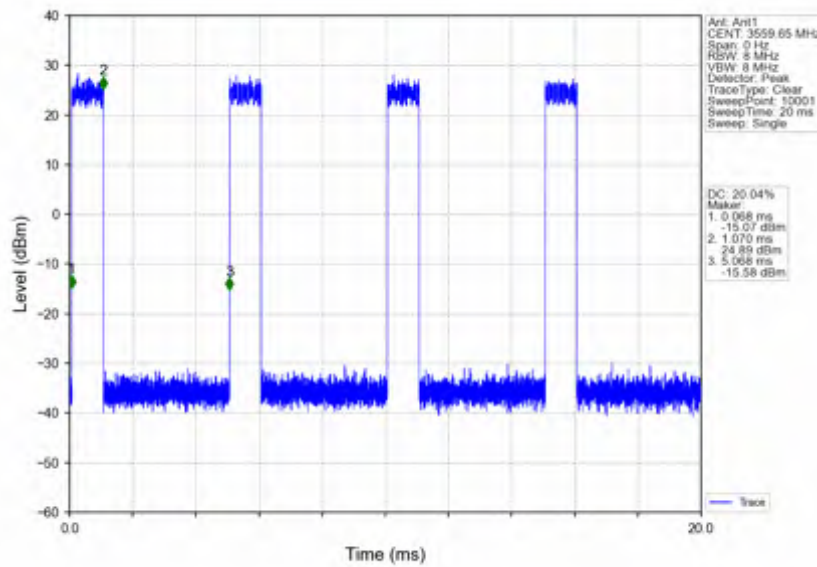
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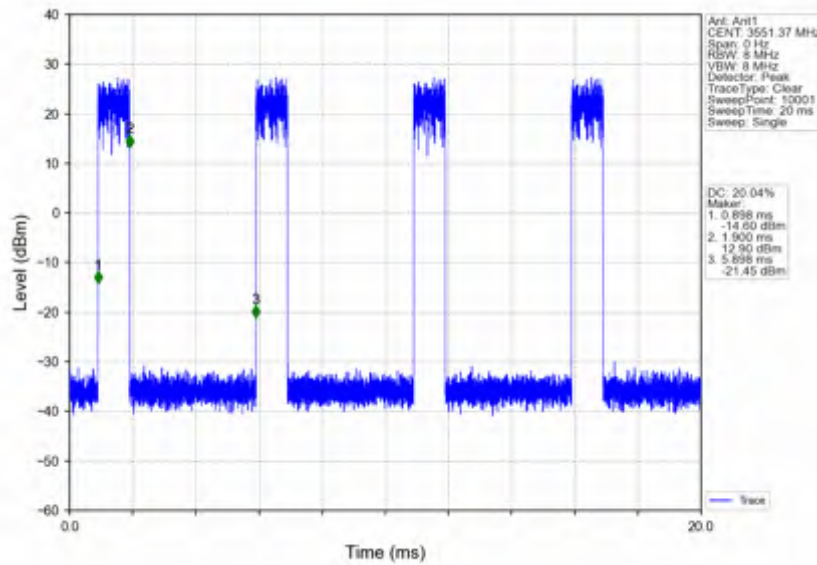
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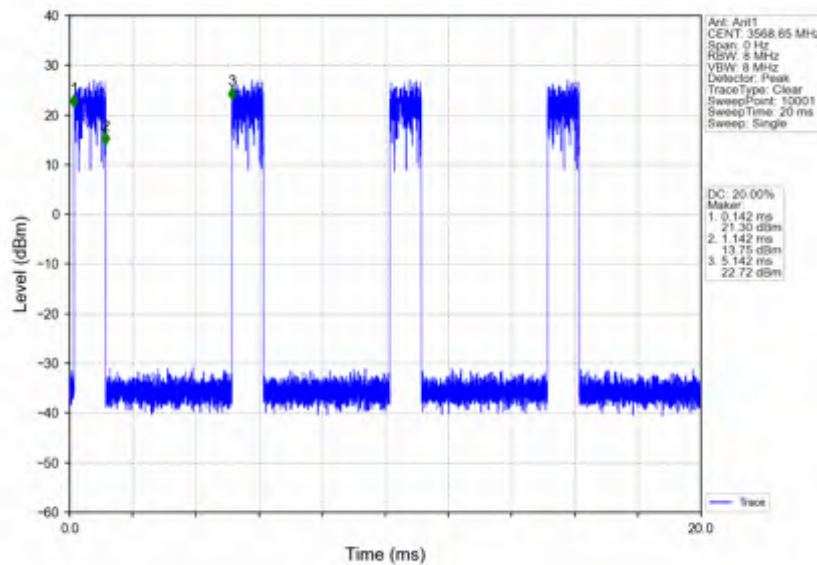
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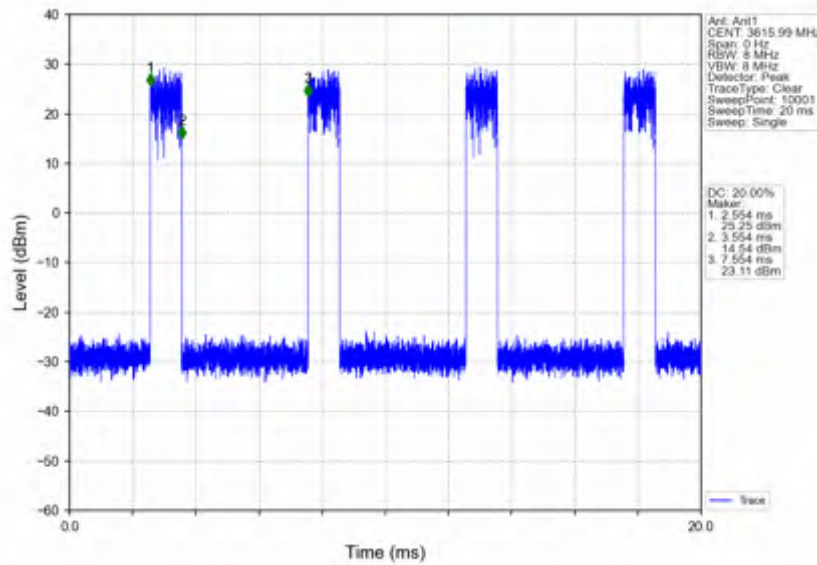
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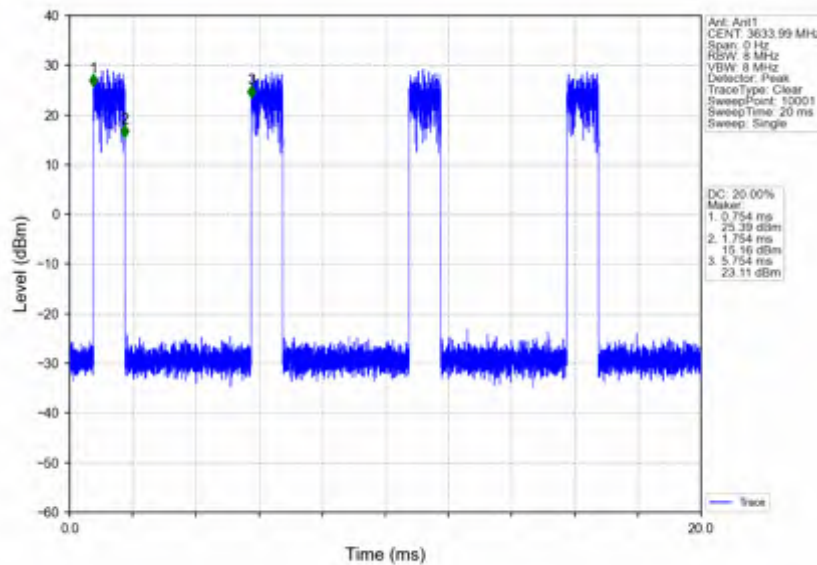
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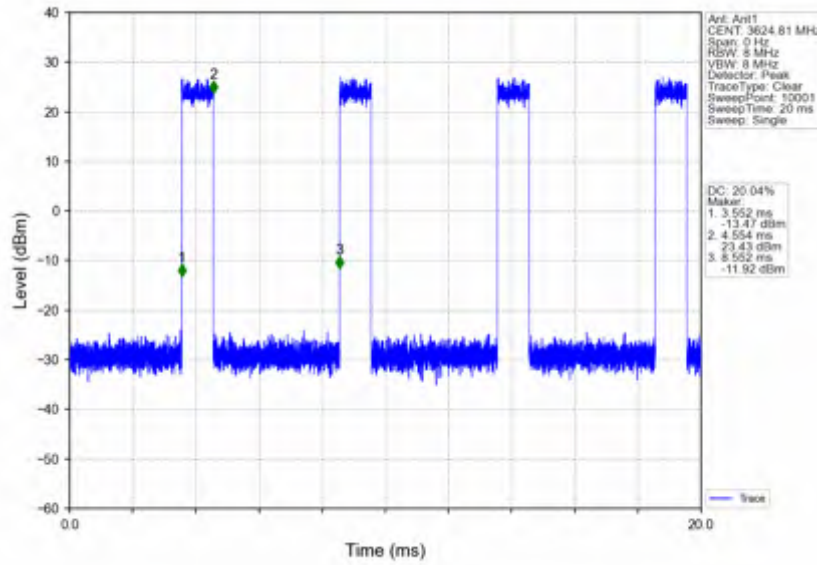
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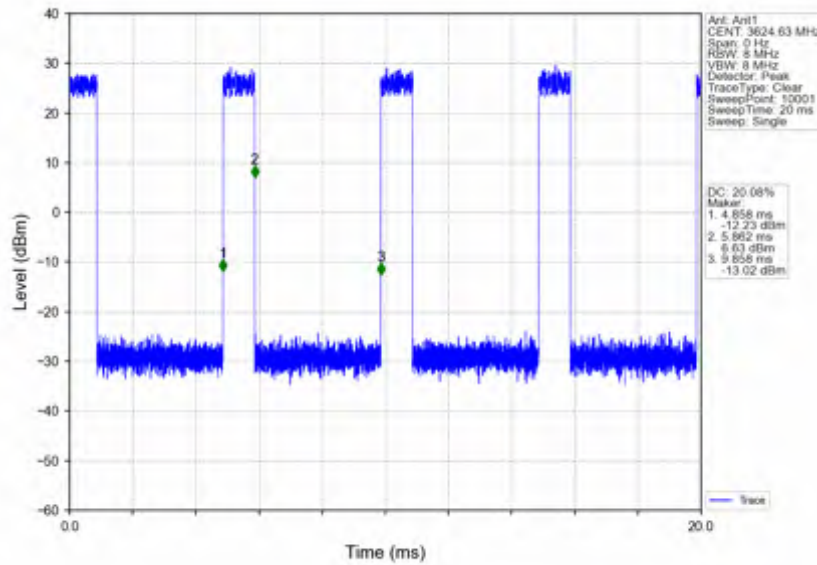
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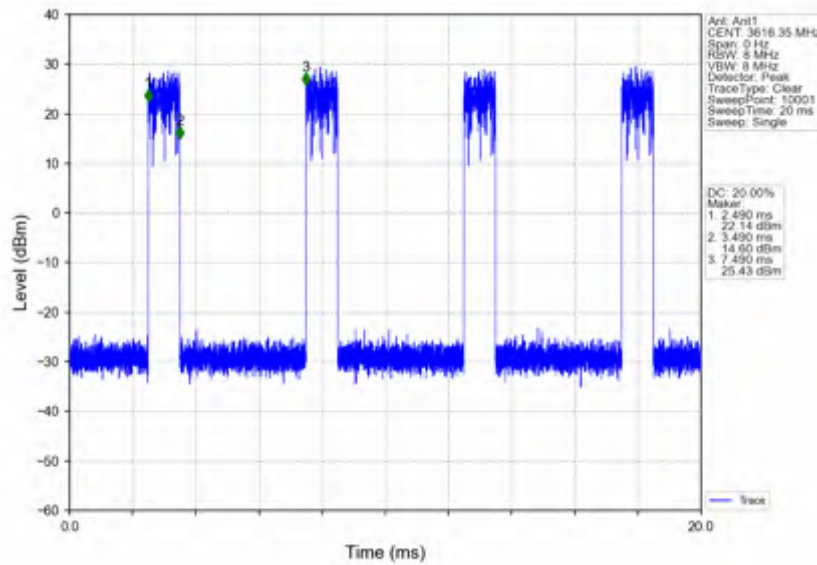
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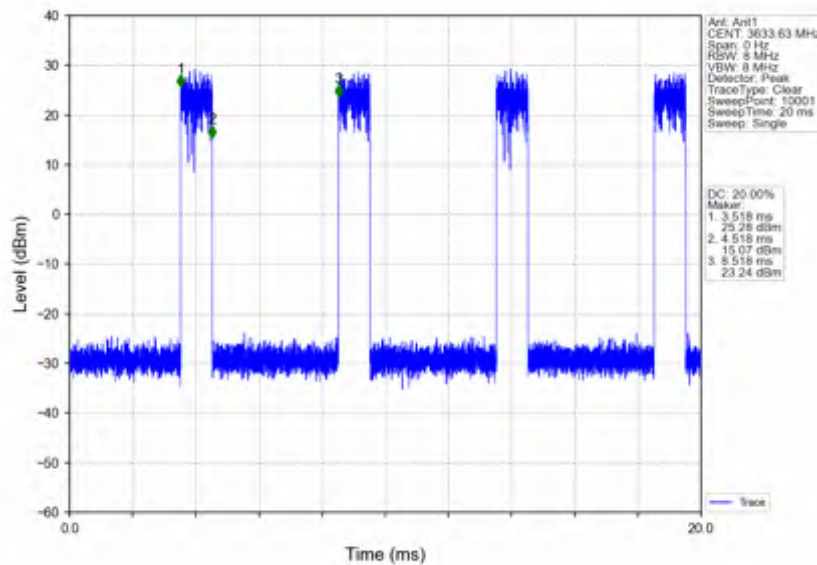
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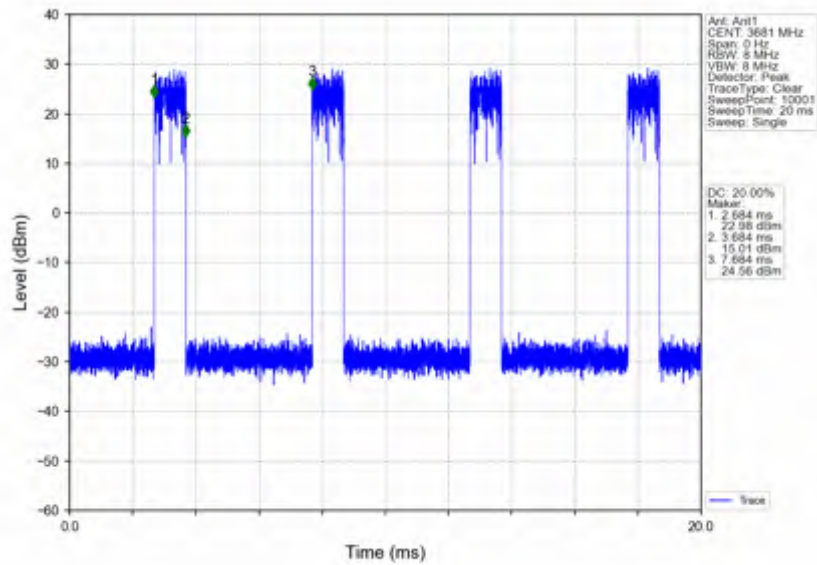
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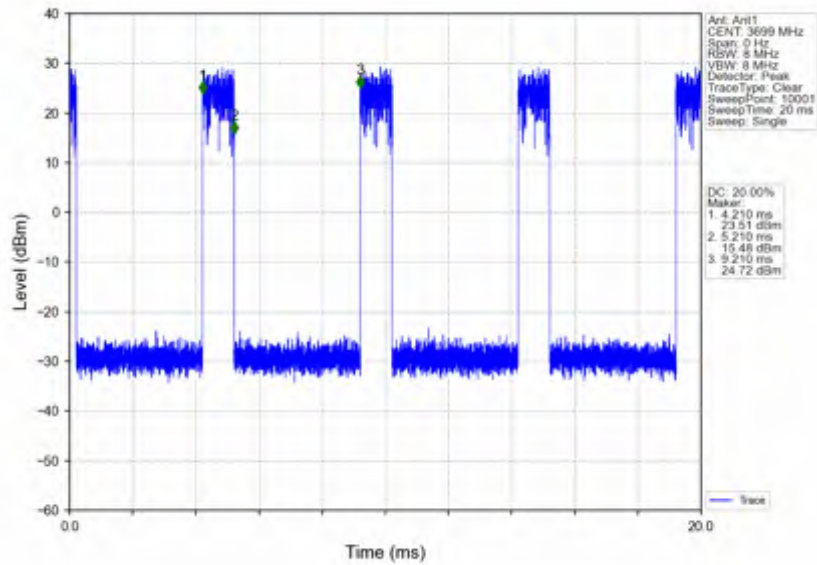
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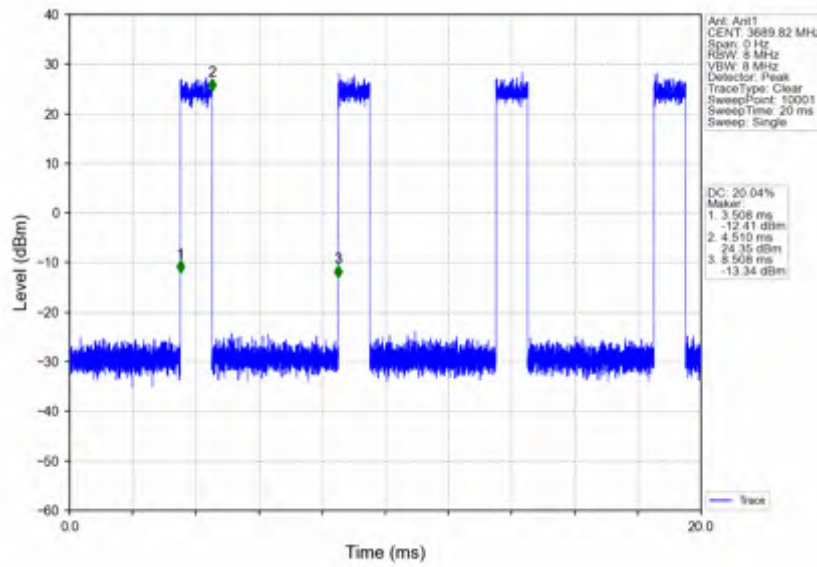
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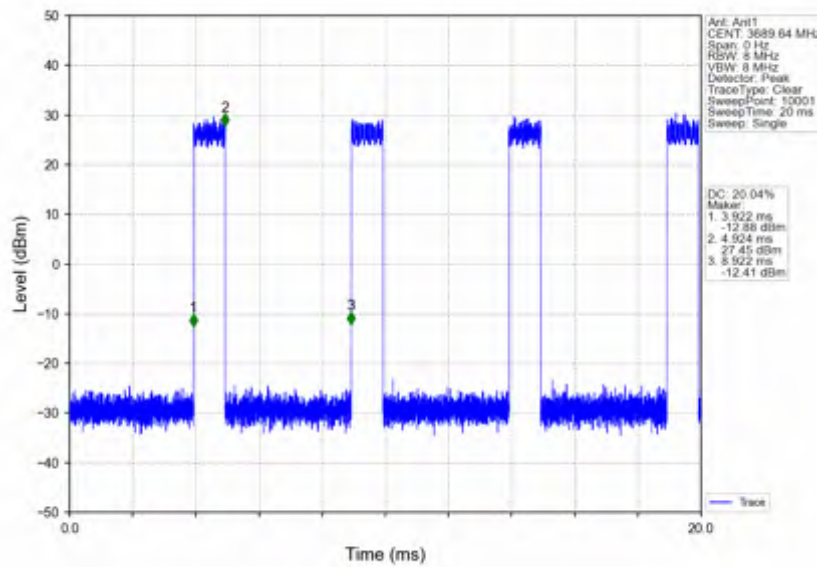
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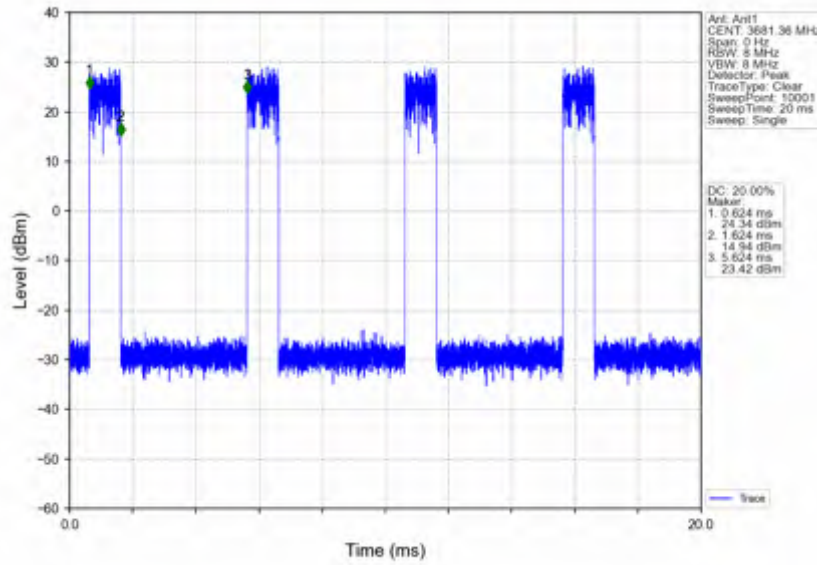
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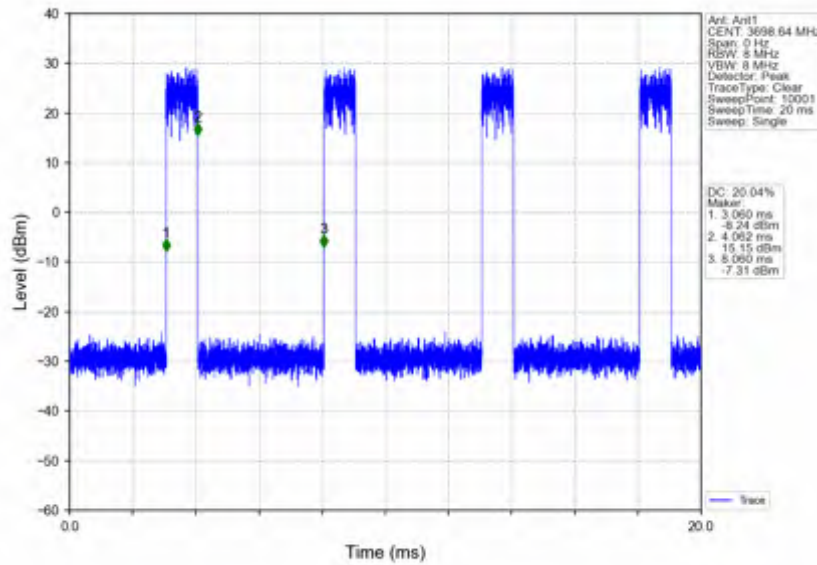
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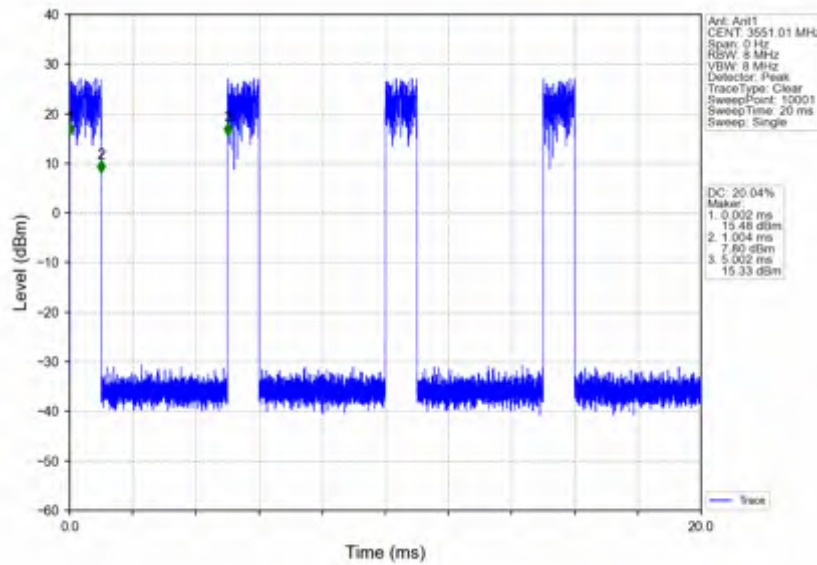
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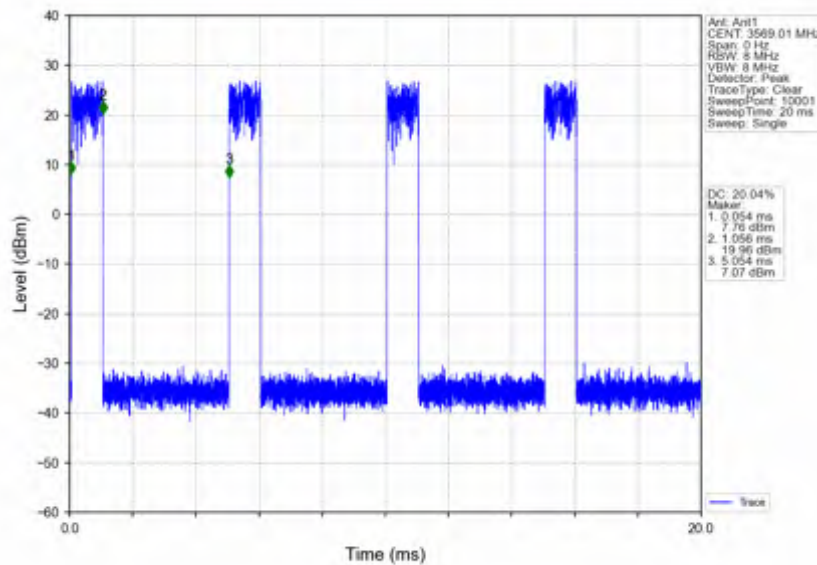
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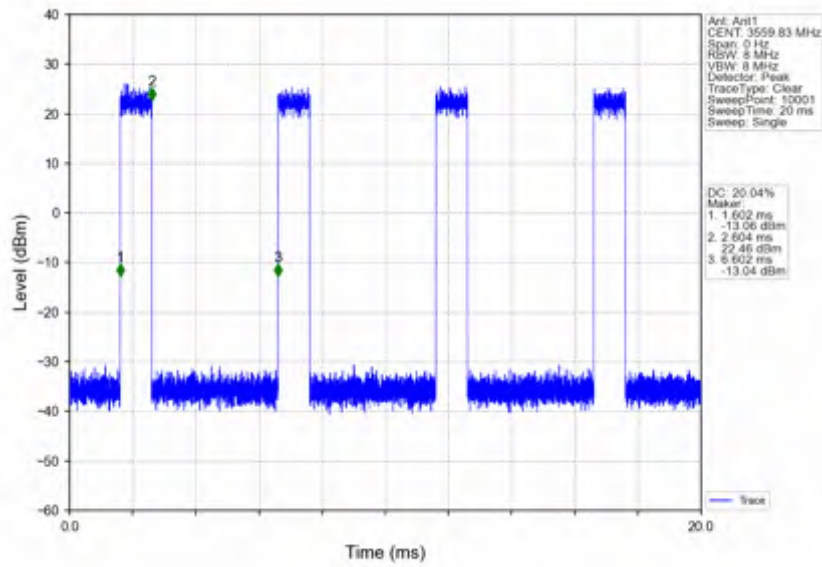
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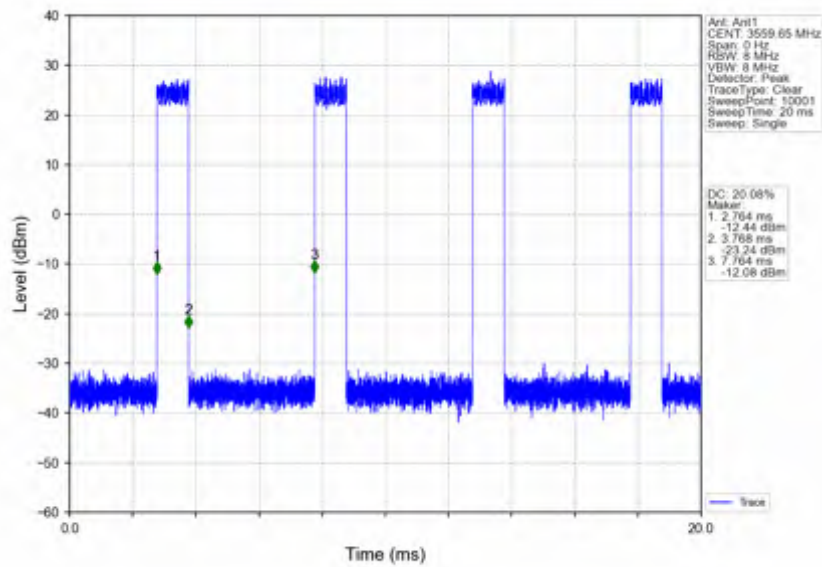
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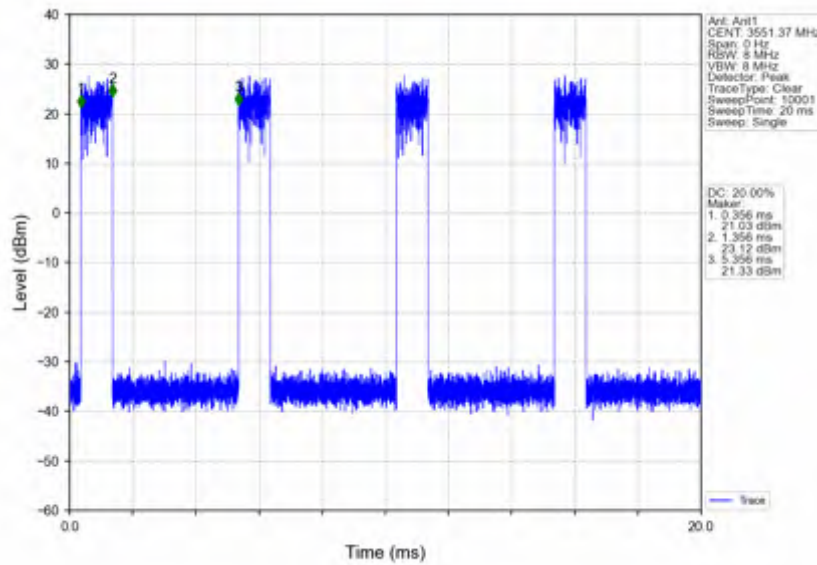
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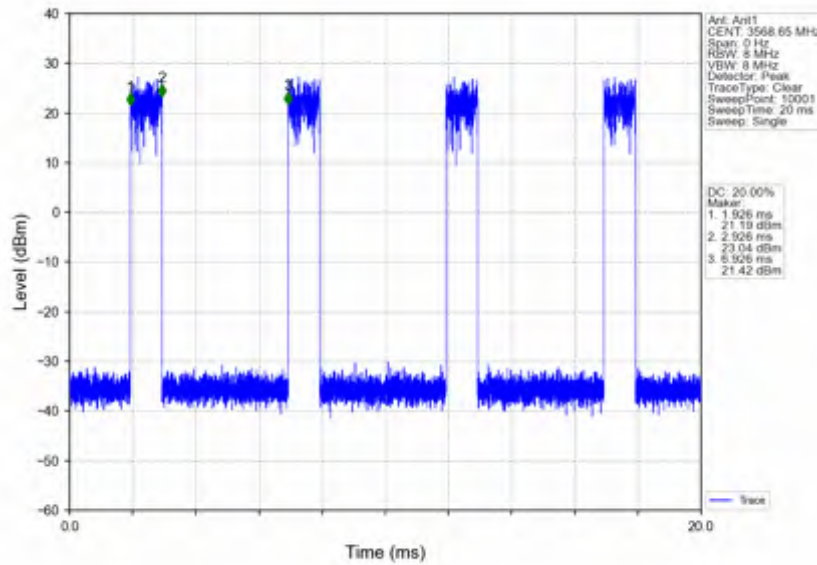
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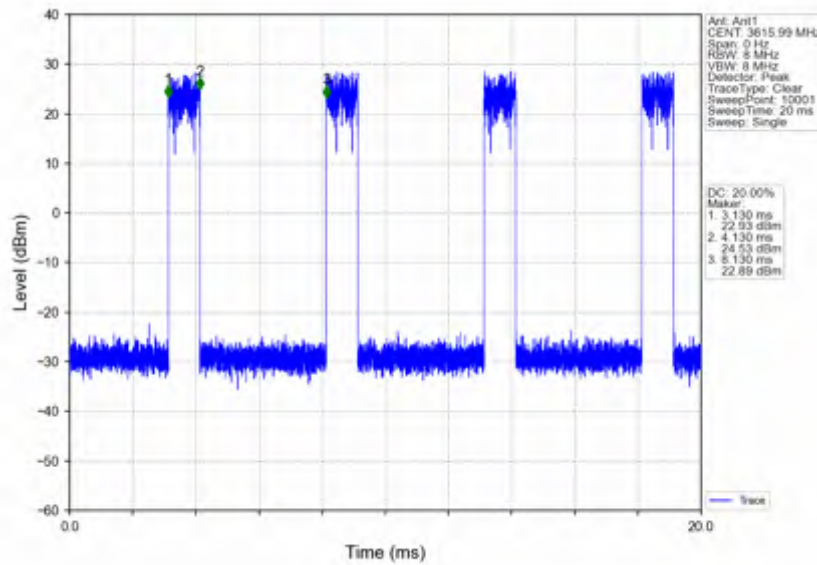
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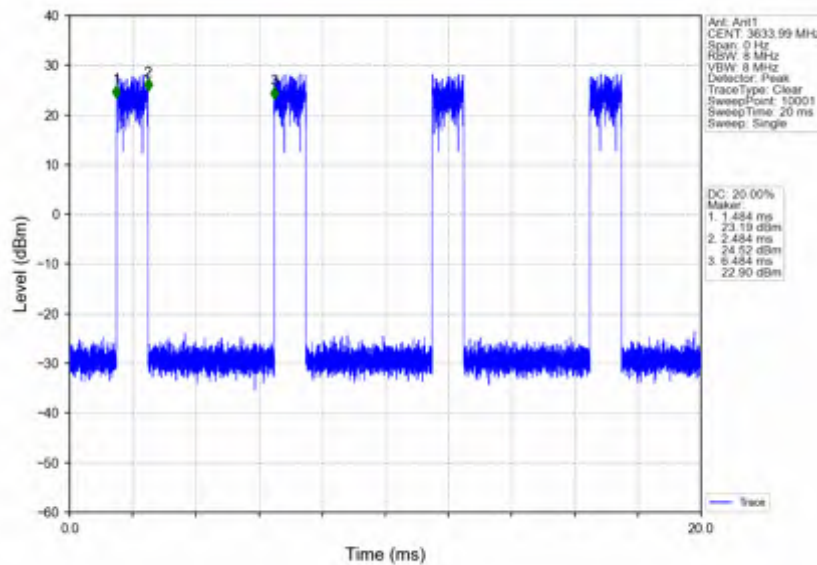
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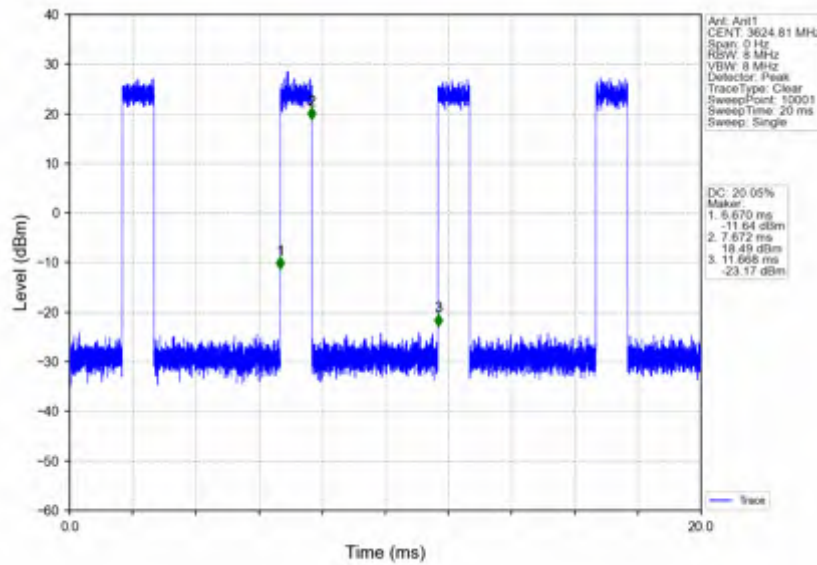
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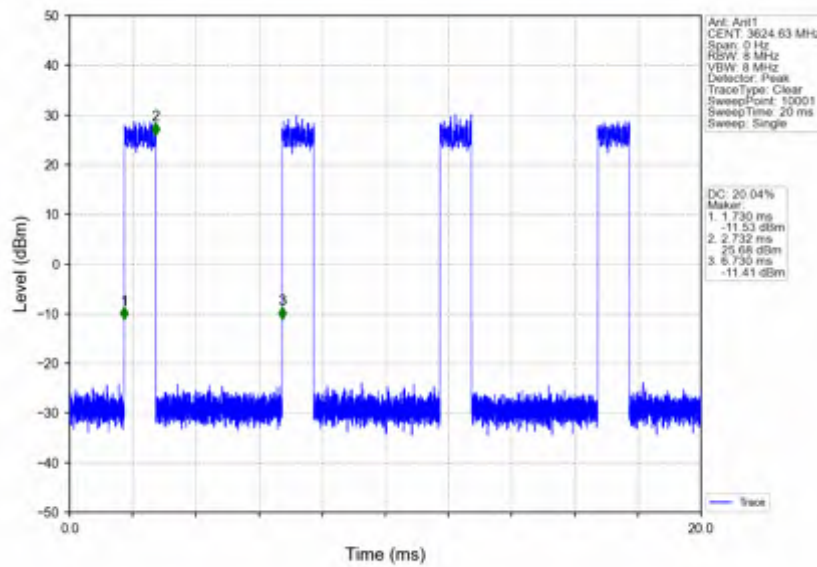
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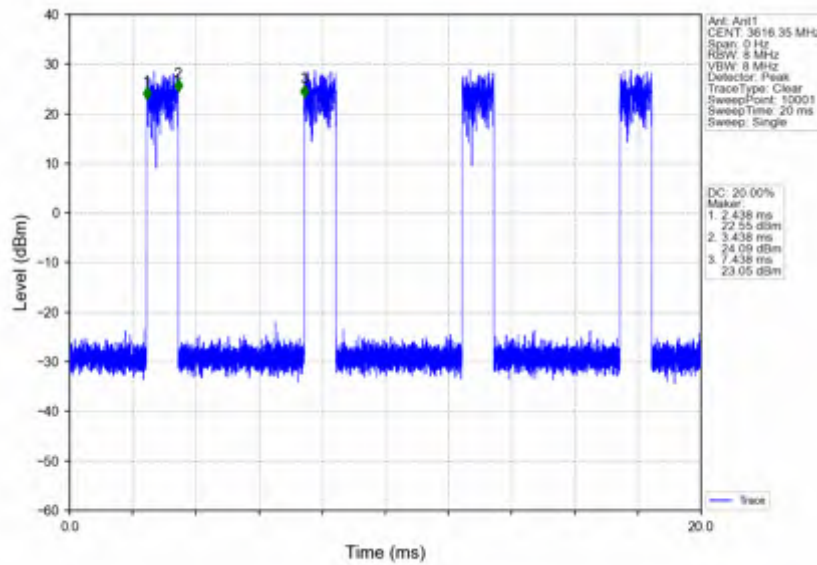
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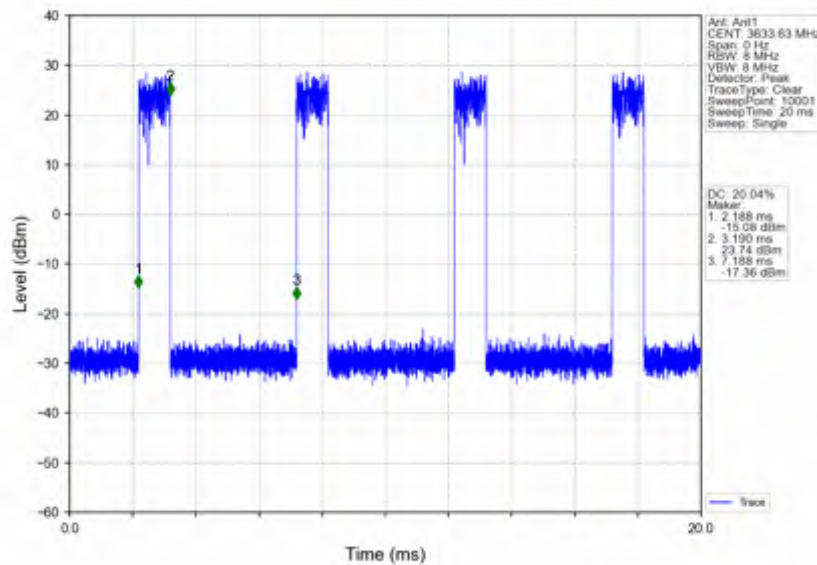
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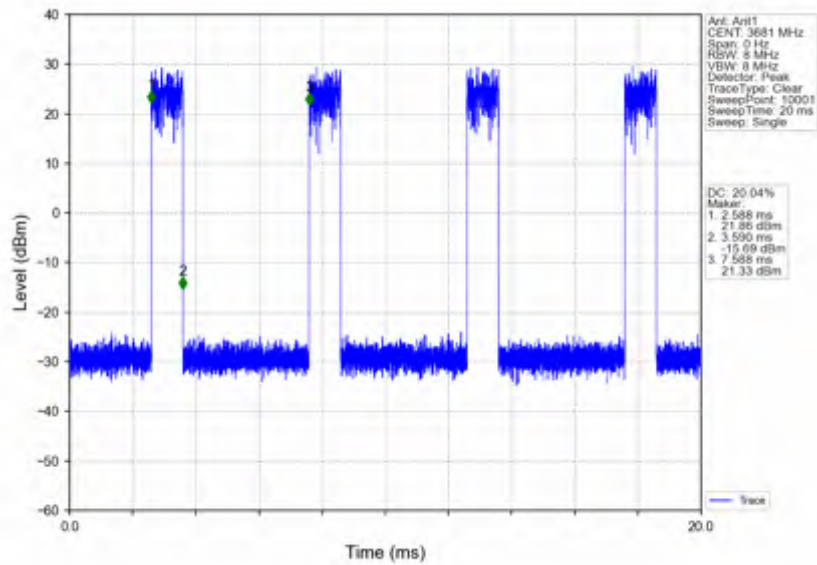
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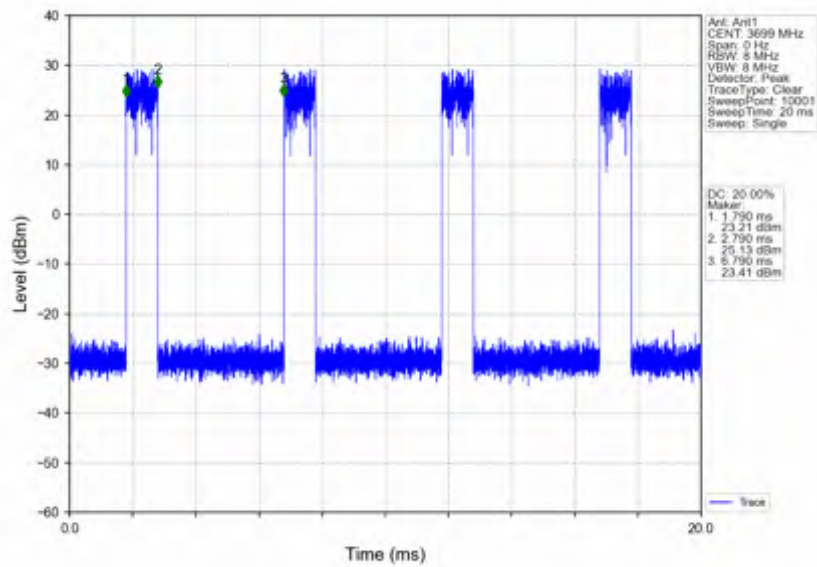
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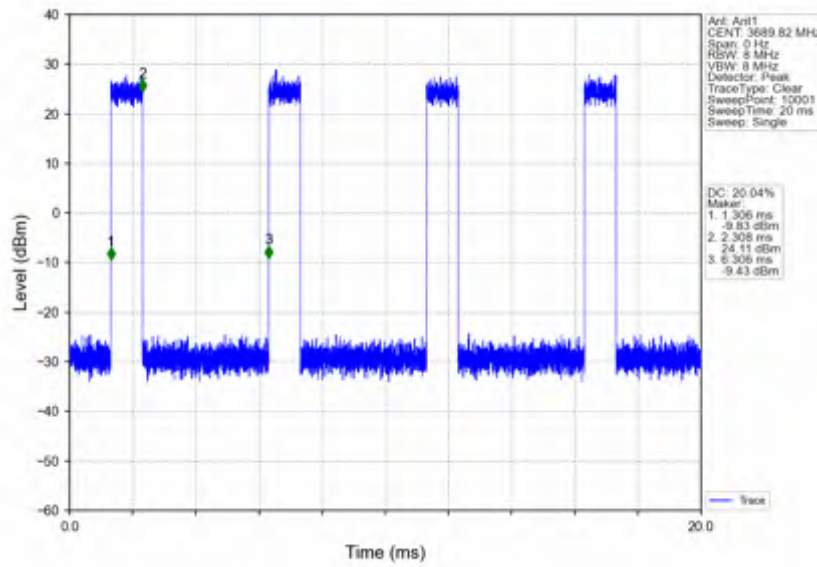
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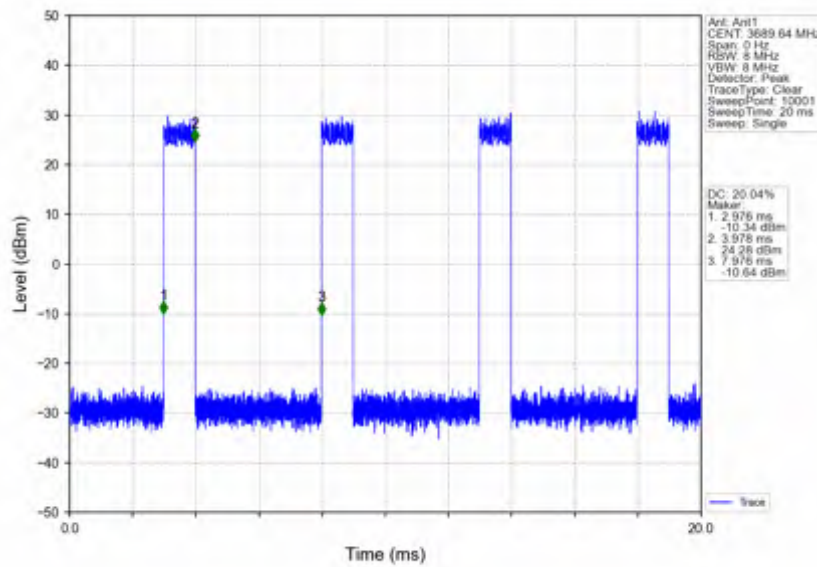
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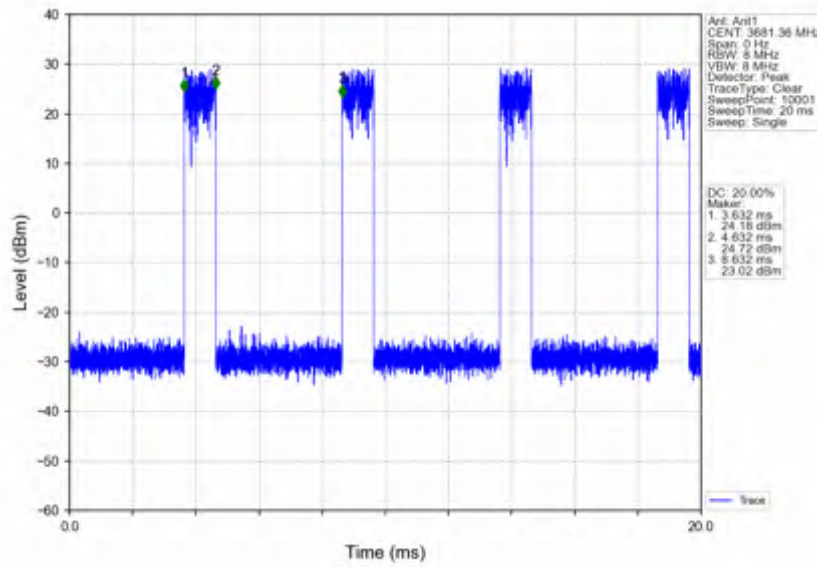
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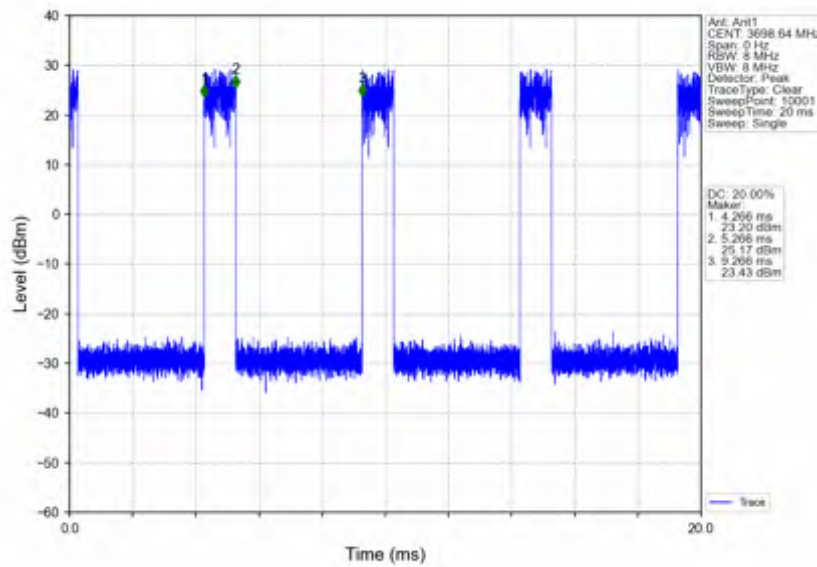
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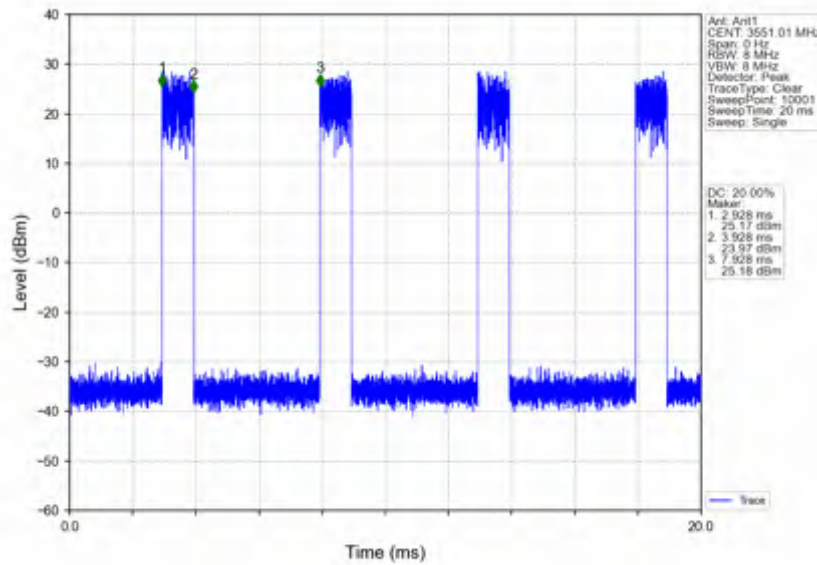
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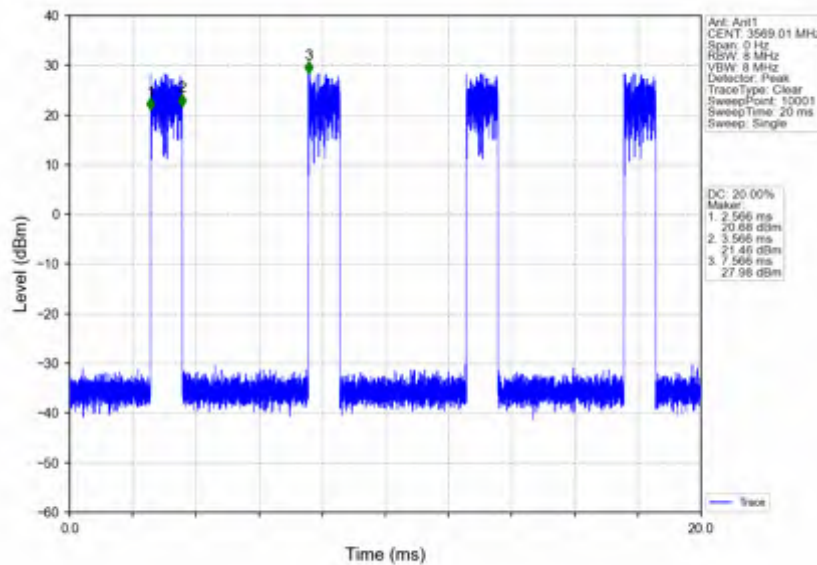
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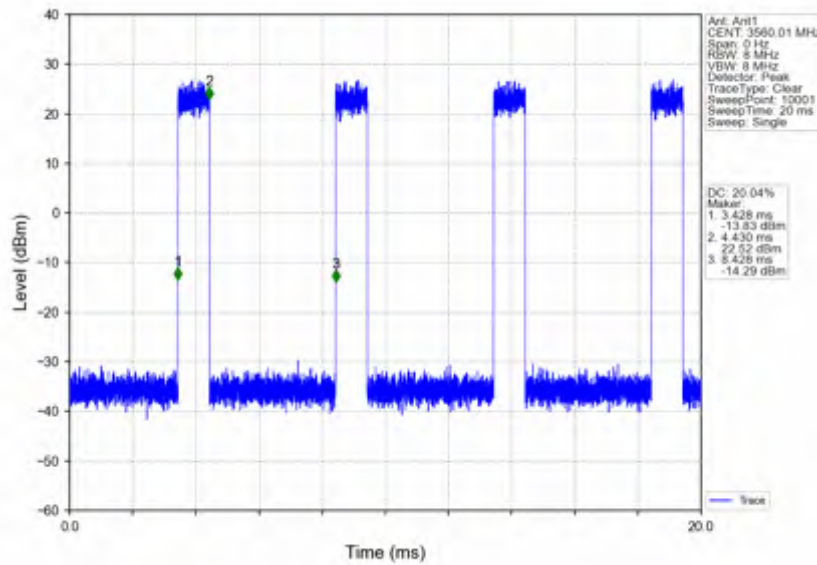
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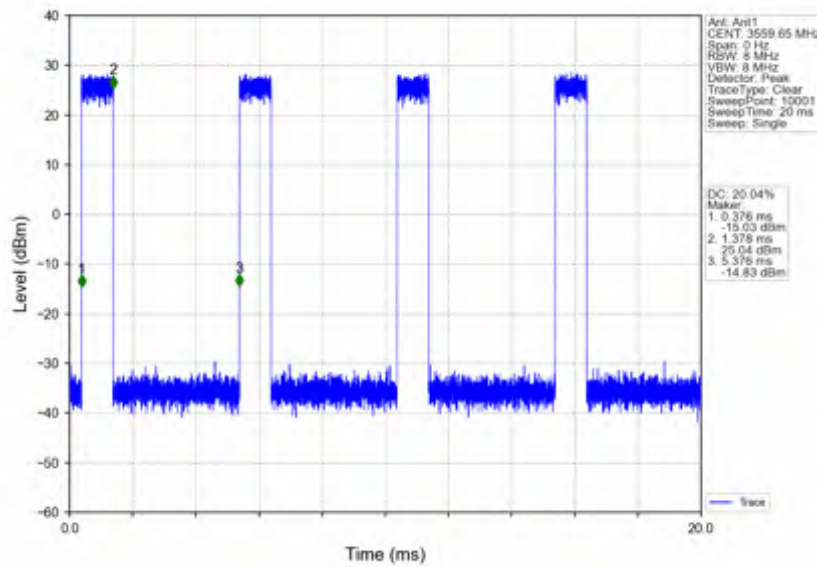
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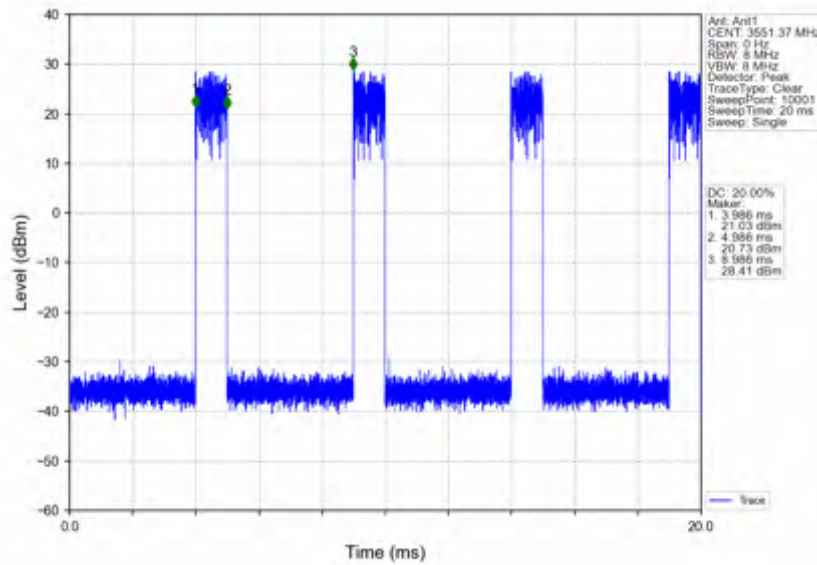
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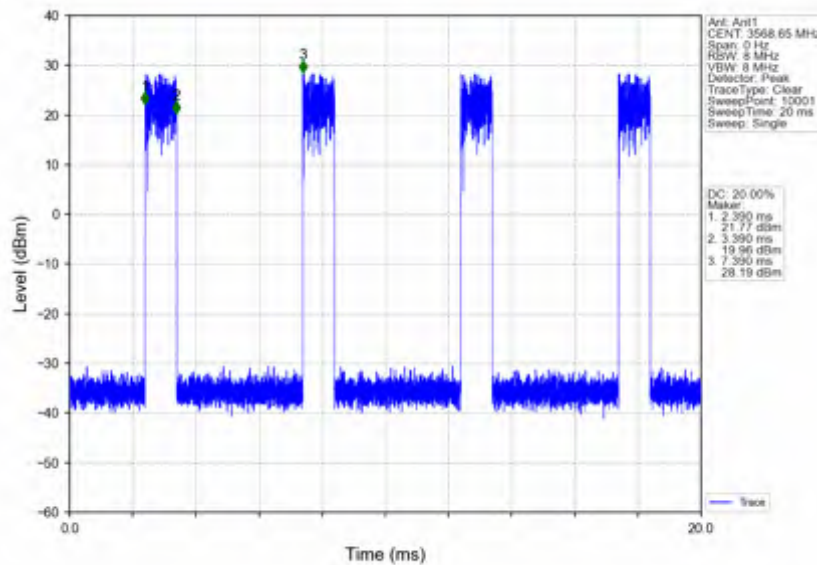
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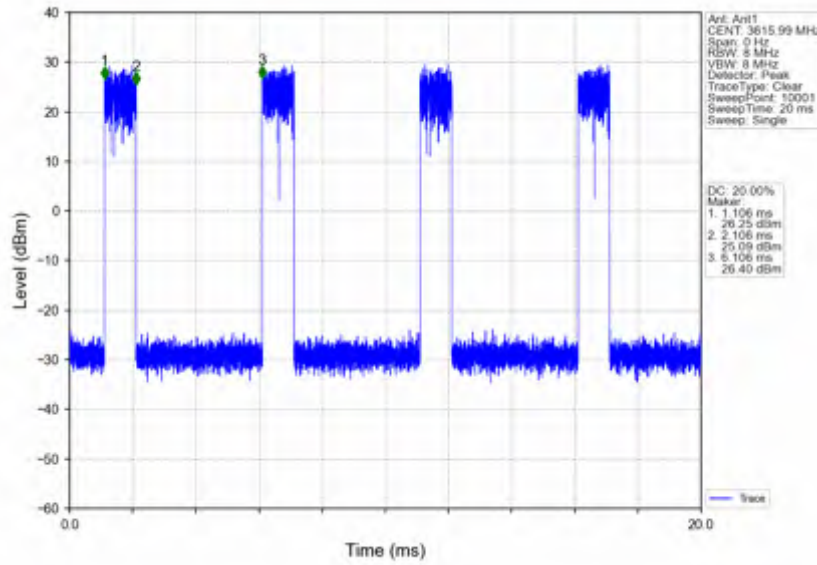
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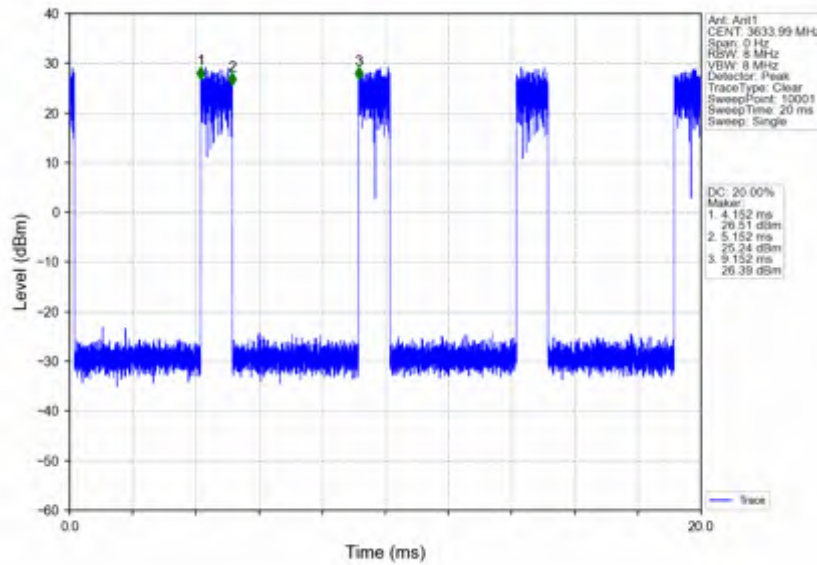
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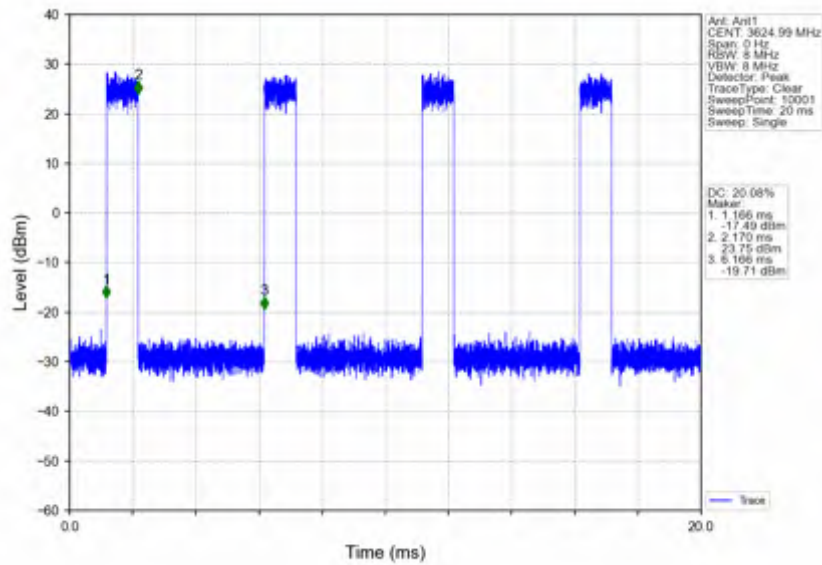
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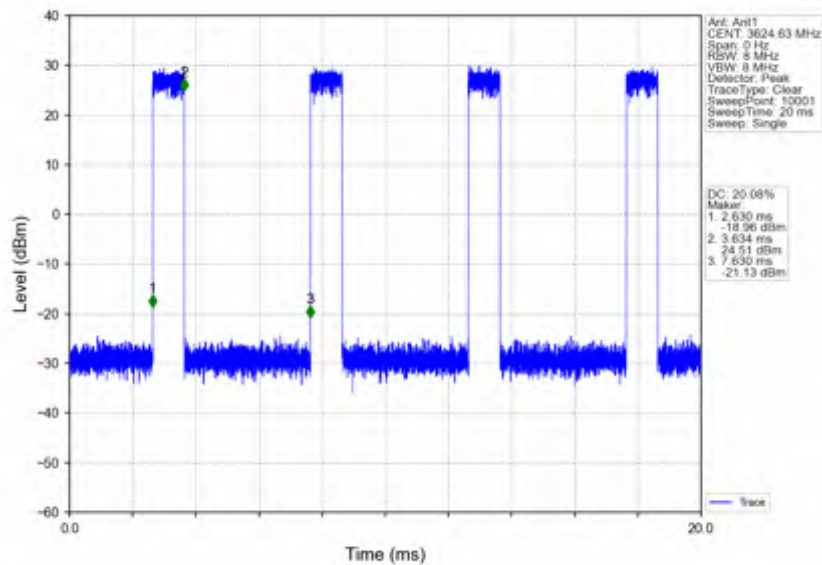
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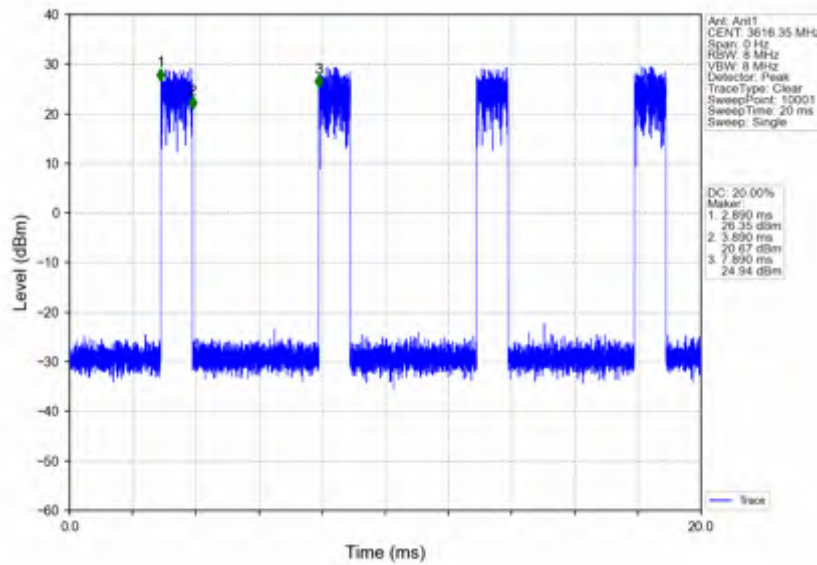
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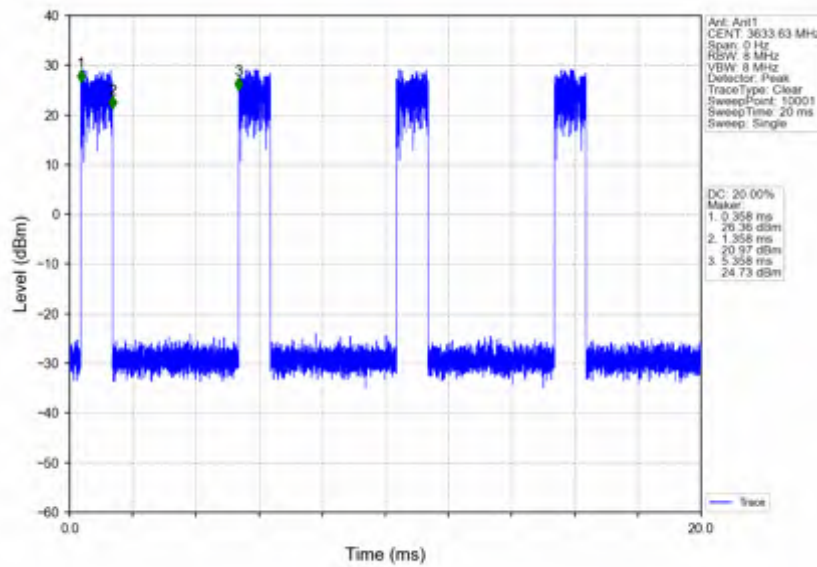
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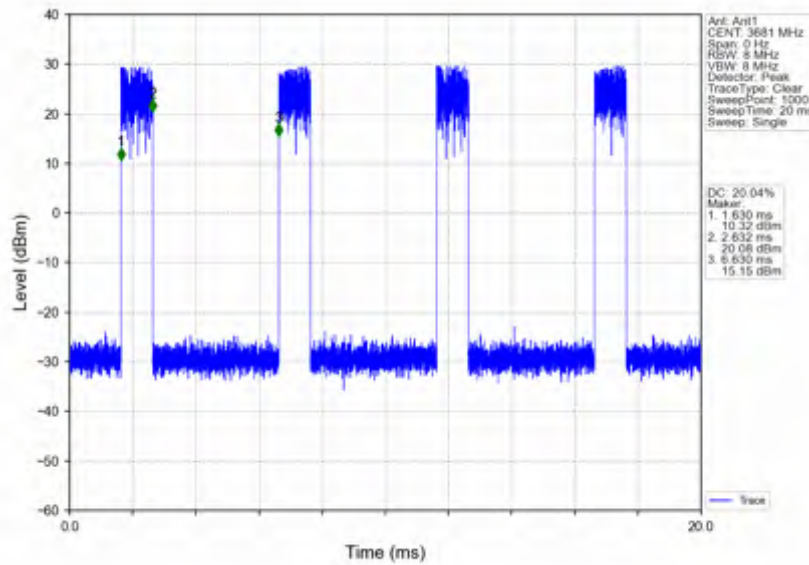
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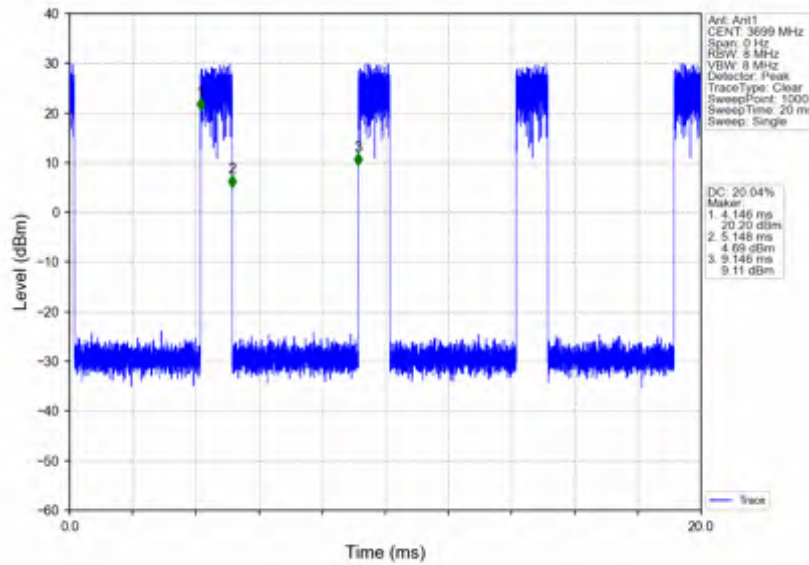
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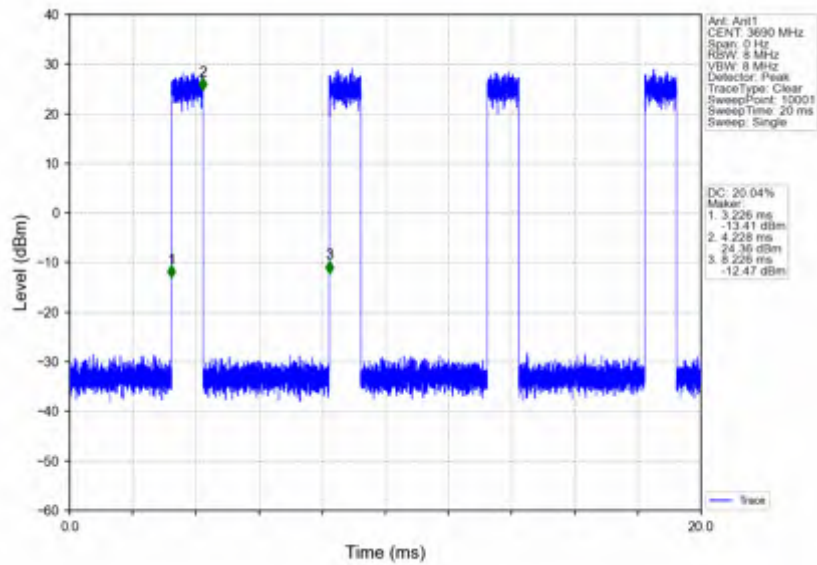
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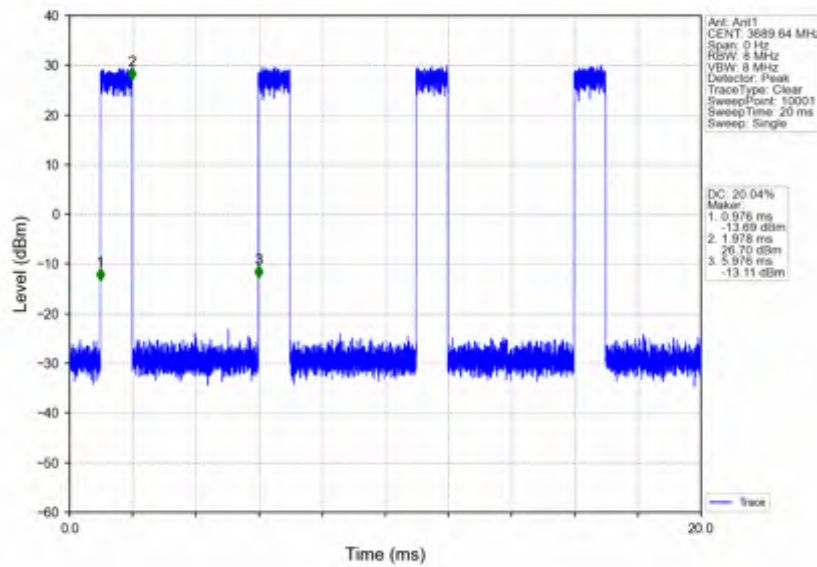
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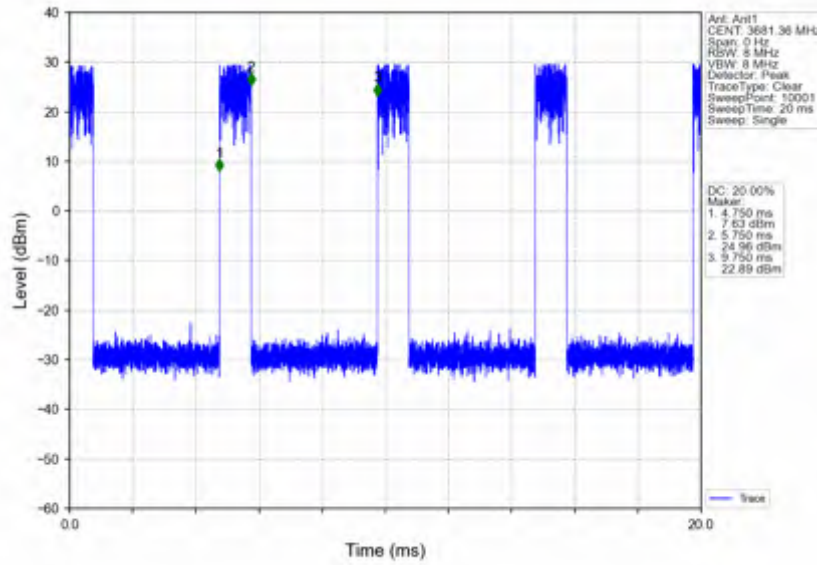
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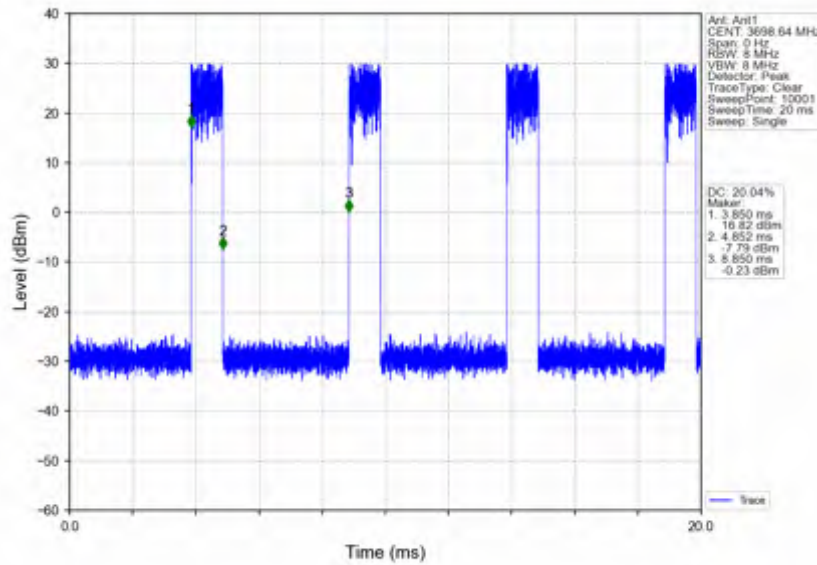
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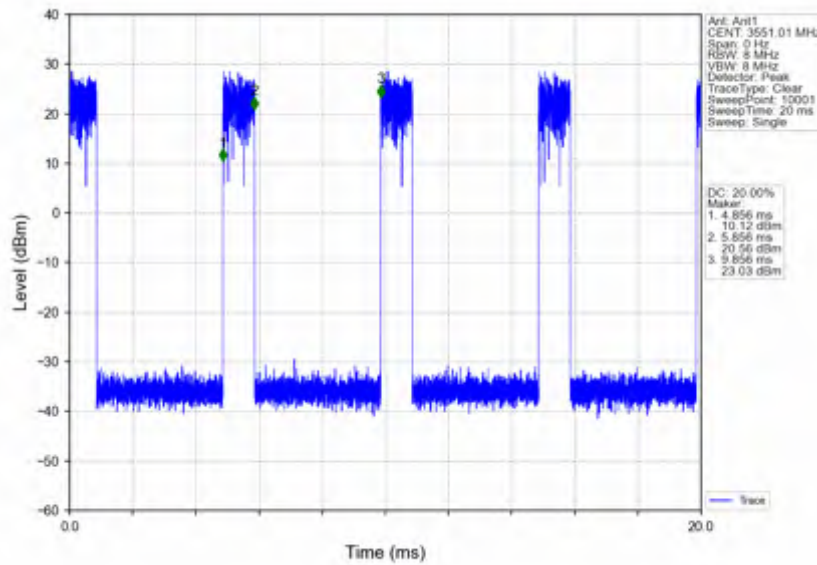
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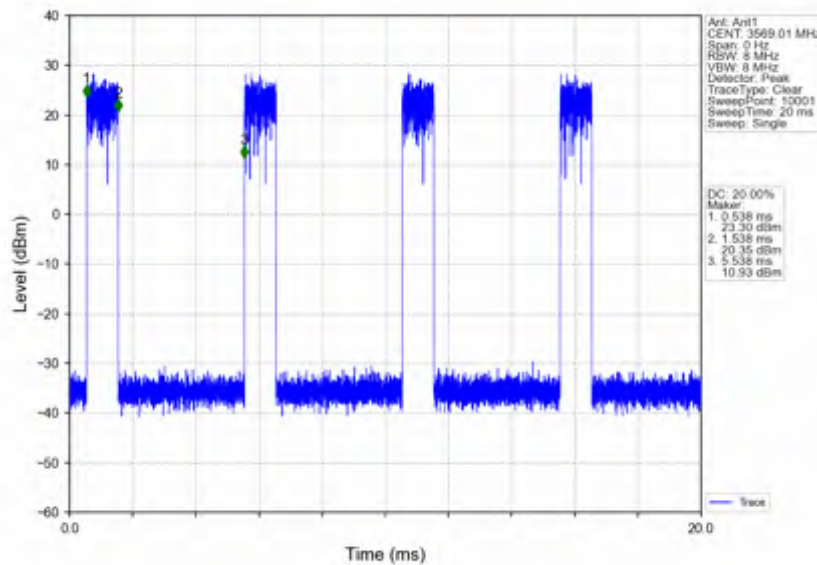
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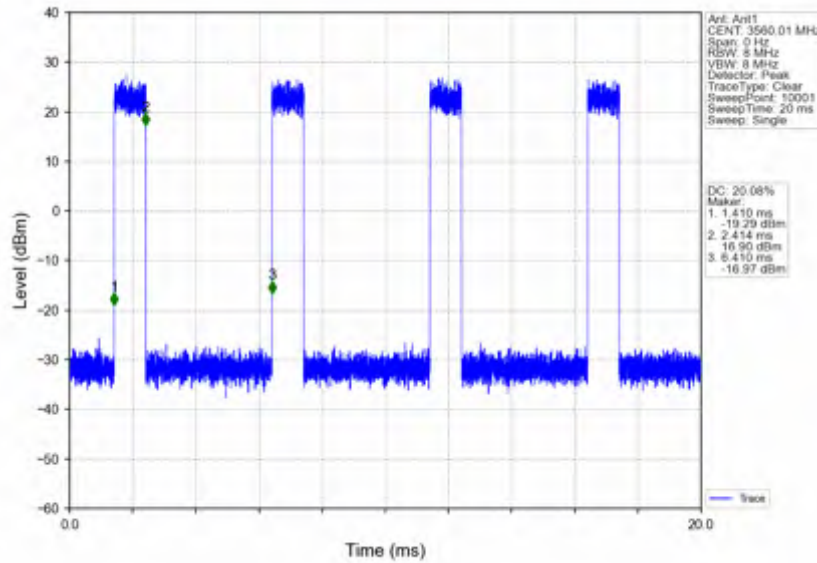
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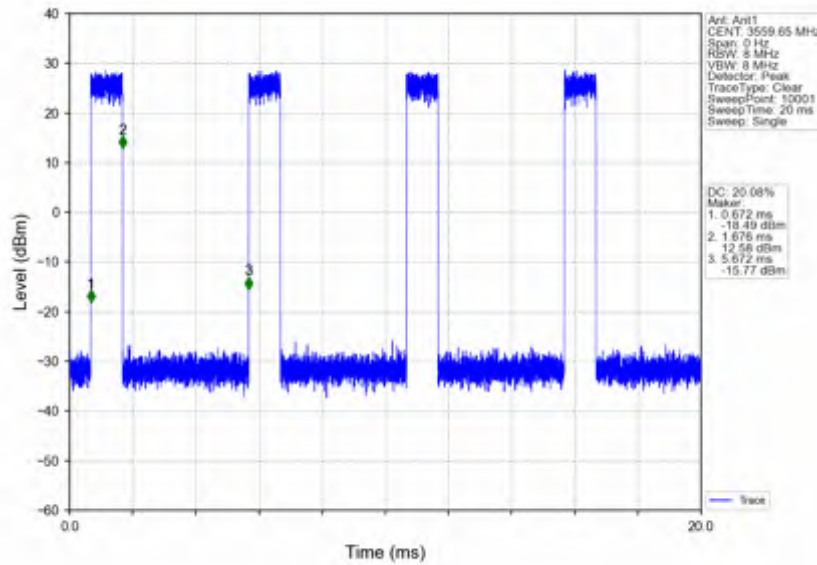
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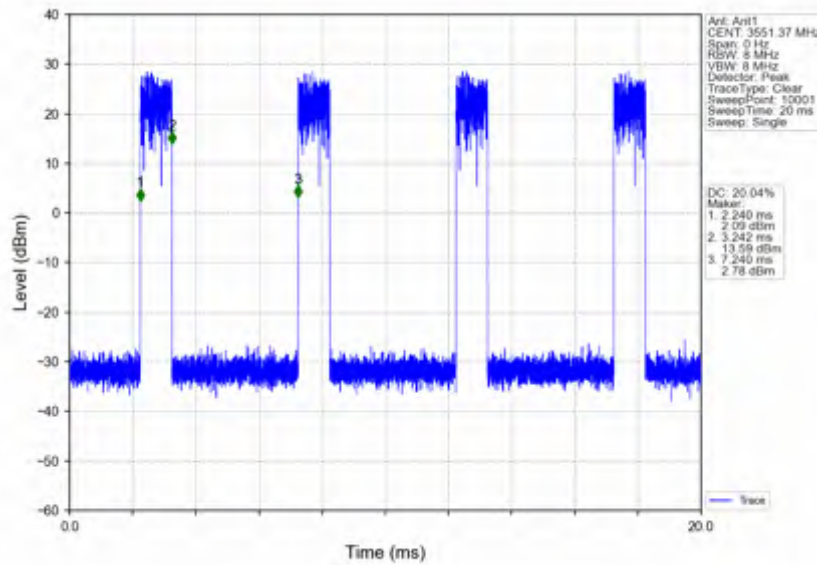
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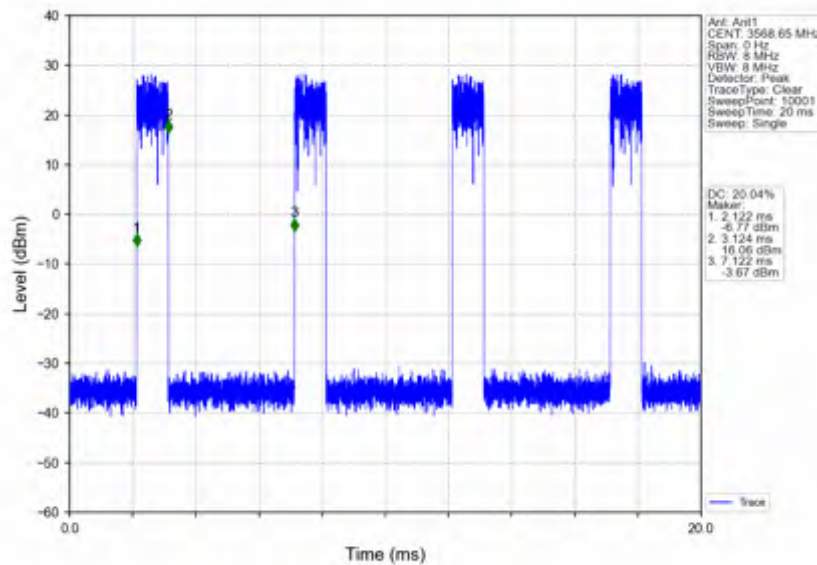
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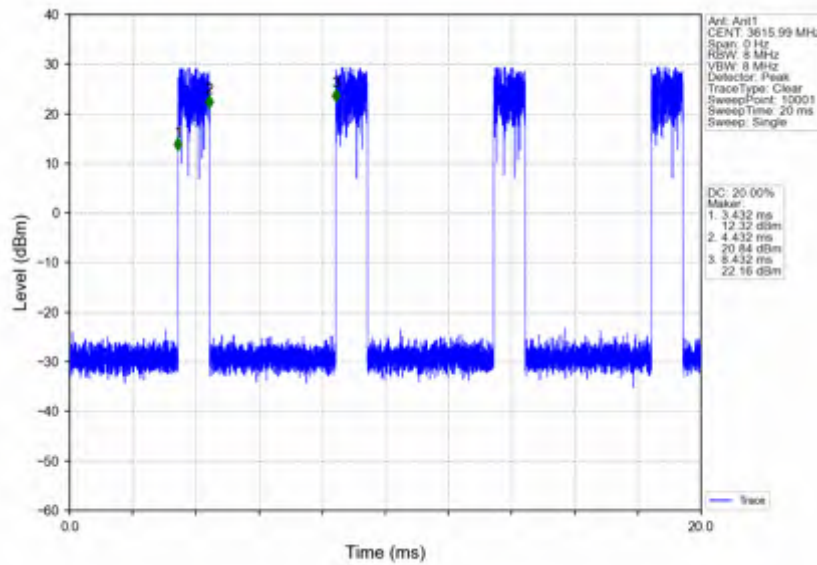
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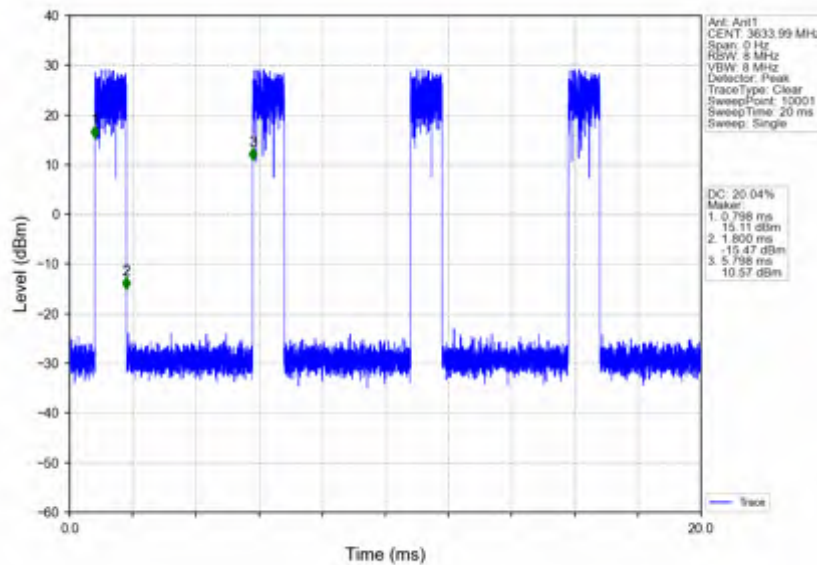
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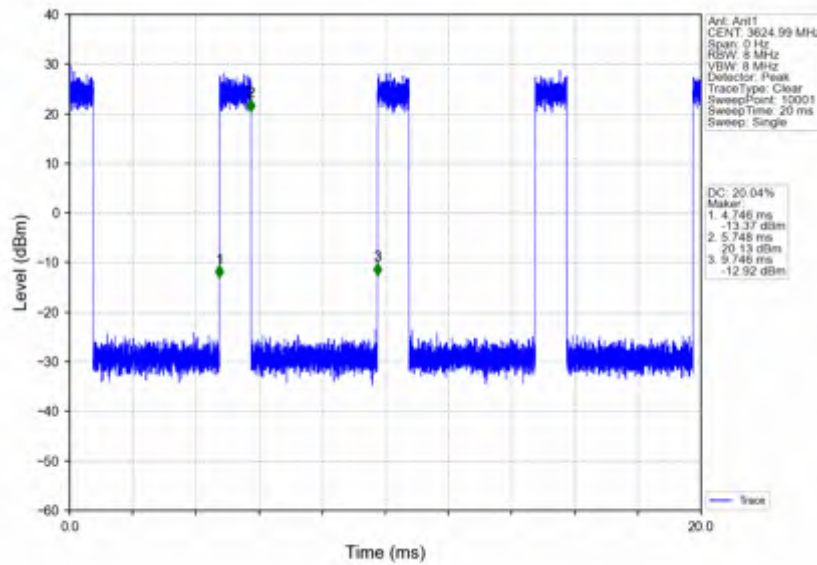
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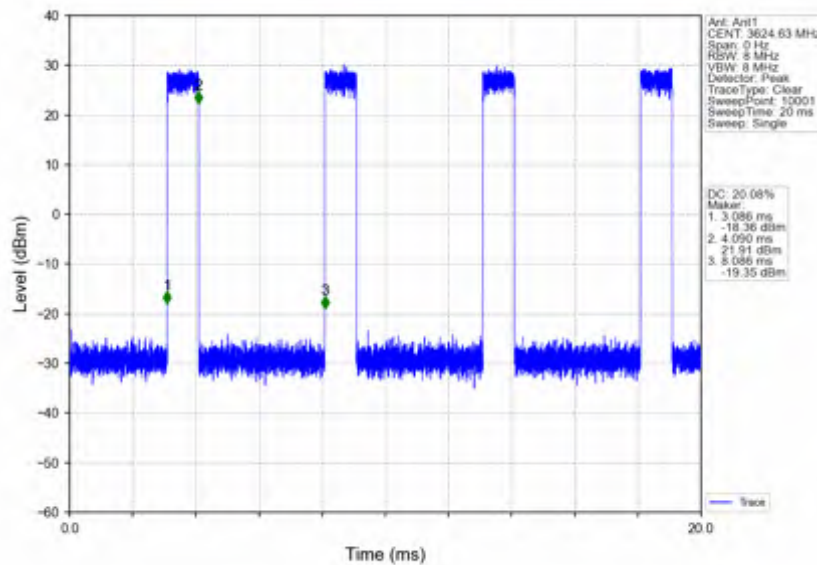
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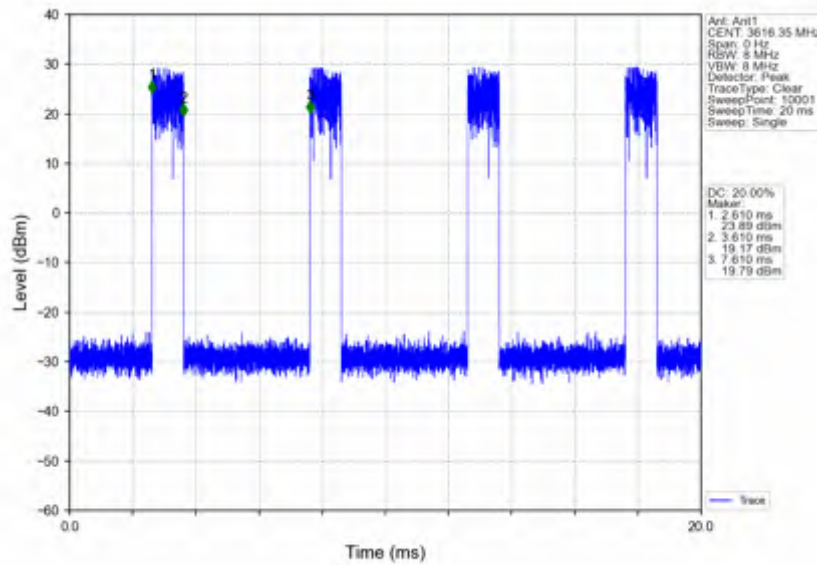
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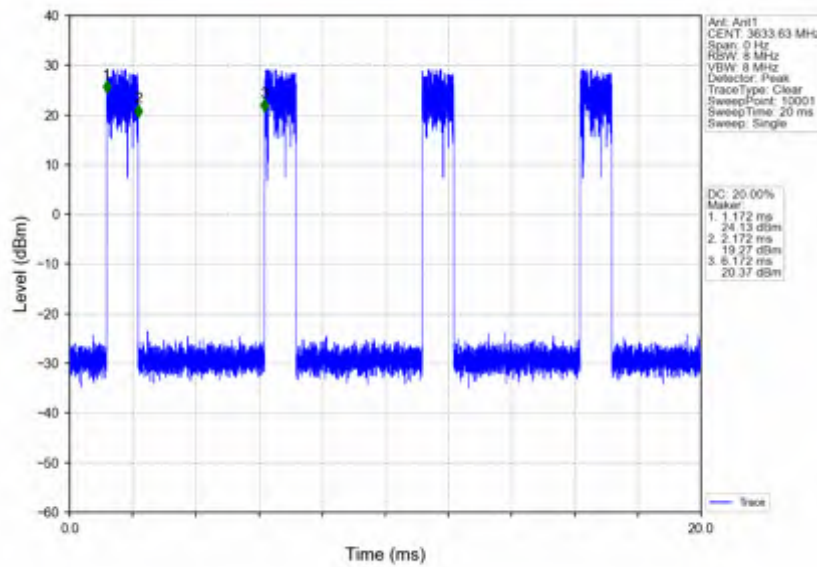
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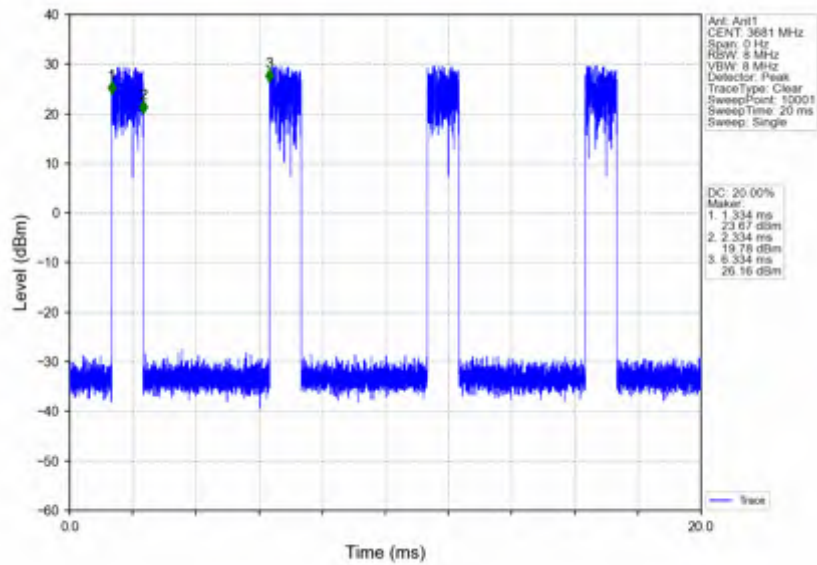
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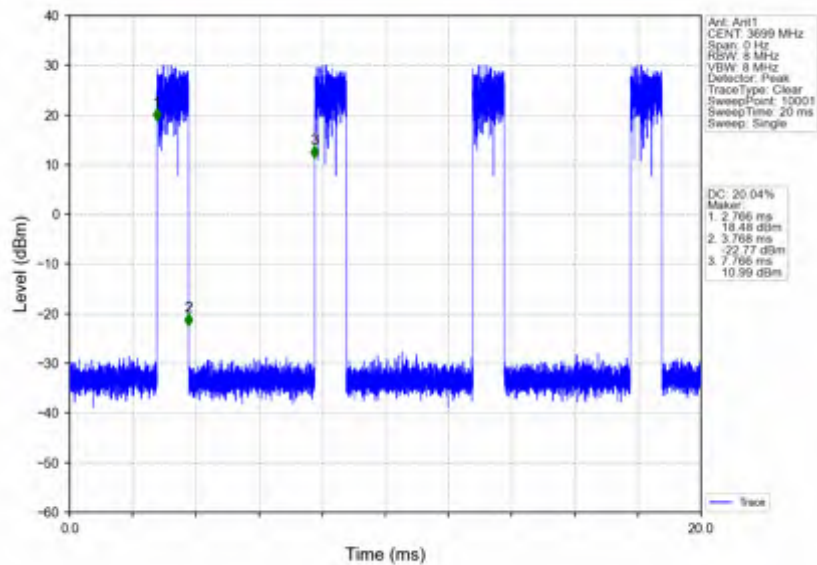
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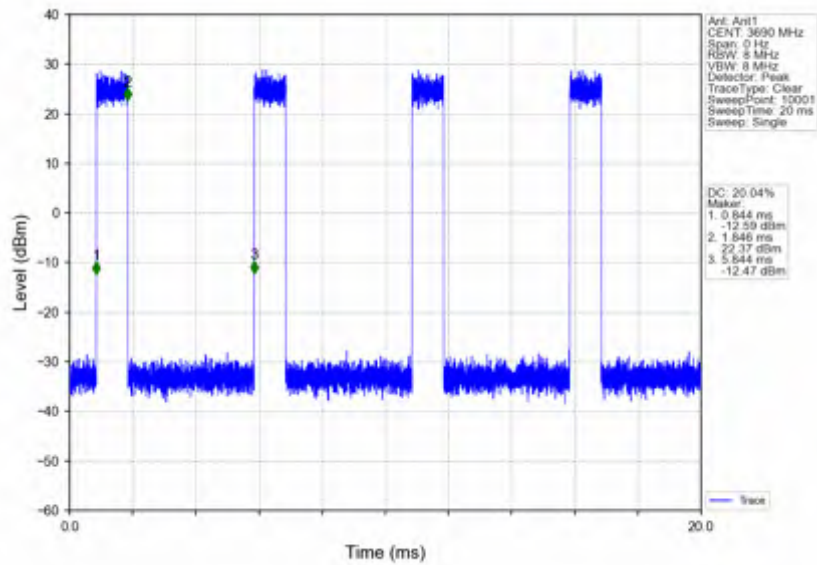
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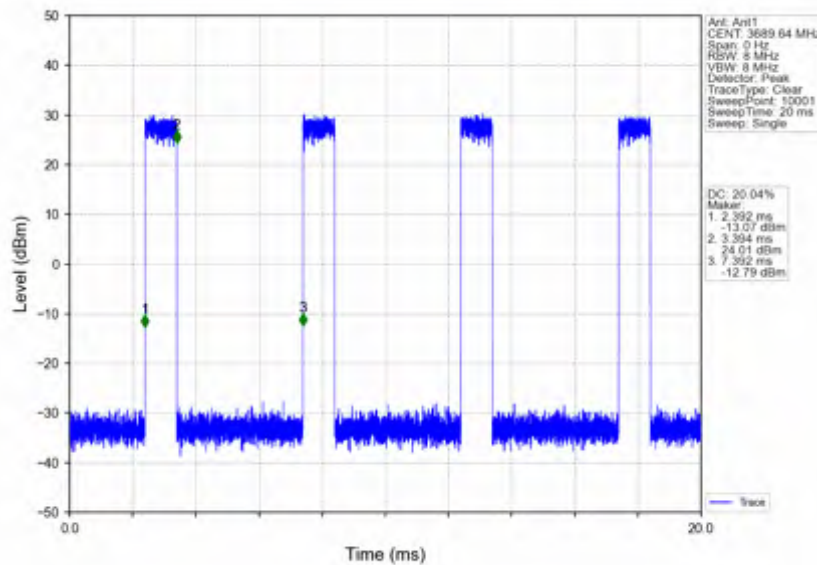
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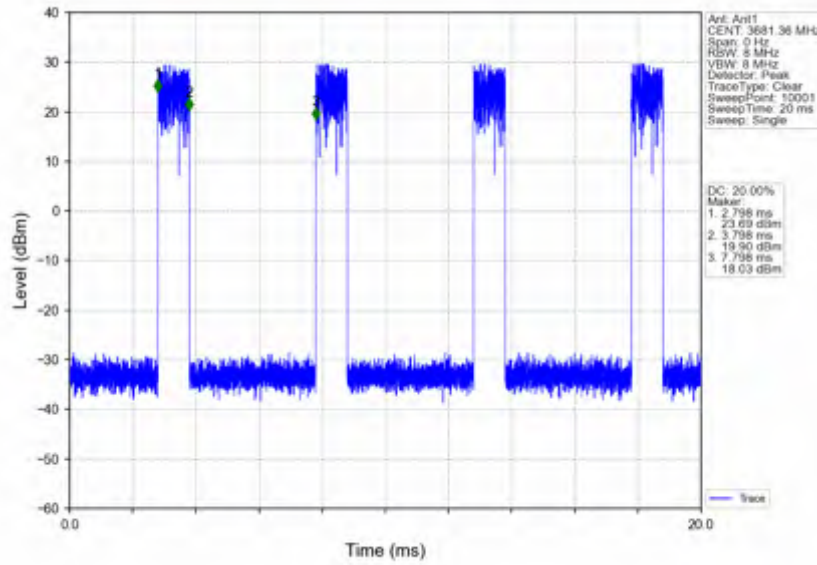
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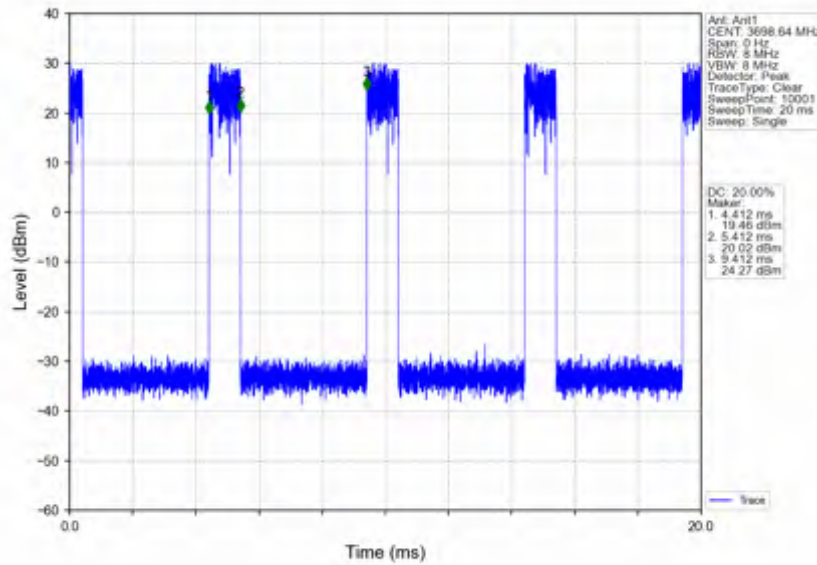
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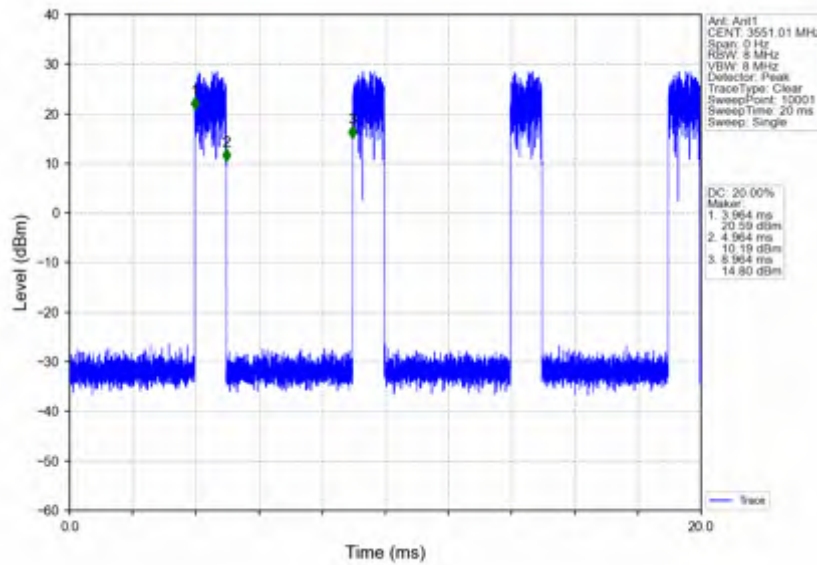
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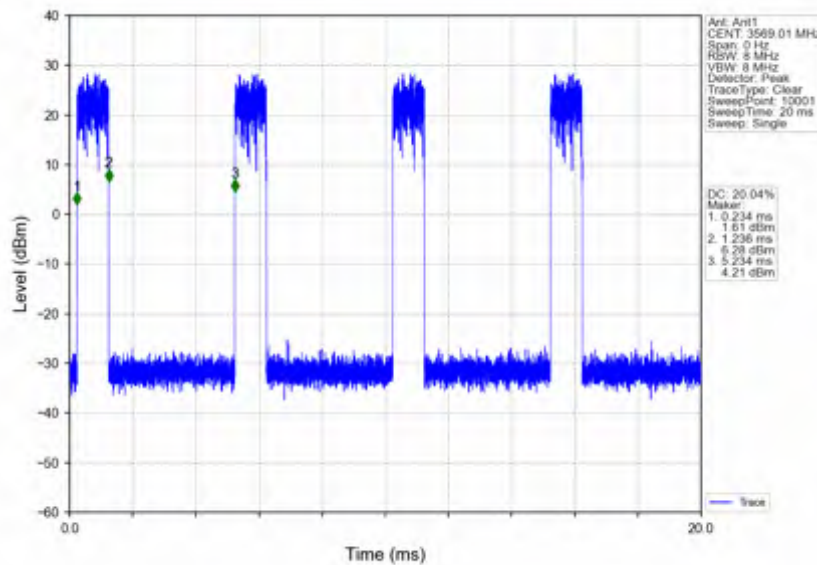
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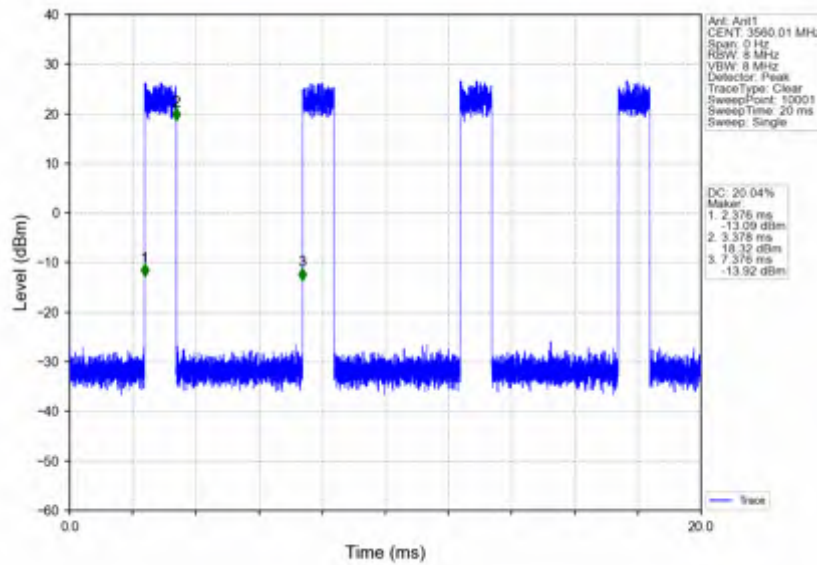
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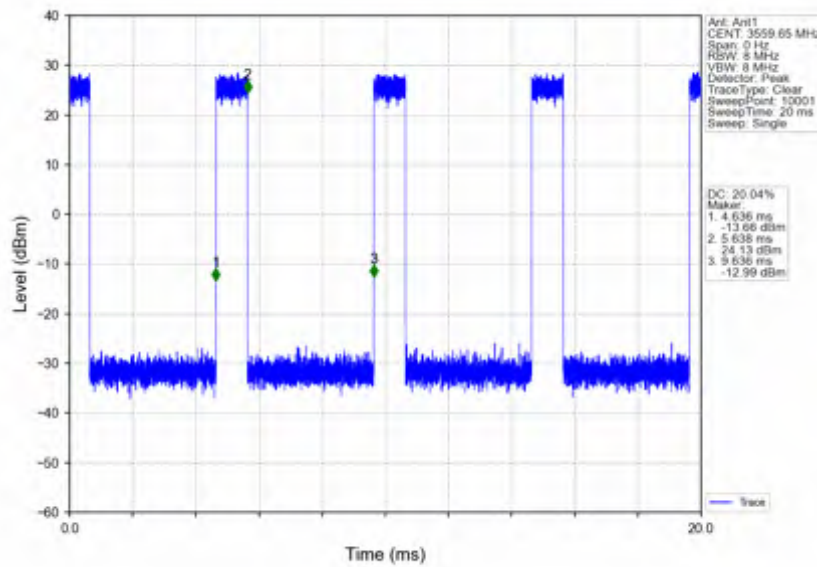
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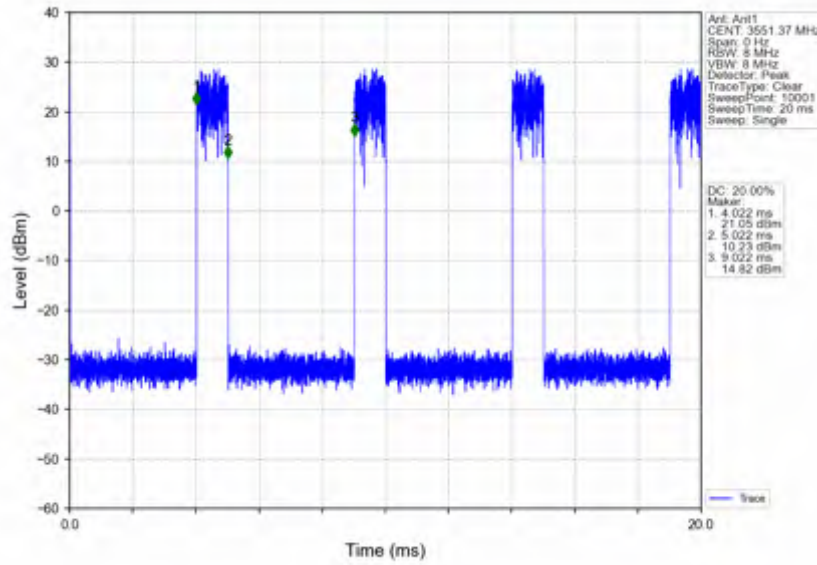
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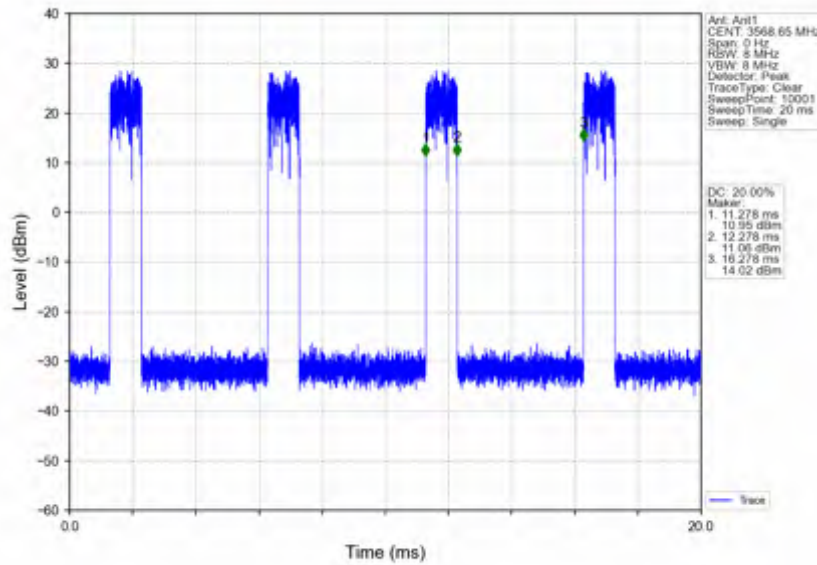
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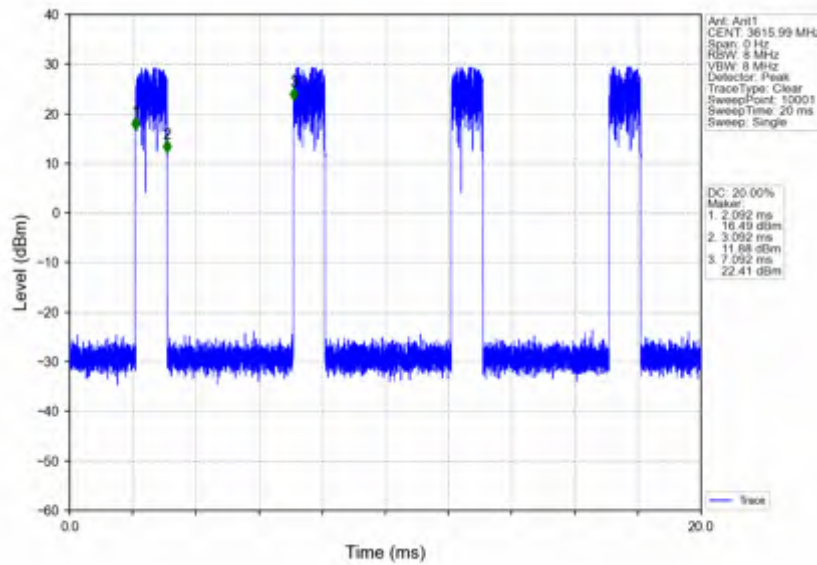
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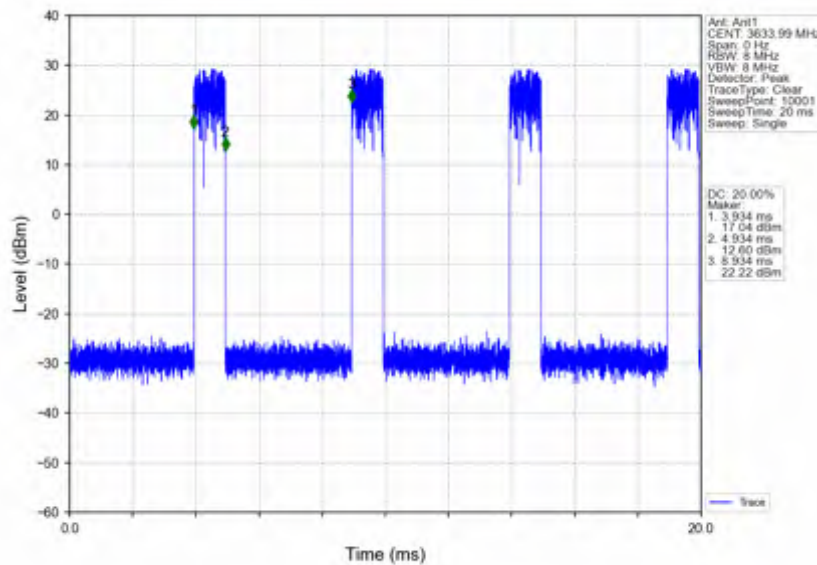
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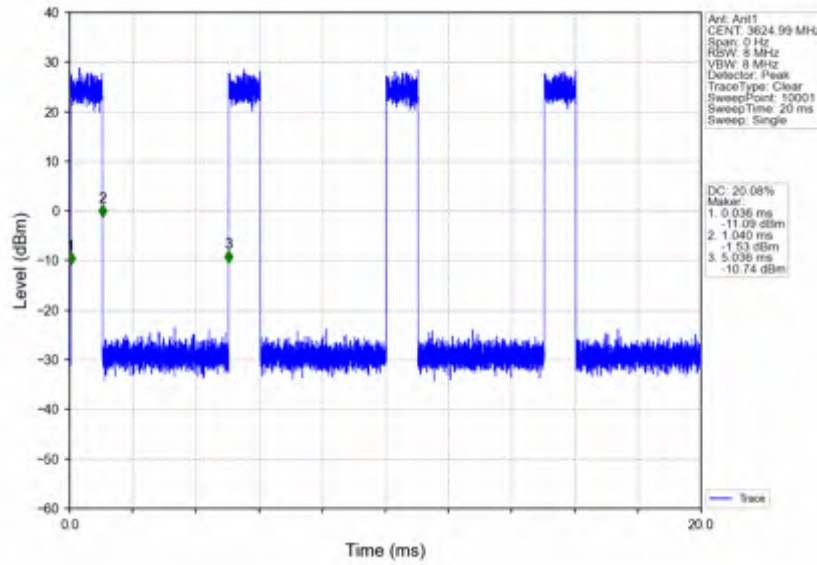
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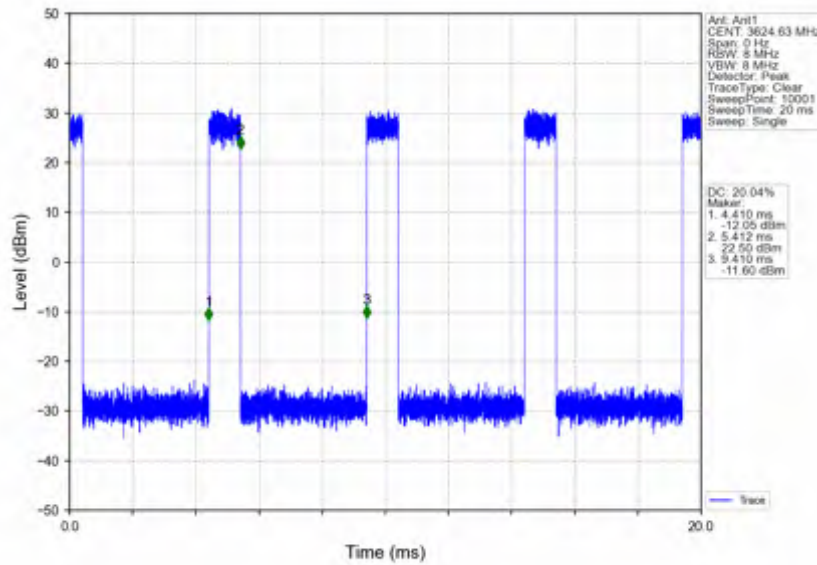
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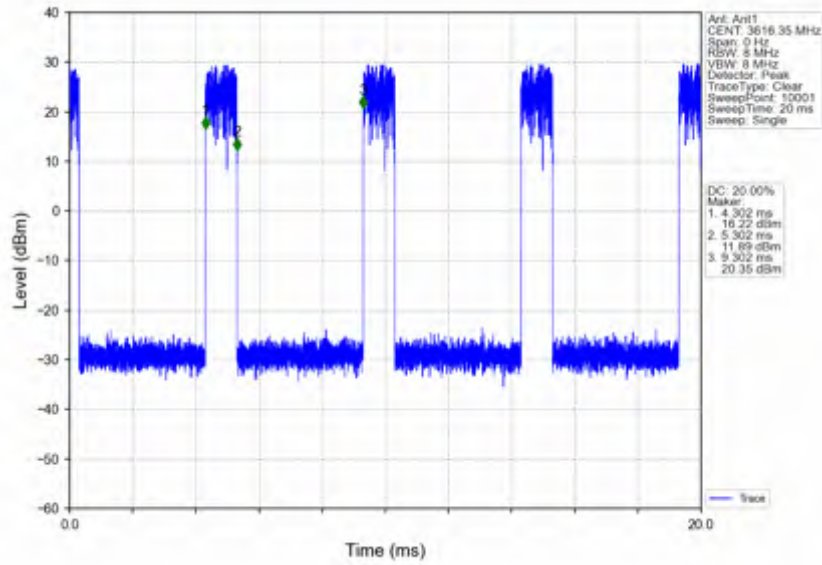
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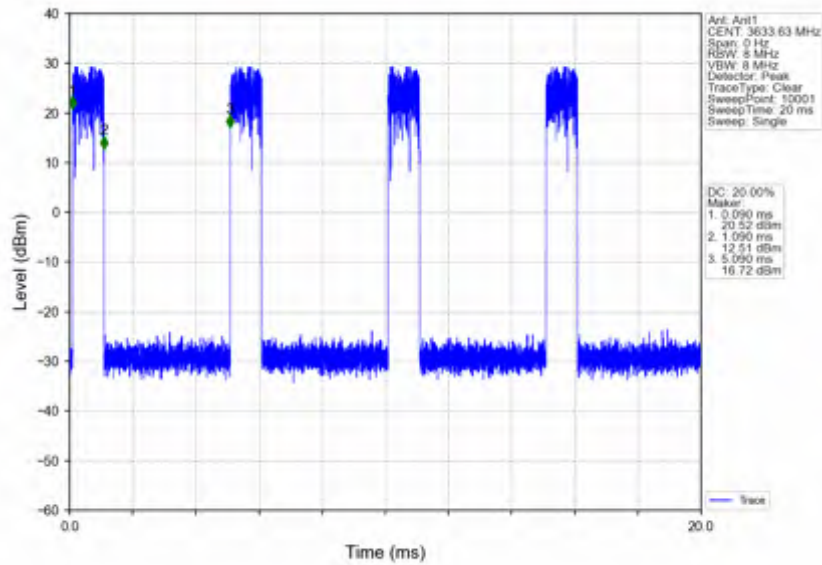
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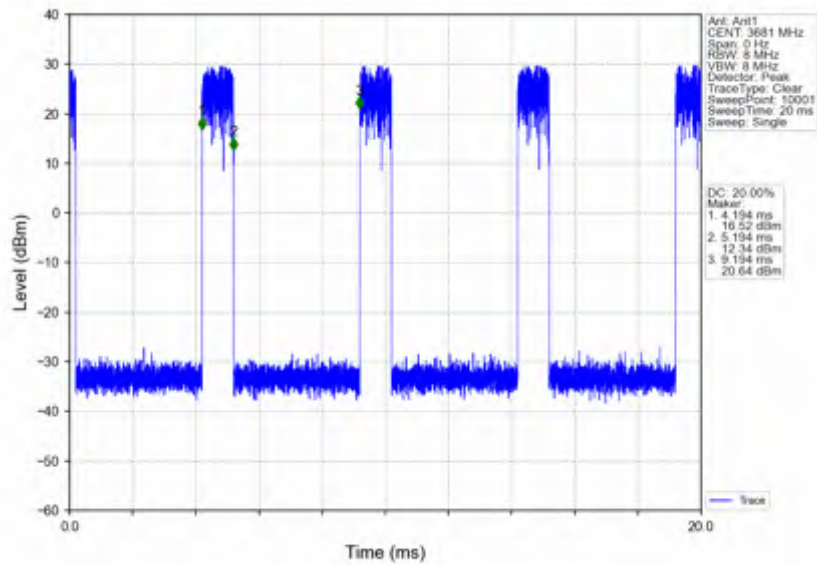
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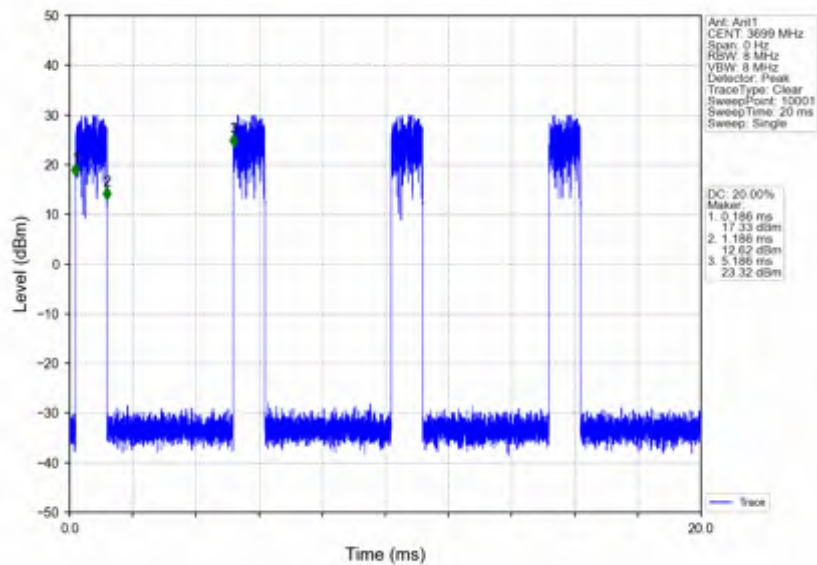
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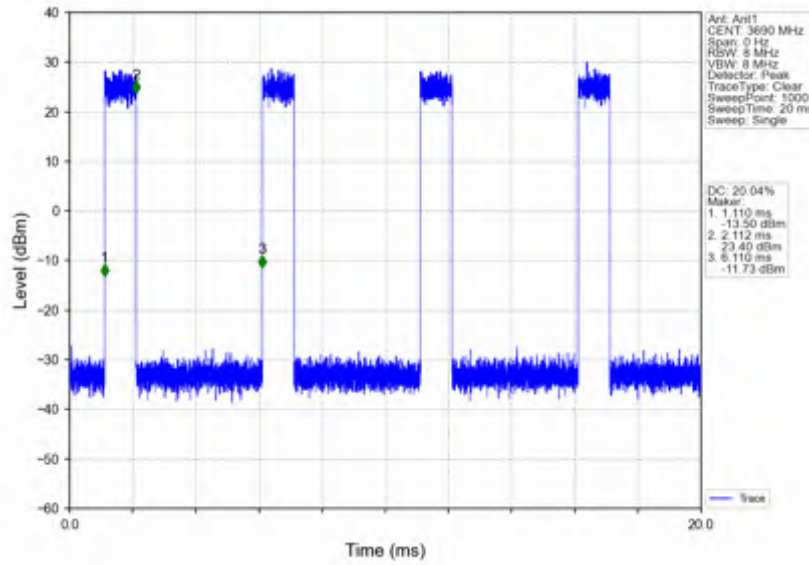
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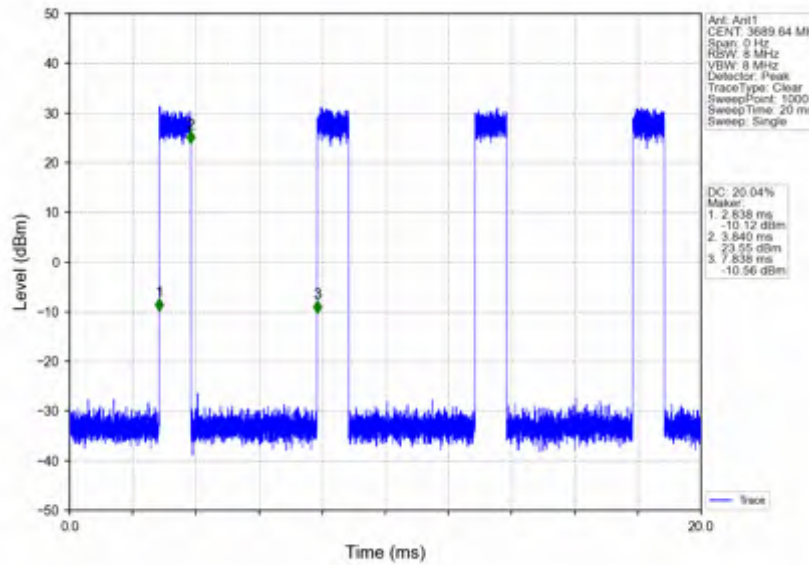
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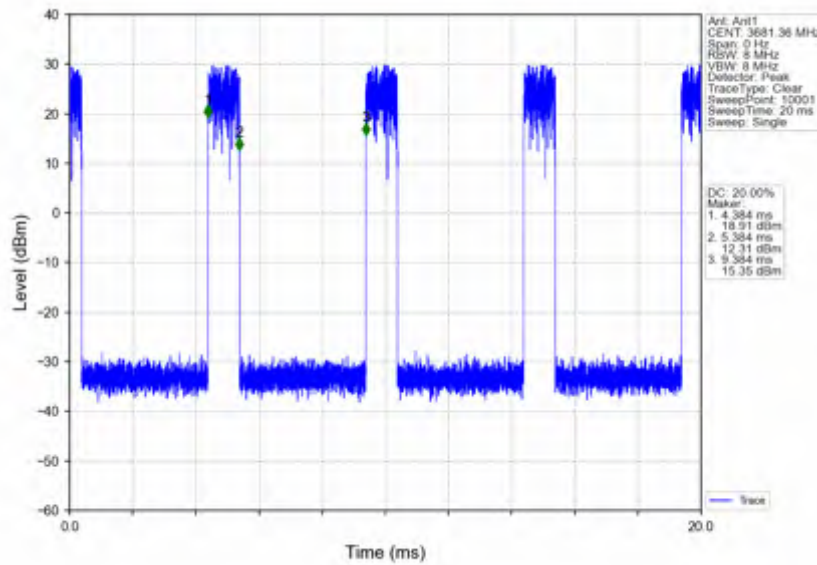
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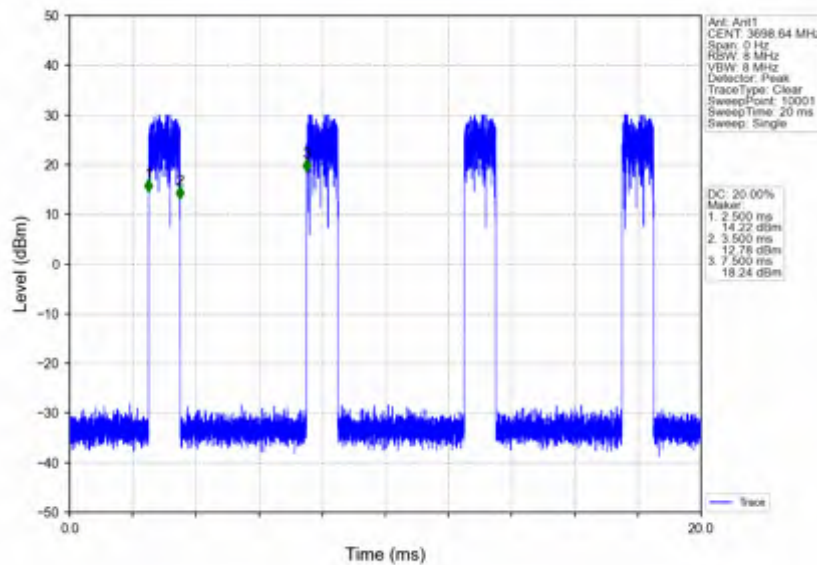
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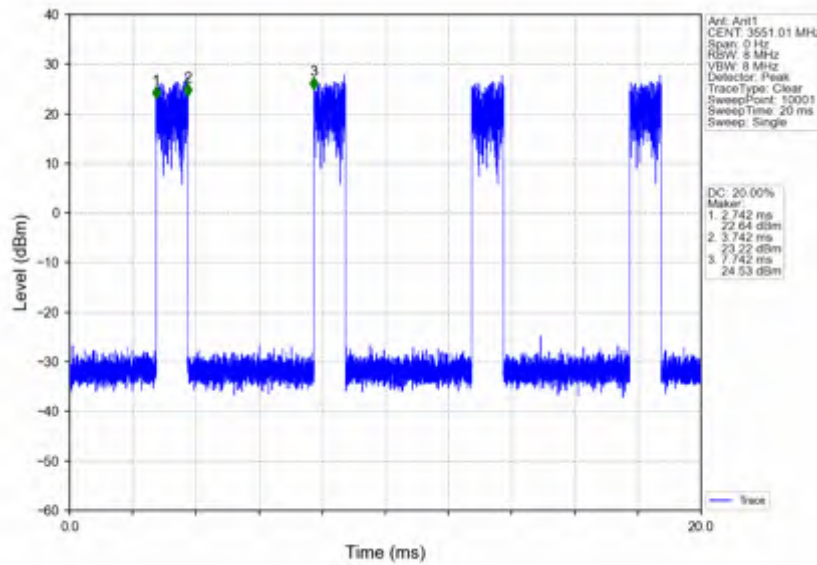
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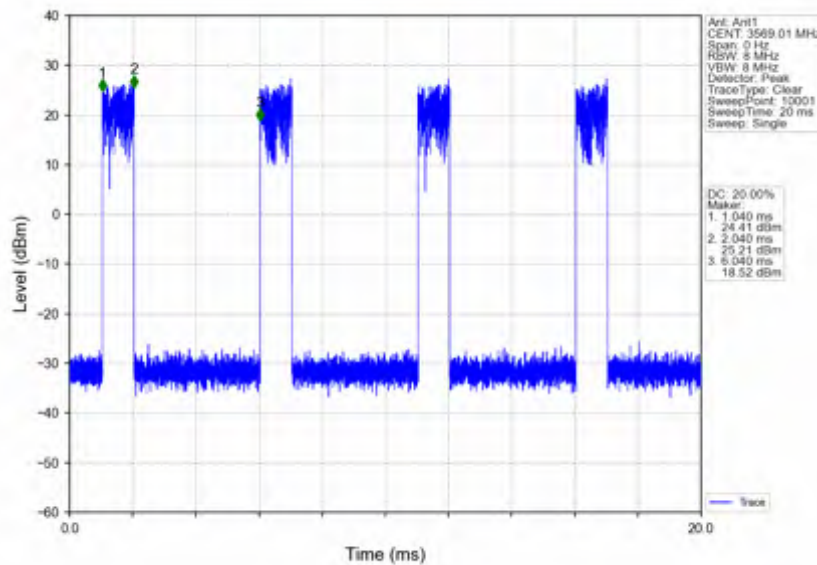
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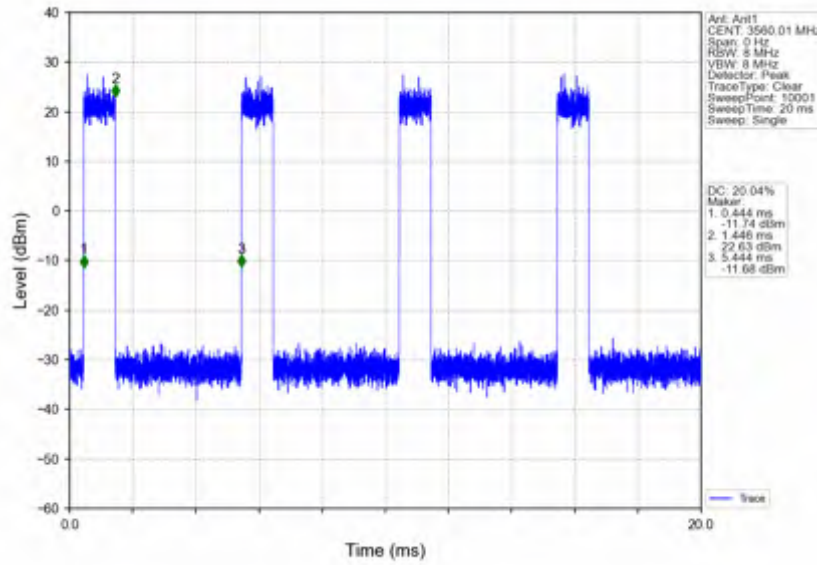
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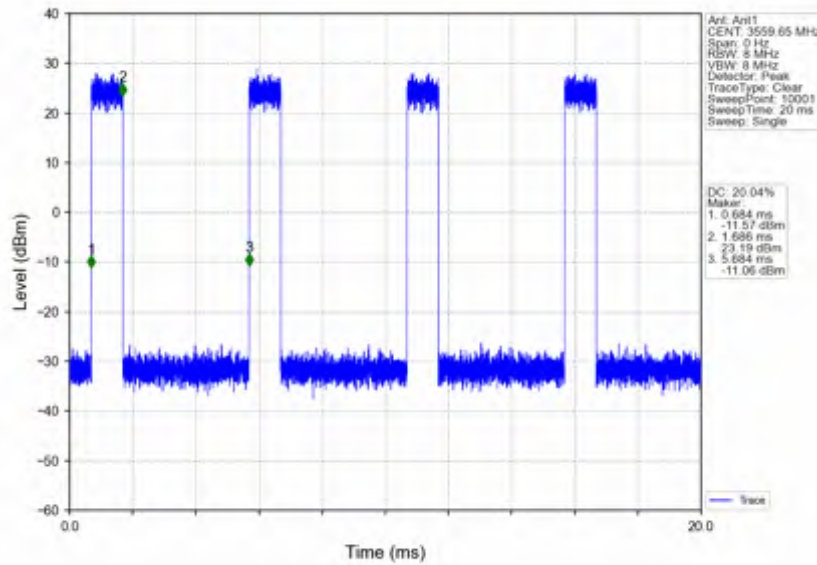
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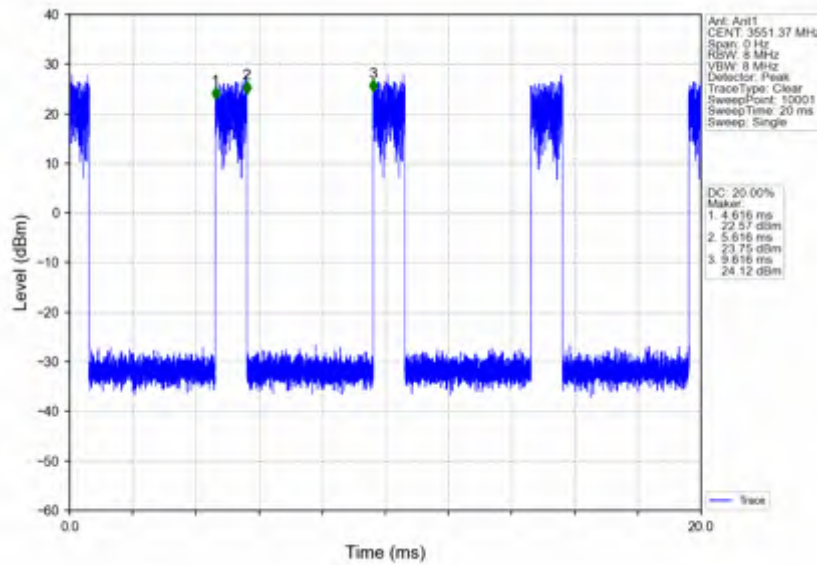
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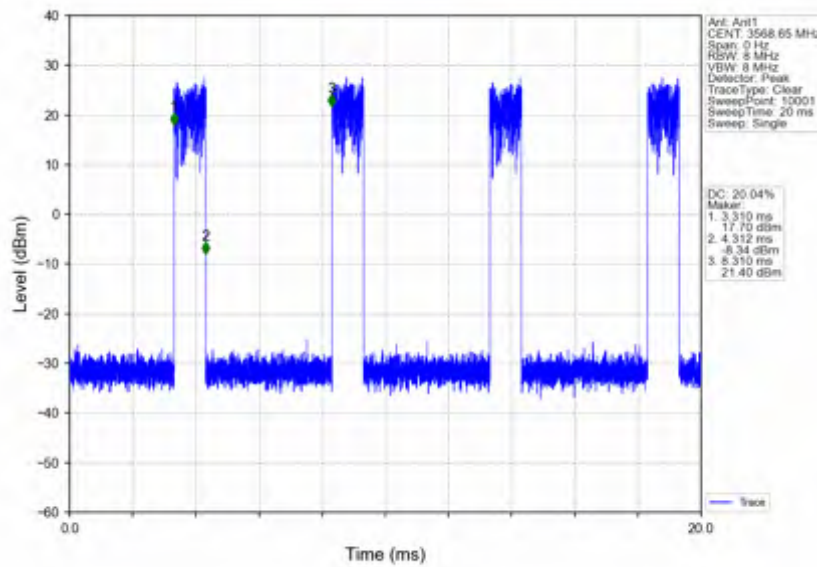
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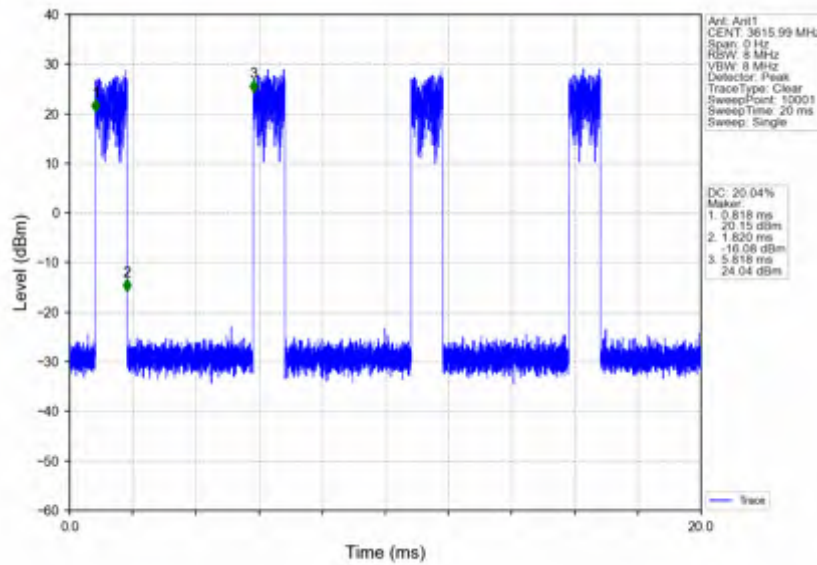
n78(3550-3700MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3560.01MHz_Inner_1RB_Left



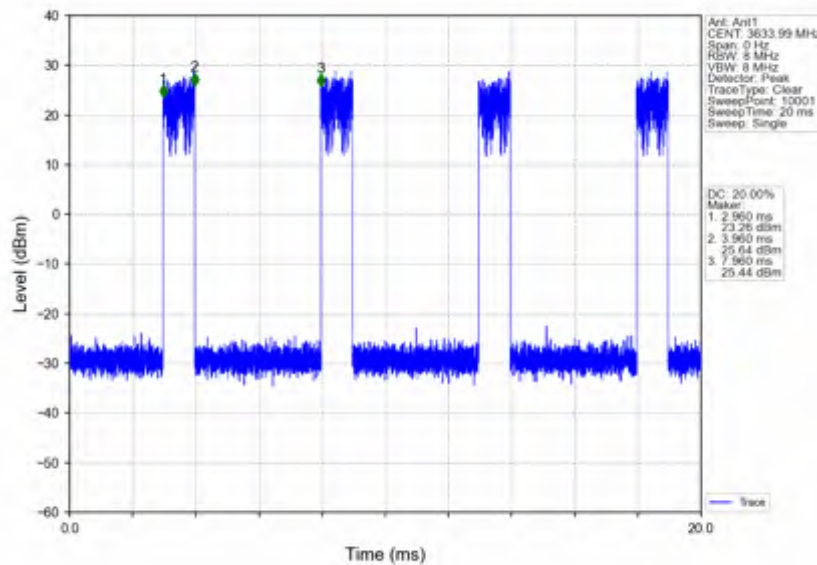
n78(3550-3700MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3560.01MHz_Inner_1RB_Right



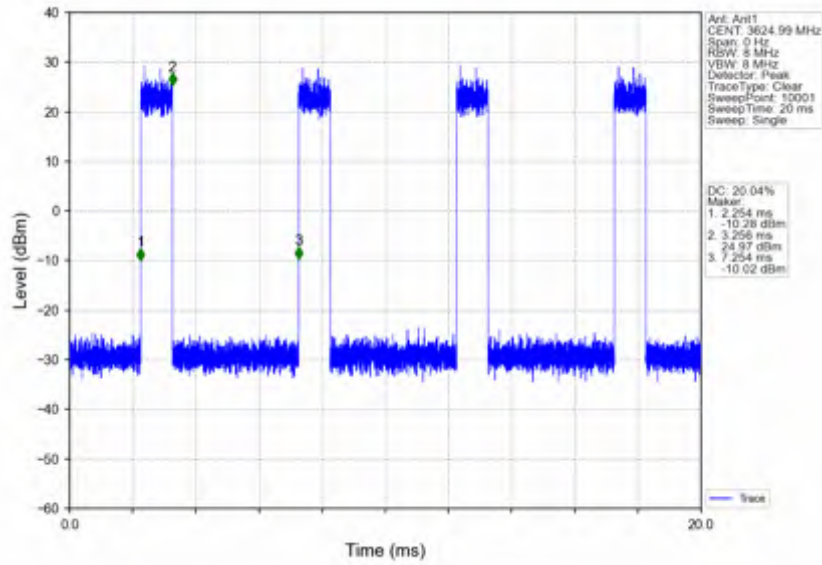
n78(3550-3700MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3624.99MHz_Edge_1RB_Left



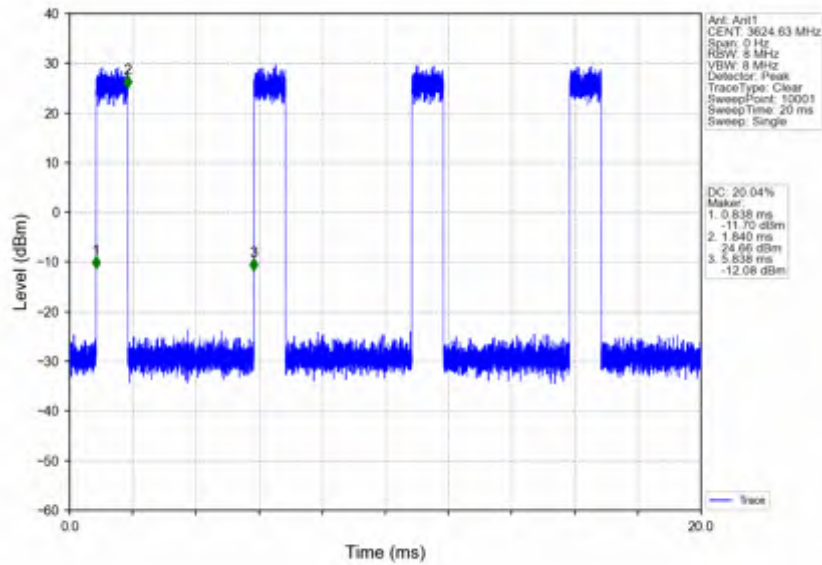
n78(3550-3700MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3624.99MHz_Edge_1RB_Right



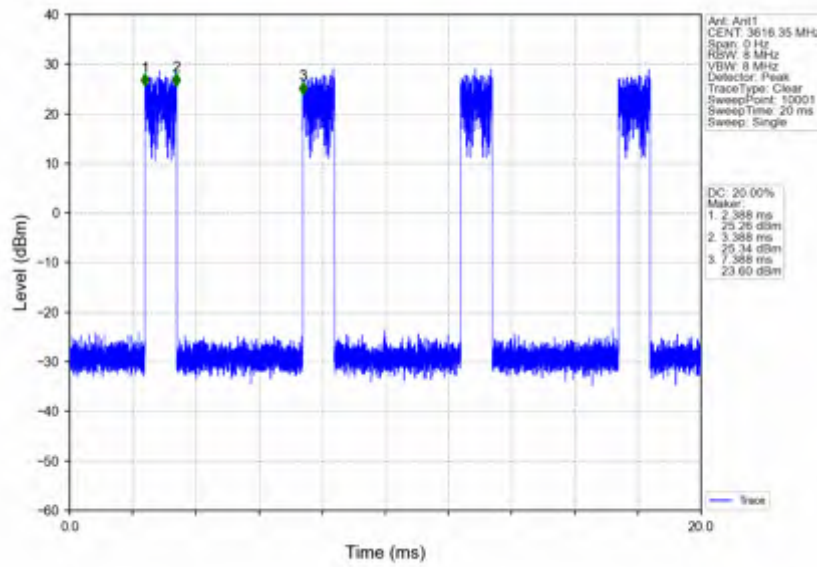
n78(3550-3700MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3624.99MHz_Outer_Full



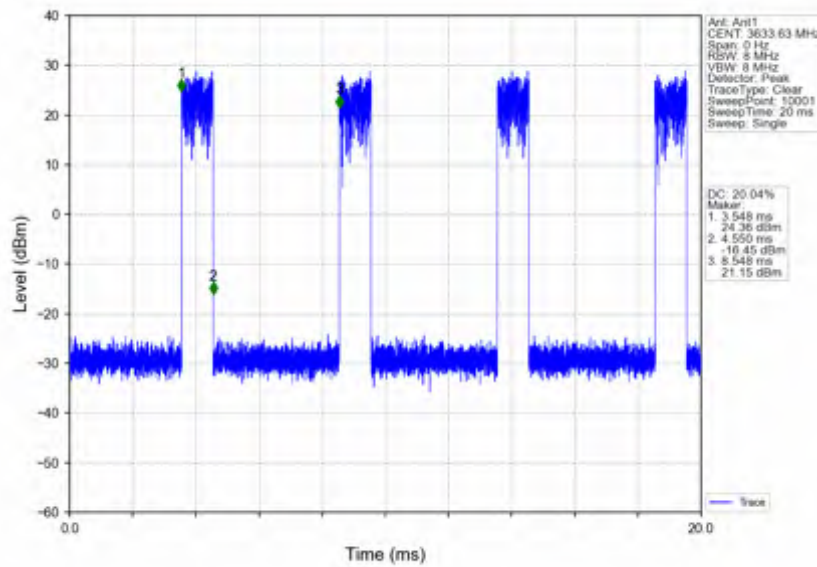
n78(3550-3700MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3624.99MHz_Inner_Full



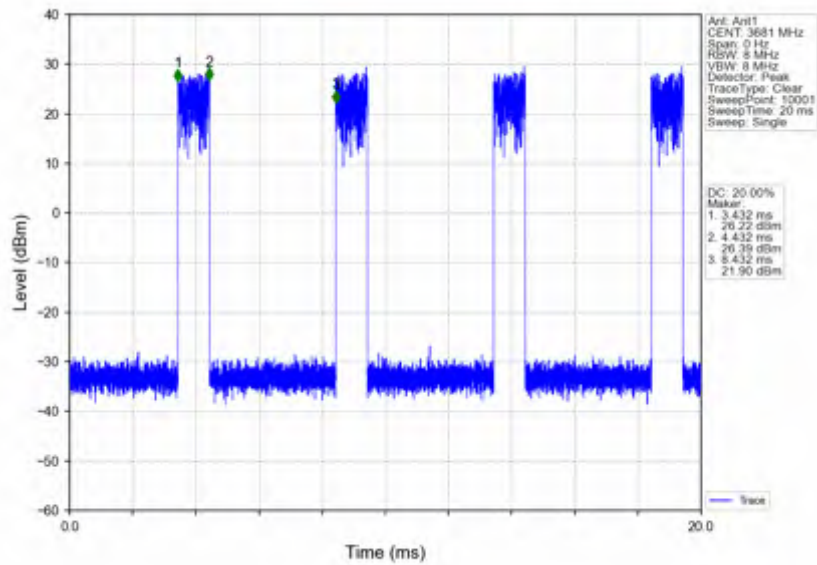
n78(3550-3700MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3624.99MHz_Inner_1RB_Left



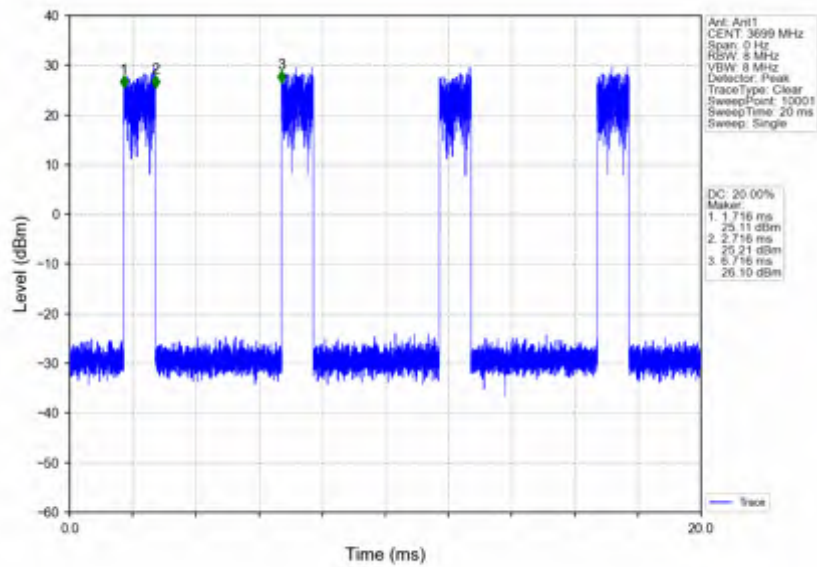
n78(3550-3700MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3624.99MHz_Inner_1RB_Right



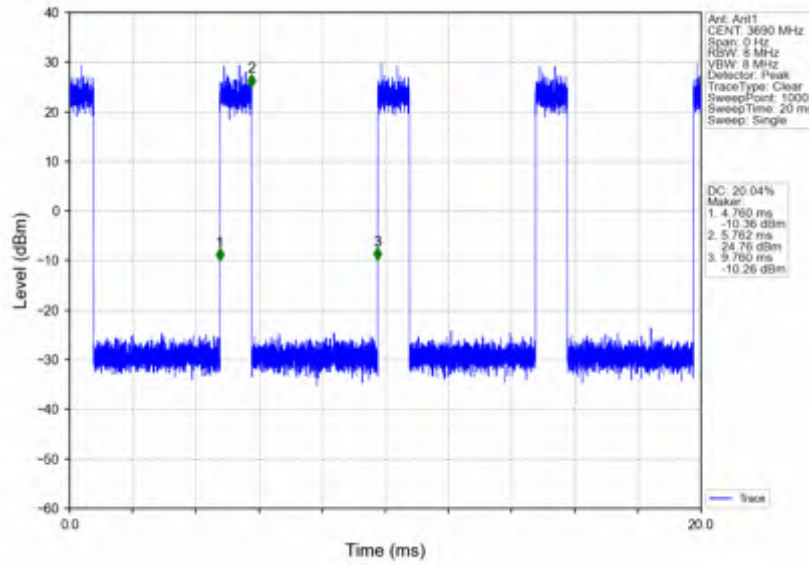
n78(3550-3700MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3690MHz_Edge_1RB_Left



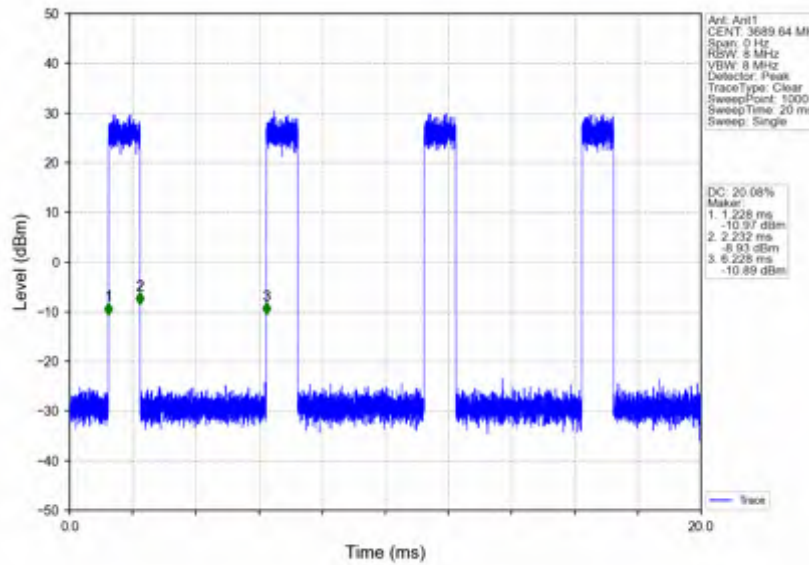
n78(3550-3700MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3690MHz_Edge_1RB_Right



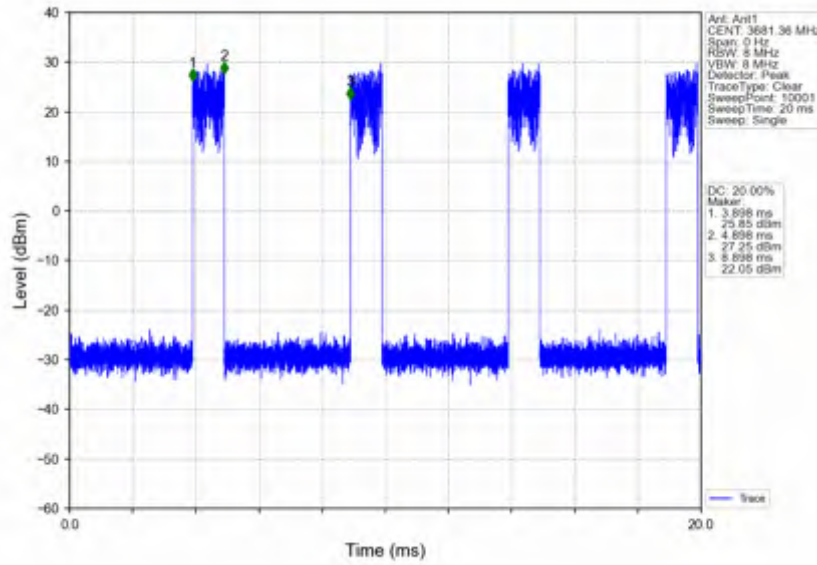
n78(3550-3700MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3690MHz_Outer_Full



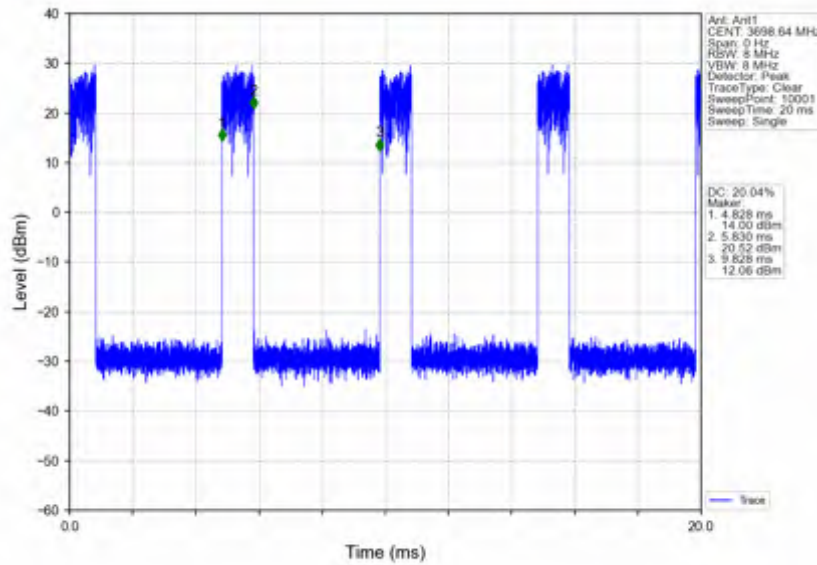
n78(3550-3700MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3690MHz_Inner_Full



n78(3550-3700MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3690MHz_Inner_1RB_Left



n78(3550-3700MHz)_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3690MHz_Inner_1RB_Right



1.2 30k_SISO_30MHz_NTNV

1.2.1 Test Result

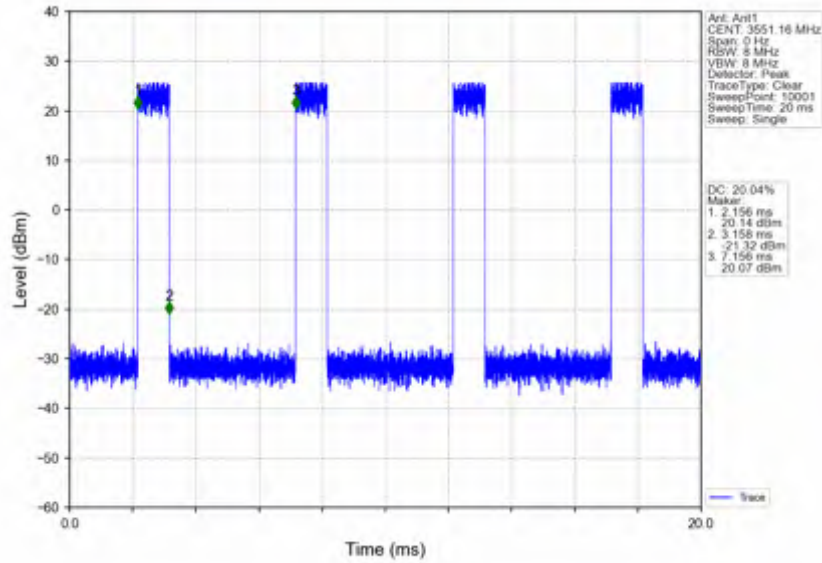
5G NR n78(3550-3700MHz) SCS=30kHz SISO 30MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
DFT-s-OFDM PI/2 BPSK	3565.02	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.04
		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
	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	1.002	5.000	20.04	6.98	0.00
	3684.99	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	1.002	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	3565.02	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.03
		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	1.002	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
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3684.99	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
		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	3565.02	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	0.03
		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	1.002	5.000	20.04	6.98	0.03
Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00		

	3684.99	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	1.000	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	3565.02	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	1.000	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	1.002	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	0.03
		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
	3684.99	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	1.002	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
DFT-s-OFDM 256 QAM	3565.02	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	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	1.004	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
	3684.99	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.04
		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
		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	3565.02	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	1.004	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
	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	1.000	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
	3684.99	Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.01
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.01

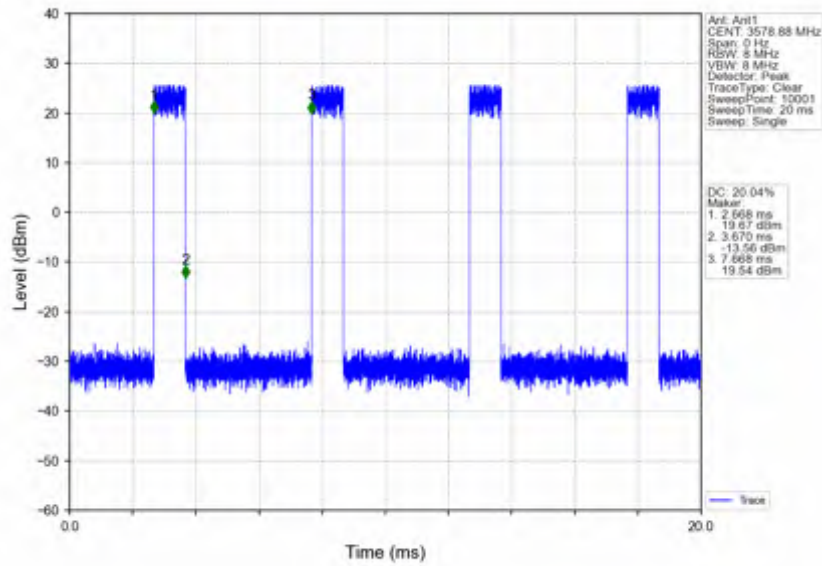
CP-OFDM 16 QAM		Inner_Full	1.004	5.000	20.08	6.97	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.000	4.998	20.01	6.99	0.03
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.04
		Inner_Full	1.004	5.000	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
CP-OFDM 16 QAM	3565.02	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	1.004	5.000	20.08	6.97	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
		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
3684.99	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	
	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	
CP-OFDM 64 QAM	3565.02	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	4.998	20.01	6.99	0.03
		Outer_Full	1.004	5.000	20.08	6.97	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
		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
3684.99	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	
	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	
CP-OFDM 256 QAM	3565.02	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	1.000	5.000	20.00	6.99	0.00
	3624.99	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	1.000	5.000	20.00	6.99	0.00
3684.99	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	1.002	5.000	20.04	6.98	0.00	

1.2.2 Test Graph

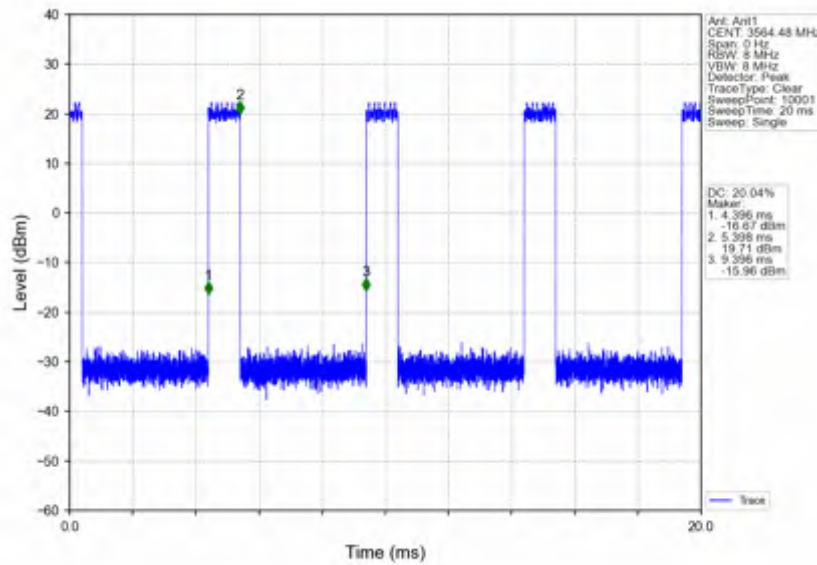
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3565.02MHz_Edge_1RB_Left



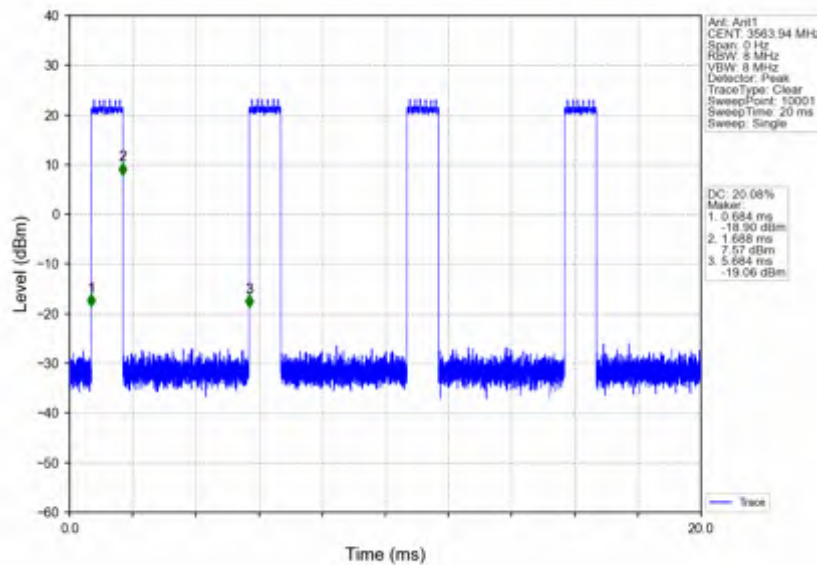
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3565.02MHz_Edge_1RB_Right



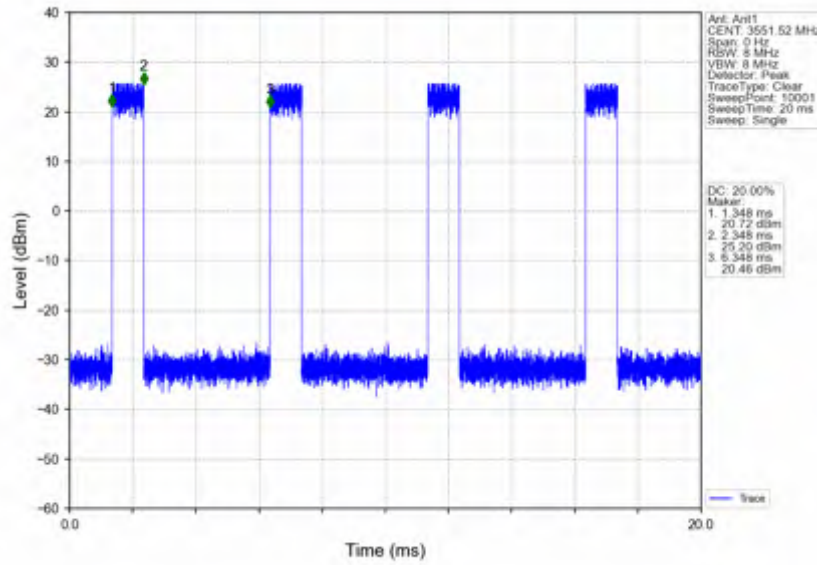
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3565.02MHz_Outer_Full



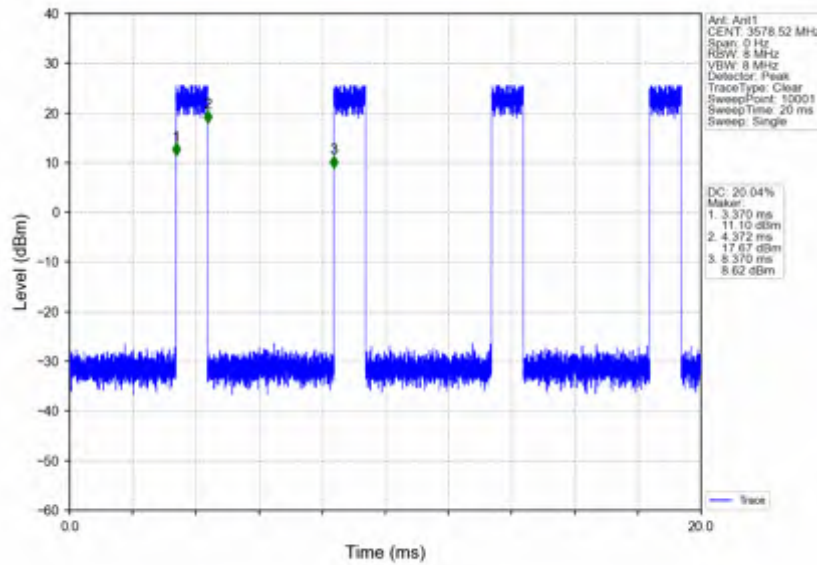
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3565.02MHz_Inner_Full



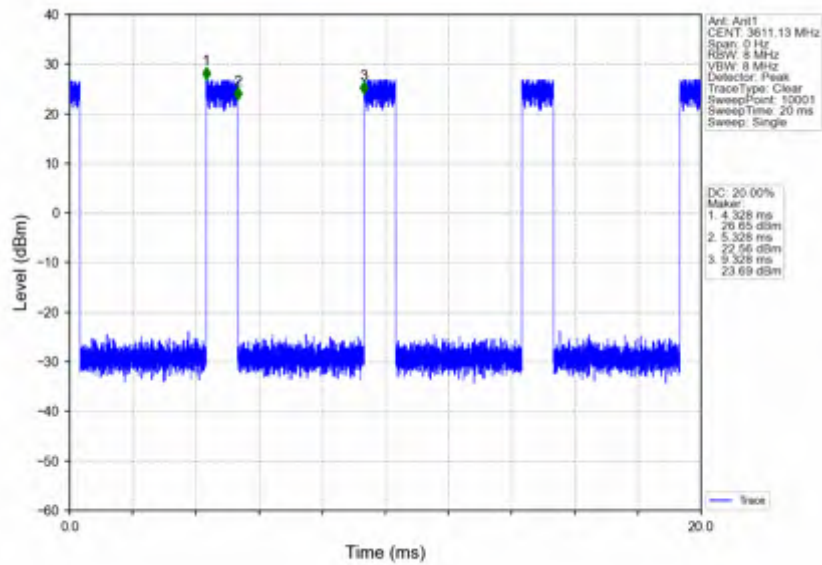
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3565.02MHz_Inner_1RB_Left



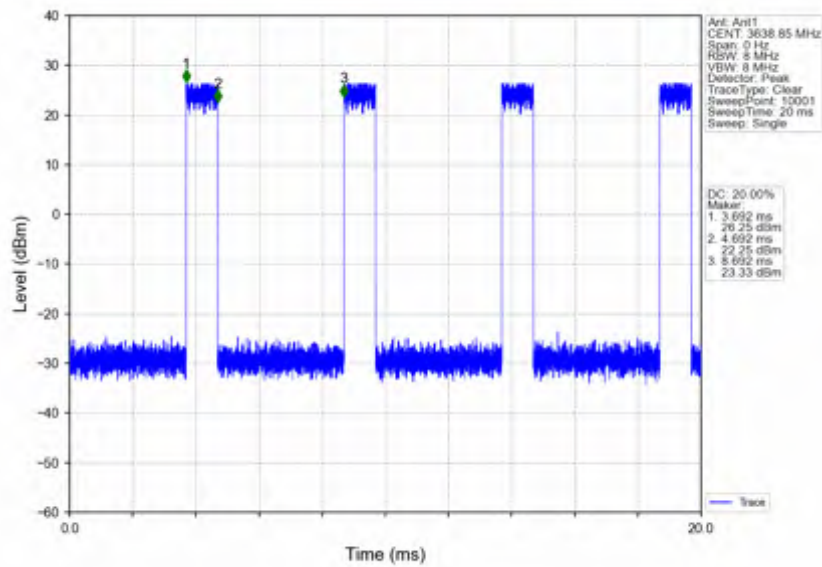
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3565.02MHz_Inner_1RB_Right



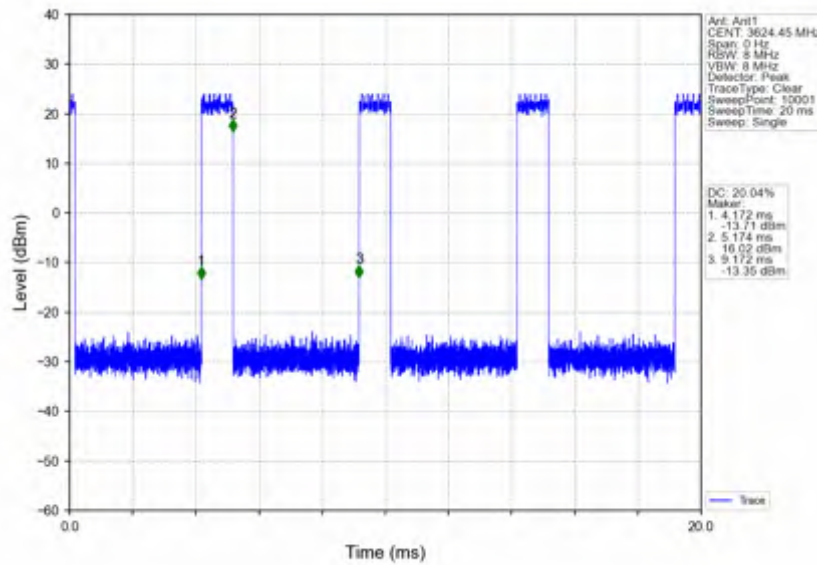
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Edge_1RB_Left



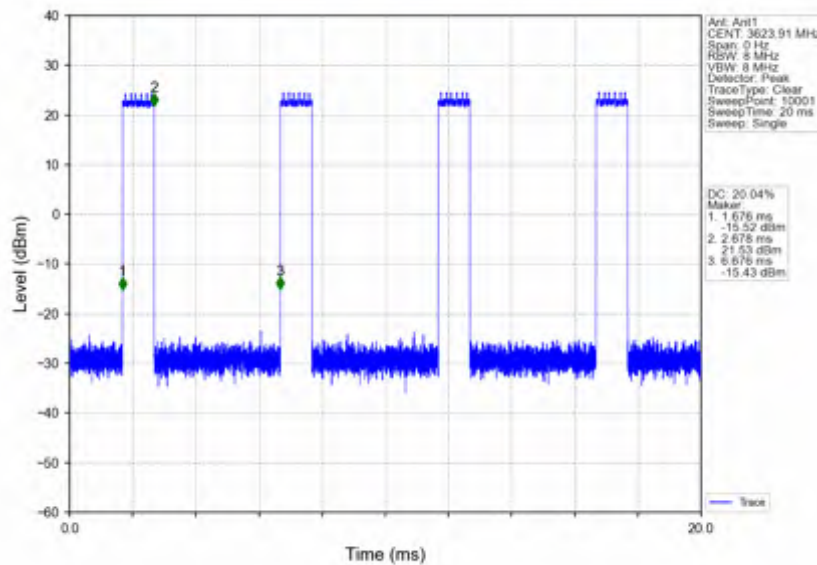
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Edge_1RB_Right



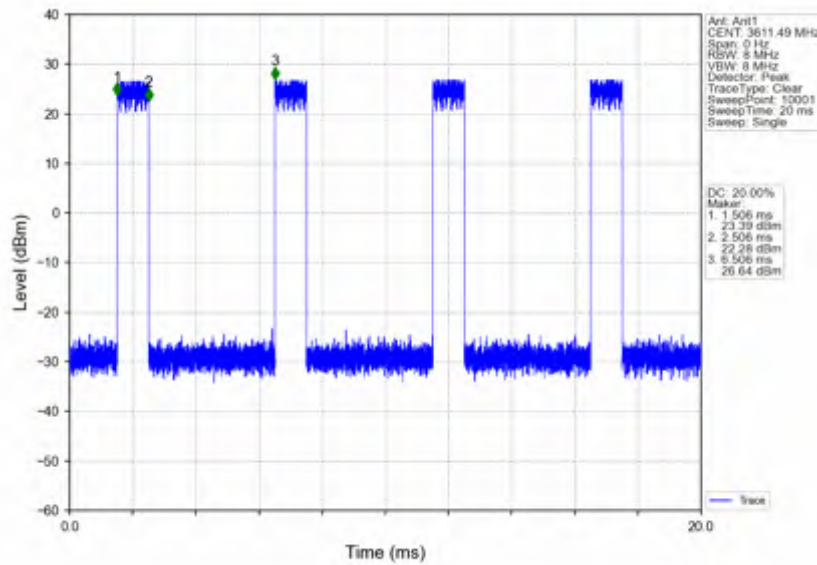
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full



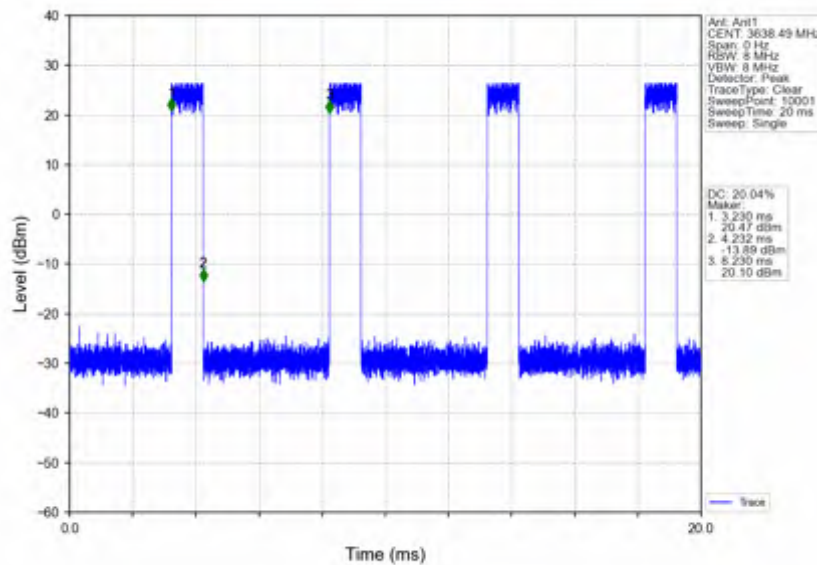
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Inner_Full



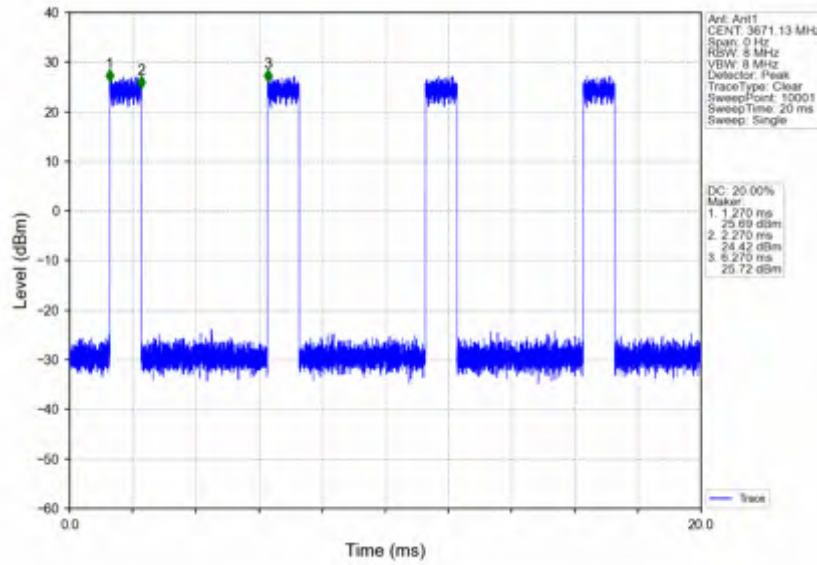
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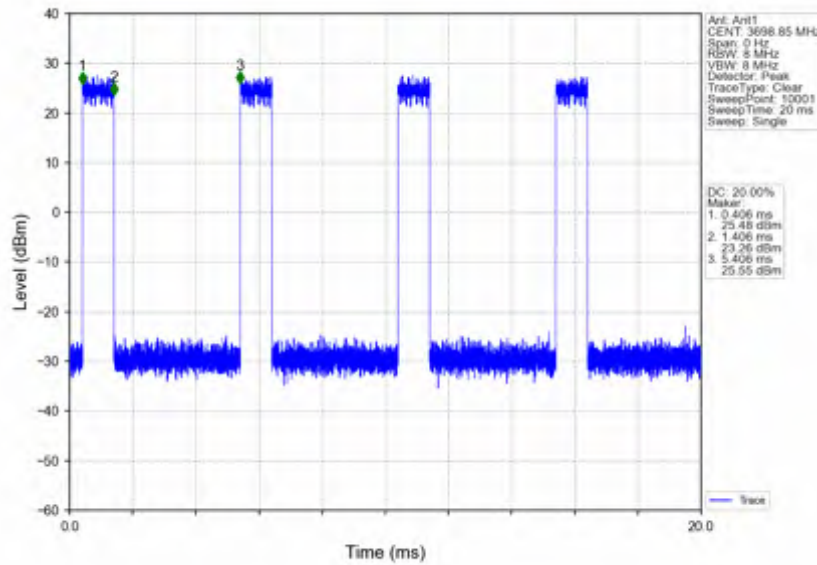
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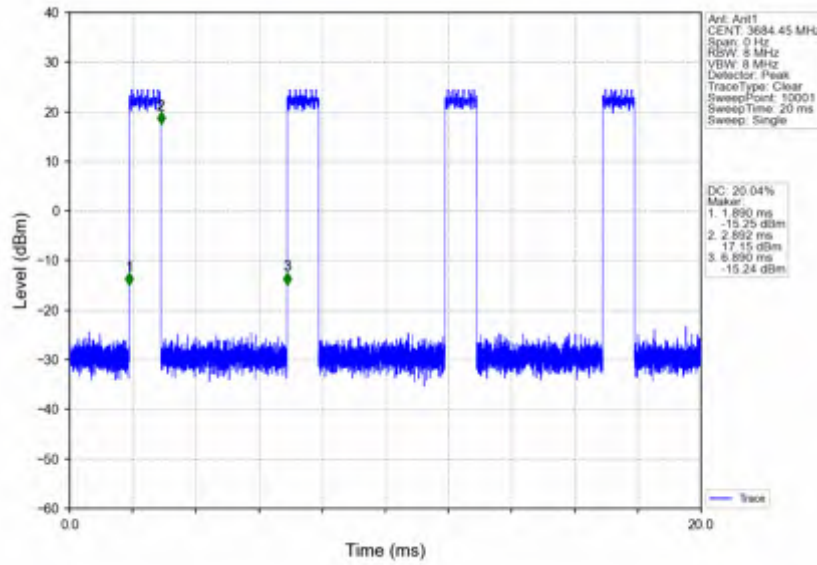
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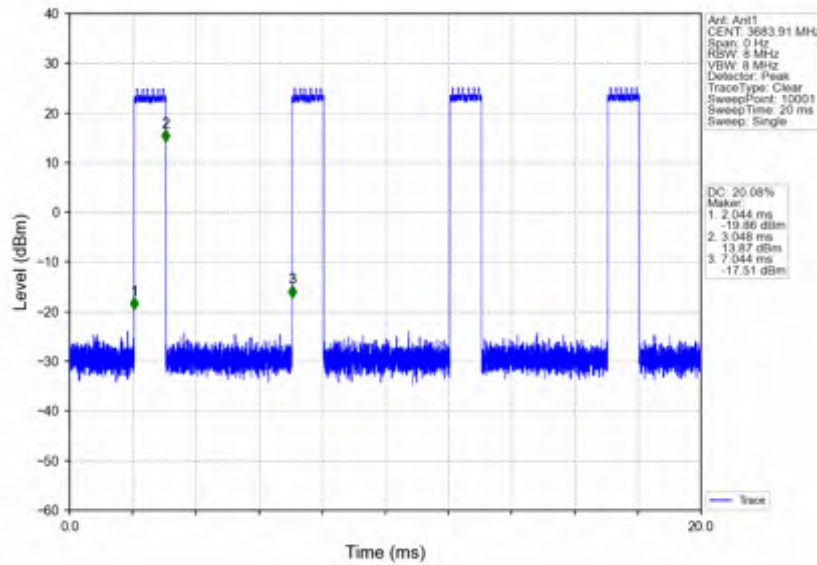
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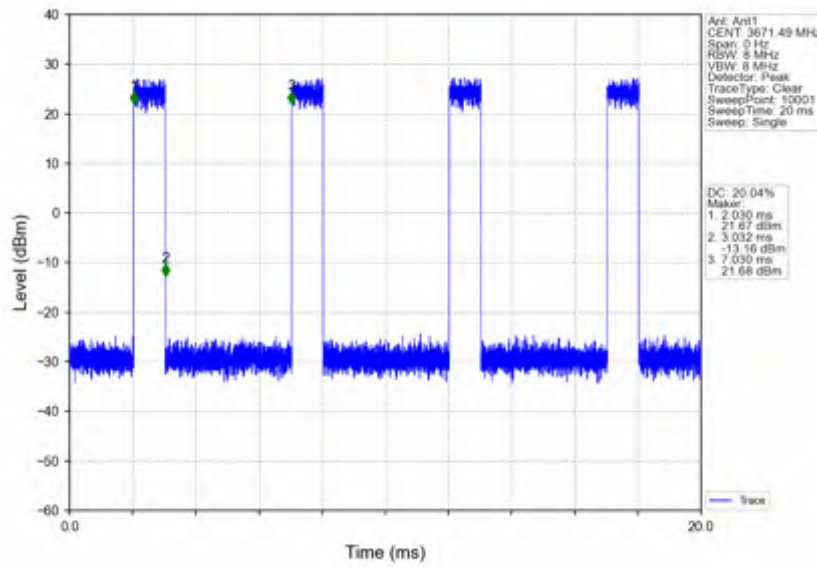
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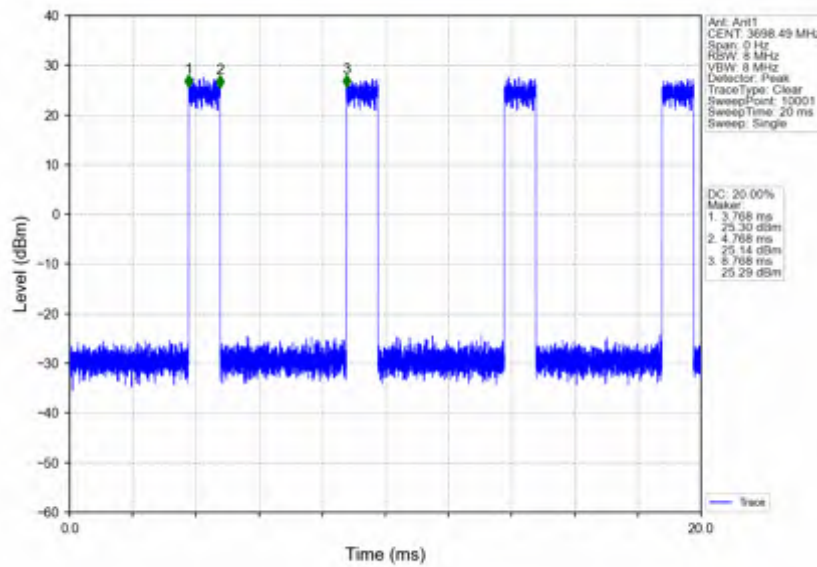
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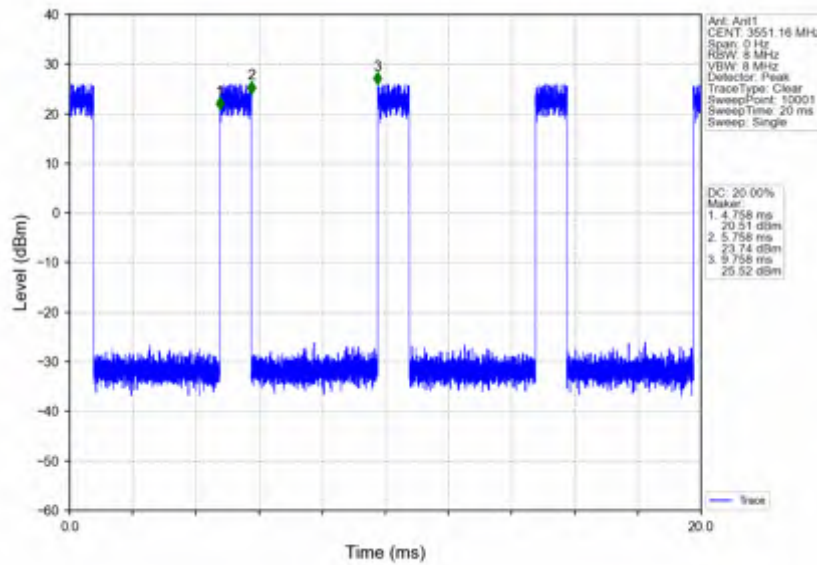
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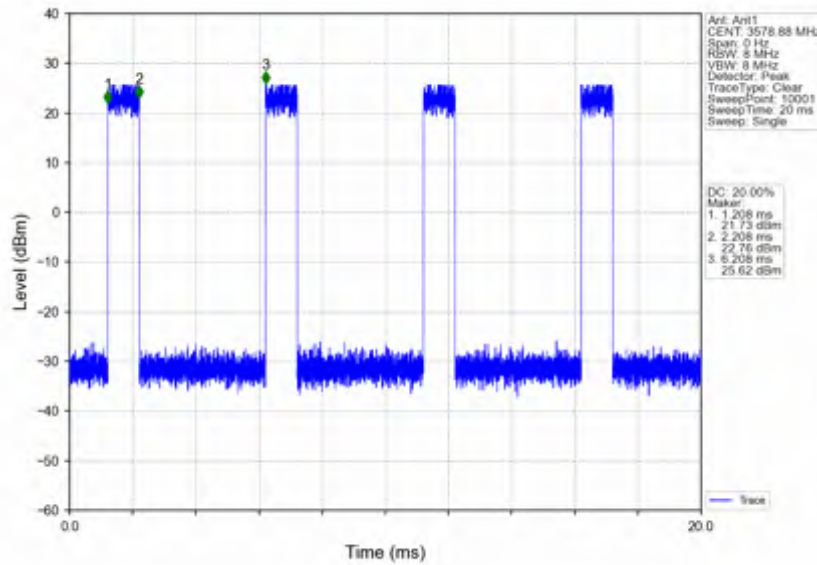
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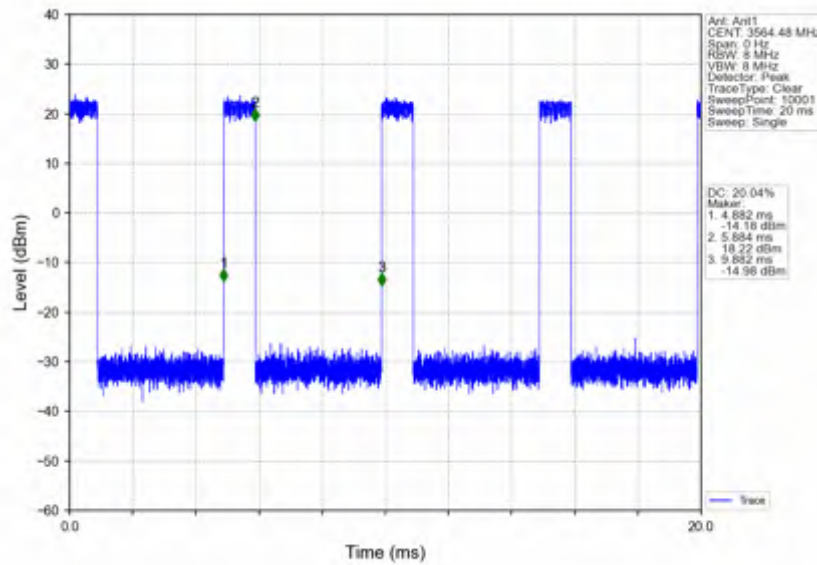
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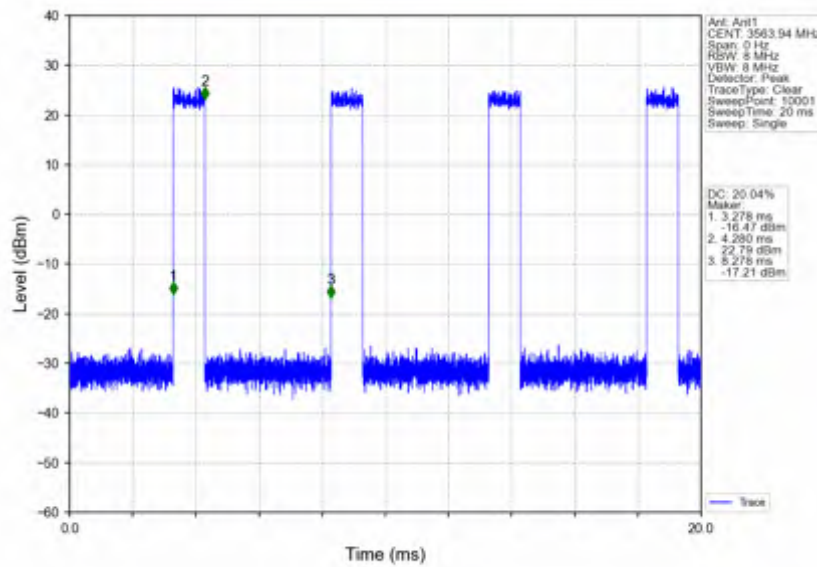
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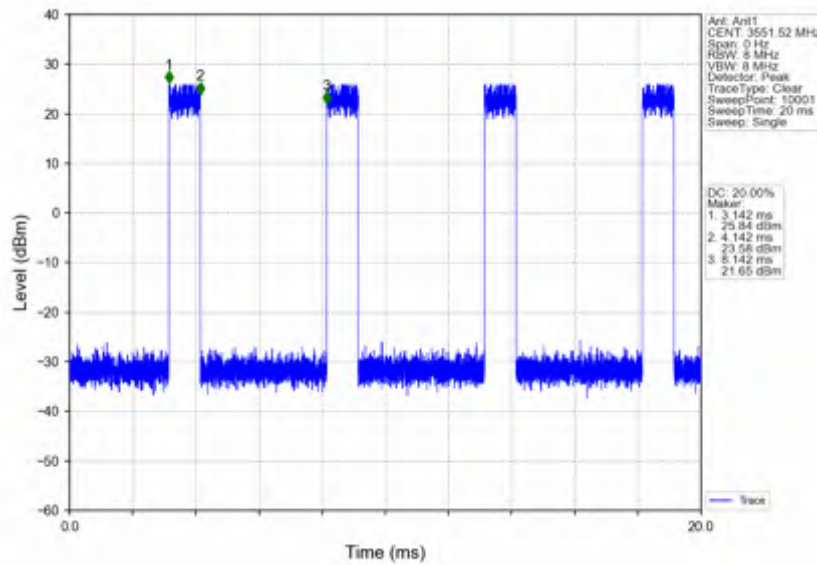
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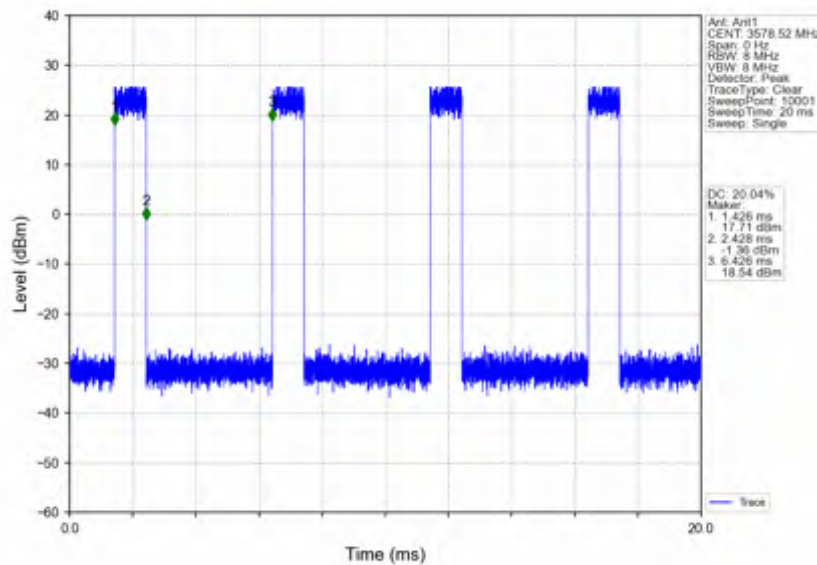
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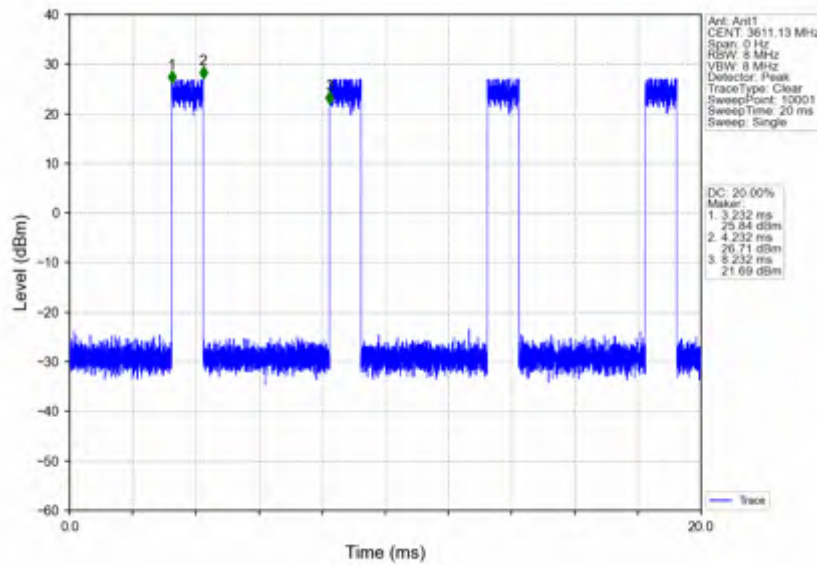
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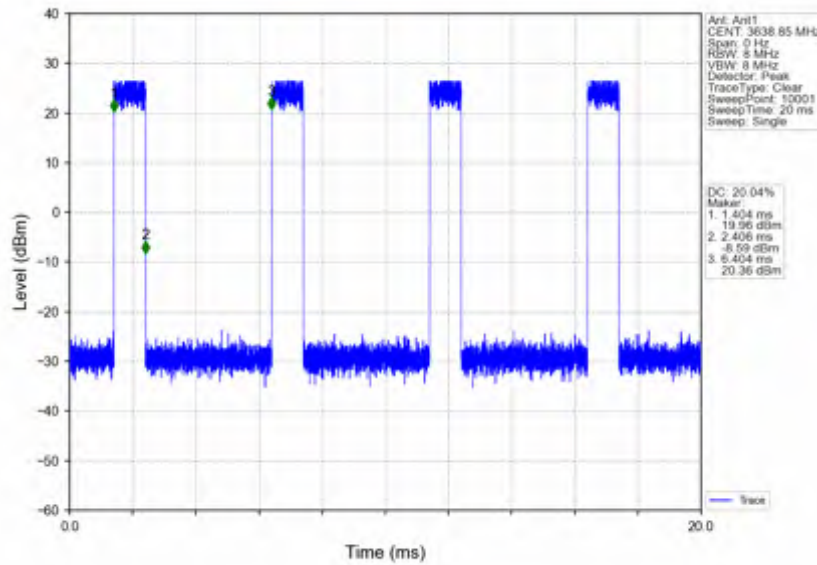
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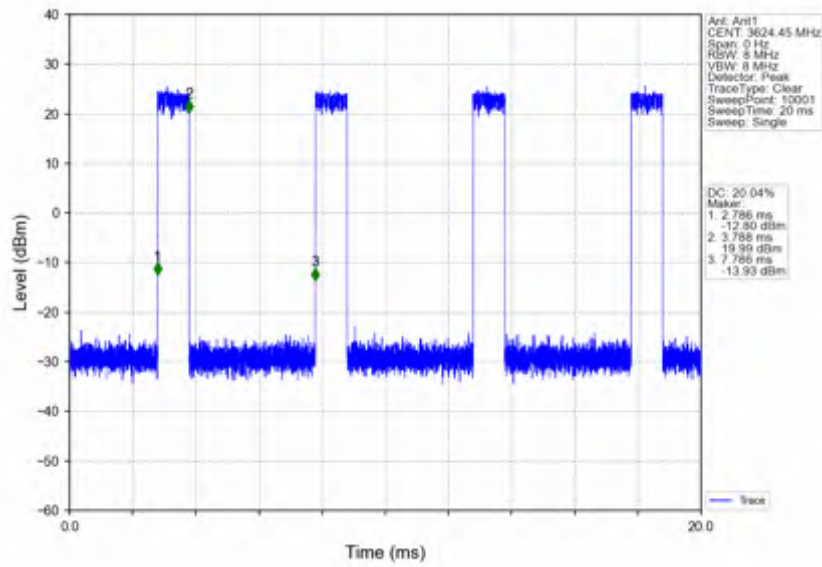
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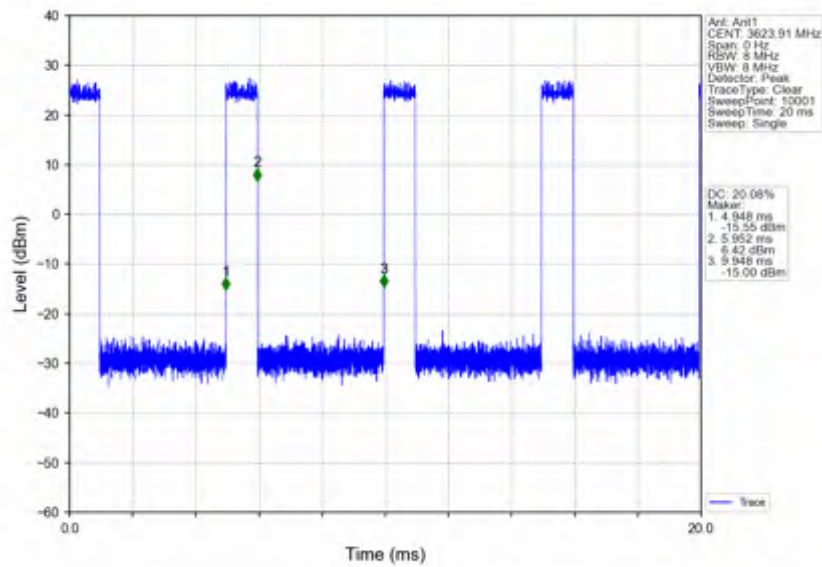
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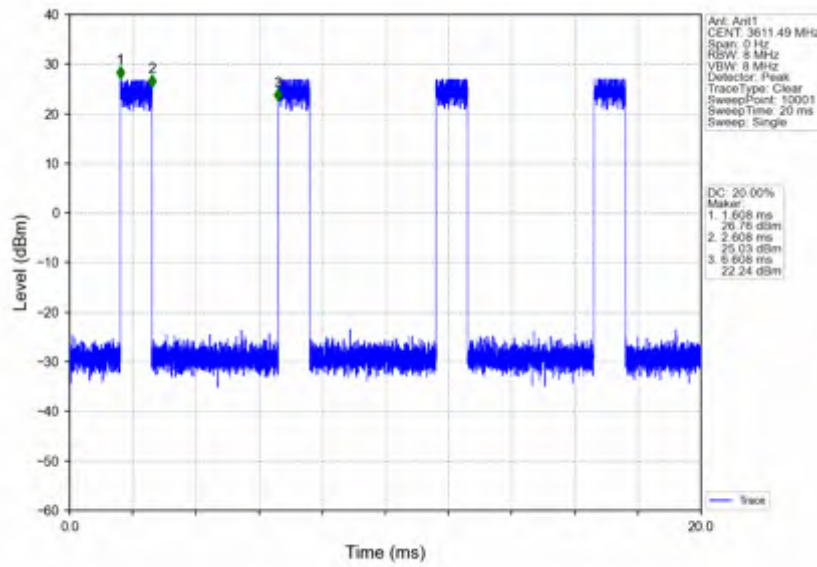
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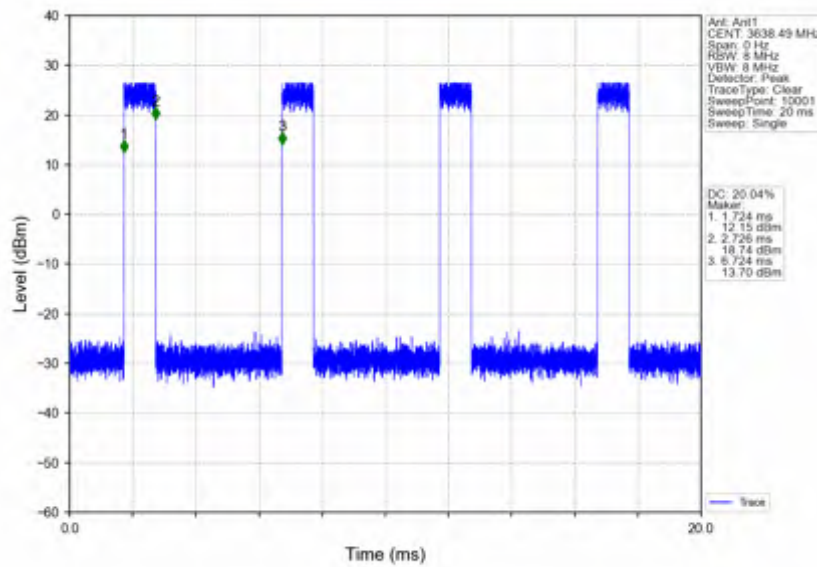
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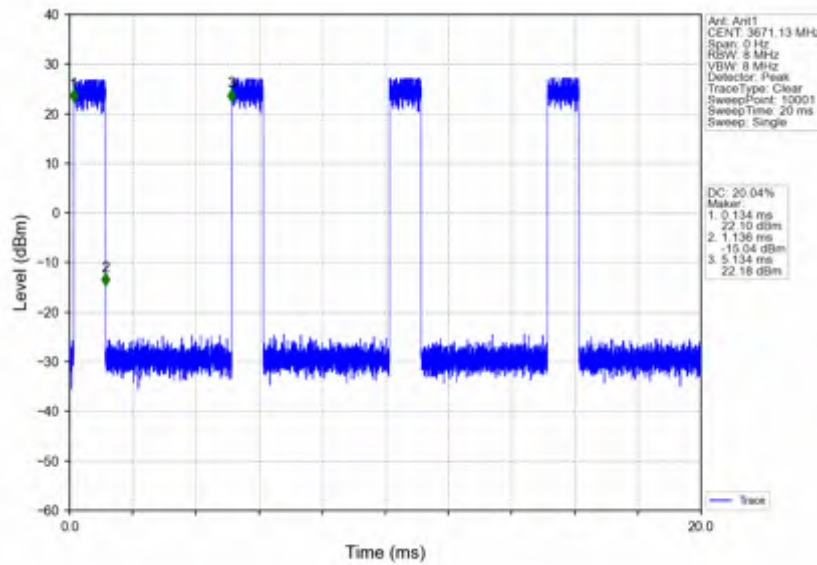
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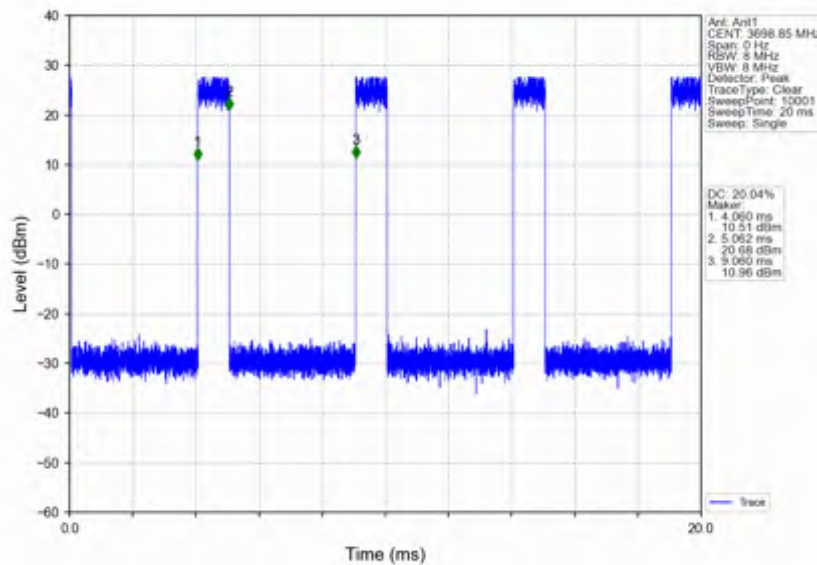
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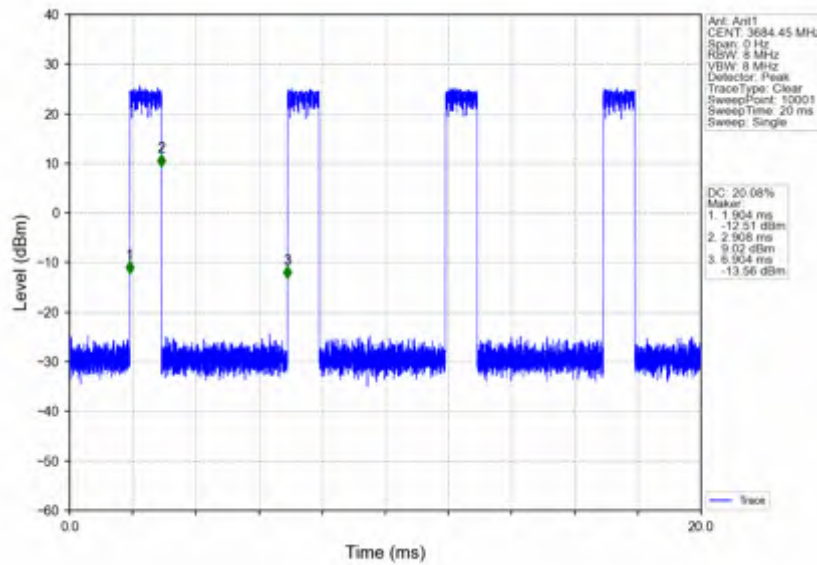
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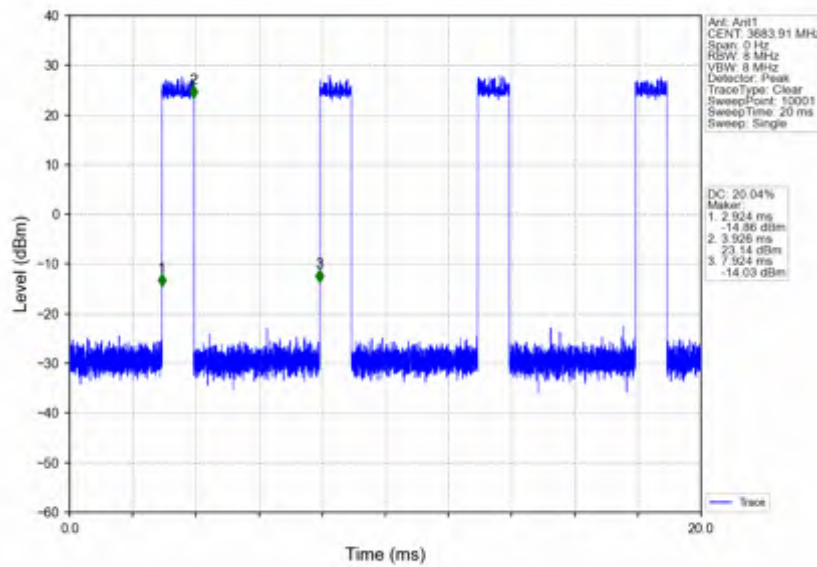
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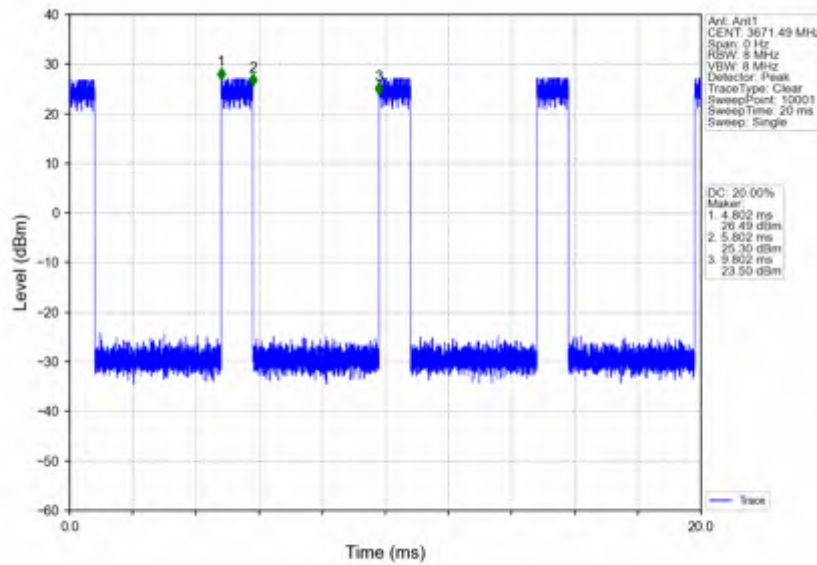
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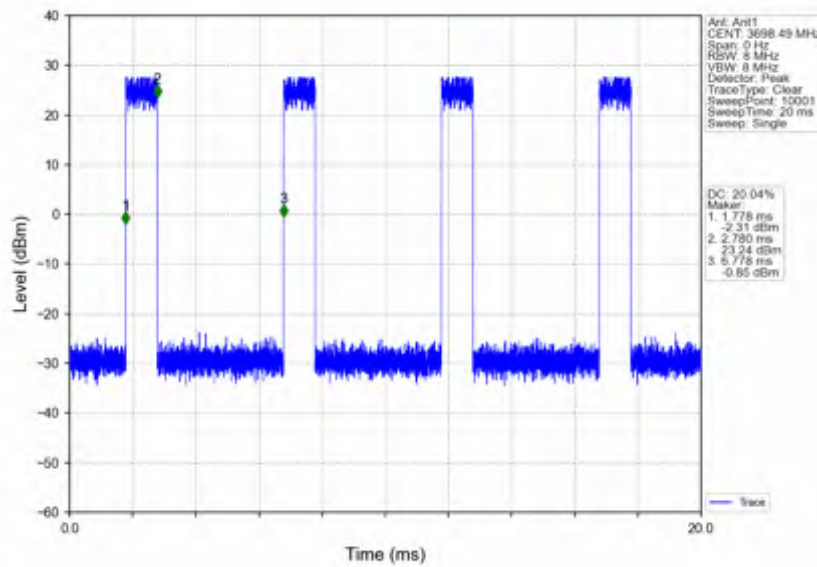
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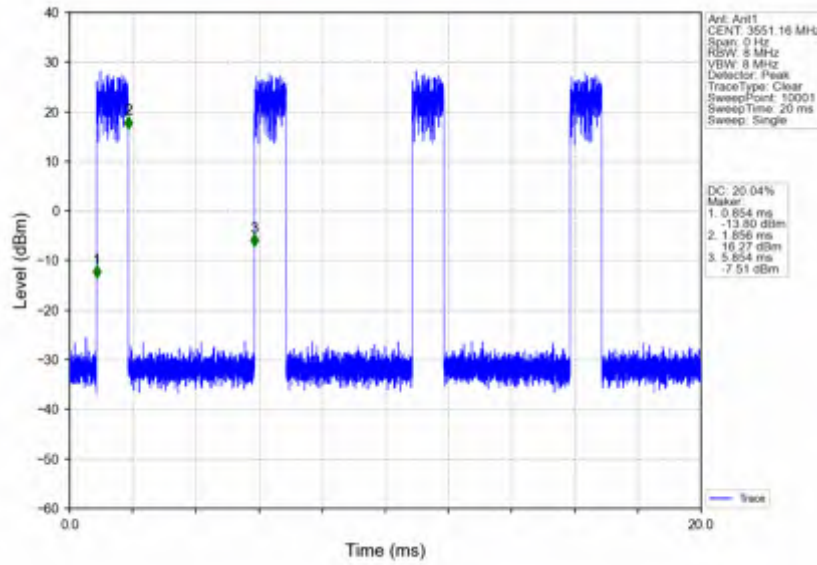
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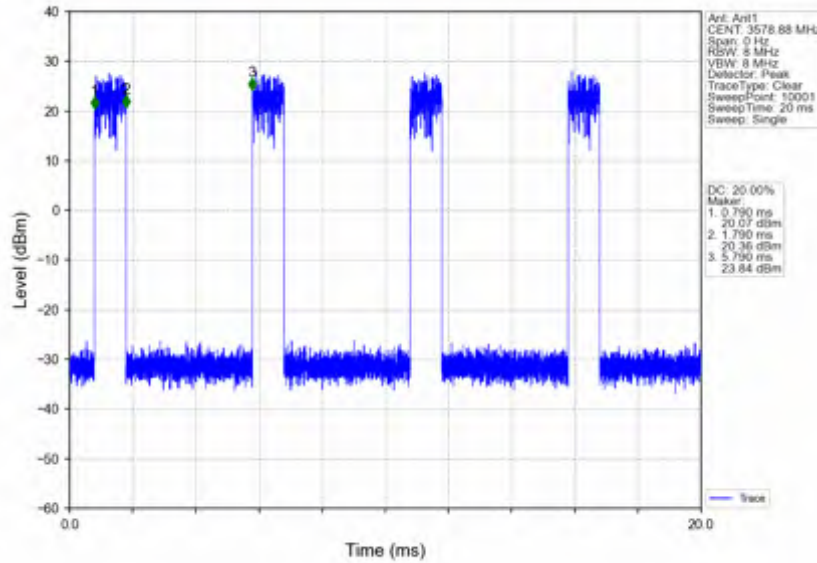
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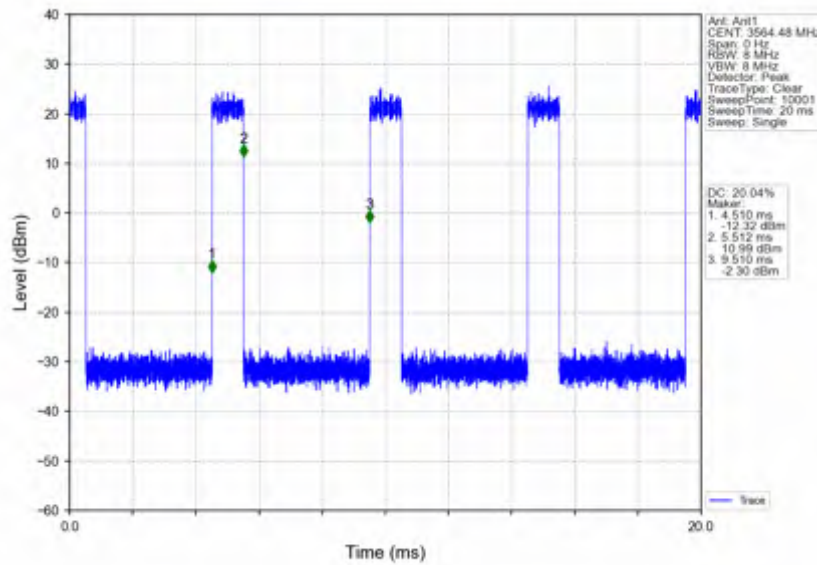
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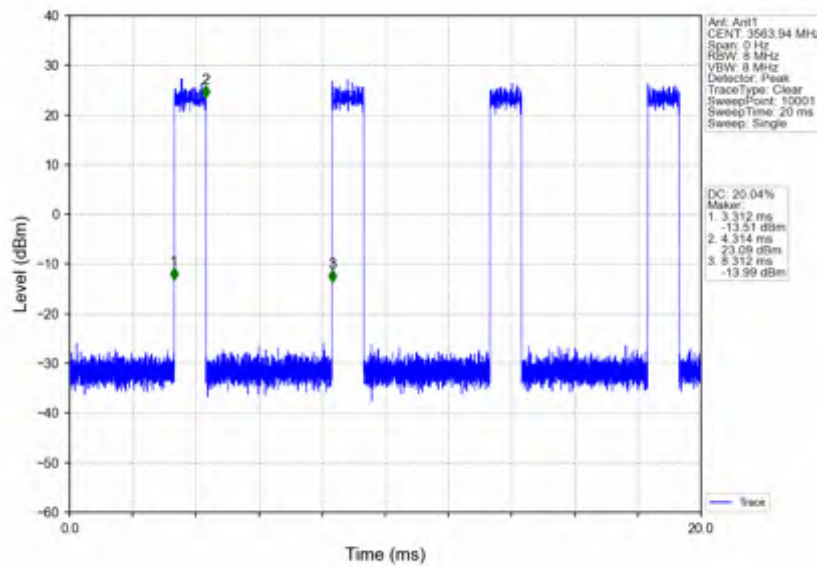
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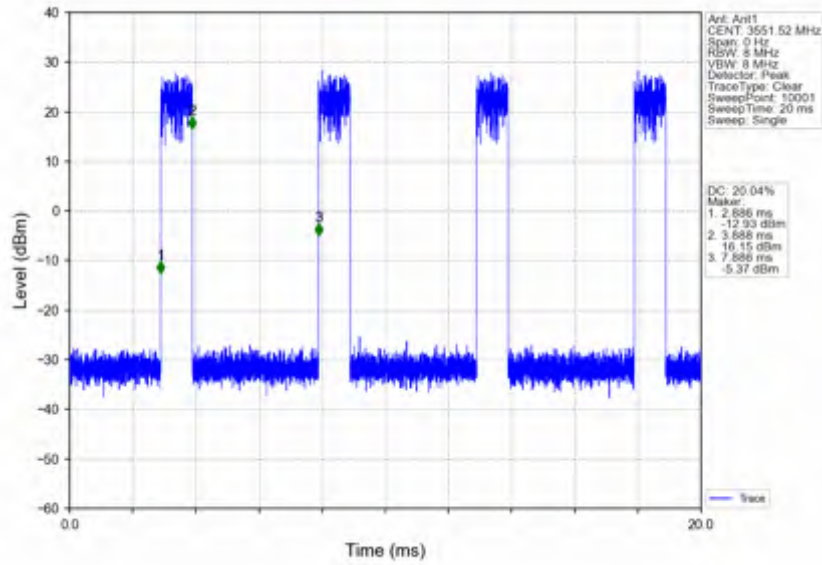
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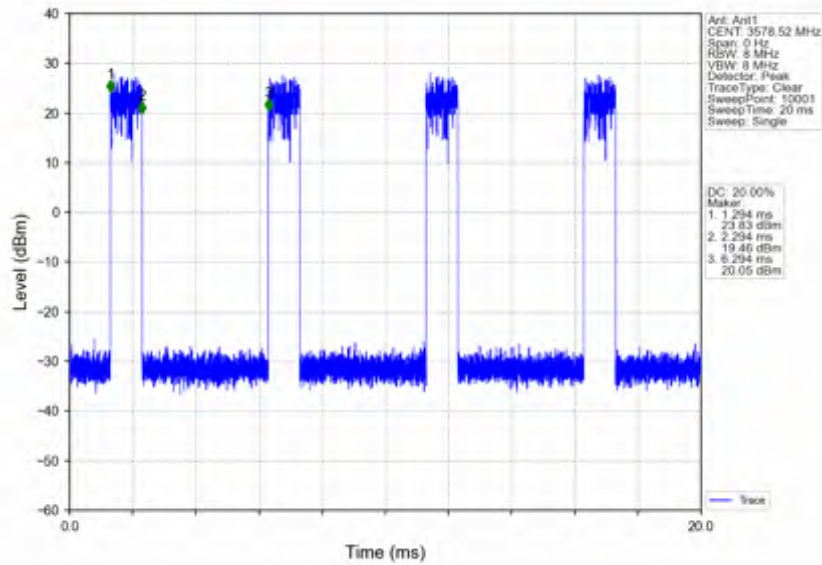
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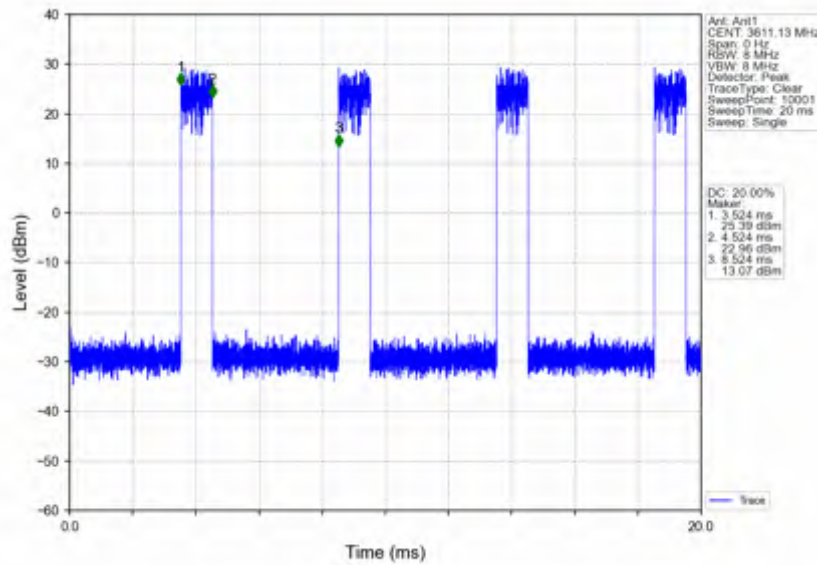
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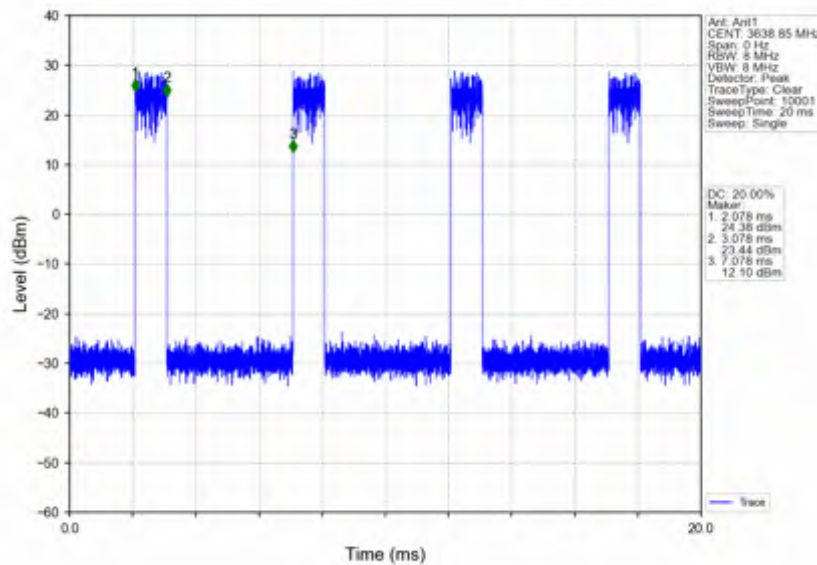
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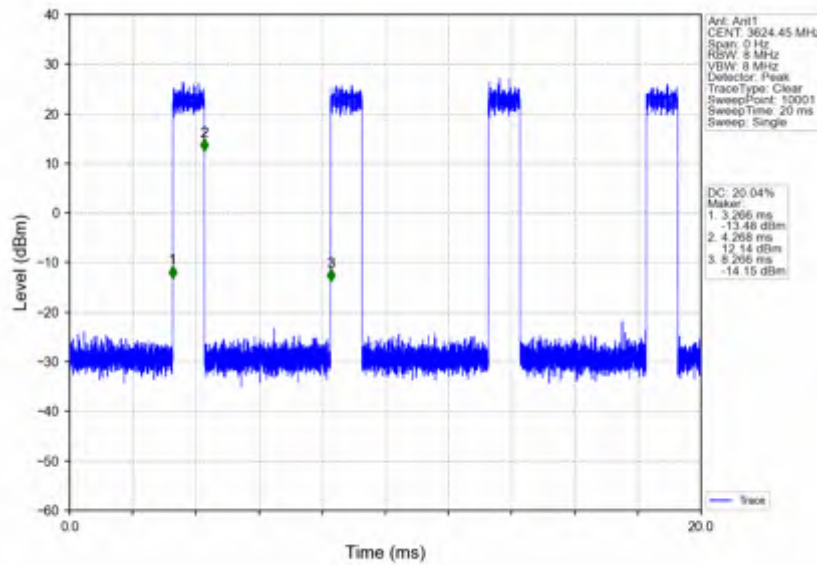
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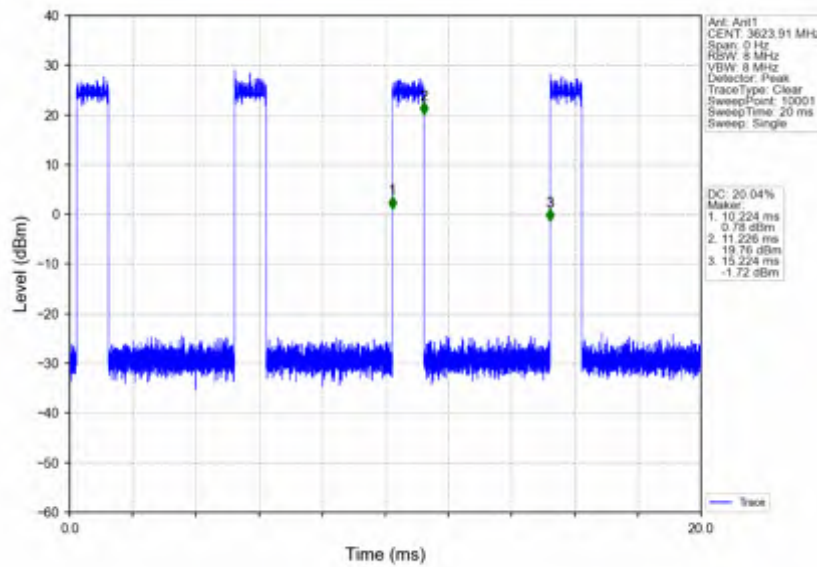
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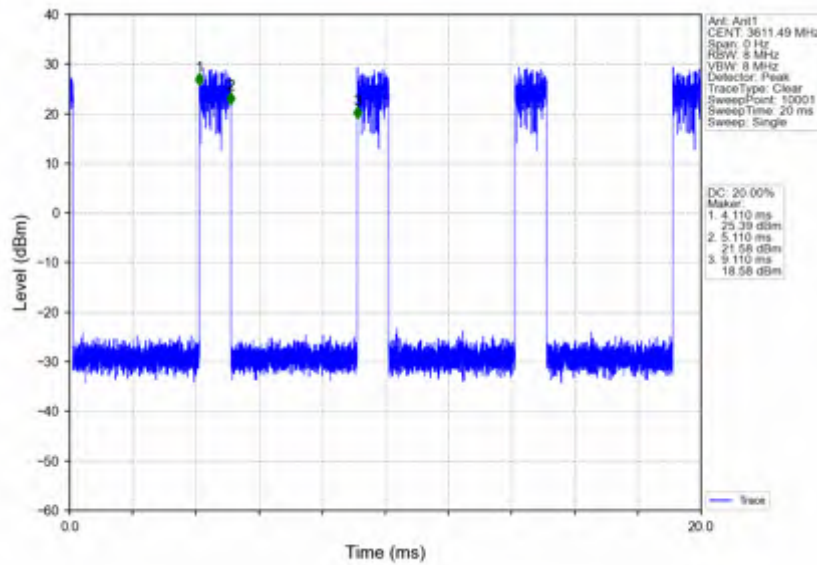
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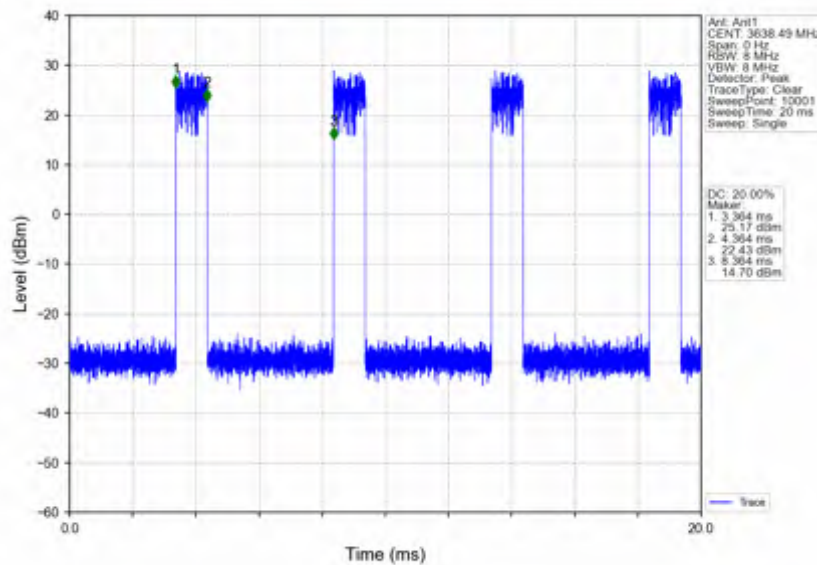
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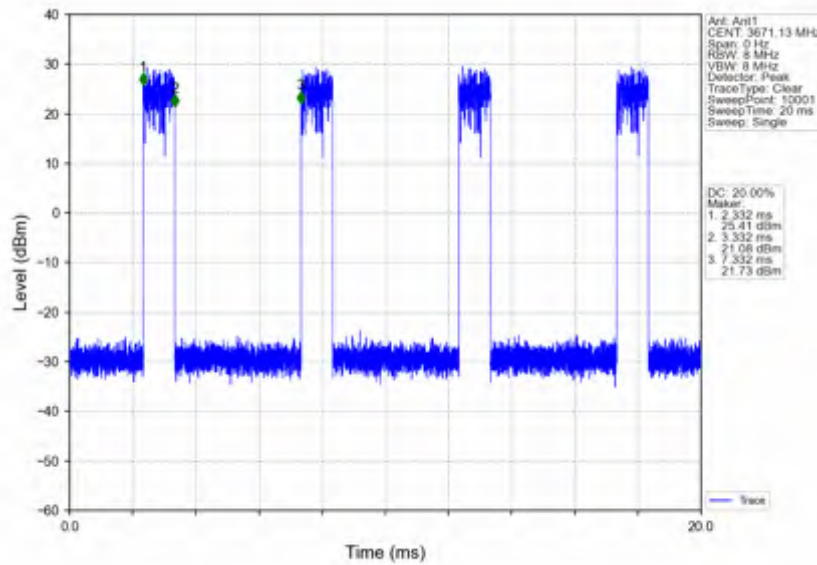
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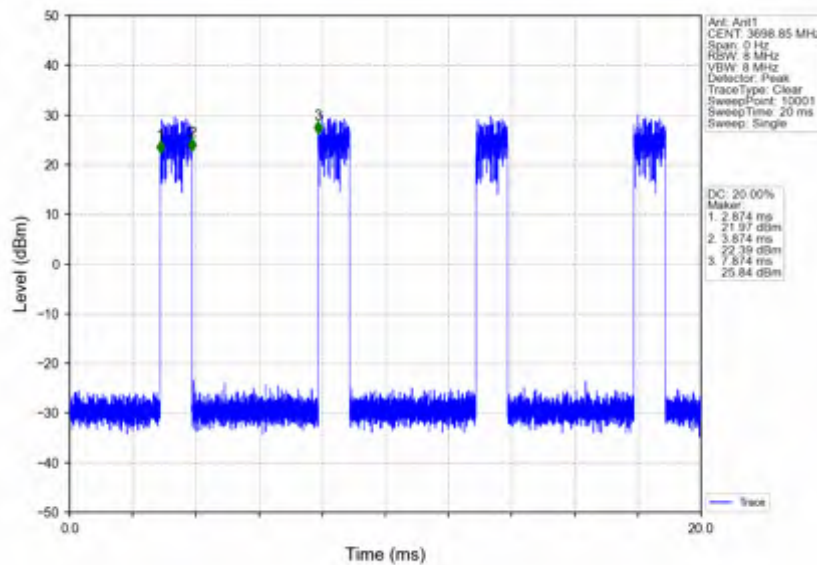
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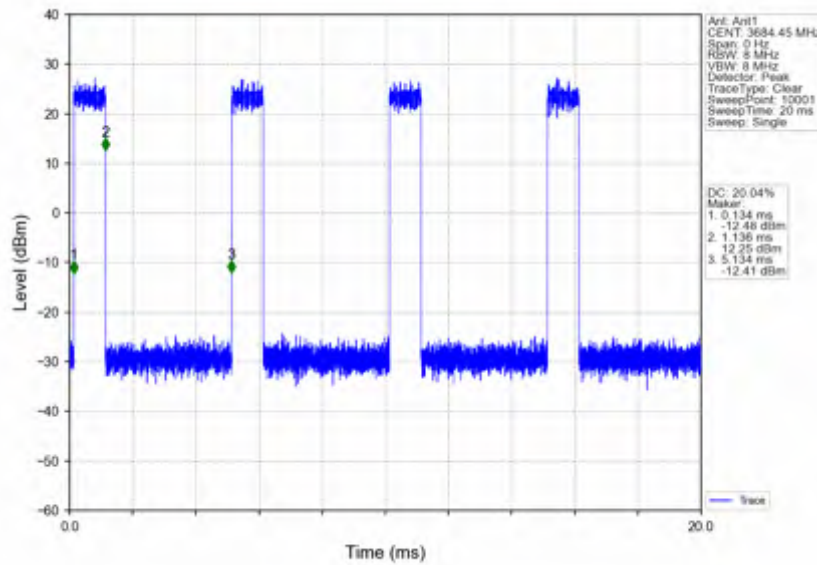
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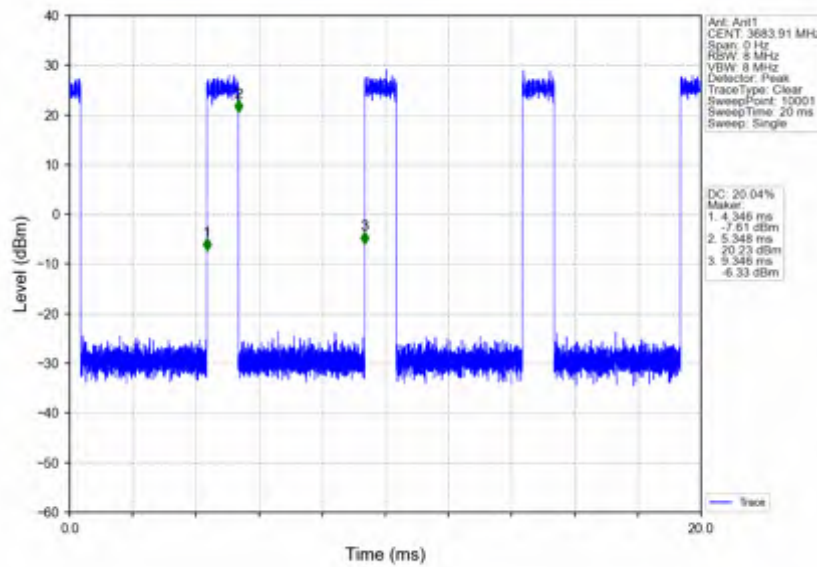
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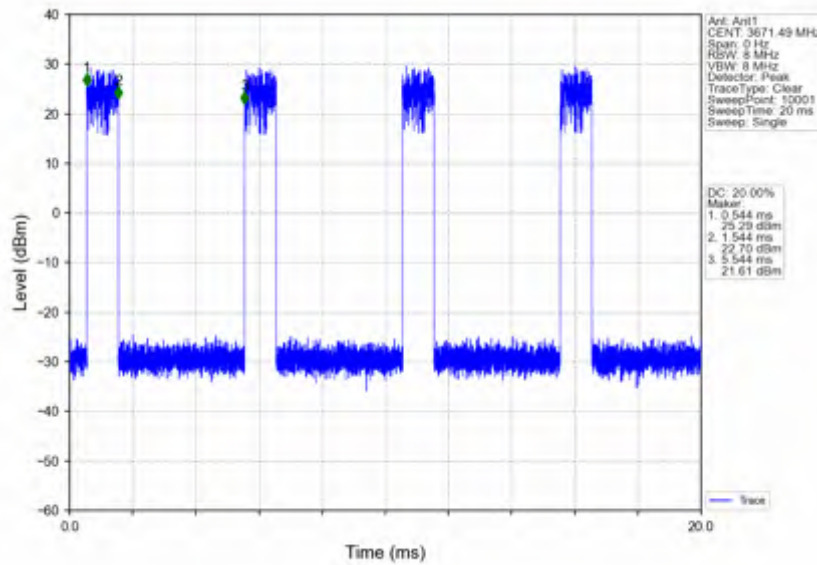
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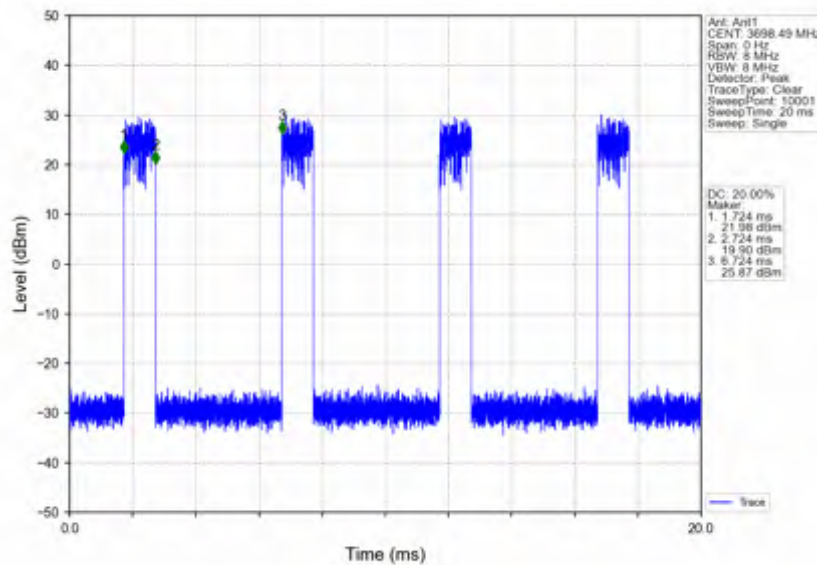
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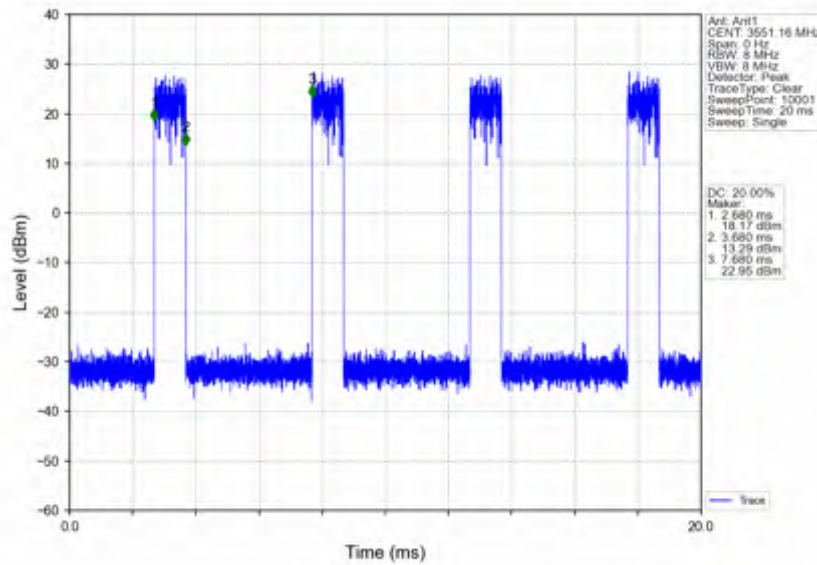
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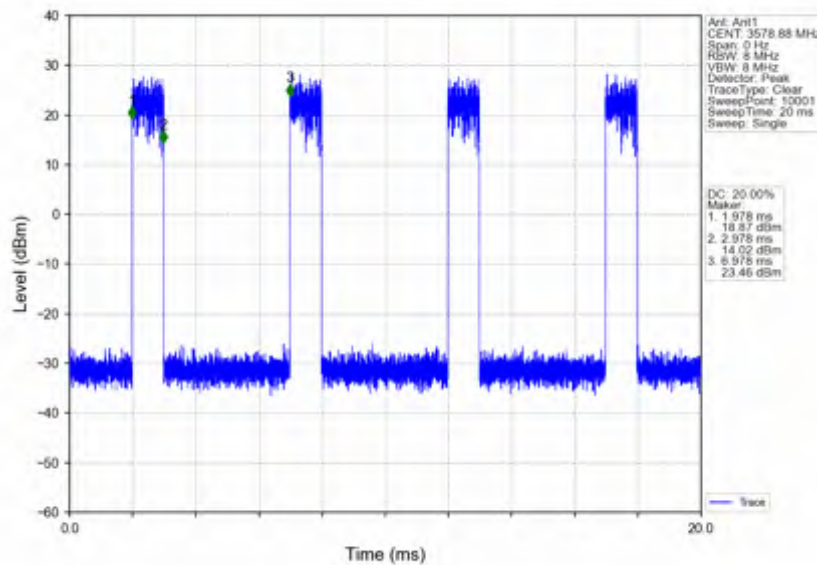
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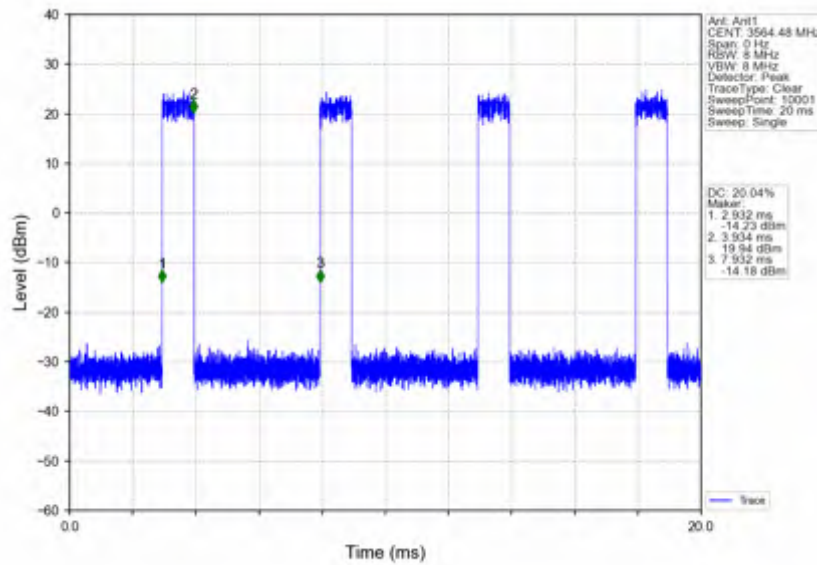
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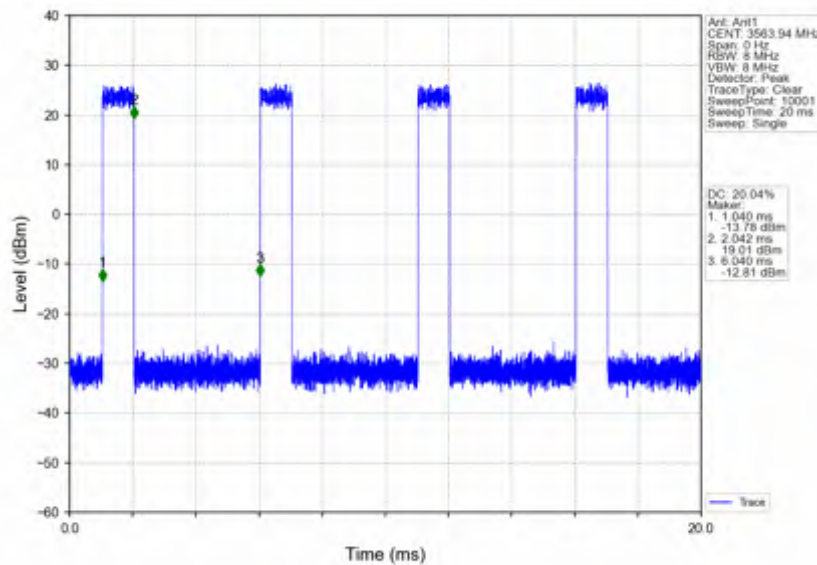
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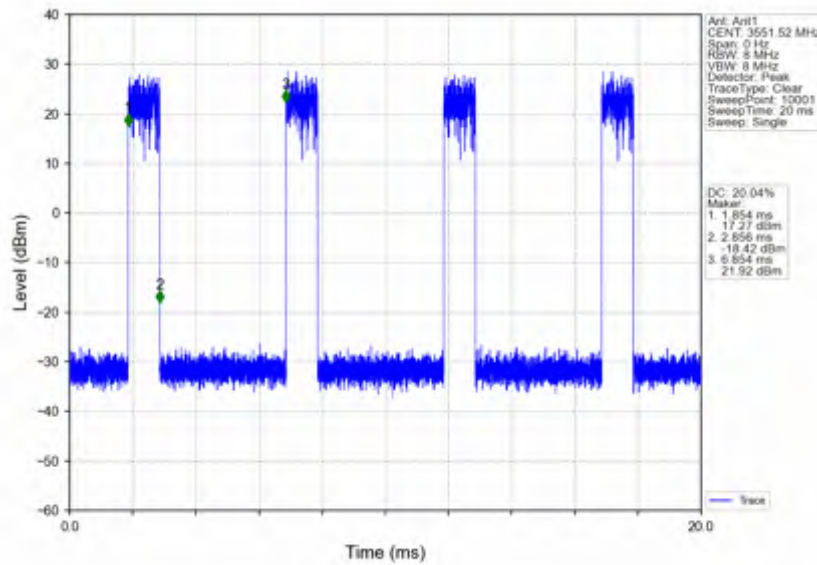
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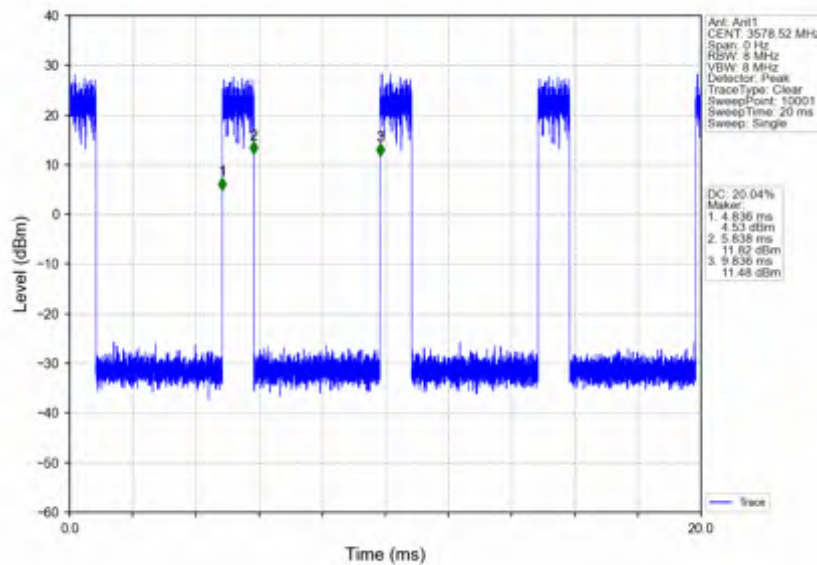
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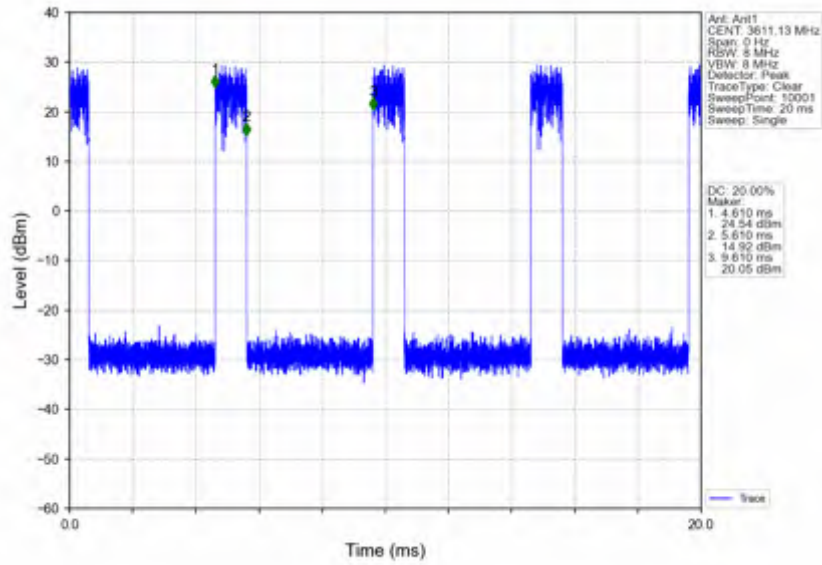
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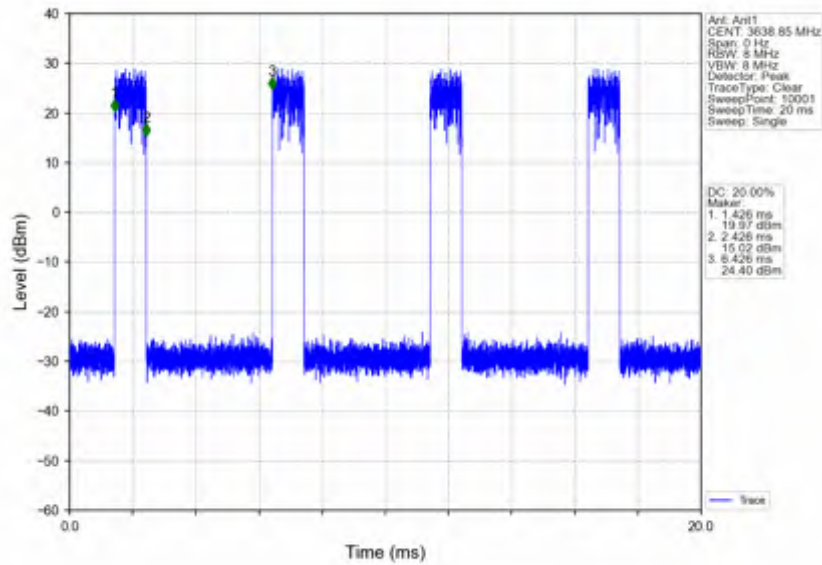
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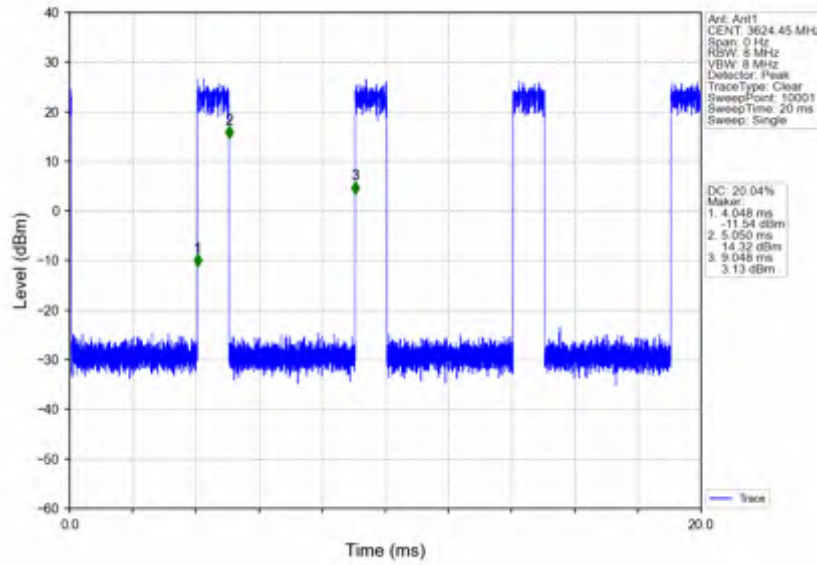
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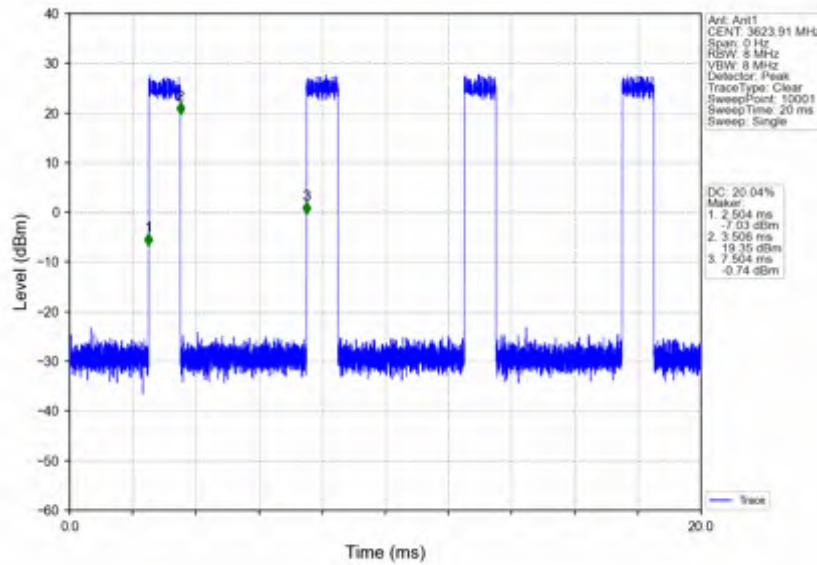
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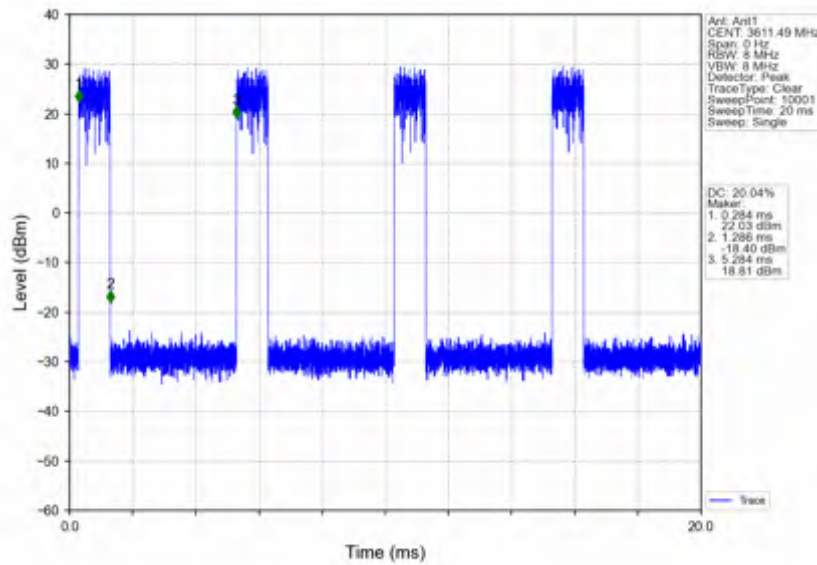
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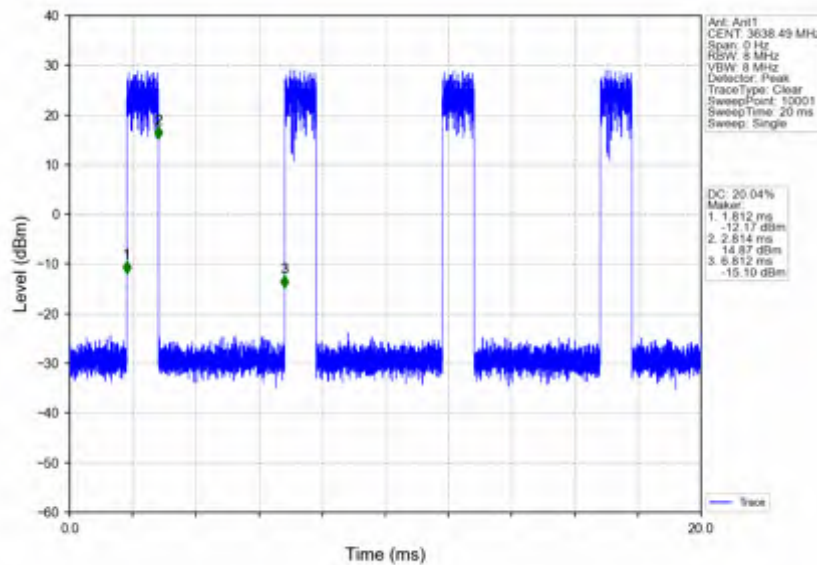
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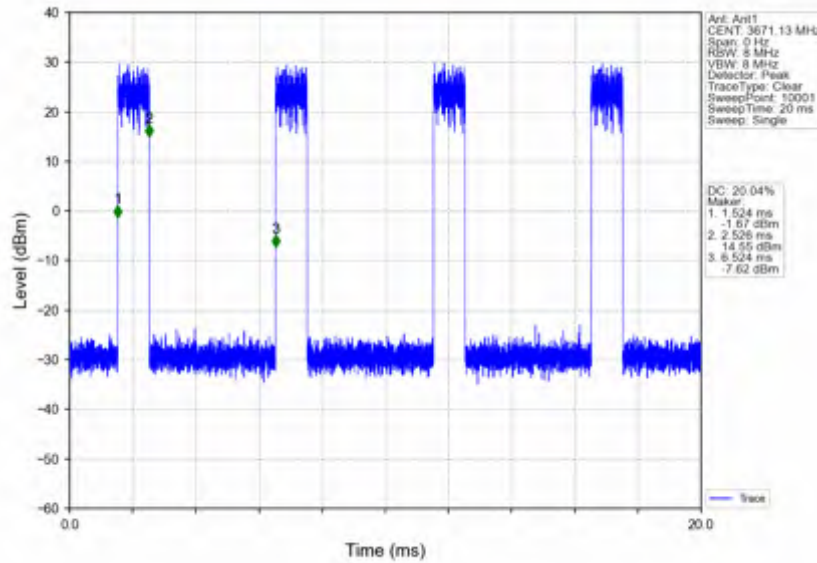
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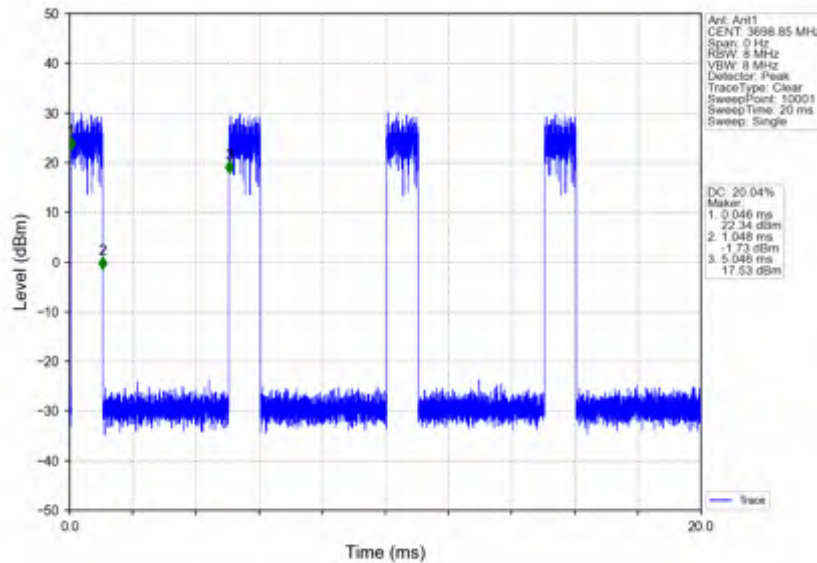
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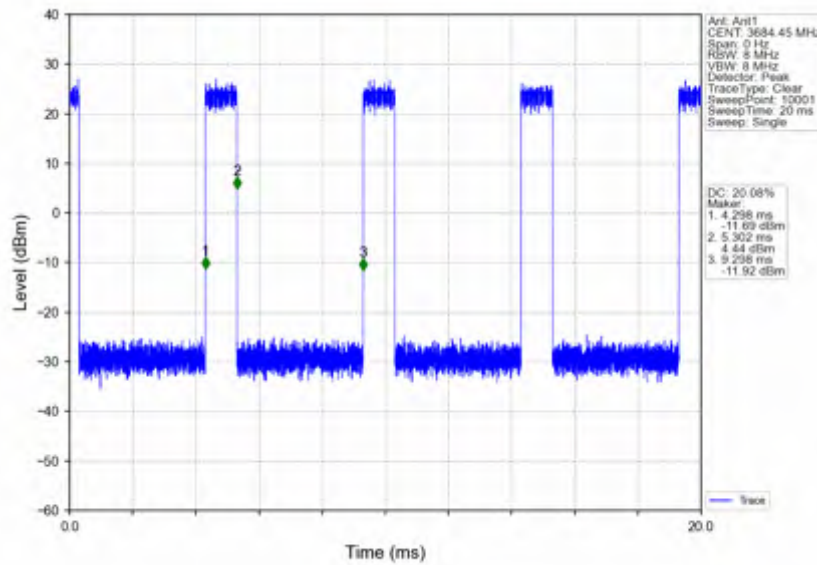
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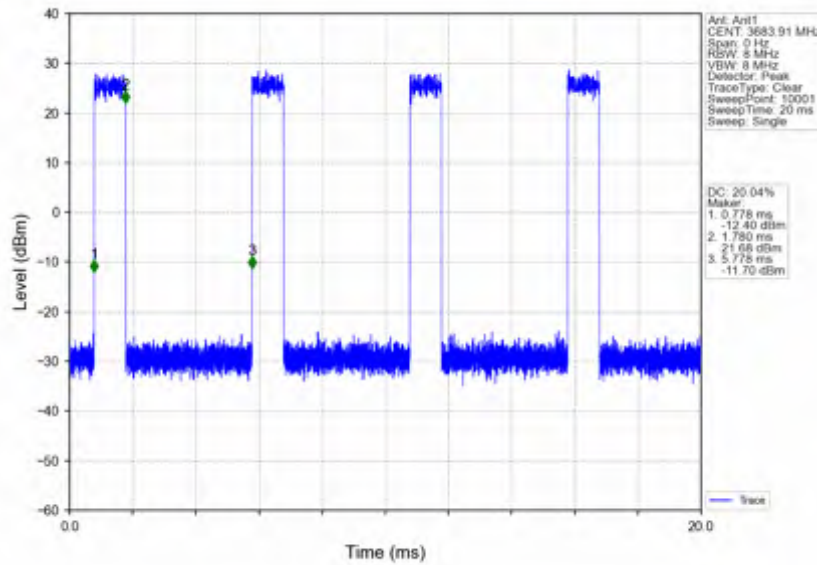
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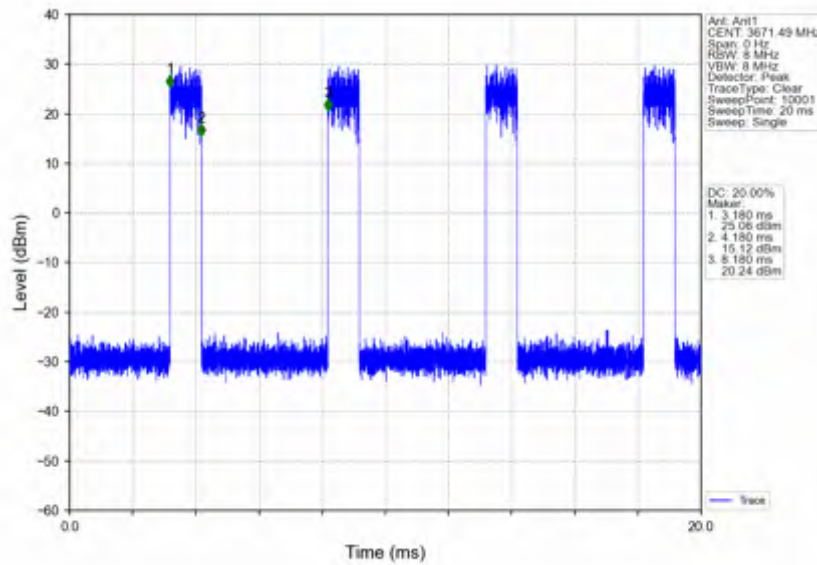
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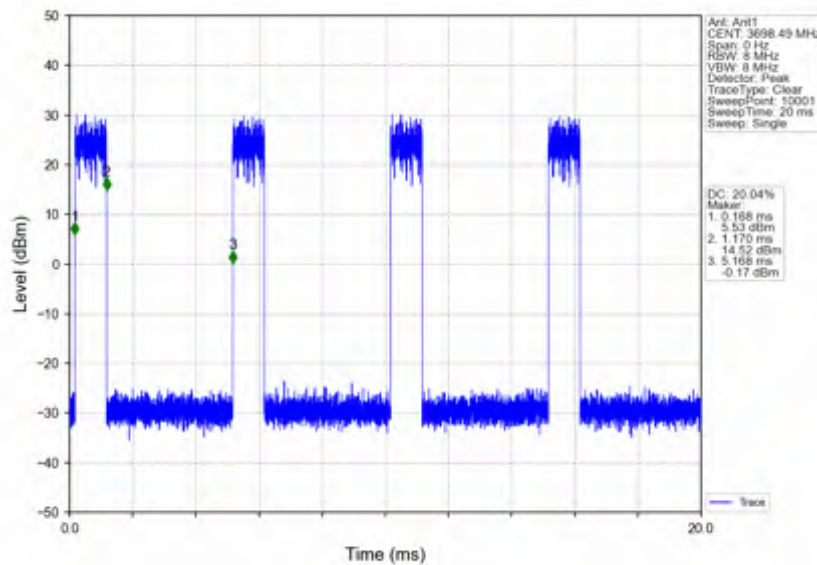
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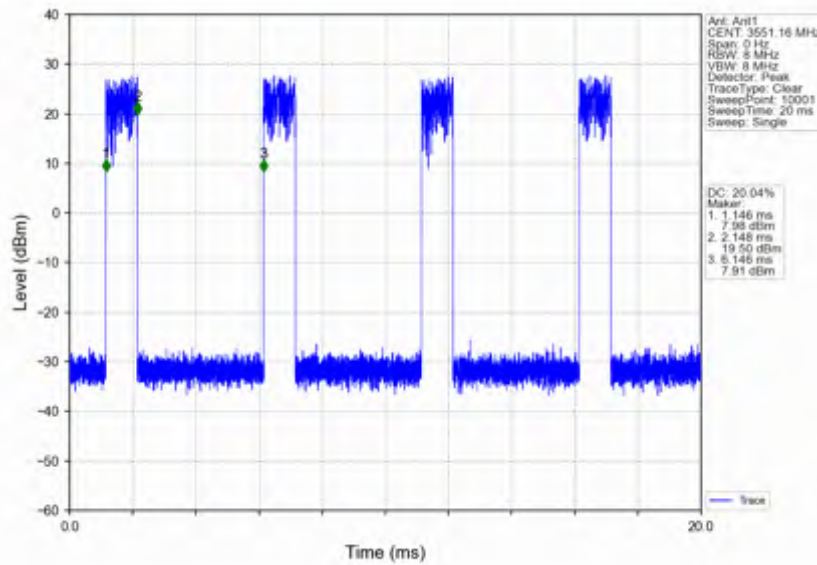
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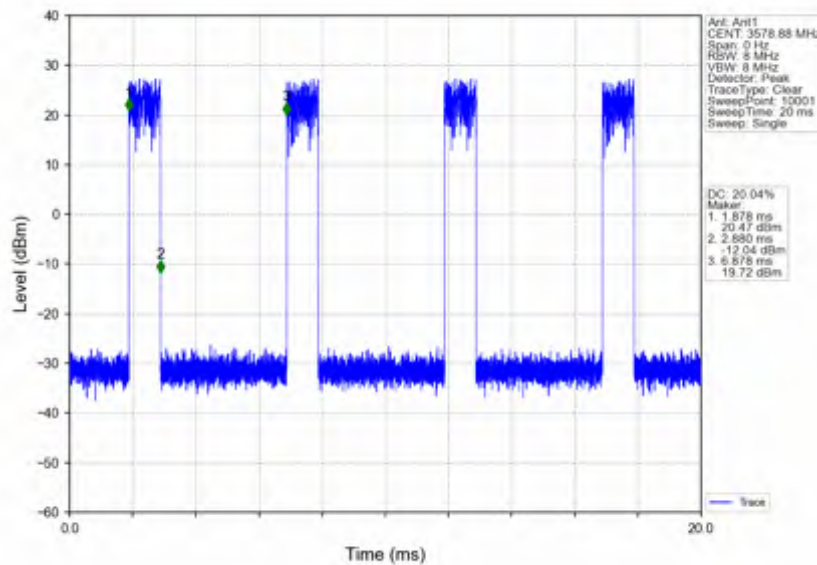
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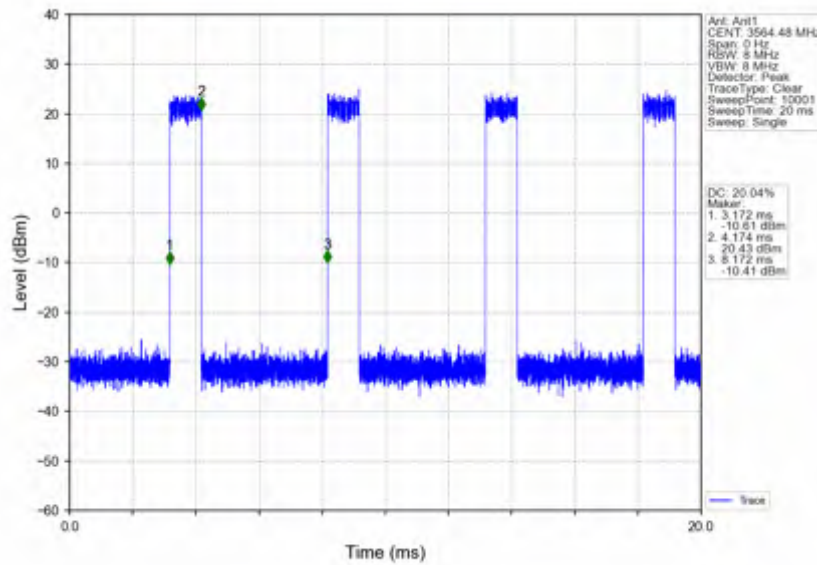
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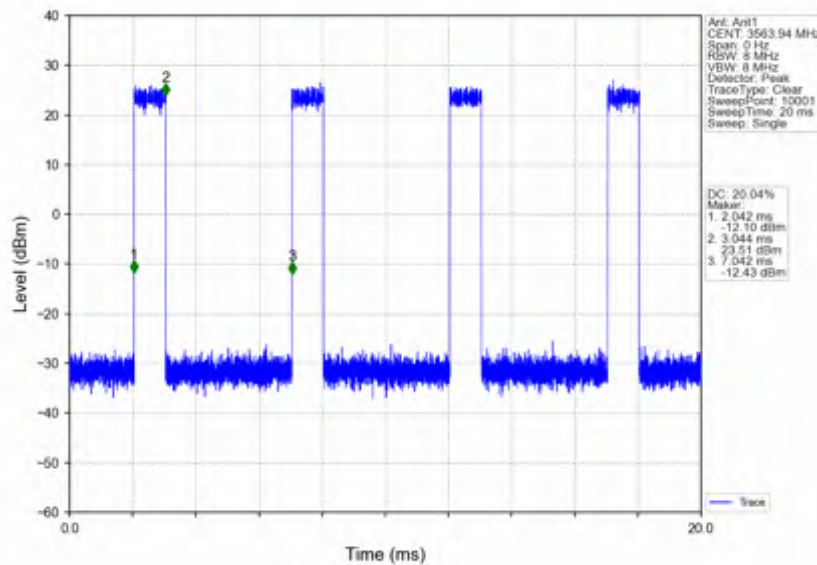
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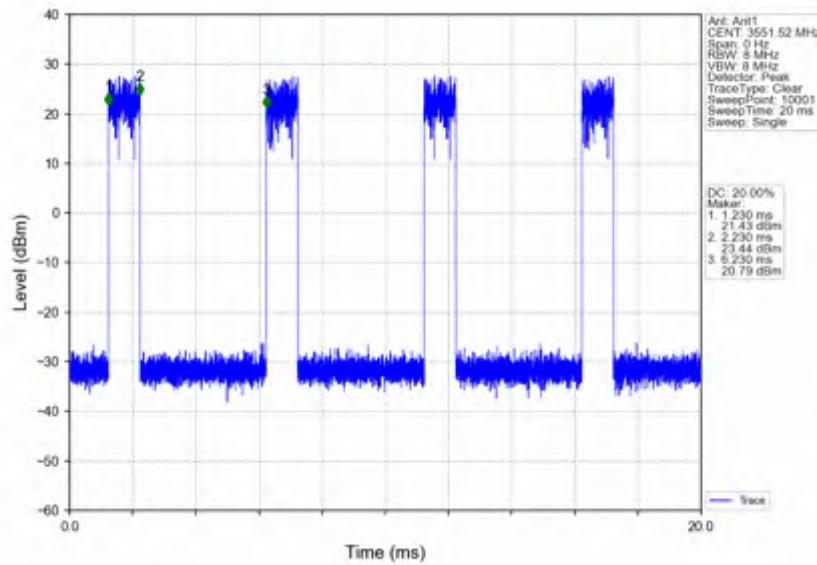
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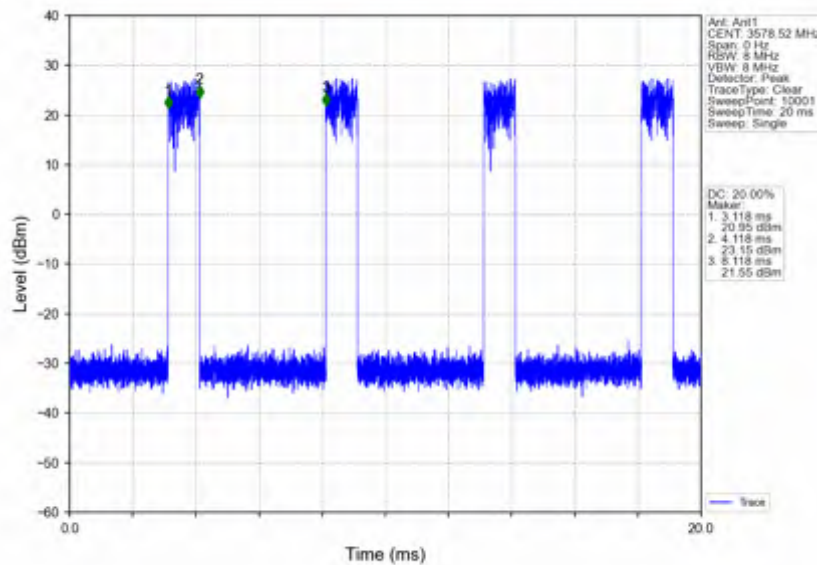
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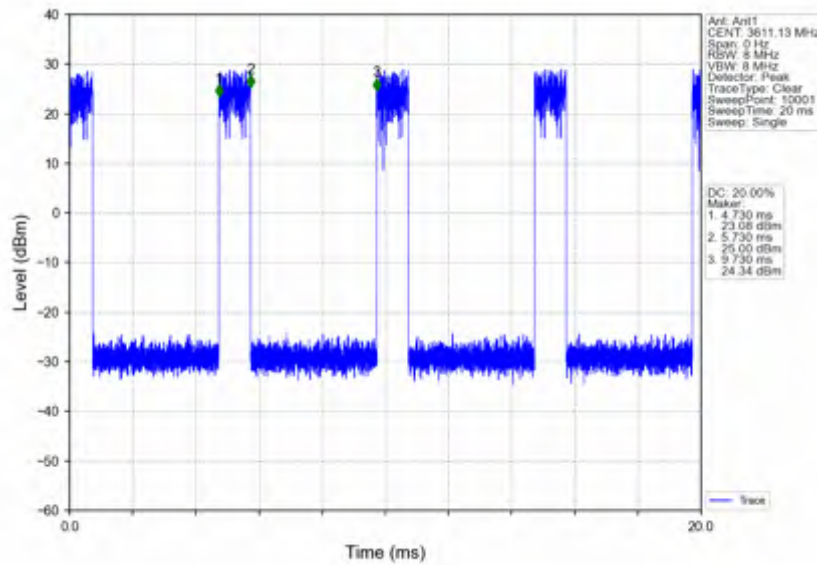
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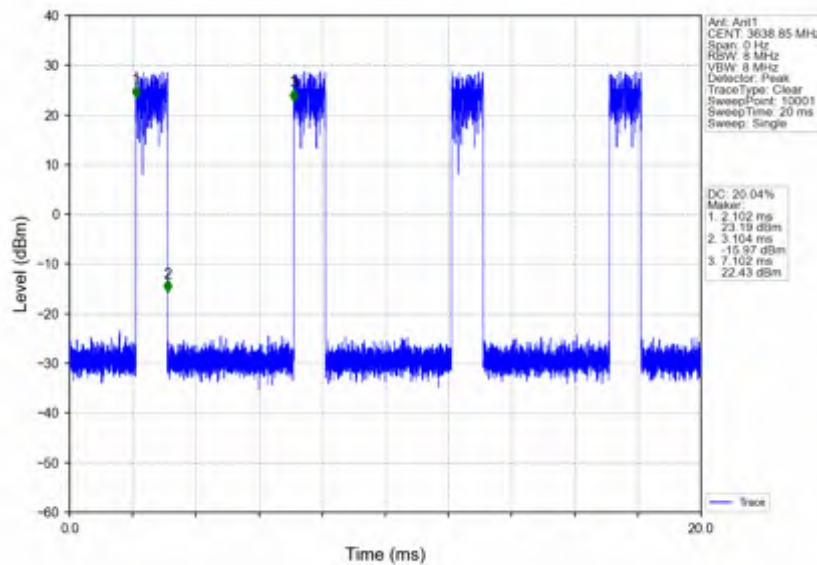
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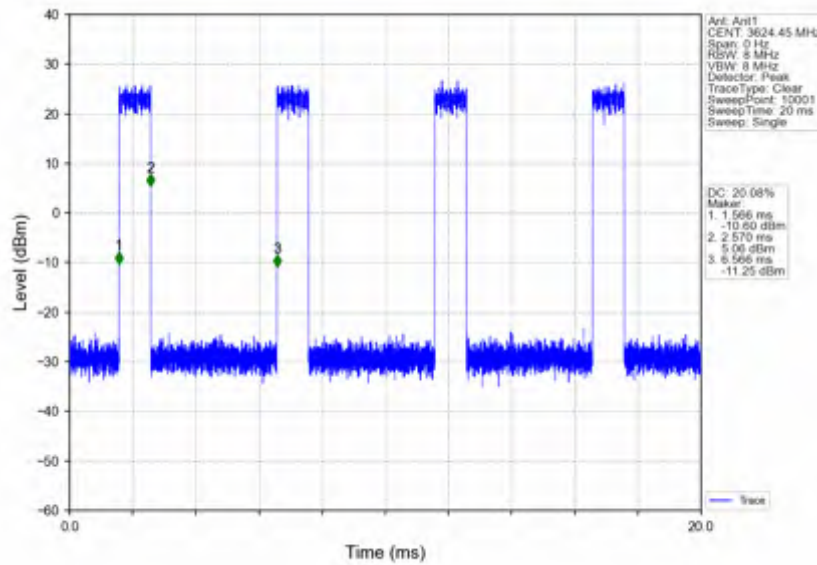
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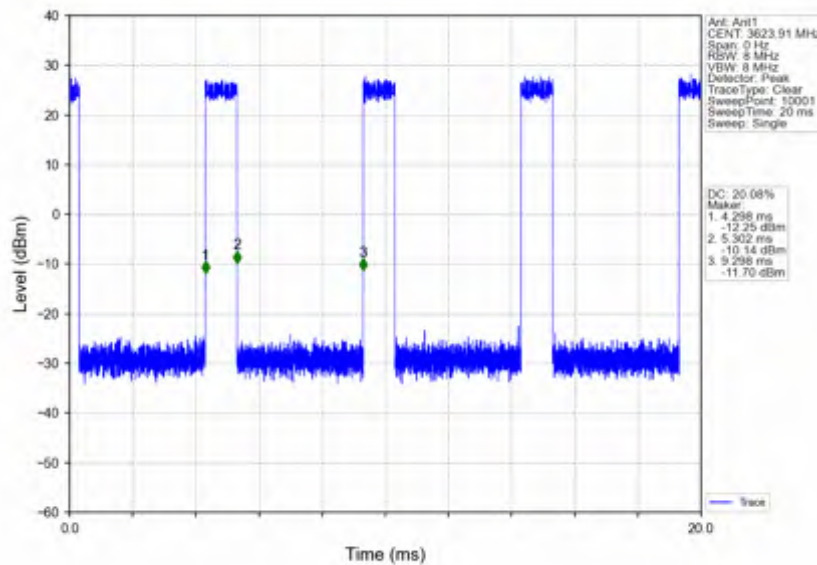
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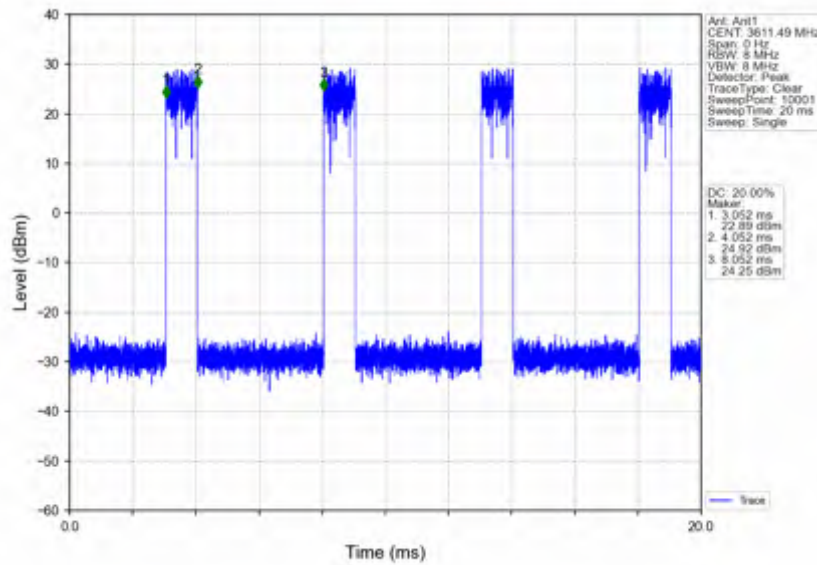
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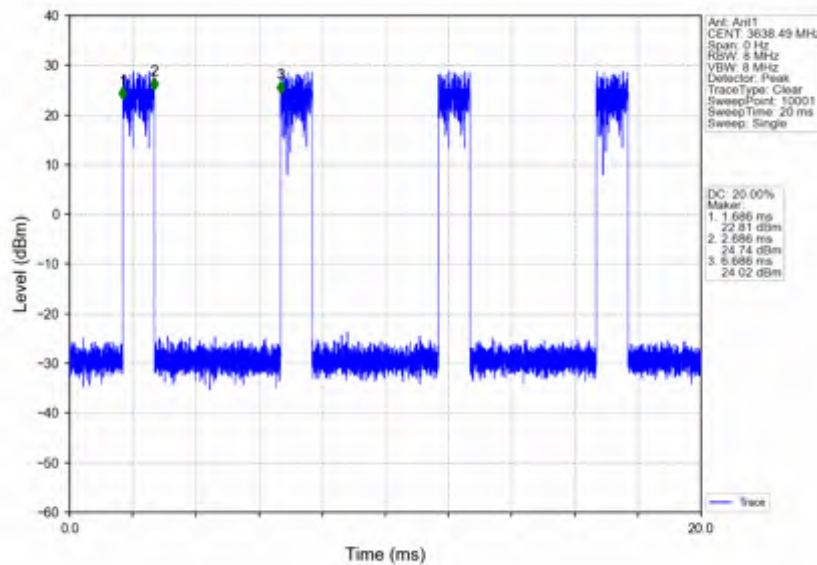
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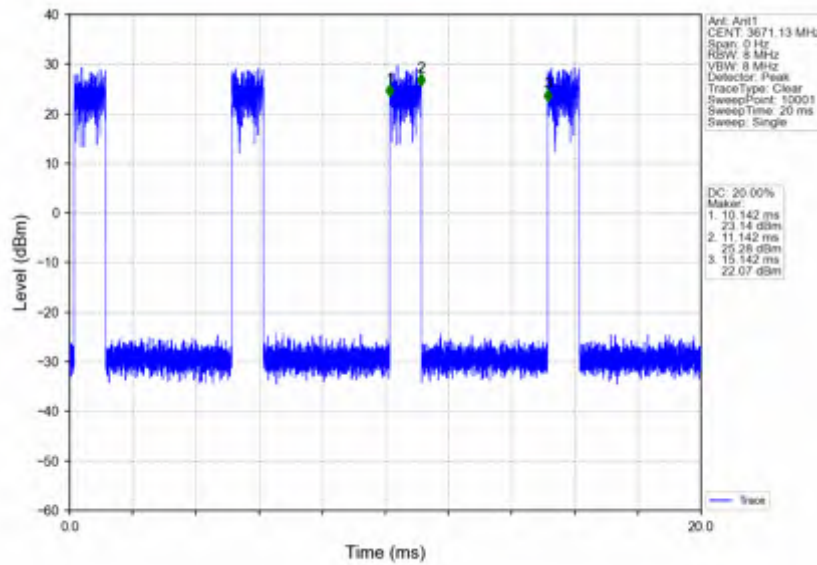
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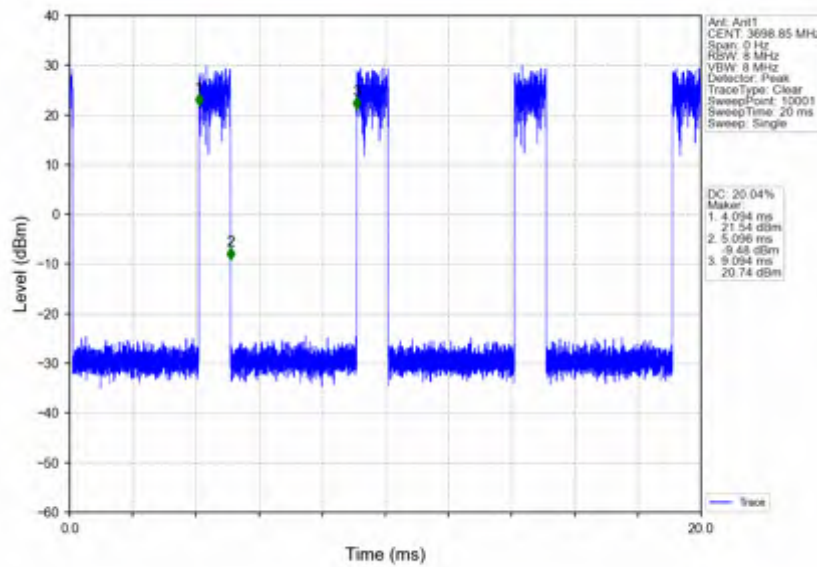
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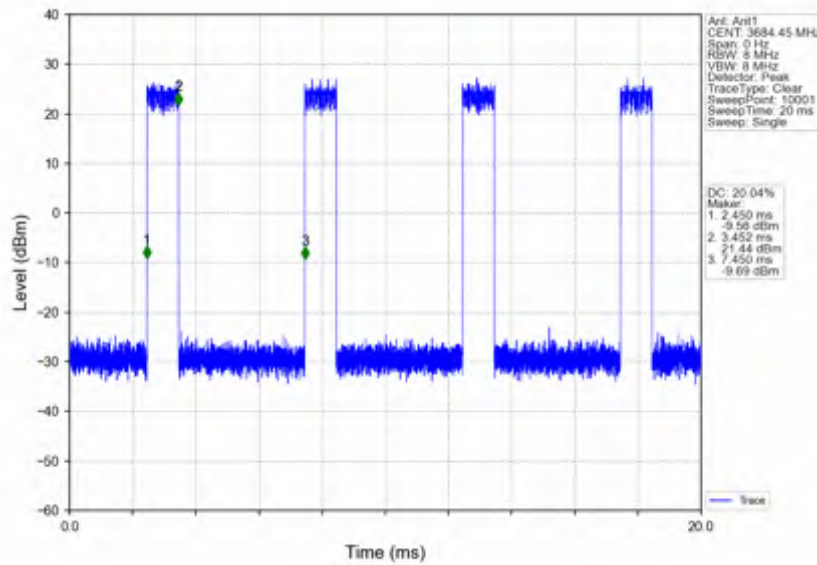
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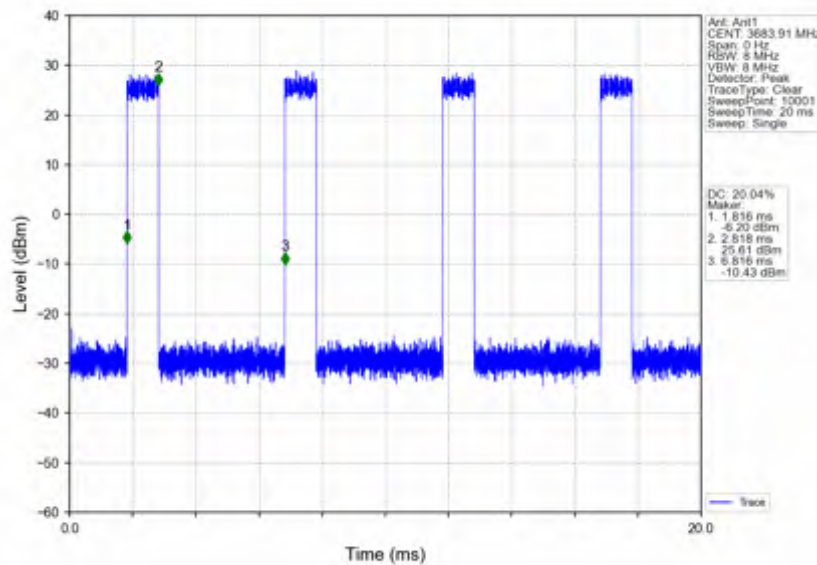
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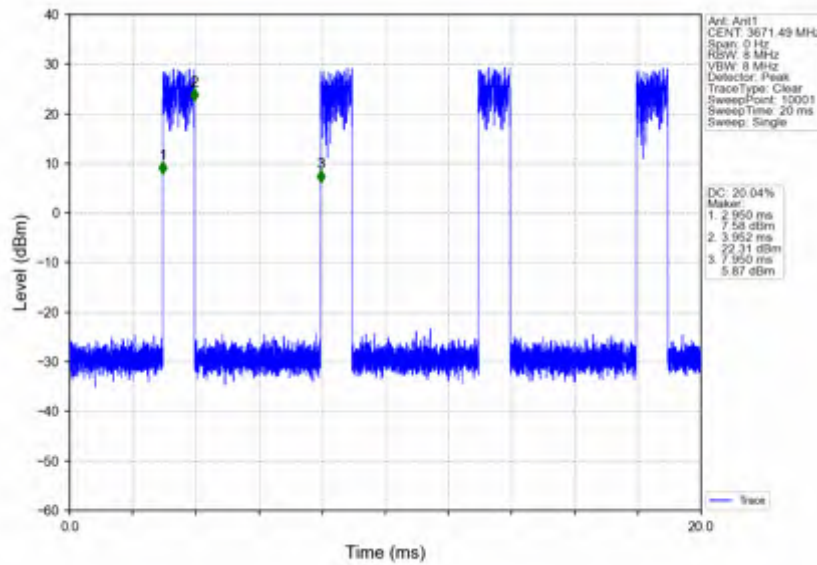
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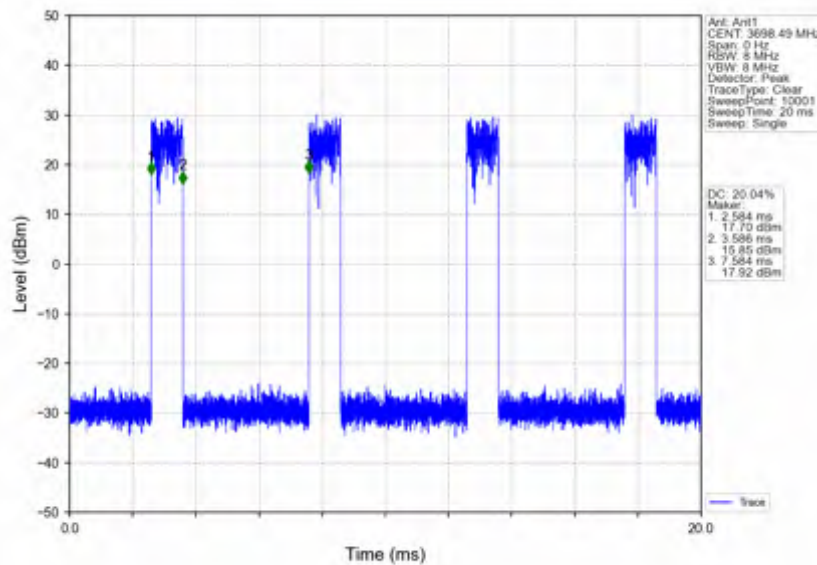
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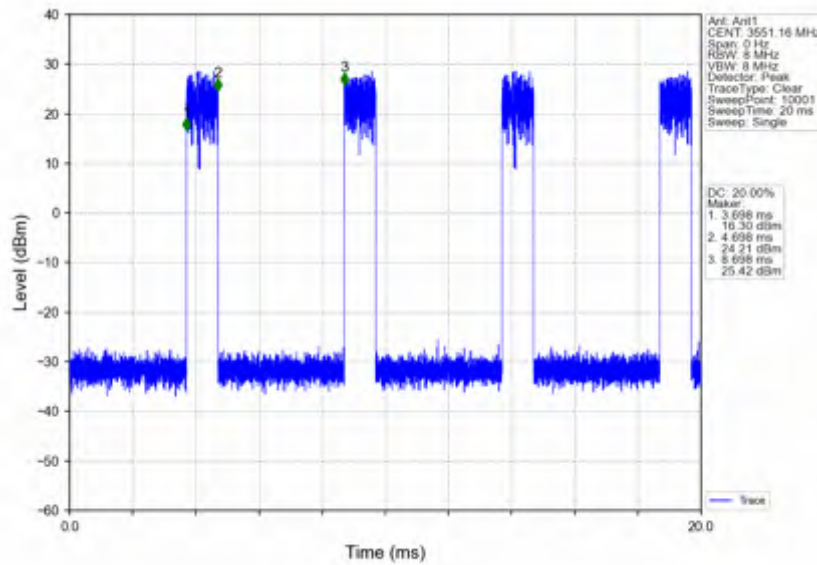
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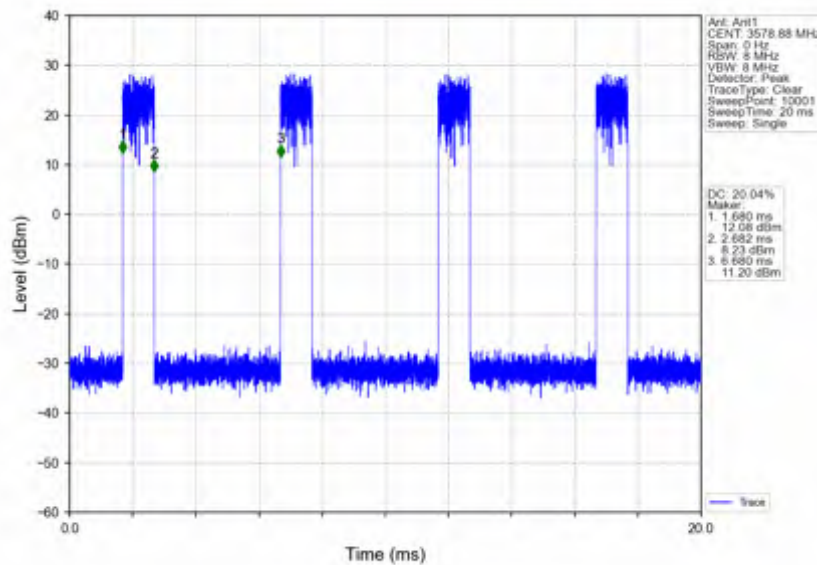
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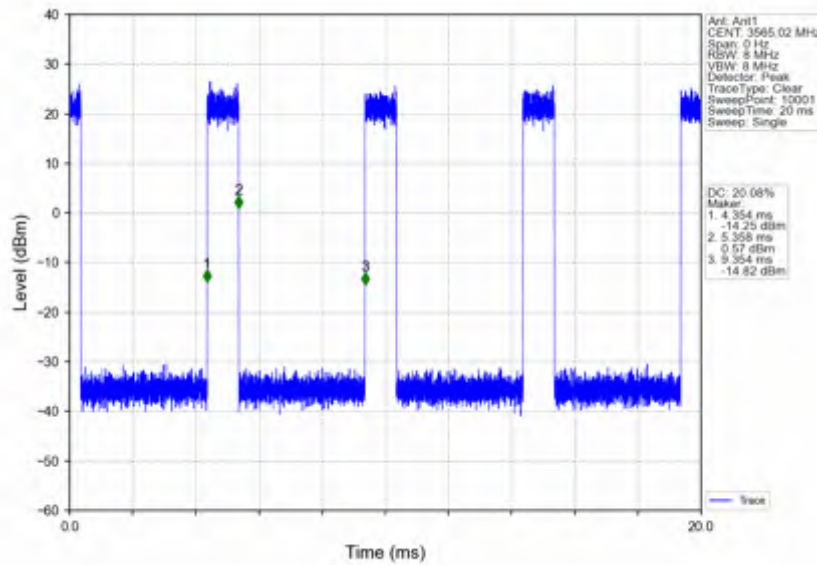
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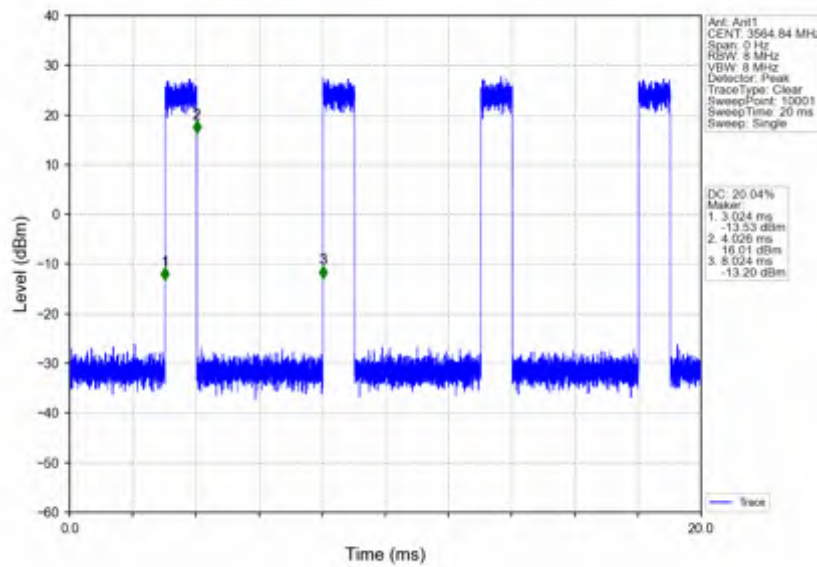
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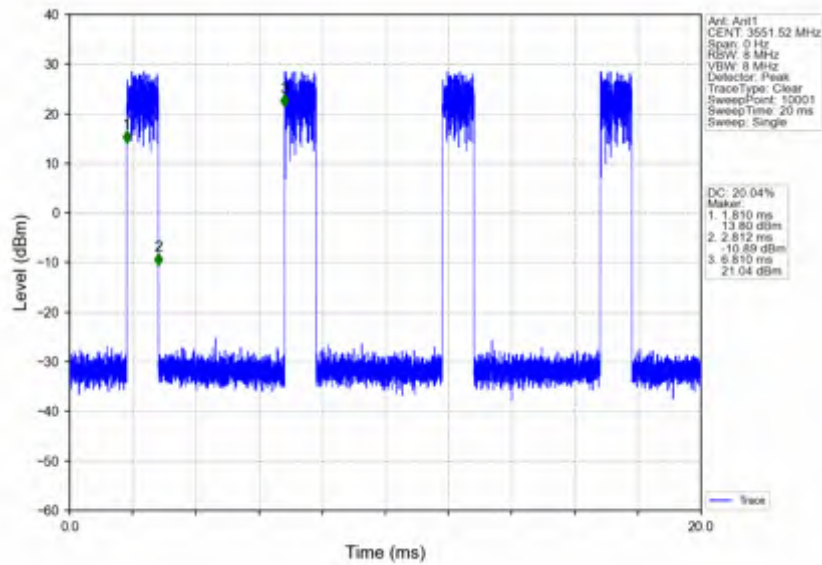
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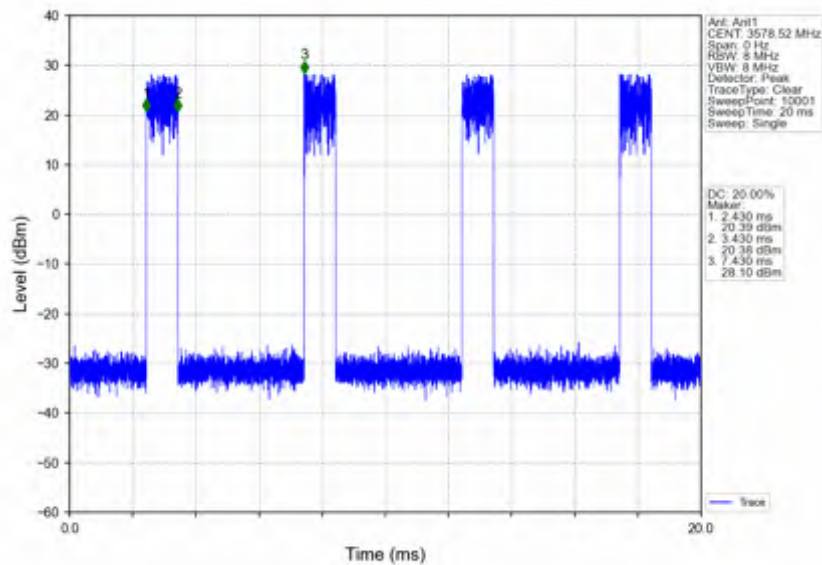
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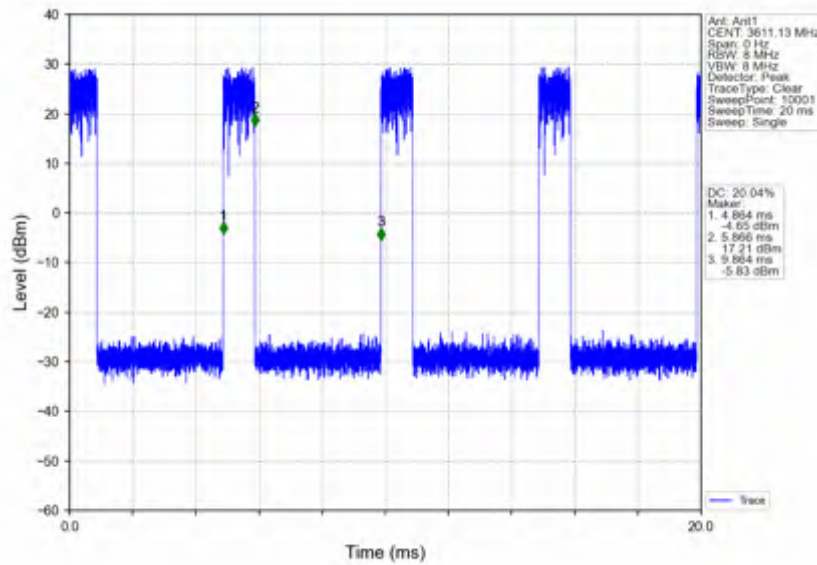
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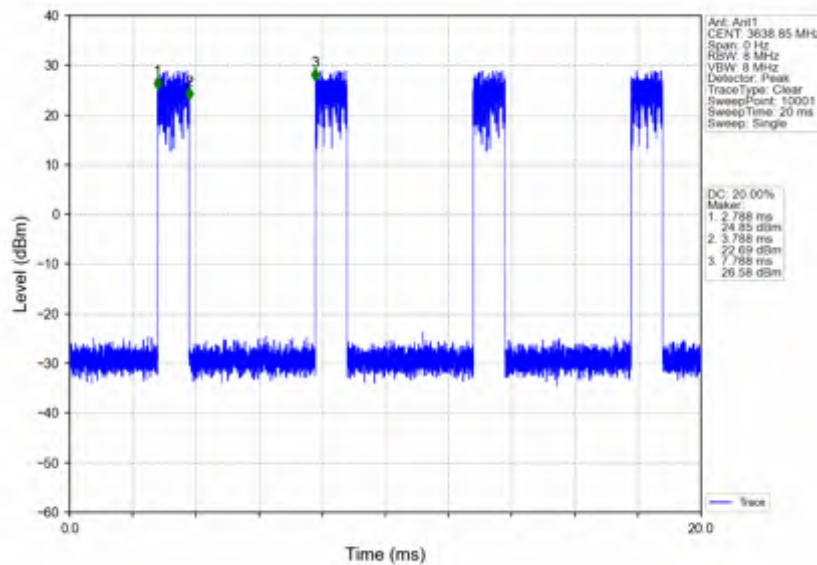
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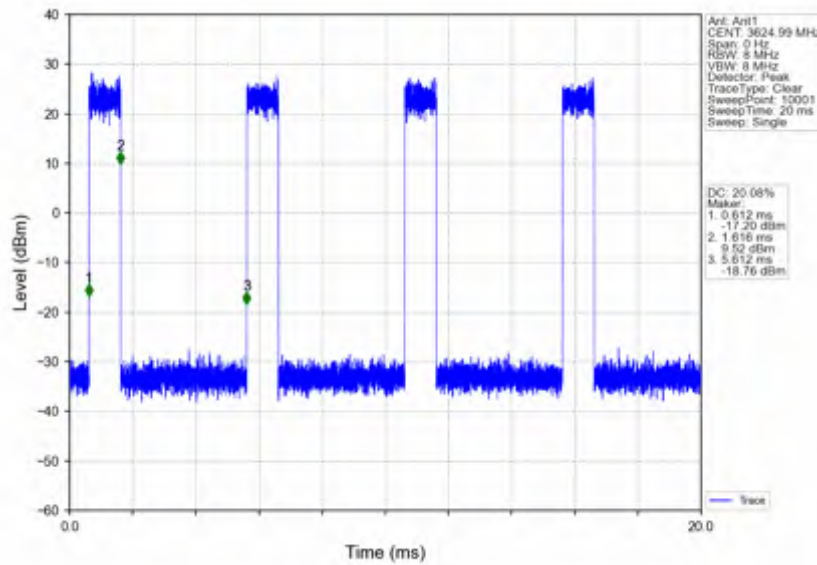
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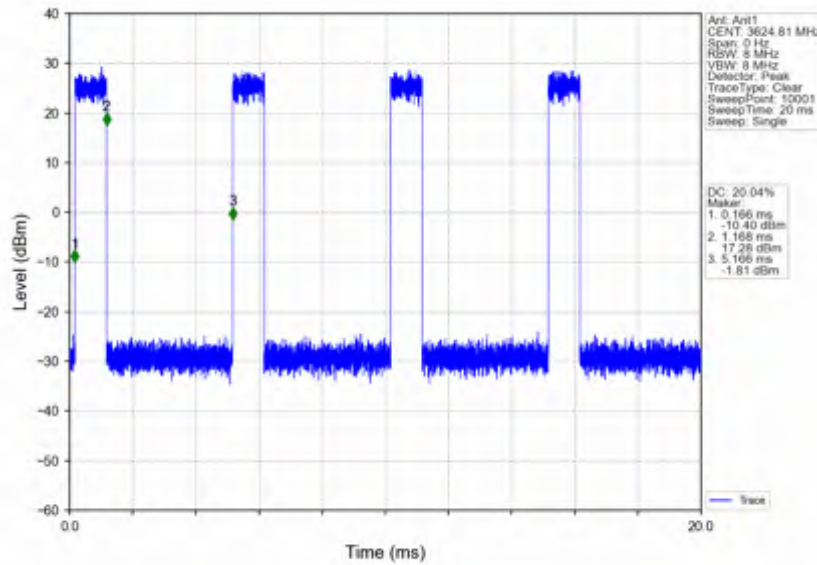
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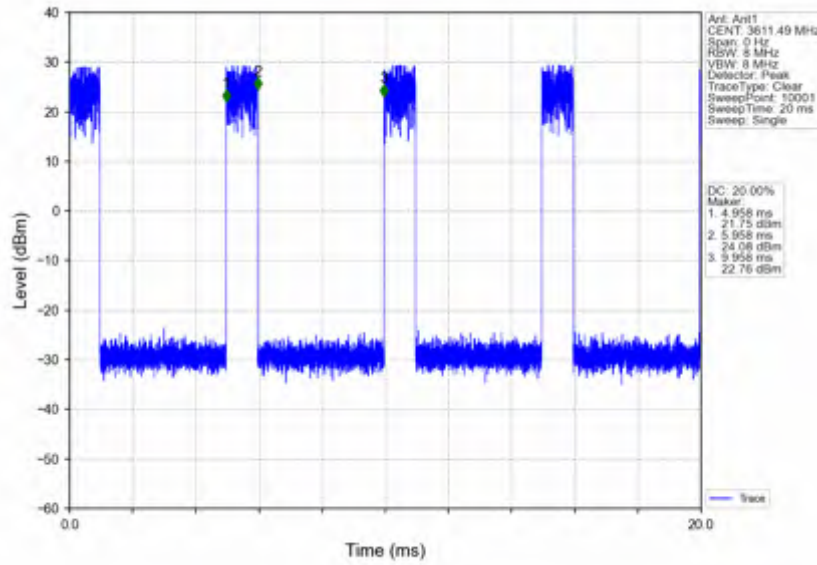
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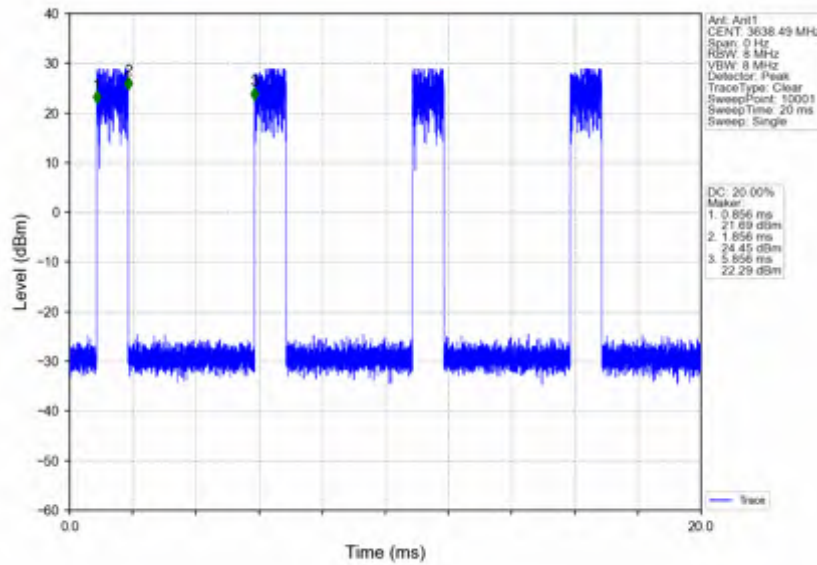
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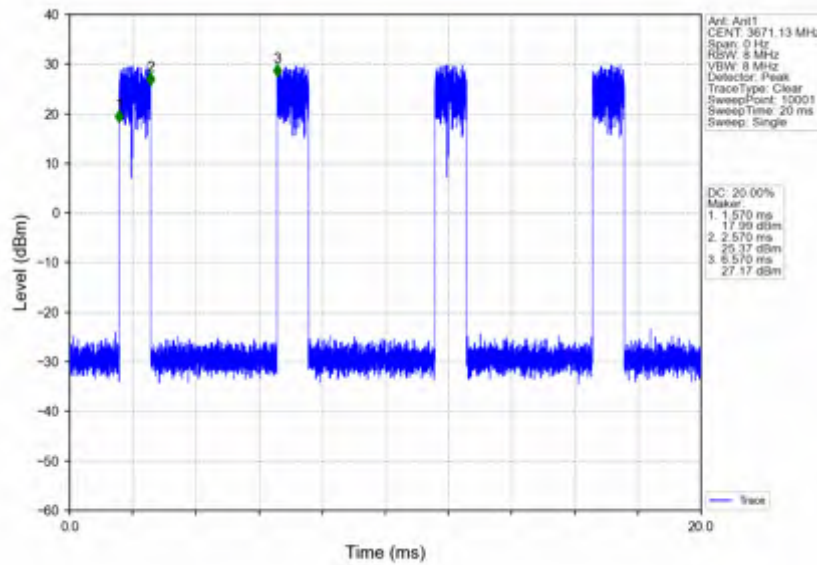
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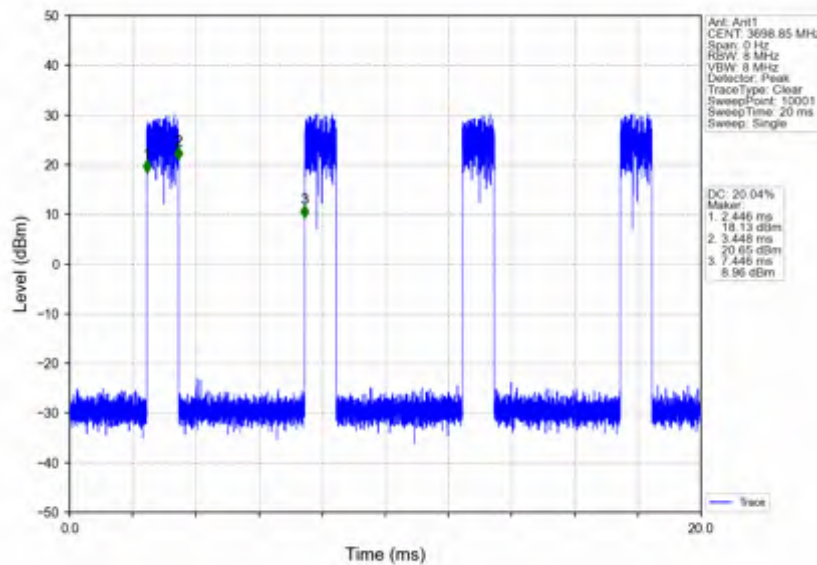
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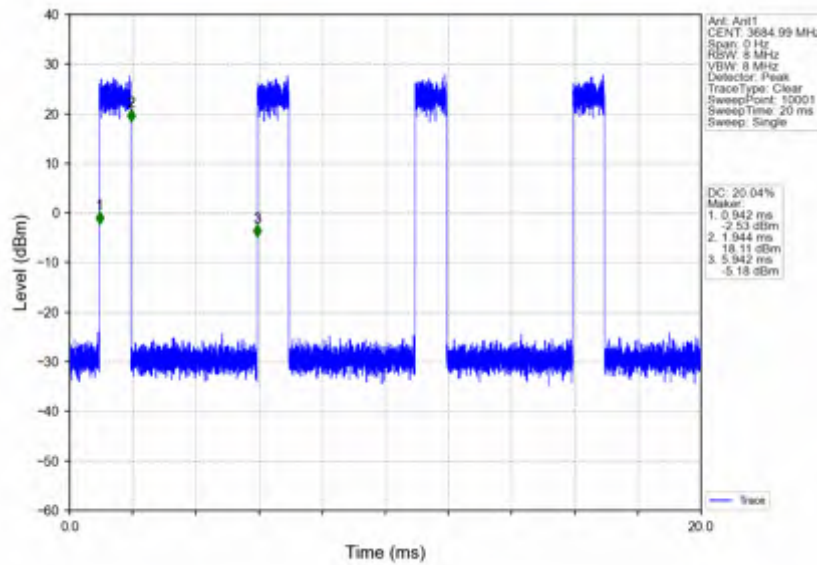
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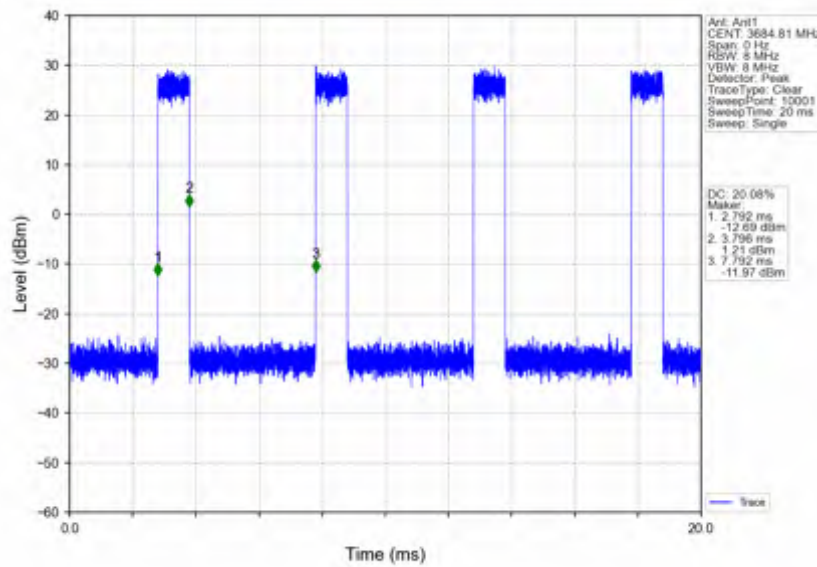
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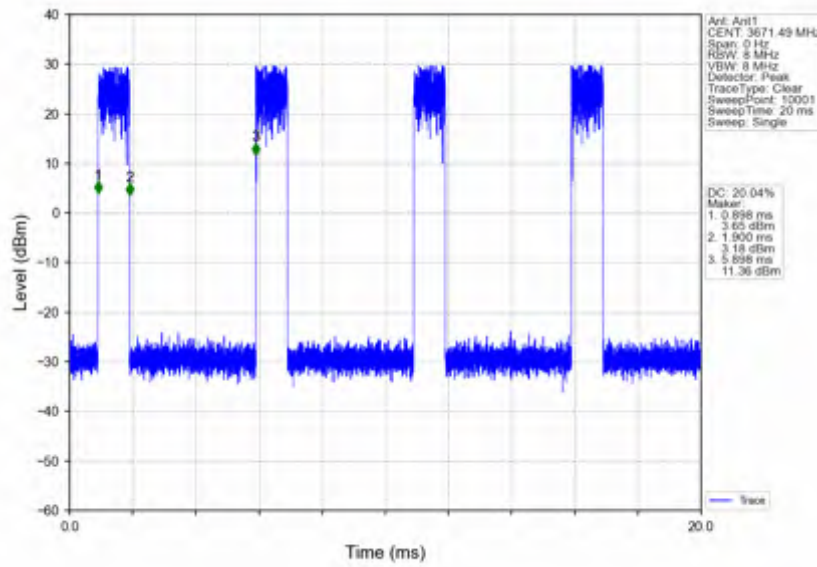
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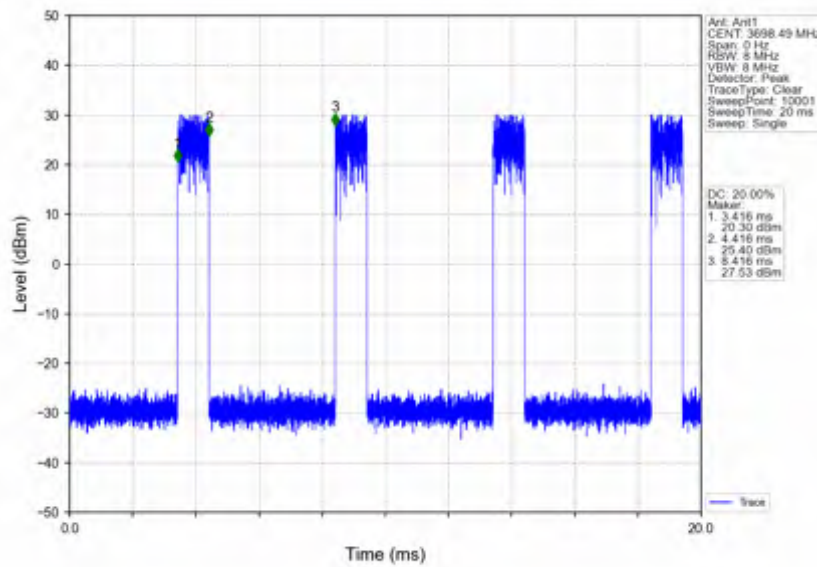
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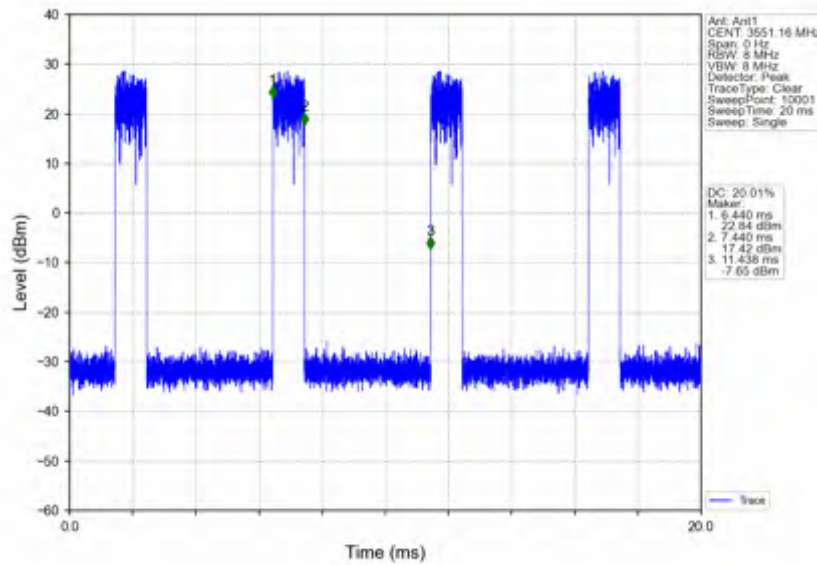
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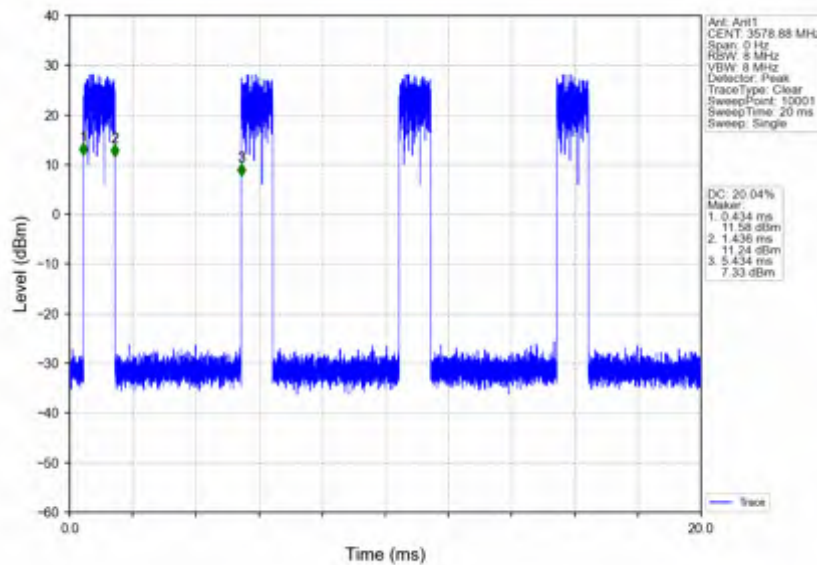
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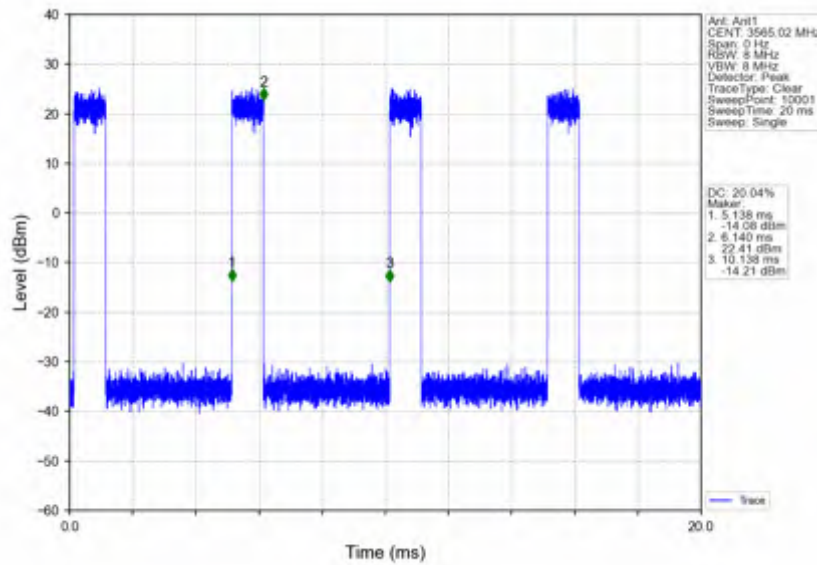
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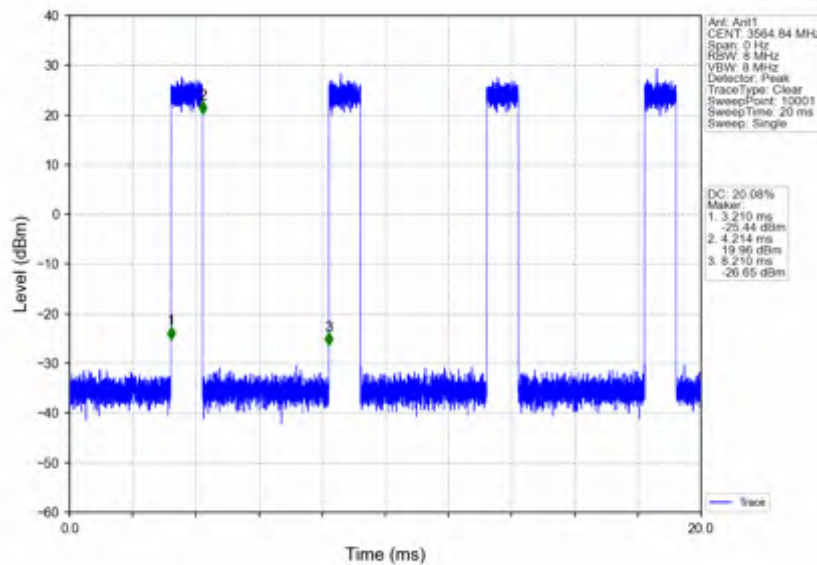
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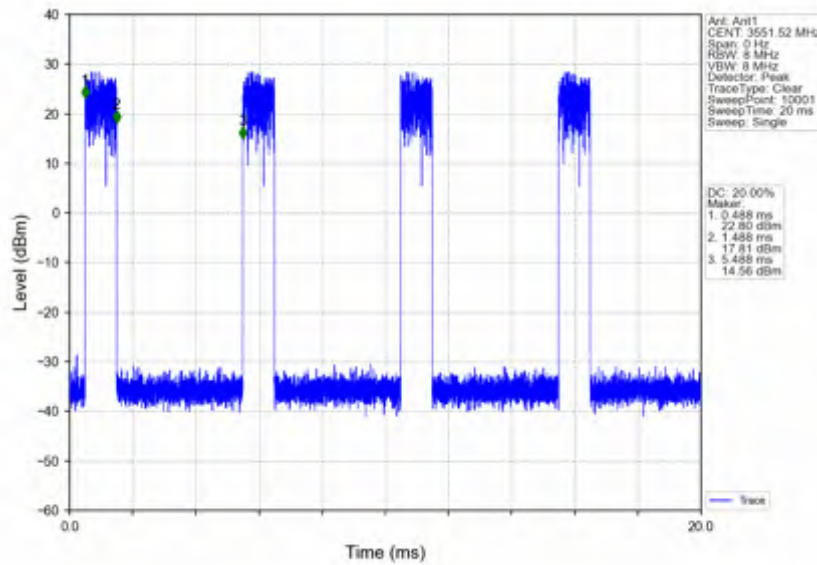
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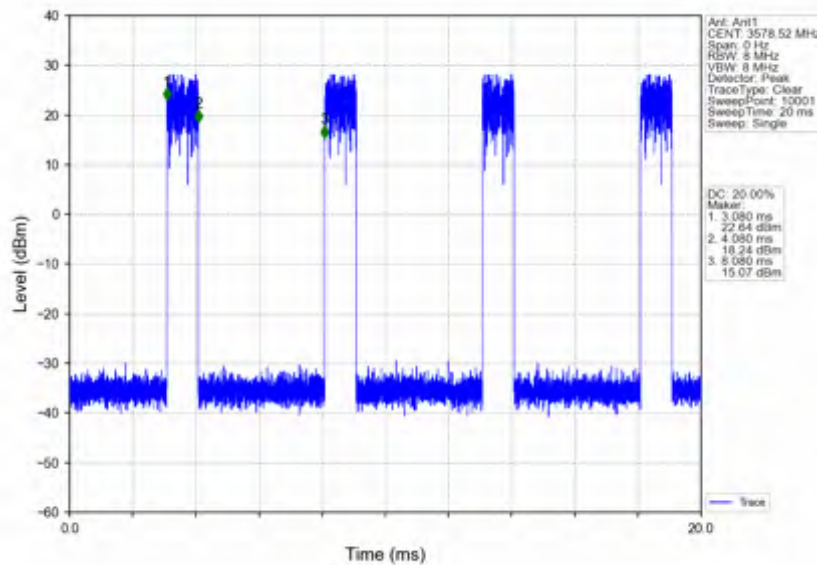
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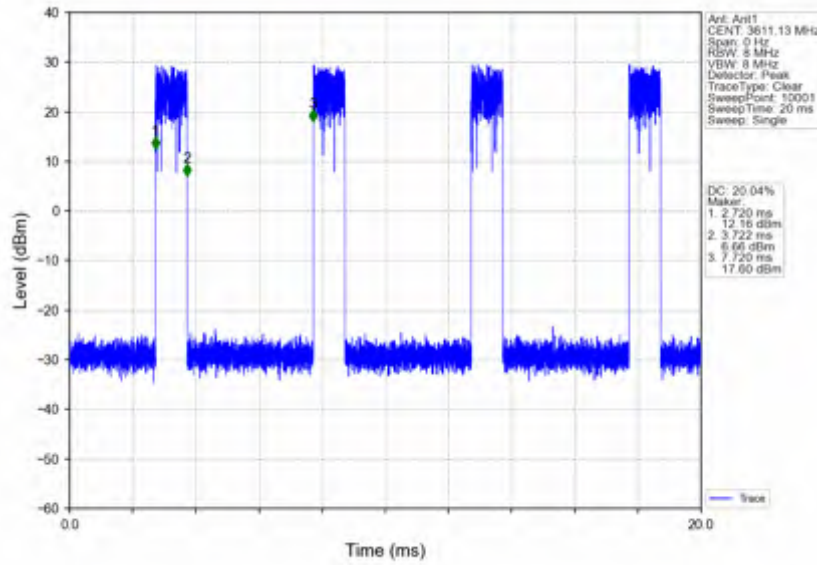
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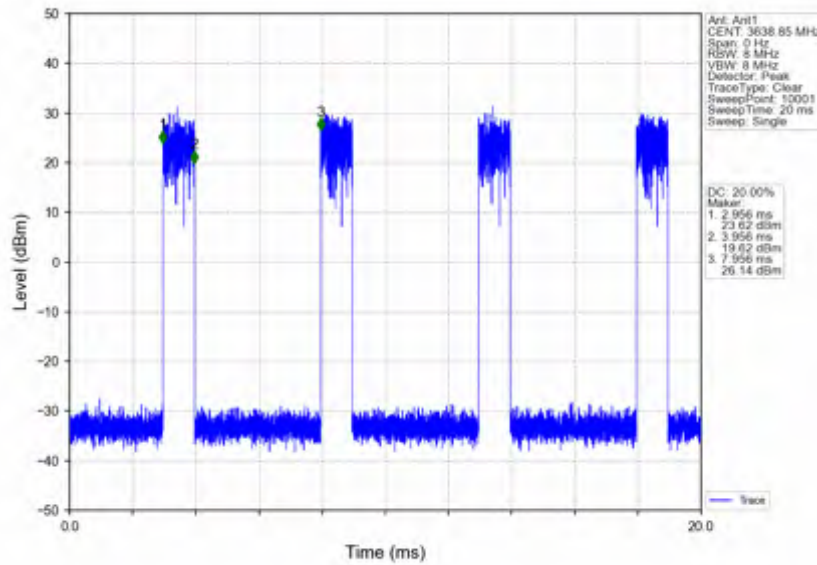
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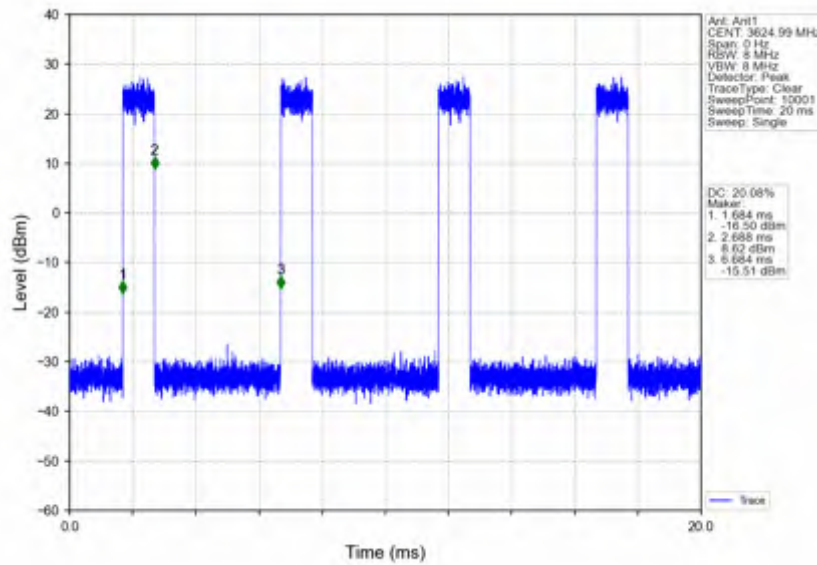
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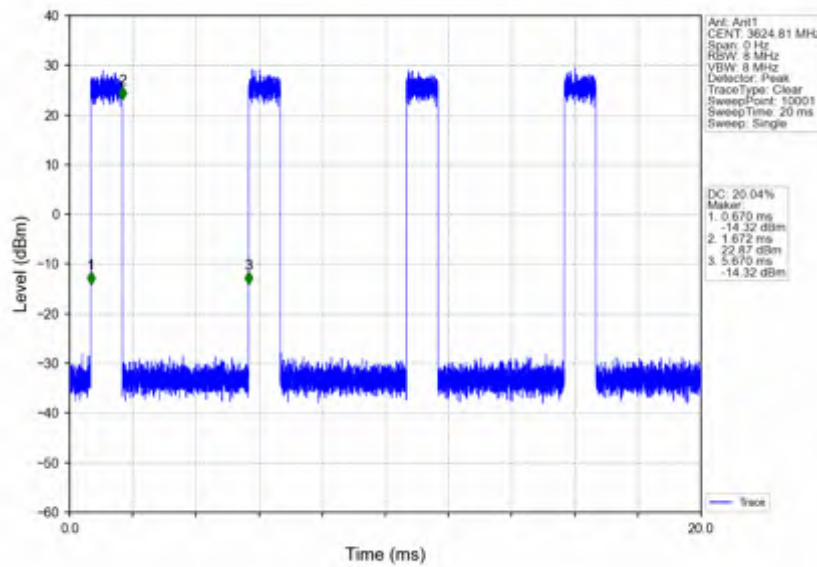
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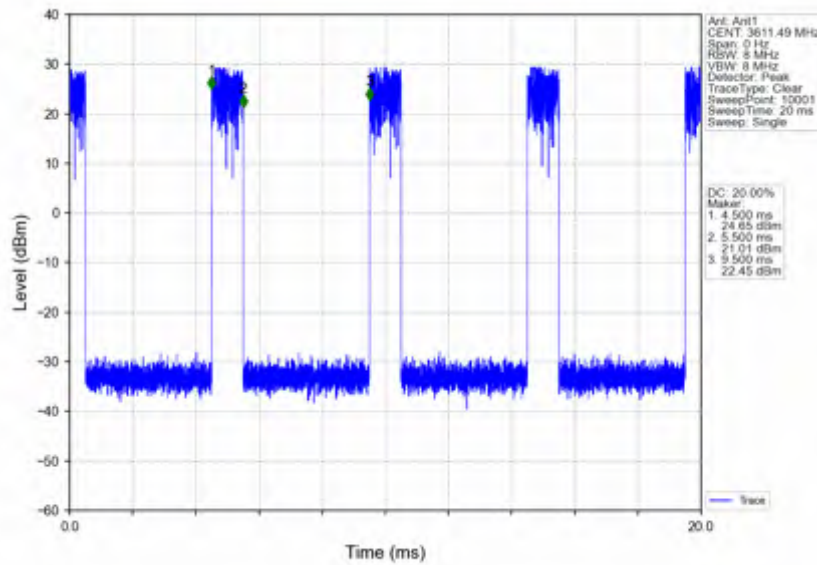
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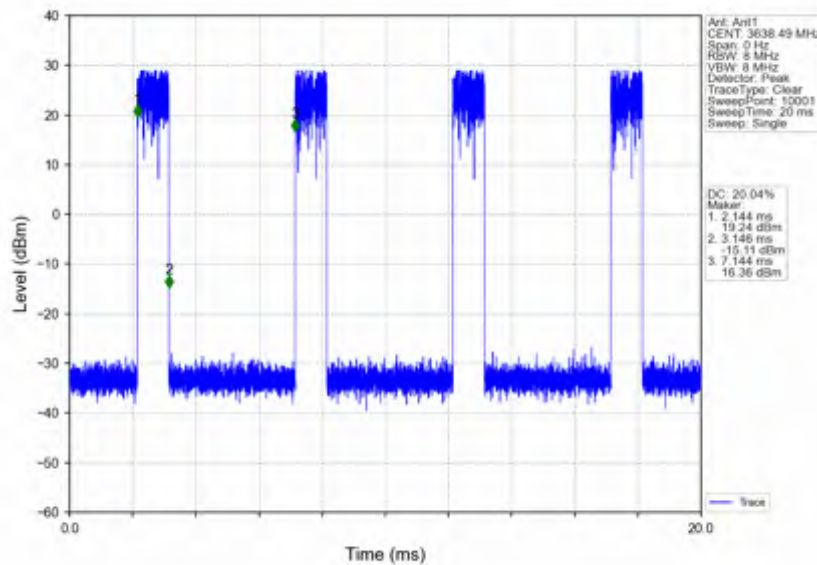
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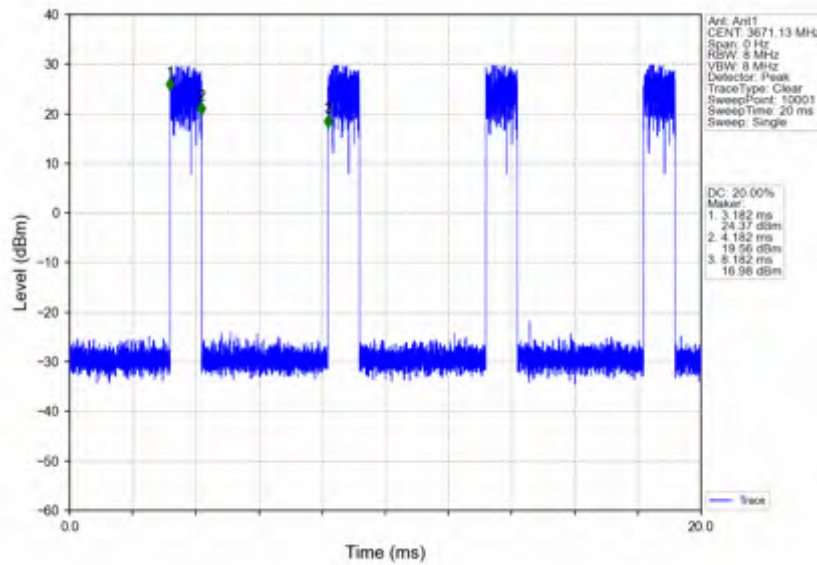
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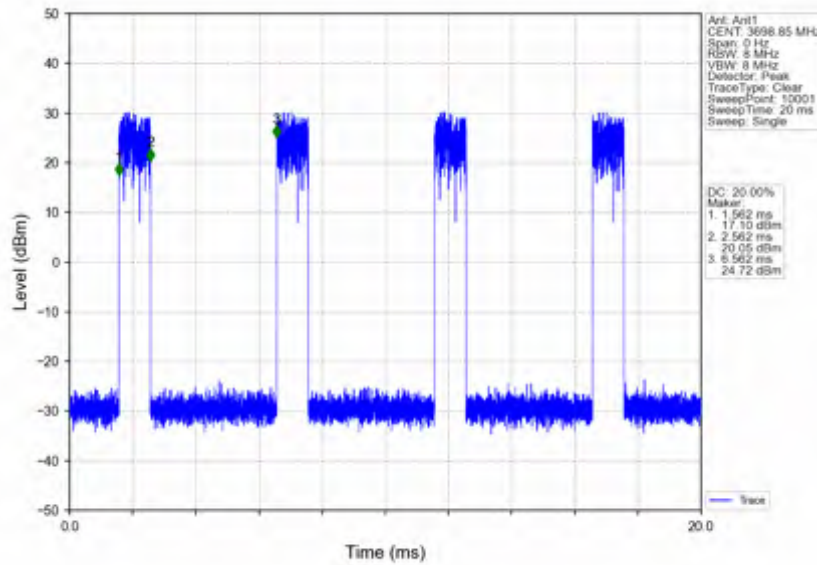
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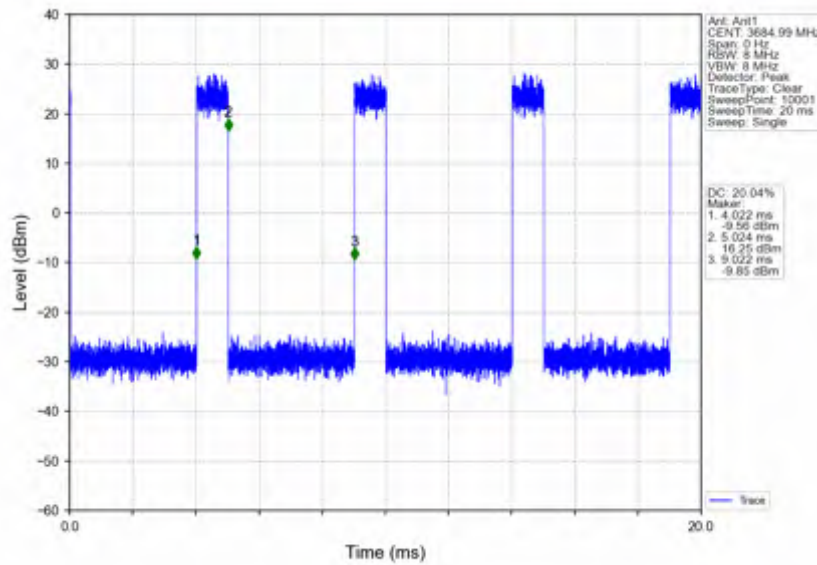
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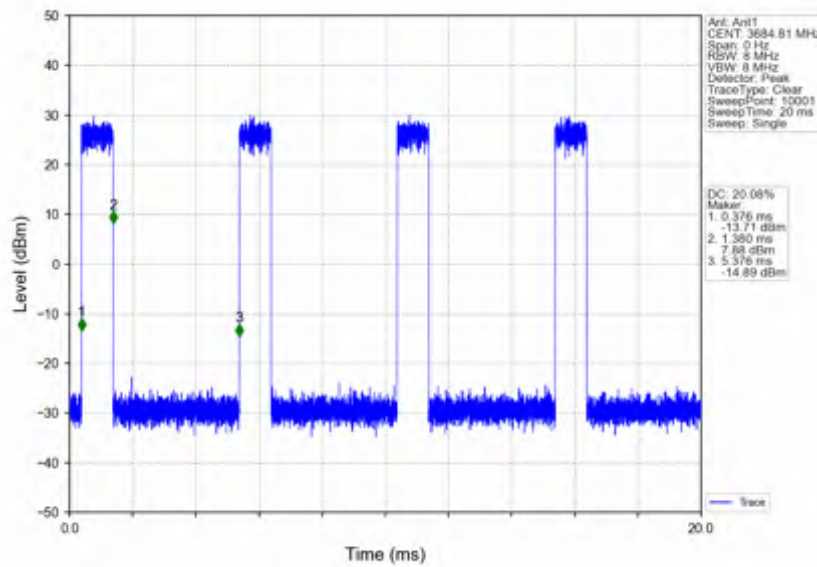
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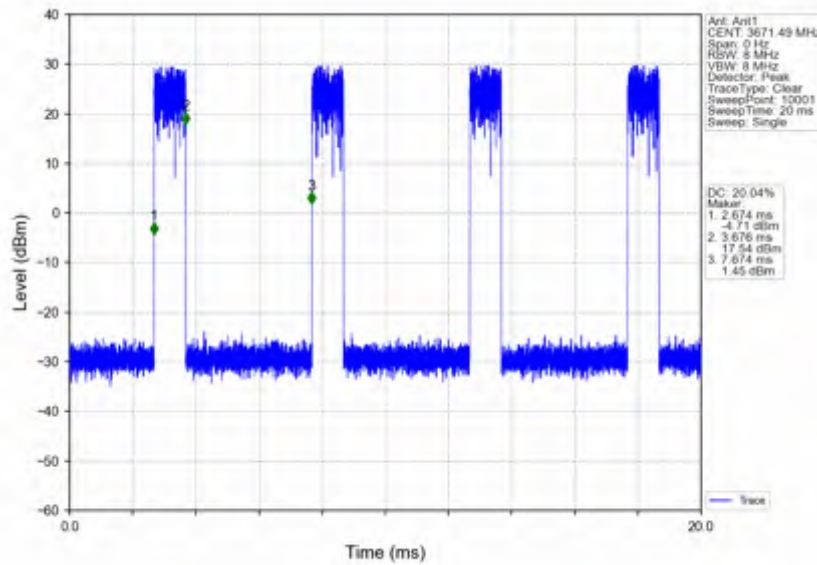
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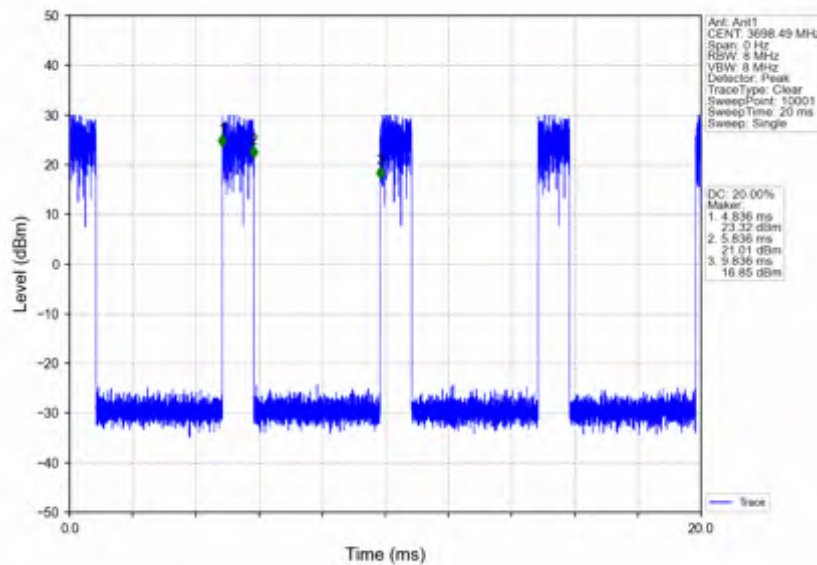
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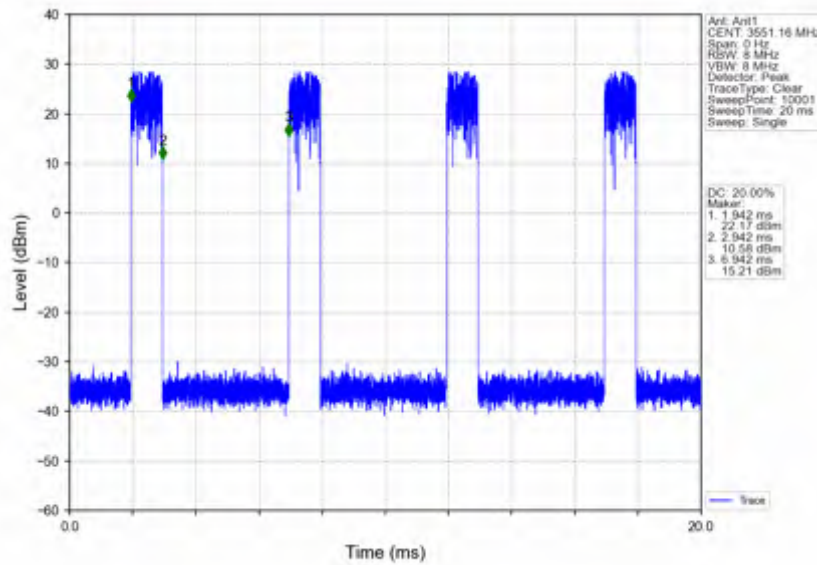
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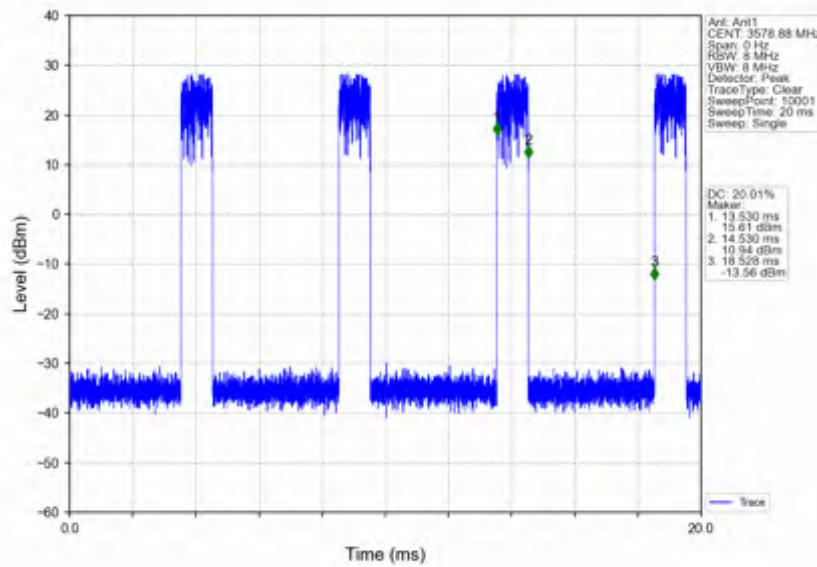
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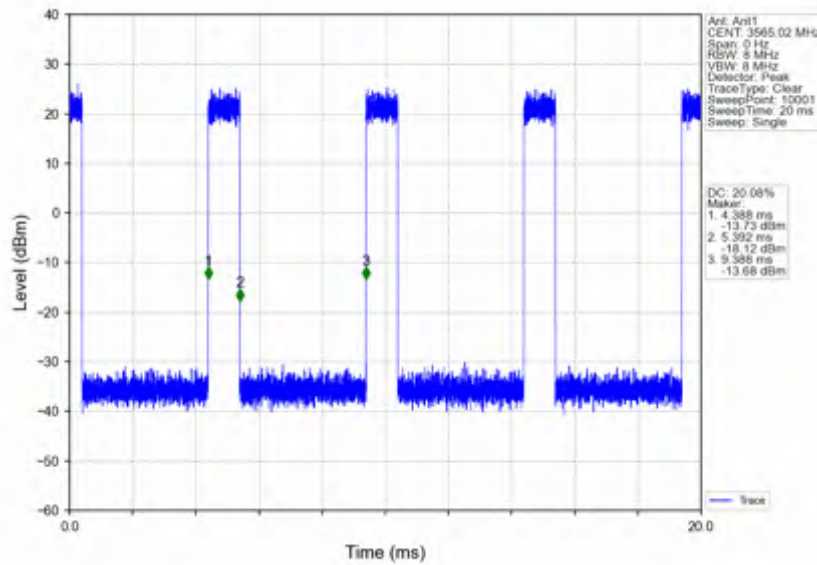
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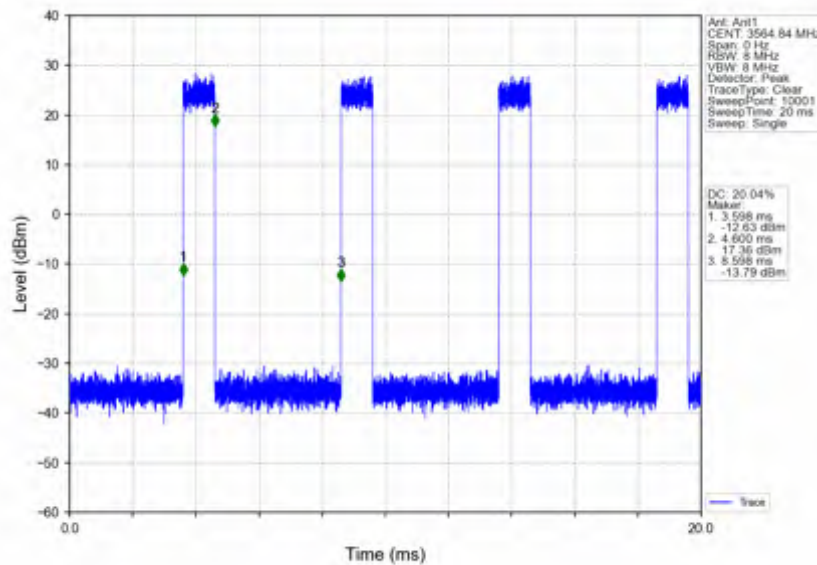
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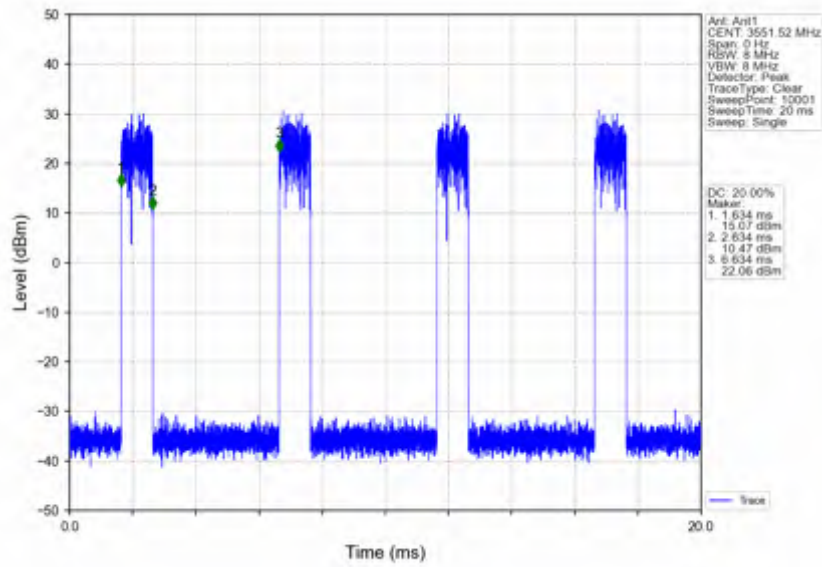
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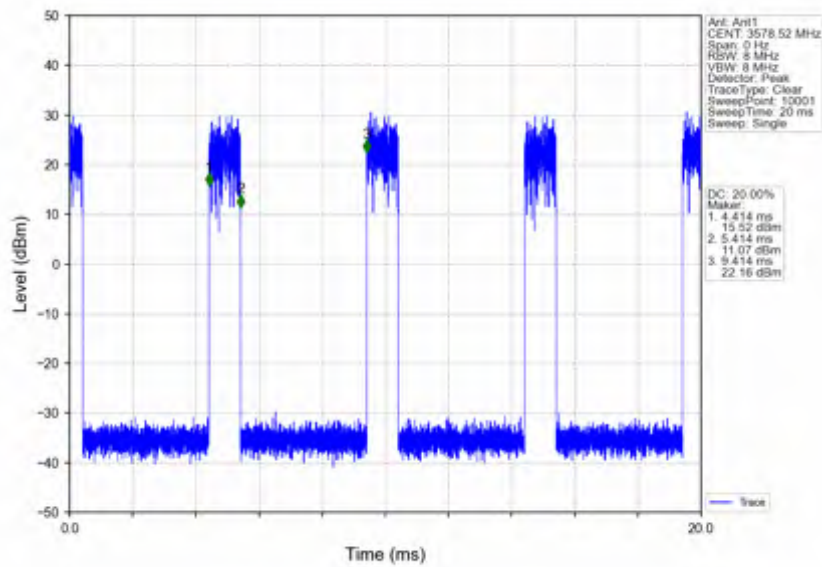
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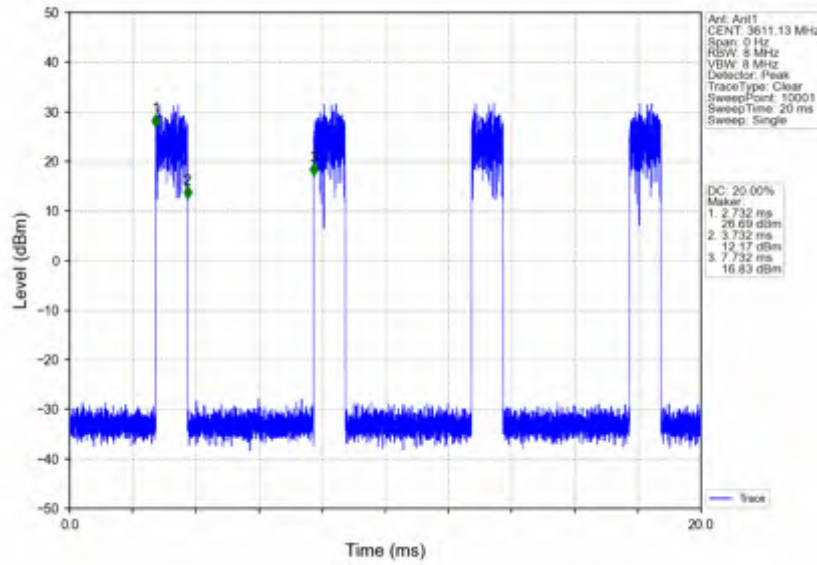
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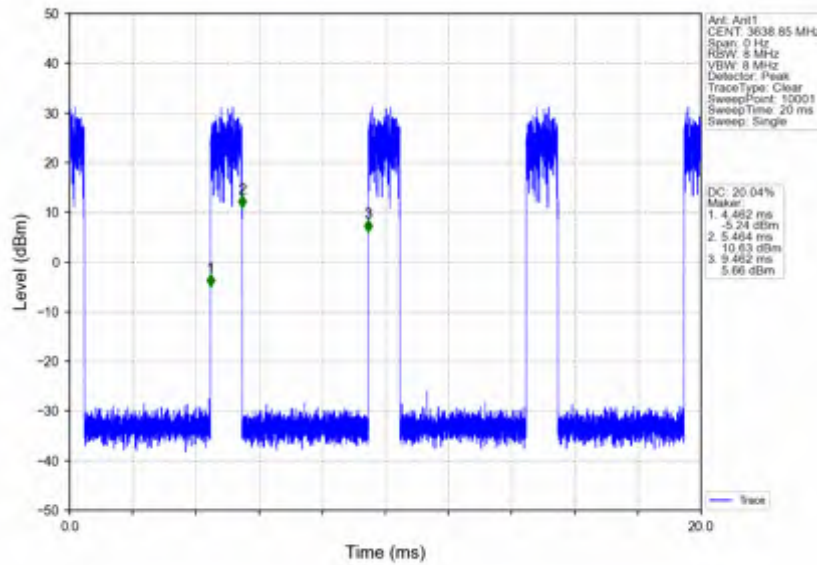
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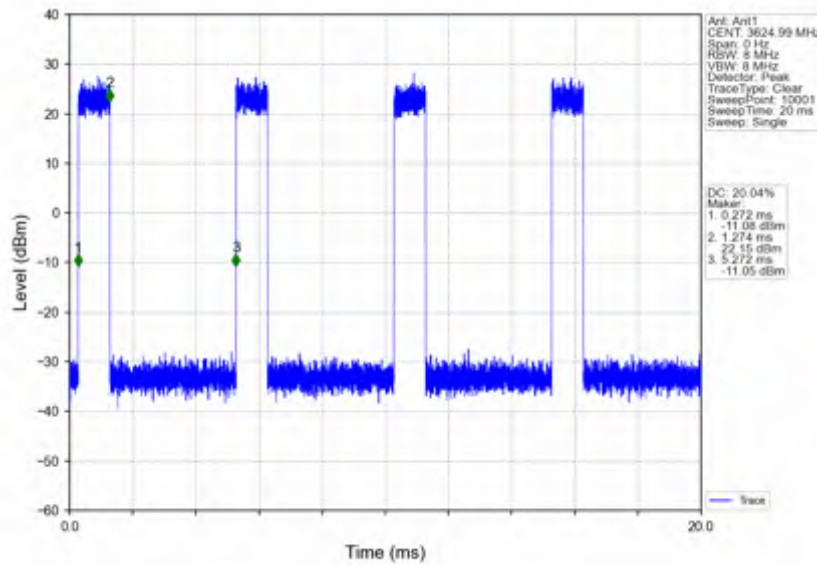
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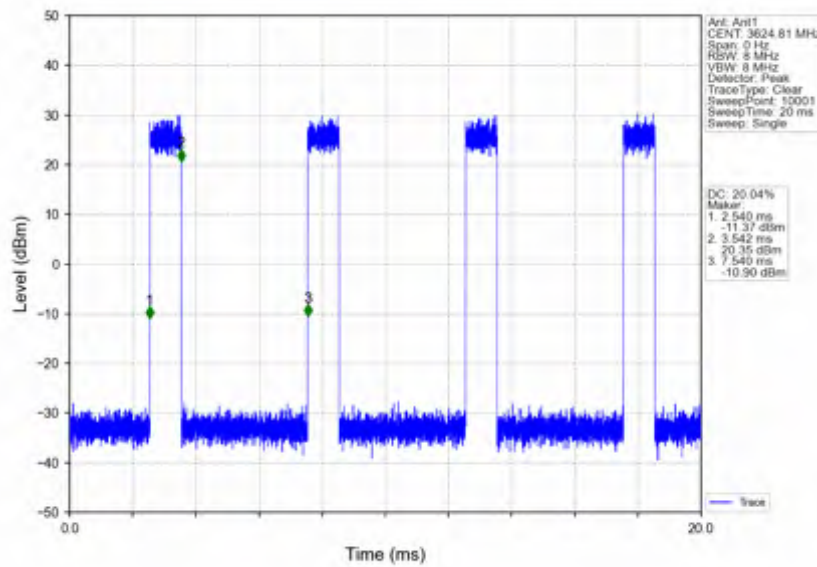
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3624.99MHz_Edge_1RB_Right



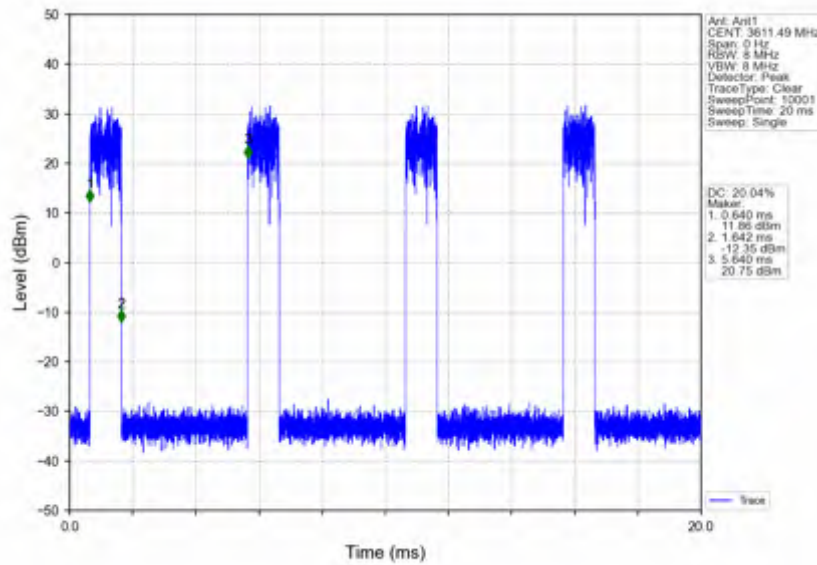
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full



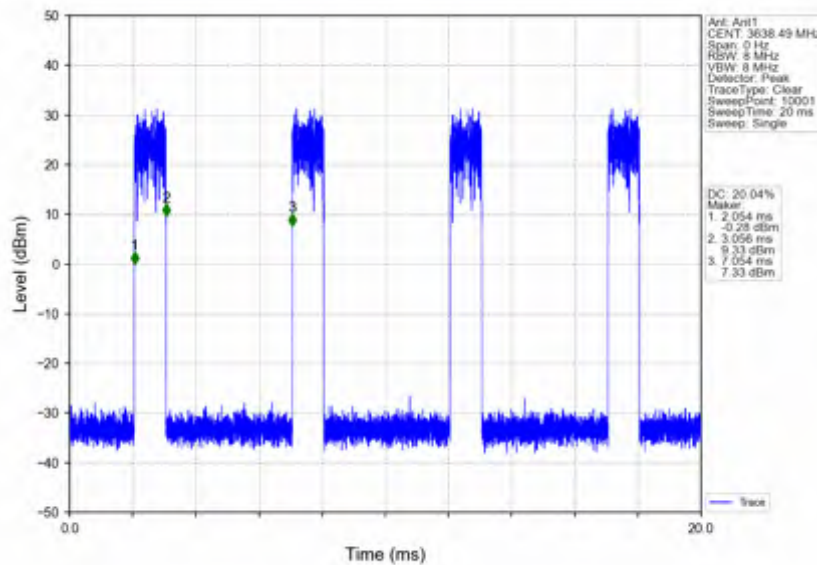
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3624.99MHz_Inner_Full



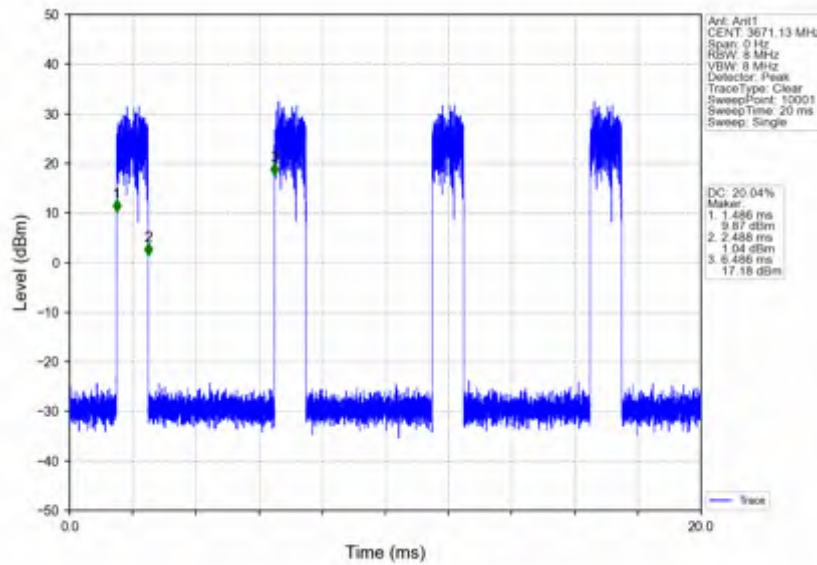
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3624.99MHz_Inner_1RB_Left



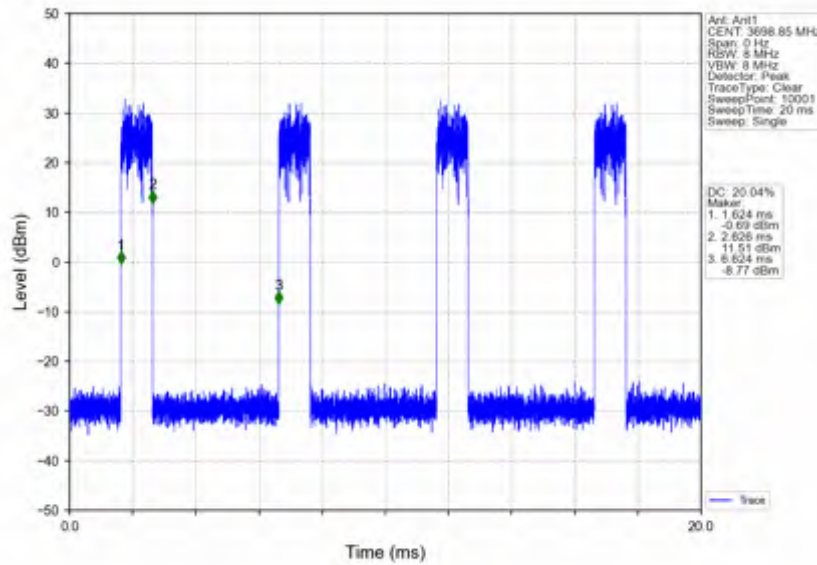
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3624.99MHz_Inner_1RB_Right



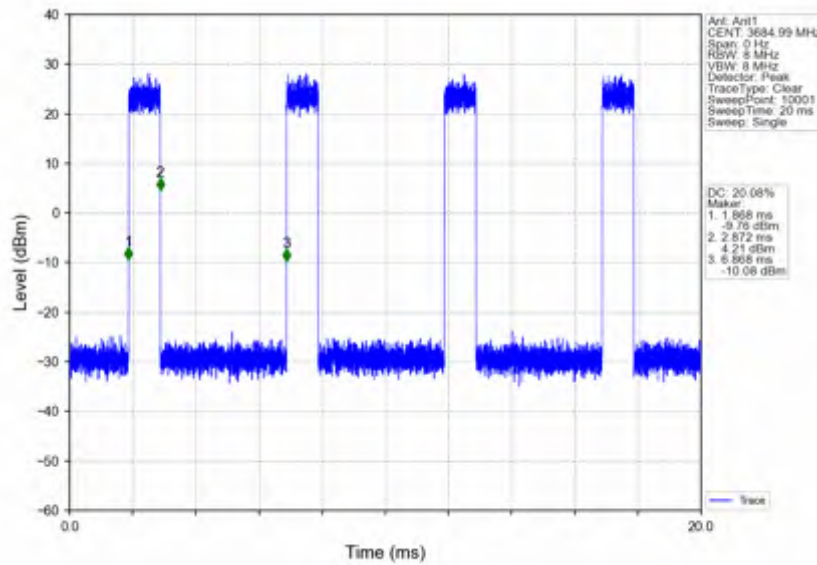
n78(3550-3700MHz)_30kHz_SISO_NTV_30MHz_CP-OFDM 64 QAM_3684.99MHz_Edge_1RB_Left



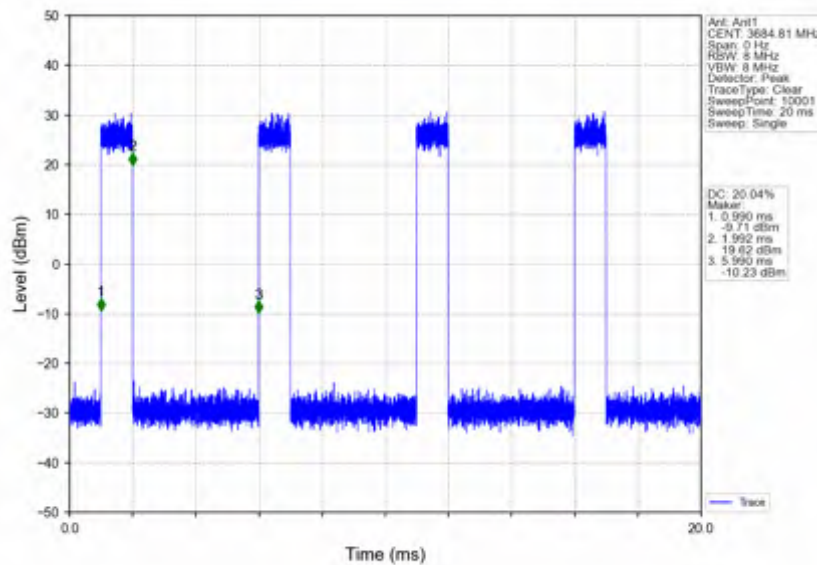
n78(3550-3700MHz)_30kHz_SISO_NTV_30MHz_CP-OFDM 64 QAM_3684.99MHz_Edge_1RB_Right



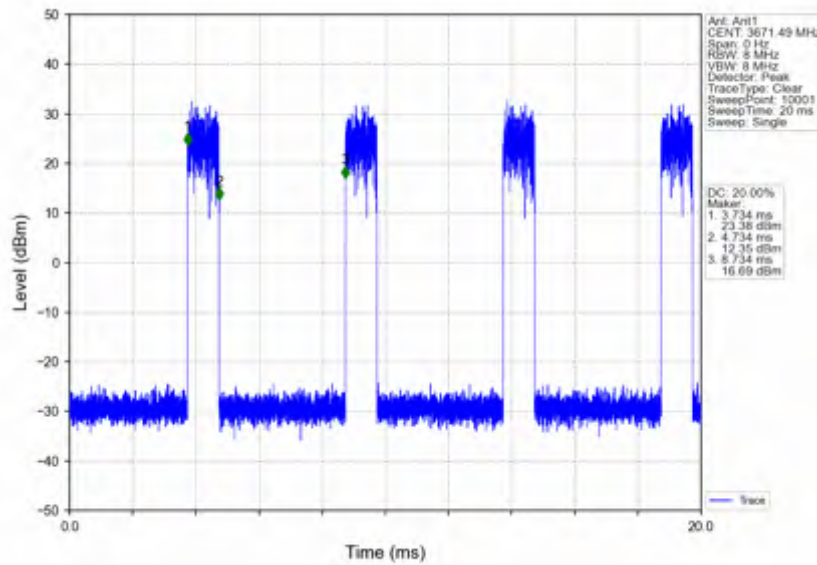
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3684.99MHz_Outer_Full



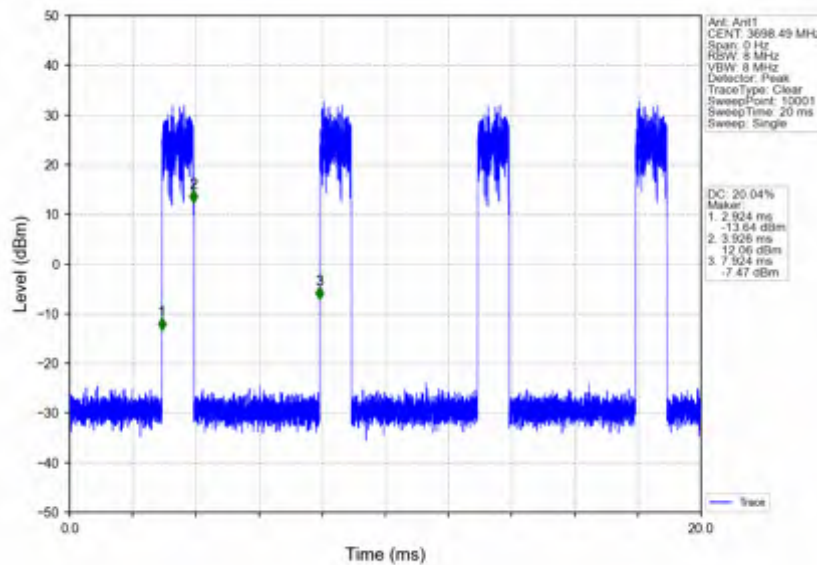
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3684.99MHz_Inner_Full



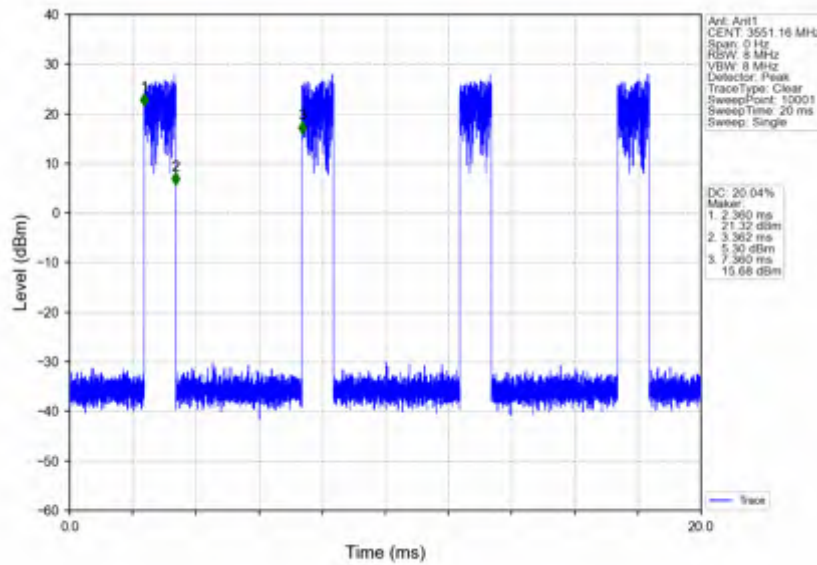
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3684.99MHz_Inner_1RB_Left



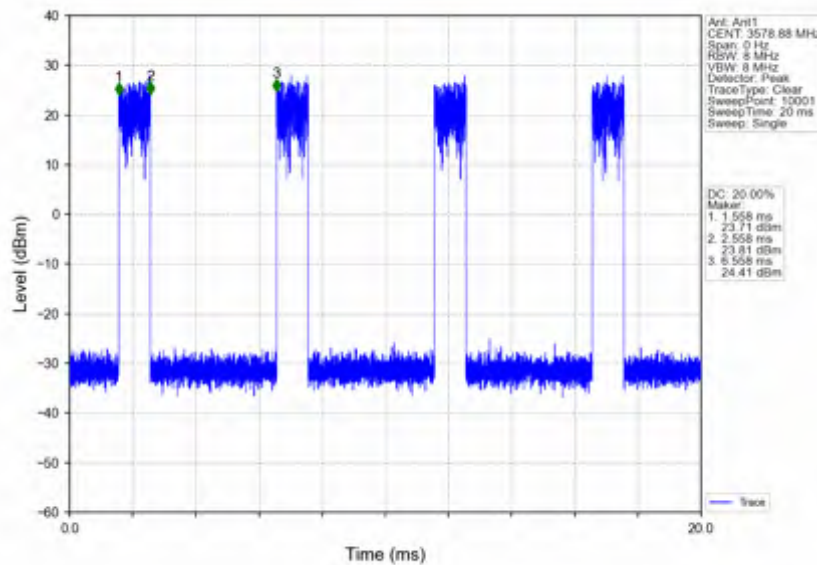
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3684.99MHz_Inner_1RB_Right



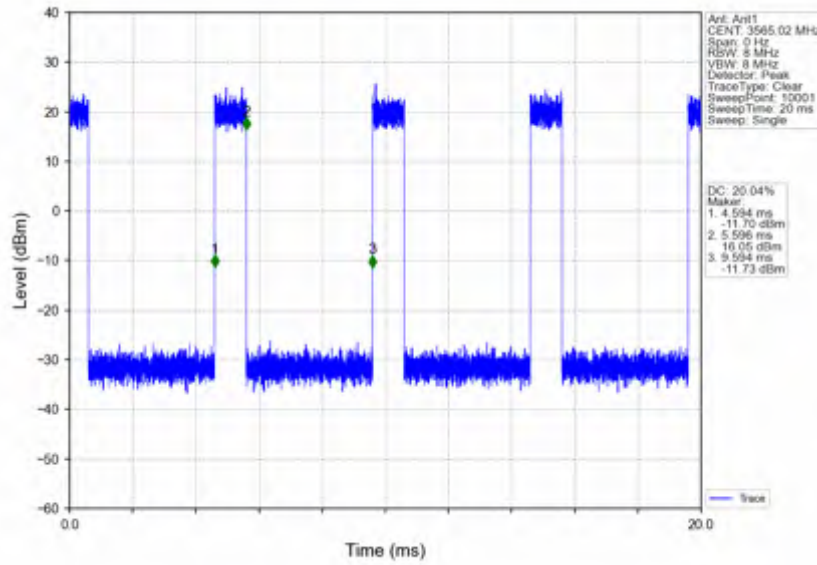
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3565.02MHz_Edge_1RB_Left



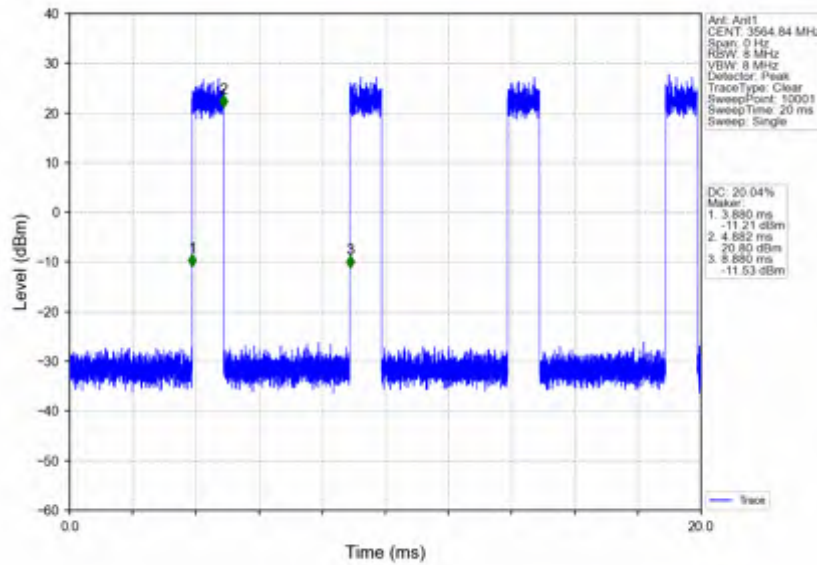
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3565.02MHz_Edge_1RB_Right



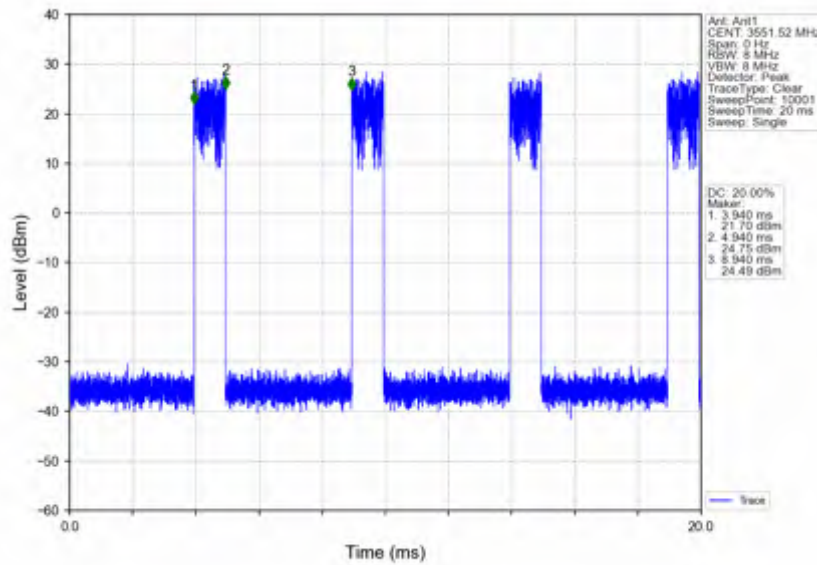
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3565.02MHz_Outer_Full



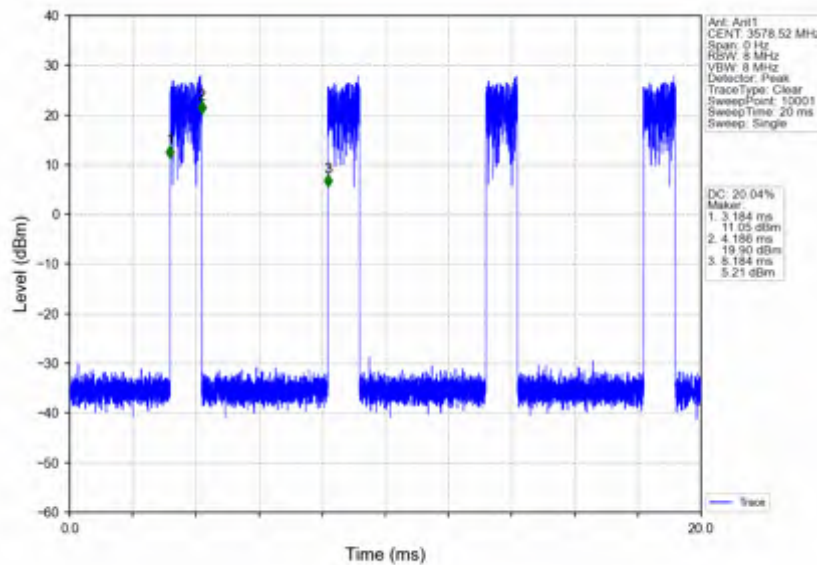
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3565.02MHz_Inner_Full



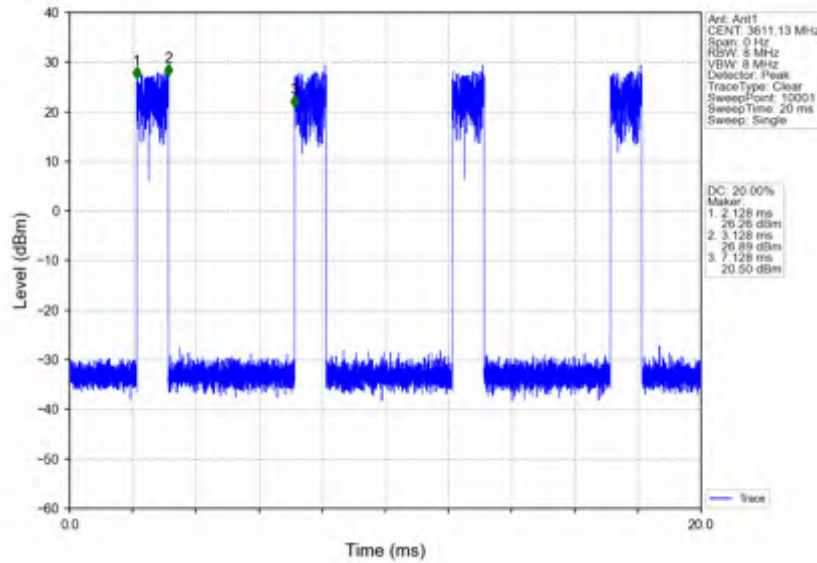
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3565.02MHz_Inner_1RB_Left



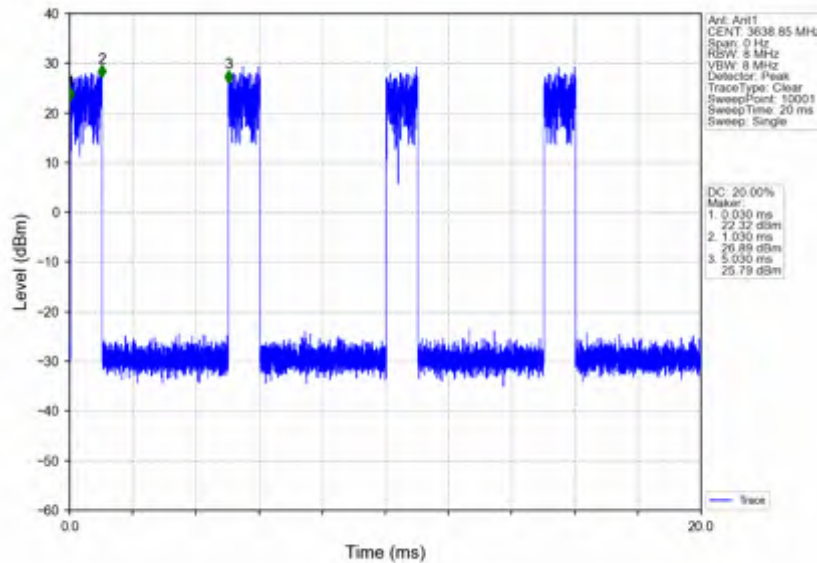
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3565.02MHz_Inner_1RB_Right



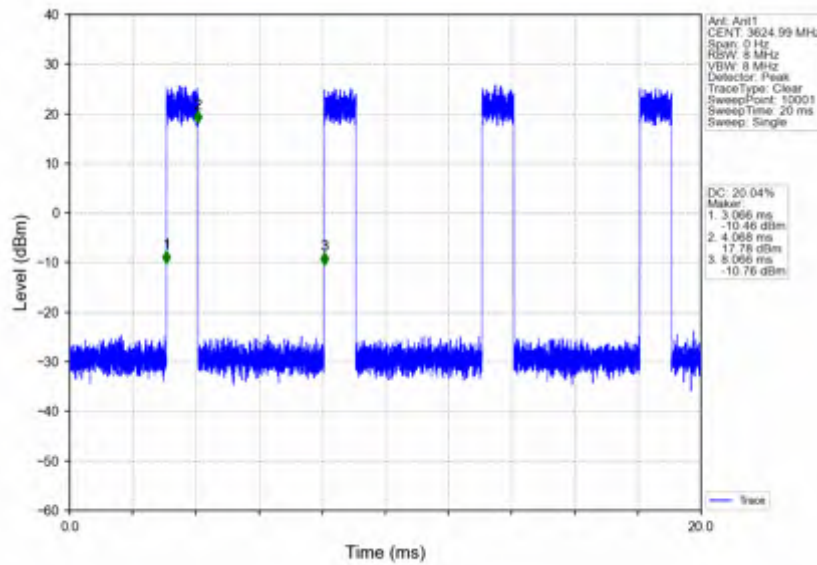
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3624.99MHz_Edge_1RB_Left



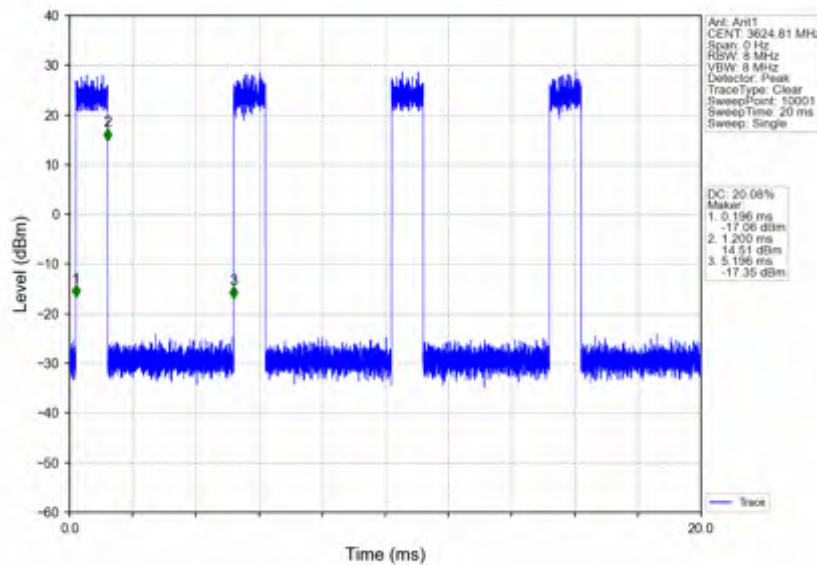
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3624.99MHz_Edge_1RB_Right



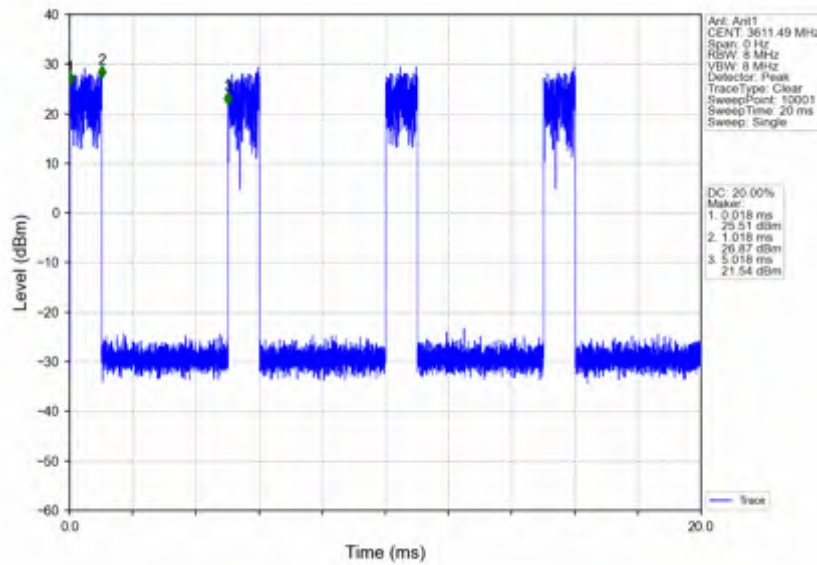
n78(3550-3700MHz)_30kHz_SISO_NTV_30MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full



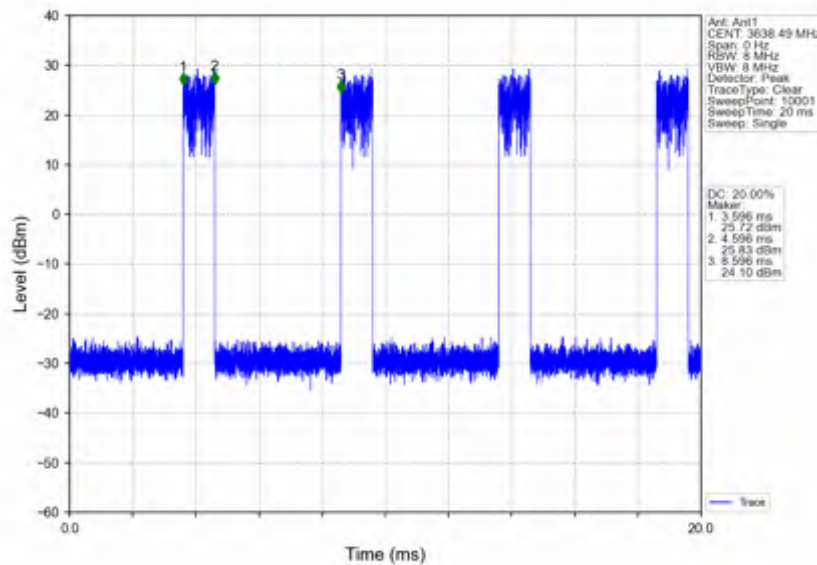
n78(3550-3700MHz)_30kHz_SISO_NTV_30MHz_CP-OFDM 256 QAM_3624.99MHz_Inner_Full



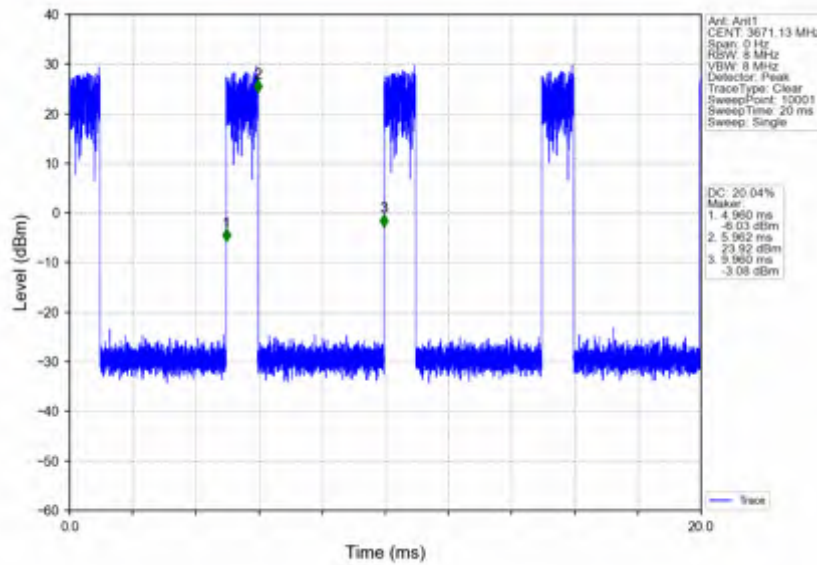
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3624.99MHz_Inner_1RB_Left



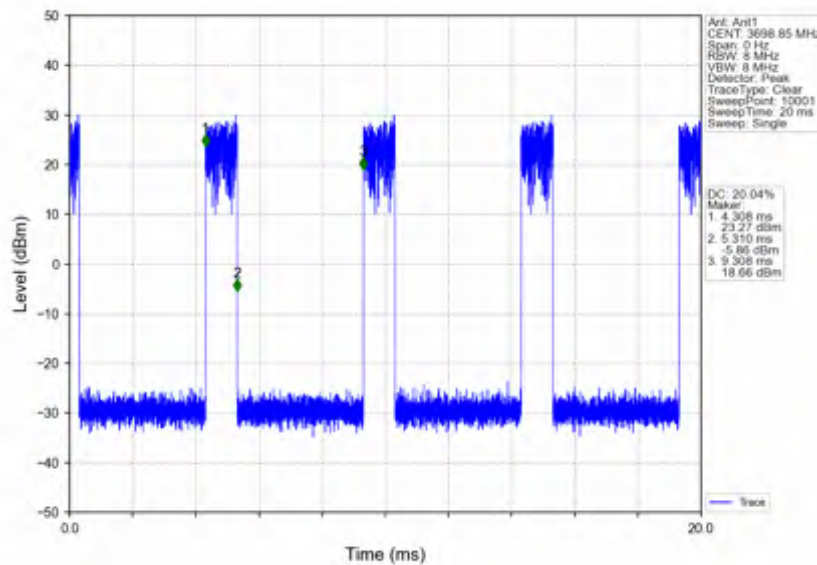
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3624.99MHz_Inner_1RB_Right



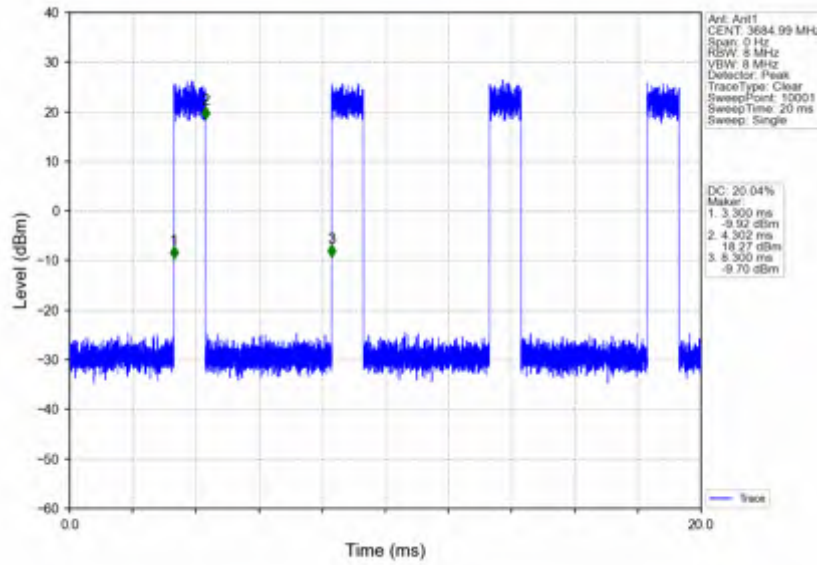
n78(3550-3700MHz)_30kHz_SISO_NTV_30MHz_CP-OFDM 256 QAM_3684.99MHz_Edge_1RB_Left



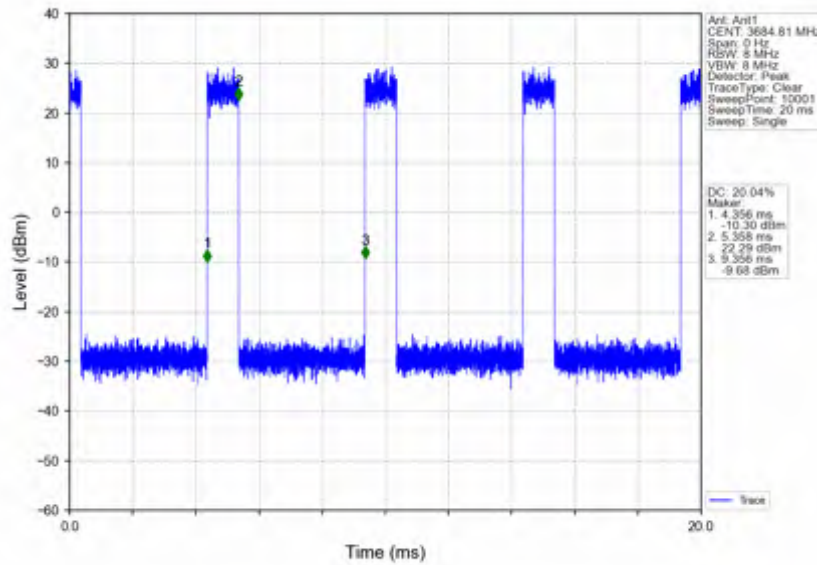
n78(3550-3700MHz)_30kHz_SISO_NTV_30MHz_CP-OFDM 256 QAM_3684.99MHz_Edge_1RB_Right



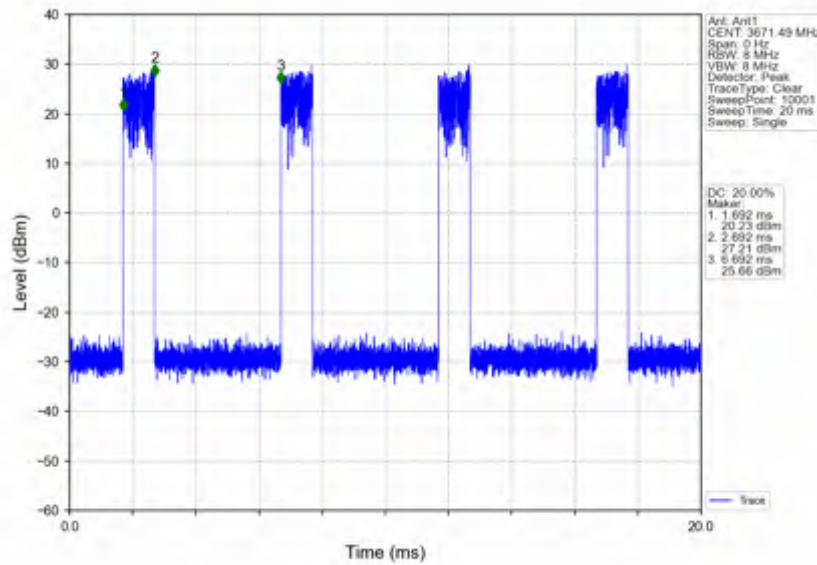
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3684.99MHz_Outer_Full



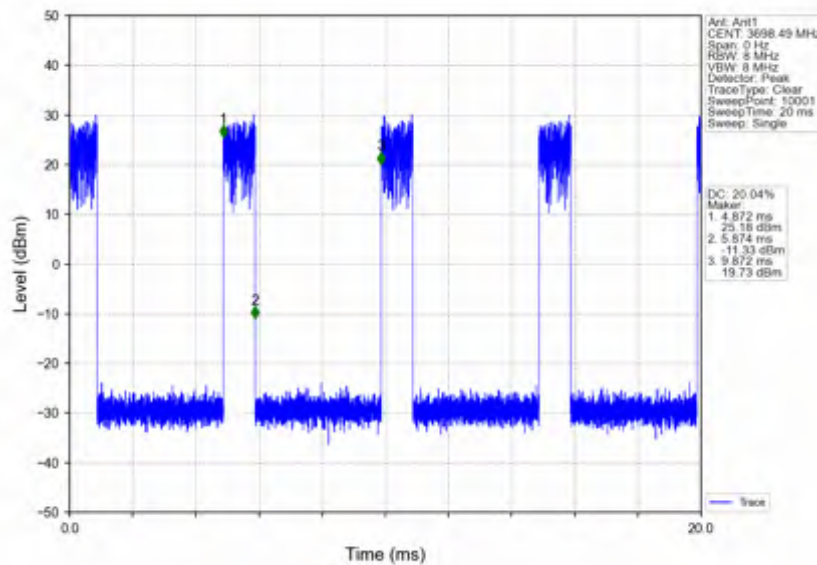
n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3684.99MHz_Inner_Full



n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3684.99MHz_Inner_1RB_Left



n78(3550-3700MHz)_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_3684.99MHz_Inner_1RB_Right



1.3 30k_SISO_40MHz_NTNV

1.3.1 Test Result

5G NR n78(3550-3700MHz) SCS=30kHz SISO 40MHz 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	3570	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	0.00
		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	1.000	5.000	20.00	6.99	0.00
	3679.98	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		1.002	5.000	20.04	6.98	0.00	
Inner_1RB_Right		1.002	5.000	20.04	6.98	0.00	
DFT-s-OFDM QPSK	3570	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	1.002	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
	3679.98	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 16 QAM	3570	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	0.04
		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

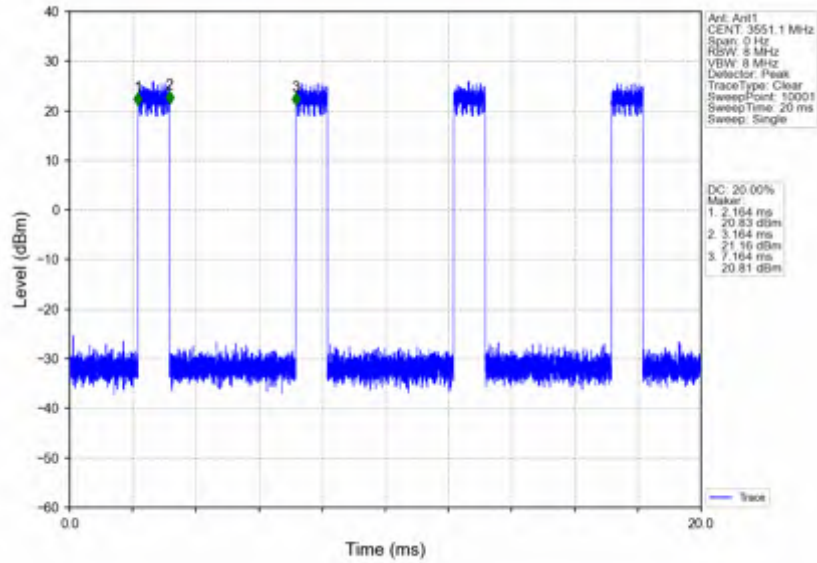
	3679.98	Inner_1RB_Right	1.000	4.998	20.01	6.99	0.03
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.004	5.000	20.08	6.97	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM 64 QAM	3570	Inner_1RB_Right	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	1.000	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
	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	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
	3679.98	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	1.000	5.000	20.00	6.99	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
DFT-s-OFDM 256 QAM	3570	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
	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	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	4.998	20.05	6.98	0.03
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
	3679.98	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	4.998	20.05	6.98	0.03
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
CP-OFDM QPSK	3570	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	1.004	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
	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	1.000	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
	3679.98	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

CP-OFDM 16 QAM	3570	Inner_Full	1.002	5.000	20.04	6.98	0.00			
		Inner_1RB_Left	1.000	4.998	20.01	6.99	0.02			
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00			
	3624.99	3570	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		
		3679.98	3570	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	3570	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 64 QAM	3570	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	3570	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	0.01		
		3679.98	3570	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	3570	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
3679.98	3570	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	3570	Inner_Full	1.002	4.998	20.05	6.98	0.03		
			Inner_1RB_Left	1.000	5.000	20.00	6.99	0.04		
			Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00		
	CP-OFDM 256 QAM	3570	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		3570	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		
		3679.98	3570	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	3570	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
3679.98	3570	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			
	3624.99	3570	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		

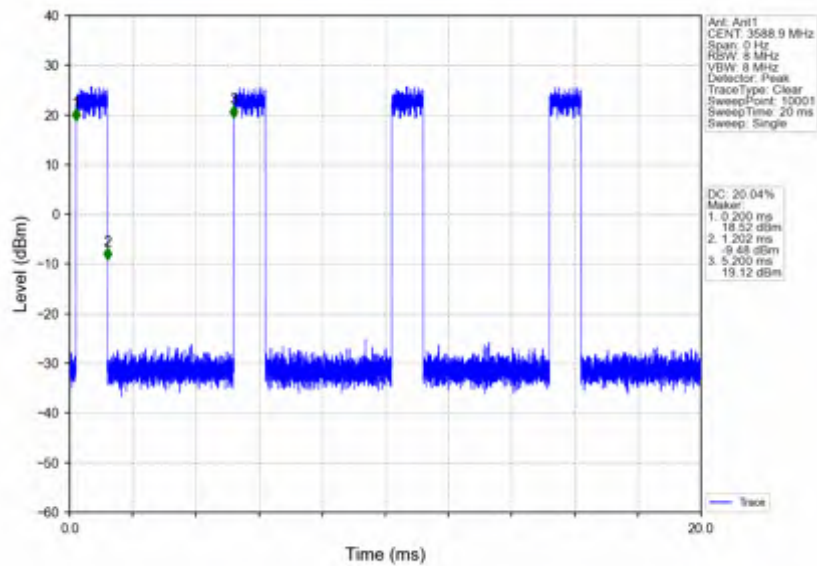


1.3.2 Test Graph

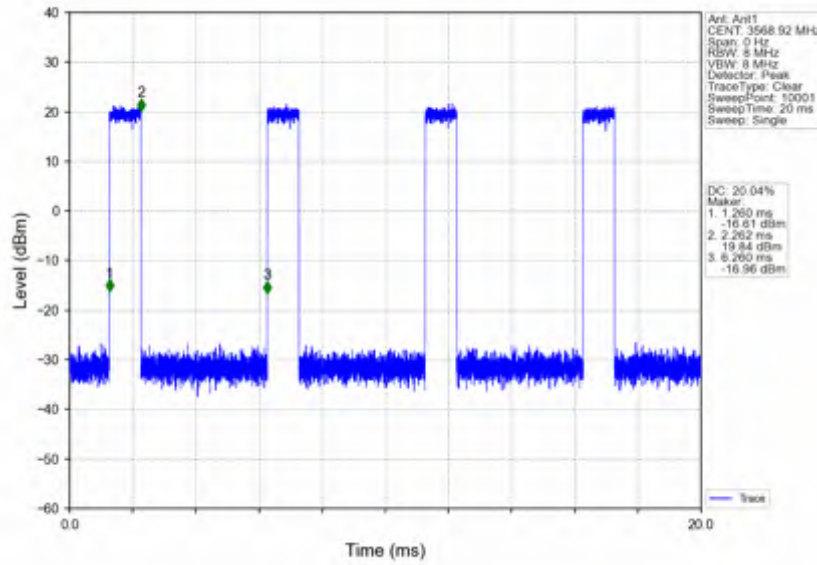
n78(3550-3700MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3570MHz_Edge_1RB_Left



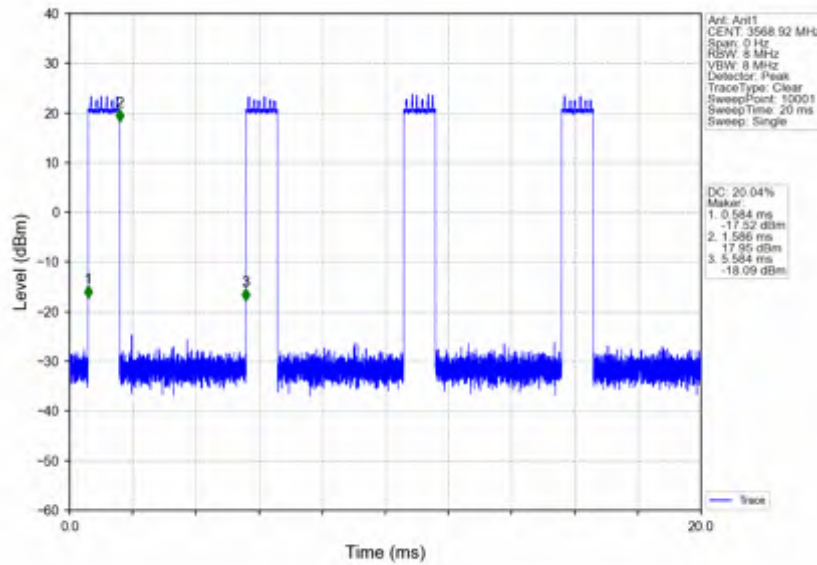
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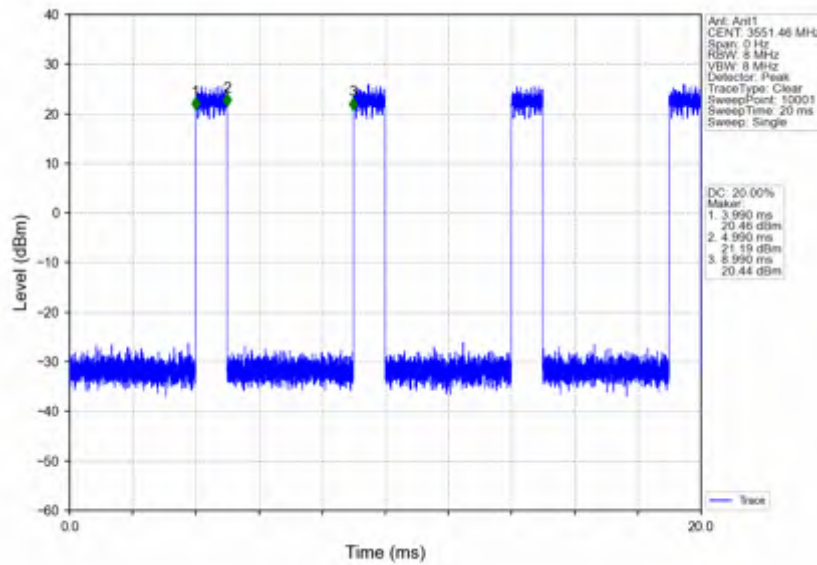
n78(3550-3700MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3570MHz_Outer_Full



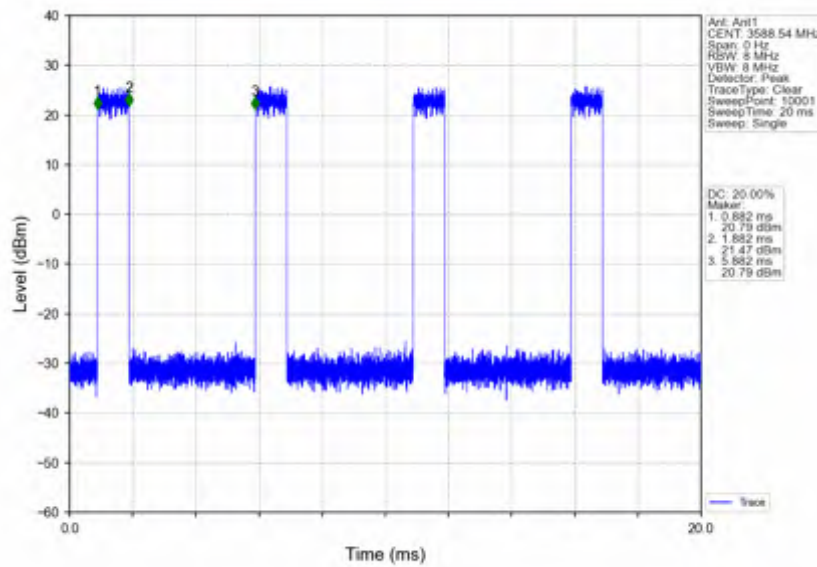
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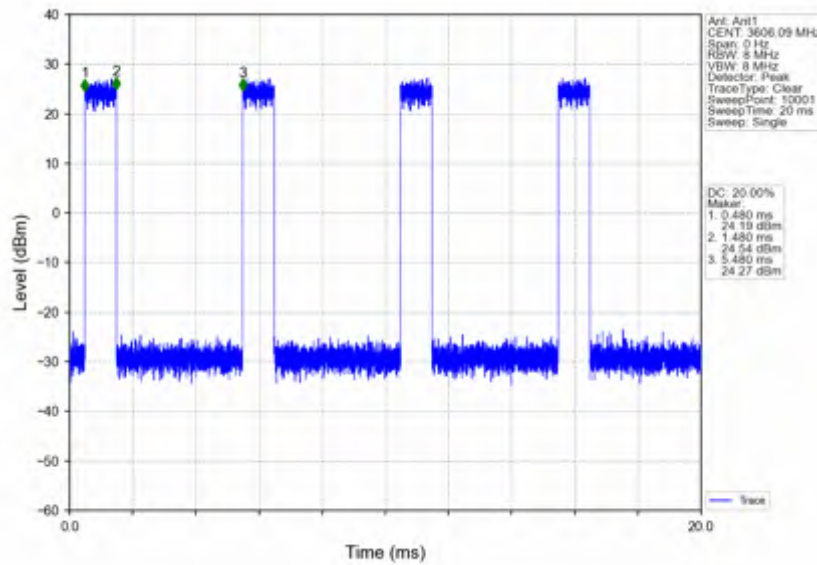
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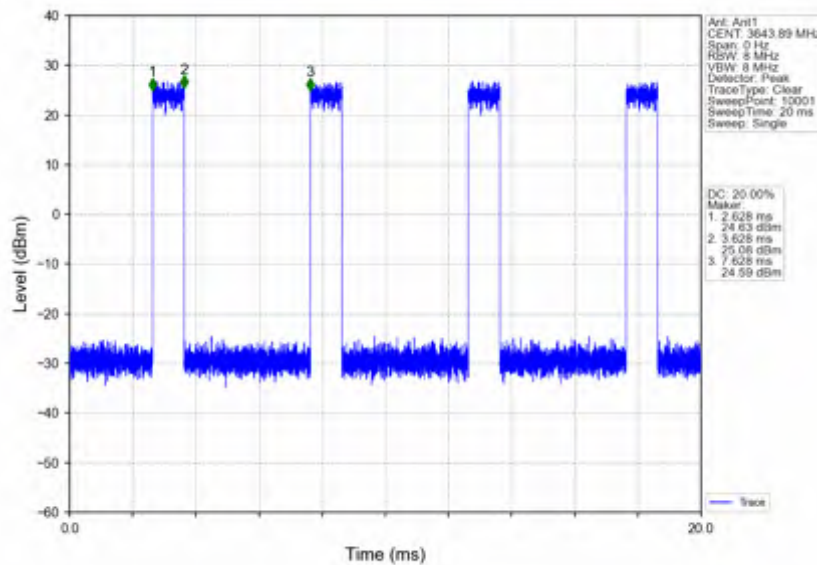
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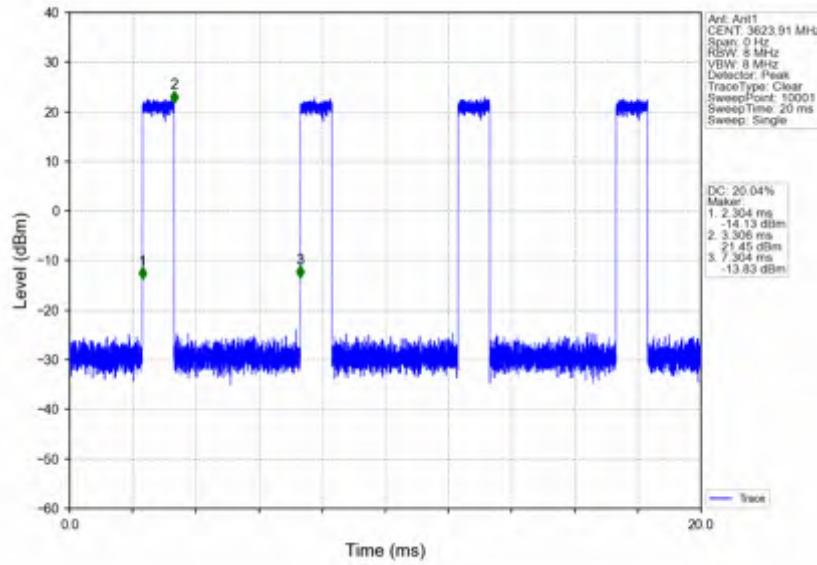
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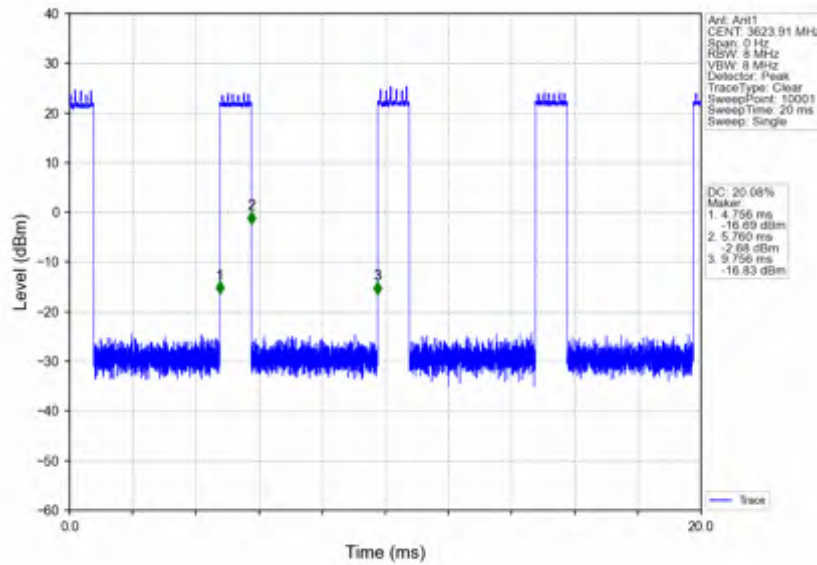
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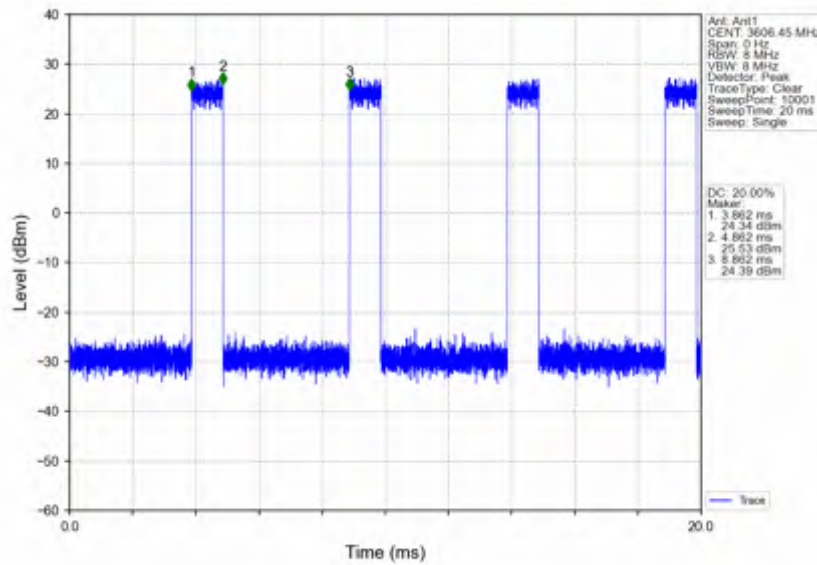
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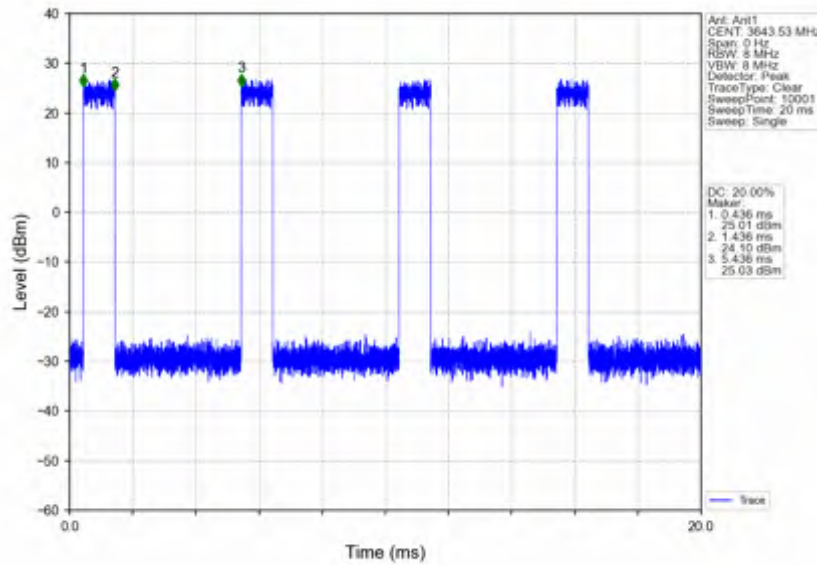
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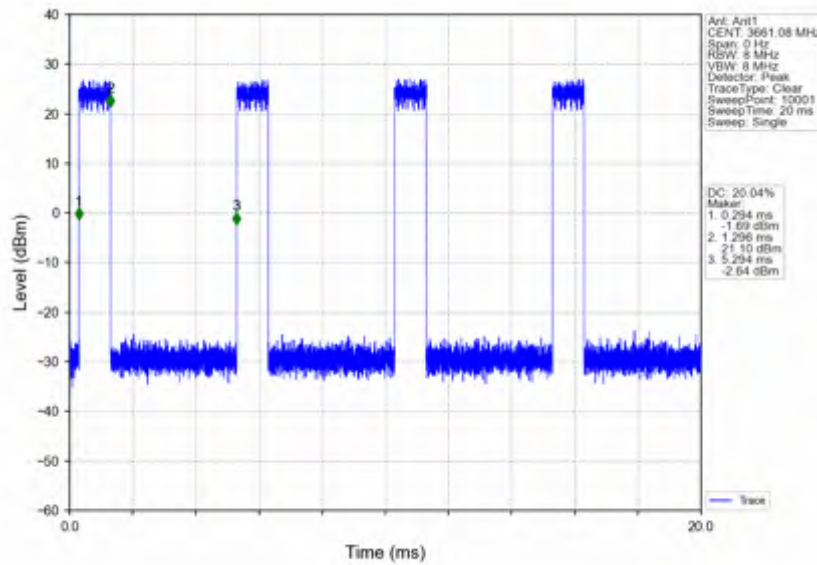
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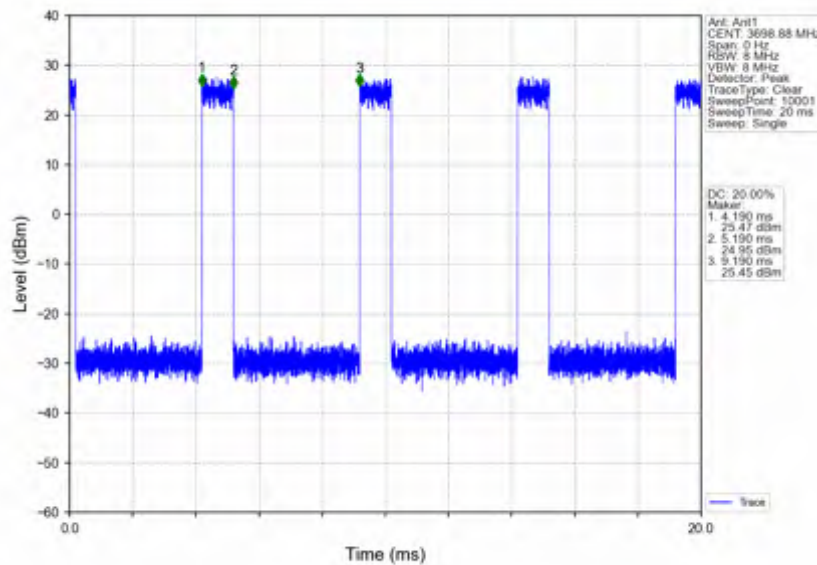
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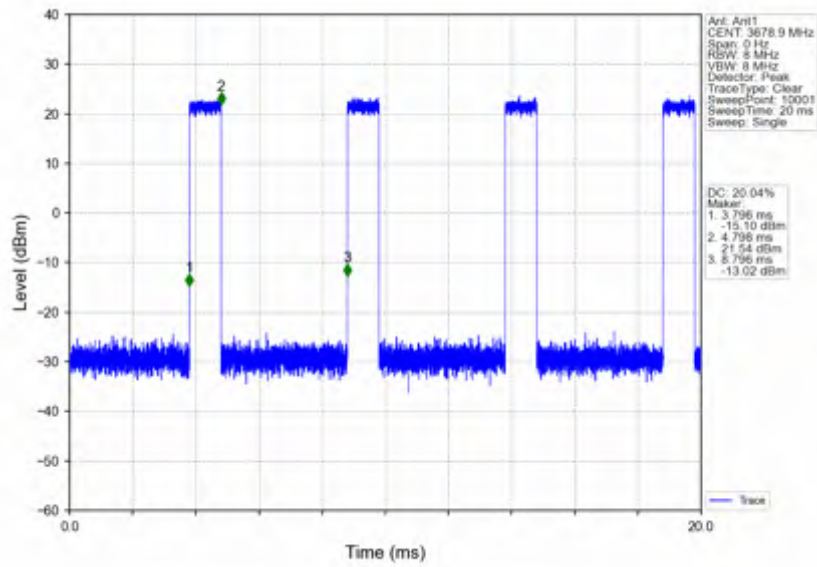
n78(3550-3700MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3679.98MHz_Edge_1RB_Left



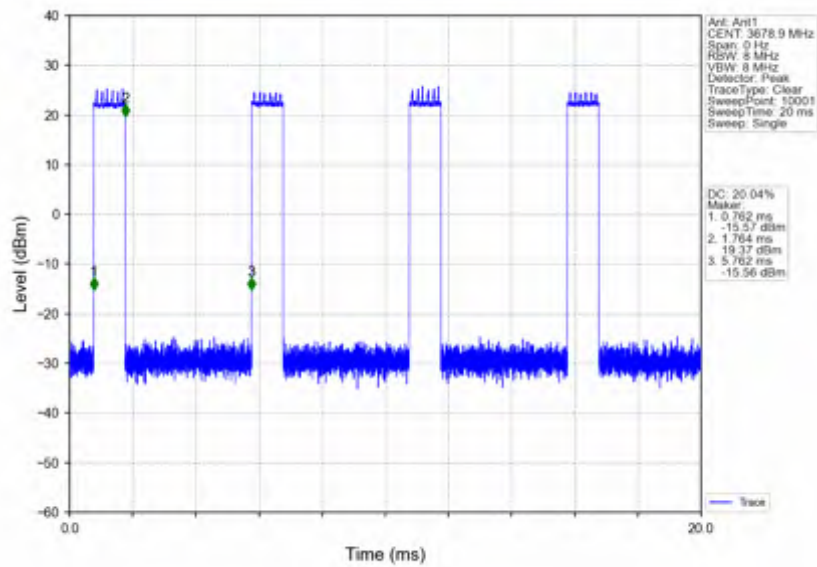
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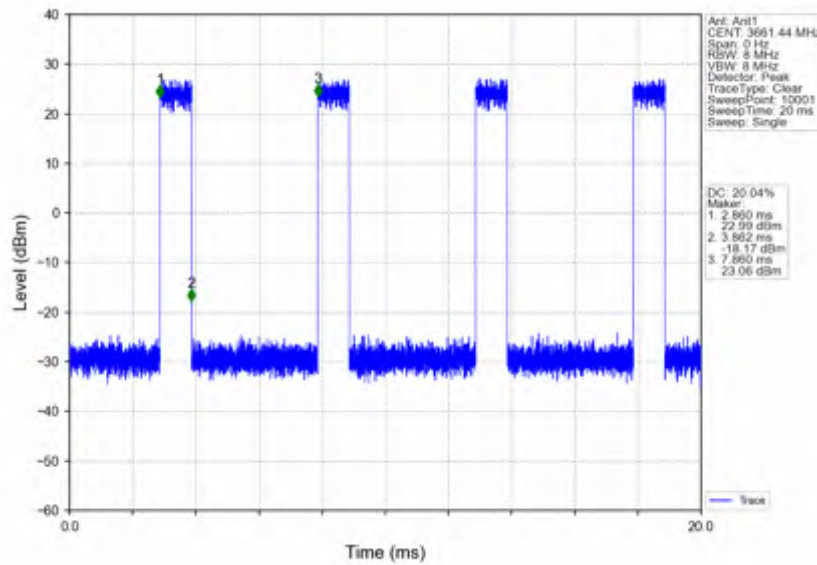
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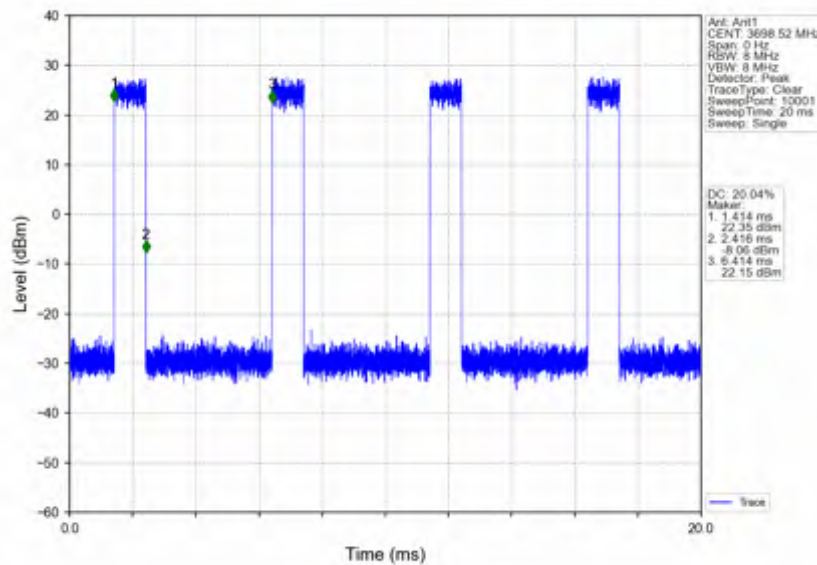
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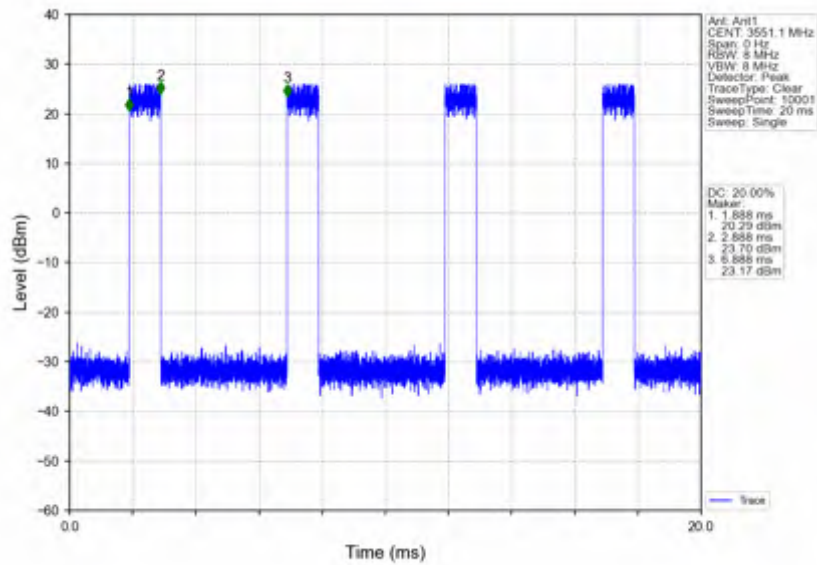
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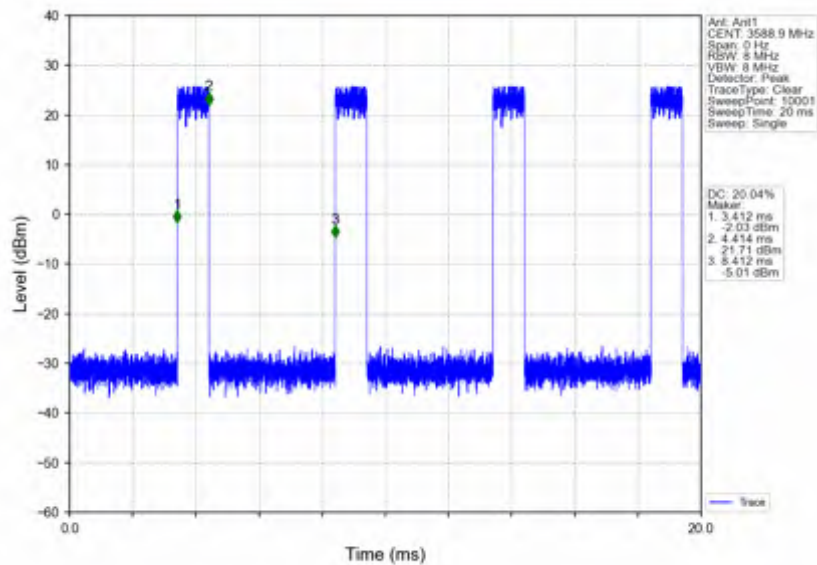
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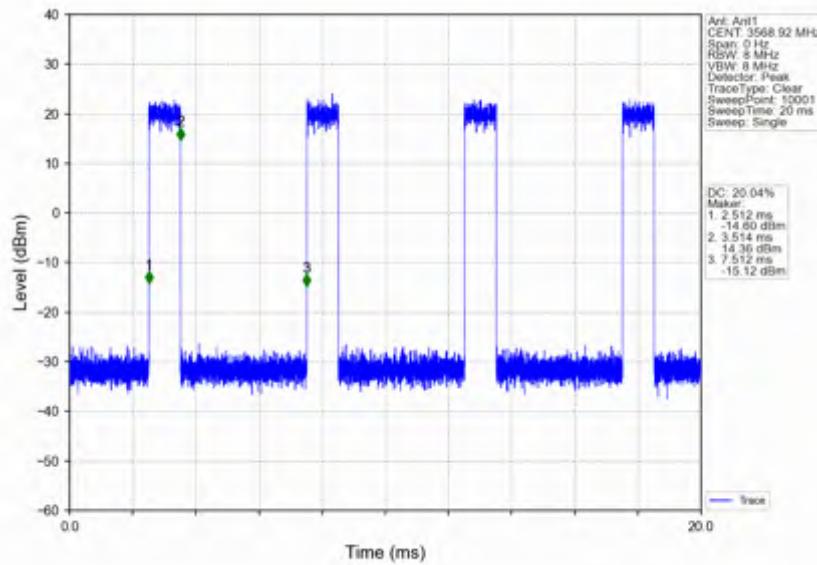
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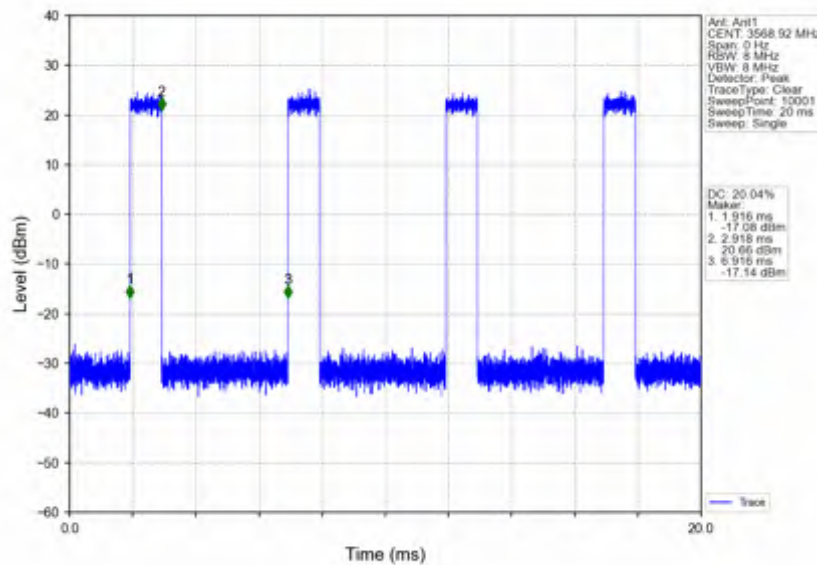
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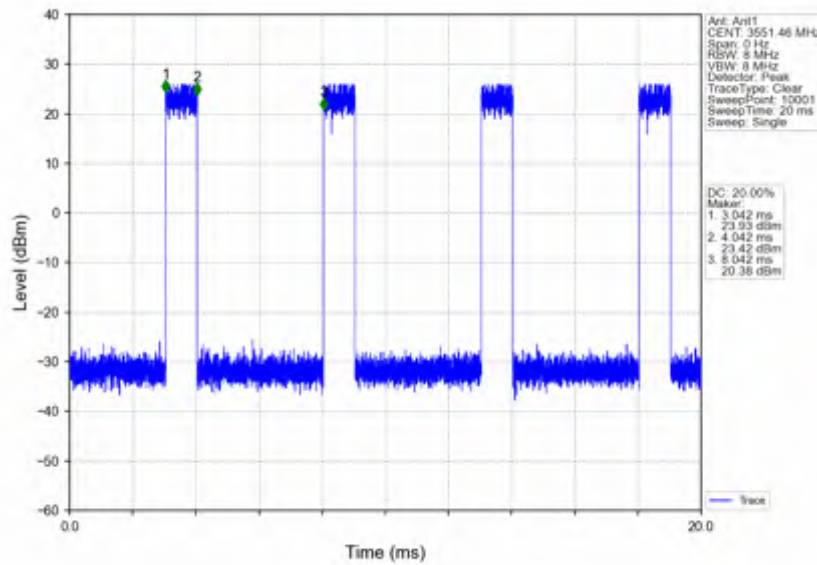
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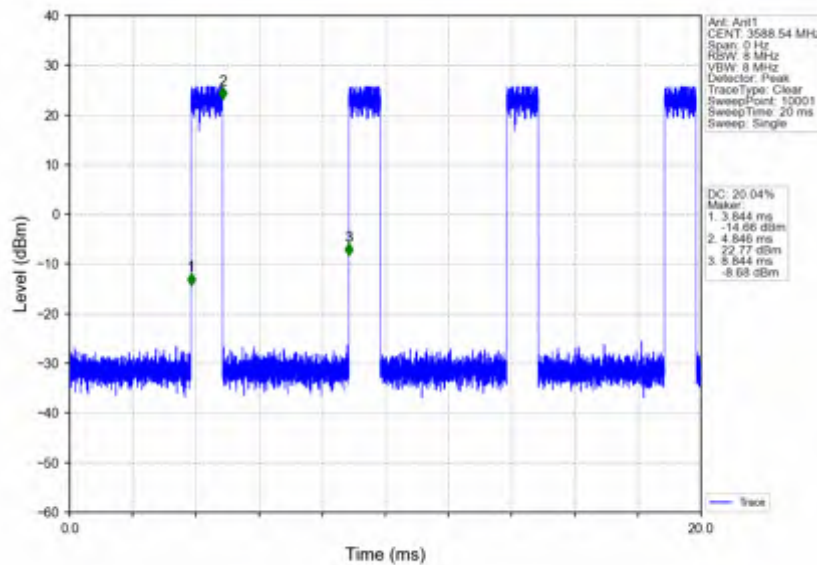
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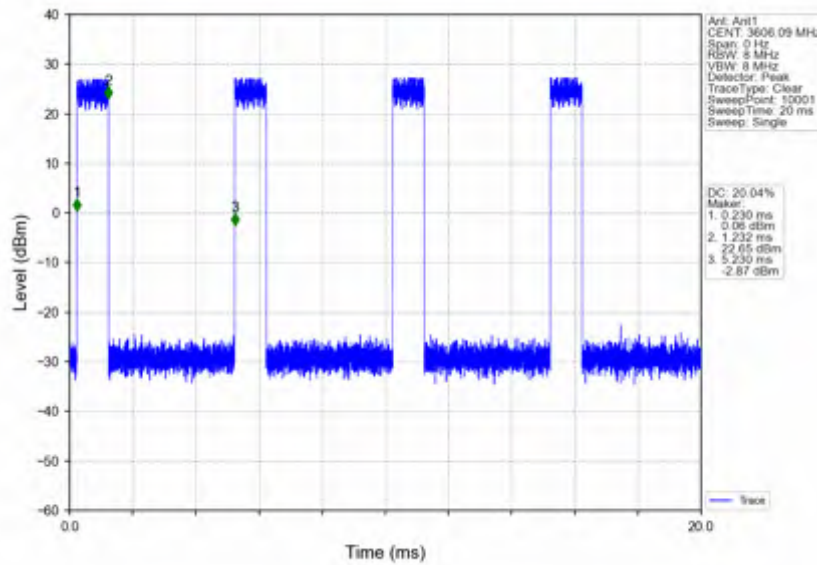
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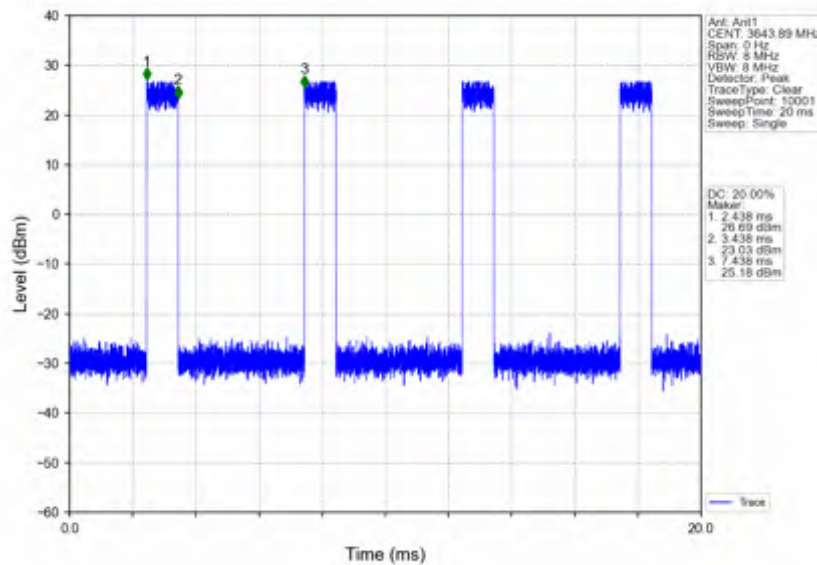
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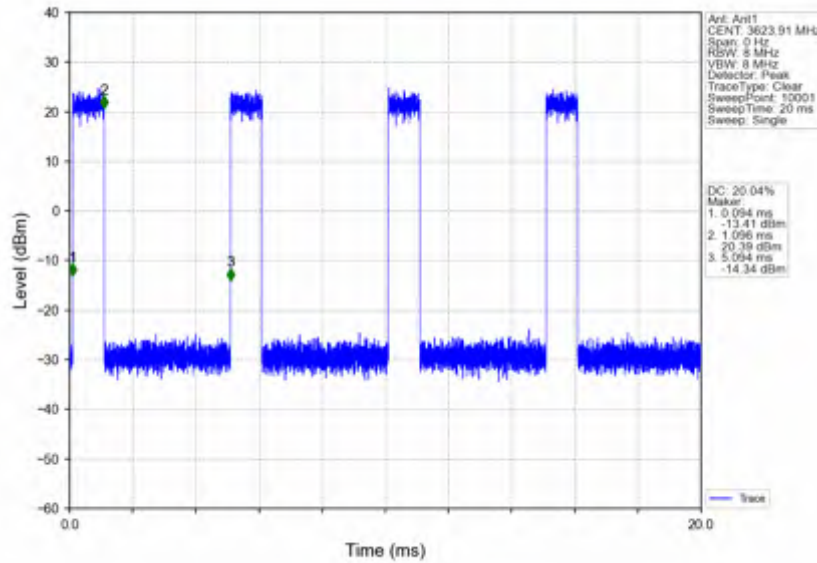
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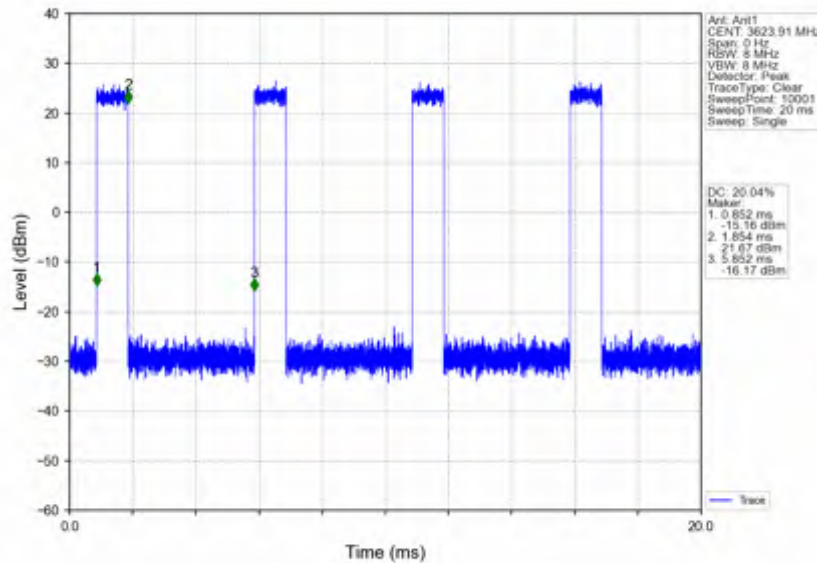
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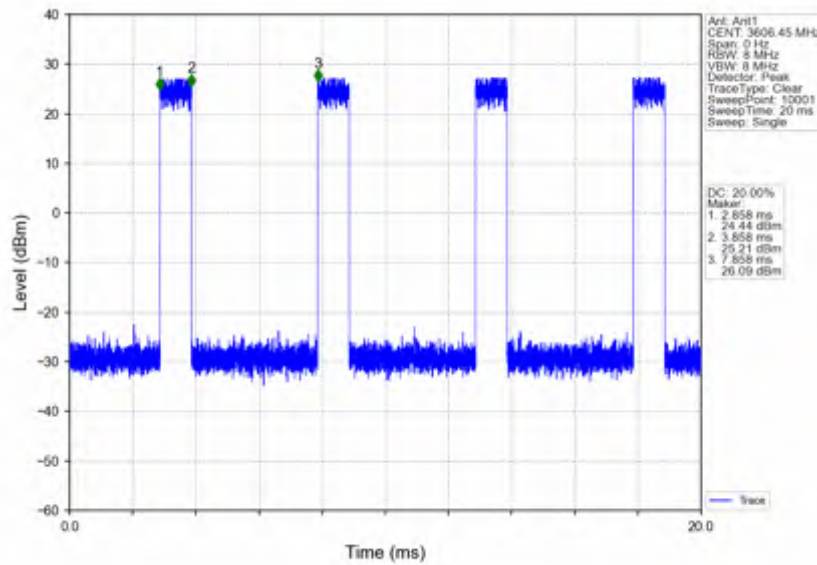
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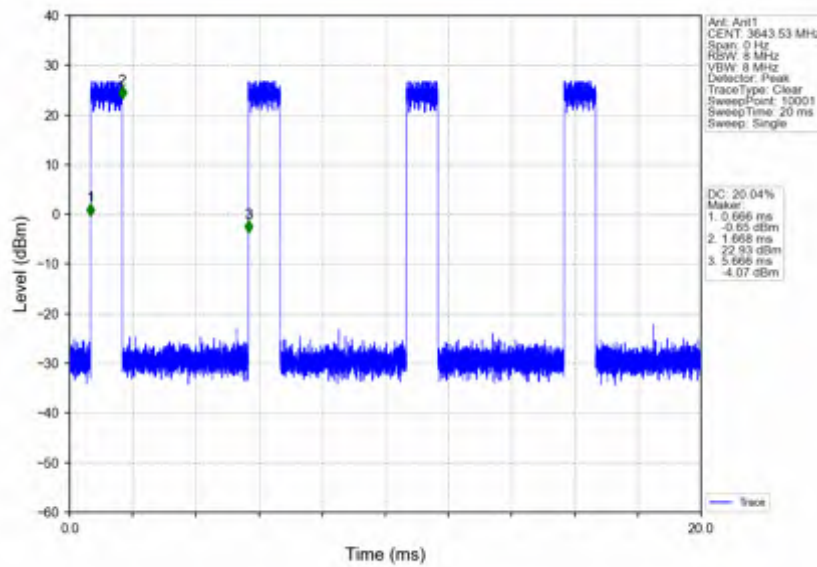
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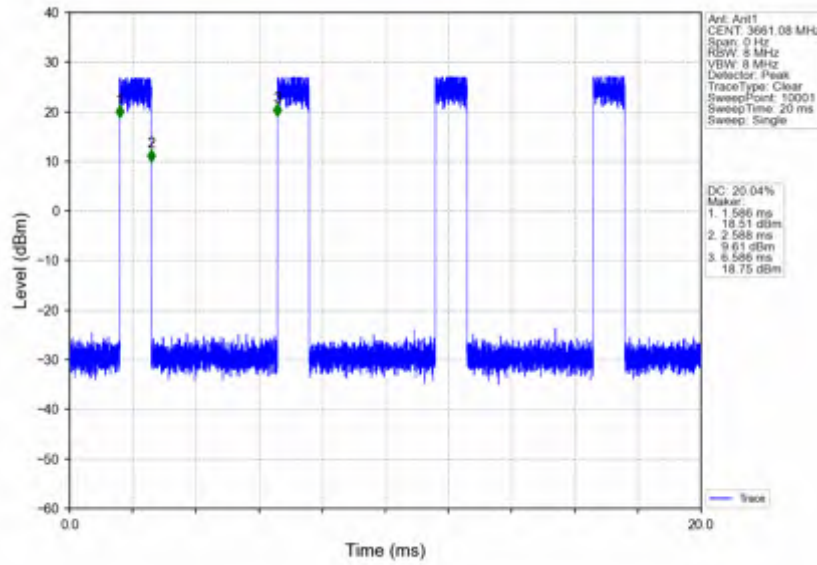
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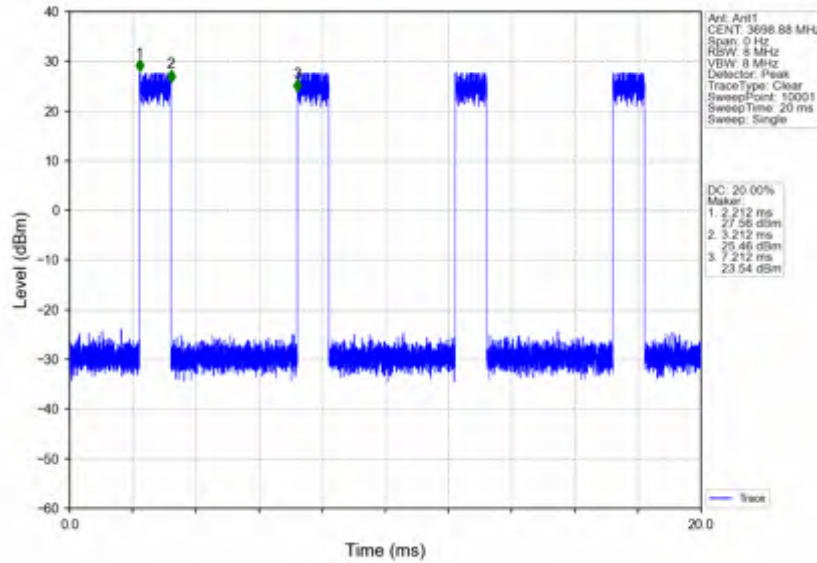
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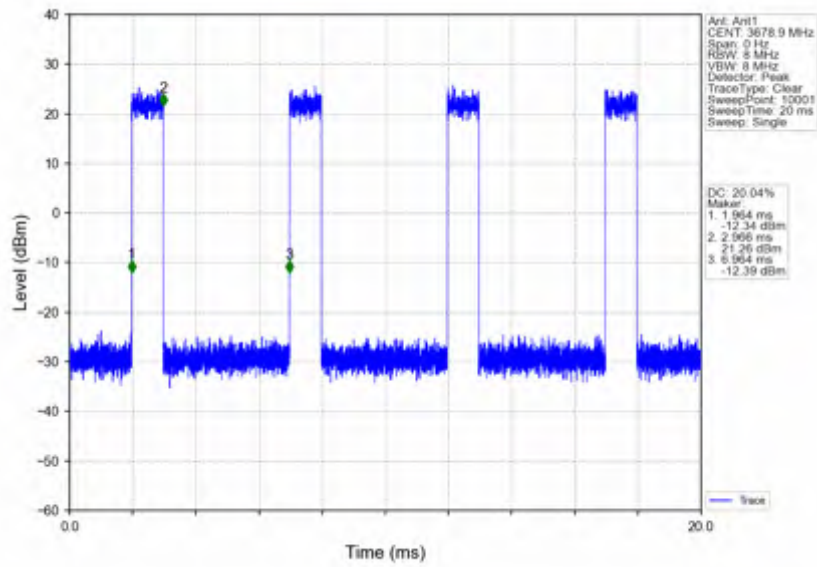
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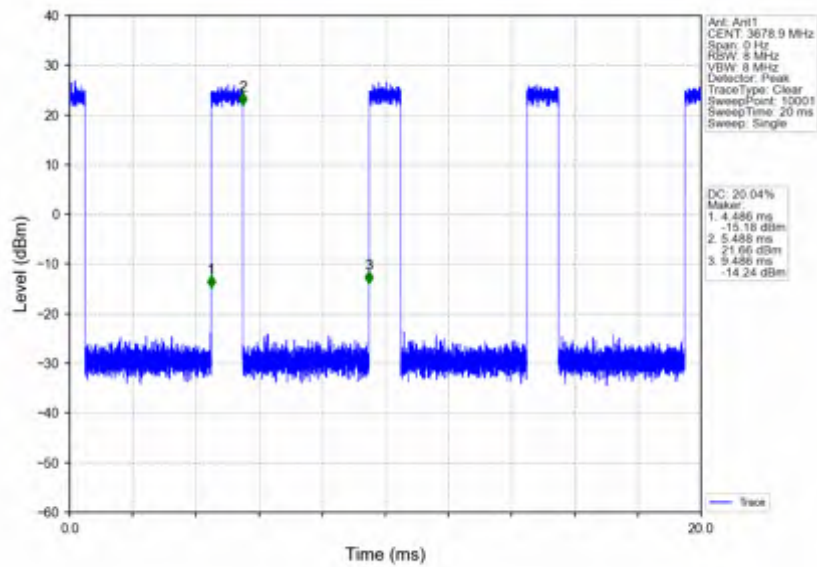
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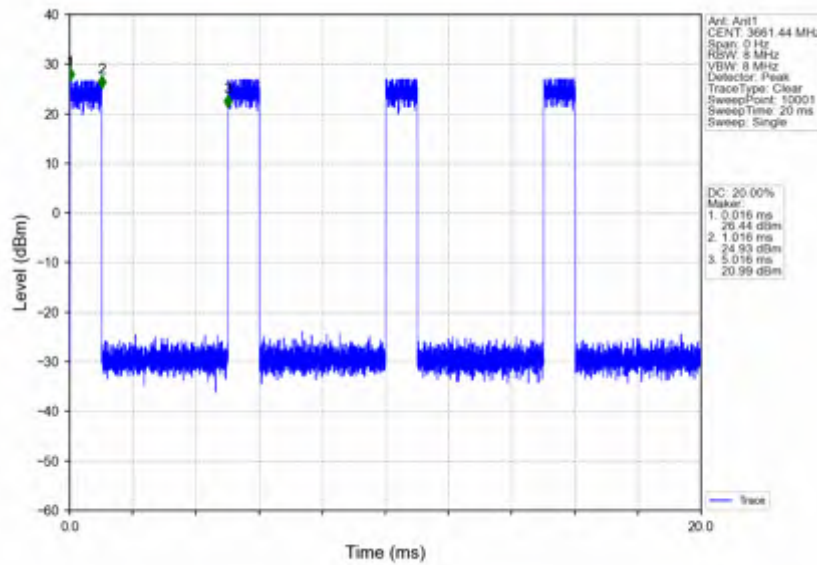
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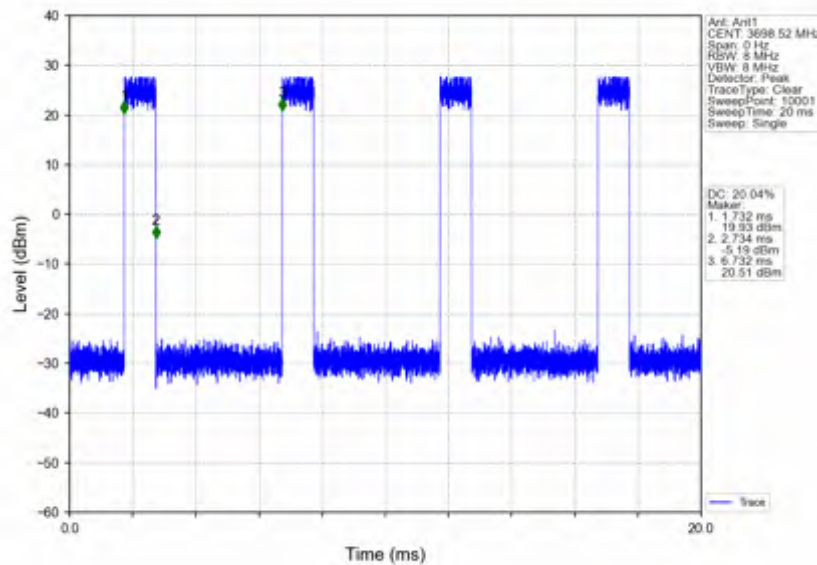
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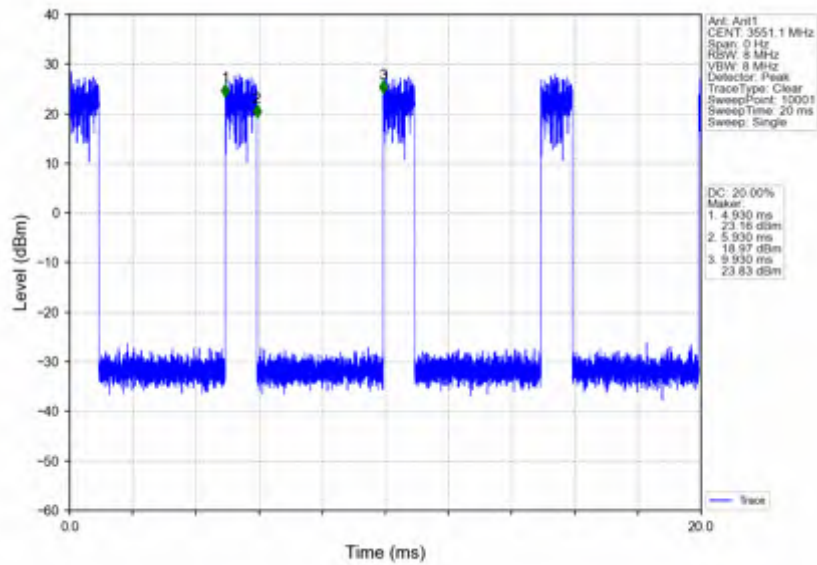
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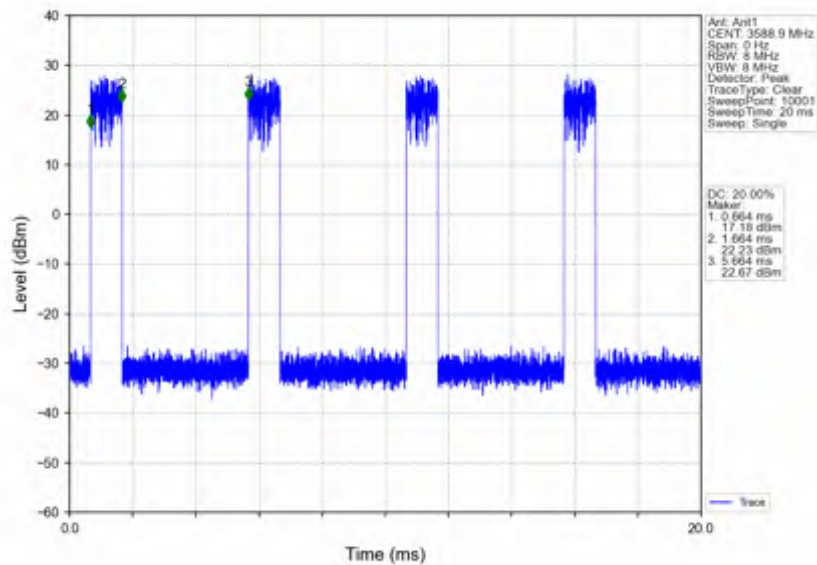
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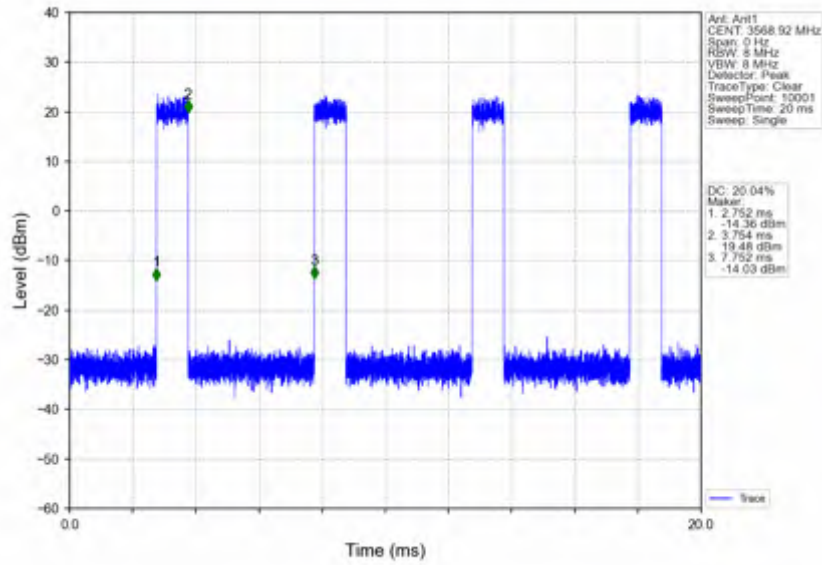
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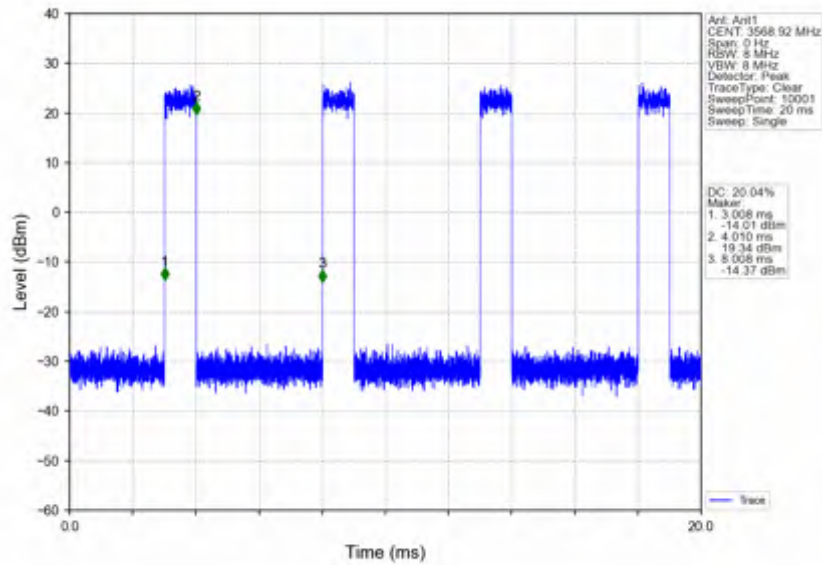
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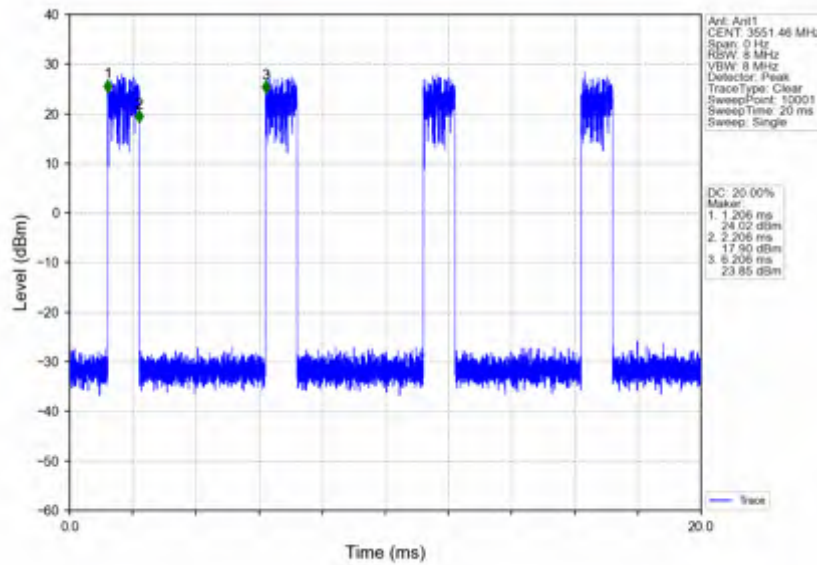
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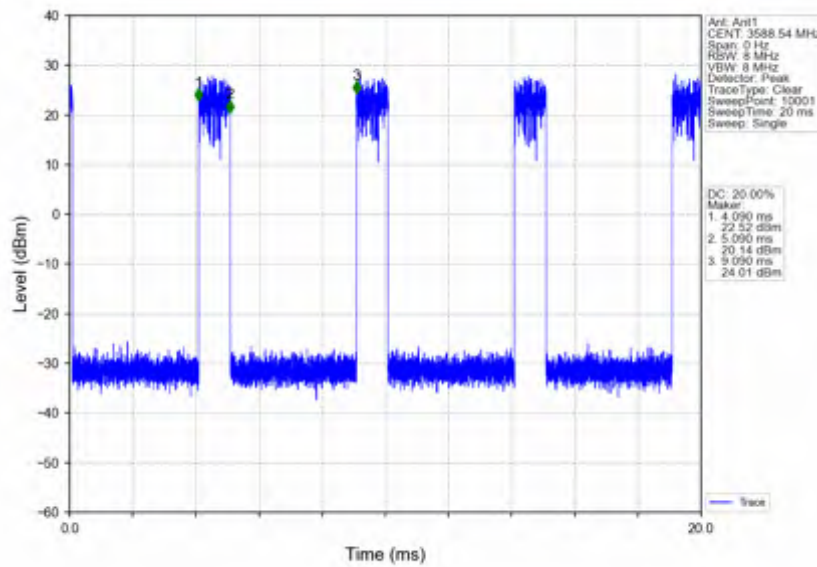
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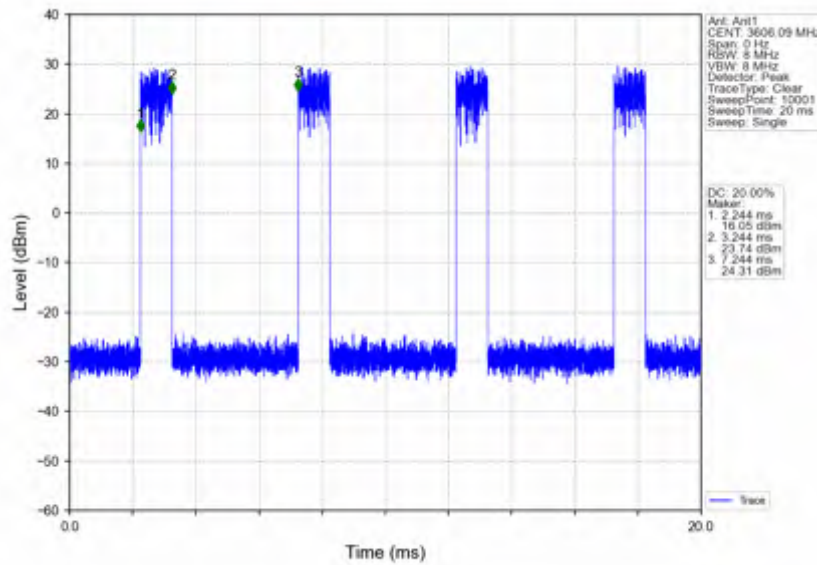
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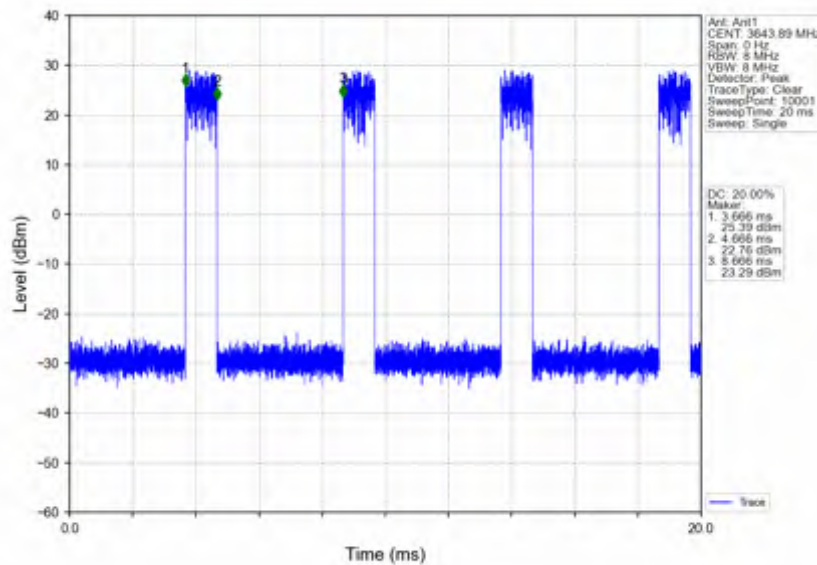
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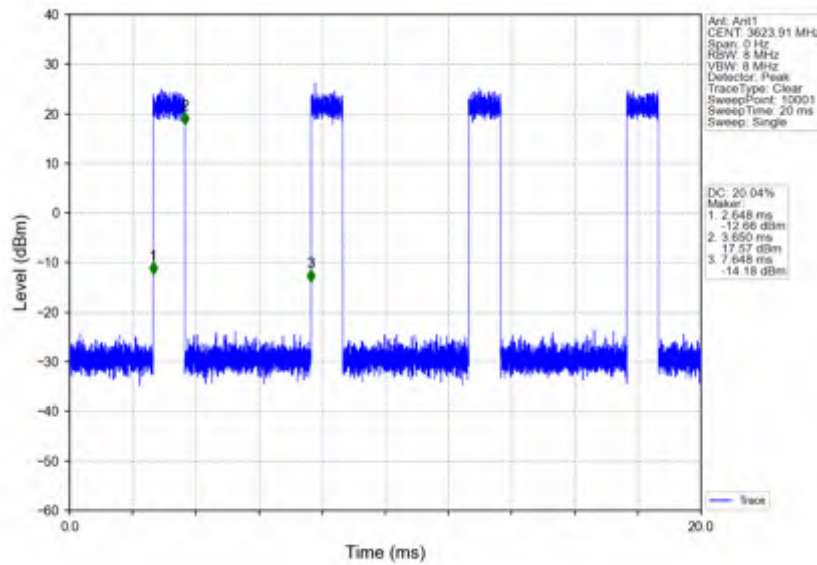
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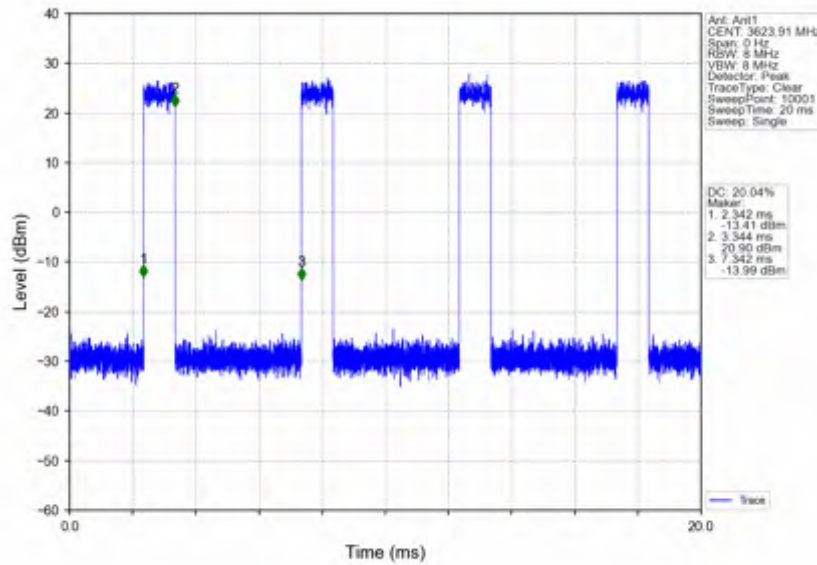
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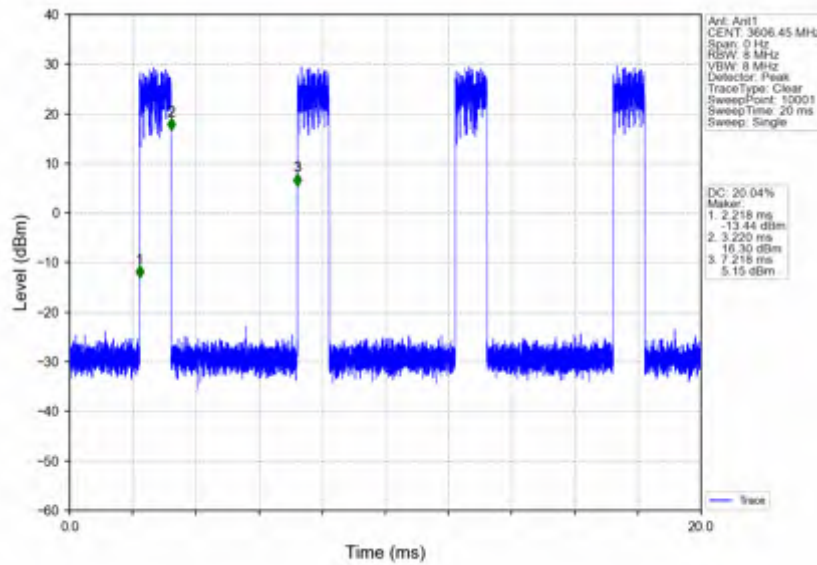
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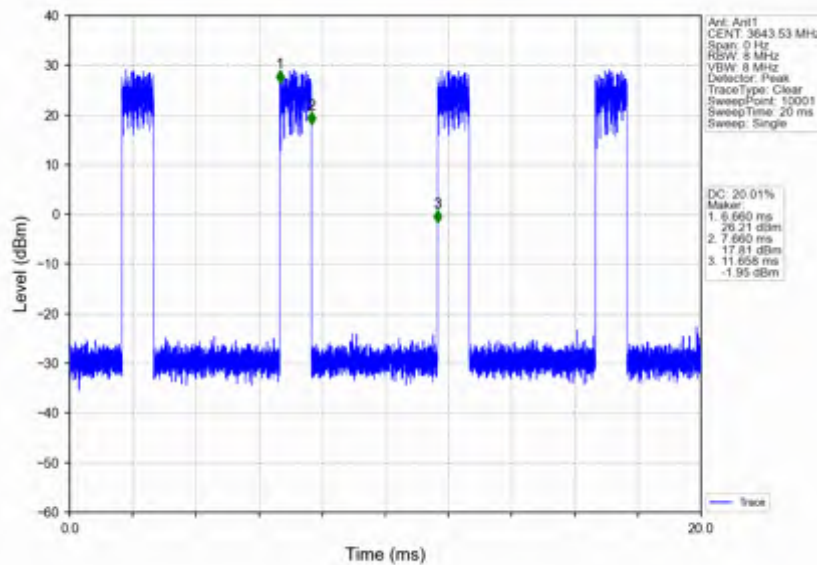
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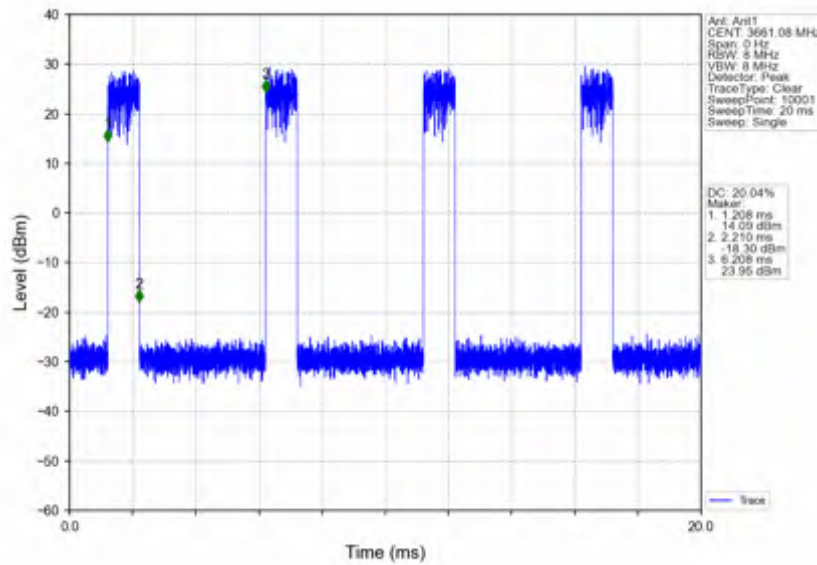
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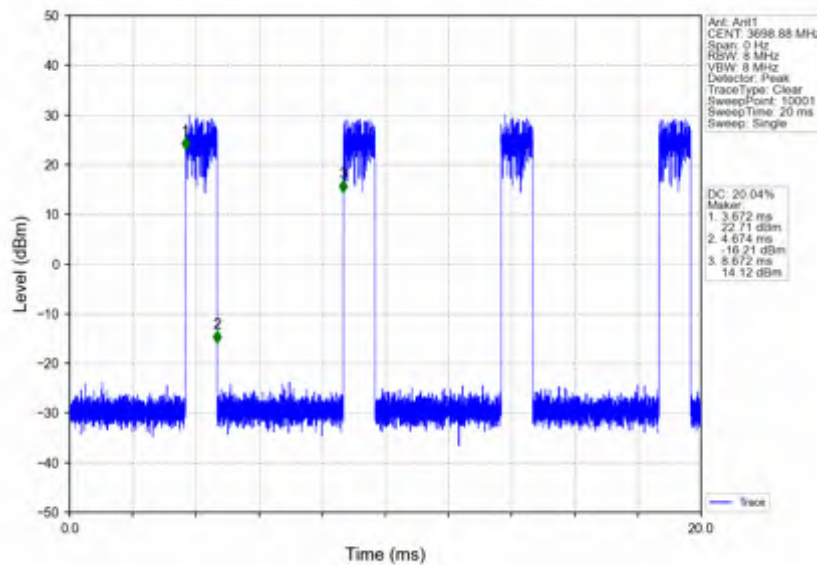
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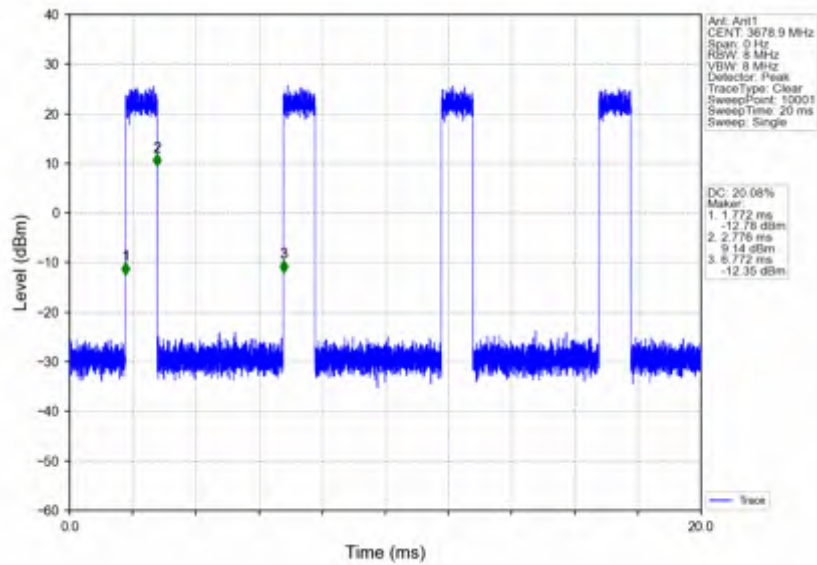
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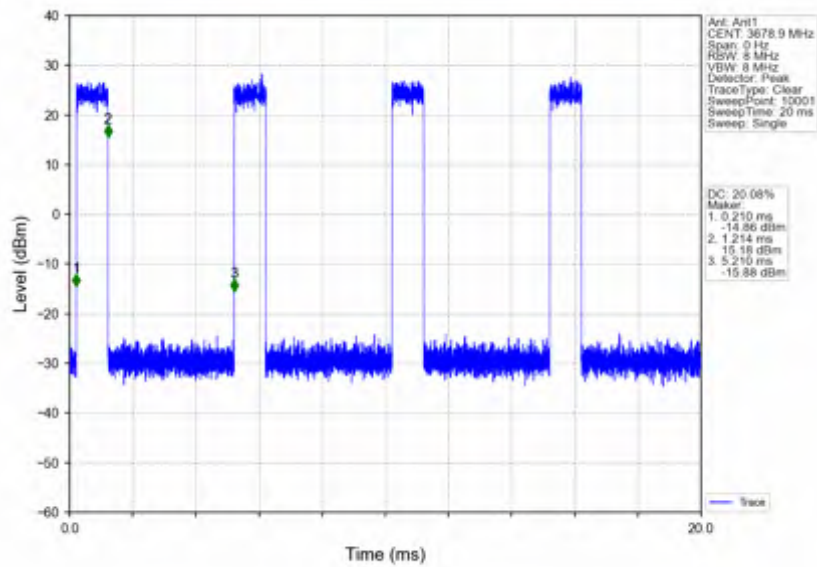
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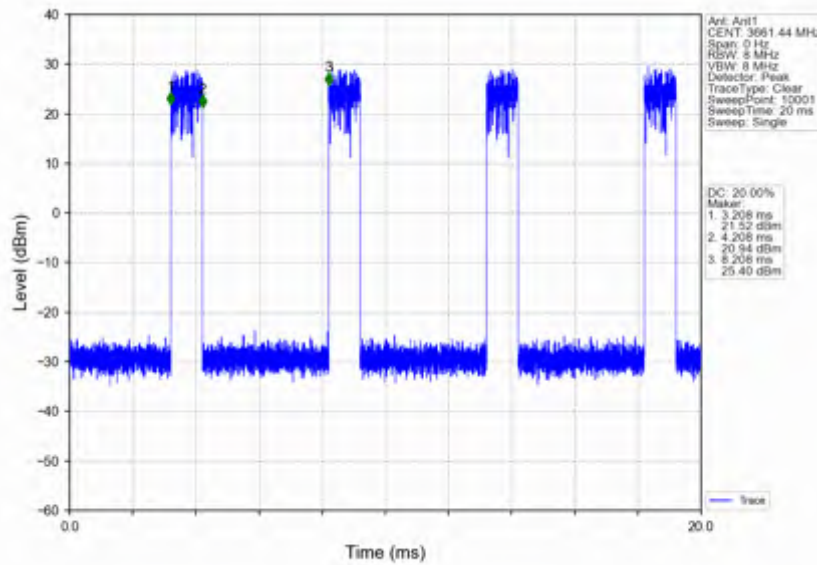
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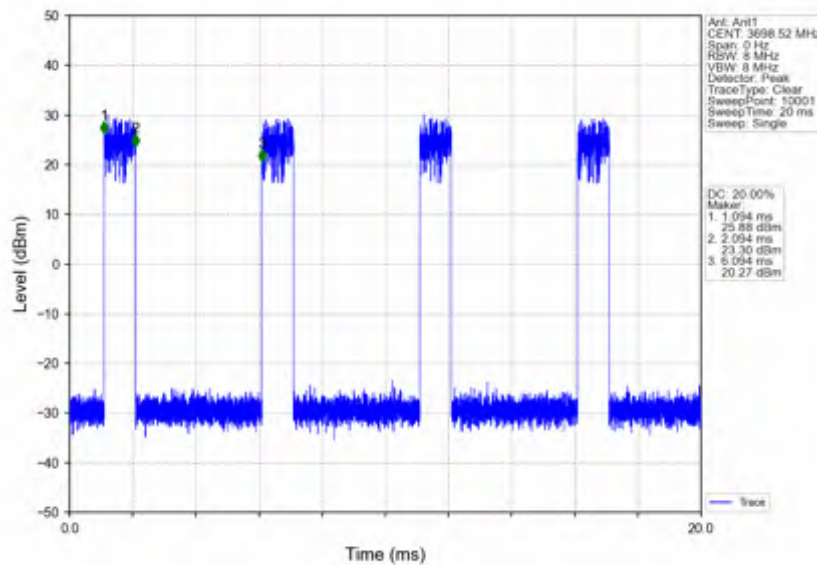
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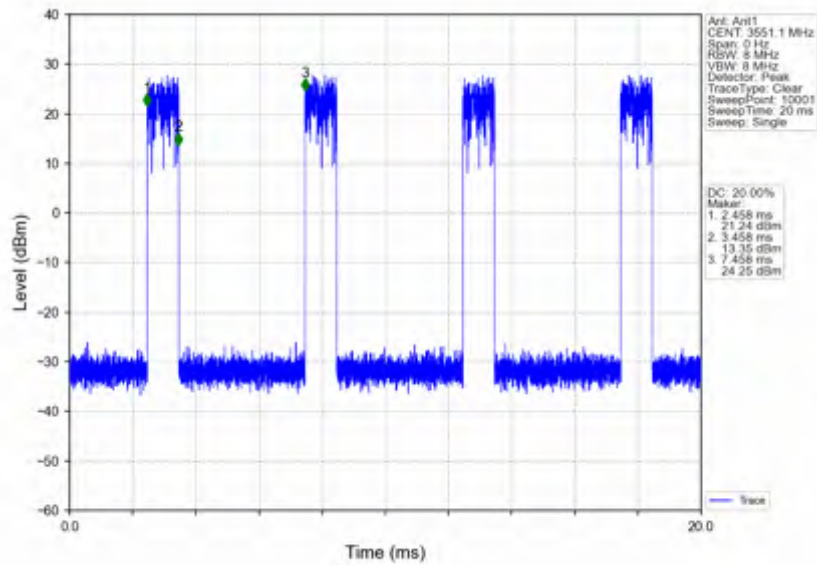
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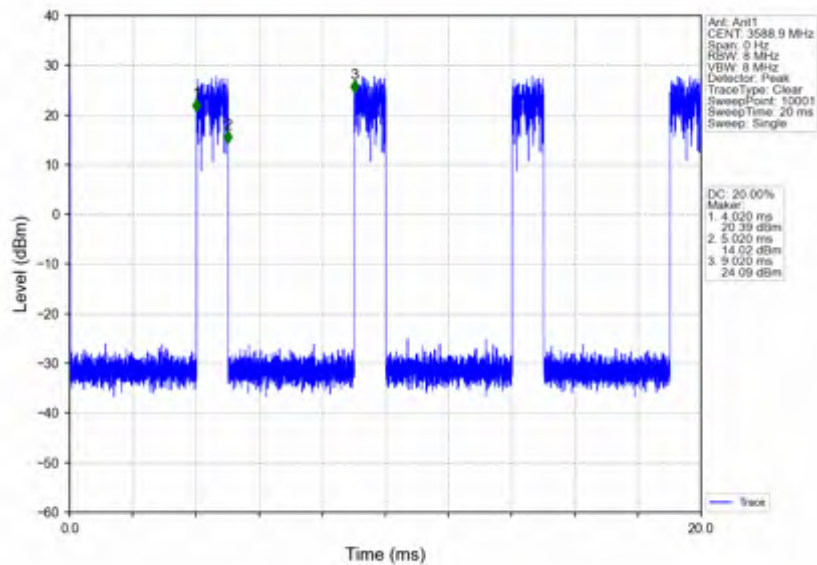
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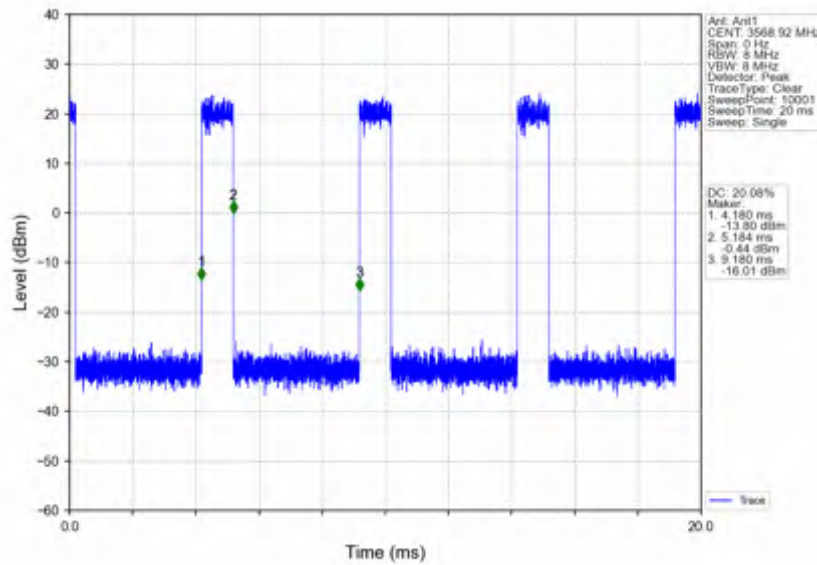
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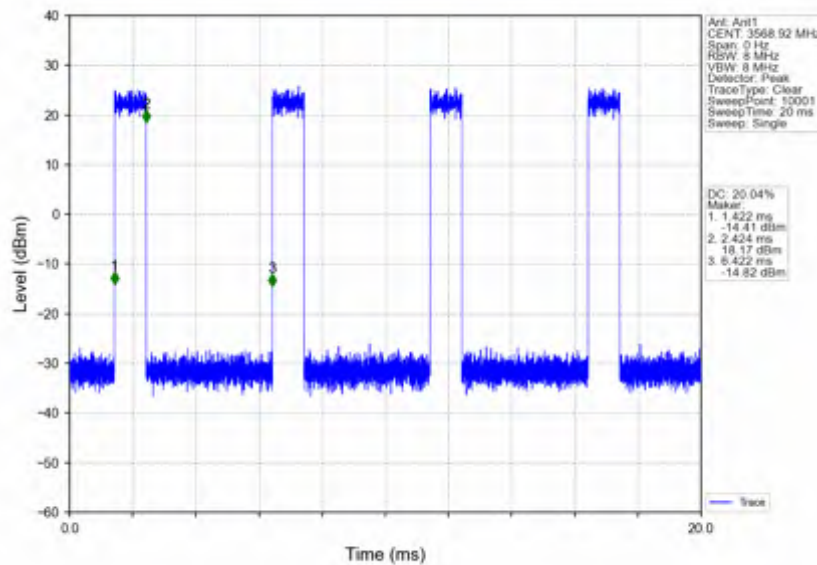
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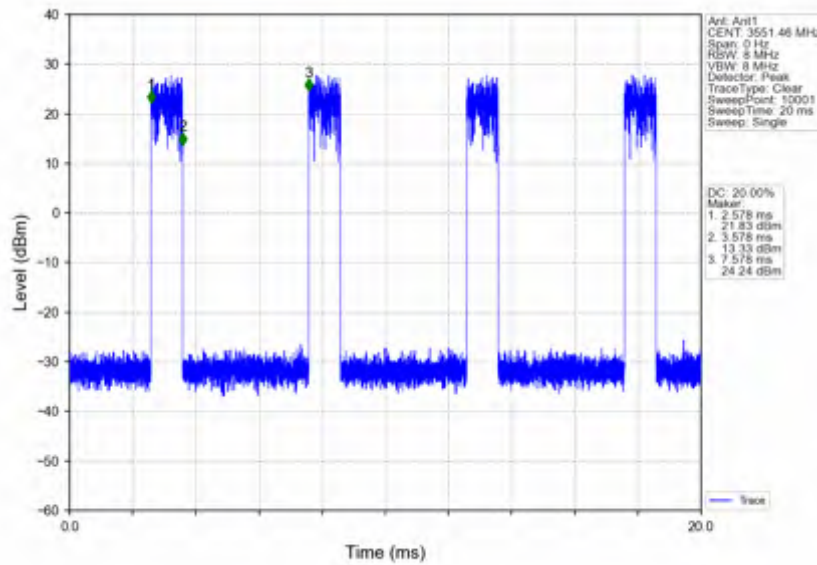
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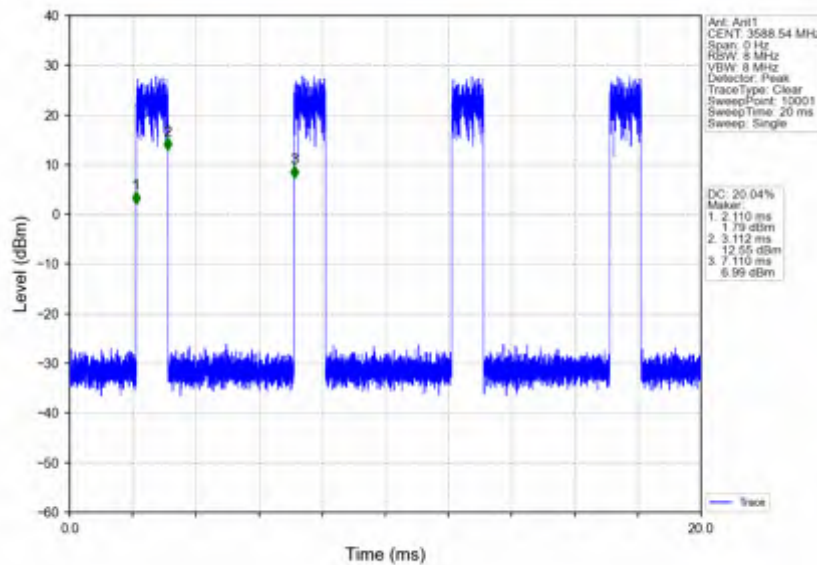
n78(3550-3700MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3570MHz_Inner_Full



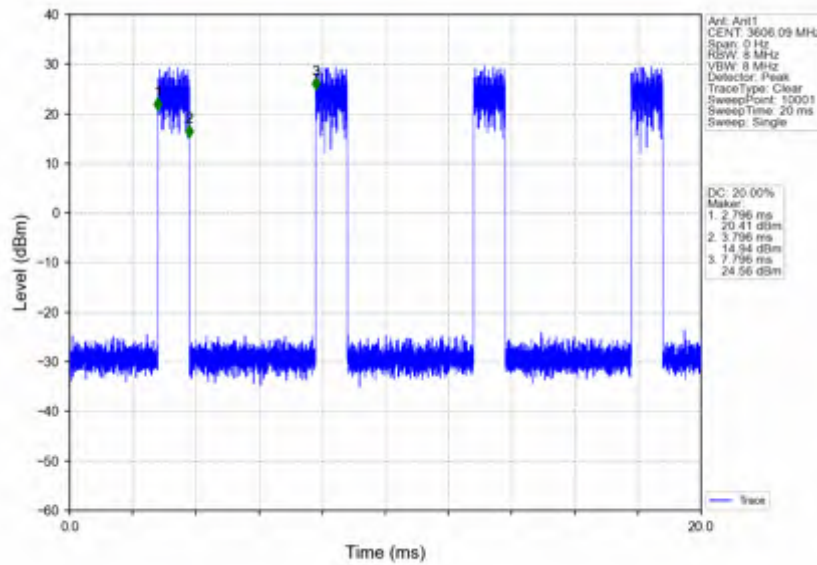
n78(3550-3700MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3570MHz_Inner_1RB_Left



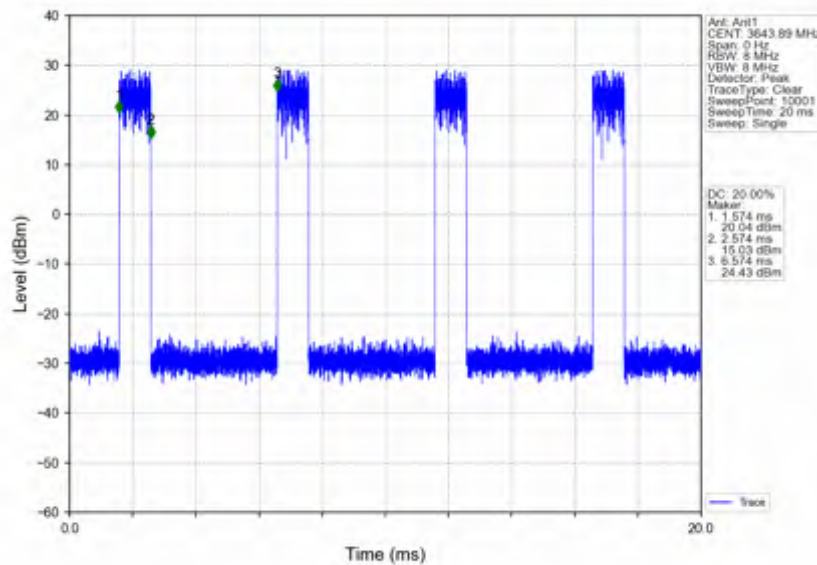
n78(3550-3700MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3570MHz_Inner_1RB_Right



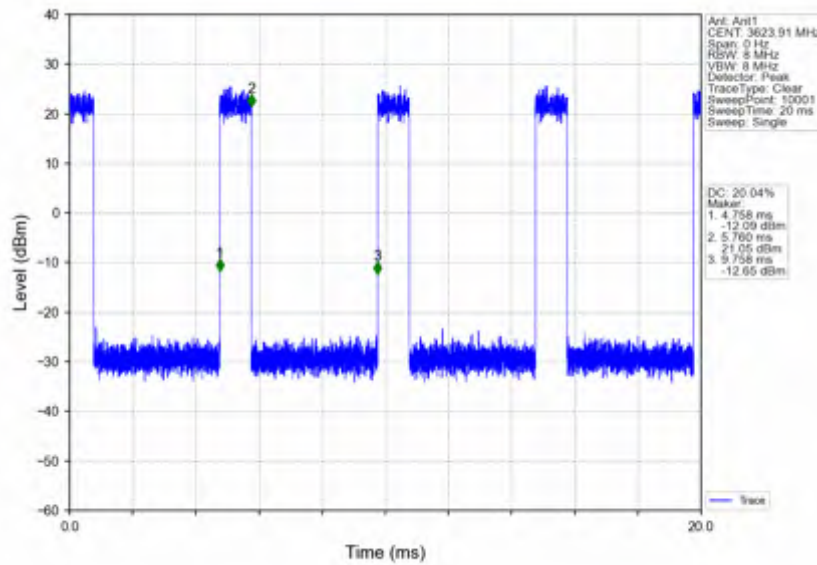
n78(3550-3700MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Edge_1RB_Left



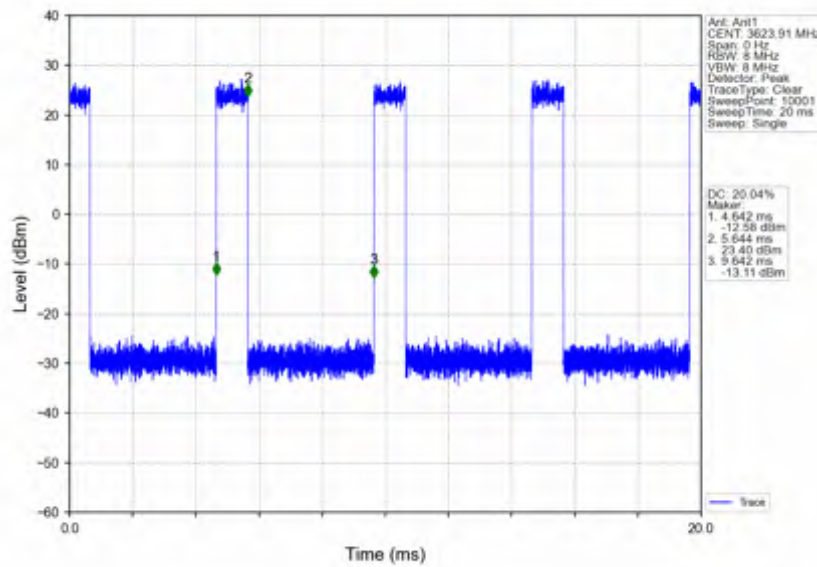
n78(3550-3700MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Edge_1RB_Right



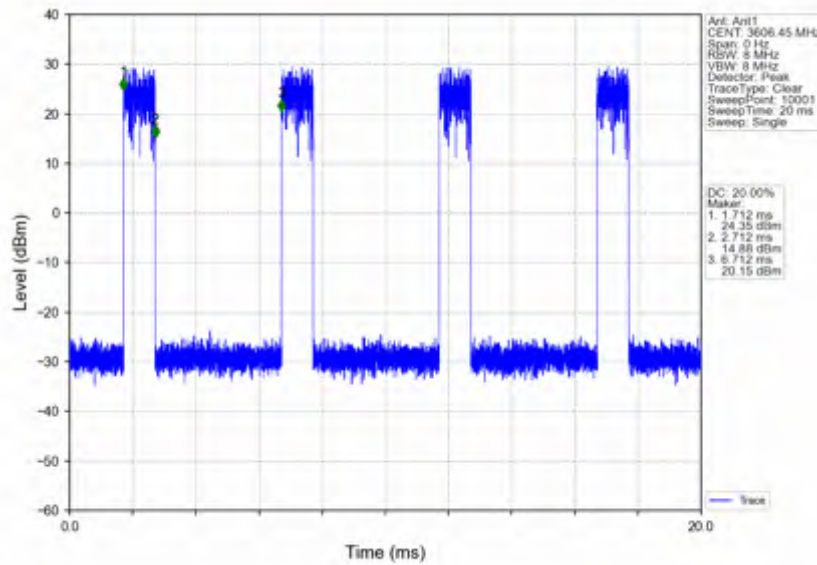
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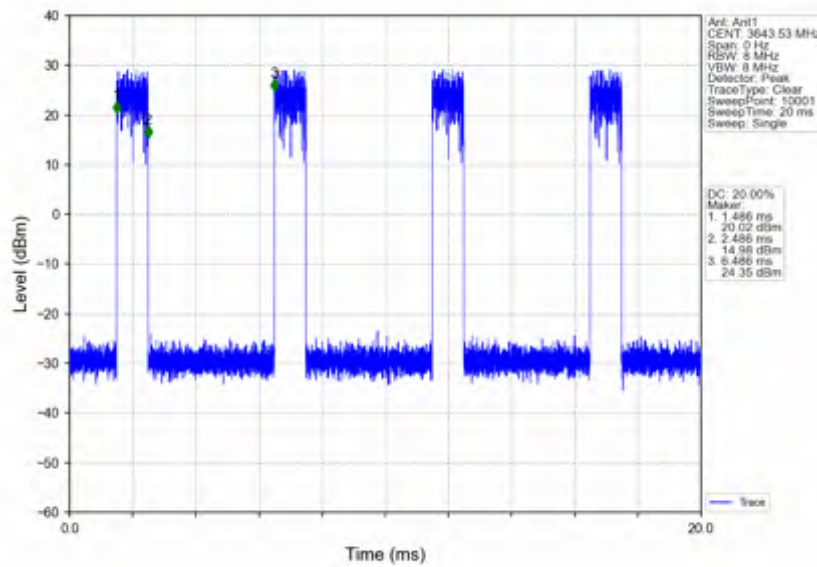
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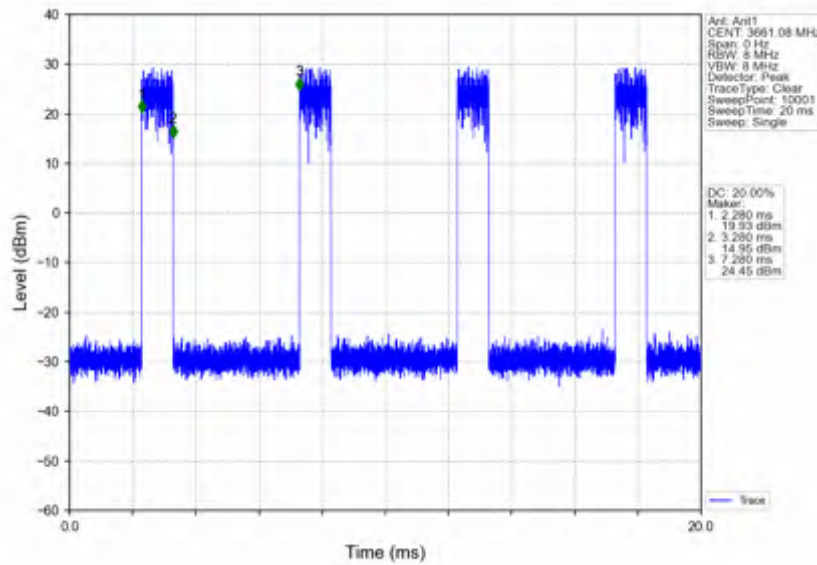
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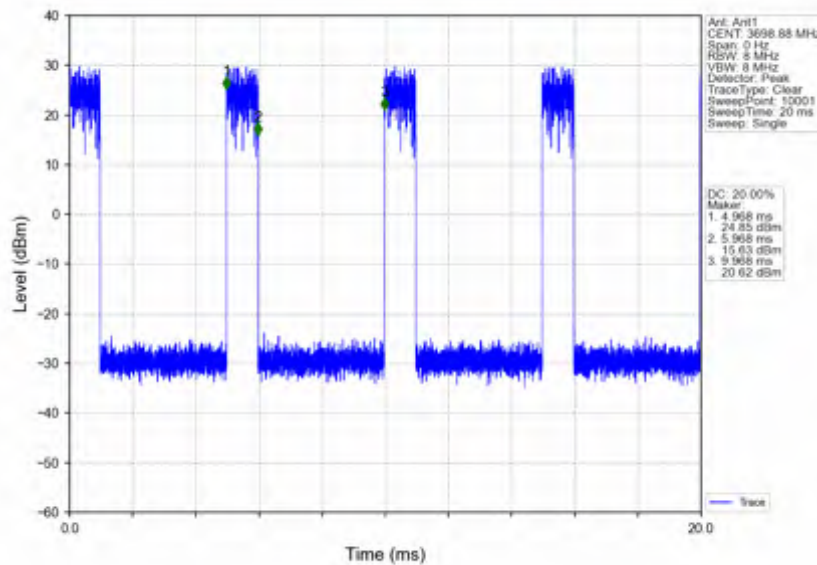
n78(3550-3700MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Inner_1RB_Right



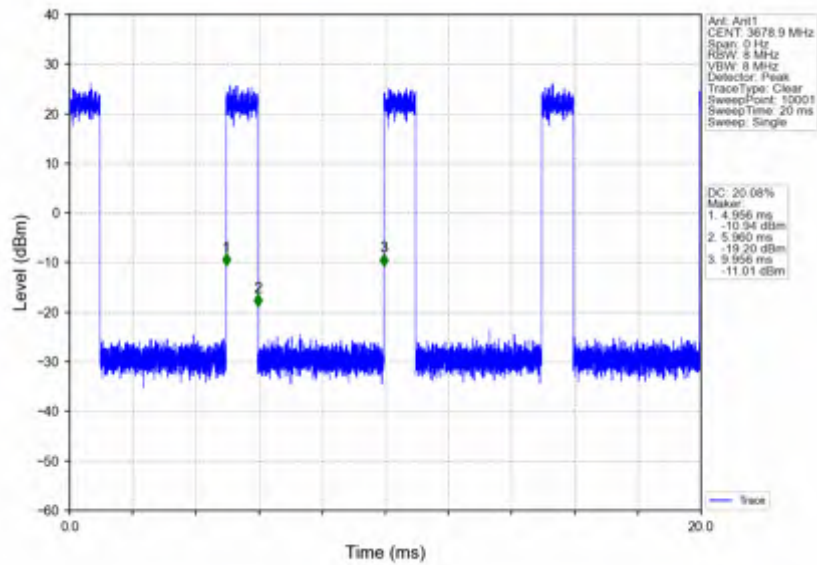
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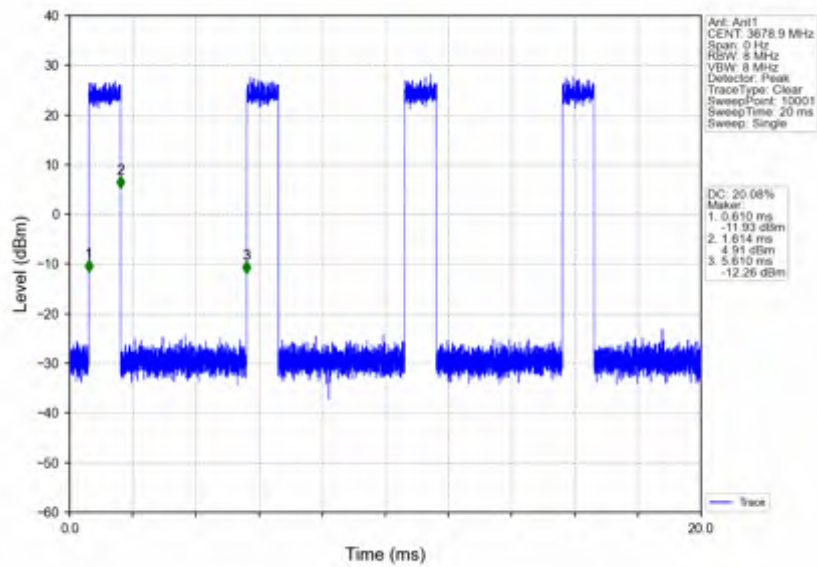
n78(3550-3700MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3679.98MHz_Edge_1RB_Right



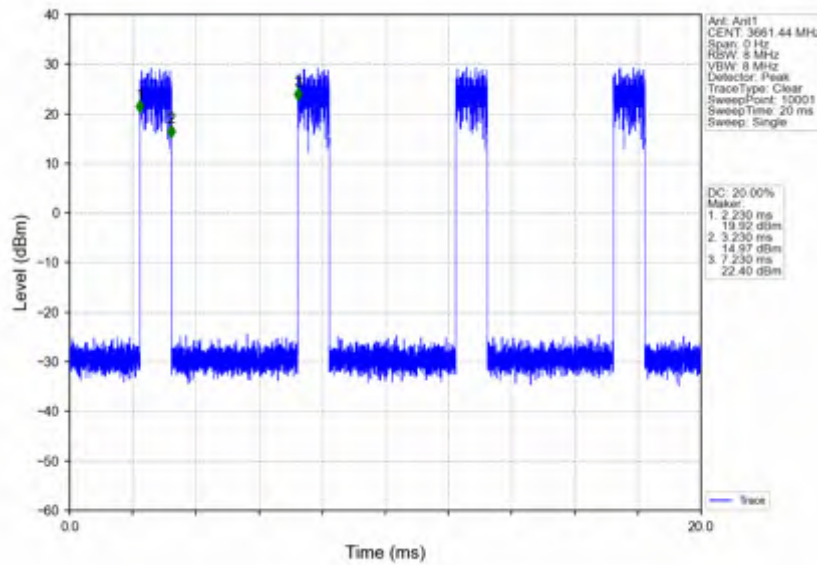
n78(3550-3700MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3679.98MHz_Outer_Full



n78(3550-3700MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3679.98MHz_Inner_Full



n78(3550-3700MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3679.98MHz_Inner_1RB_Left



n78(3550-3700MHz)_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3679.98MHz_Inner_1RB_Right

