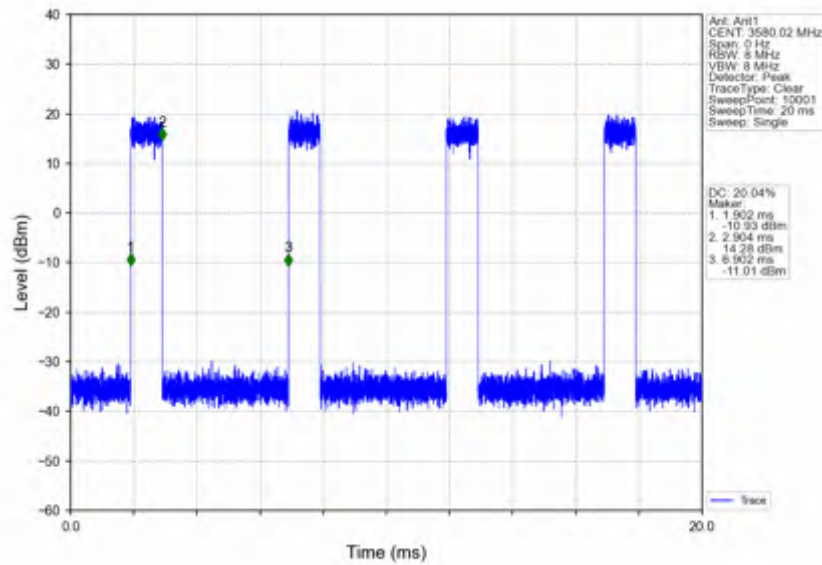
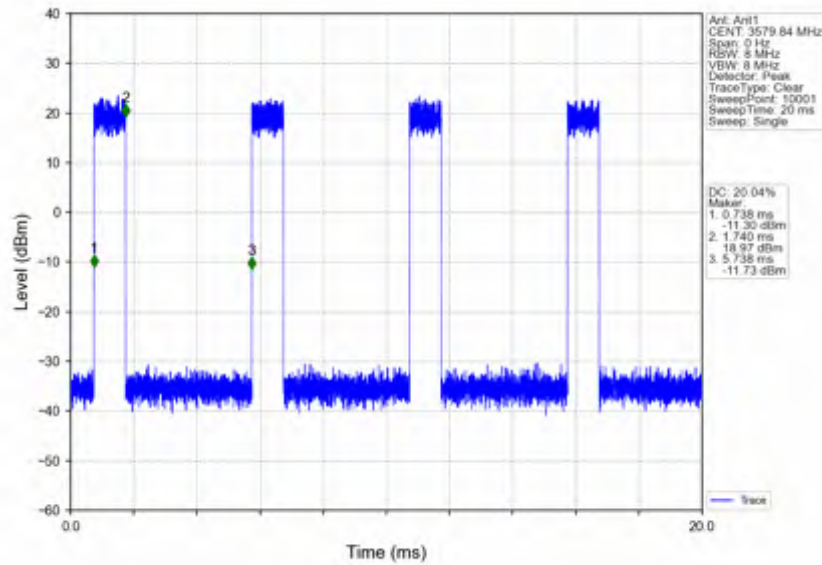


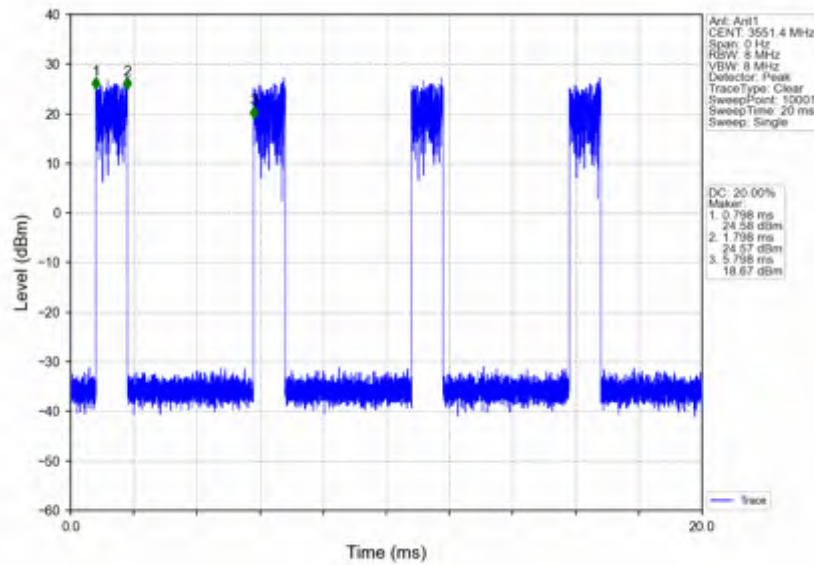
n78(3550-3700MHz) 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3580.02MHz Outer Full



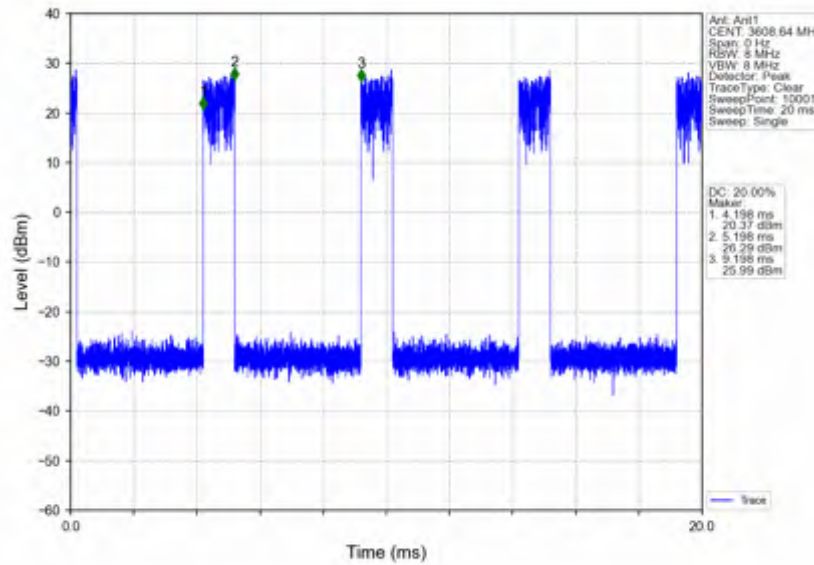
n78(3550-3700MHz) 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3580.02MHz Inner Full



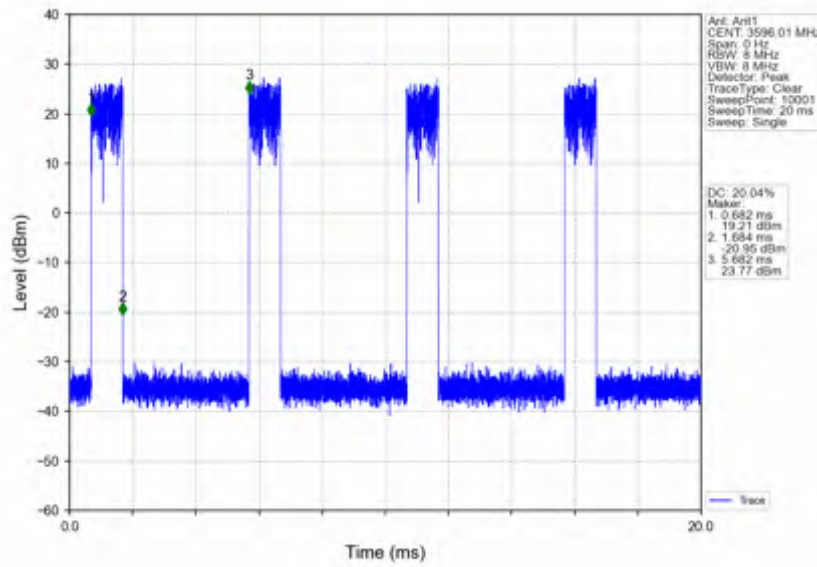
n78(3550-3700MHz) 30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM 3580.02MHz Inner 1RB Left



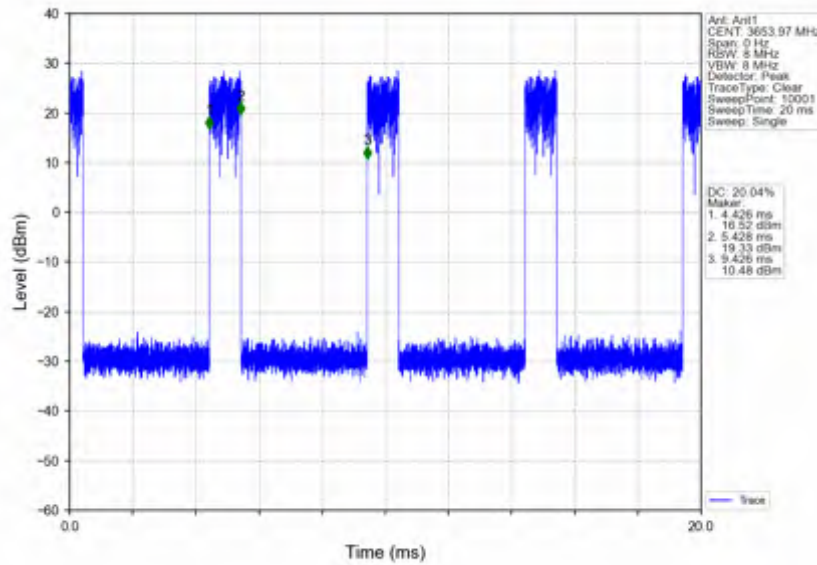
n78(3550-3700MHz) 30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM 3580.02MHz Inner 1RB Right



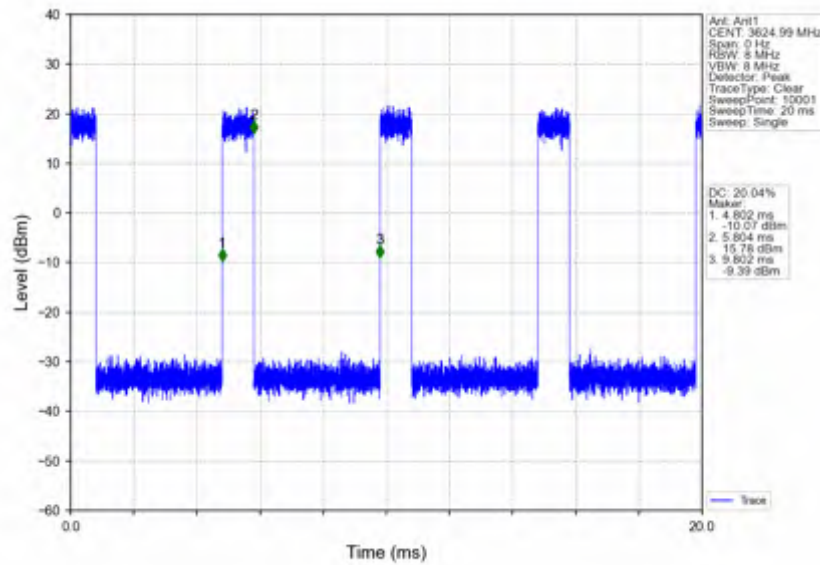
n78(3550-3700MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3624.99MHz_Edge_1RB_Left



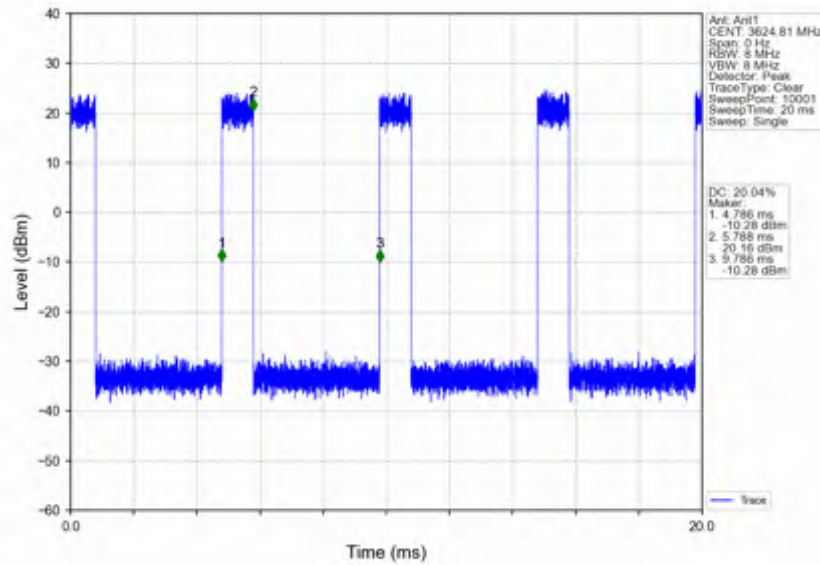
n78(3550-3700MHz)_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3624.99MHz_Edge_1RB_Right



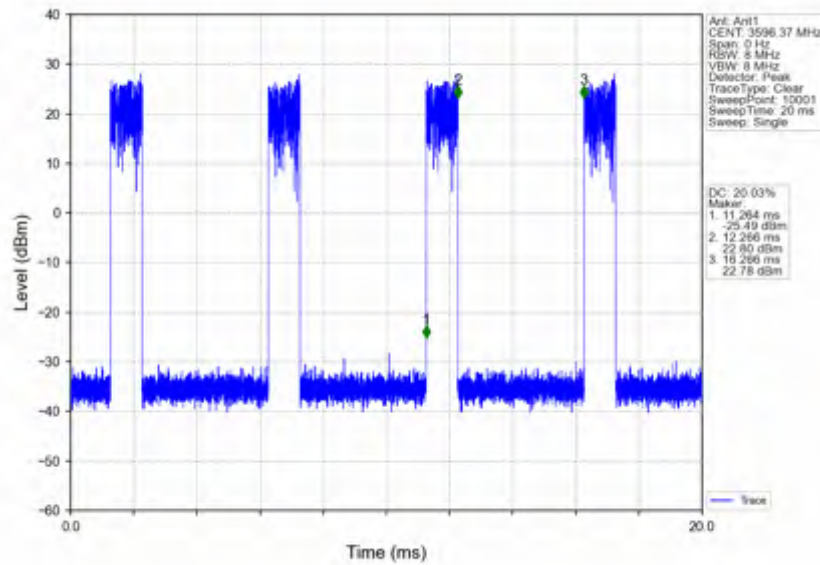
n78(3550-3700MHz) 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3624.99MHz Outer Full



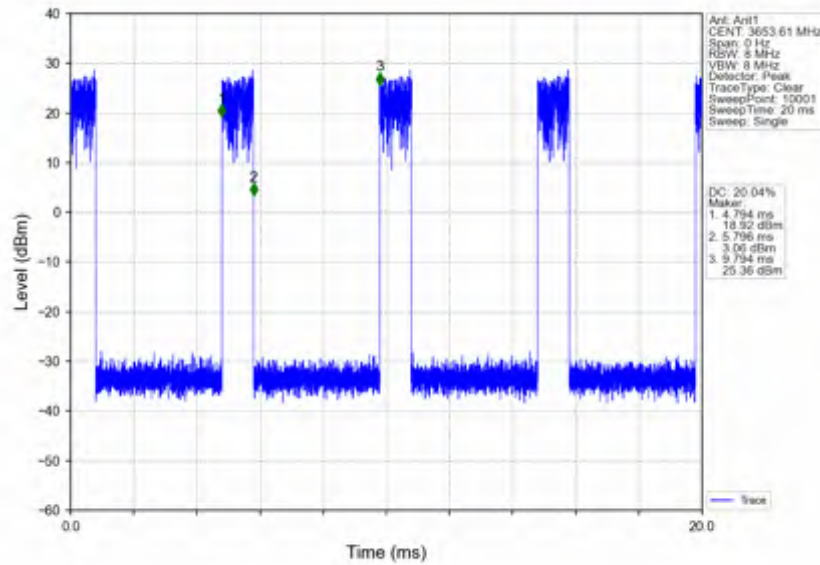
n78(3550-3700MHz) 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3624.99MHz Inner Full



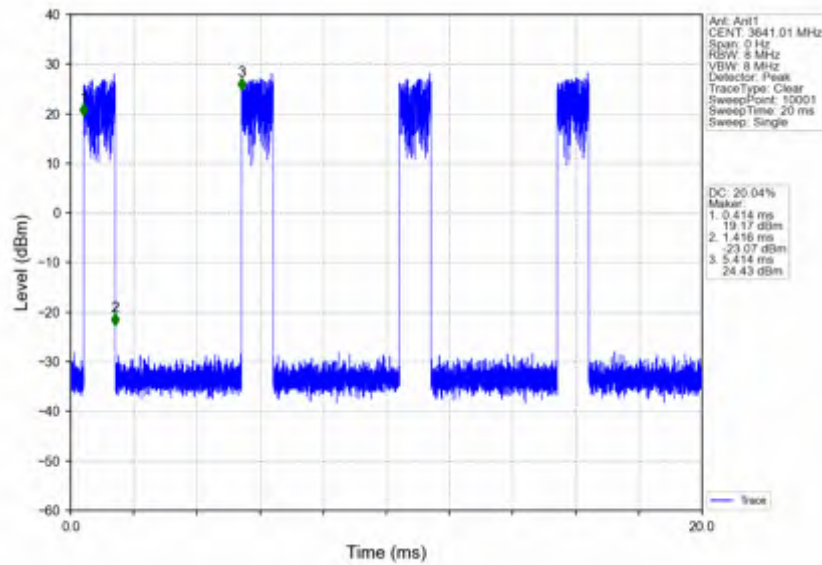
n78(3550-3700MHz) 30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM 3624.99MHz_Inner_1RB_Left



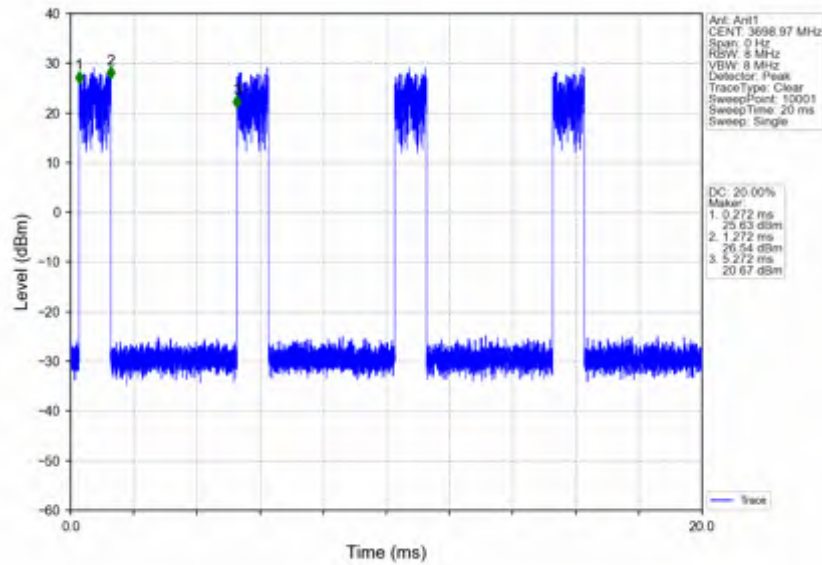
n78(3550-3700MHz) 30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM 3624.99MHz_Inner_1RB_Right



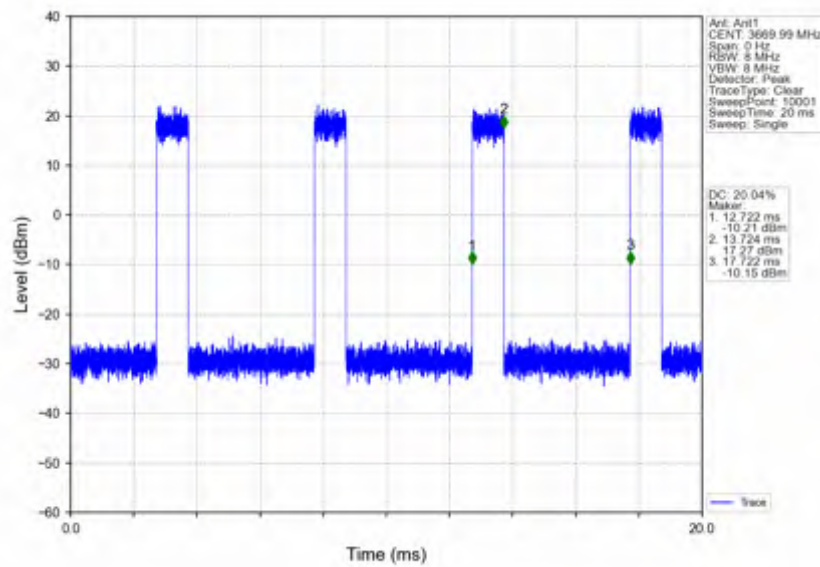
n78(3550-3700MHz) 30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM 3669.99MHz_Edge_1RB_Left



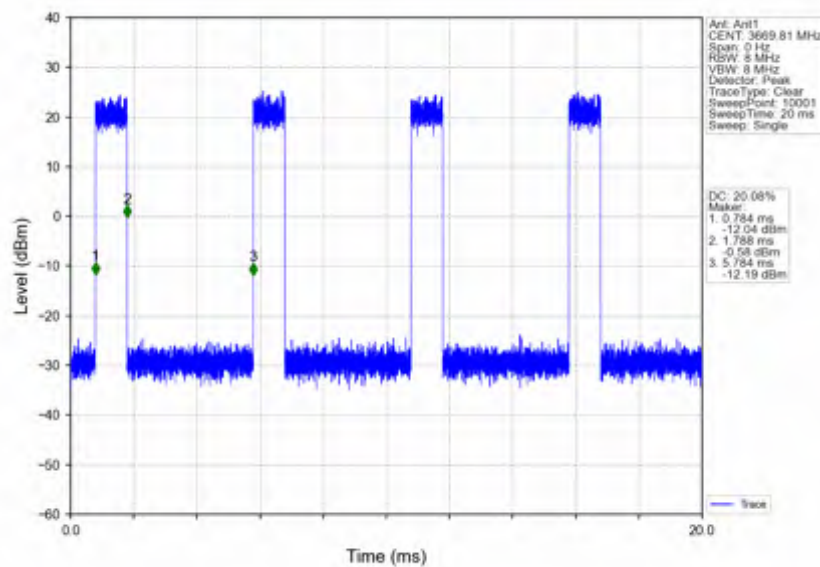
n78(3550-3700MHz) 30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM 3669.99MHz_Edge_1RB_Right



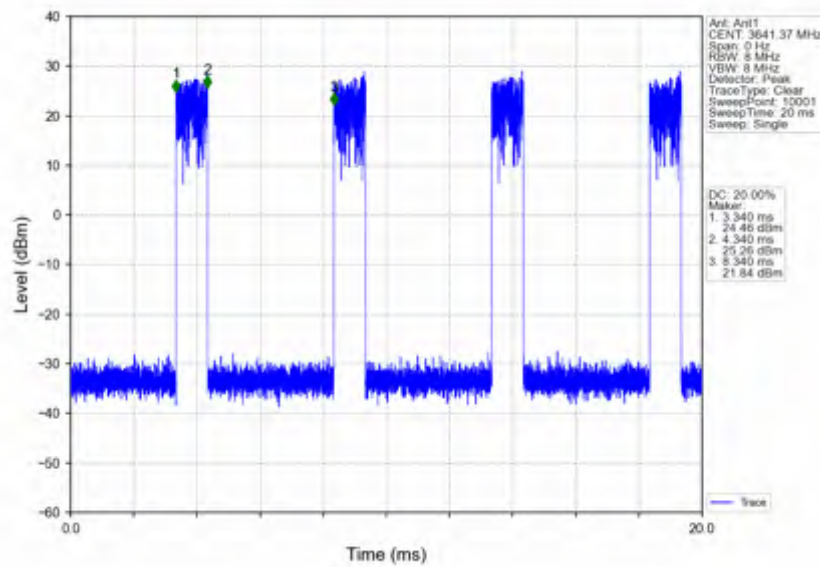
n78(3550-3700MHz) 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3669.99MHz Outer Full



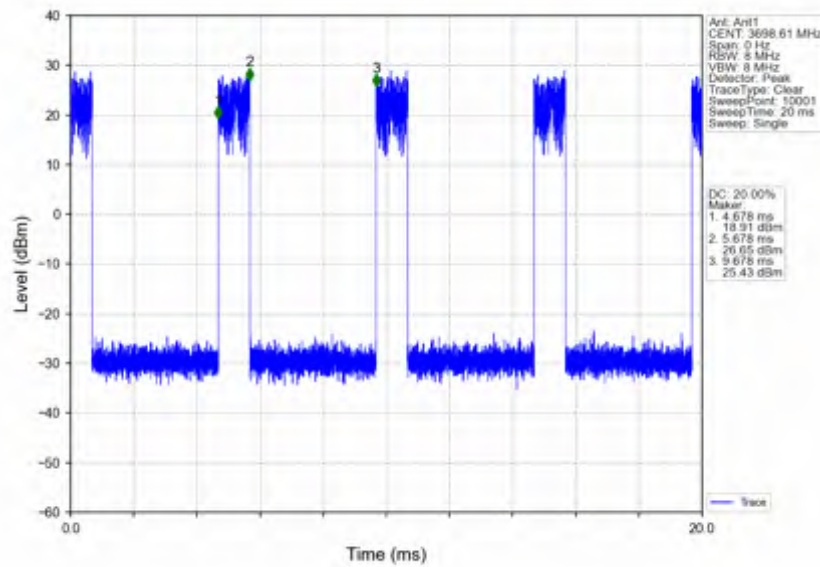
n78(3550-3700MHz) 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3669.99MHz Inner Full



n78(3550-3700MHz) 30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3669.99MHz_Inner_1RB_Left



n78(3550-3700MHz) 30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3669.99MHz_Inner_1RB_Right



**1.6 30k_SISO_70MHz_NTNV****1.6.1 Test Result**

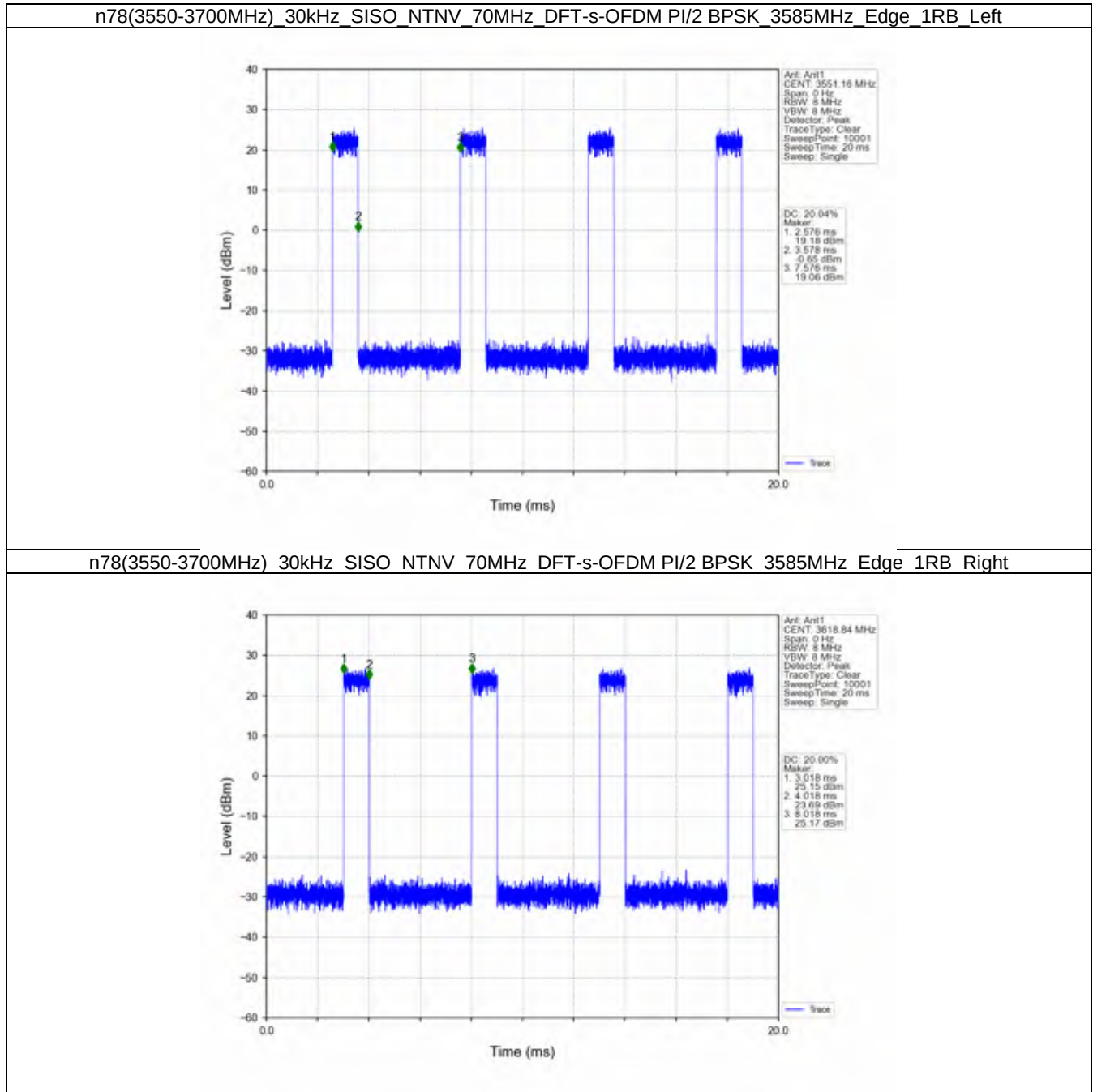
5G NR n78(3550-3700MHz) SCS=30kHz SISO 70MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
DFT-s-OFDM PI/2 BPSK	3585	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	4.998	20.05	6.98	0.03
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3664.98	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
DFT-s-OFDM QPSK	3585	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3664.98	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.04
DFT-s-OFDM 16 QAM	3585	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.04
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.04

	3664.98	Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM 64 QAM	3585	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.004	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	1.002	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	1.004	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
	3664.98	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM 256 QAM	3585	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		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	1.004	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
	3664.98	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	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 QPSK	3585	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.002	5.000	20.04	6.98	0.00
		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
	3664.98	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	4.998	20.05	6.98	0.03

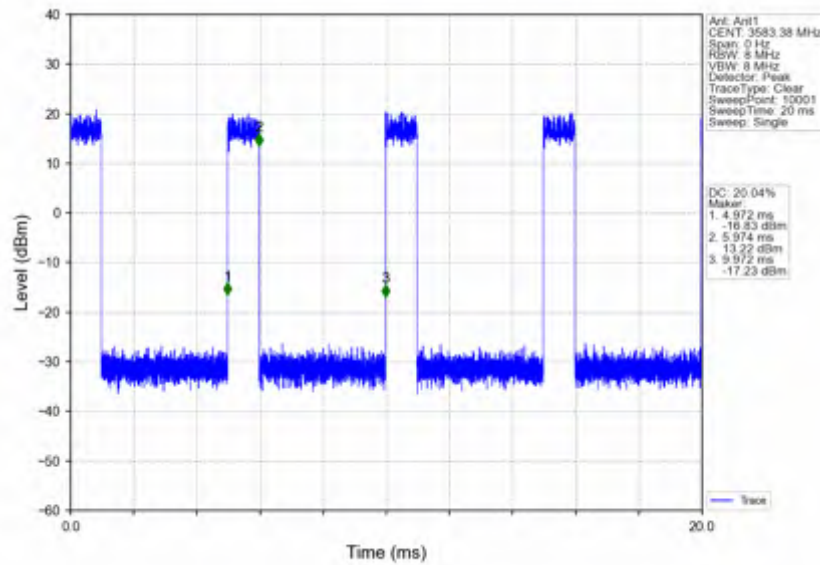
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
CP-OFDM 16 QAM	3585	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	4.998	20.01	6.99	0.03
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3624.99	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
	3664.98	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		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
CP-OFDM 64 QAM	3585	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	4.998	20.01	6.99	0.03
	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	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3664.98	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.004	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 256 QAM	3585	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		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	1.004	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
	3664.98	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00



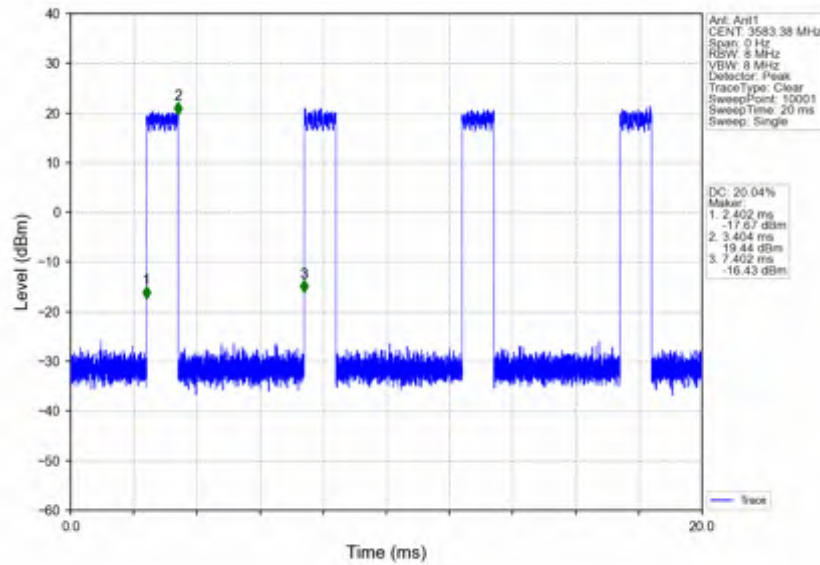
1.6.2 Test Graph



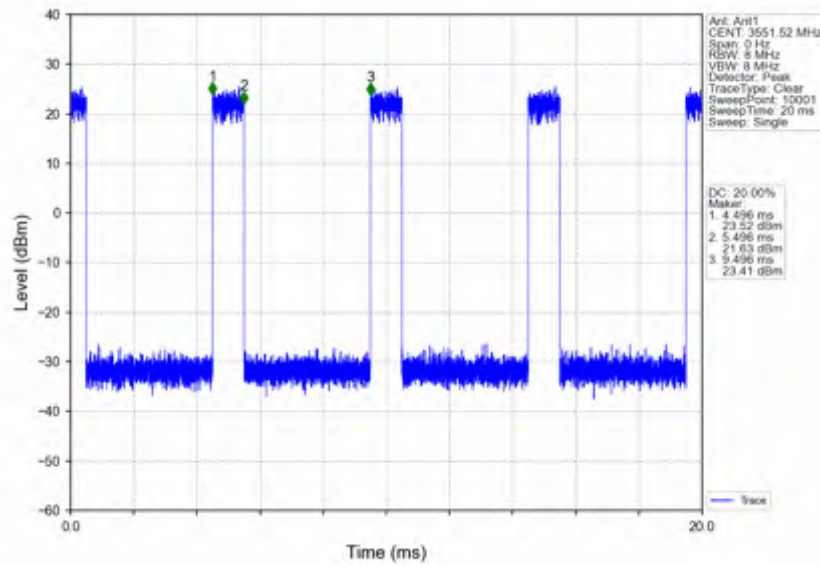
n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK 3585MHz_Outer_Full



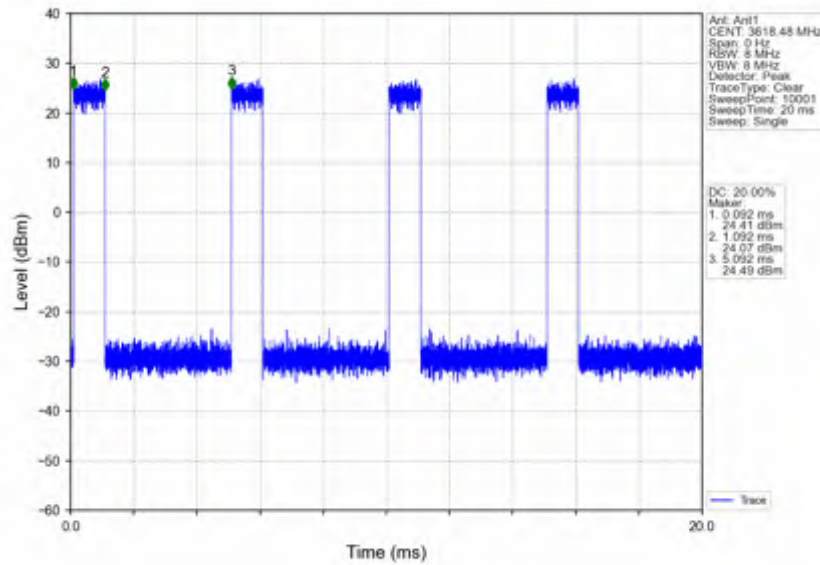
n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK 3585MHz_Inner_Full



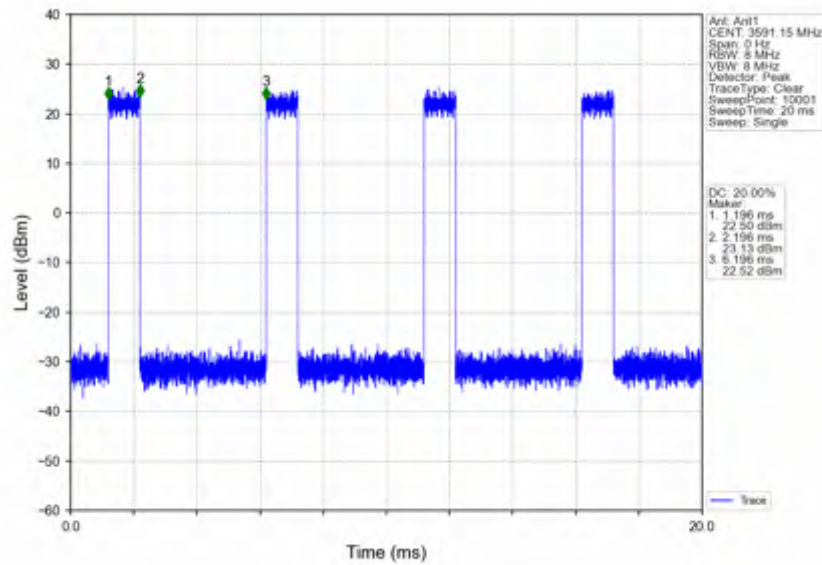
n78(3550-3700MHz) 30kHz SISO NTN 70MHz DFT-s-OFDM PI/2 BPSK 3585MHz Inner 1RB Left



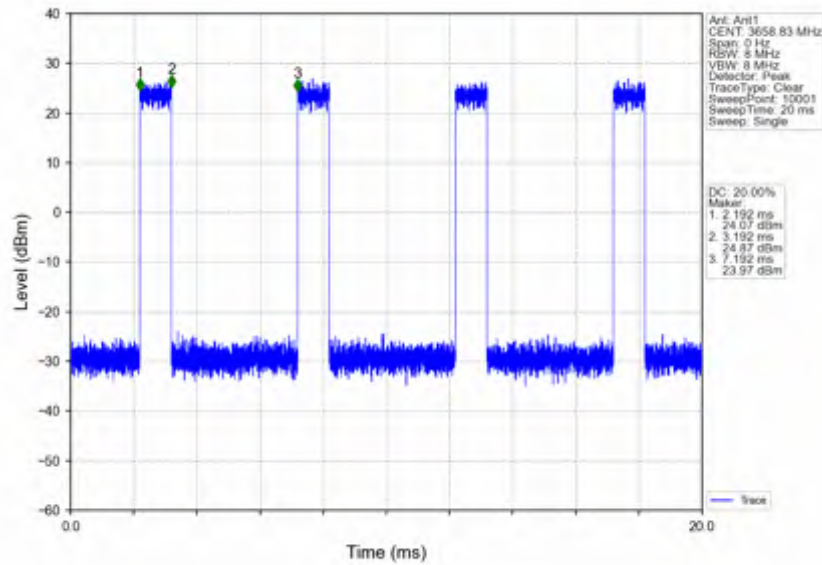
n78(3550-3700MHz) 30kHz SISO NTN 70MHz DFT-s-OFDM PI/2 BPSK 3585MHz Inner 1RB Right



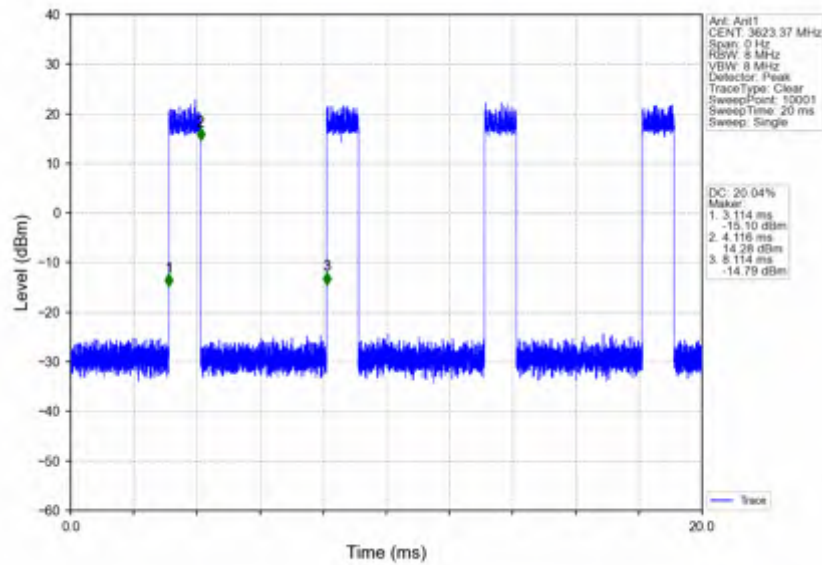
n78(3550-3700MHz) 30kHz SISO NTN 70MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Edge 1RB Left



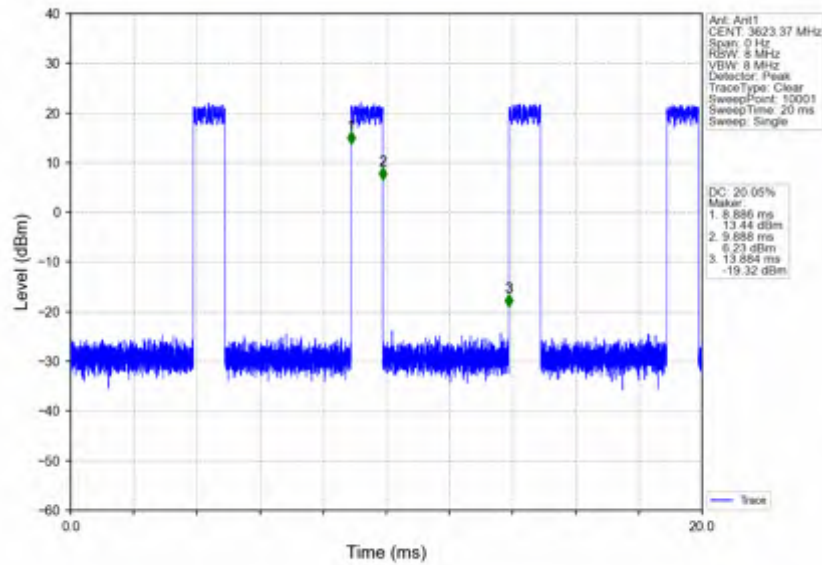
n78(3550-3700MHz) 30kHz SISO NTN 70MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Edge 1RB Right



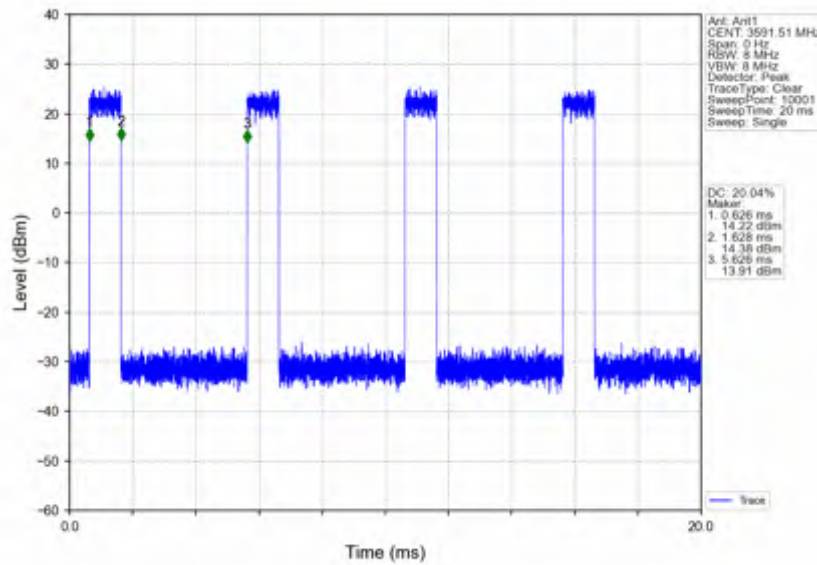
n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK 3624.99MHz_Outer_Full



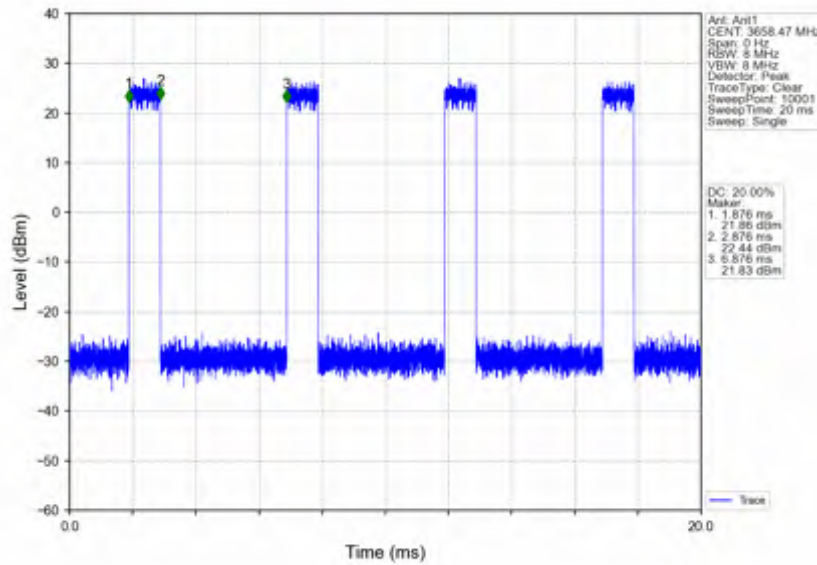
n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK 3624.99MHz_Inner_Full



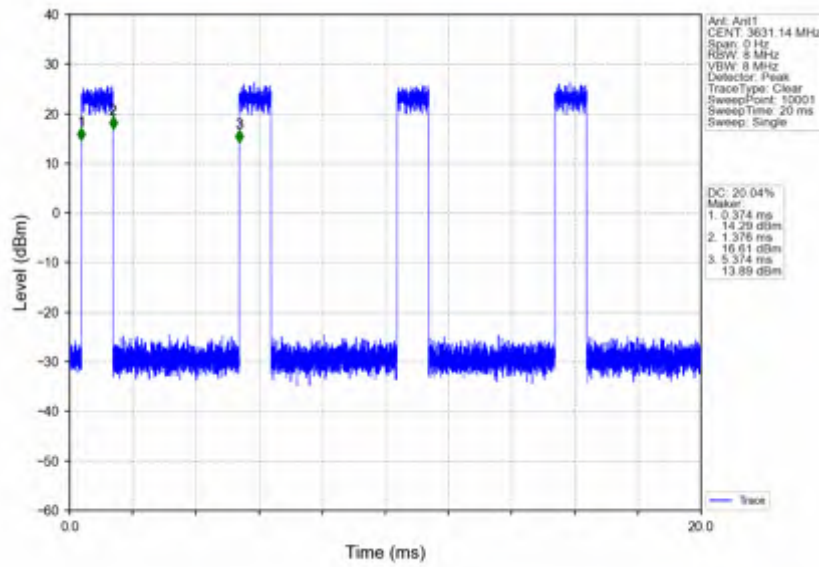
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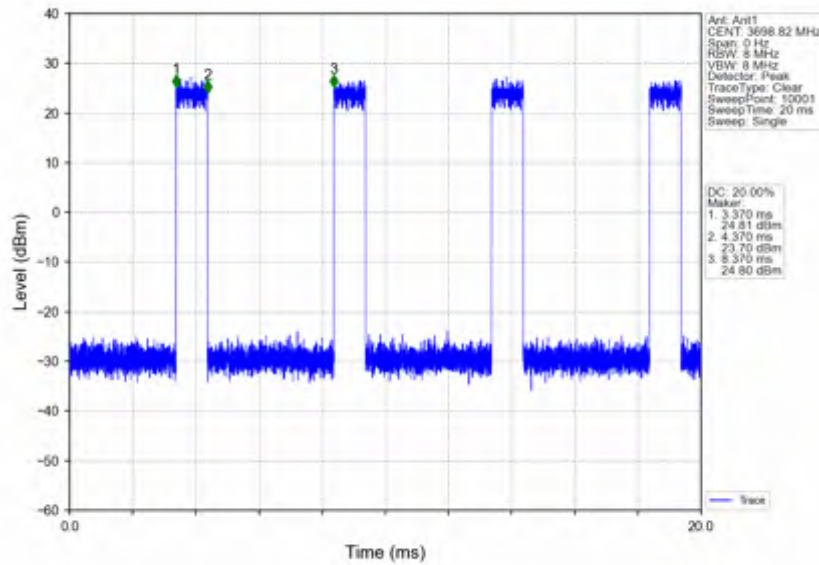
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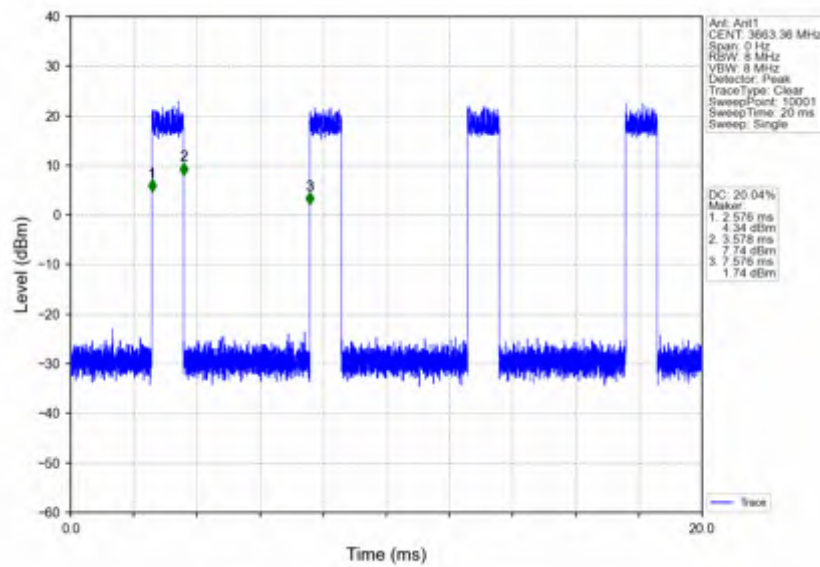
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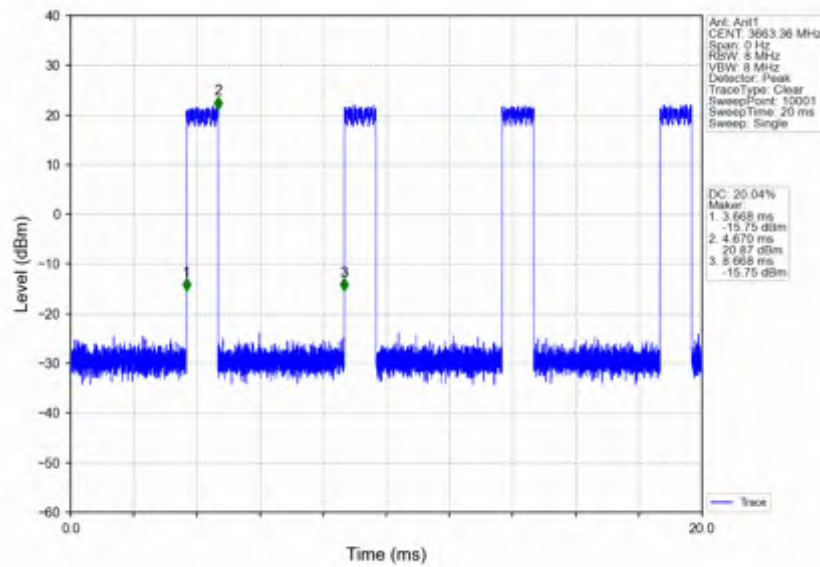
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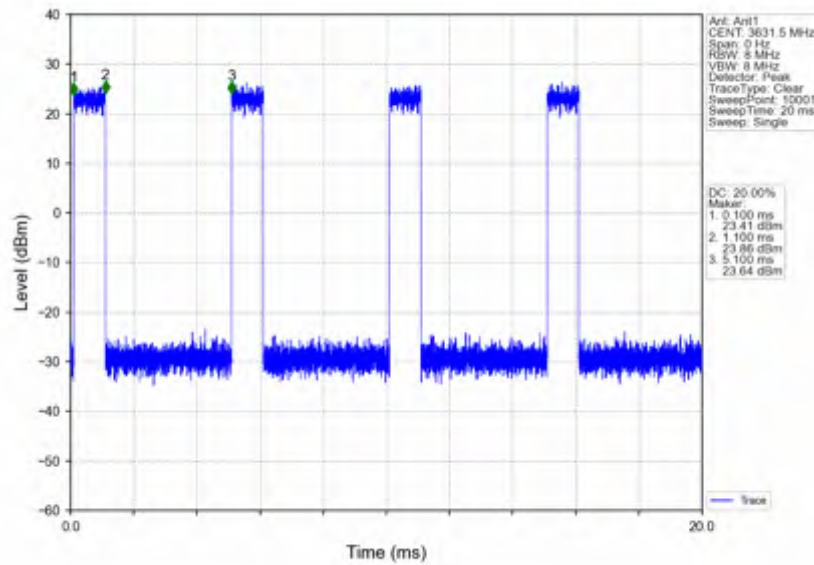
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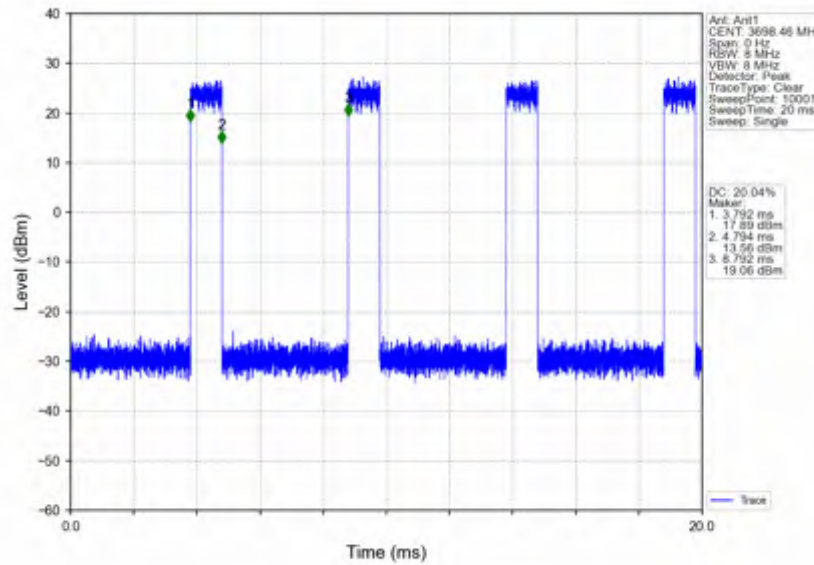
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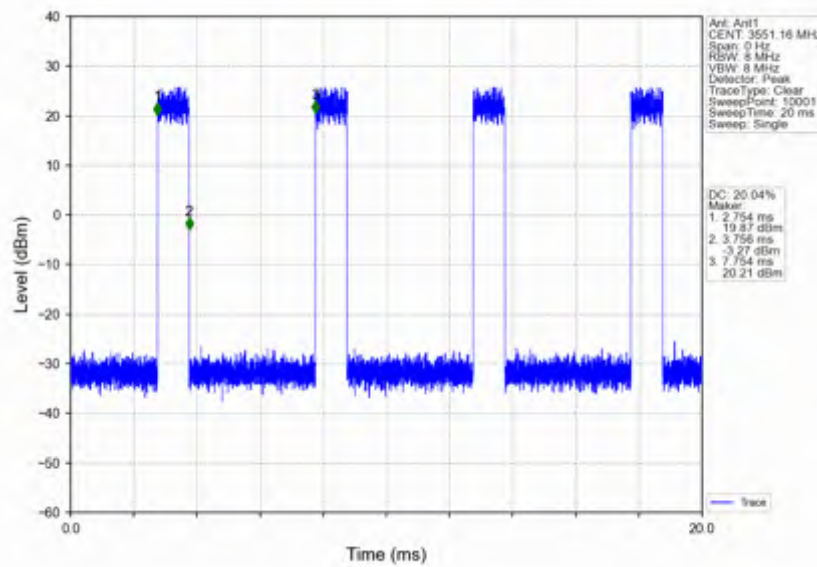
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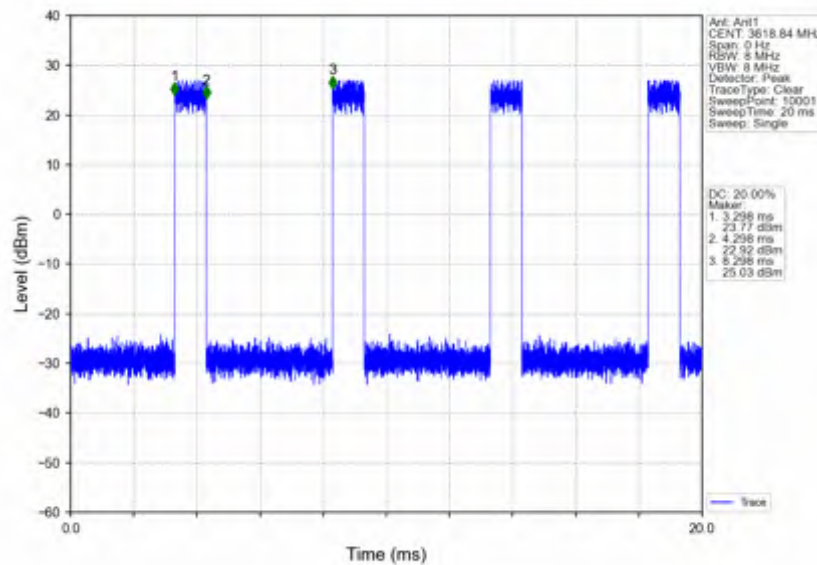
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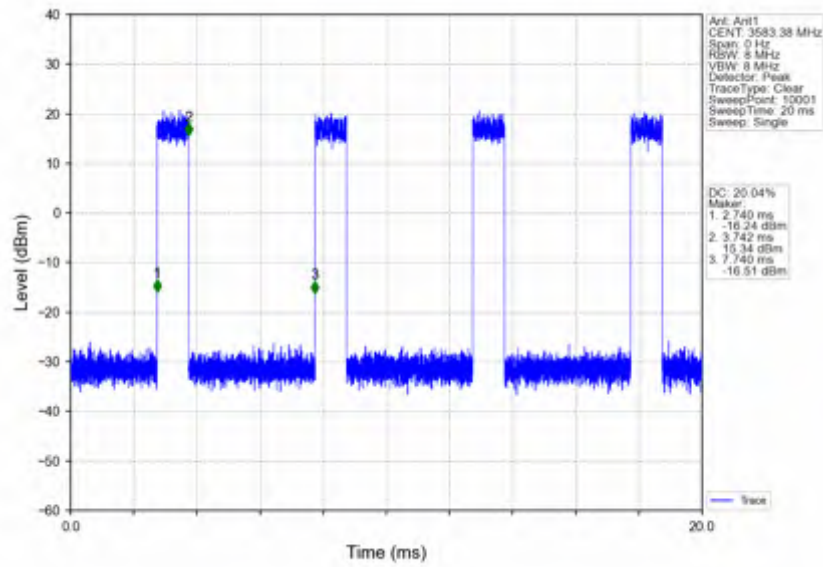
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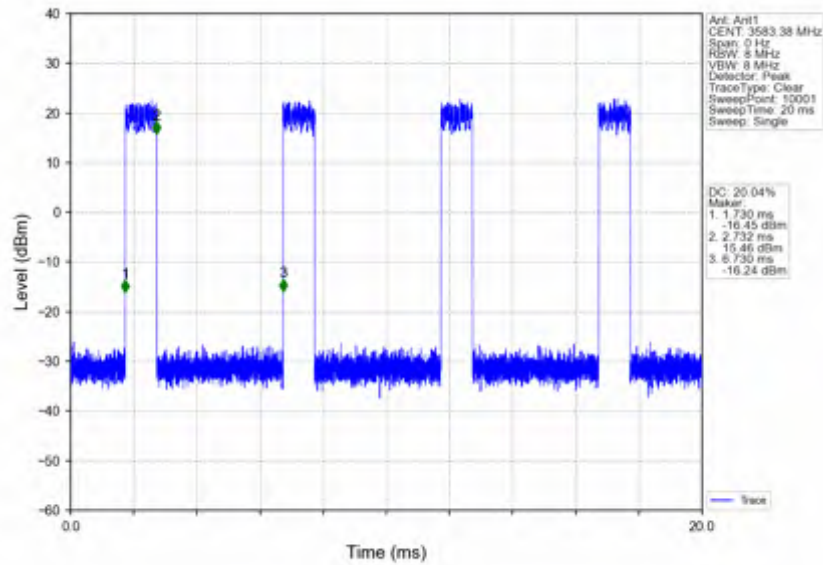
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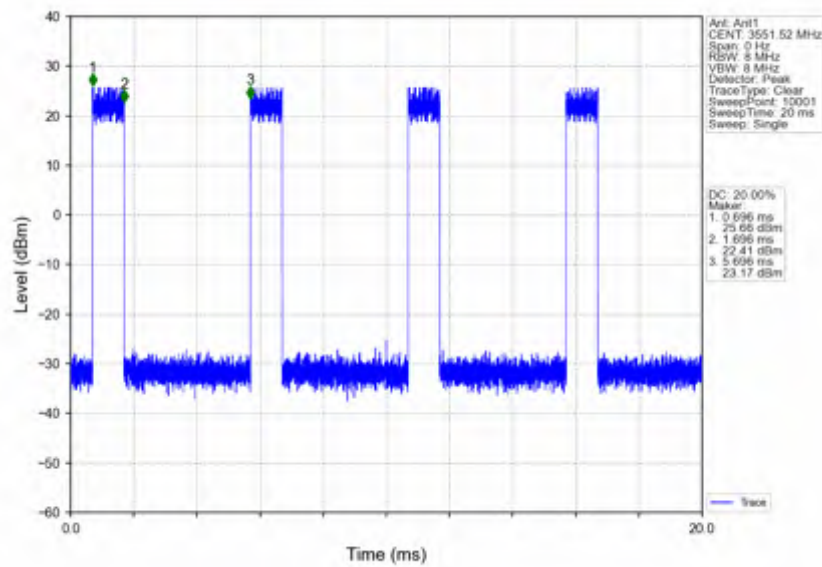
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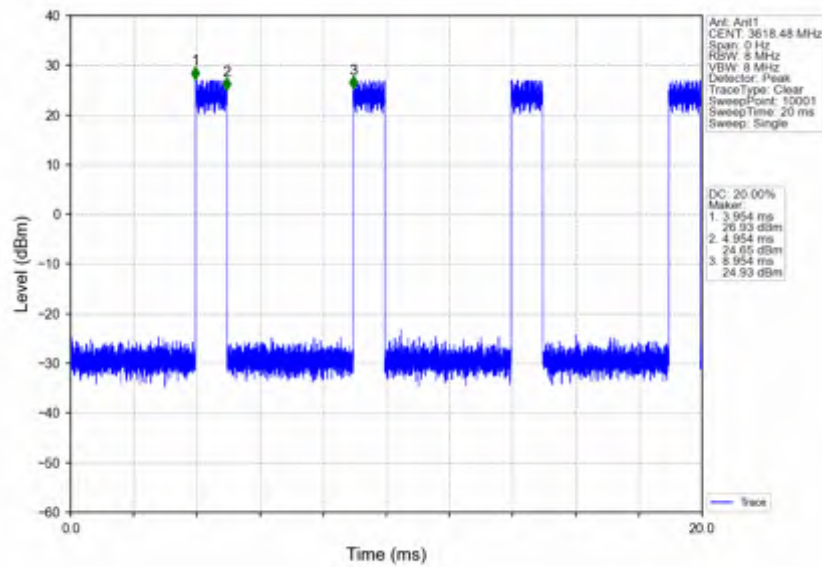
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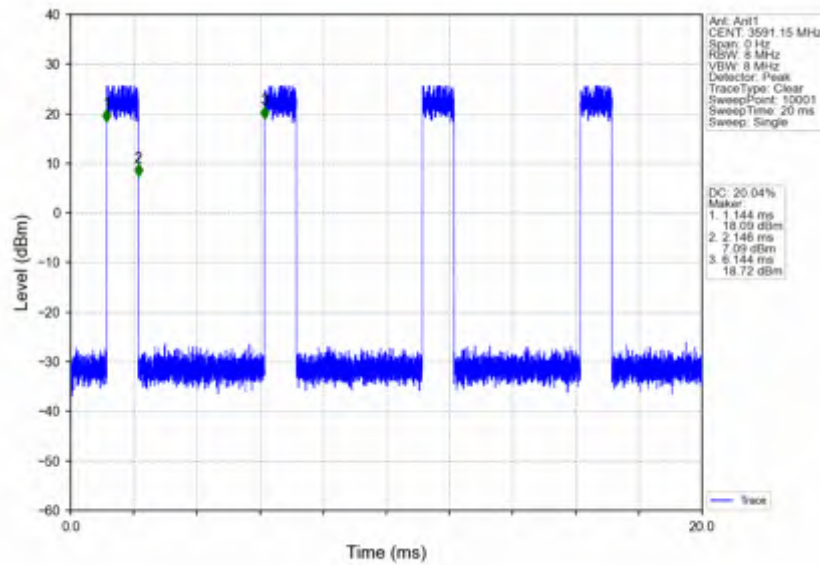
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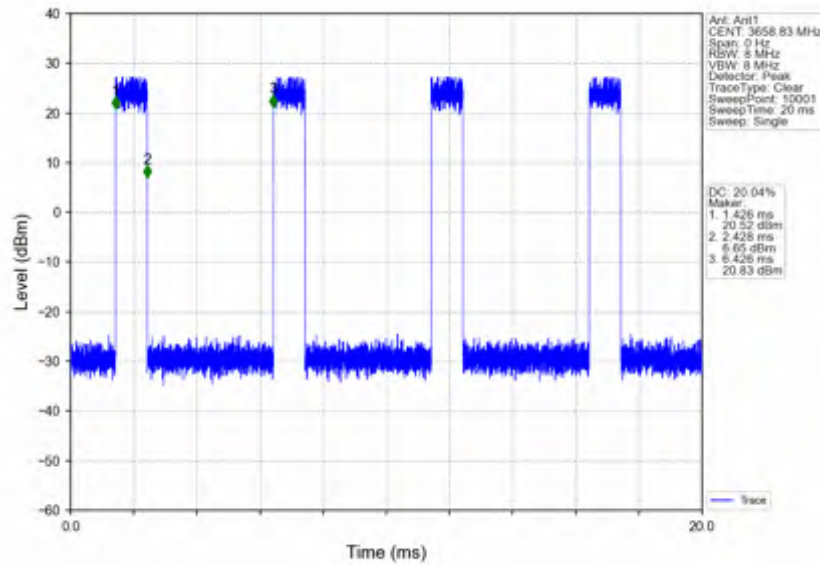
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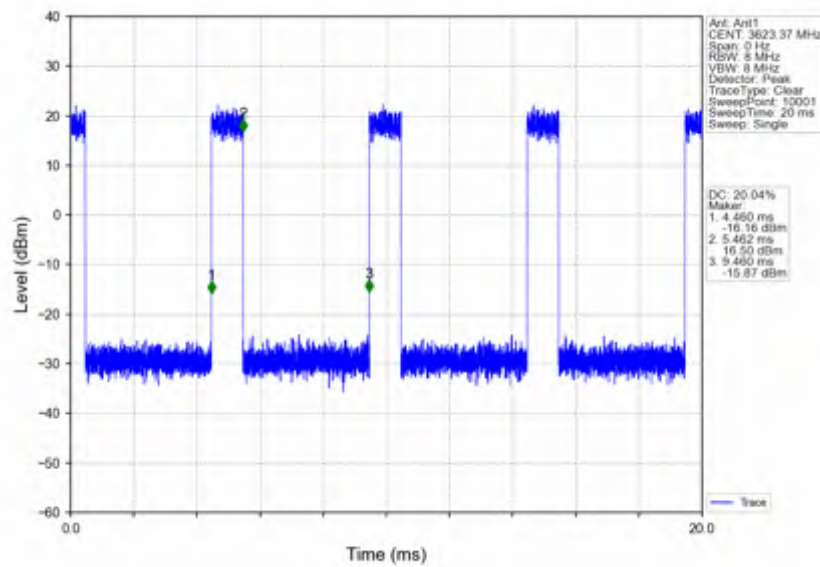
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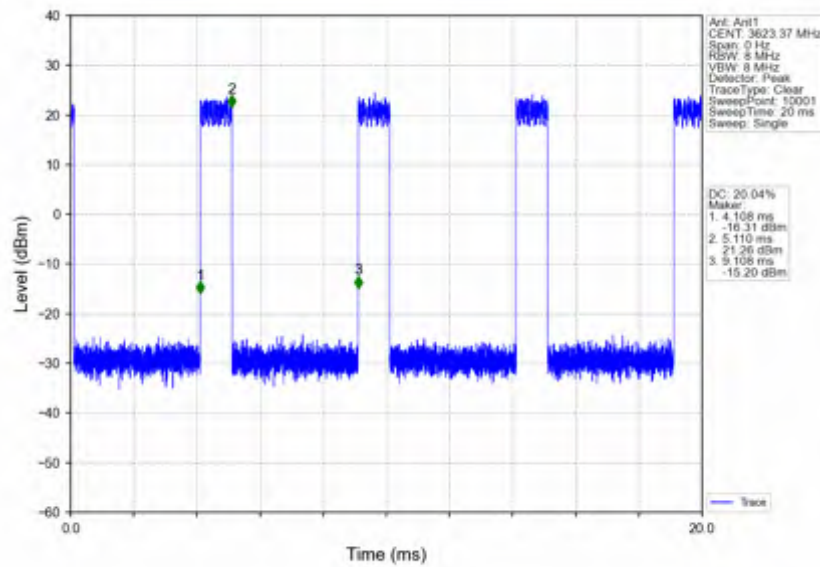
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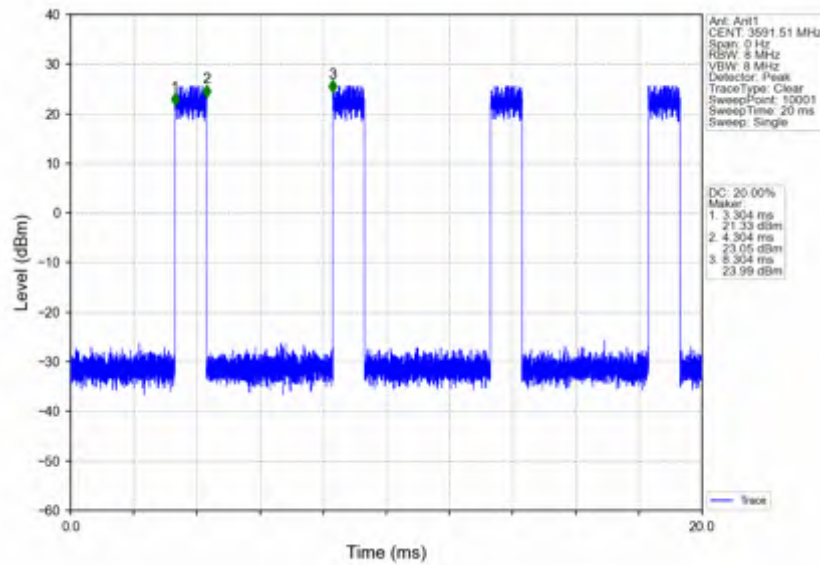
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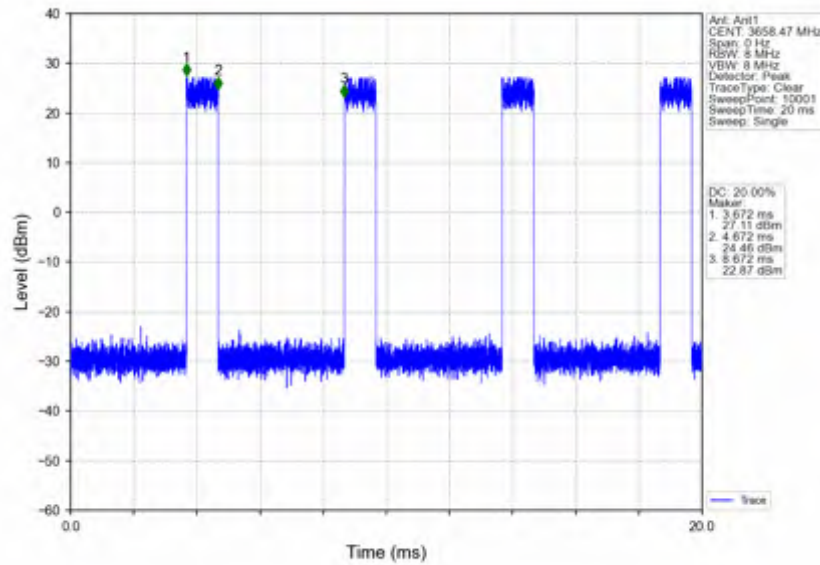
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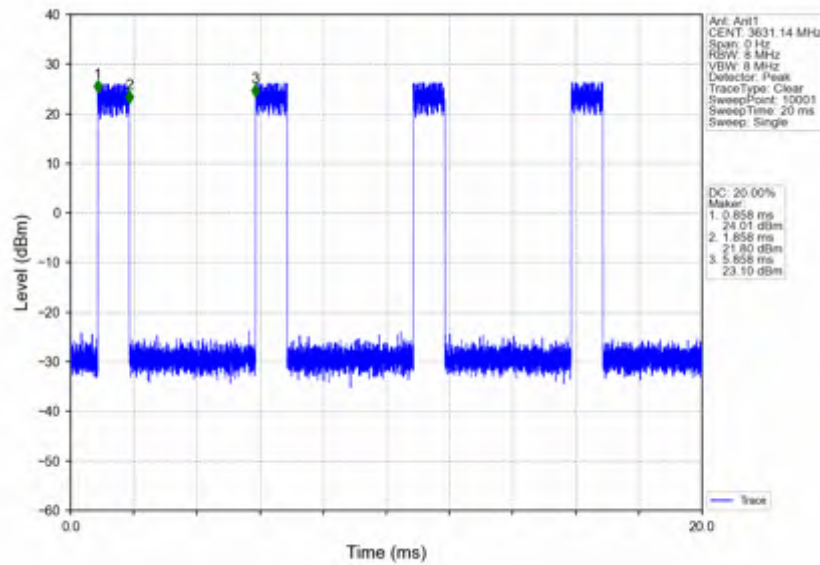
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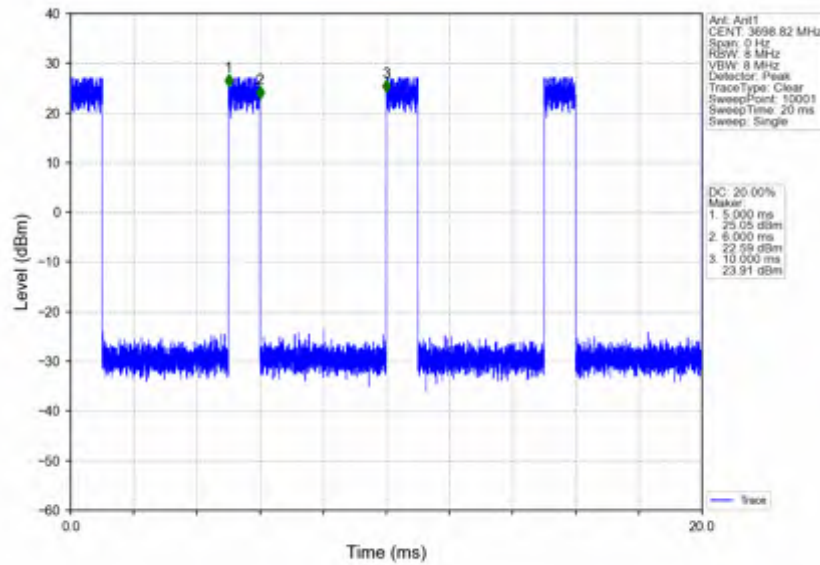
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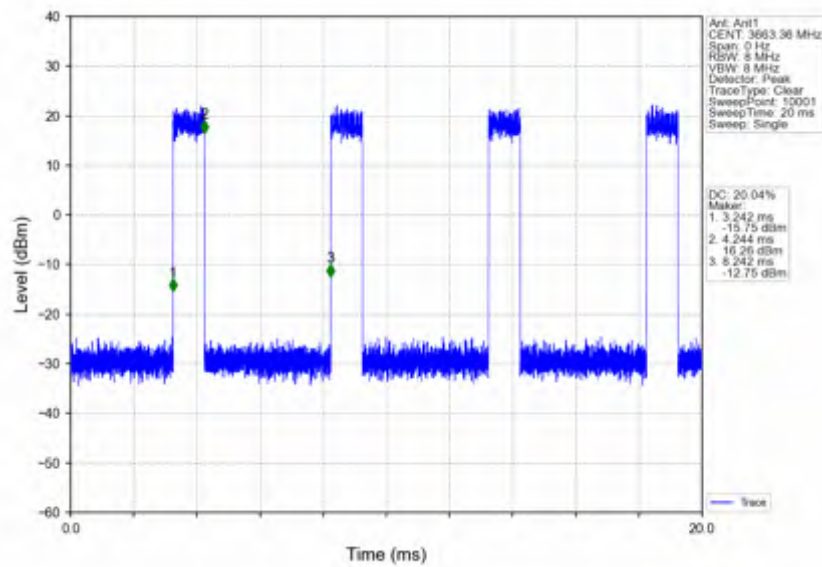
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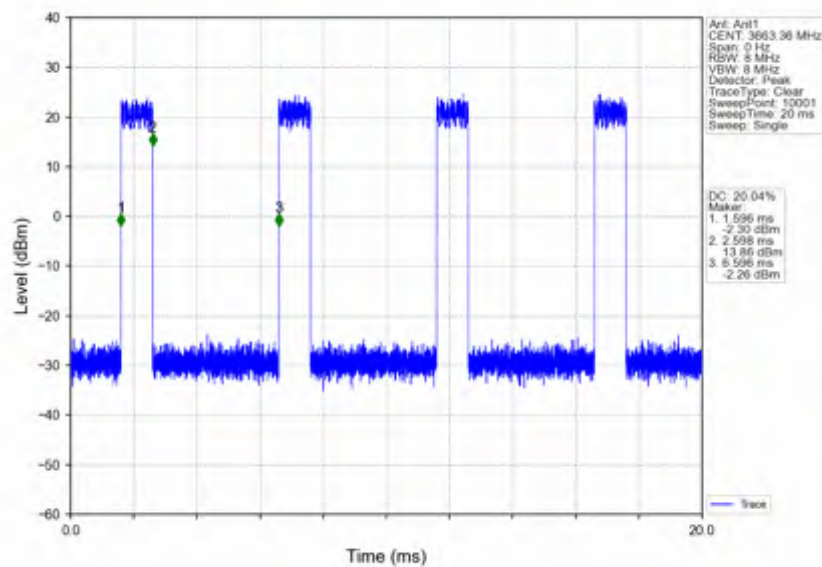
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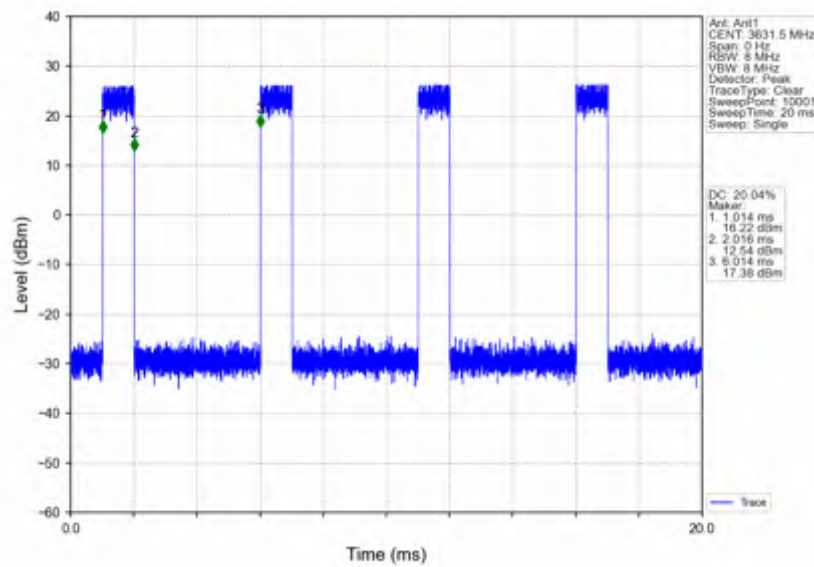
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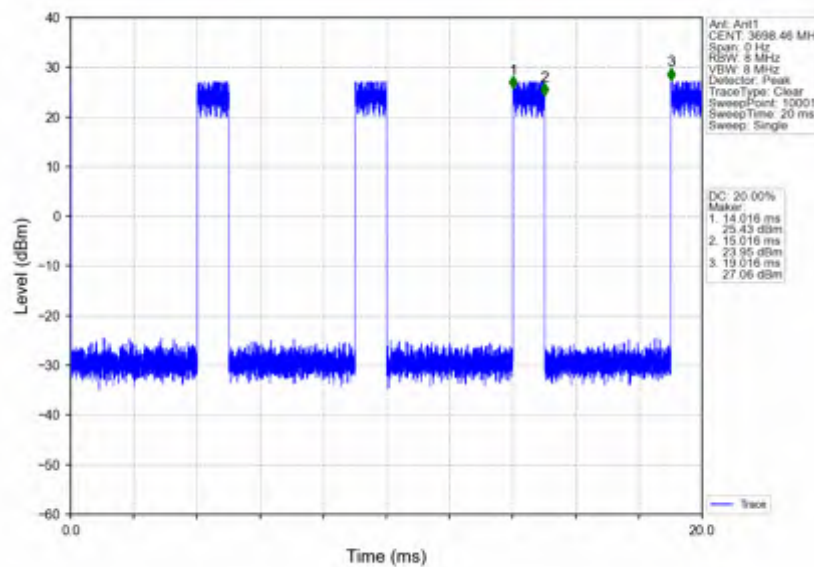
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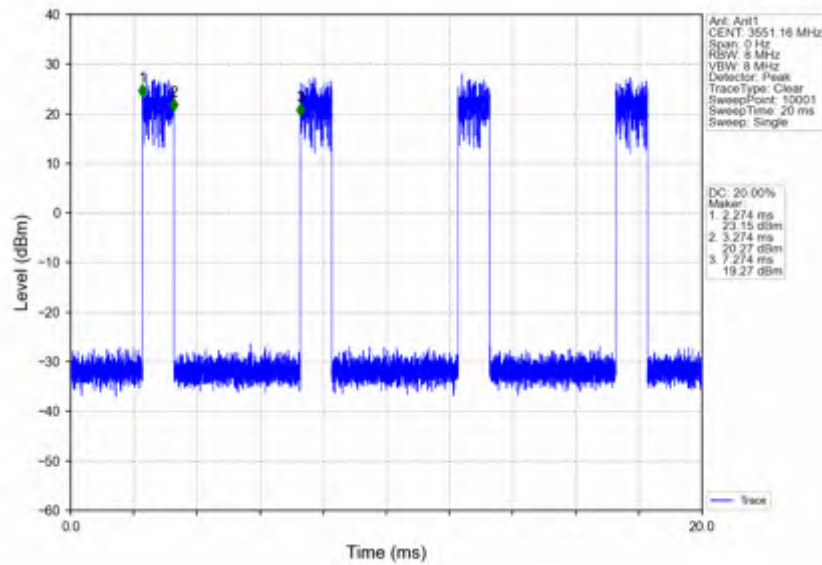
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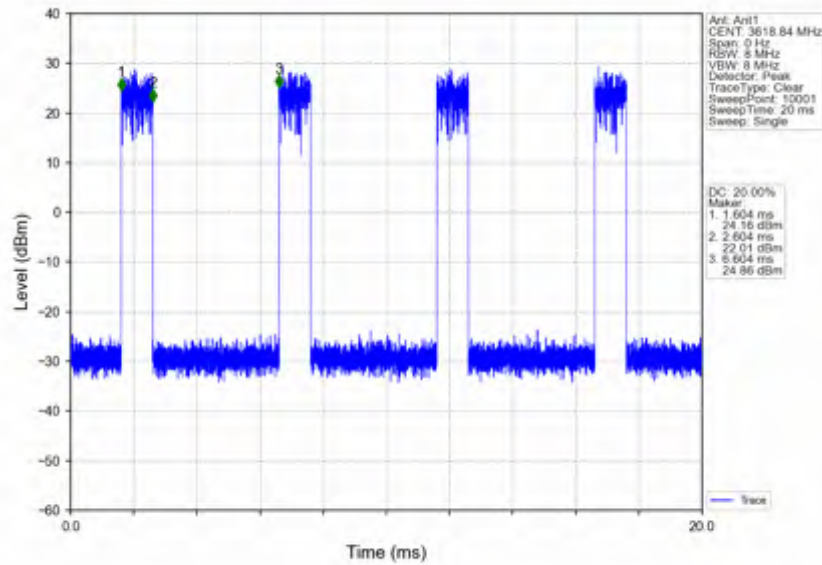
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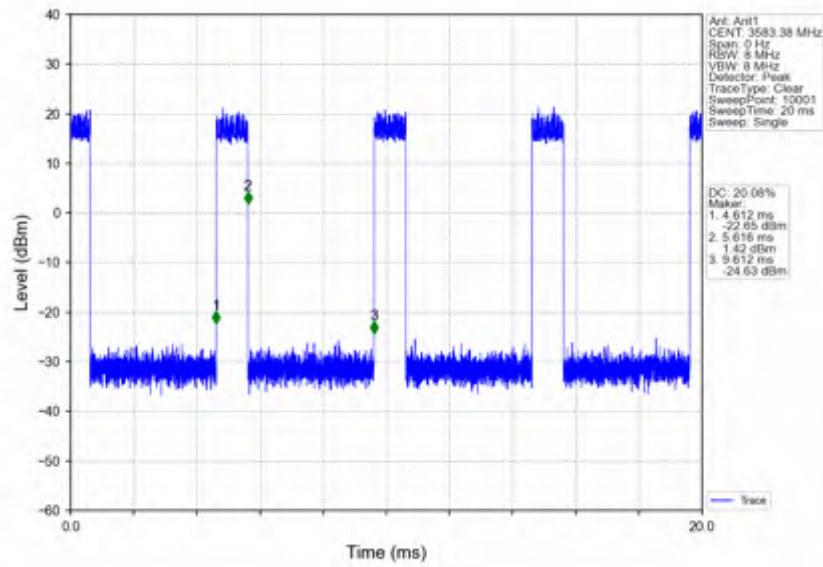
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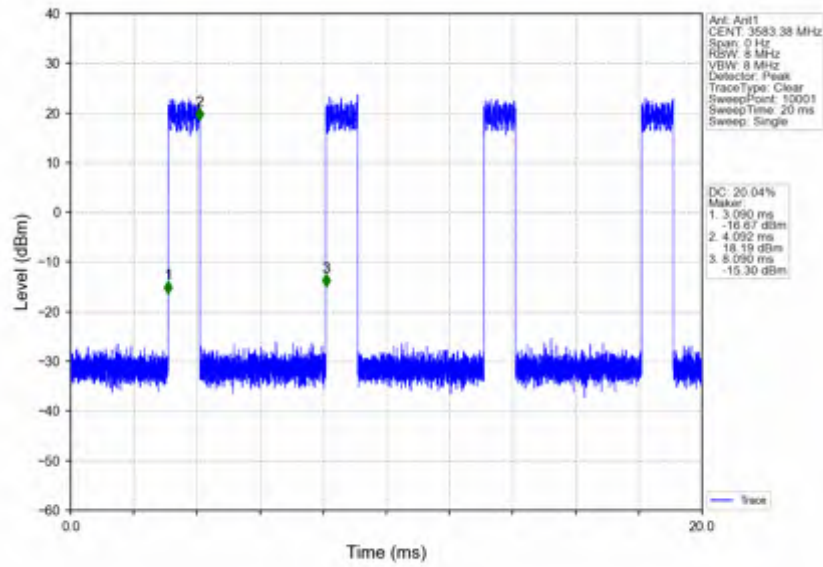
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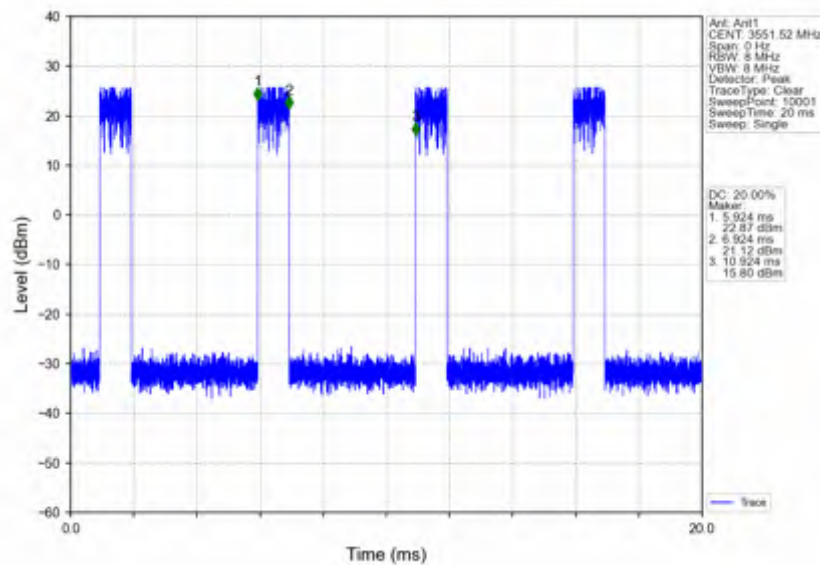
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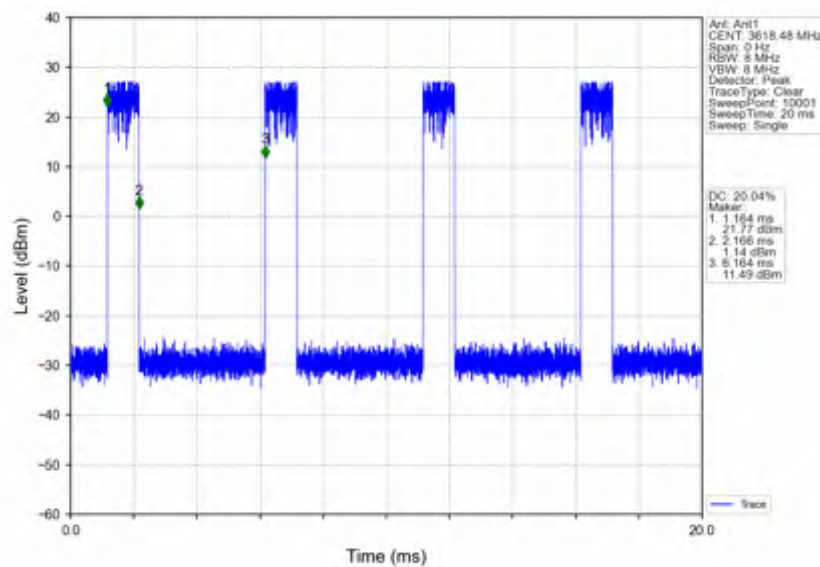
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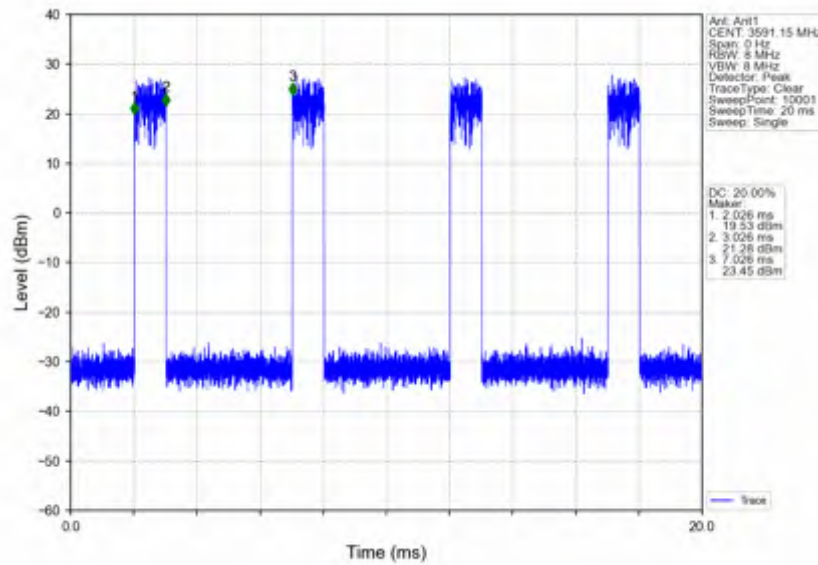
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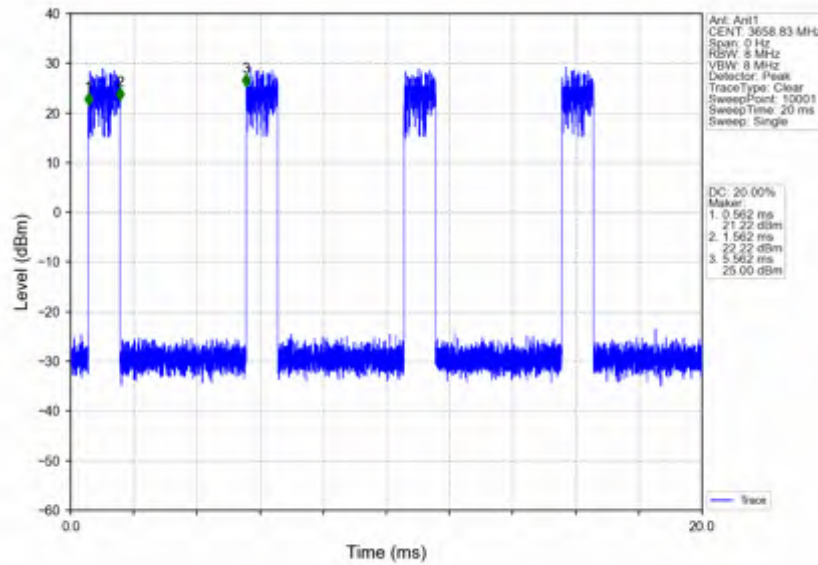
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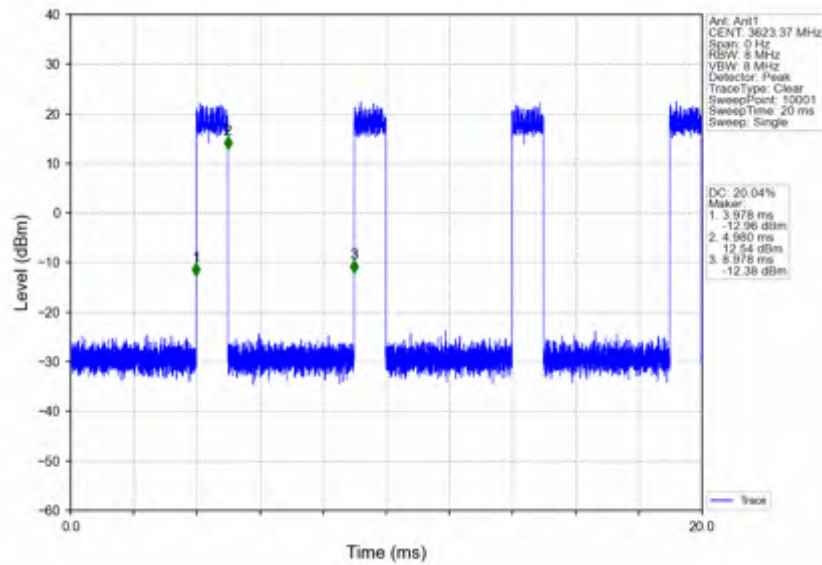
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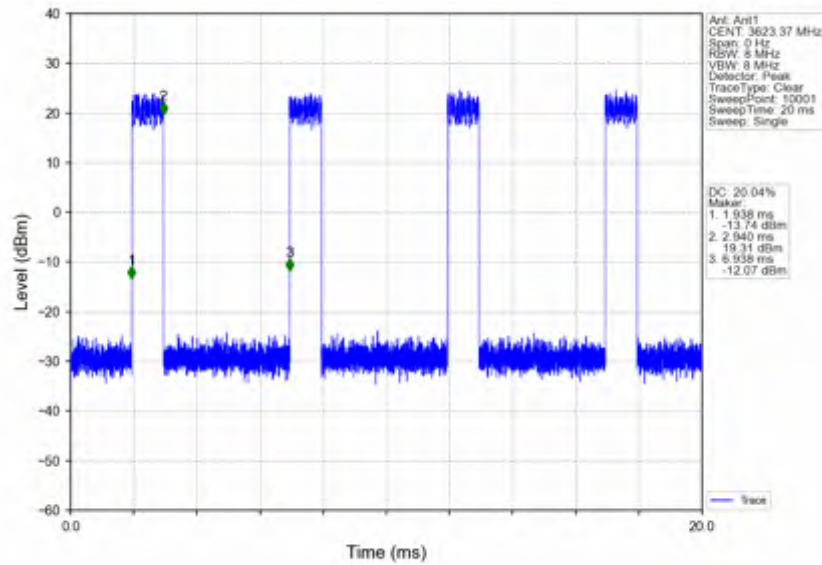
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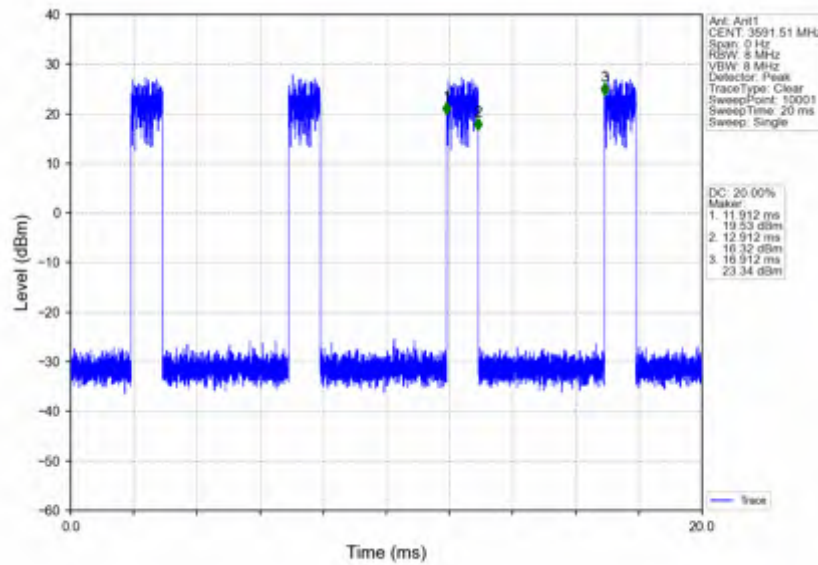
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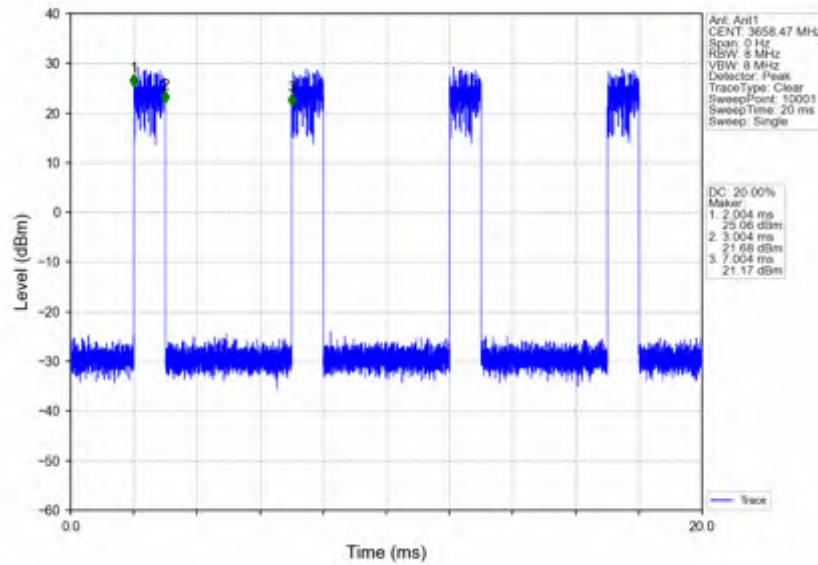
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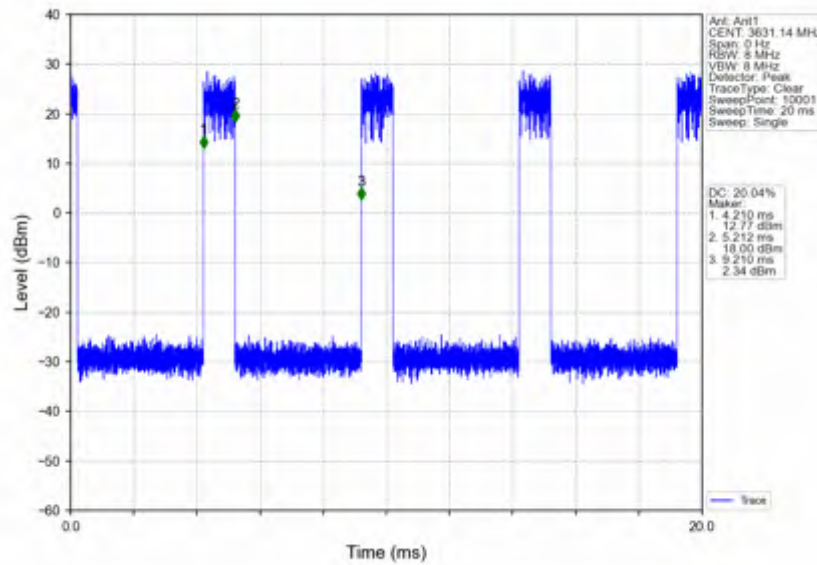
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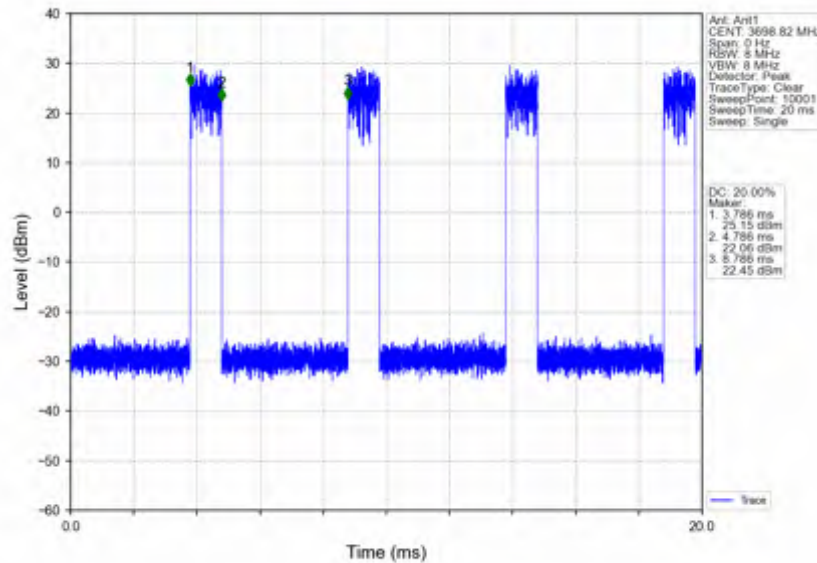
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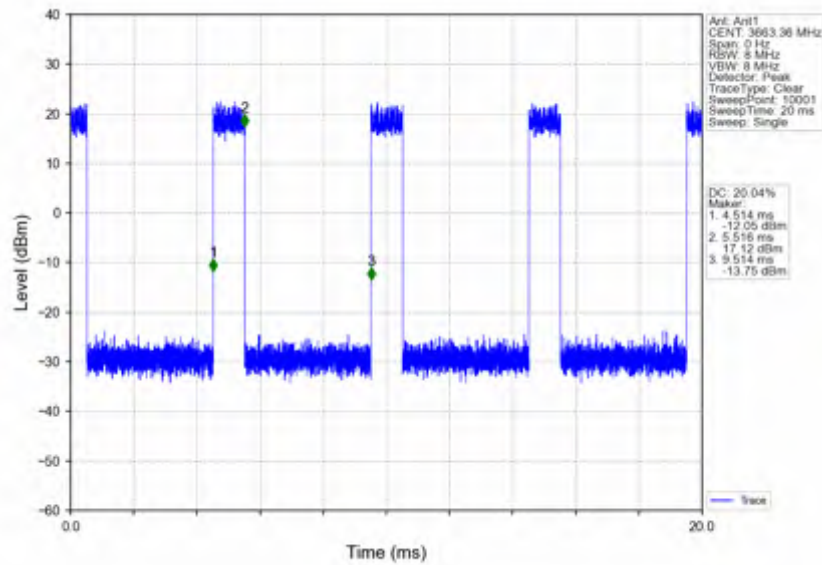
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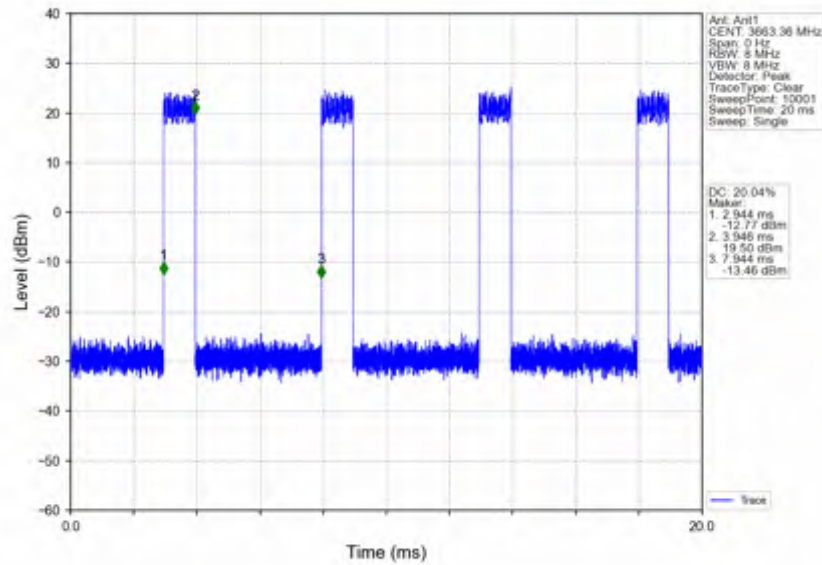
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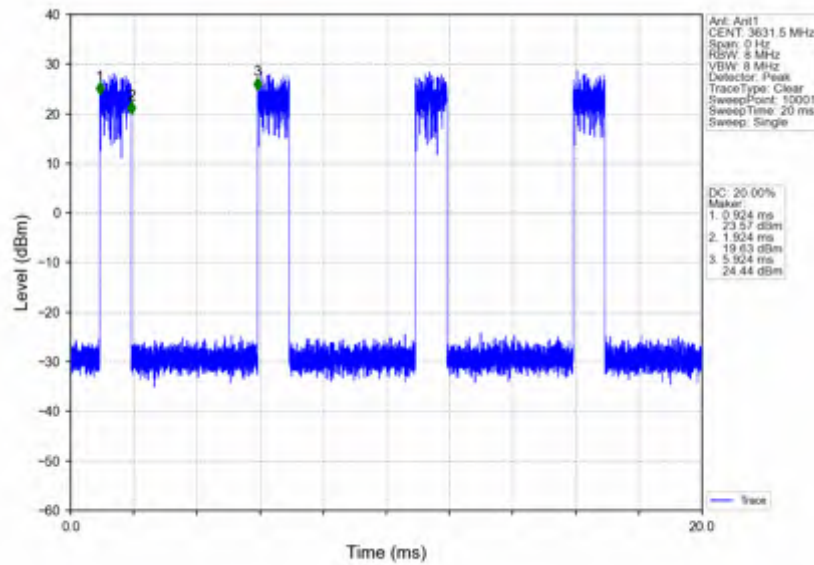
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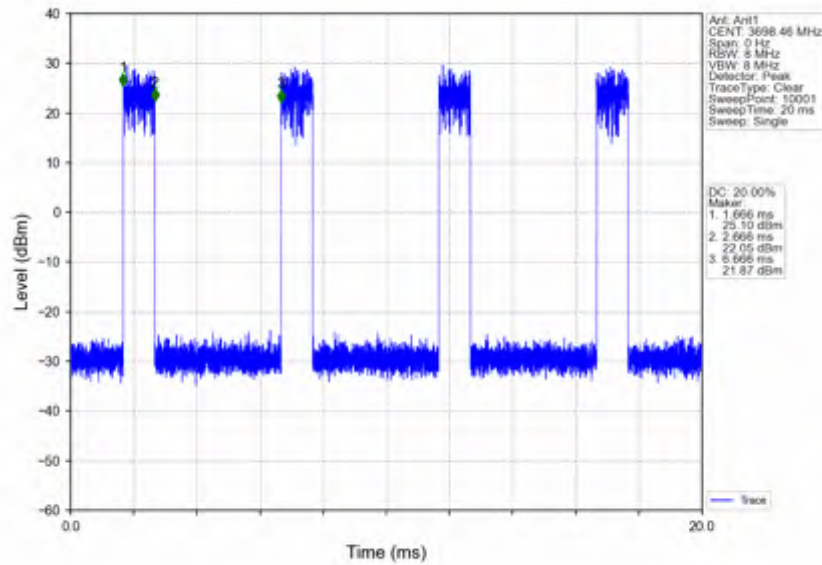
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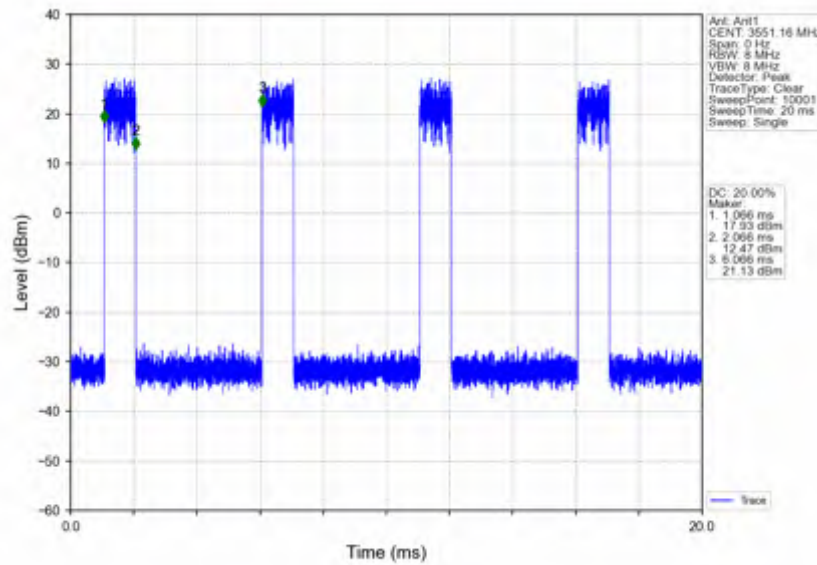
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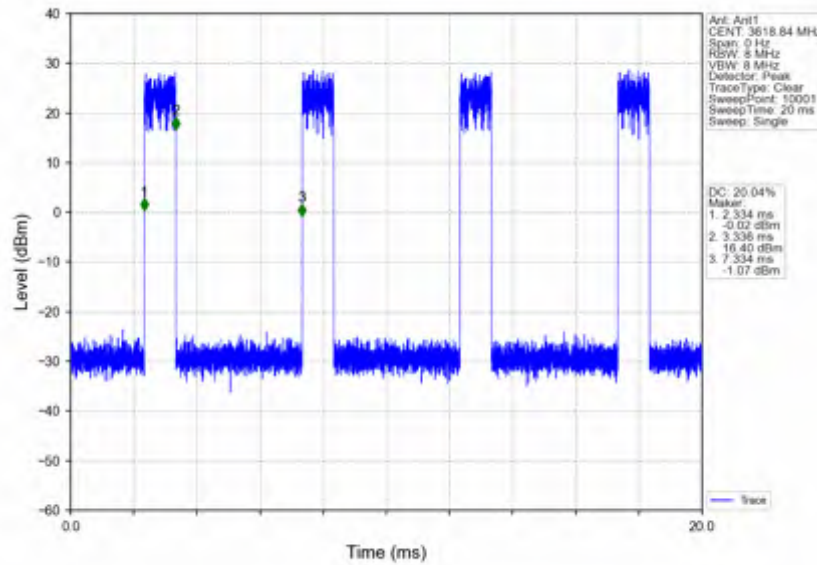
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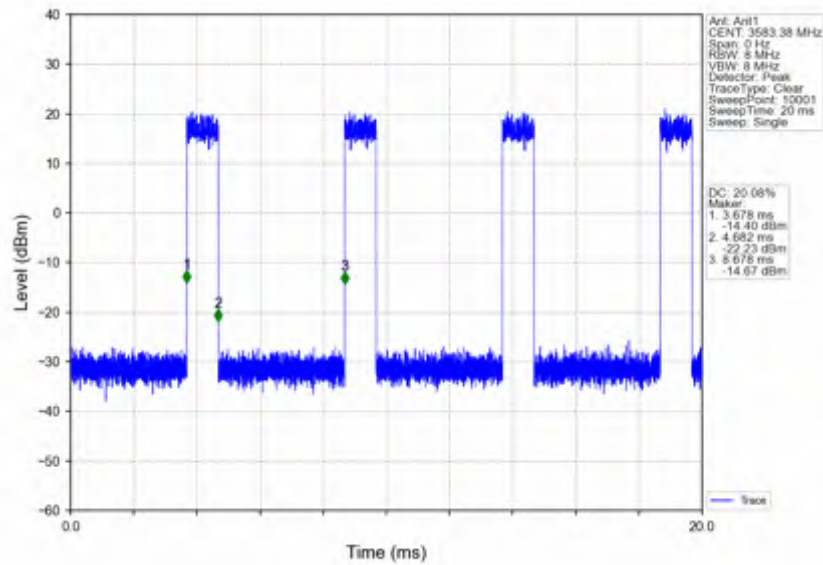
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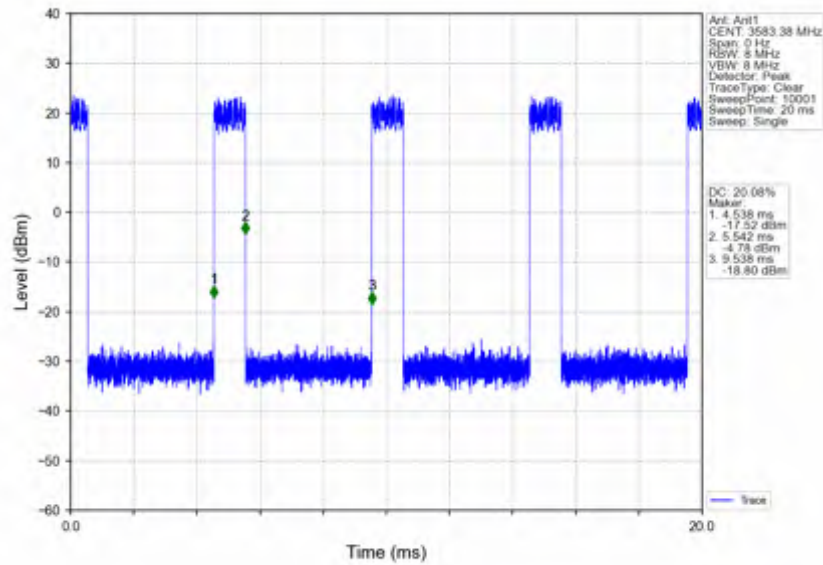
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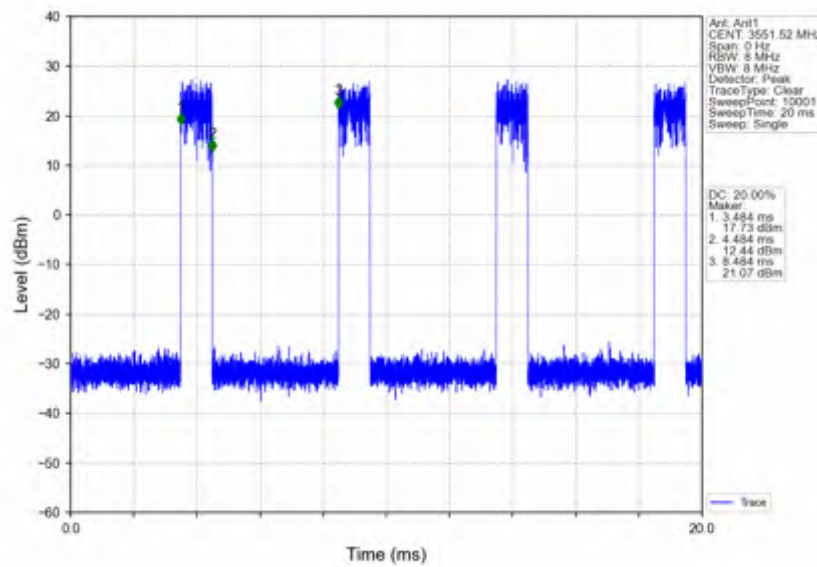
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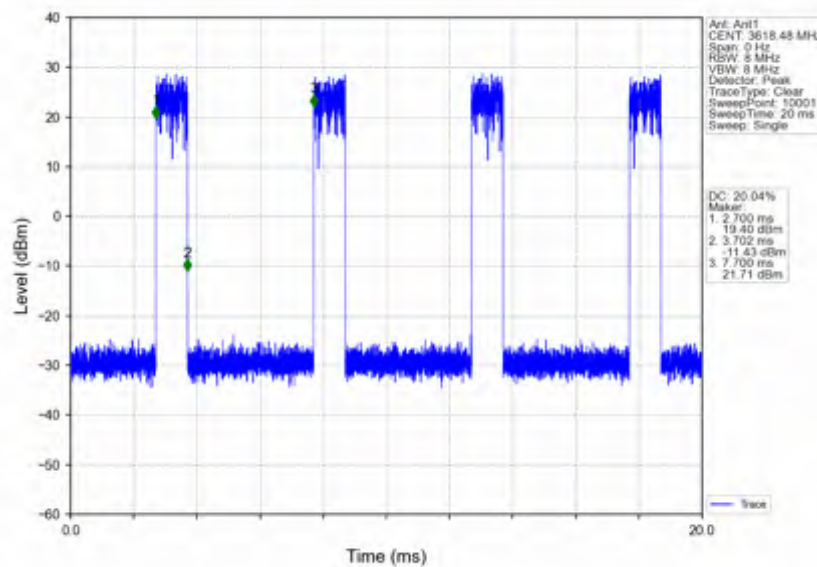
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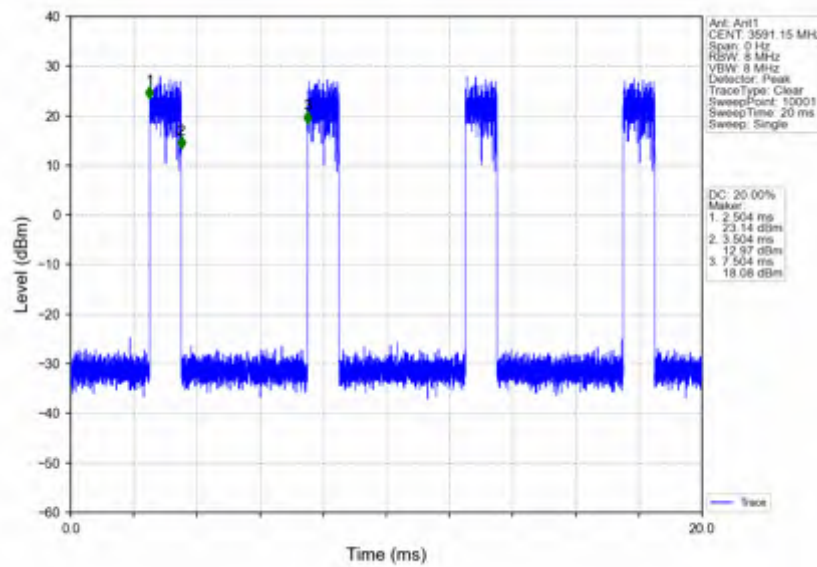
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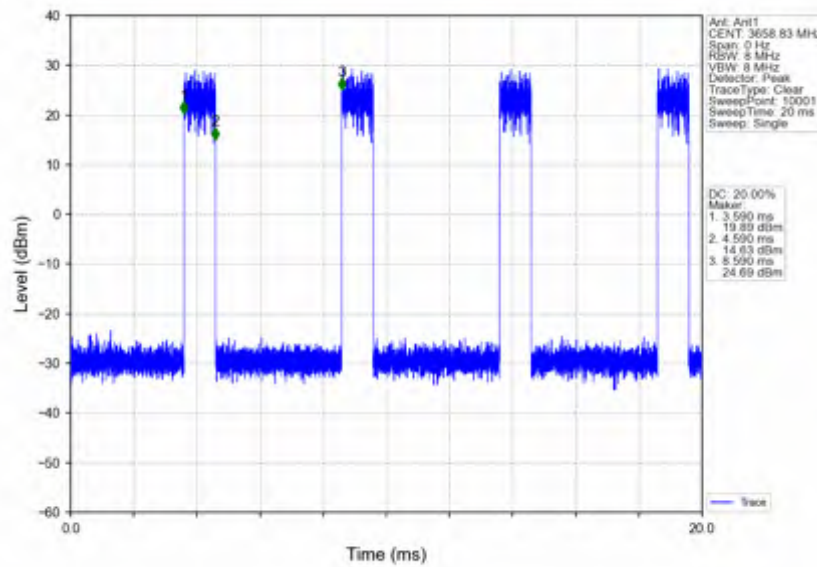
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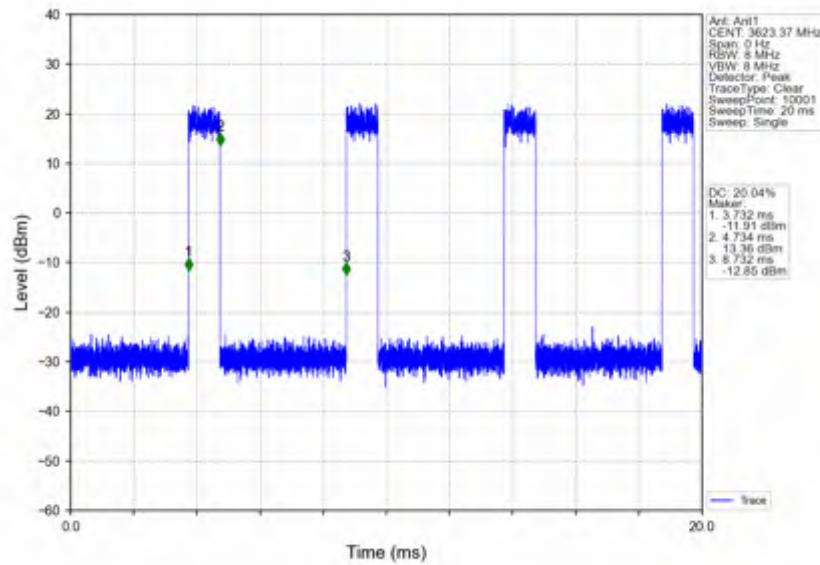
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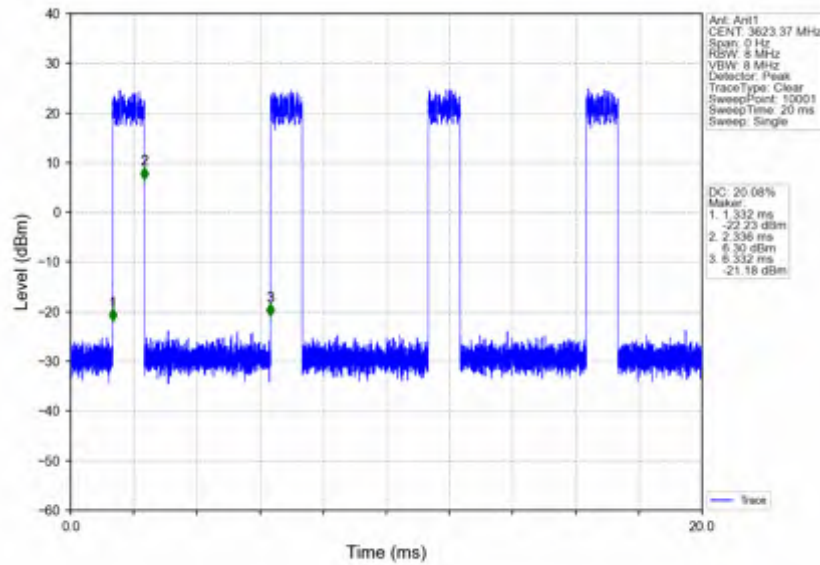
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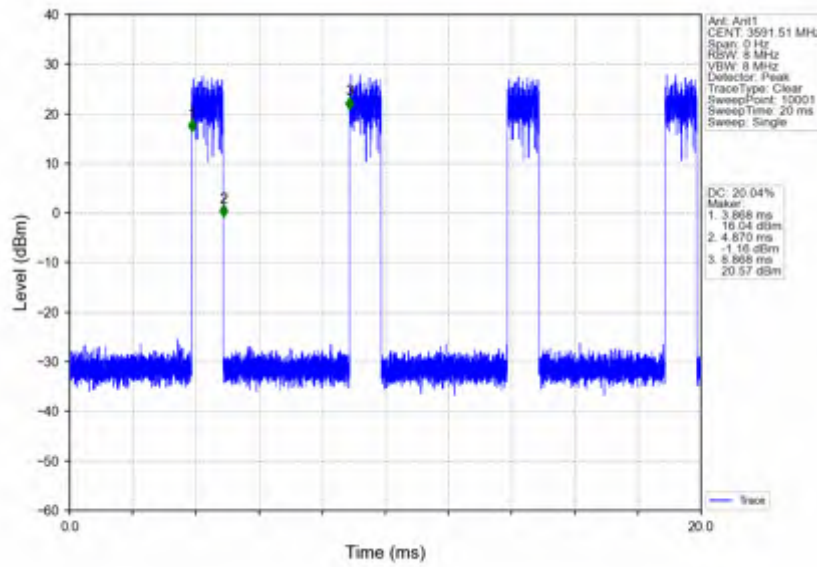
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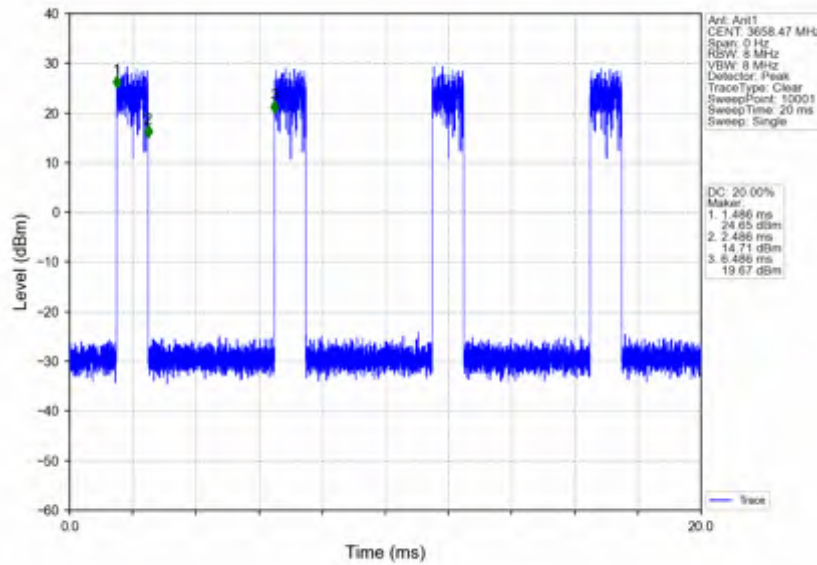
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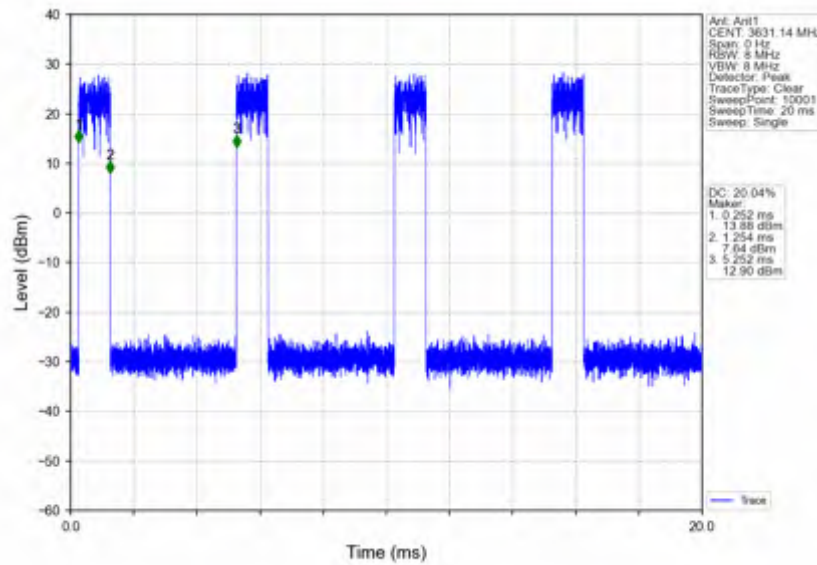
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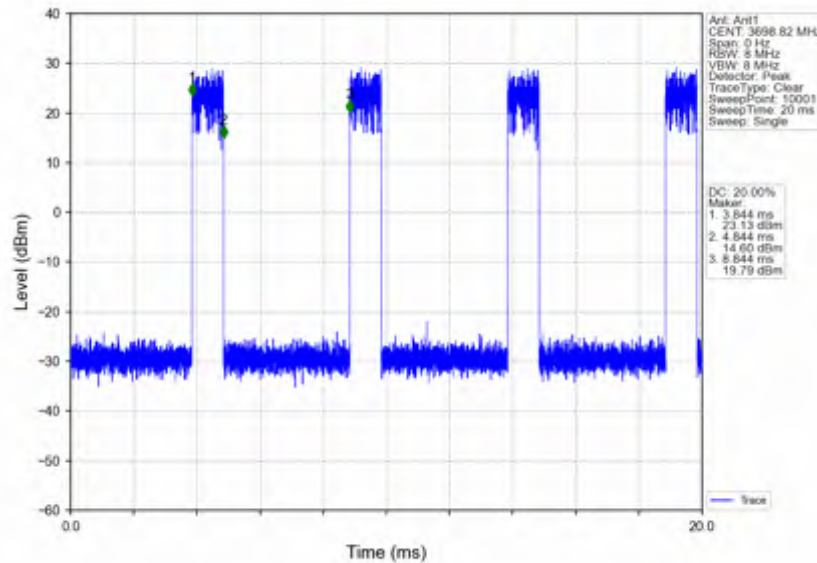
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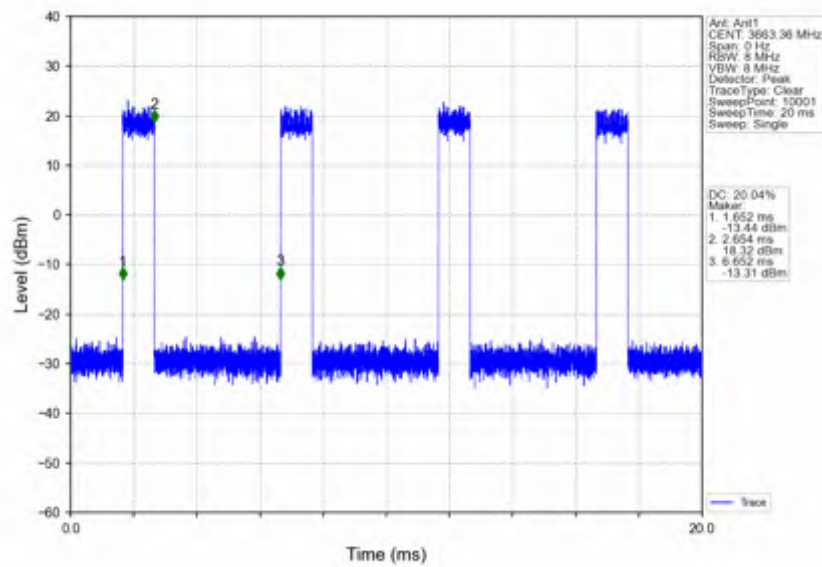
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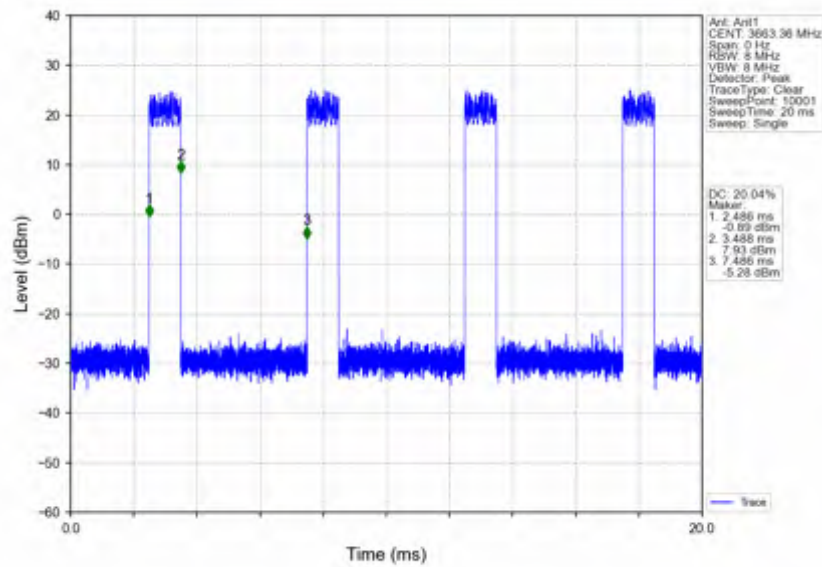
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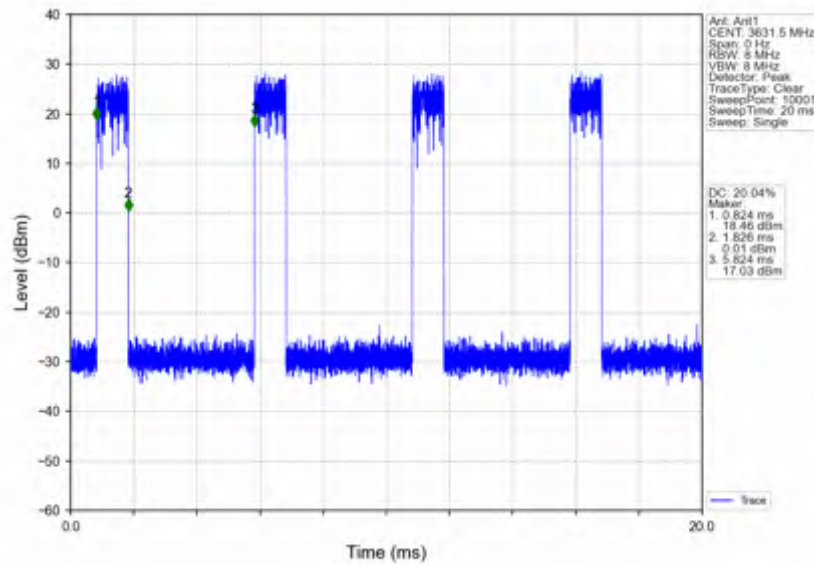
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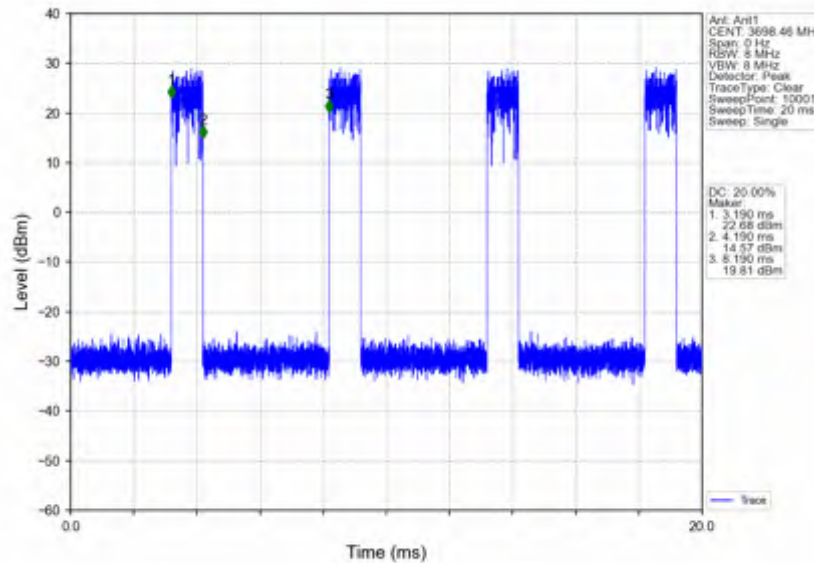
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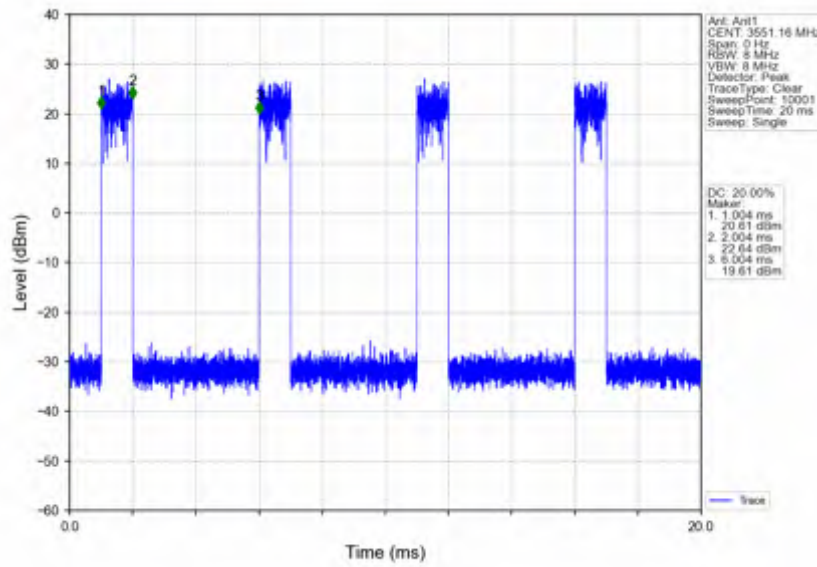
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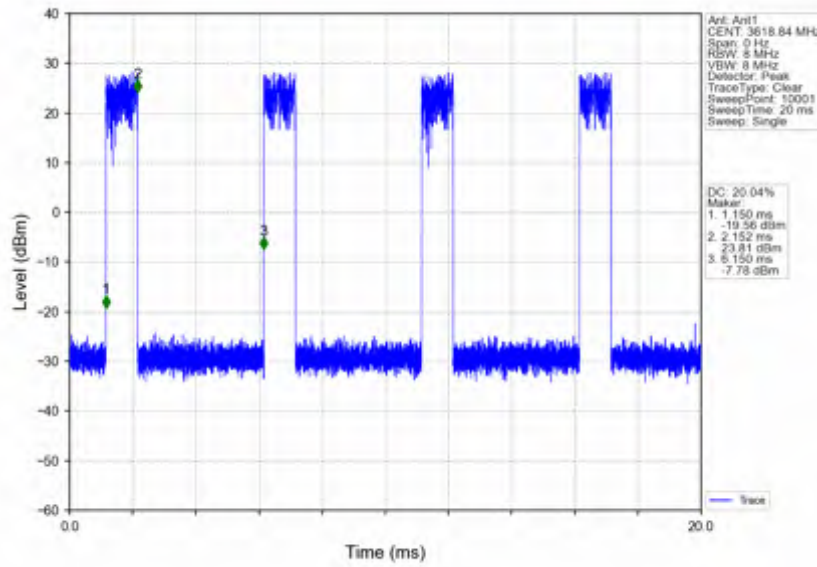
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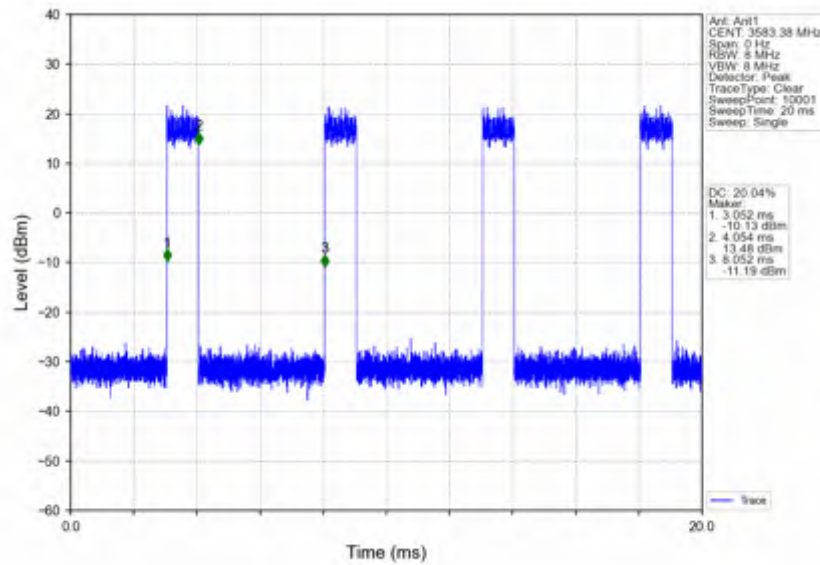
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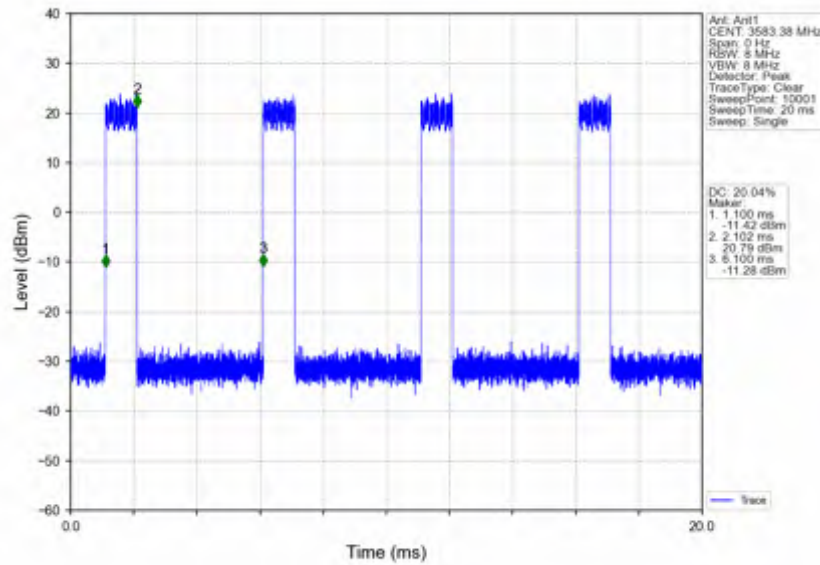
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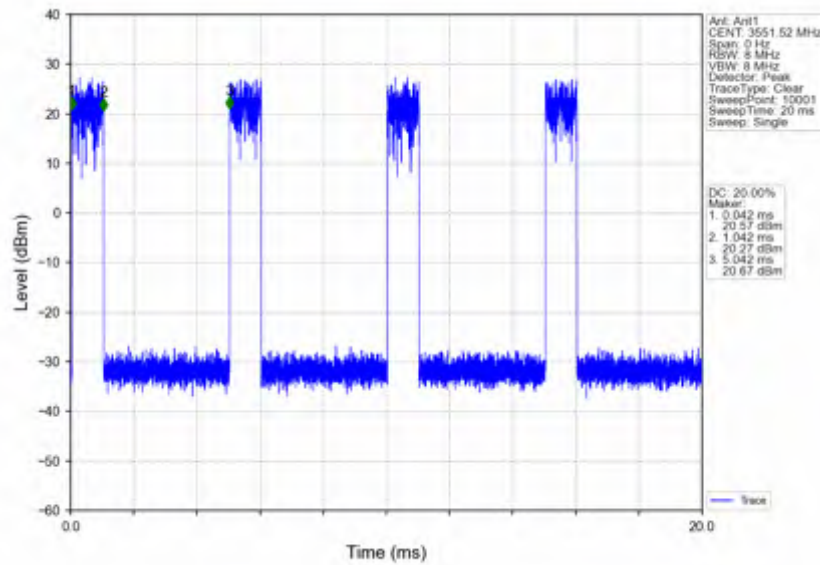
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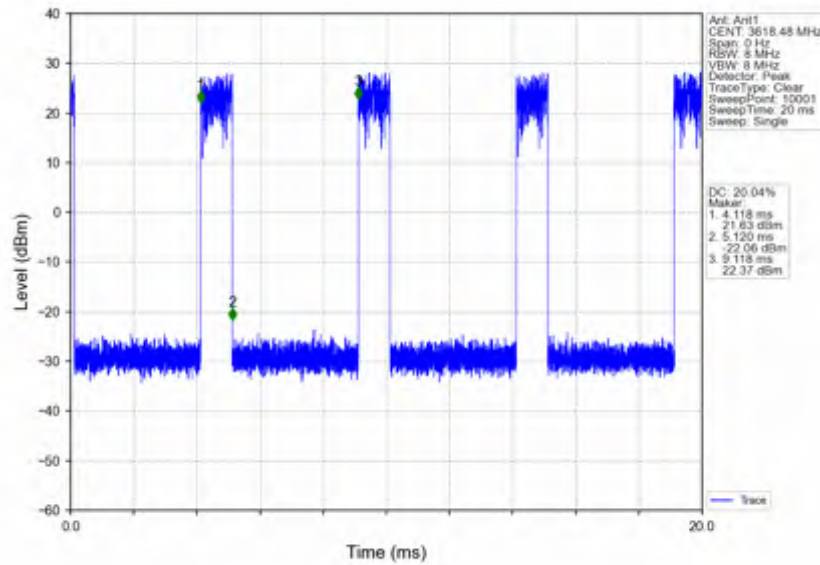
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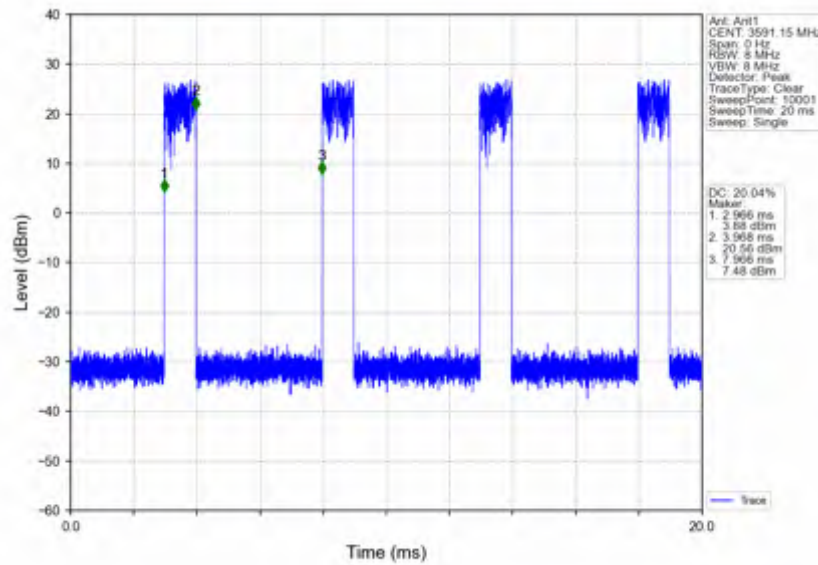
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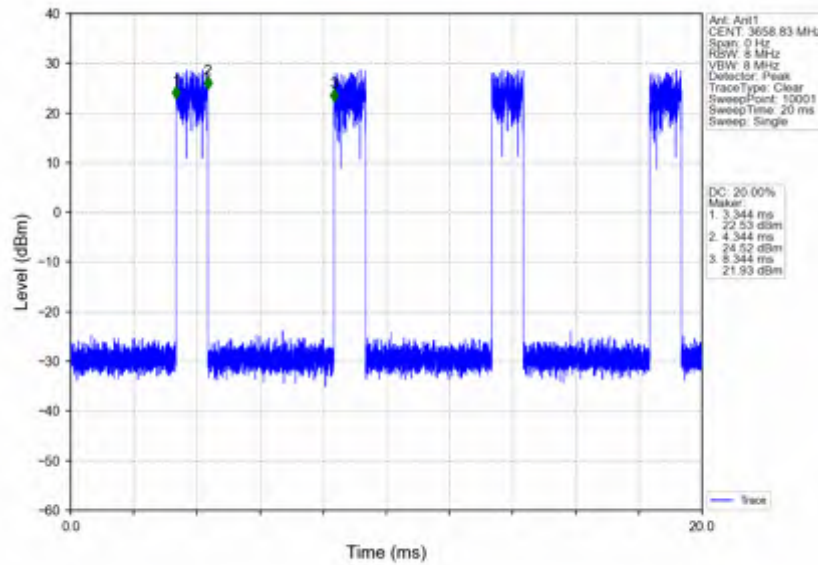
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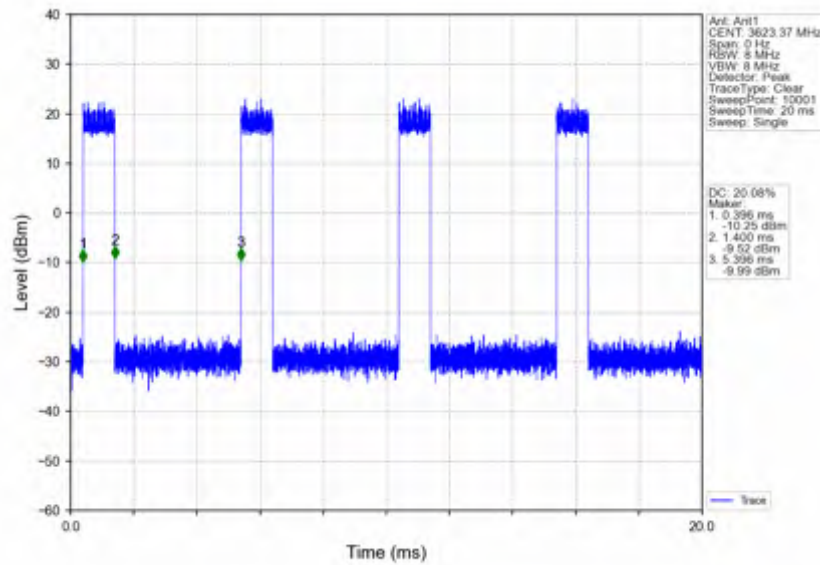
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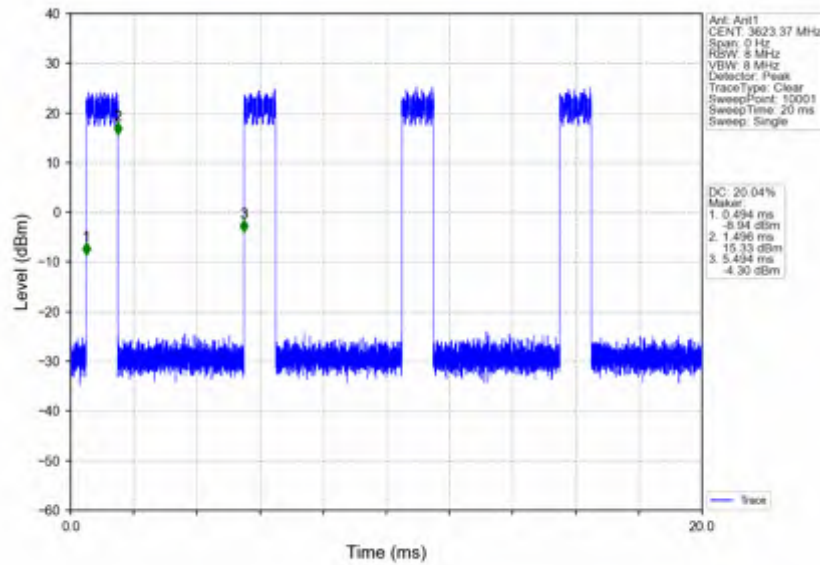
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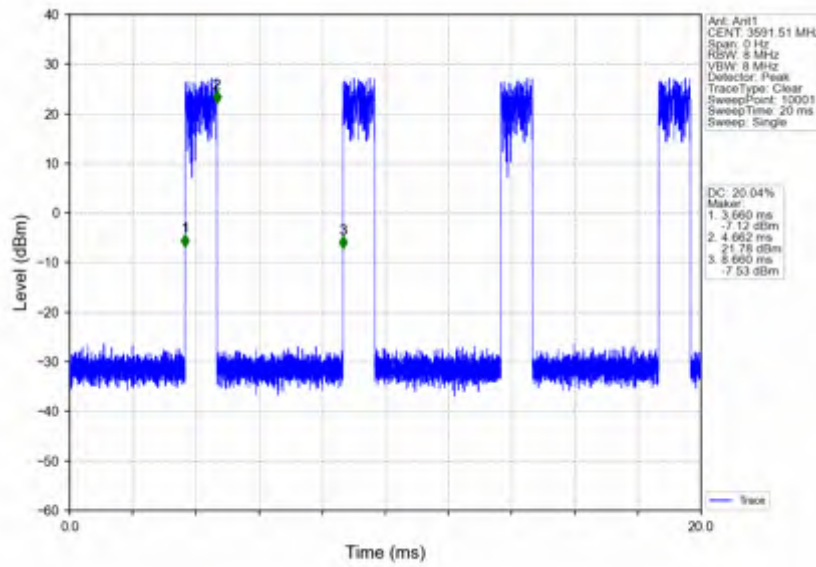
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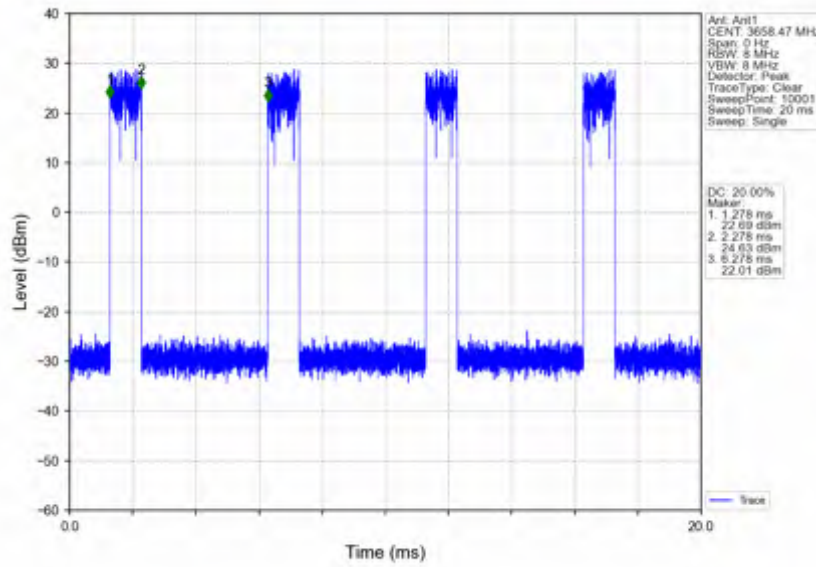
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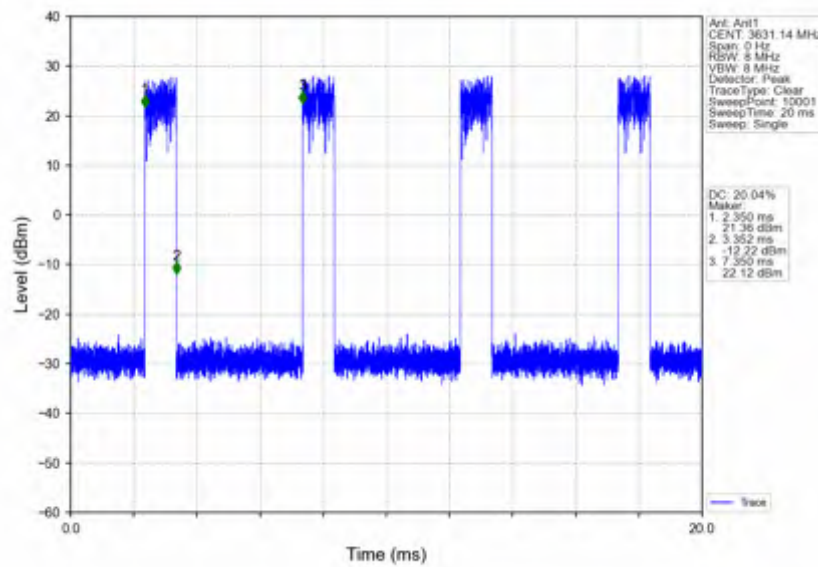


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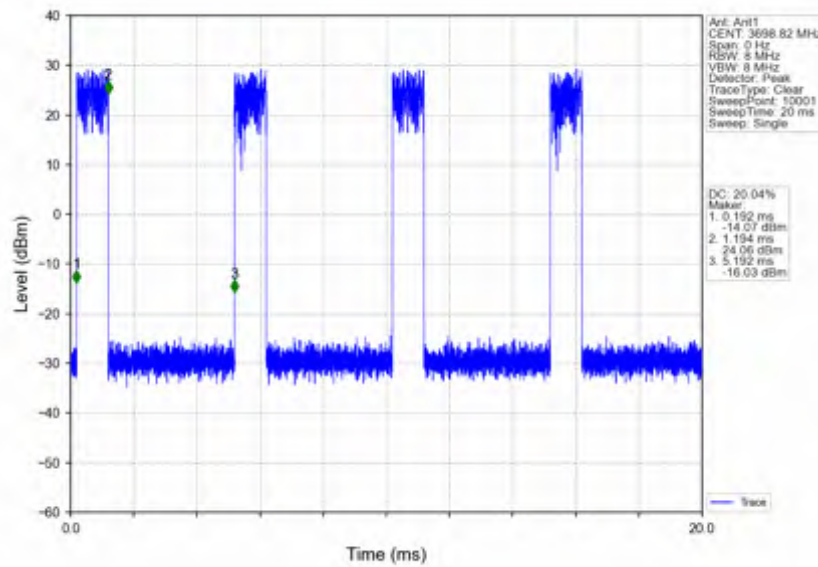




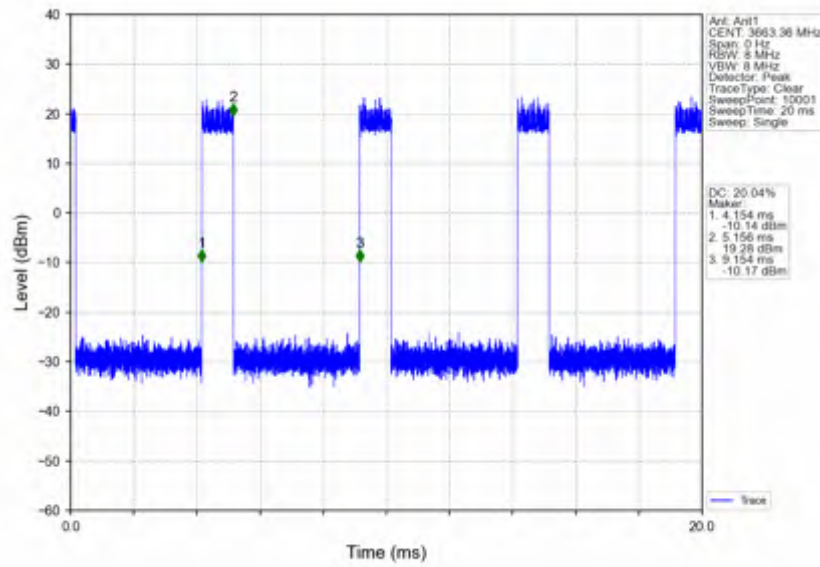
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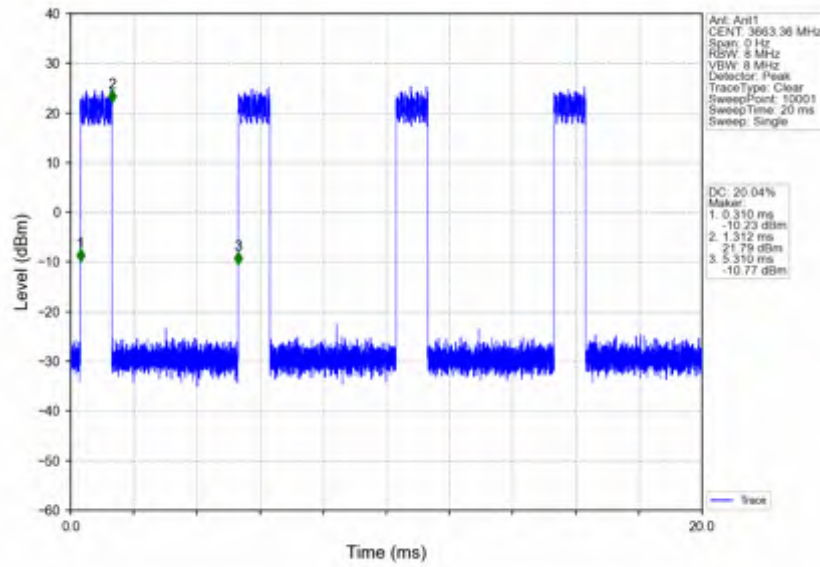
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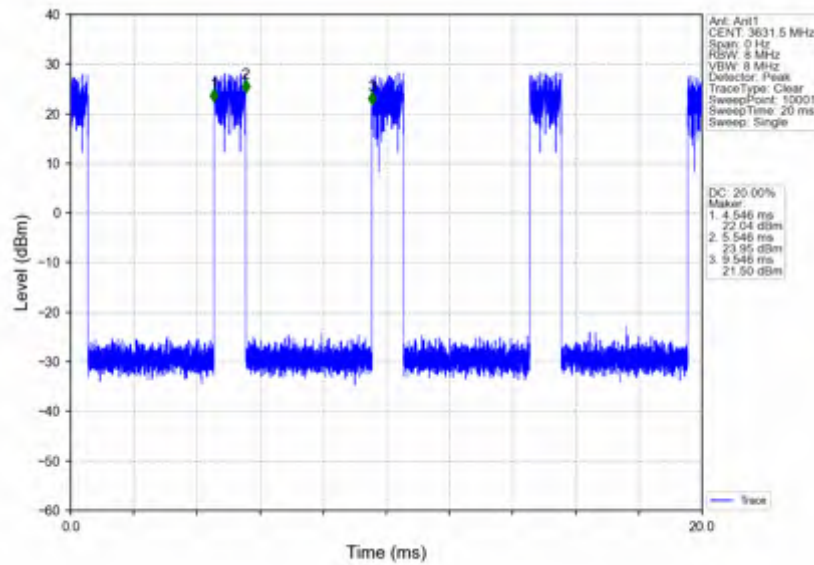
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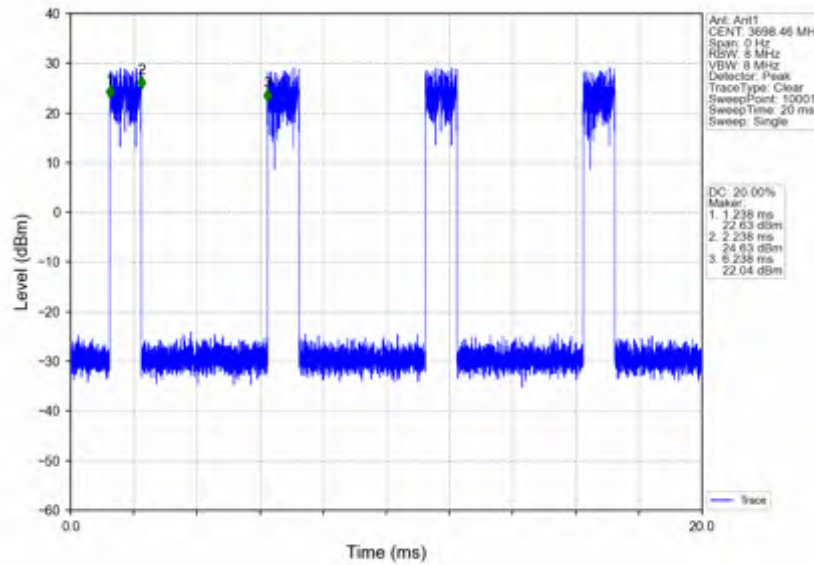
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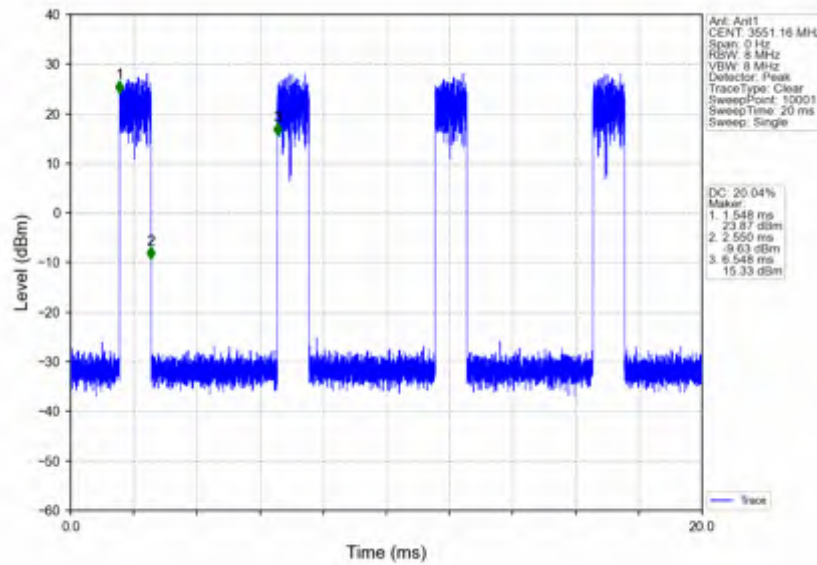
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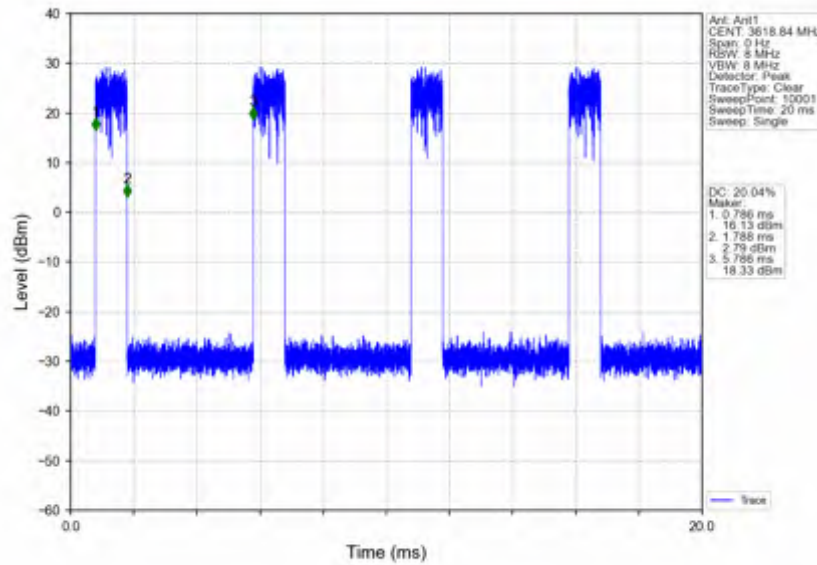
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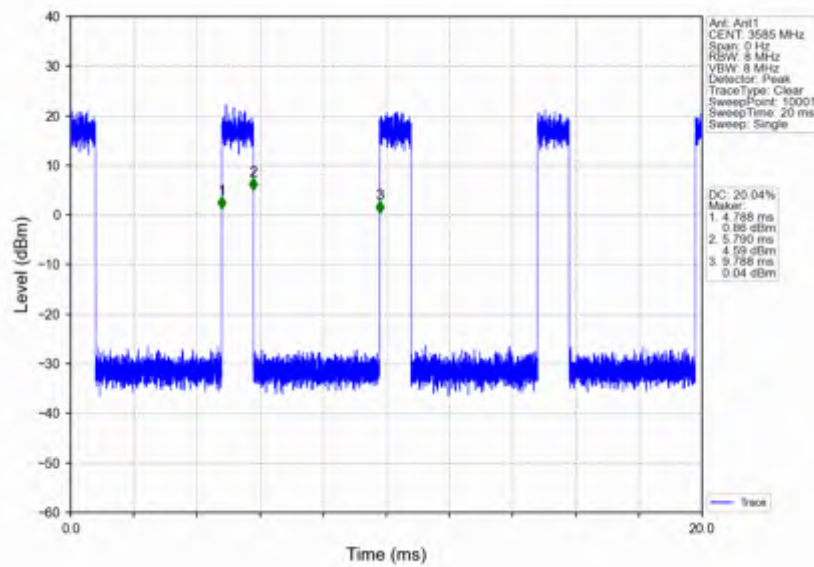
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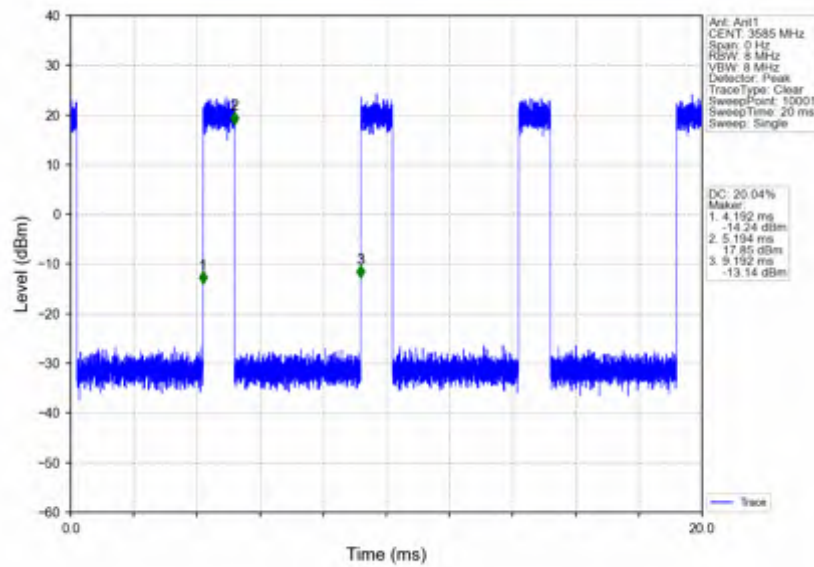
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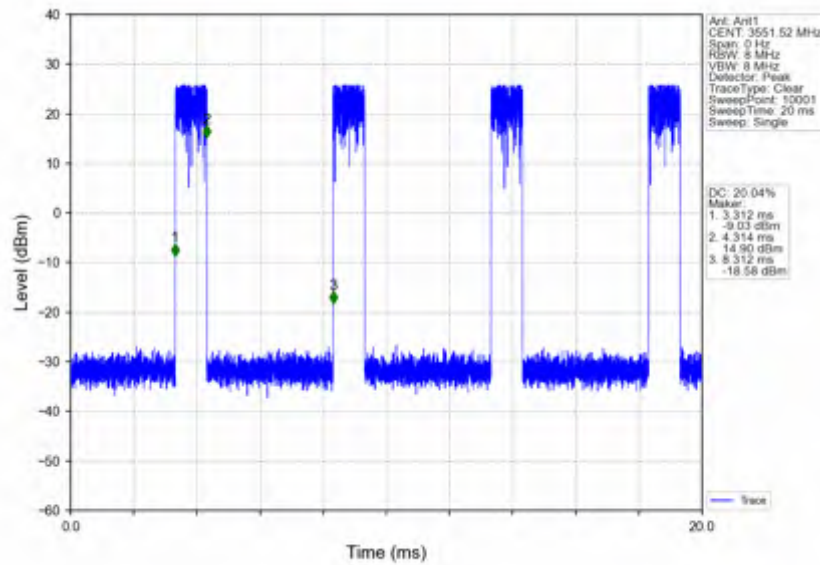
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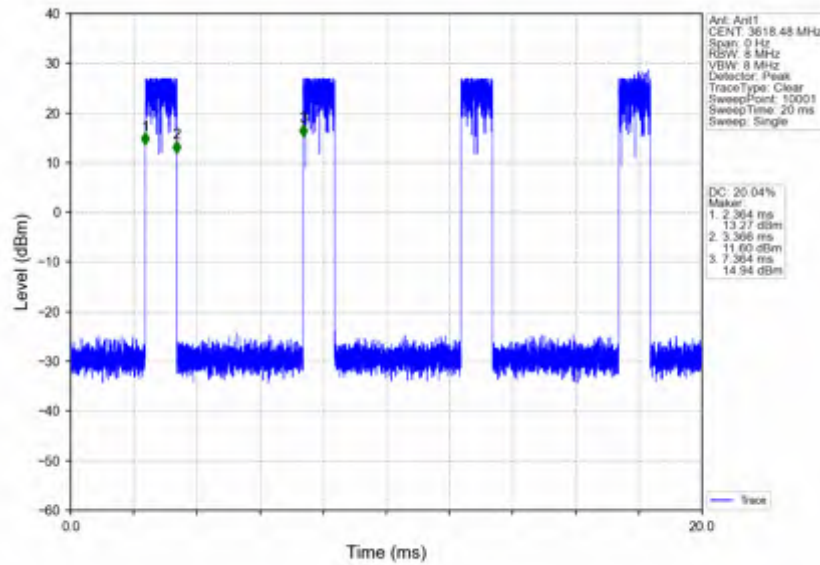
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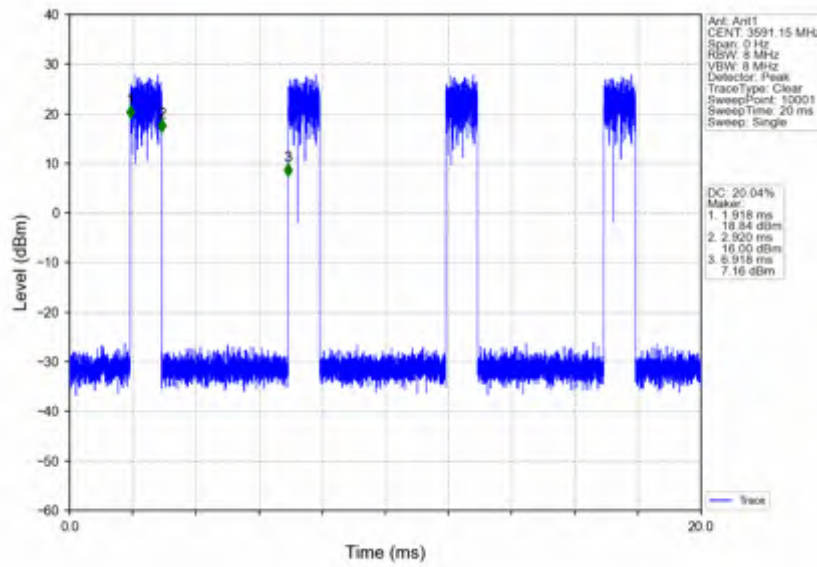
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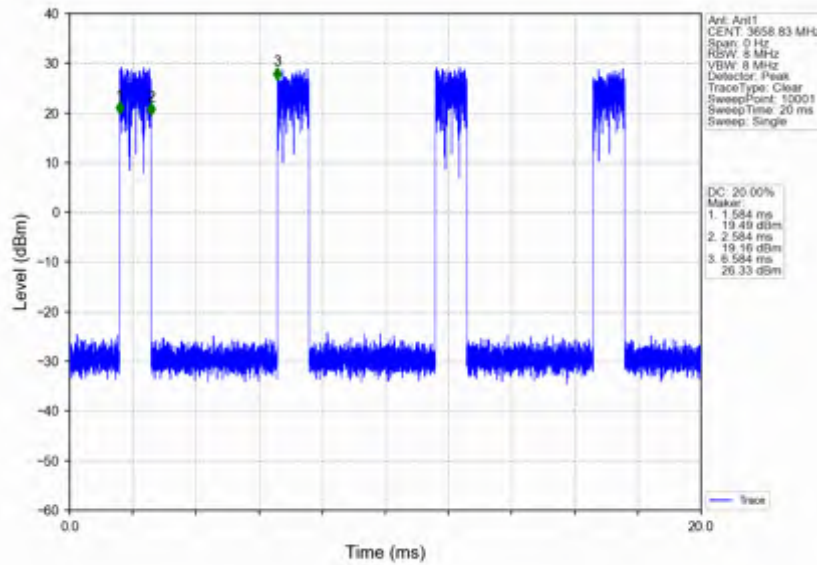
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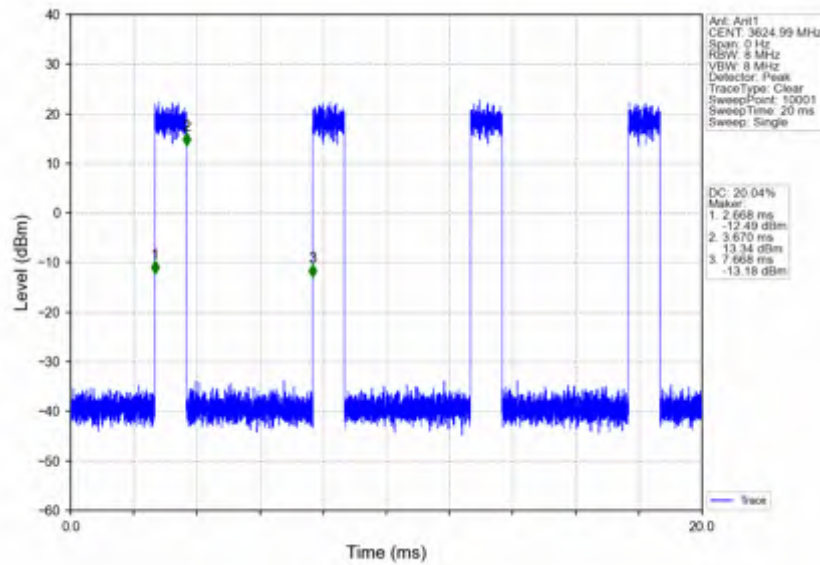
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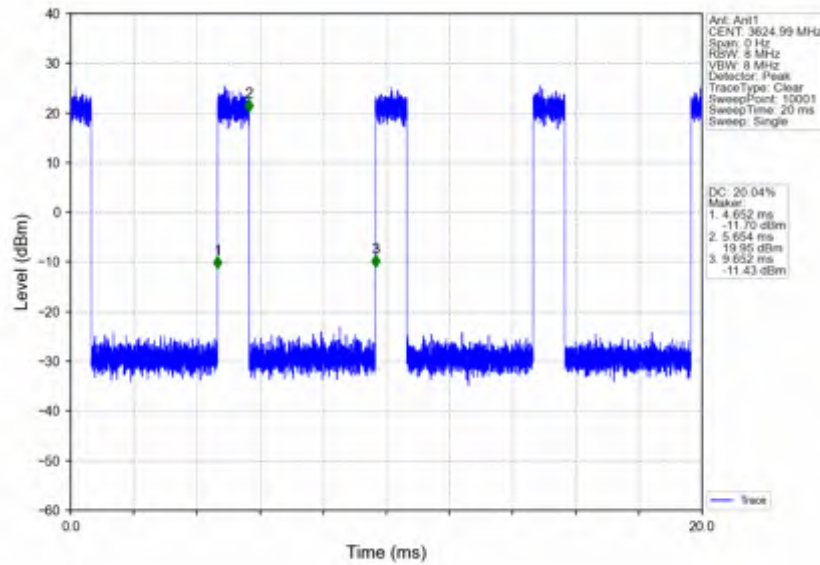
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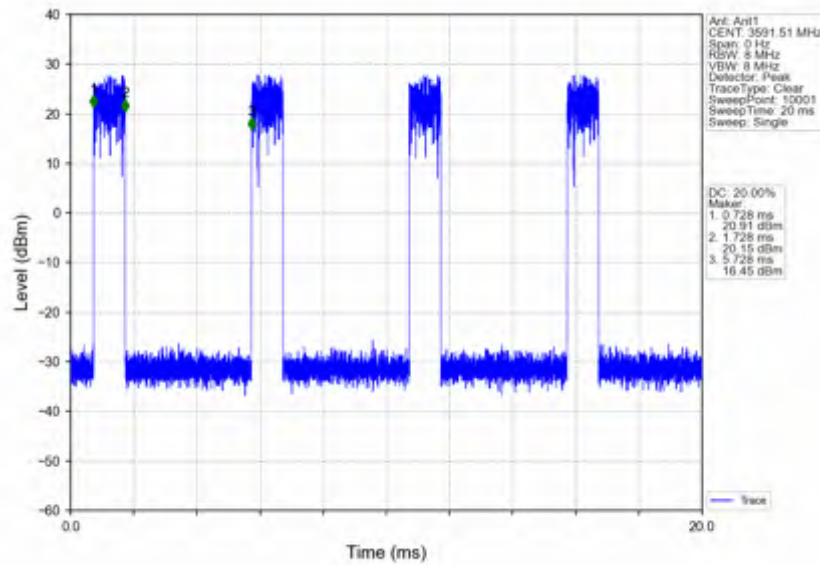
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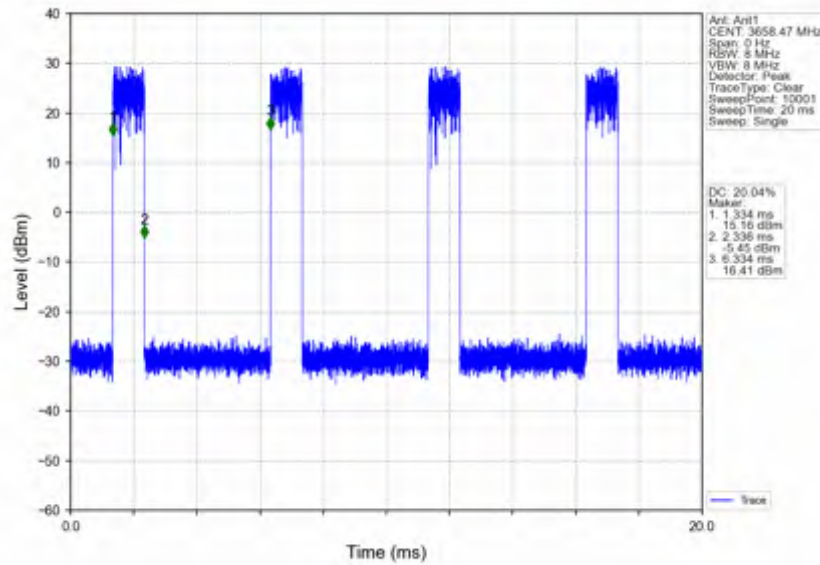
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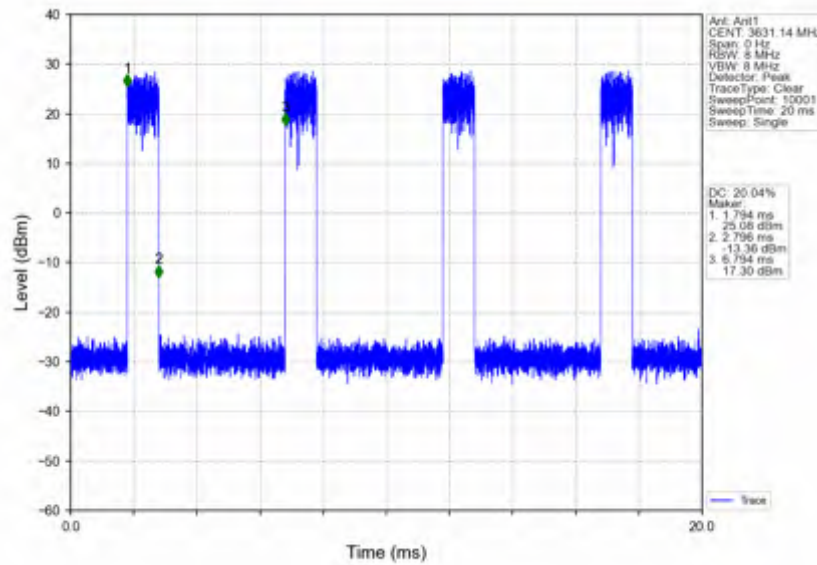
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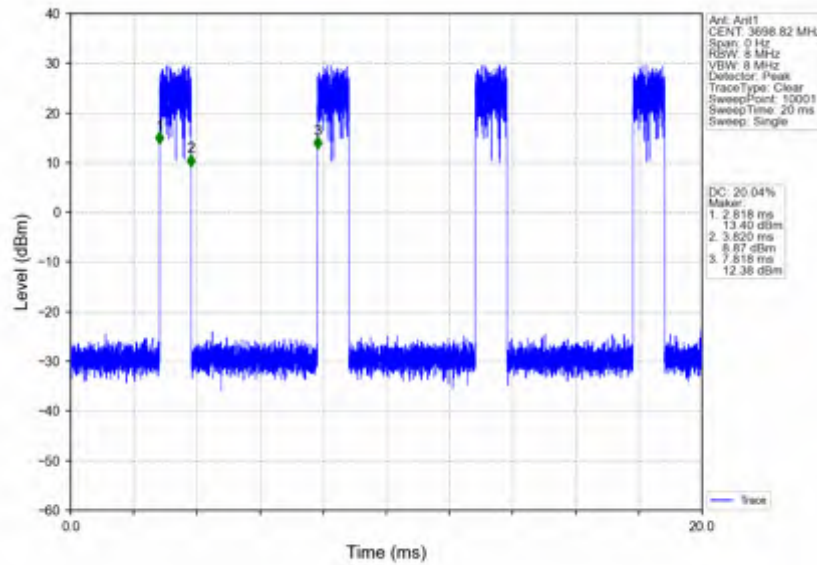
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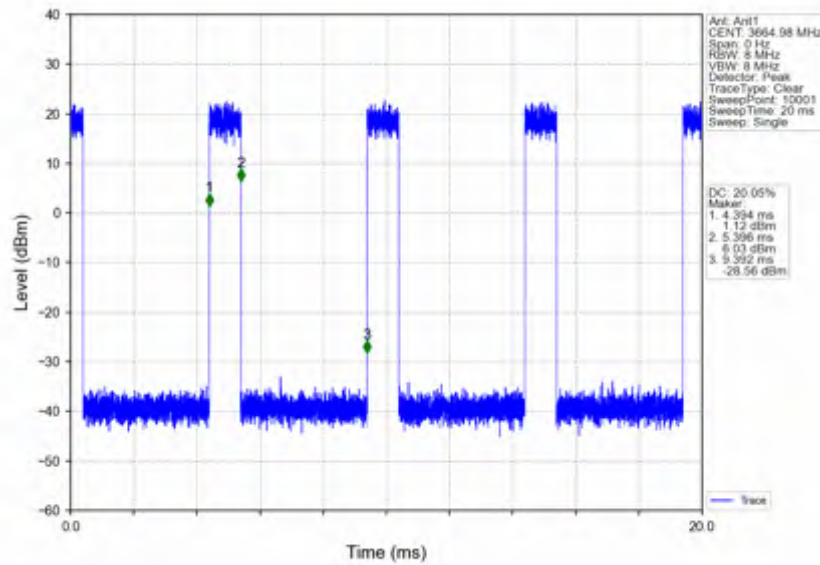
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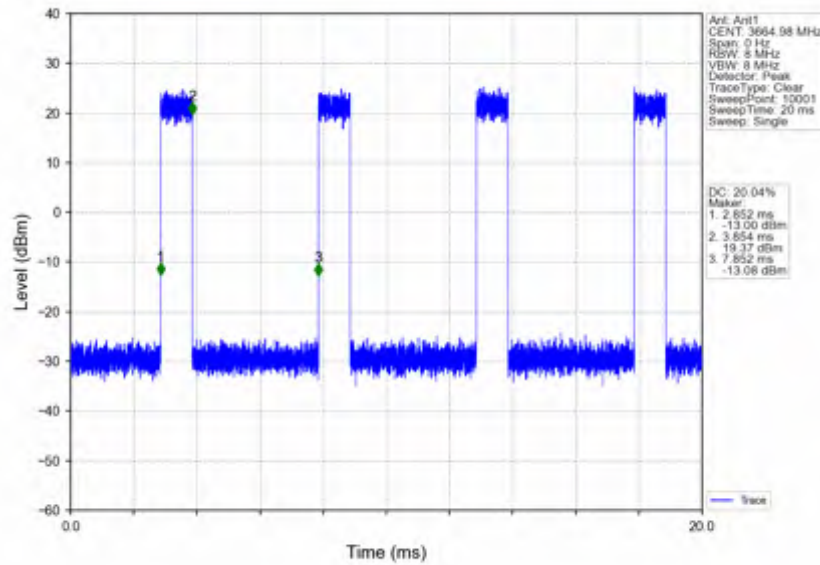
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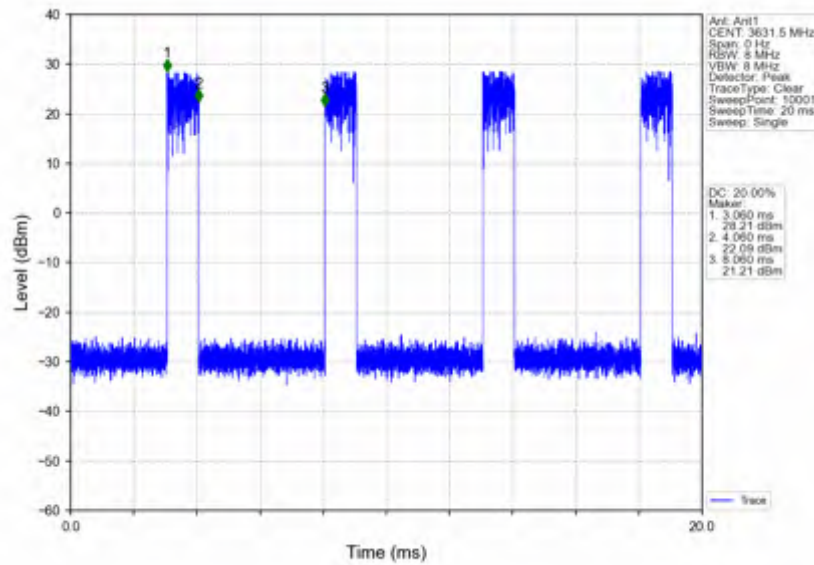
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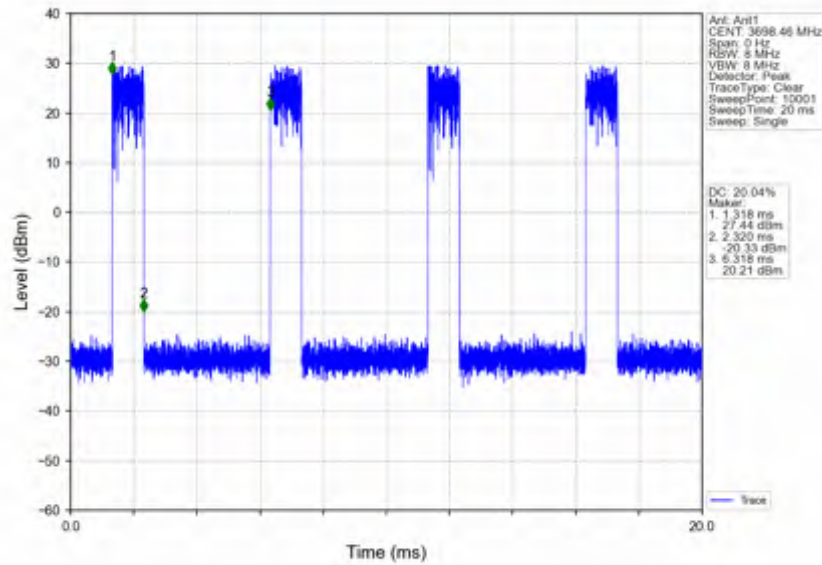
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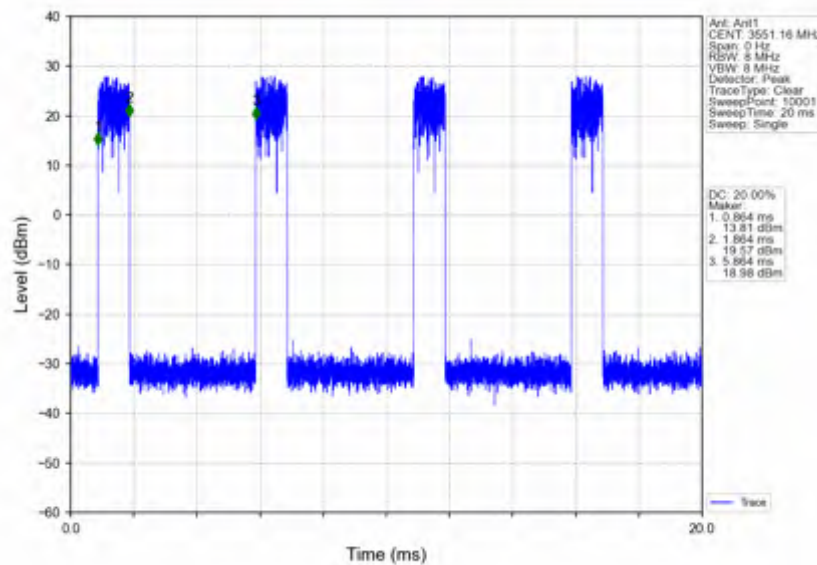
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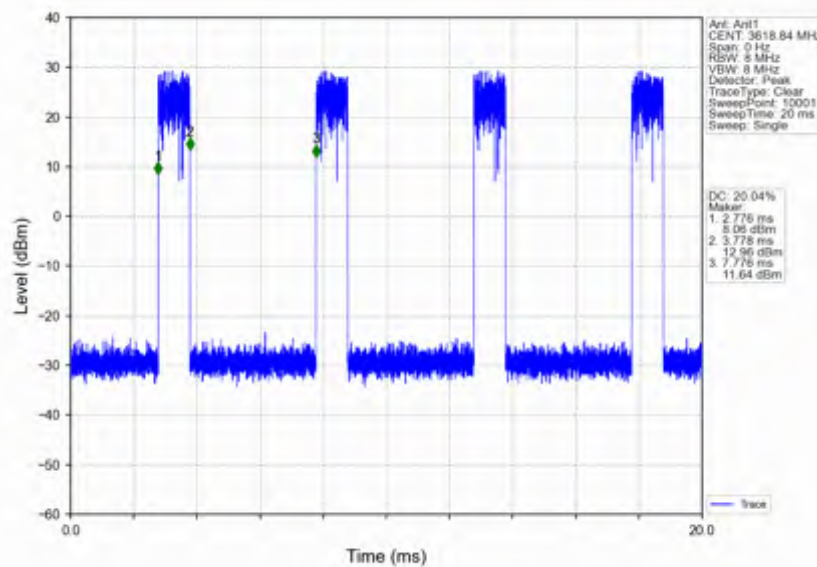
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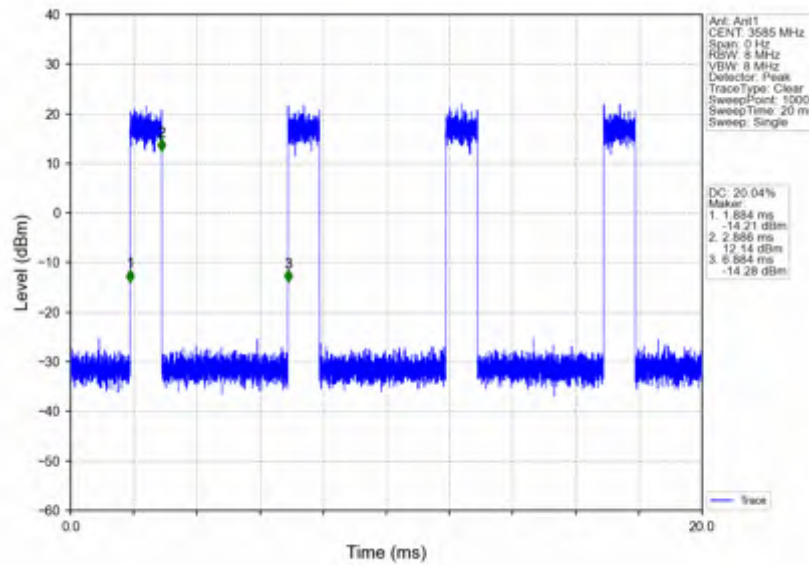
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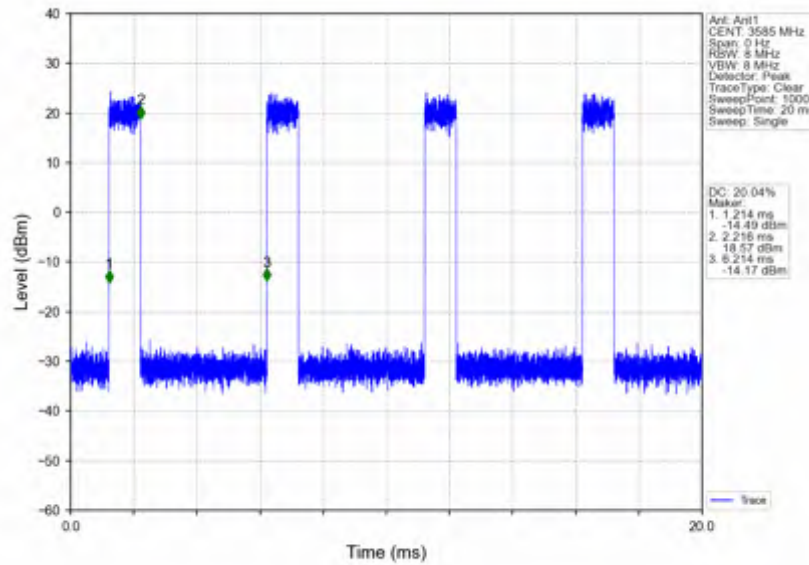
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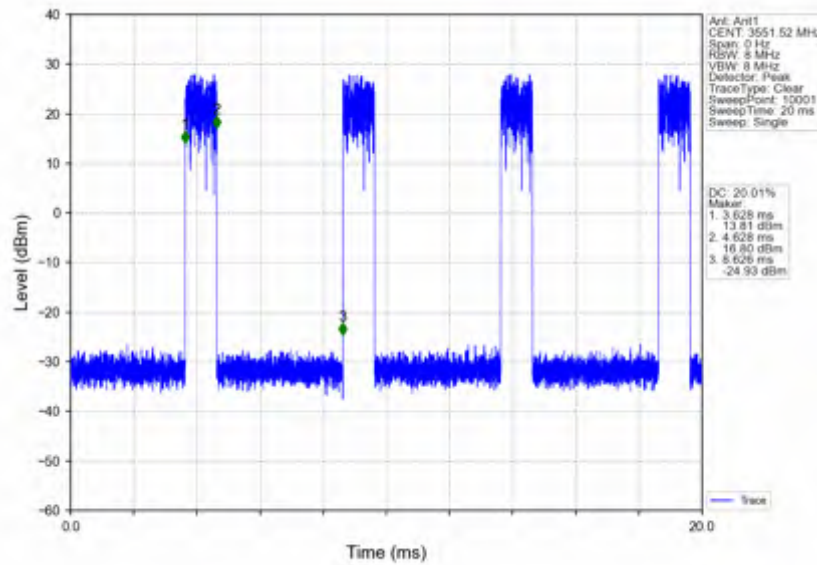
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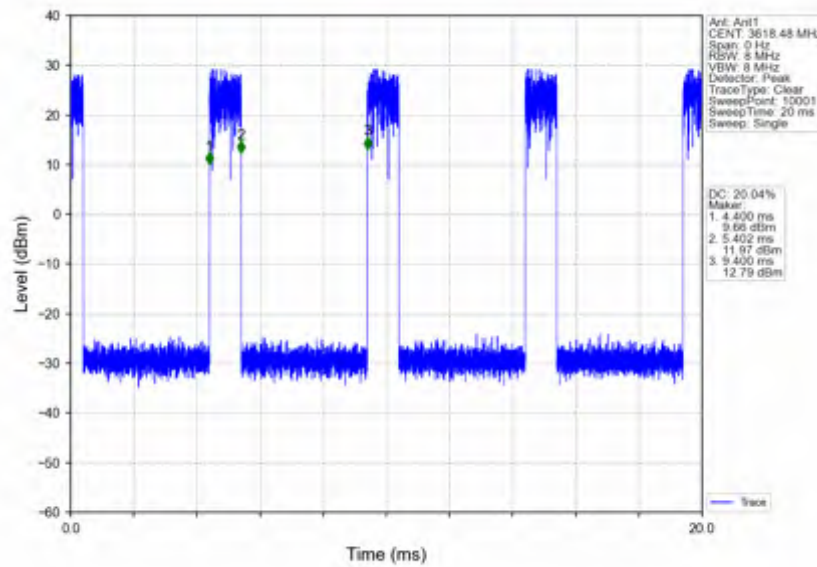
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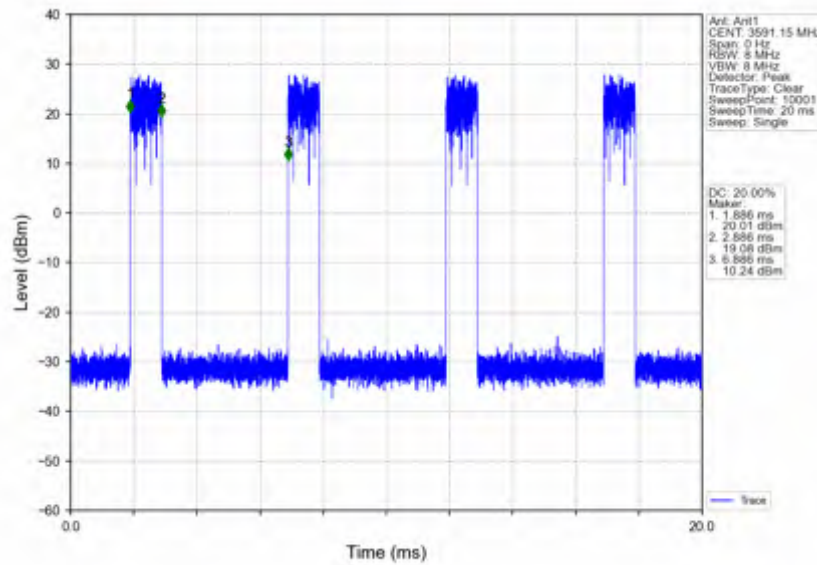
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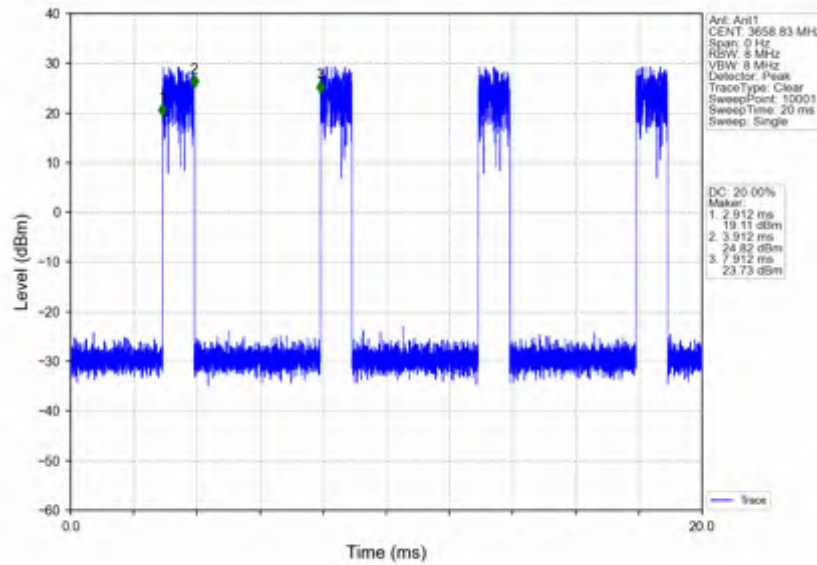
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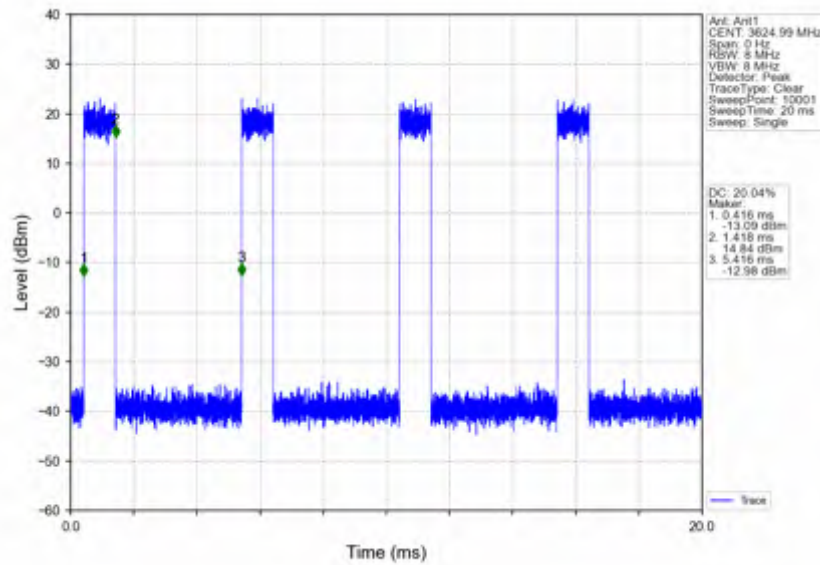
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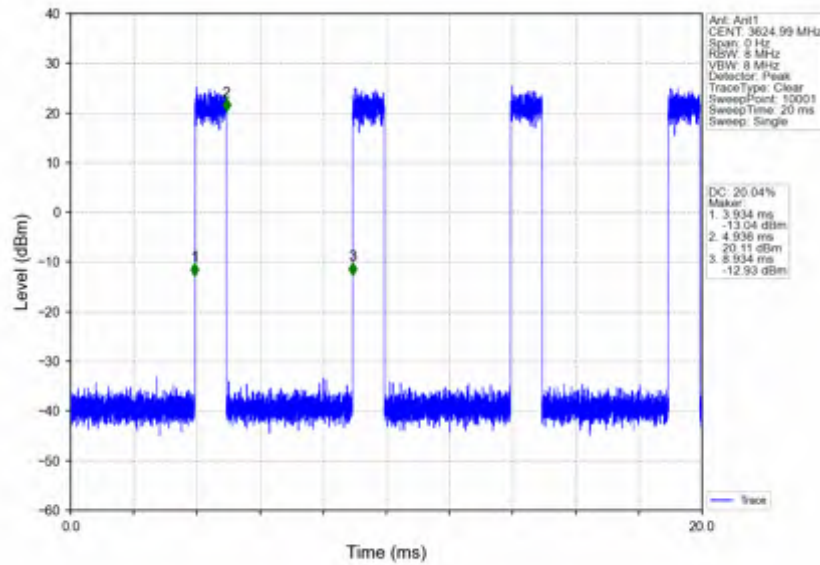
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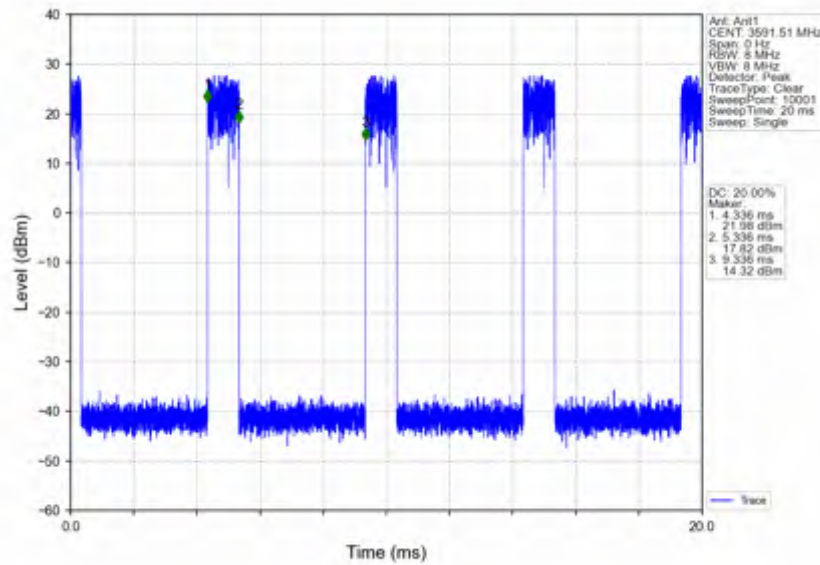
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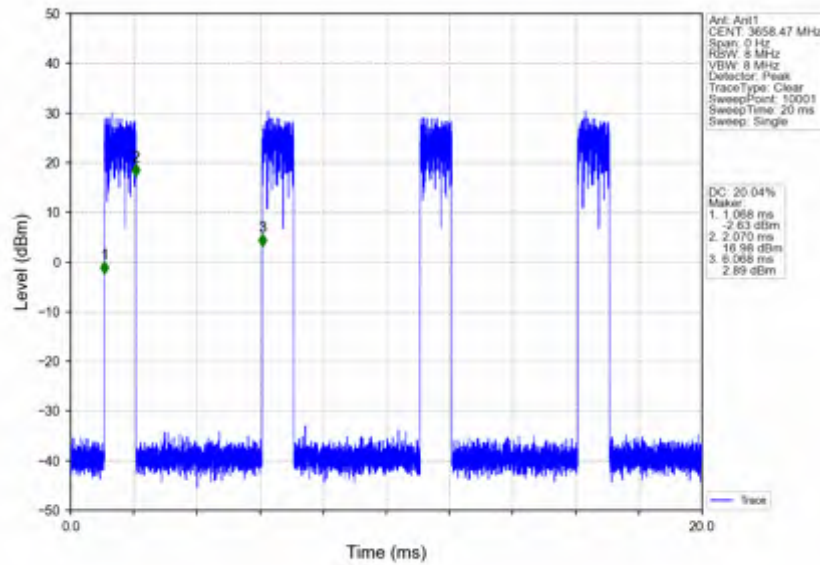
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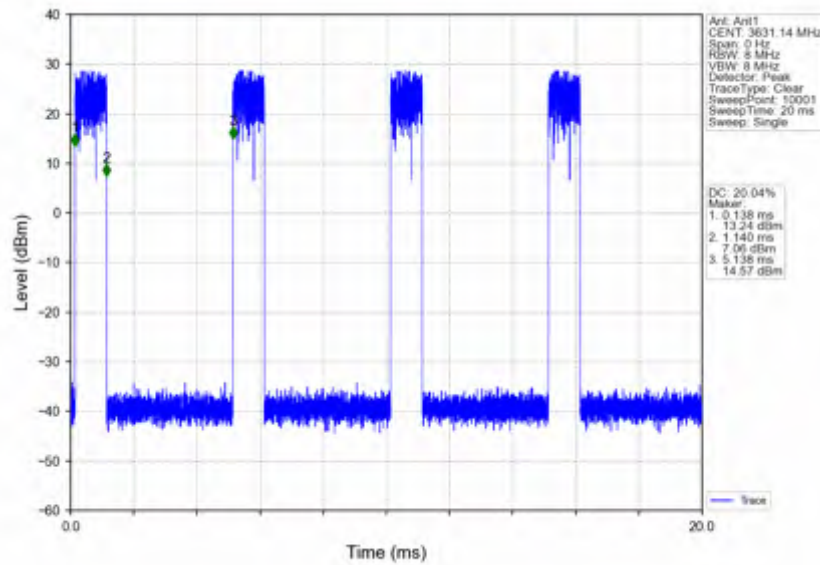
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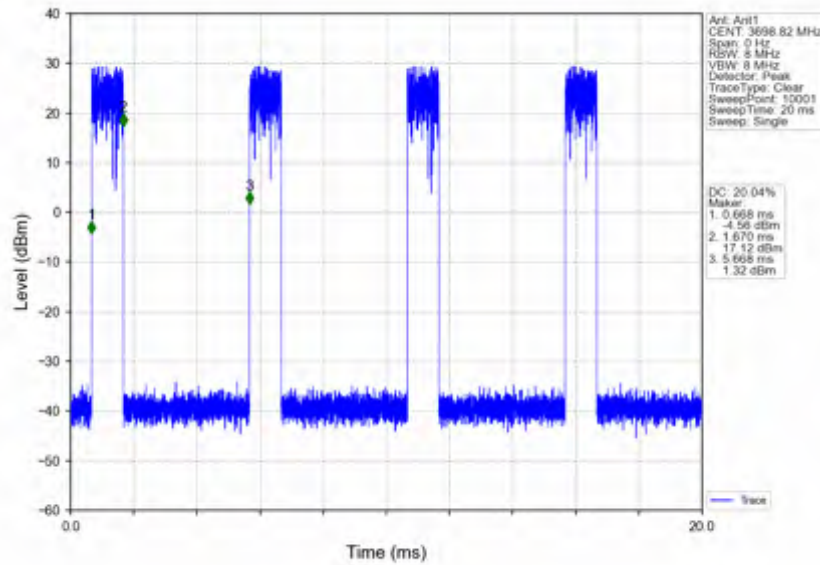
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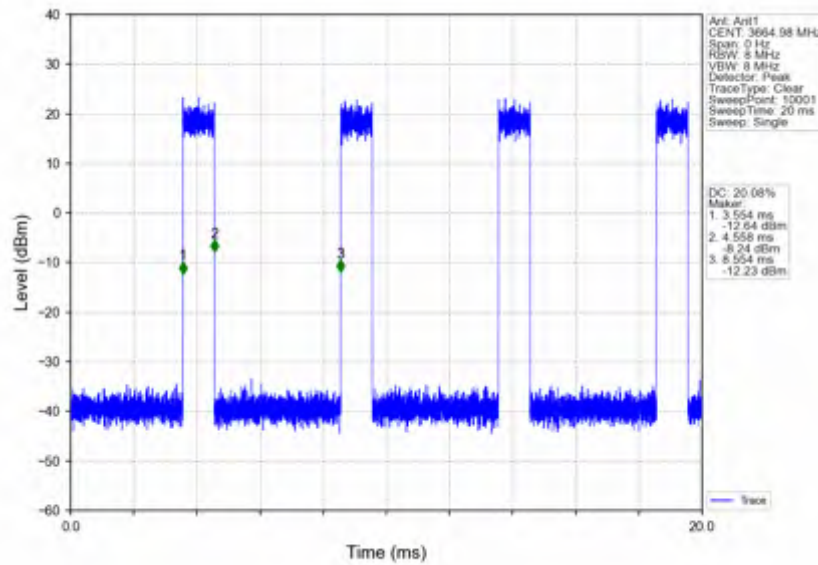
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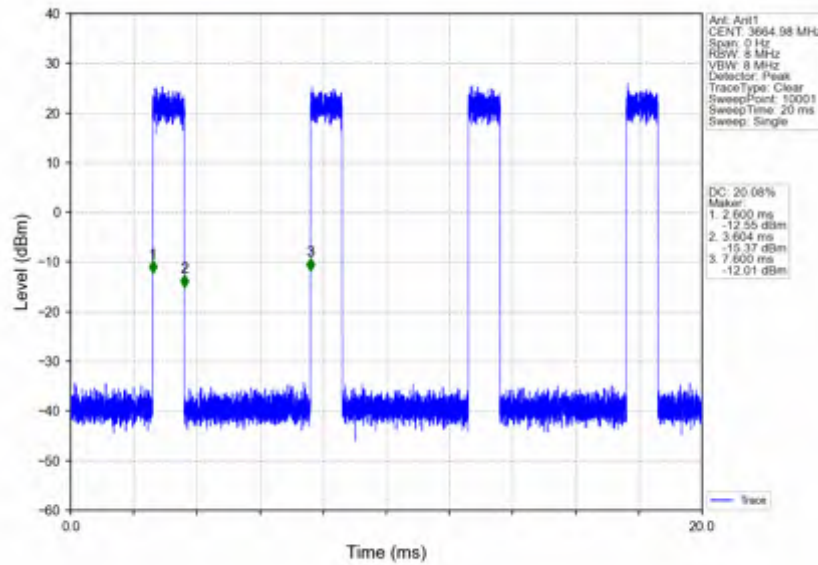
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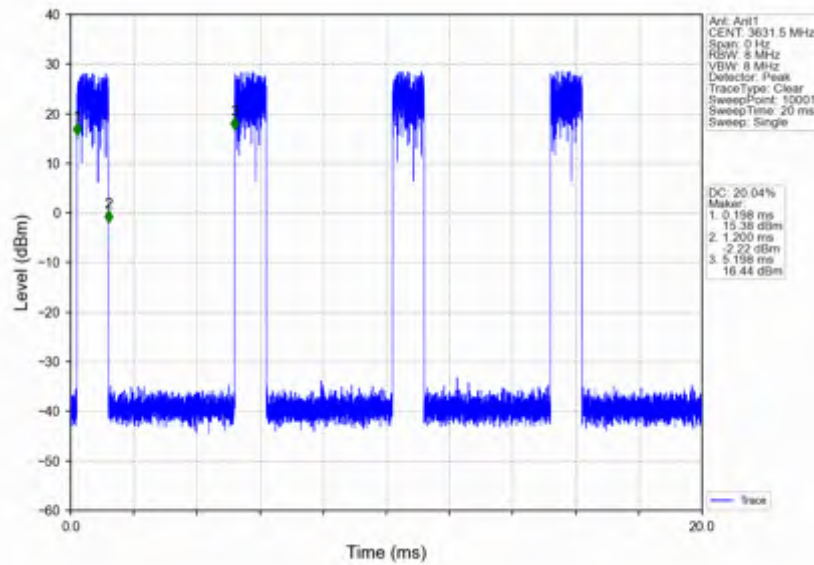
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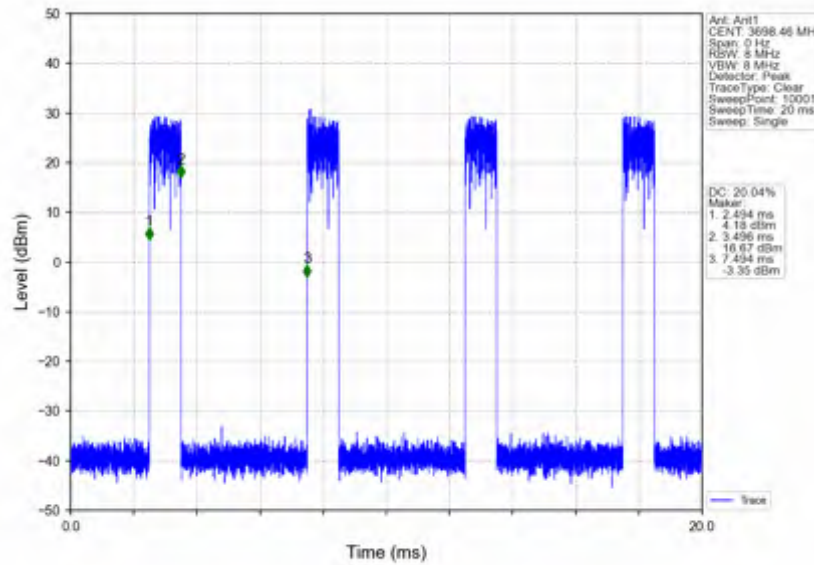
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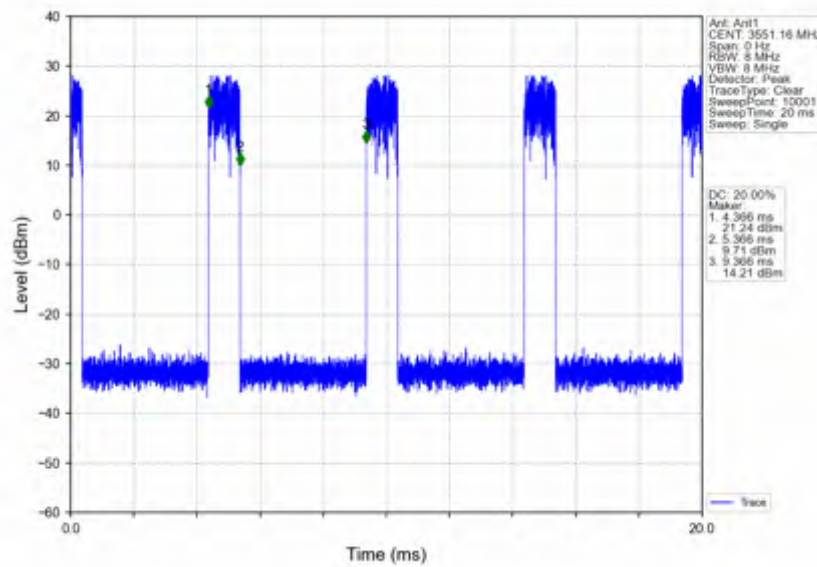
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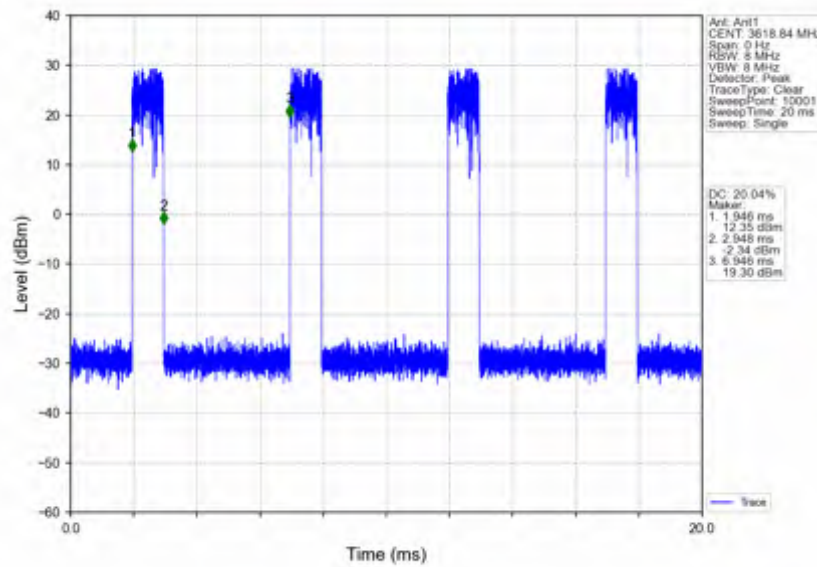
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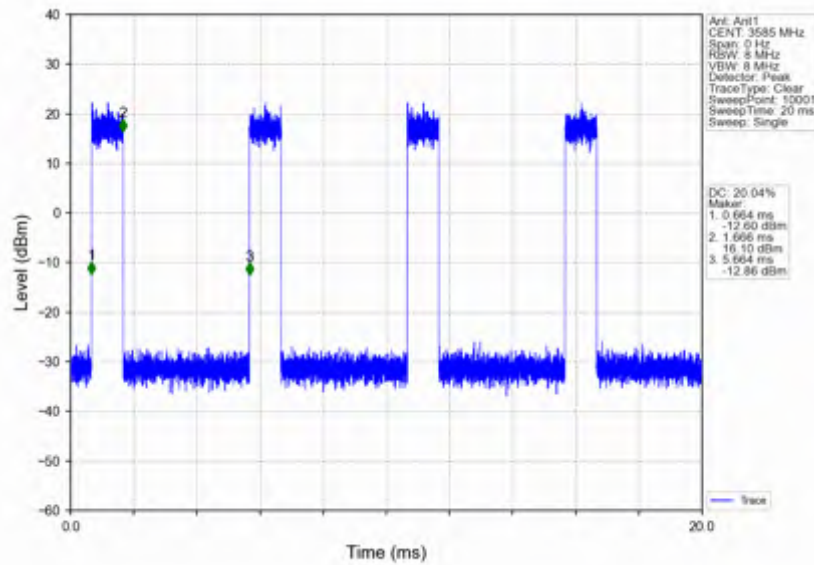
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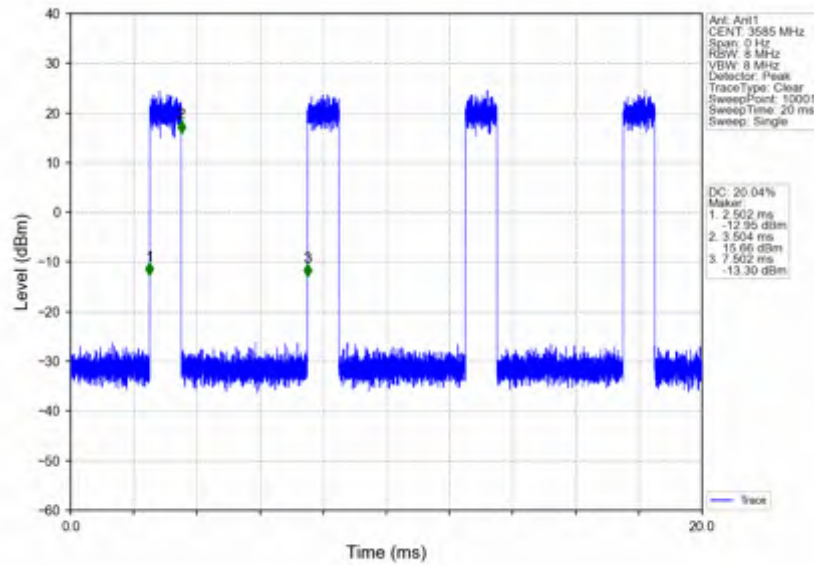
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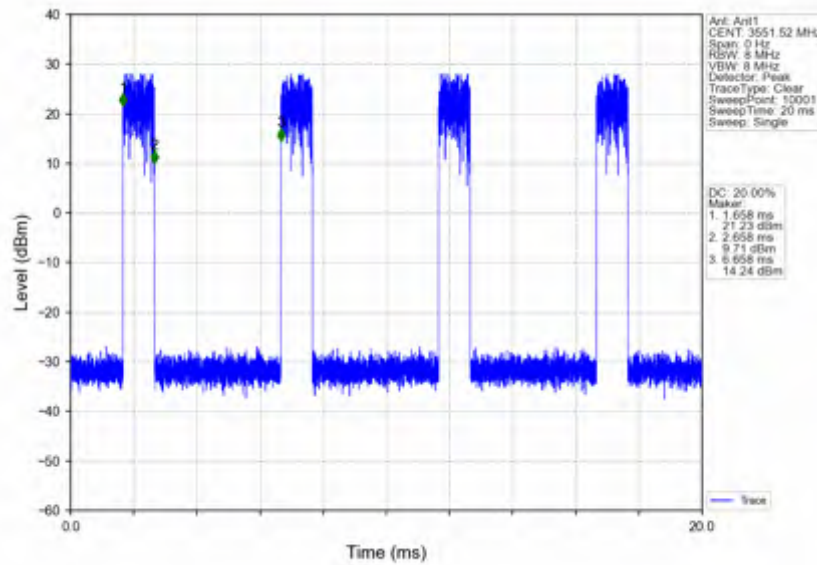
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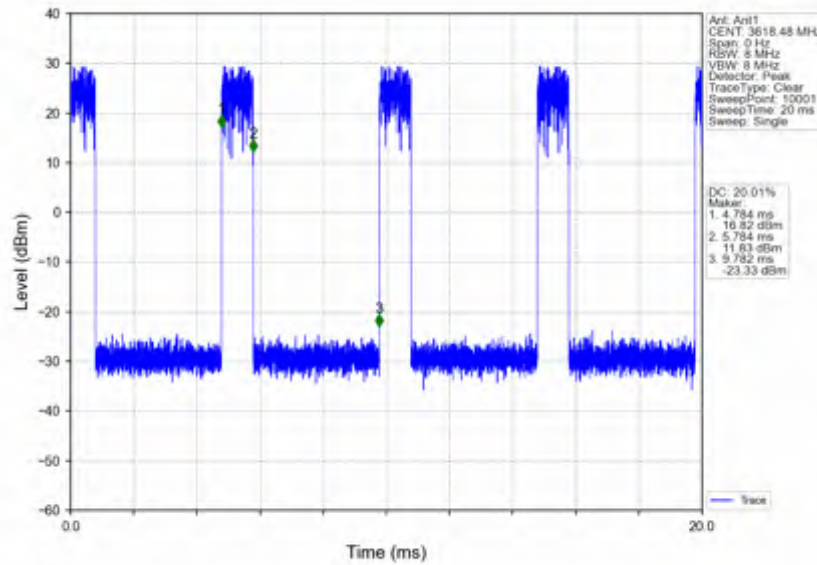
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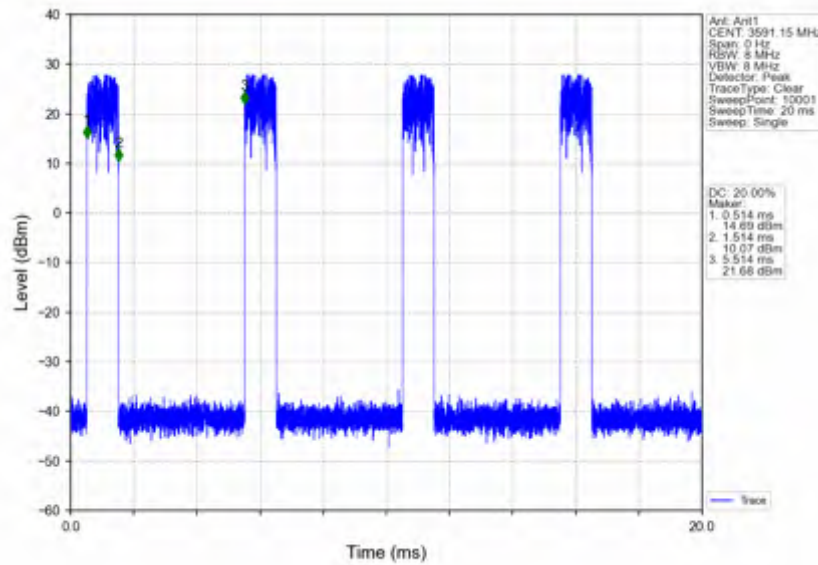
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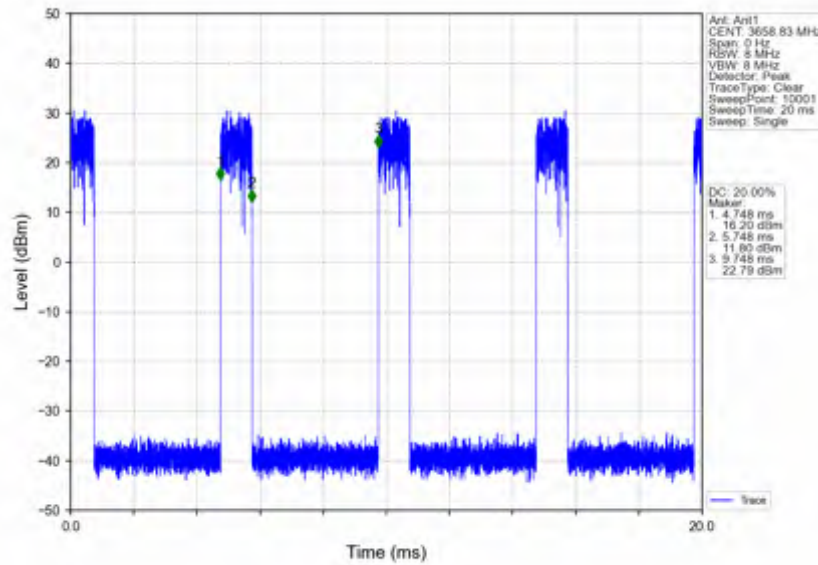
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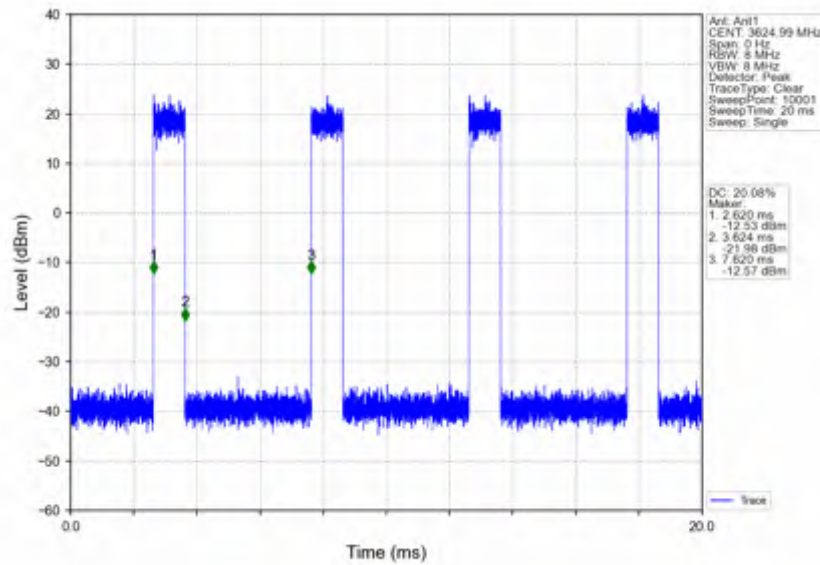
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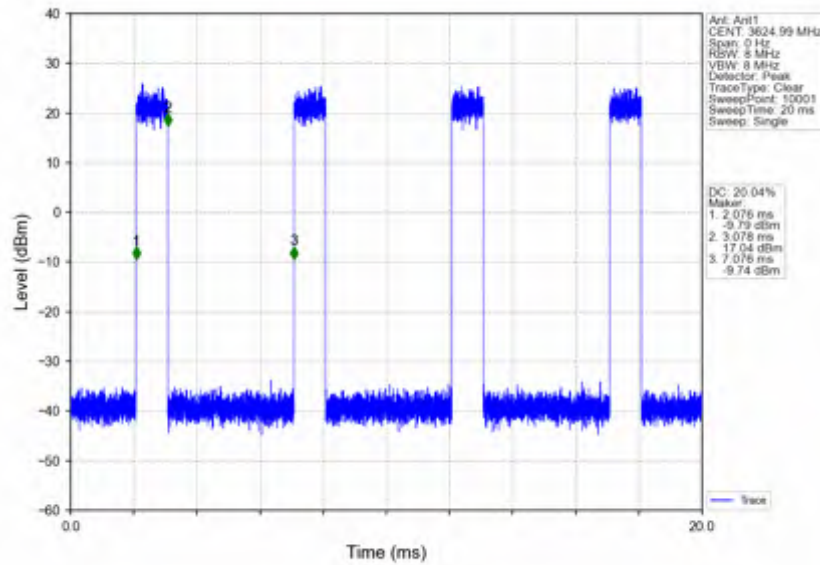
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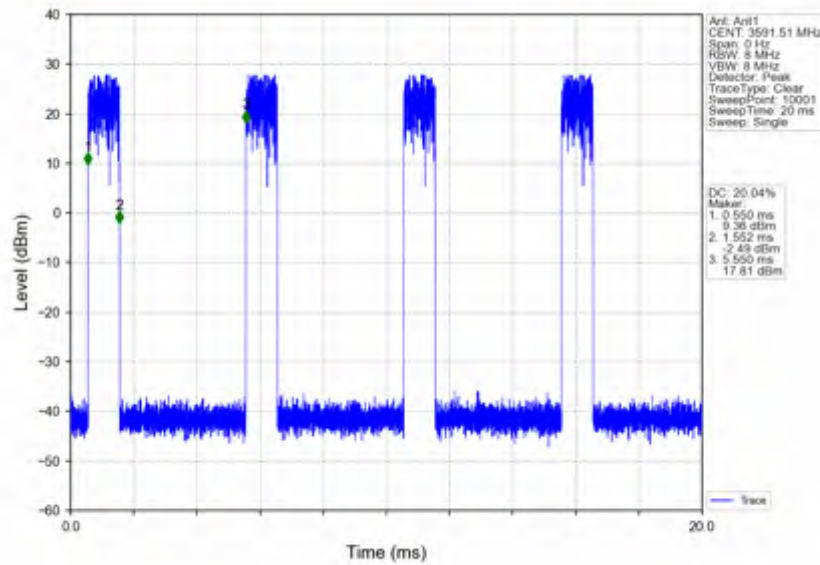
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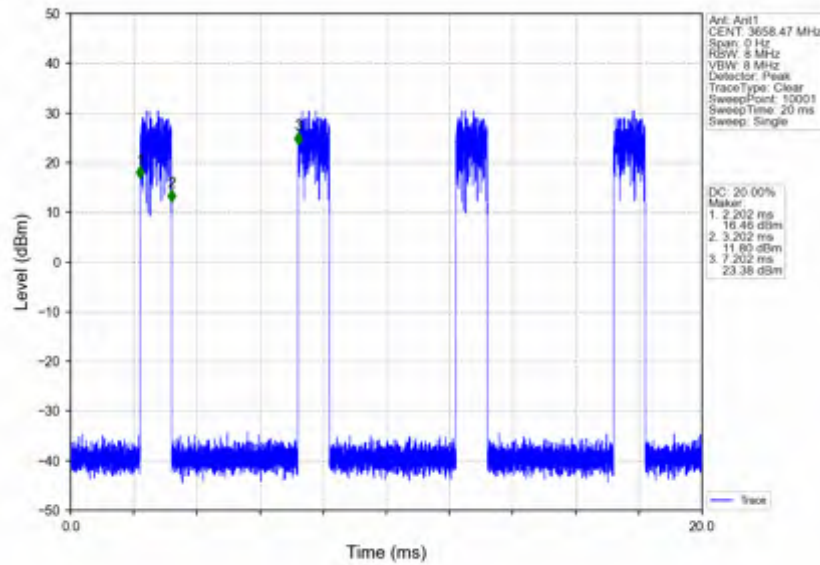
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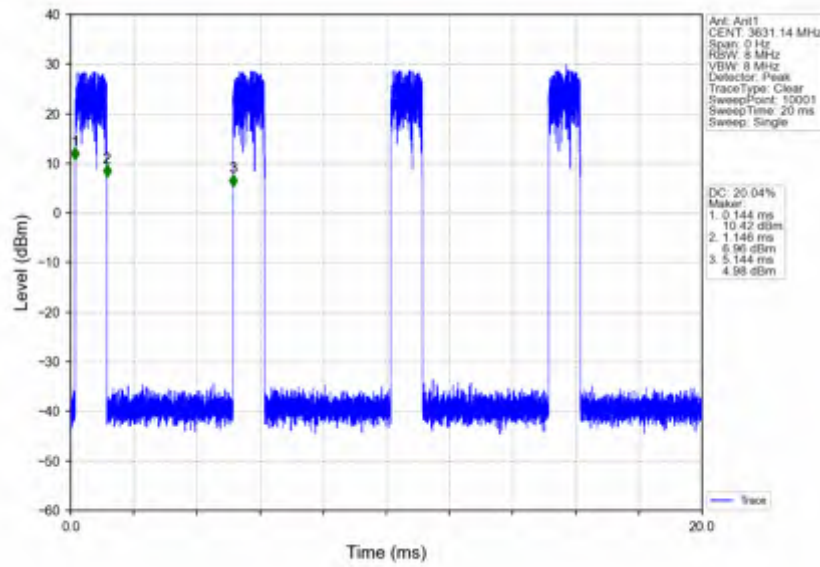
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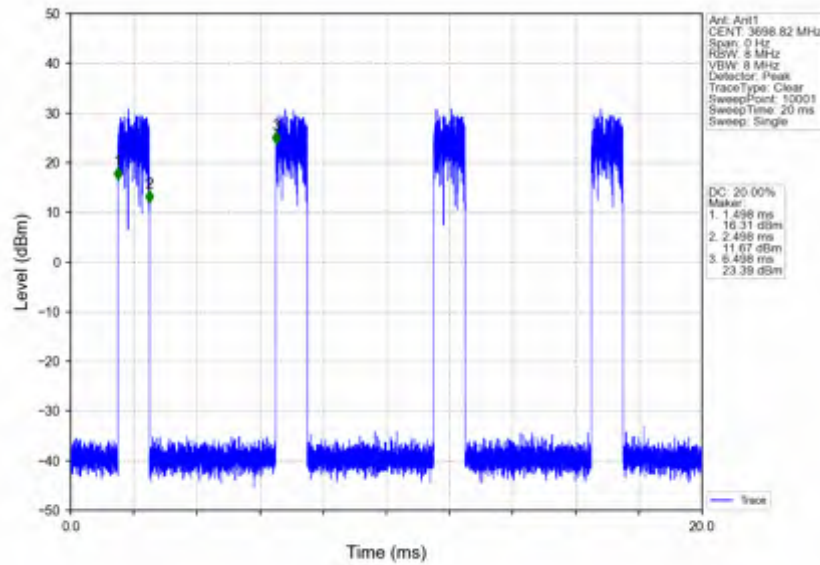
n78(3550-3700MHz) 30kHz SISO NTN 70MHz CP-OFDM 64 QAM 3624.99MHz Inner 1RB Right



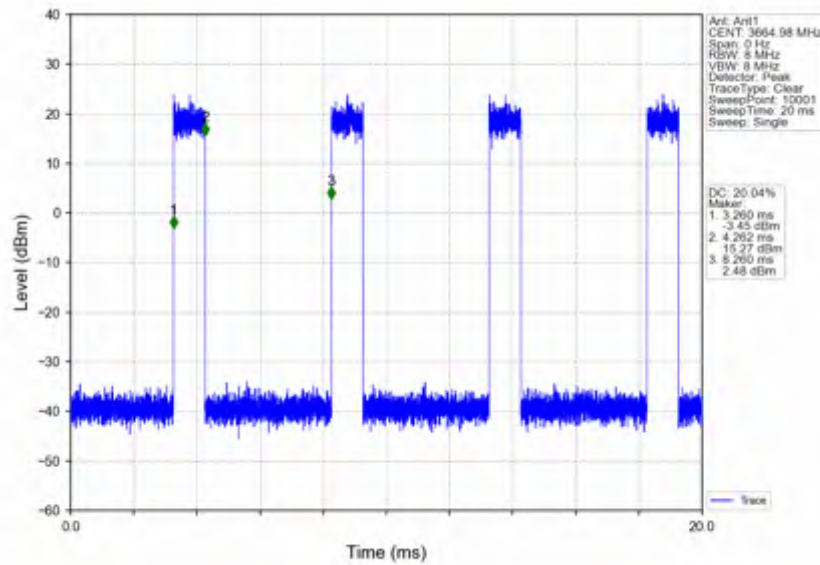
n78(3550-3700MHz) 30kHz SISO NTN 70MHz CP-OFDM 64 QAM 3664.98MHz Edge 1RB Left



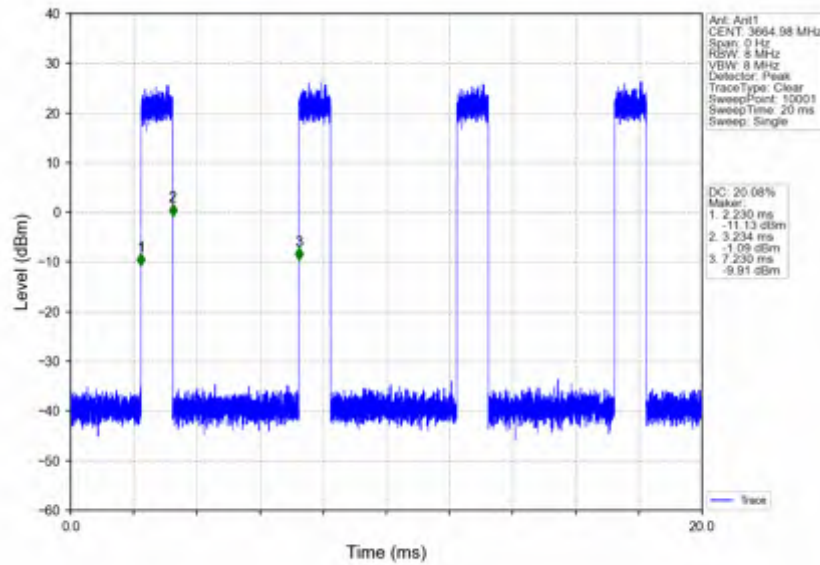
n78(3550-3700MHz) 30kHz SISO NTN 70MHz CP-OFDM 64 QAM 3664.98MHz Edge 1RB Right



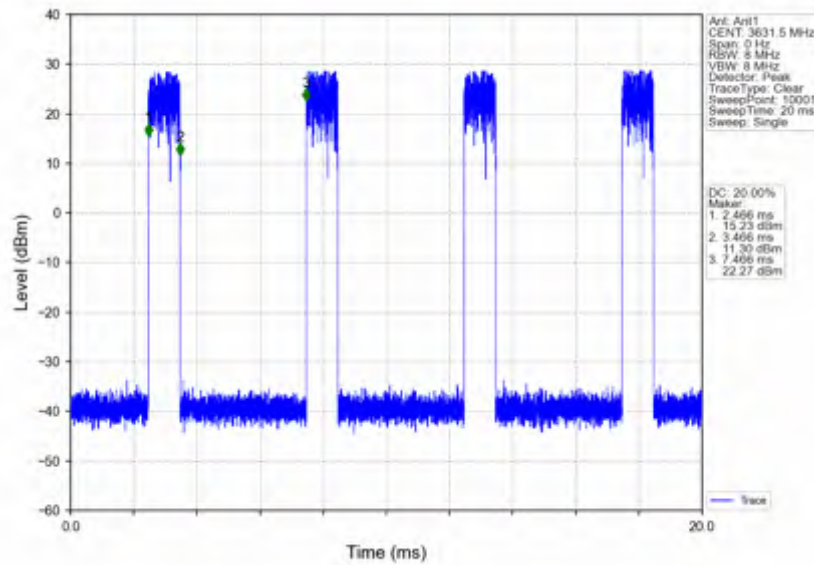
n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_64_QAM_3664.98MHz_Outer_Full



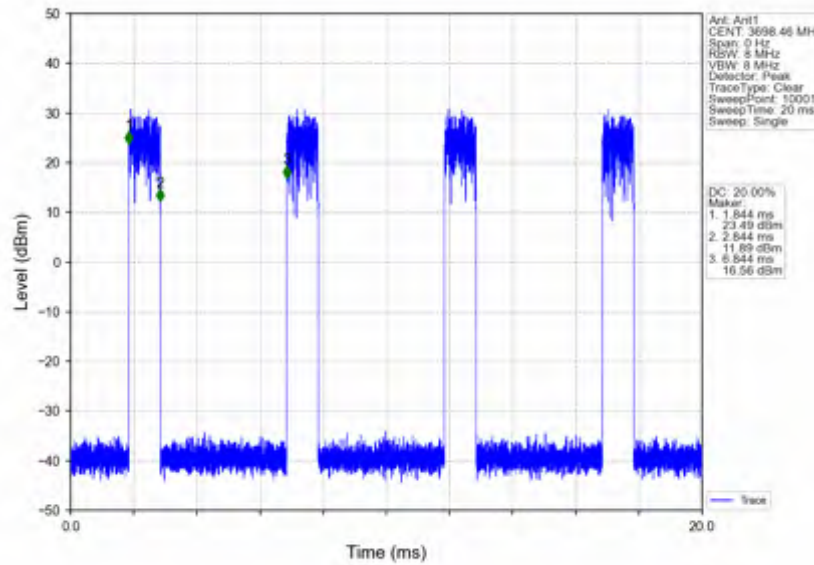
n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_64_QAM_3664.98MHz_Inner_Full



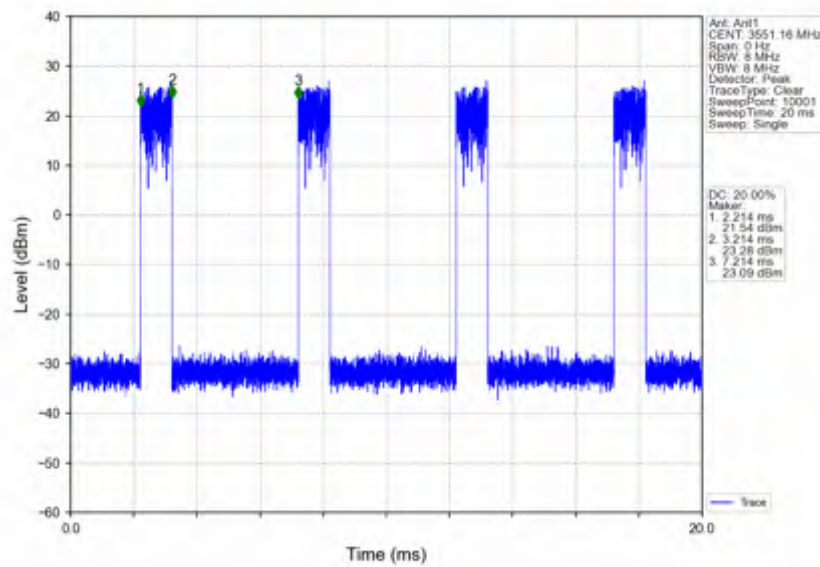
n78(3550-3700MHz) 30kHz SISO NTN 70MHz CP-OFDM 64 QAM 3664.98MHz Inner 1RB Left



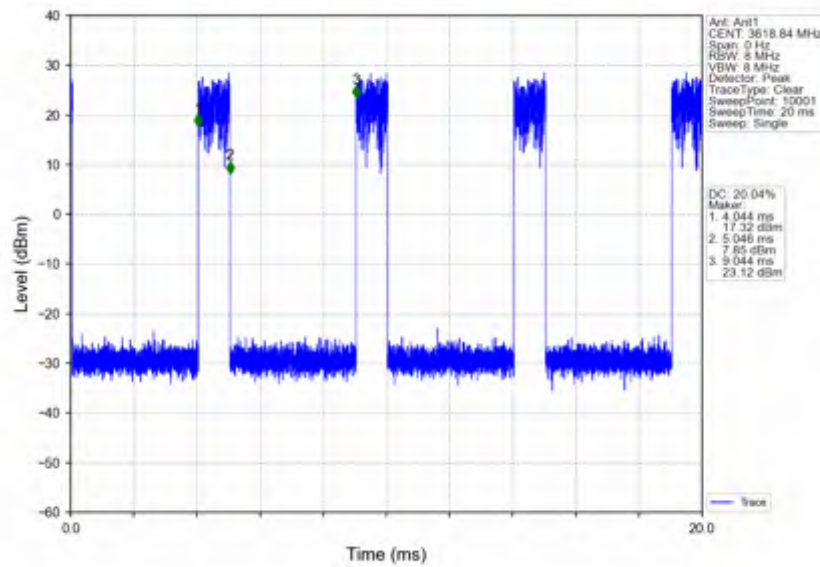
n78(3550-3700MHz) 30kHz SISO NTN 70MHz CP-OFDM 64 QAM 3664.98MHz Inner 1RB Right



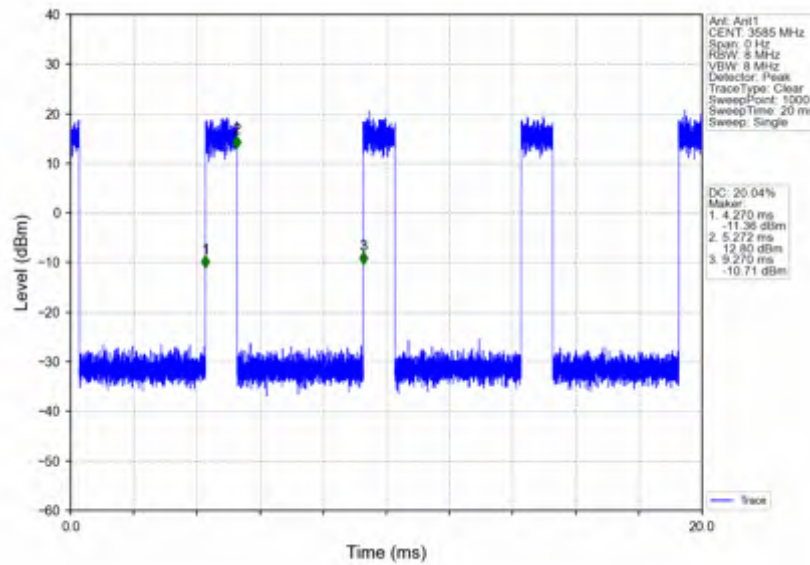
n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3585MHz_Edge_1RB_Left



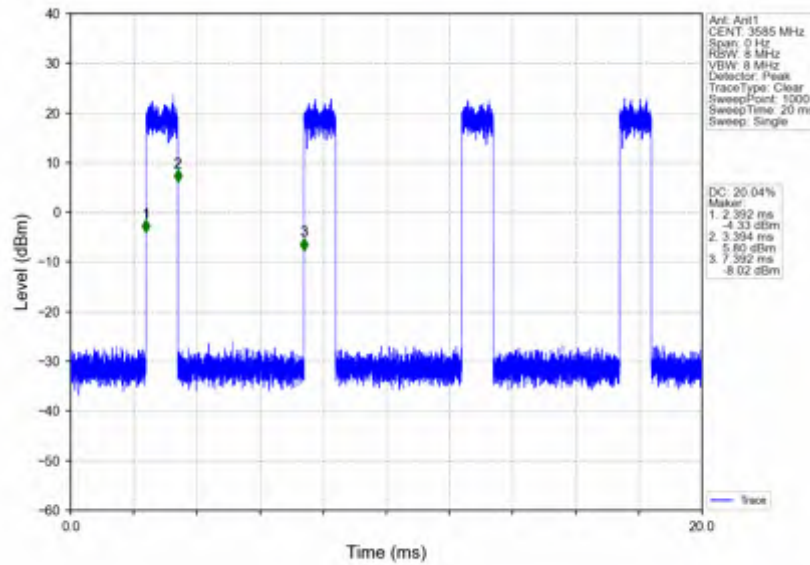
n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3585MHz_Edge_1RB_Right



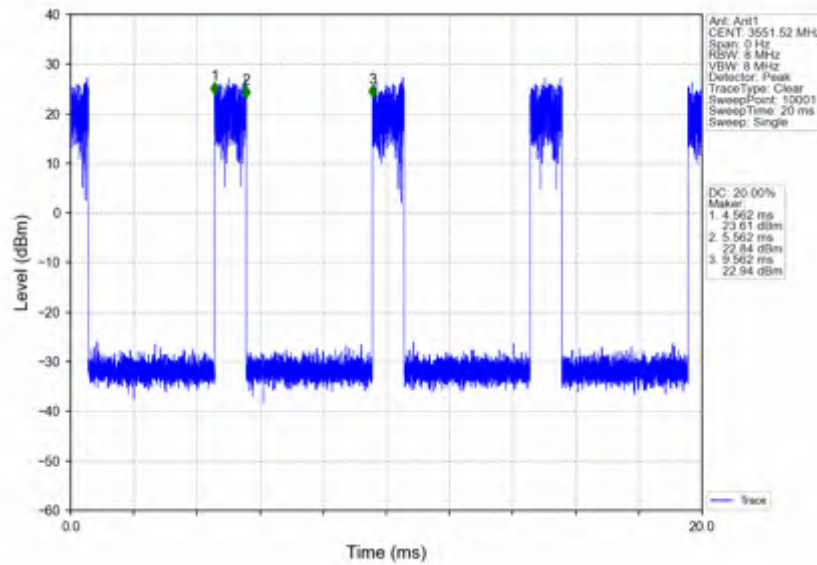
n78(3550-3700MHz) 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3585MHz Outer Full



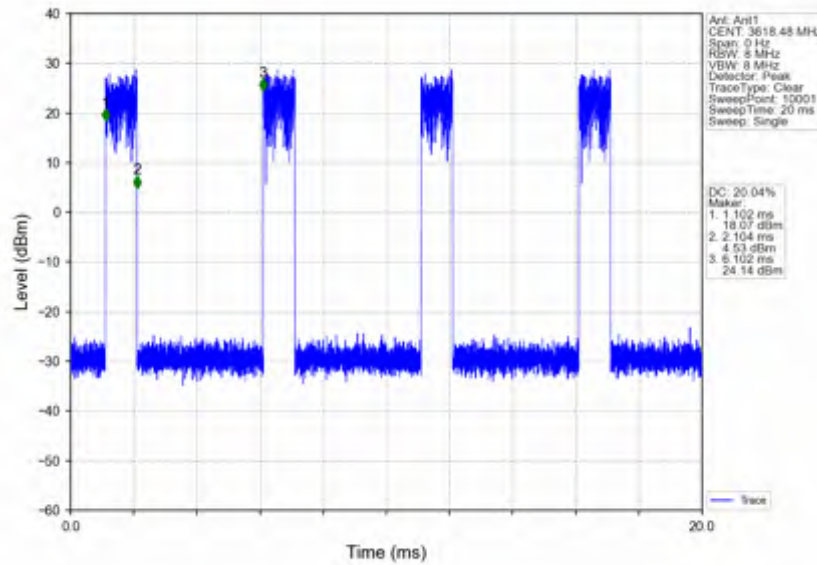
n78(3550-3700MHz) 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3585MHz Inner Full



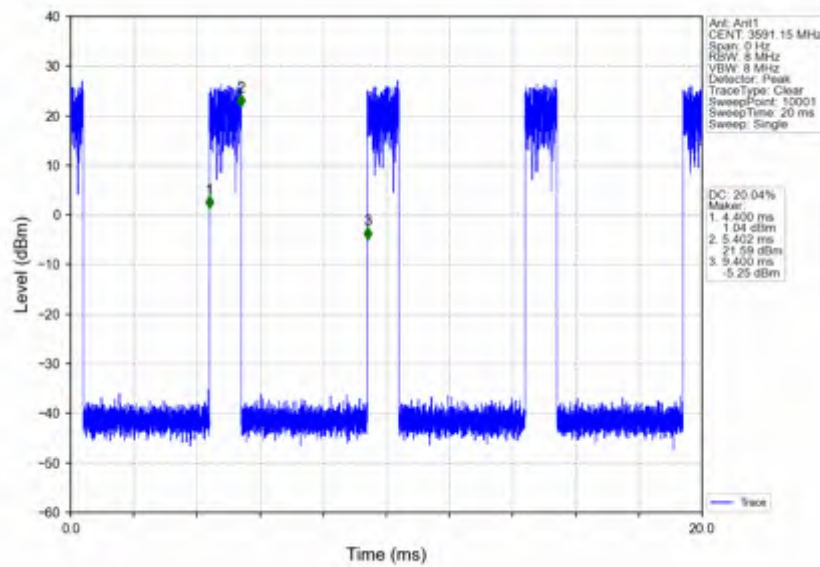
n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3585MHz_Inner_1RB_Left



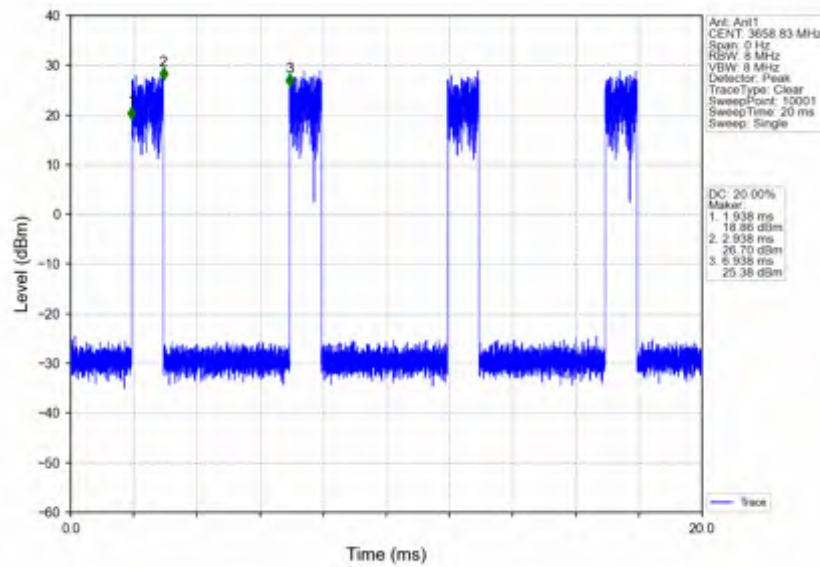
n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3585MHz_Inner_1RB_Right



n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3624.99MHz_Edge_1RB_Left

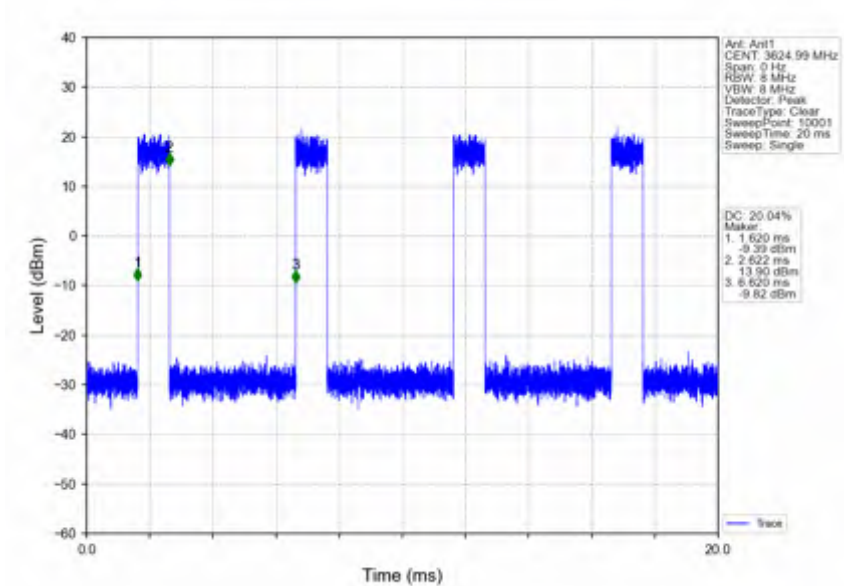


n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3624.99MHz_Edge_1RB_Right

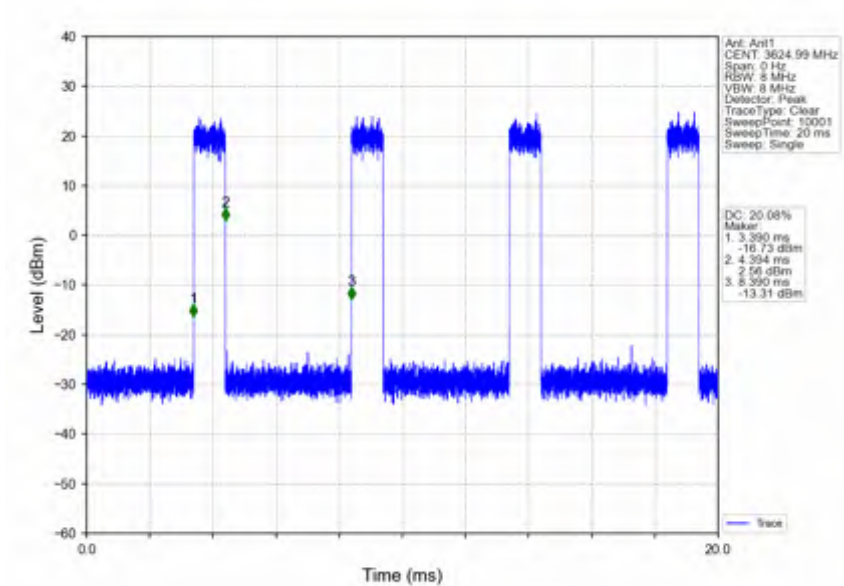




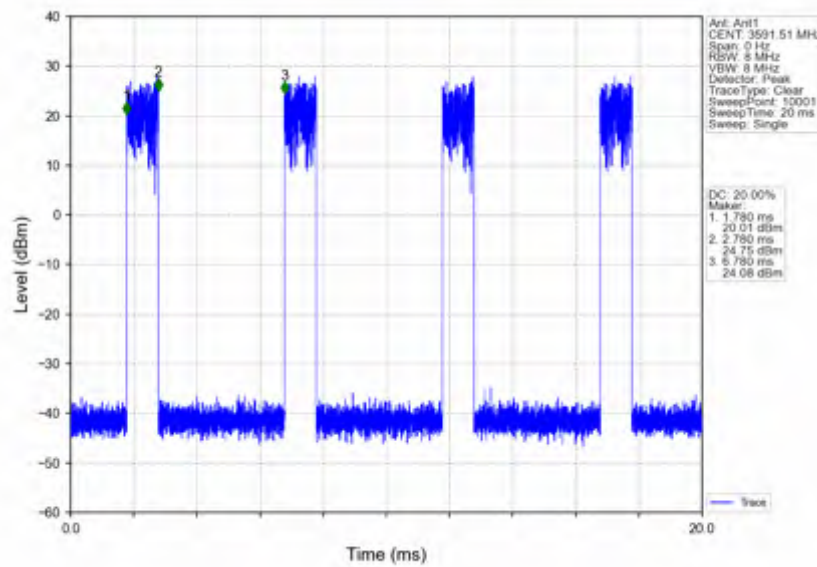
n78(3550-3700MHz) 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3624.99MHz Outer Full



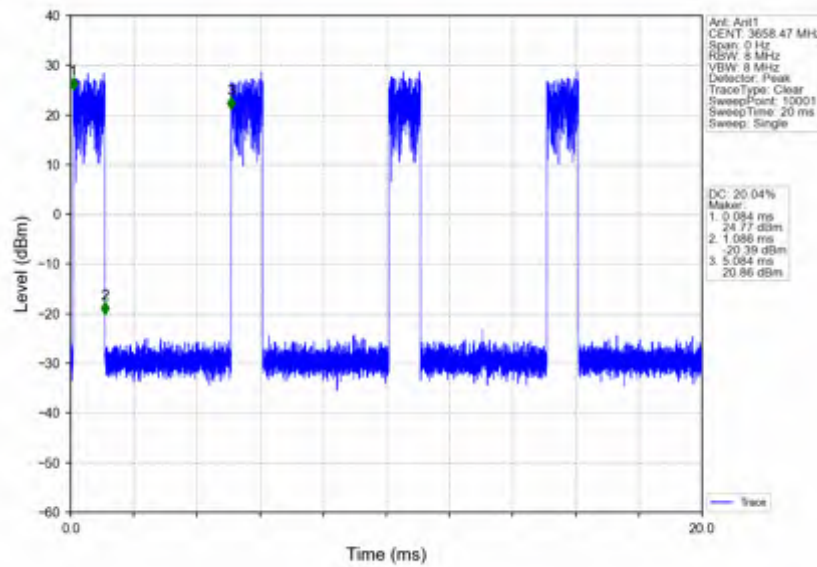
n78(3550-3700MHz) 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3624.99MHz Inner Full



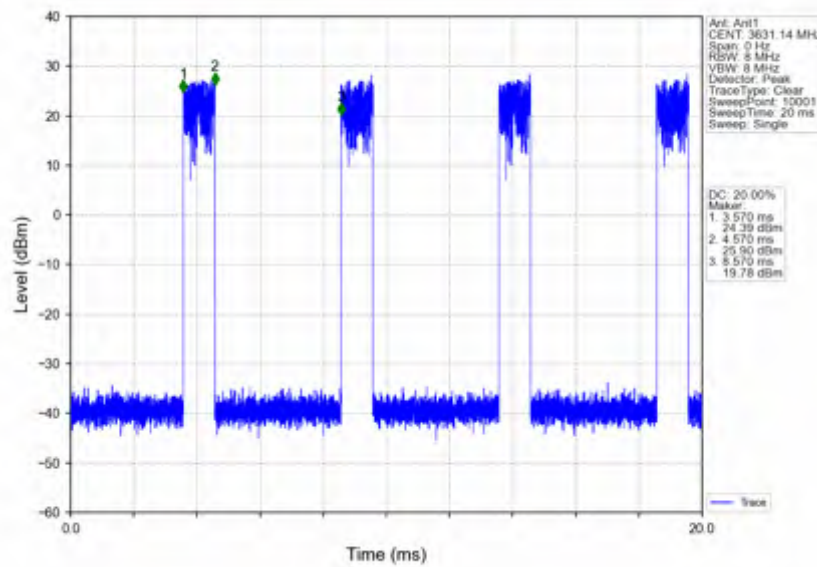
n78(3550-3700MHz) 30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM 3624.99MHz_Inner_1RB_Left



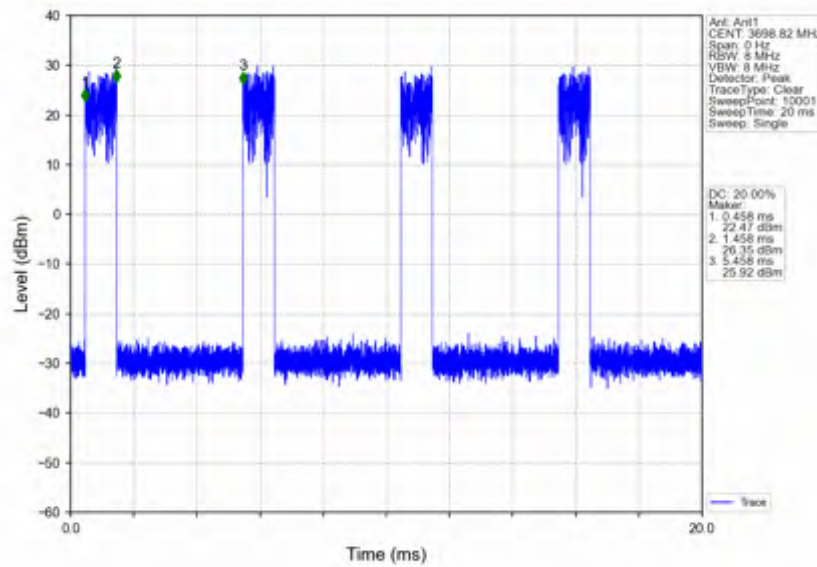
n78(3550-3700MHz) 30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM 3624.99MHz_Inner_1RB_Right



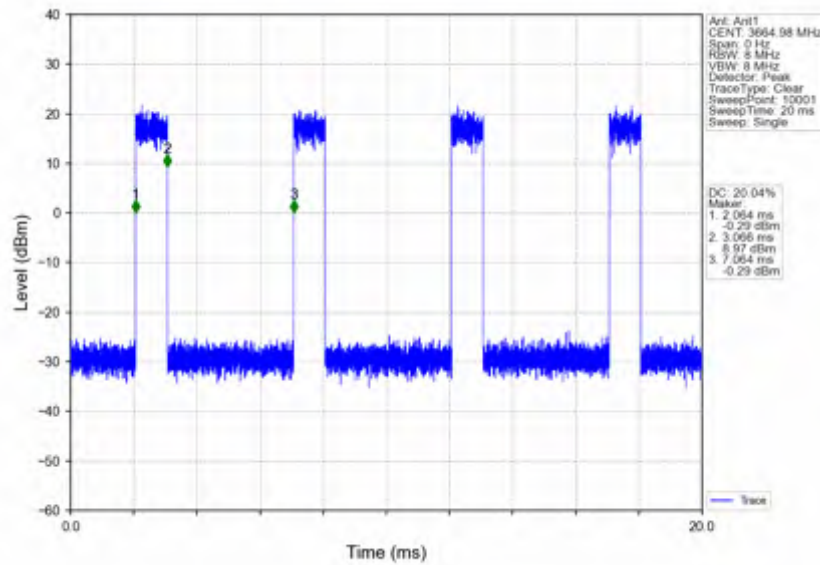
n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3664.98MHz_Edge_1RB_Left



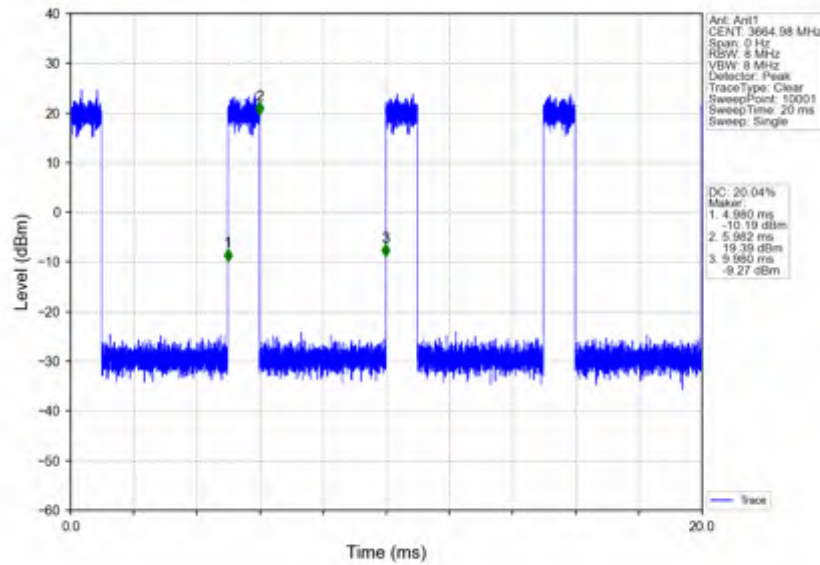
n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3664.98MHz_Edge_1RB_Right



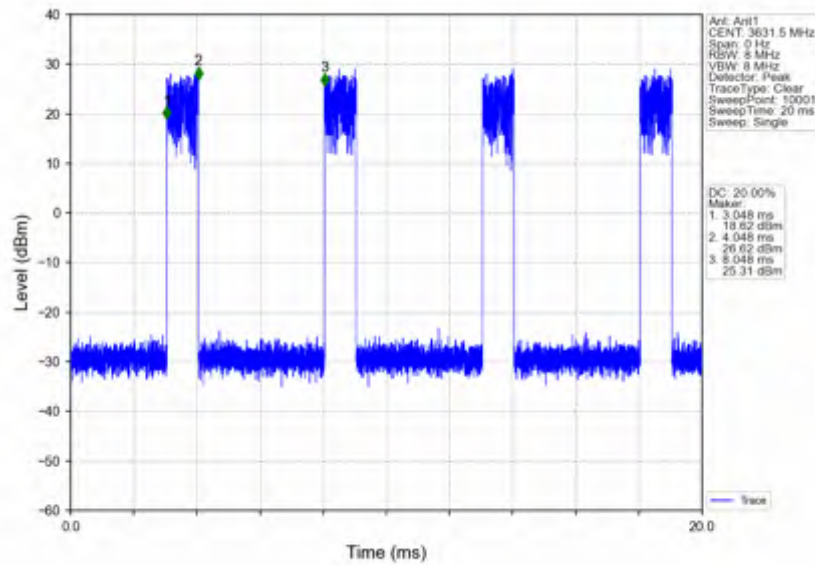
n78(3550-3700MHz) 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3664.98MHz Outer Full



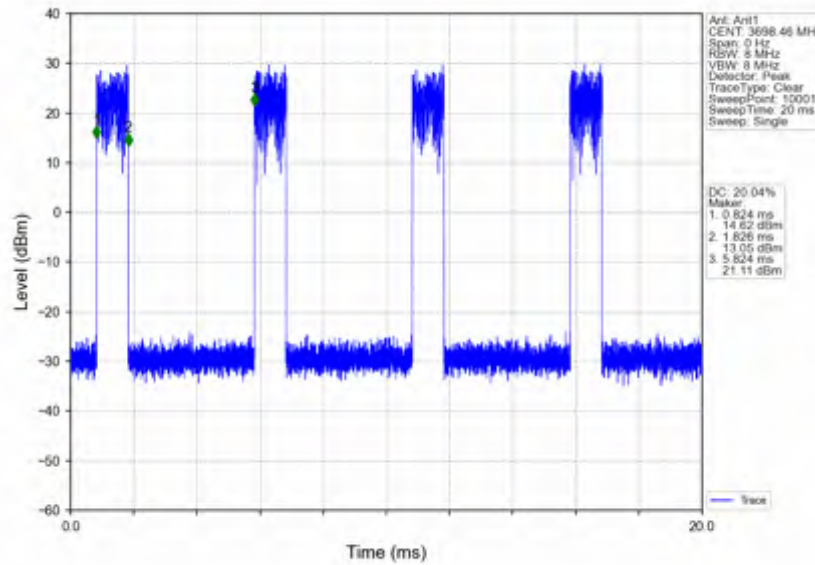
n78(3550-3700MHz) 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3664.98MHz Inner Full



n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3664.98MHz_Inner_1RB_Left



n78(3550-3700MHz)_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3664.98MHz_Inner_1RB_Right



**1.7 30k_SISO_80MHz_NTNV****1.7.1 Test Result**

5G NR n78(3550-3700MHz) SCS=30kHz SISO 80MHz 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	3590.01	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.04
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3660	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.03
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM QPSK	3590.01	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.004	5.000	20.08	6.97	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3660	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.004	5.000	20.08	6.97	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM 16 QAM	3590.01	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00

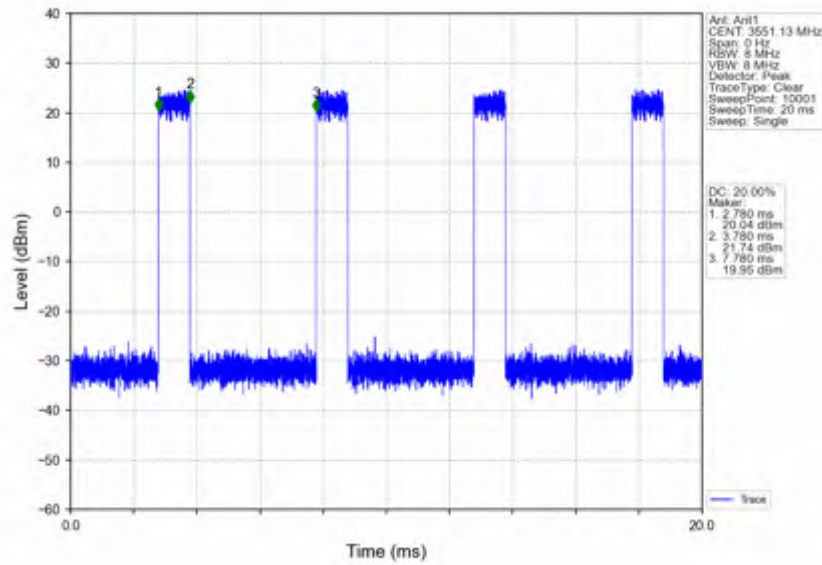
	3660	Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.004	5.000	20.08	6.97	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Right	1.002	5.000	20.04	6.98	0.00
DFT-s-OFDM 64 QAM	3590.01	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.002	5.000	20.04	6.98	0.00
	3624.99	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.03
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
	3660	Edge 1RB Left	1.000	4.998	20.01	6.99	0.03
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.004	5.000	20.08	6.97	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM 256 QAM	3590.01	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.004	5.000	20.08	6.97	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
	3660	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
CP-OFDM QPSK	3590.01	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Right	1.002	5.000	20.04	6.98	0.00
	3624.99	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
	3660	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.04

		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 16 QAM	3590.01	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		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
		Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.03
	3624.99	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
		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 64 QAM	3590.01	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.004	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
		Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
	3624.99	Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
CP-OFDM 256 QAM	3590.01	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		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	0.04
		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
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.04
	3660	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		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	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00

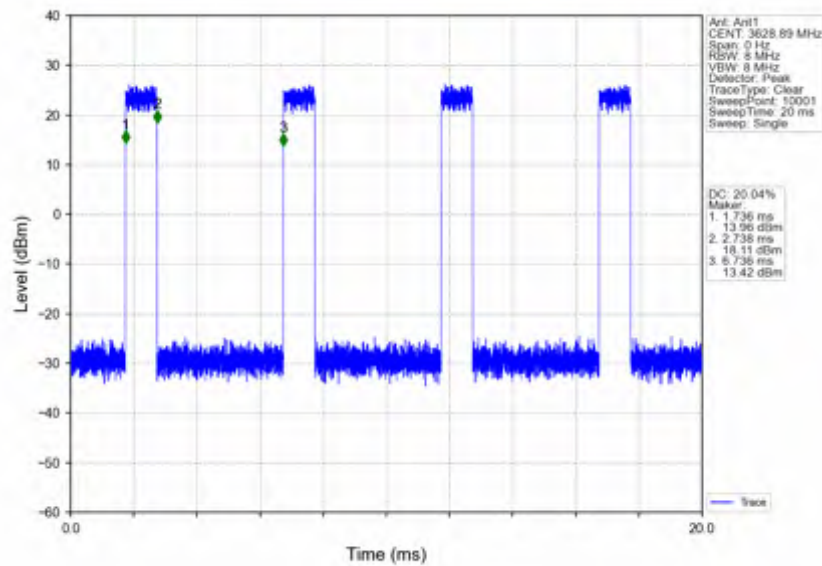


1.7.2 Test Graph

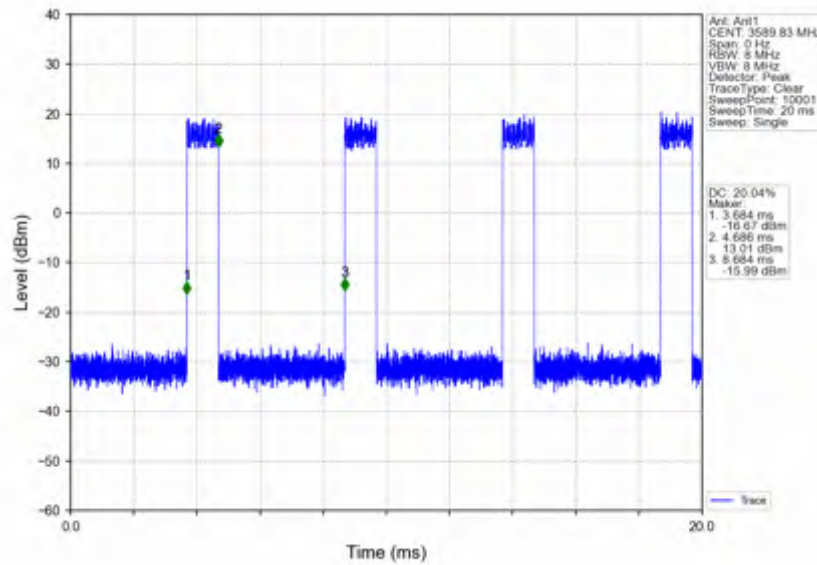
n78(3550-3700MHz) 30kHz SISO NTN 80MHz DFT-s-OFDM PI/2 BPSK 3590.01MHz Edge_1RB_Left



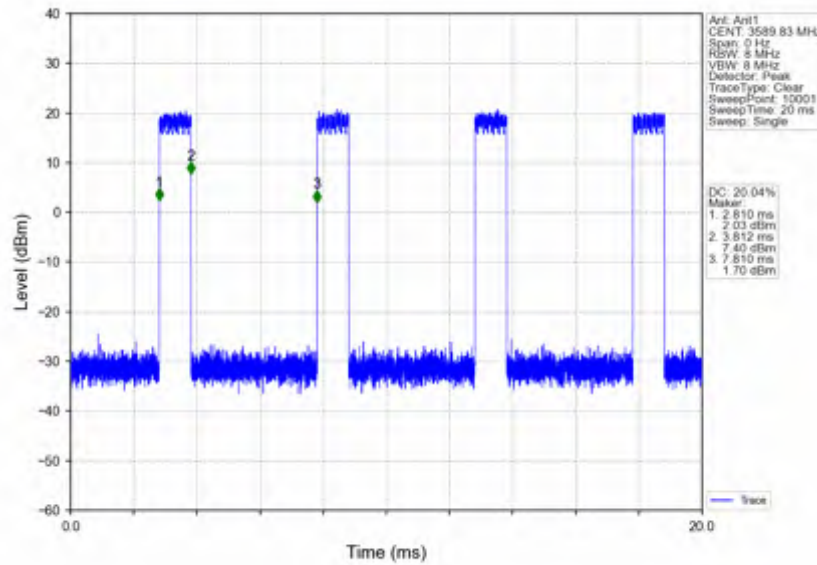
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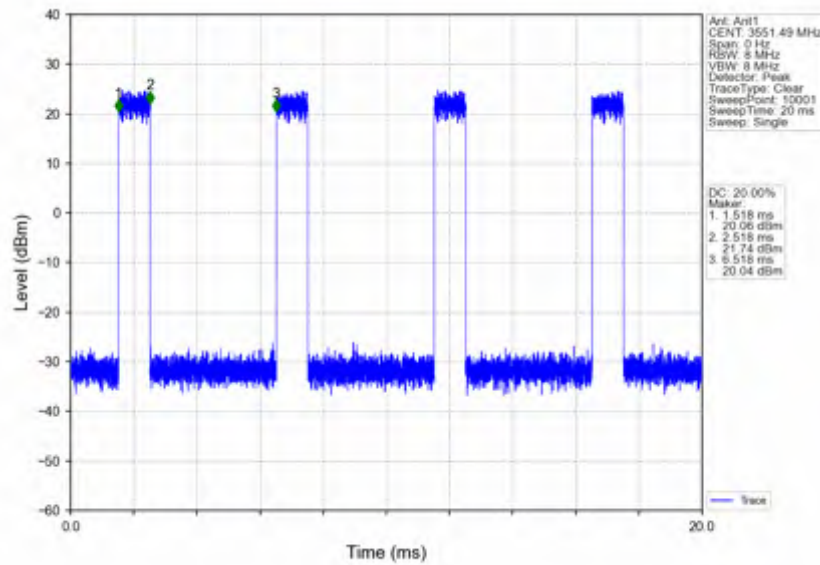
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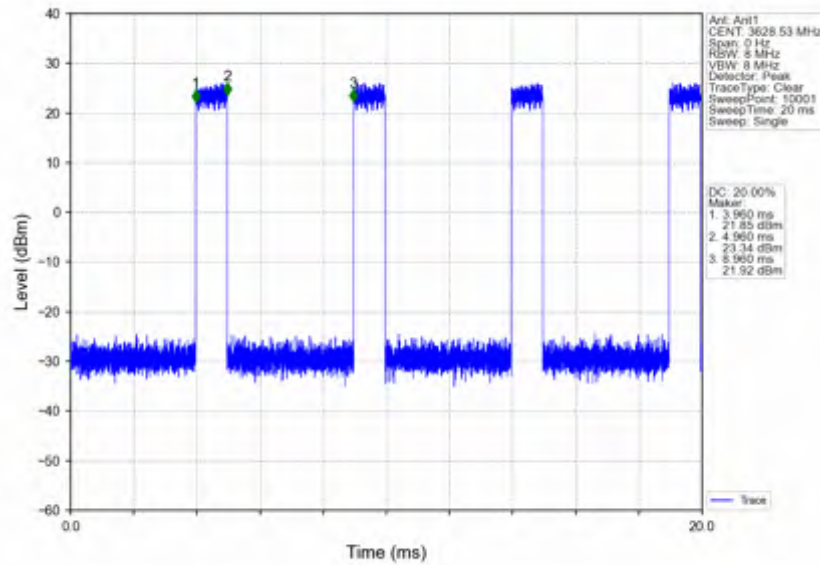
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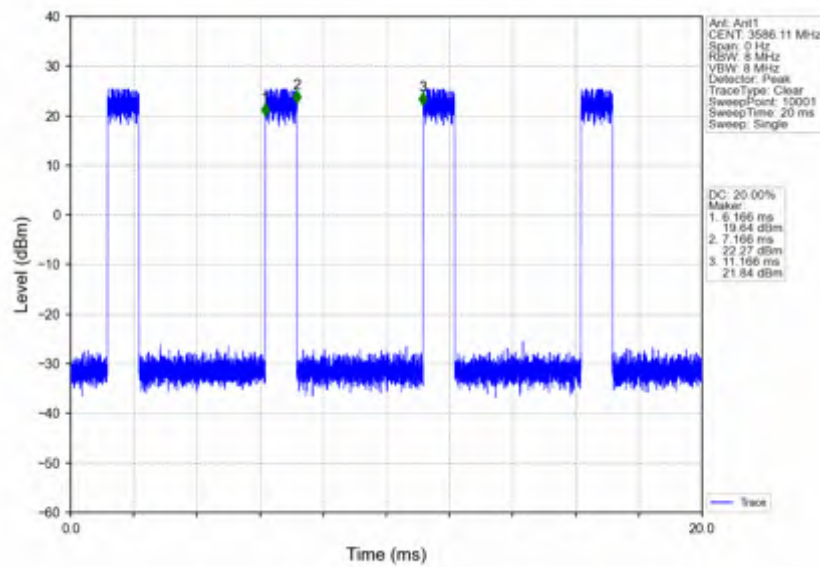
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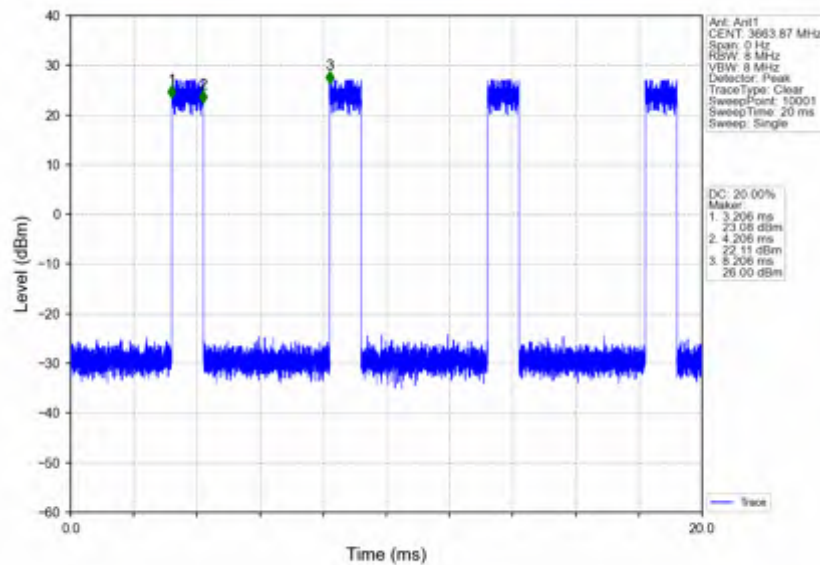
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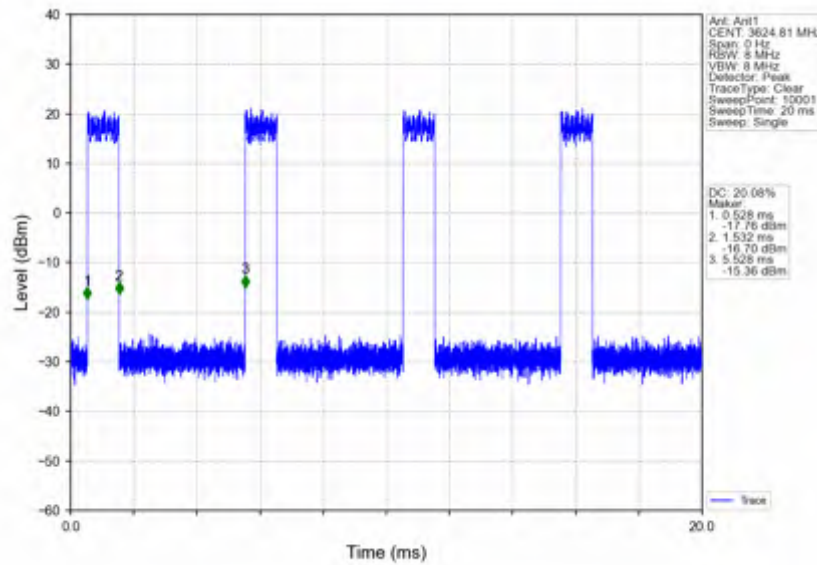
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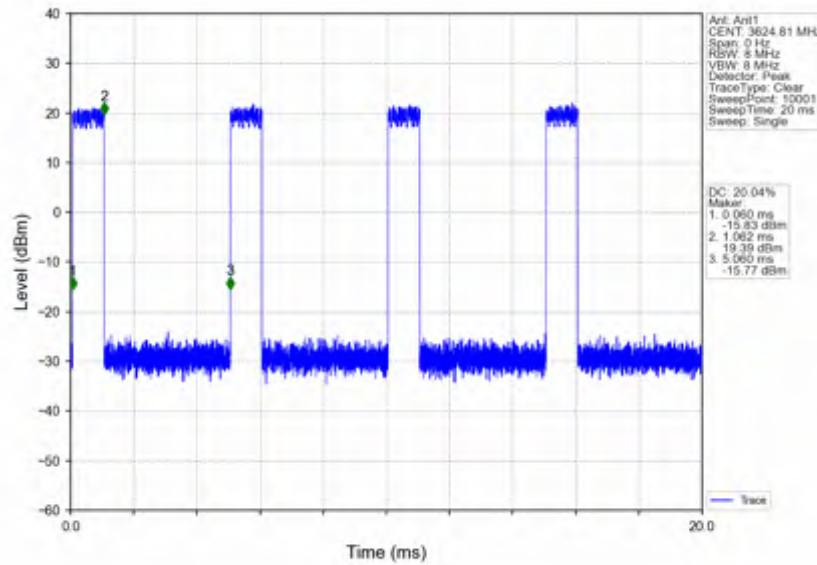
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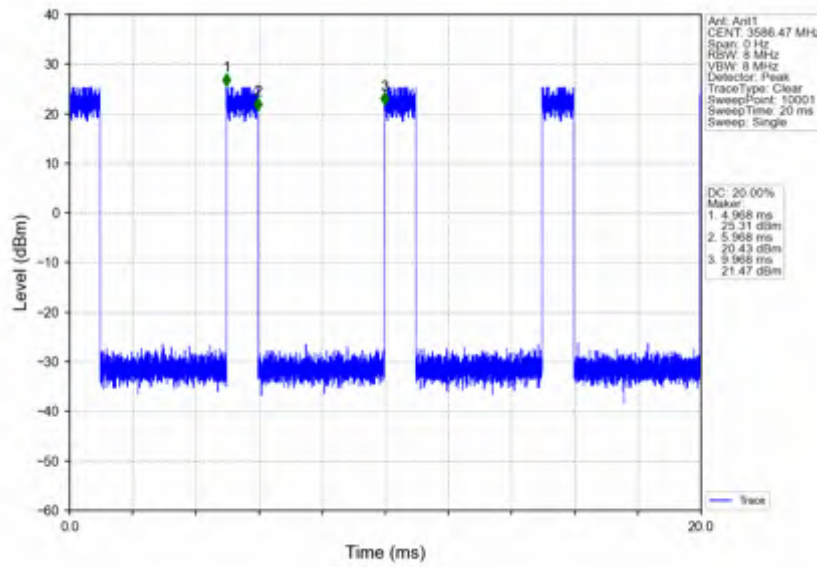
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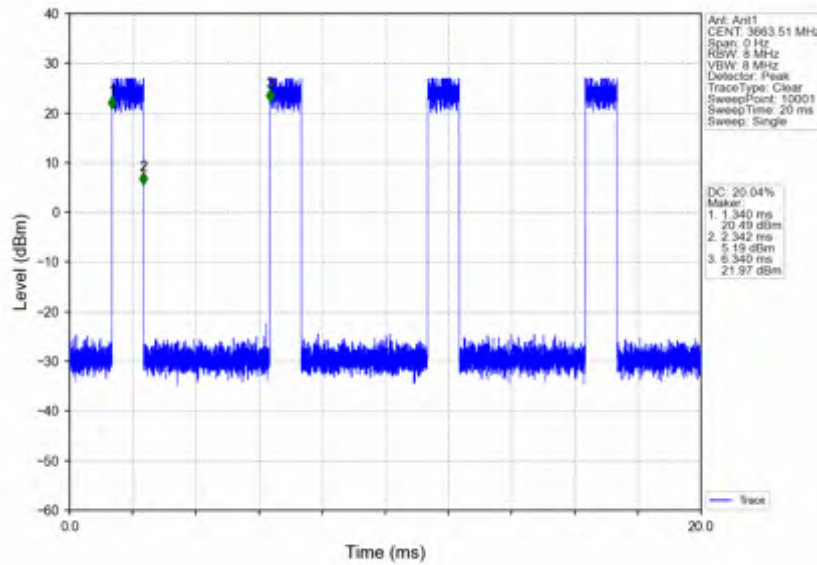
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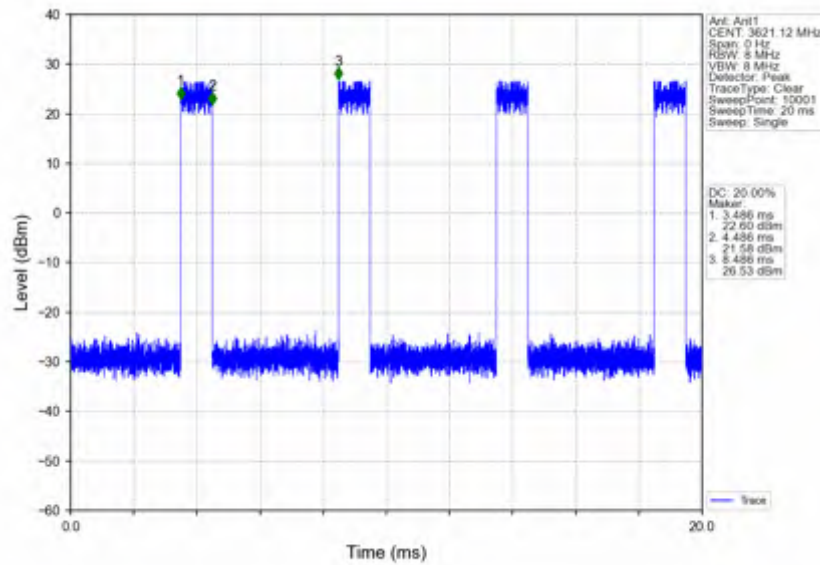
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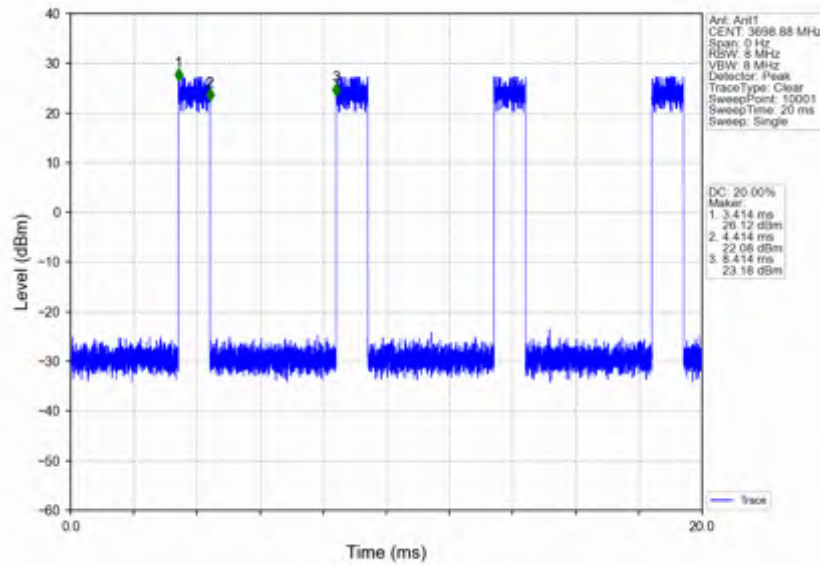
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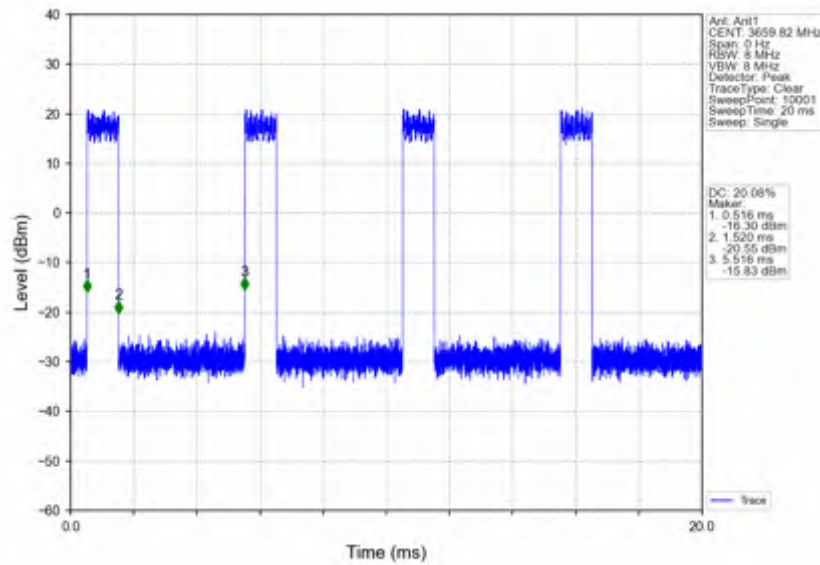
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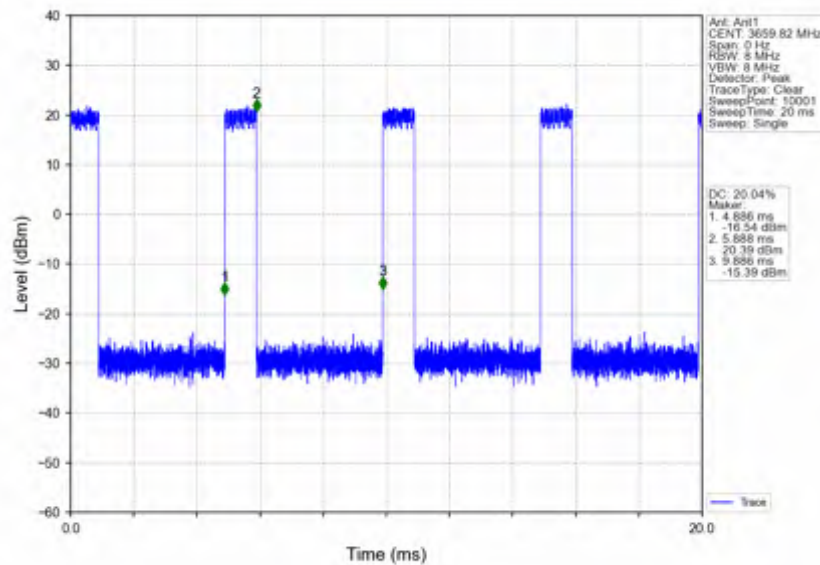
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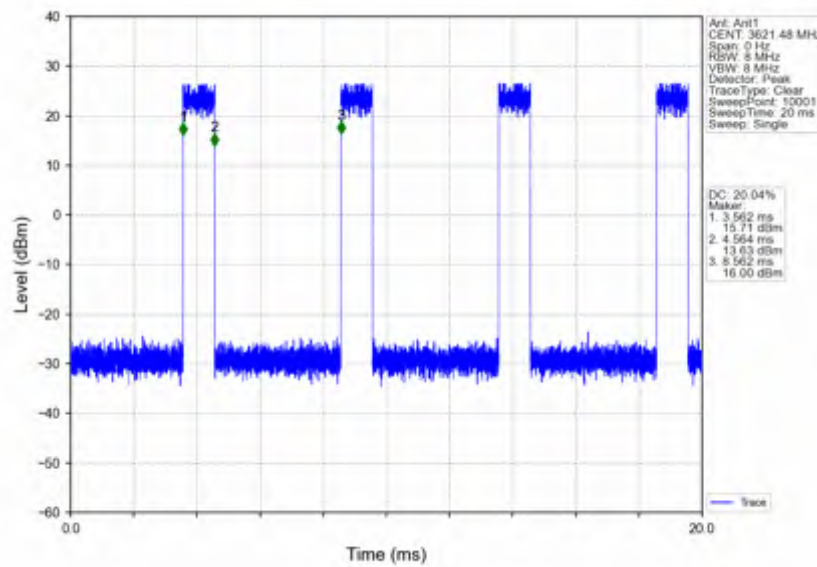
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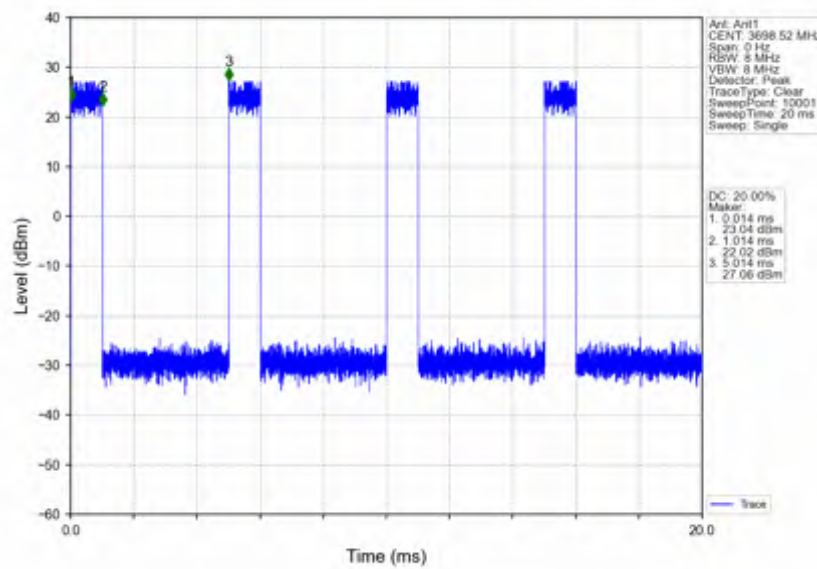
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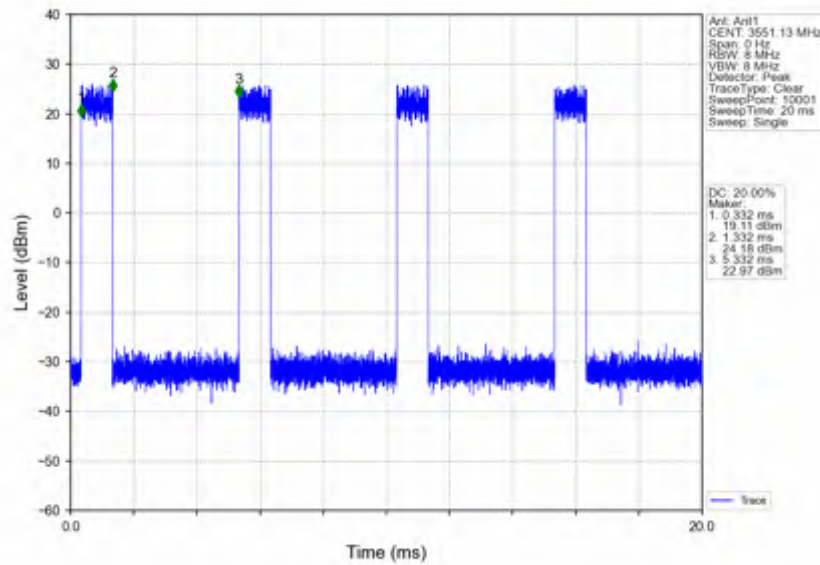
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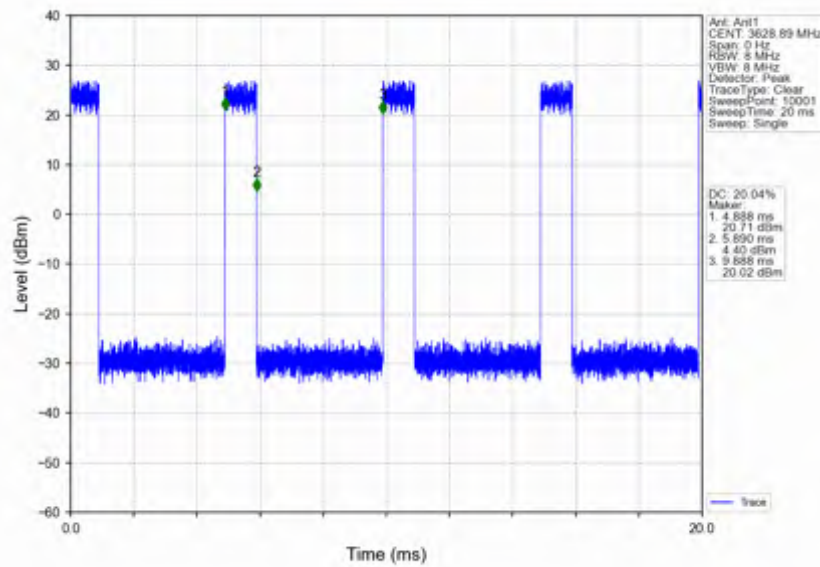
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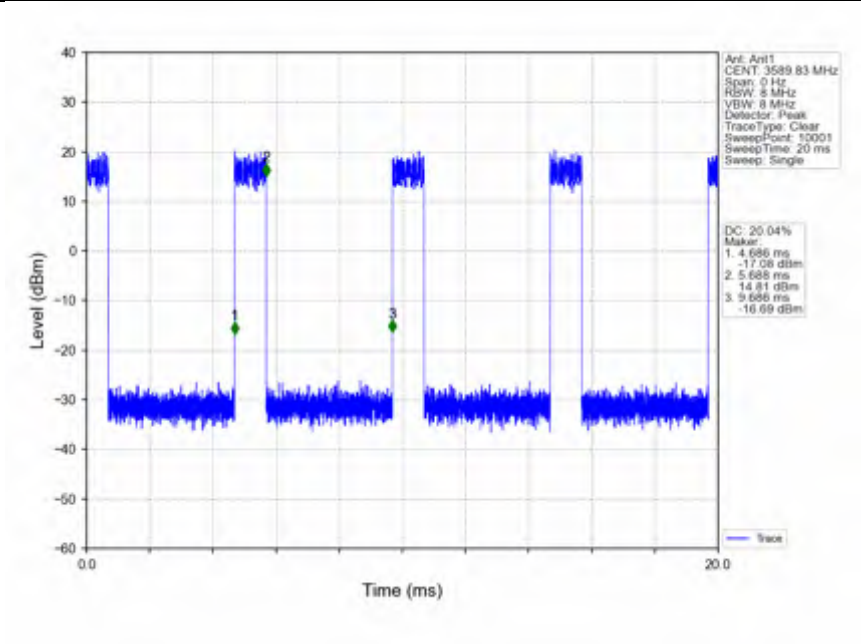


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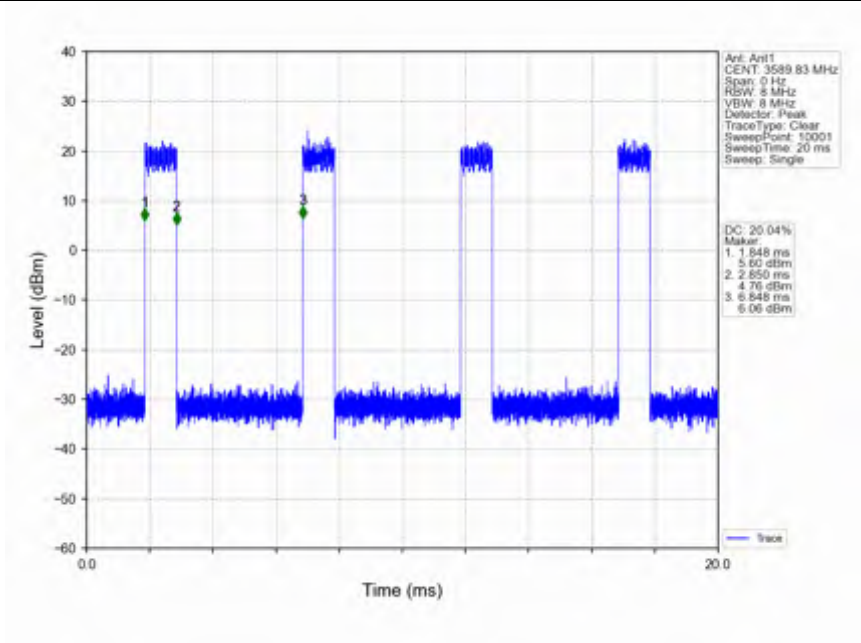




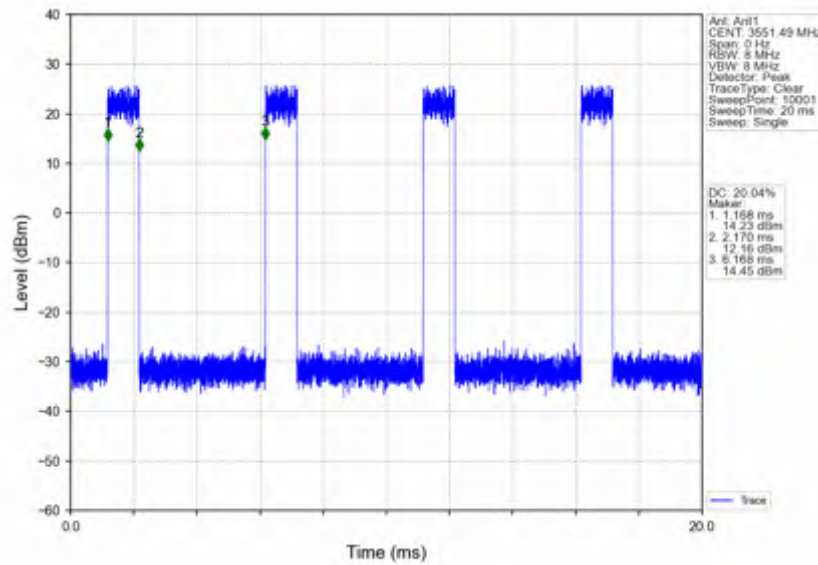
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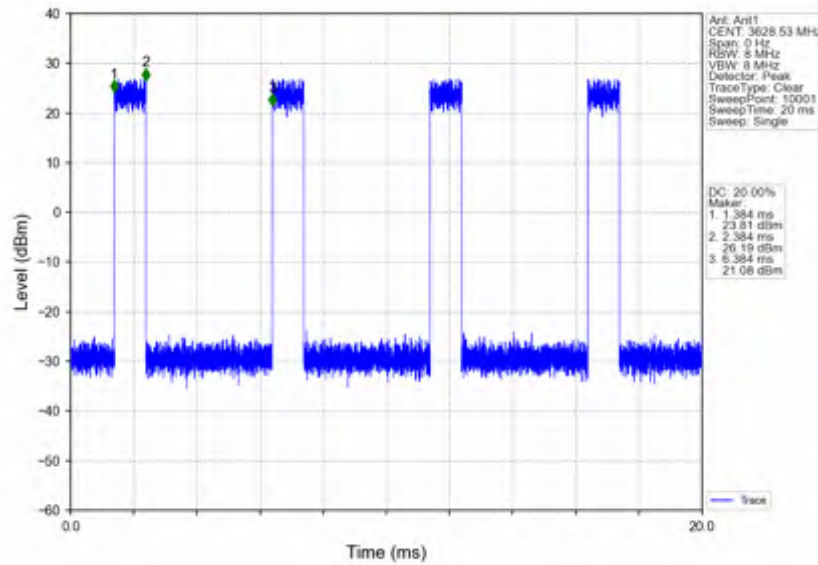
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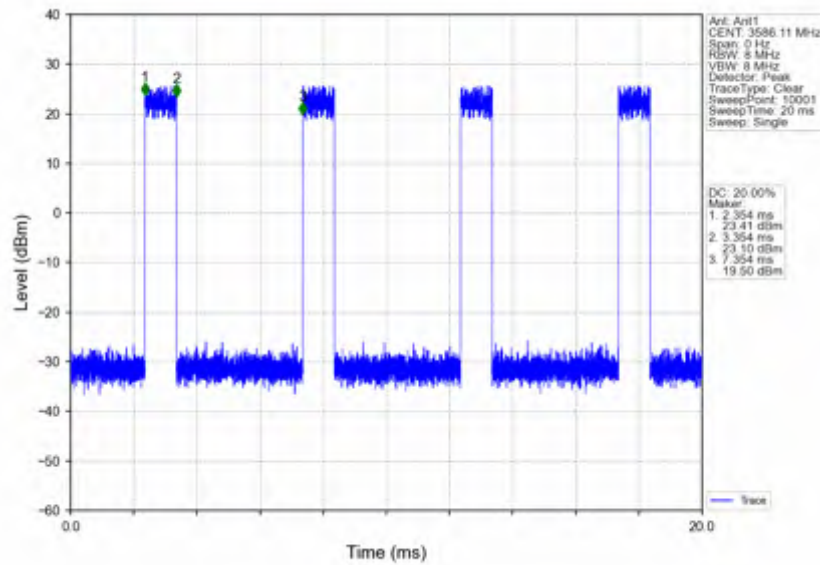
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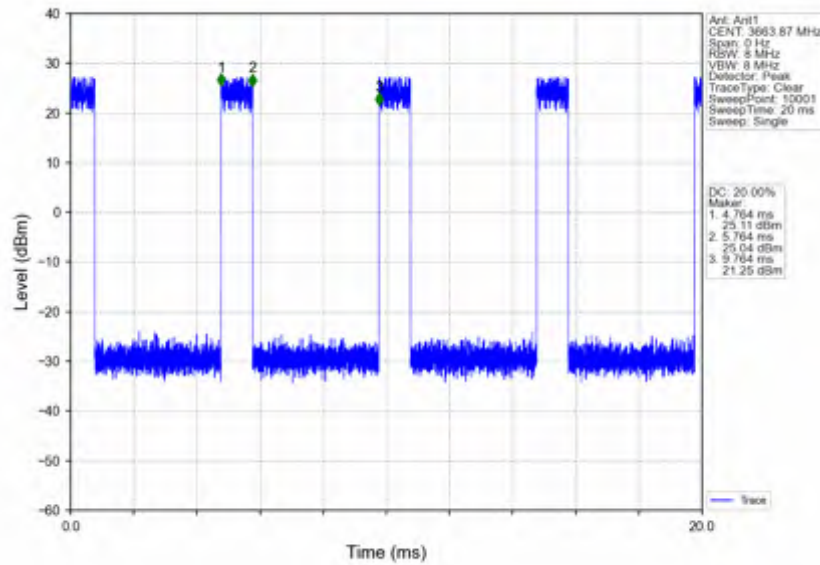
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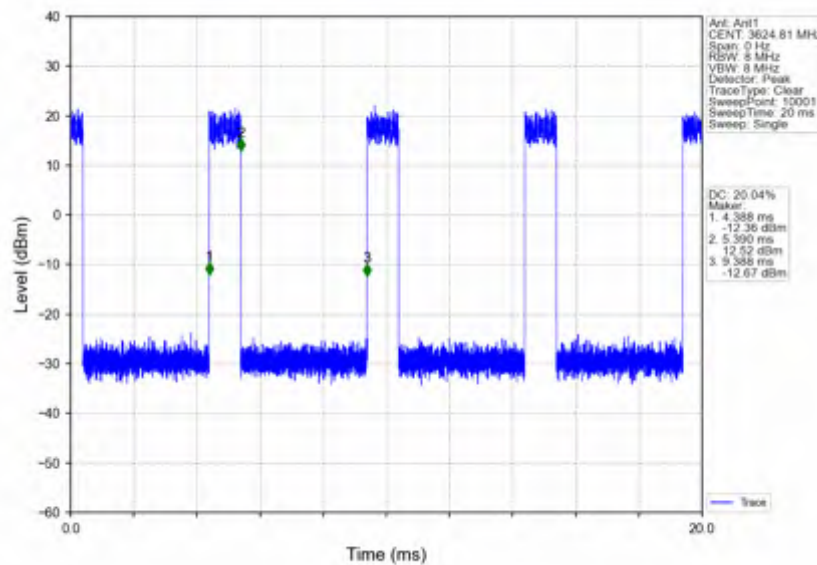
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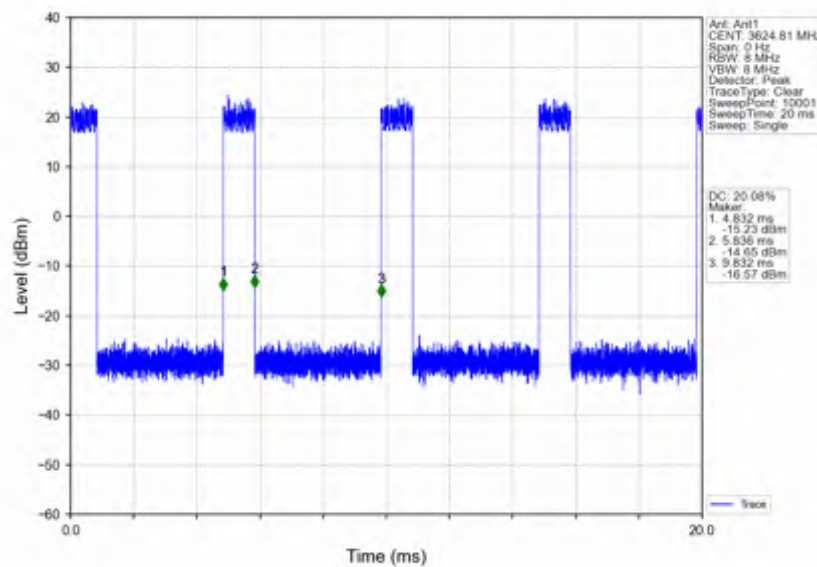
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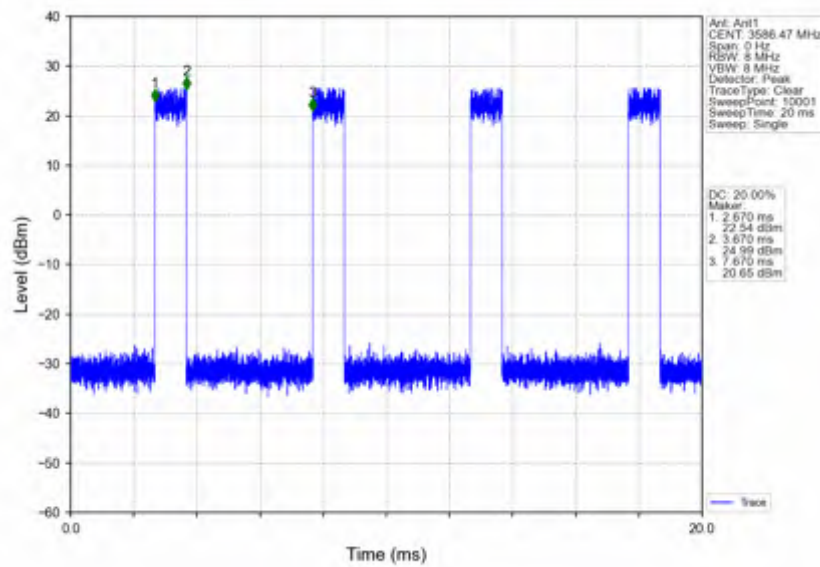
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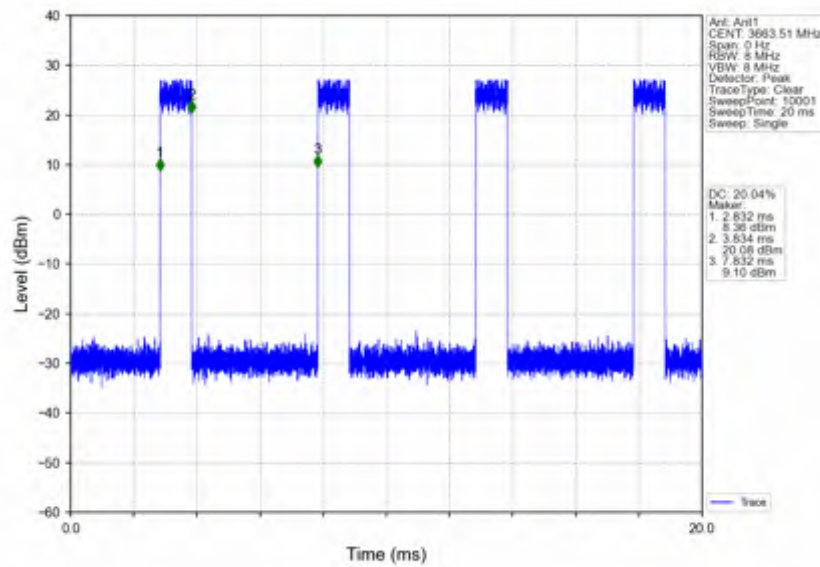
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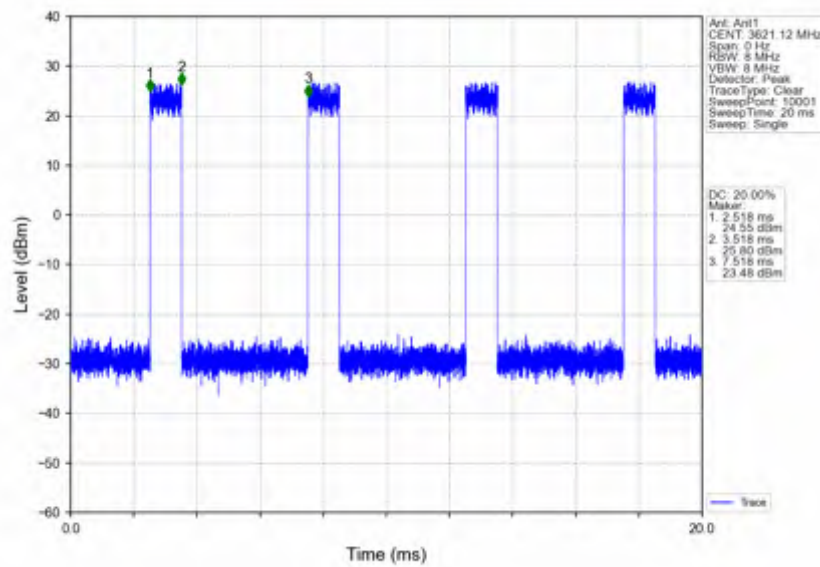
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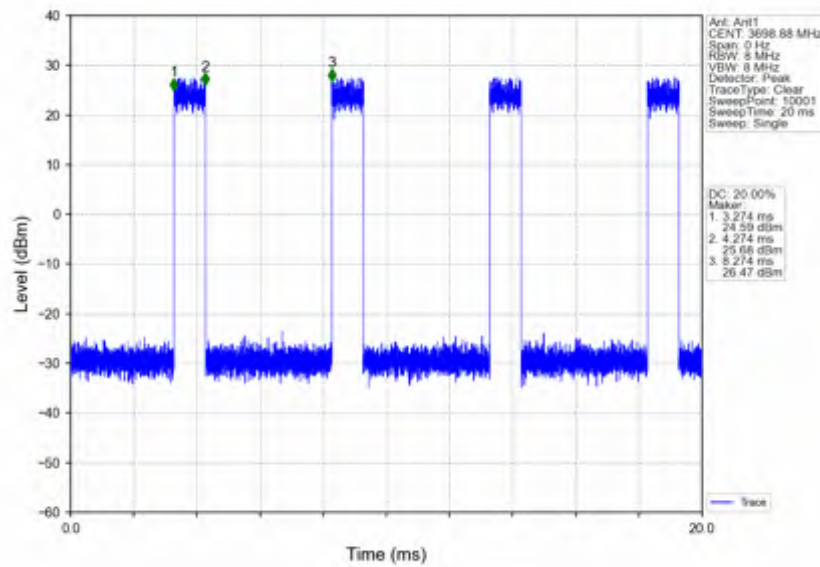
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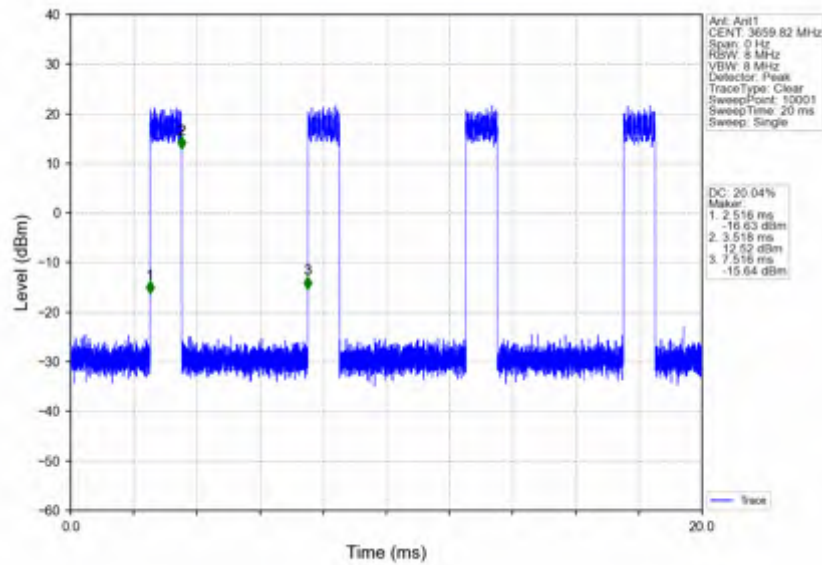
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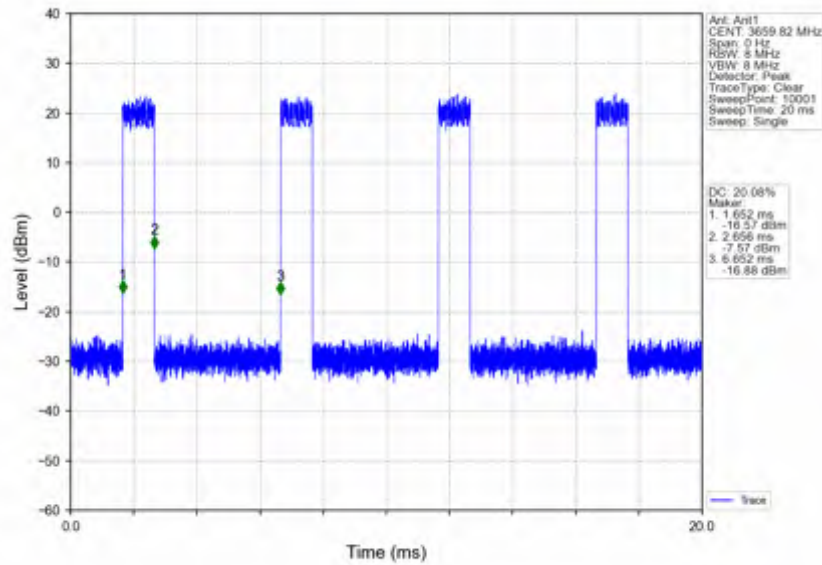
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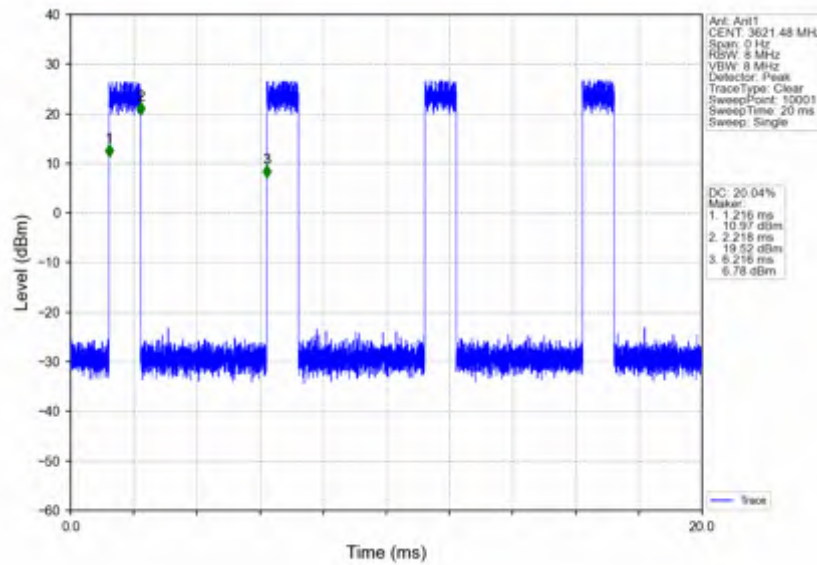
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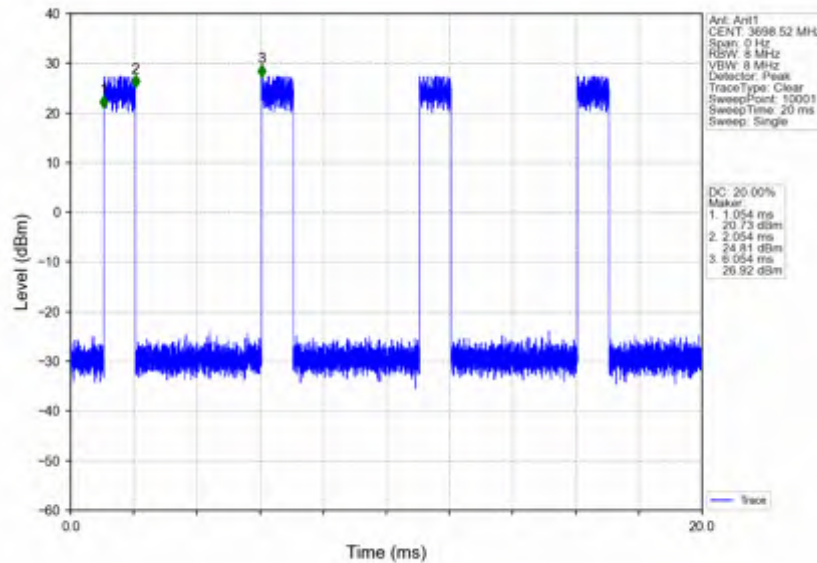
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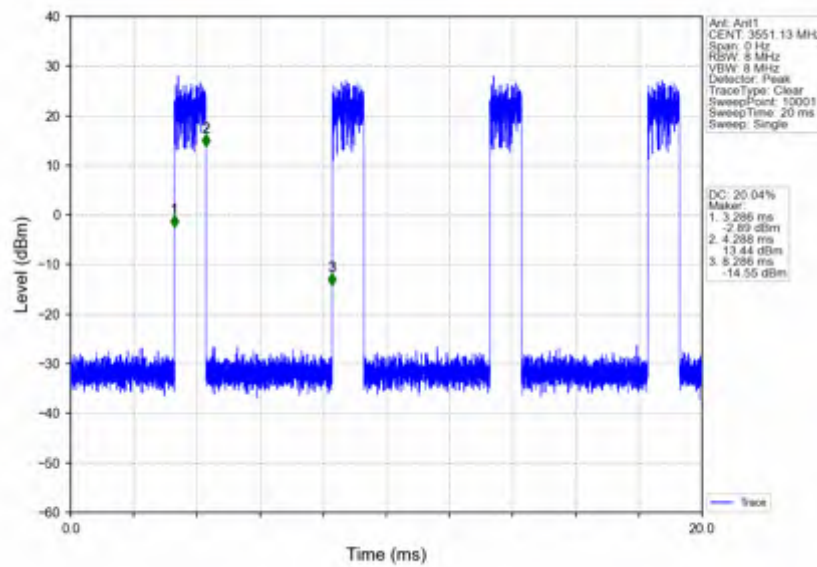
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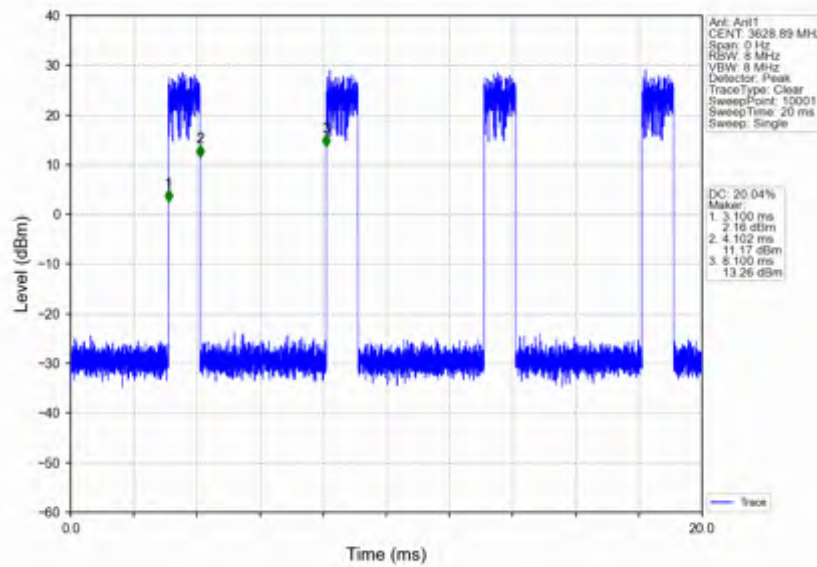
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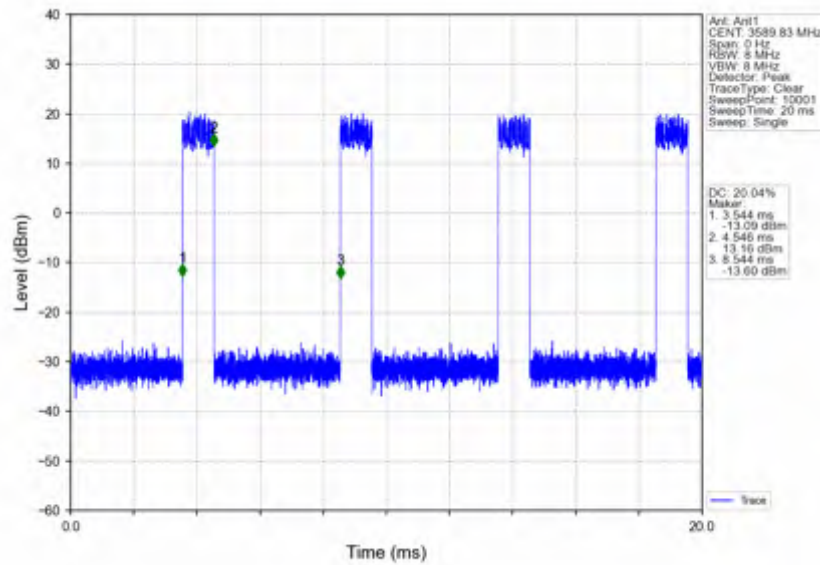
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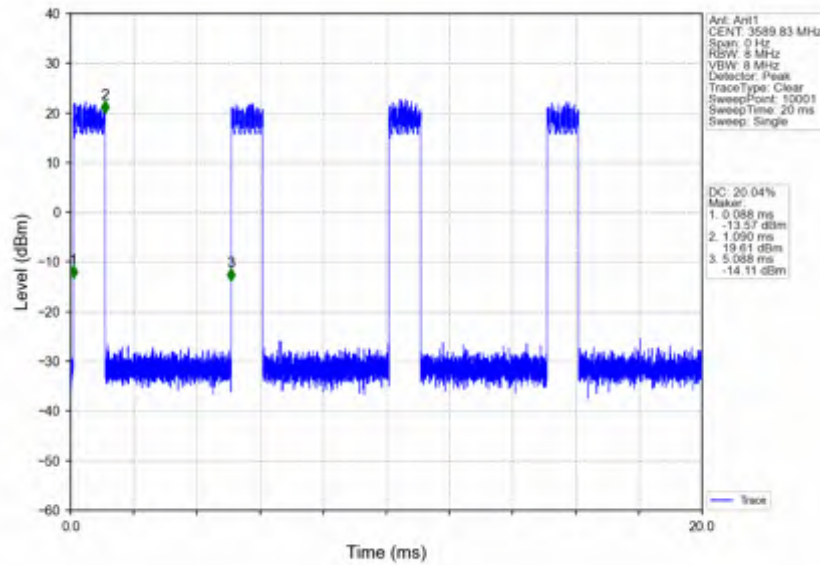
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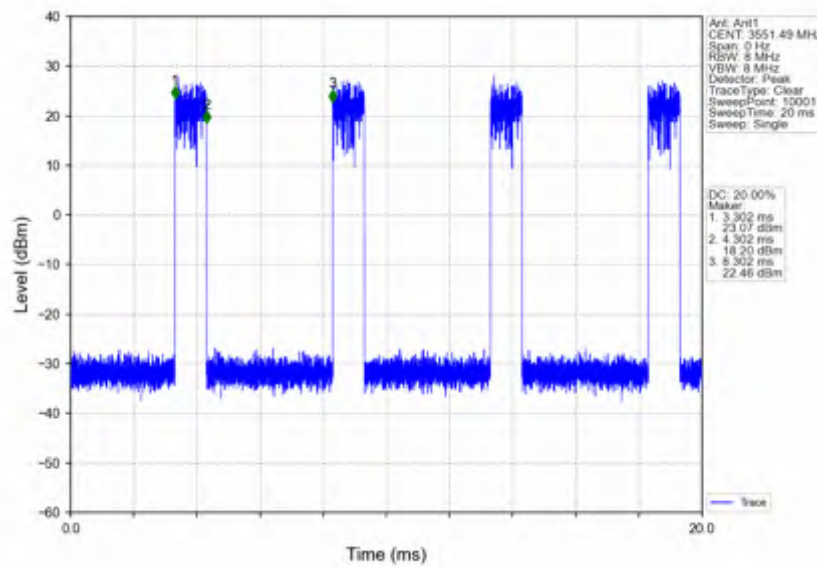
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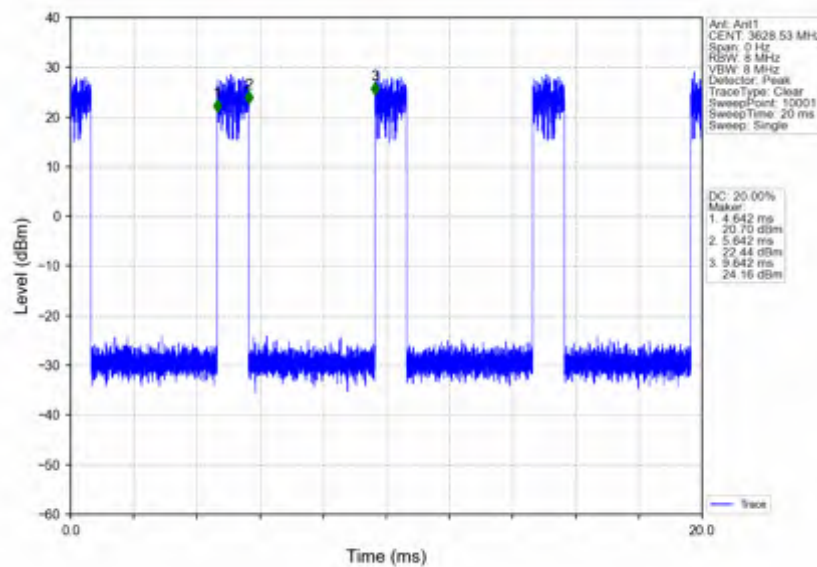
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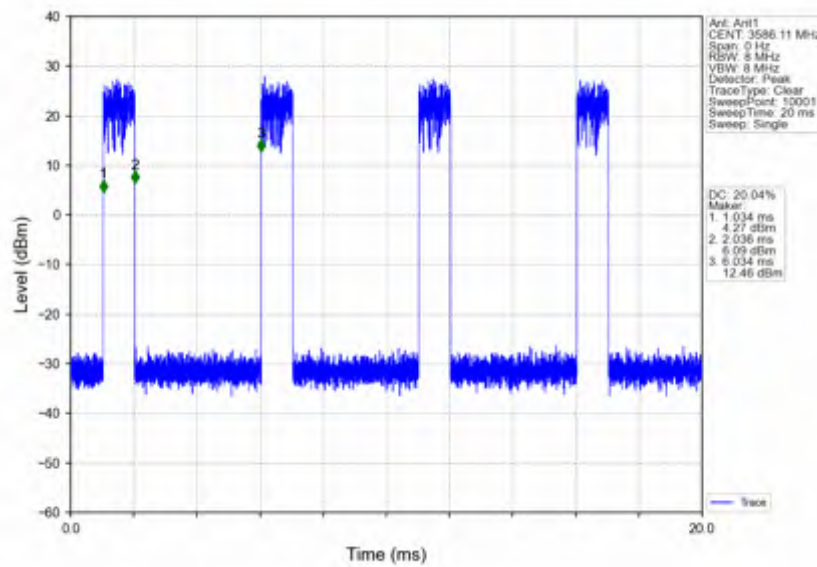
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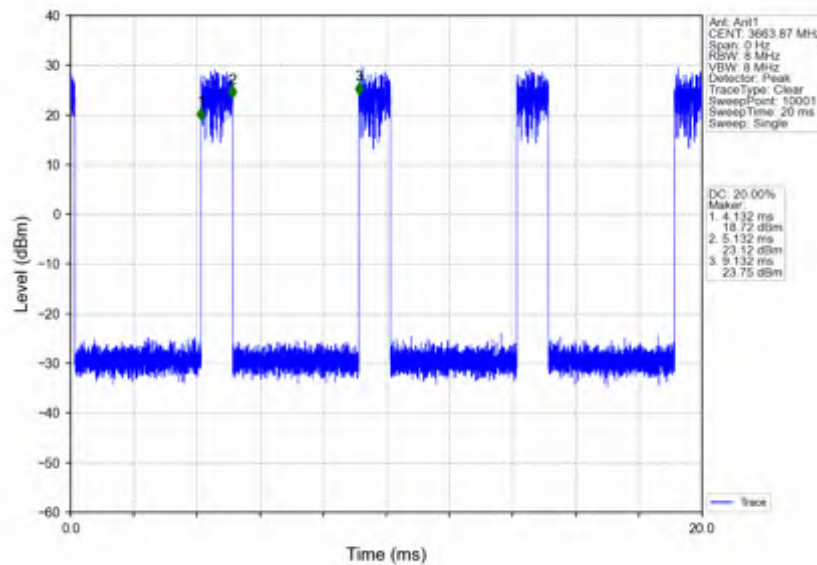
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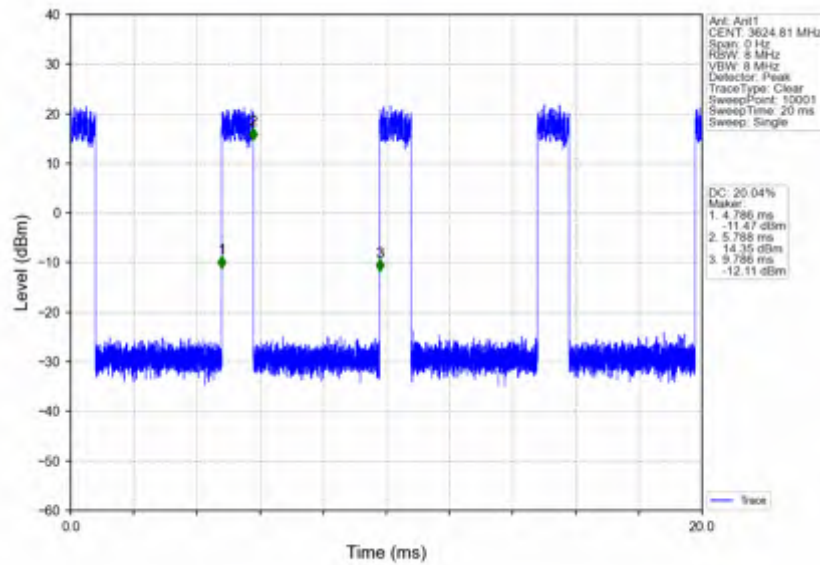
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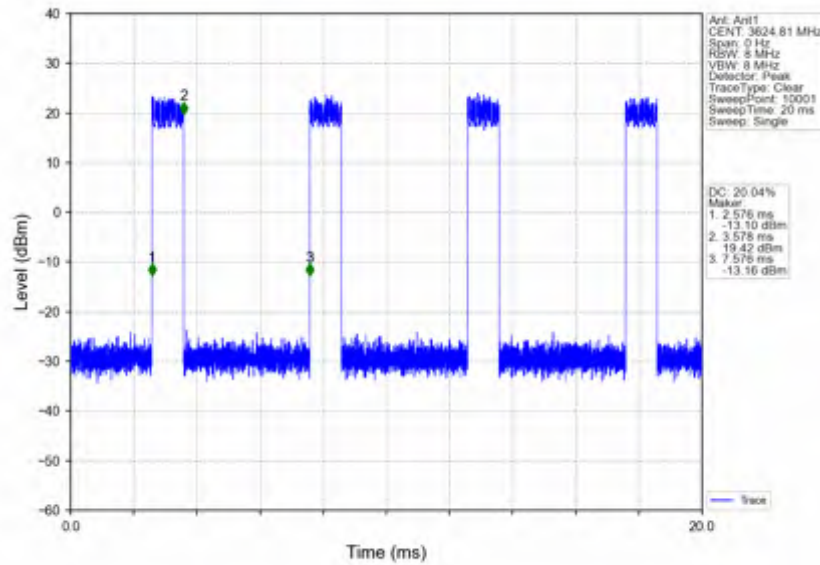
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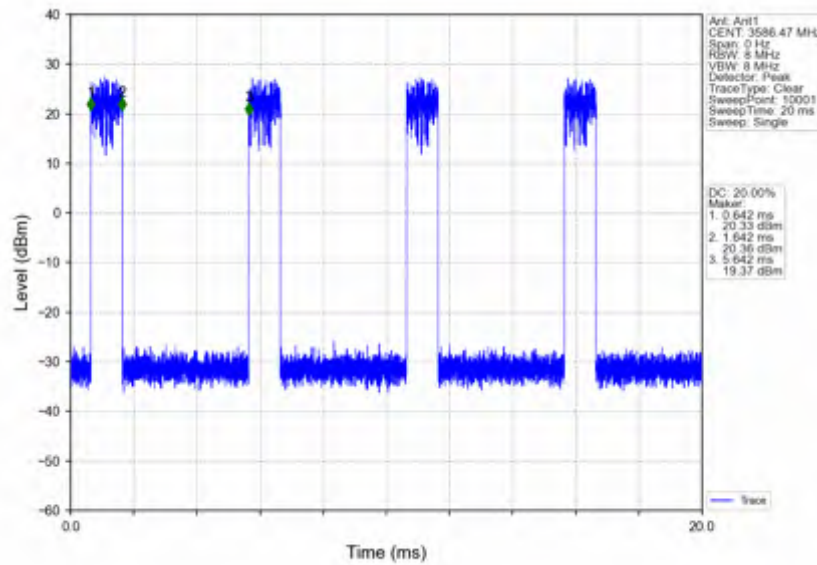
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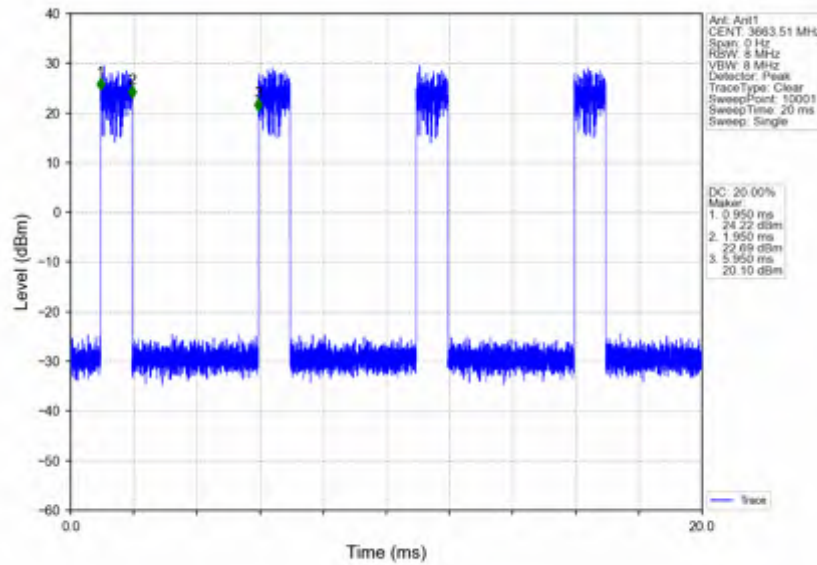
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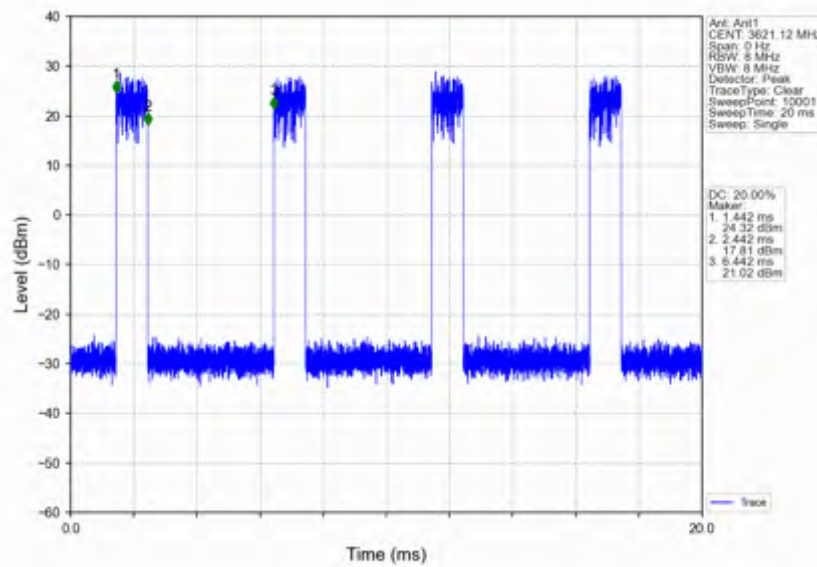
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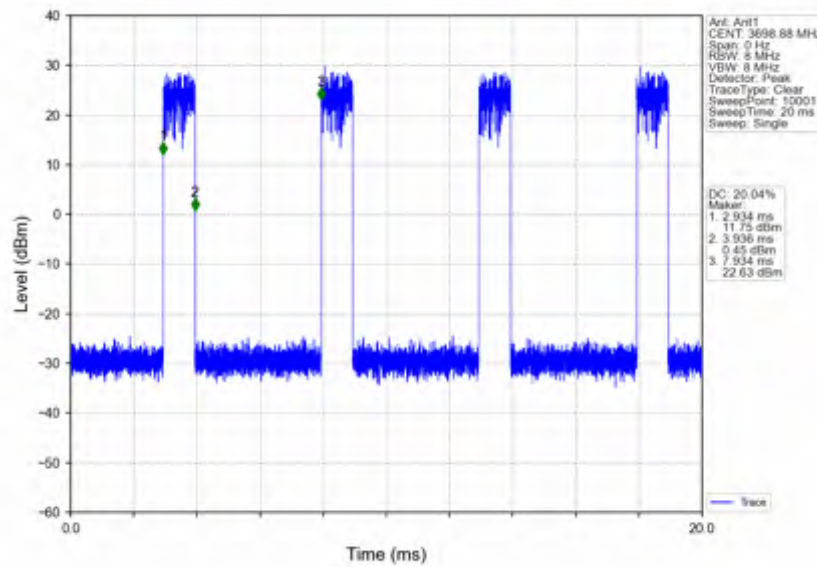
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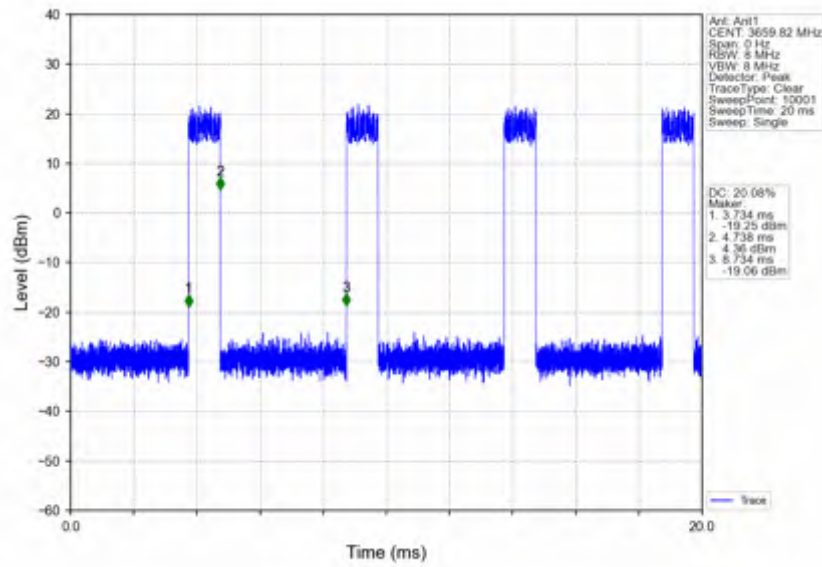
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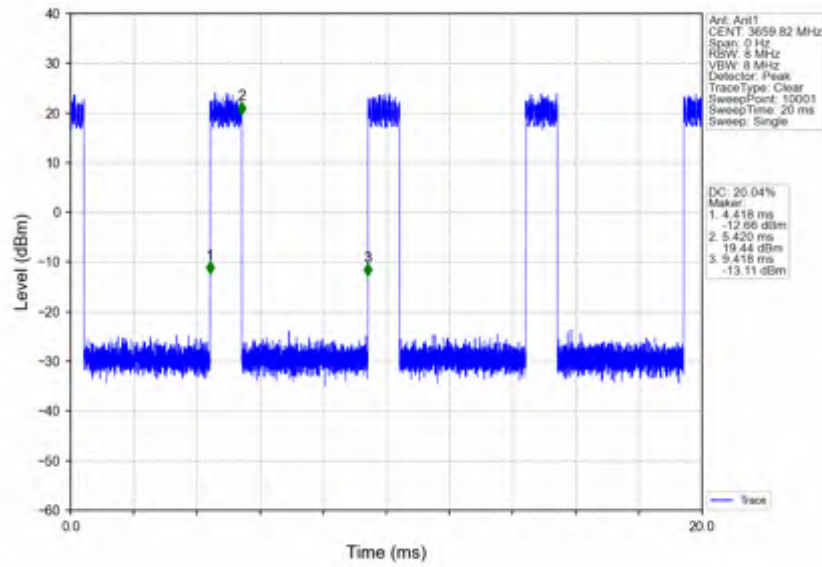
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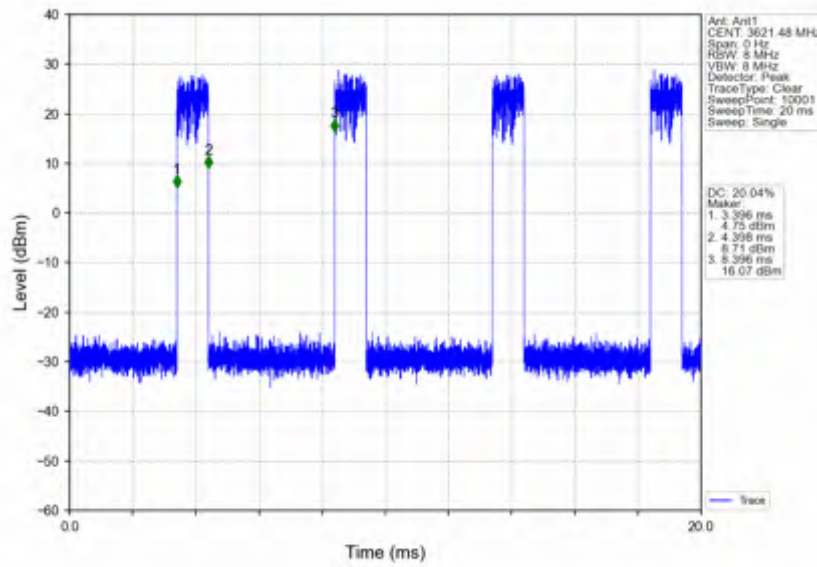
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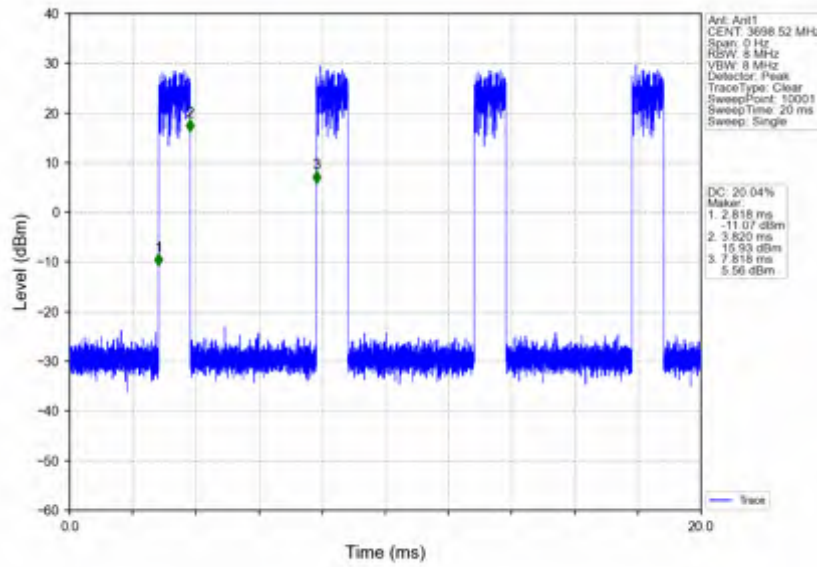
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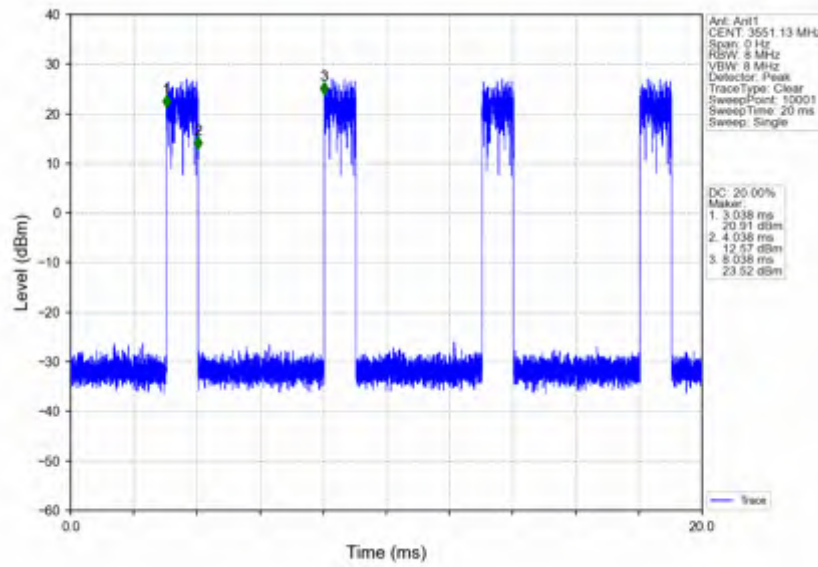
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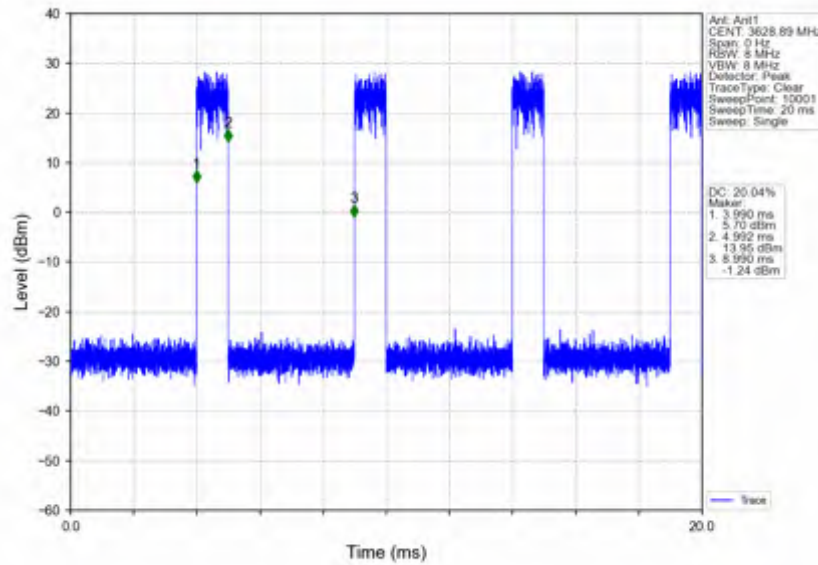
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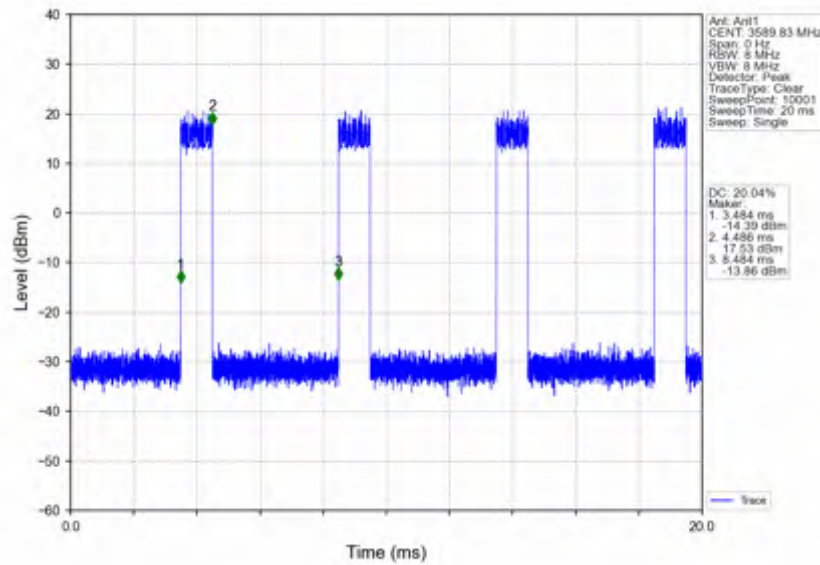
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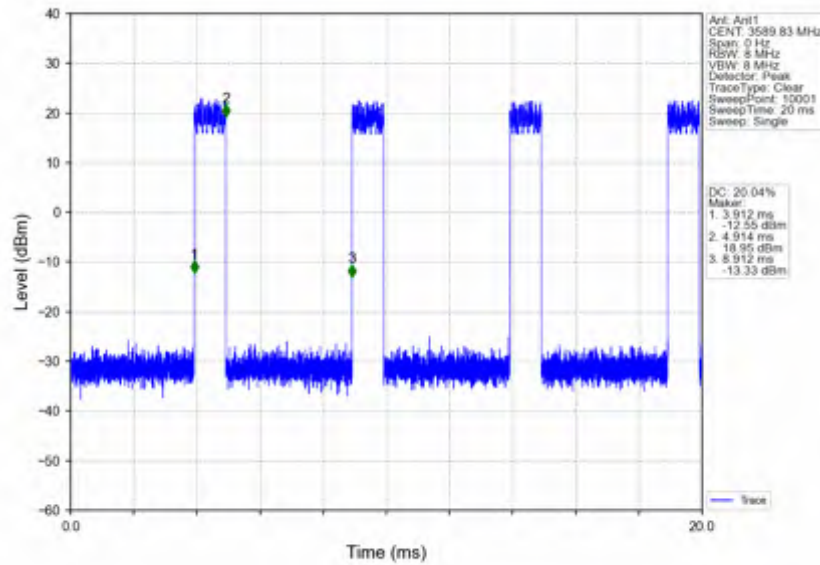
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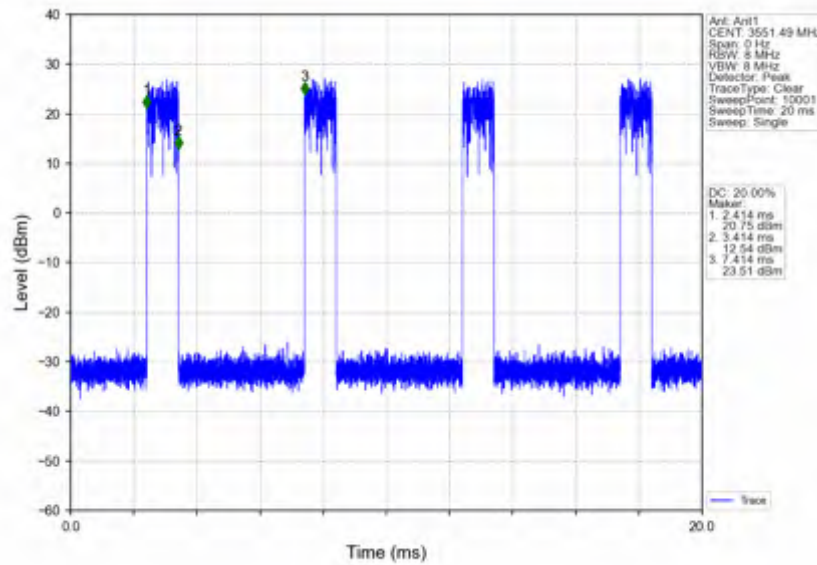
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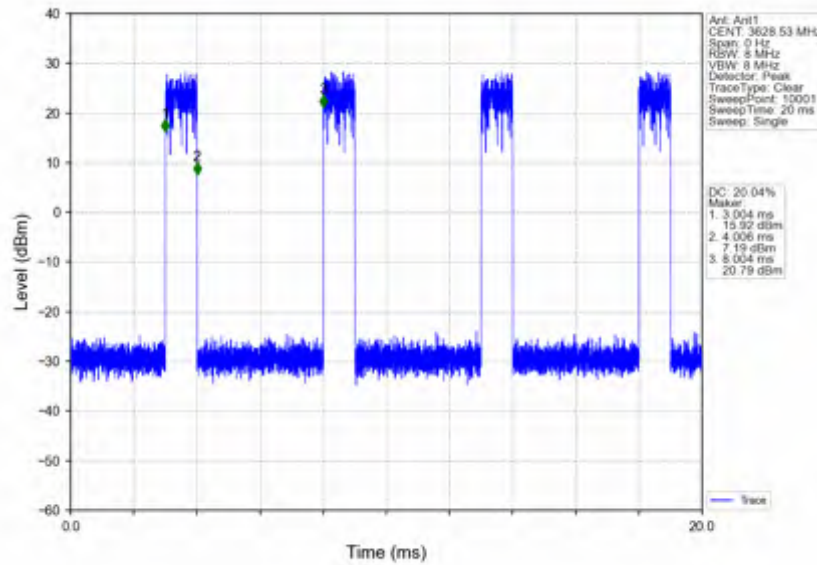
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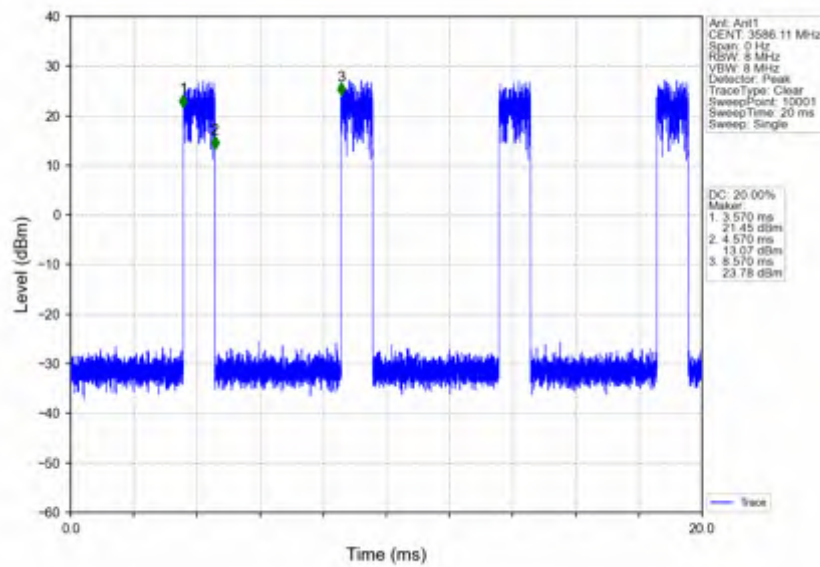
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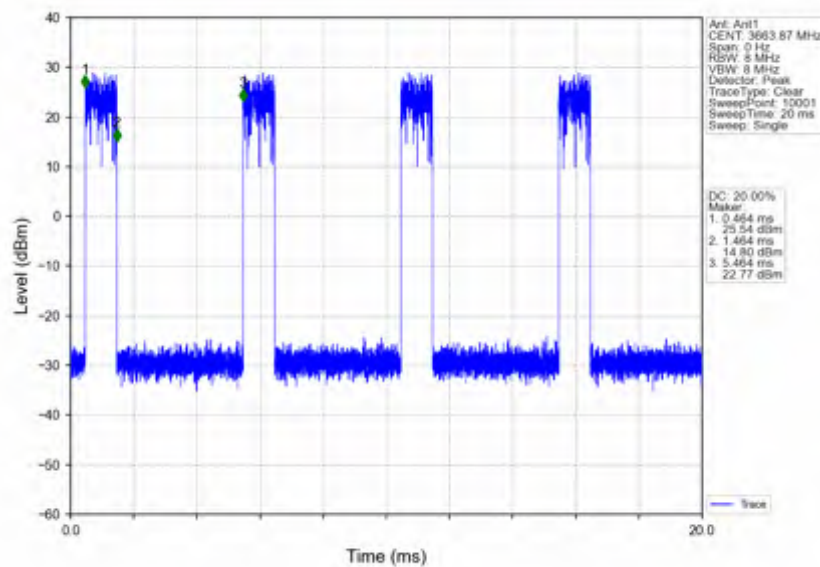
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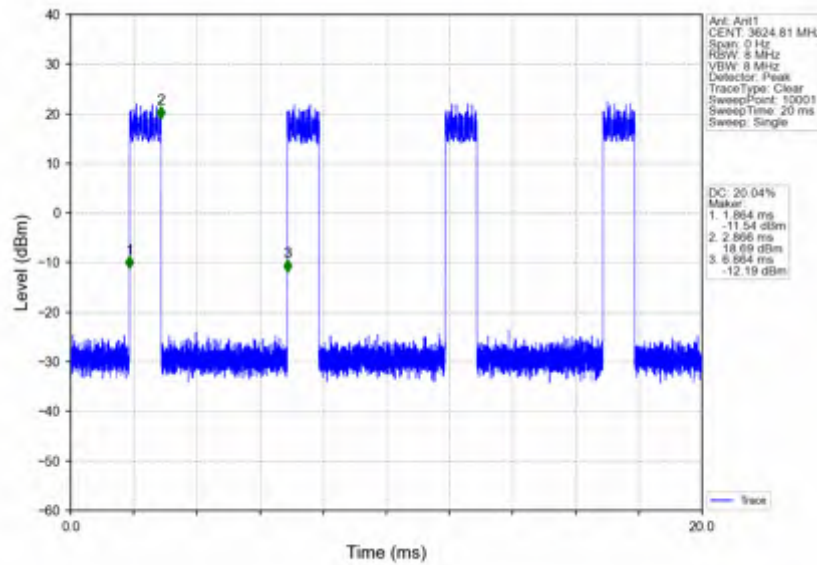
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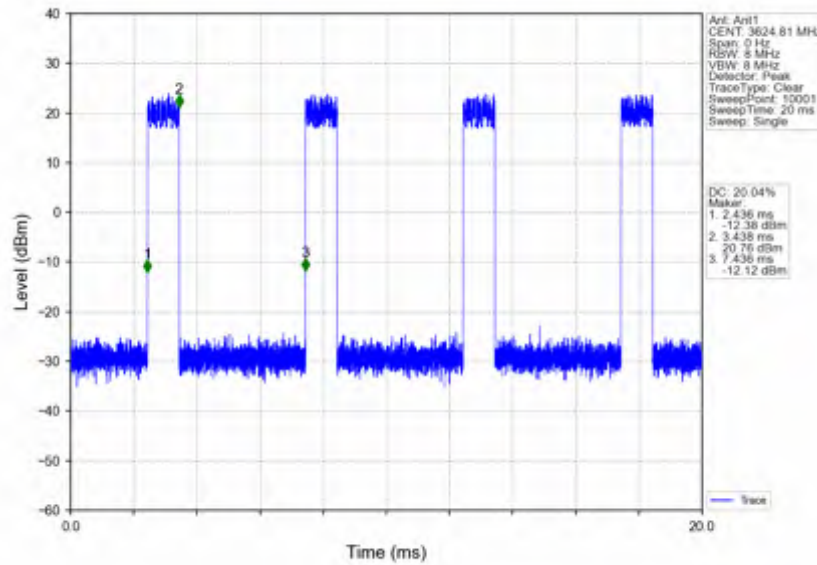
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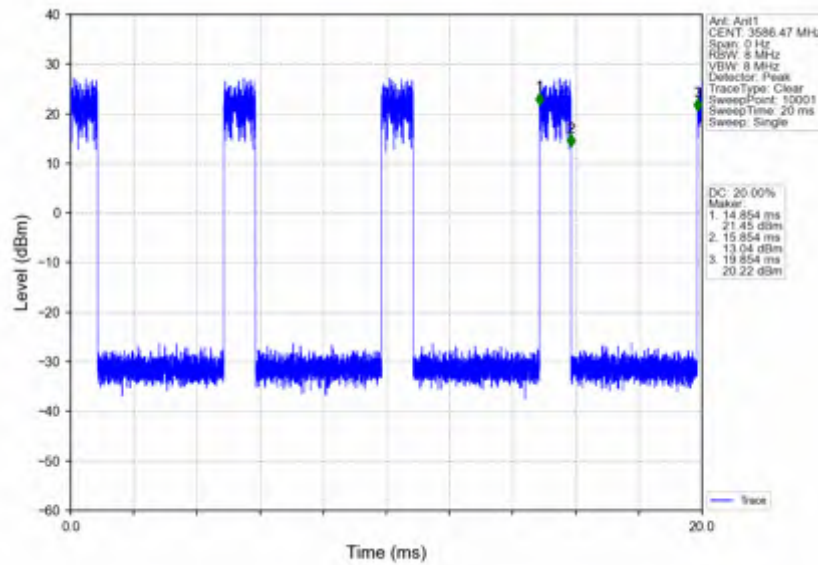
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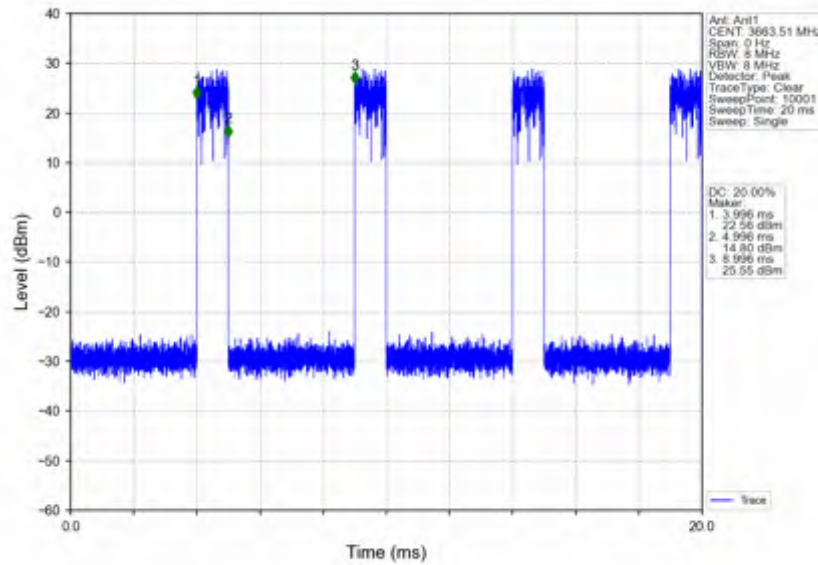
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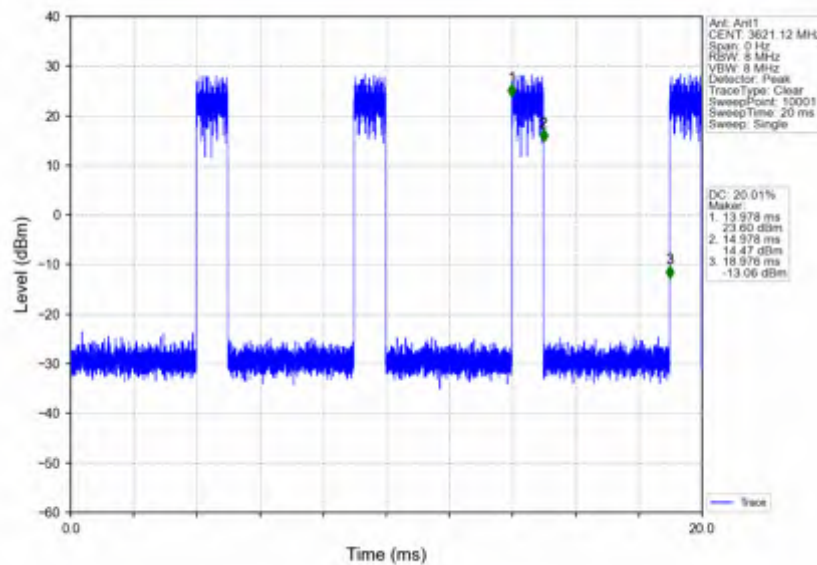
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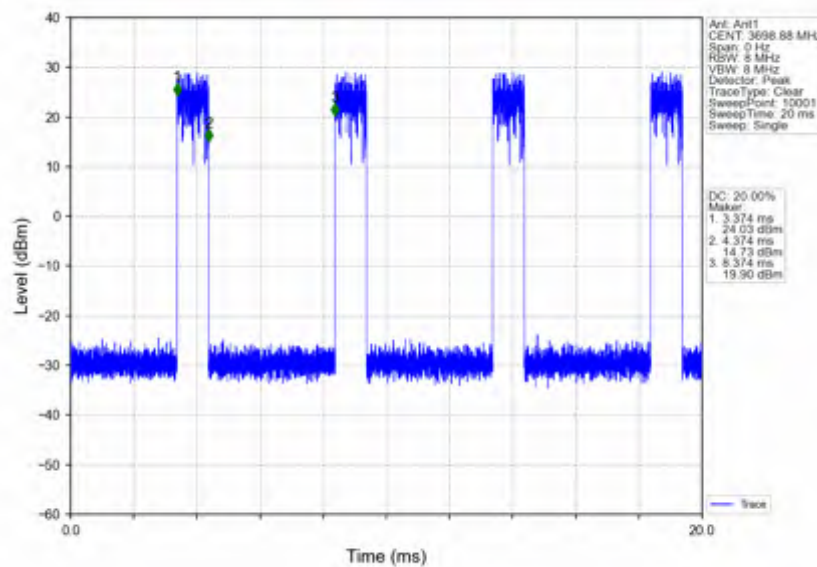
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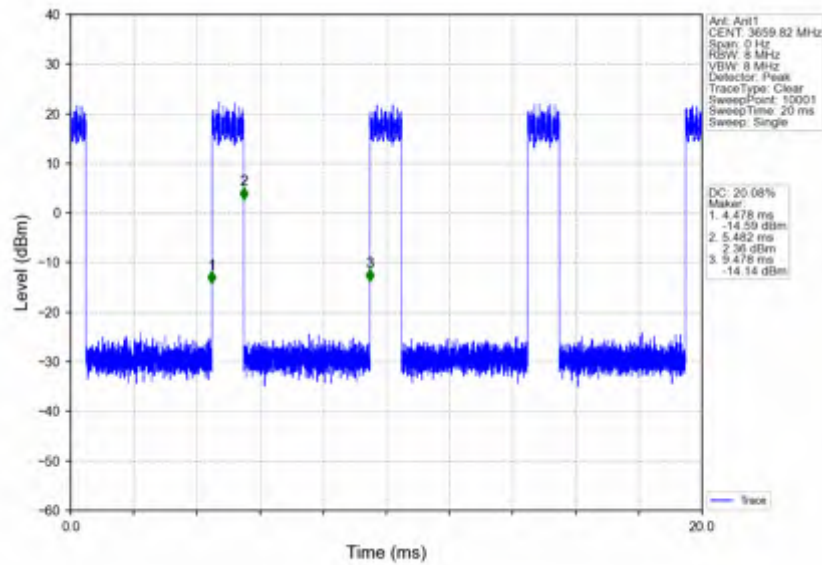
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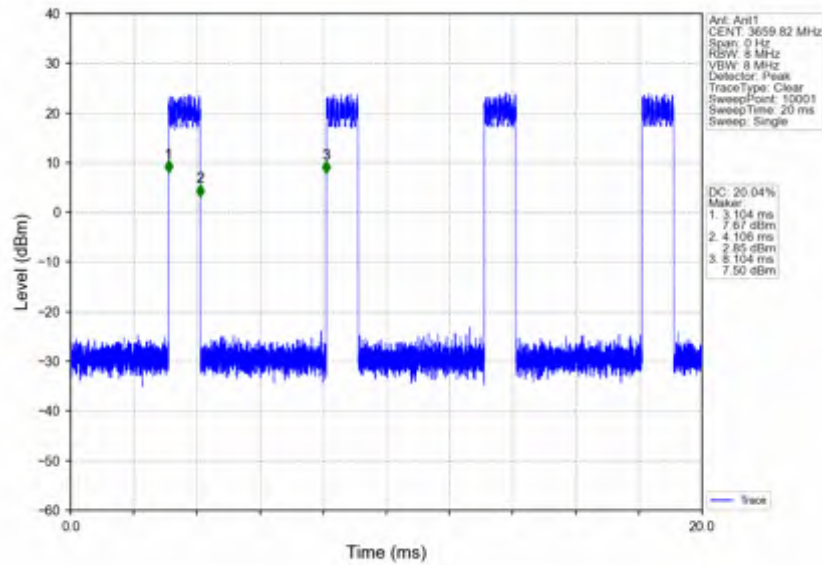
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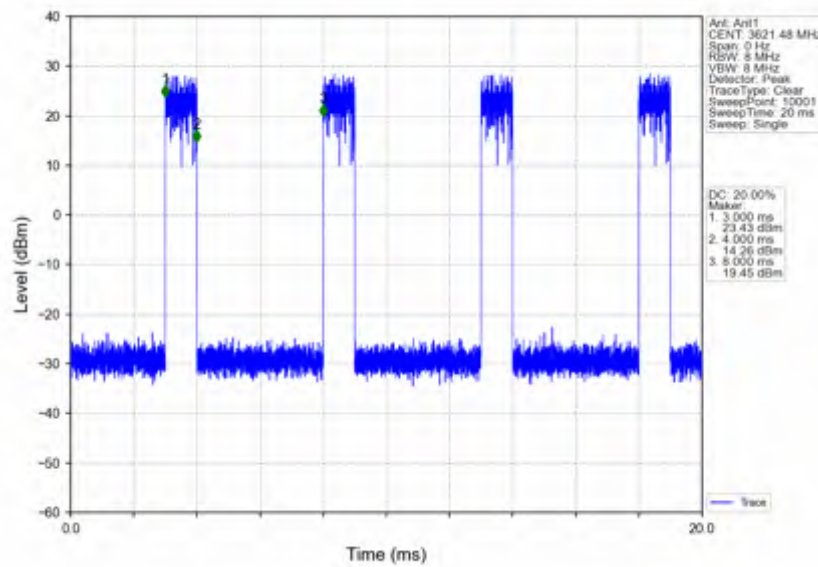
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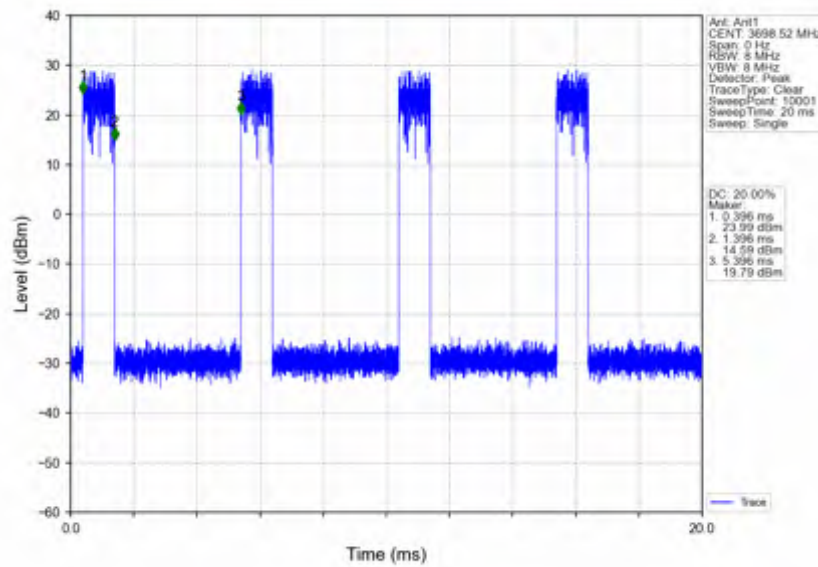
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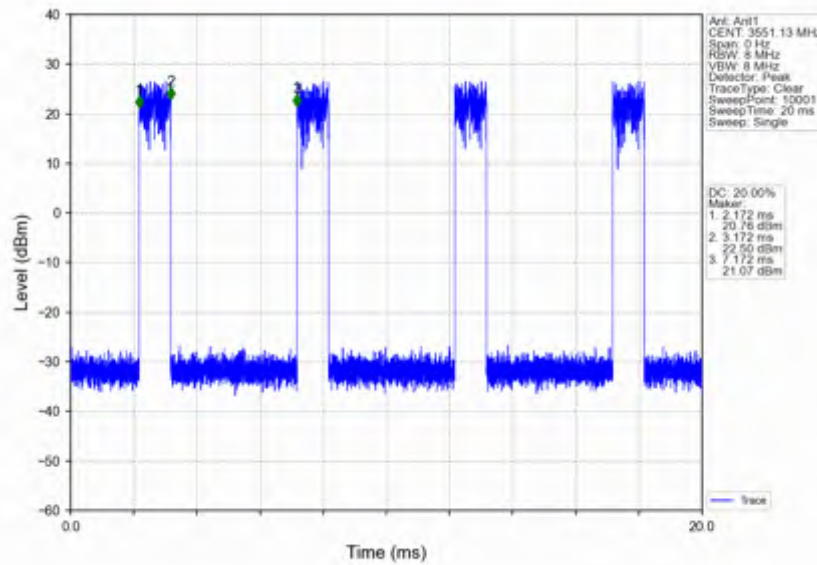
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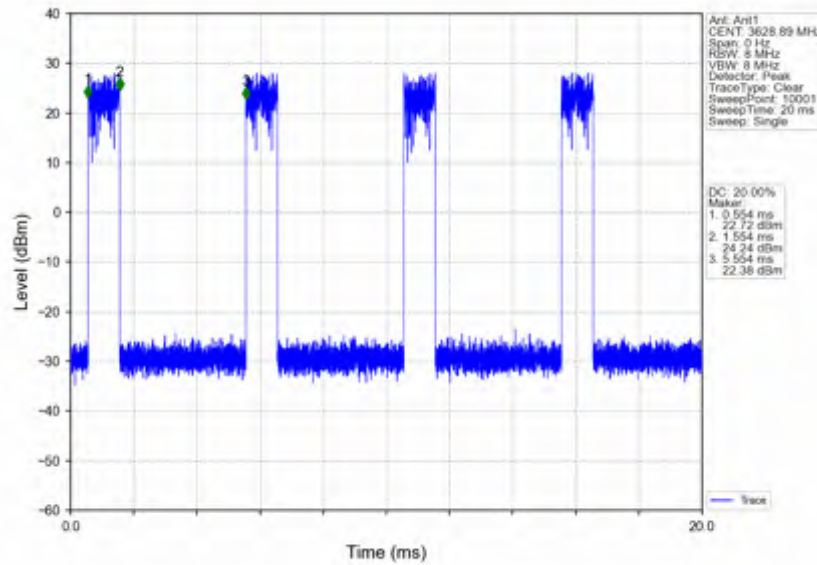
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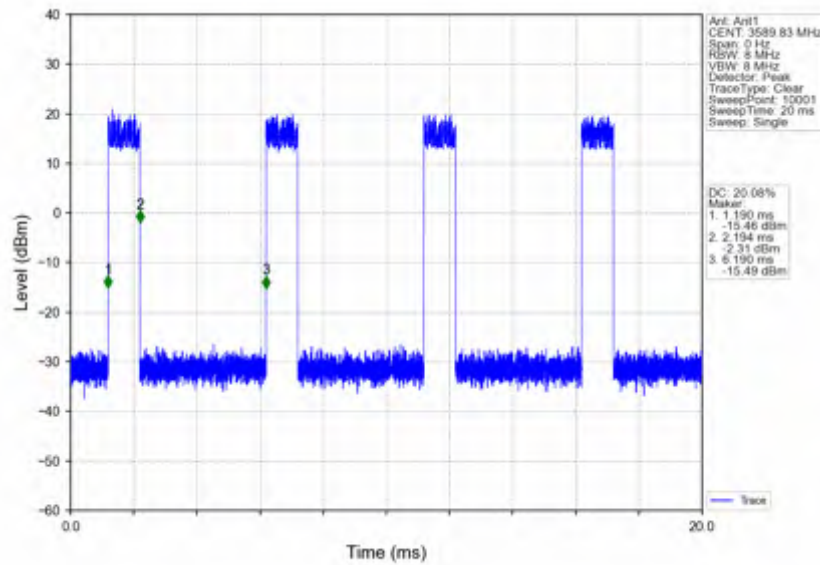
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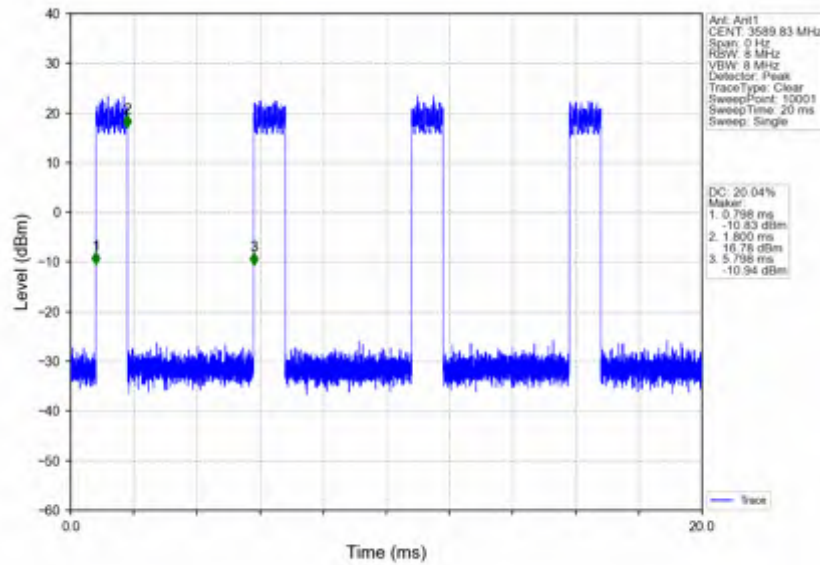
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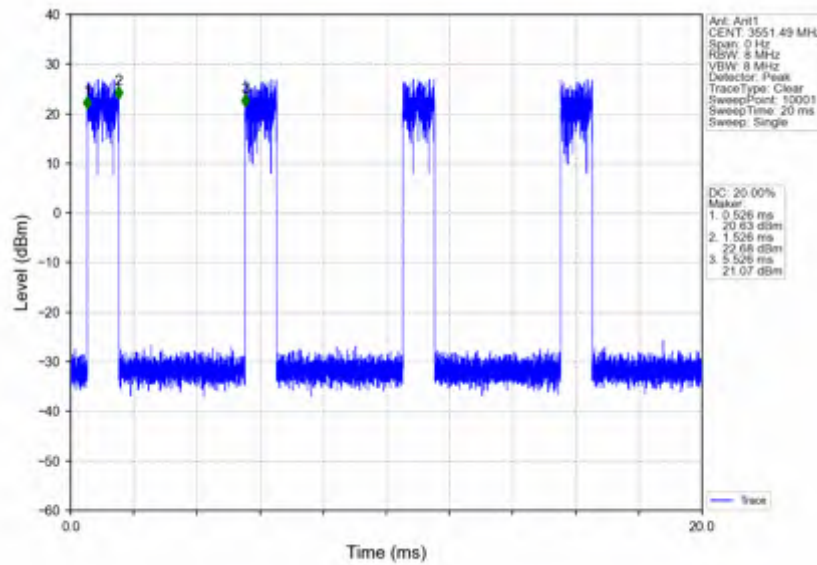
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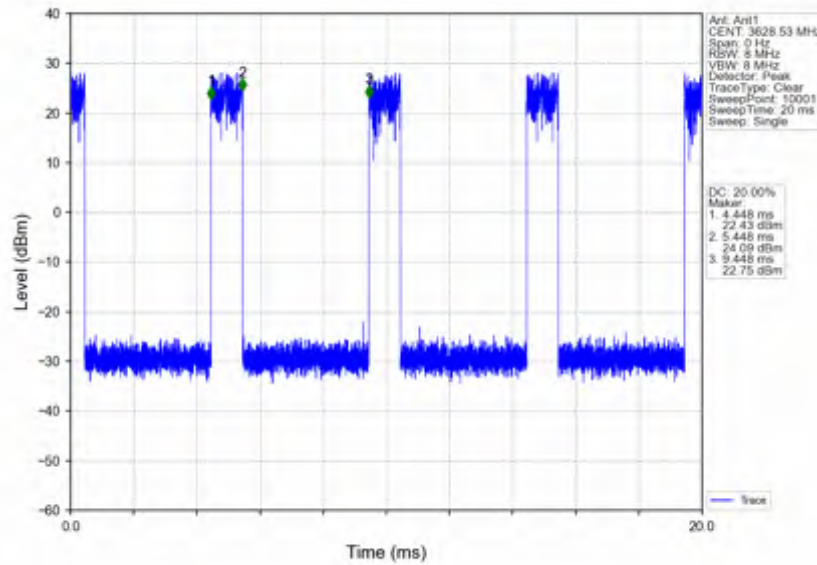
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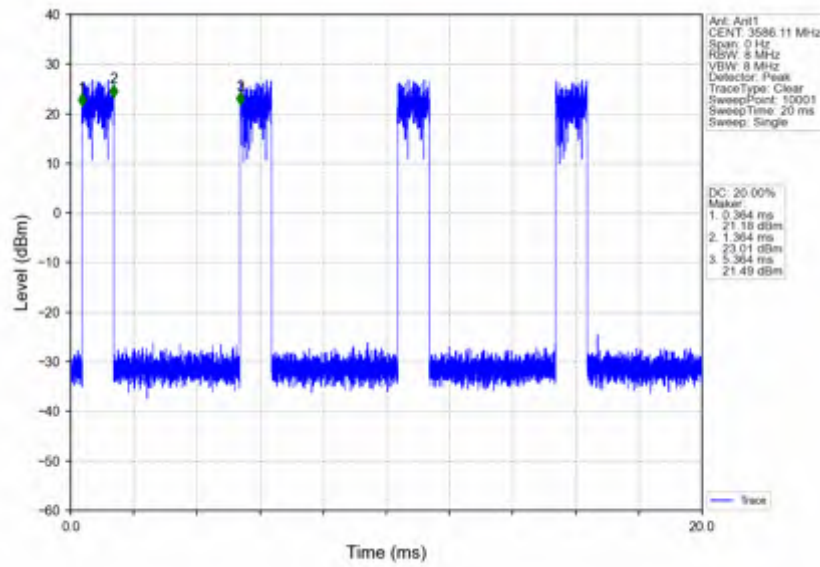
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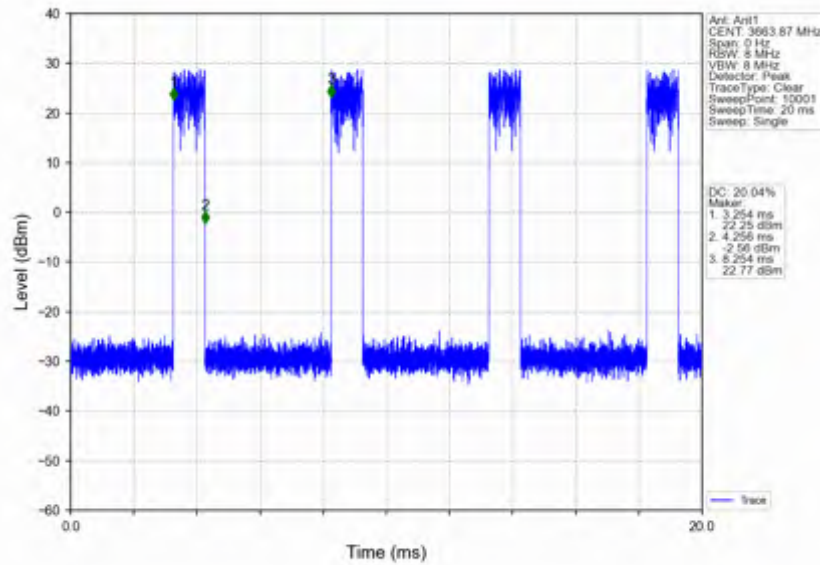
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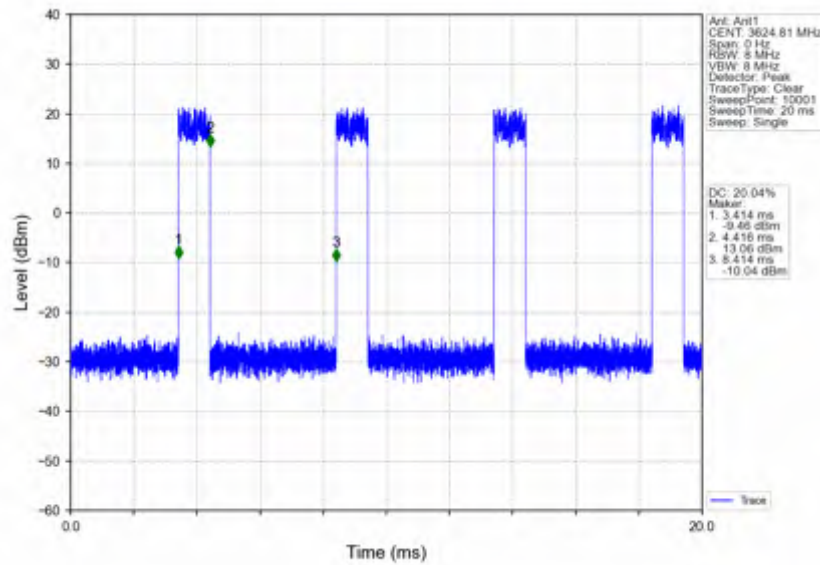
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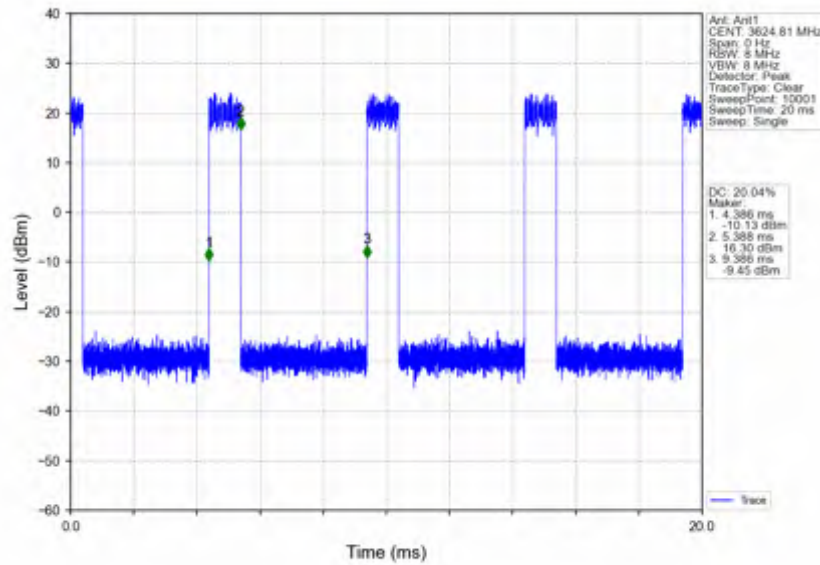
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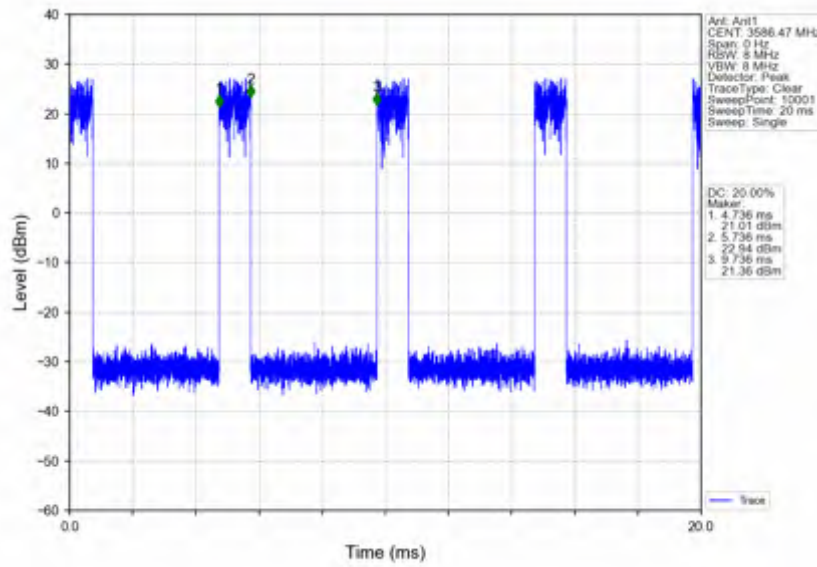
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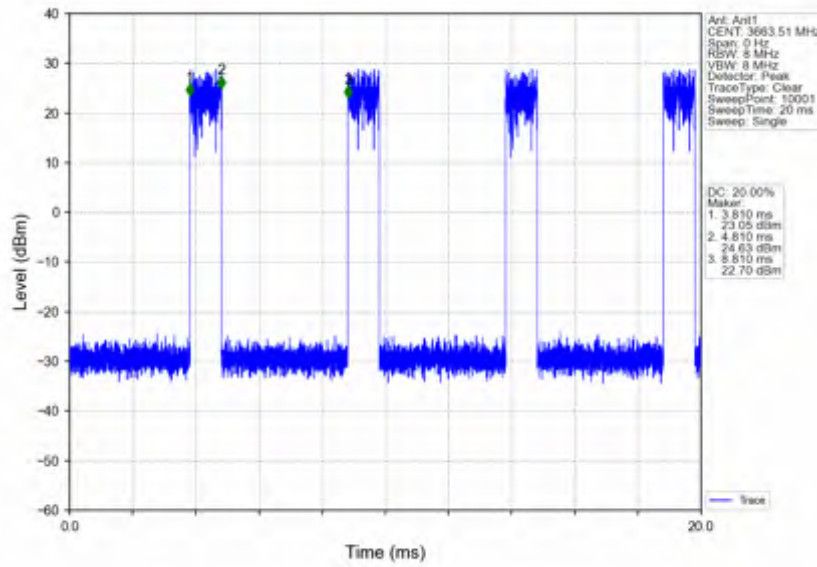
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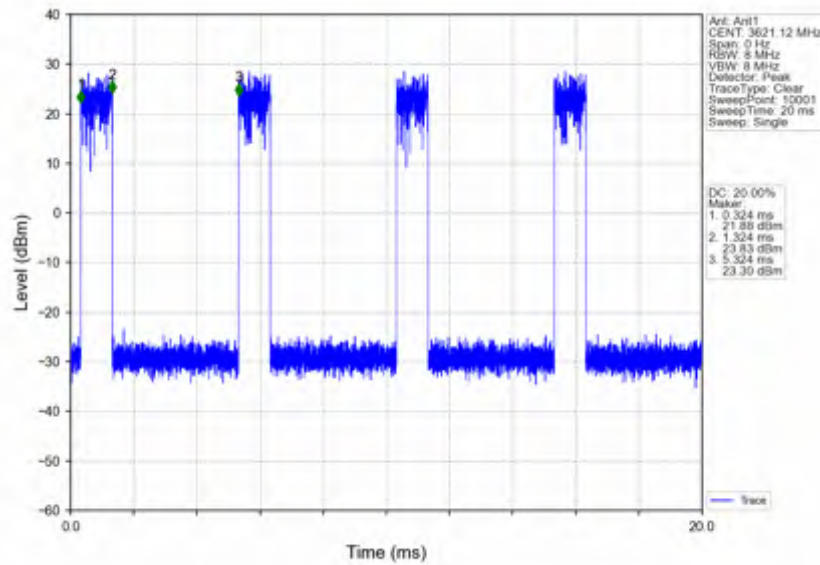
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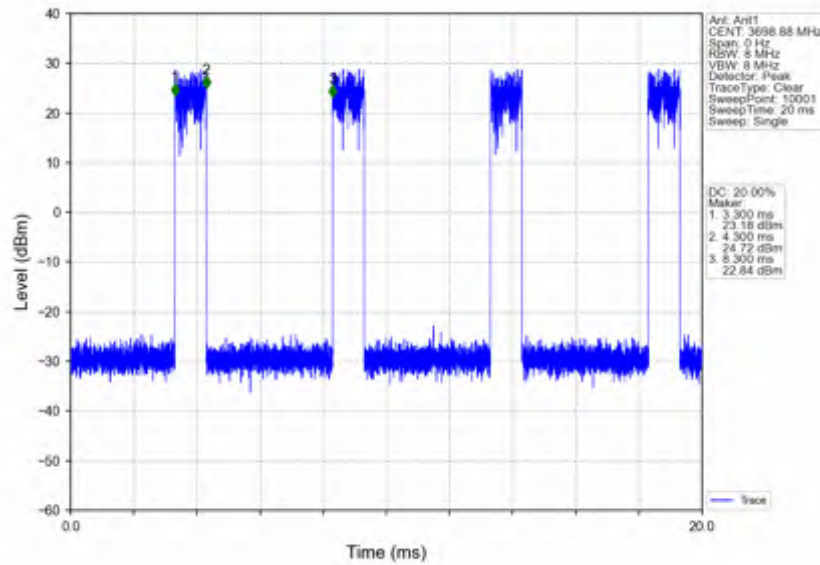
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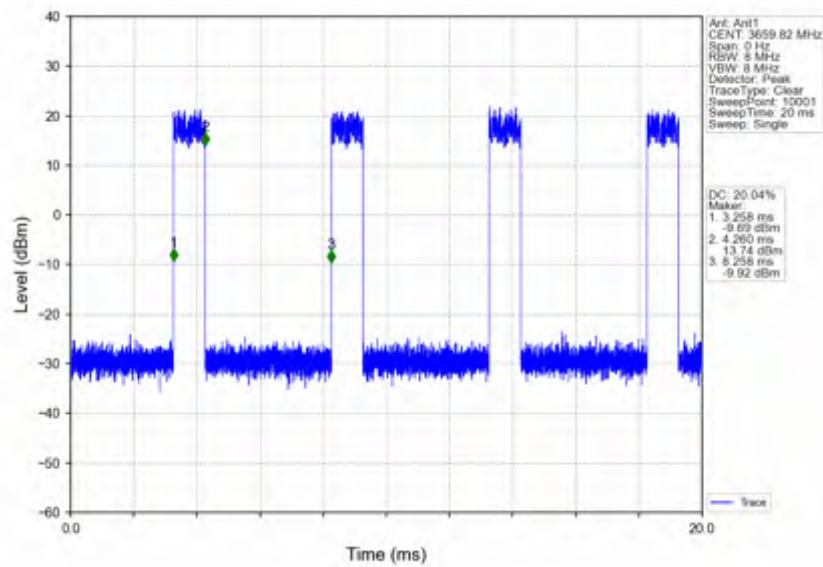
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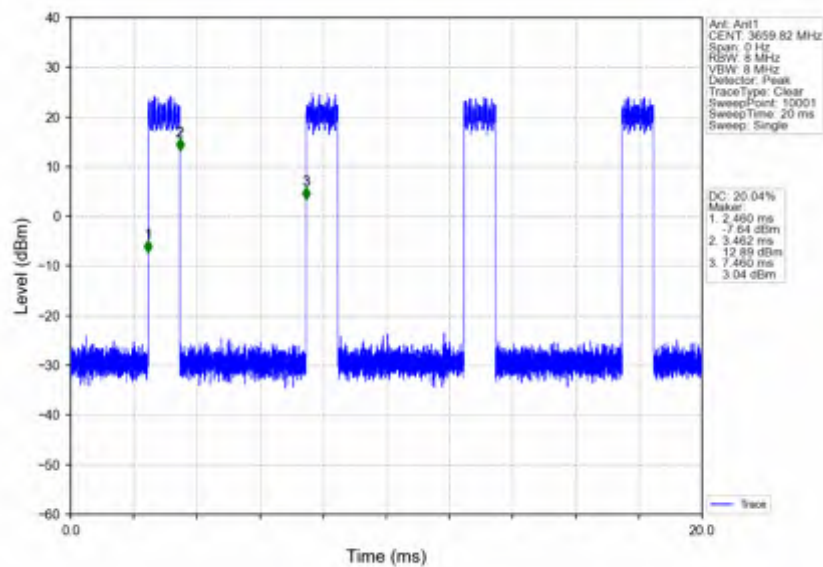
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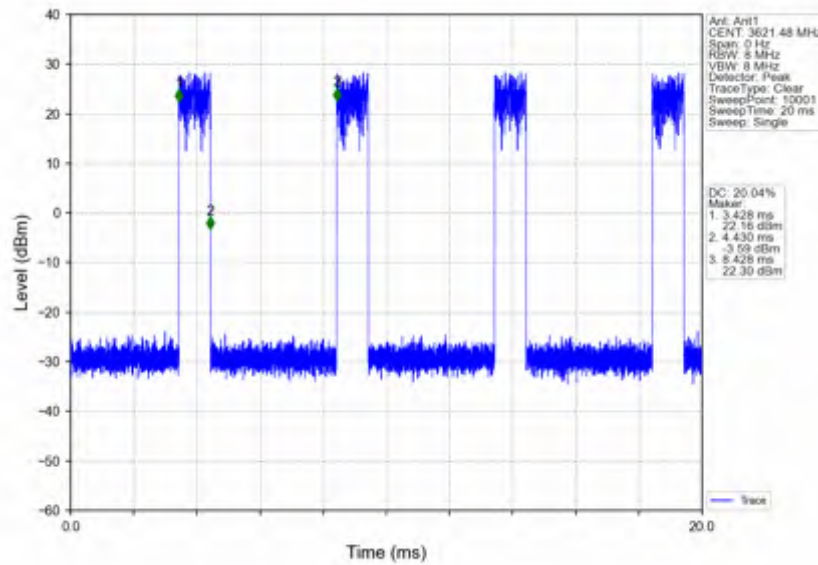
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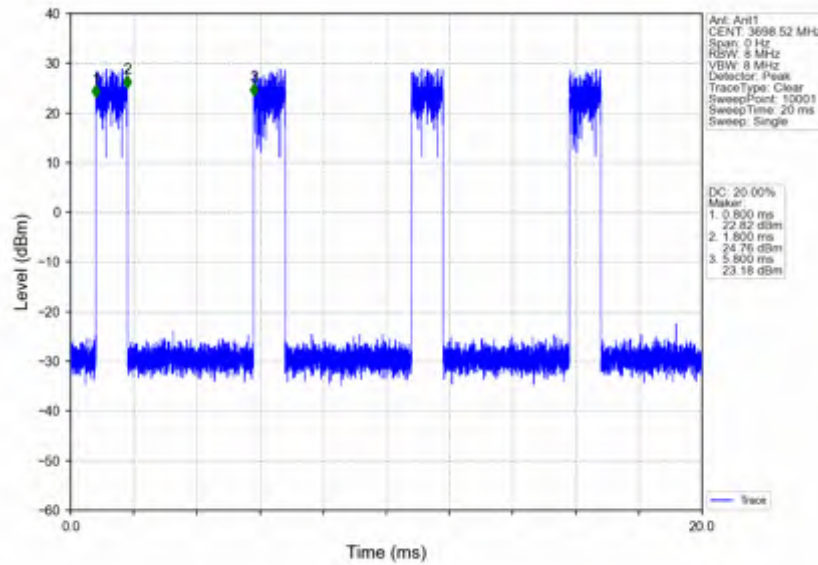
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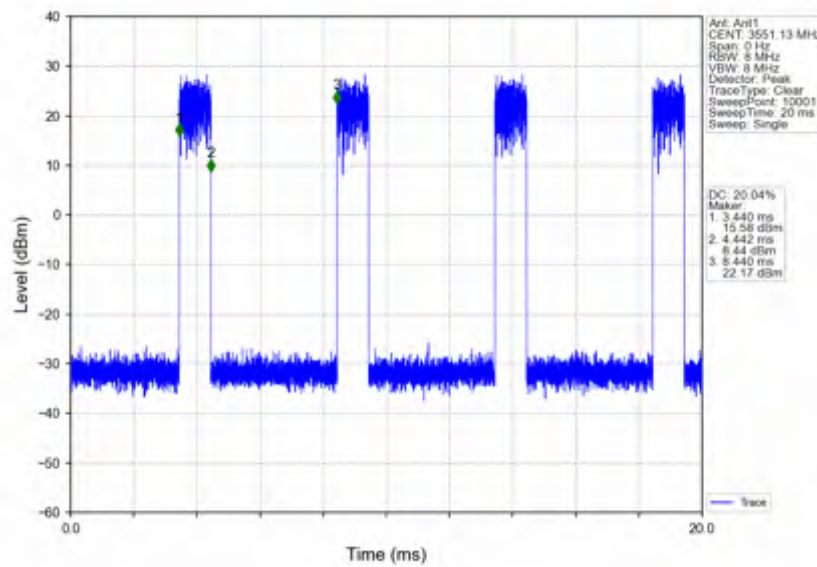
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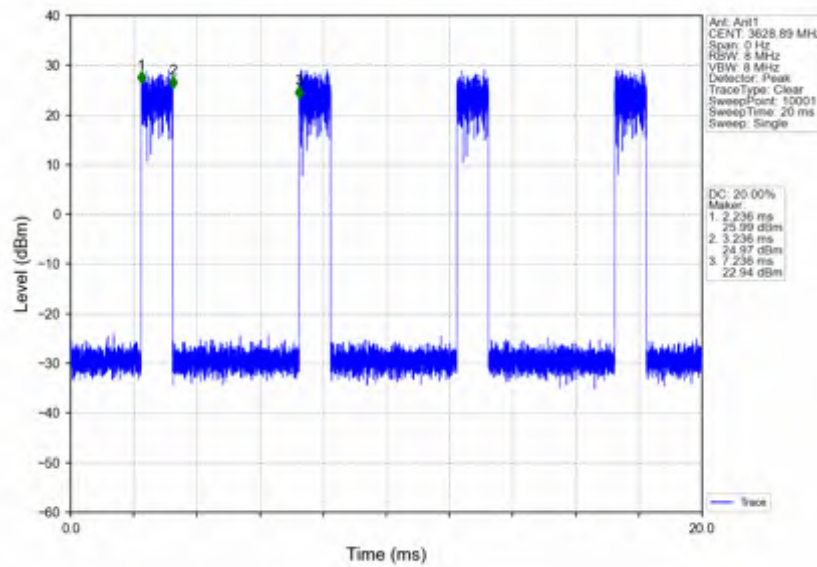
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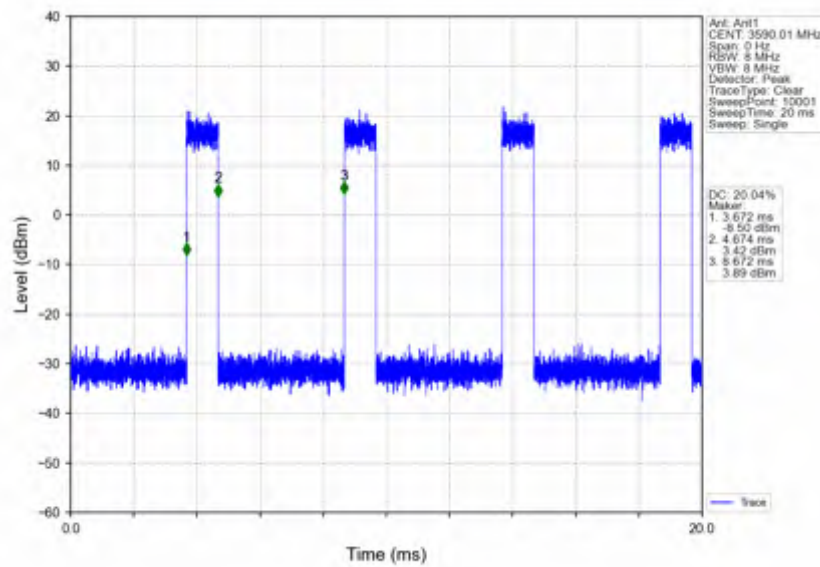
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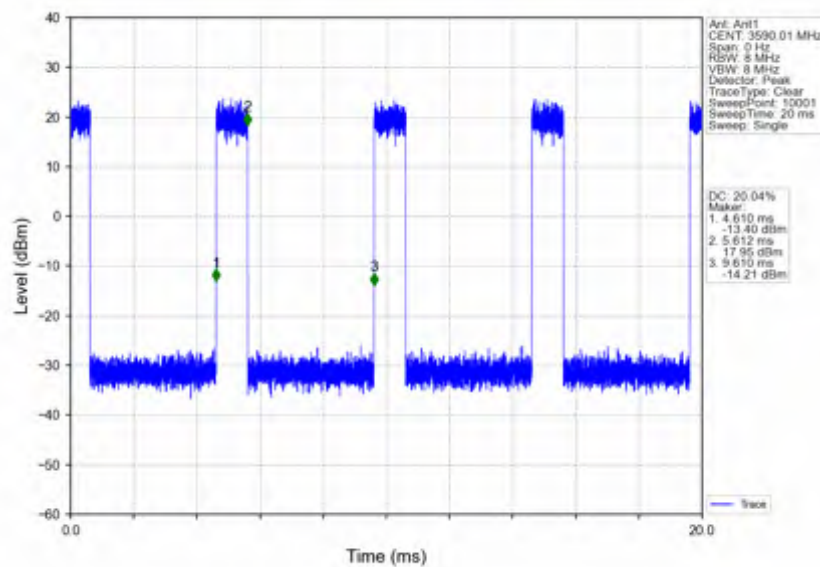
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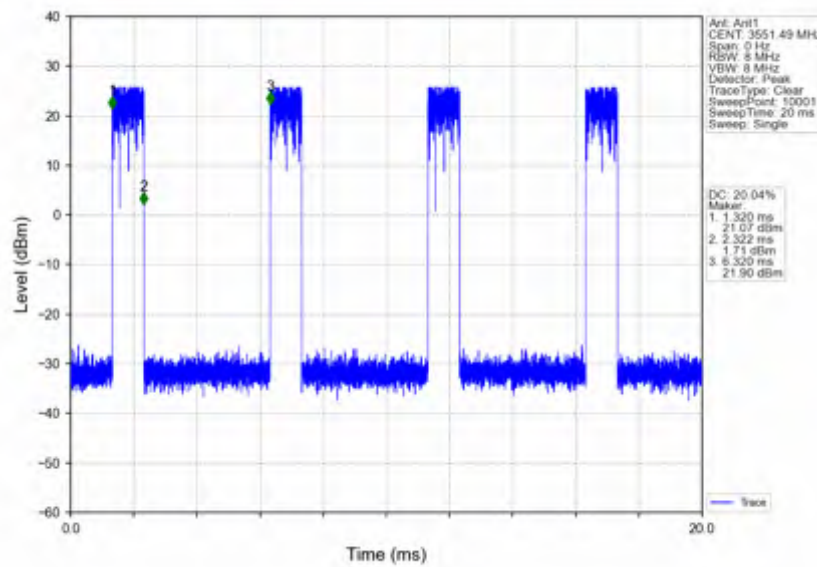
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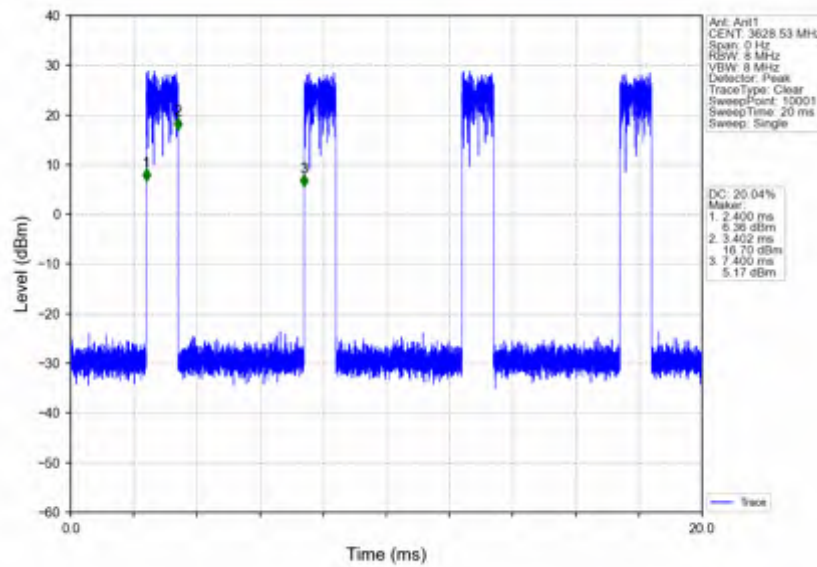
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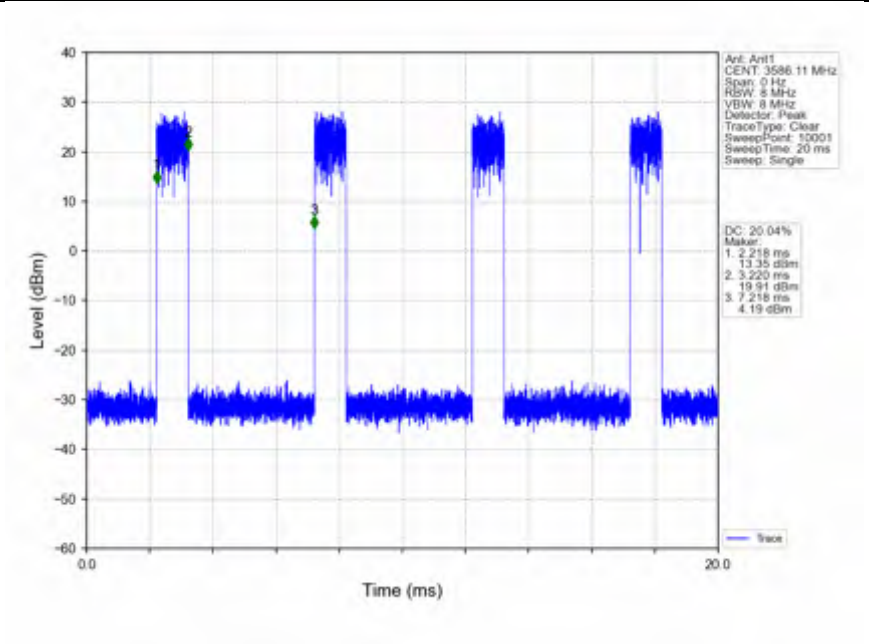


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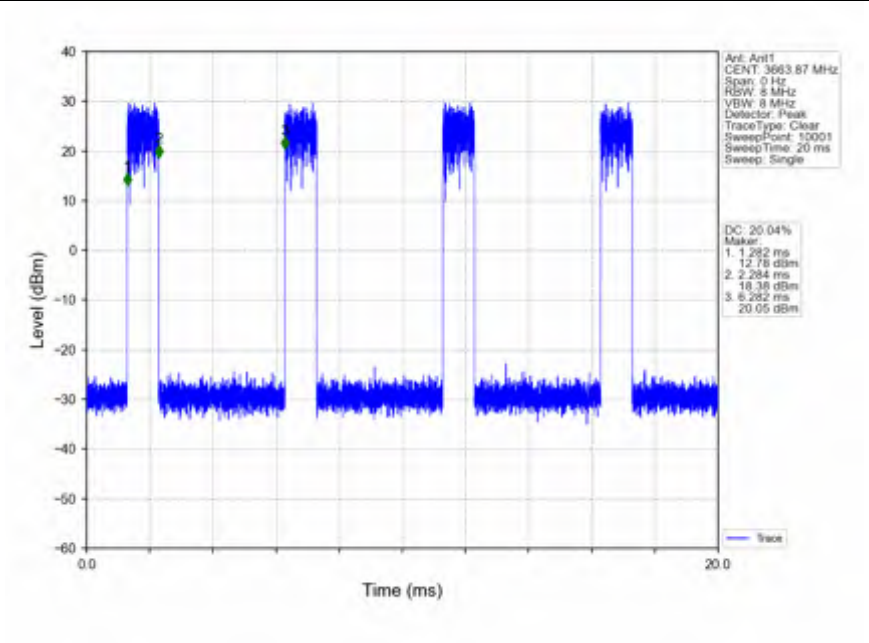




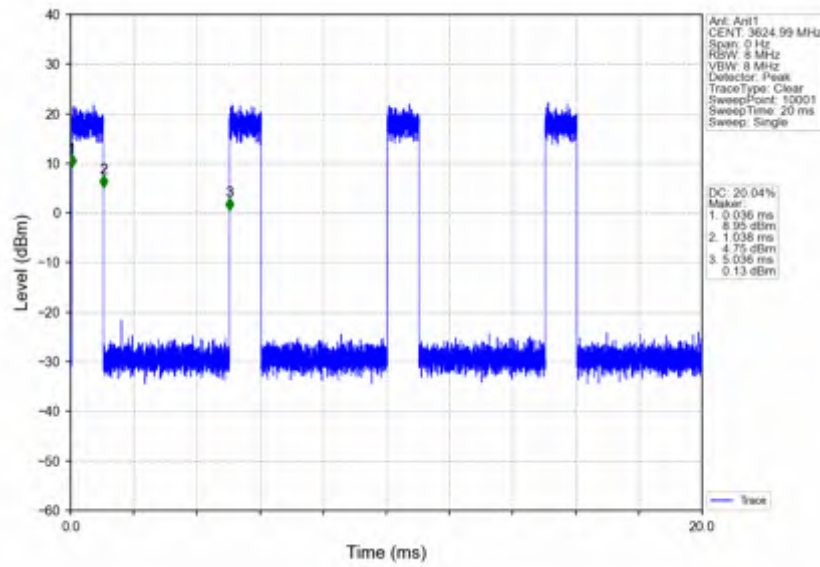
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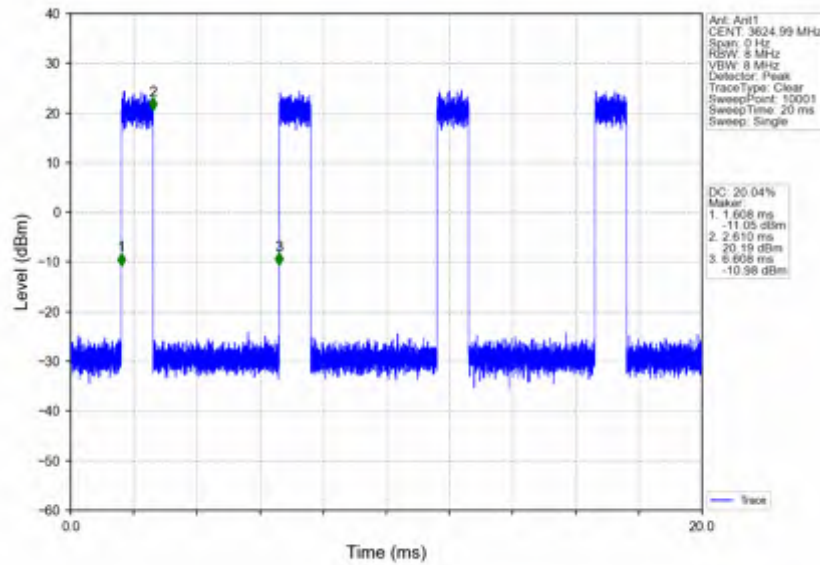
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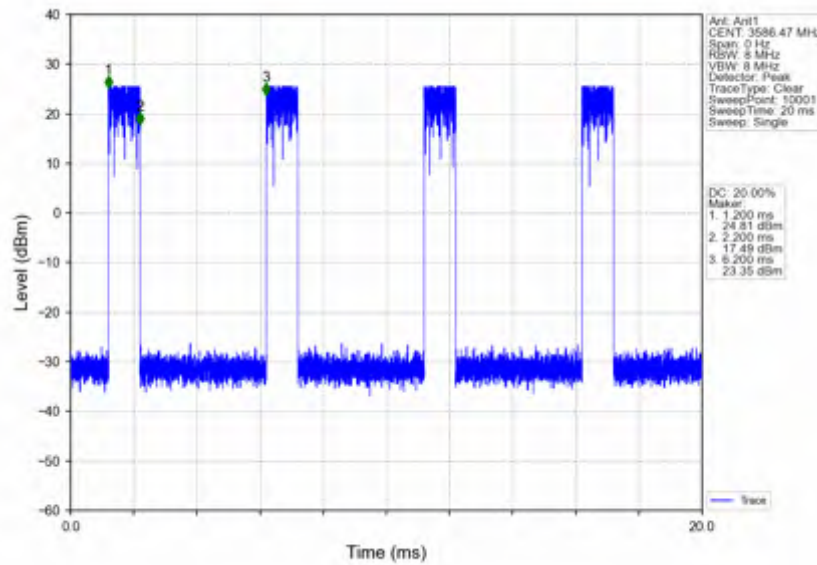
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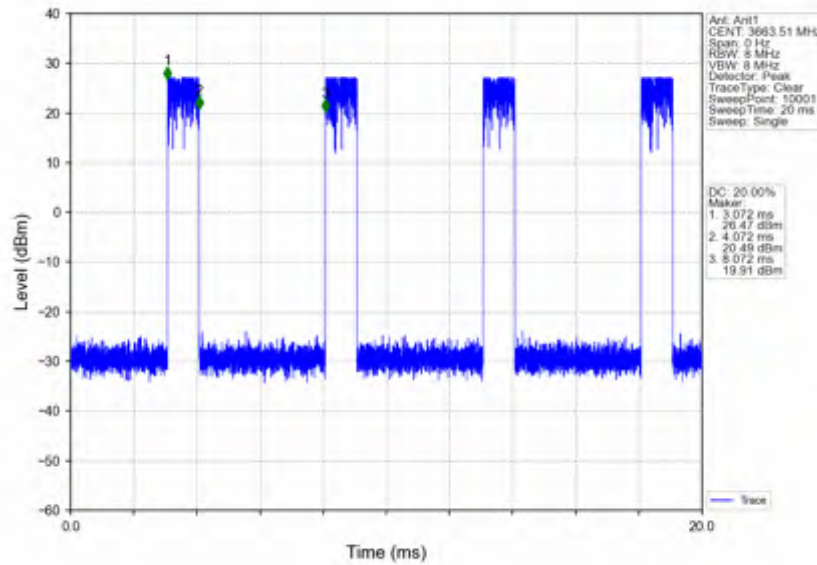
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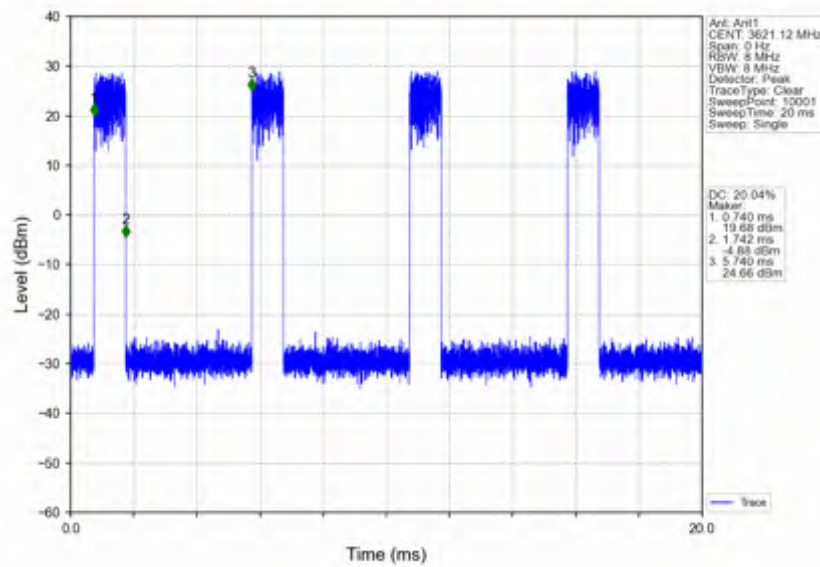
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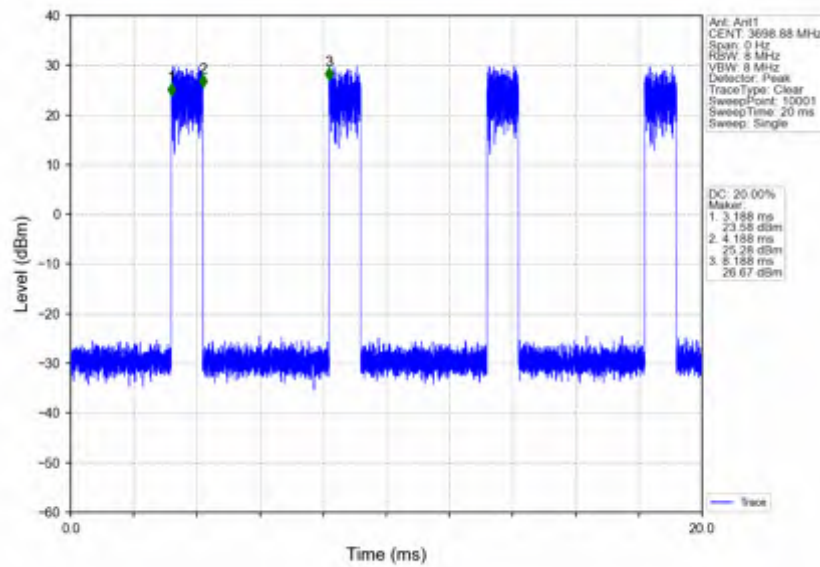
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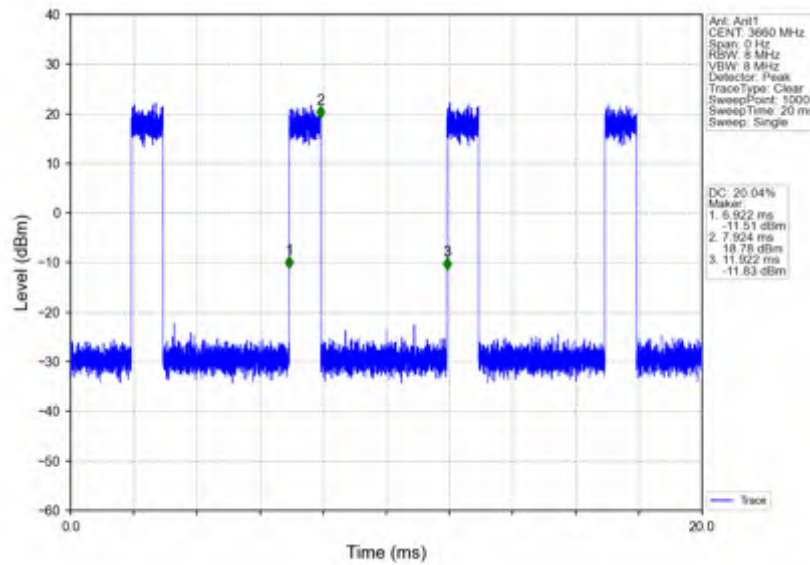
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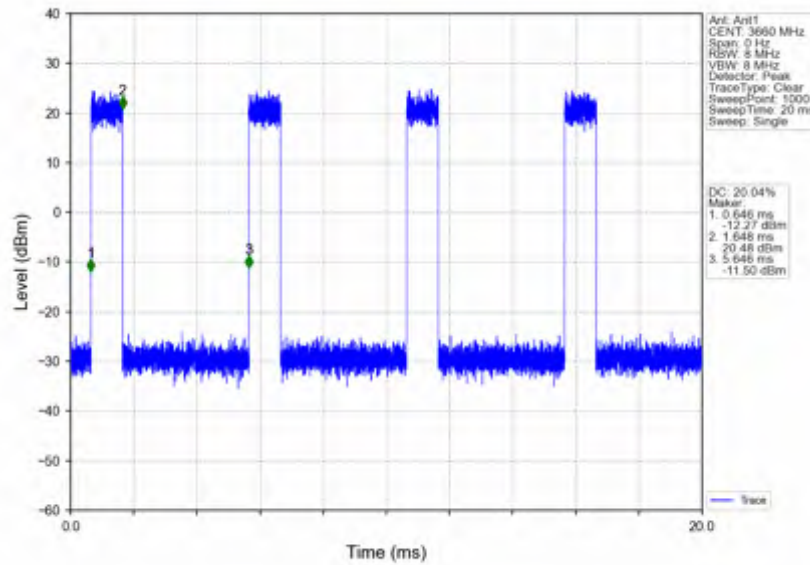
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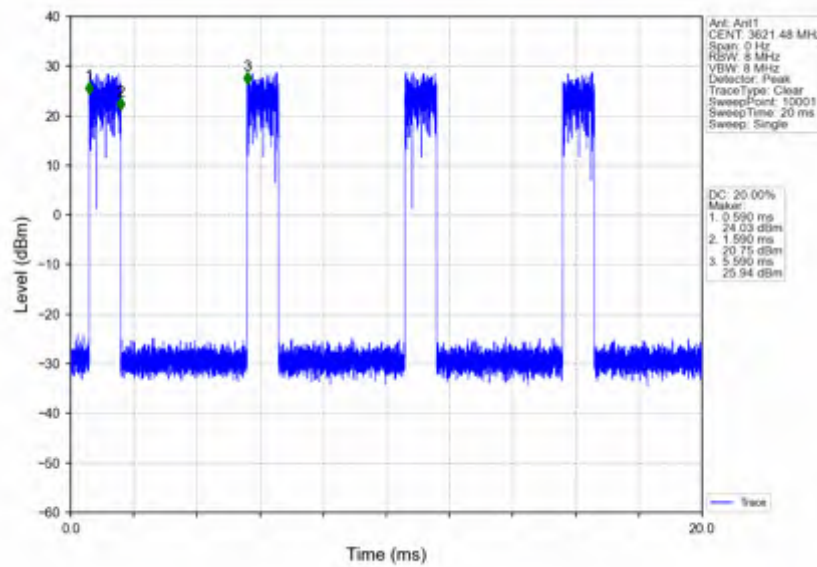
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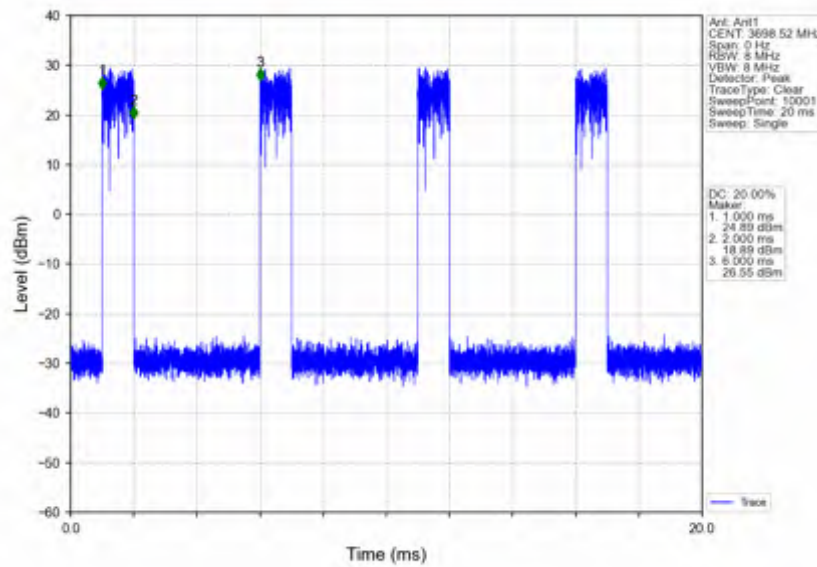
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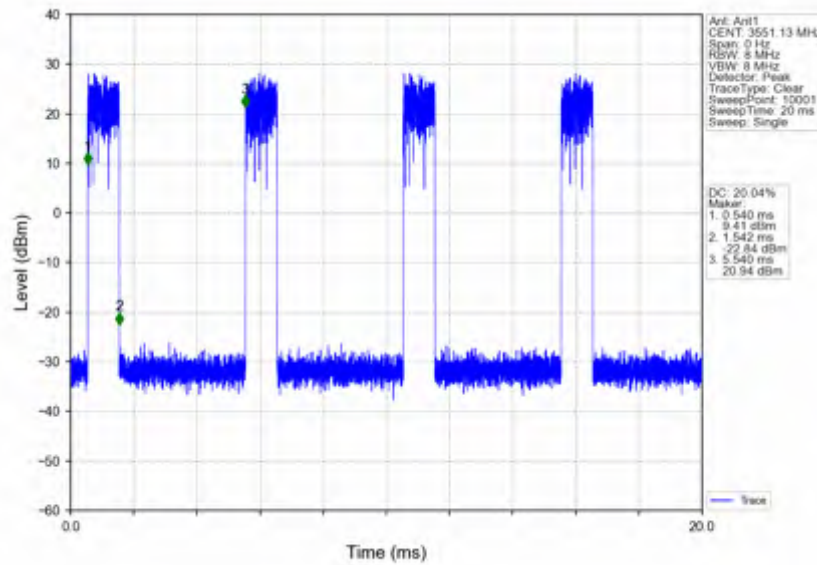
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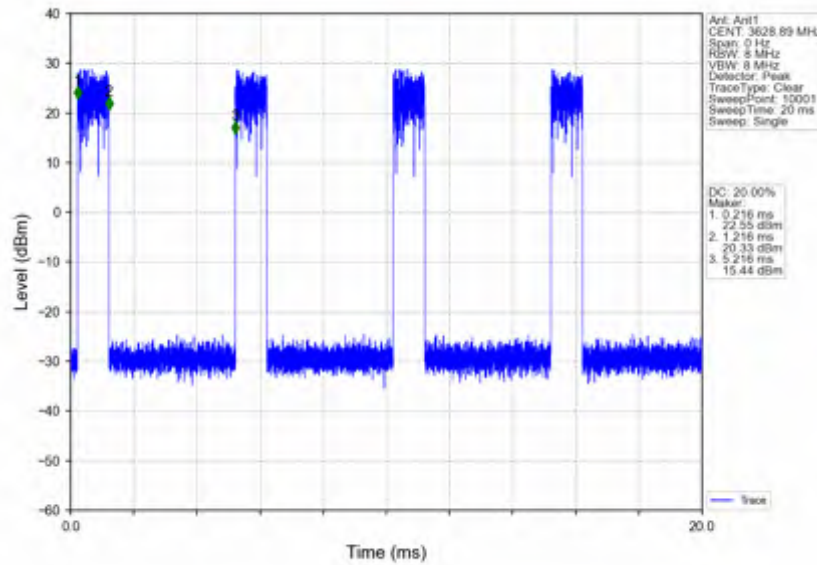
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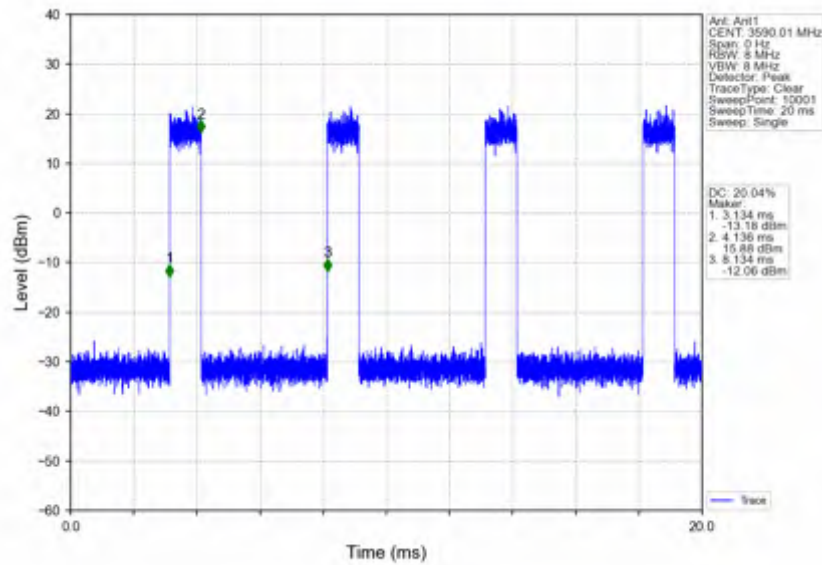
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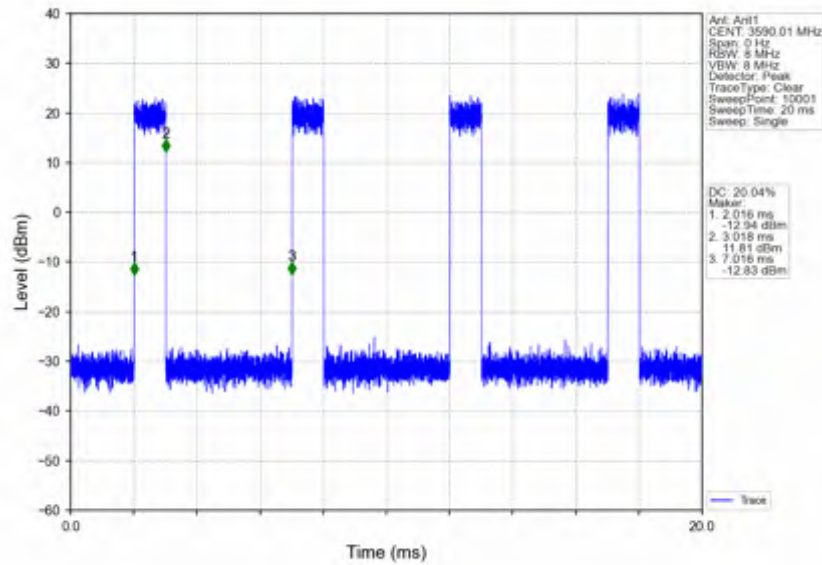
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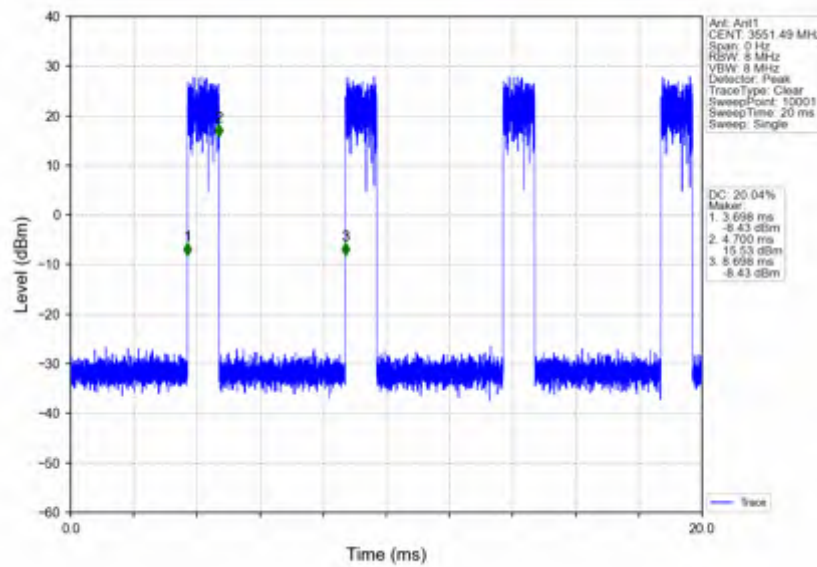
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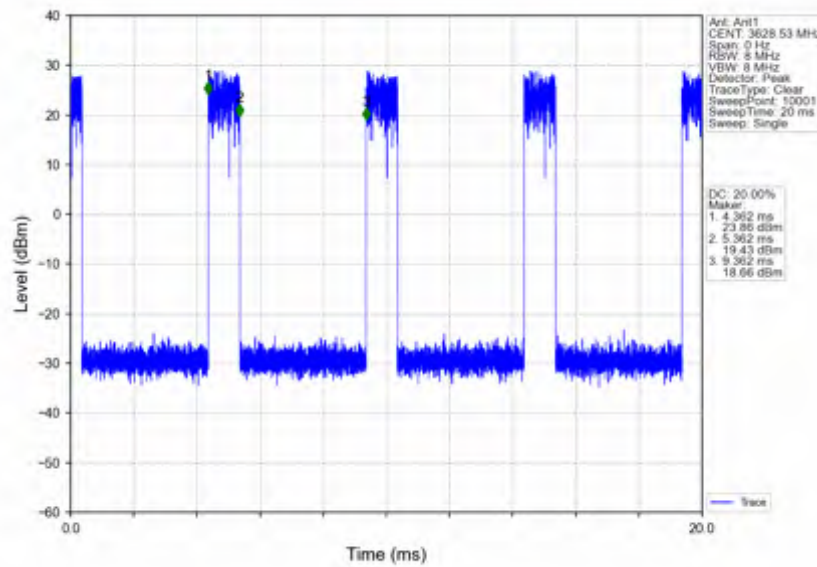
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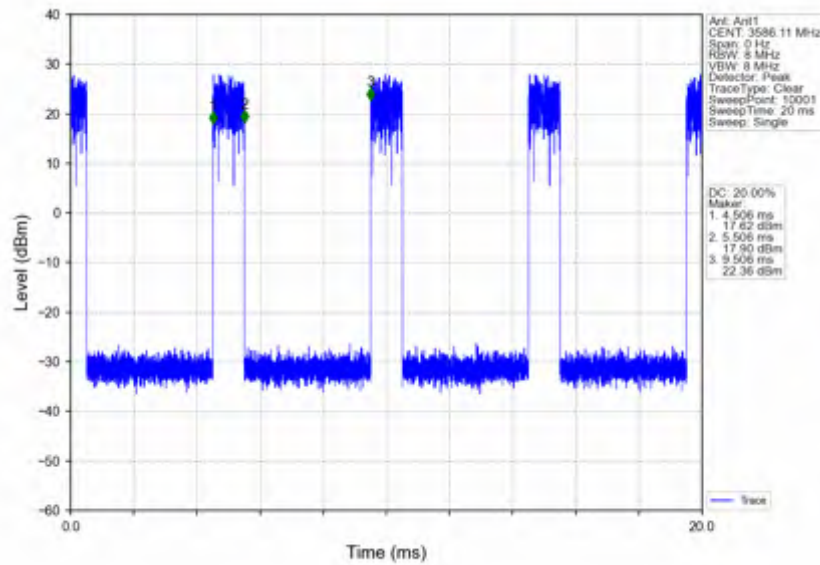
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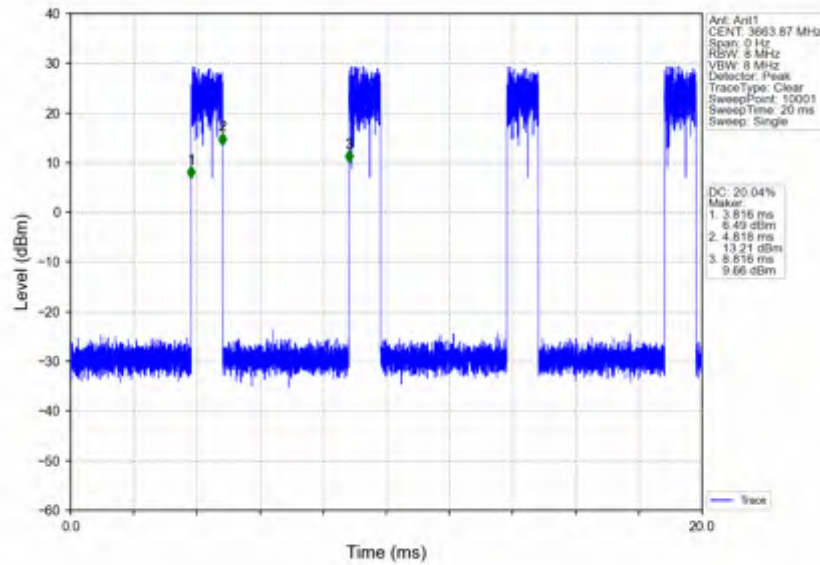
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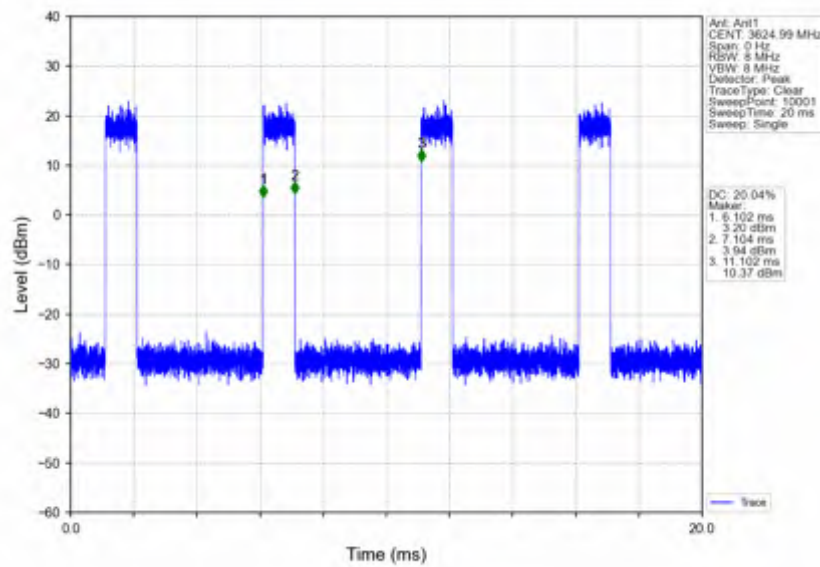
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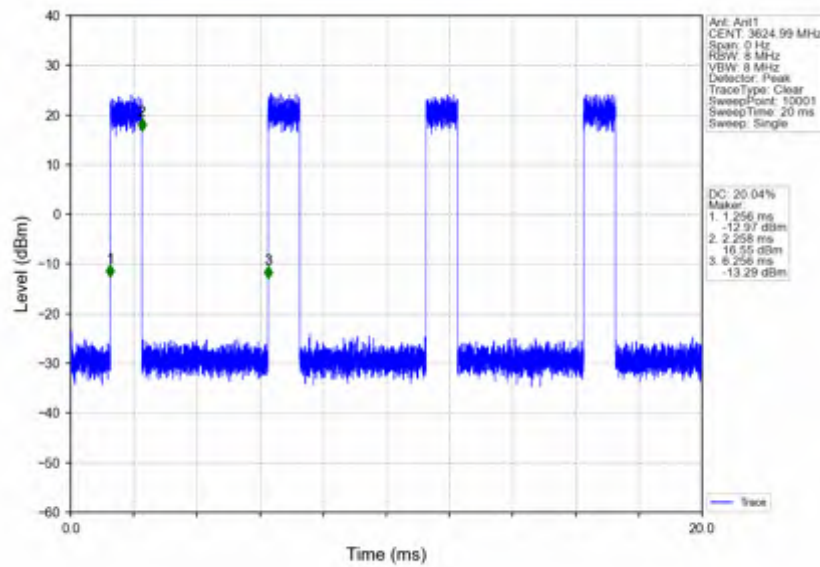
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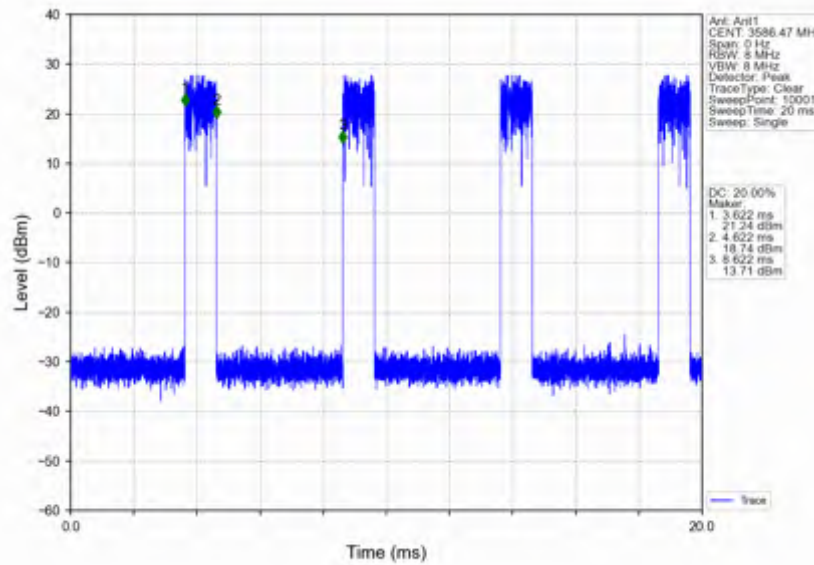
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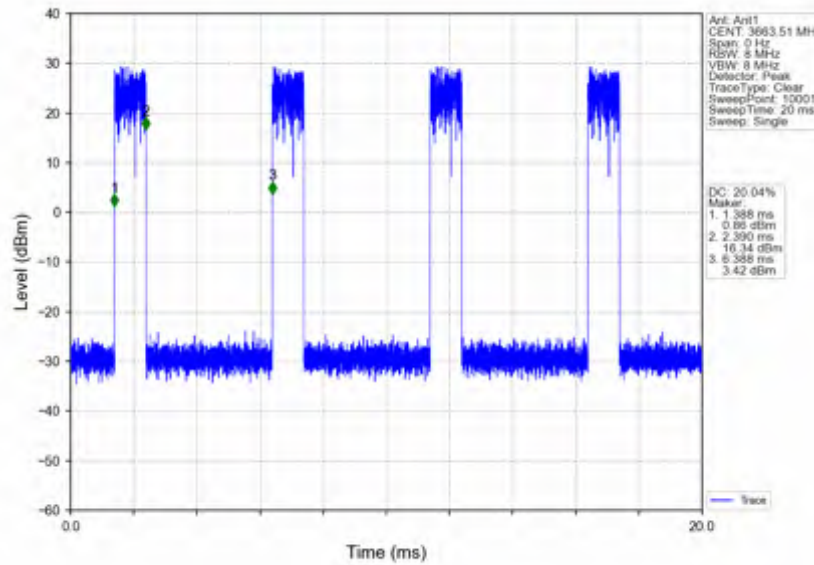
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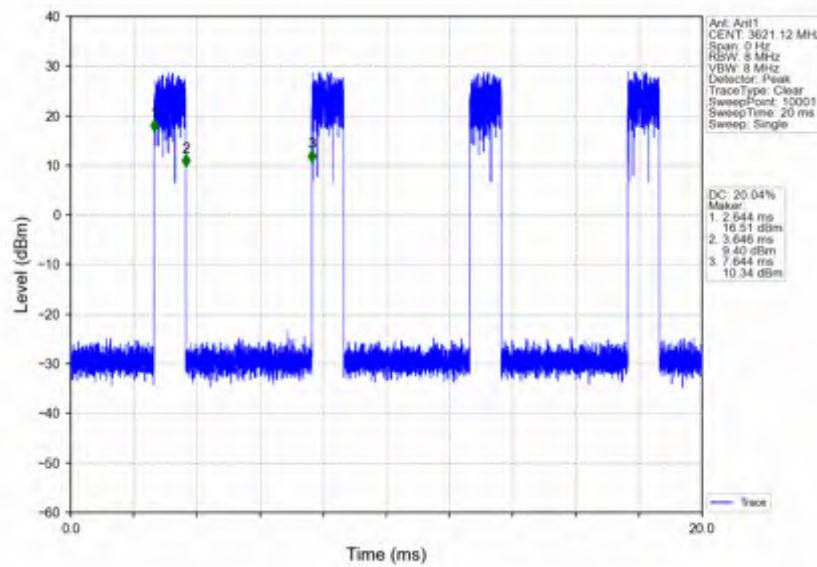
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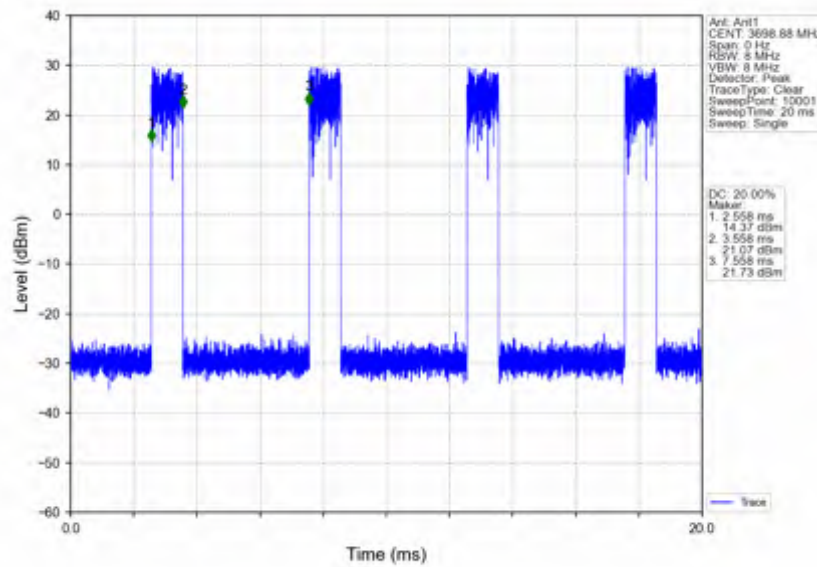
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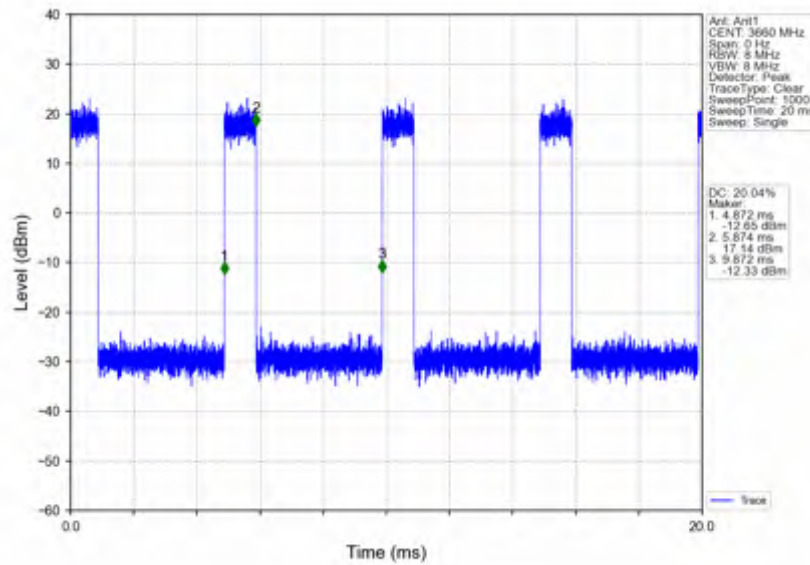
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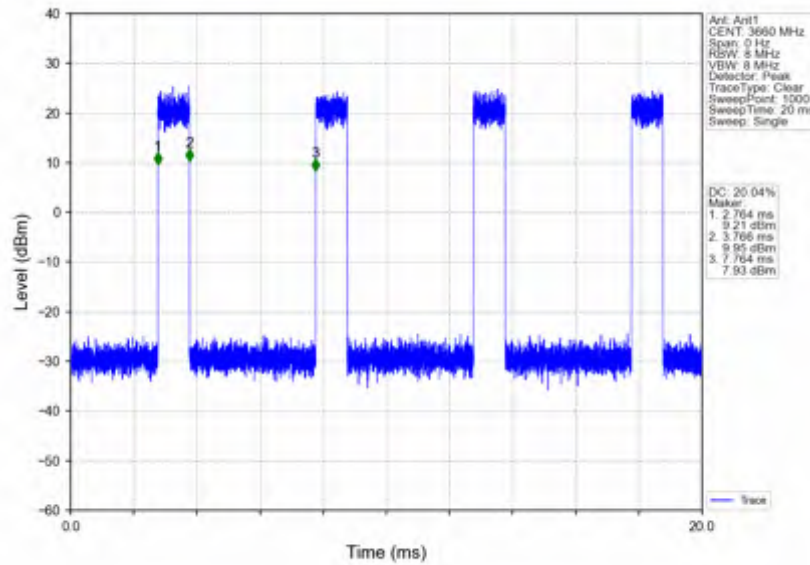
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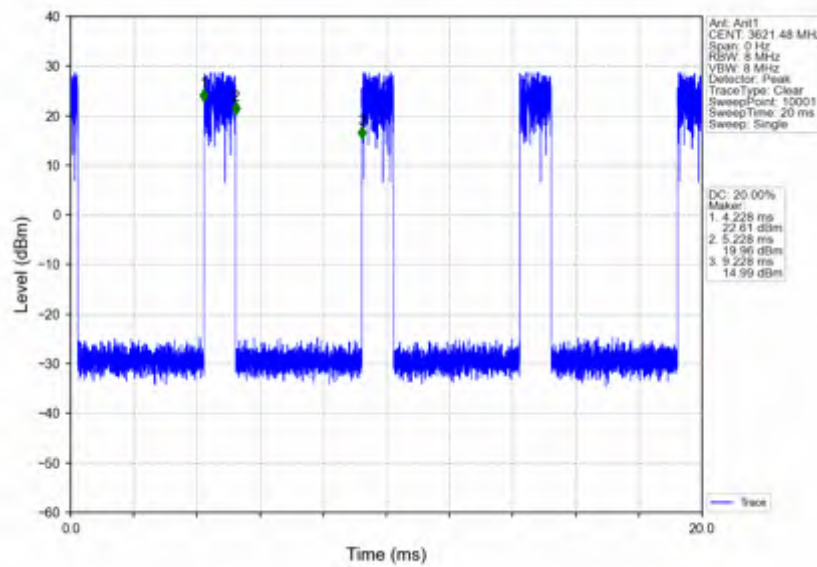
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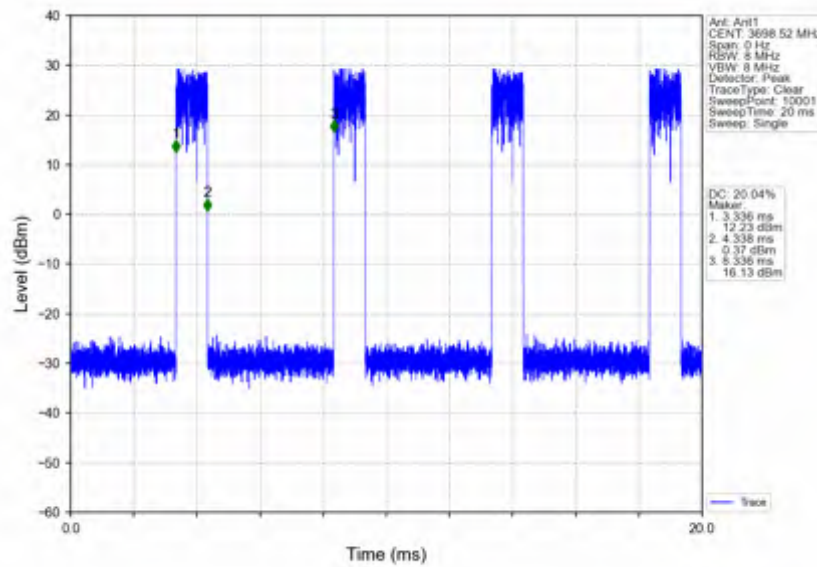
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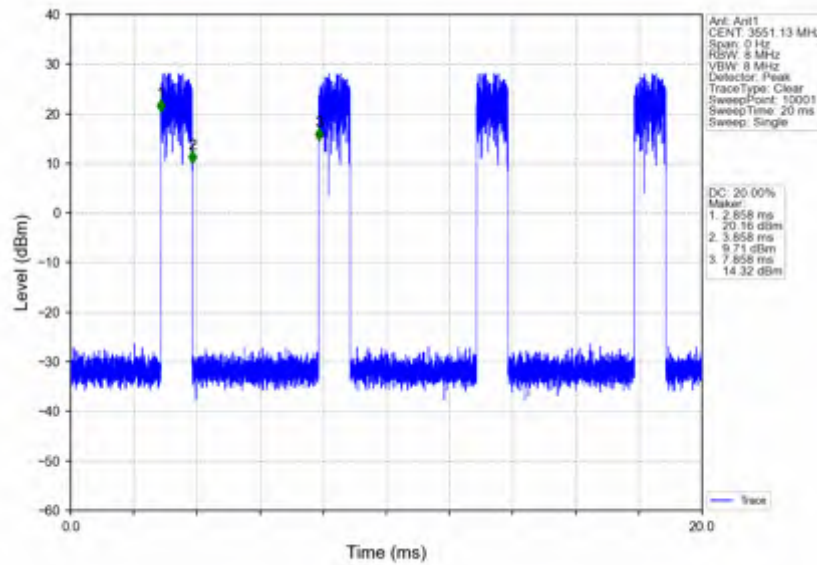
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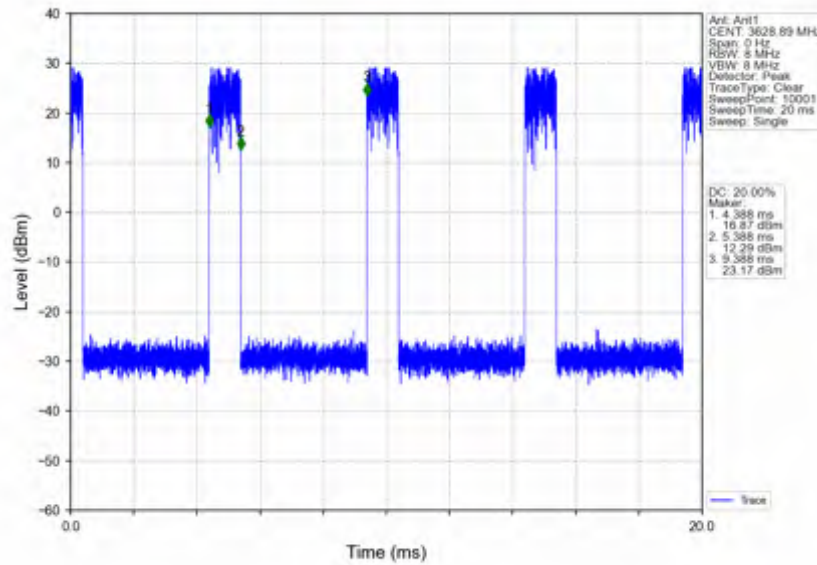
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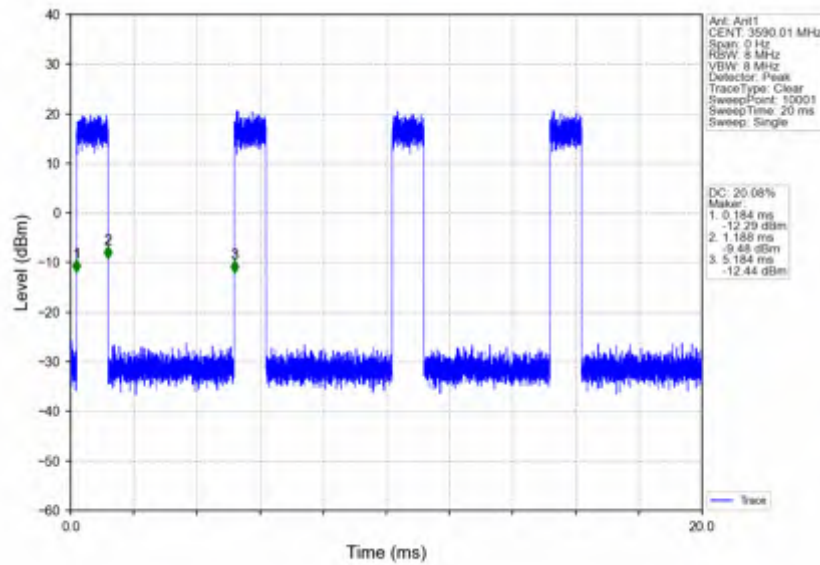
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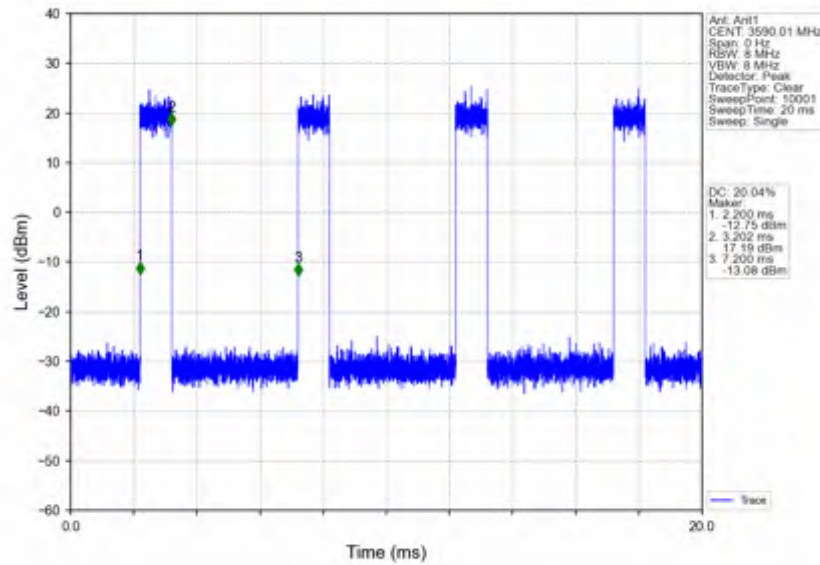
n78(3550-3700MHz) 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3590.01MHz Edge 1RB Right



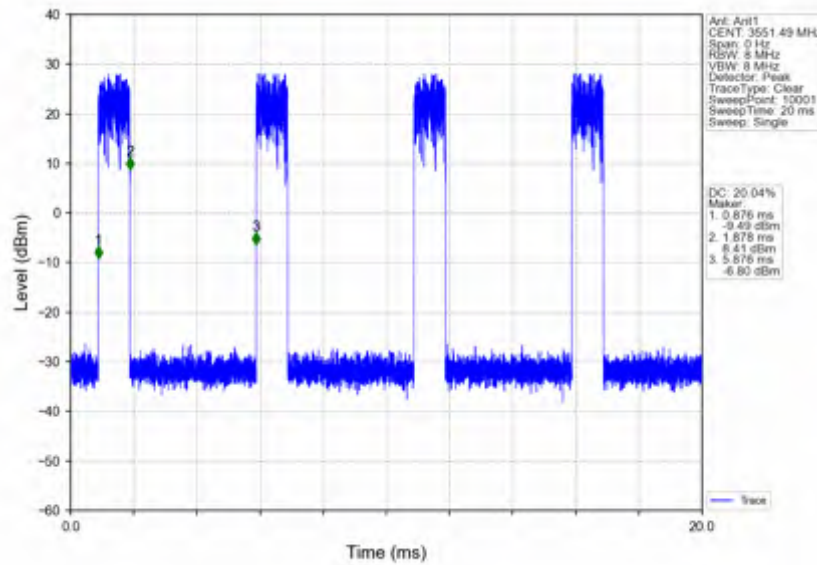
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3590.01MHz_Outer_Full



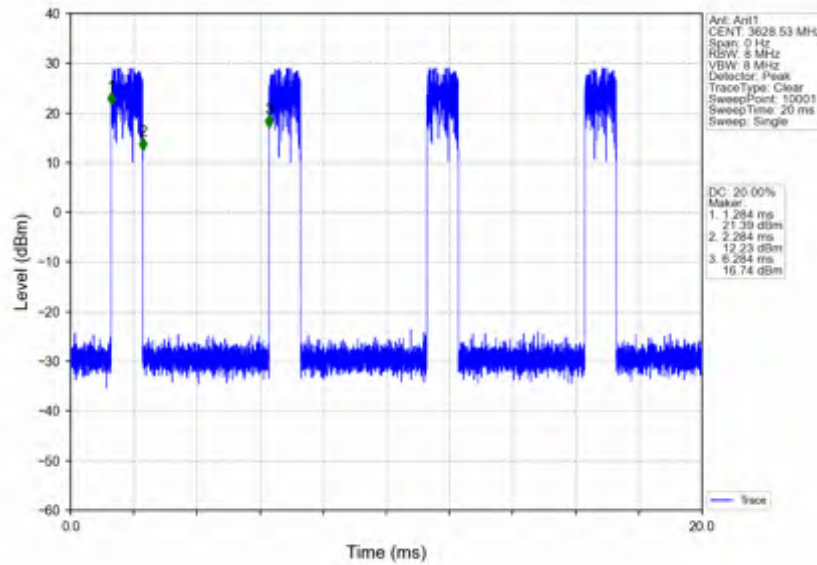
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3590.01MHz_Inner_Full



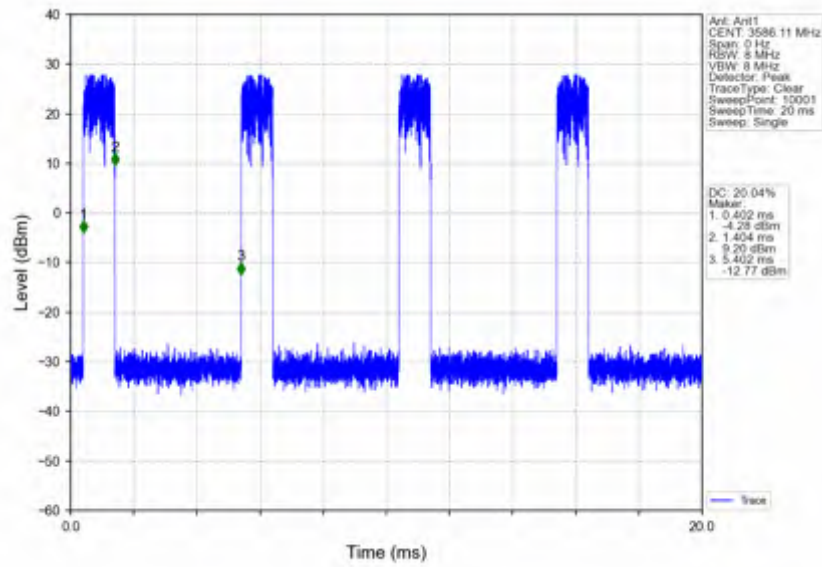
n78(3550-3700MHz) 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3590.01MHz Inner 1RB Left



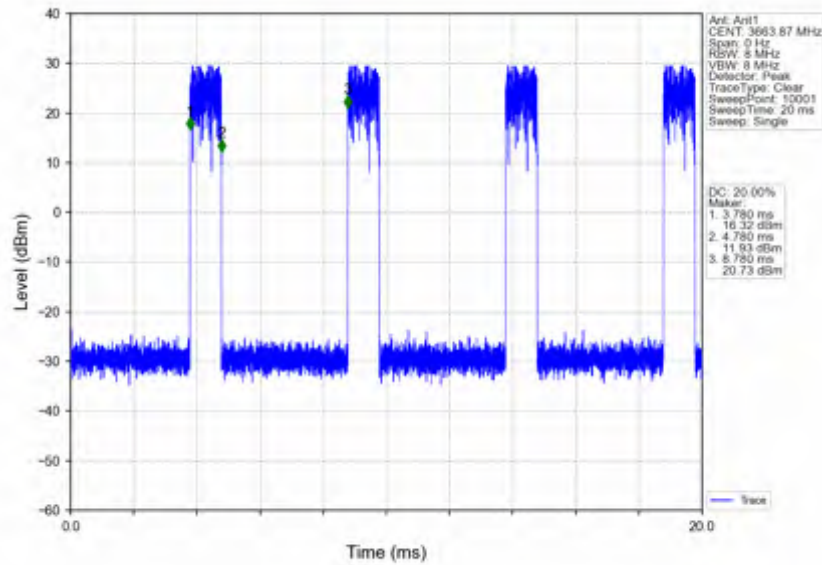
n78(3550-3700MHz) 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3590.01MHz Inner 1RB Right



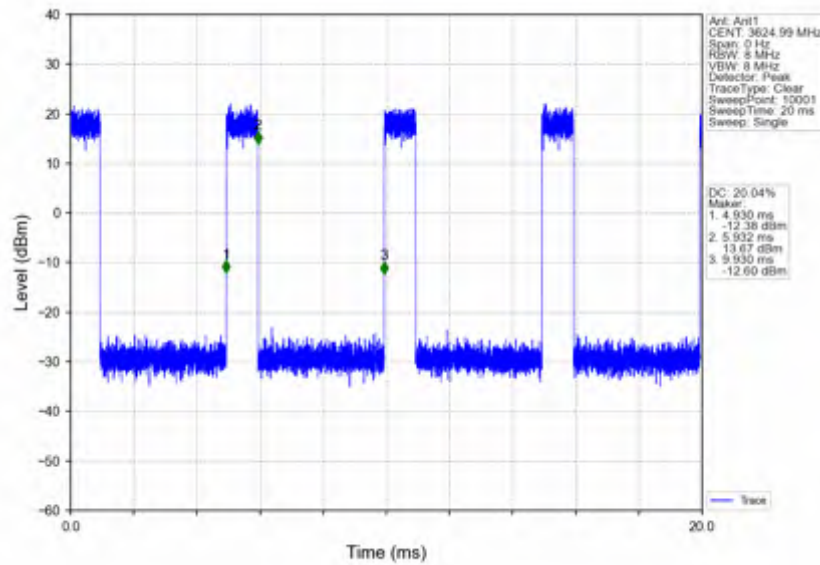
n78(3550-3700MHz) 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3624.99MHz Edge 1RB Left



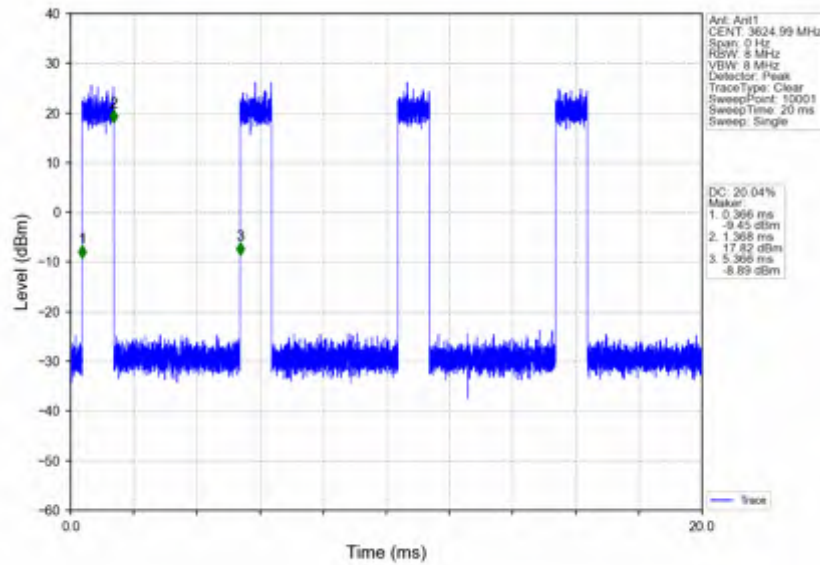
n78(3550-3700MHz) 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3624.99MHz Edge 1RB Right



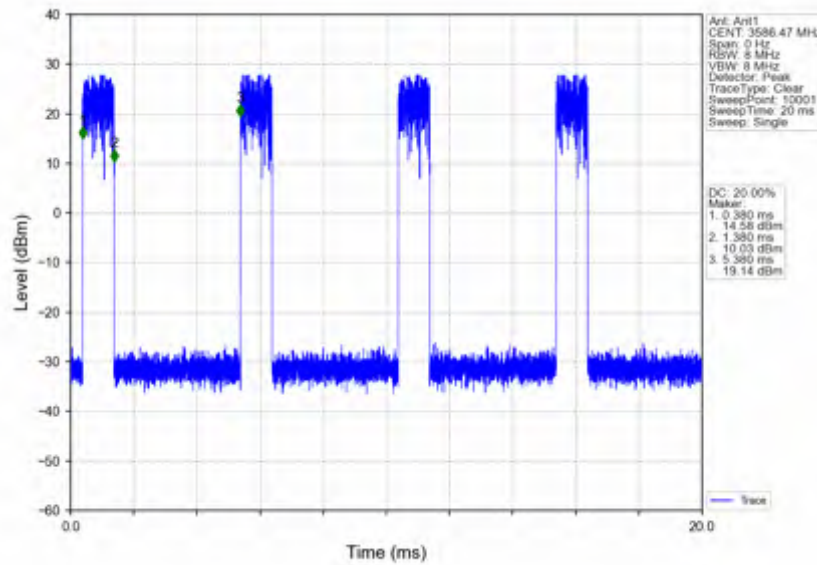
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3624.99MHz_Outer_Full



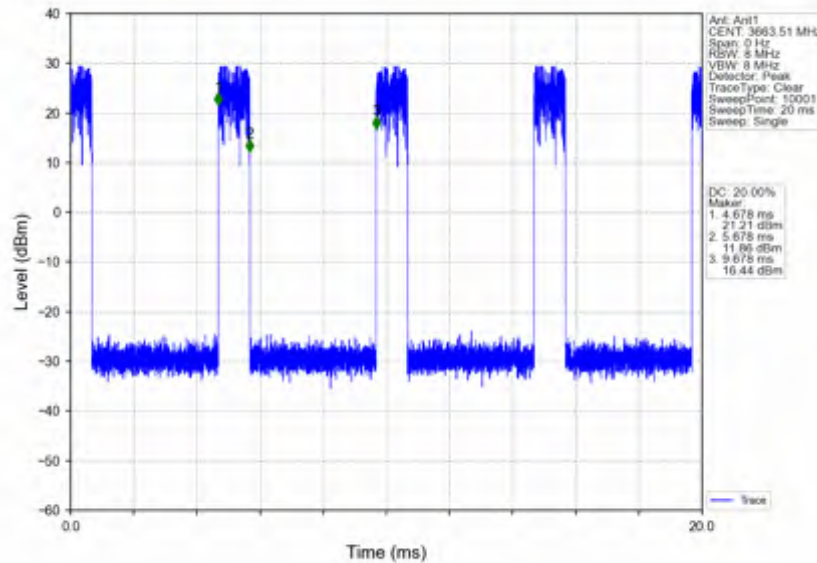
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3624.99MHz_Inner_Full



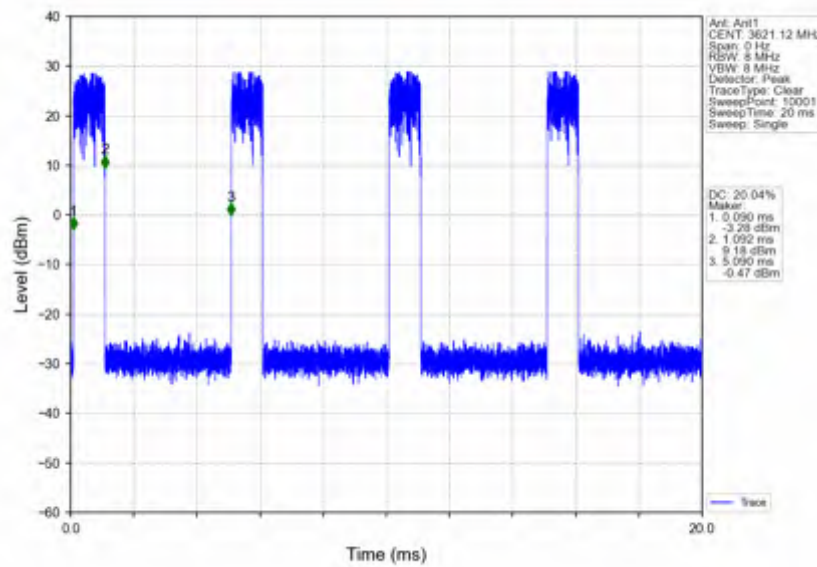
n78(3550-3700MHz) 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3624.99MHz Inner 1RB Left



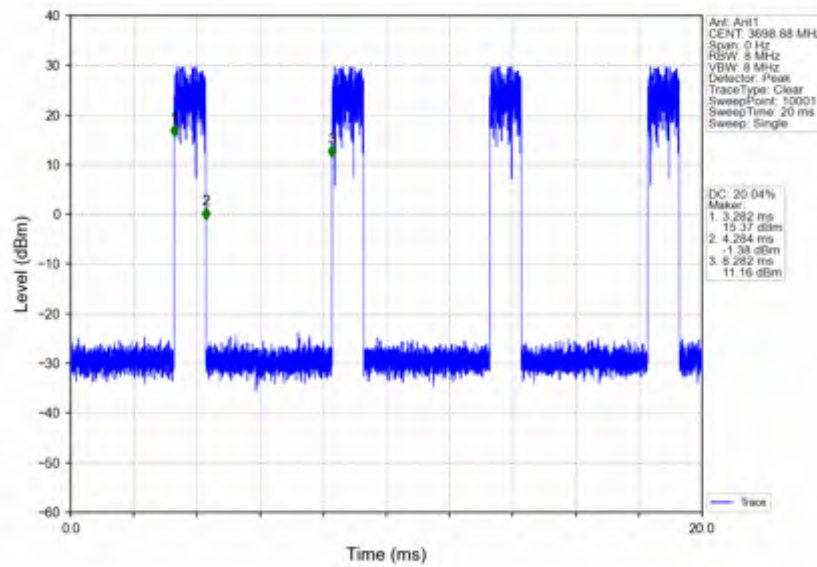
n78(3550-3700MHz) 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3624.99MHz Inner 1RB Right



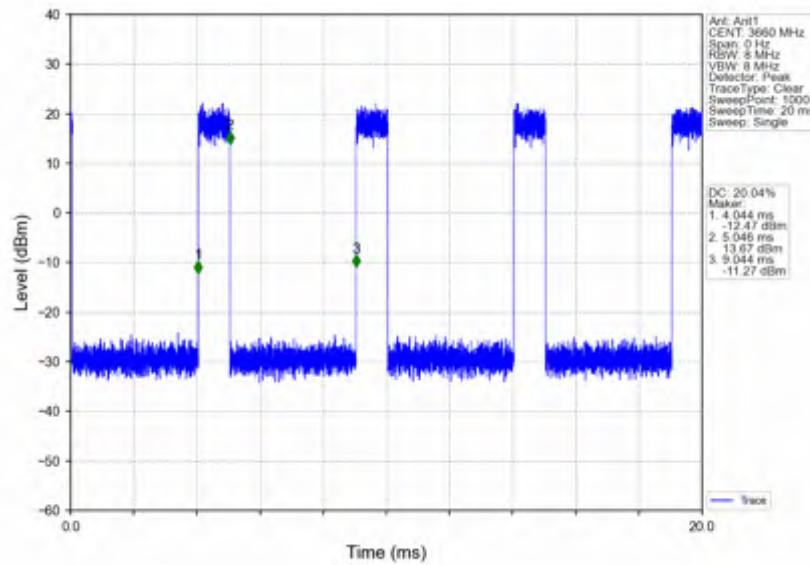
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3660MHz_Edge_1RB_Left



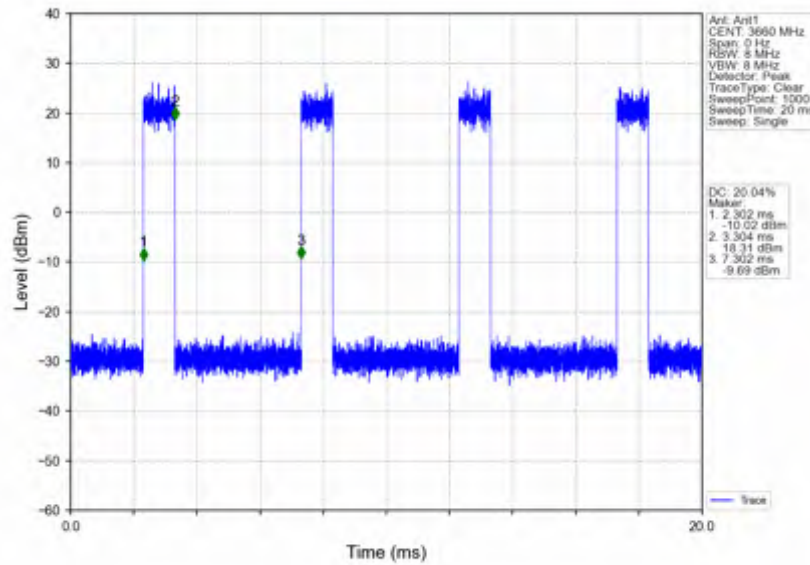
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3660MHz_Edge_1RB_Right



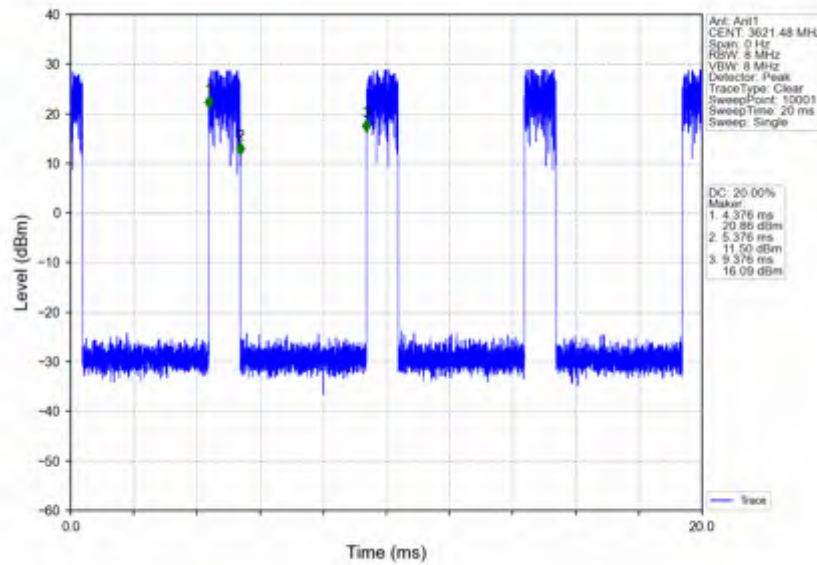
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3660MHz_Outer_Full



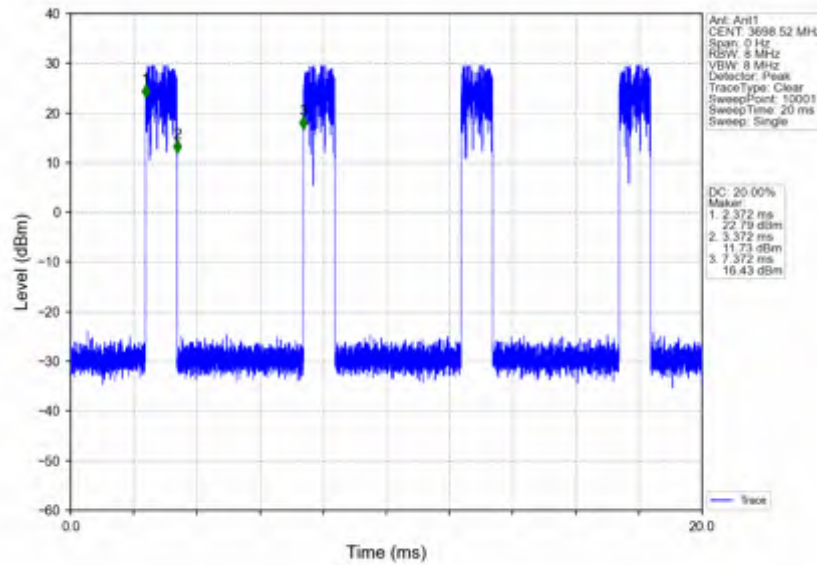
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3660MHz_Inner_Full



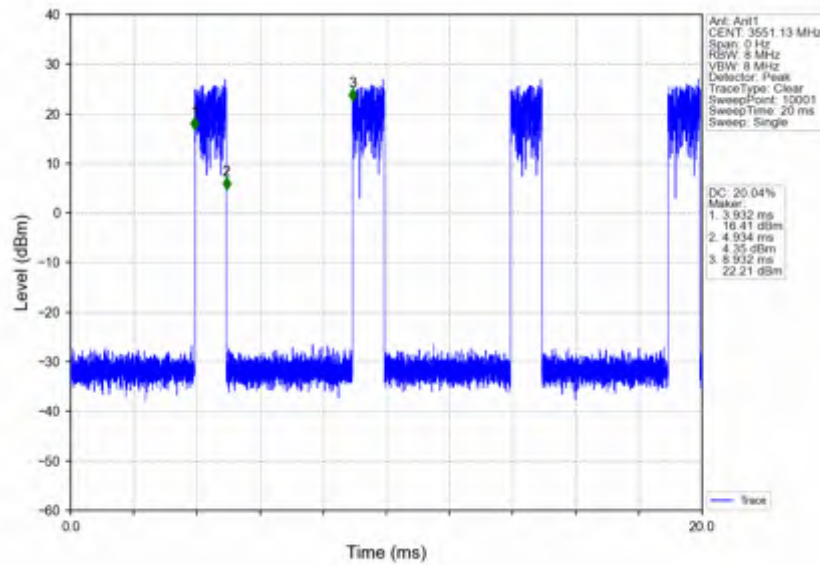
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3660MHz_Inner_1RB_Left



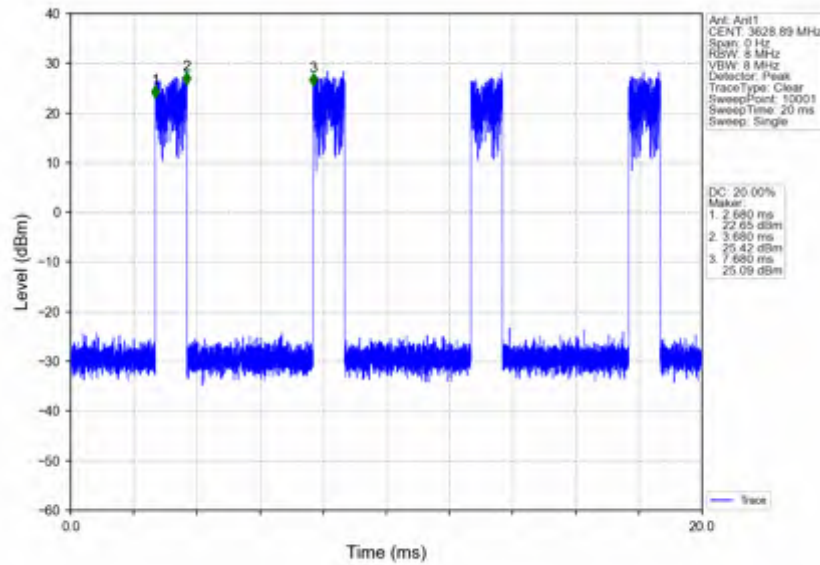
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3660MHz_Inner_1RB_Right



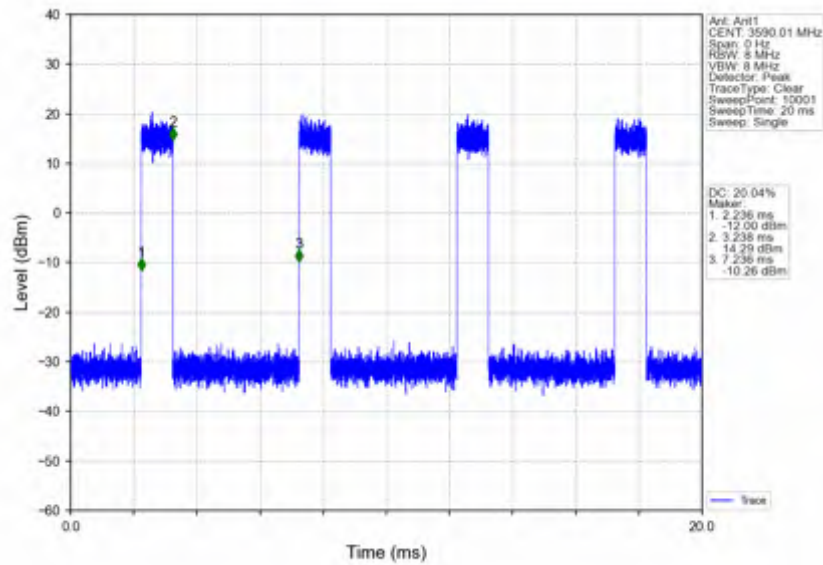
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3590.01MHz_Edge_1RB_Left



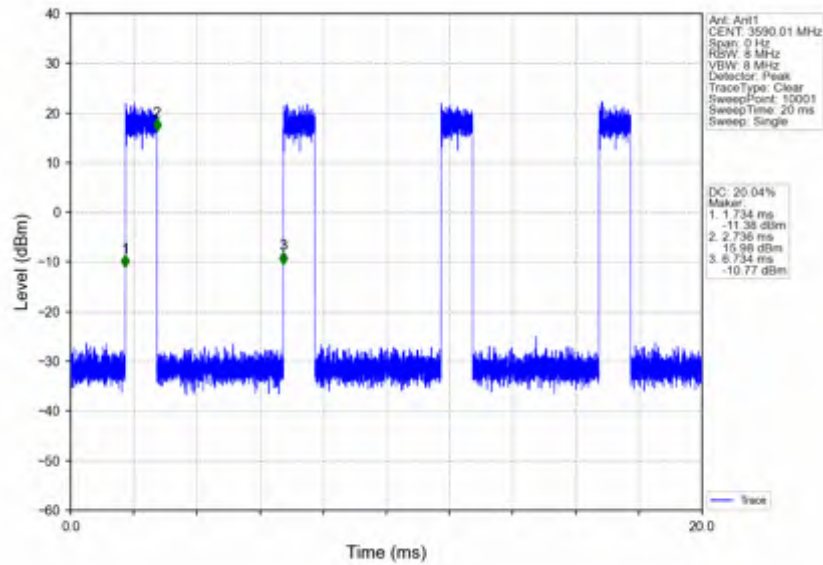
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3590.01MHz_Edge_1RB_Right



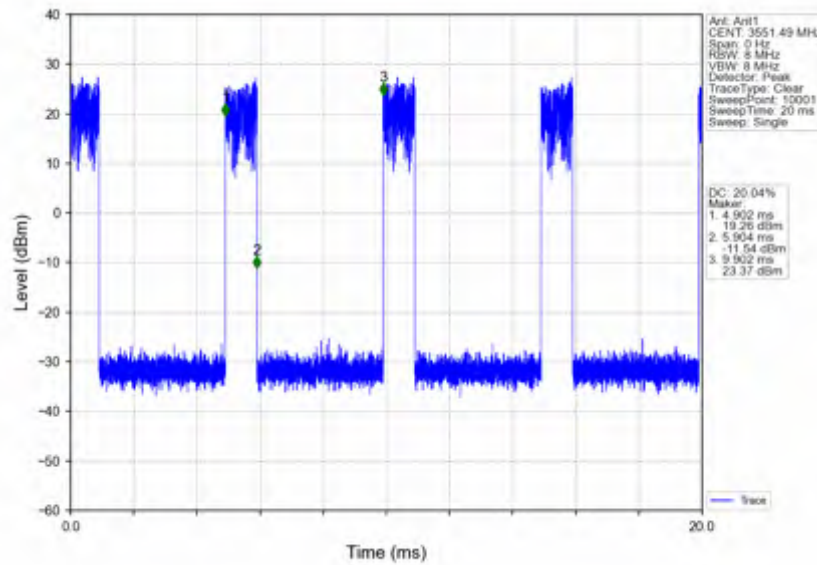
n78(3550-3700MHz) 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3590.01MHz Outer Full



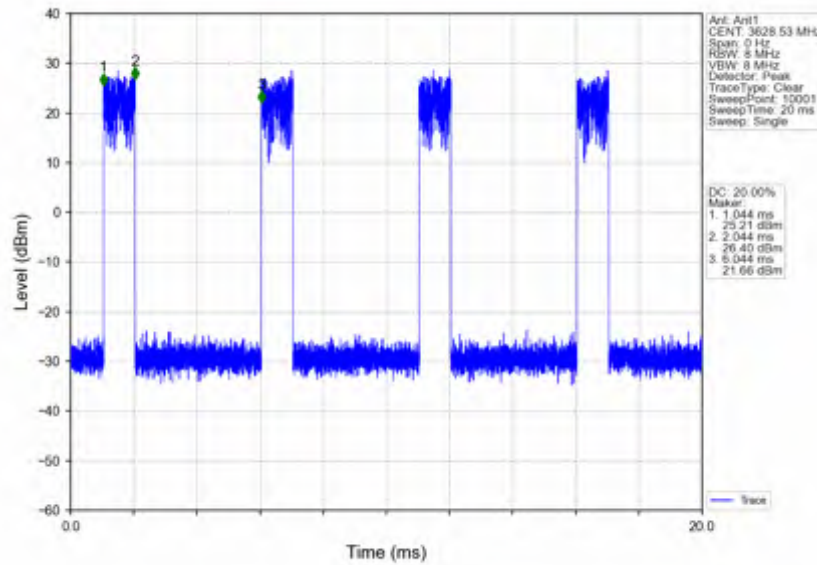
n78(3550-3700MHz) 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3590.01MHz Inner Full



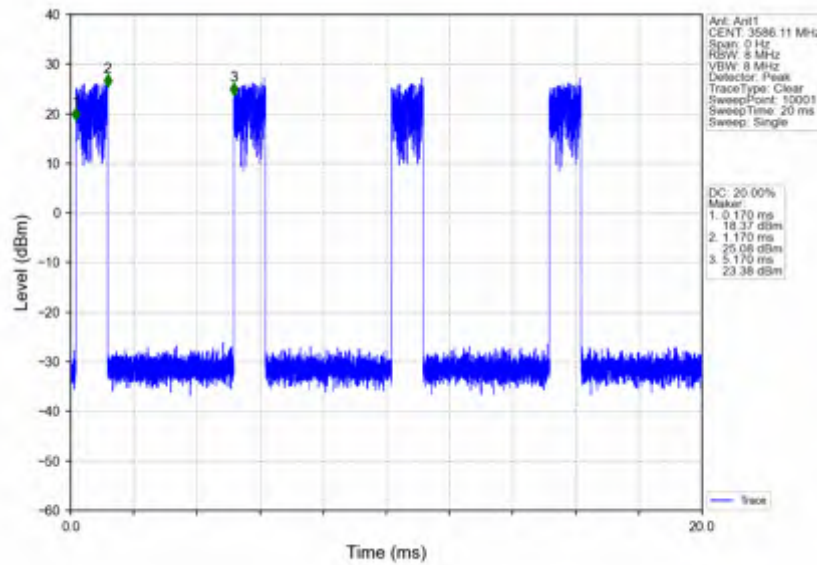
n78(3550-3700MHz) 30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM 3590.01MHz_Inner_1RB_Left



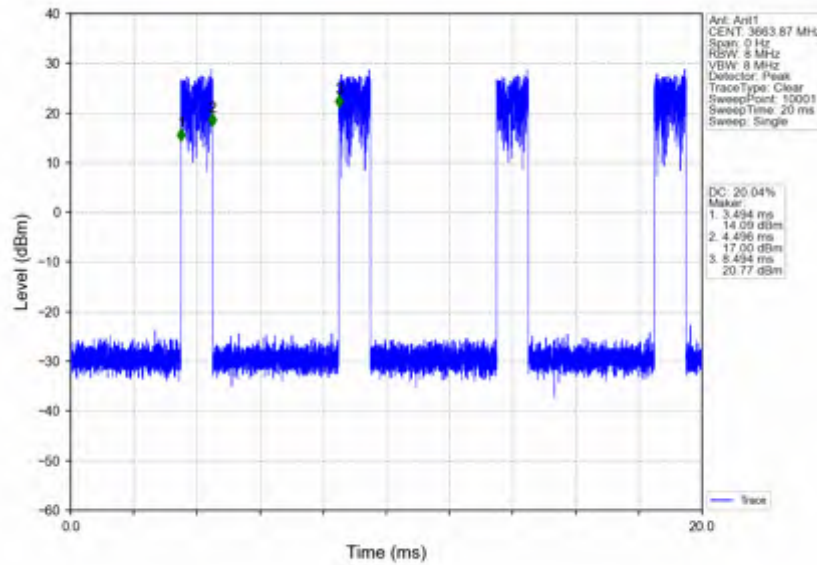
n78(3550-3700MHz) 30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM 3590.01MHz_Inner_1RB_Right



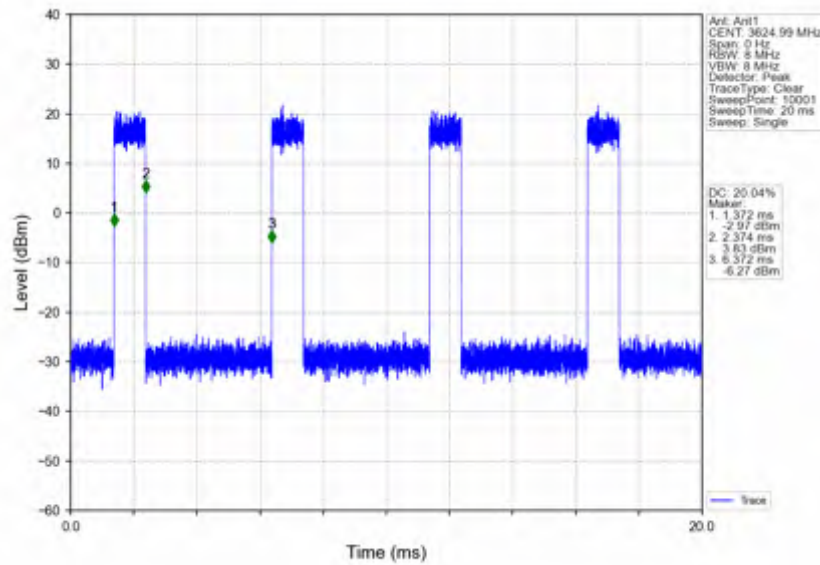
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3624.99MHz_Edge_1RB_Left



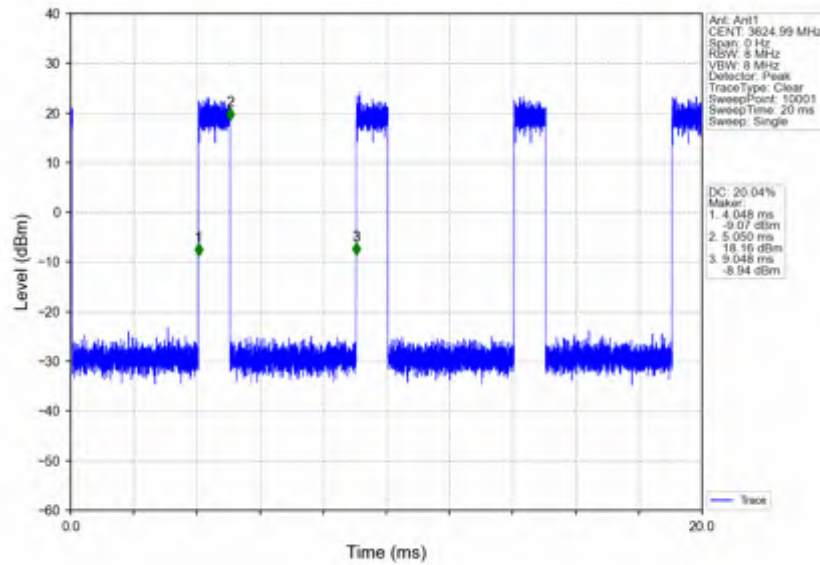
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3624.99MHz_Edge_1RB_Right



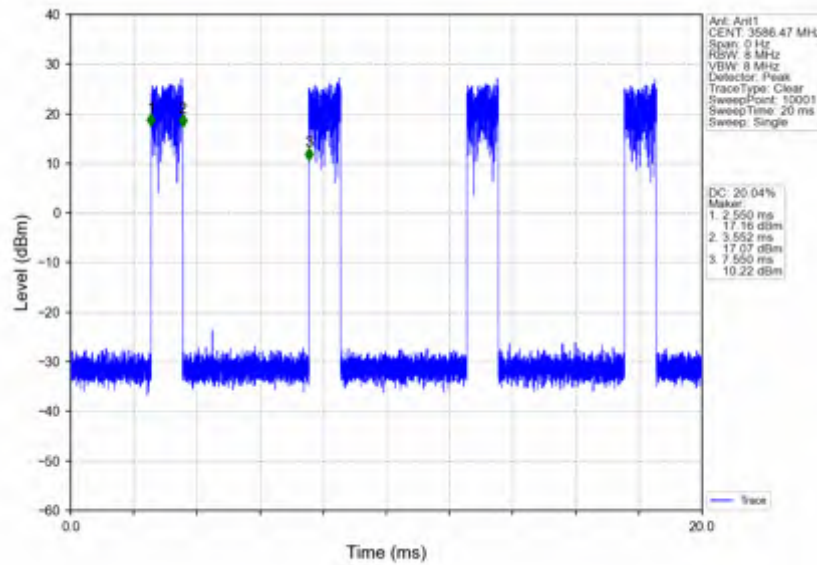
n78(3550-3700MHz) 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3624.99MHz Outer Full



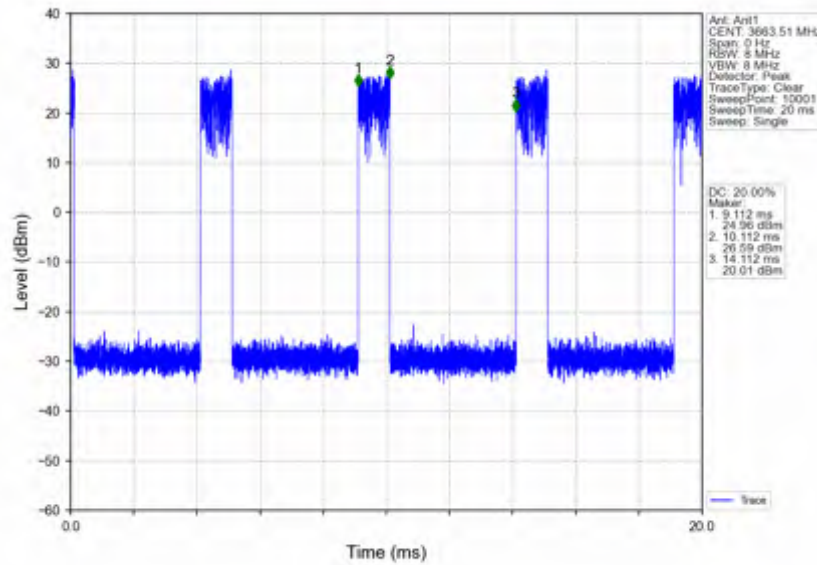
n78(3550-3700MHz) 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3624.99MHz Inner Full



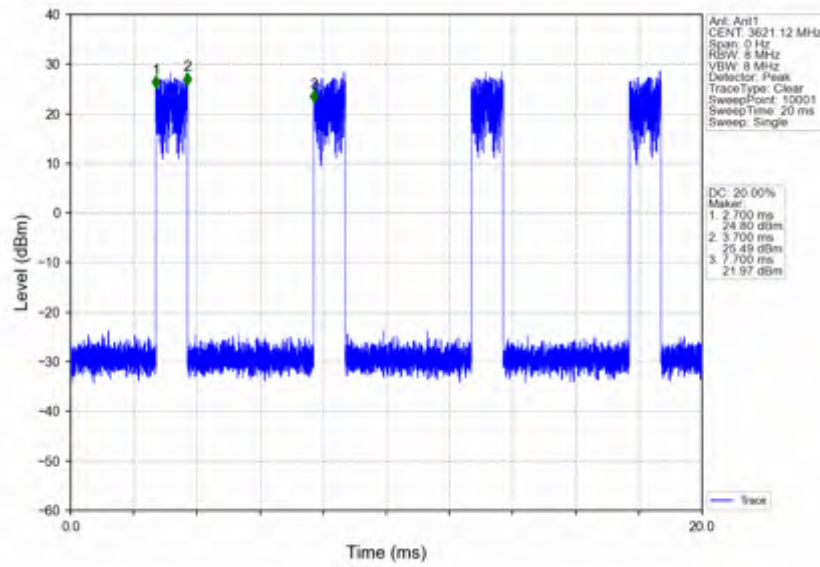
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3624.99MHz_Inner_1RB_Left



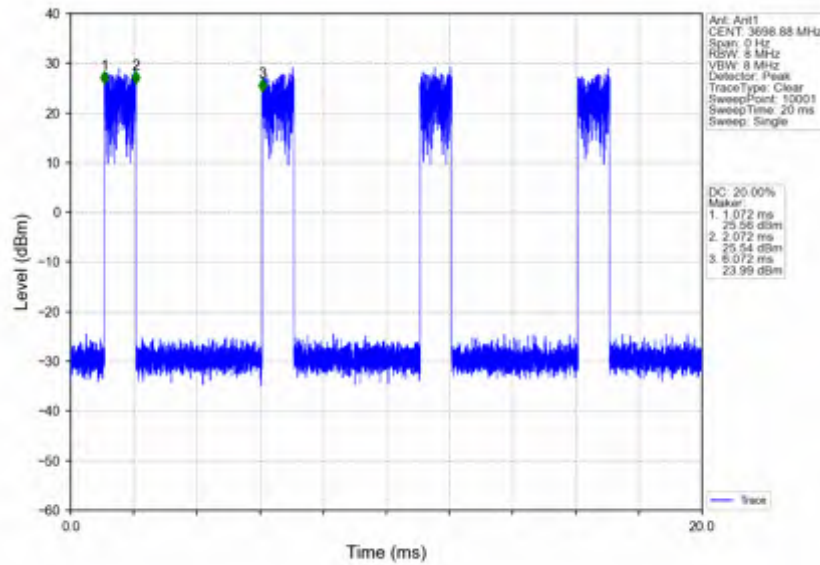
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3624.99MHz_Inner_1RB_Right



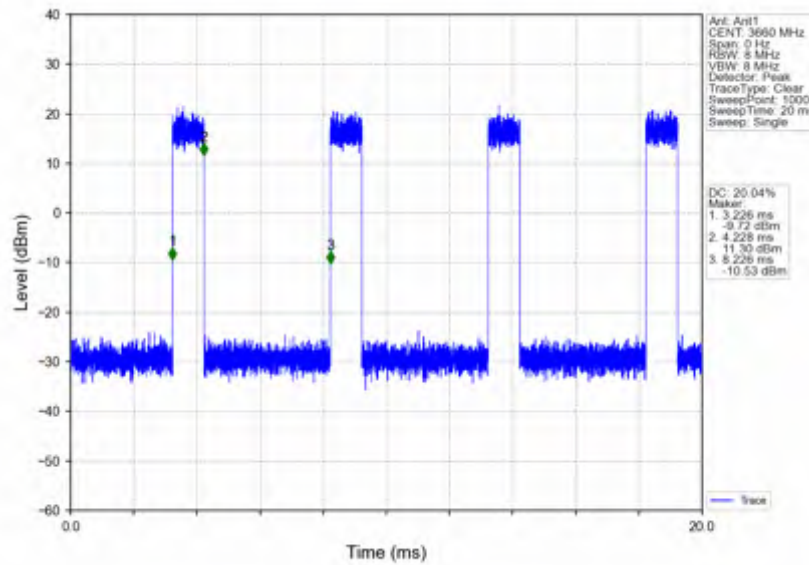
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3660MHz_Edge_1RB_Left



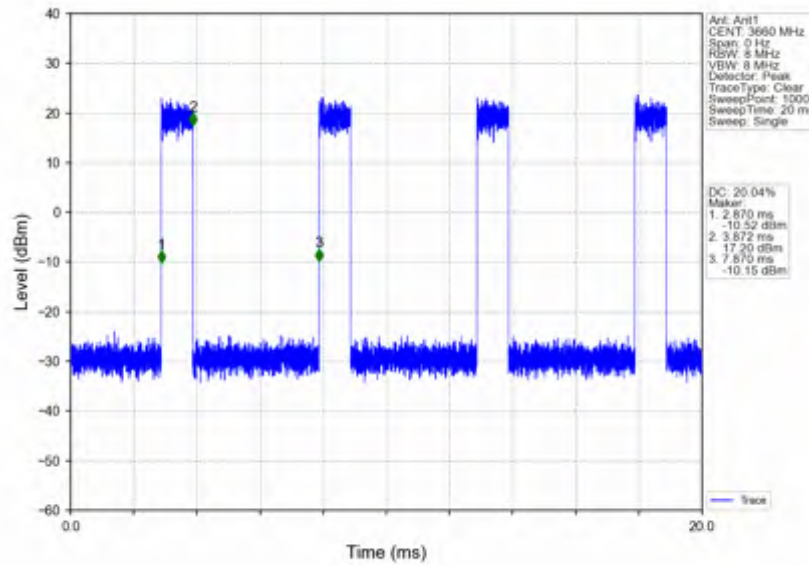
n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3660MHz_Edge_1RB_Right



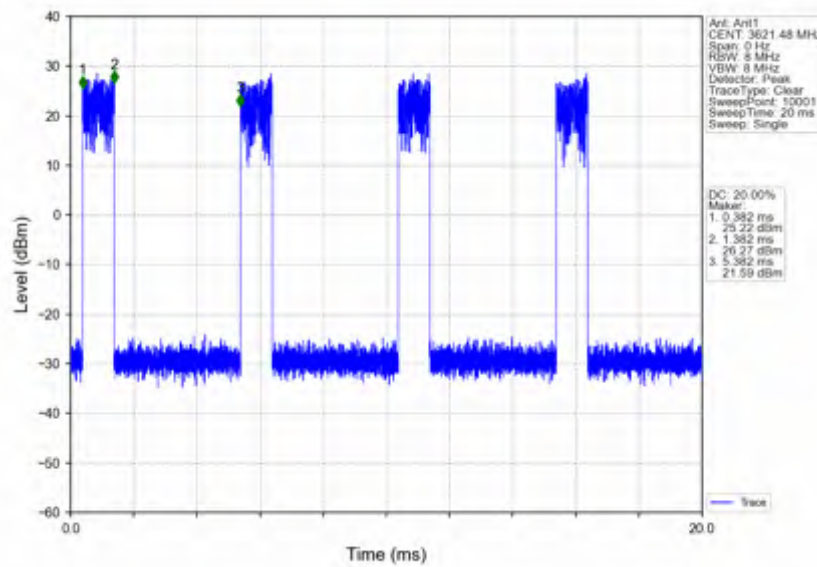
n78(3550-3700MHz) 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3660MHz Outer Full



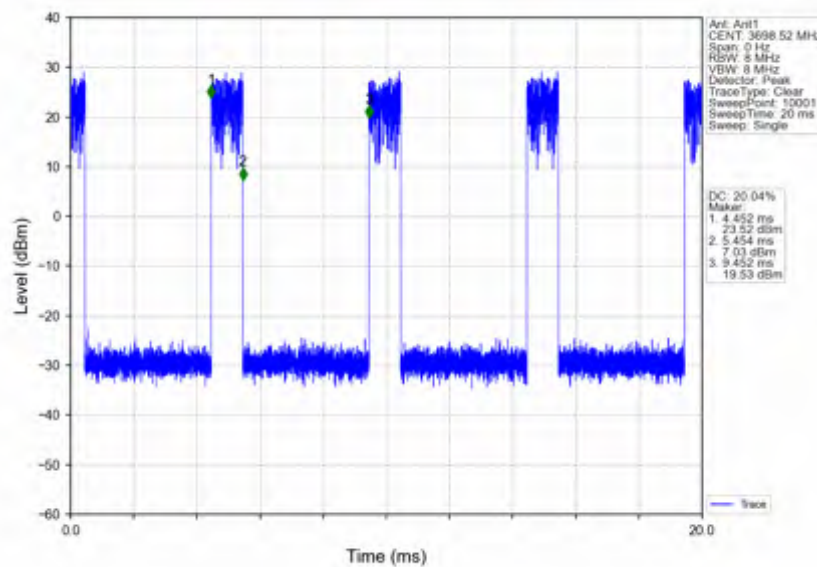
n78(3550-3700MHz) 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3660MHz Inner Full



n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3660MHz_Inner_1RB_Left



n78(3550-3700MHz)_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3660MHz_Inner_1RB_Right



**1.8 30k_SISO_90MHz_NTNV****1.8.1 Test Result**

5G NR n78(3550-3700MHz) SCS=30kHz SISO 90MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
DFT-s-OFDM PI/2 BPSK	3595.02	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3624.99	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3654.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM QPSK	3595.02	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	4.998	20.05	6.98	0.03
		Inner_Full	1.002	5.000	20.04	6.98	0.01
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3654.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
DFT-s-OFDM 16 QAM	3595.02	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00

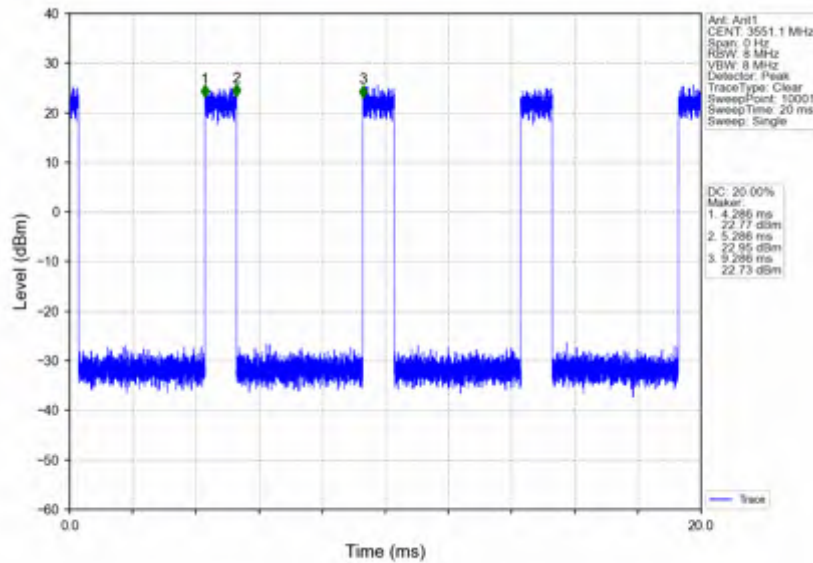
	3654.99	Inner 1RB Right	1.000	5.000	20.00	6.99	0.04
		Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM 64 QAM	3595.02	Edge 1RB Left	1.000	4.998	20.01	6.99	0.03
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.00
		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
	3654.99	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM 256 QAM	3595.02	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.004	5.000	20.08	6.97	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
	3654.99	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
CP-OFDM QPSK	3595.02	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		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	1.002	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
	3654.99	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	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
CP-OFDM 16 QAM	3595.02	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3654.99	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
CP-OFDM 64 QAM	3595.02	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.04
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3654.99	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.004	5.000	20.08	6.97	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
CP-OFDM 256 QAM	3595.02	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3624.99	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	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3654.99	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	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00

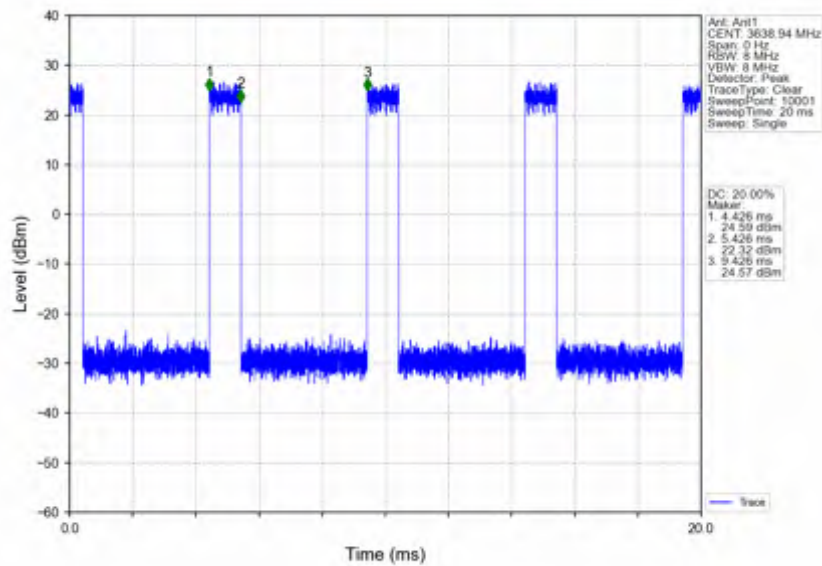


1.8.2 Test Graph

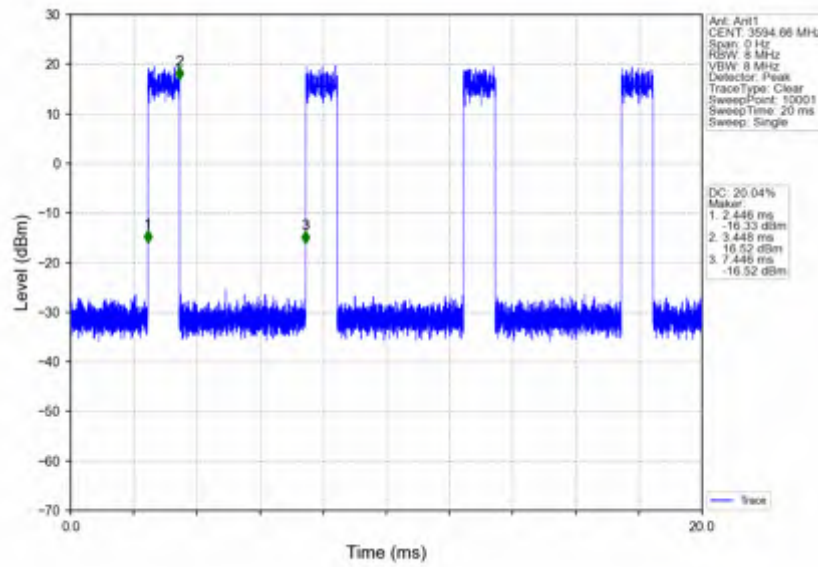
n78(3550-3700MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM PI/2 BPSK 3595.02MHz Edge_1RB_Left



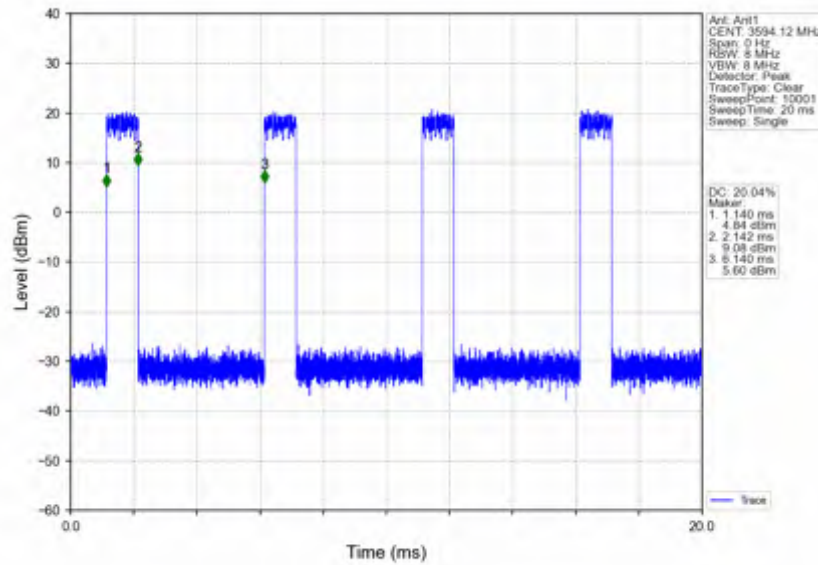
n78(3550-3700MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM PI/2 BPSK 3595.02MHz Edge_1RB_Right



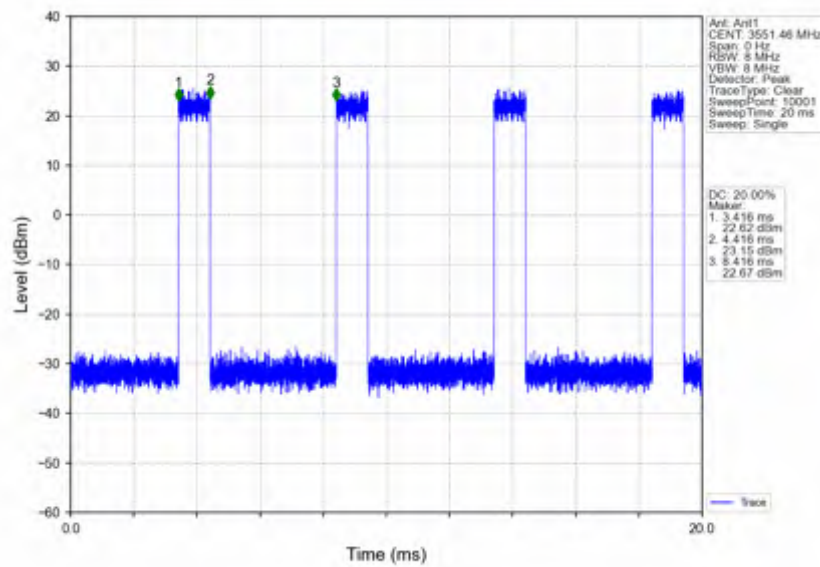
n78(3550-3700MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3595.02MHz_Outer_Full



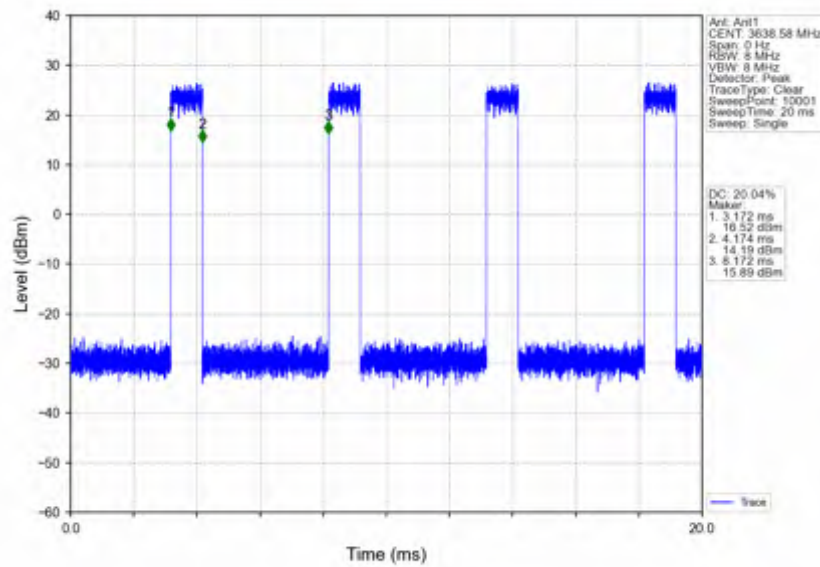
n78(3550-3700MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3595.02MHz_Inner_Full



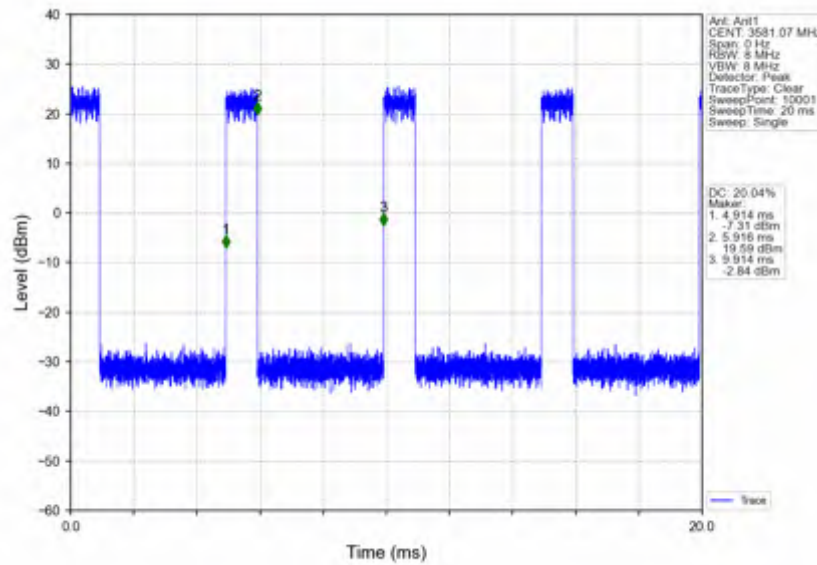
n78(3550-3700MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM PI/2 BPSK 3595.02MHz Inner 1RB Left



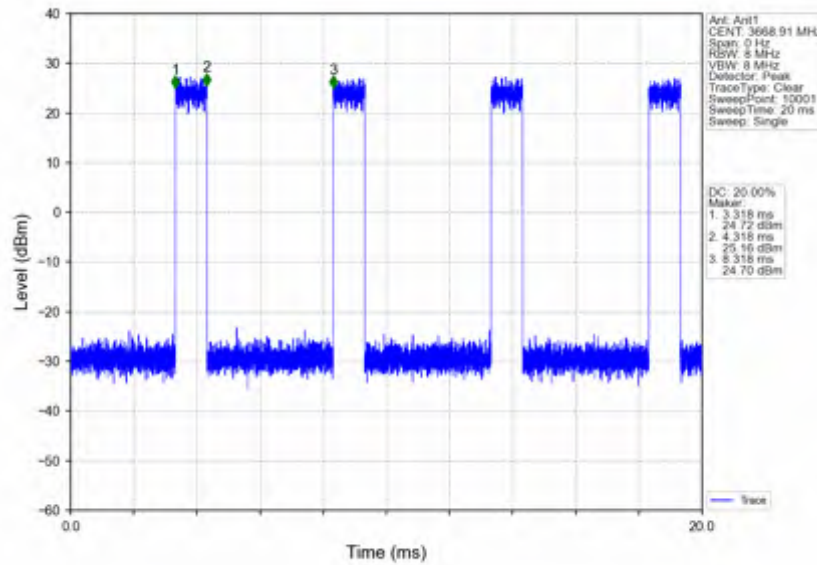
n78(3550-3700MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM PI/2 BPSK 3595.02MHz Inner 1RB Right



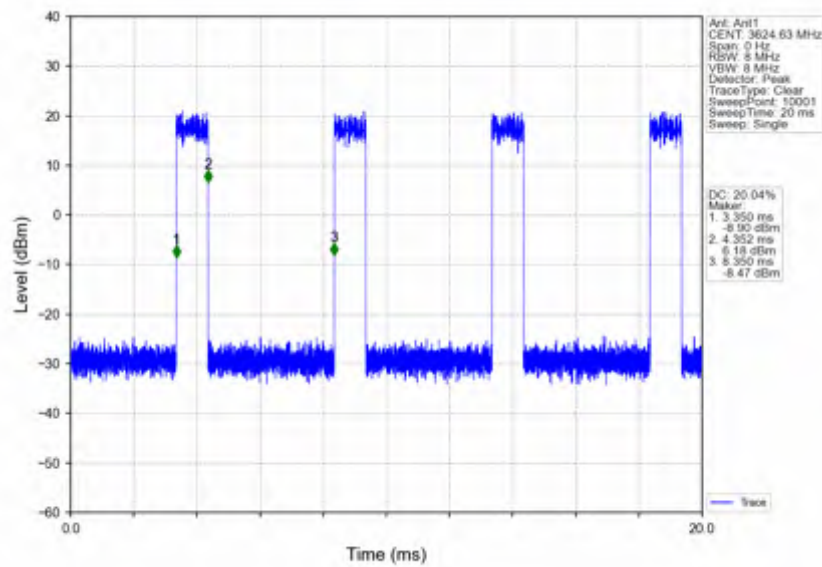
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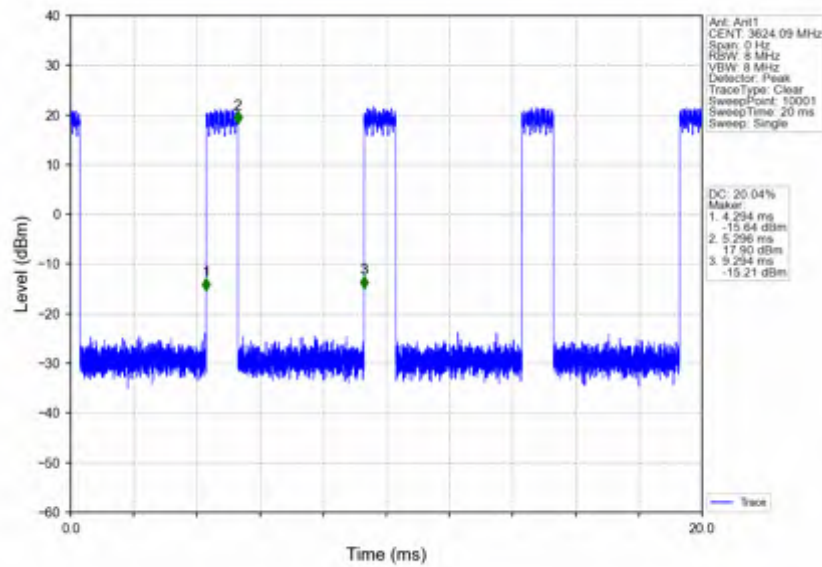
n78(3550-3700MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM PI/2 BPSK 3624.99MHz Edge 1RB Right



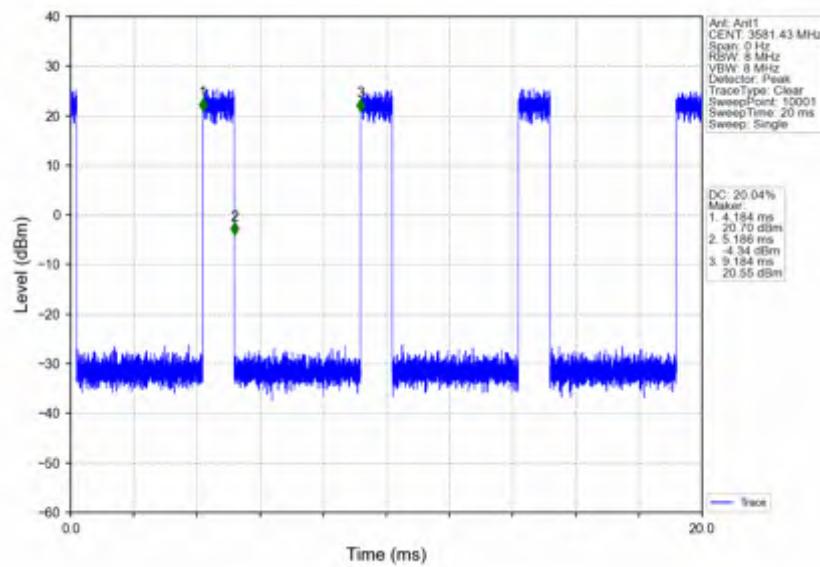
n78(3550-3700MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full



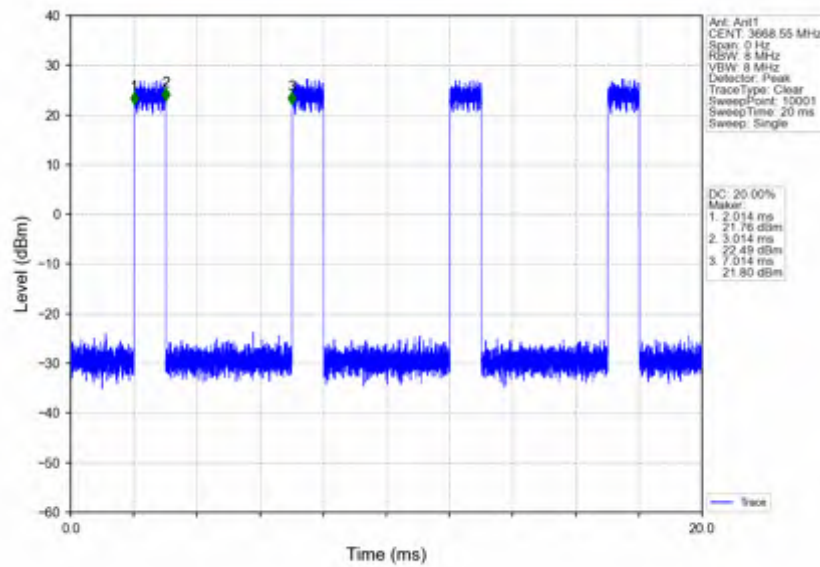
n78(3550-3700MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Inner_Full



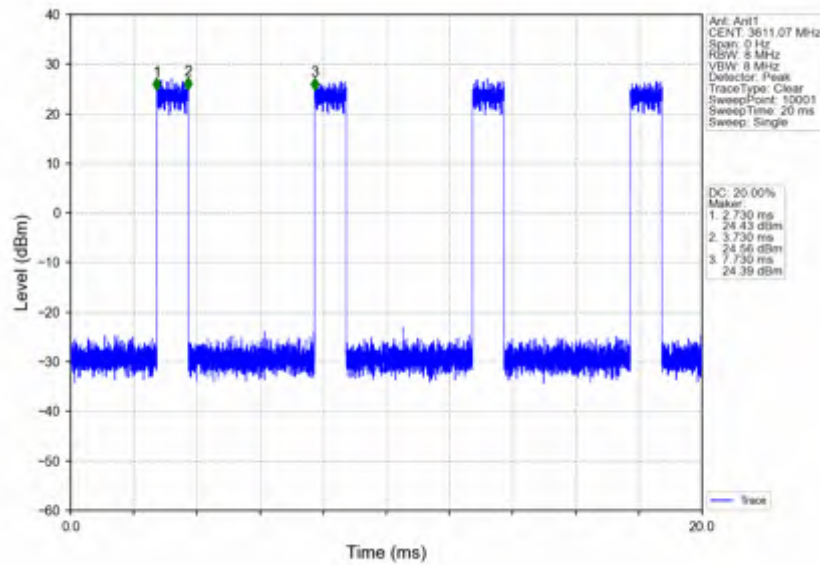
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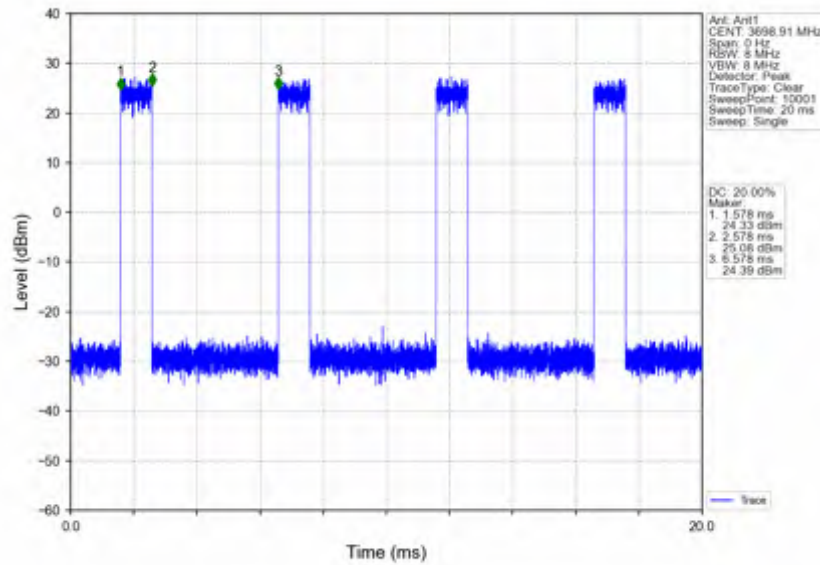
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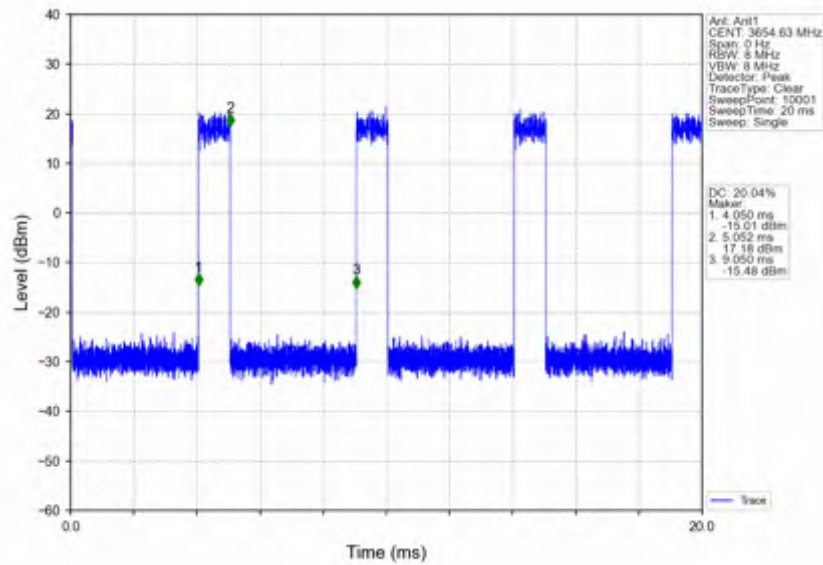
n78(3550-3700MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM PI/2 BPSK 3654.99MHz Edge 1RB Left



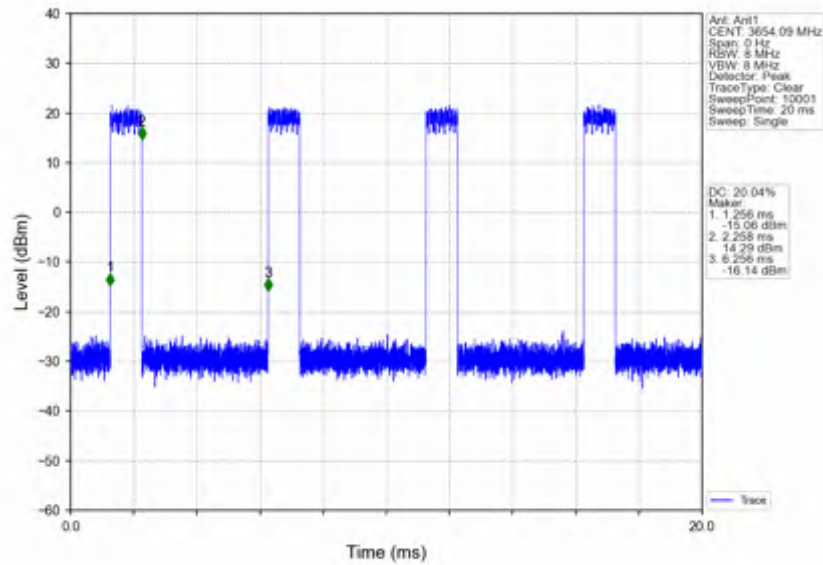
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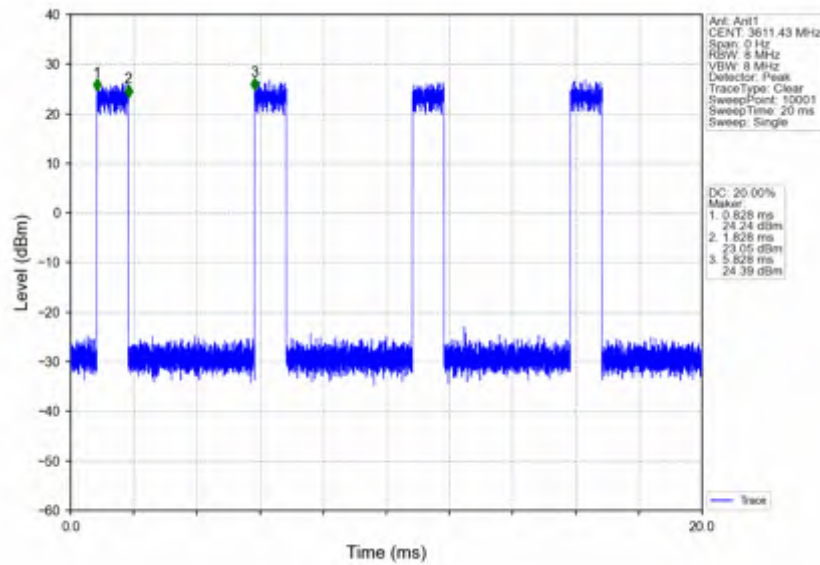
n78(3550-3700MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3654.99MHz_Outer_Full



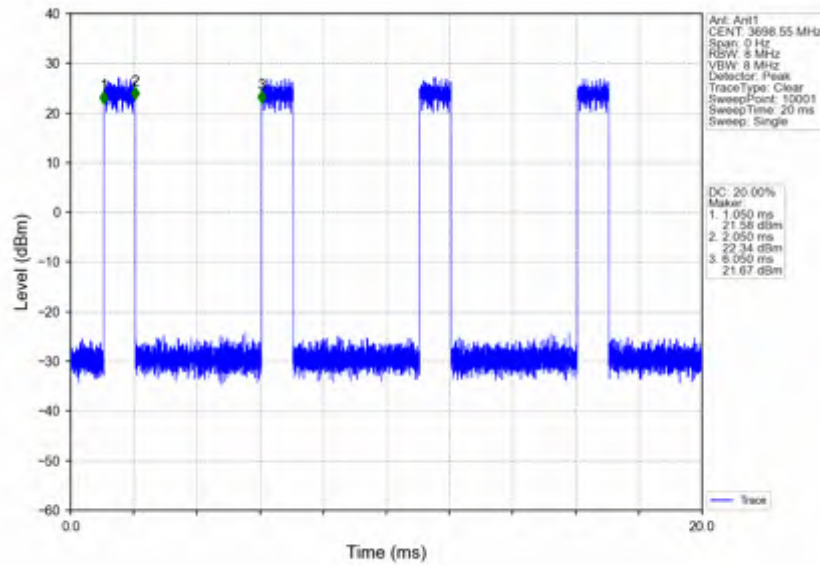
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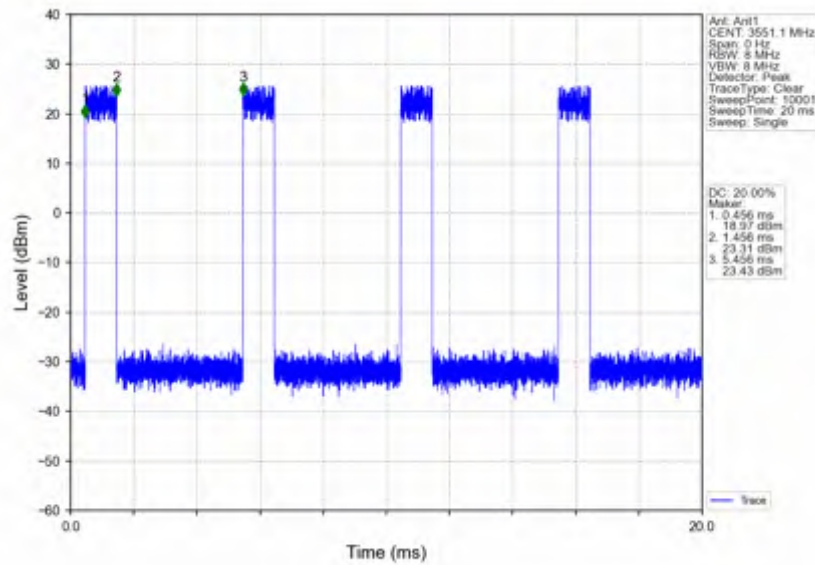
n78(3550-3700MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM PI/2 BPSK 3654.99MHz Inner 1RB Left



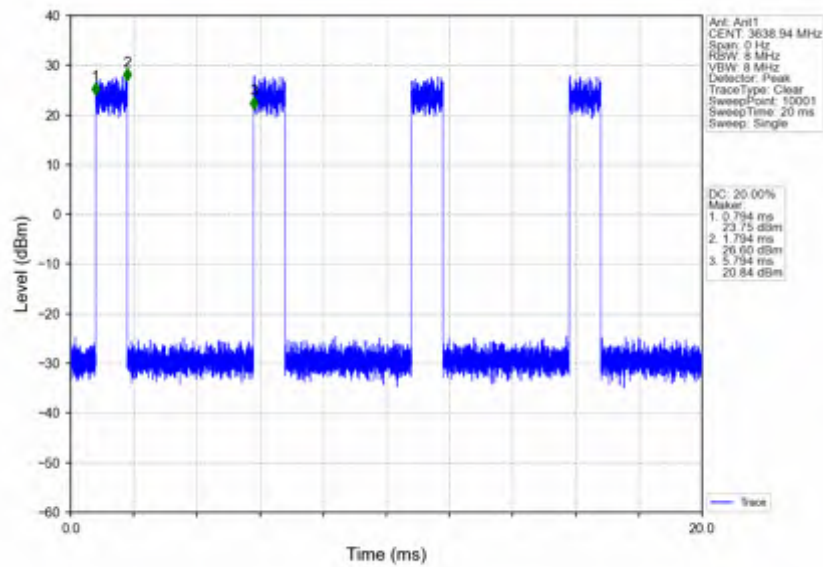
n78(3550-3700MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM PI/2 BPSK 3654.99MHz Inner 1RB Right



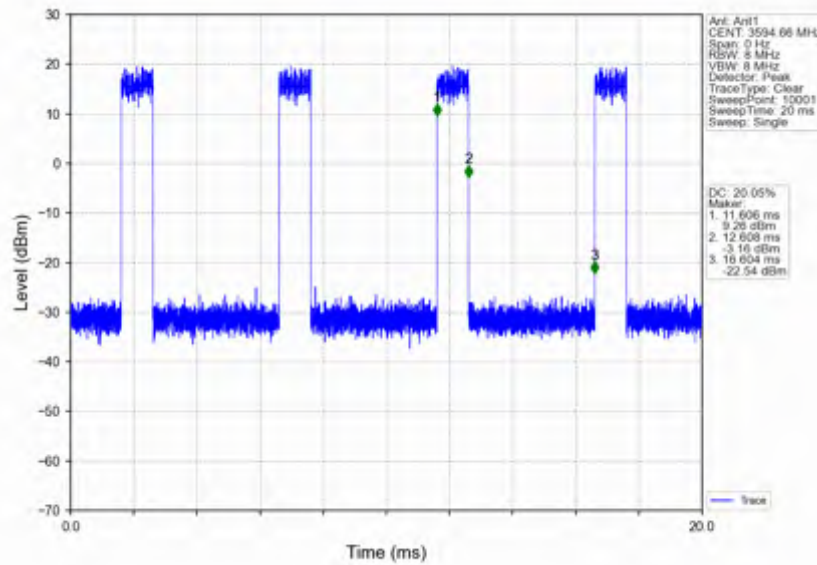
n78(3550-3700MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3595.02MHz_Edge_1RB_Left



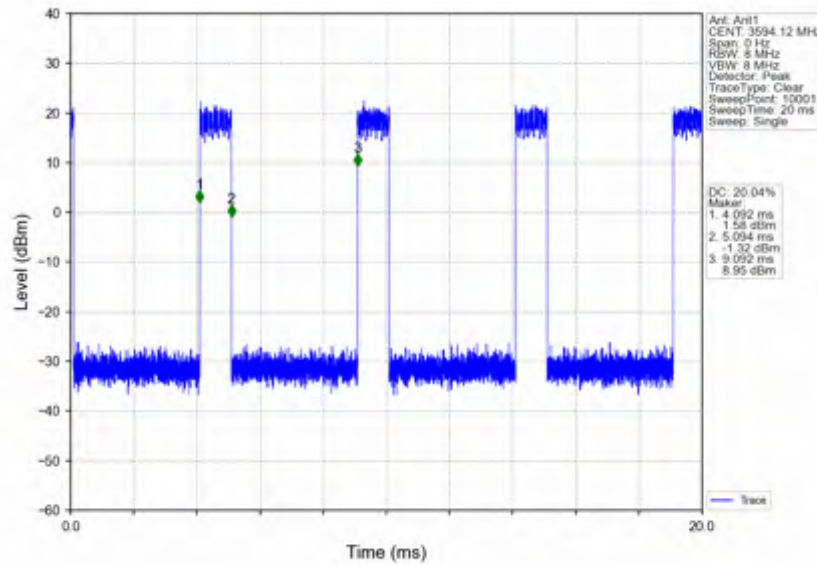
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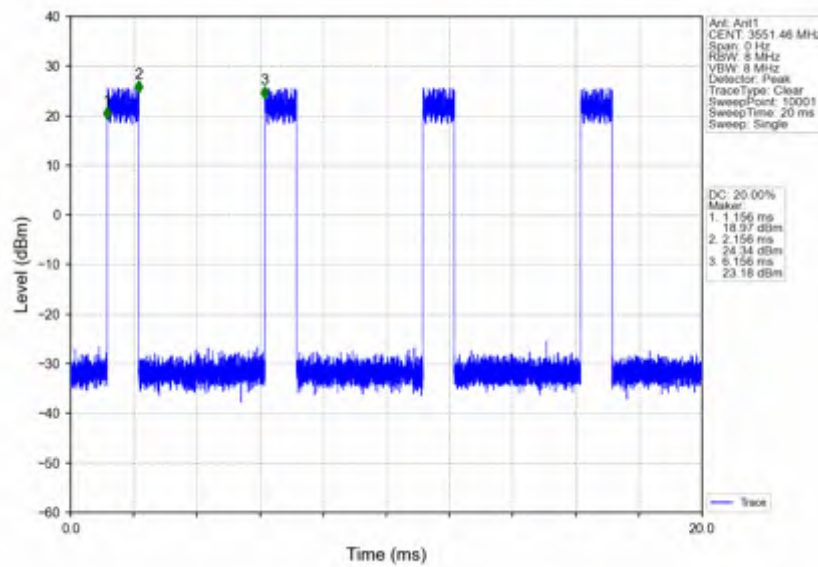
n78(3550-3700MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3595.02MHz Outer Full



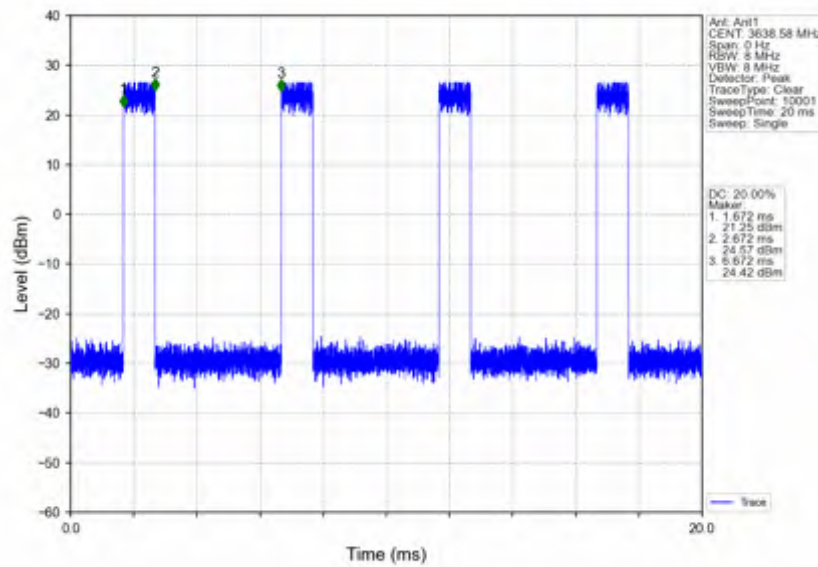
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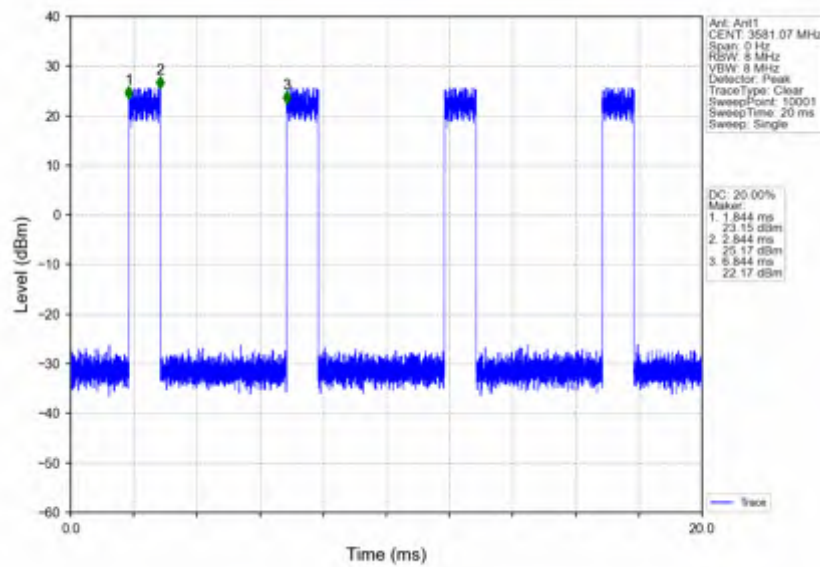
n78(3550-3700MHz) 30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK 3595.02MHz_Inner_1RB_Left



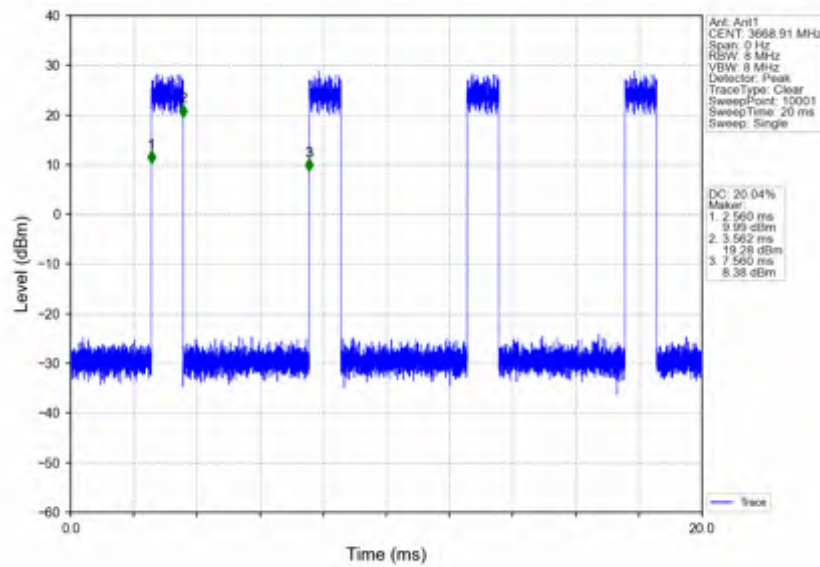
n78(3550-3700MHz) 30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK 3595.02MHz_Inner_1RB_Right



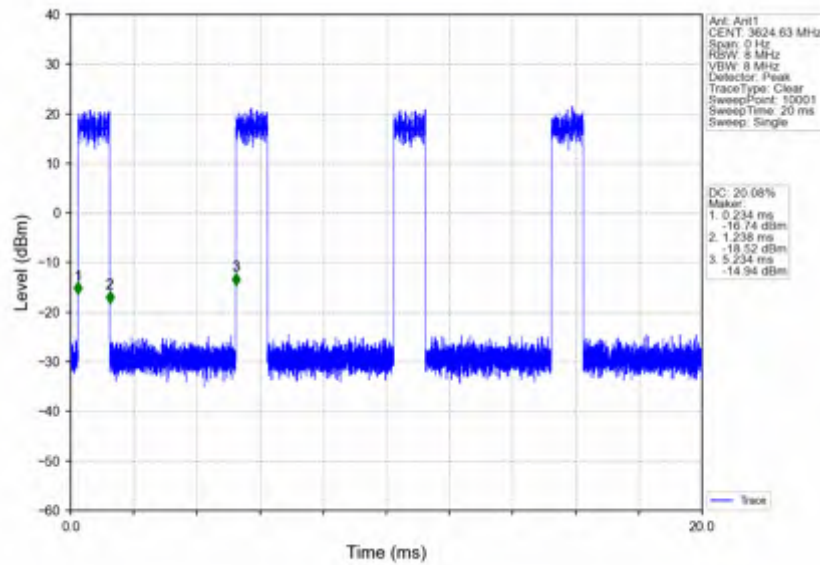
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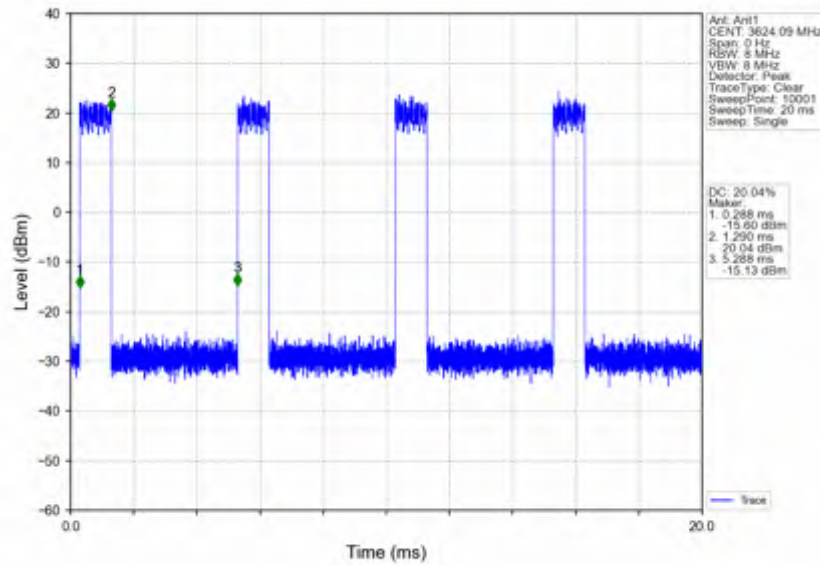
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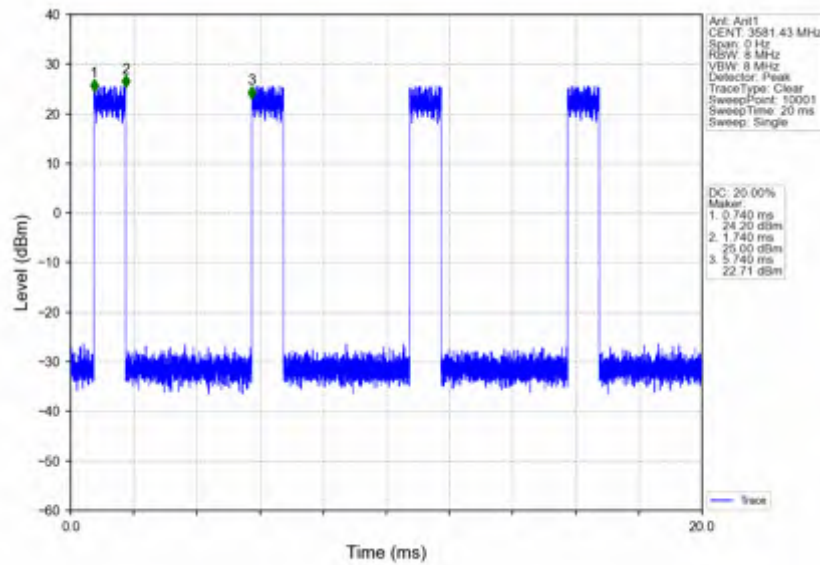
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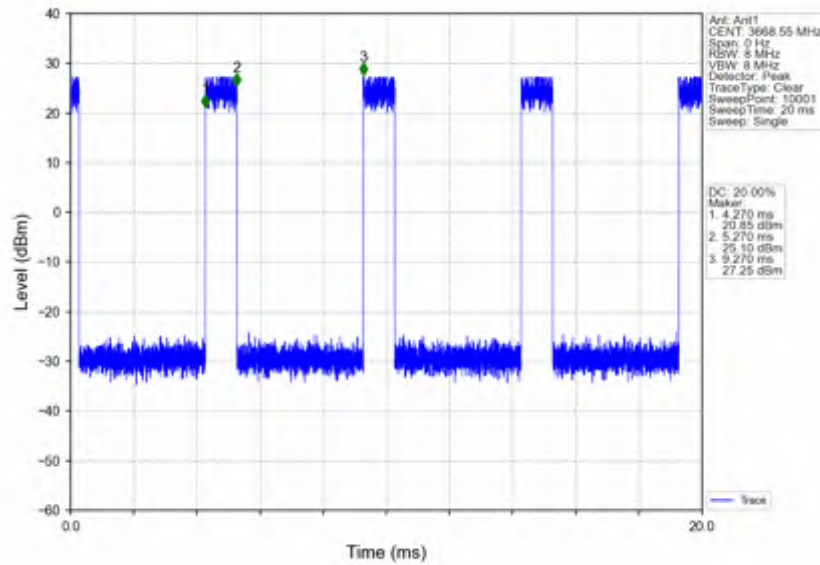
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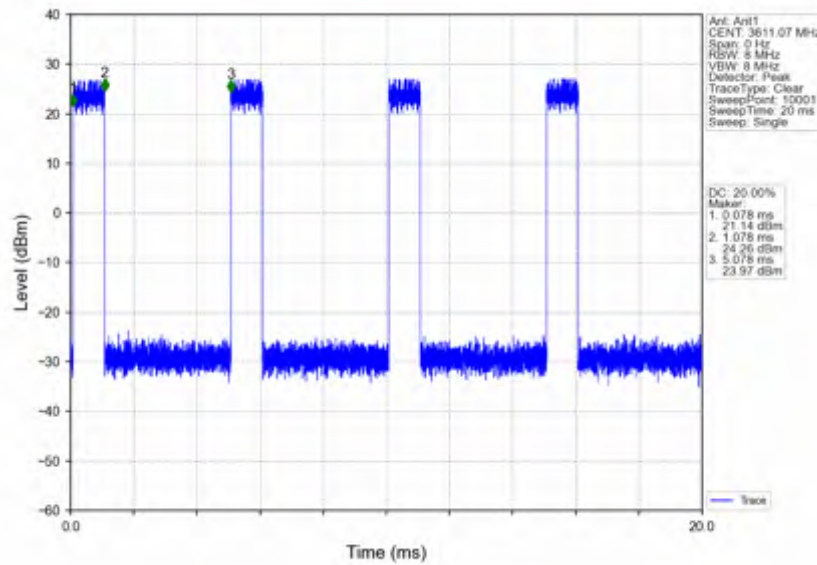
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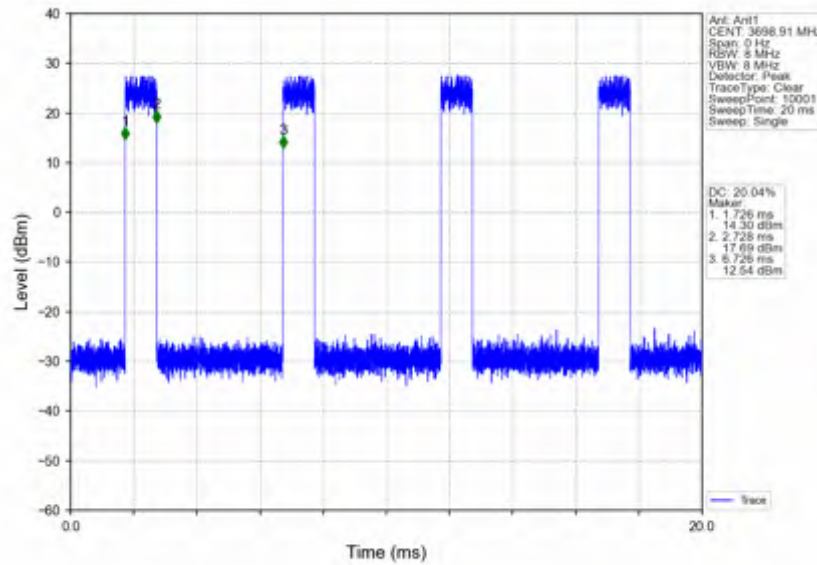
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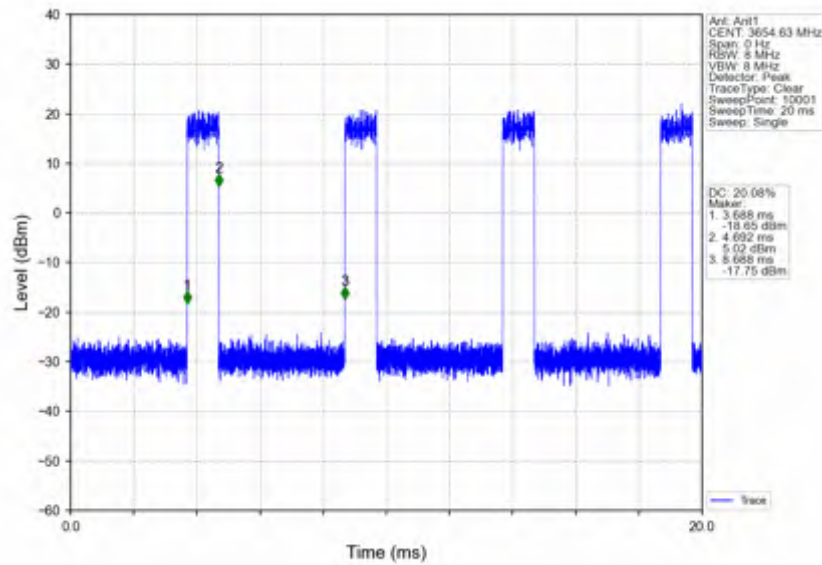
n78(3550-3700MHz) 30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK 3654.99MHz_Edge_1RB_Left



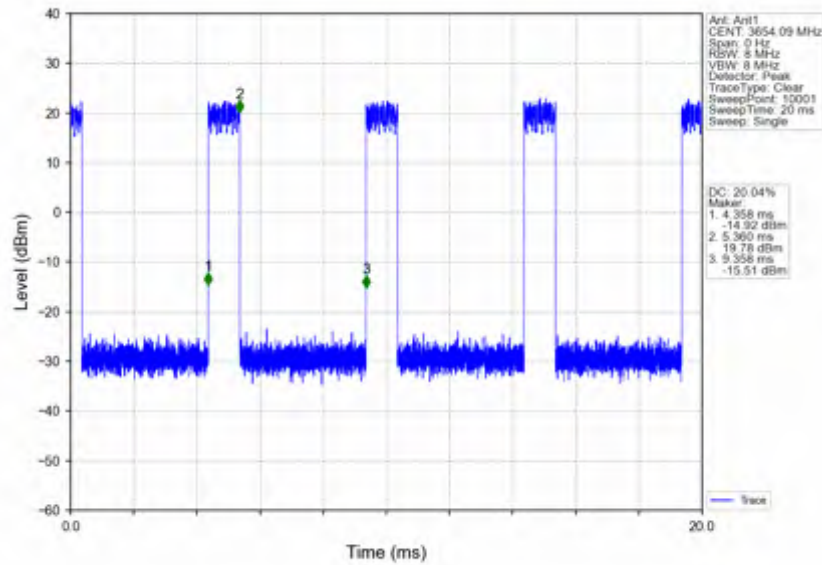
n78(3550-3700MHz) 30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK 3654.99MHz_Edge_1RB_Right



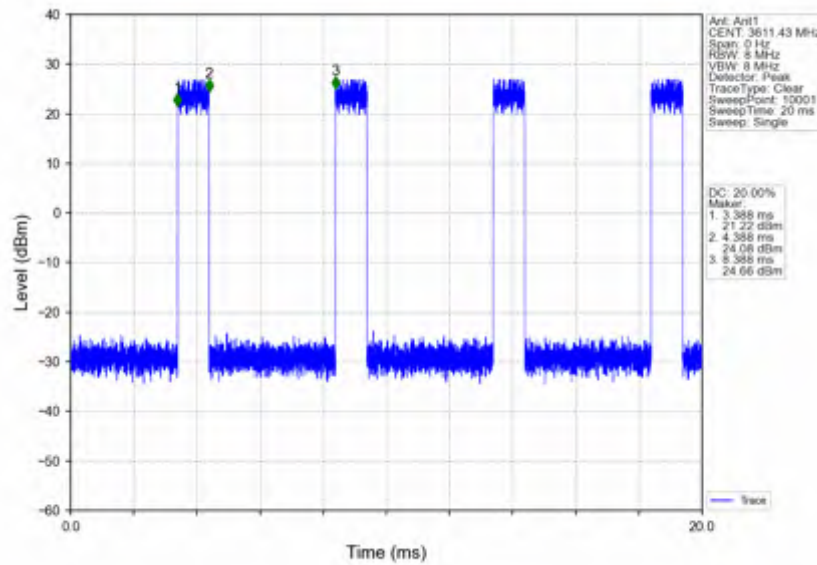
n78(3550-3700MHz) 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 3654.99MHz Outer Full



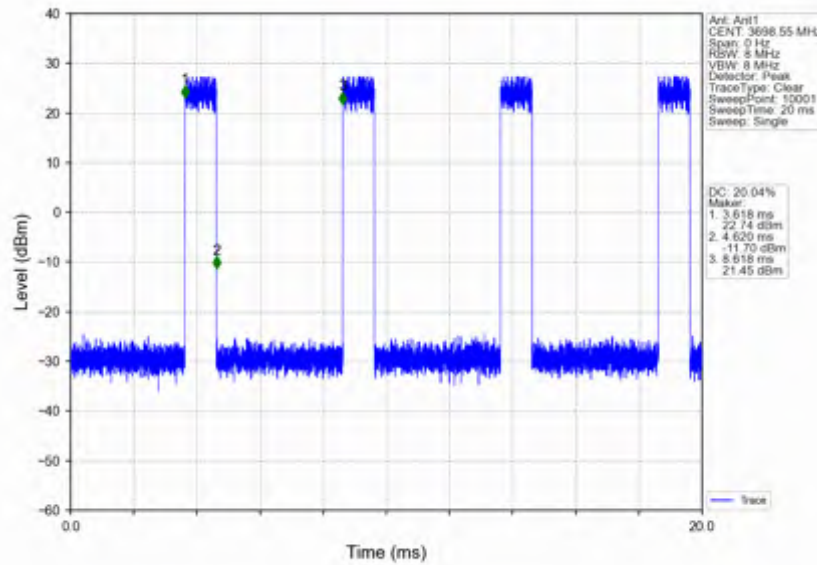
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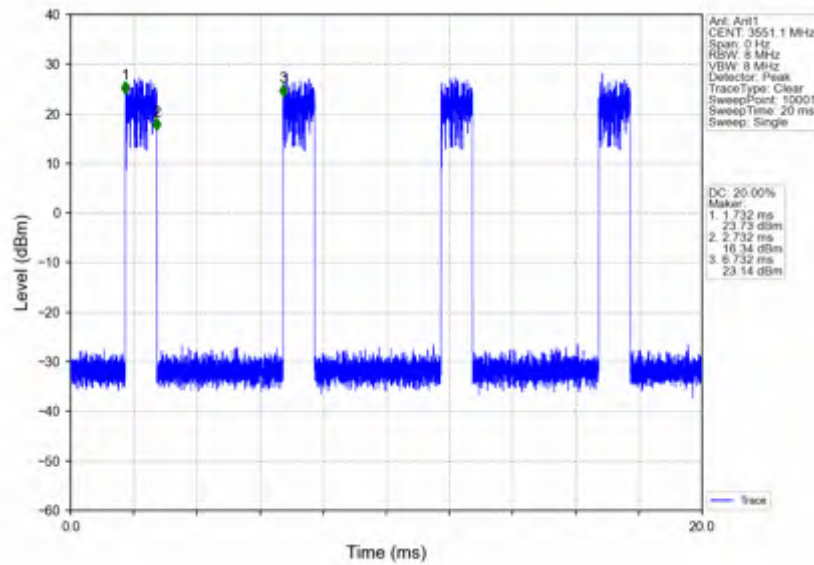
n78(3550-3700MHz) 30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3654.99MHz_Inner_1RB_Left



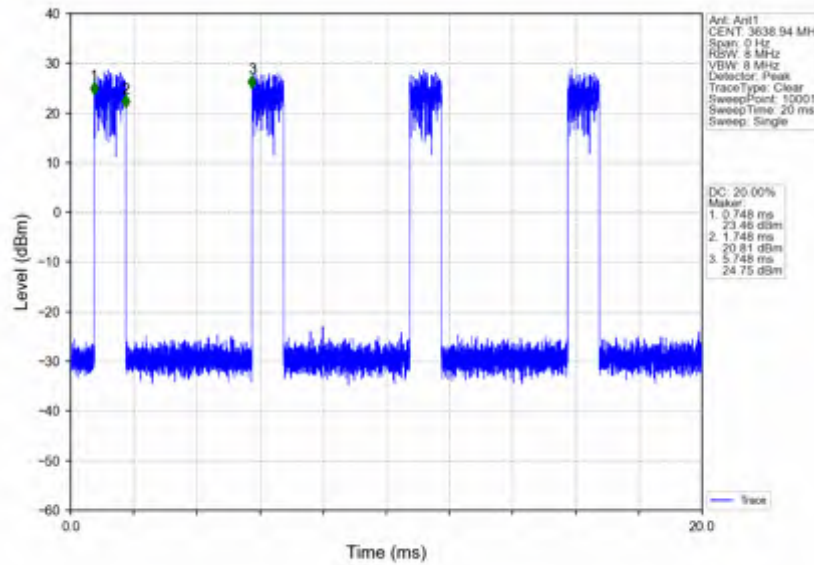
n78(3550-3700MHz) 30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3654.99MHz_Inner_1RB_Right



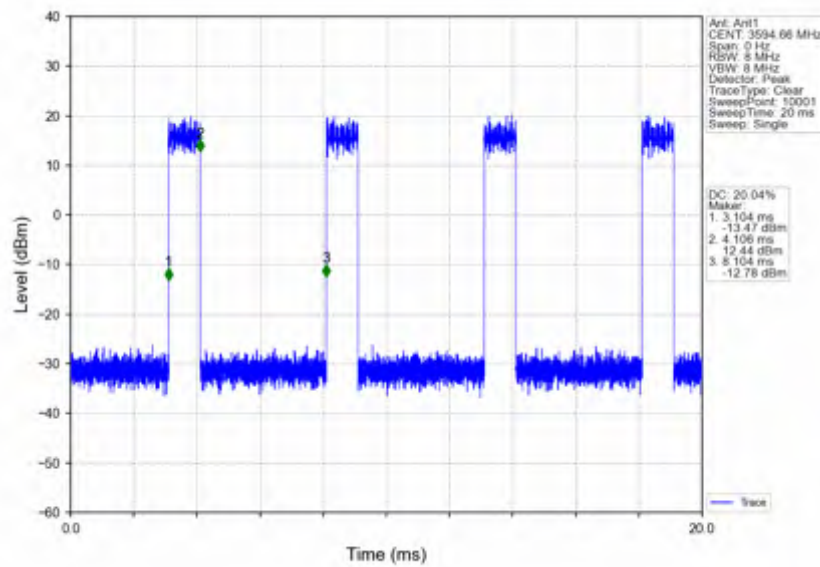
n78(3550-3700MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3595.02MHz_Edge_1RB_Left



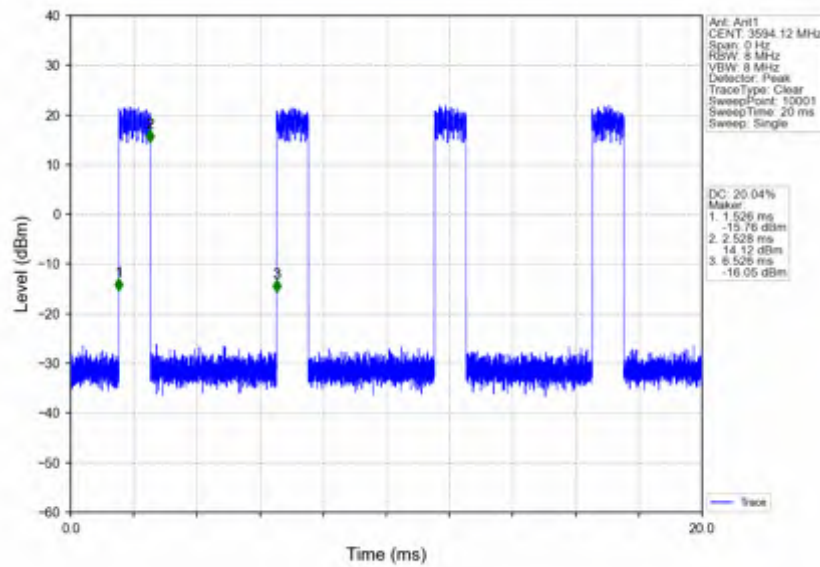
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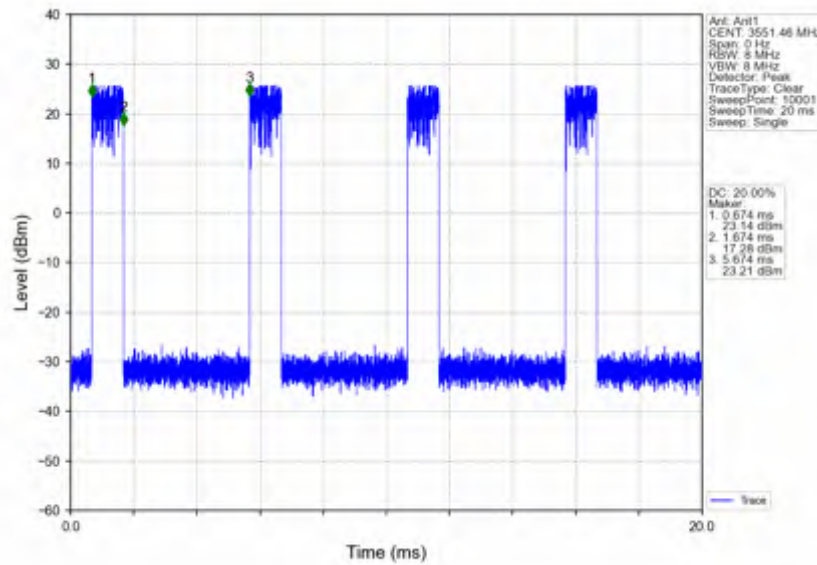
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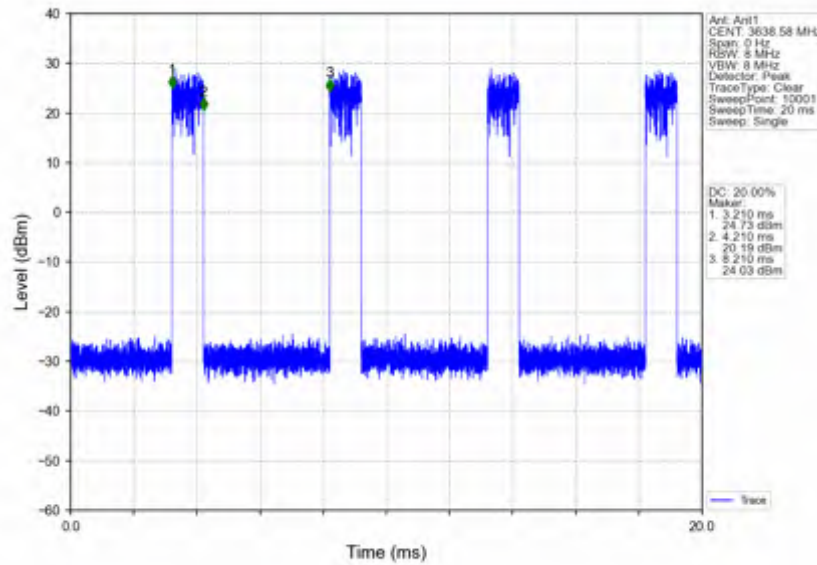
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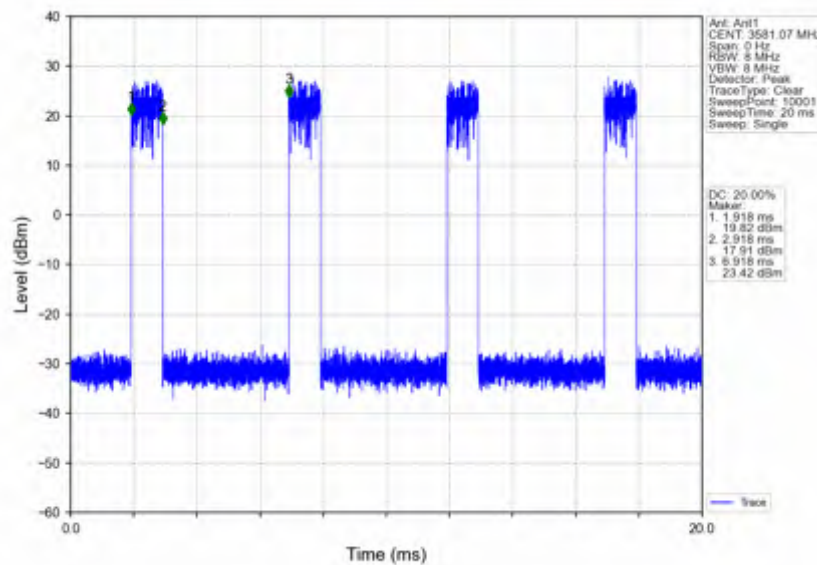
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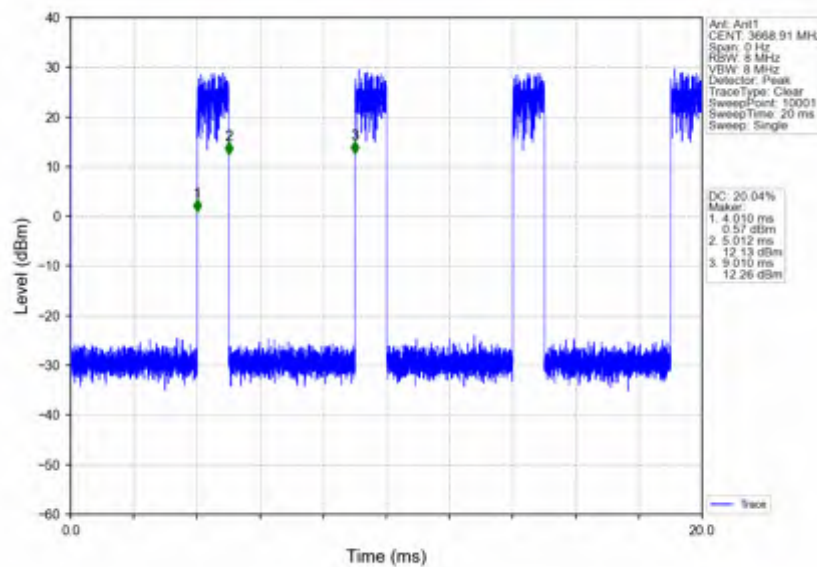
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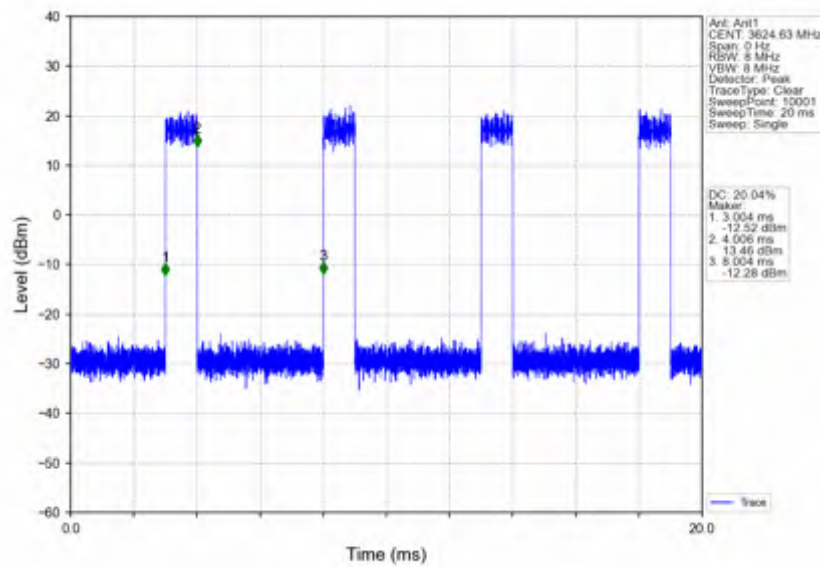
n78(3550-3700MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3624.99MHz_Edge_1RB_Left



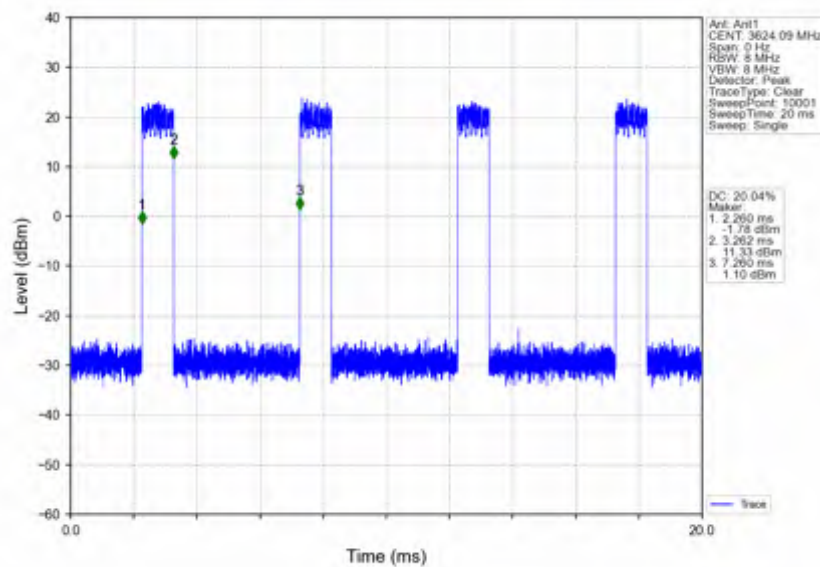
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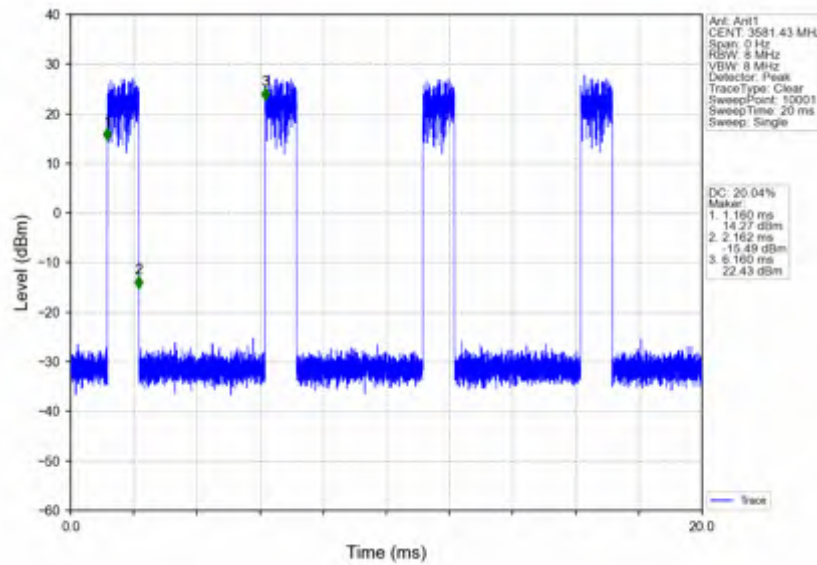
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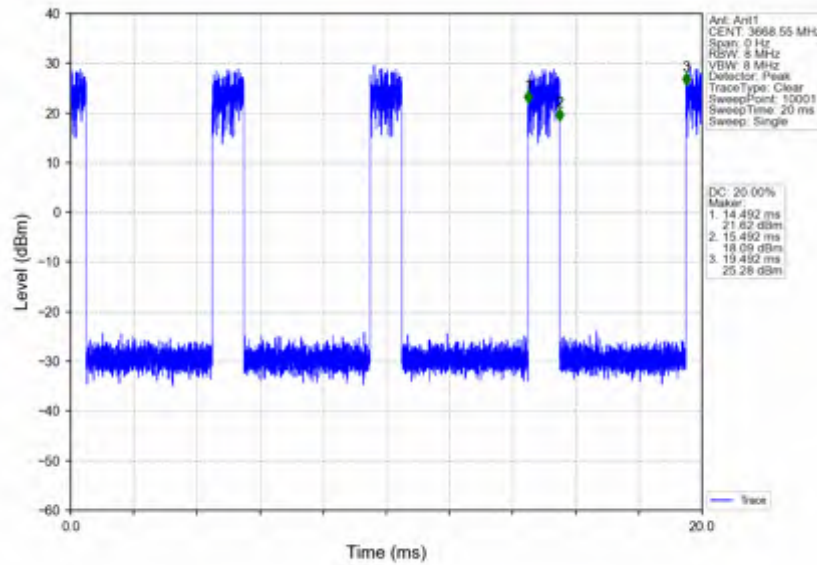
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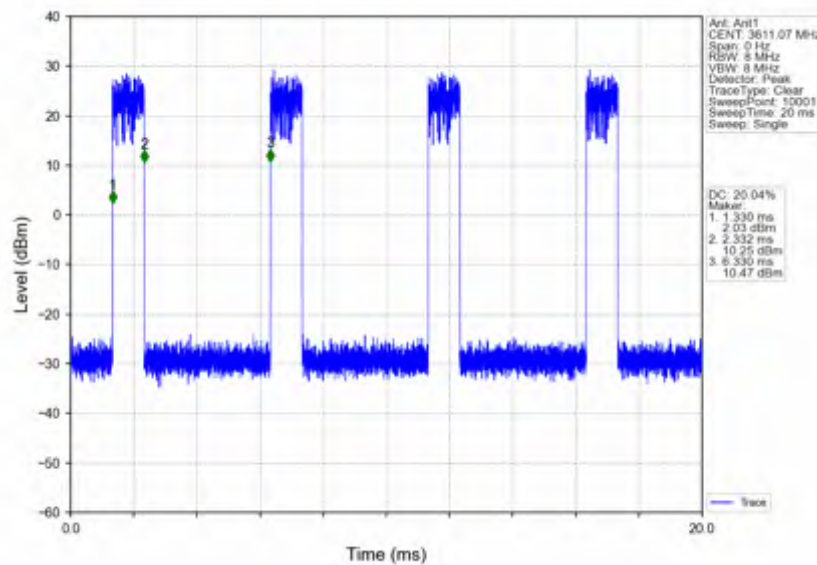
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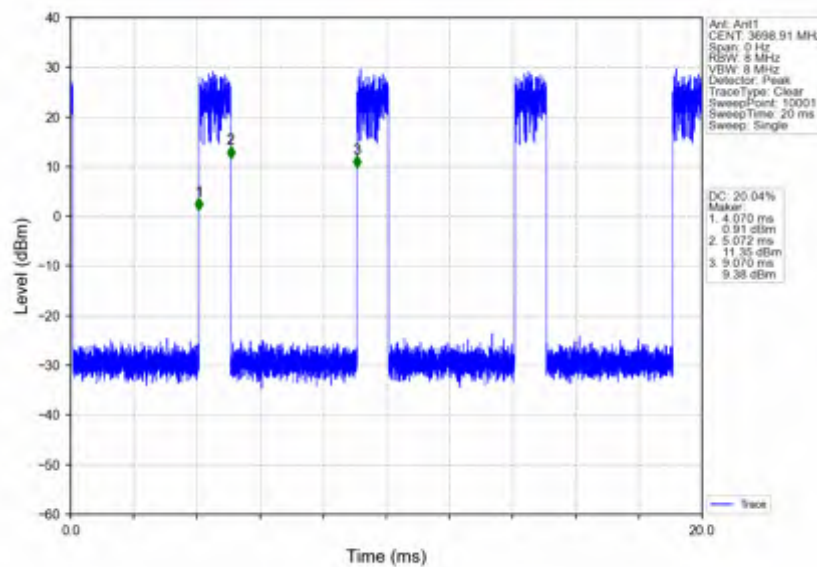
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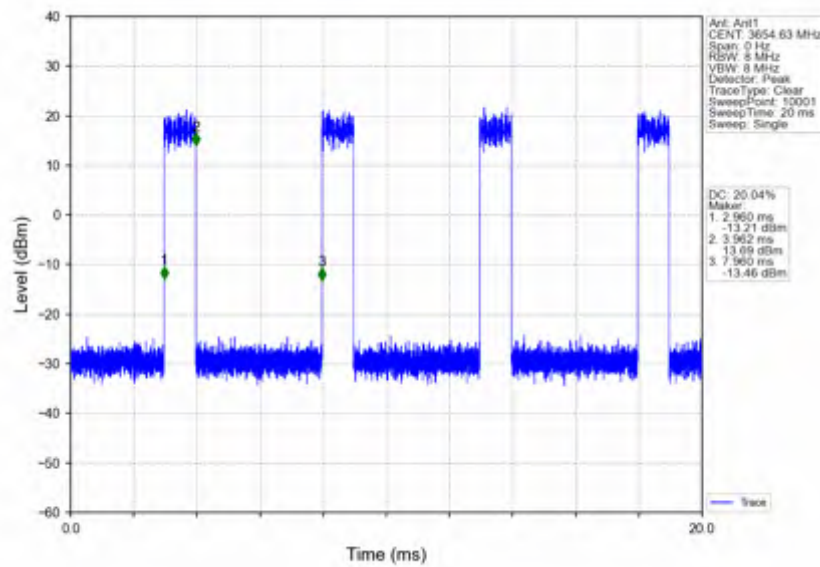
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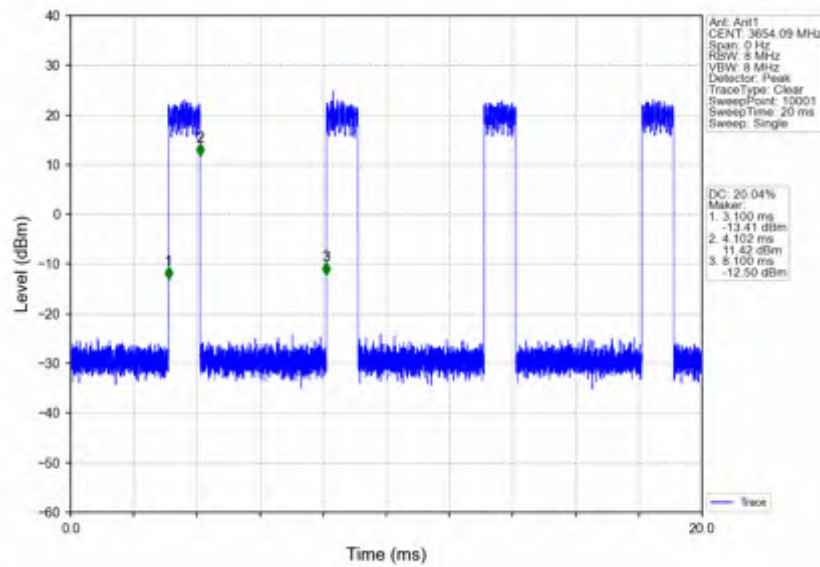
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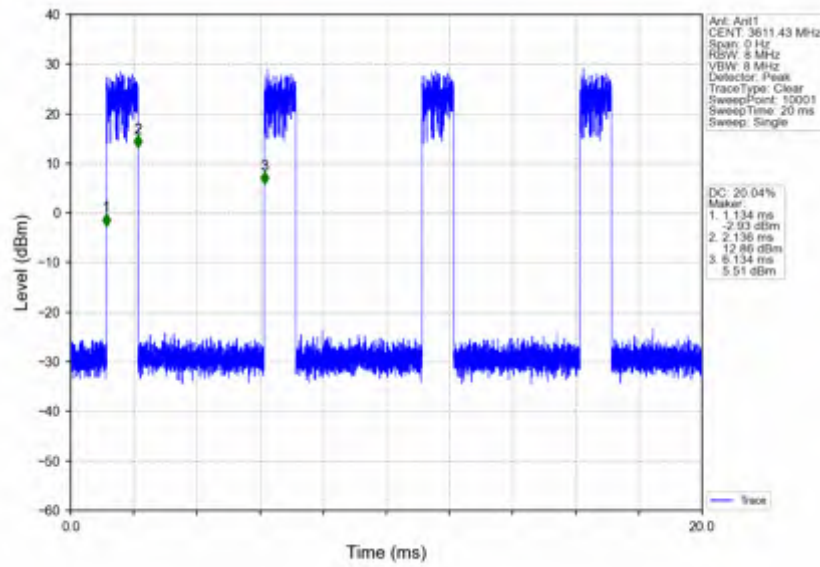
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n78(3550-3700MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3654.99MHz_Inner_Full



n78(3550-3700MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3654.99MHz_Inner_1RB_Left



n78(3550-3700MHz)_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3654.99MHz_Inner_1RB_Right

