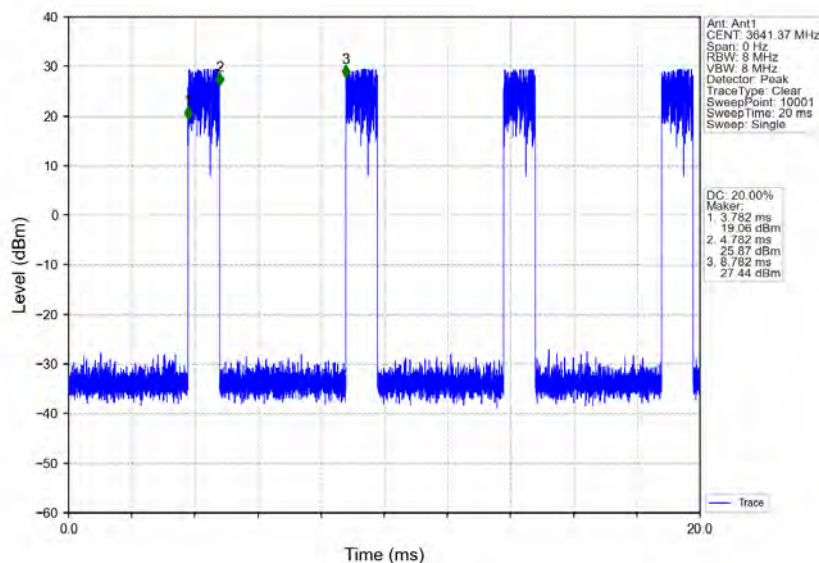
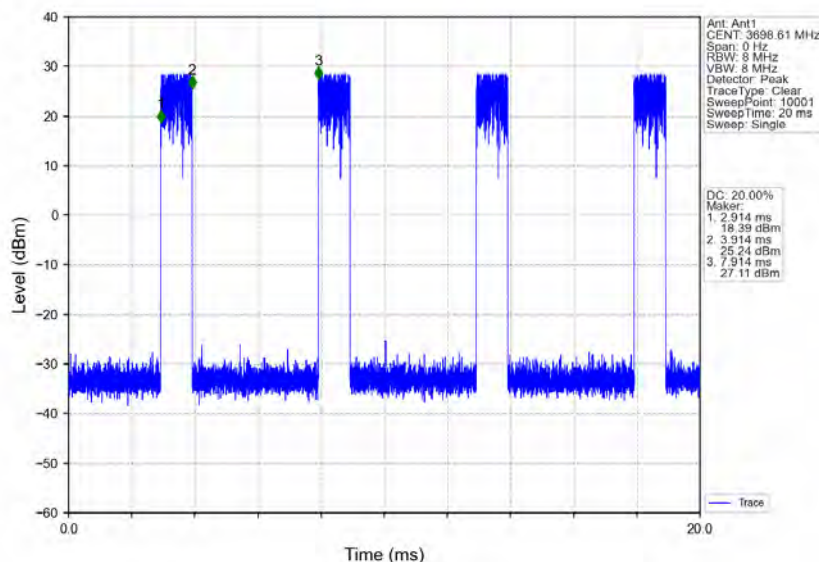


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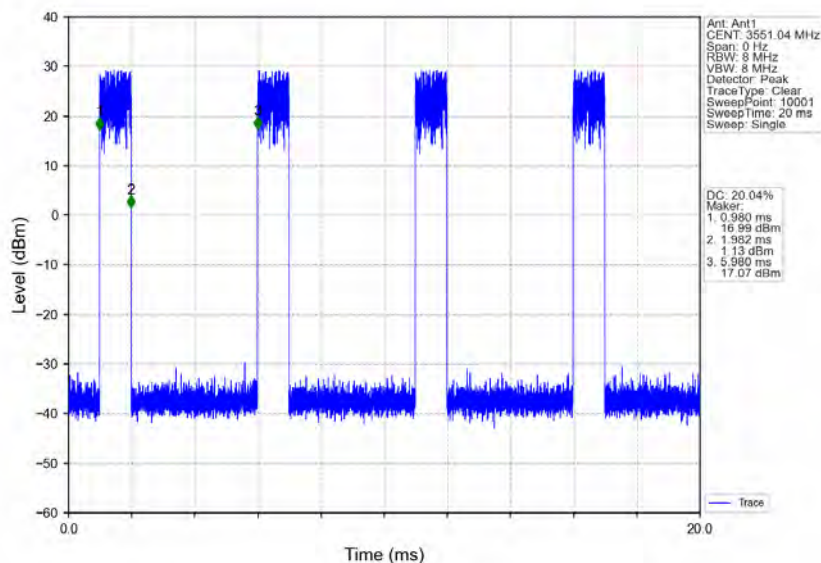
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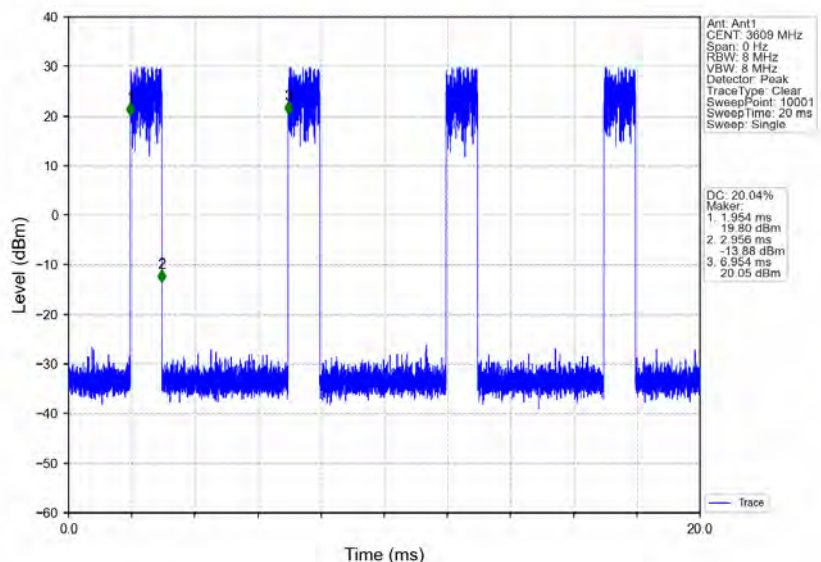
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n78d_30kHz_MIMO_NTNV_60MHz_CP-OFDM_16_QAM_3580.02MHz_Edge_1RB_Left



n78d_30kHz_MIMO_NTNV_60MHz_CP-OFDM_16_QAM_3580.02MHz_Edge_1RB_Right



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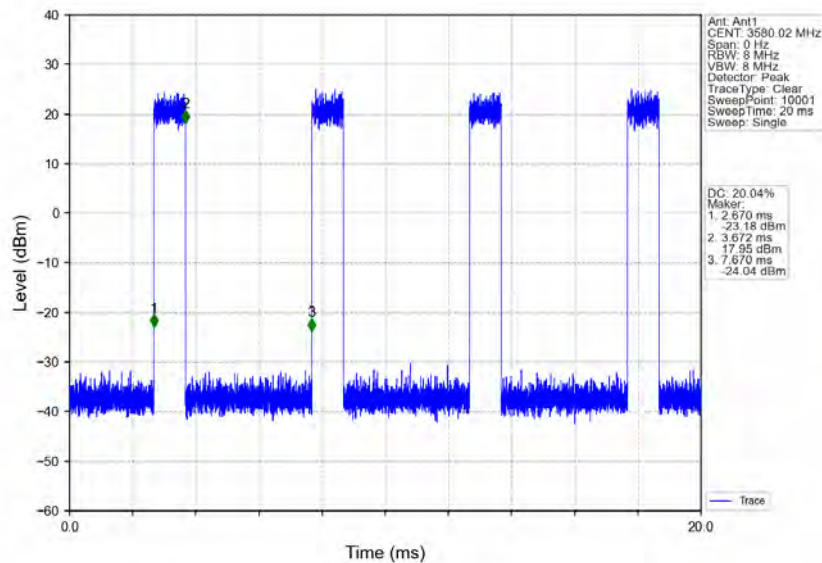
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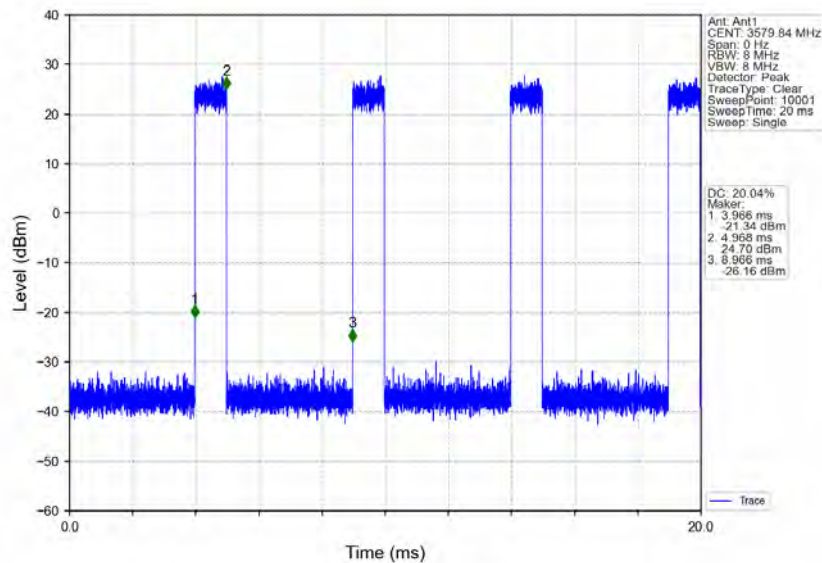
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n78d_30kHz_MIMO_NTNV_60MHz_CP-OFDM_16_QAM_3580.02MHz_Outer_Full



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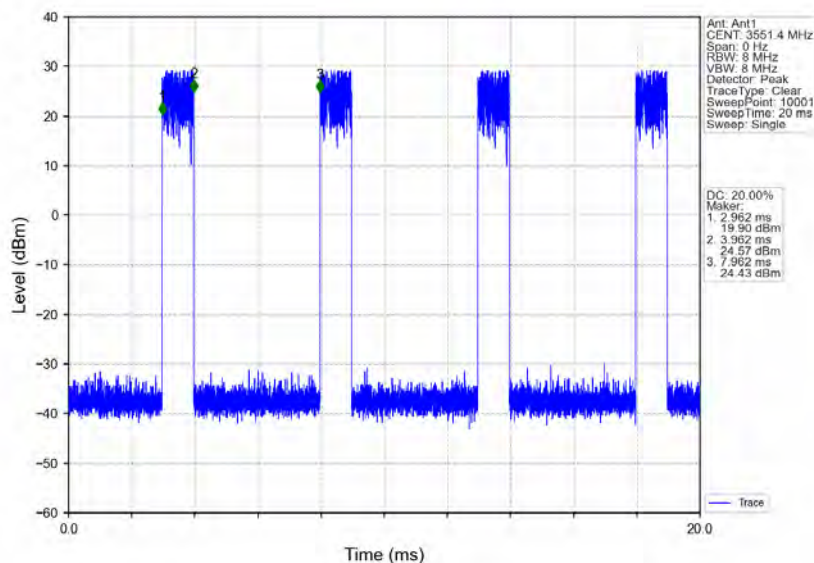
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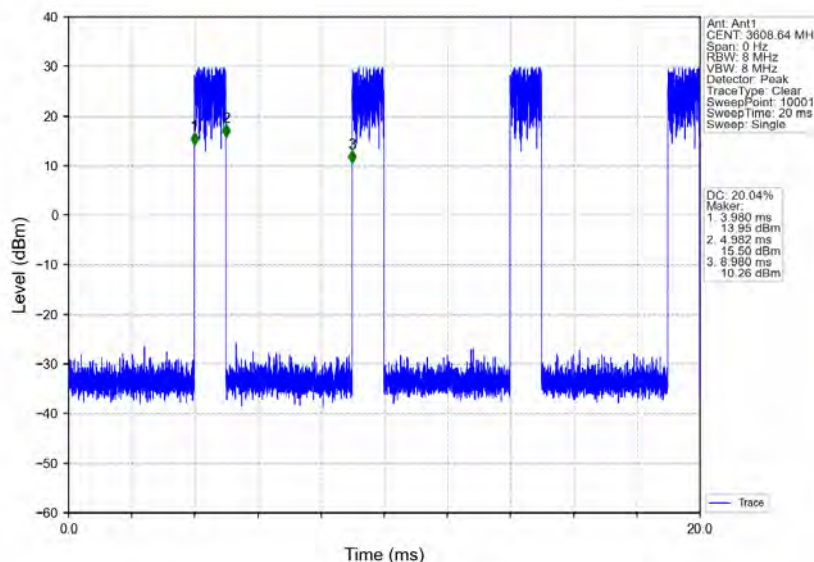
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n78d_30kHz_MIMO_NTNV_60MHz_CP-OFDM_16_QAM_3580.02MHz_Inner_1RB_Left



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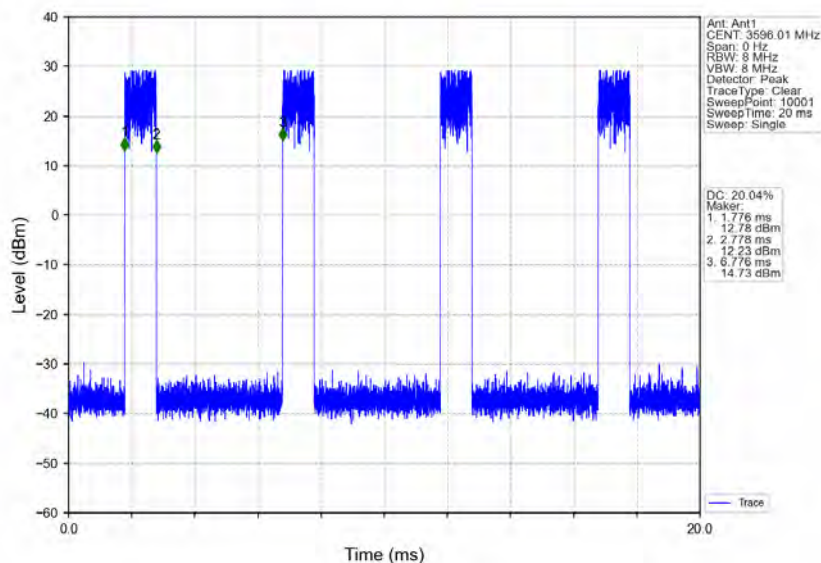
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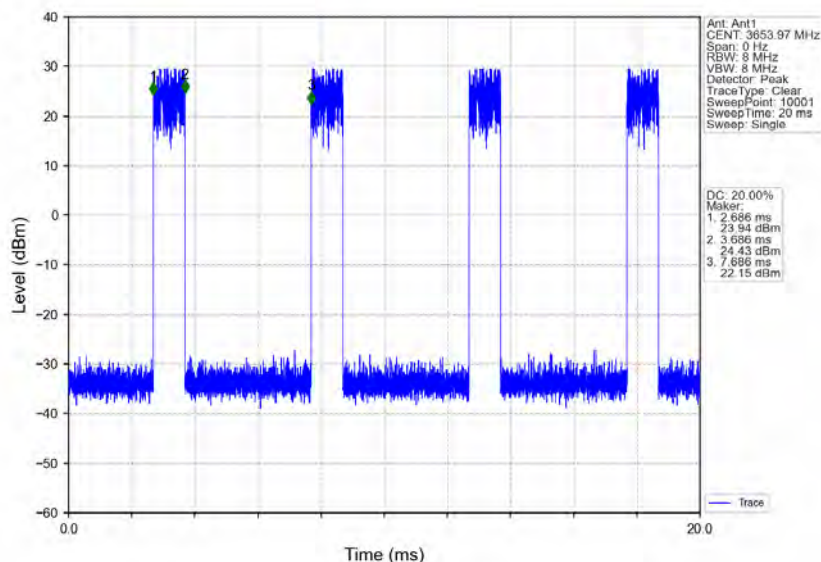
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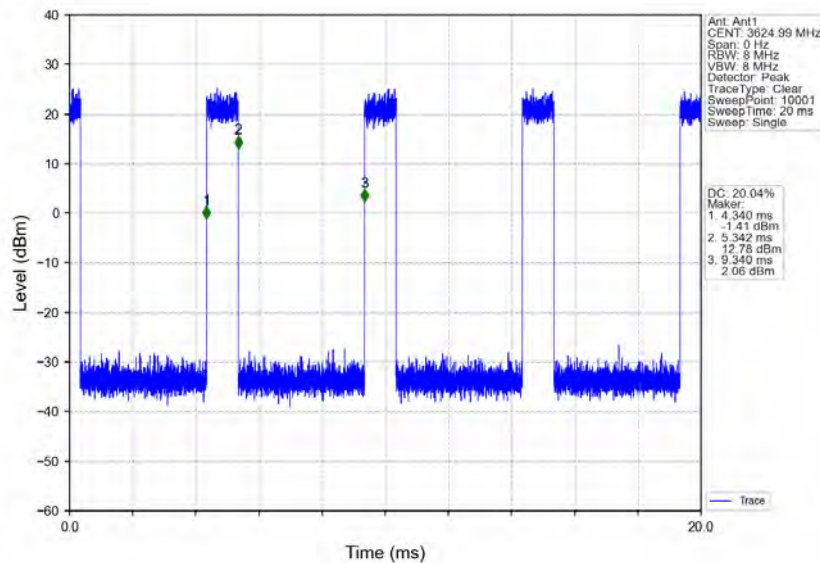
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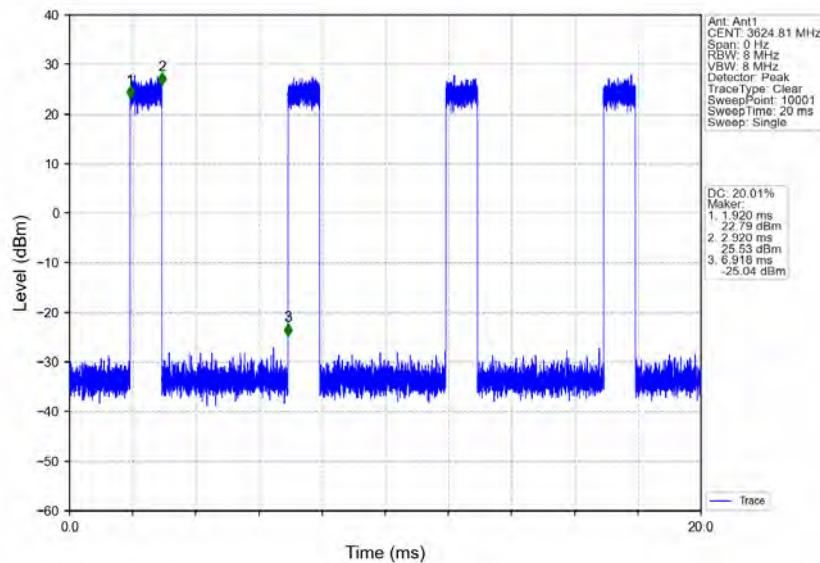
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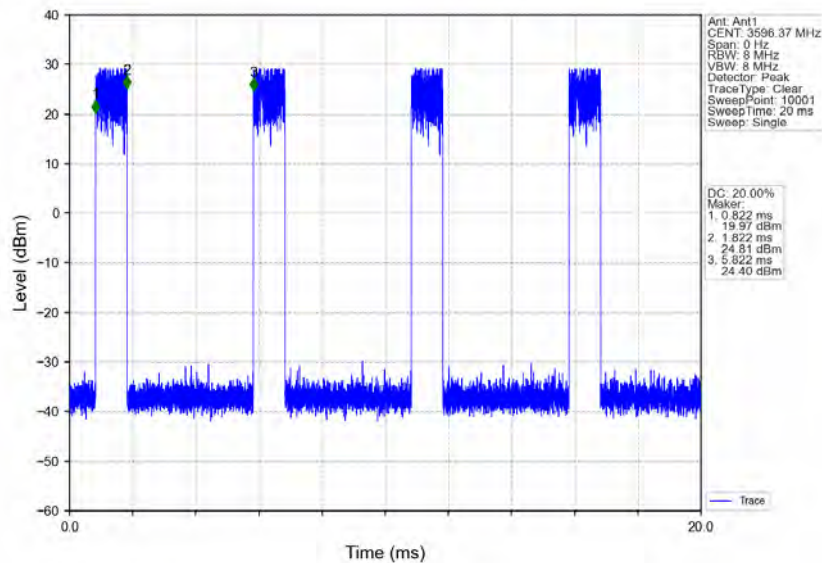
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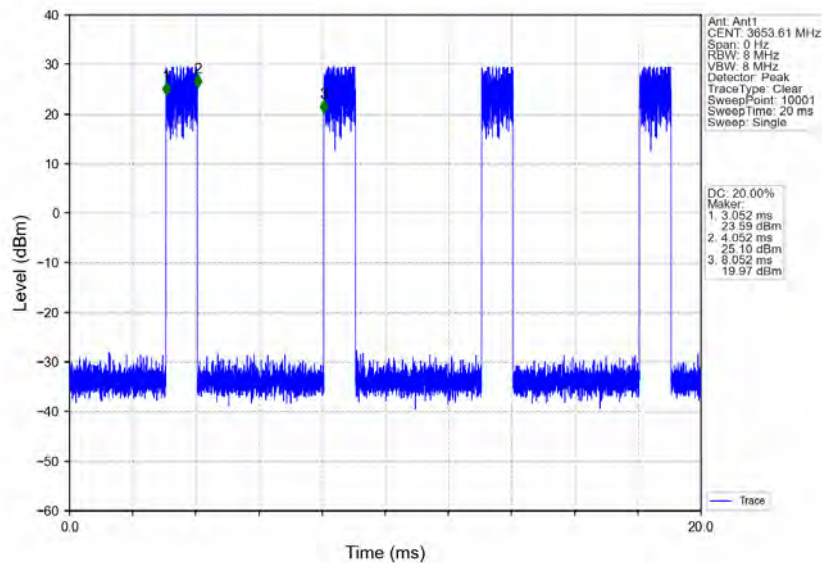
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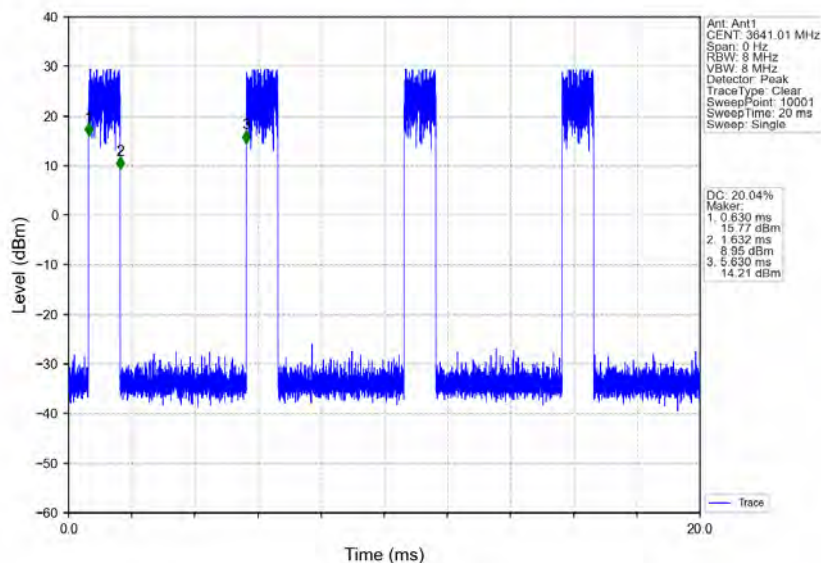
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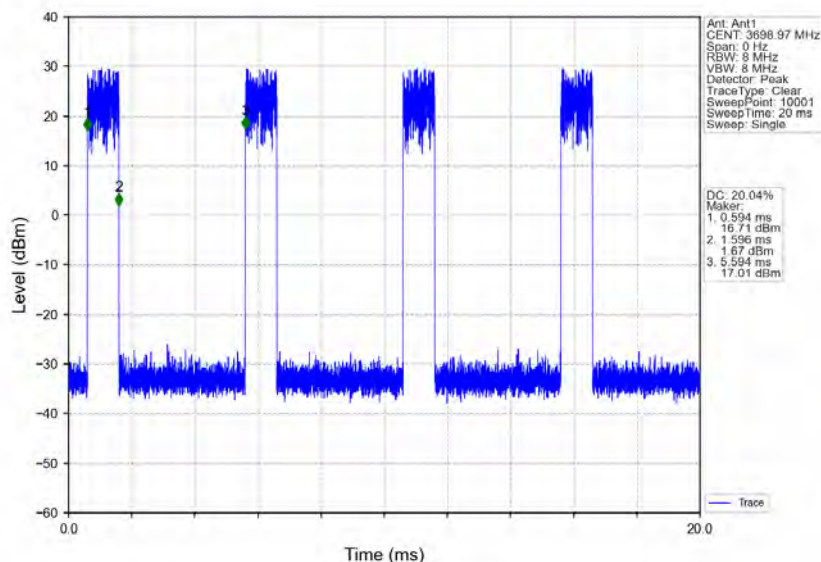
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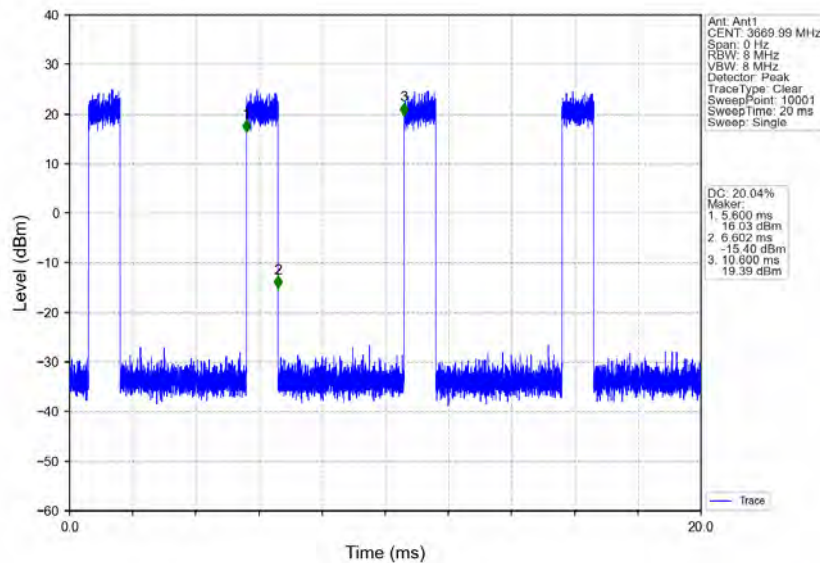
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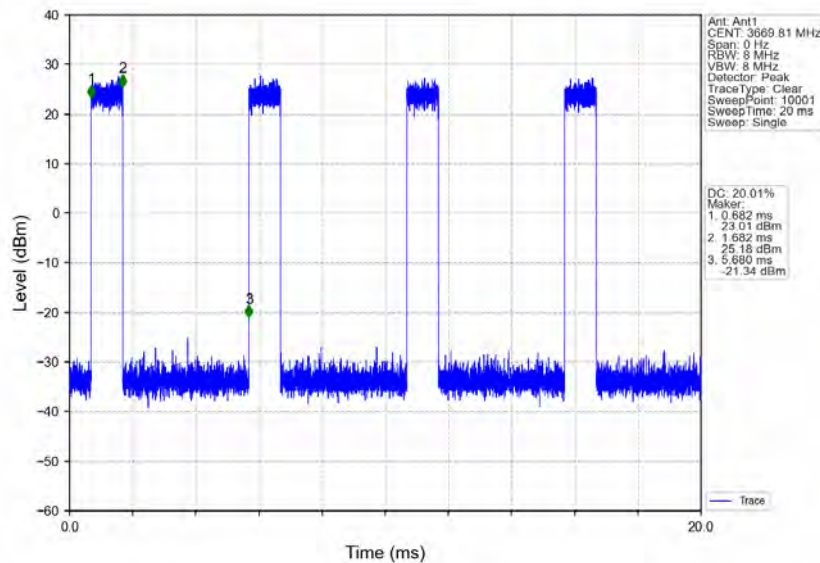
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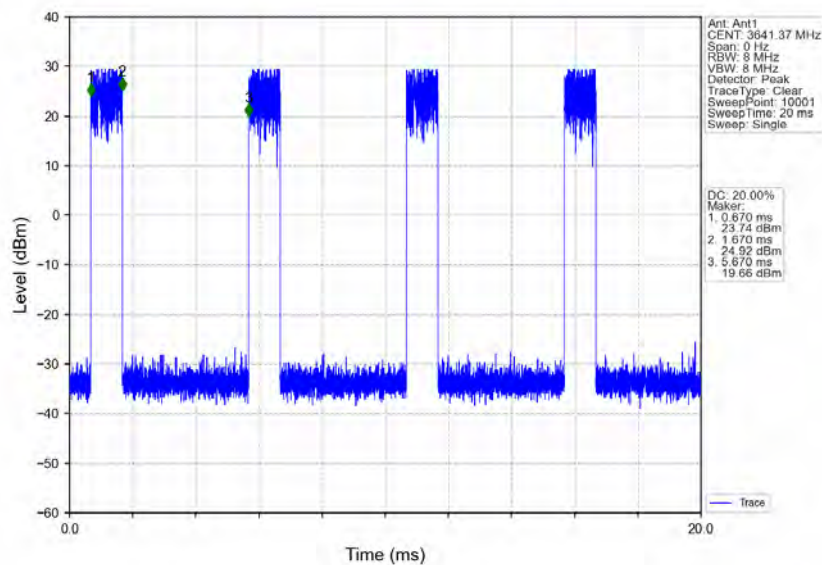
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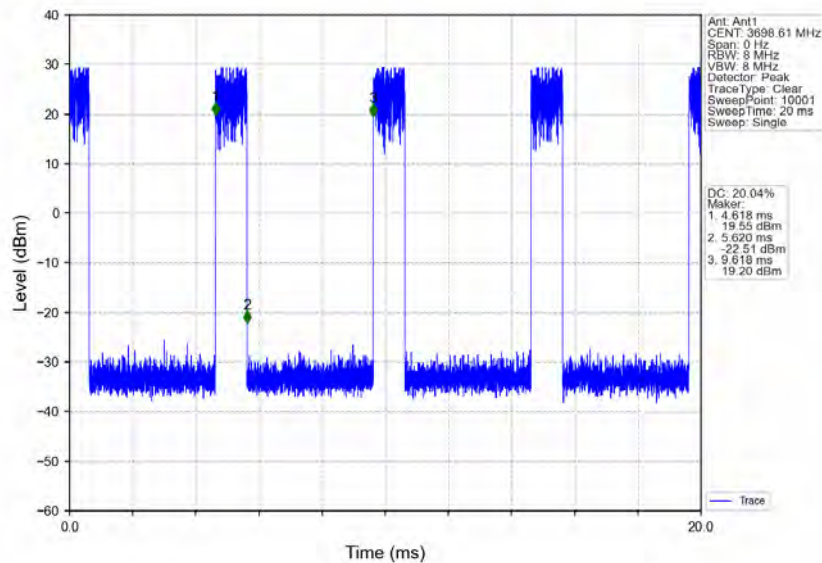
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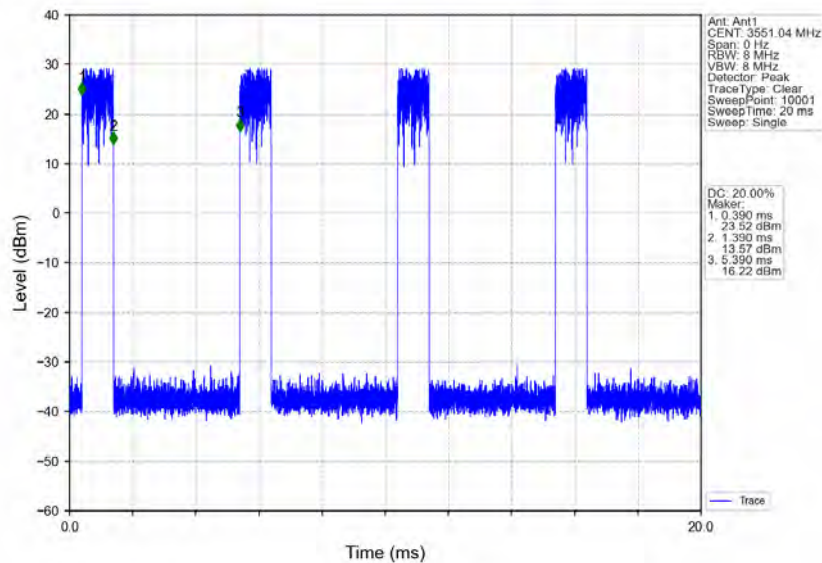
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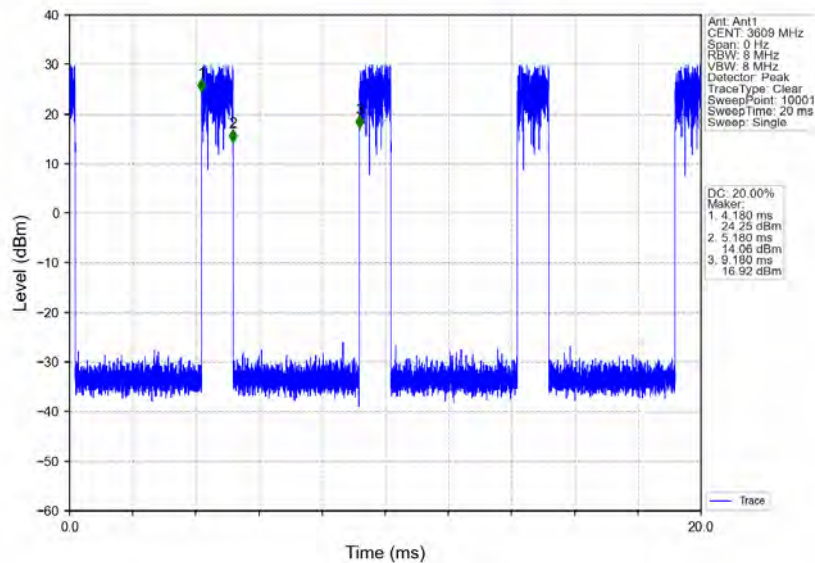
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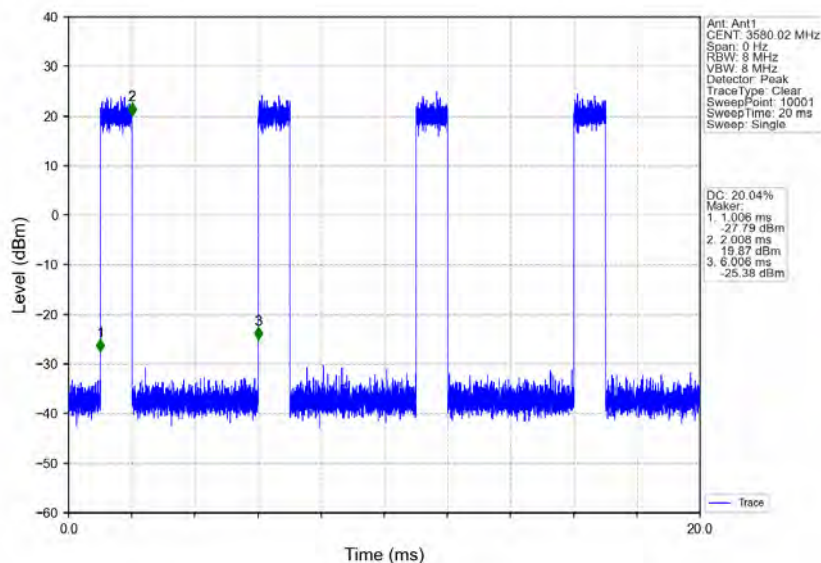
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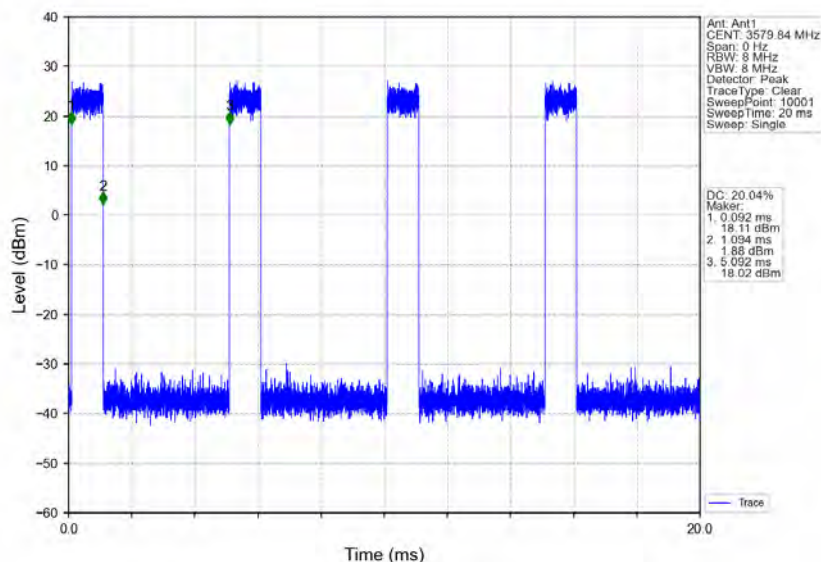
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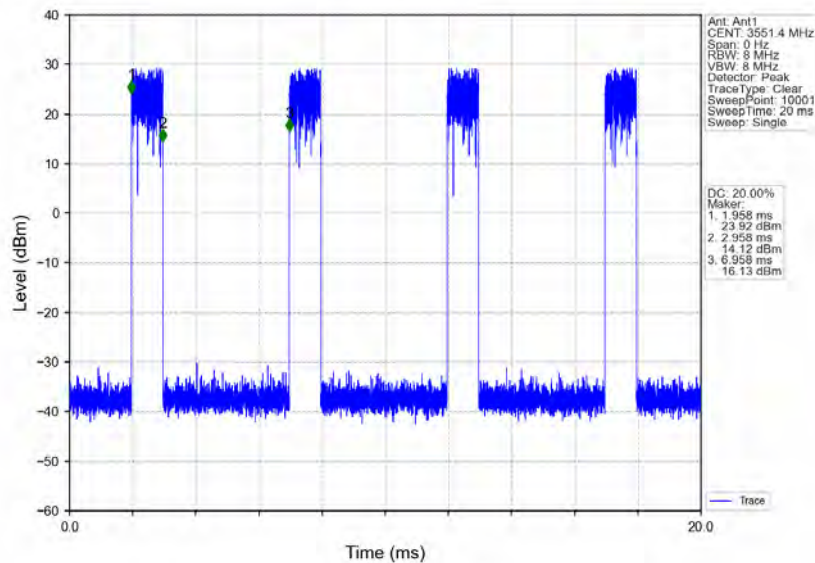
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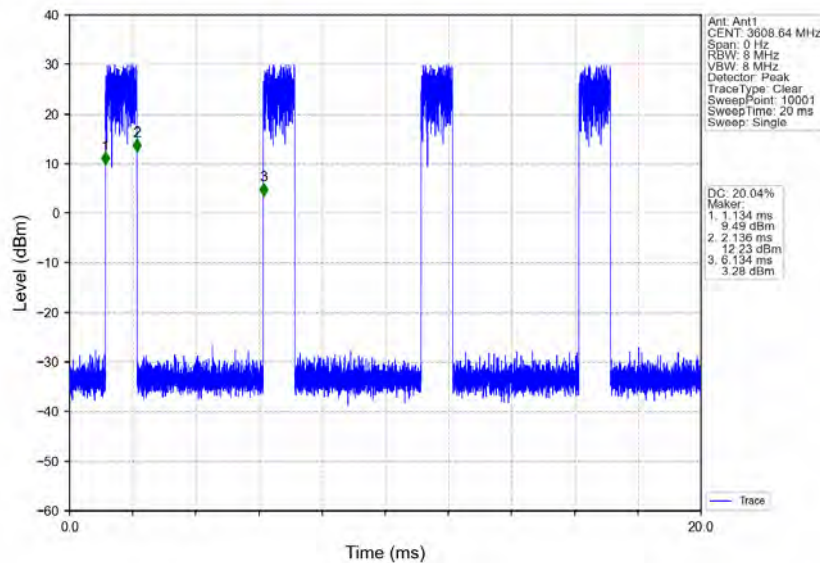
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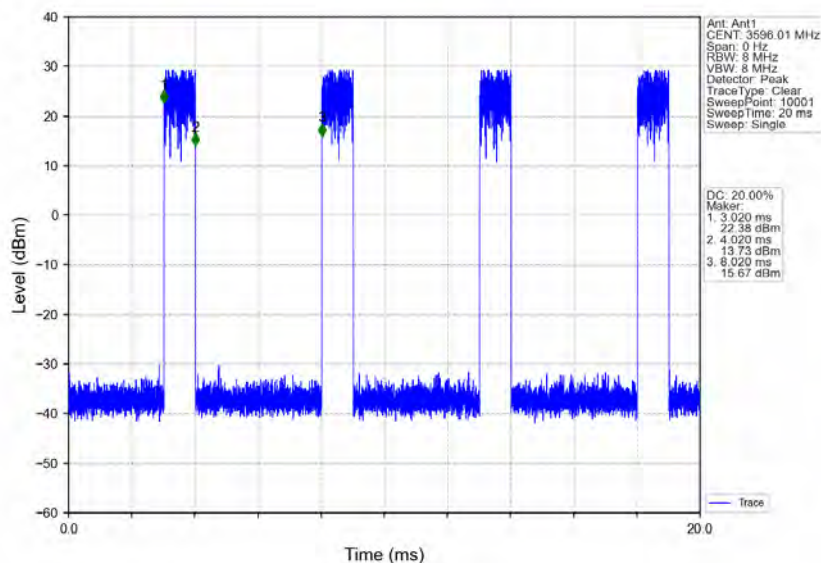
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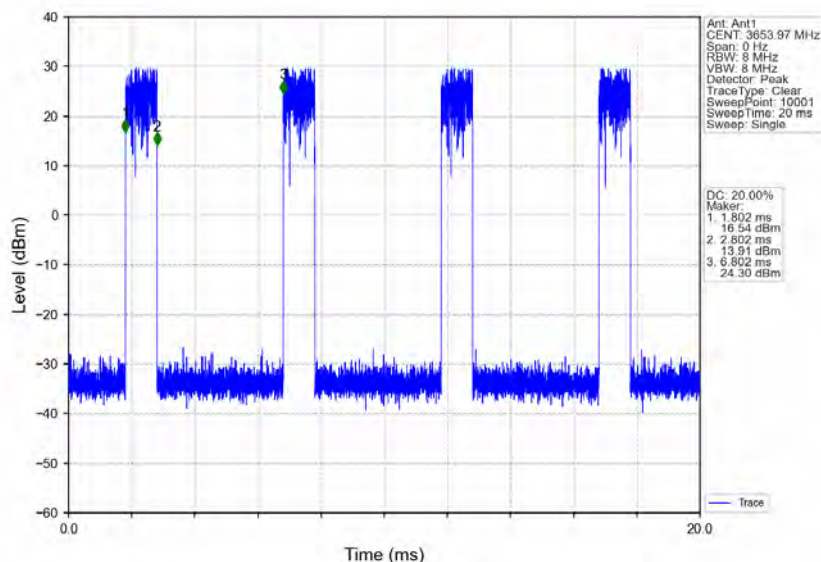
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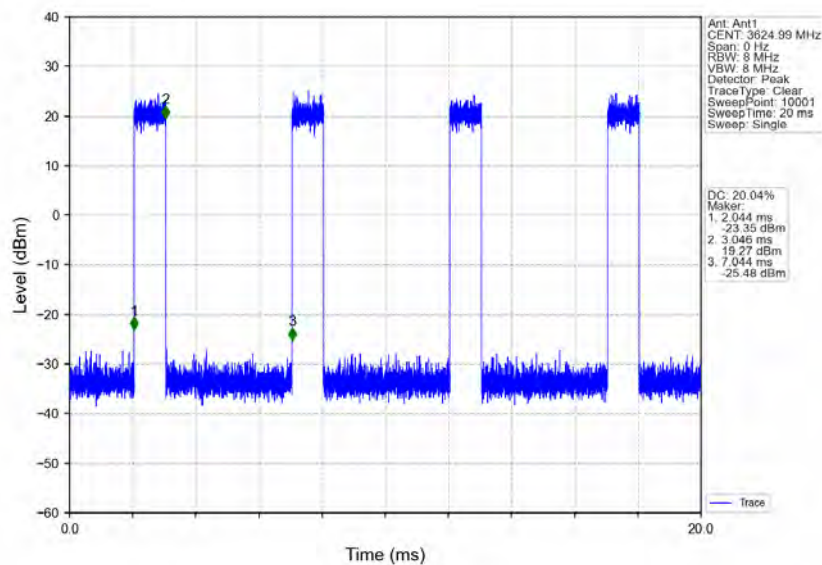
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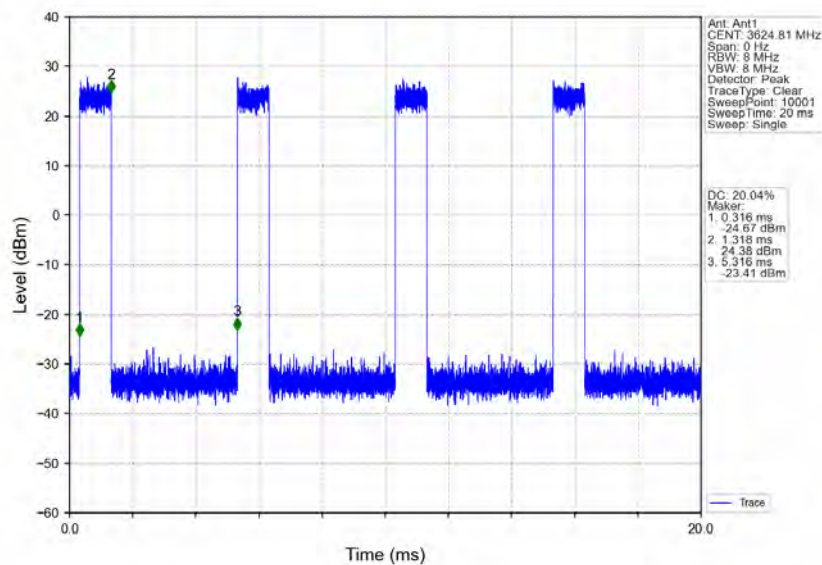
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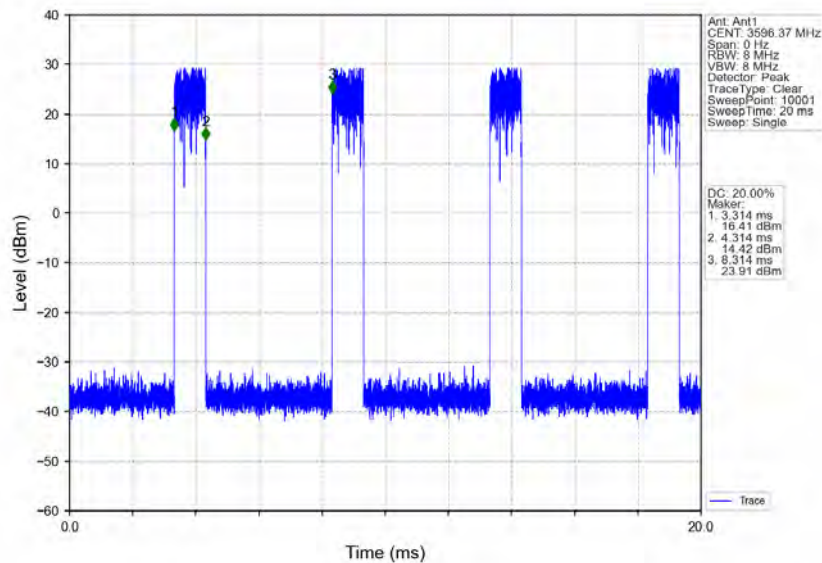
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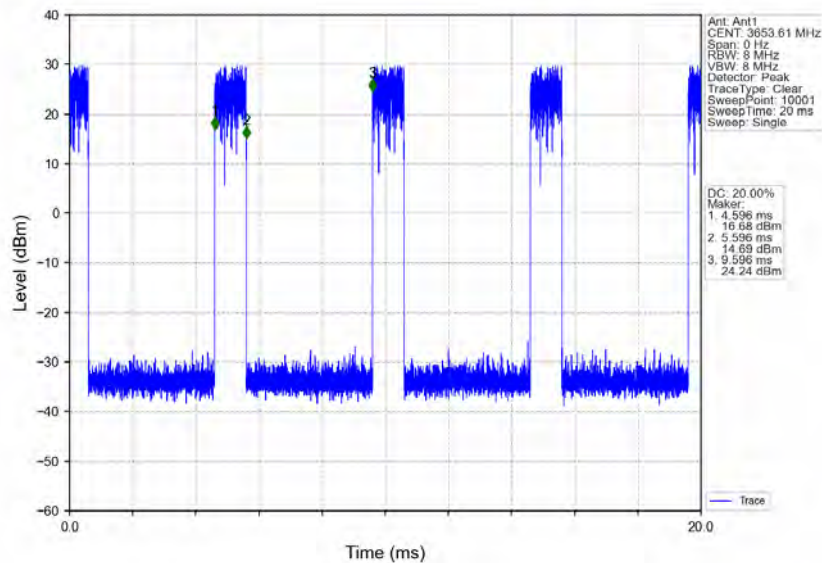
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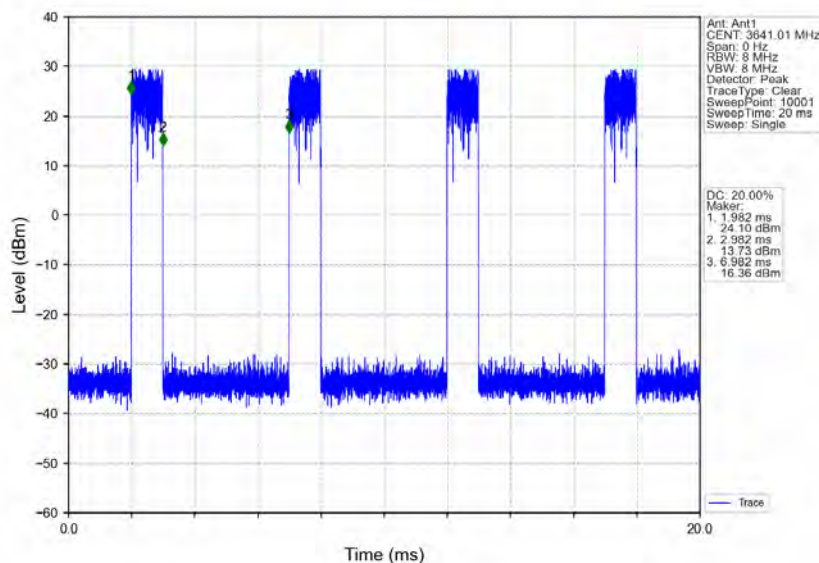
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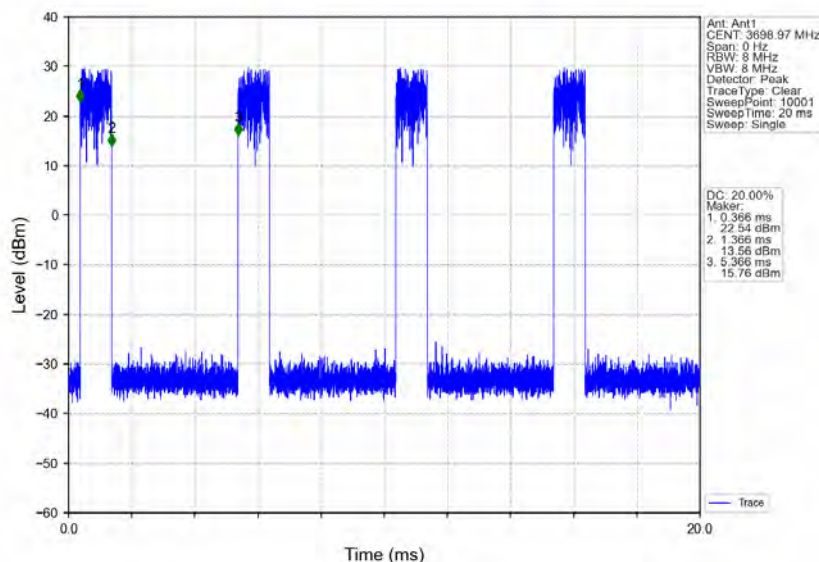
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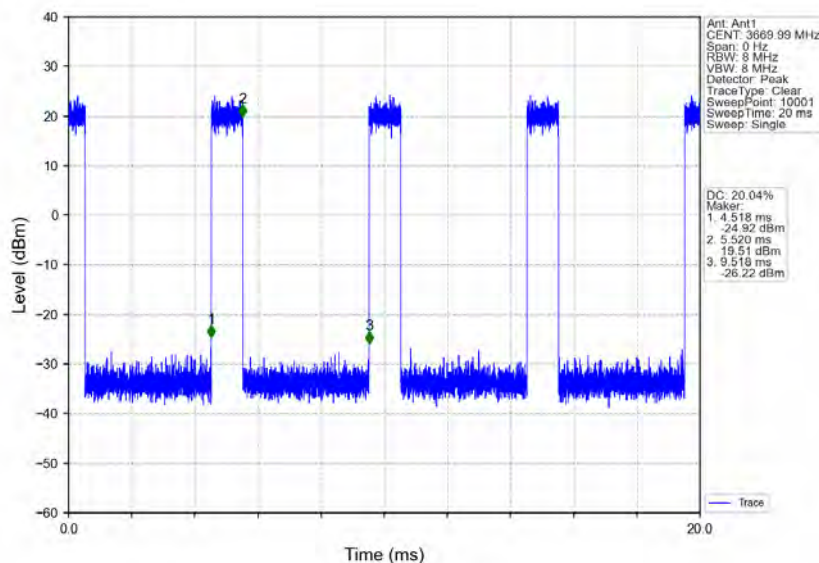
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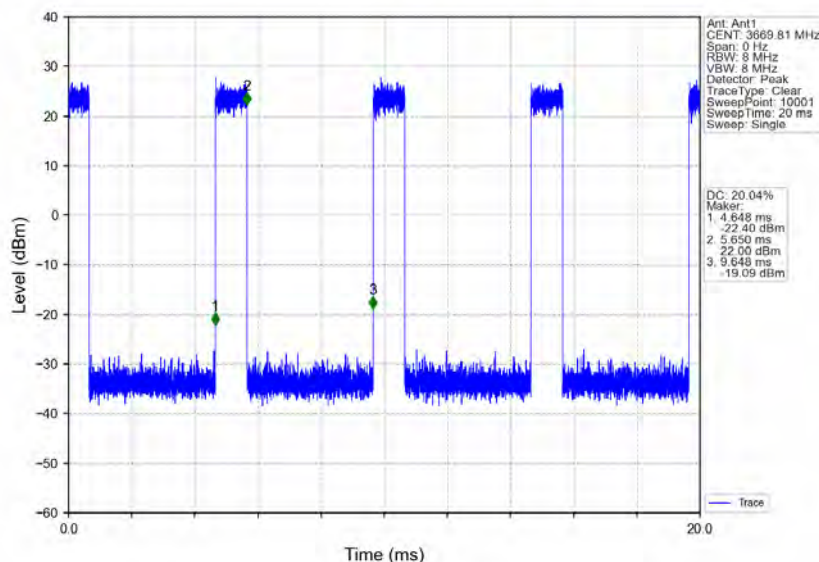
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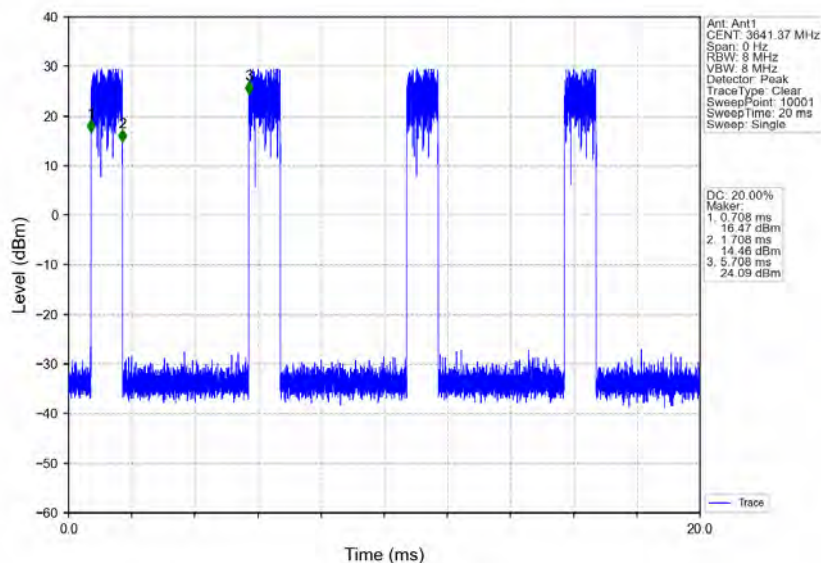
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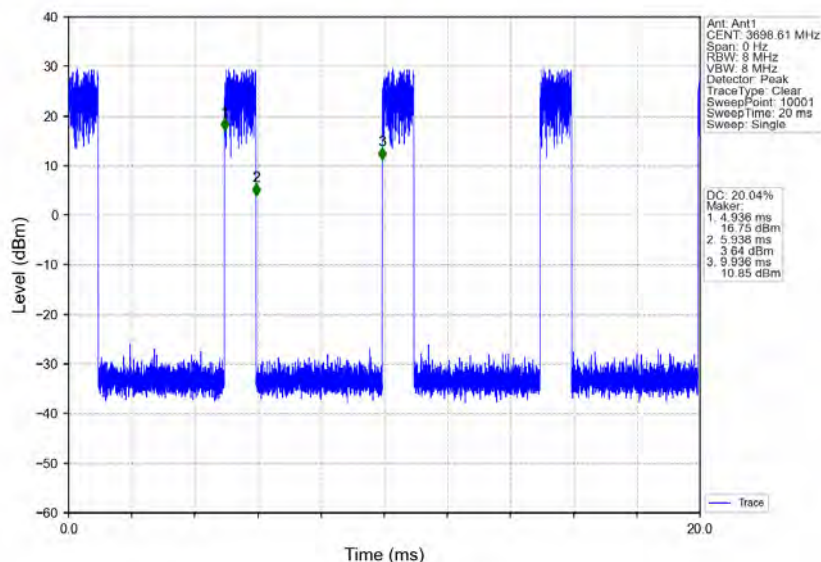
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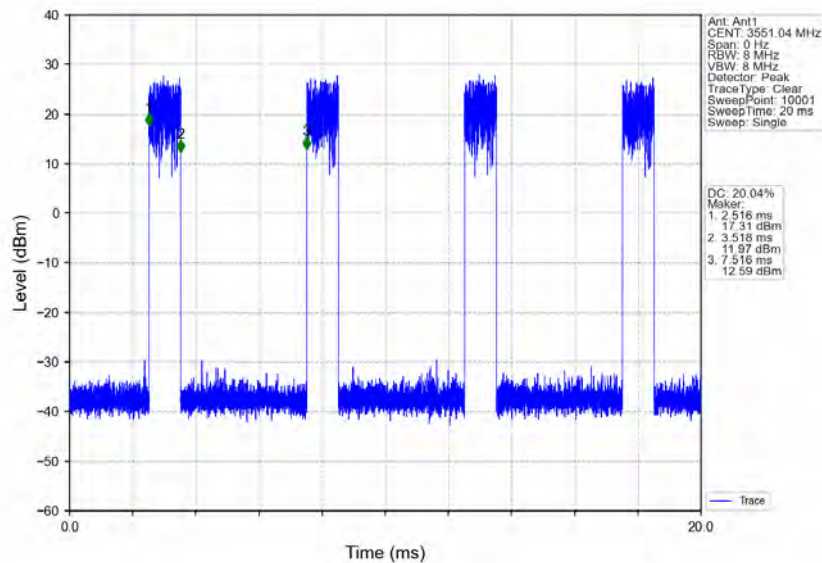
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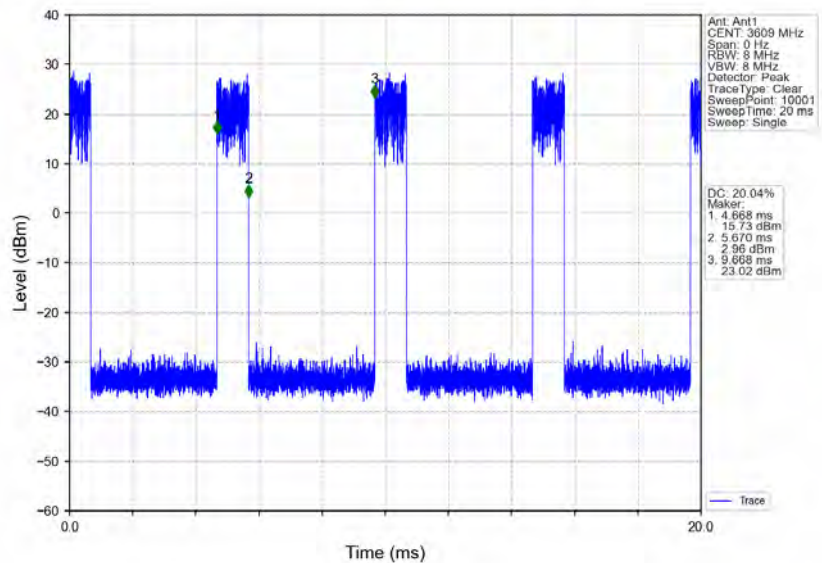
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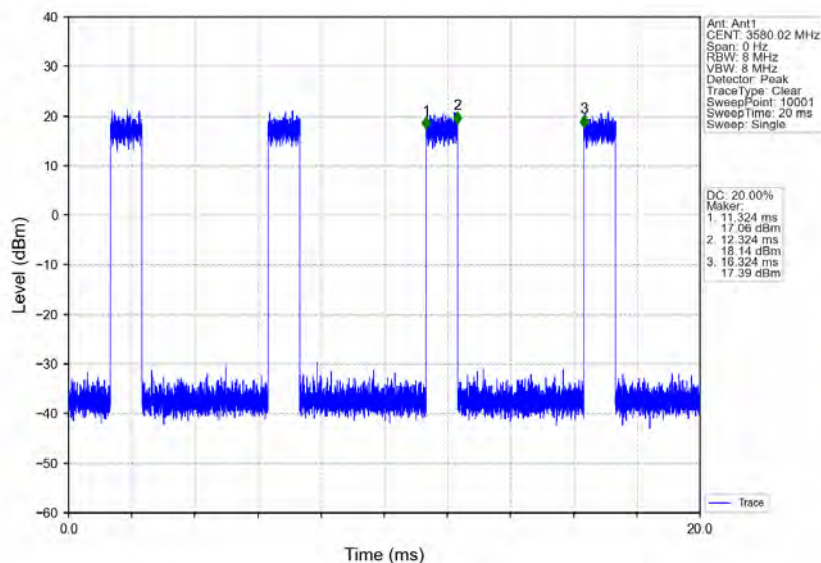
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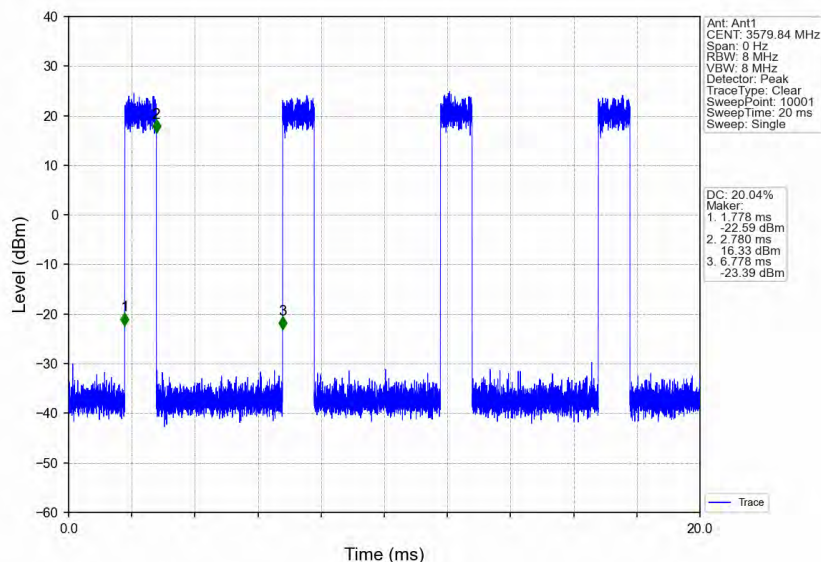
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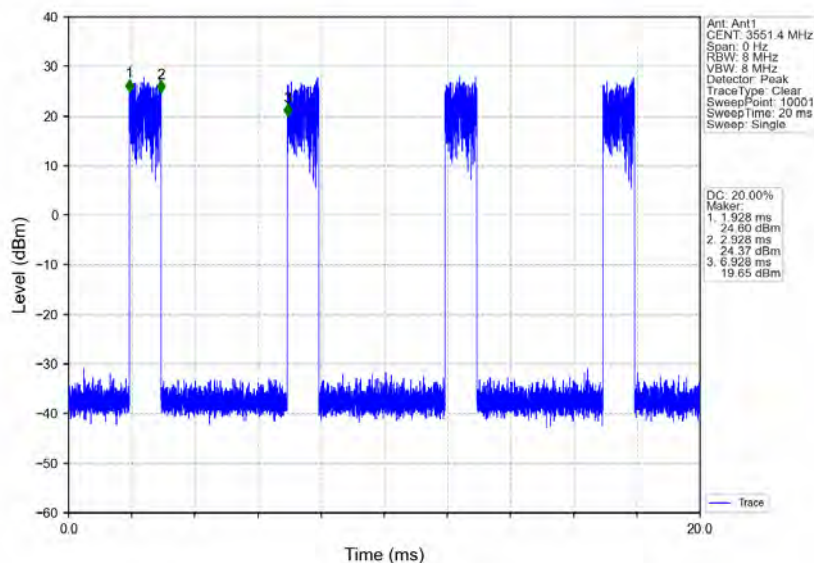
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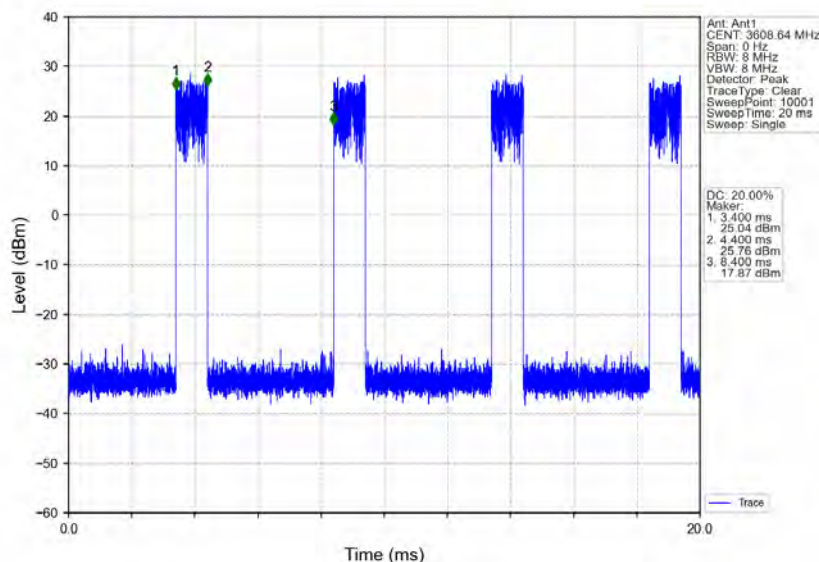
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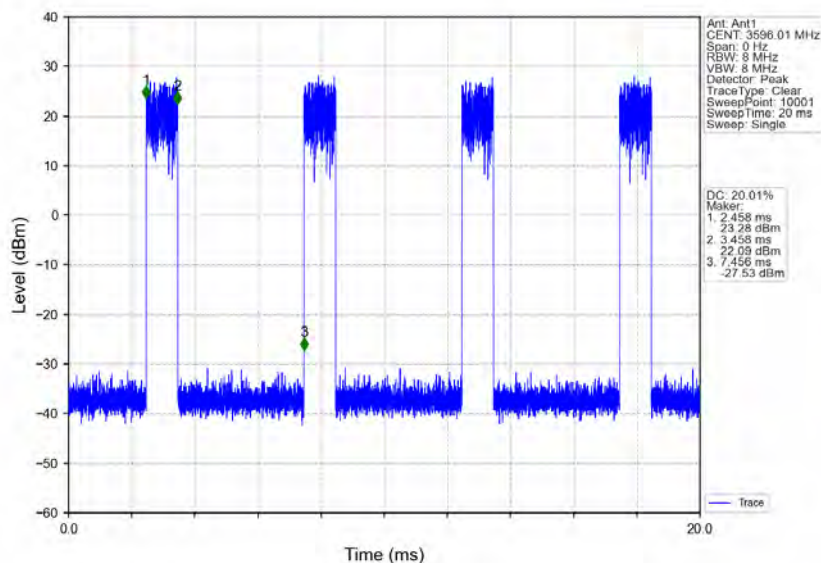
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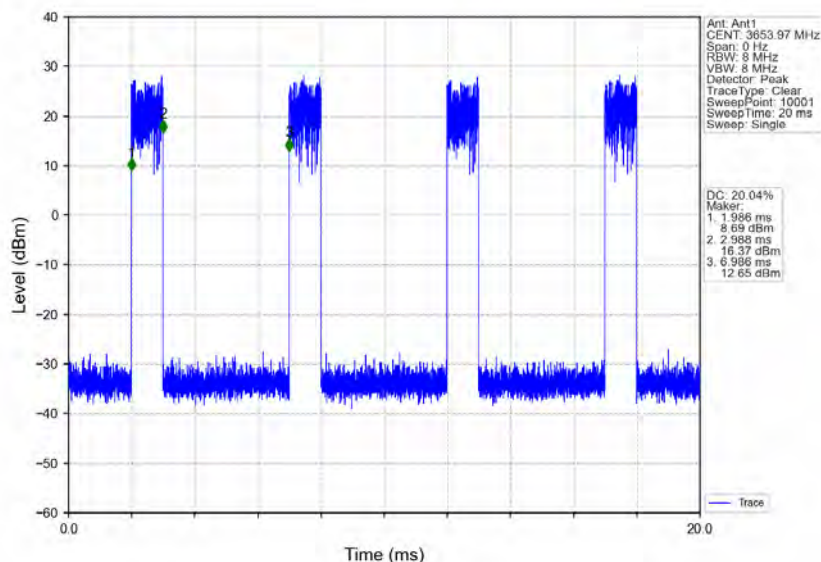
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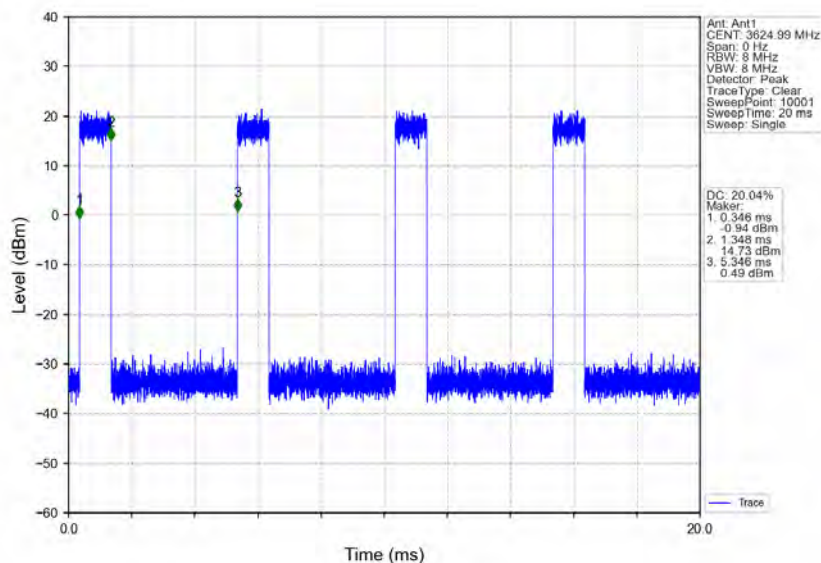
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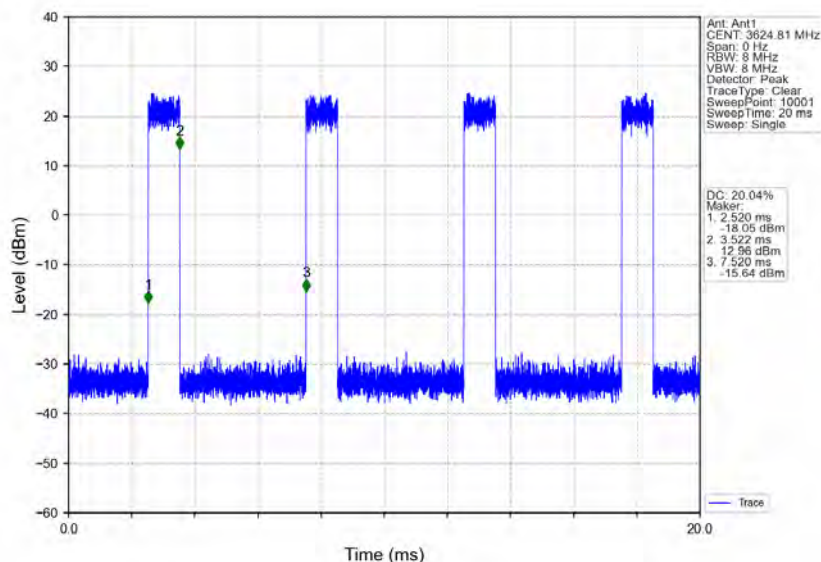
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n78d_30kHz_MIMO_NTNV_60MHz_CP-OFDM_256_QAM_3624.99MHz_Outer_Full



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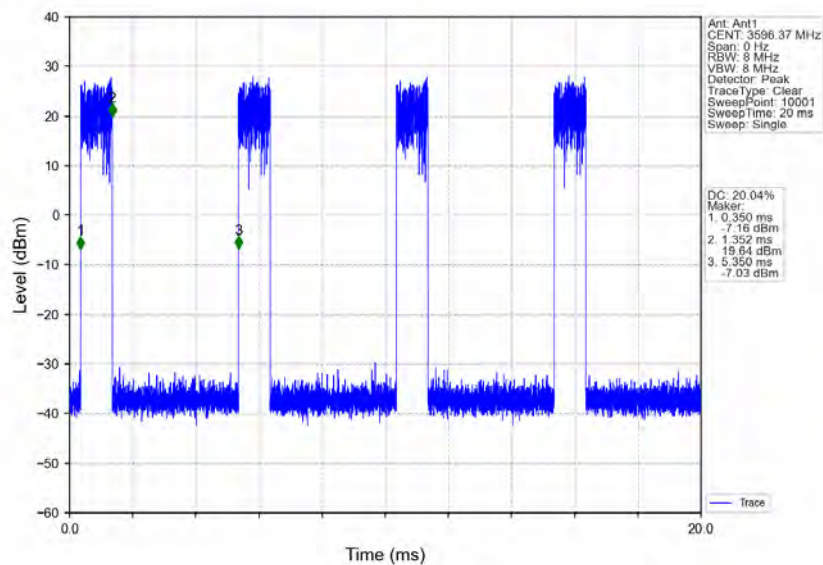
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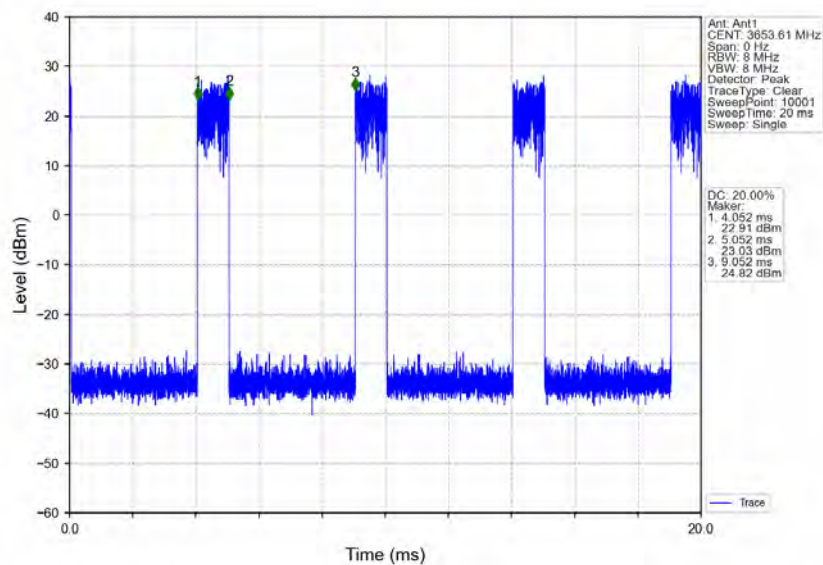
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n78d_30kHz_MIMO_NTNV_60MHz_CP-OFDM_256_QAM_3624.99MHz_Inner_1RB_Left



n78d_30kHz_MIMO_NTNV_60MHz_CP-OFDM_256_QAM_3624.99MHz_Inner_1RB_Right



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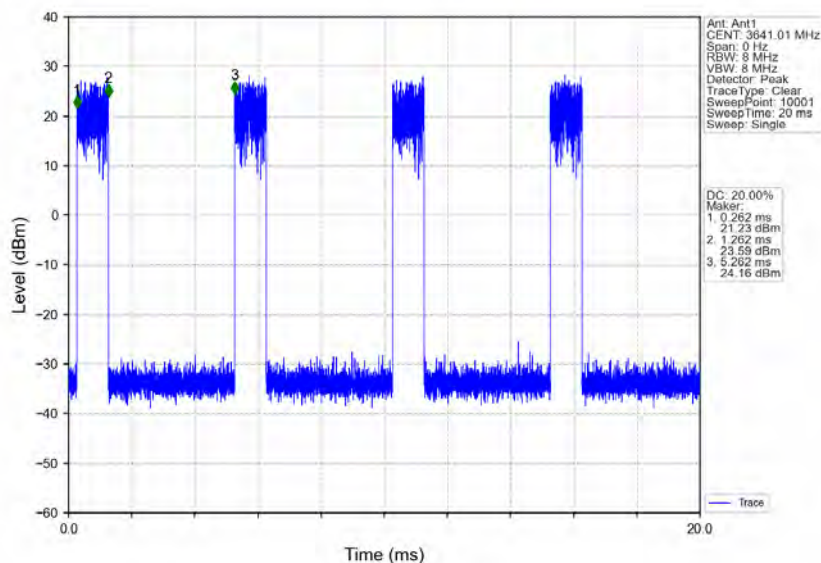
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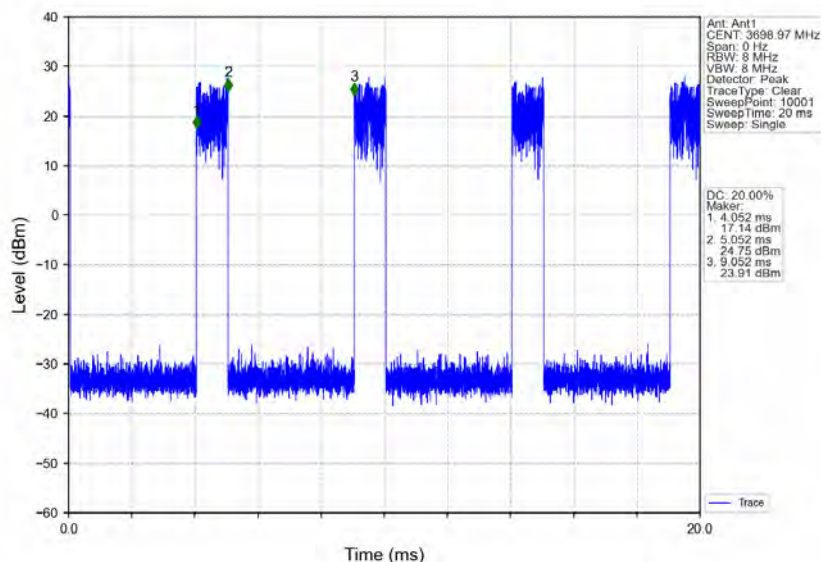
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n78d_30kHz_MIMO_NTNV_60MHz_CP-OFDM_256_QAM_3669.99MHz_Edge_1RB_Left



n78d_30kHz_MIMO_NTNV_60MHz_CP-OFDM_256_QAM_3669.99MHz_Edge_1RB_Right



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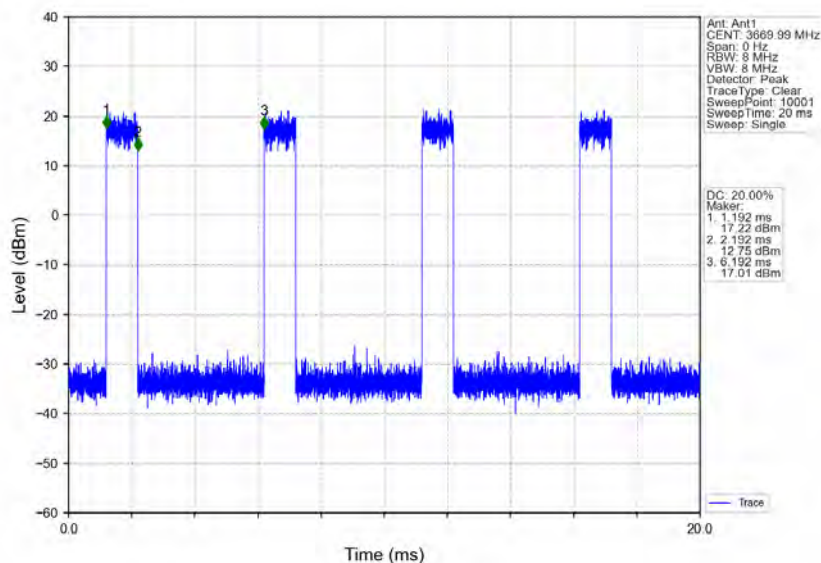
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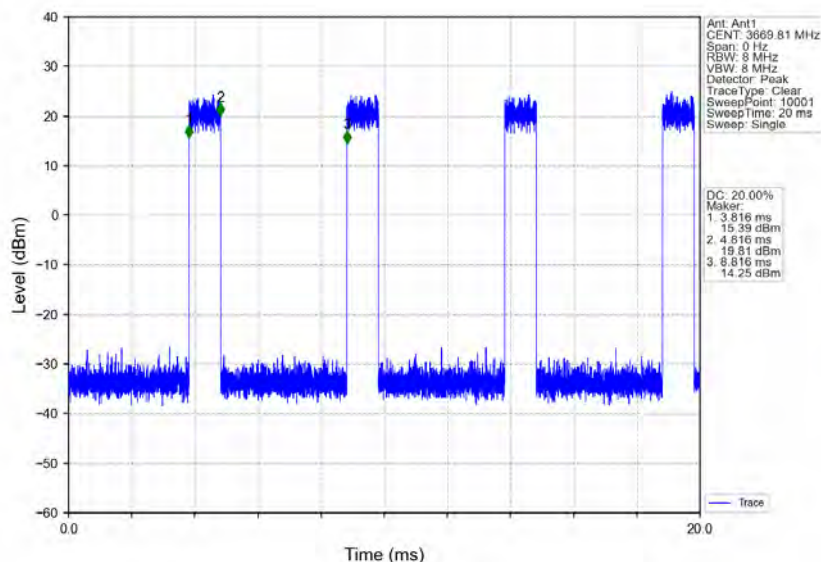
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n78d_30kHz_MIMO_NTNV_60MHz_CP-OFDM_256_QAM_3669.99MHz_Outer_Full



n78d_30kHz_MIMO_NTNV_60MHz_CP-OFDM_256_QAM_3669.99MHz_Inner_Full



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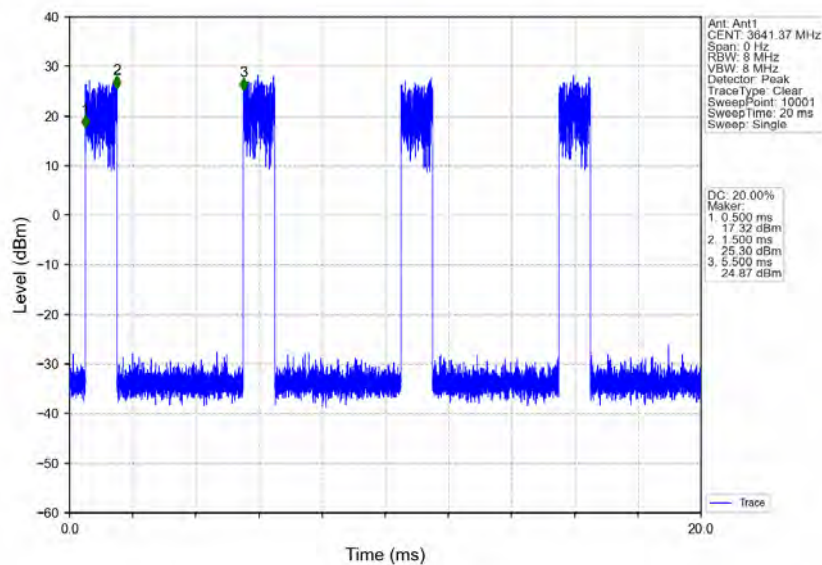
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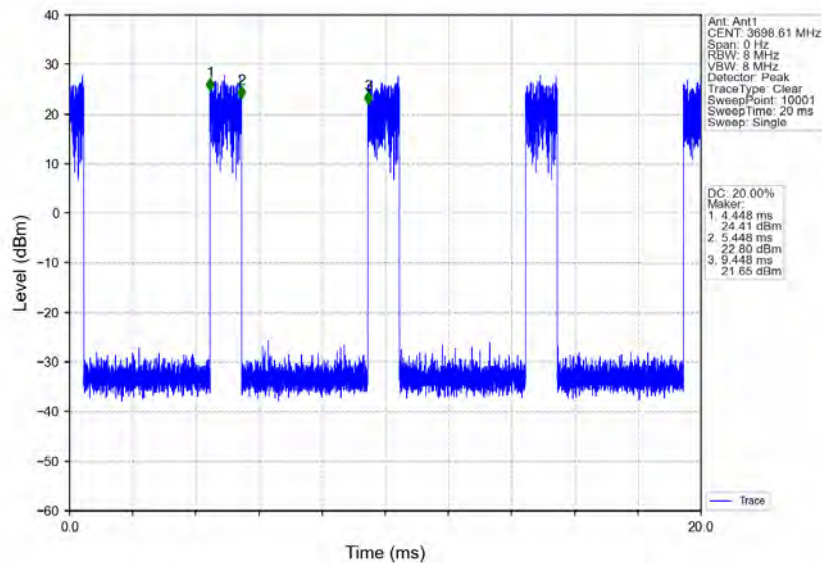
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n78d_30kHz_MIMO_NTNV_60MHz_CP-OFDM_256_QAM_3669.99MHz_Inner_1RB_Left



n78d_30kHz_MIMO_NTNV_60MHz_CP-OFDM_256_QAM_3669.99MHz_Inner_1RB_Right



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1.8 30k_MIMO_70MHz_NTNV

1.8.1 Test Result

5G NR n78d SCS=30kHz MIMO 70MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
CP-OFDM QPSK	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	1.002	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	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.000	5.000	20.00	6.99	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	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.000	5.000	20.00	6.99	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	1.002	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
	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	1.000	5.000	20.00	6.99	0.03
		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	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.000	4.998	20.01	6.99	0.03
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
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	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
	3624.99	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00

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CP-OFDM 256 QAM		Outer_Full	1.000	5.000	20.00	6.99	0.03
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
	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	1.000	5.000	20.00	6.99	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
		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
	3585	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	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.002	20.03	6.98	0.01
	3624.99	Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.002	20.03	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
	3664.98	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	5.002	20.03	6.98	0.02
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00



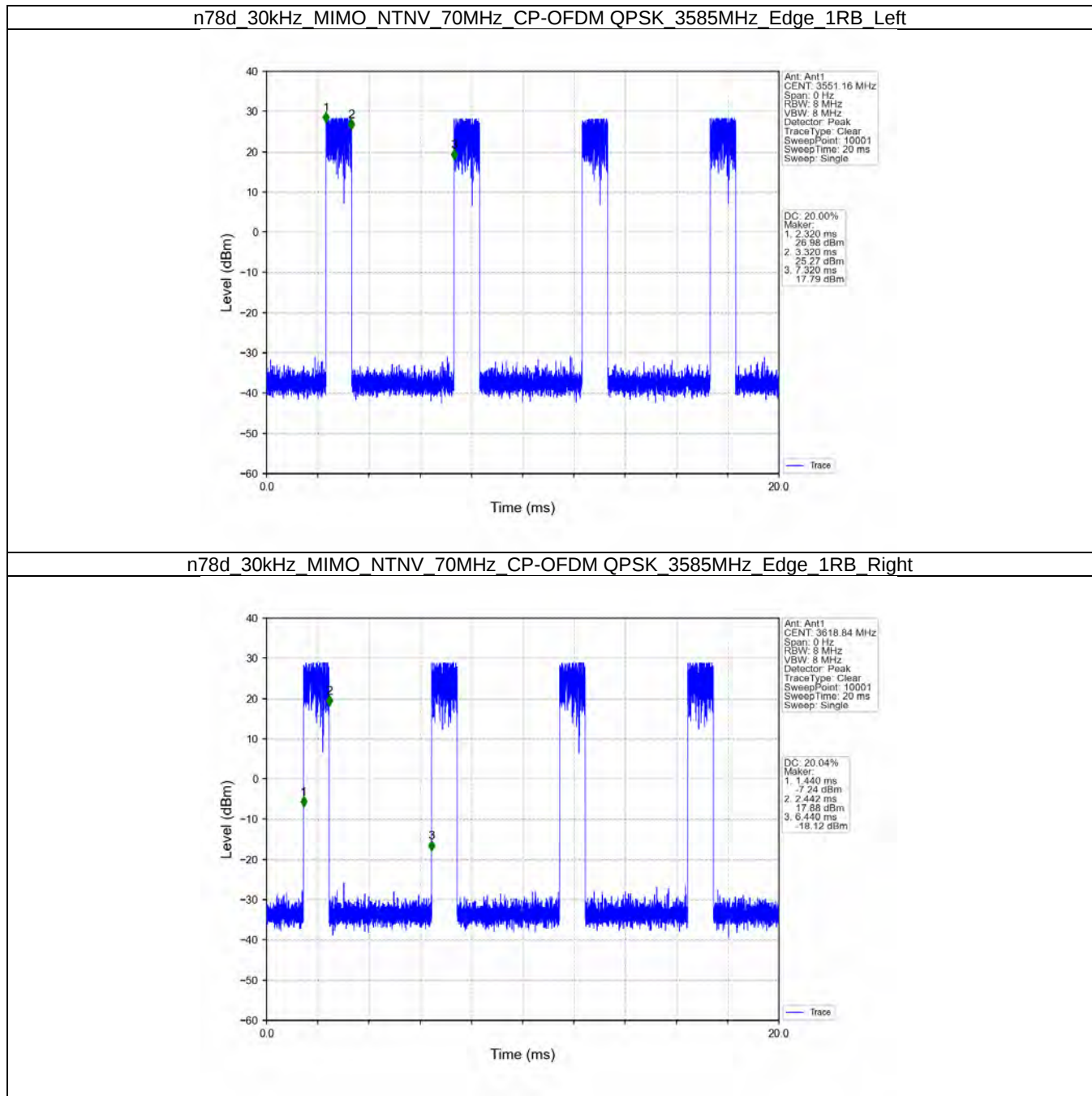
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1.8.2 Test Graph



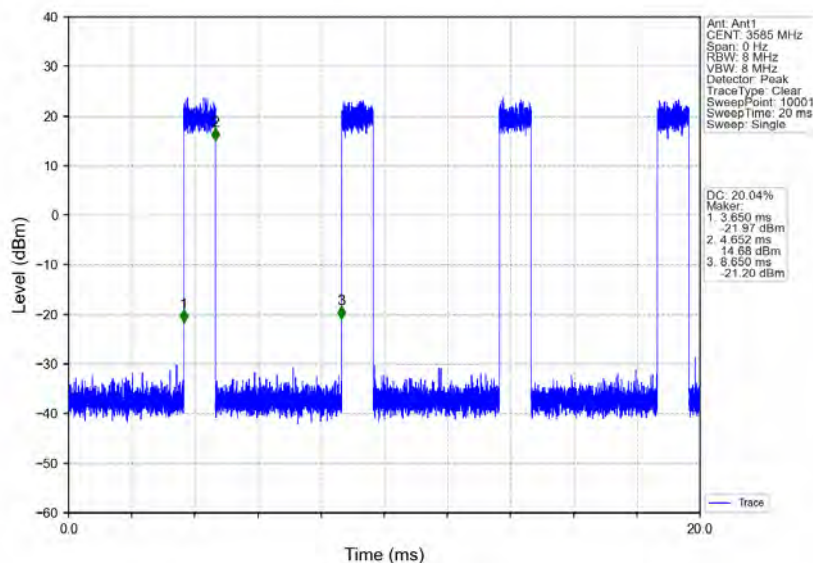
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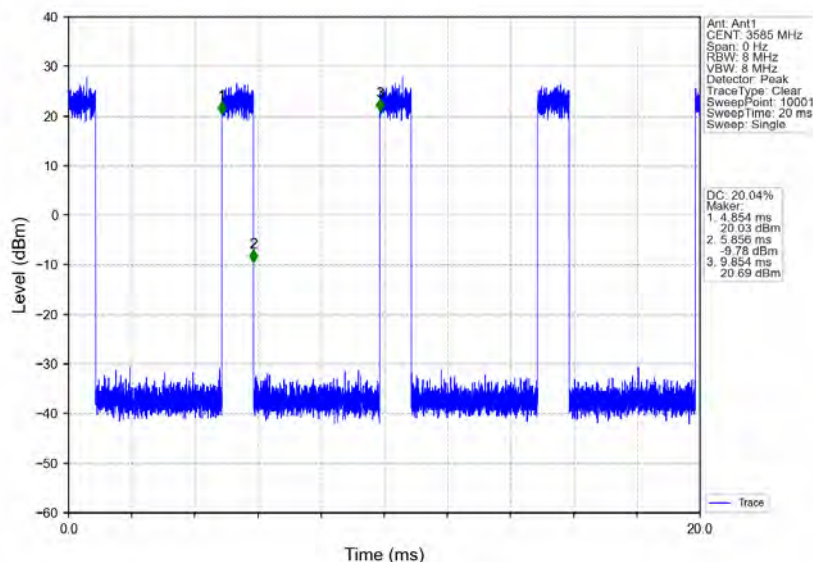
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n78d_30kHz_MIMO_NTNV_70MHz_CP-OFDM_QPSK_3585MHz_Inner_Full



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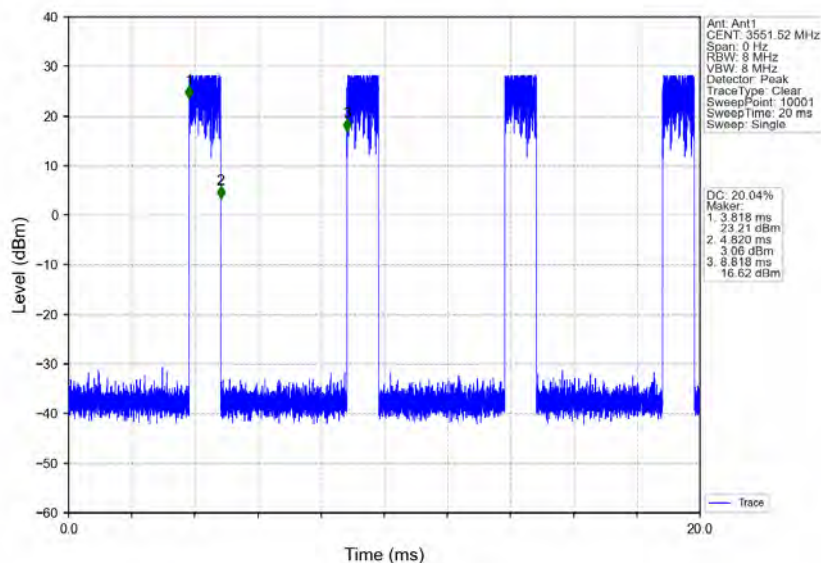
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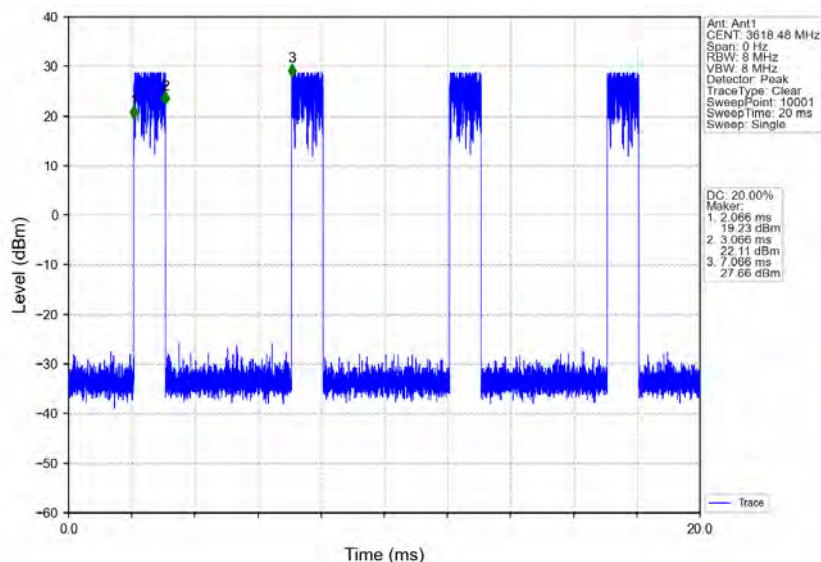
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n78d_30kHz_MIMO_NTNV_70MHz_CP-OFDM QPSK_3585MHz_Inner_1RB_Left



n78d_30kHz_MIMO_NTNV_70MHz_CP-OFDM QPSK_3585MHz_Inner_1RB_Right



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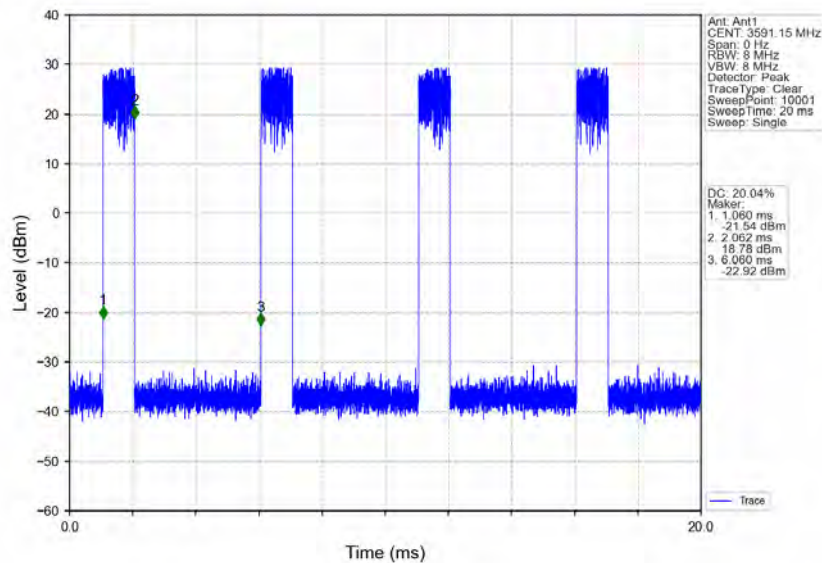
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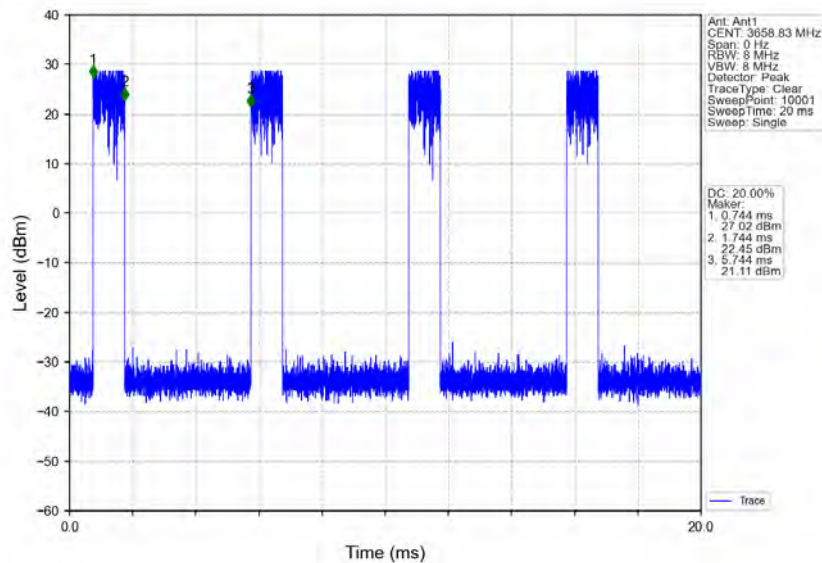
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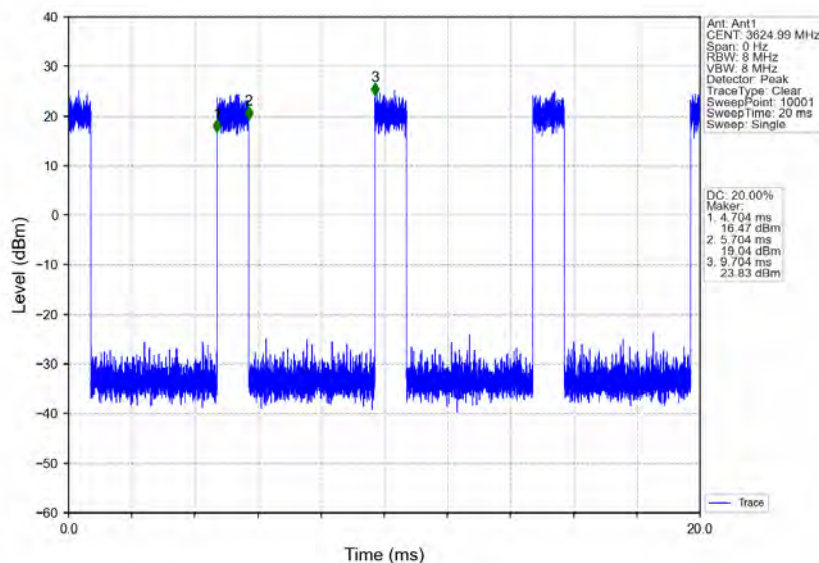
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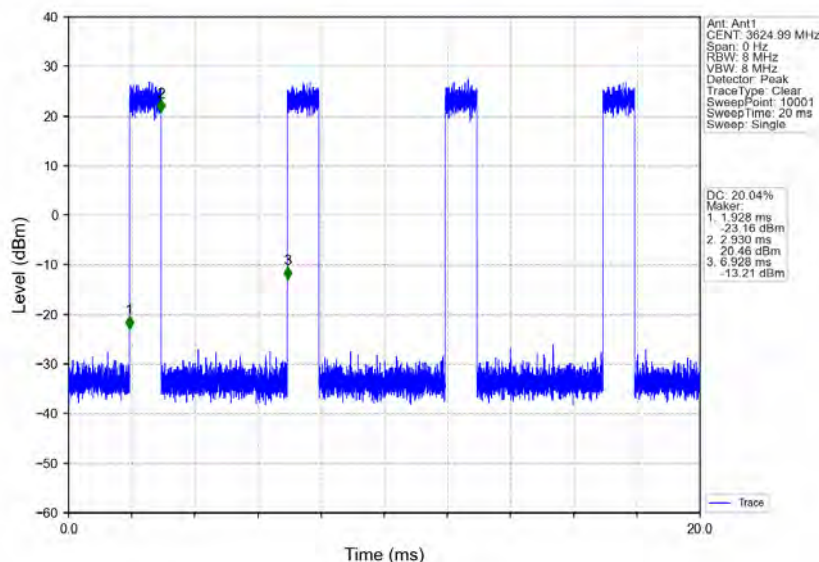
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n78d_30kHz_MIMO_NTNV_70MHz_CP-OFDM_QPSK_3624.99MHz_Outer_Full



n78d_30kHz_MIMO_NTNV_70MHz_CP-OFDM_QPSK_3624.99MHz_Inner_Full



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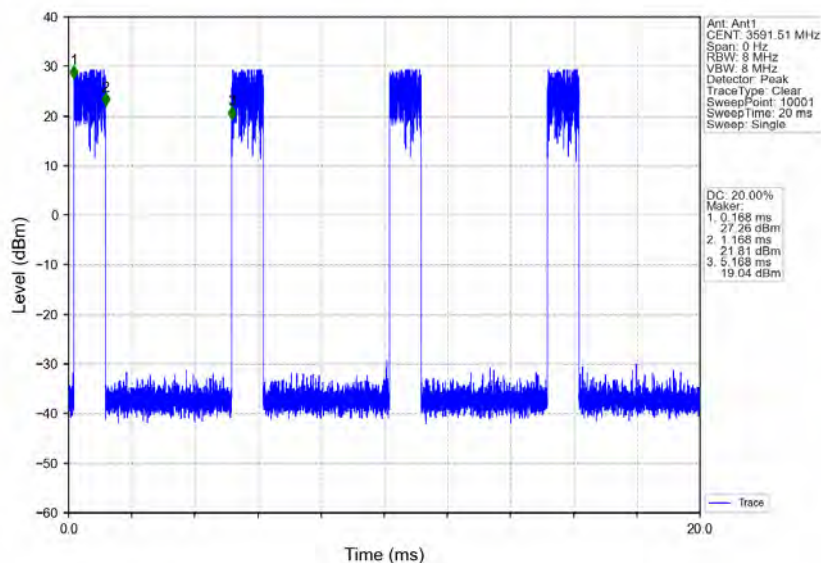
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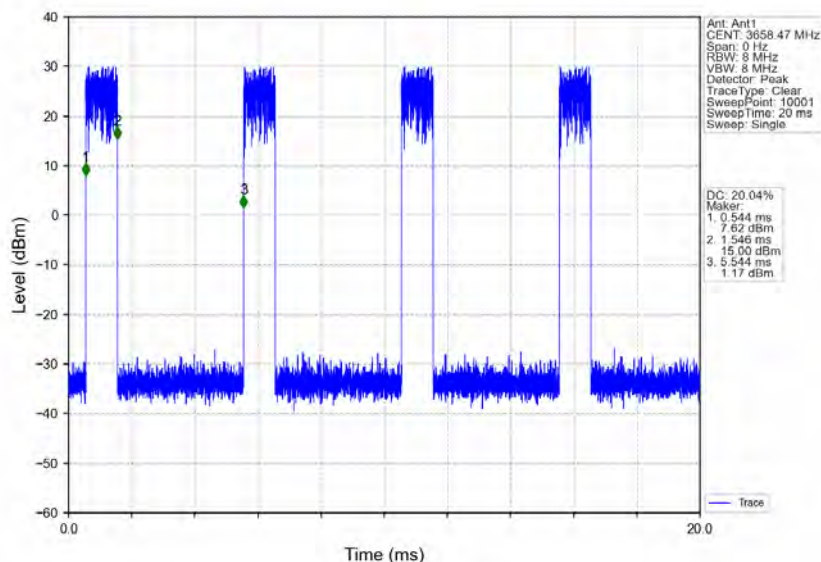
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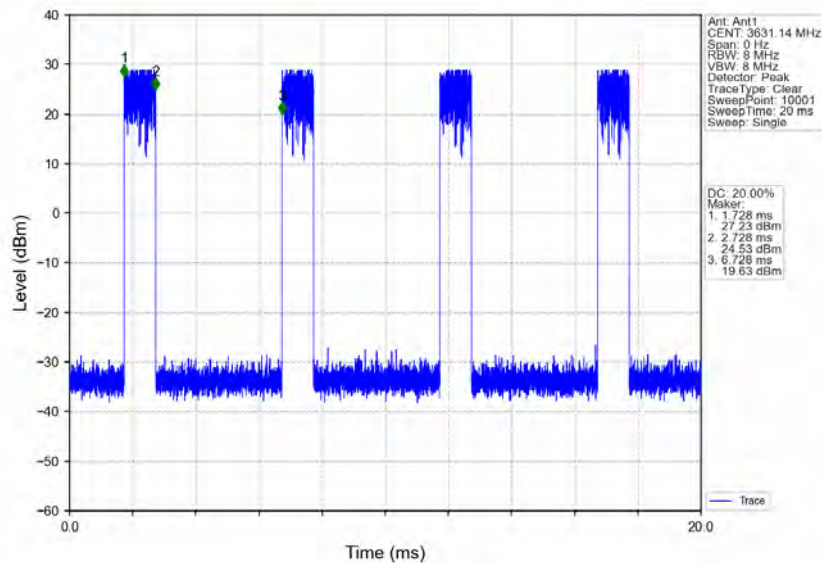
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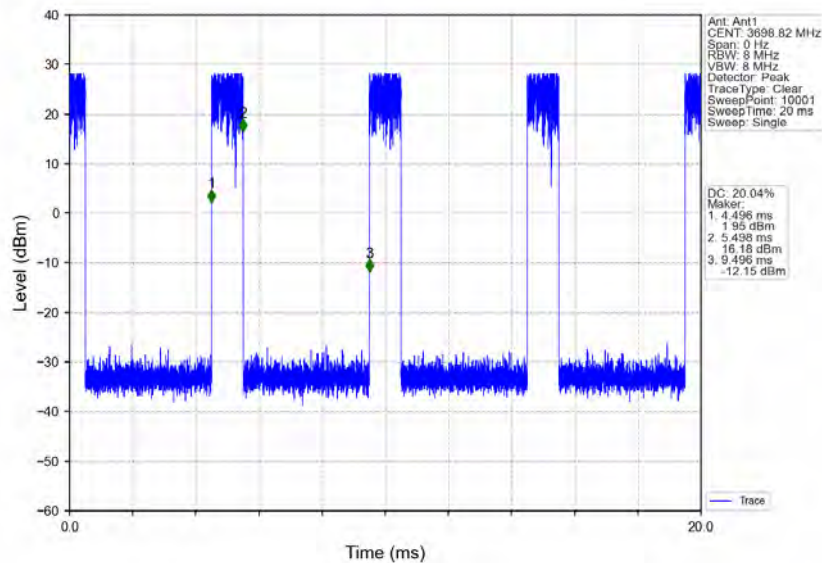
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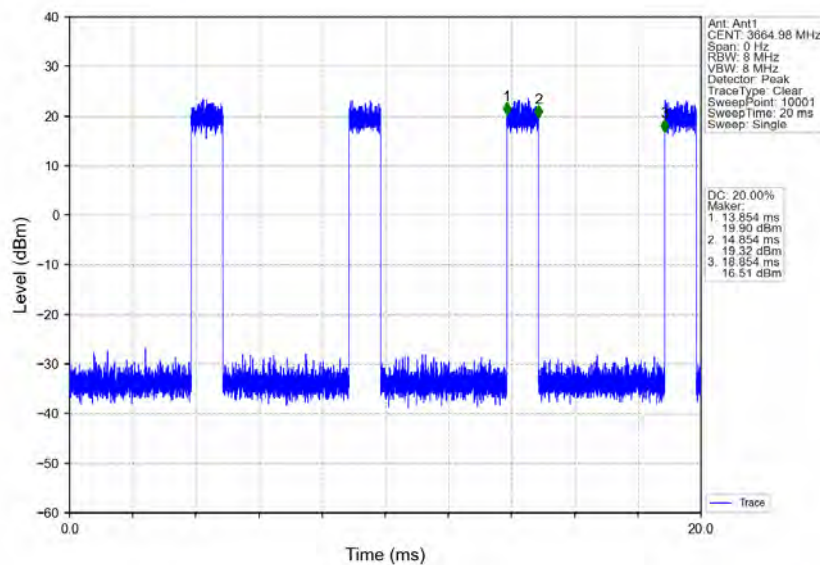
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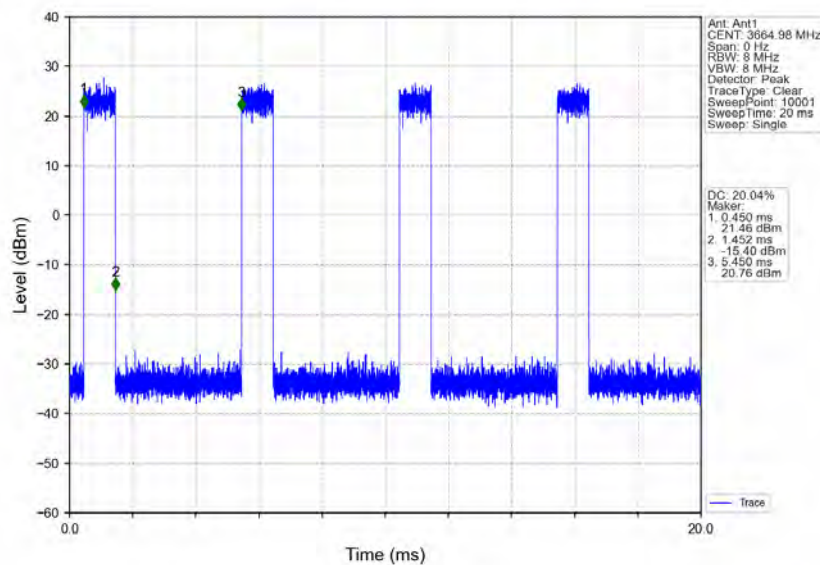
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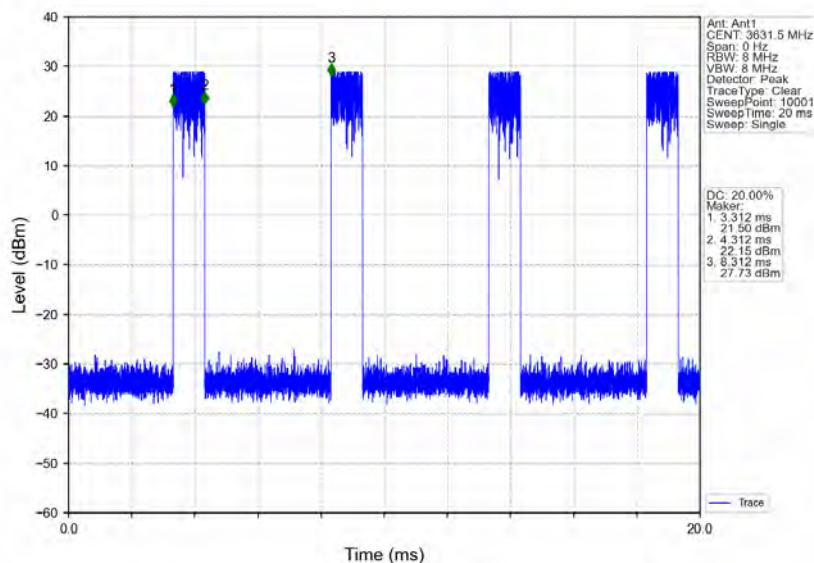
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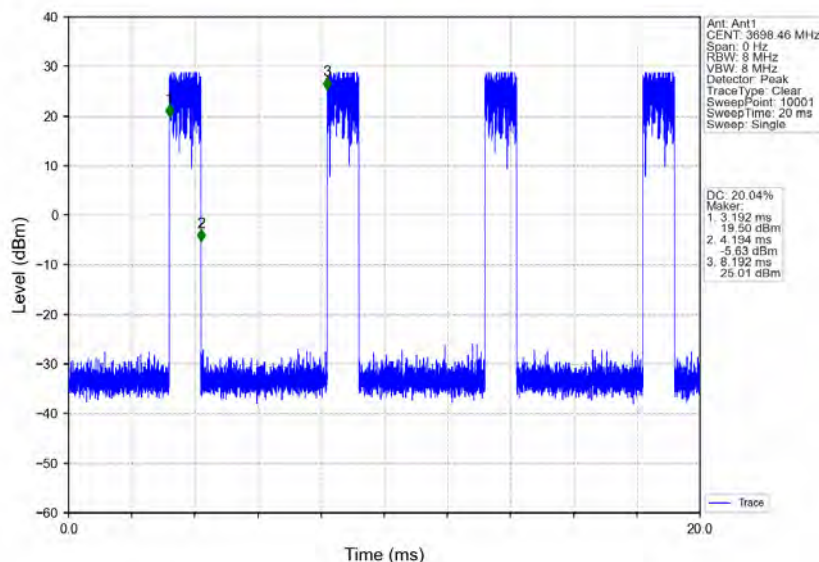
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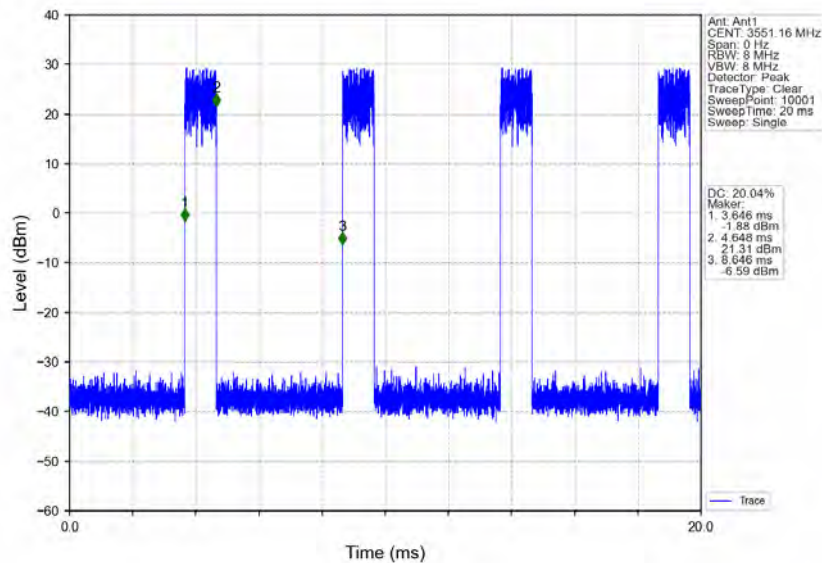
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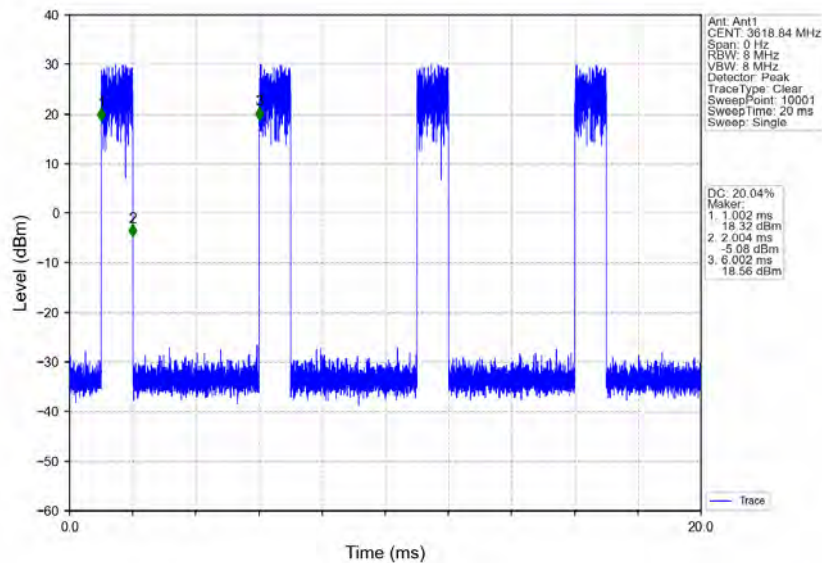
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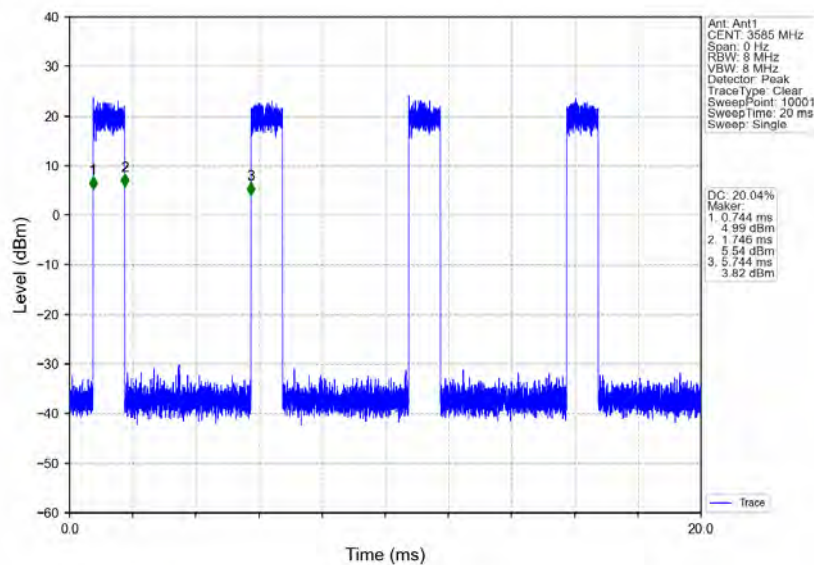
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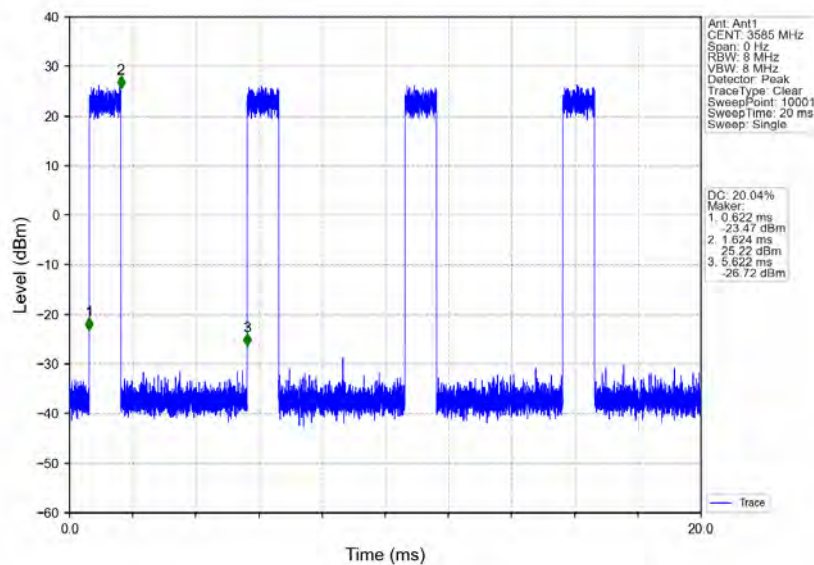
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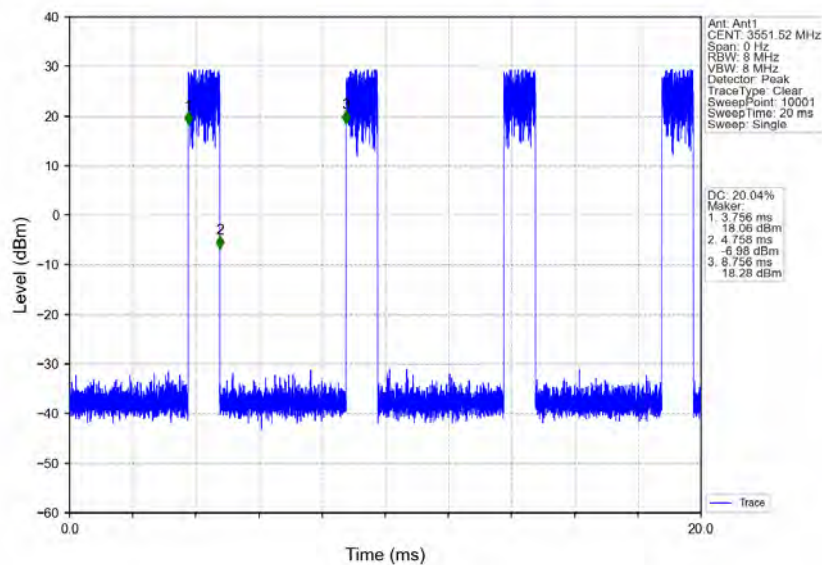
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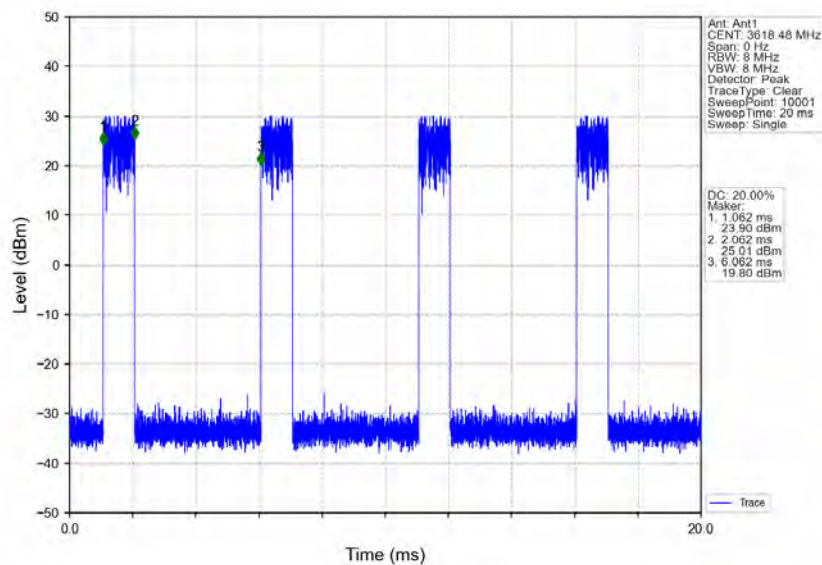
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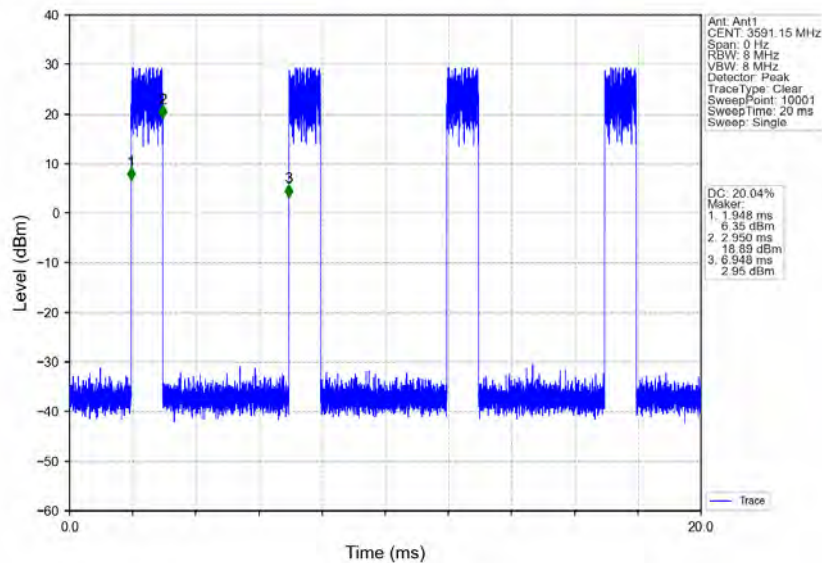
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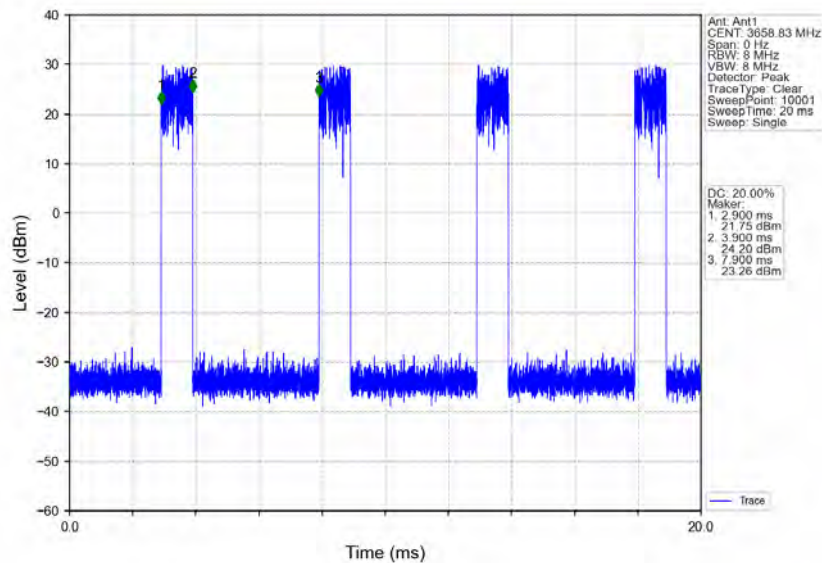
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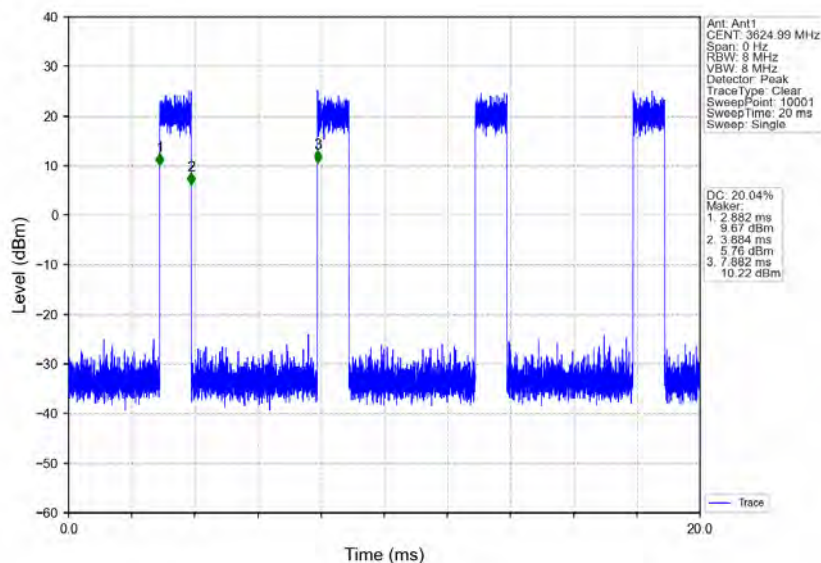
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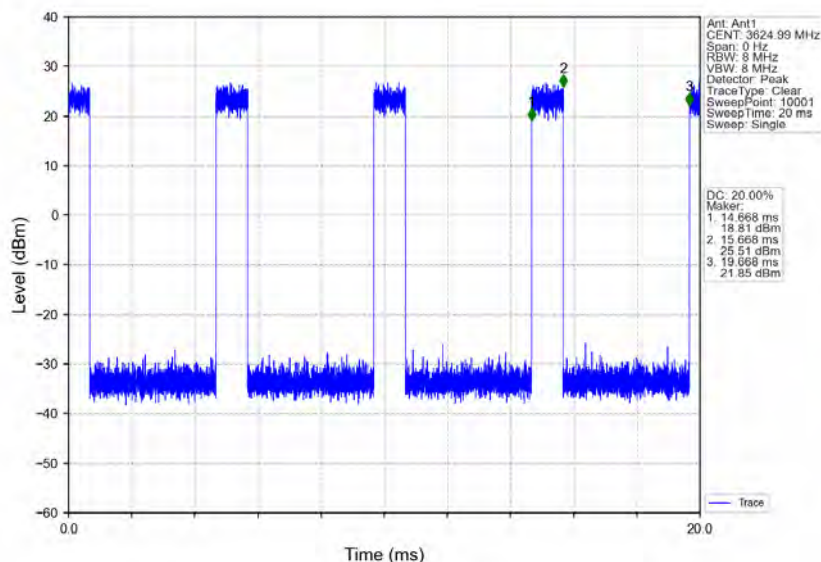
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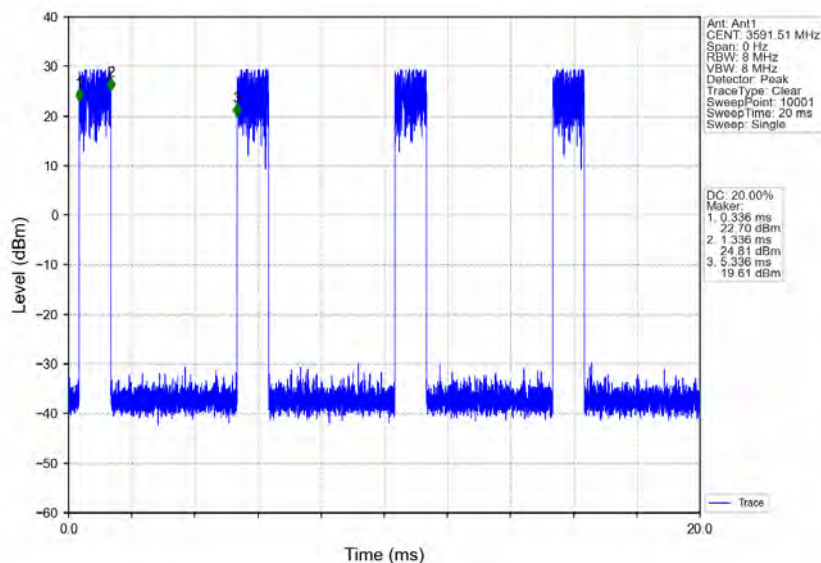
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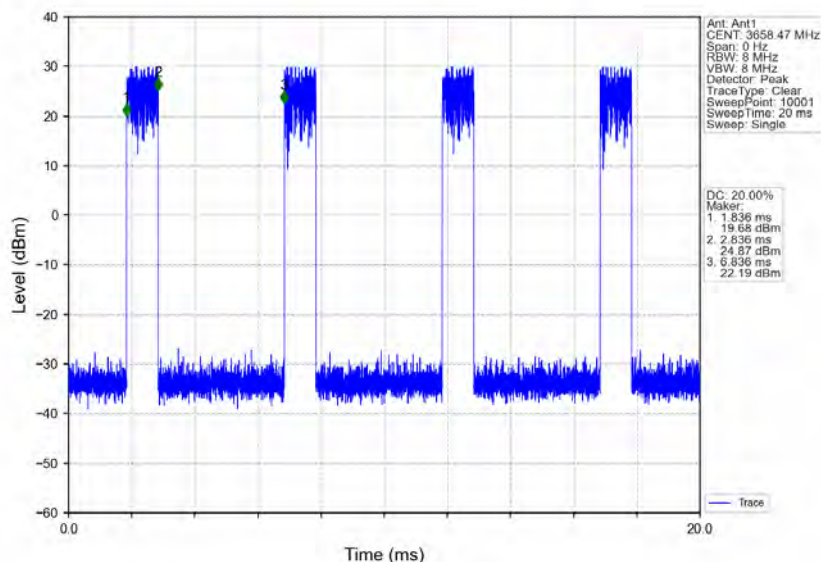
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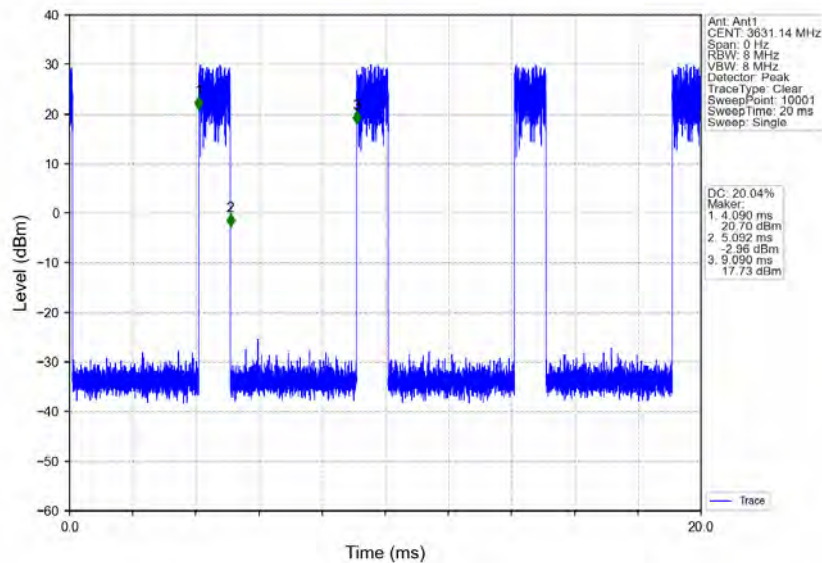
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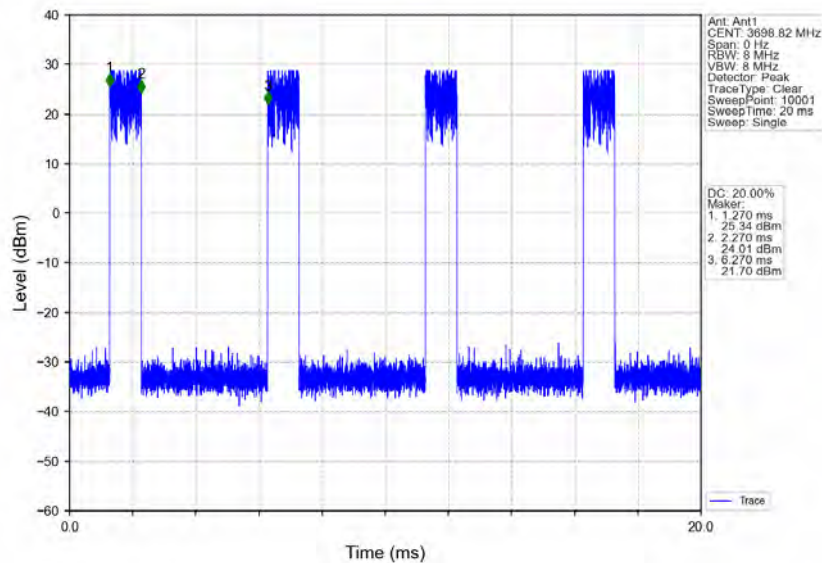
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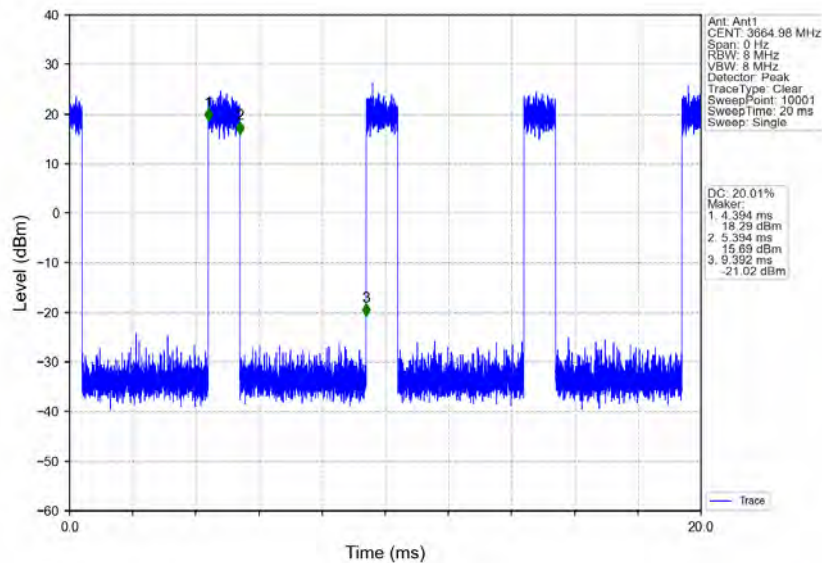
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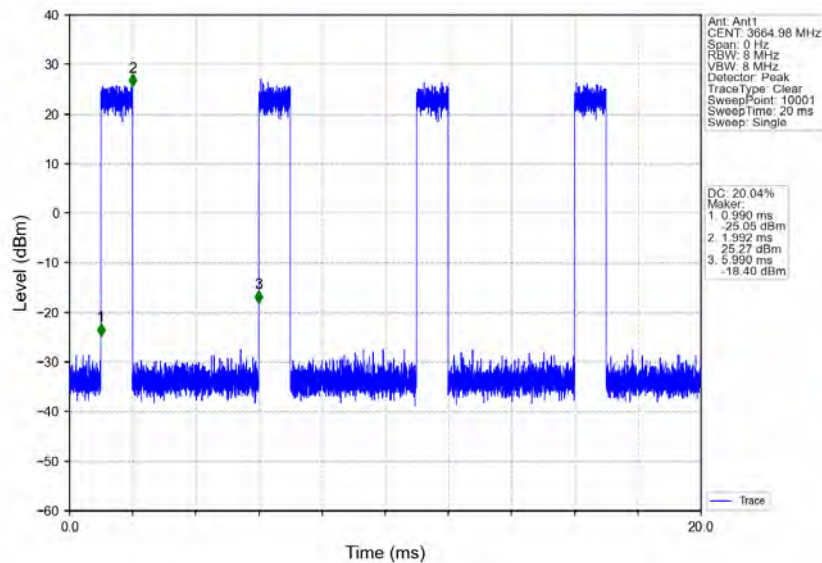
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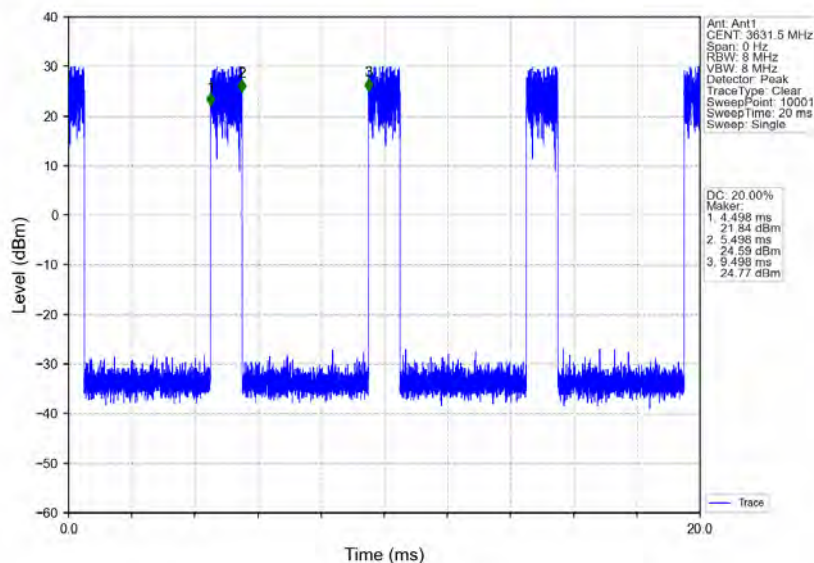
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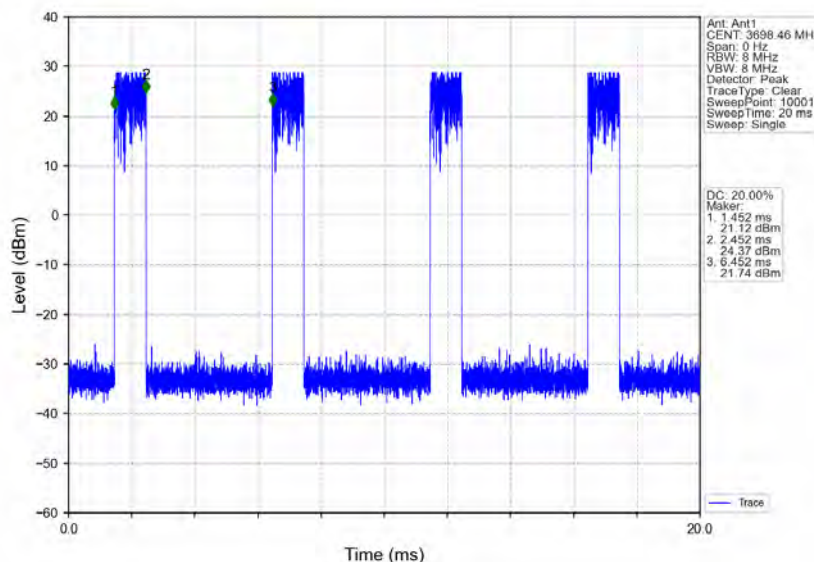
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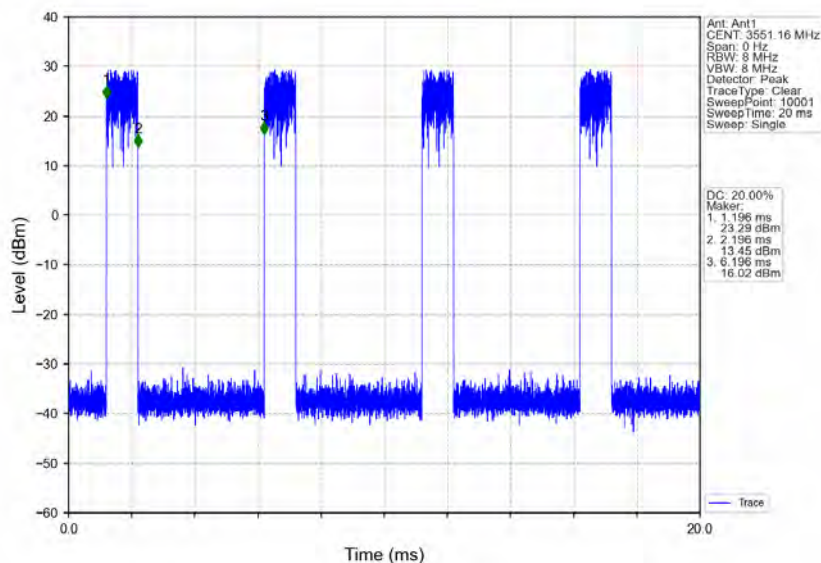
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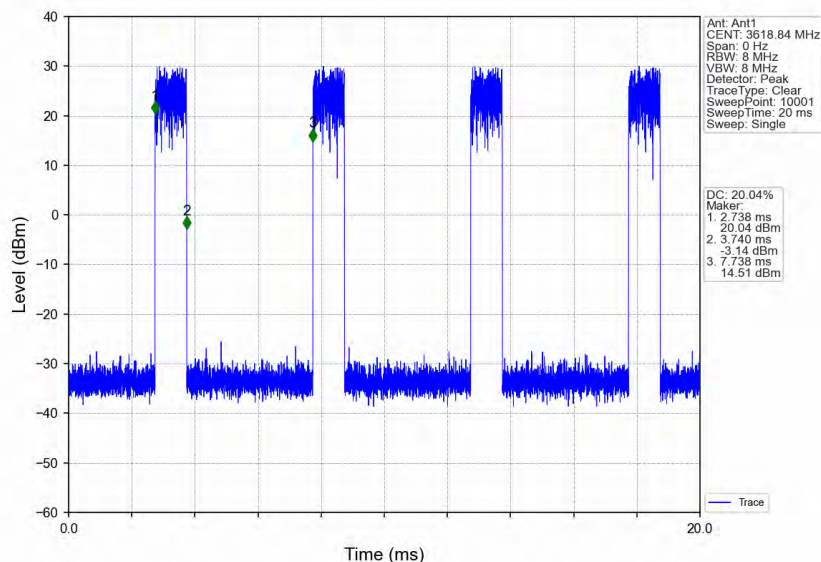
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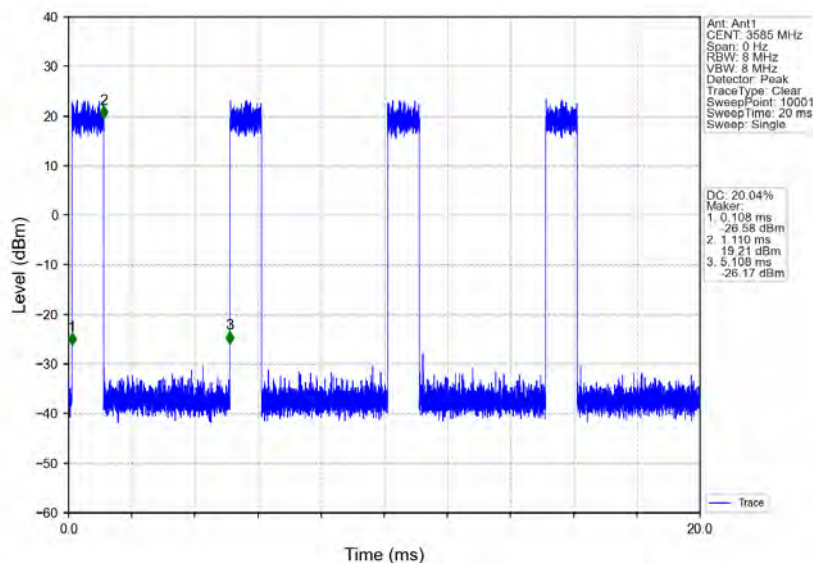
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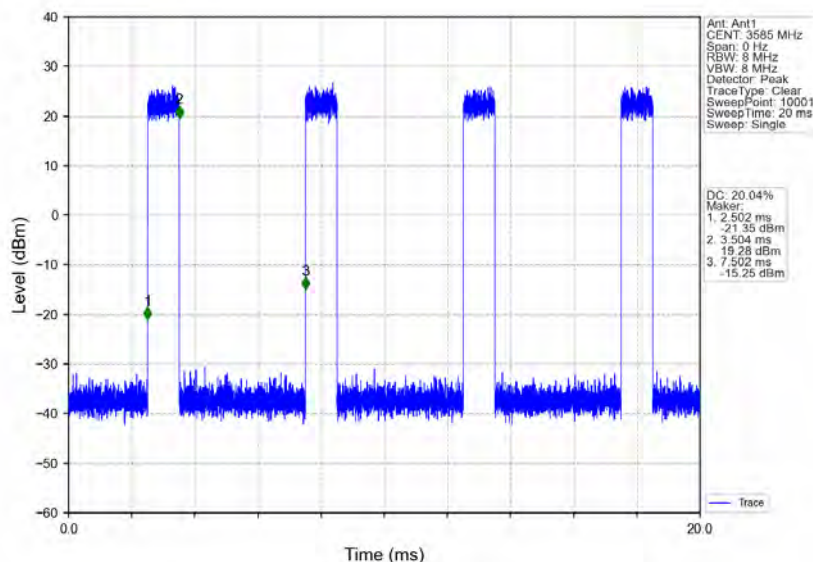
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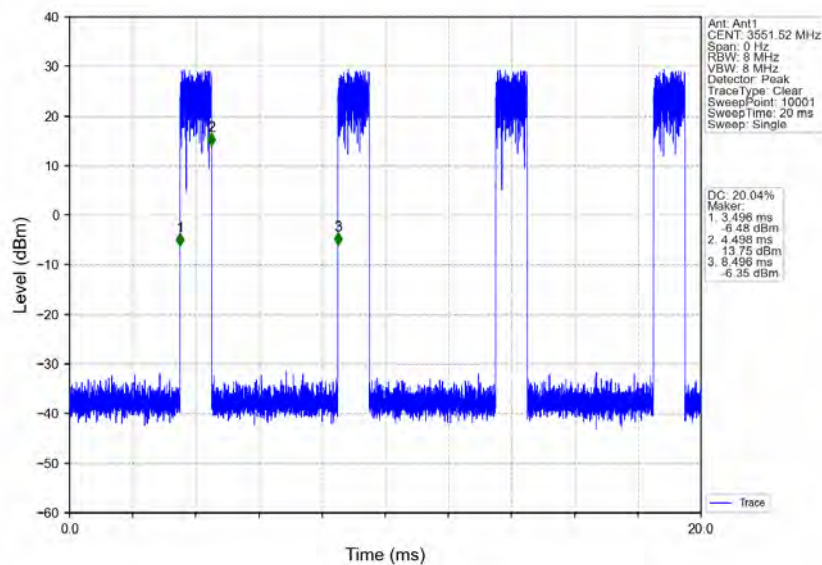
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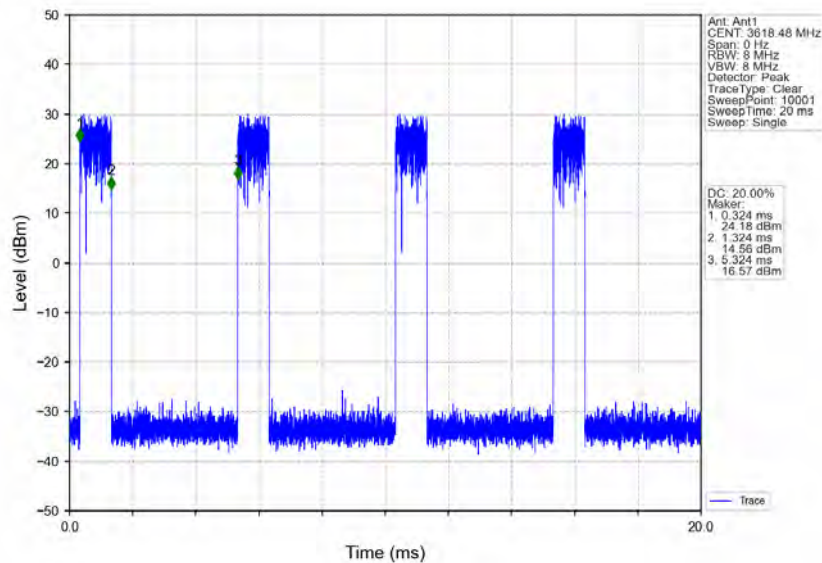
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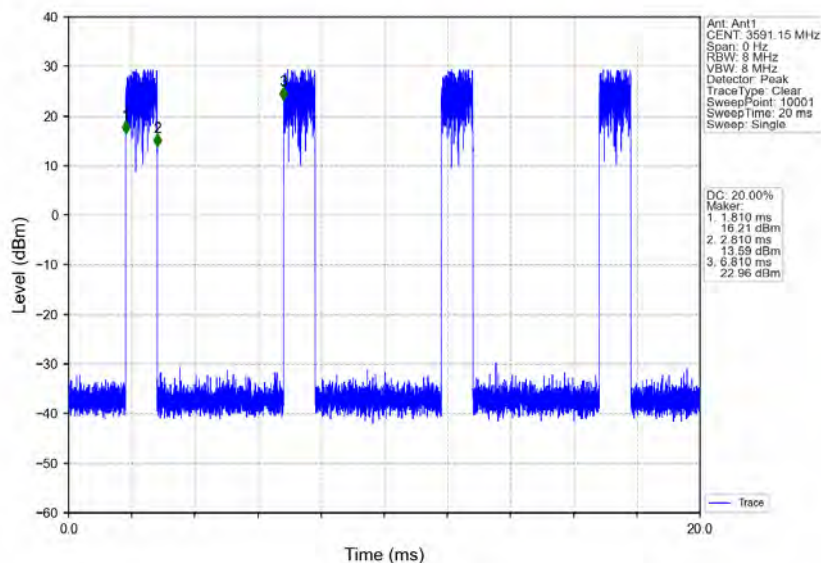
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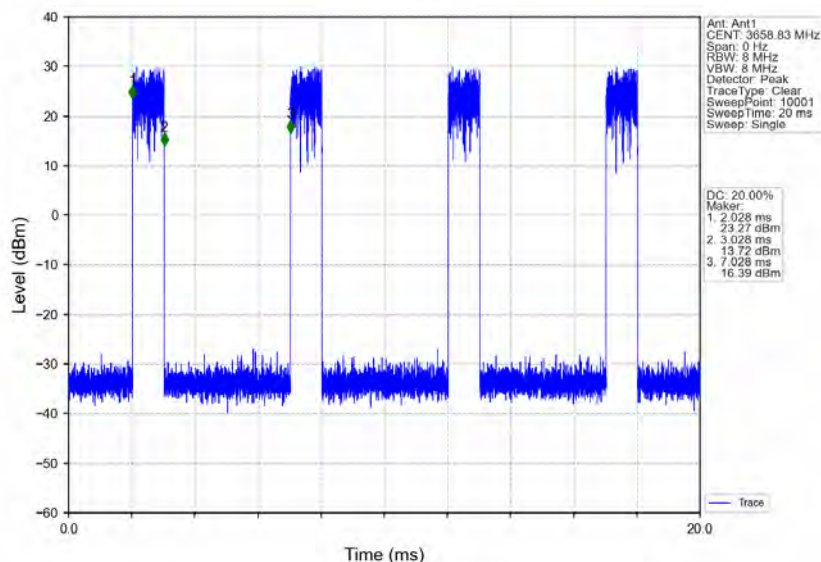
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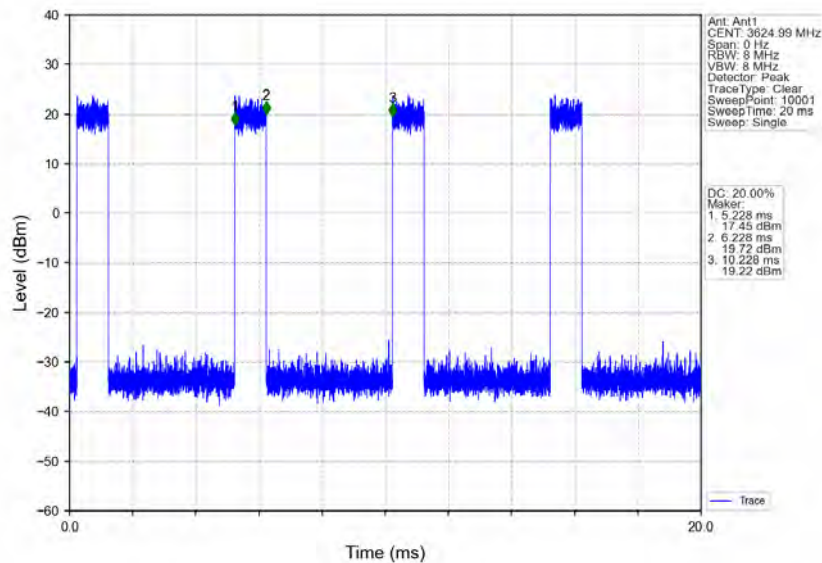
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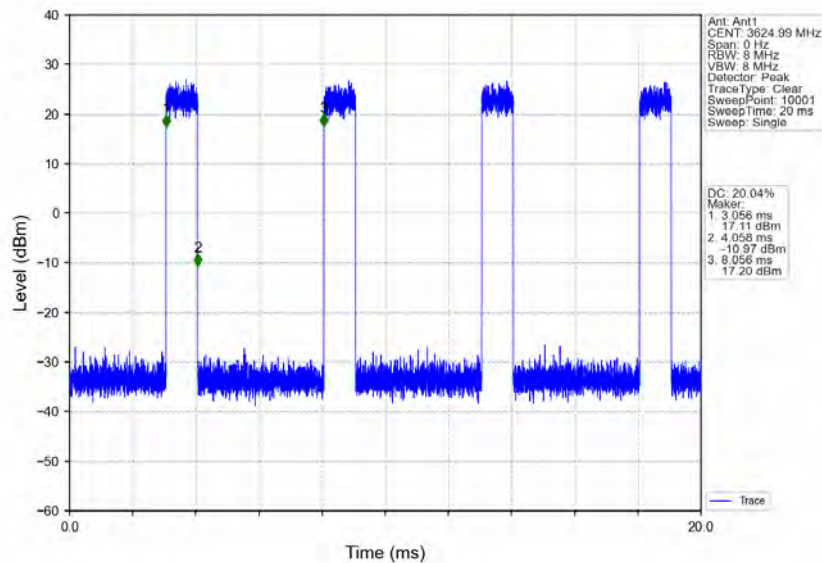
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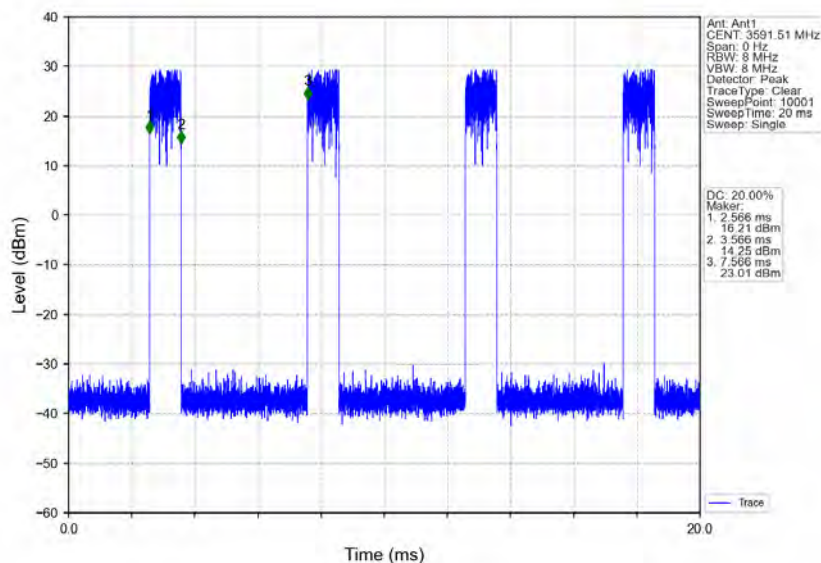
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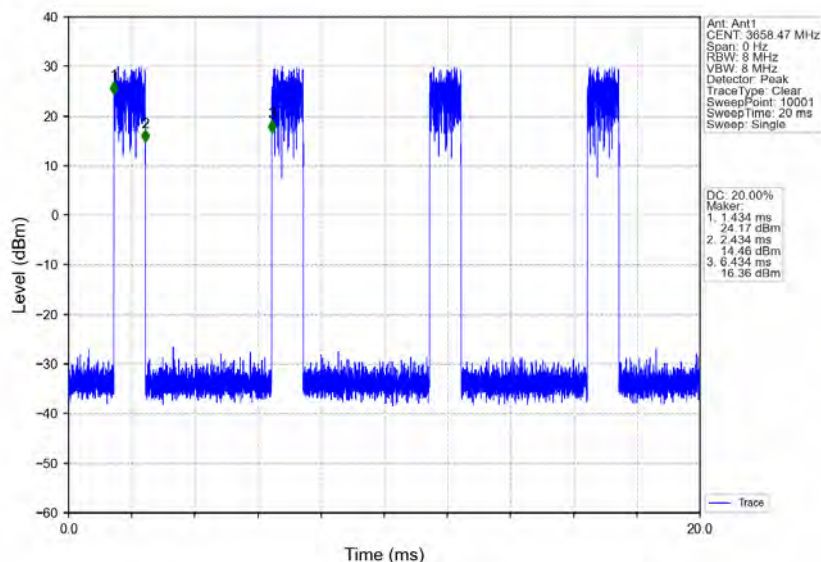
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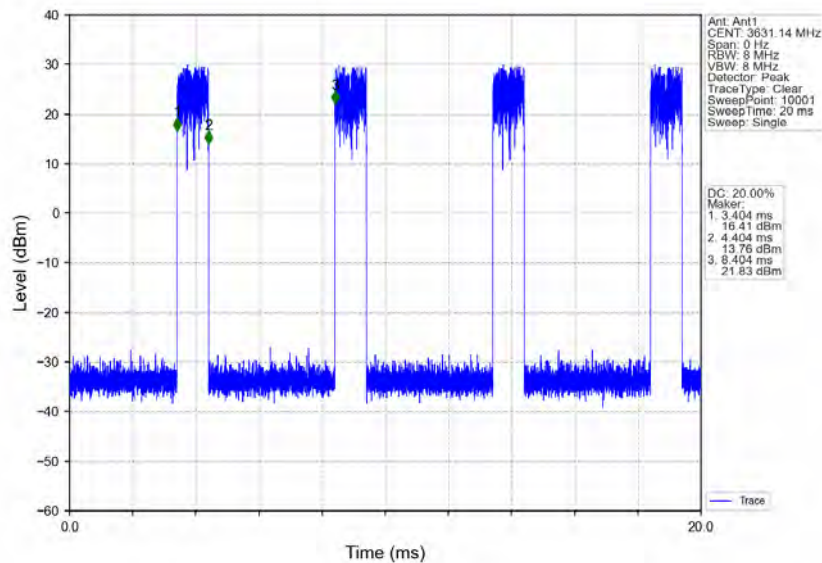
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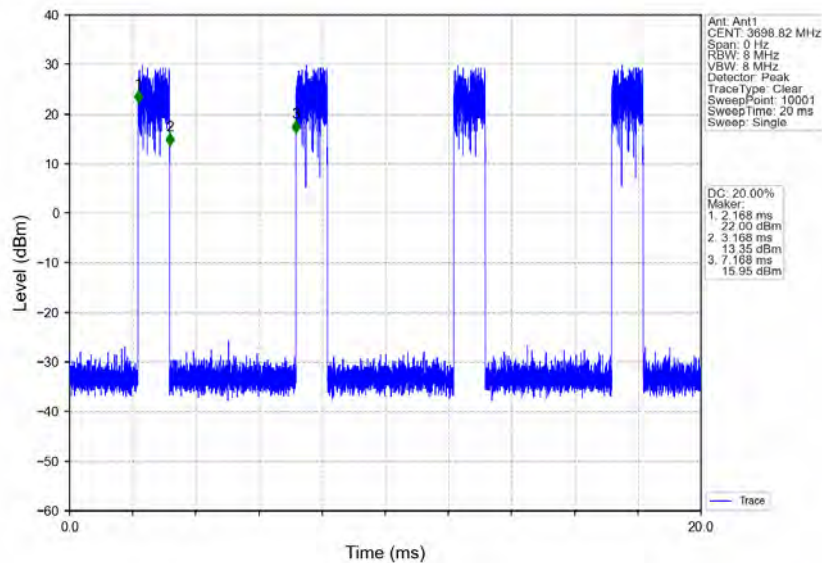
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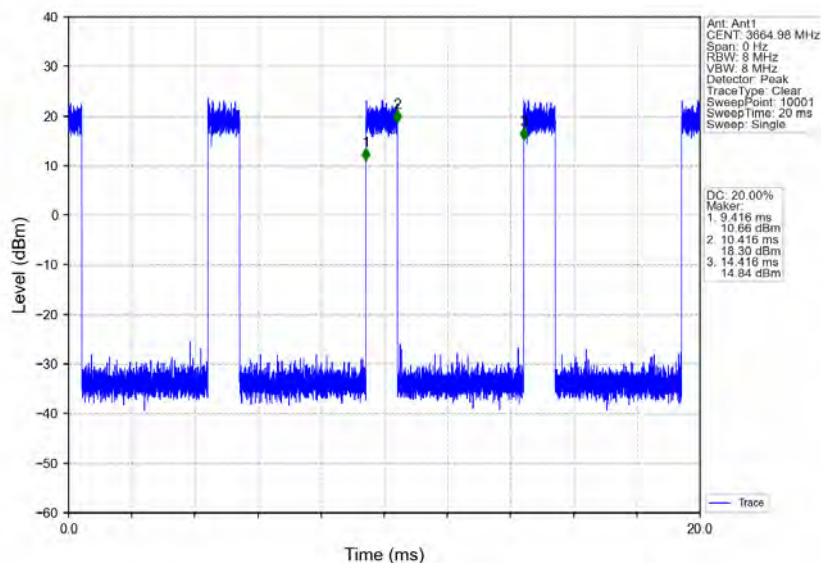
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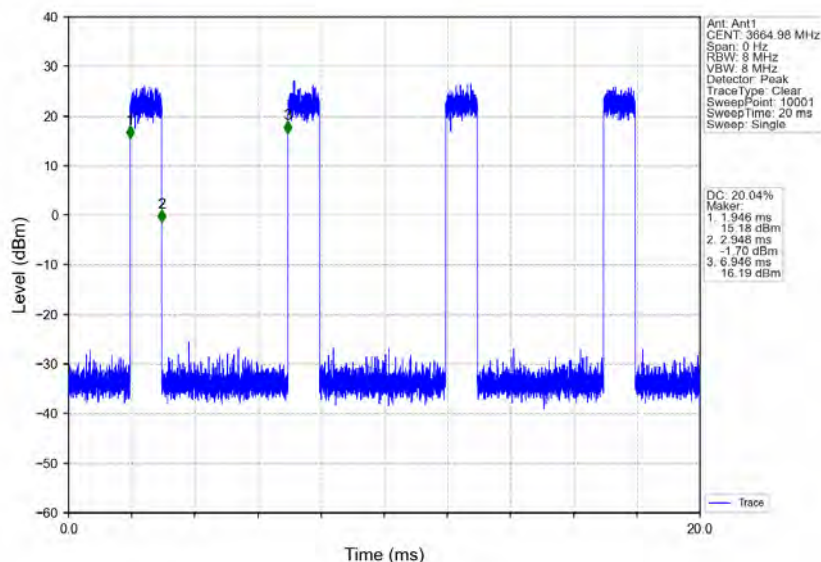
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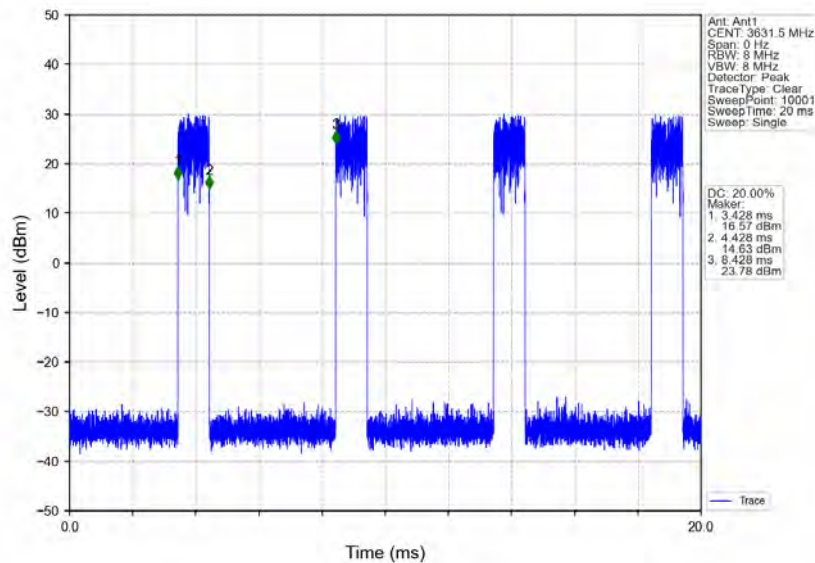
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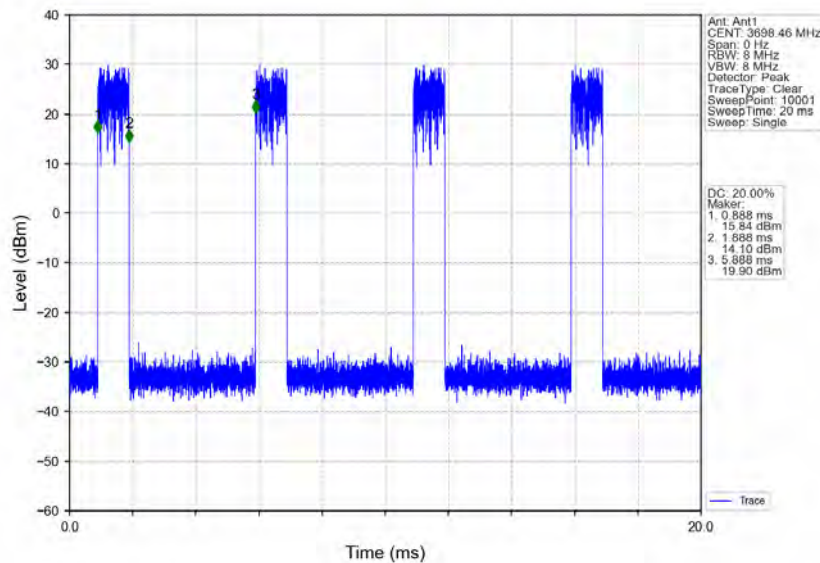
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n78d_30kHz_MIMO_NTNV_70MHz_CP-OFDM 64 QAM_3664.98MHz_Inner_1RB_Left



n78d_30kHz_MIMO_NTNV_70MHz_CP-OFDM 64 QAM_3664.98MHz_Inner_1RB_Right



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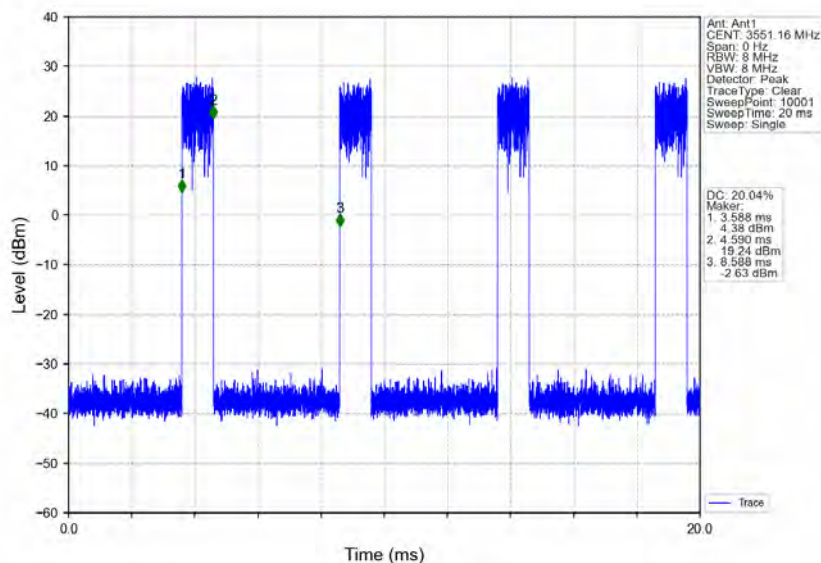
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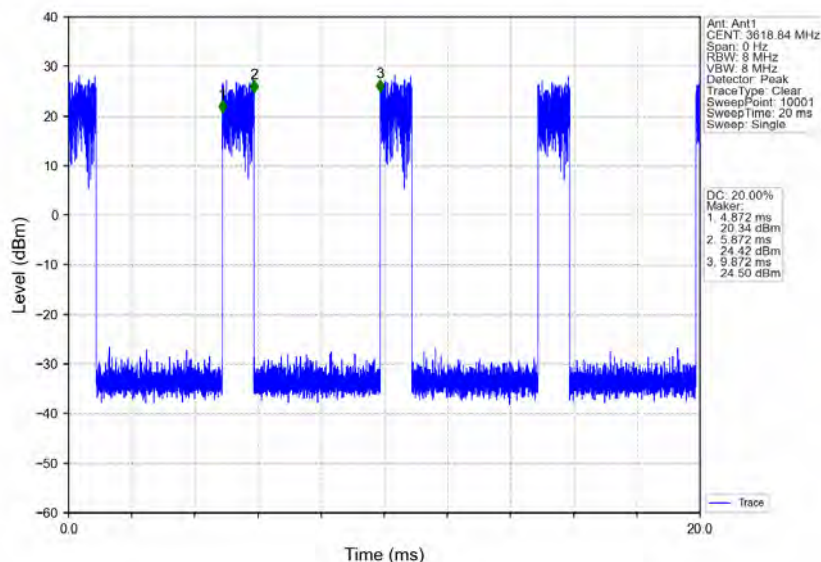
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n78d_30kHz_MIMO_NTNV_70MHz_CP-OFDM_256_QAM_3585MHz_Edge_1RB_Left



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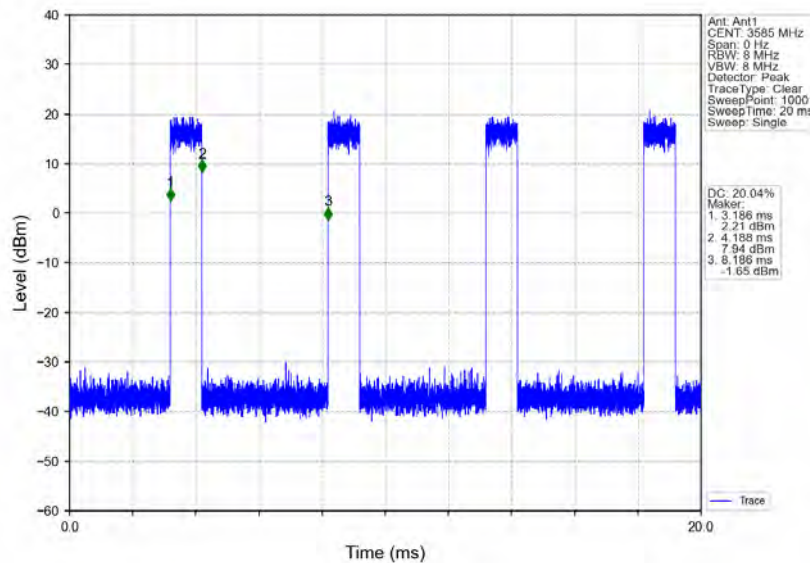
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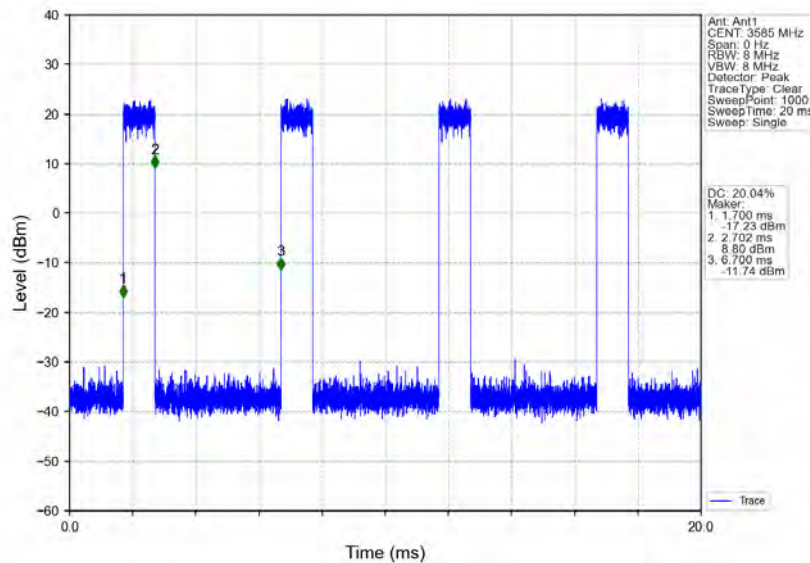
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n78d_30kHz_MIMO_NTNV_70MHz_CP-OFDM_256_QAM_3585MHz_Outer_Full



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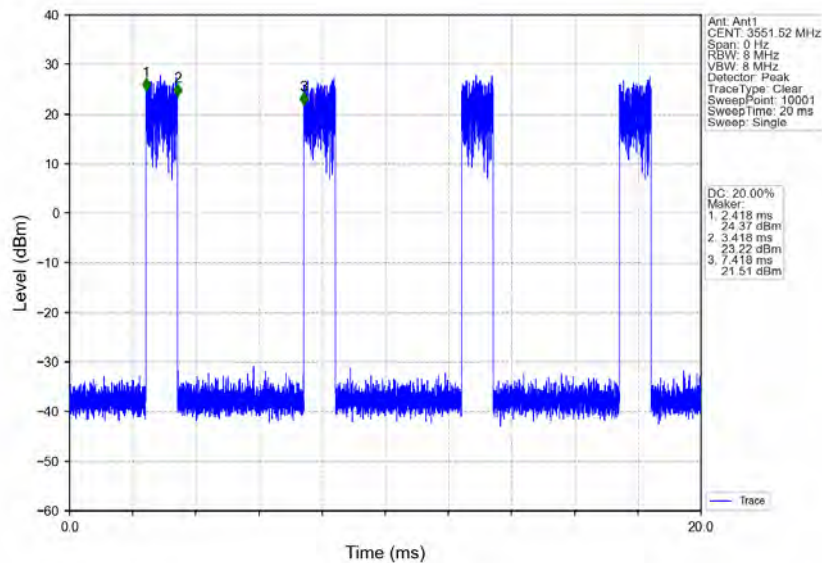
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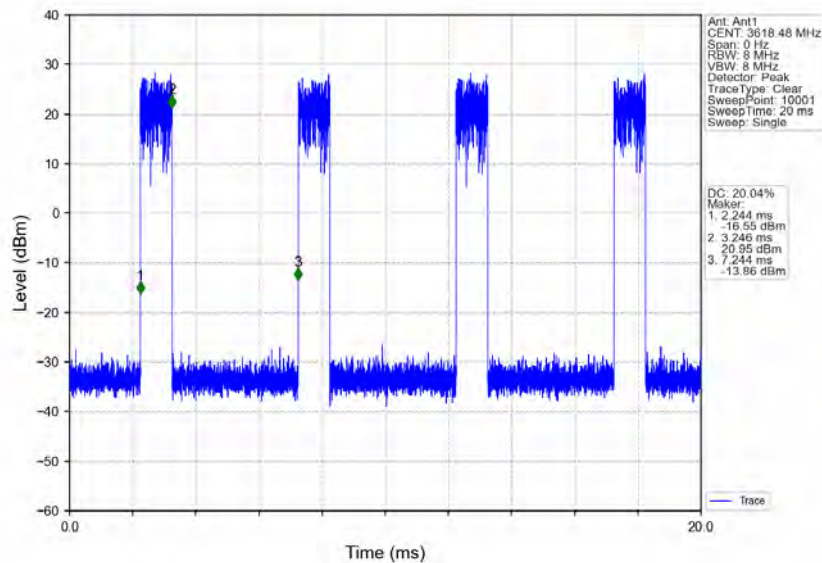
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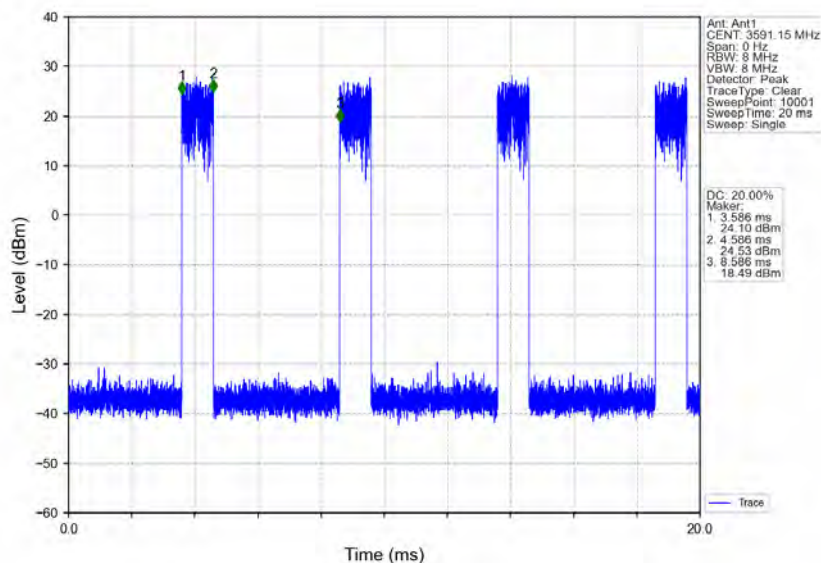
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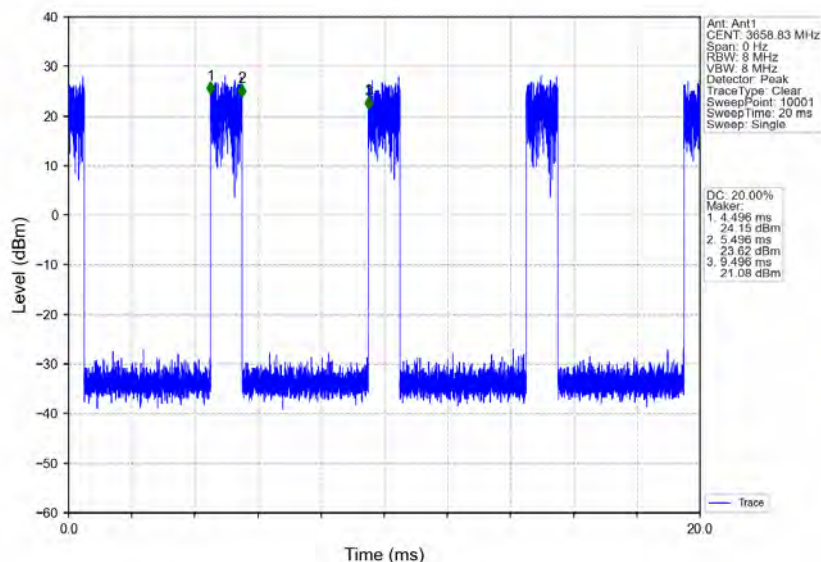
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n78d_30kHz_MIMO_NTNV_70MHz_CP-OFDM_256_QAM_3624.99MHz_Edge_1RB_Left



n78d_30kHz_MIMO_NTNV_70MHz_CP-OFDM_256_QAM_3624.99MHz_Edge_1RB_Right



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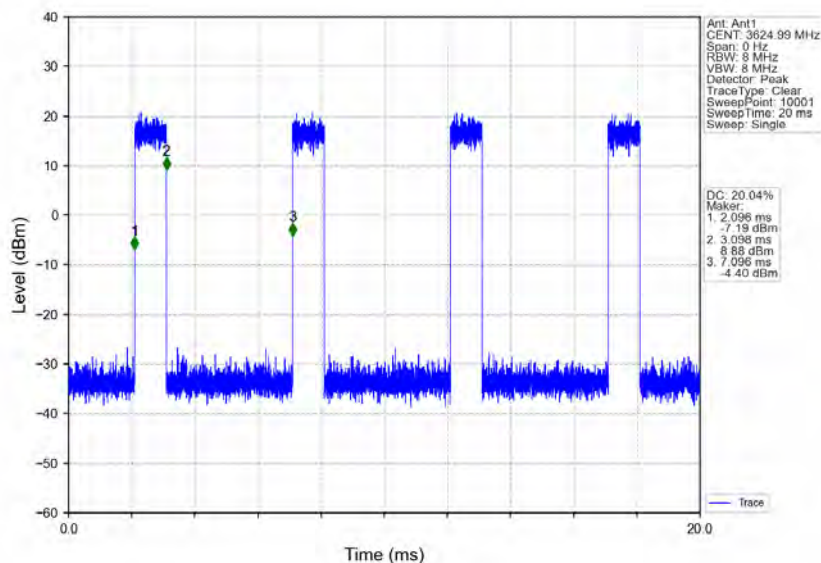
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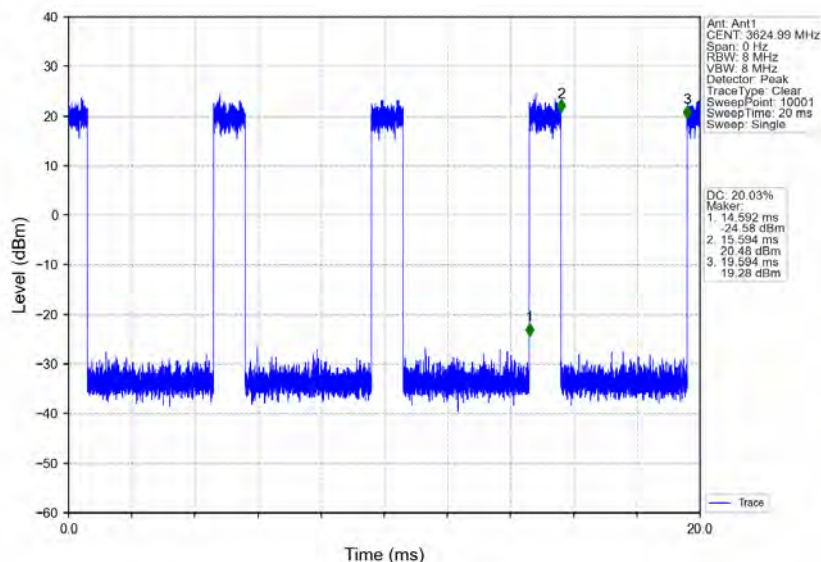
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n78d_30kHz_MIMO_NTNV_70MHz_CP-OFDM_256_QAM_3624.99MHz_Outer_Full



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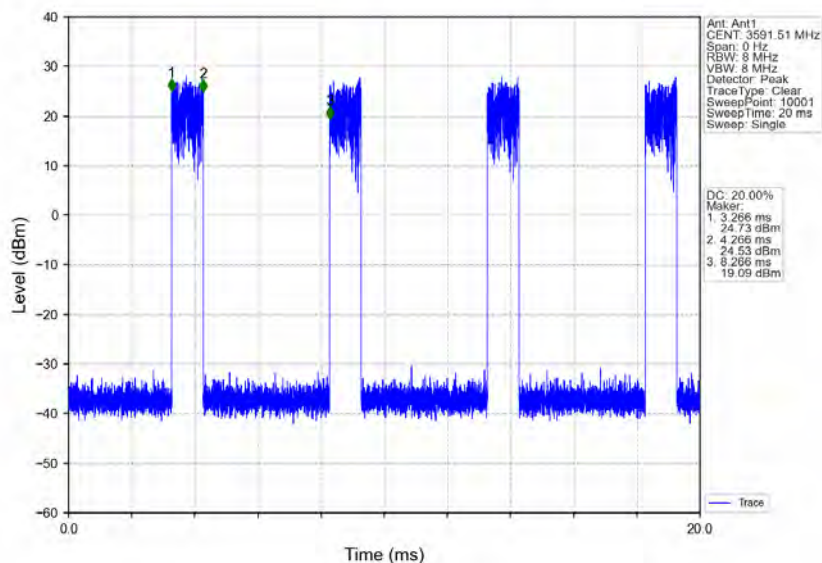
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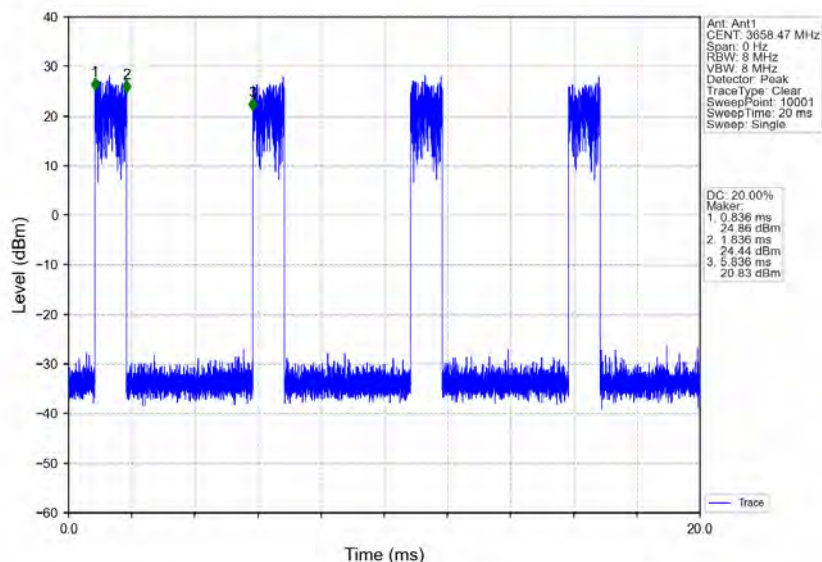
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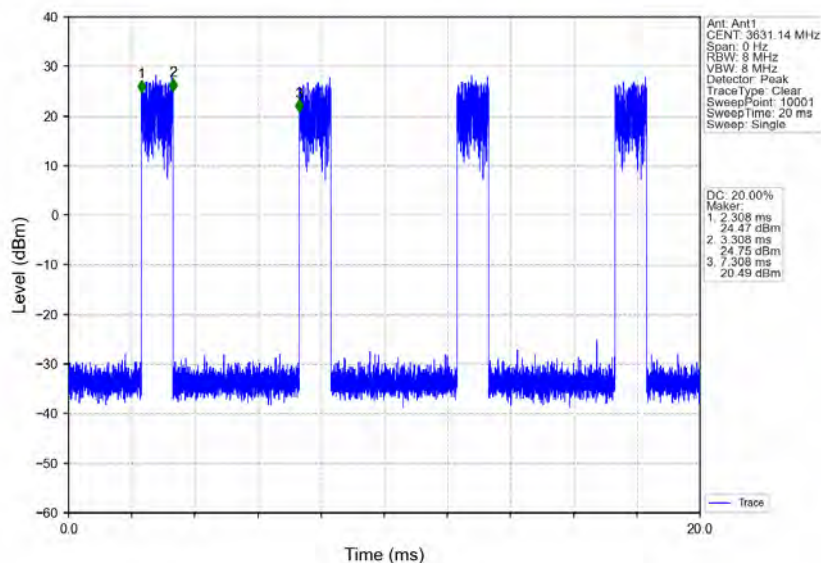
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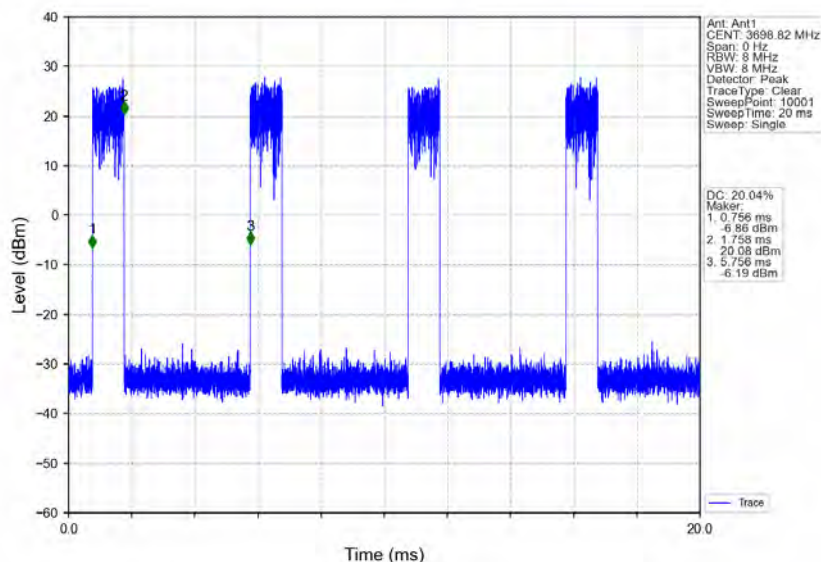
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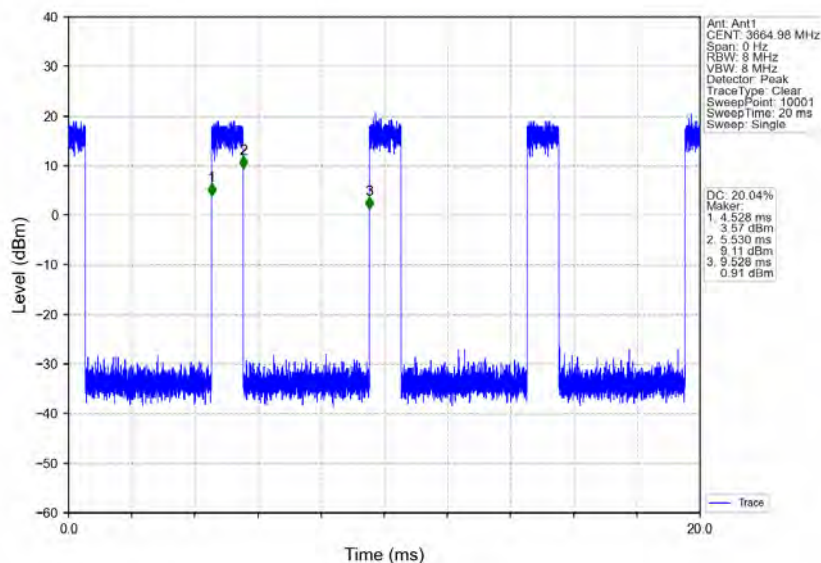
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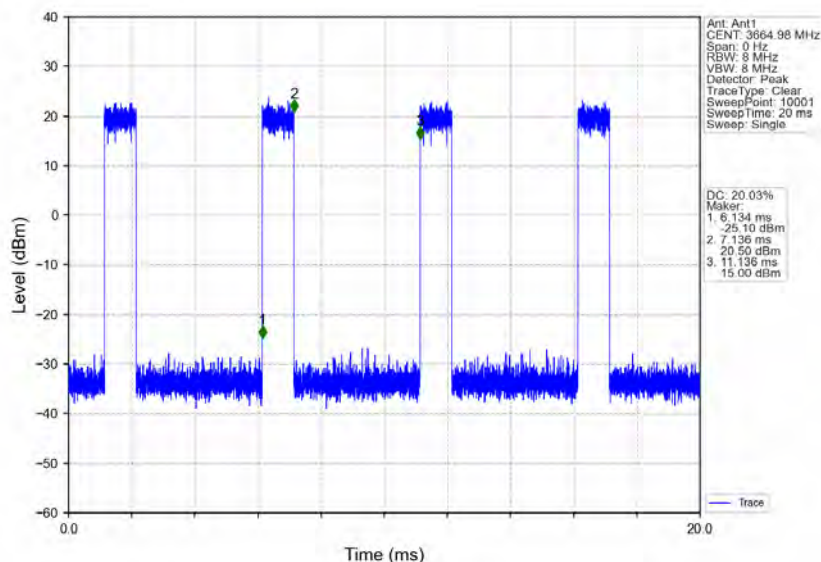
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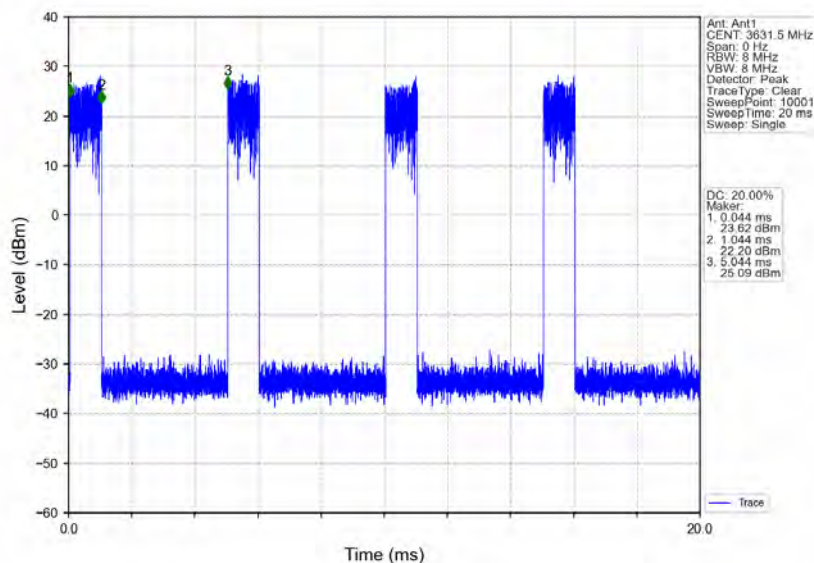
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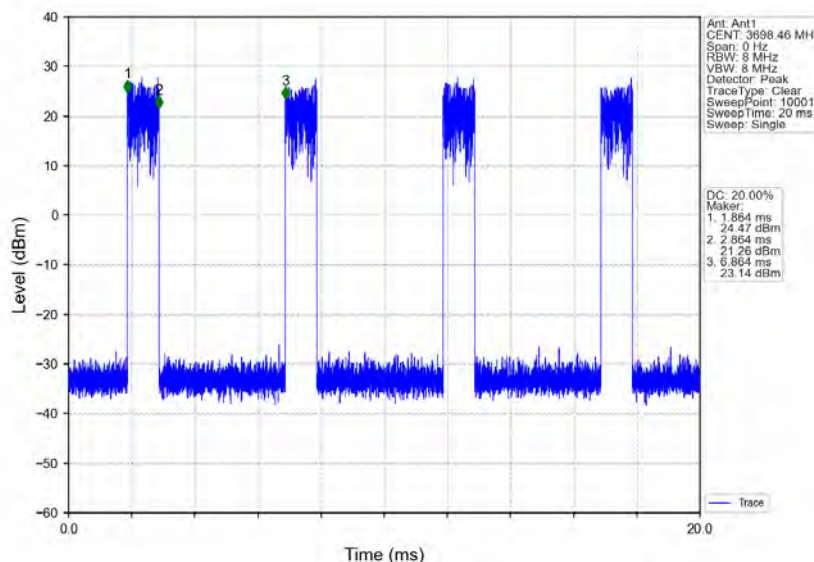
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1.9 30k_MIMO_80MHz_NTNV

1.9.1 Test Result

5G NR n78d SCS=30kHz MIMO 80MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
CP-OFDM QPSK	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	1.002	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	5.002	20.03	6.98	0.01
		Inner Full	1.000	4.998	20.01	6.99	0.03
		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	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.000	4.998	20.01	6.99	0.03
		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	3590.01	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.000	4.998	20.01	6.99	0.02
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.03
		Inner 1RB Left	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Right	1.000	4.998	20.01	6.99	0.02
	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	1.000	5.000	20.00	6.99	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	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.000	5.000	20.00	6.99	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
CP-OFDM 64 QAM	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	0.03
		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

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		Outer_Full	1.000	5.000	20.00	6.99	0.00
		Inner_Full	1.000	5.000	20.00	6.99	0.03
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3660	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.04
		Outer_Full	1.000	5.000	20.00	6.99	0.00
		Inner_Full	1.000	4.998	20.01	6.99	0.03
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
CP-OFDM 256 QAM	3590.01	Outer_Full	1.002	5.002	20.03	6.98	0.01
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.002	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
	3624.99	Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.000	5.000	20.00	6.99	0.00
		Inner_Full	1.000	4.998	20.01	6.99	0.03
		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	1.000	5.000	20.00	6.99	0.00
		Inner_Full	1.000	4.998	20.01	6.99	0.03



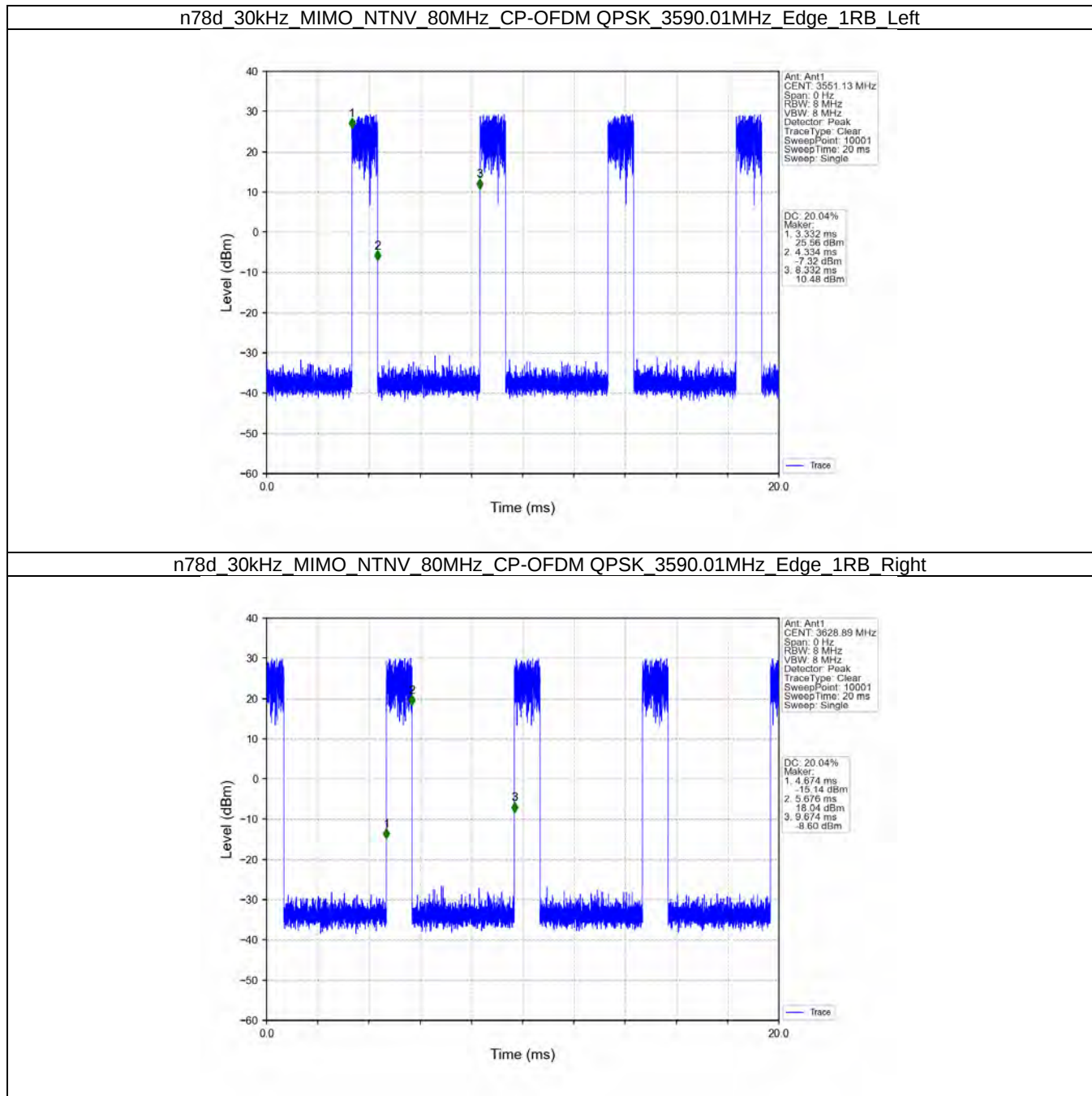
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1.9.2 Test Graph



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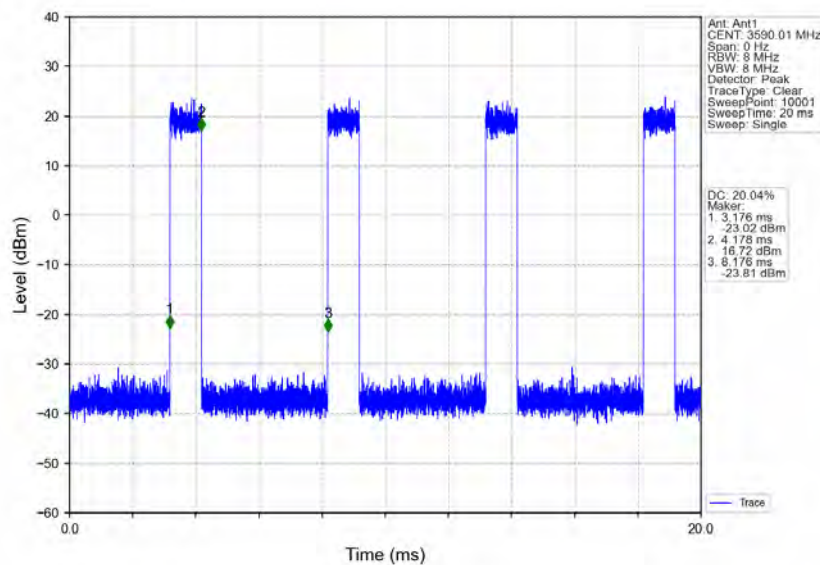
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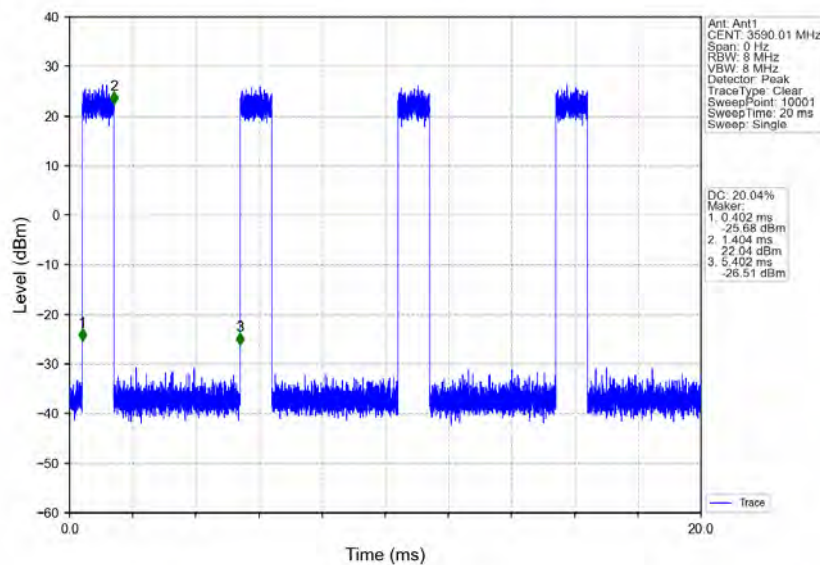
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n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_QPSK_3590.01MHz_Outer_Full



n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_QPSK_3590.01MHz_Inner_Full



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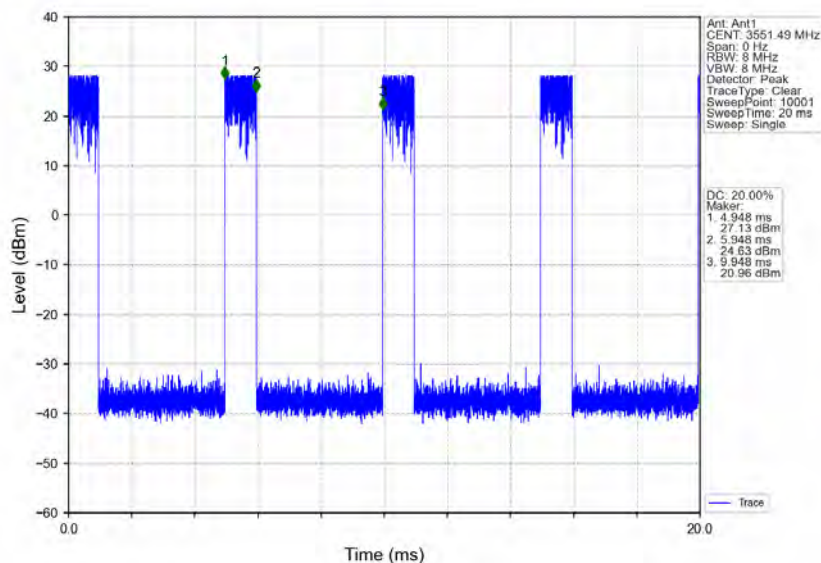
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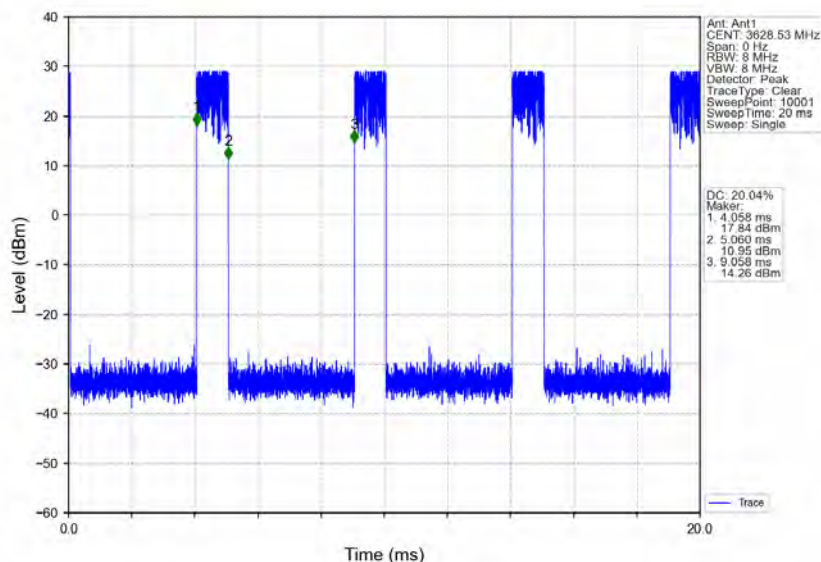
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n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_QPSK_3590.01MHz_Inner_1RB_Left



n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_QPSK_3590.01MHz_Inner_1RB_Right



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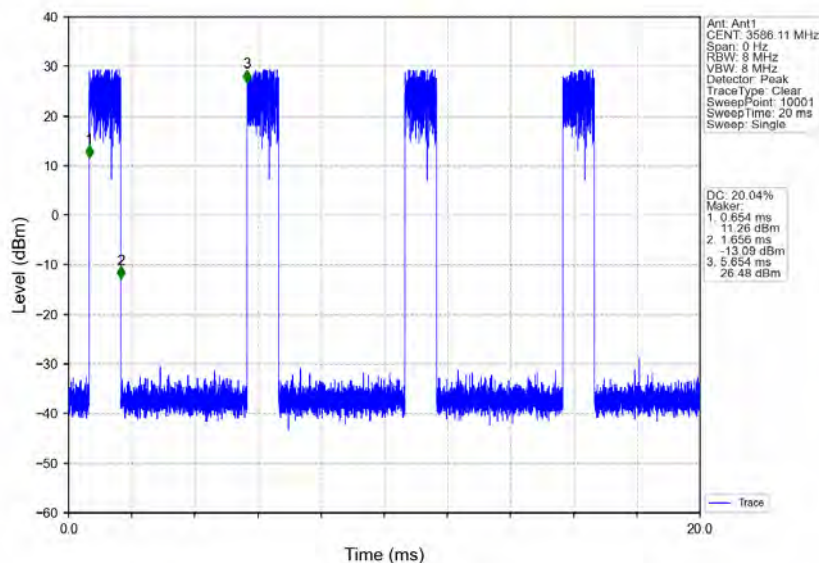
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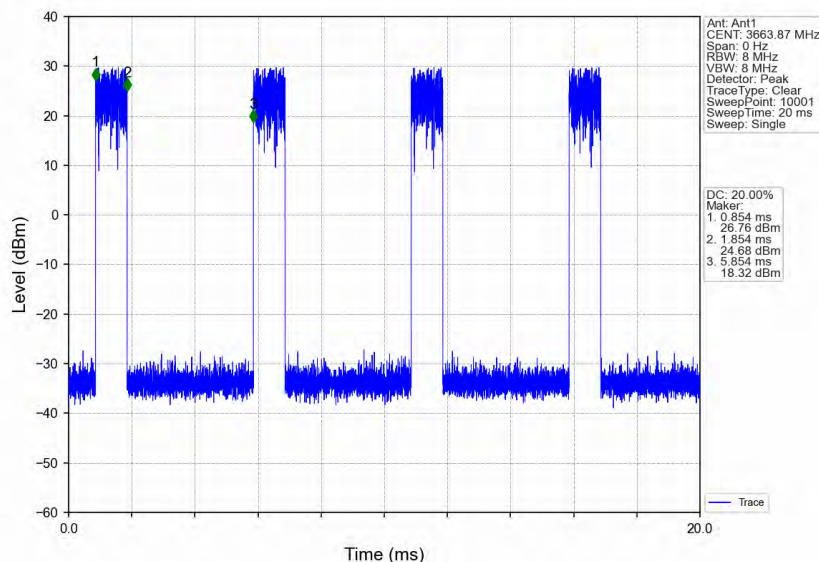
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n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_QPSK_3624.99MHz_Edge_1RB_Left



n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_QPSK_3624.99MHz_Edge_1RB_Right



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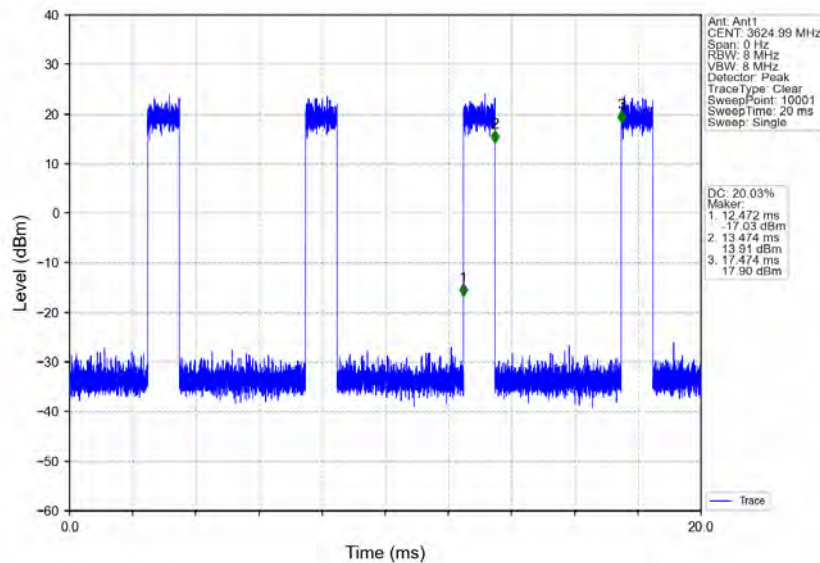
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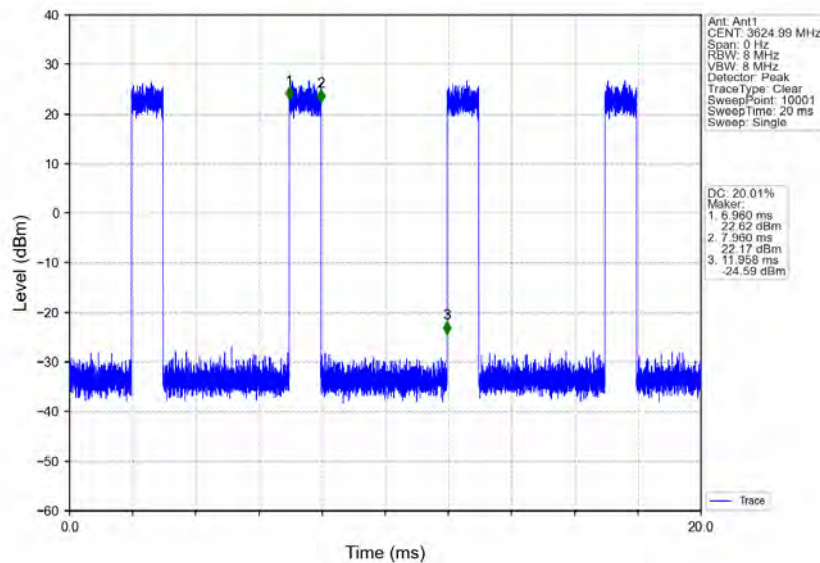
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n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_QPSK_3624.99MHz_Outer_Full



n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_QPSK_3624.99MHz_Inner_Full



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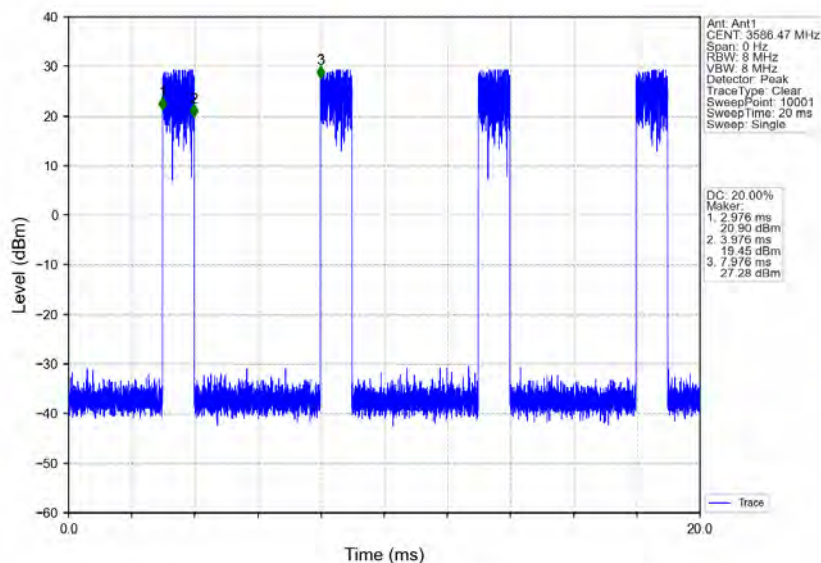
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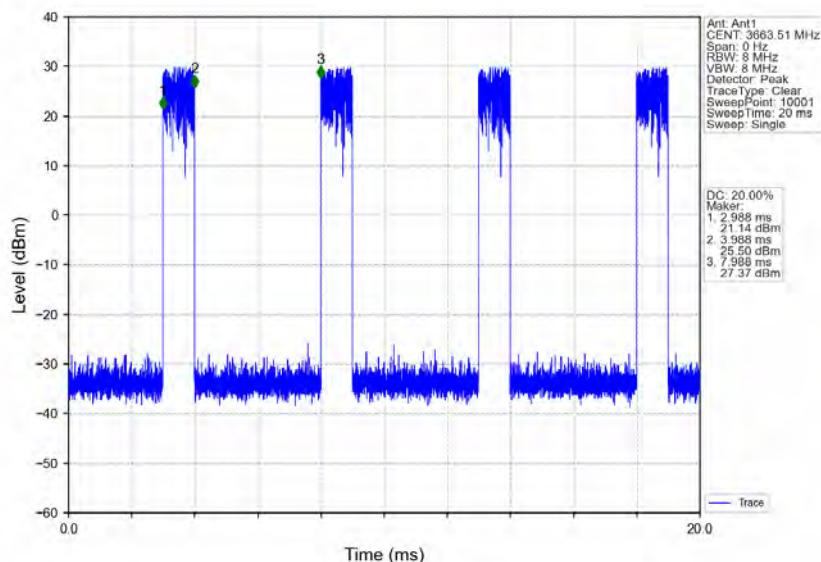
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n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_QPSK_3624.99MHz_Inner_1RB_Left



n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_QPSK_3624.99MHz_Inner_1RB_Right



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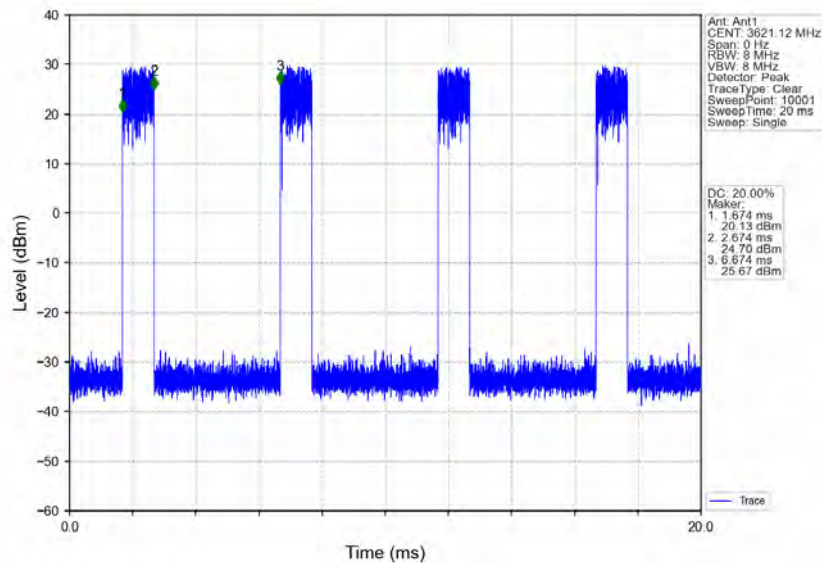
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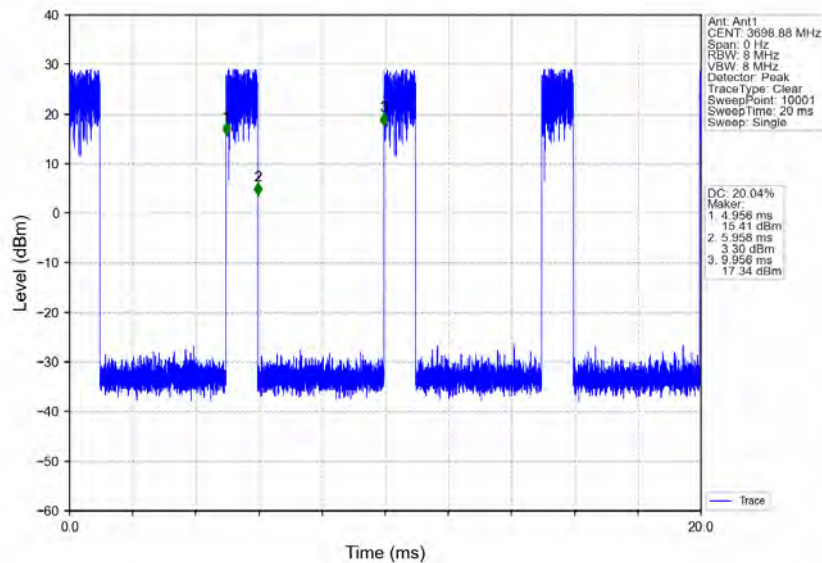
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n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM QPSK_3660MHz_Edge_1RB_Left



n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM QPSK_3660MHz_Edge_1RB_Right



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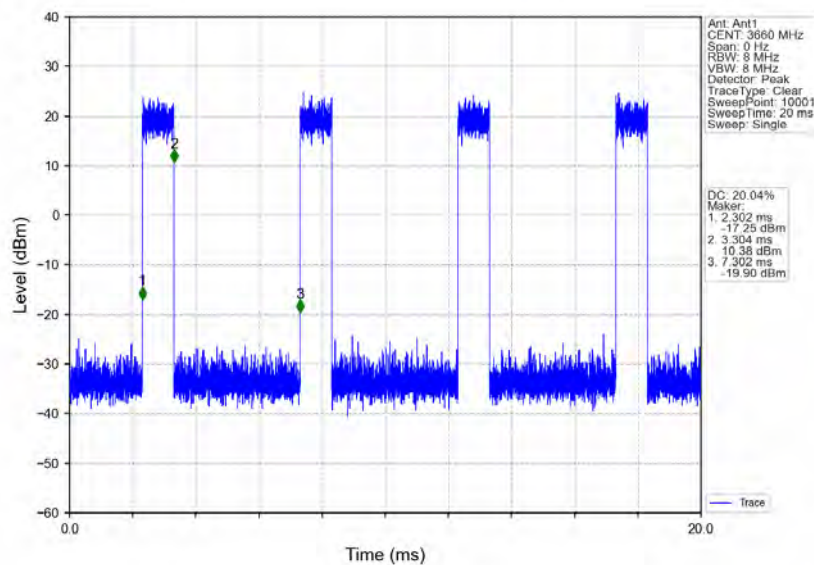
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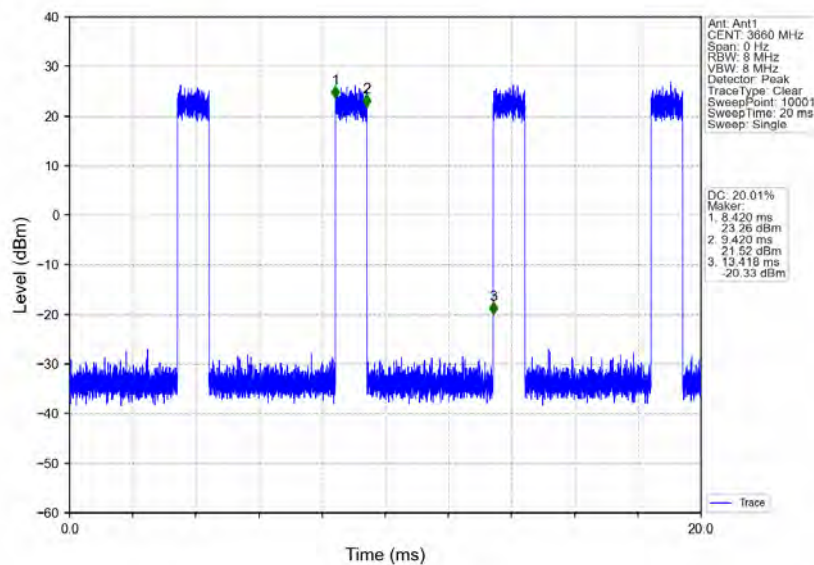
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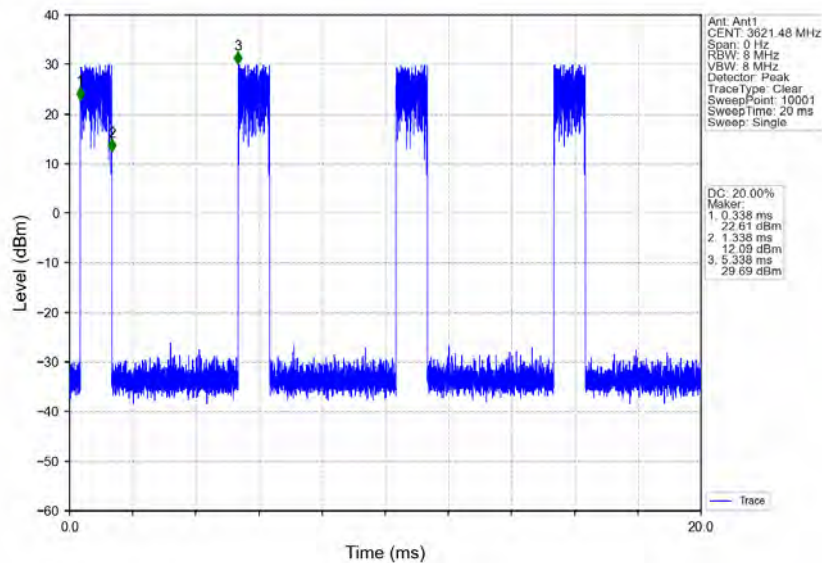
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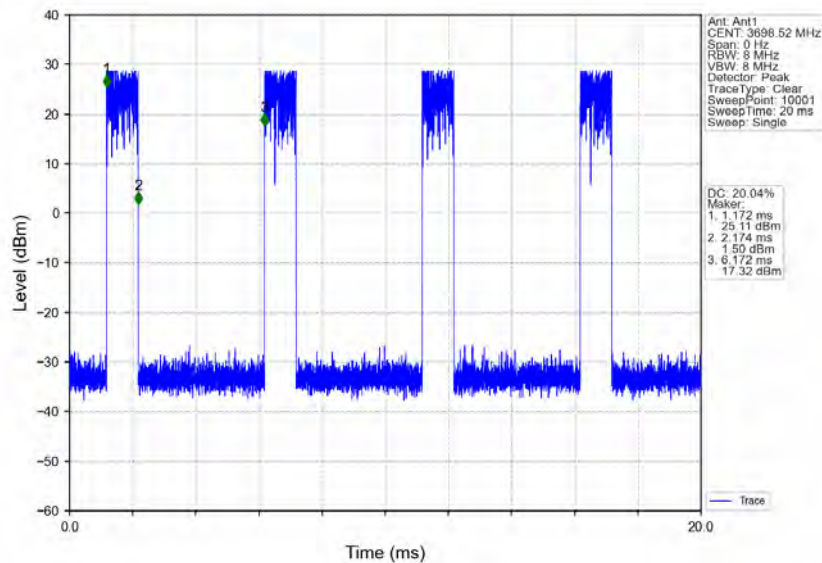
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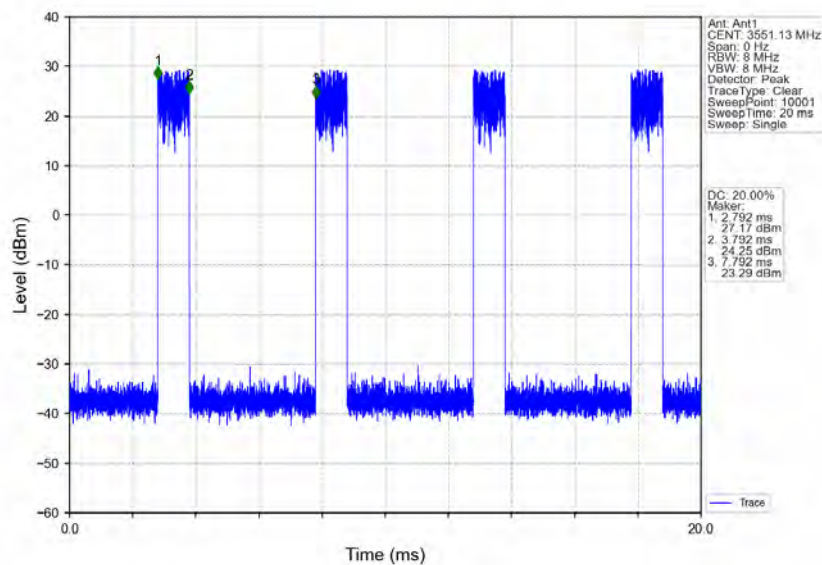
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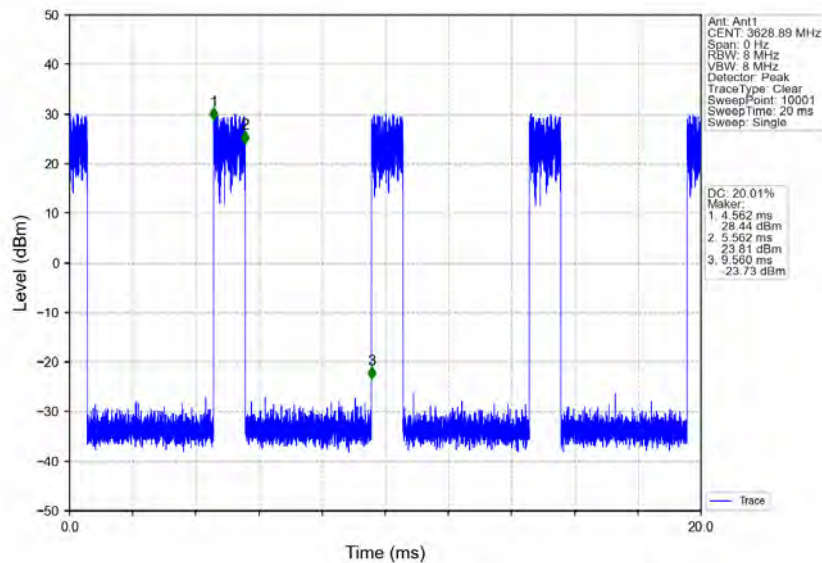
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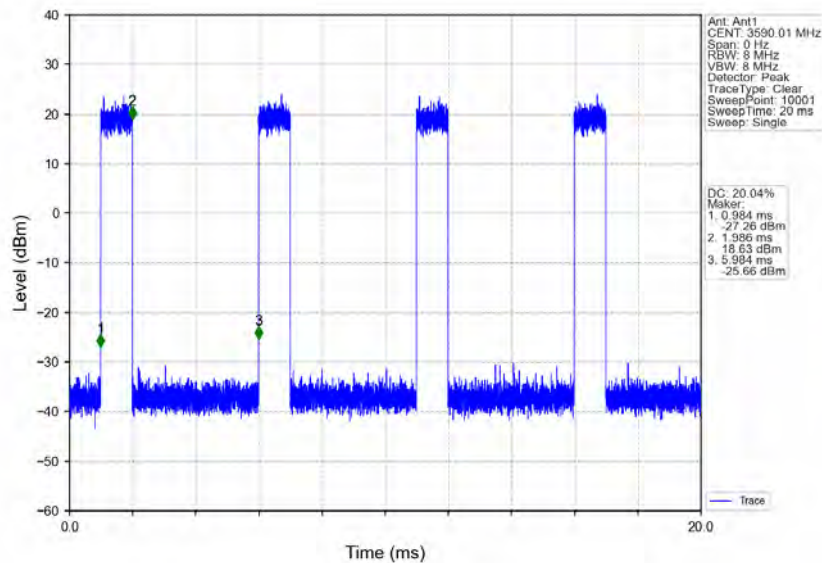
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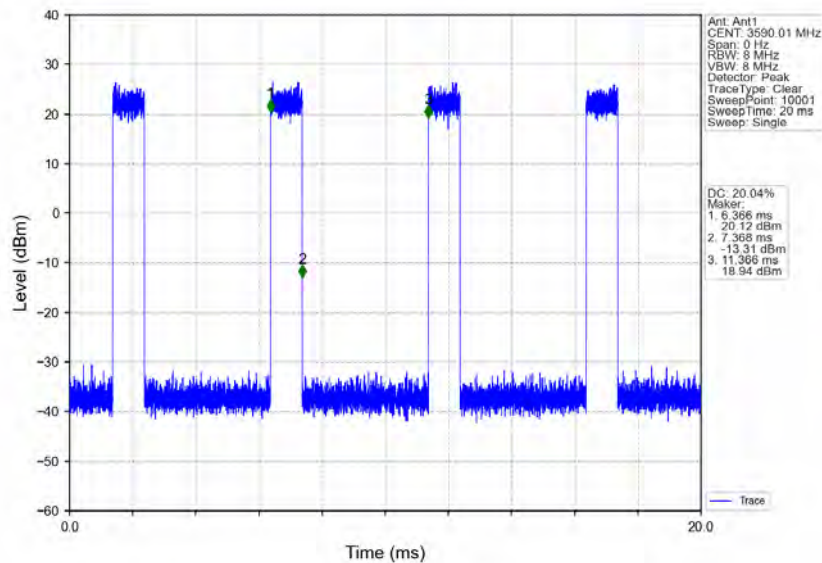
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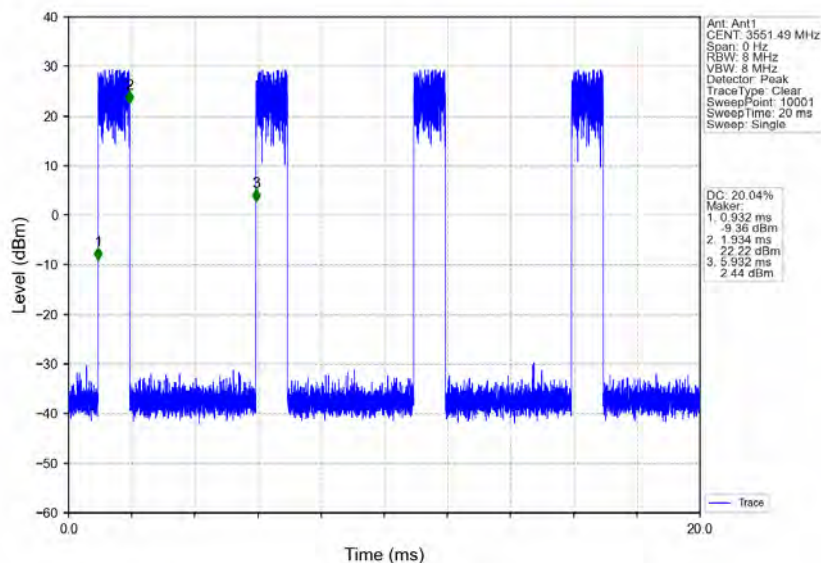
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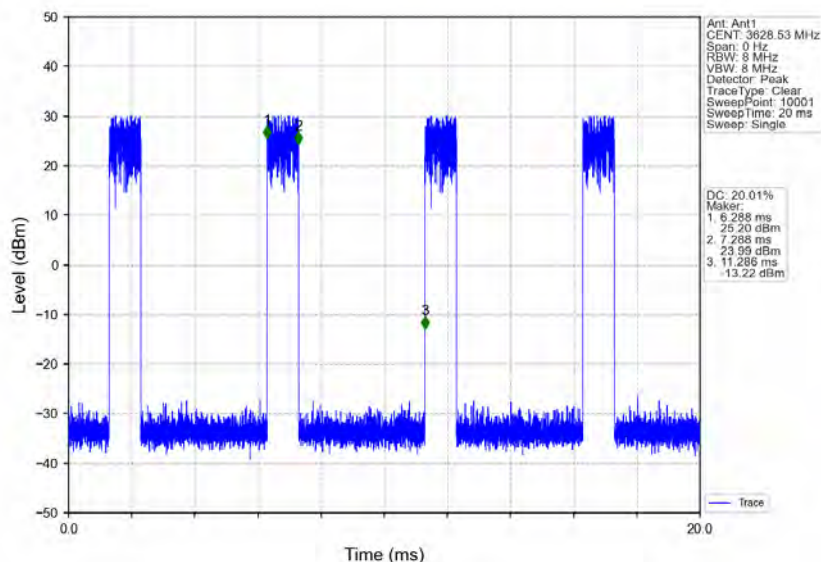
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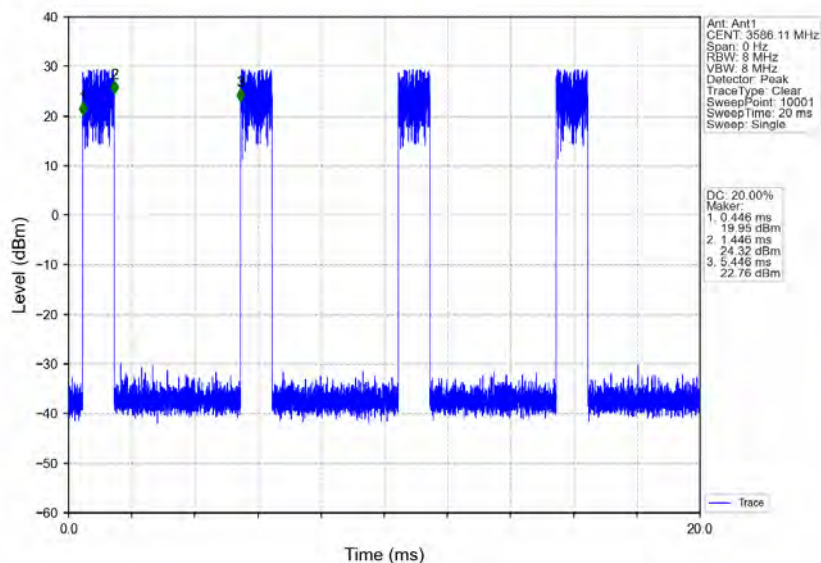
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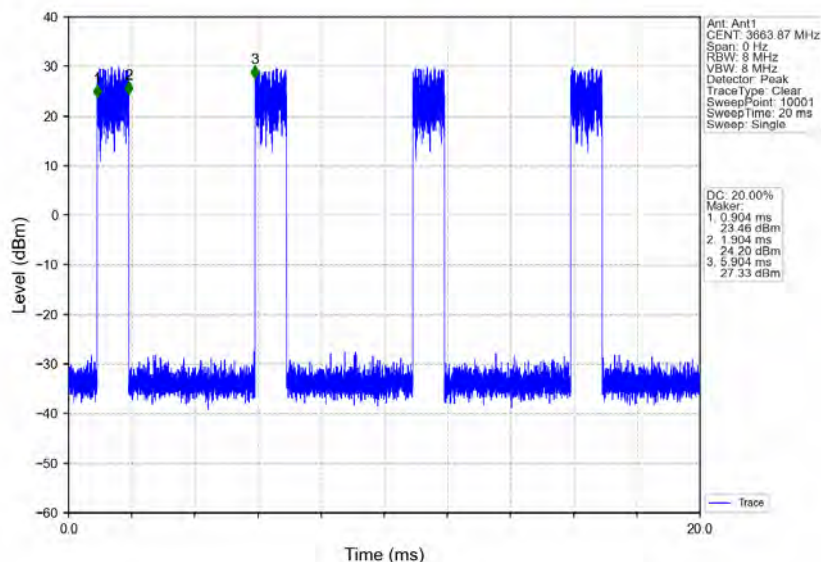
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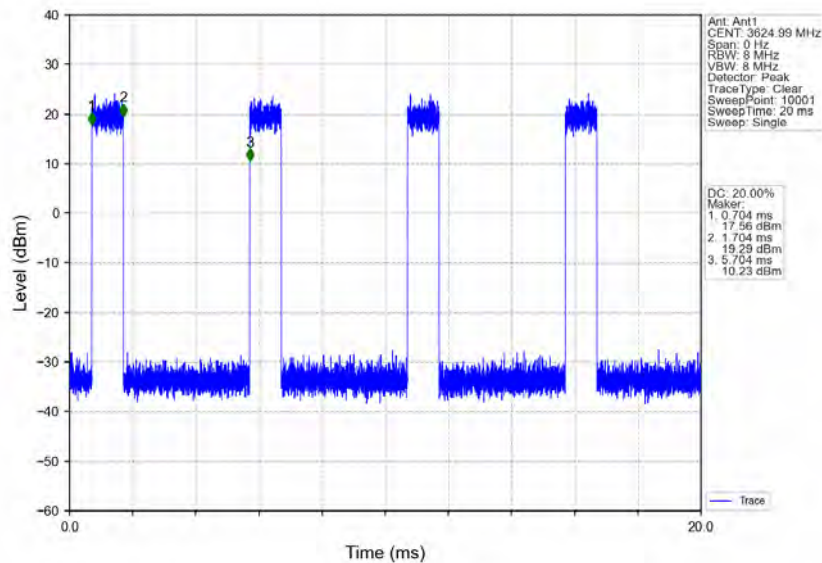
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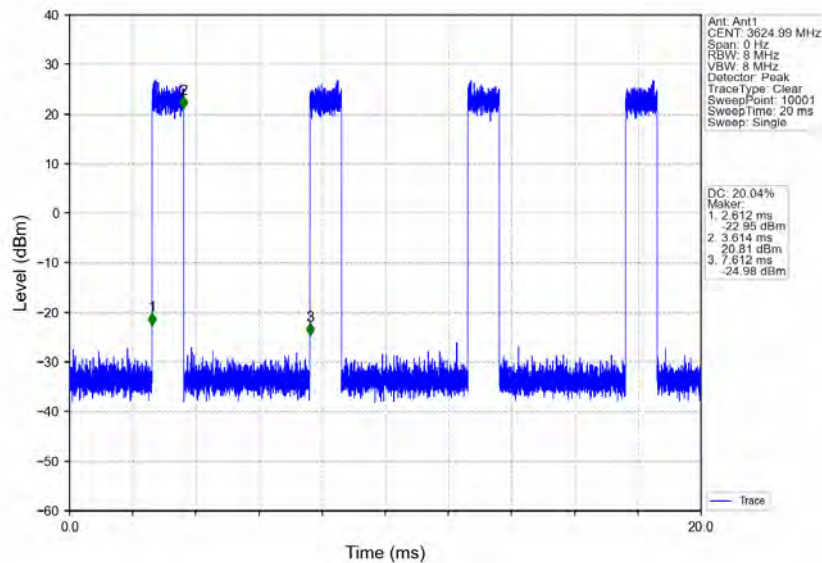
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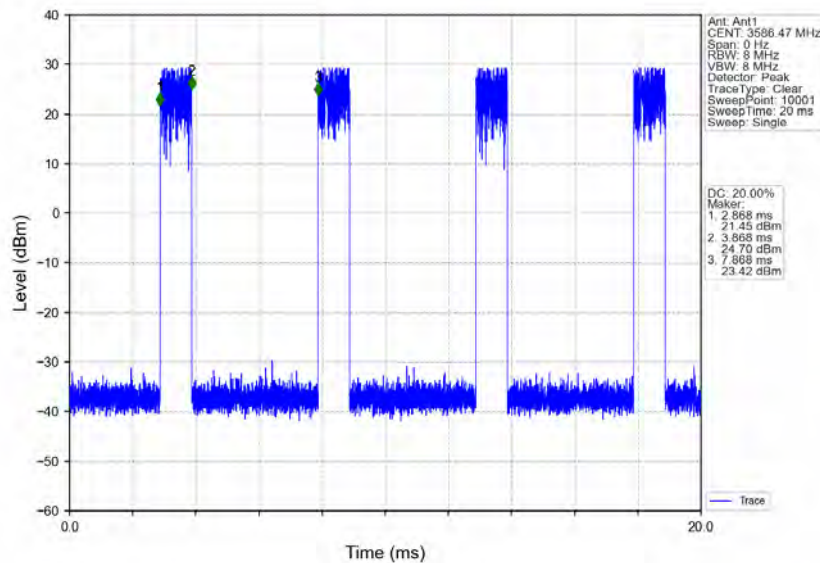
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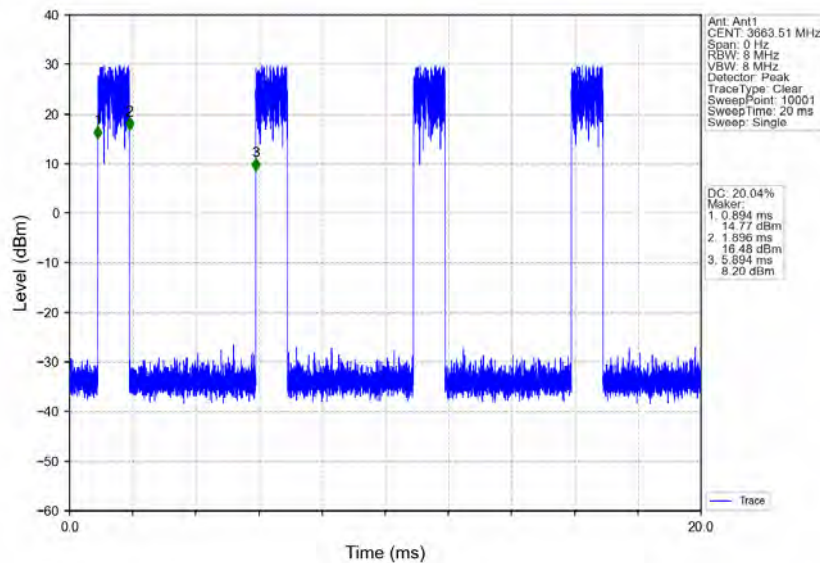
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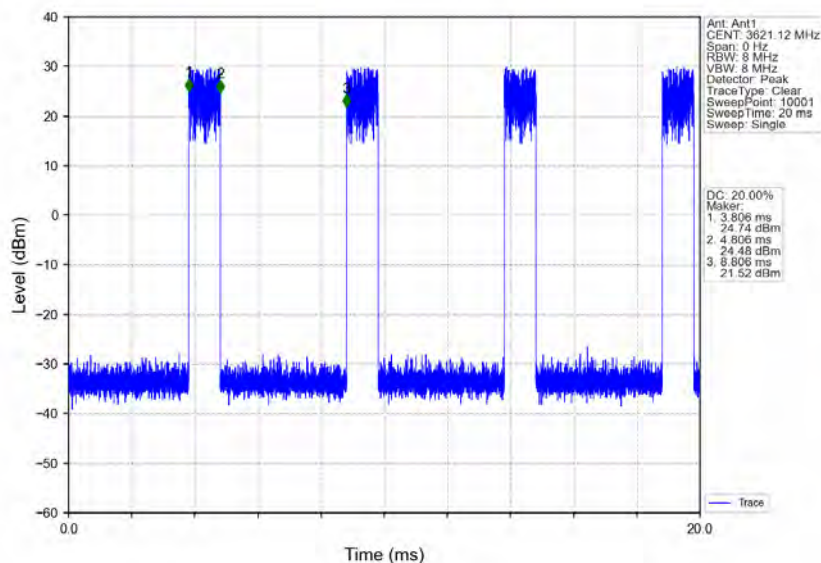
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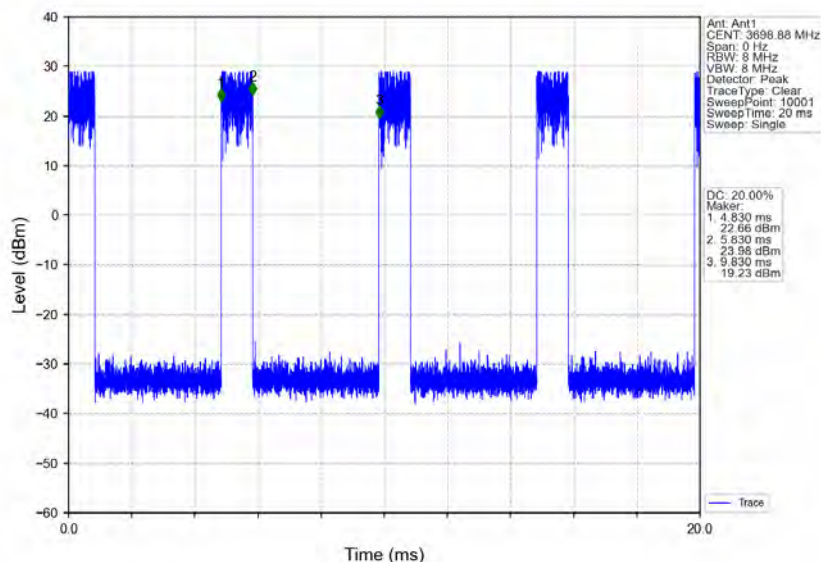
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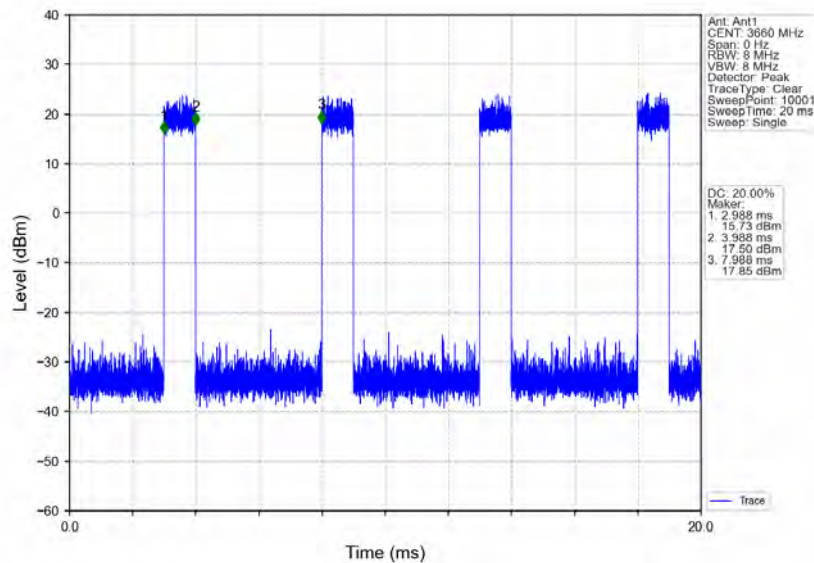
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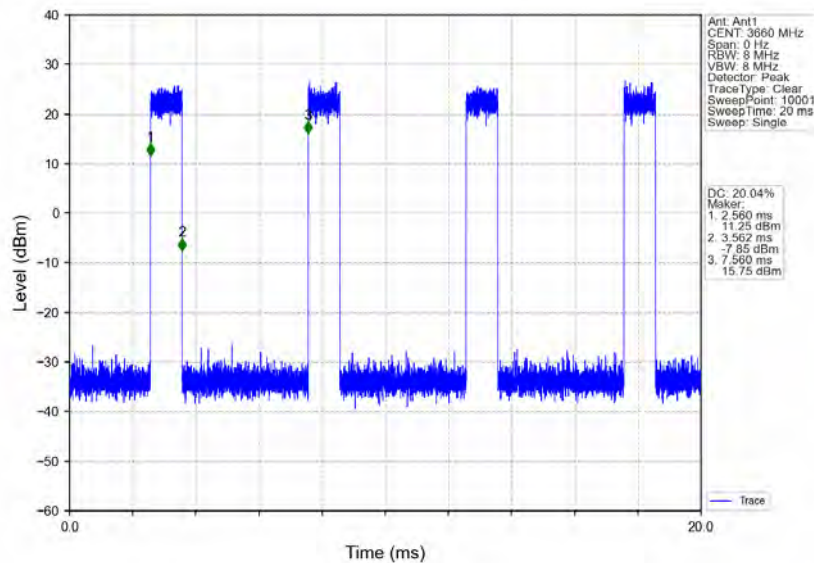
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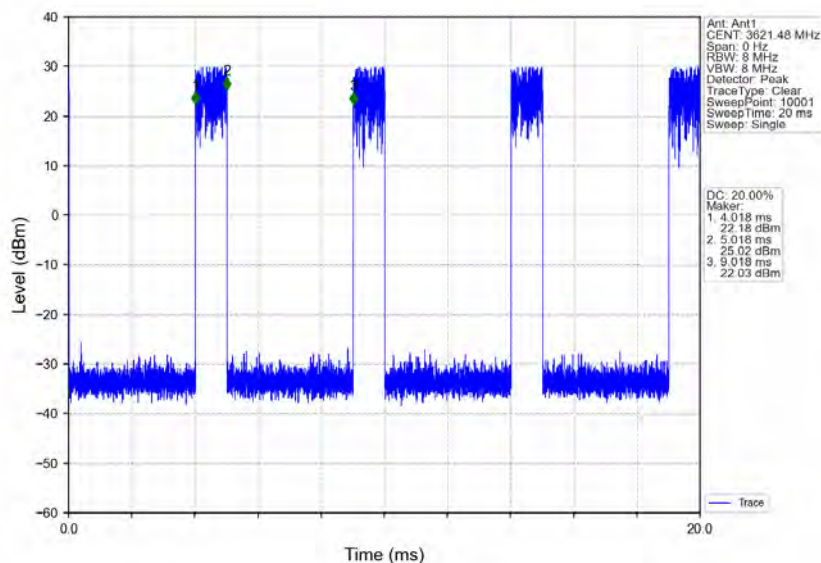
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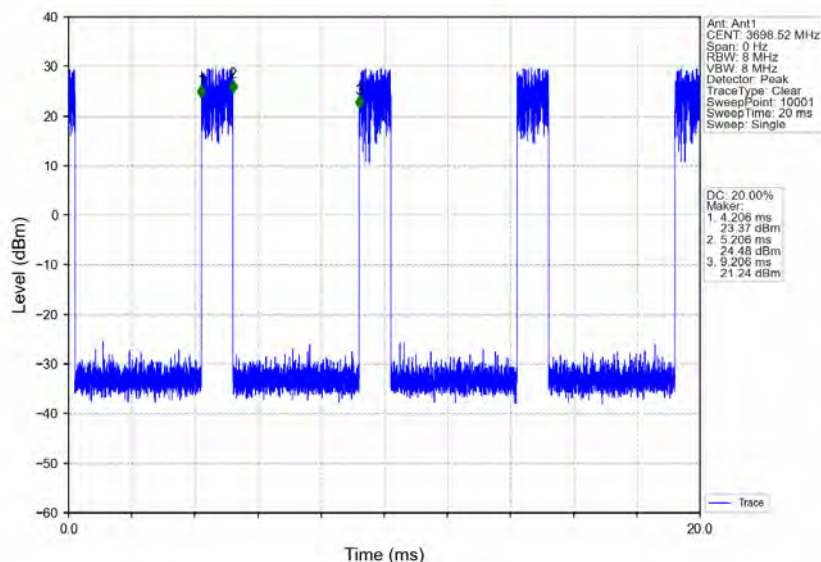
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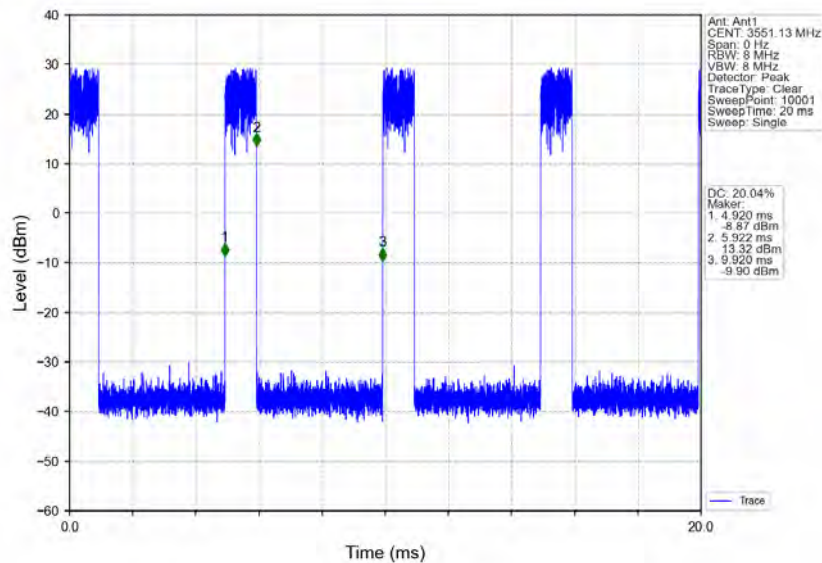
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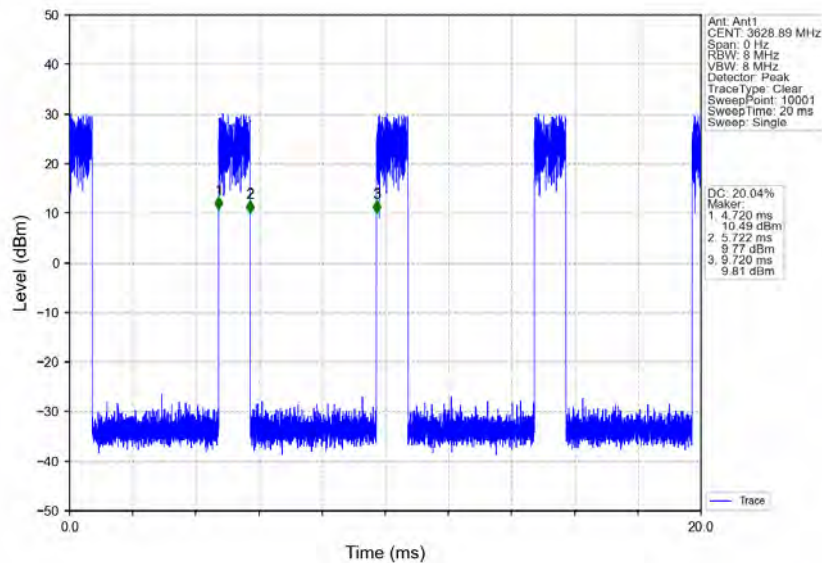
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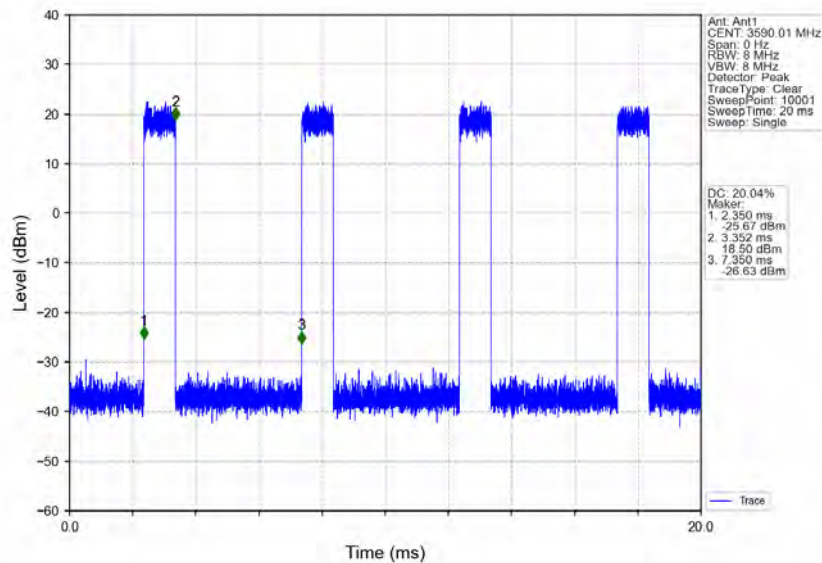
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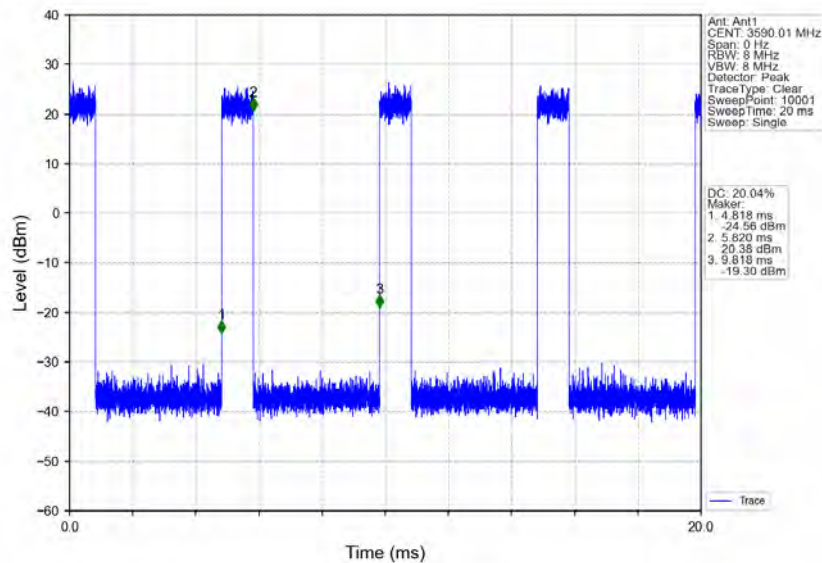
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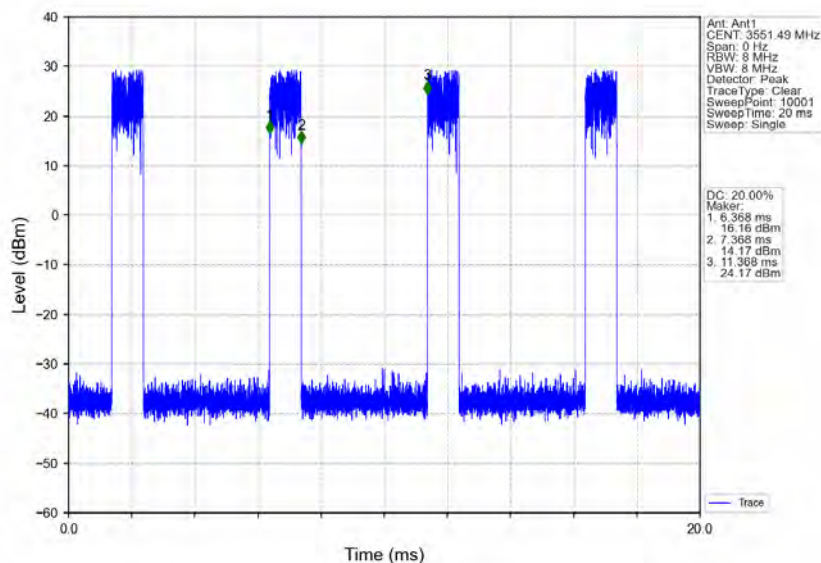
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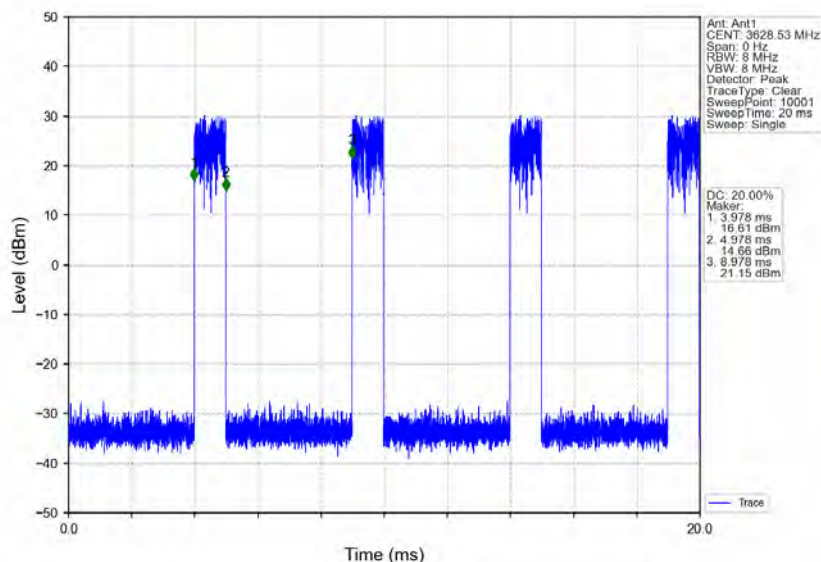
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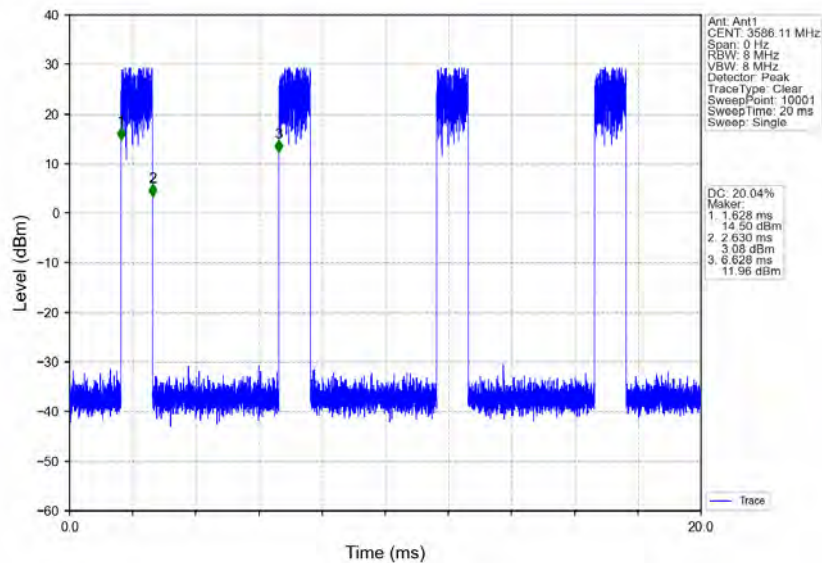
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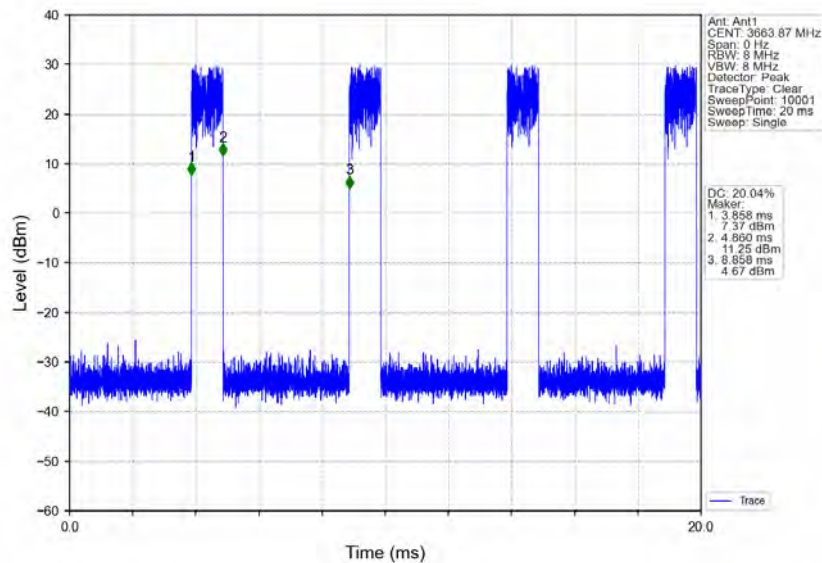
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n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM 64 QAM_3624.99MHz_Edge_1RB_Left



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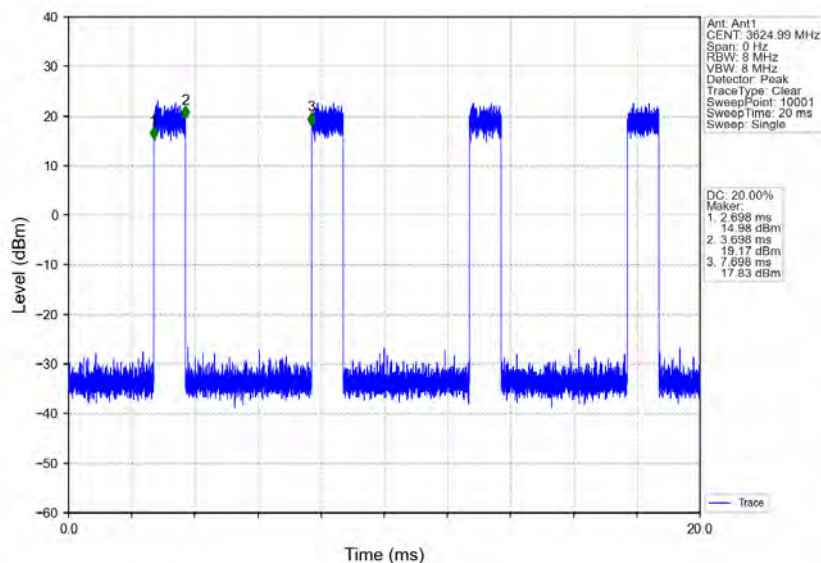
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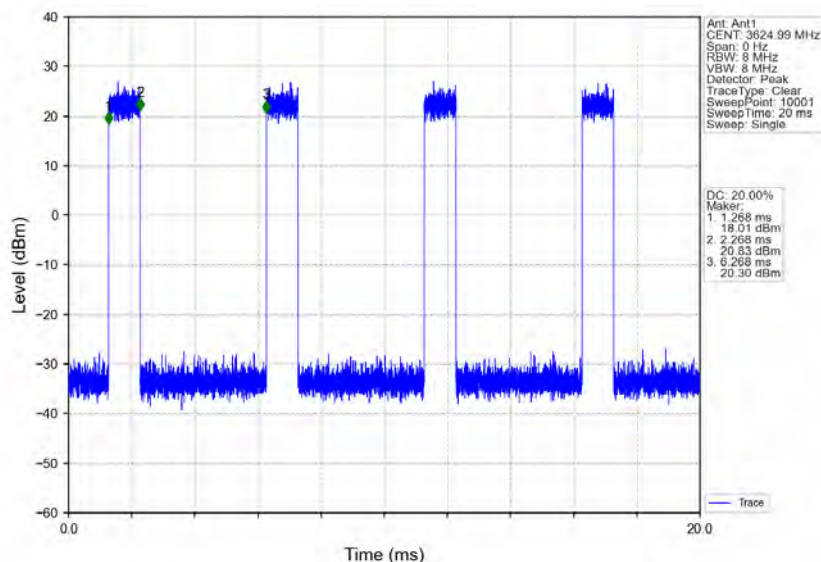
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n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_64_QAM_3624.99MHz_Outer_Full



n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_64_QAM_3624.99MHz_Inner_Full



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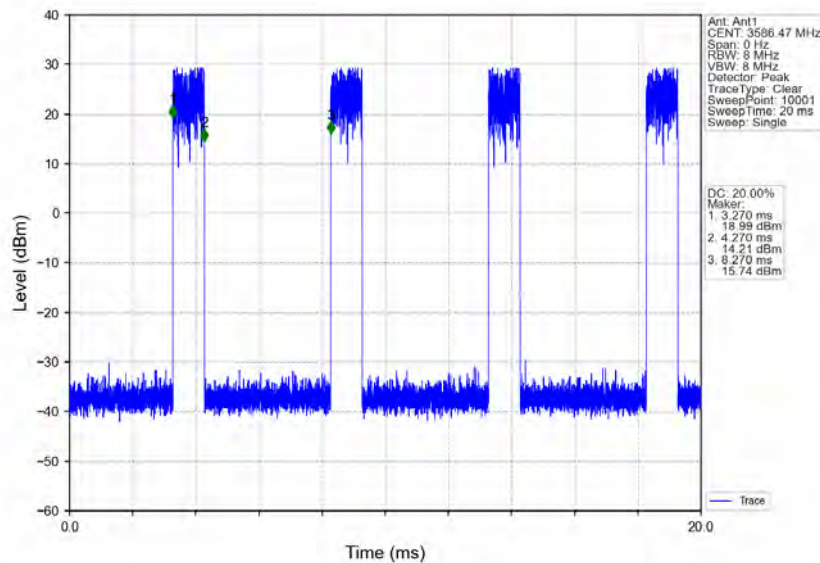
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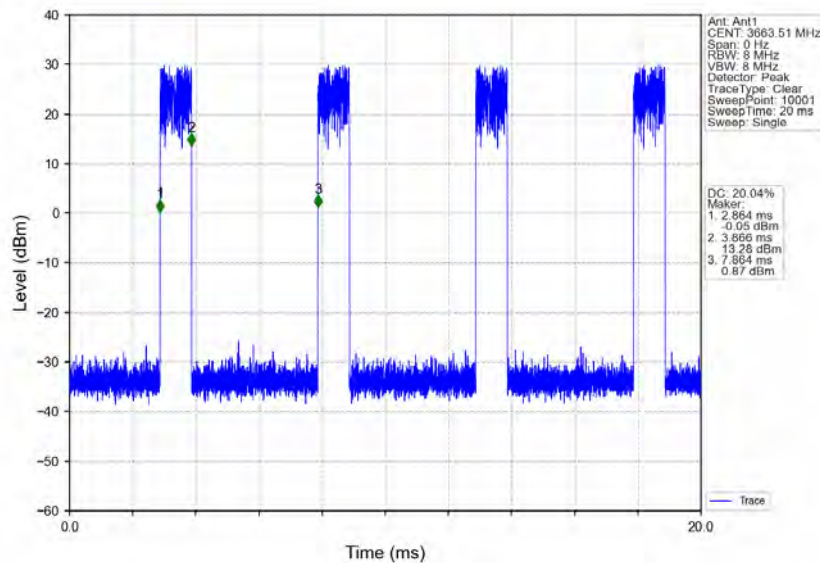
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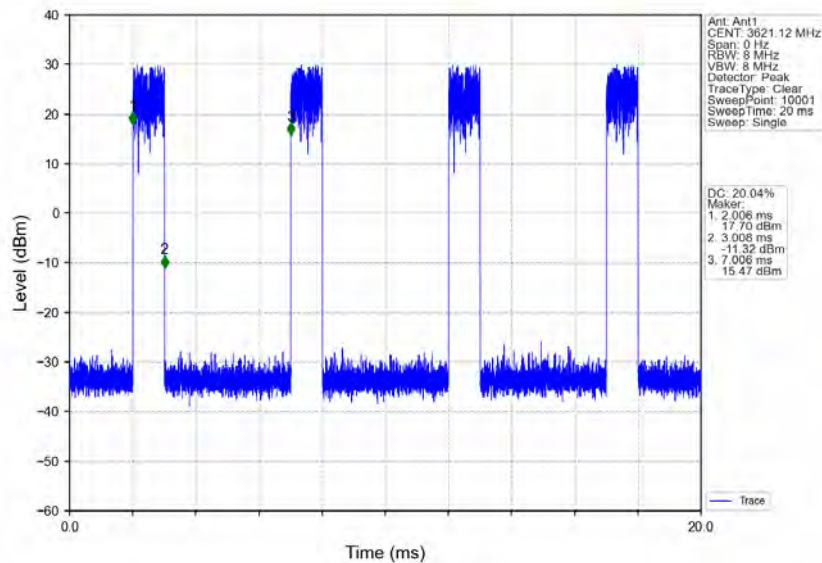
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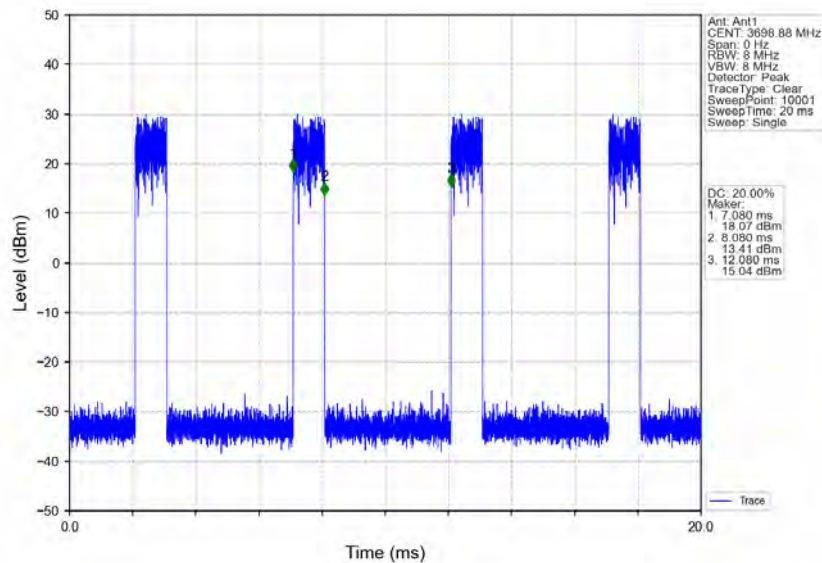
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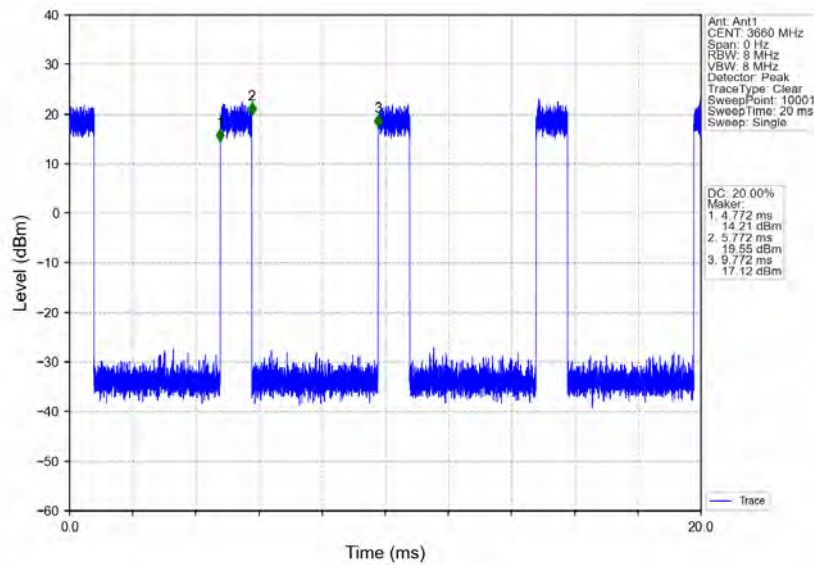
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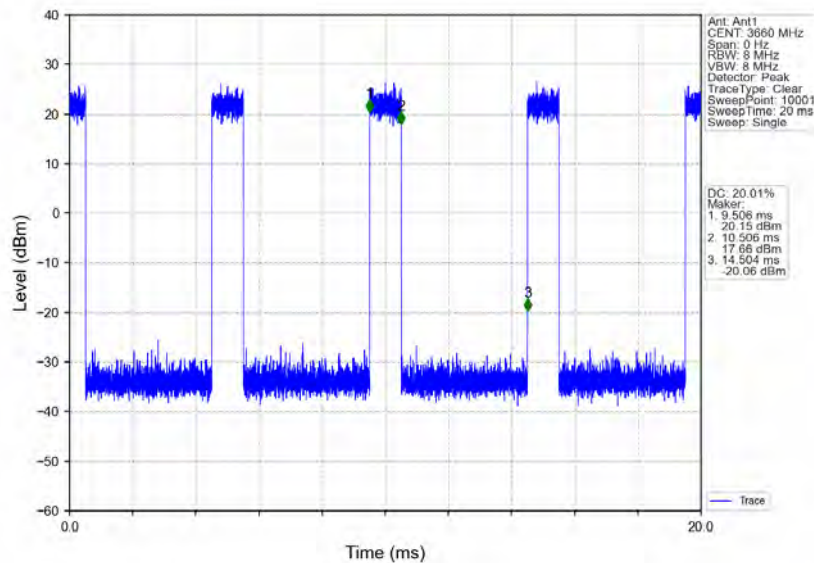
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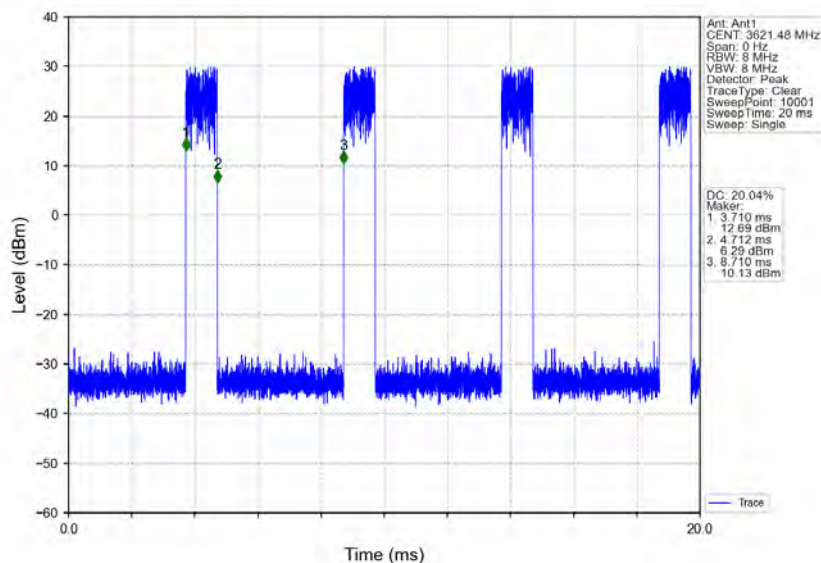
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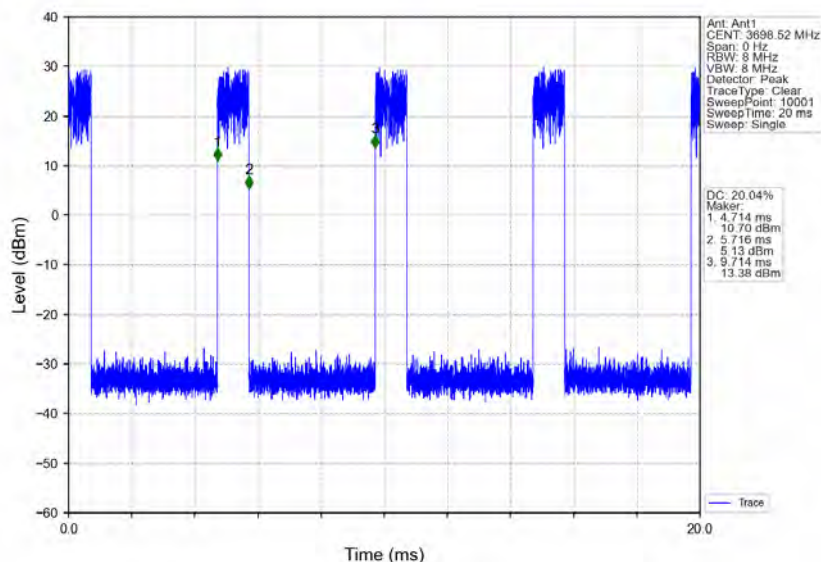
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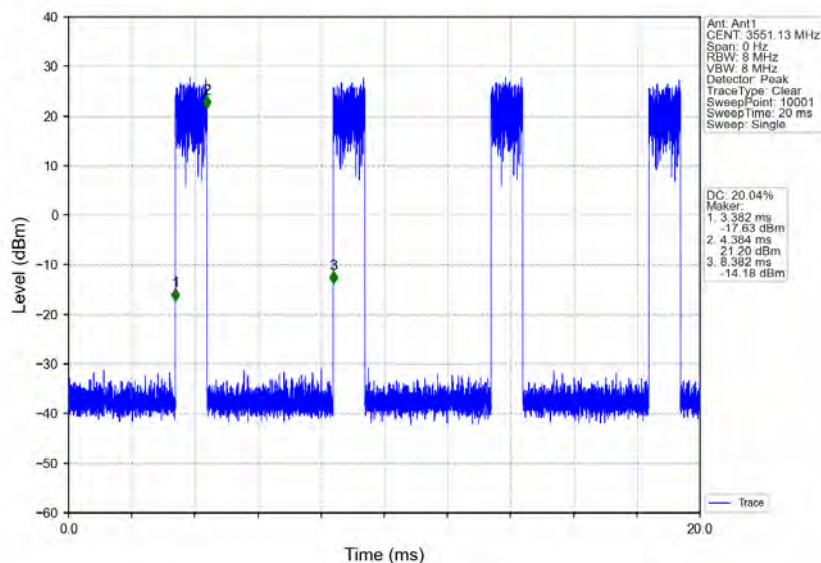
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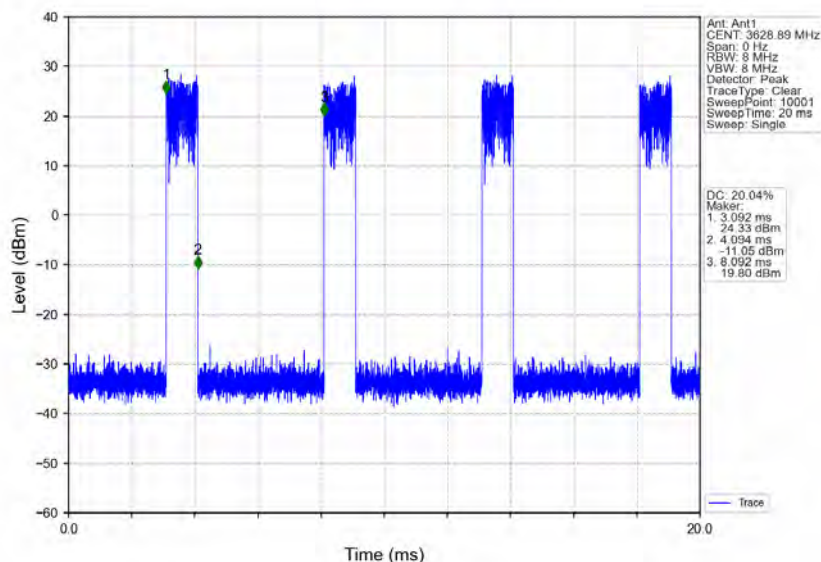
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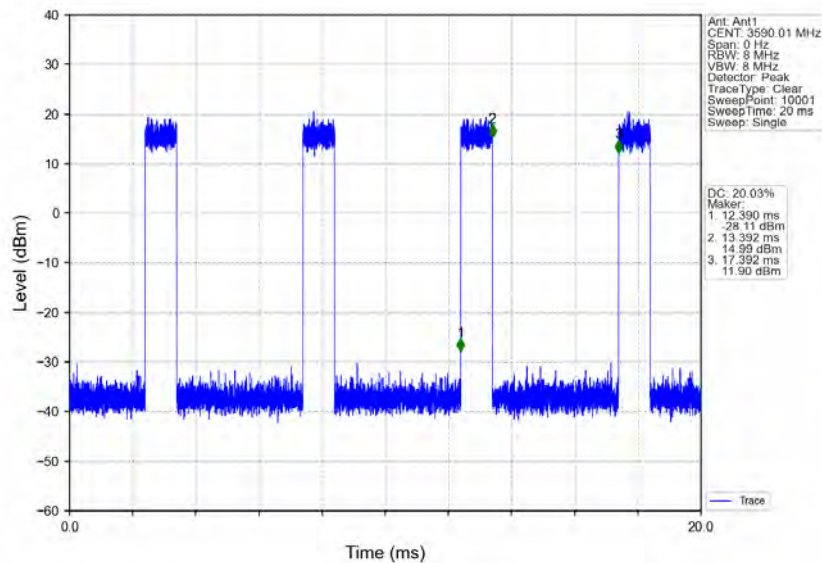
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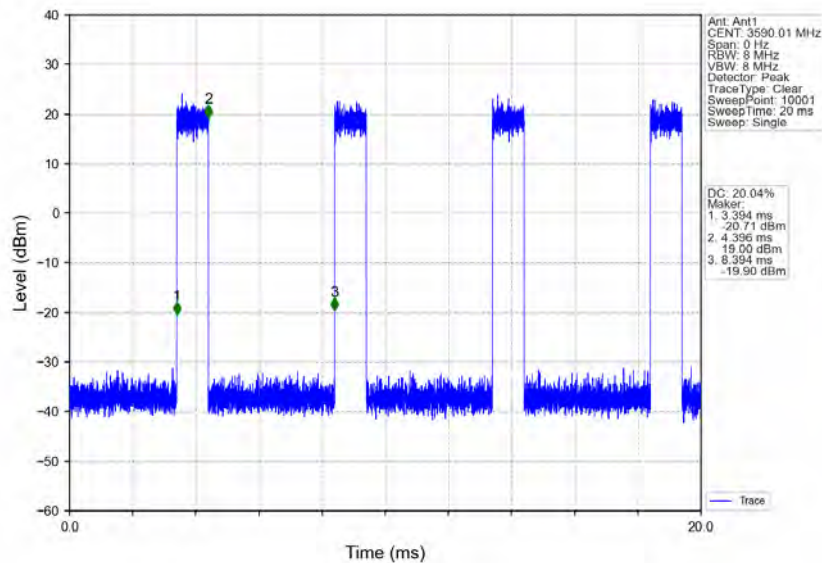
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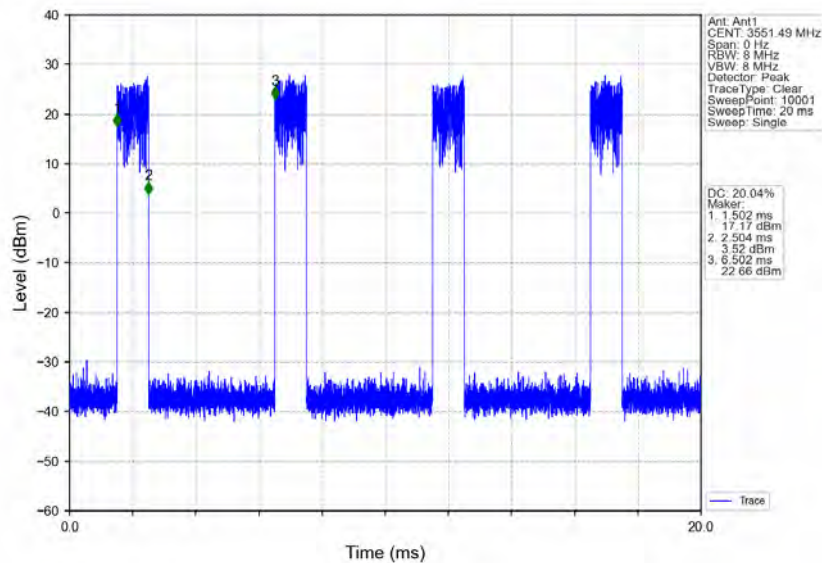
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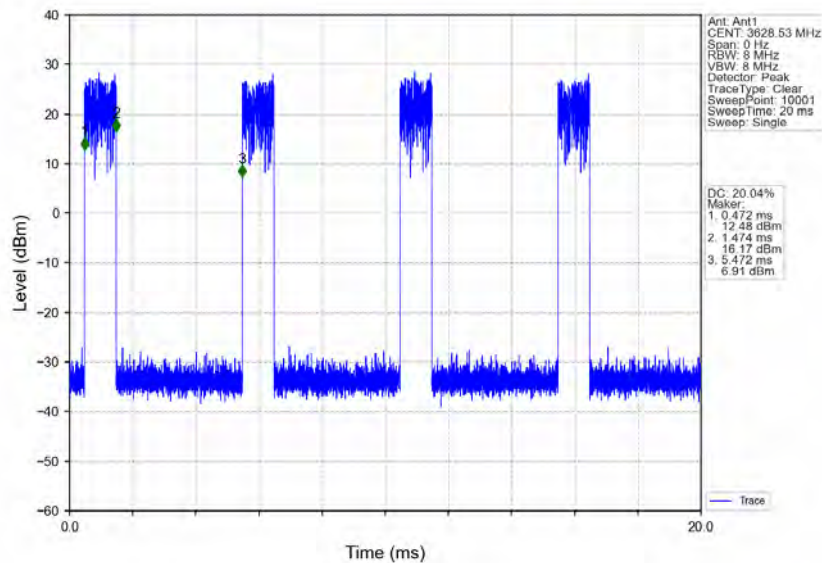
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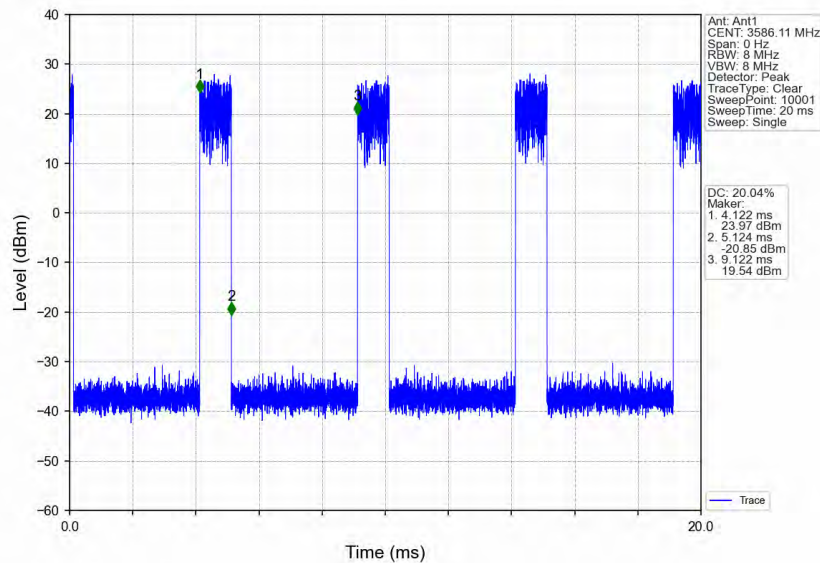
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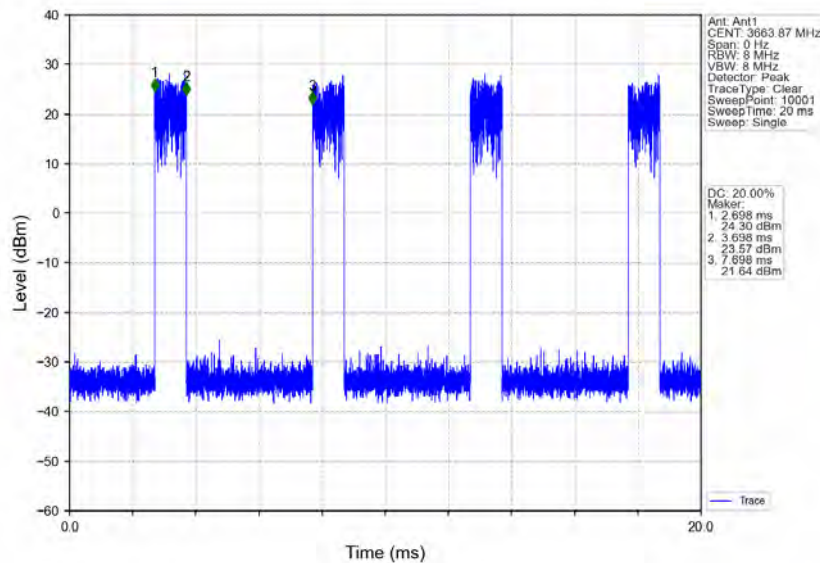
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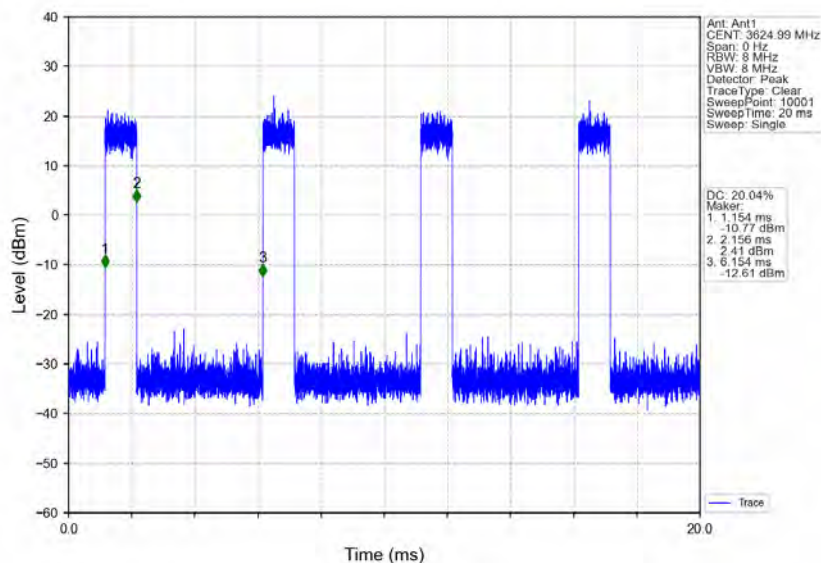
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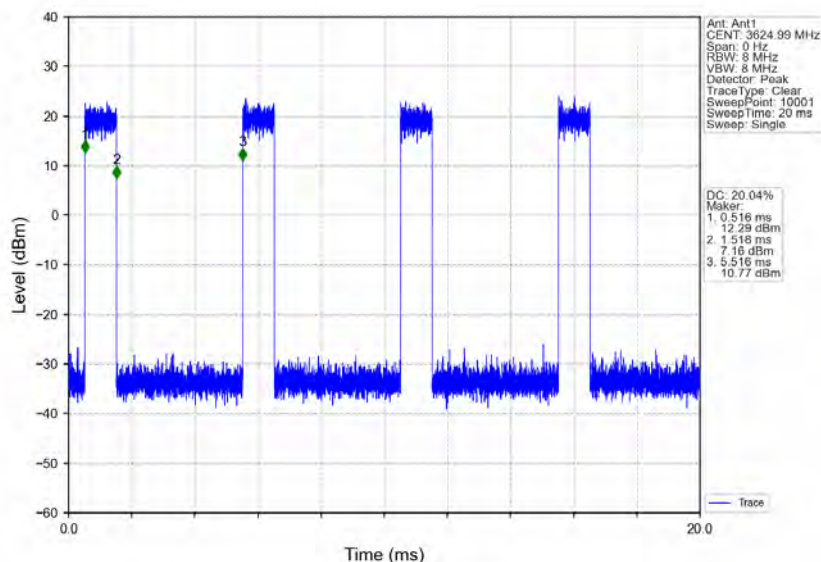
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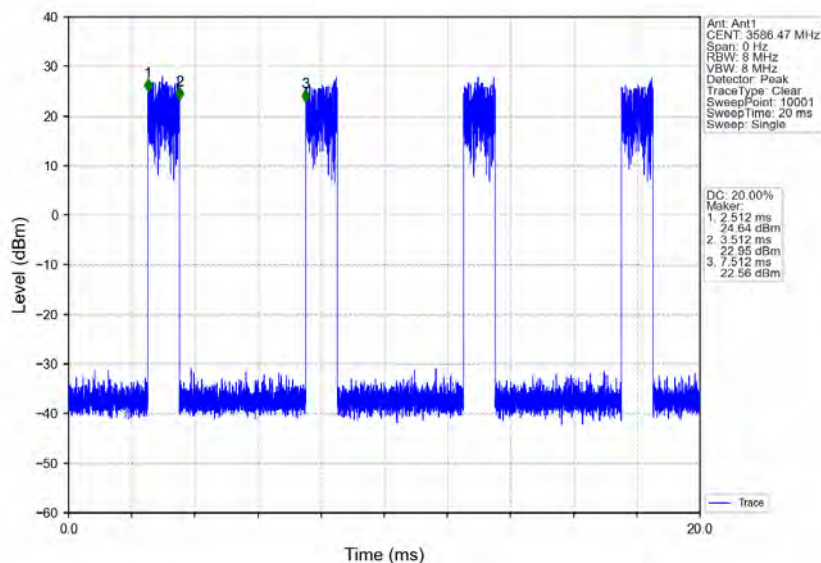
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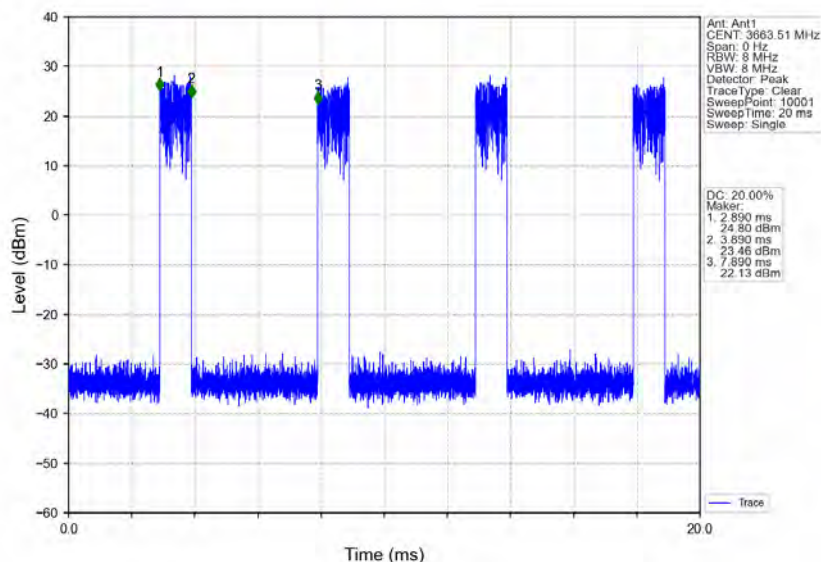
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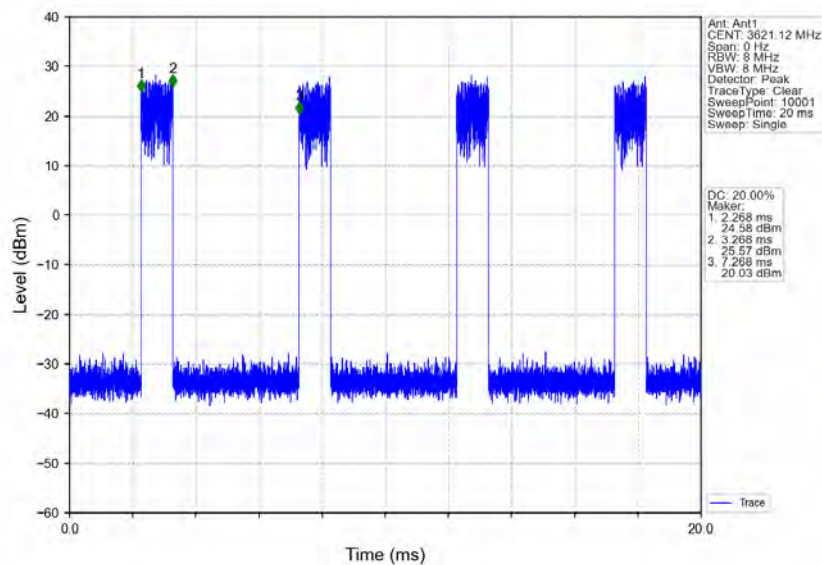
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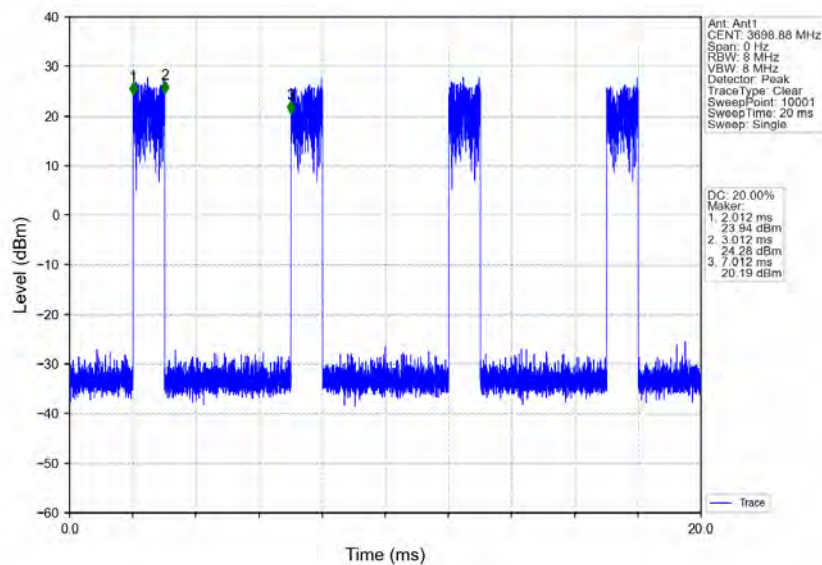
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n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_256_QAM_3660MHz_Edge_1RB_Left



n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_256_QAM_3660MHz_Edge_1RB_Right



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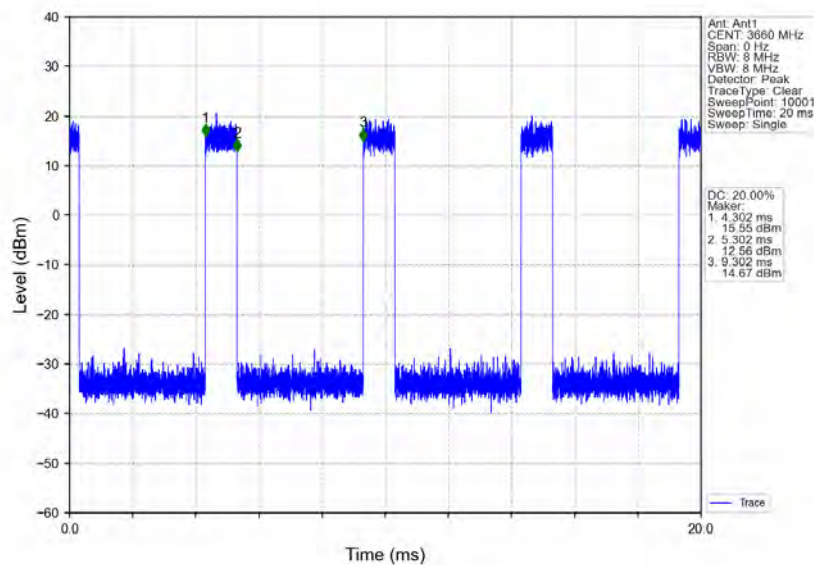
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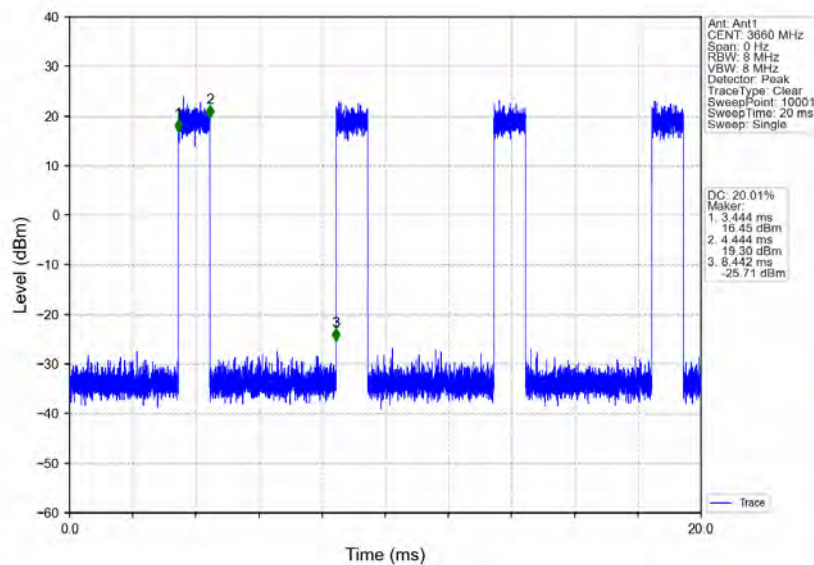
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n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_256_QAM_3660MHz_Outer_Full



n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_256_QAM_3660MHz_Inner_Full



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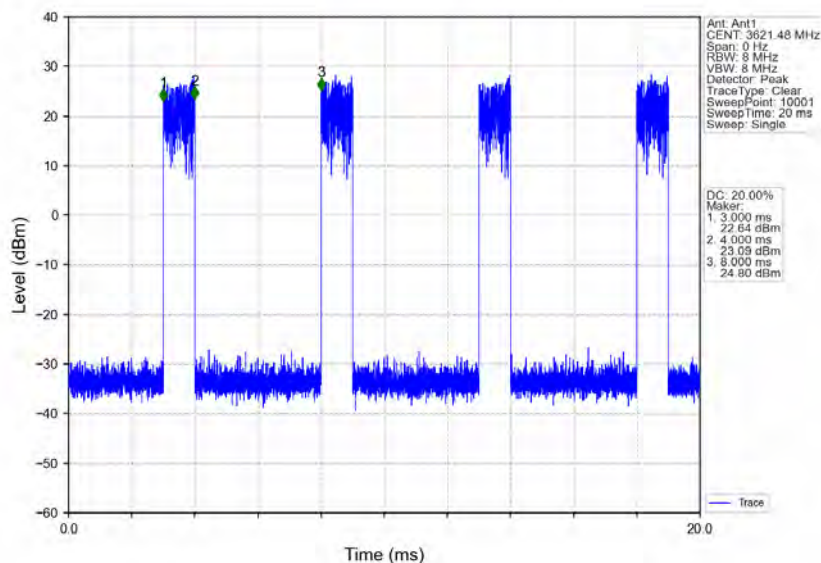
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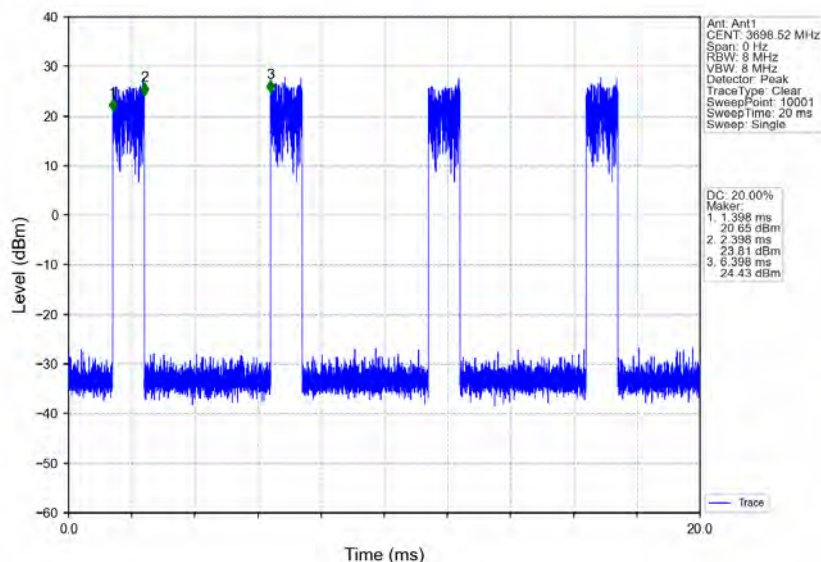
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n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_256_QAM_3660MHz_Inner_1RB_Left



n78d_30kHz_MIMO_NTNV_80MHz_CP-OFDM_256_QAM_3660MHz_Inner_1RB_Right



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1.10 30k_MIMO_90MHz_NTNV

1.10.1 Test Result

5G NR n78d SCS=30kHz MIMO 90MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
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	1.000	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	1.000	4.998	20.01	6.99	0.03
		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	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.000	4.998	20.01	6.99	0.03
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
CP-OFDM 16 QAM	3595.02	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		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	1.000	5.000	20.00	6.99	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	0.04
	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	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
CP-OFDM 64 QAM	3595.02	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.002	5.000	20.04	6.98	0.00
	3624.99	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

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CP-OFDM 256 QAM		Outer_Full	1.000	5.000	20.00	6.99	0.00
		Inner_Full	1.000	4.998	20.01	6.99	0.03
		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	1.000	5.000	20.00	6.99	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
	3595.02	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.04
		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	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	1.002	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



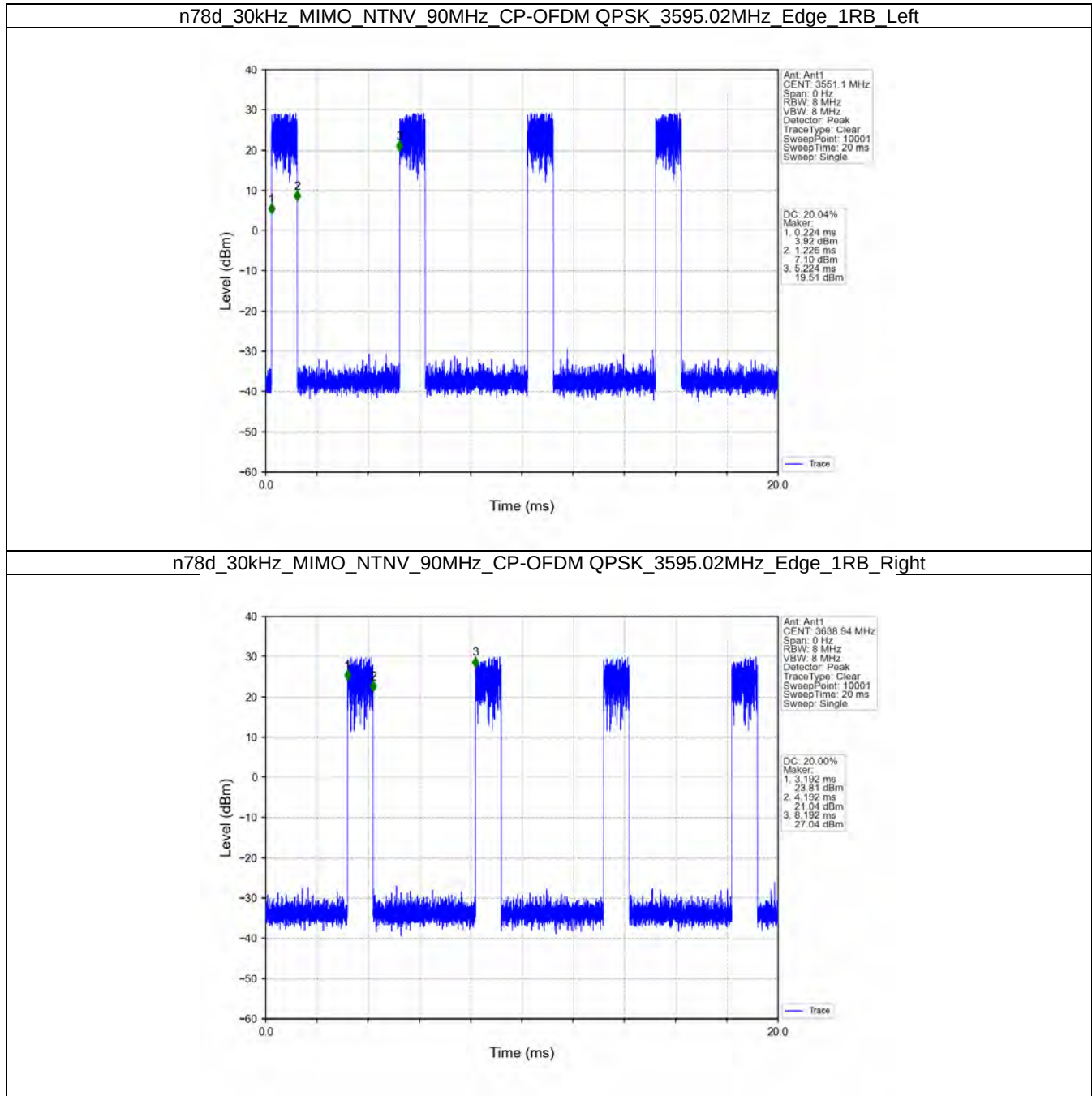
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1.10.2 Test Graph



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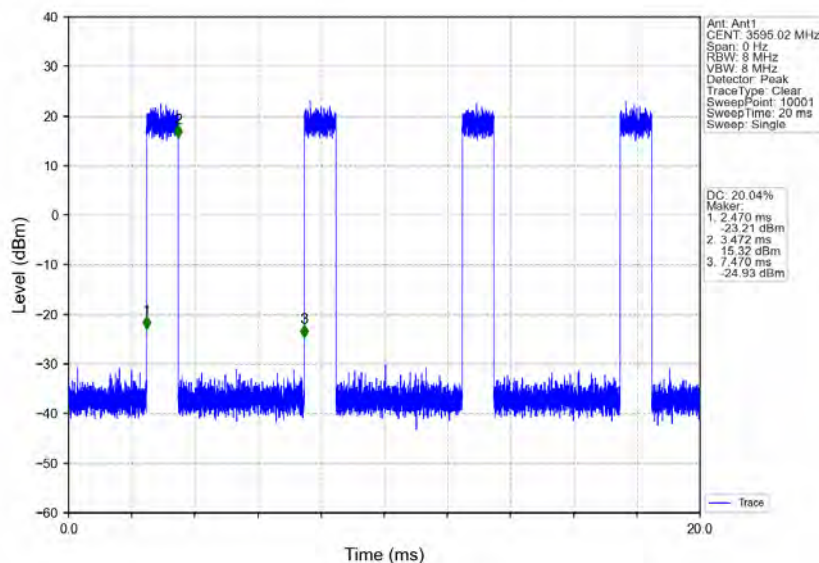
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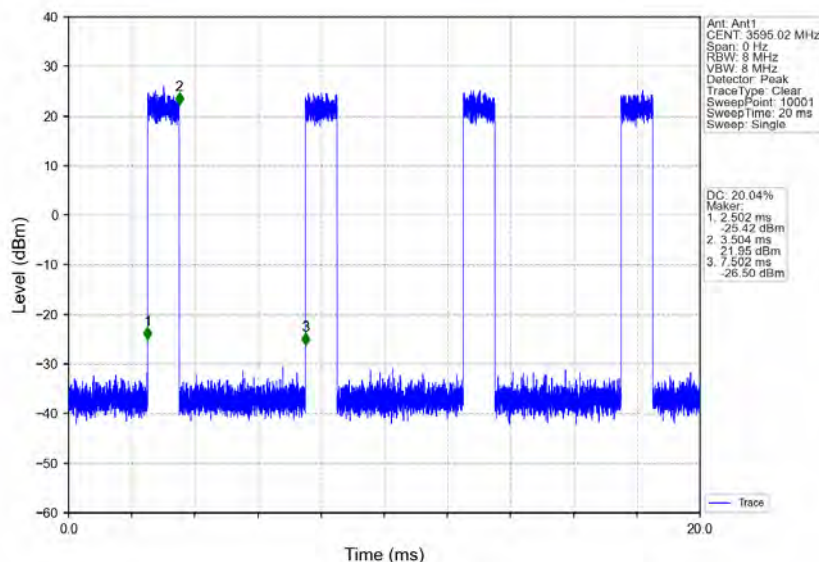
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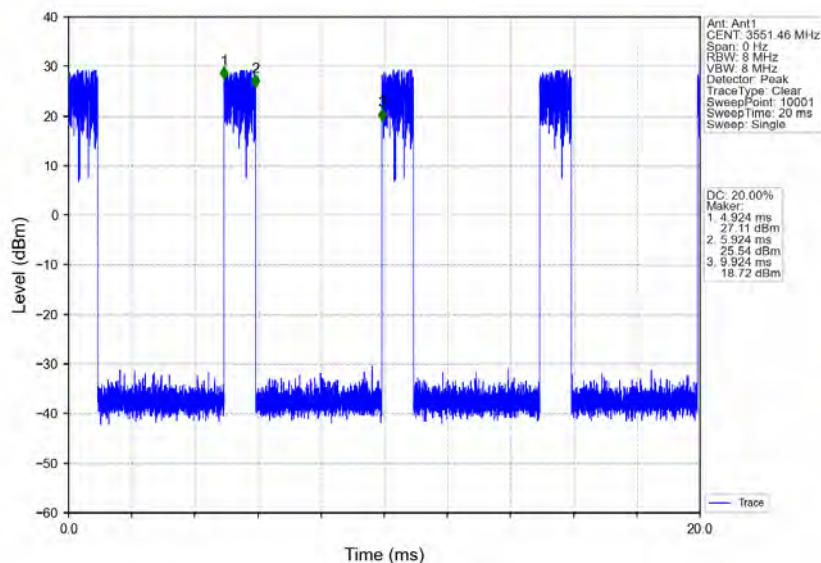
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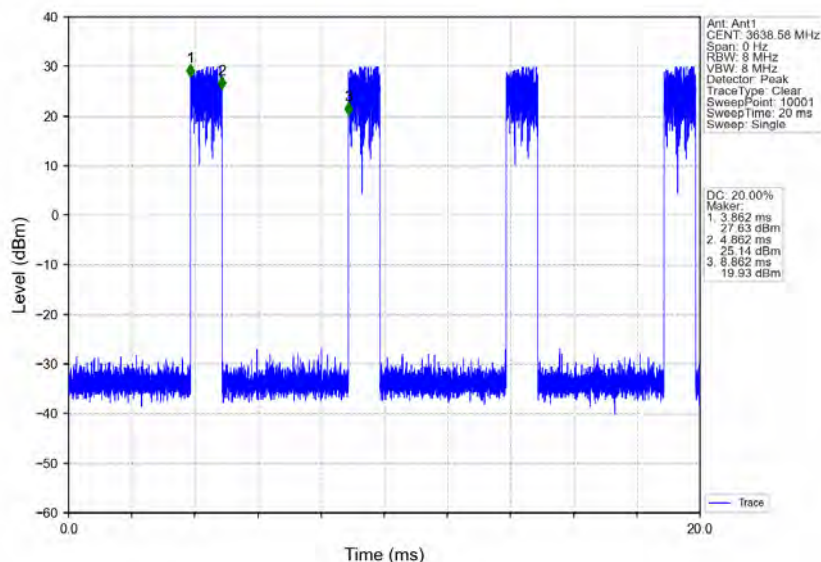
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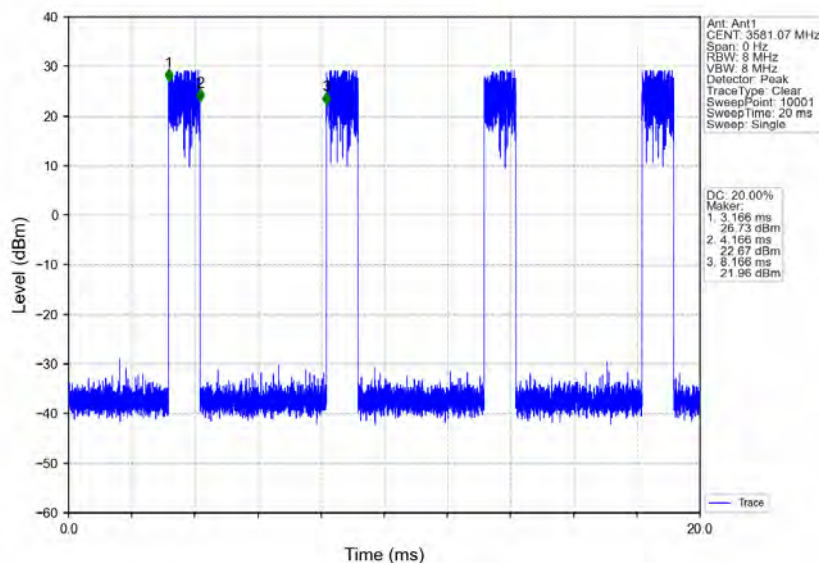
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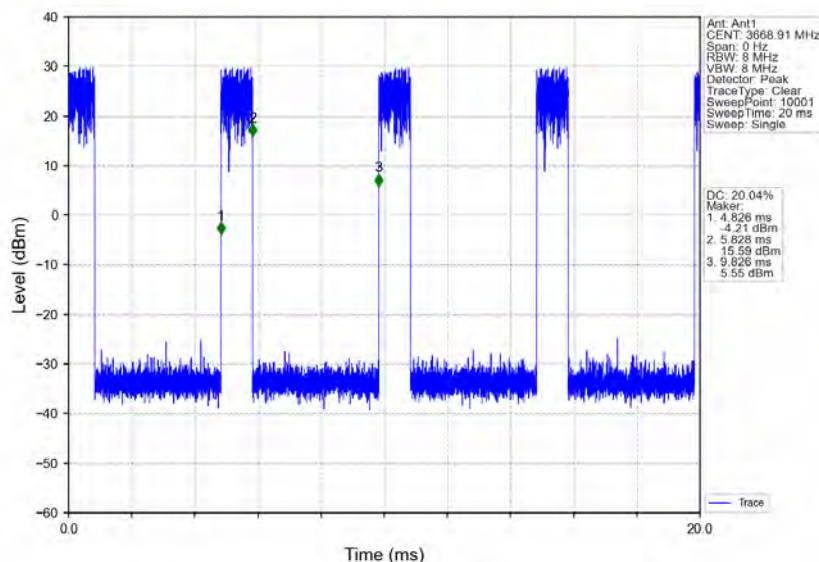
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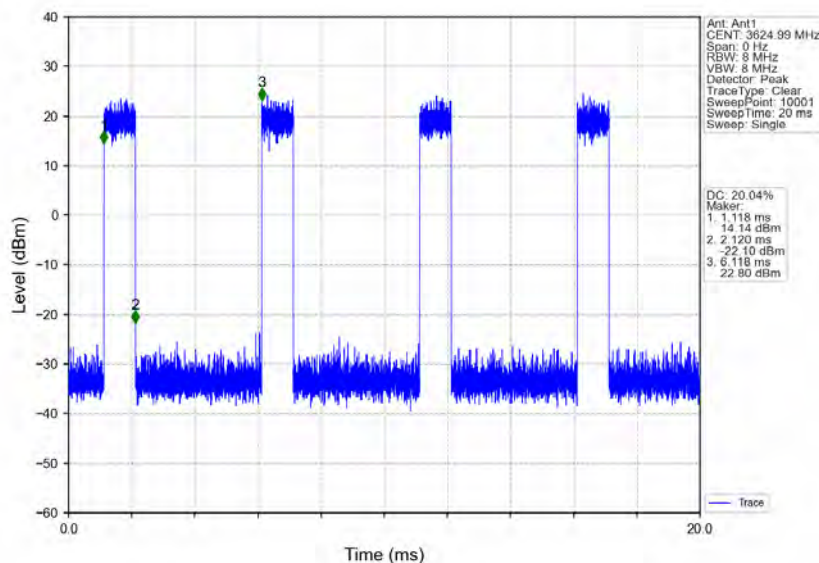
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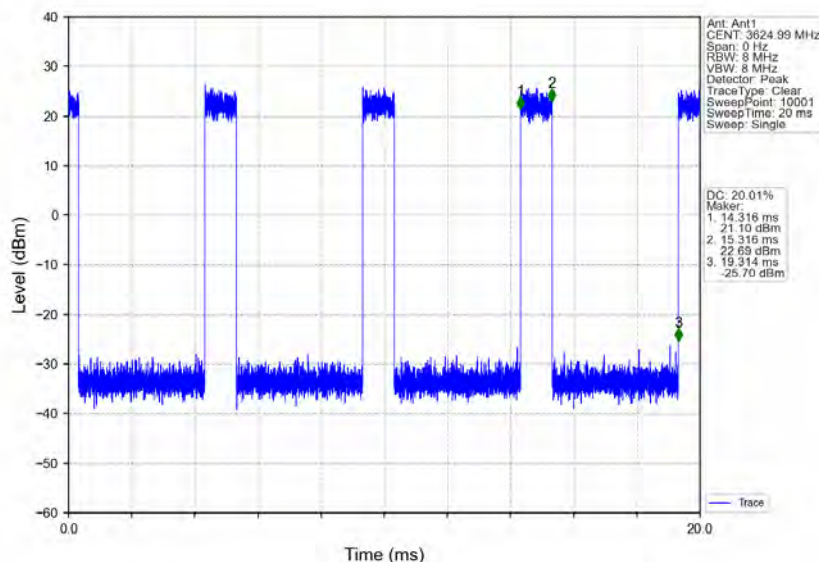
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n78d_30kHz_MIMO_NTNV_90MHz_CP-OFDM_QPSK_3624.99MHz_Outer_Full



n78d_30kHz_MIMO_NTNV_90MHz_CP-OFDM_QPSK_3624.99MHz_Inner_Full



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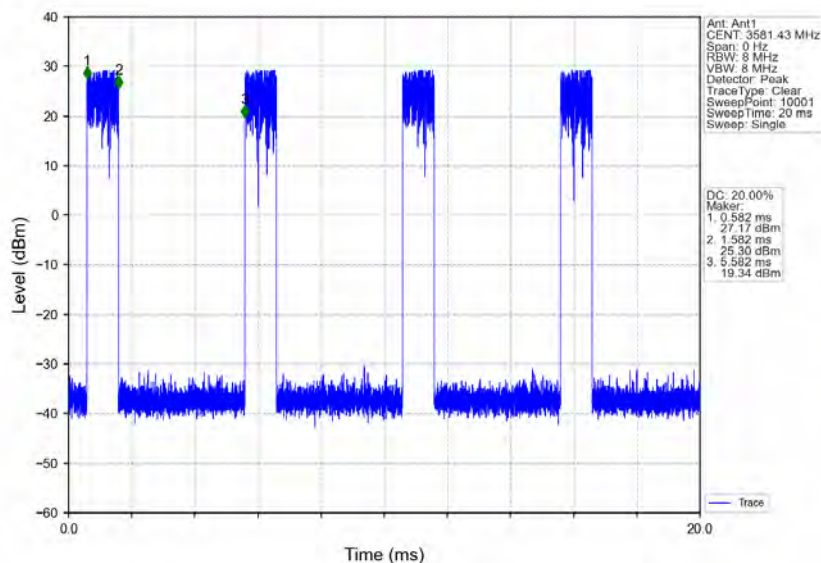
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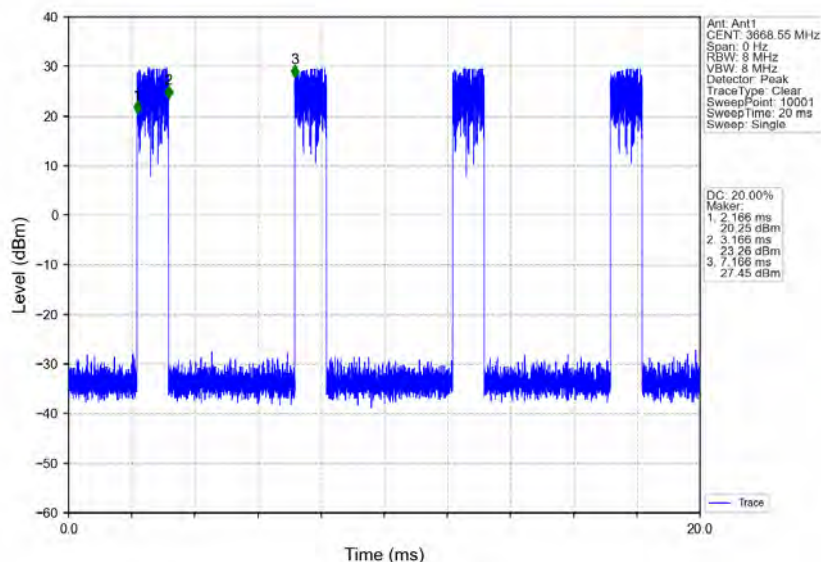
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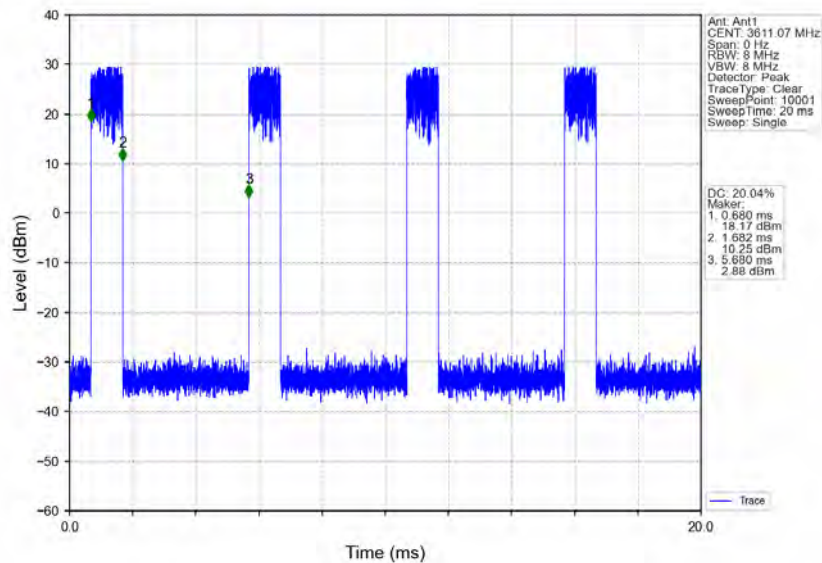
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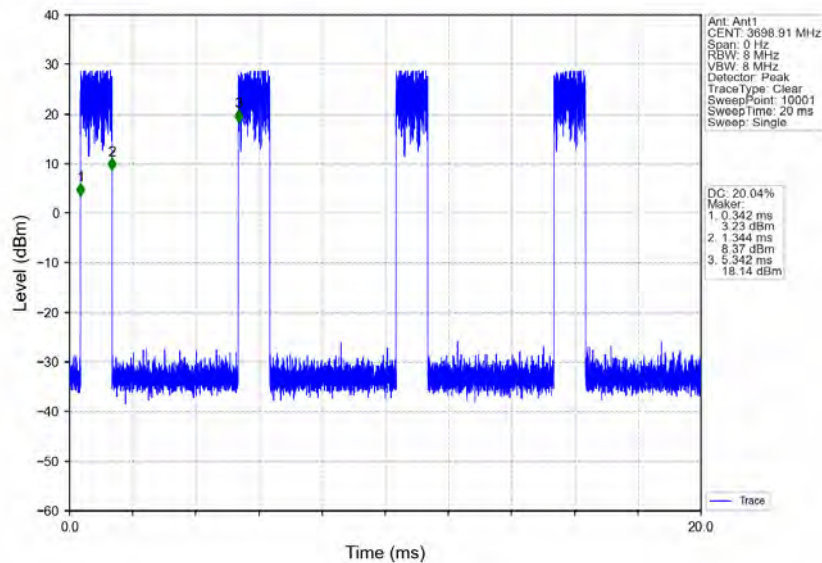
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n78d_30kHz_MIMO_NTNV_90MHz_CP-OFDM_QPSK_3654.99MHz_Edge_1RB_Left



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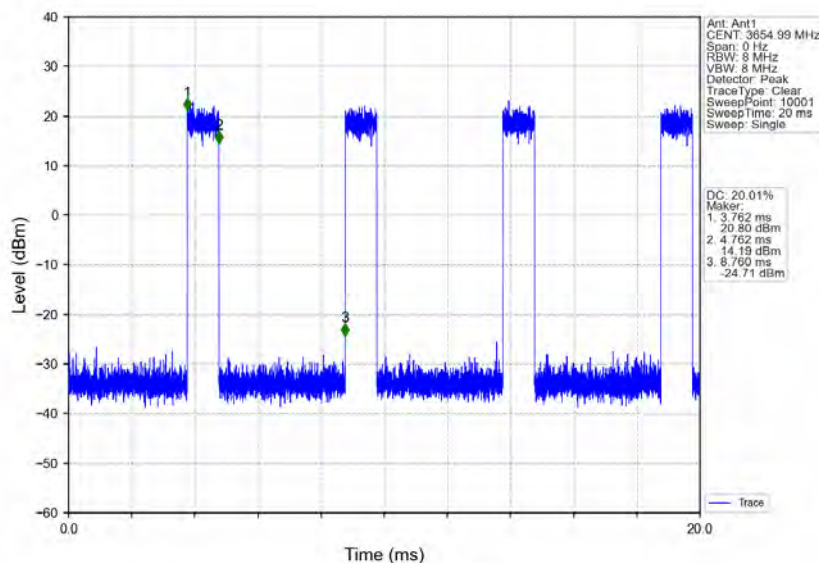
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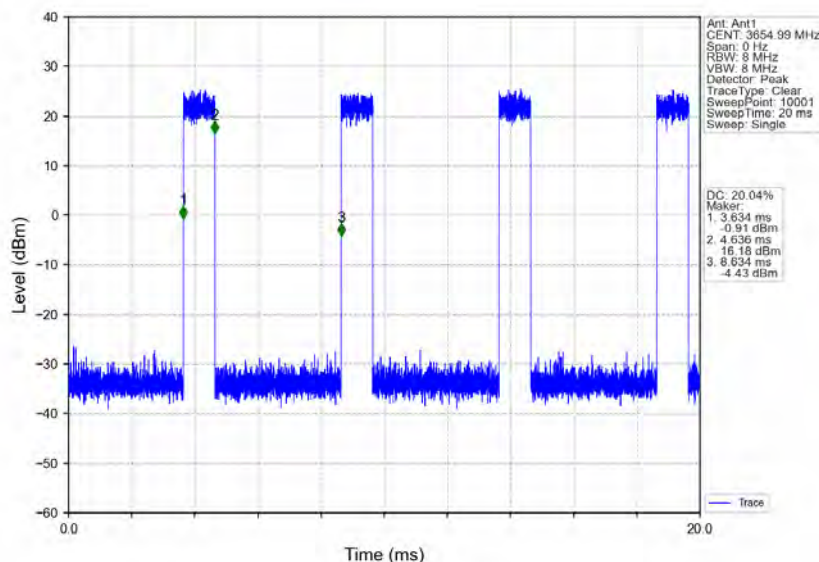
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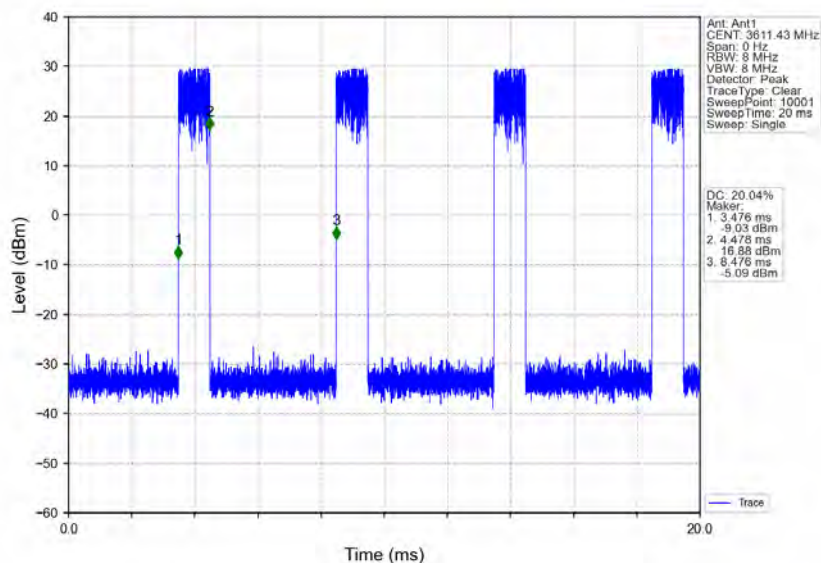
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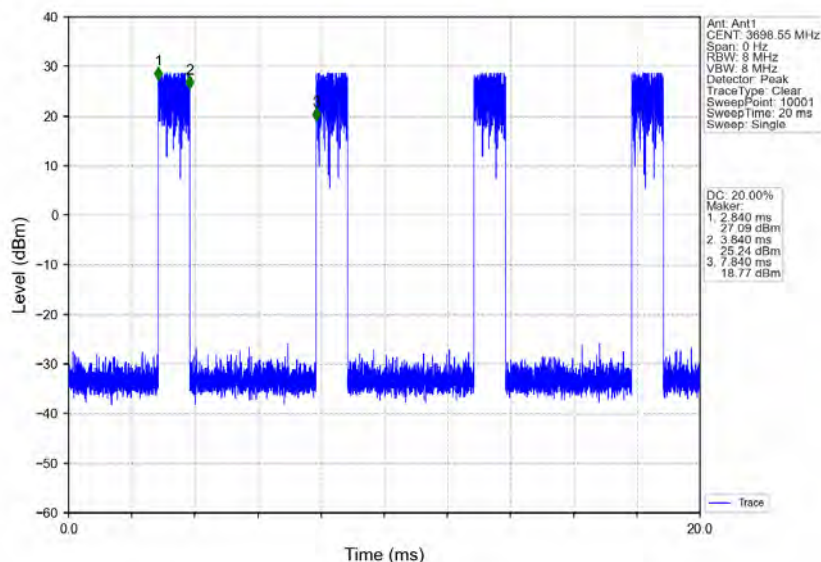
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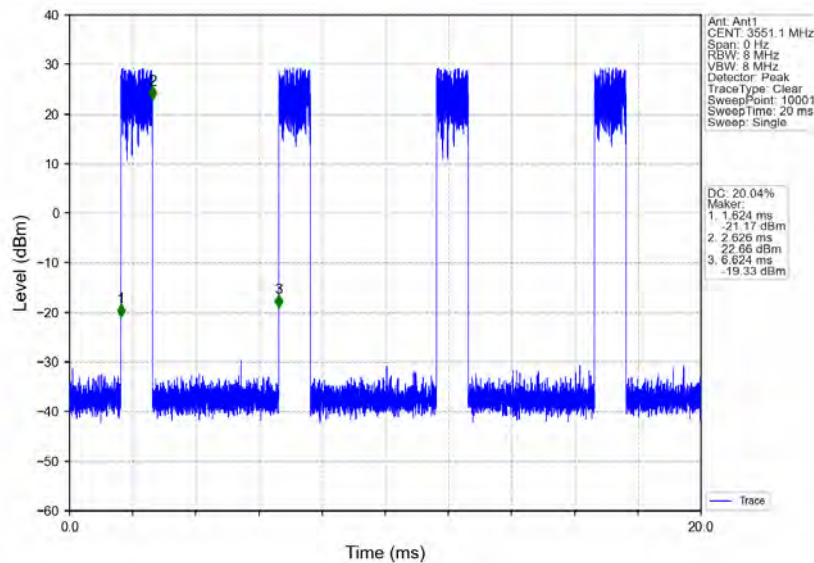
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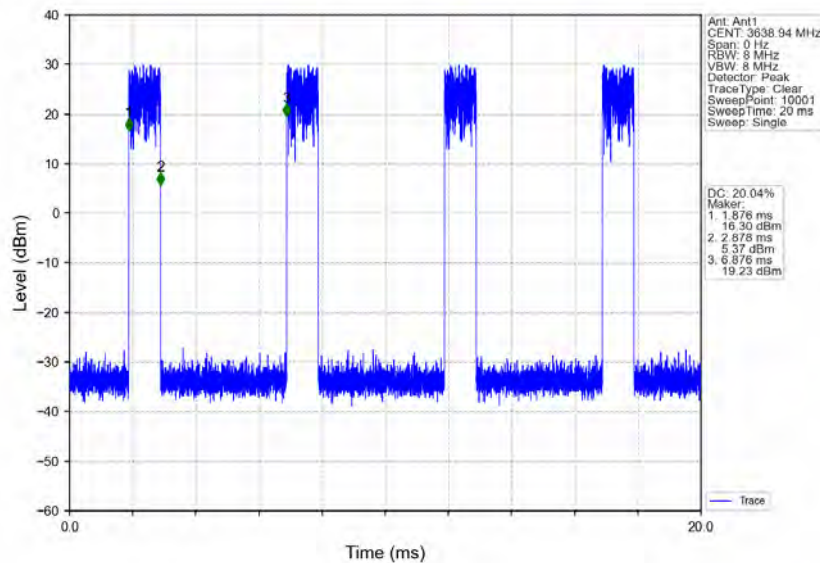
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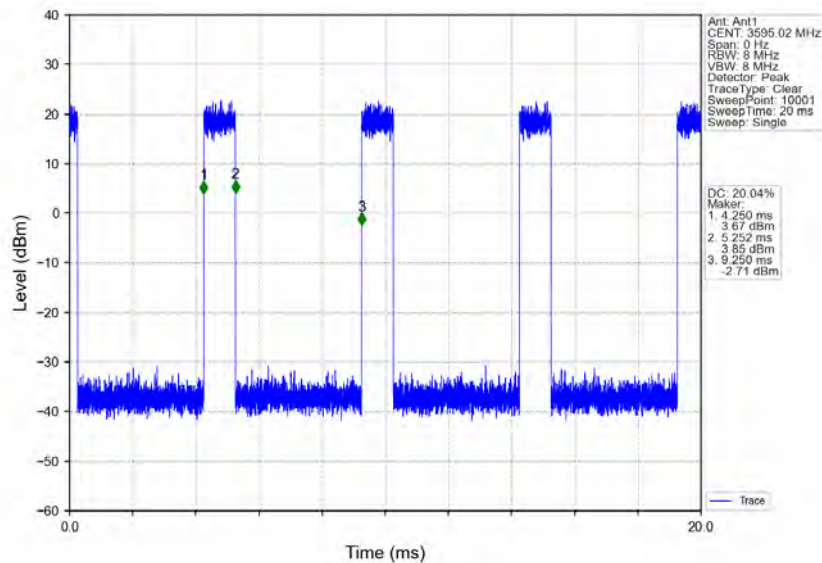
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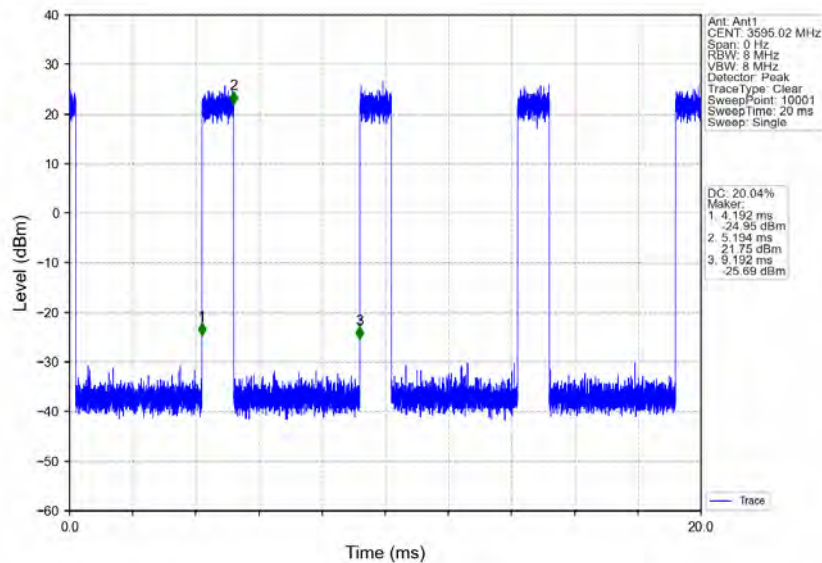
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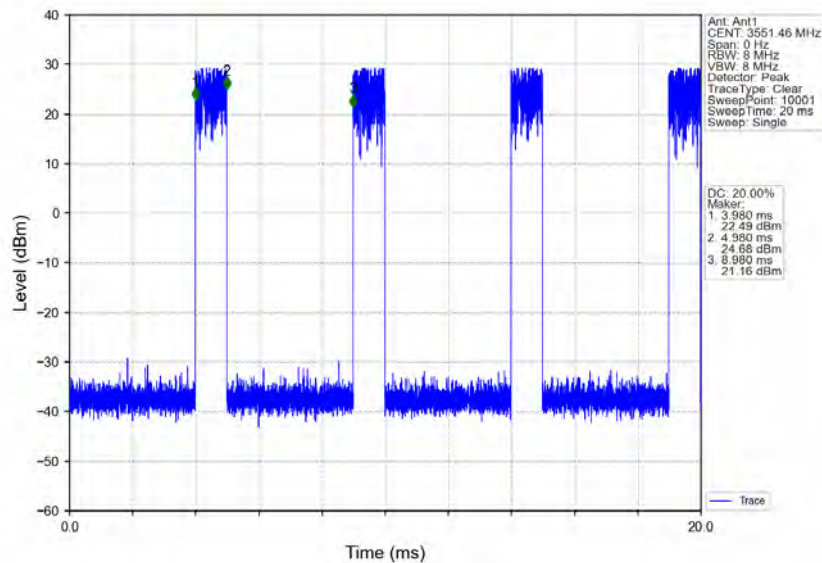
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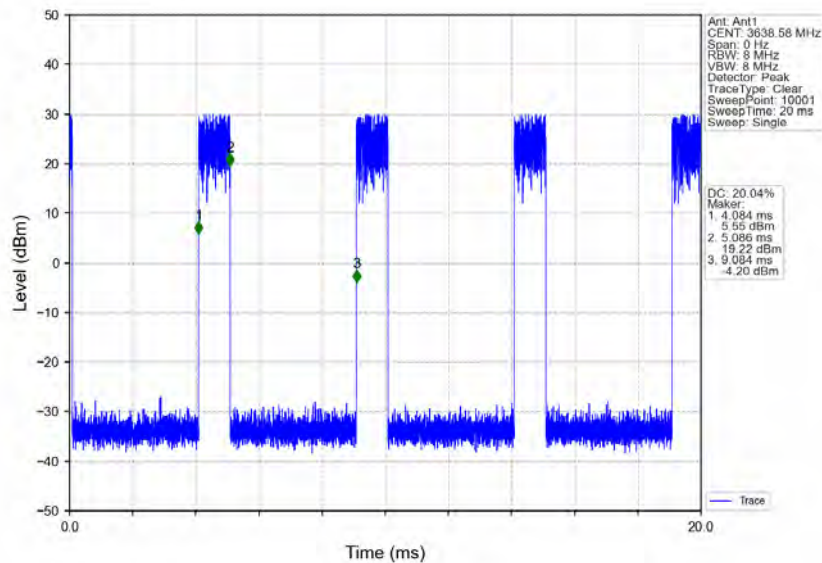
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