

Appendix for KSCR2210001952AT-FCC-NR48

1. Duty Cycle

1.1 30k_MIMO_10MHz_NTNV

1.1.1 Test Result

5G NR n48 SCS=30kHz MIMO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	T _{on} (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
CP-OFDM QPSK	3555	Edge 1RB Left	1.002	5.000	20.04	6.98	0.03
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.03
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.002	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	4.998	20.01	6.99	0.03
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Right	1.002	5.000	20.04	6.98	0.00
	3694.98	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	4.998	20.01	6.99	0.07
		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	3555	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	5.002	20.03	6.98	0.01
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.05
	3624.99	Edge 1RB Left	1.004	5.000	20.08	6.97	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.01
		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
	3694.98	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	4.998	20.01	6.99	0.07
		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	3555	Edge 1RB Left	1.002	4.998	20.05	6.98	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	4.998	20.01	6.99	0.03

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	3624.99	Inner 1RB Right	1.002	5.002	20.03	6.98	0.01
		Edge 1RB Left	1.002	5.000	20.04	6.98	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	0.00
		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
	3694.98	Edge 1RB Left	1.002	5.000	20.04	6.98	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	0.04
		Inner 1RB Right	1.002	5.000	20.04	6.98	0.00
CP-OFDM 256 QAM	3555	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	1.002	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	1.002	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
	3694.98	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	1.002	5.000	20.04	6.98	0.00



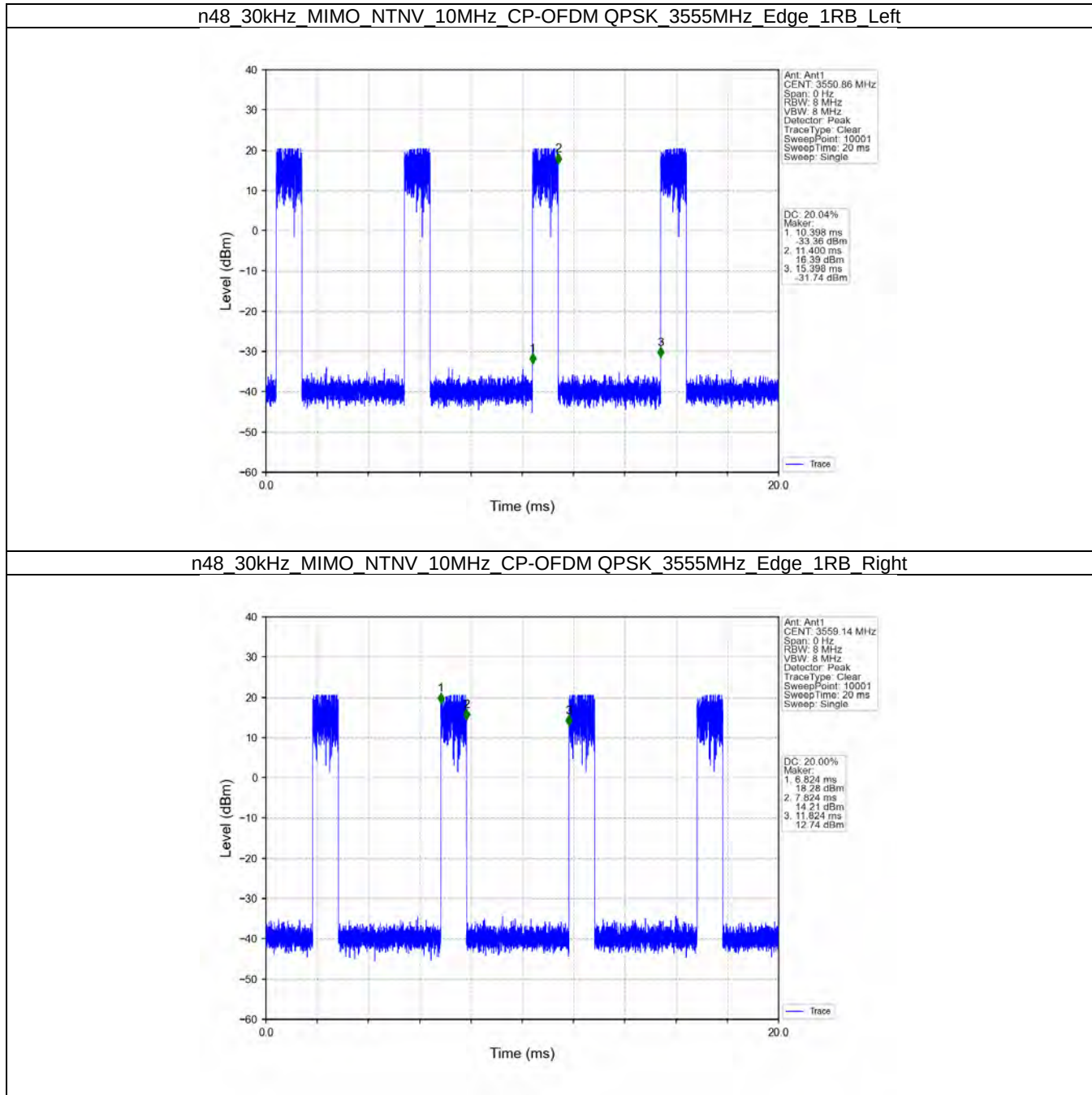
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1.1.2 Test Graph



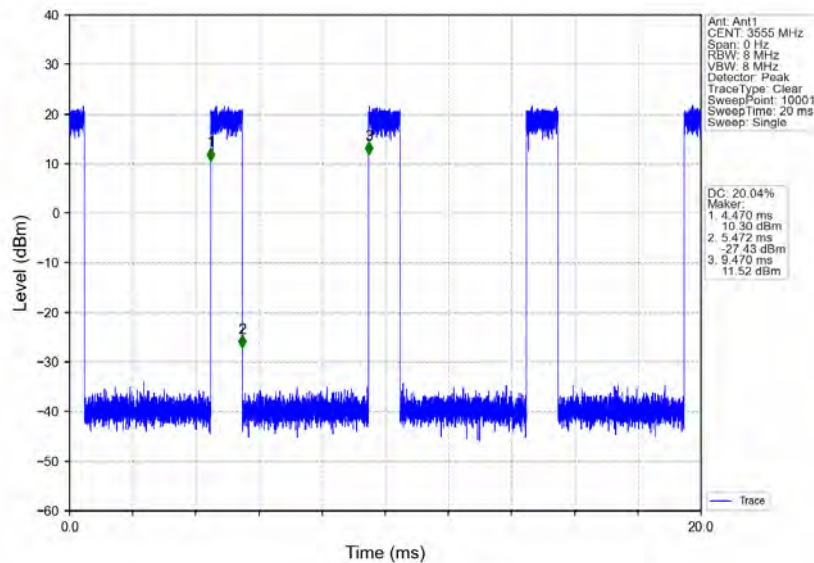
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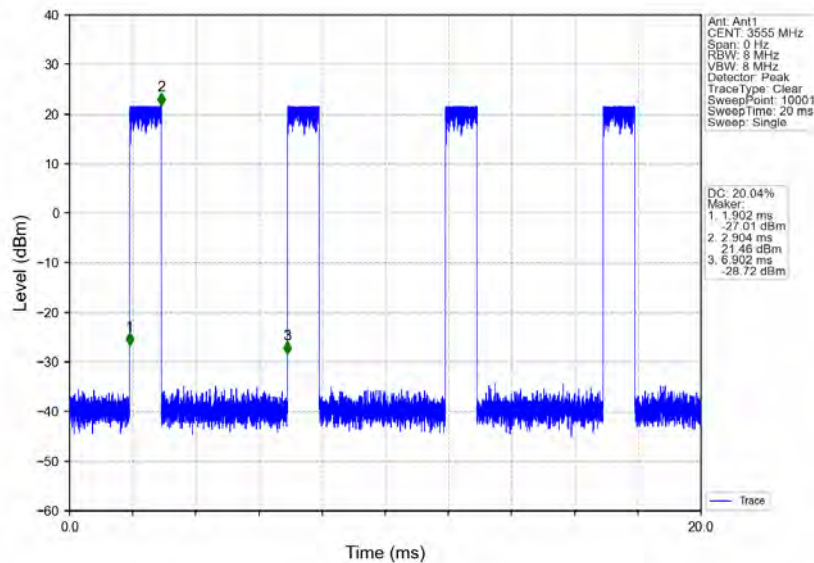
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n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Outer_Full



n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Inner_Full



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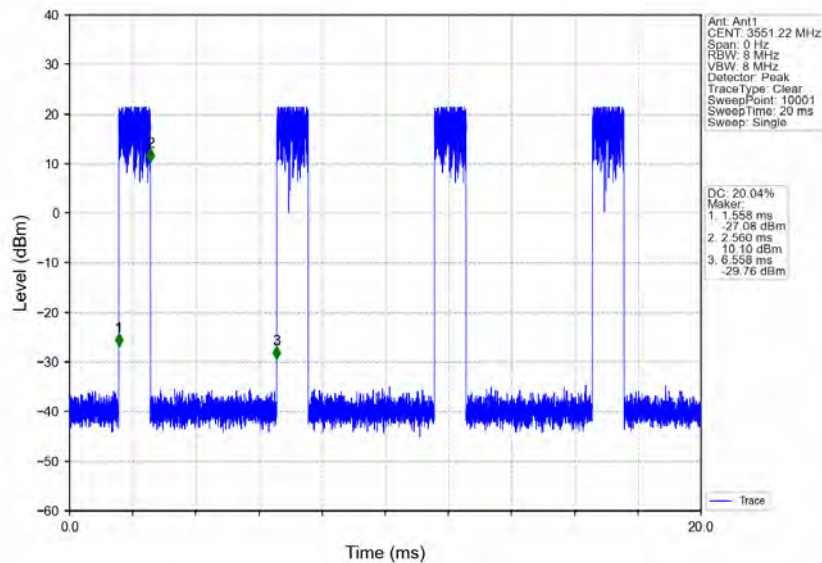
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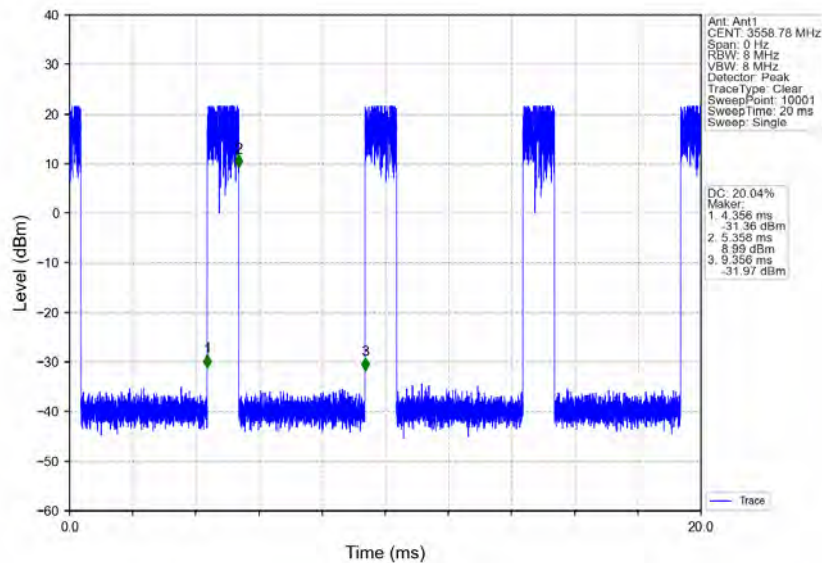
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n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_QPSK_3555MHz_Inner_1RB_Left



n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_QPSK_3555MHz_Inner_1RB_Right



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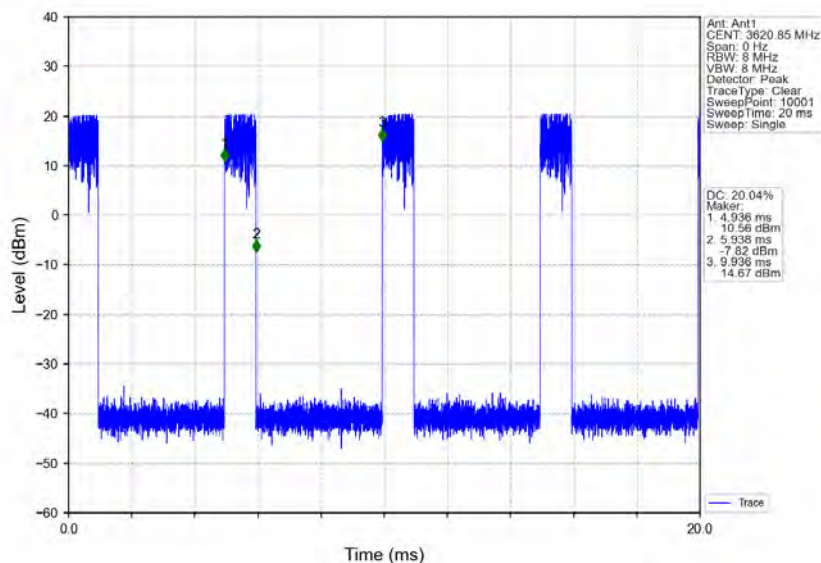
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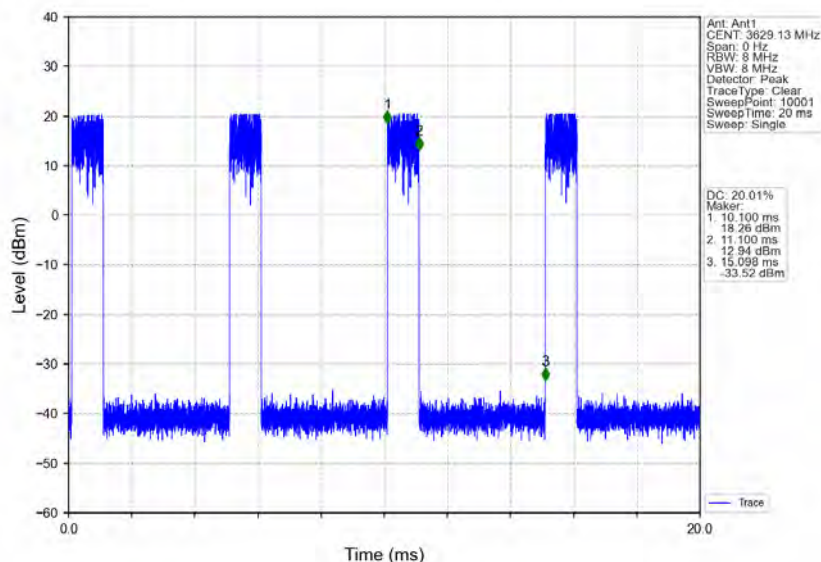
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n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_QPSK_3624.99MHz_Edge_1RB_Left



n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_QPSK_3624.99MHz_Edge_1RB_Right



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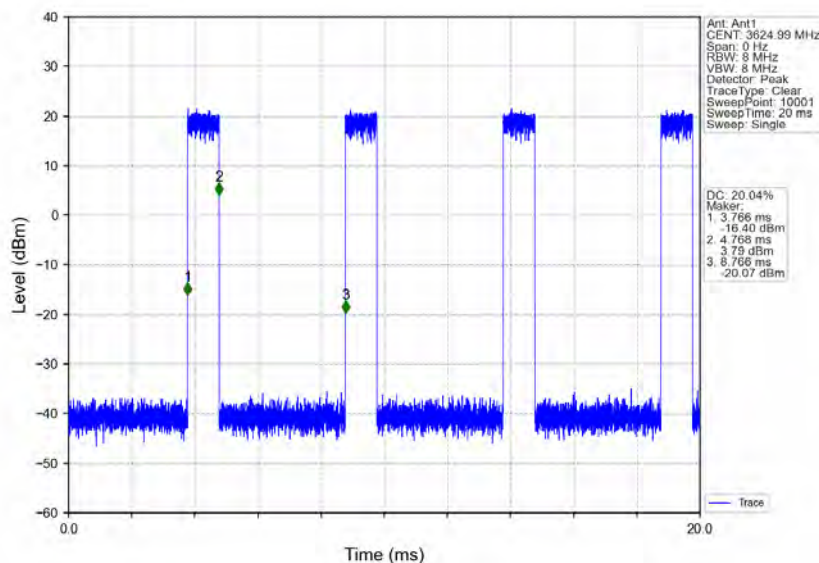
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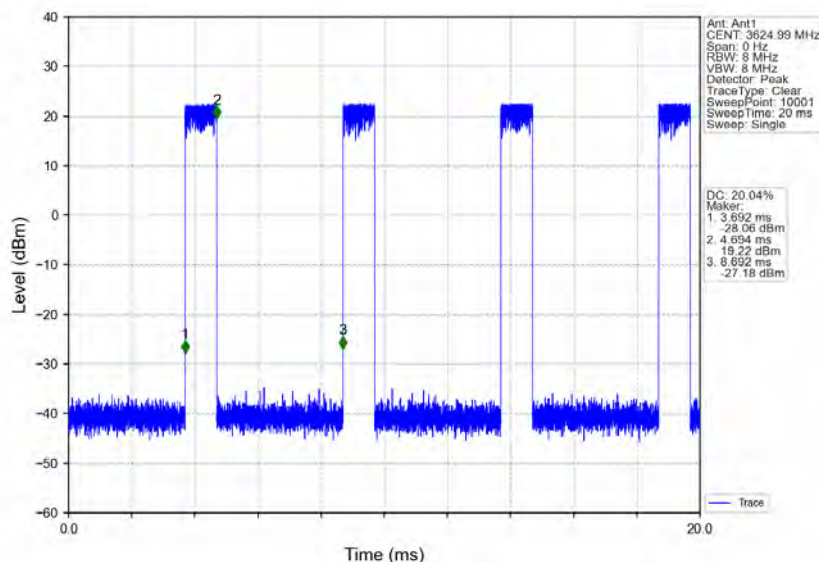
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n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_QPSK_3624.99MHz_Outer_Full



n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_QPSK_3624.99MHz_Inner_Full



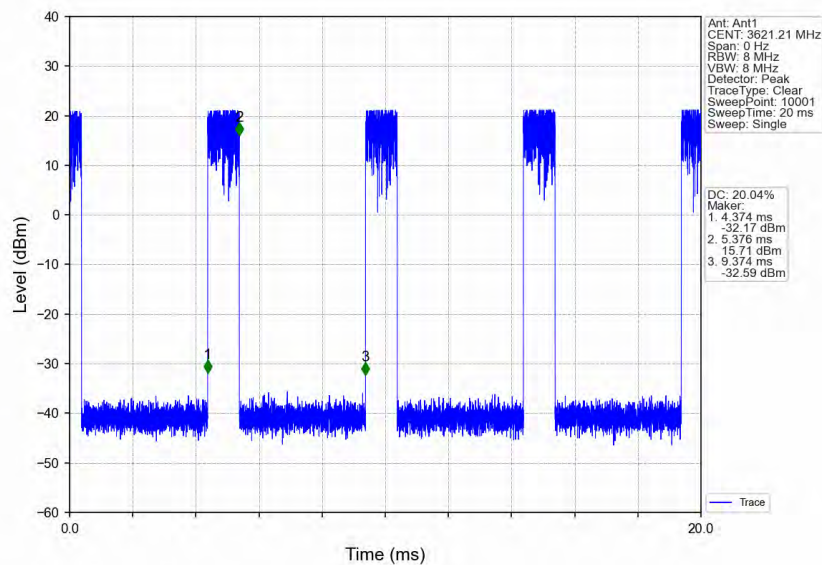
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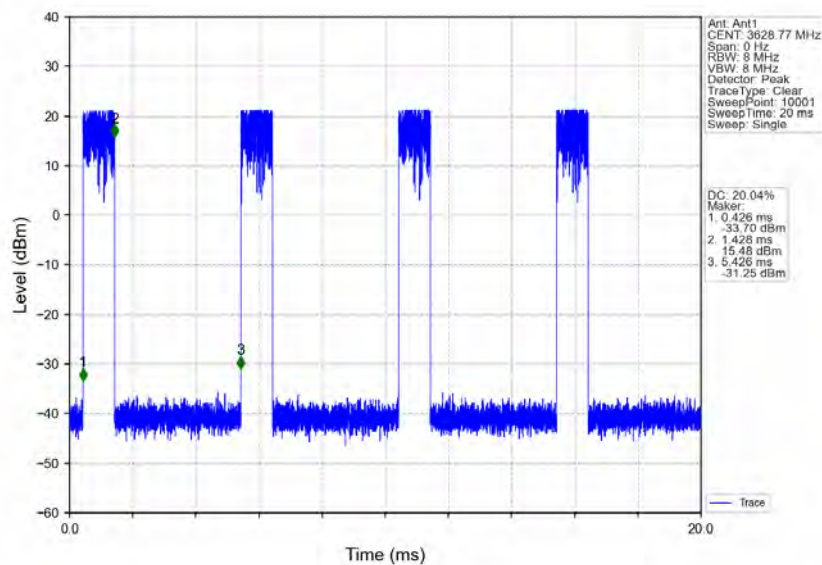
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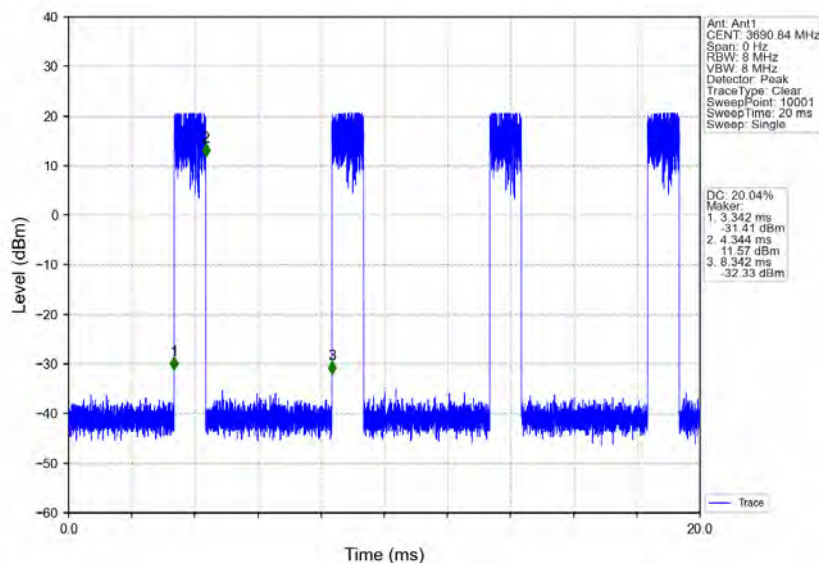
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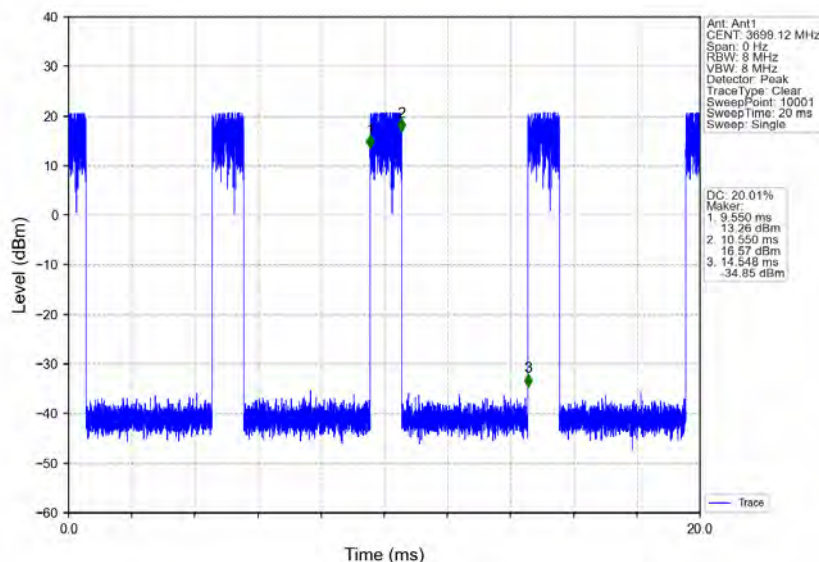
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n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_QPSK_3694.98MHz_Edge_1RB_Right



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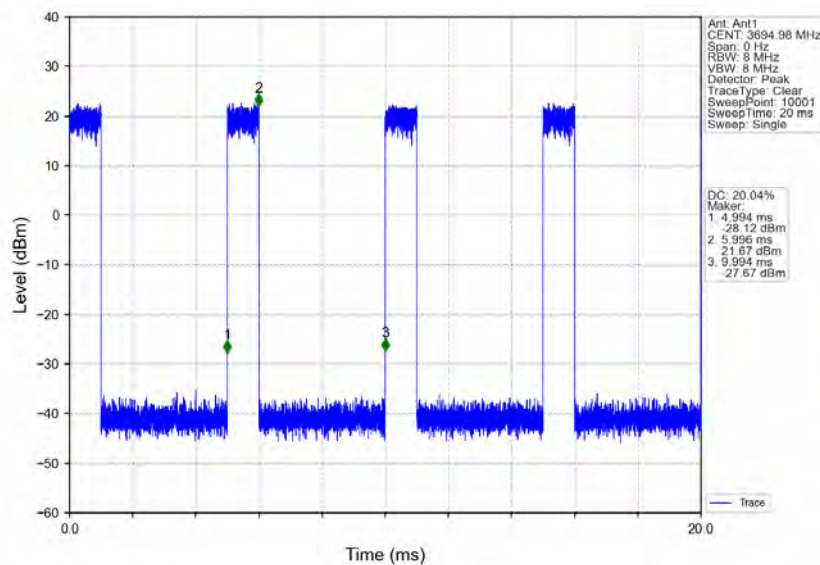
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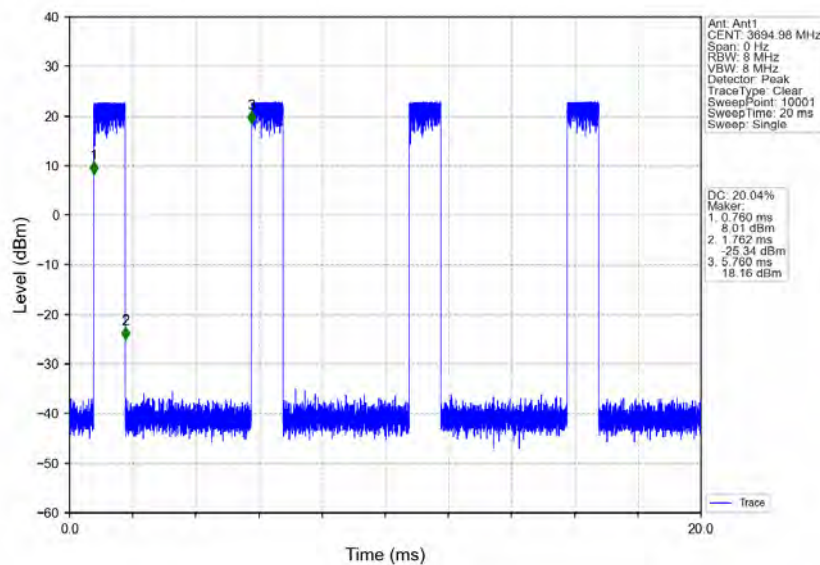
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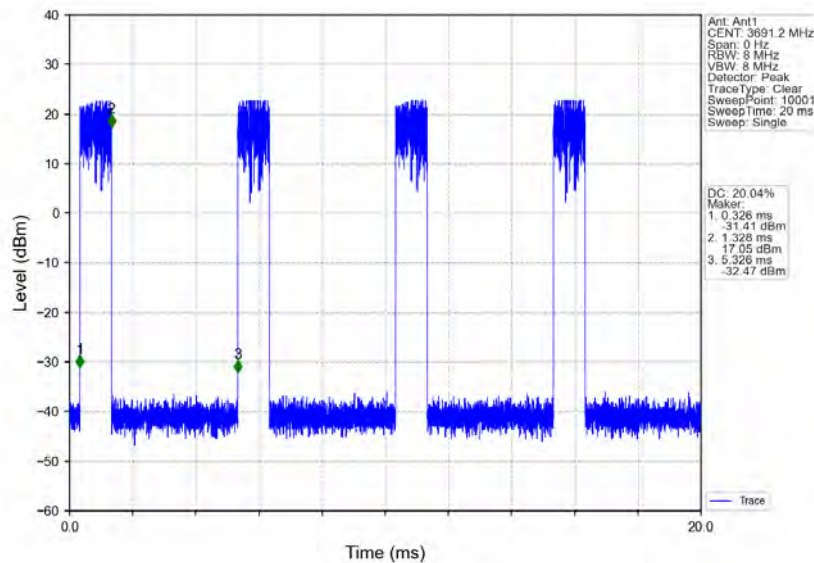
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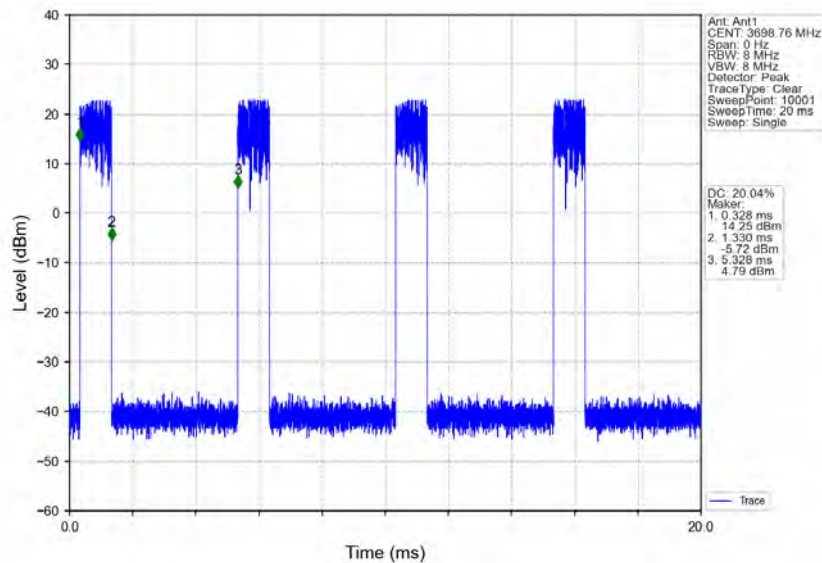
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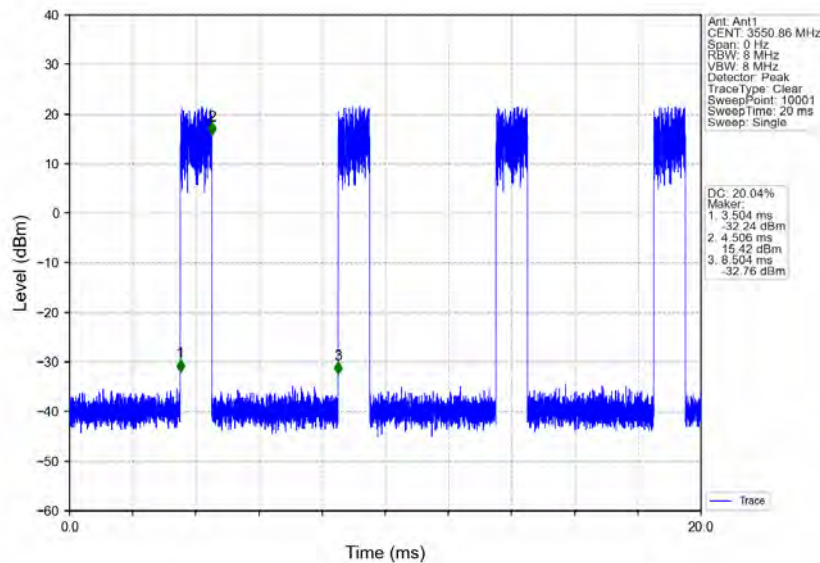
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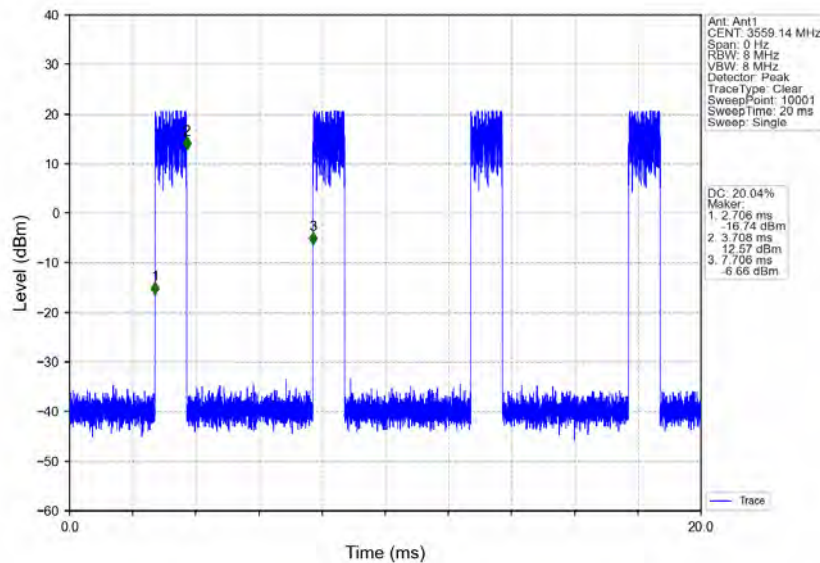
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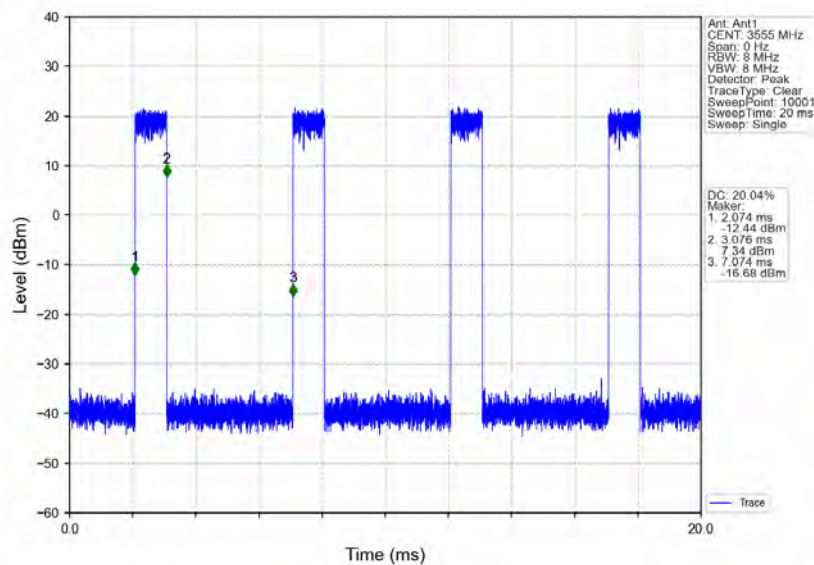
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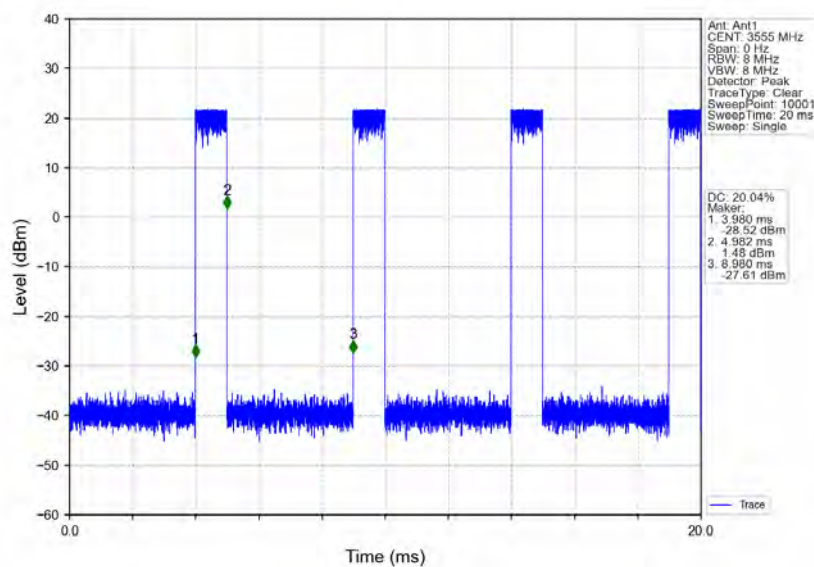
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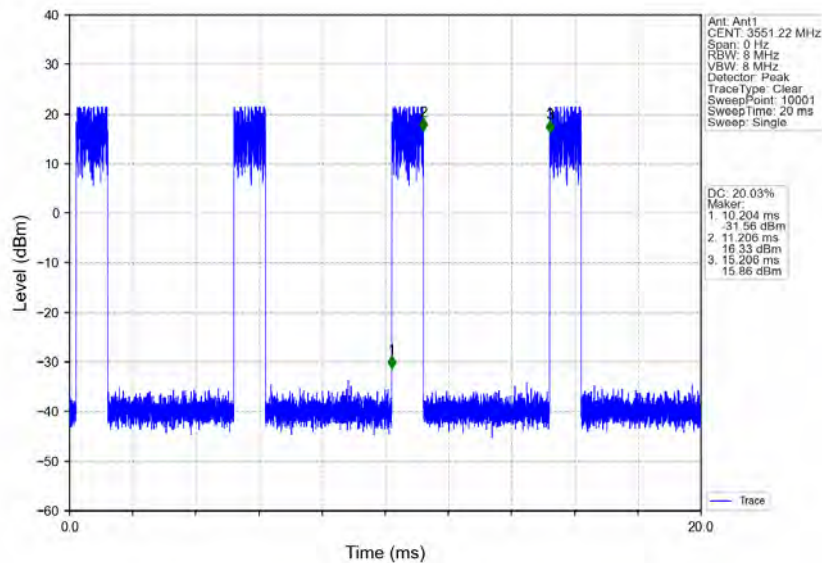
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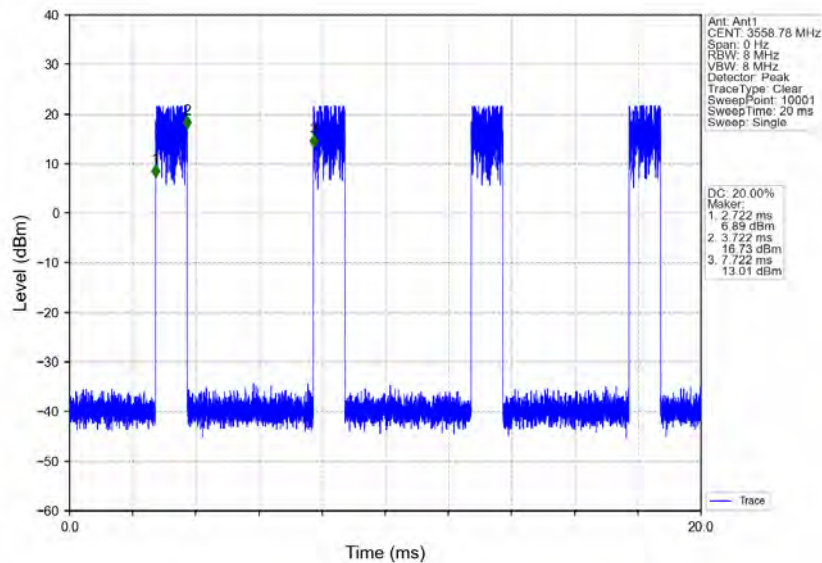
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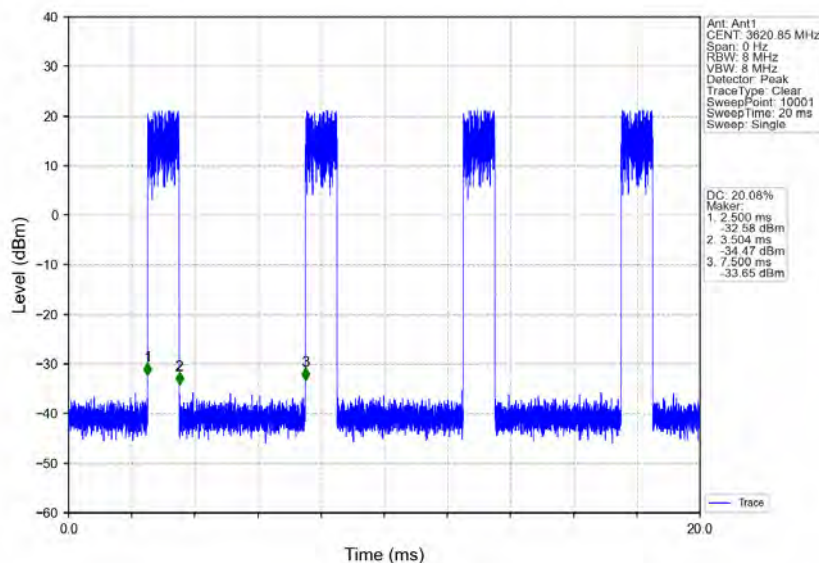
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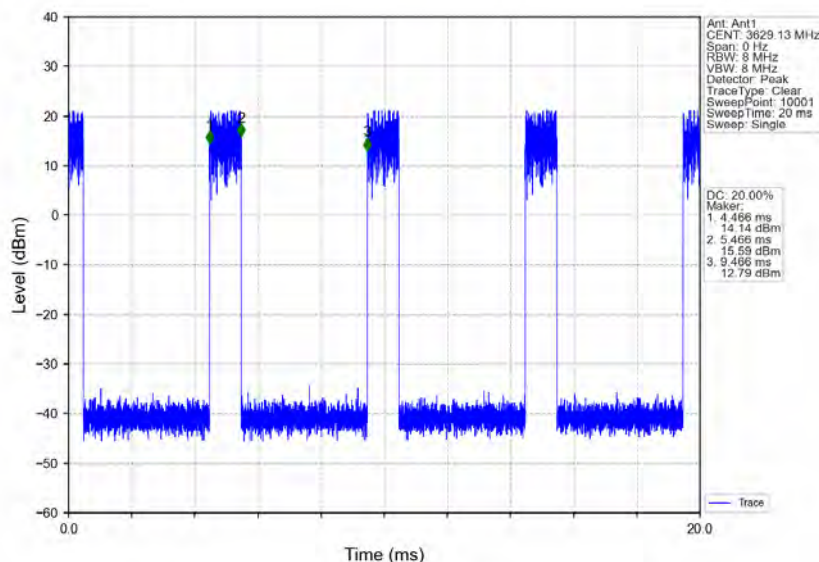
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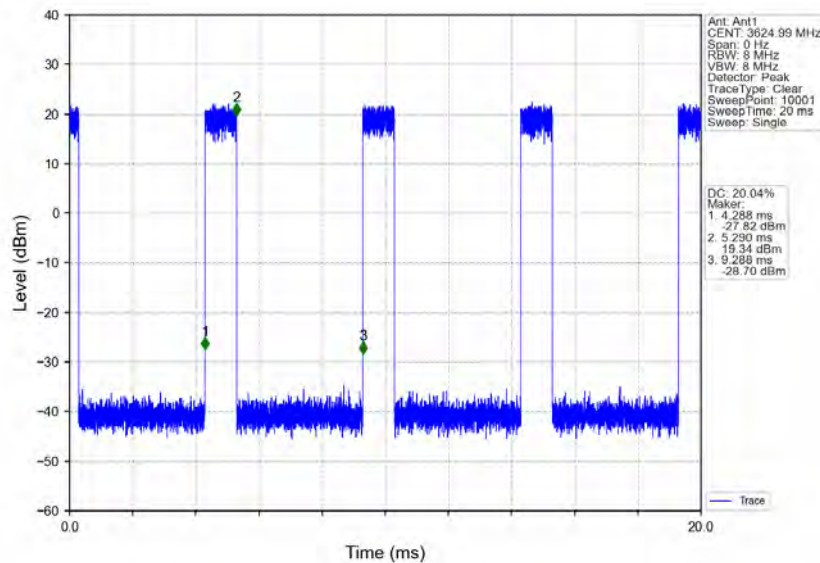
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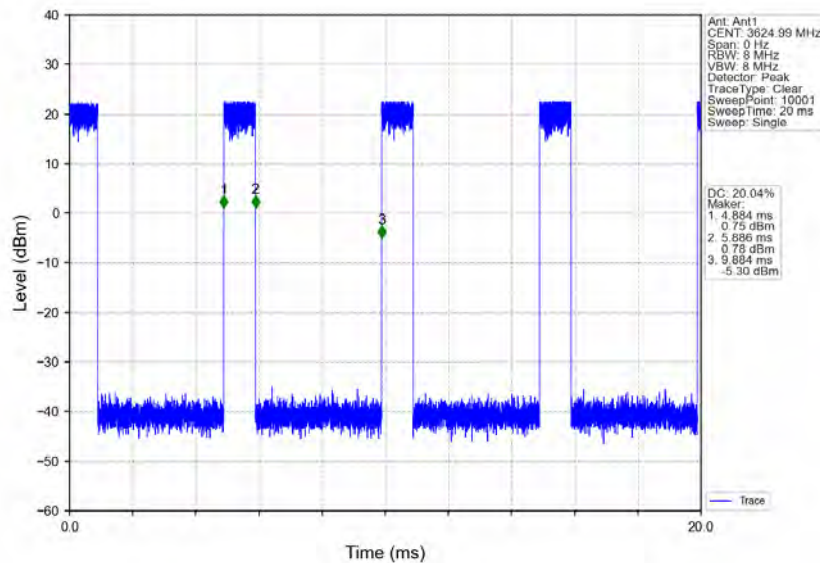
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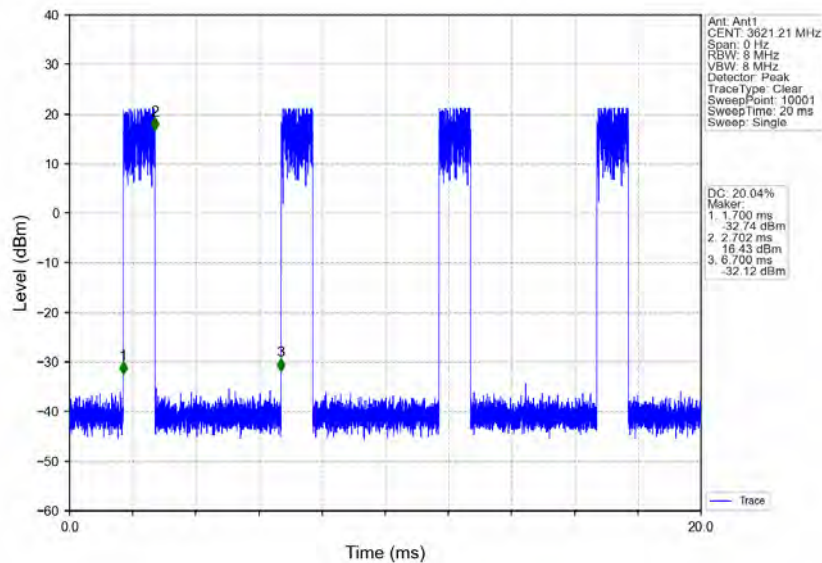
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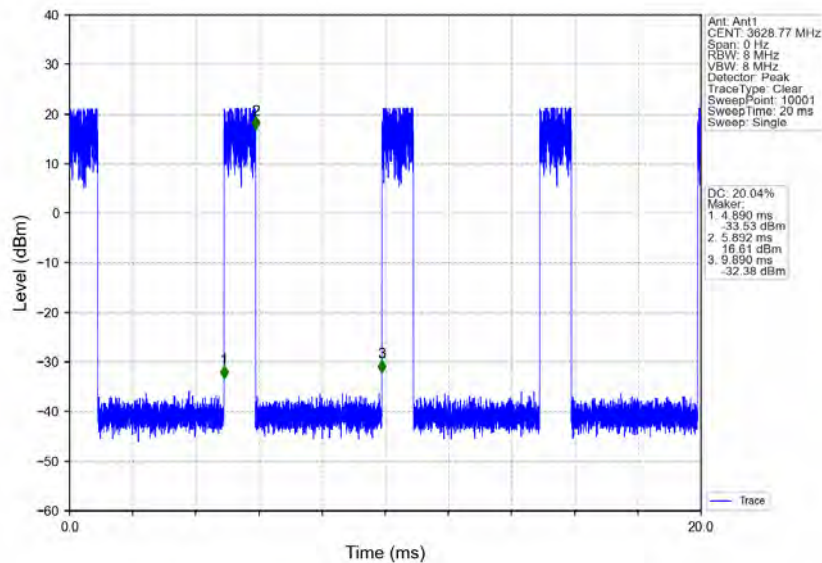
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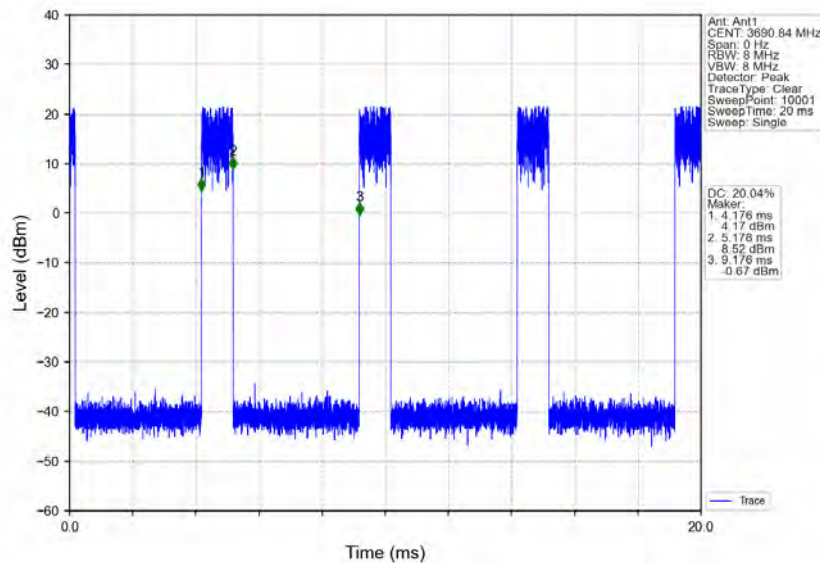
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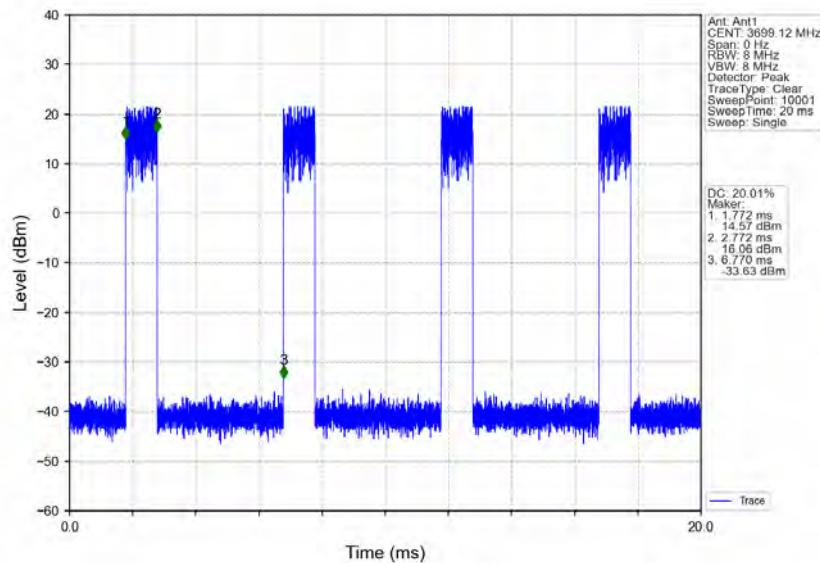
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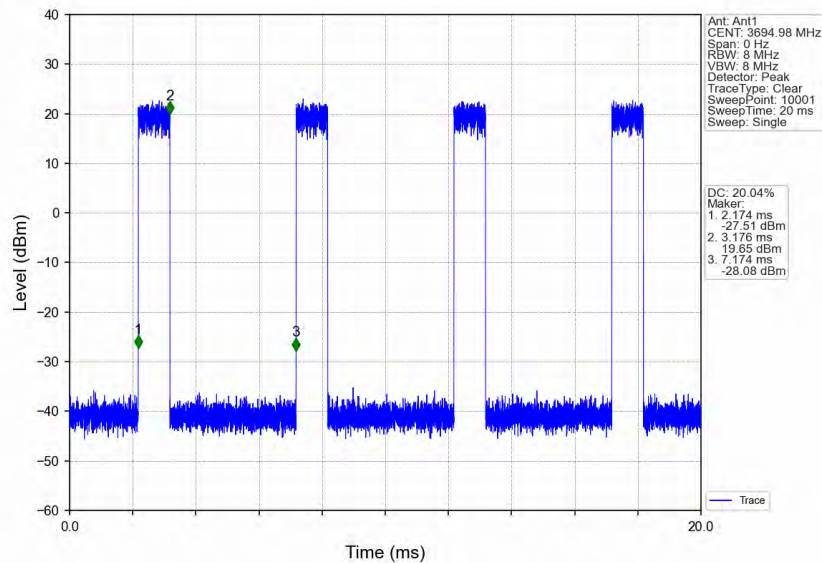
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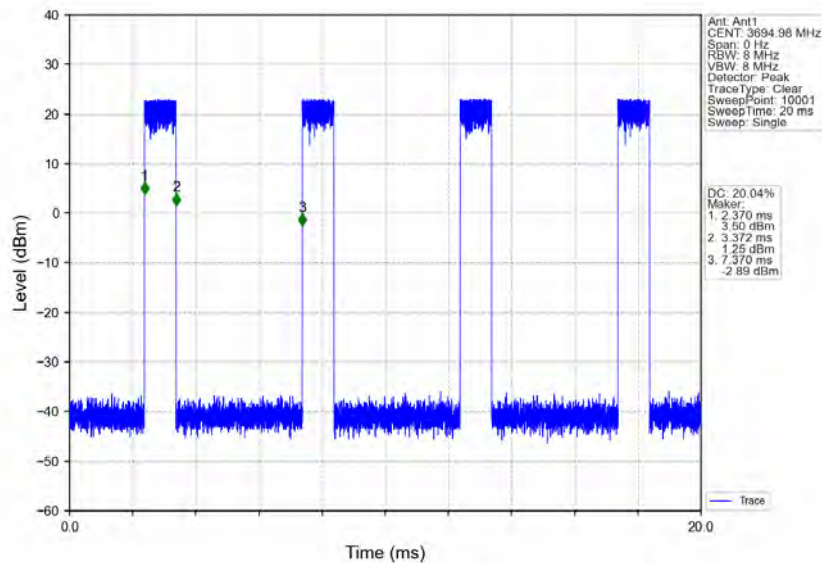
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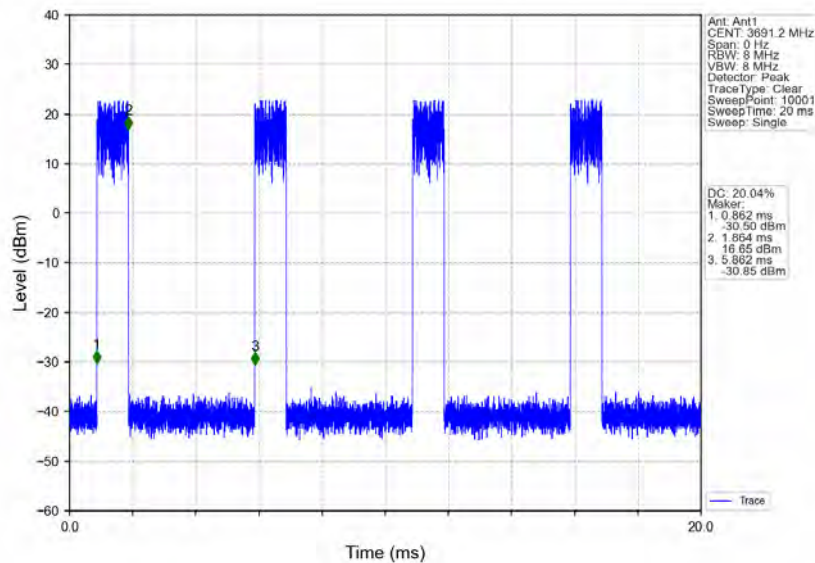
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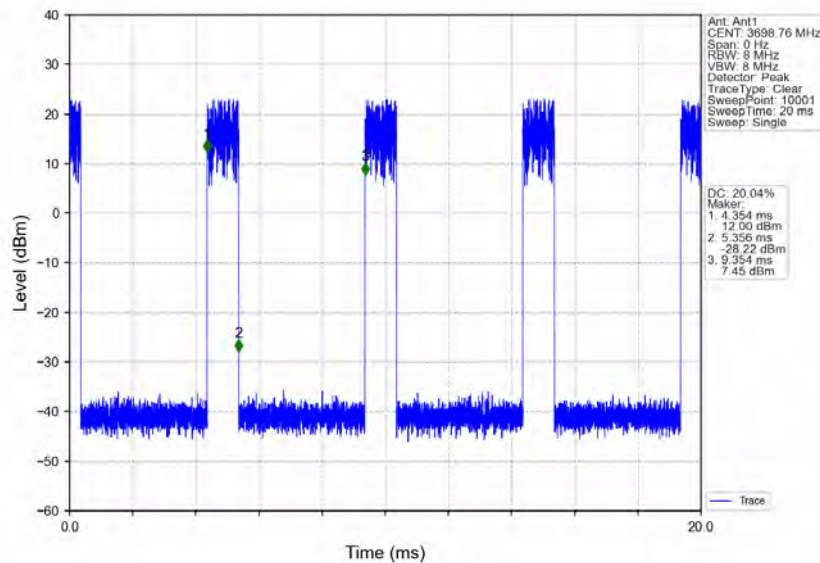
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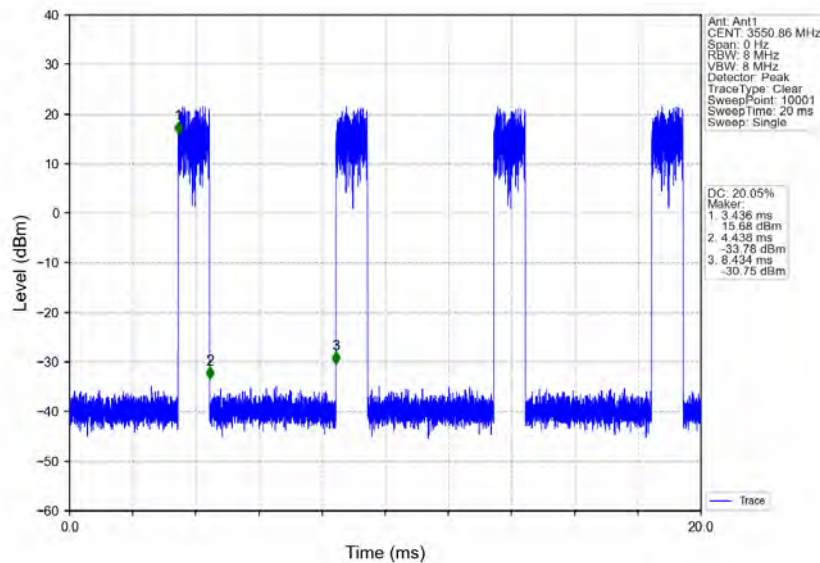
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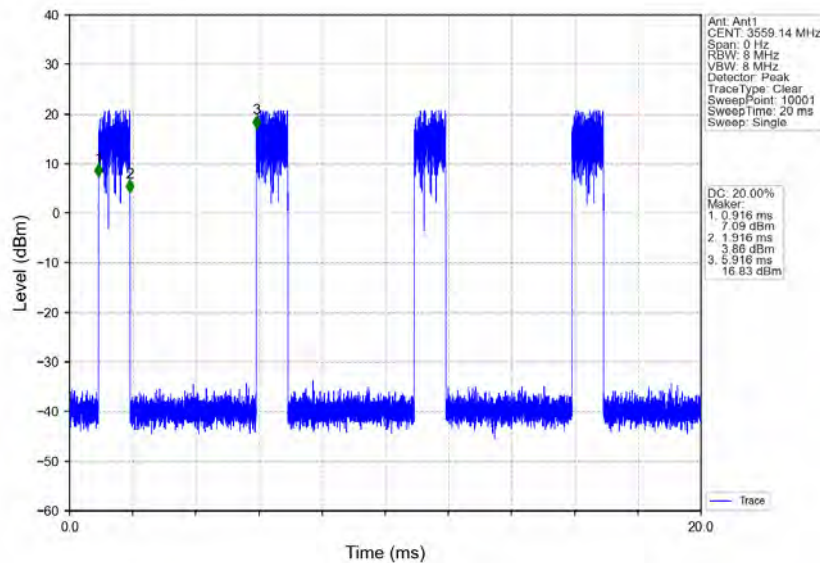
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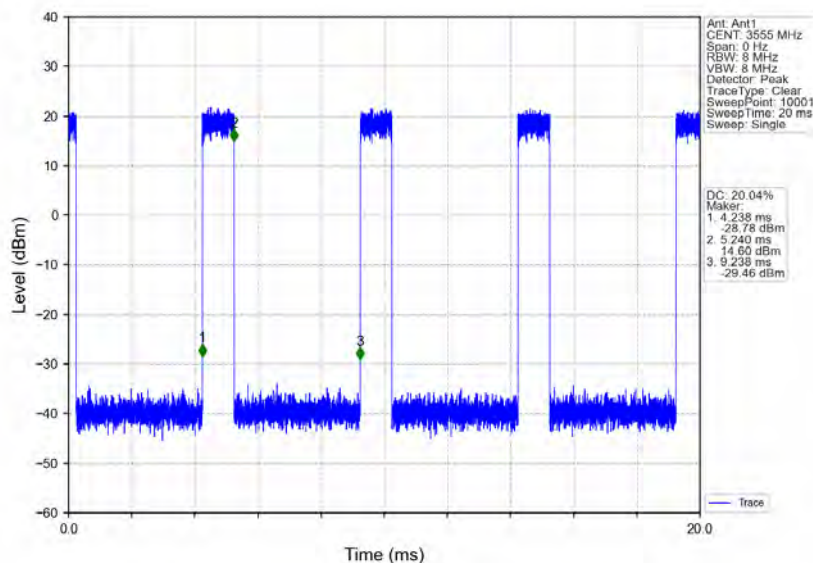
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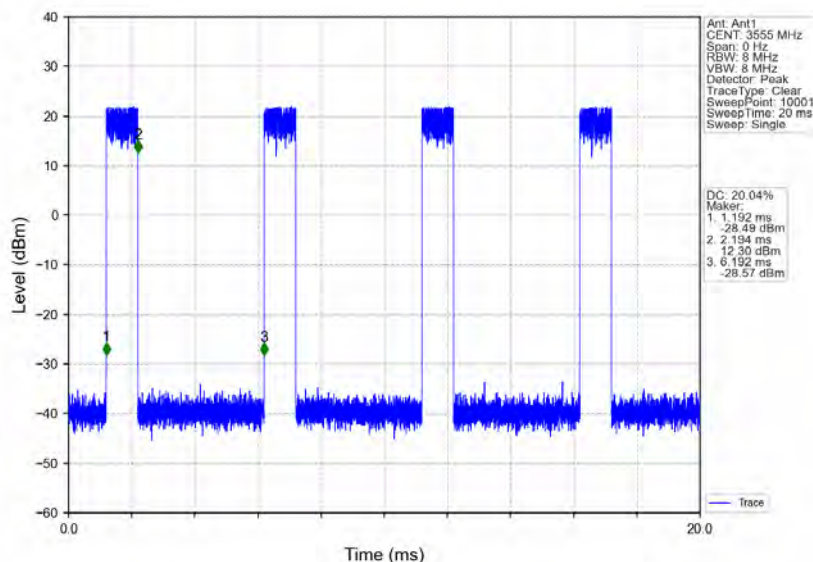
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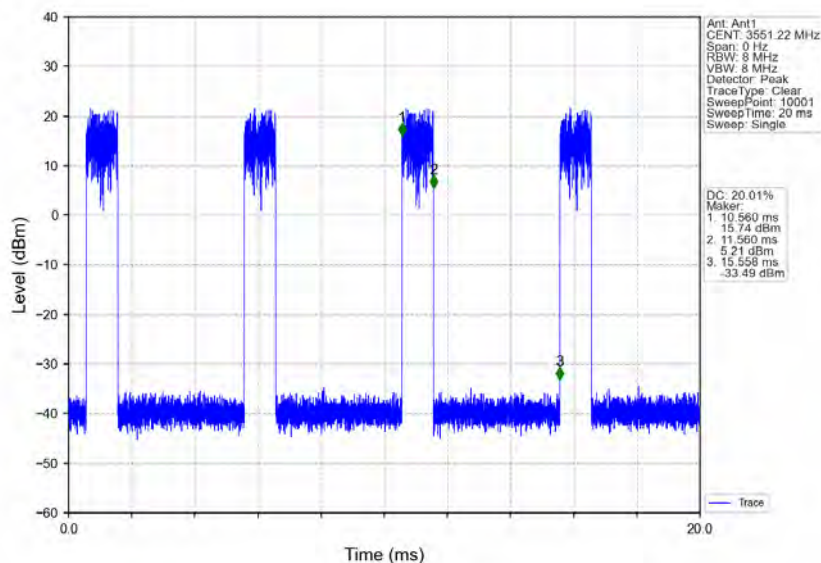
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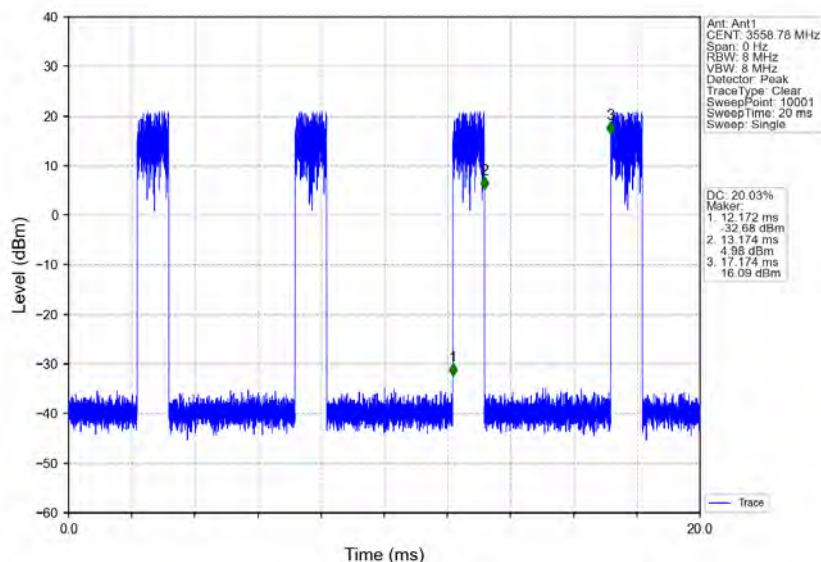
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n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM 64 QAM_3555MHz_Inner_1RB_Left



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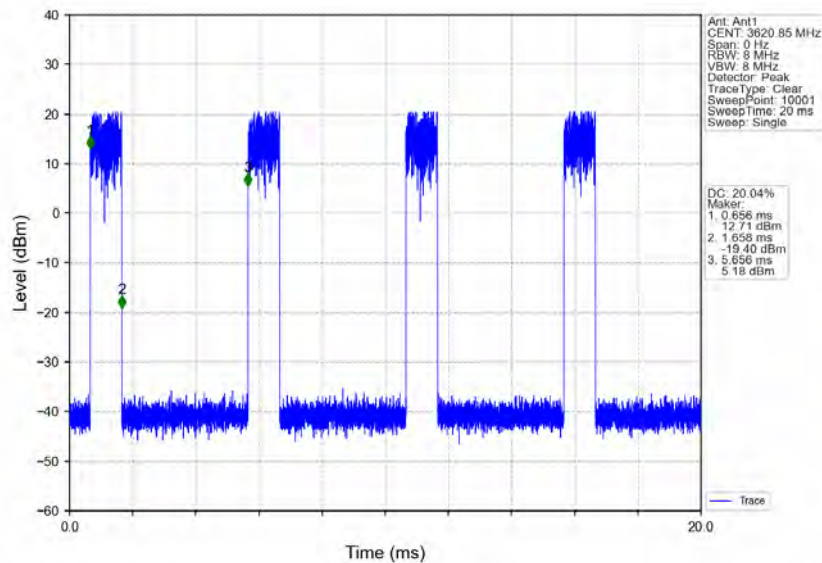
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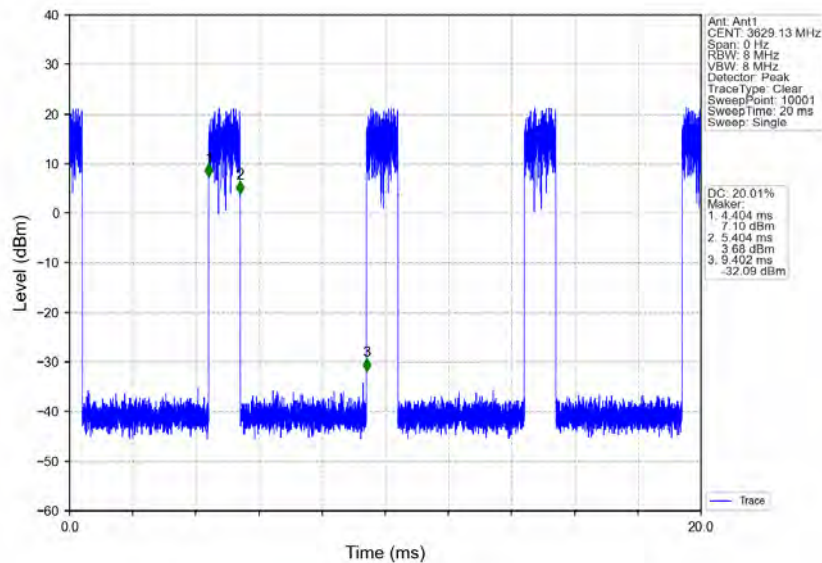
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n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_64_QAM_3624.99MHz_Edge_1RB_Left



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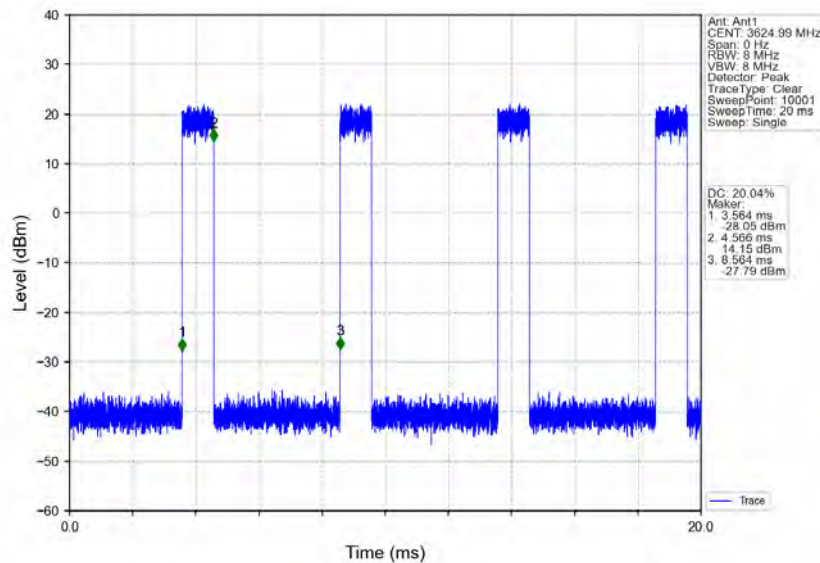
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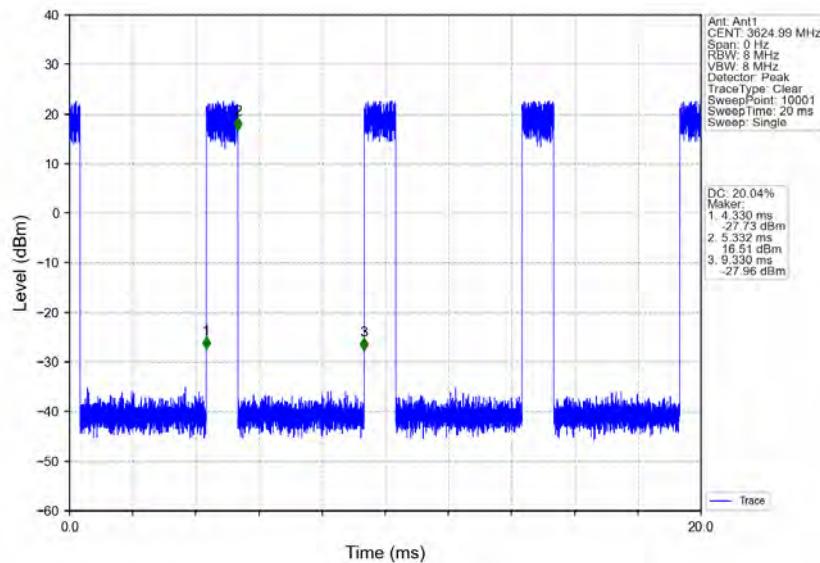
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n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM 64 QAM 3624.99MHz_Outer_Full



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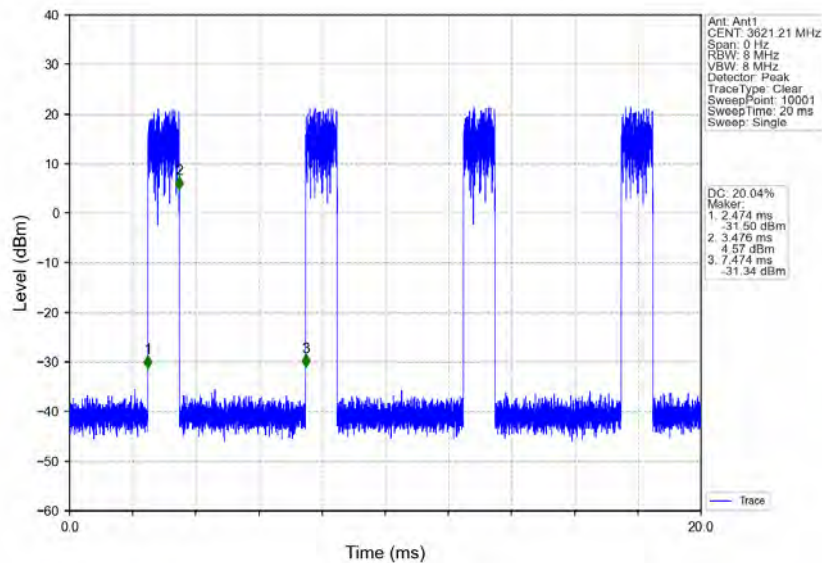
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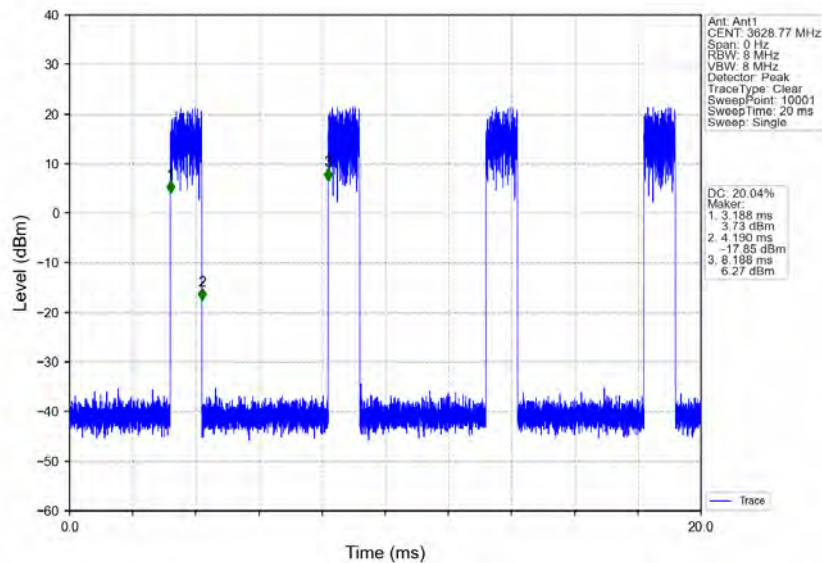
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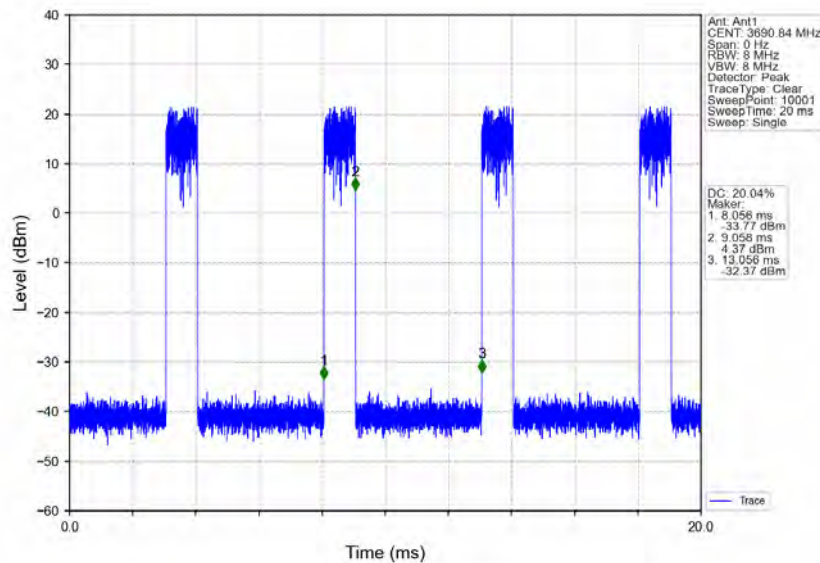
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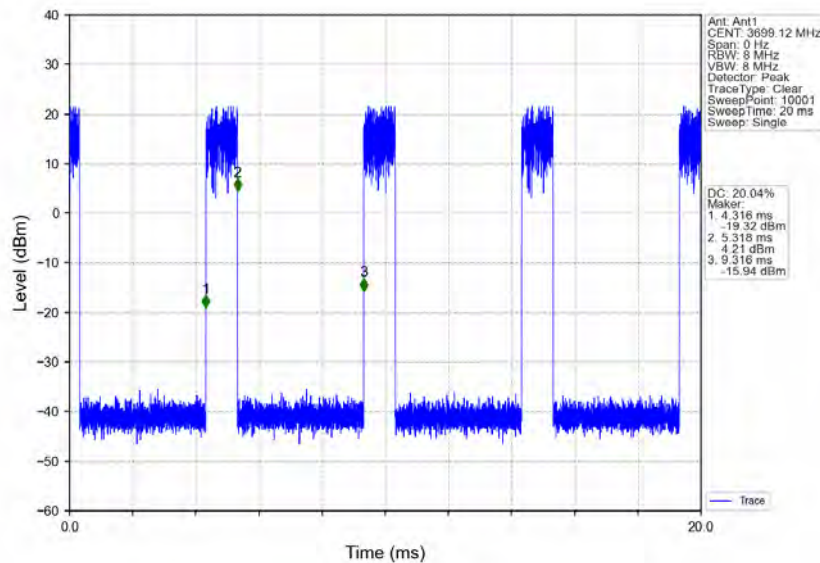
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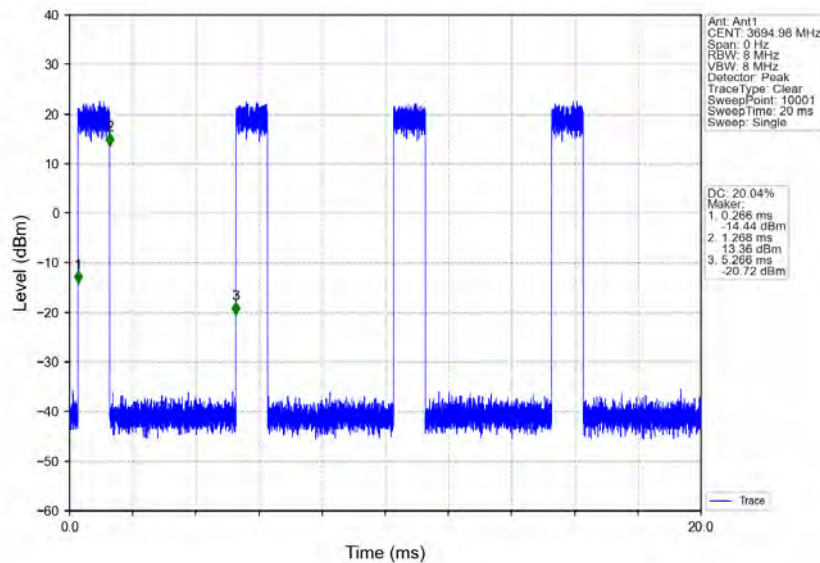
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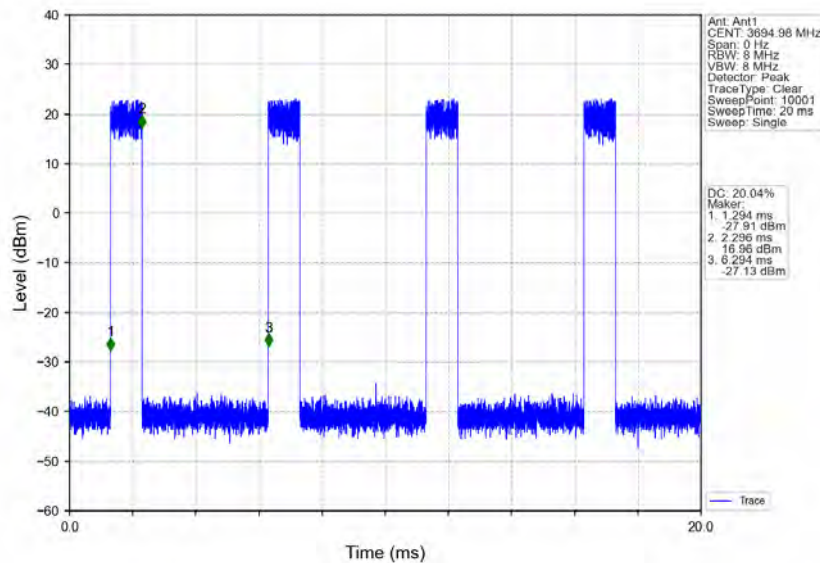
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n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM 64 QAM 3694.98MHz_Outer_Full



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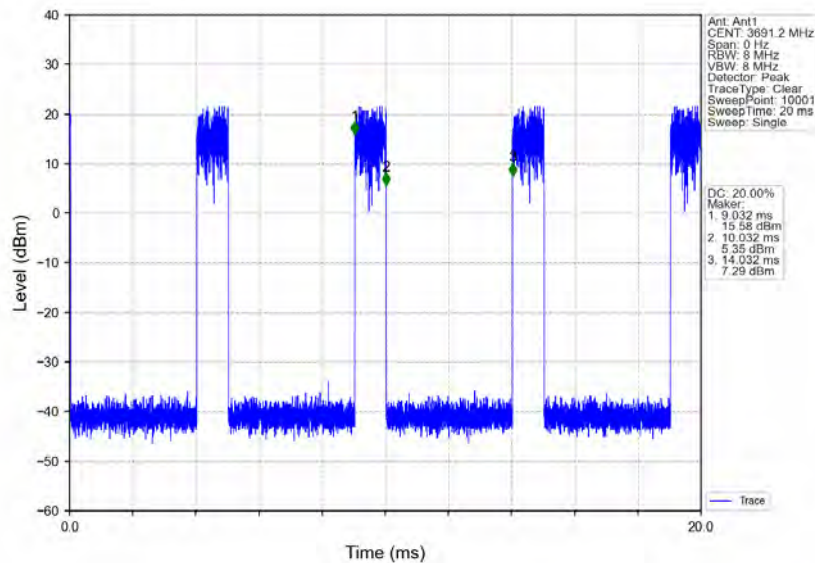
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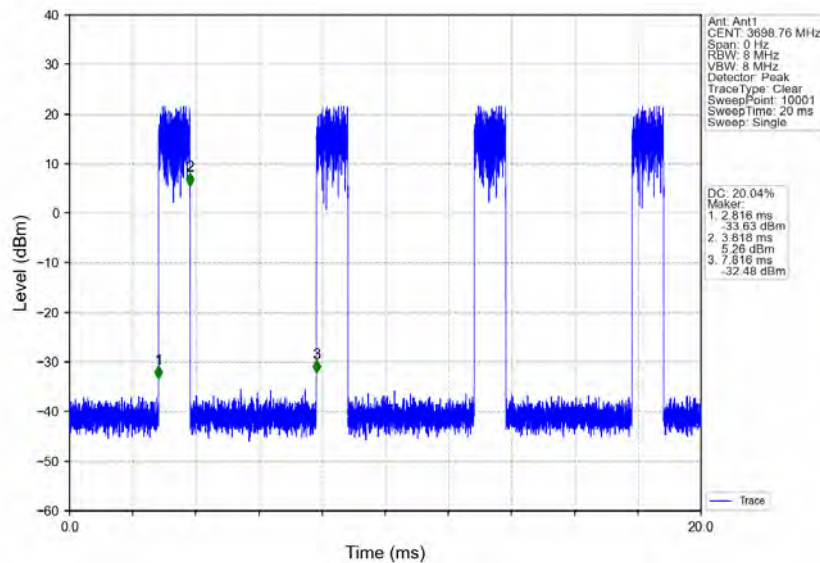
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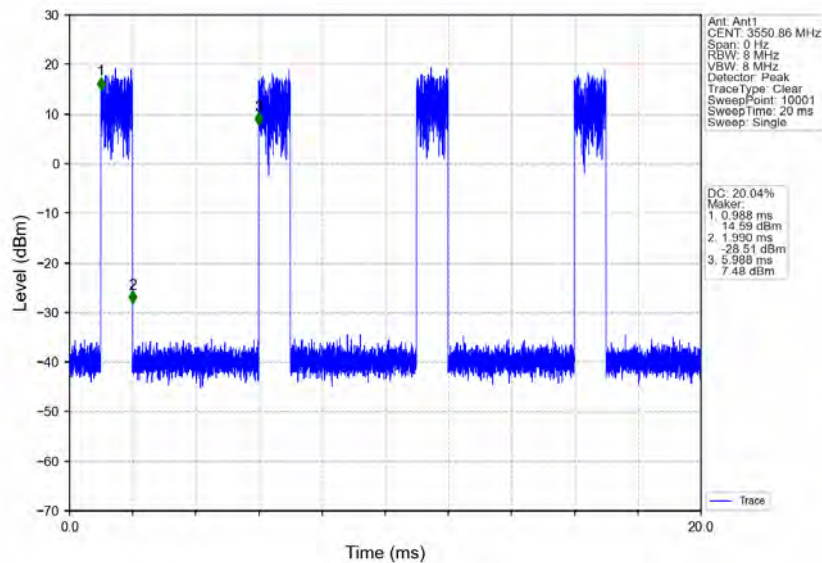
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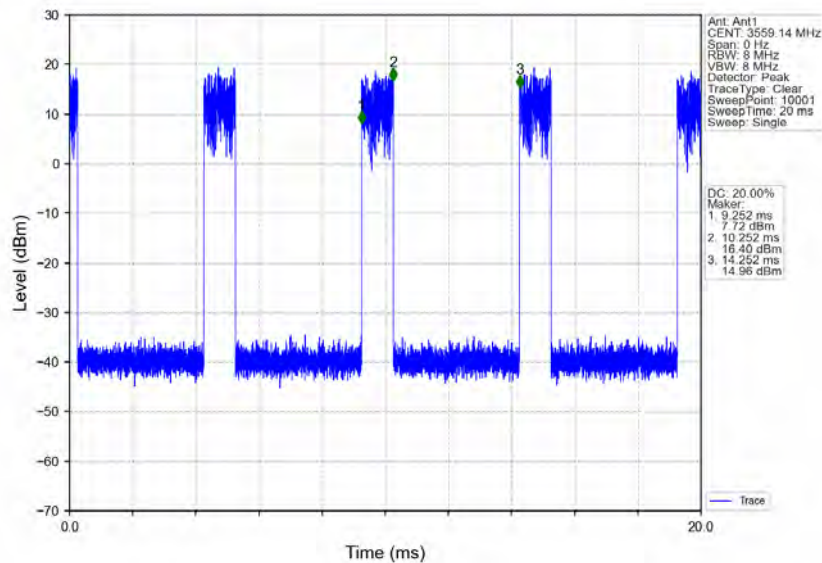
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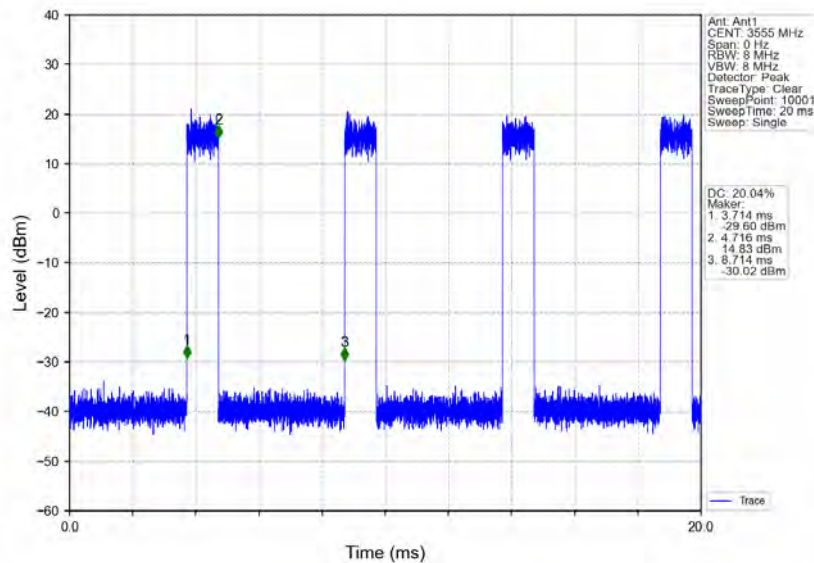
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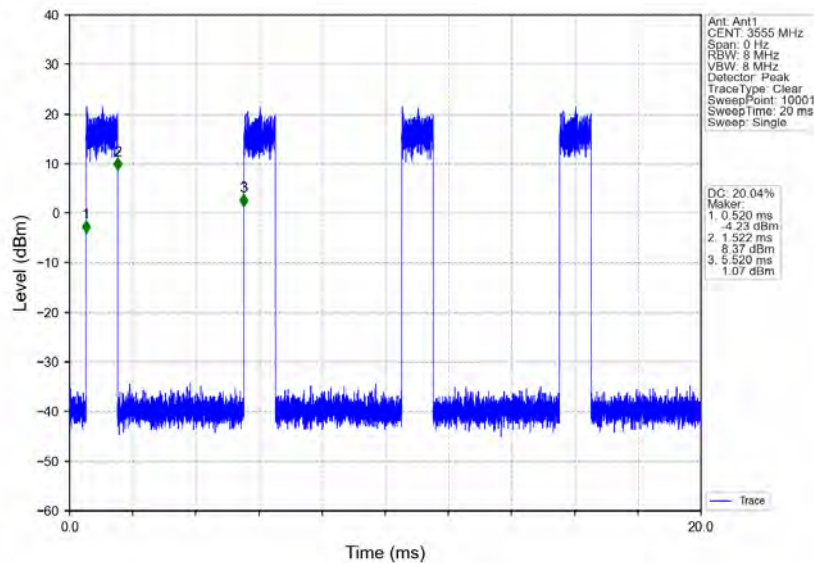
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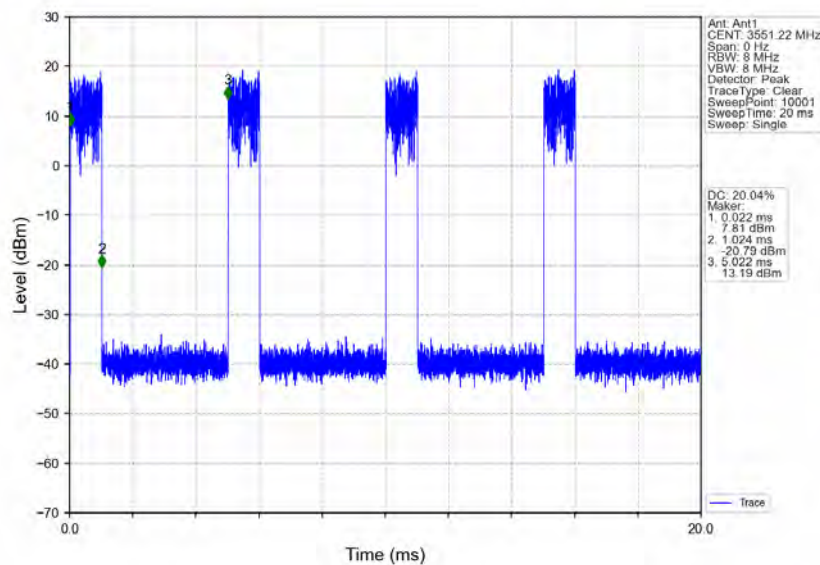
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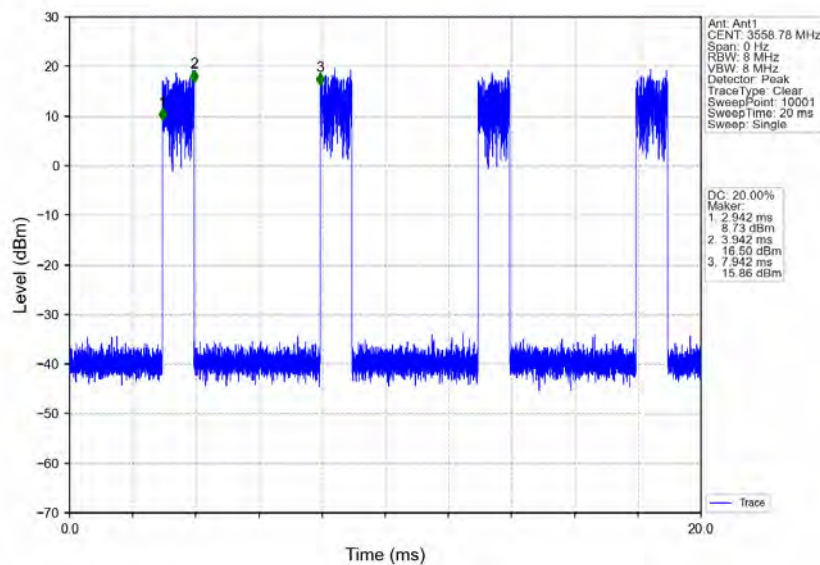
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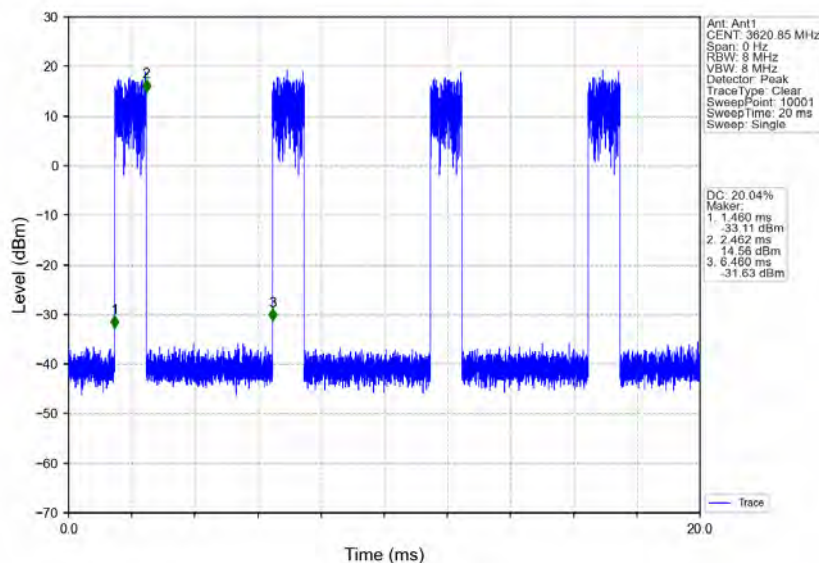
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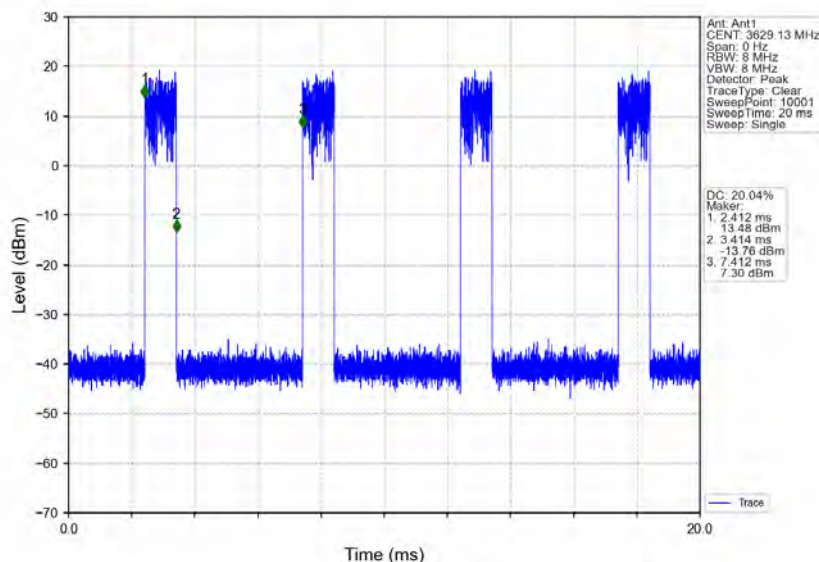
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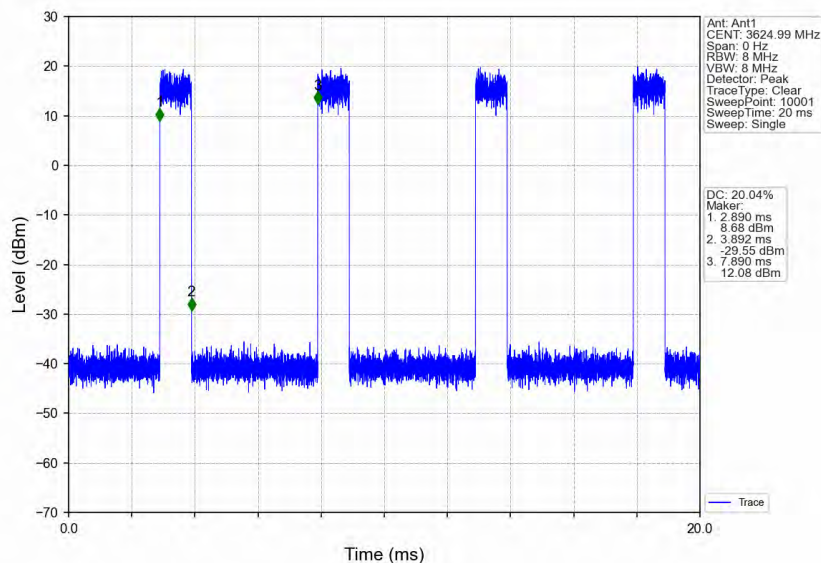
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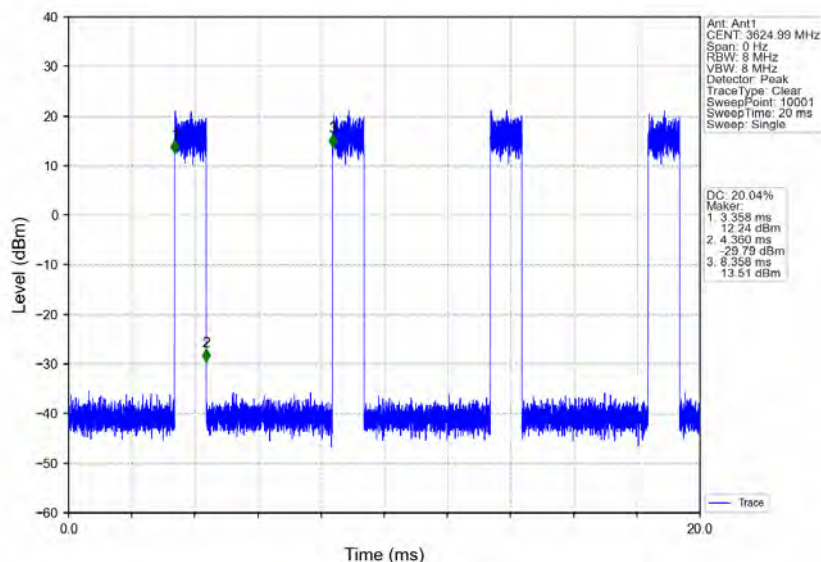
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n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_256_QAM_3624.99MHz_Outer_Full



n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_256_QAM_3624.99MHz_Inner_Full



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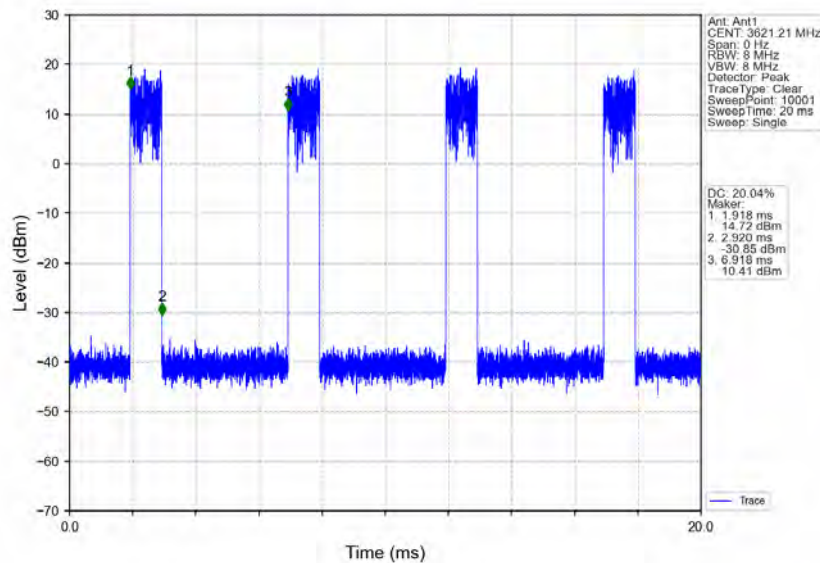
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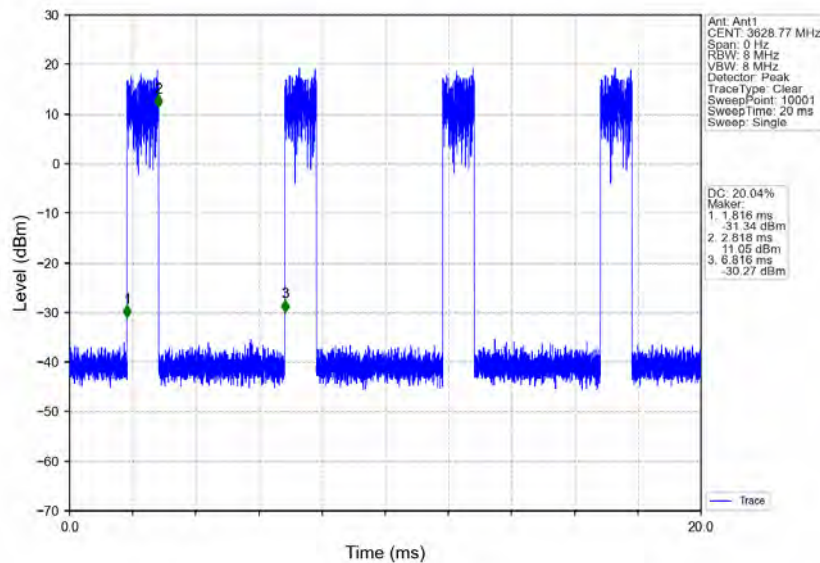
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n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_256_QAM_3624.99MHz_Inner_1RB_Left



n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_256_QAM_3624.99MHz_Inner_1RB_Right



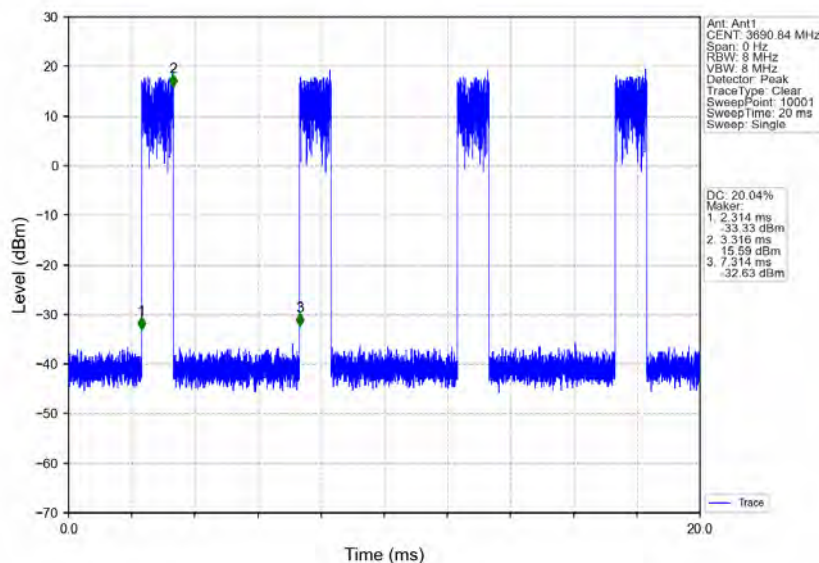
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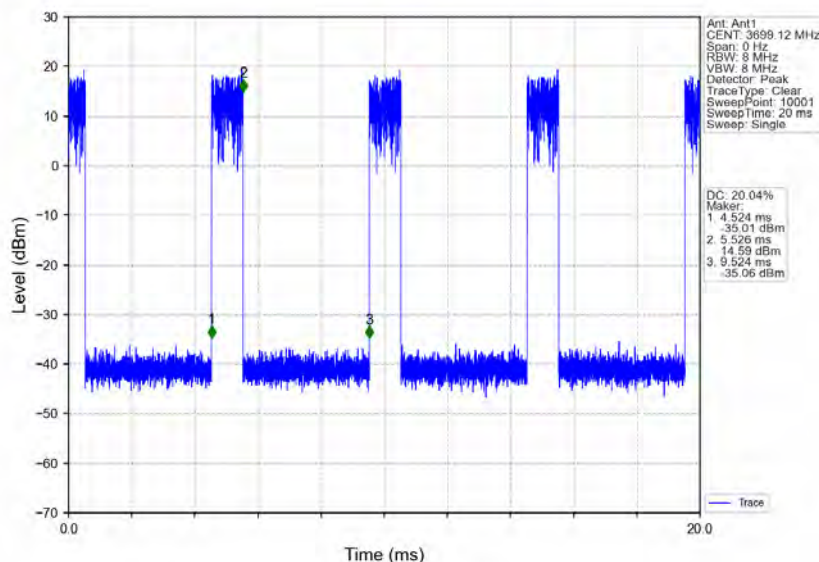
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n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_256_QAM_3694.98MHz_Edge_1RB_Left



n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_256_QAM_3694.98MHz_Edge_1RB_Right



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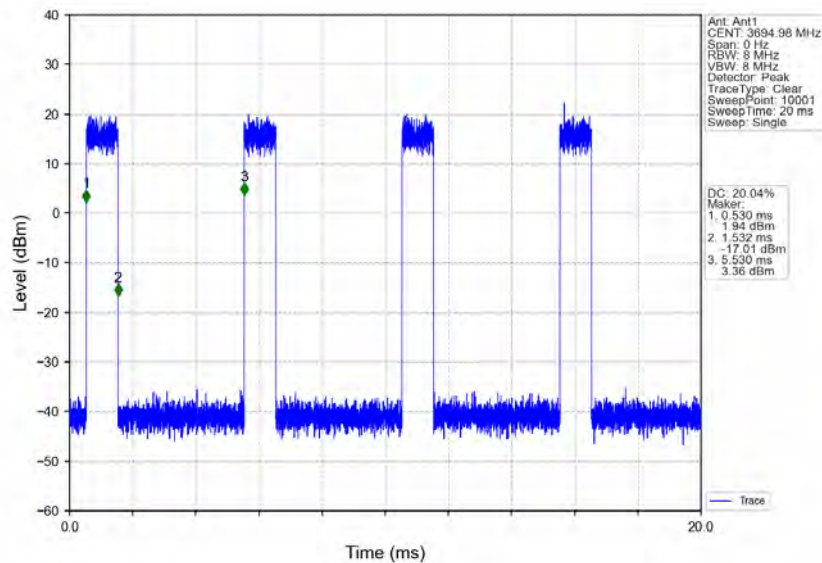
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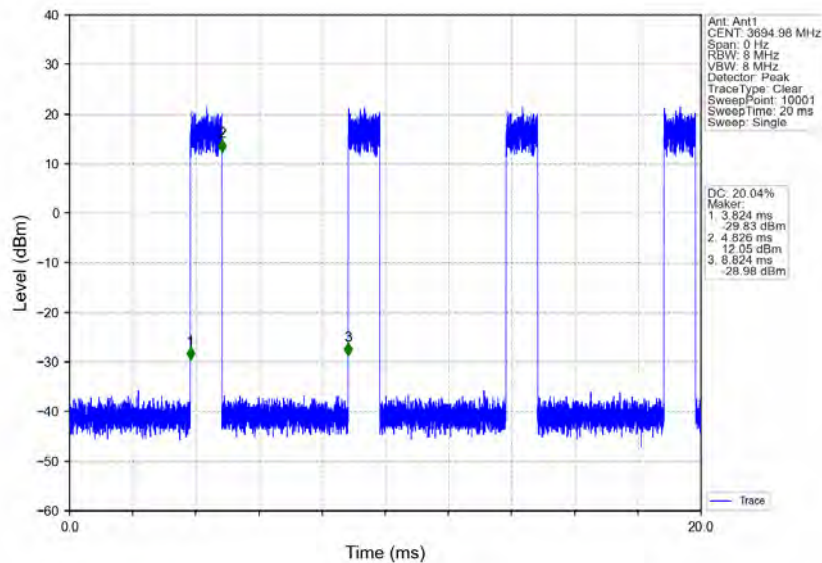
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n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_256_QAM_3694.98MHz_Outer_Full



n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_256_QAM_3694.98MHz_Inner_Full



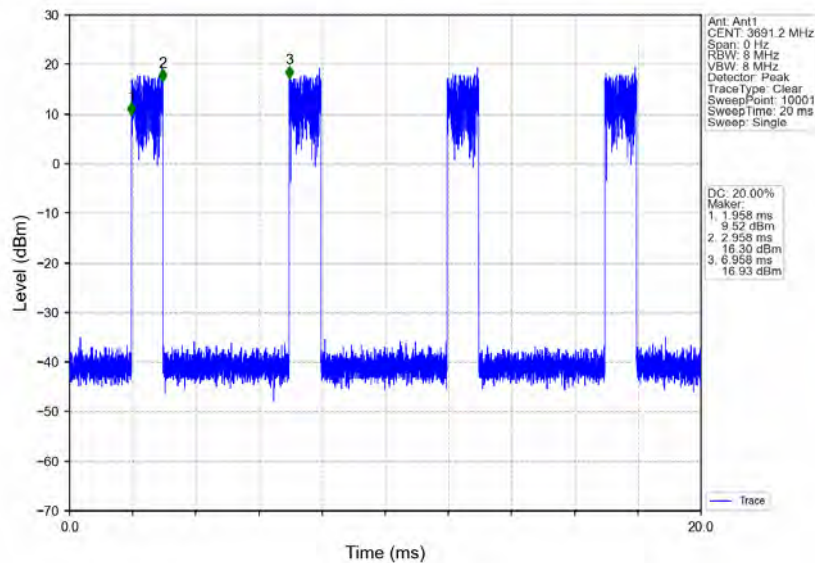
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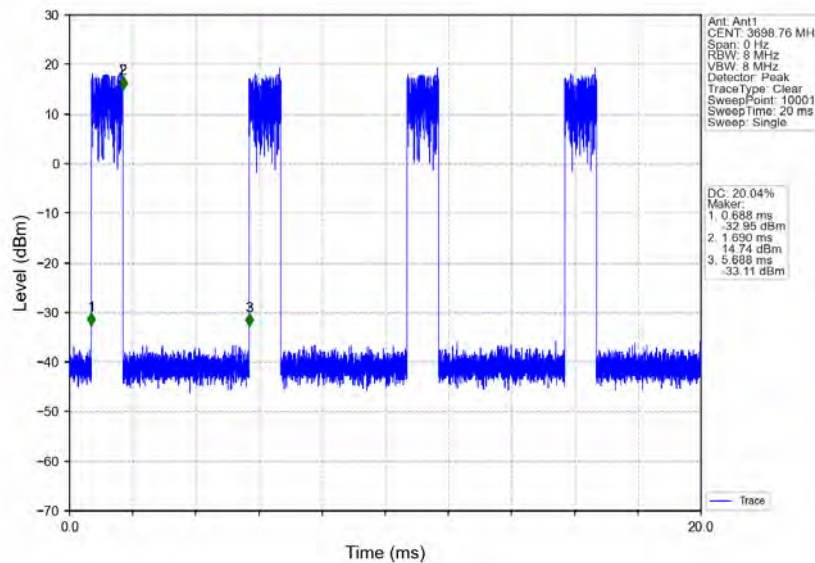
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n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_256_QAM_3694.98MHz_Inner_1RB_Left



n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM_256_QAM_3694.98MHz_Inner_1RB_Right



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1.2 30k_MIMO_20MHz_NTNV

1.2.1 Test Result

5G NR n48 SCS=30kHz MIMO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
CP-OFDM QPSK	3560.01	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.000	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	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.000	4.998	20.01	6.99	0.02
	3690	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		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 16 QAM	3560.01	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.04
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Right	1.002	5.000	20.04	6.98	0.00
	3624.99	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	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
	3690	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
CP-OFDM 64 QAM	3560.01	Edge 1RB Left	1.000	5.000	20.00	6.99	0.04
		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	1.000	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	1.004	5.000	20.08	6.97	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00

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CP-OFDM 256 QAM		Outer_Full	1.002	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
	3690	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	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
	3560.01	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	0.03
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
	3624.99	Inner_1RB_Left	1.000	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	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3690	Edge_1RB_Left	1.000	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
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00



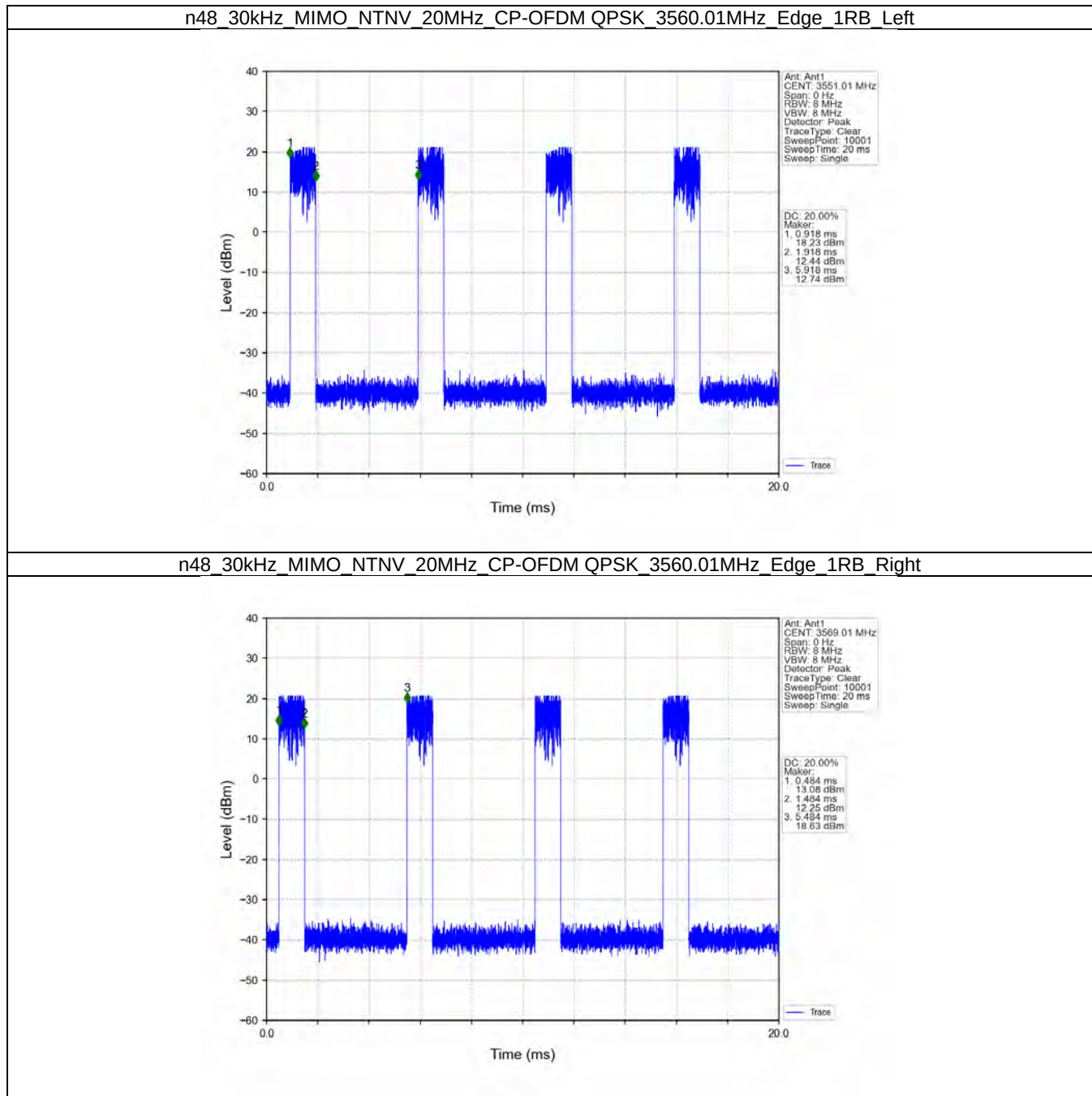
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1.2.2 Test Graph



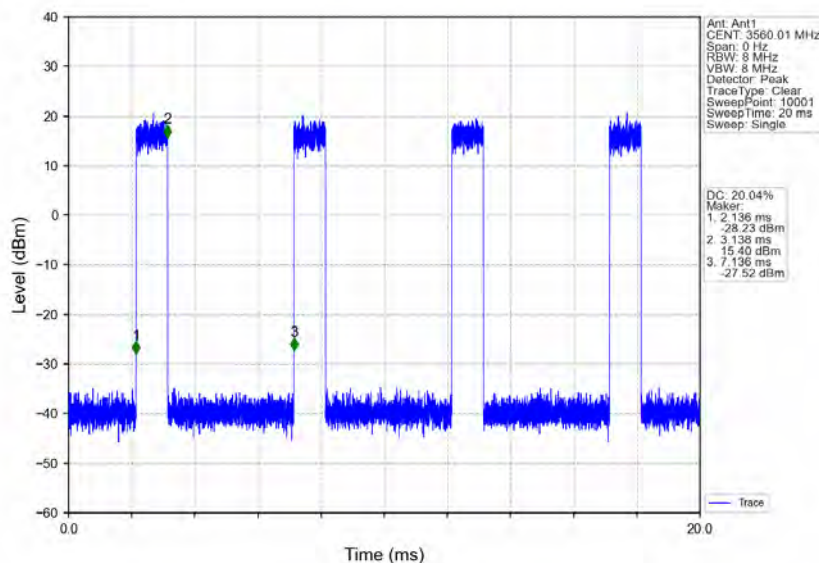
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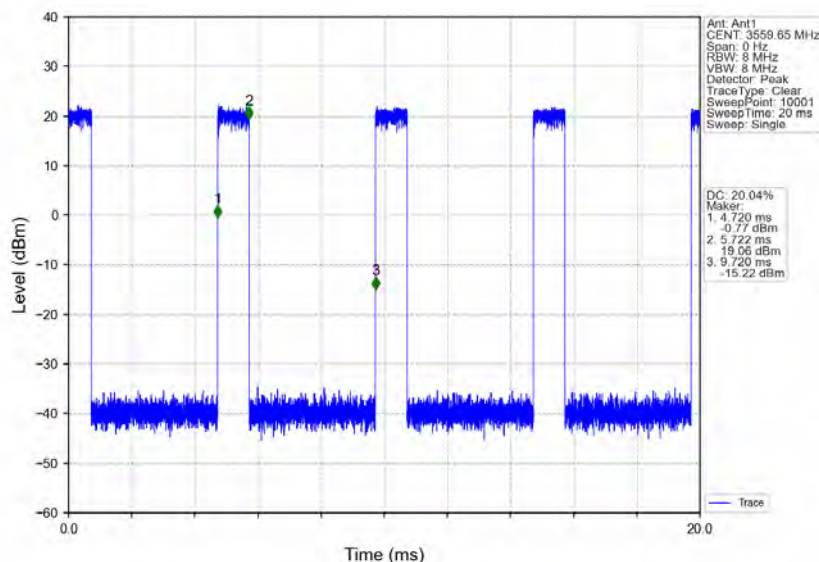
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n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3560.01MHz_Outer_Full



n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3560.01MHz_Inner_Full



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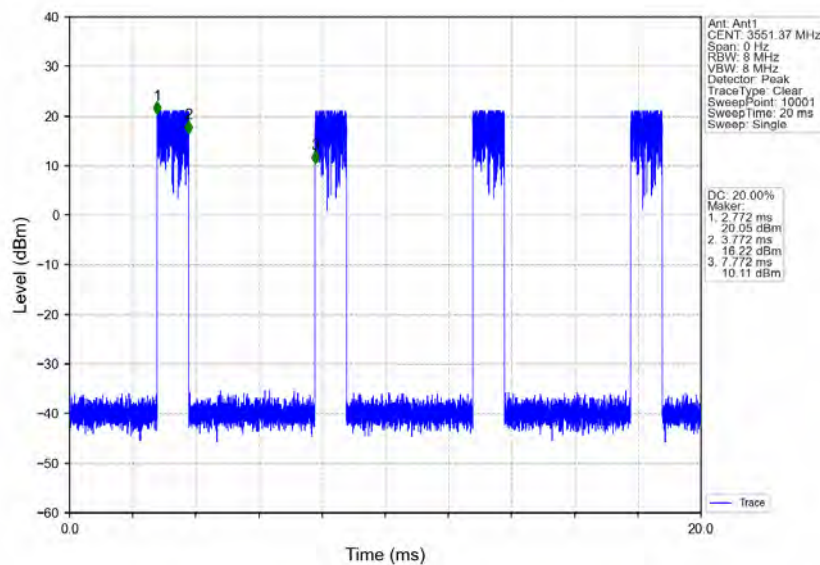
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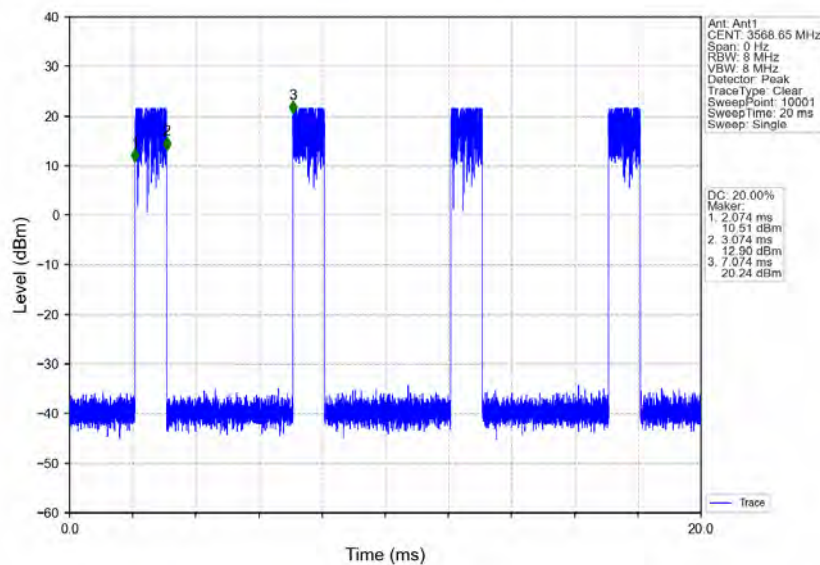
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n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3560.01MHz_Inner_1RB_Left



n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3560.01MHz_Inner_1RB_Right



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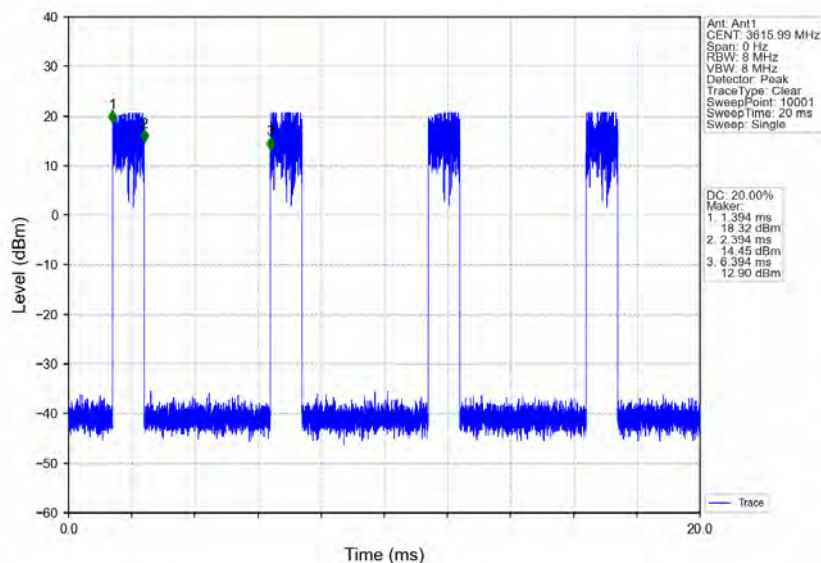
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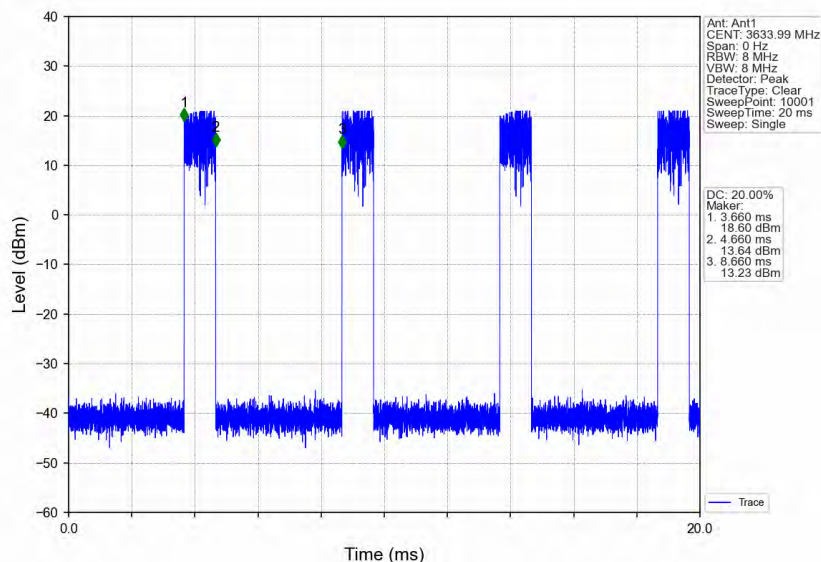
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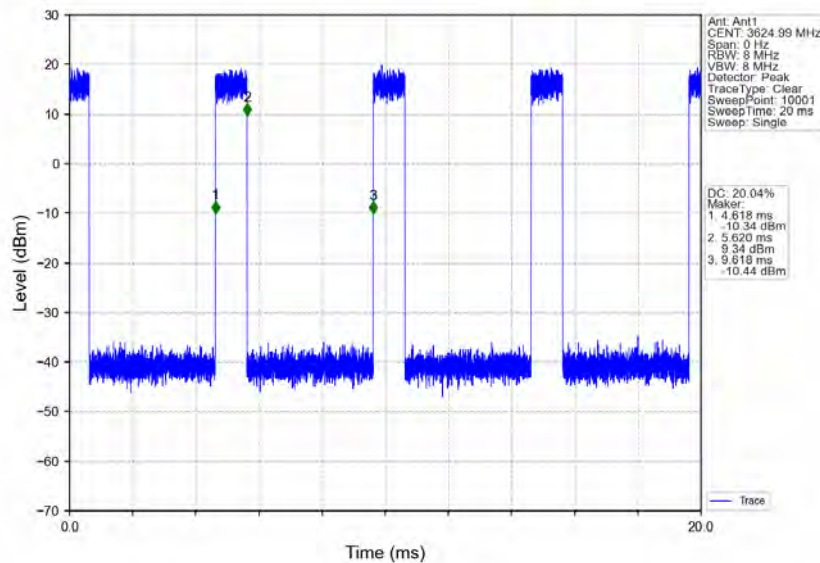
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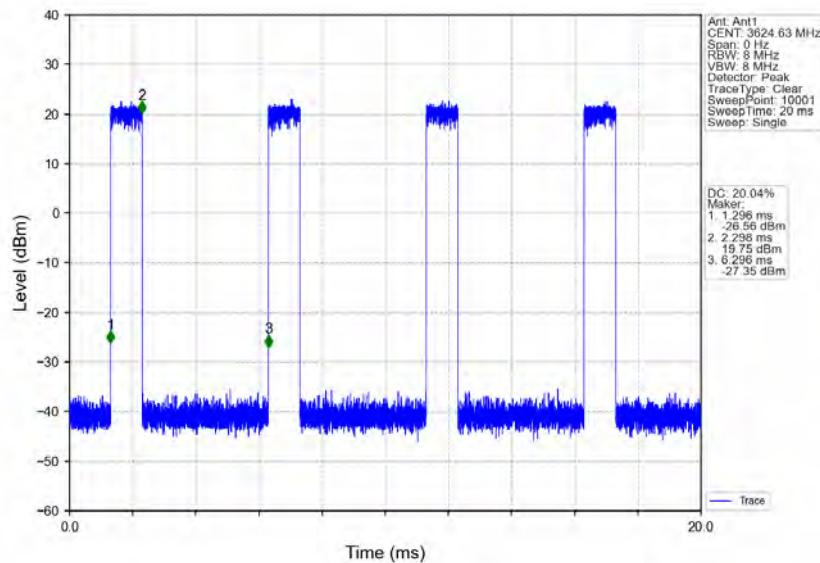
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n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3624.99MHz_Outer_Full



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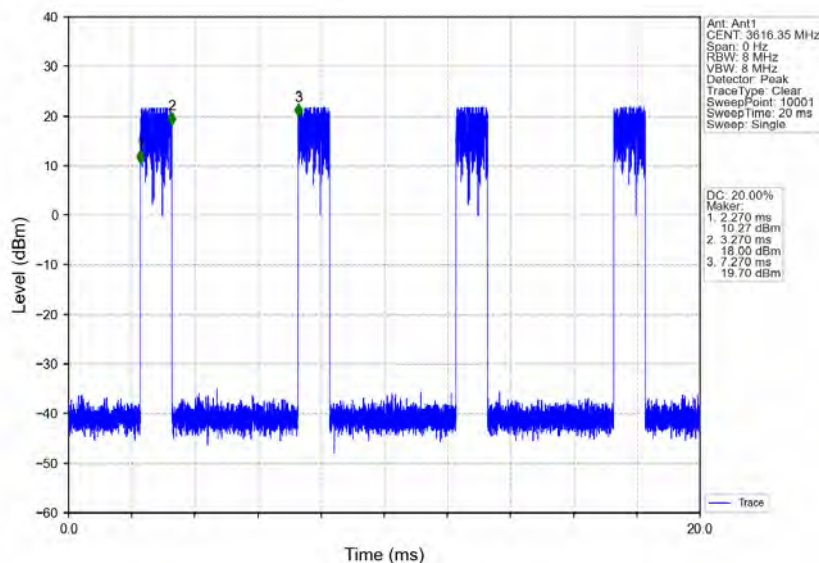
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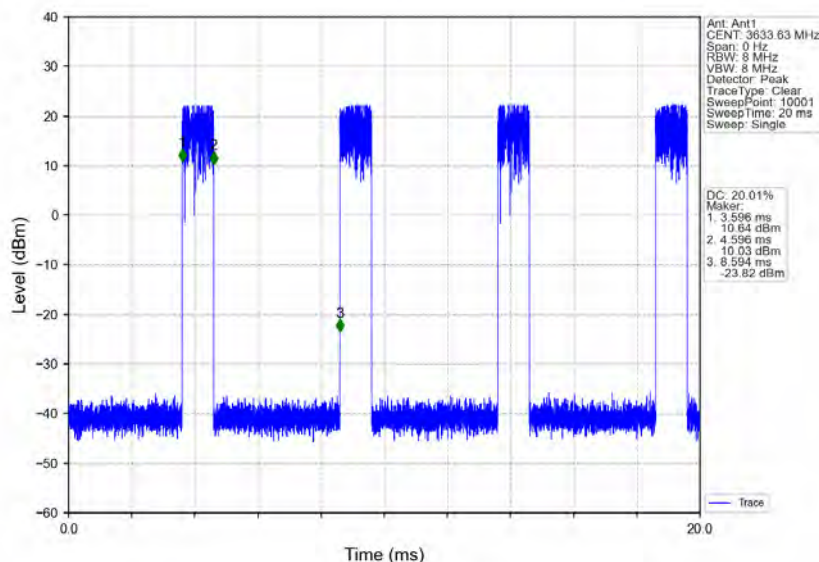
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n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3624.99MHz_Inner_1RB_Left



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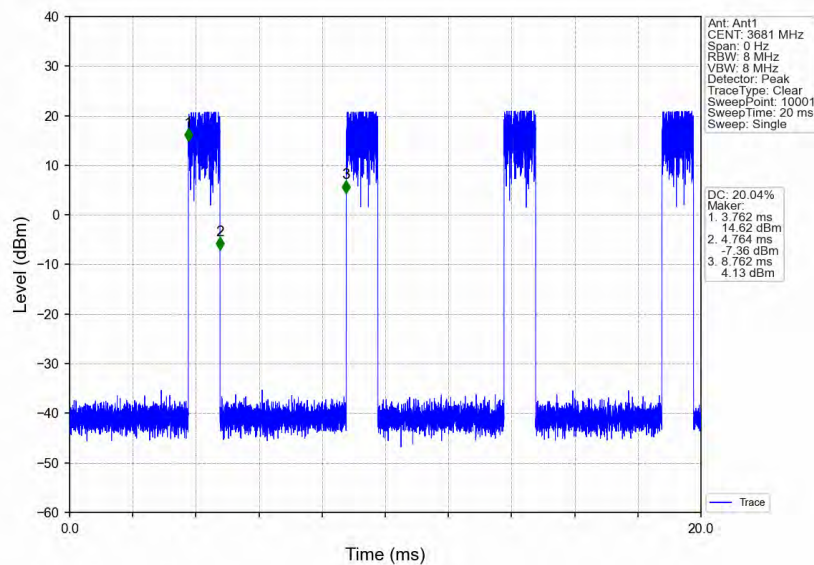
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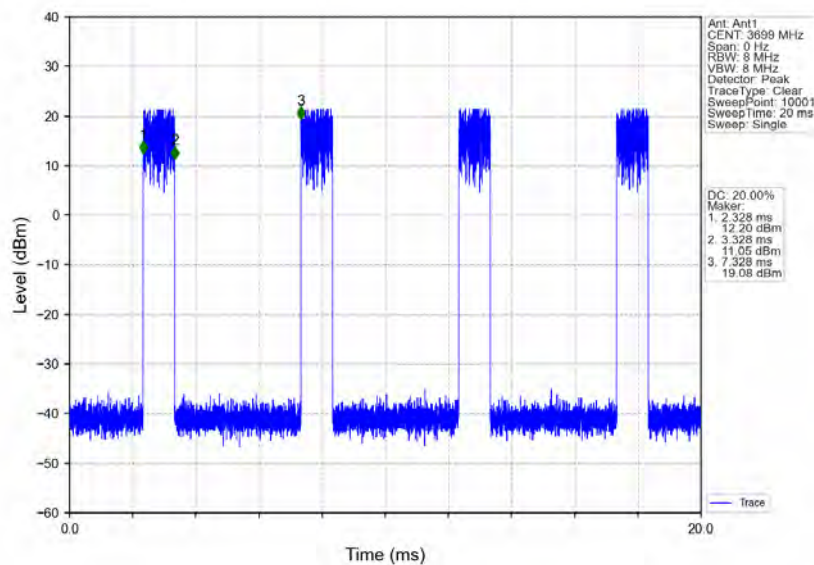
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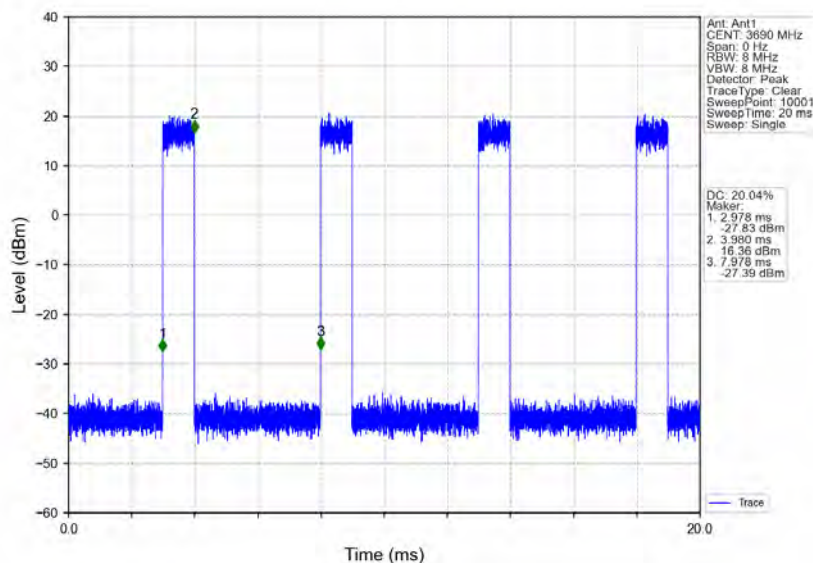
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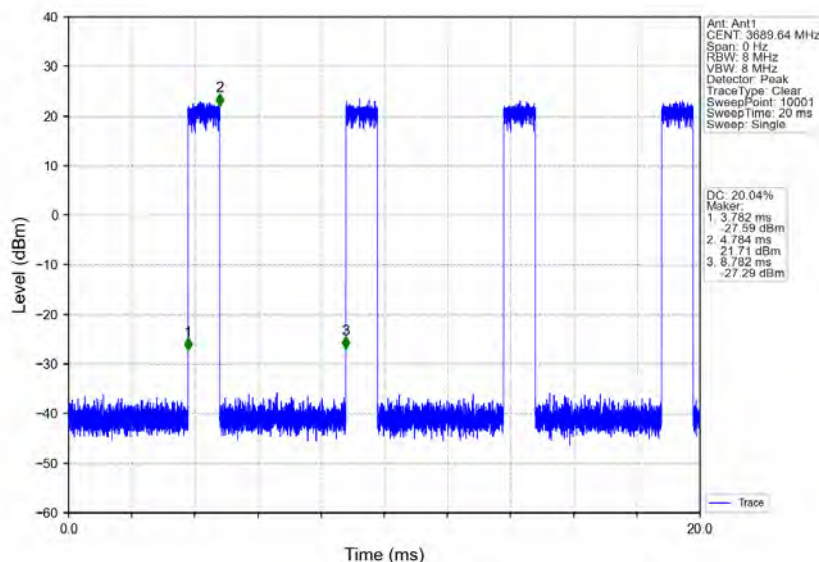
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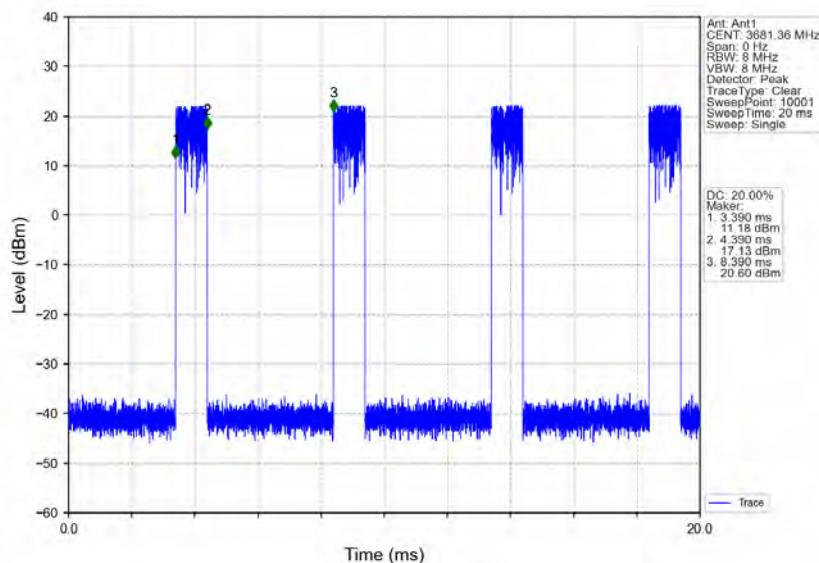
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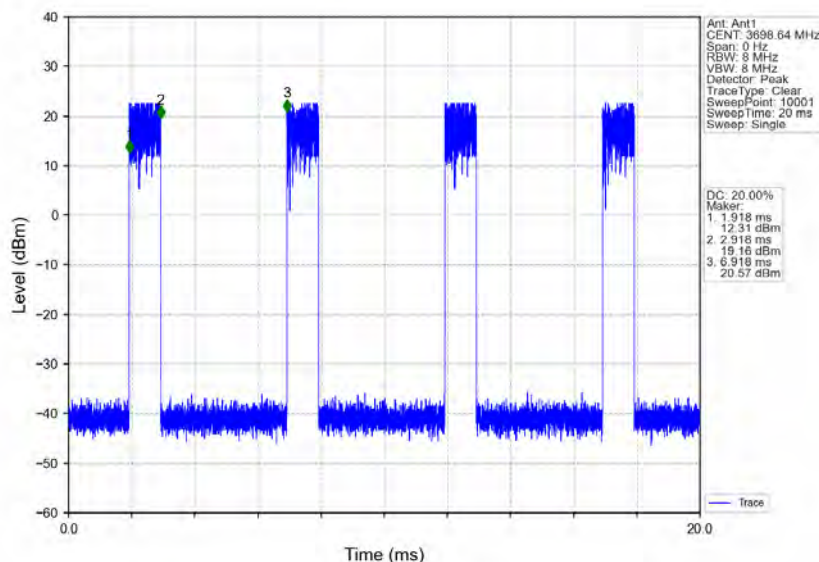
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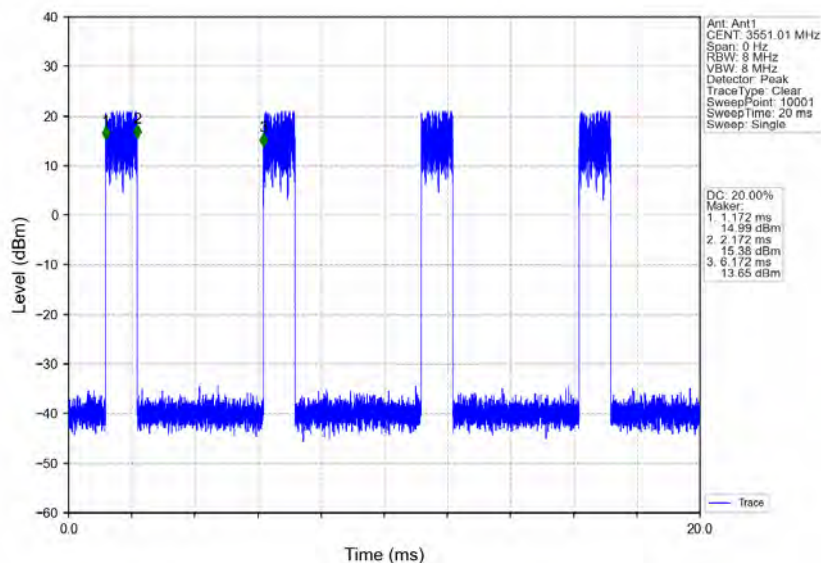
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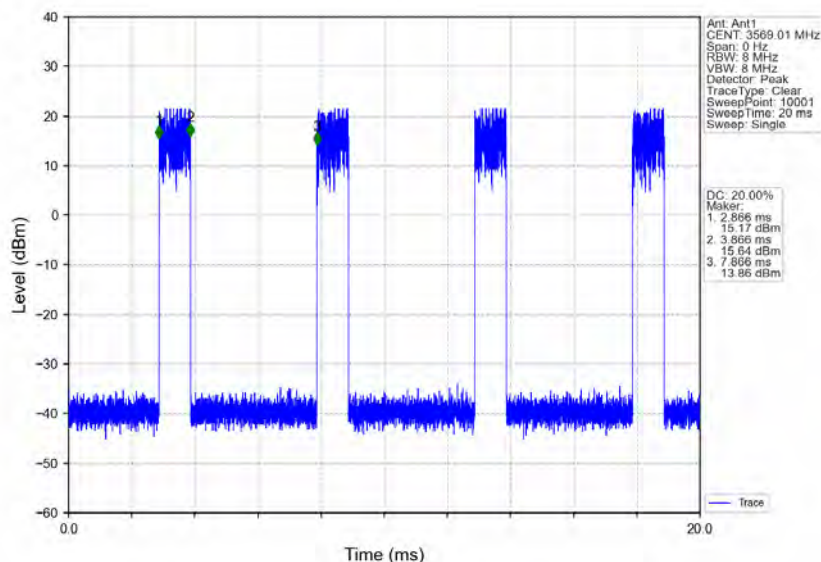
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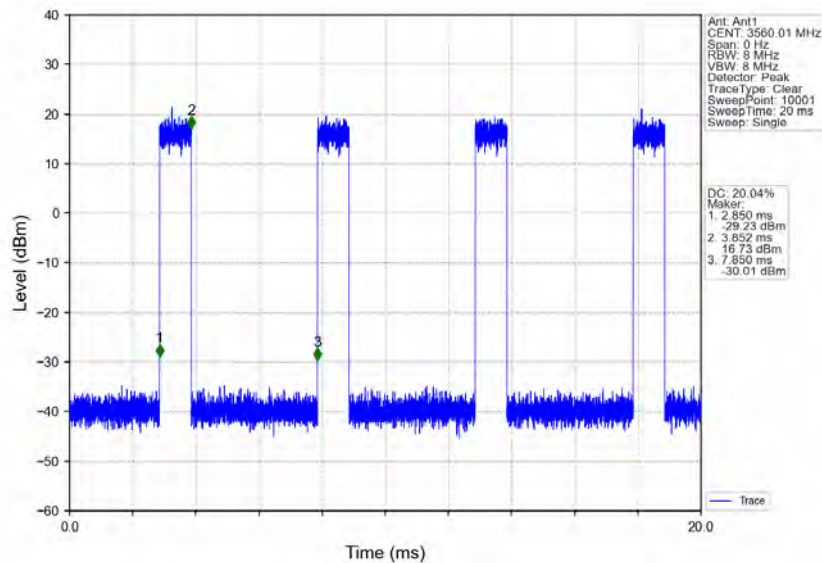
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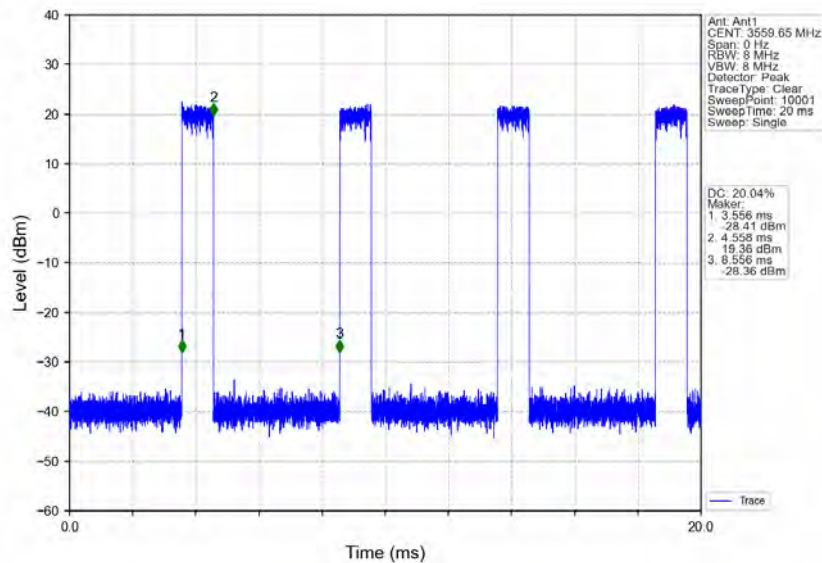
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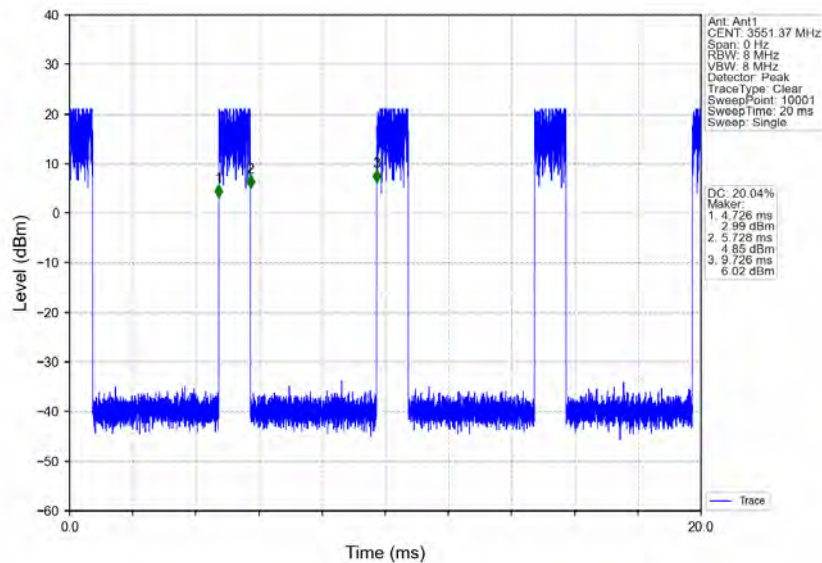
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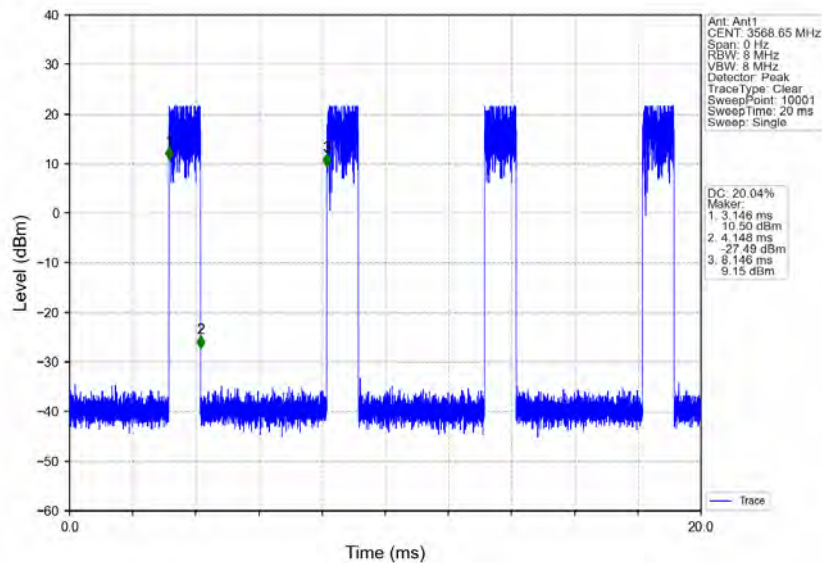
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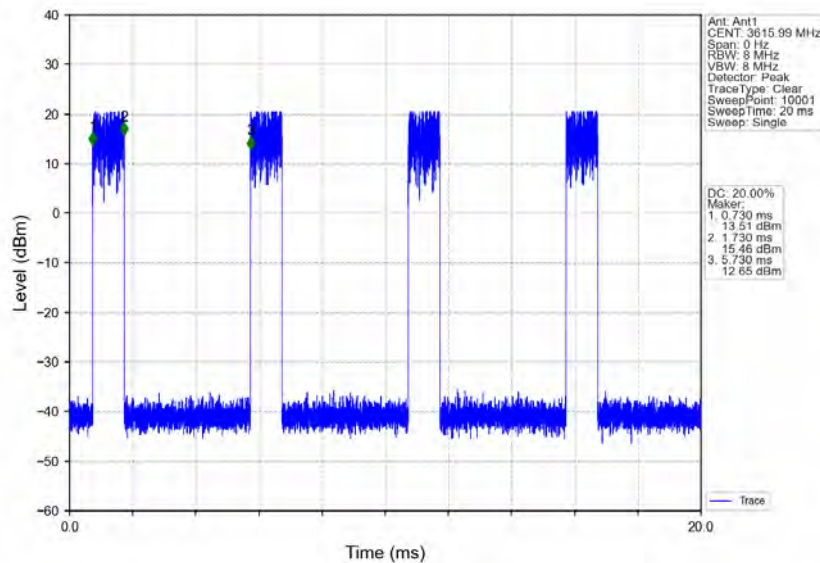
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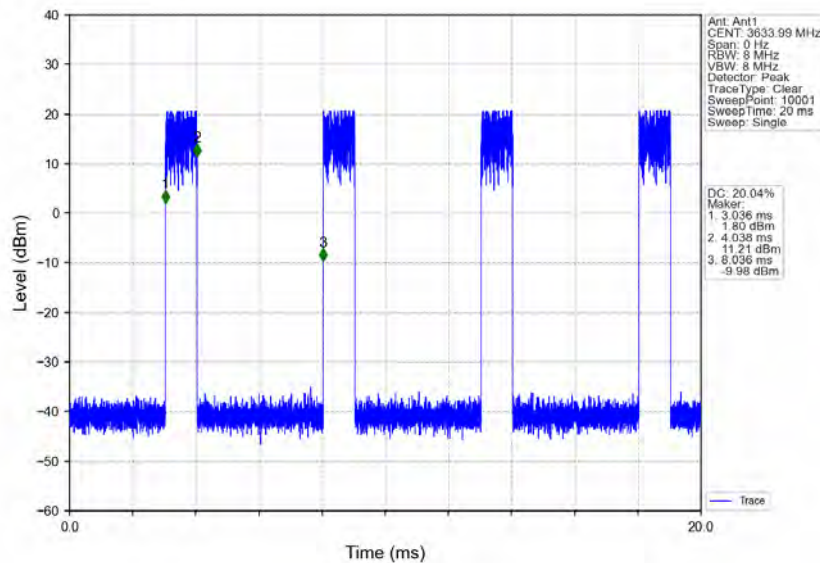
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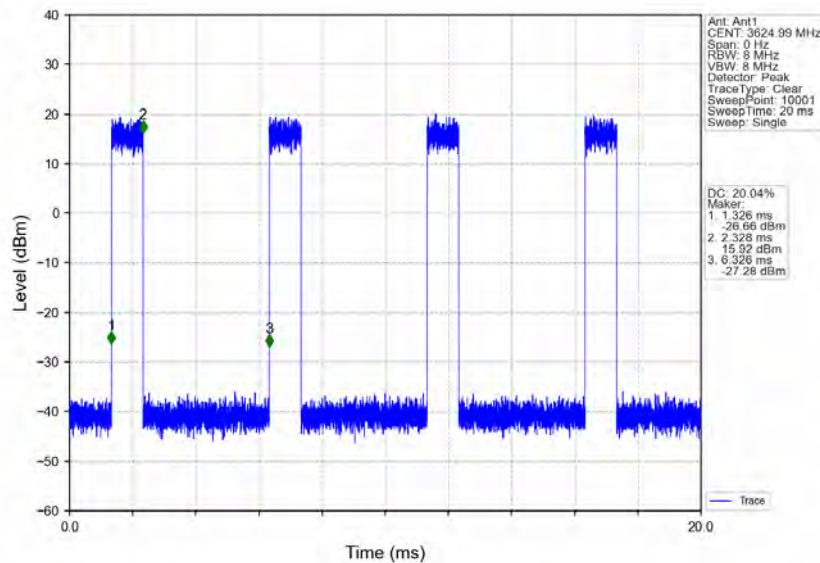
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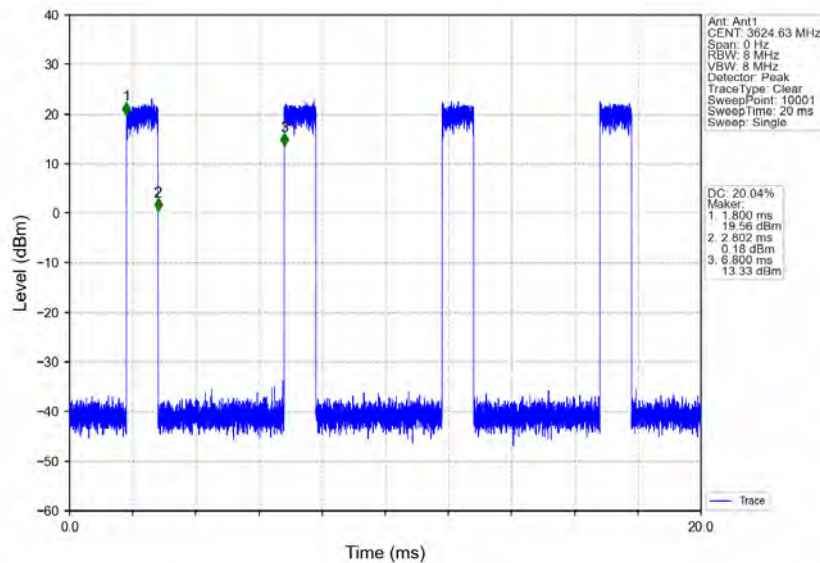
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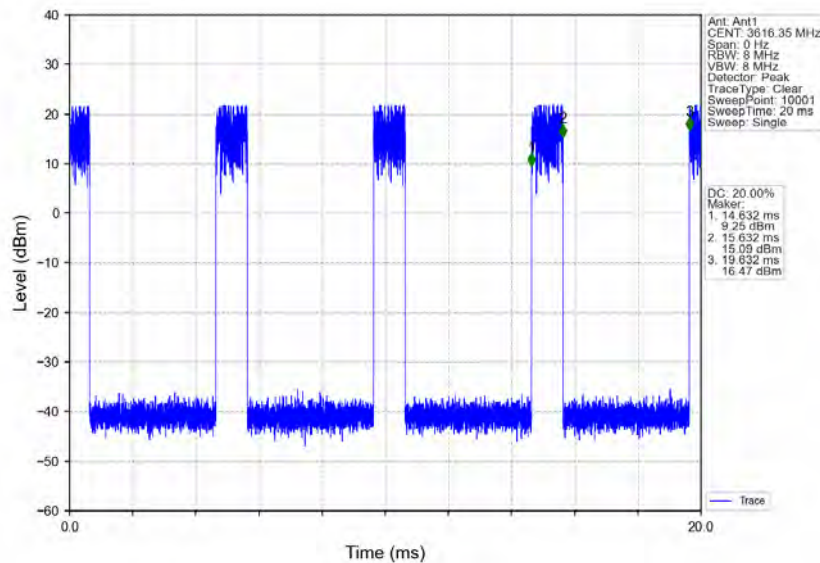
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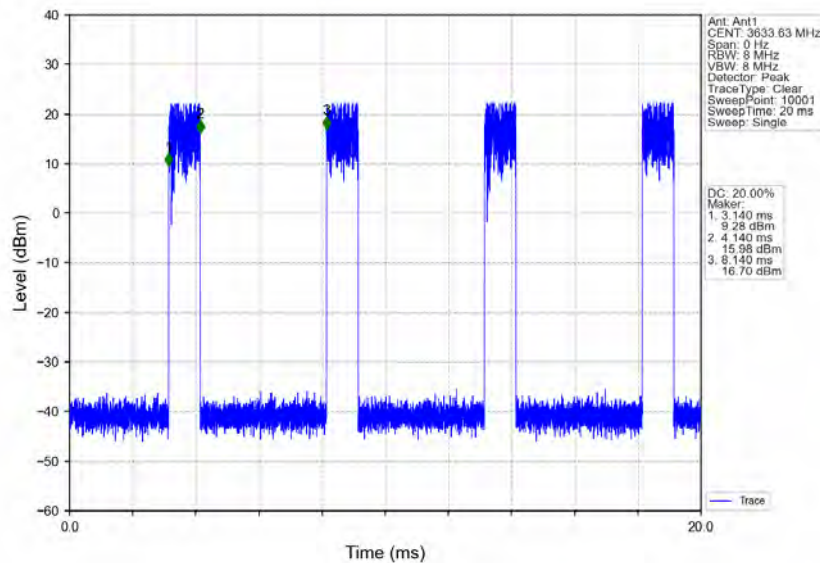
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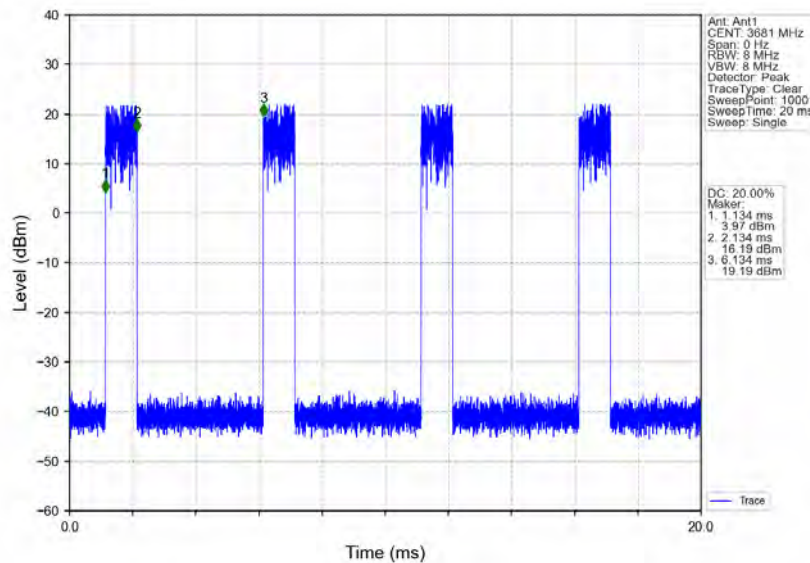
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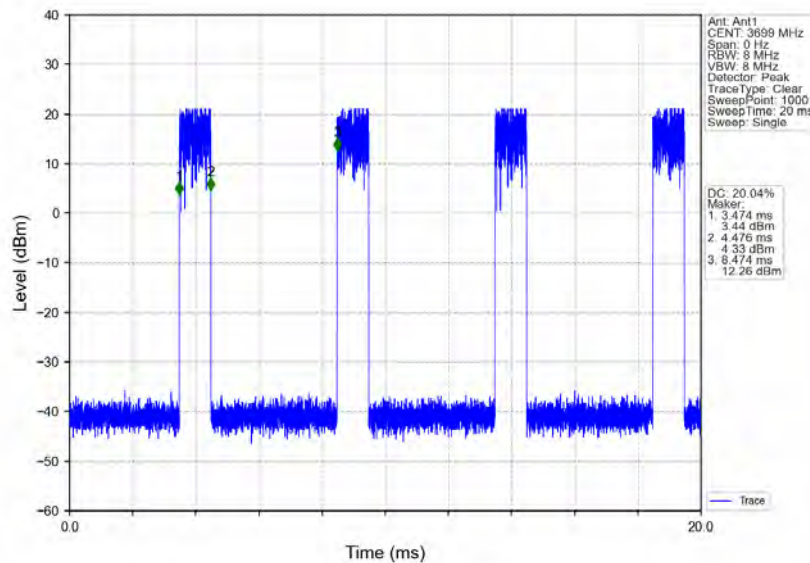
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n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_16_QAM_3690MHz_Edge_1RB_Left



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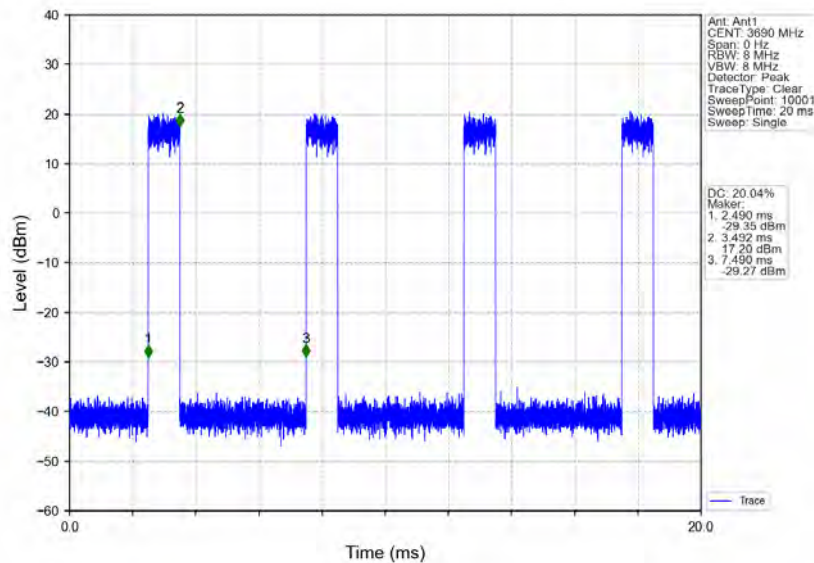
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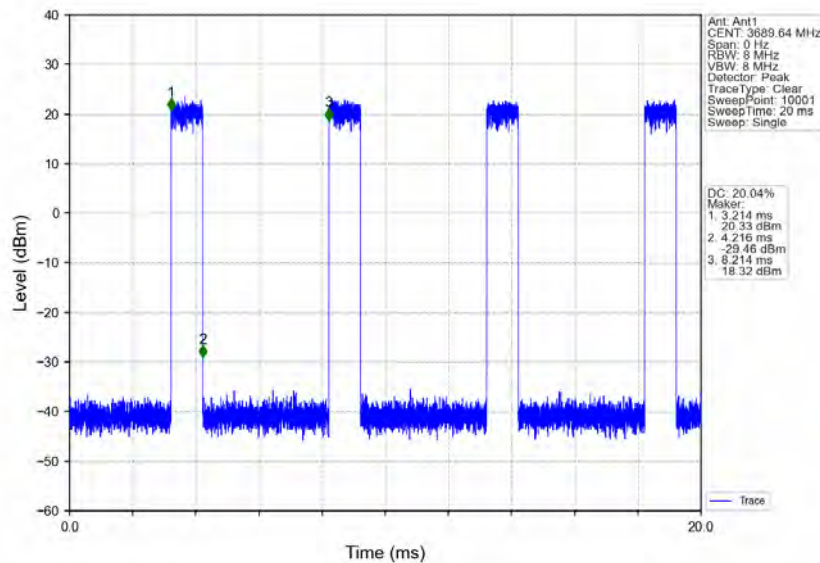
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n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_16_QAM_3690MHz_Outer_Full



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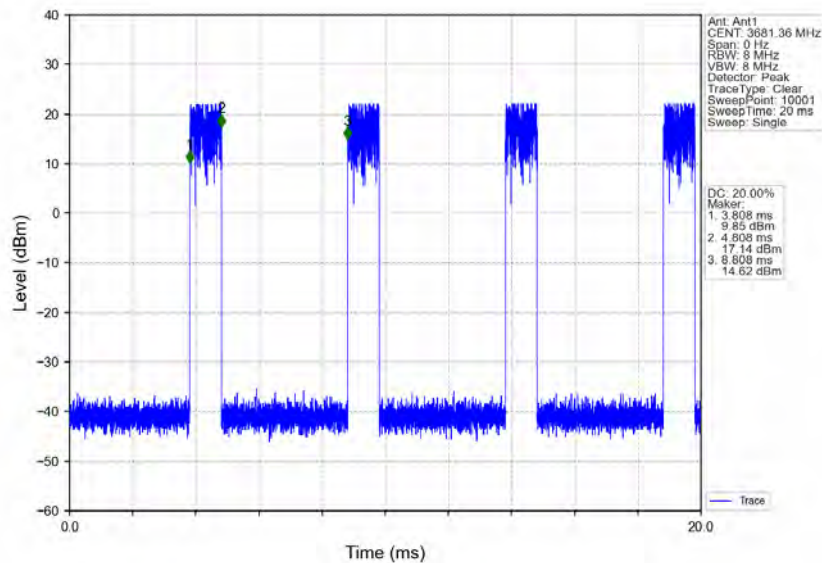
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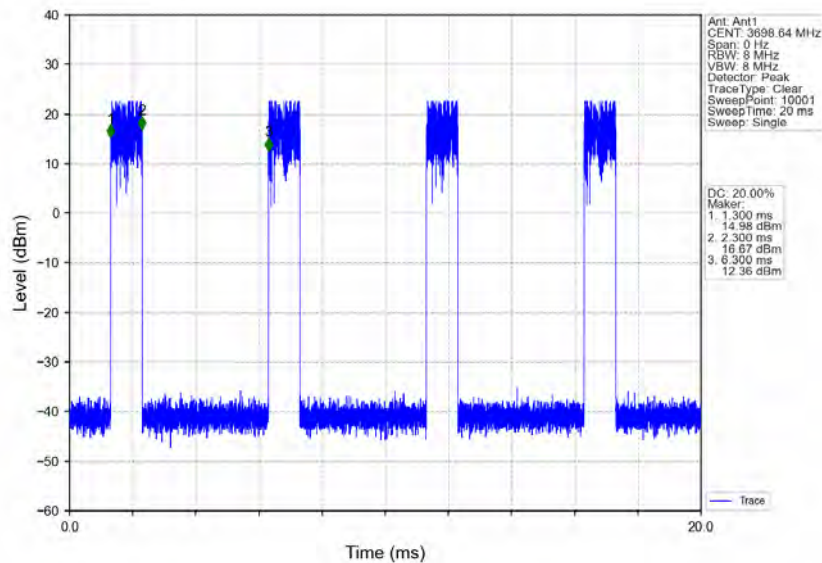
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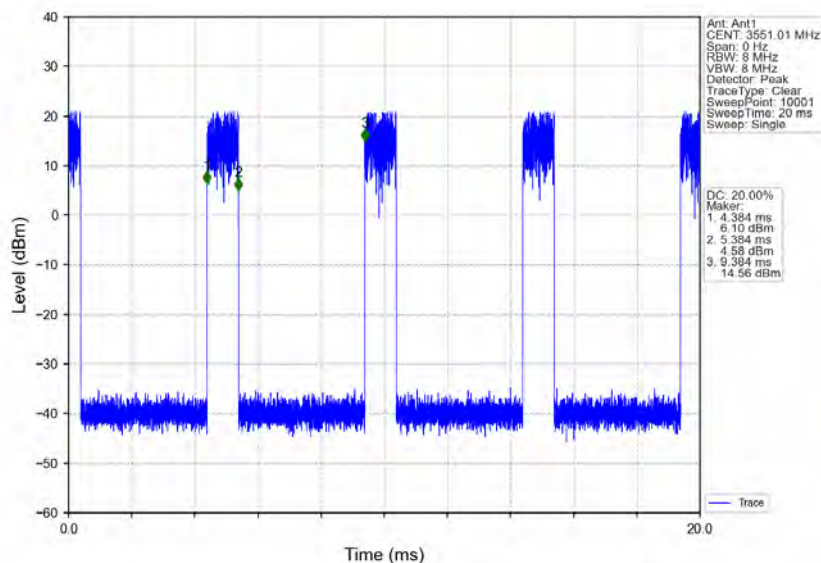
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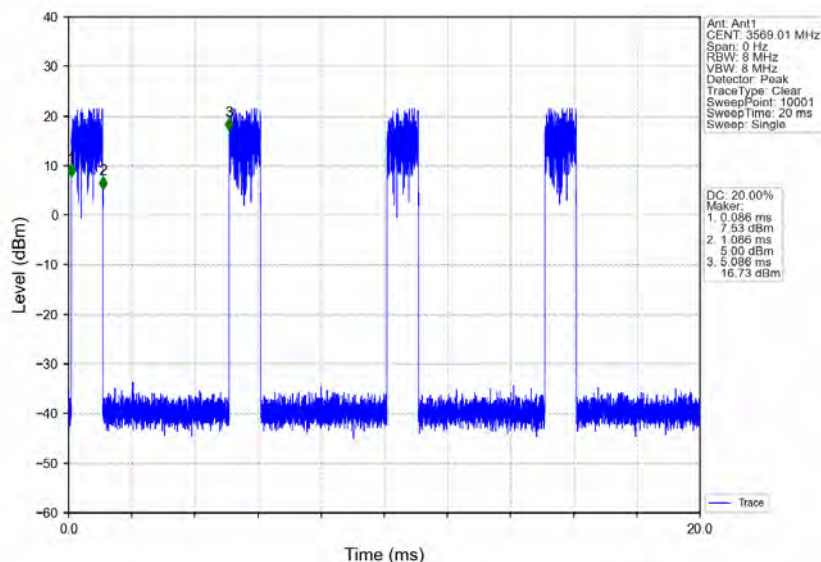
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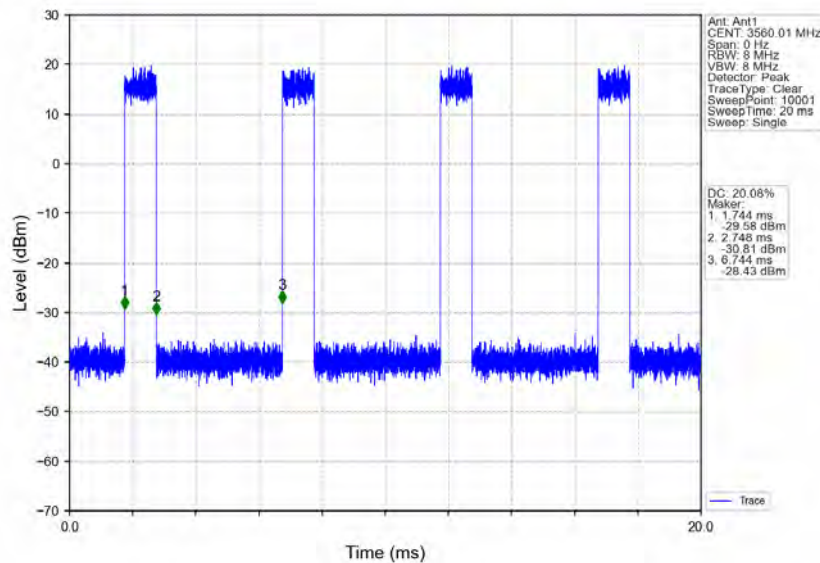
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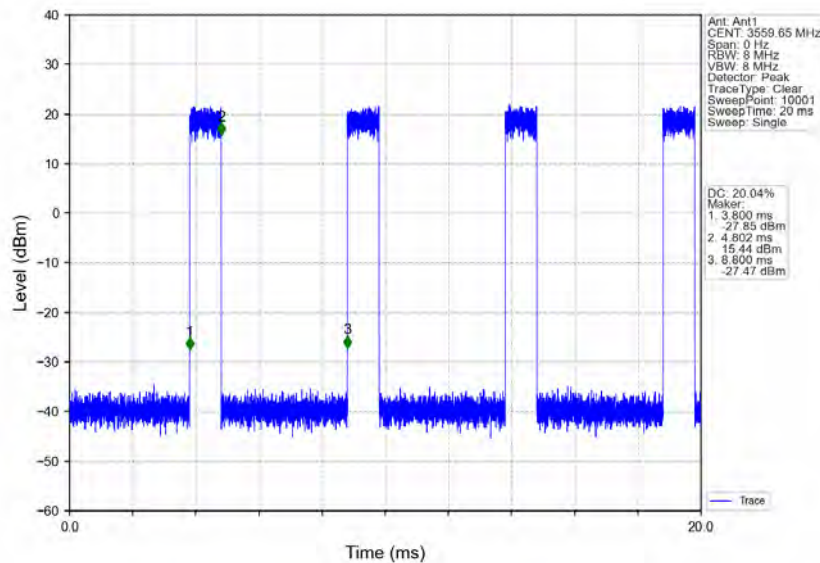
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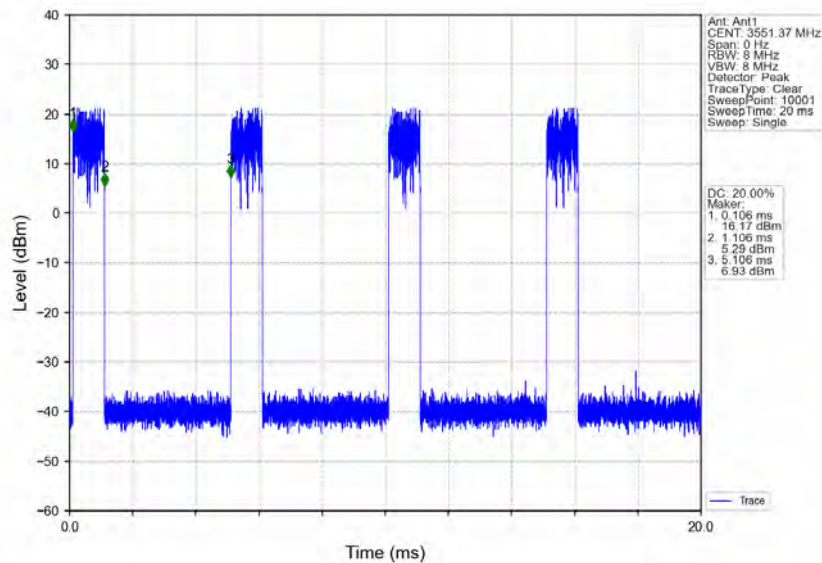
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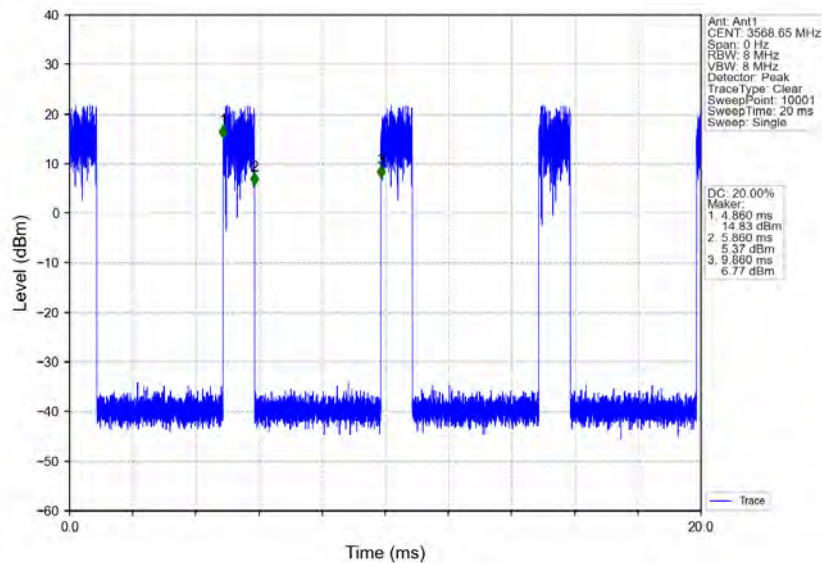
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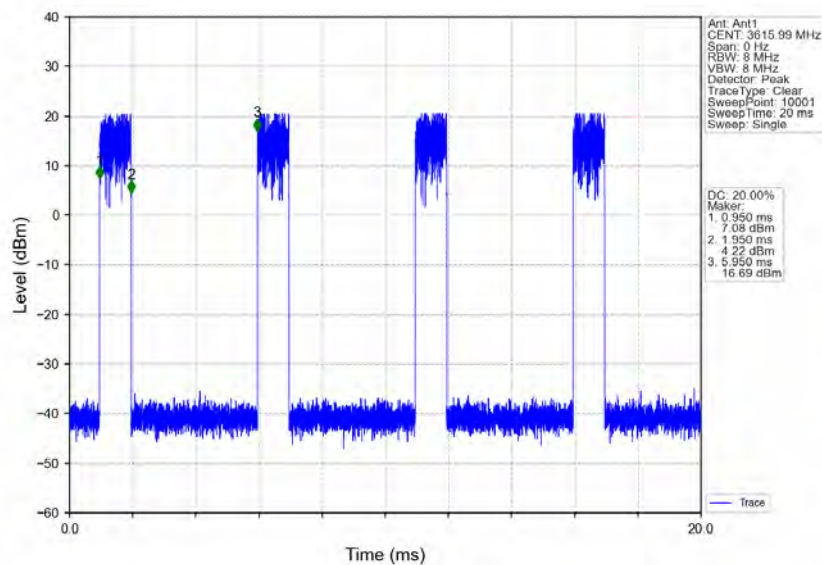
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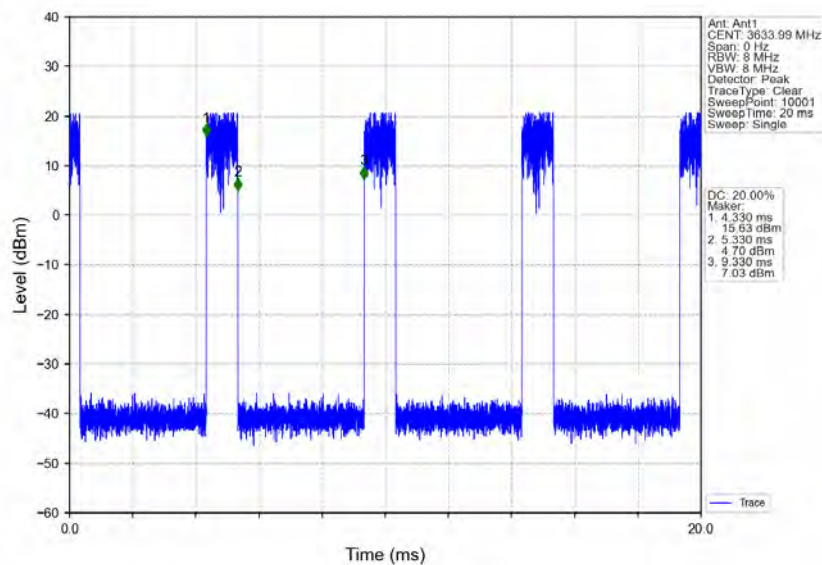
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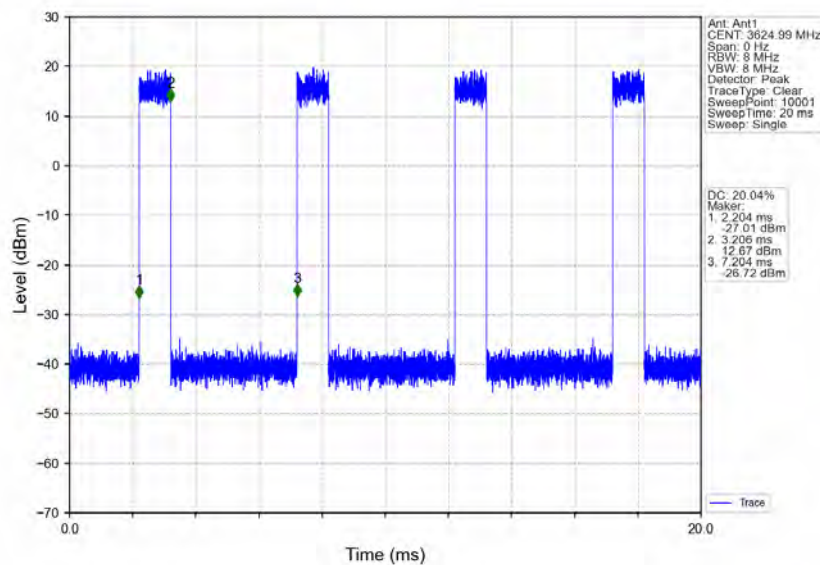
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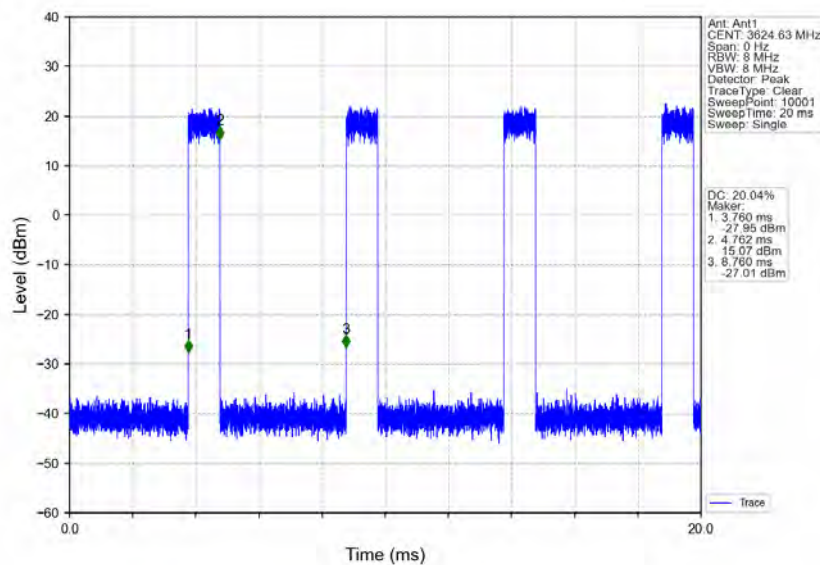
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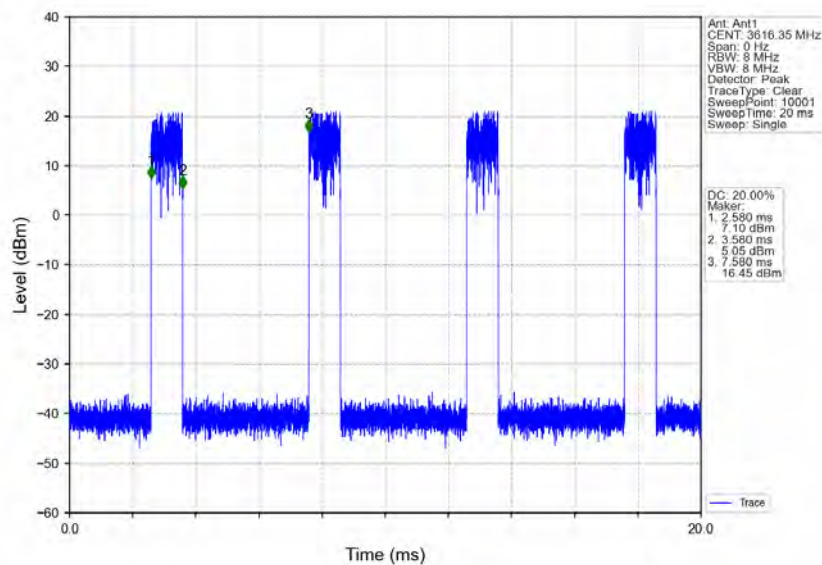
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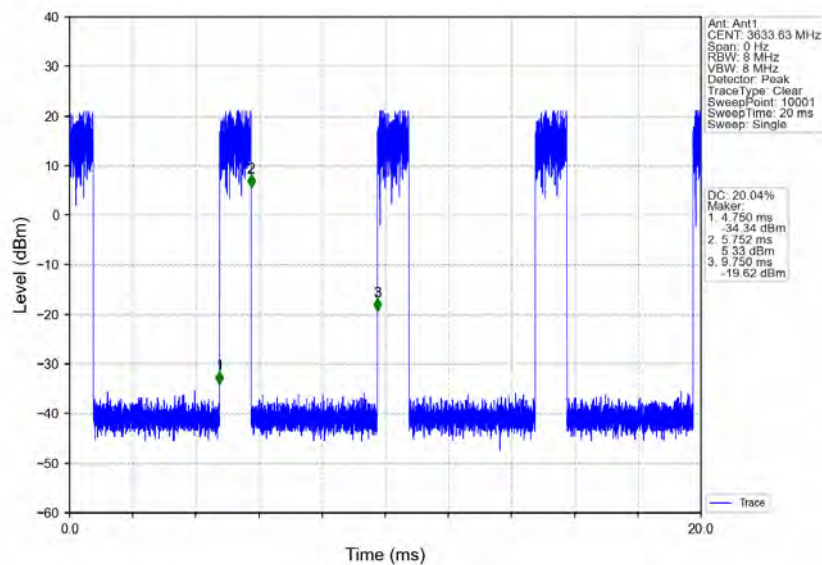
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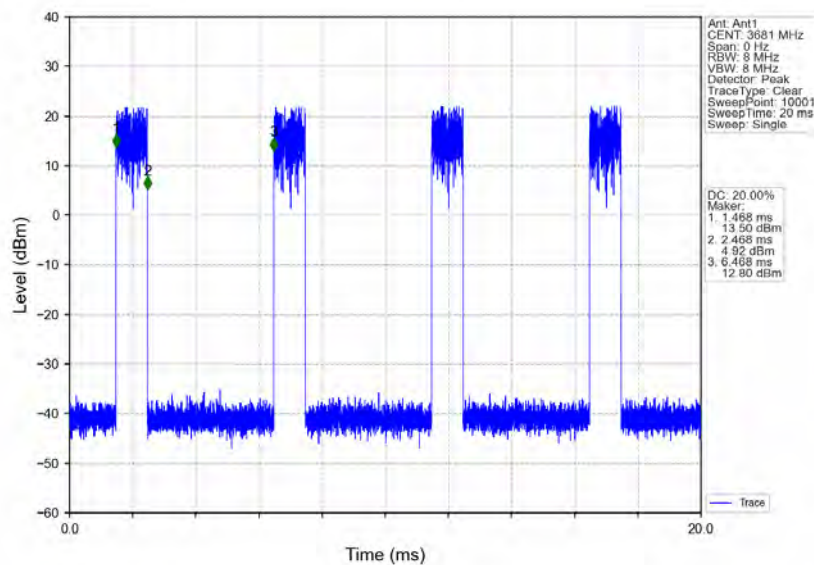
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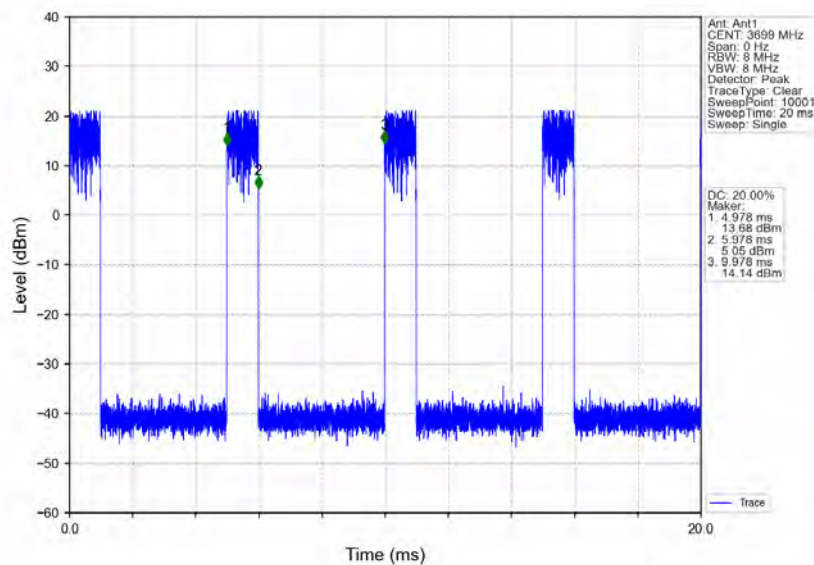
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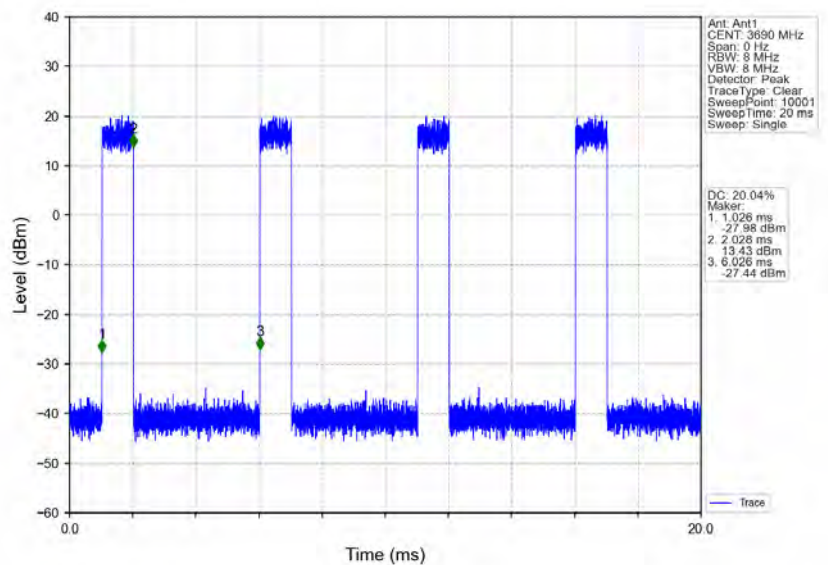
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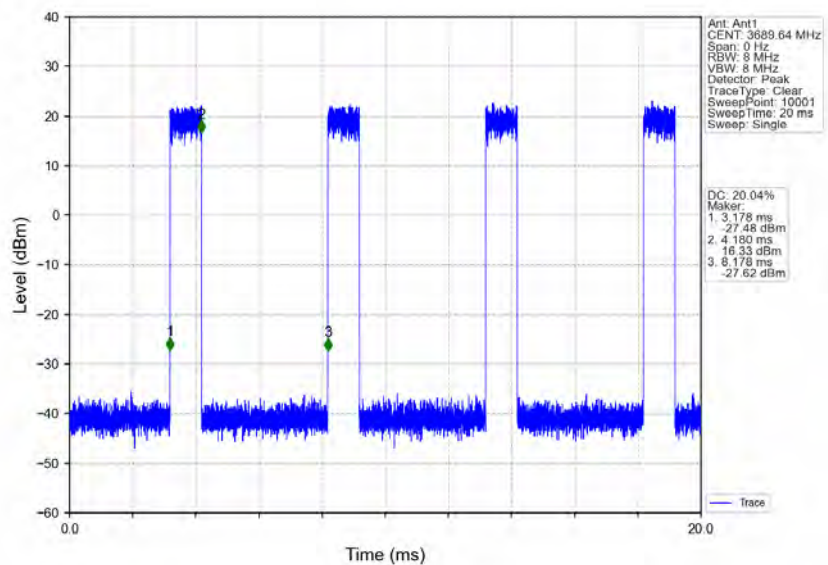
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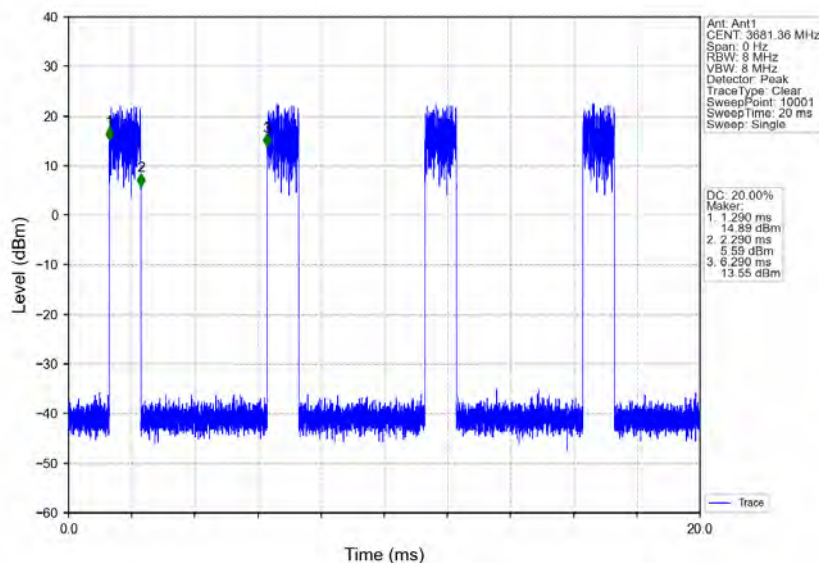
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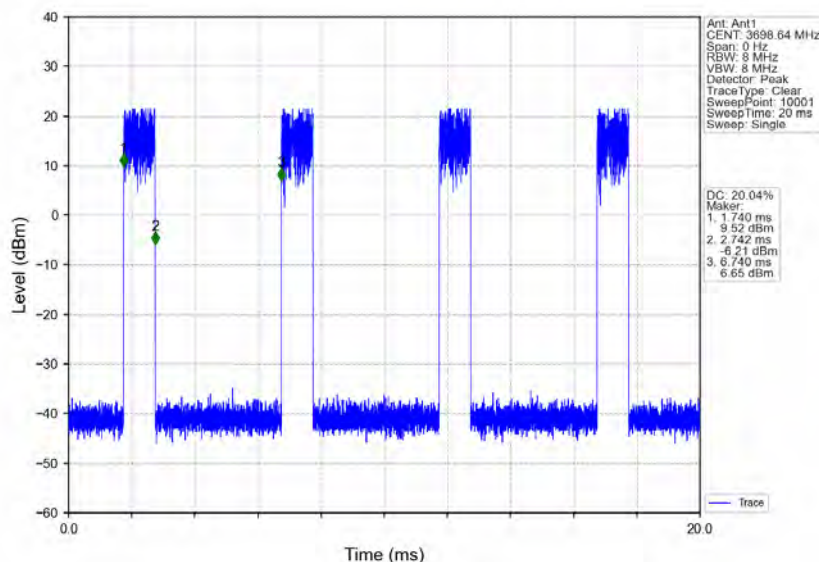
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n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_64_QAM_3690MHz_Inner_1RB_Left



n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_64_QAM_3690MHz_Inner_1RB_Right



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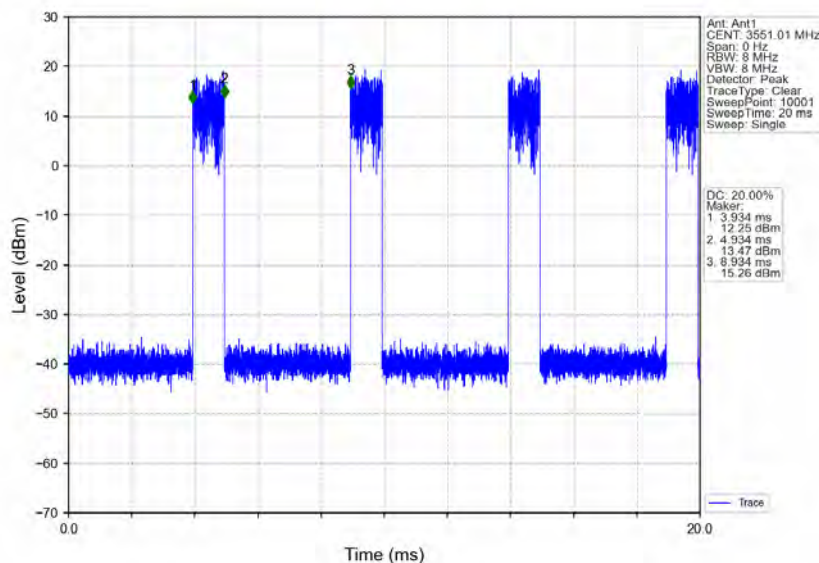
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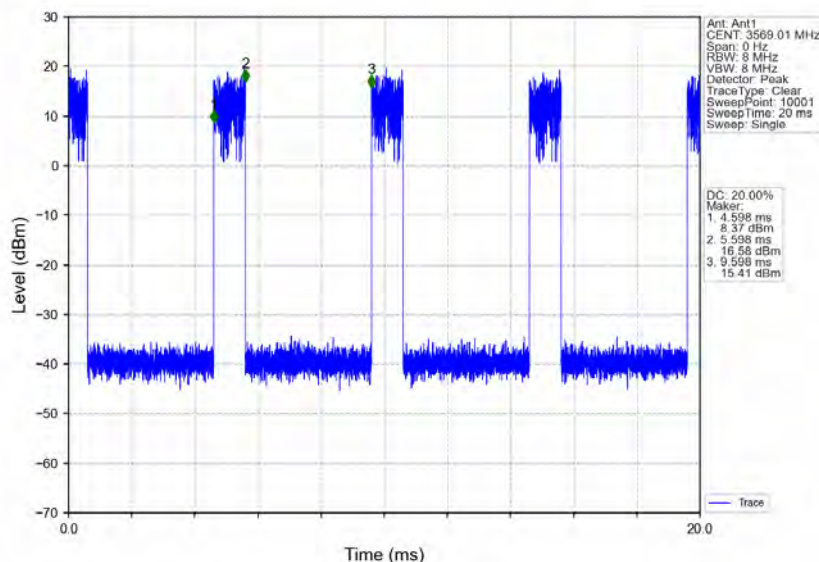
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n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_256_QAM_3560.01MHz_Edge_1RB_Left



n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_256_QAM_3560.01MHz_Edge_1RB_Right



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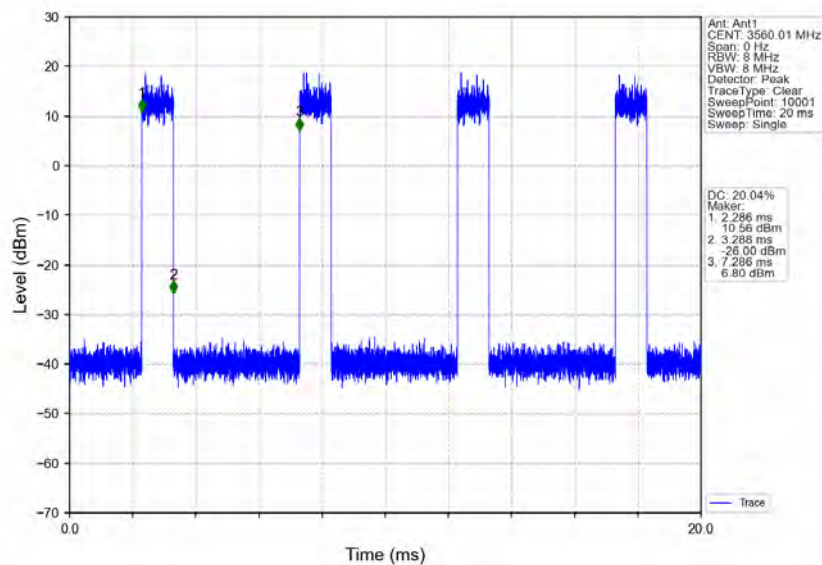
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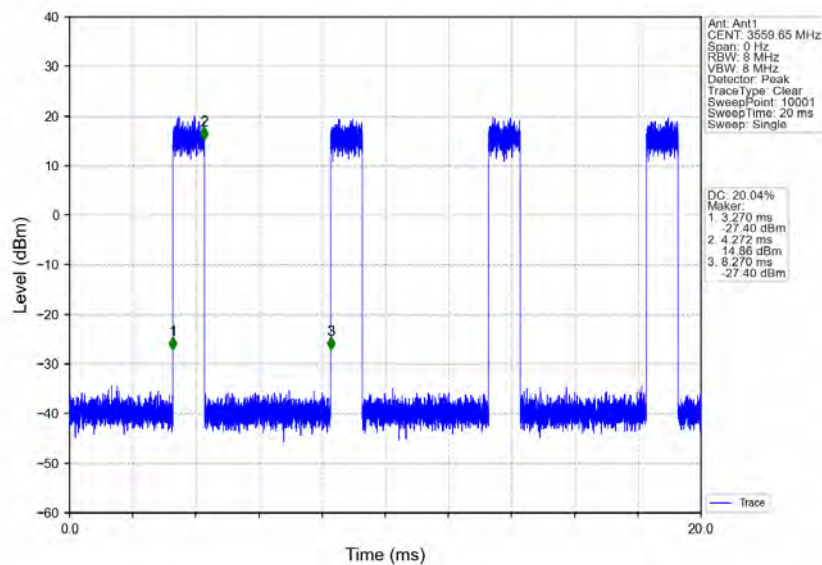
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n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_256_QAM_3560.01MHz_Outer_Full



n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_256_QAM_3560.01MHz_Inner_Full



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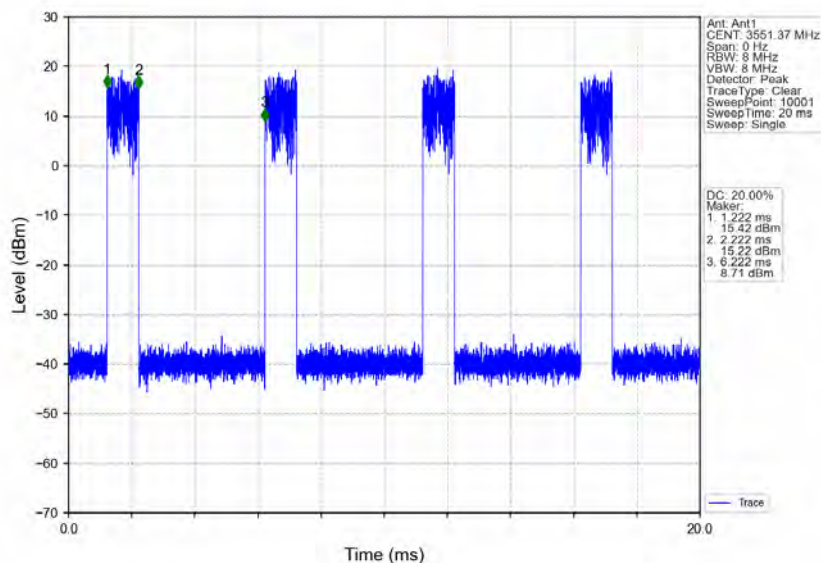
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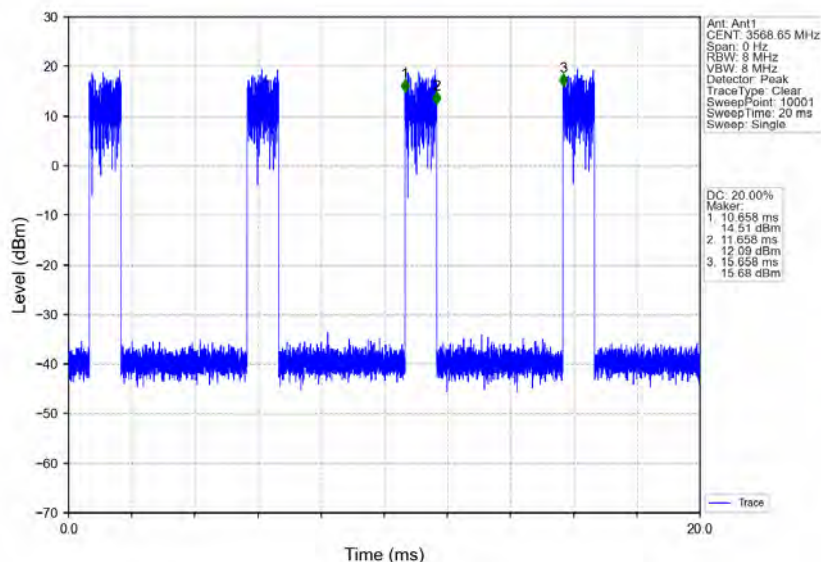
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n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_256_QAM_3560.01MHz_Inner_1RB_Left



n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_256_QAM_3560.01MHz_Inner_1RB_Right



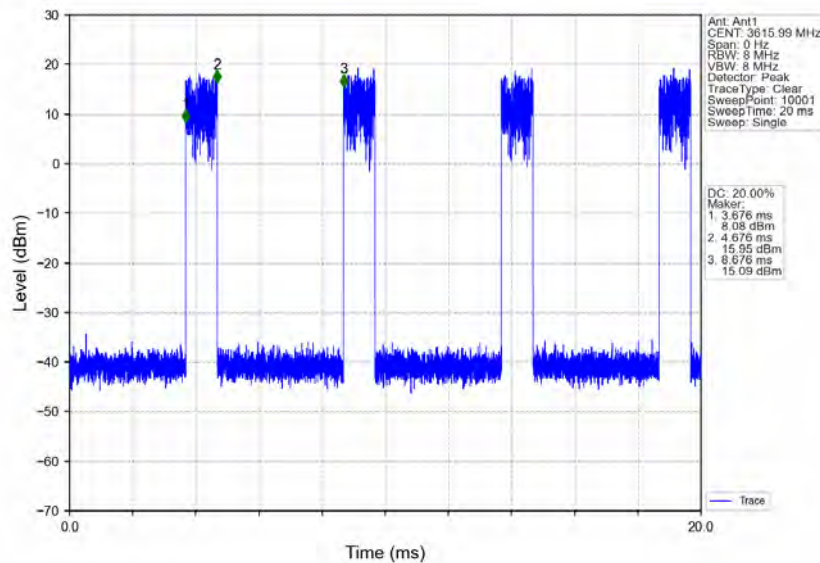
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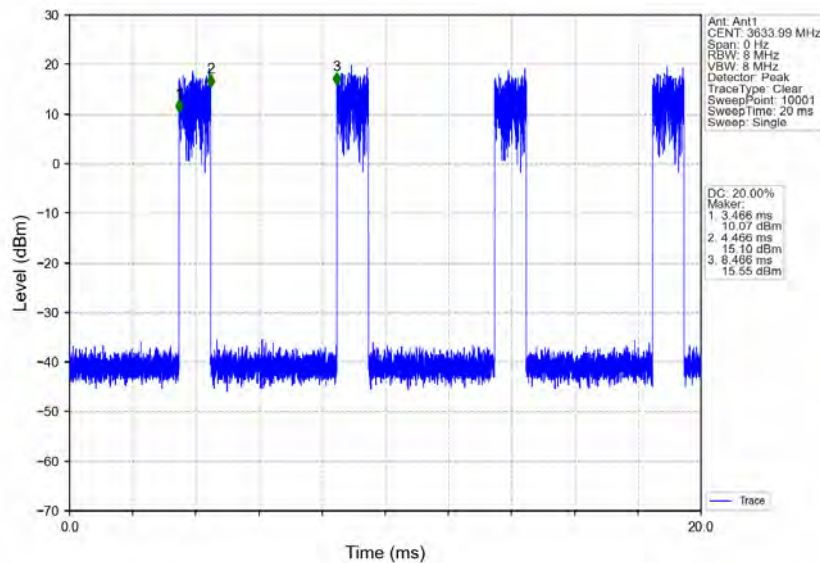
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n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_256_QAM_3624.99MHz_Edge_1RB_Left



n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_256_QAM_3624.99MHz_Edge_1RB_Right



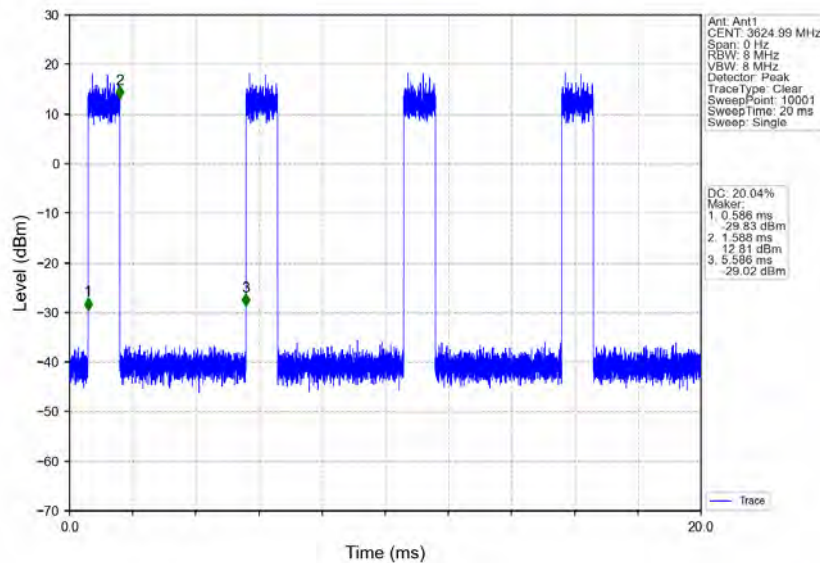
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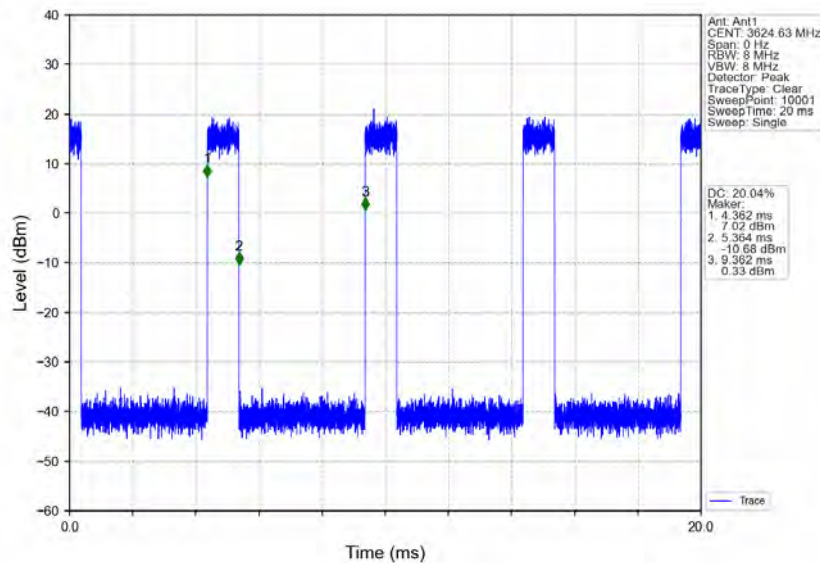
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n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_256_QAM_3624.99MHz_Outer_Full



n48_30kHz_MIMO_NTNV_20MHz_CP-OFDM_256_QAM_3624.99MHz_Inner_Full



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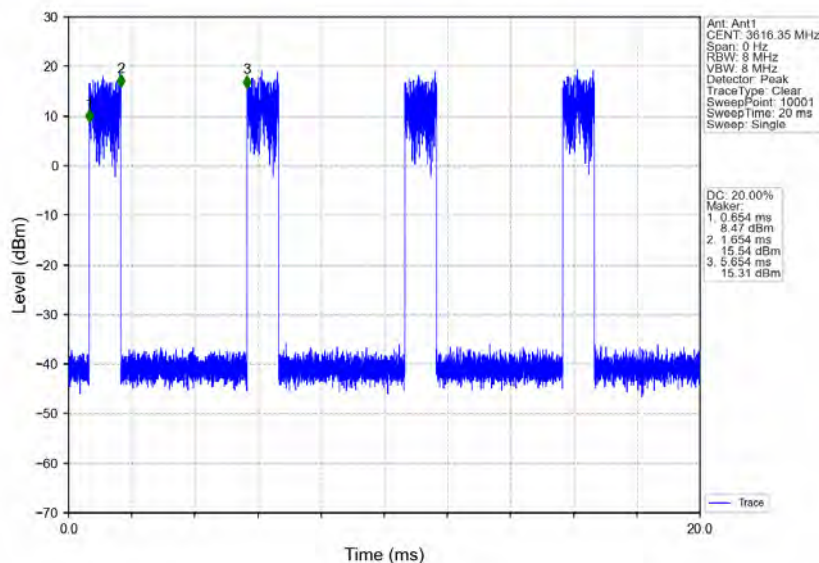
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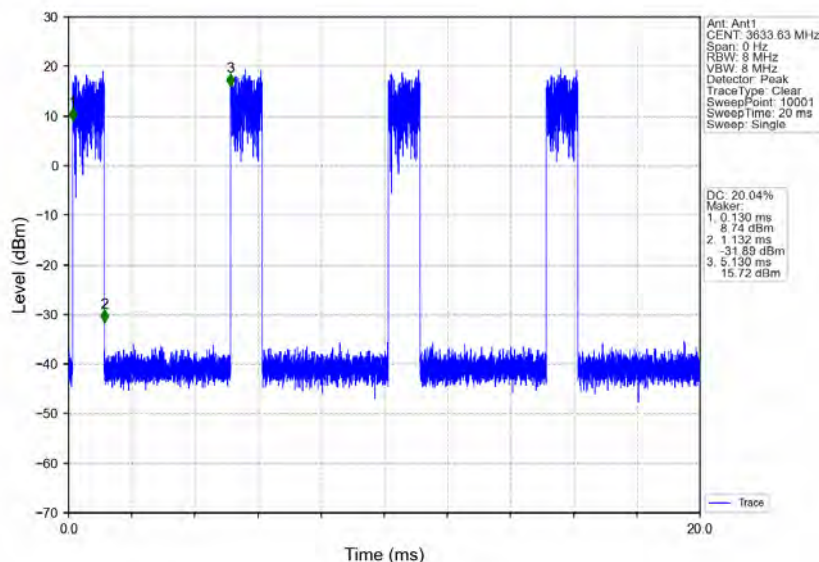
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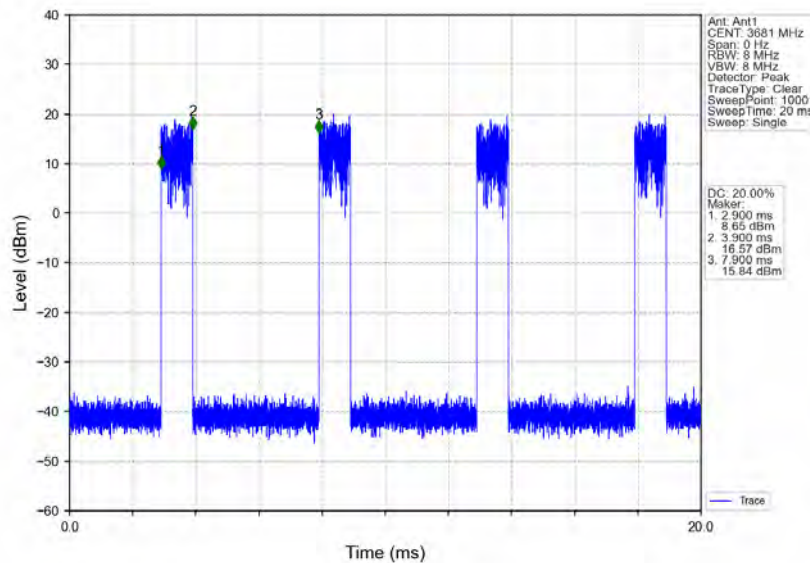
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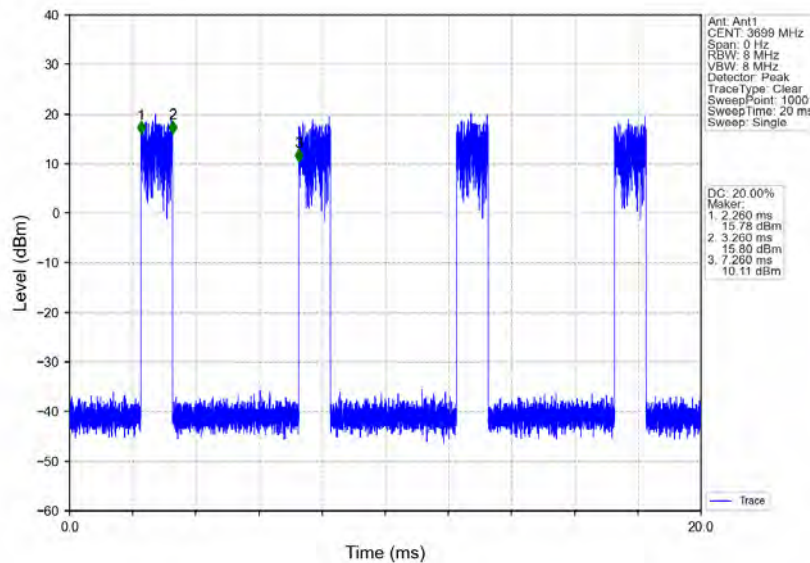
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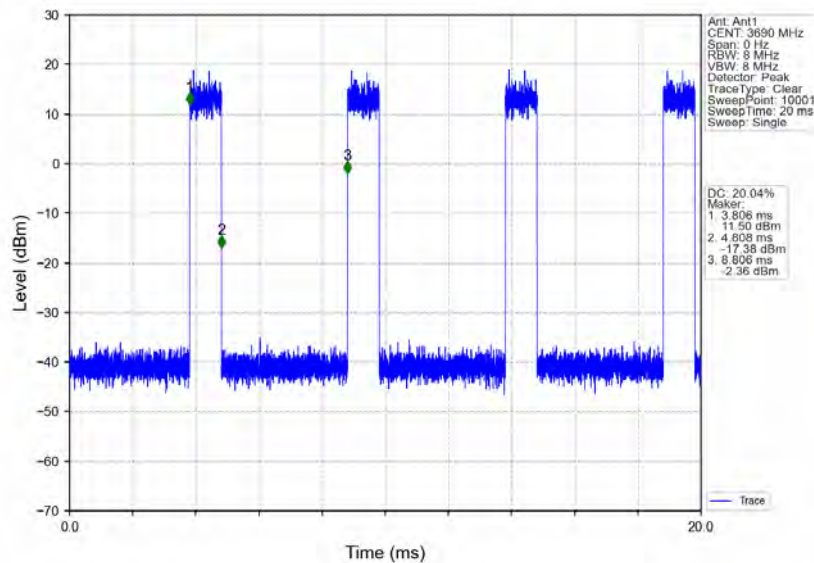
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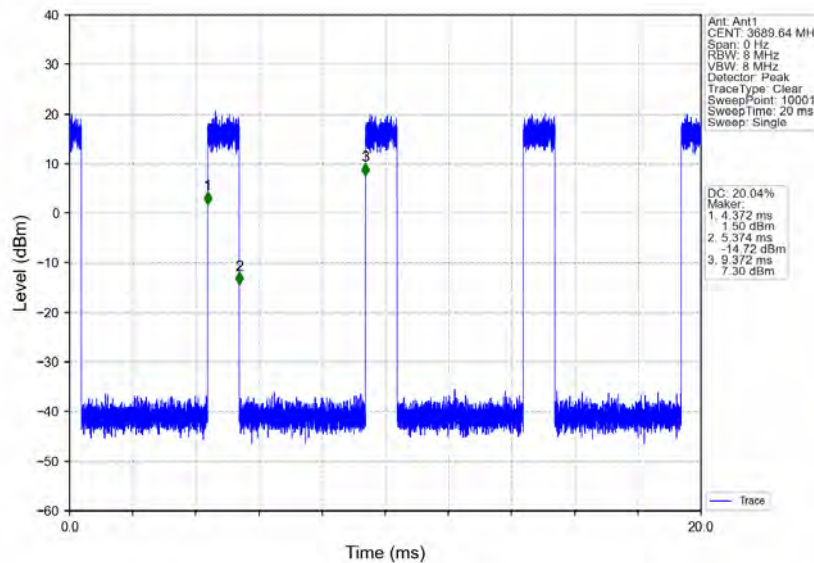
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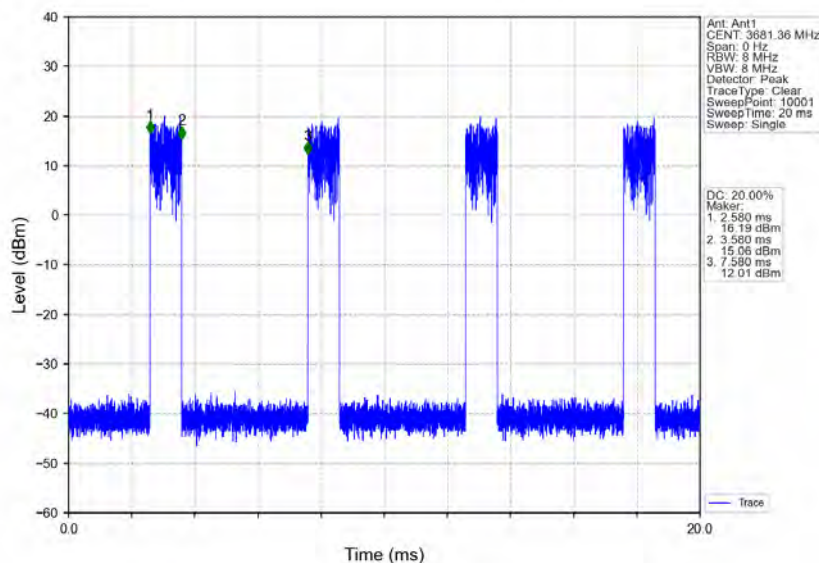
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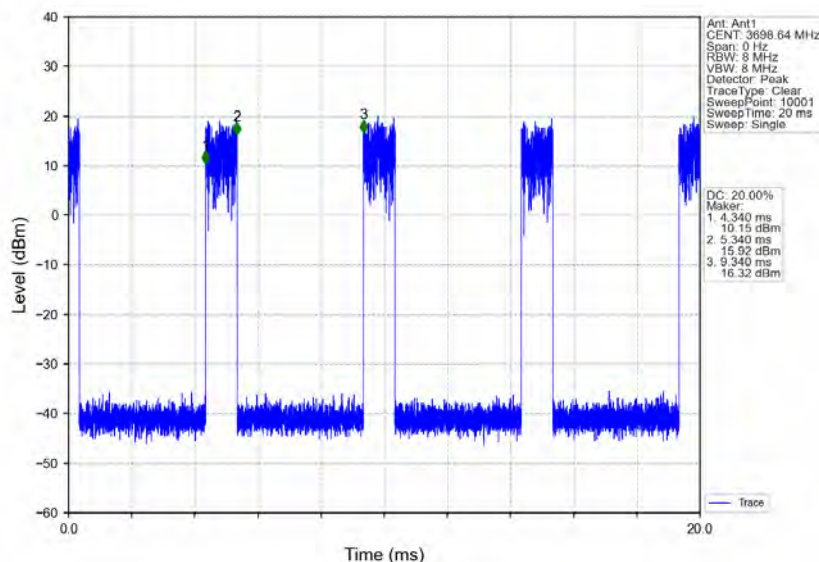
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1.3 30k_MIMO_40MHz_NTNV

1.3.1 Test Result

5G NR n48 SCS=30kHz MIMO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
CP-OFDM QPSK	3570	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		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	1.000	5.000	20.00	6.99	0.00
		Inner 1RB Right	1.002	5.000	20.04	6.98	0.00
	3679.98	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.002	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 16 QAM	3570	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.002	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
	3679.98	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.00
CP-OFDM 64 QAM	3570	Edge 1RB Left	1.000	5.000	20.00	6.99	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		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	4.998	20.01	6.99	0.03

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CP-OFDM 256 QAM		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
	3679.98	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	5.000	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
		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
	3570	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
	3679.98	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	0.04
		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



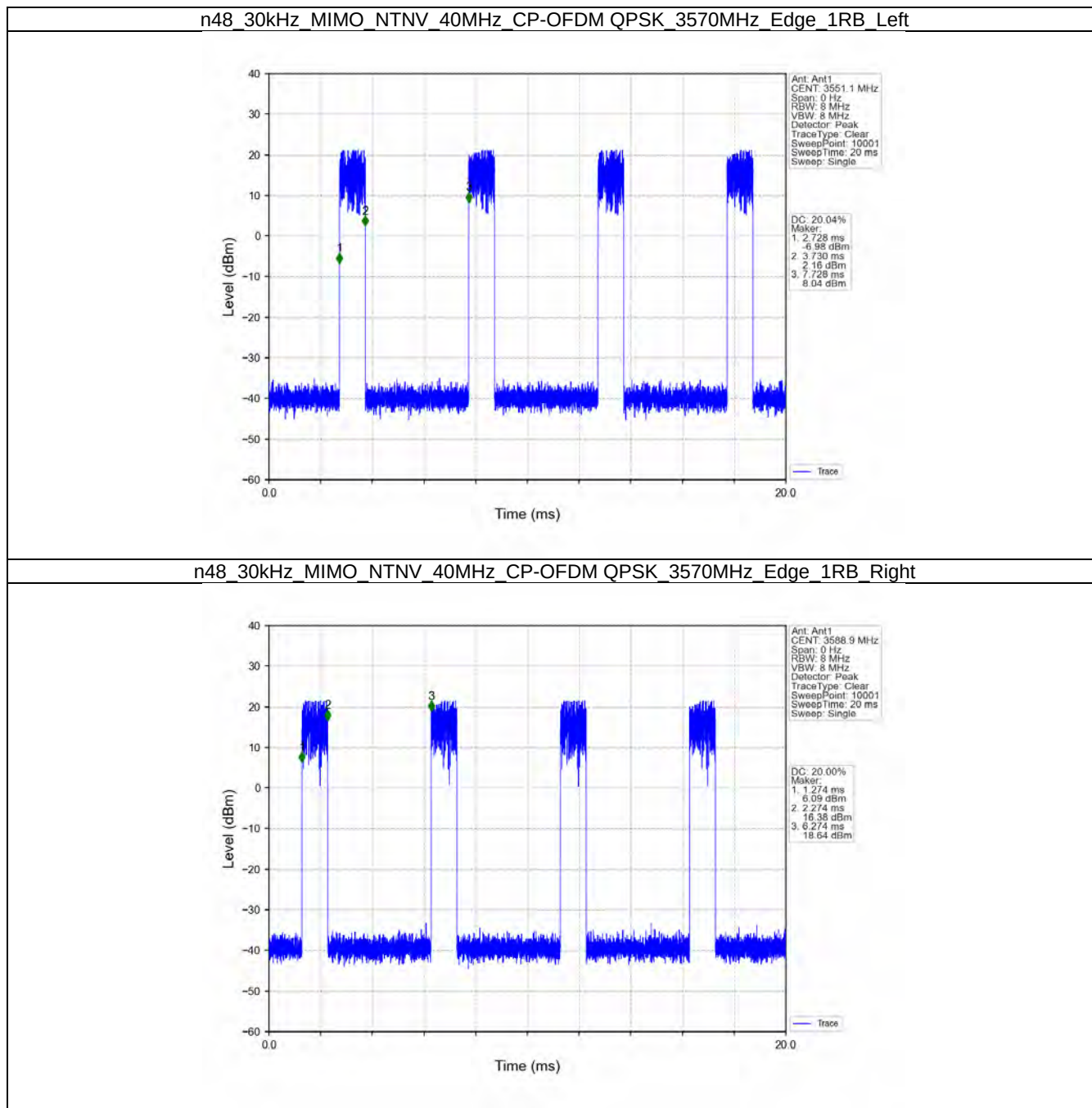
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1.3.2 Test Graph



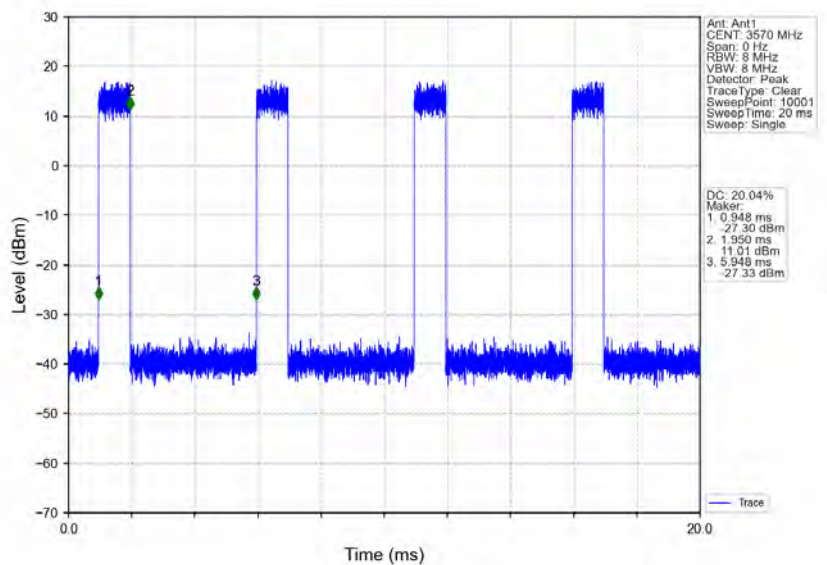
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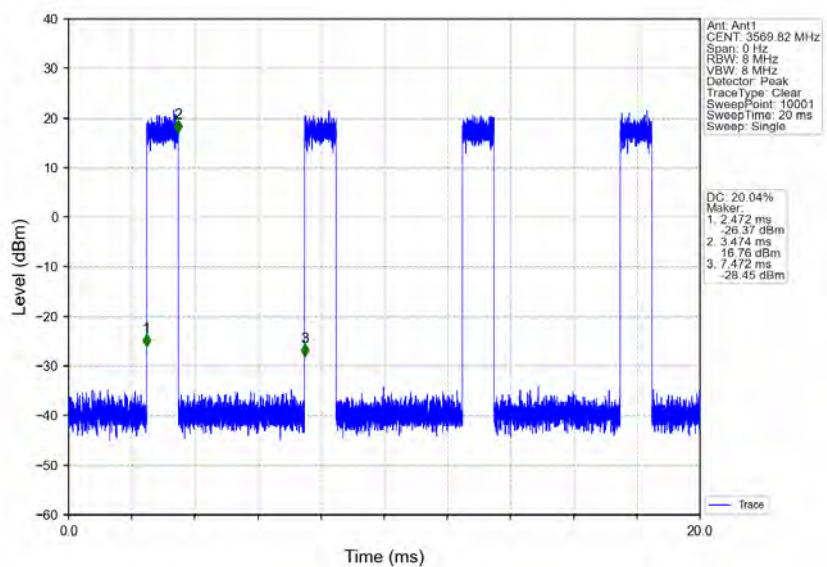
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n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3570MHz_Outer_Full



n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3570MHz_Inner_Full



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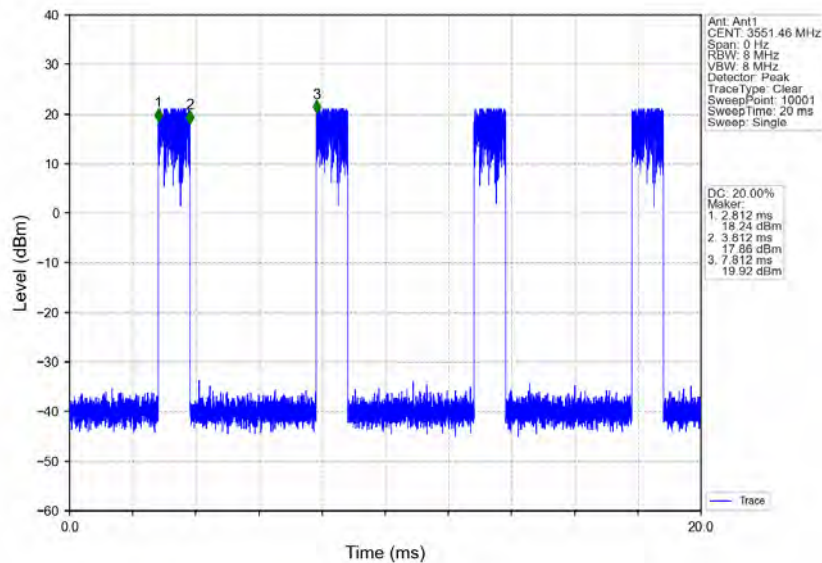
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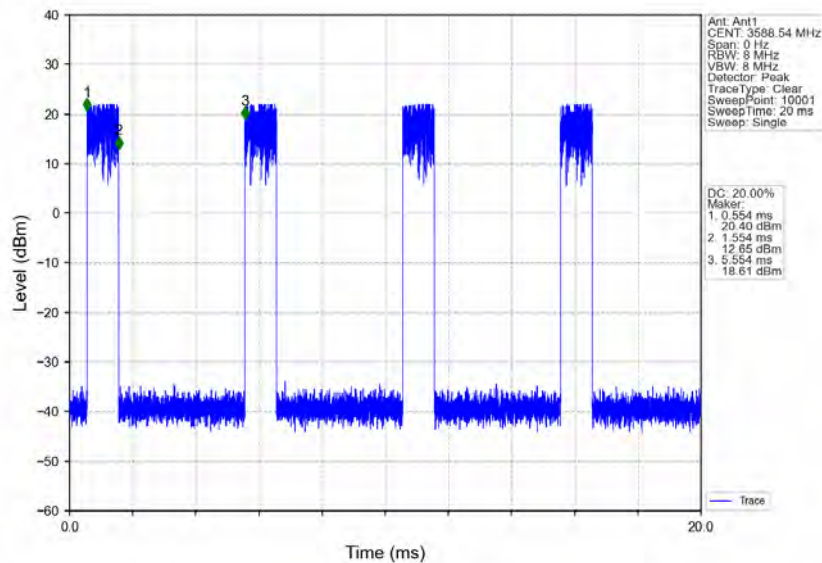
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n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3570MHz_Inner_1RB_Left



n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3570MHz_Inner_1RB_Right



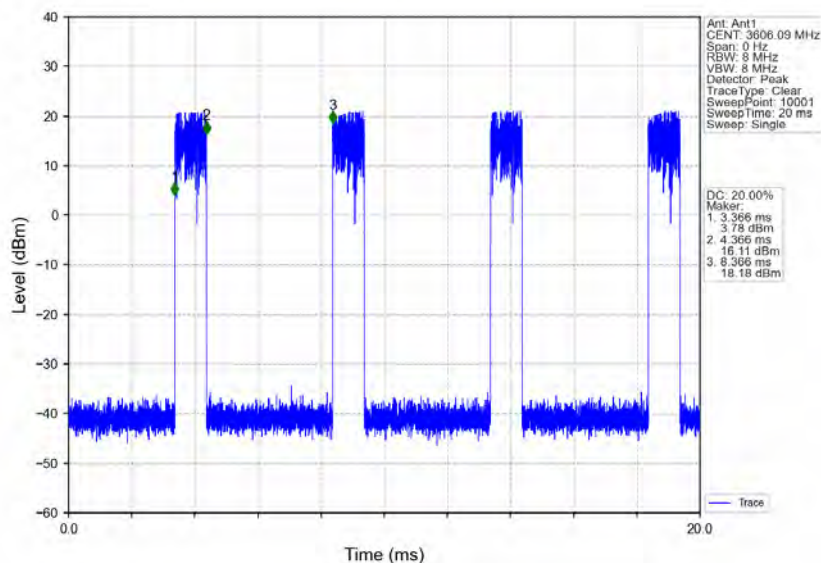
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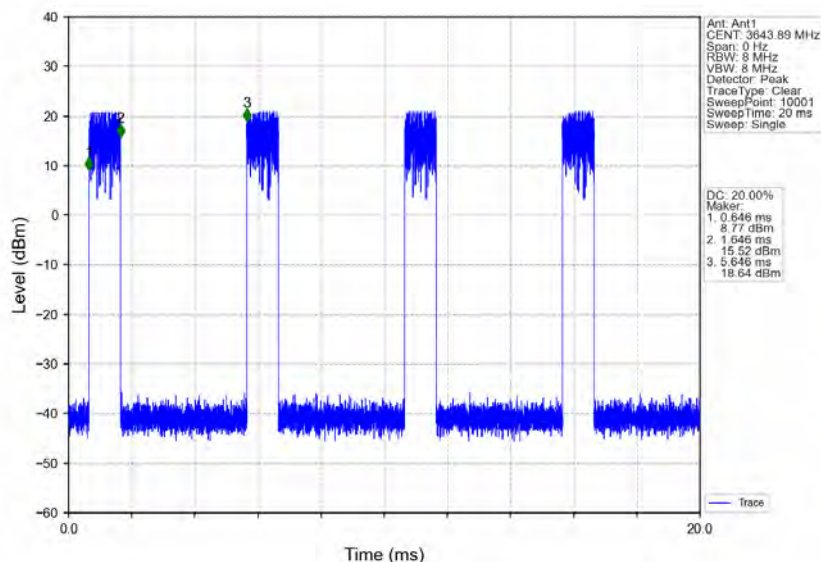
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n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3624.99MHz_Edge_1RB_Left



n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3624.99MHz_Edge_1RB_Right



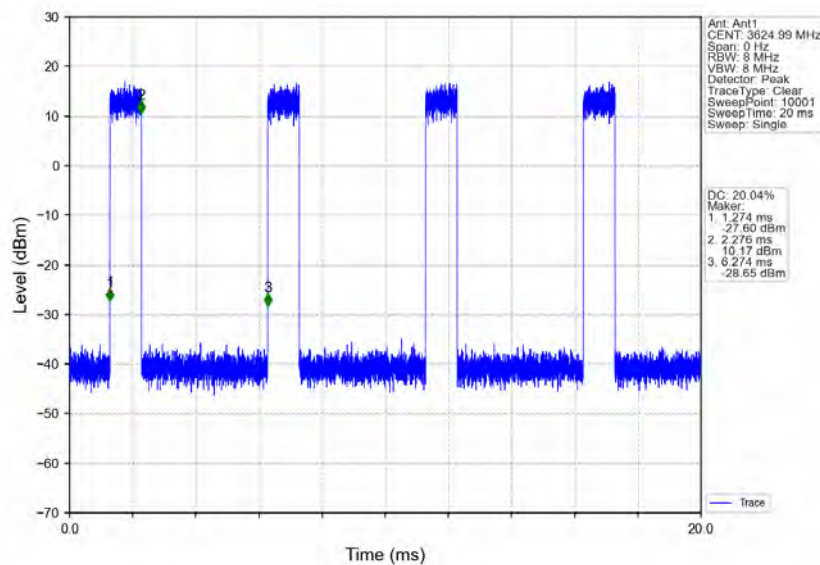
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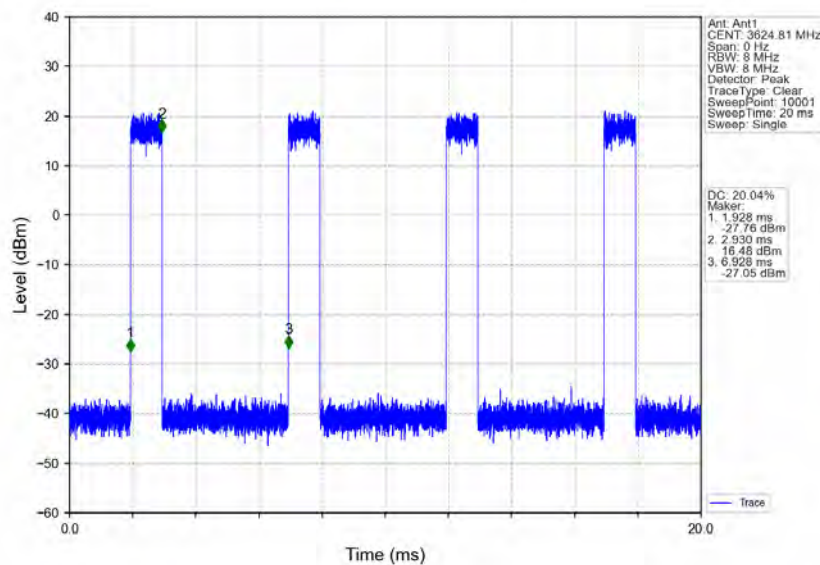
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n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3624.99MHz_Outer_Full



n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3624.99MHz_Inner_Full



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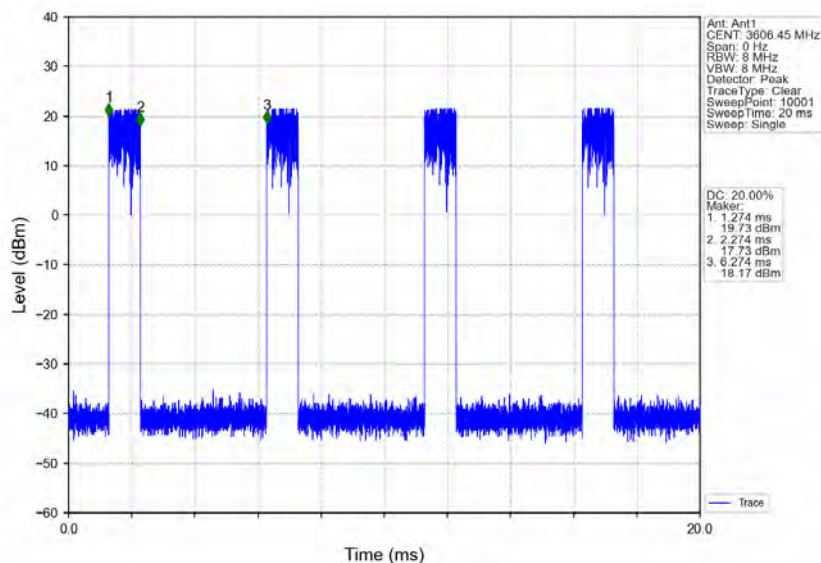
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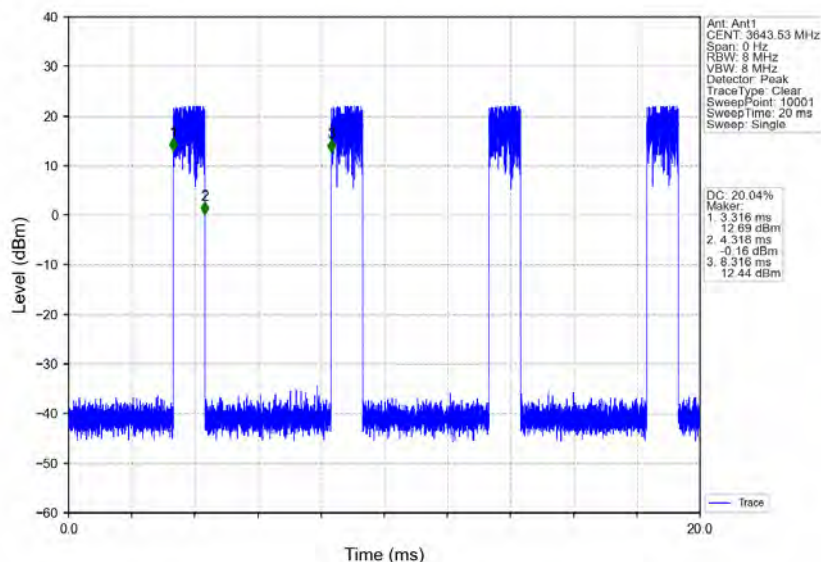
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n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3624.99MHz_Inner_1RB_Left



n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3624.99MHz_Inner_1RB_Right



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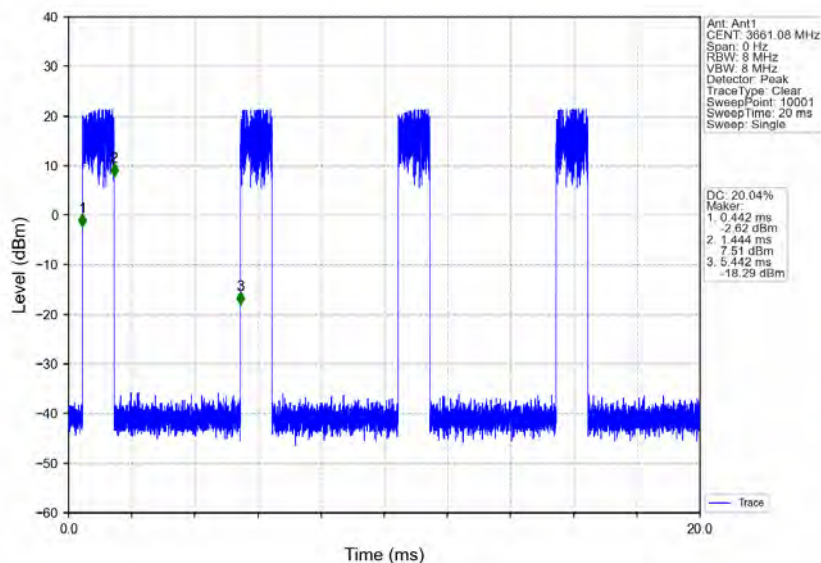
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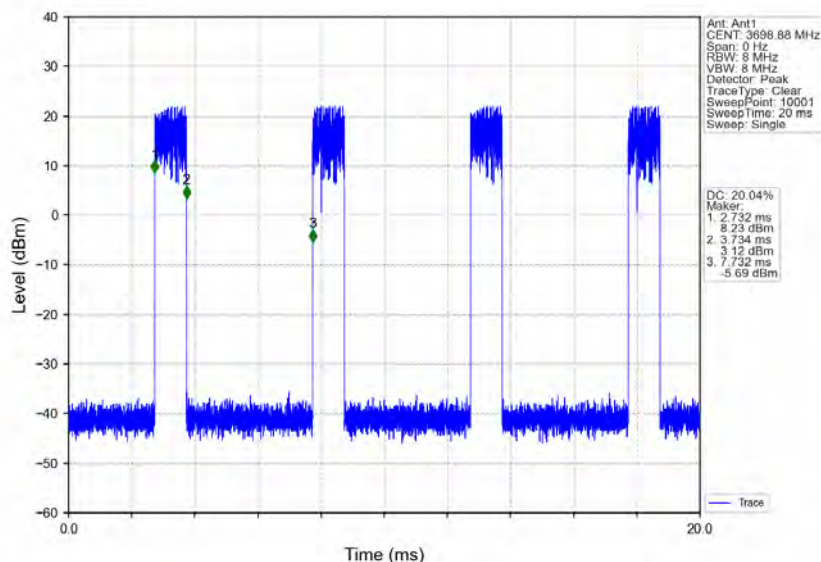
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n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3679.98MHz_Edge_1RB_Left



n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3679.98MHz_Edge_1RB_Right



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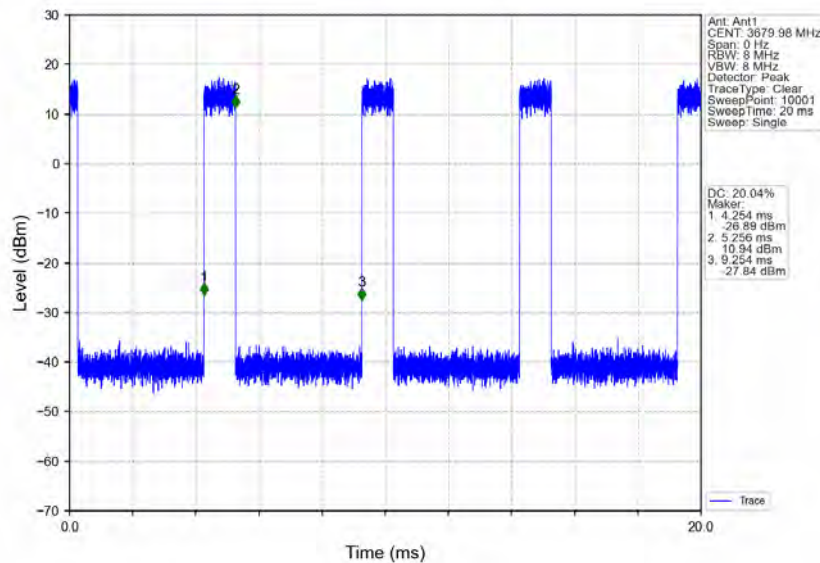
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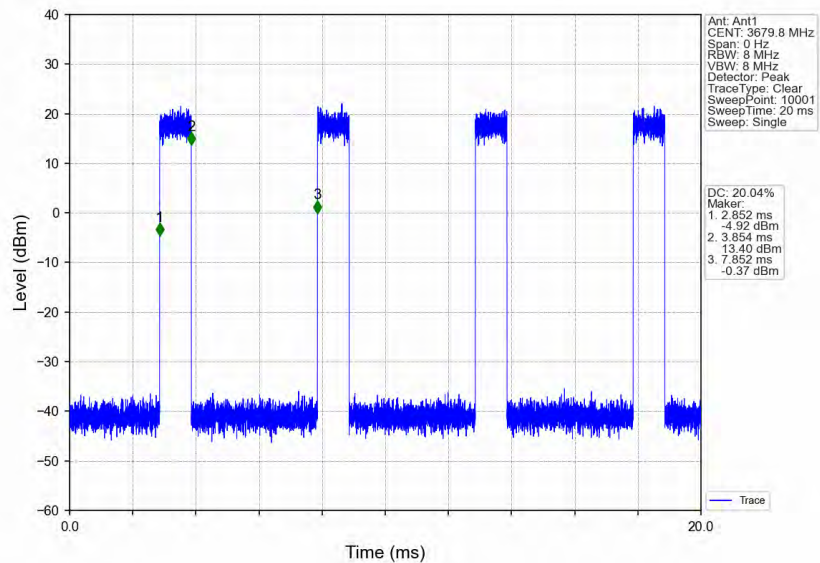
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n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3679.98MHz_Inner_Full



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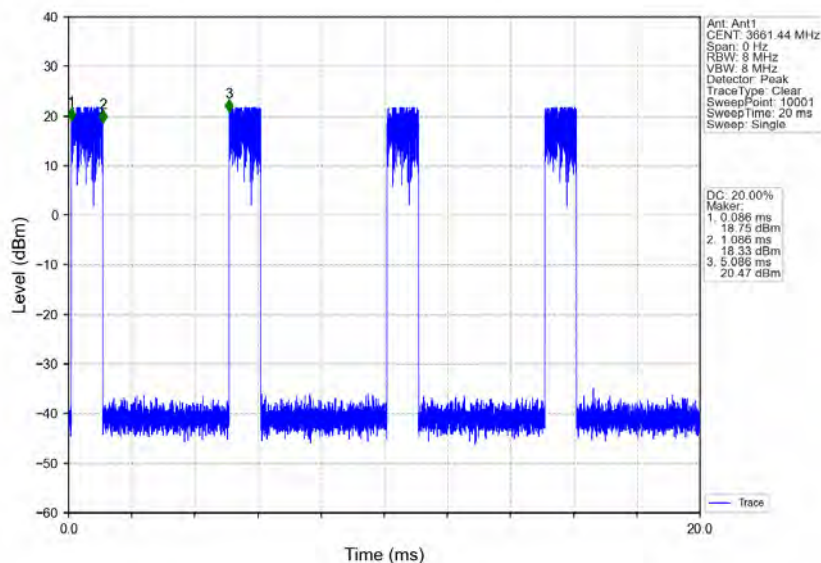
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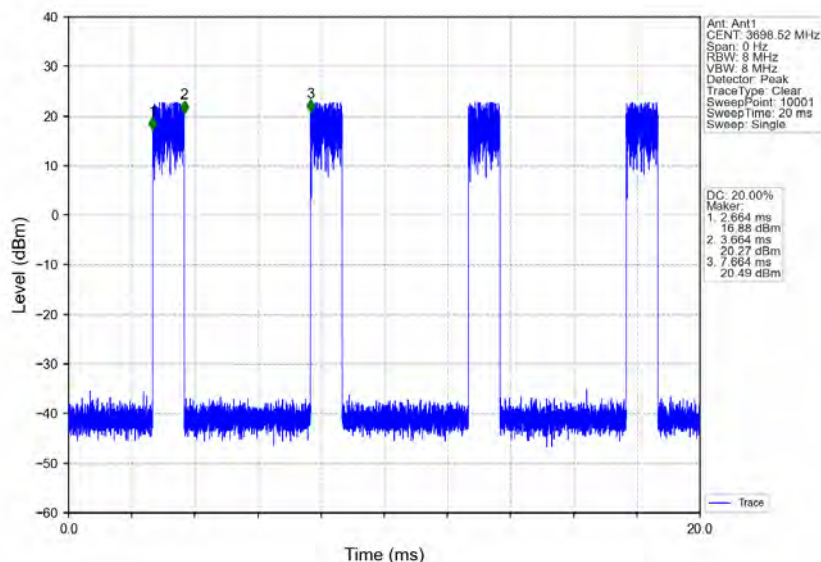
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n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3679.98MHz_Inner_1RB_Left



n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3679.98MHz_Inner_1RB_Right



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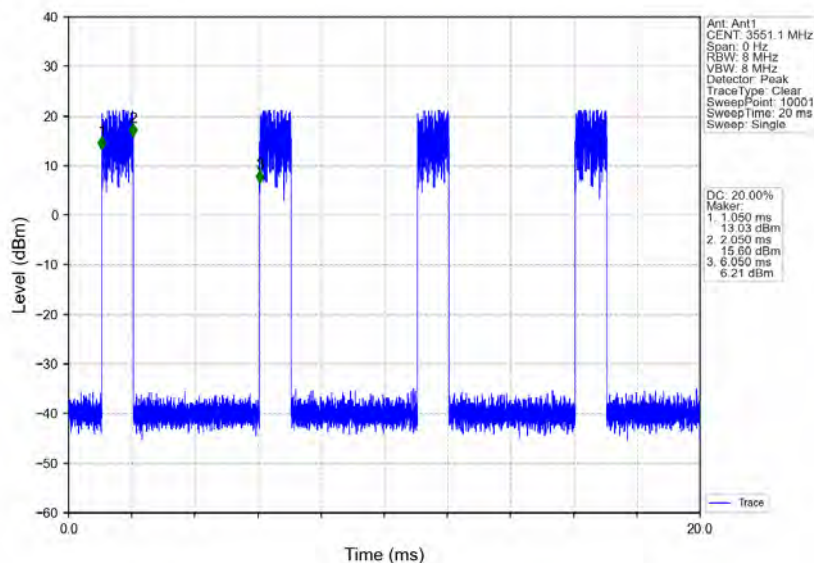
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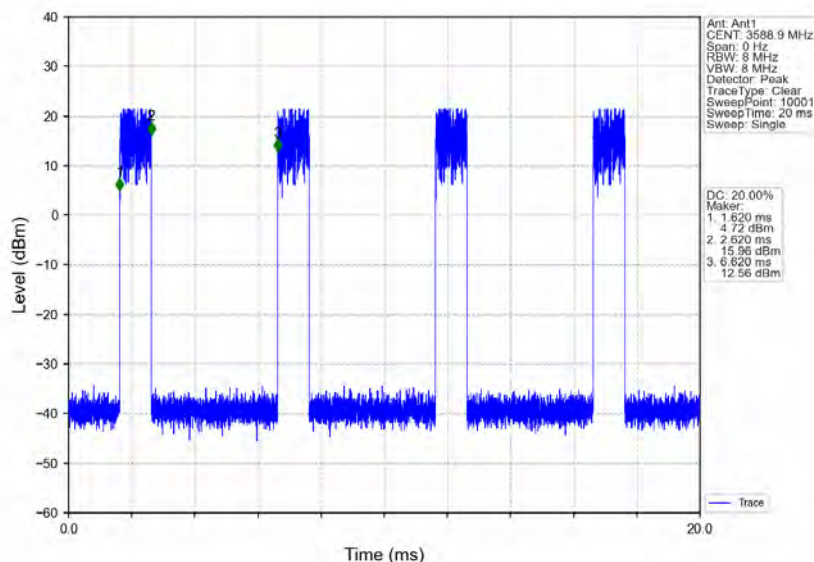
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n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_16_QAM_3570MHz_Edge_1RB_Left



n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_16_QAM_3570MHz_Edge_1RB_Right



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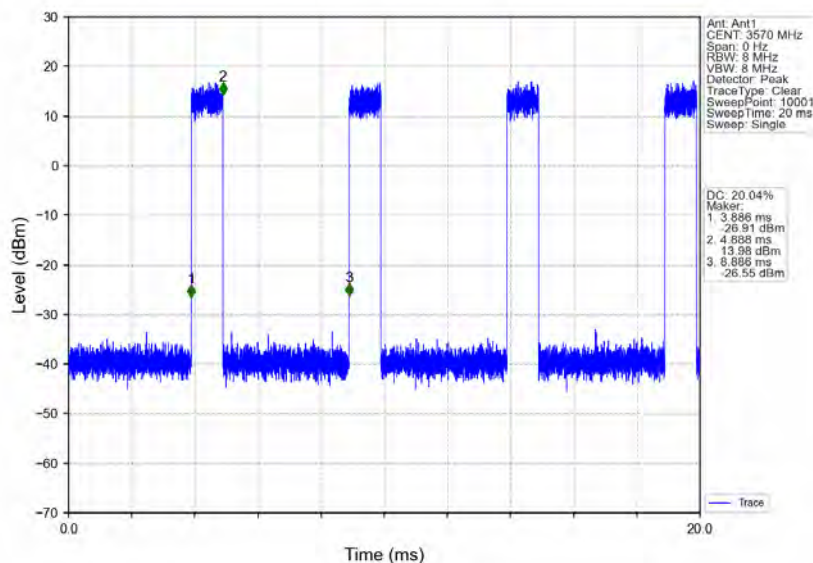
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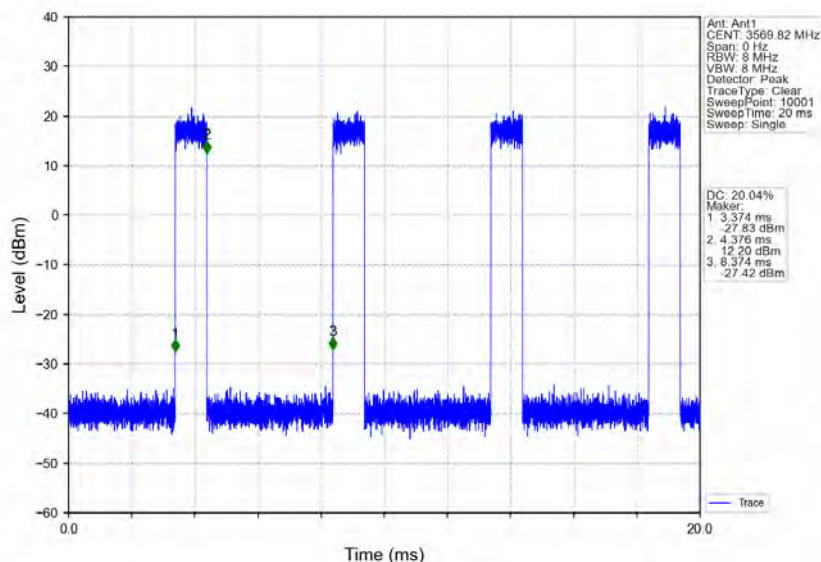
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n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_16_QAM_3570MHz_Outer_Full



n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_16_QAM_3570MHz_Inner_Full



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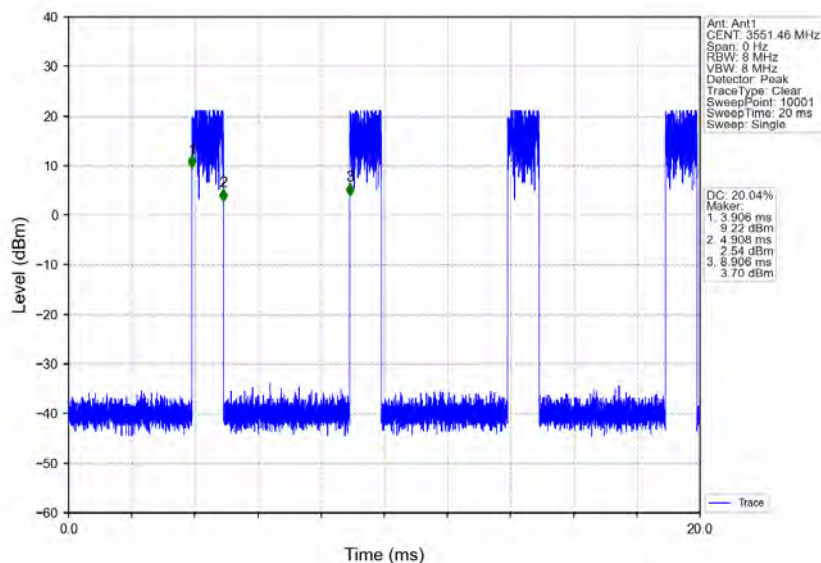
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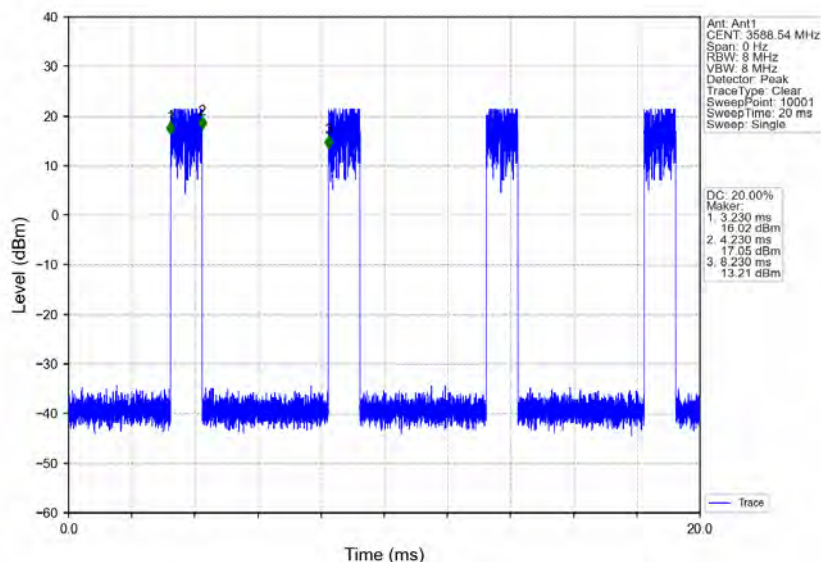
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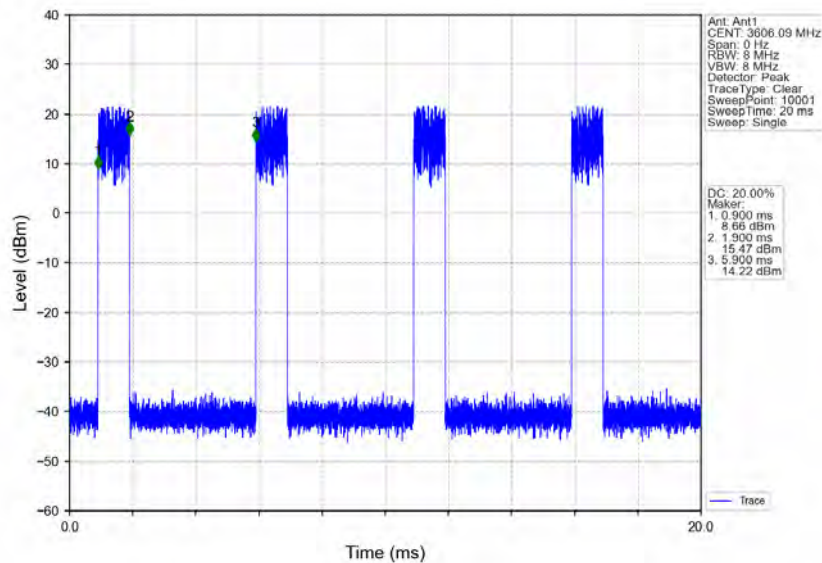
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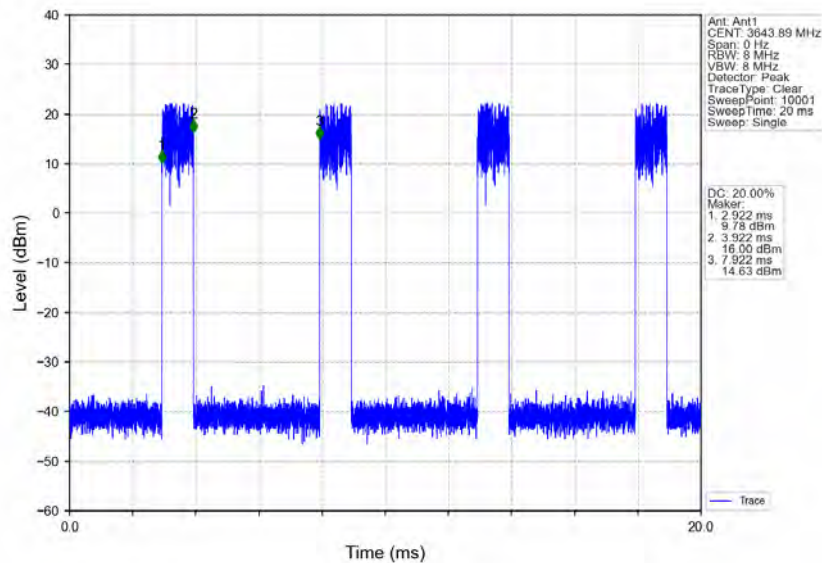
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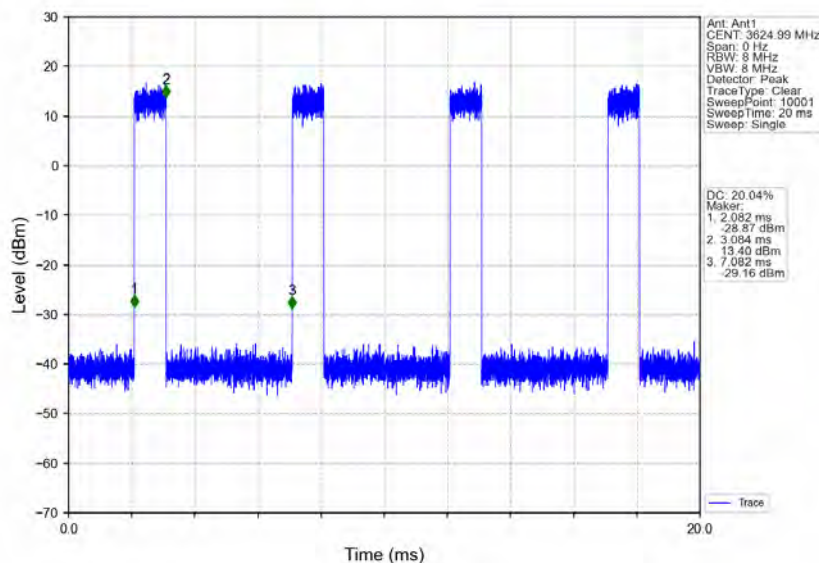
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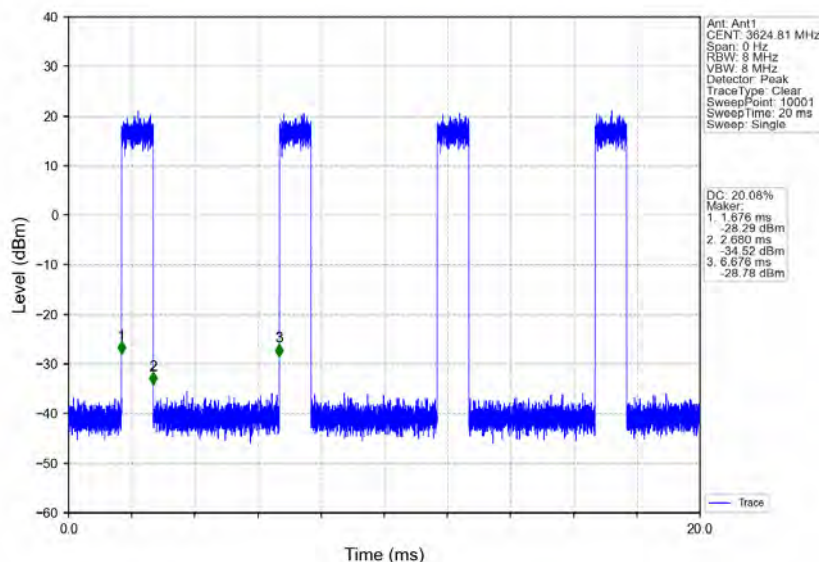
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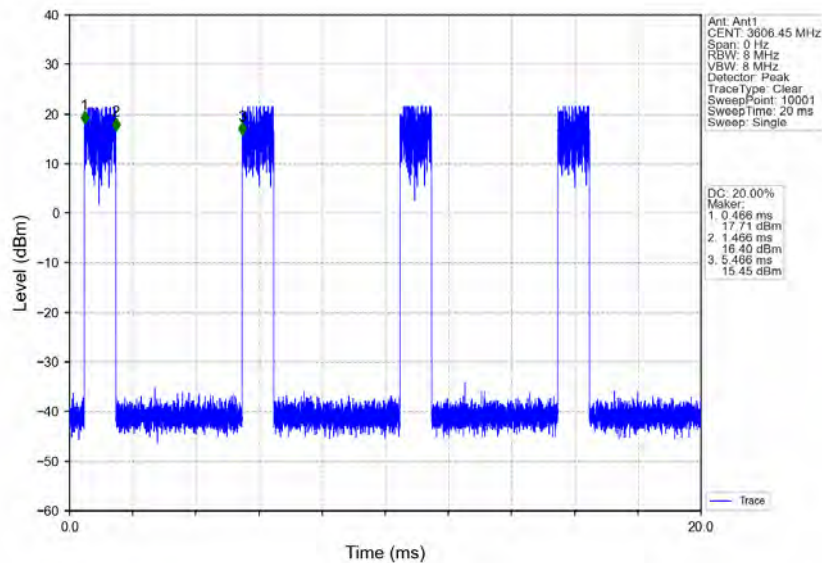
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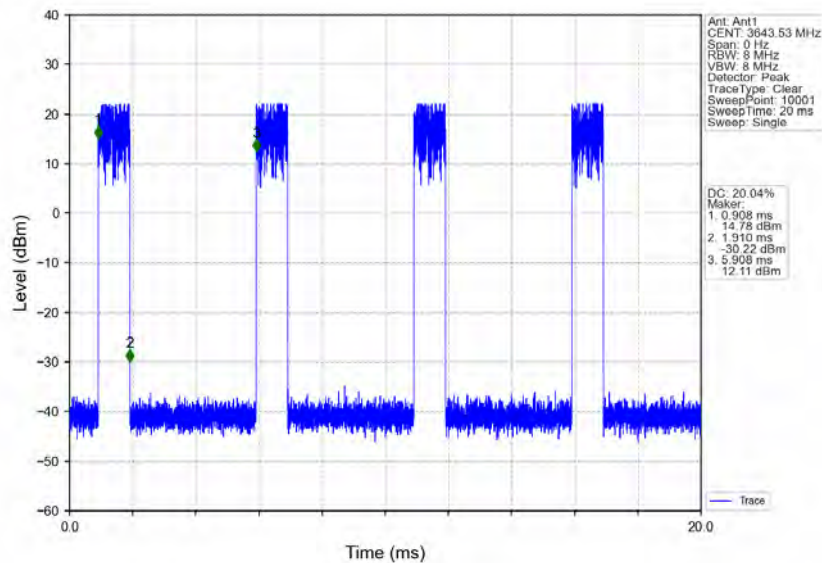
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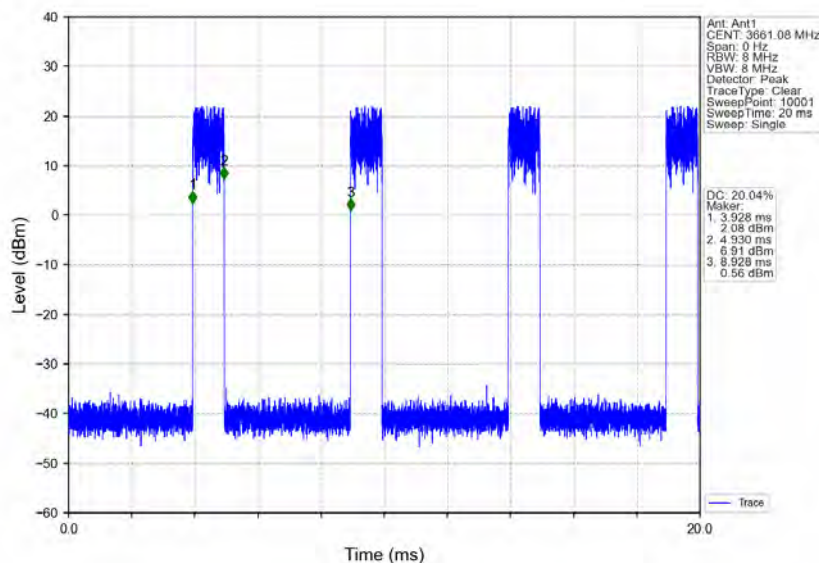
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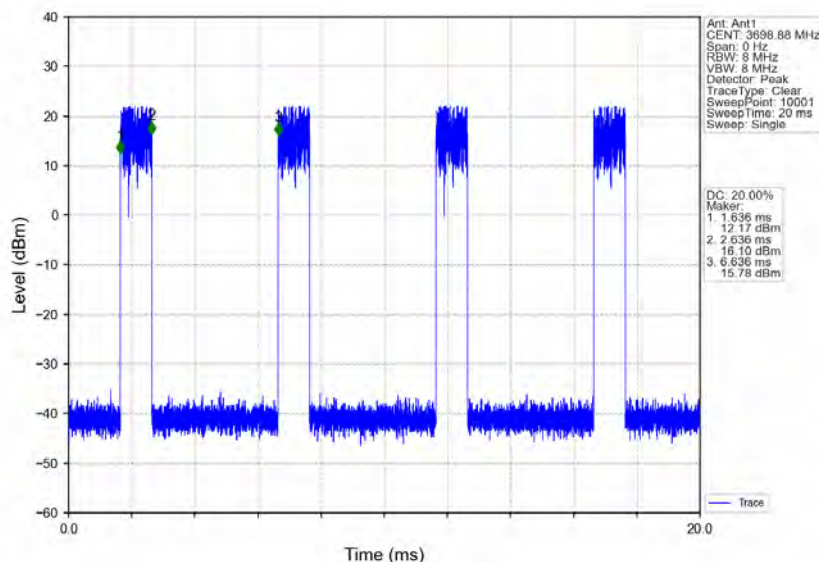
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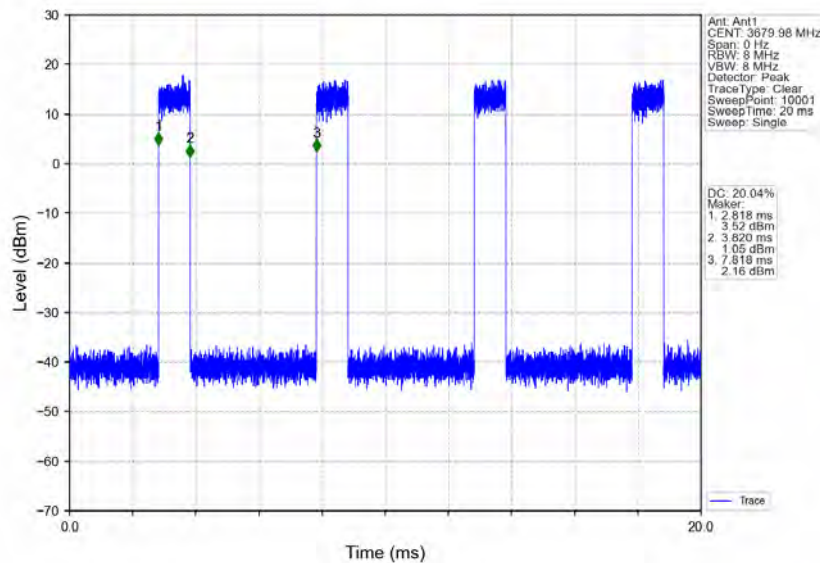
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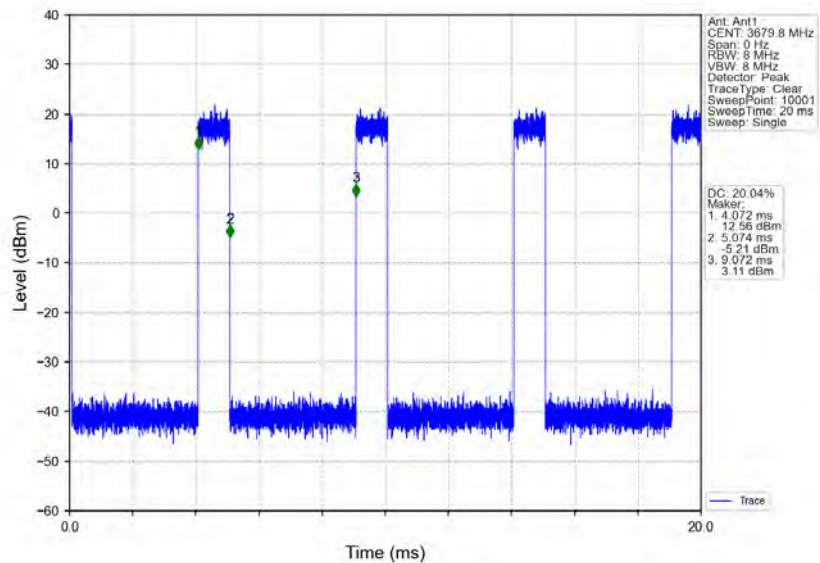
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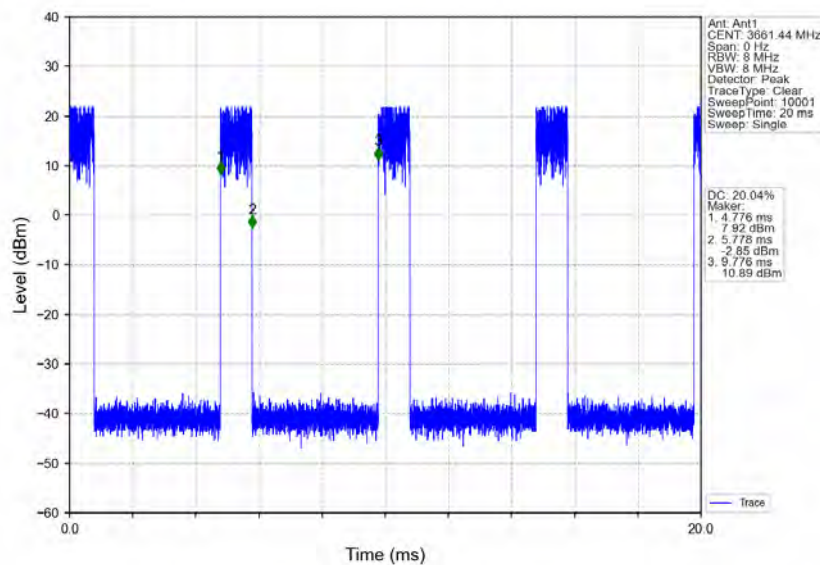
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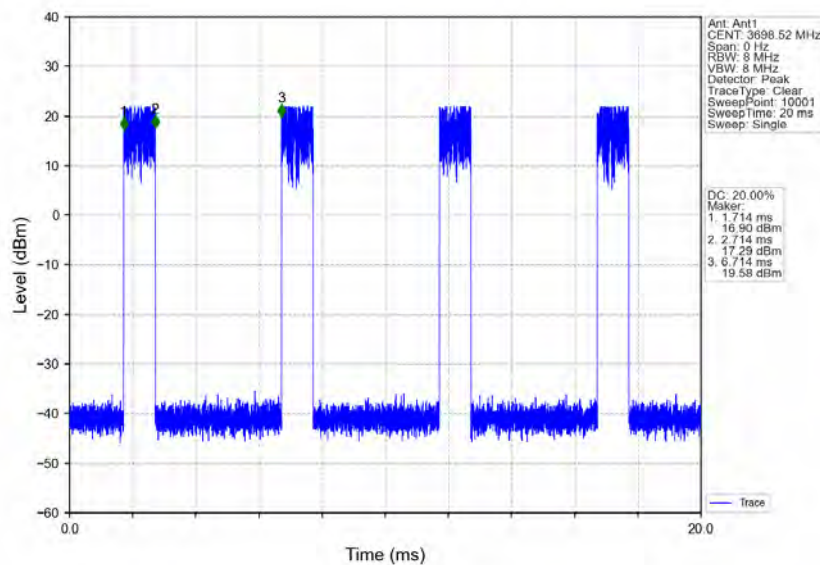
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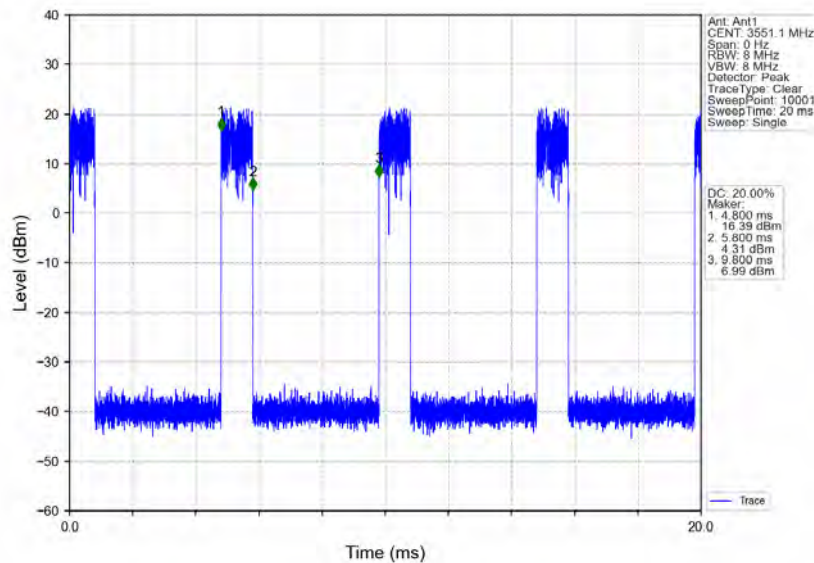
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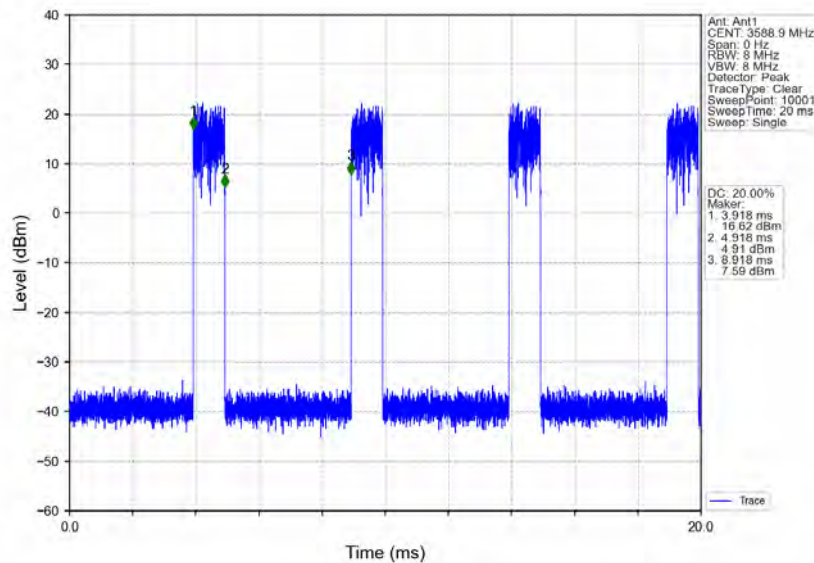
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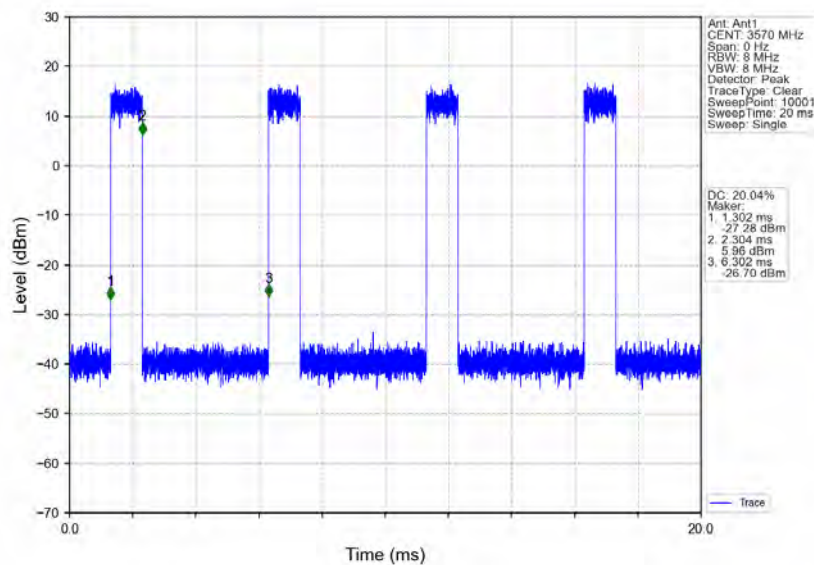
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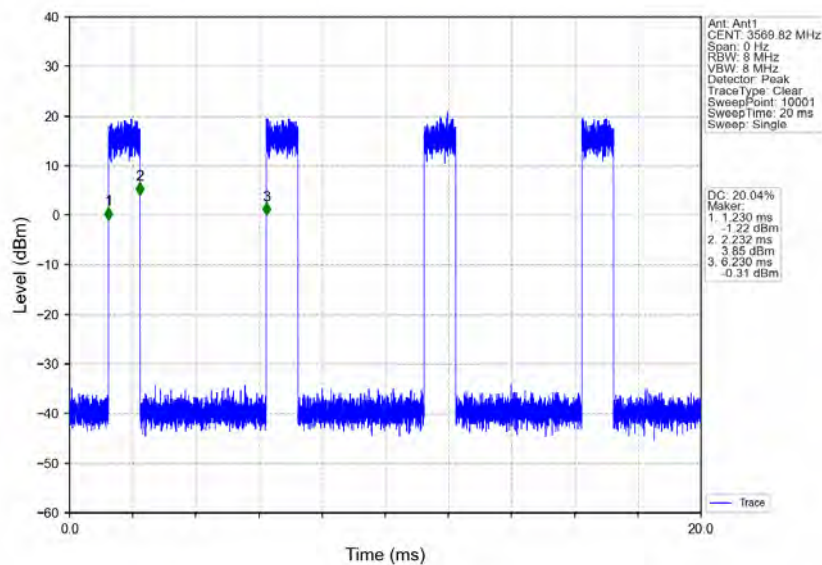
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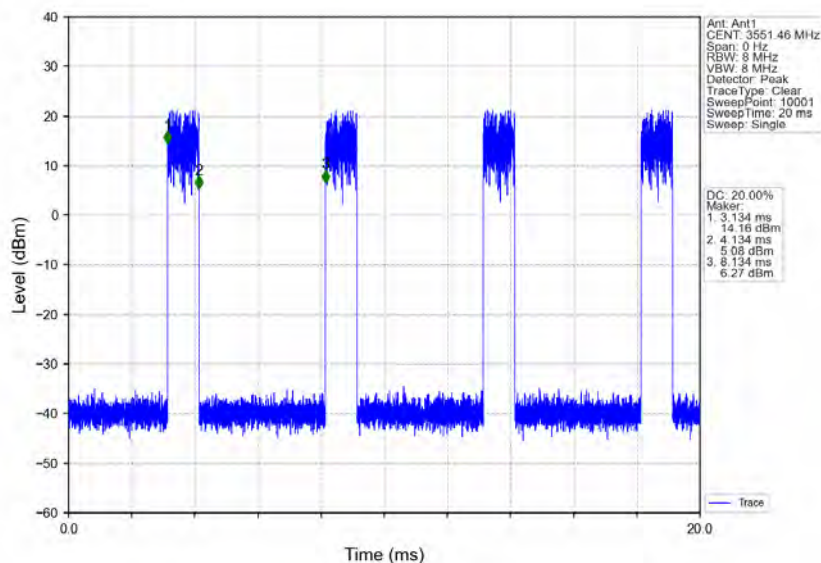
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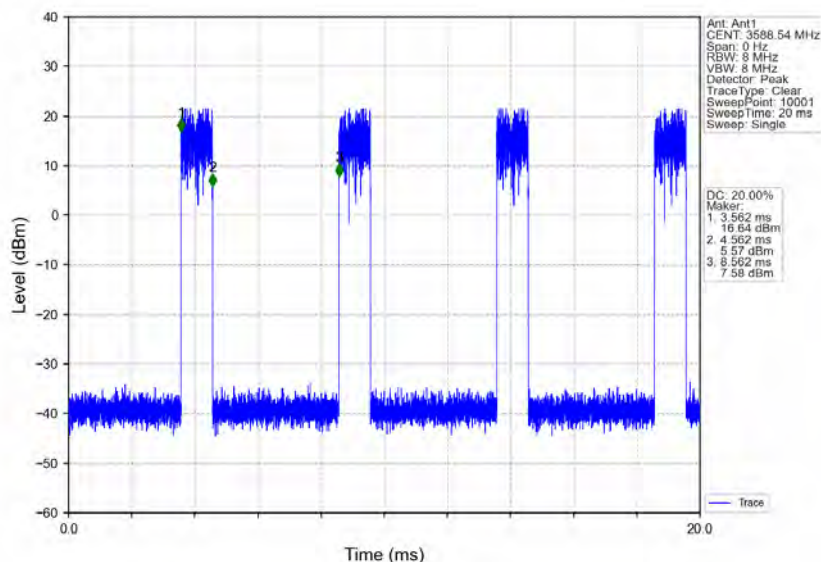
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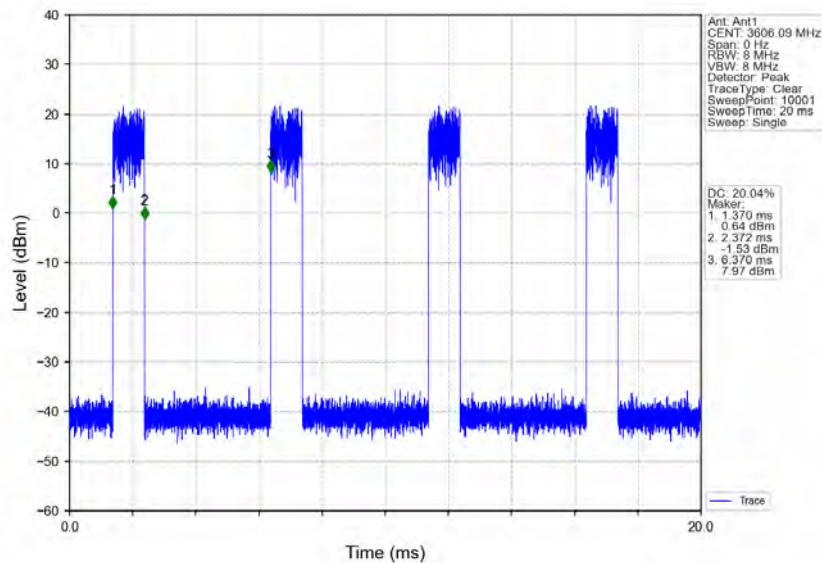
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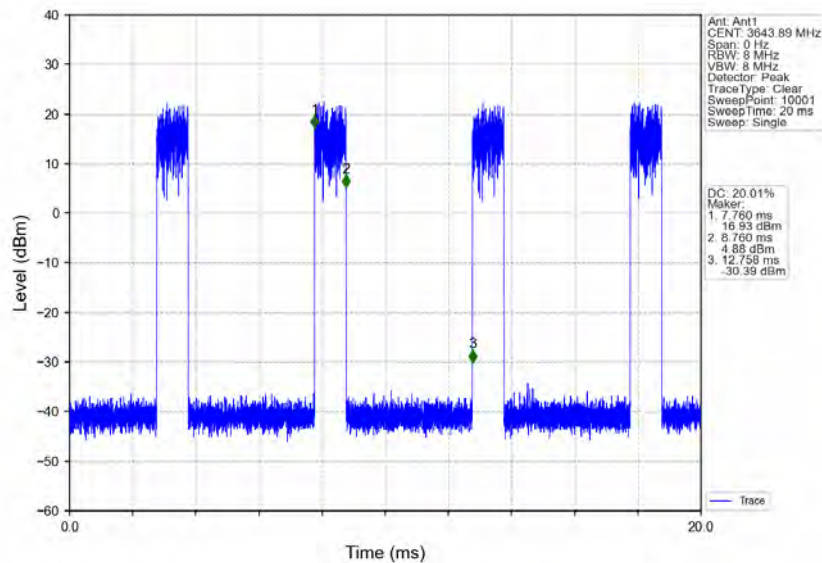
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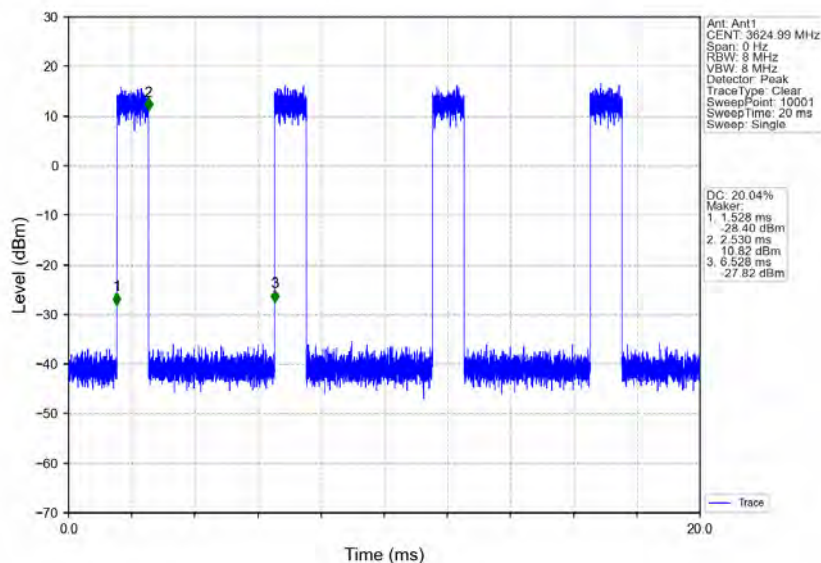
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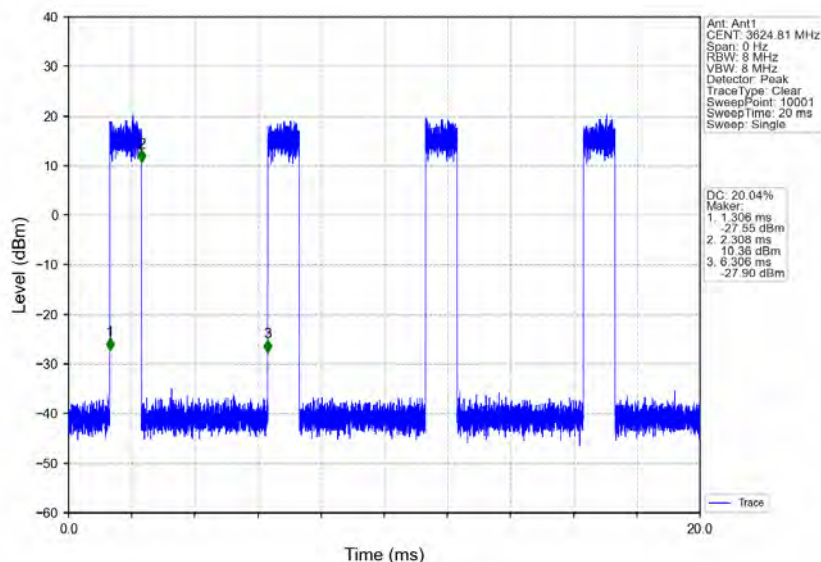
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n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_64_QAM_3624.99MHz_Outer_Full



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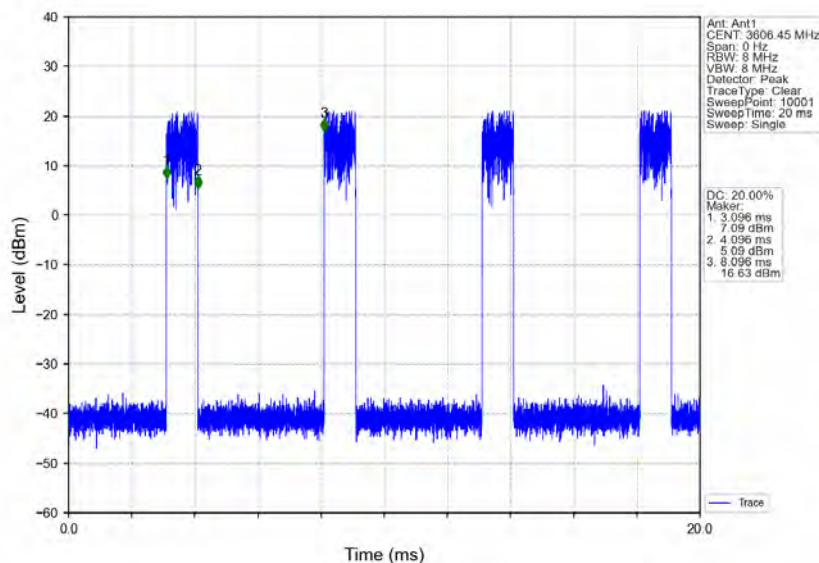
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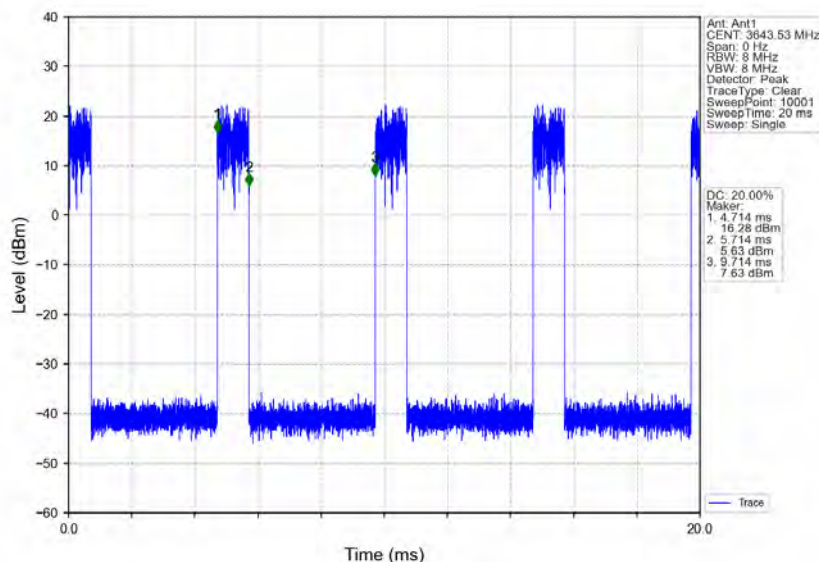
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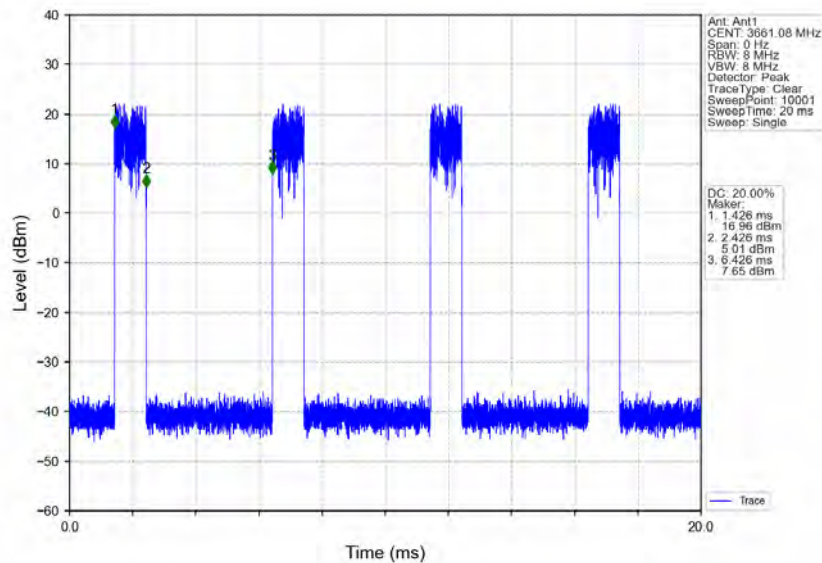
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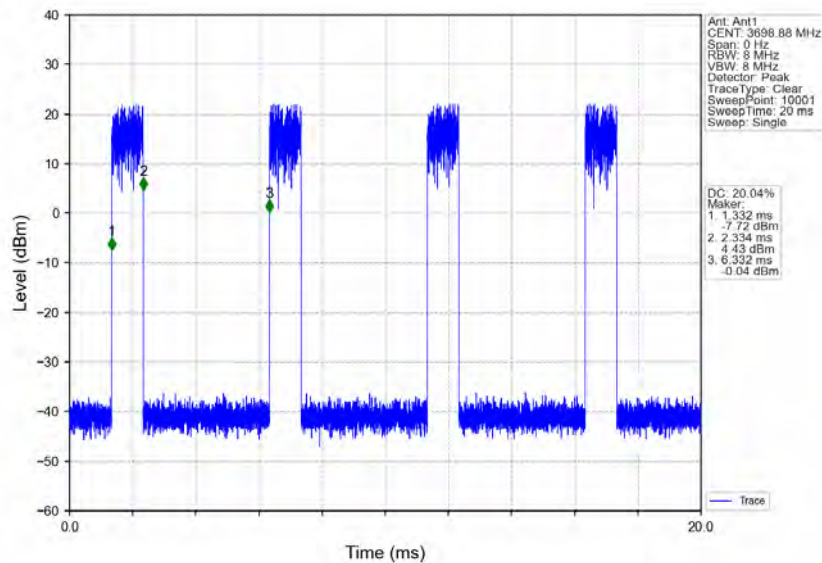
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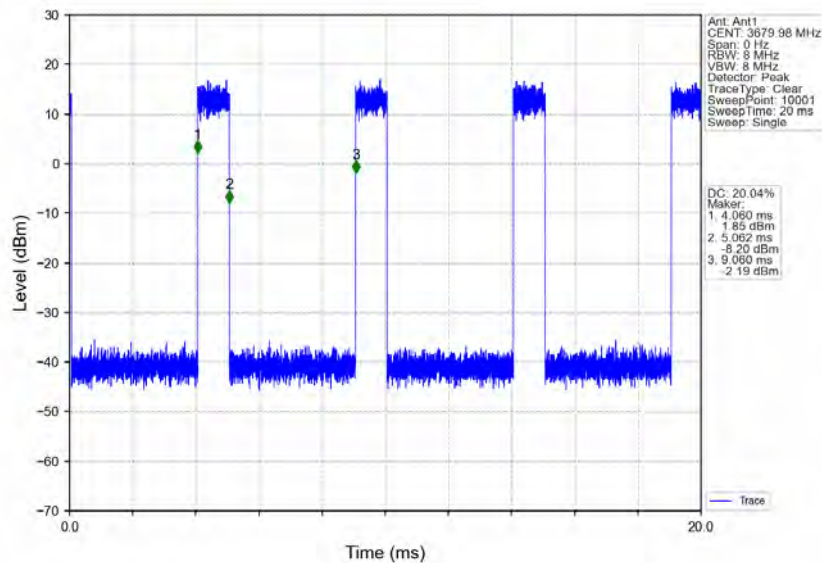
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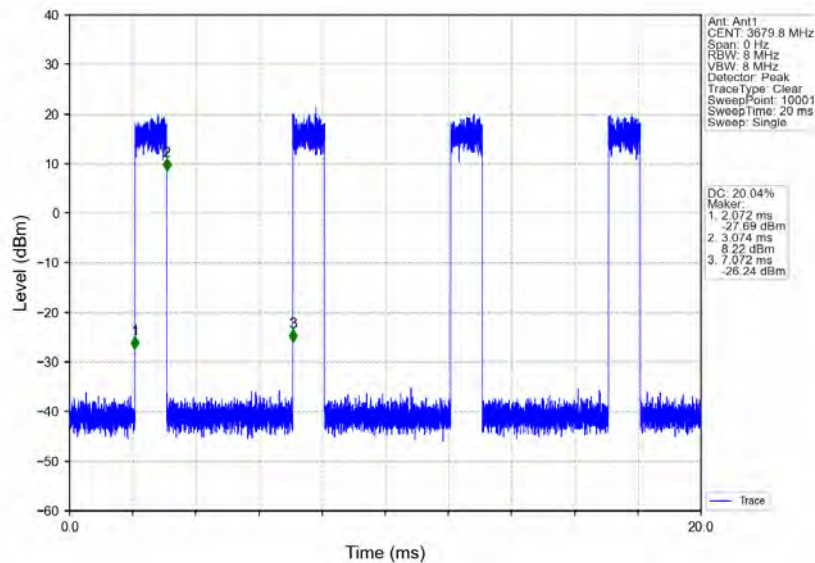
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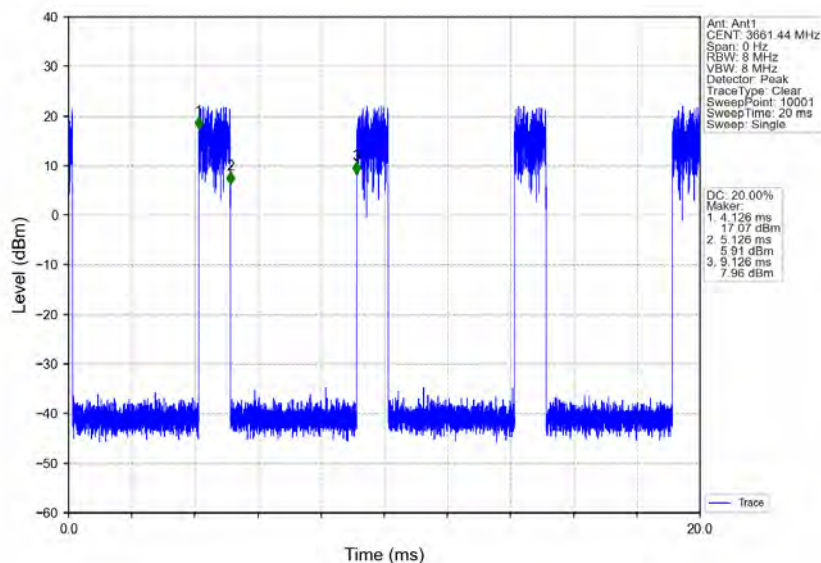
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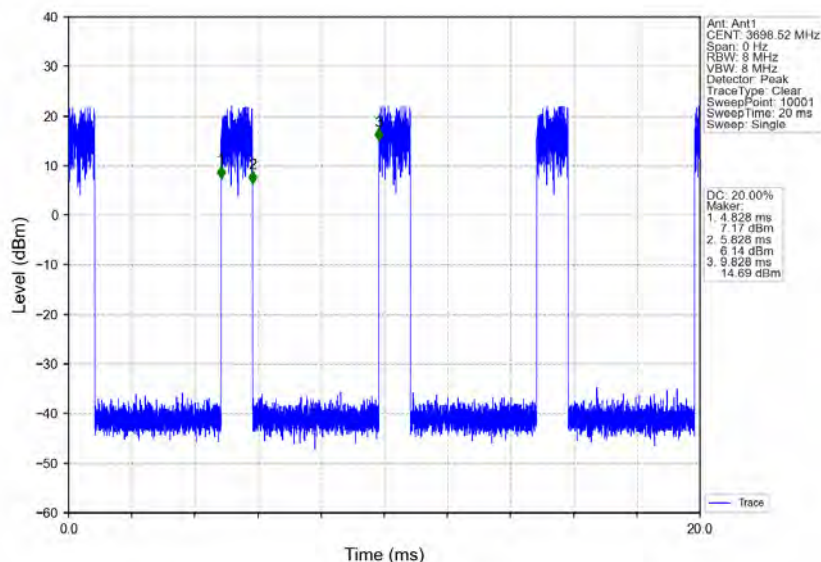
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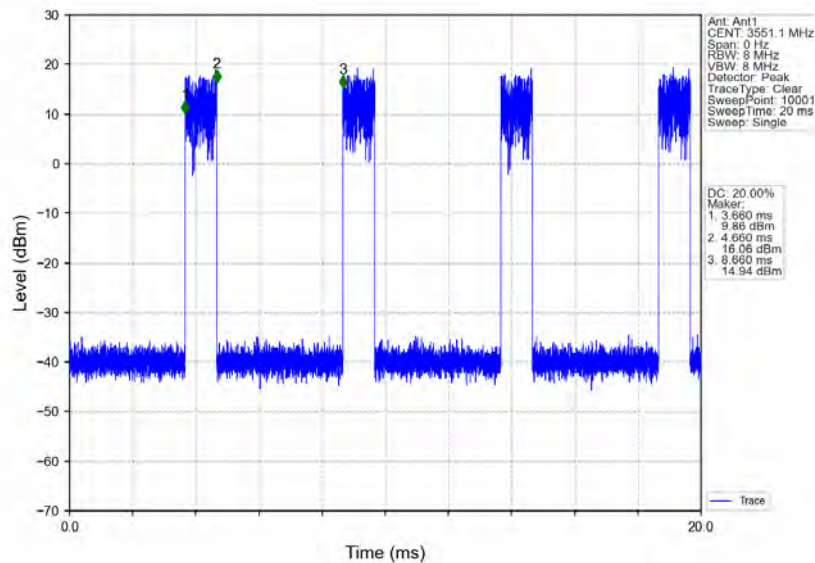
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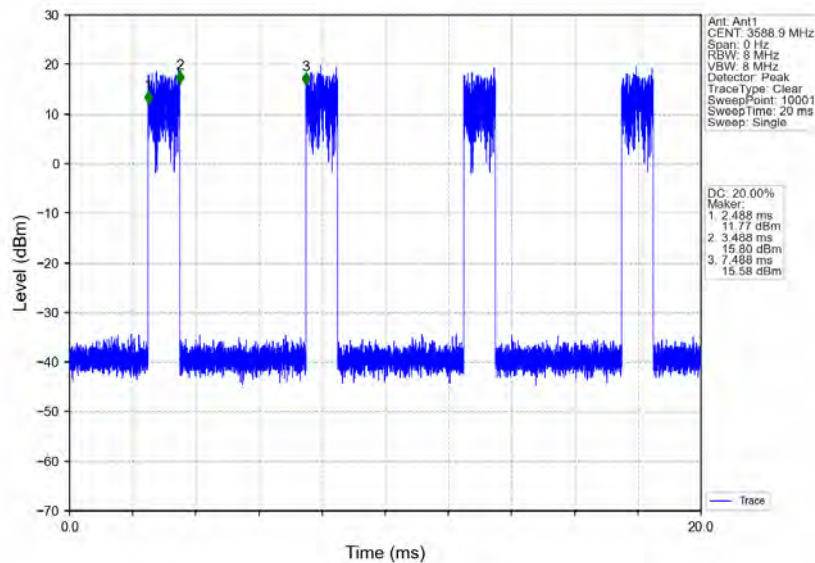
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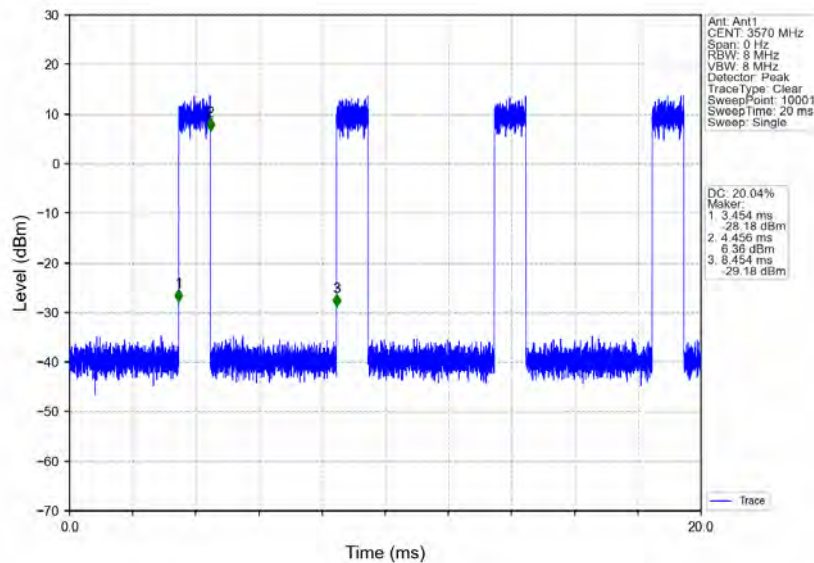
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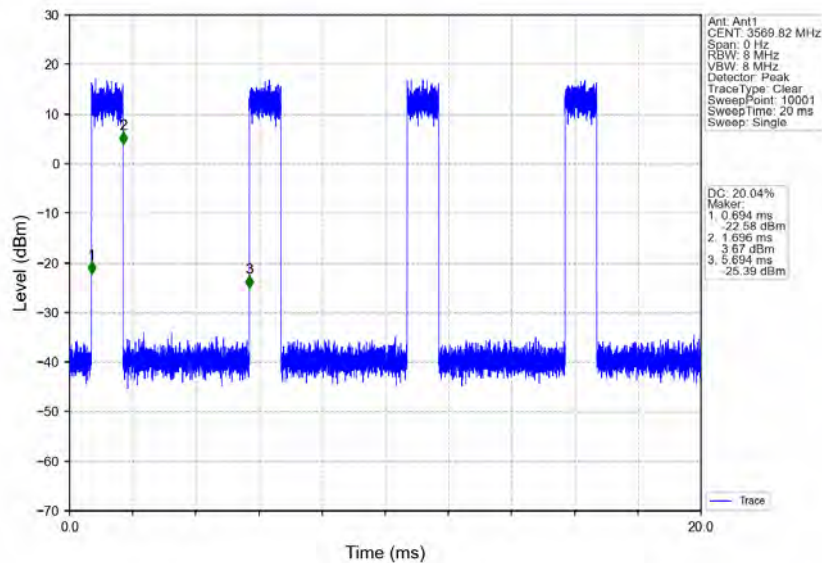
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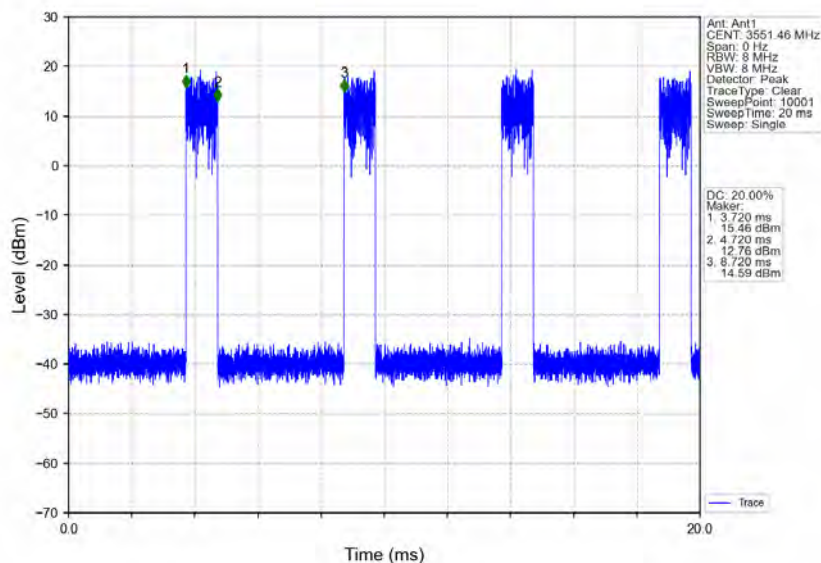
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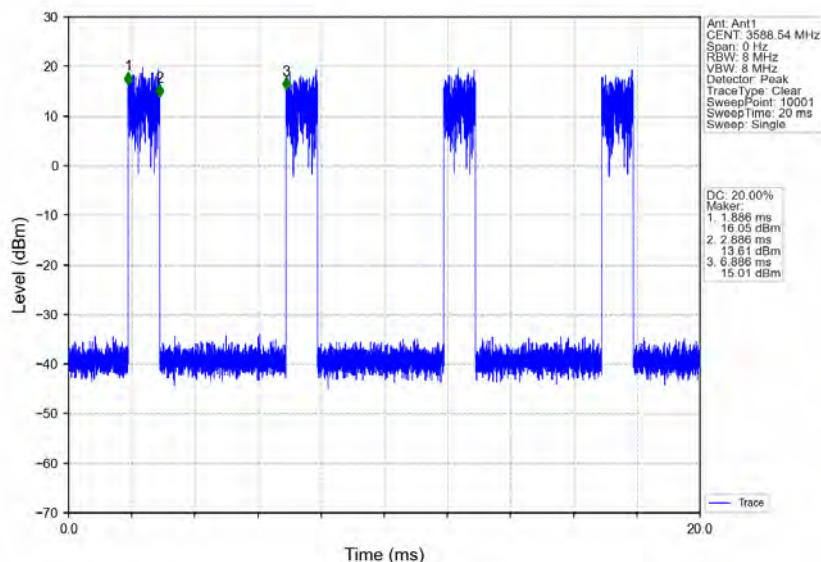
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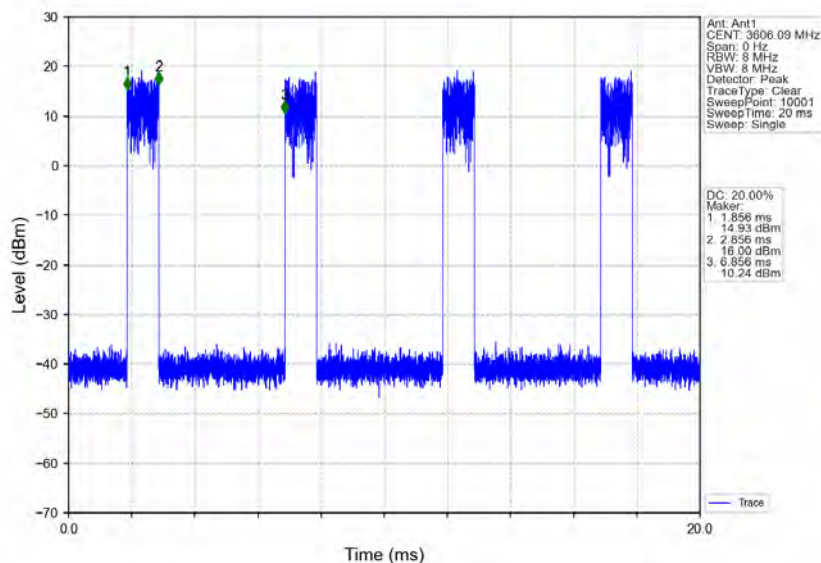
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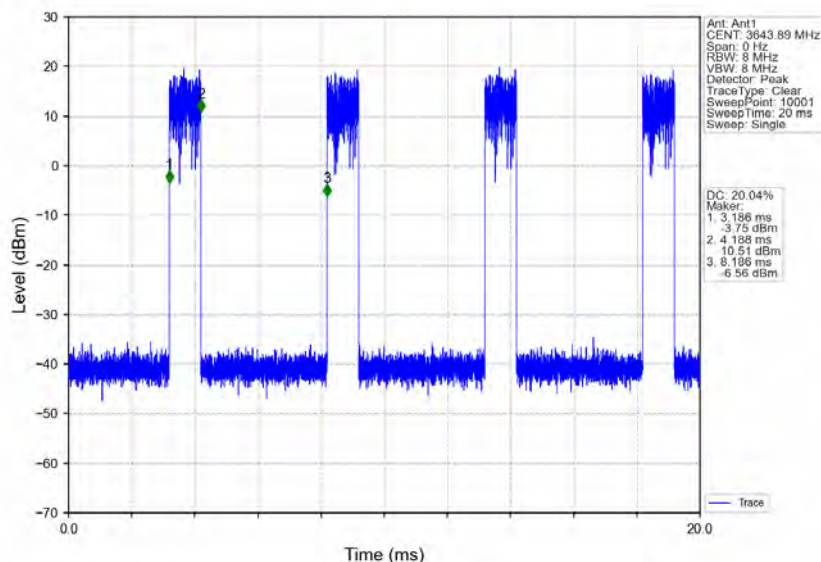
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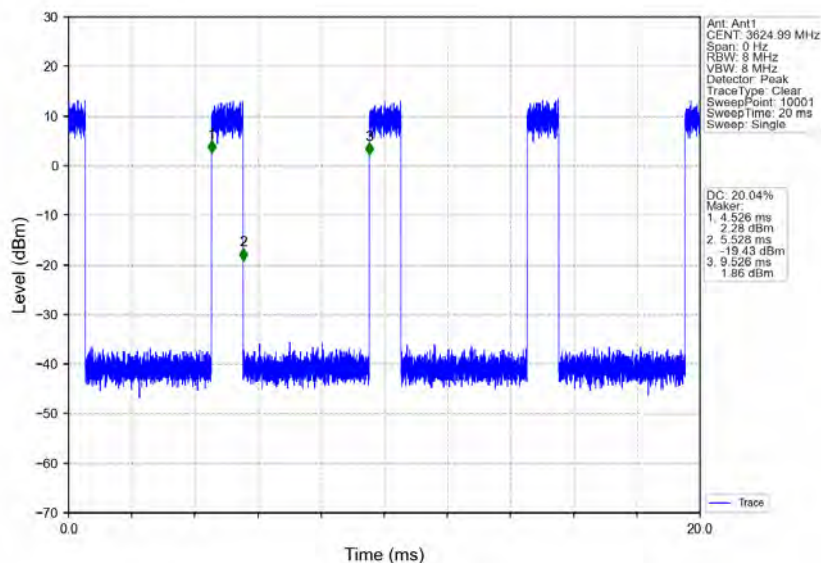
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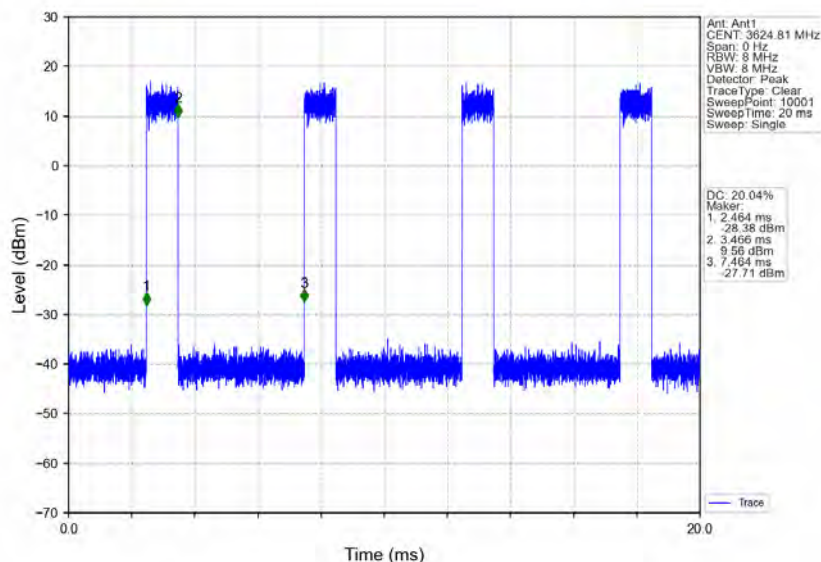
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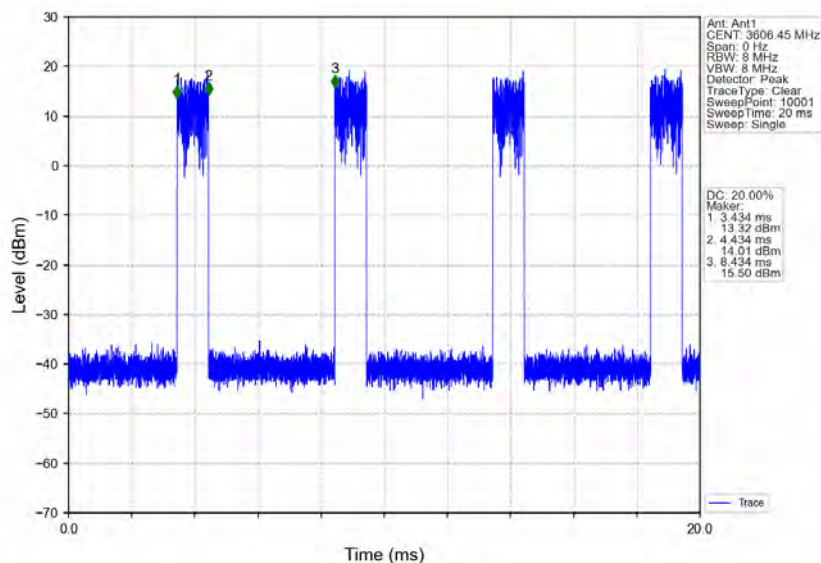
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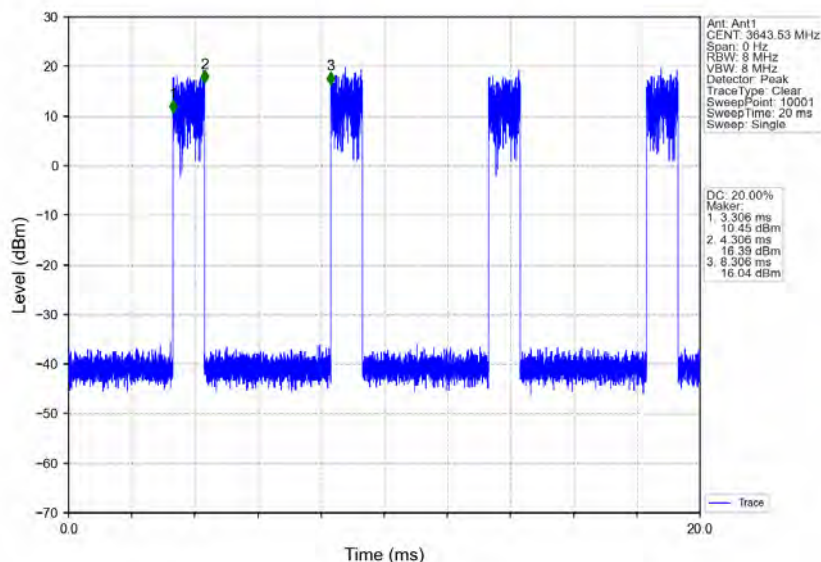
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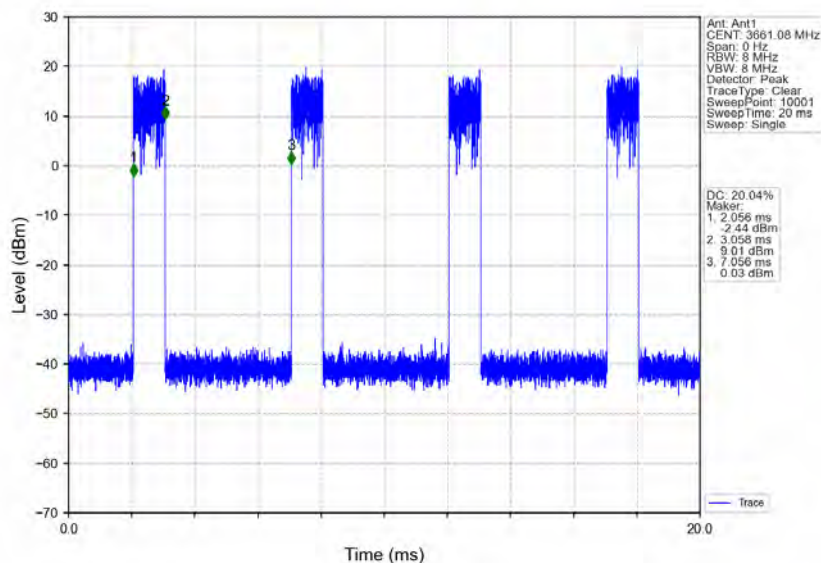
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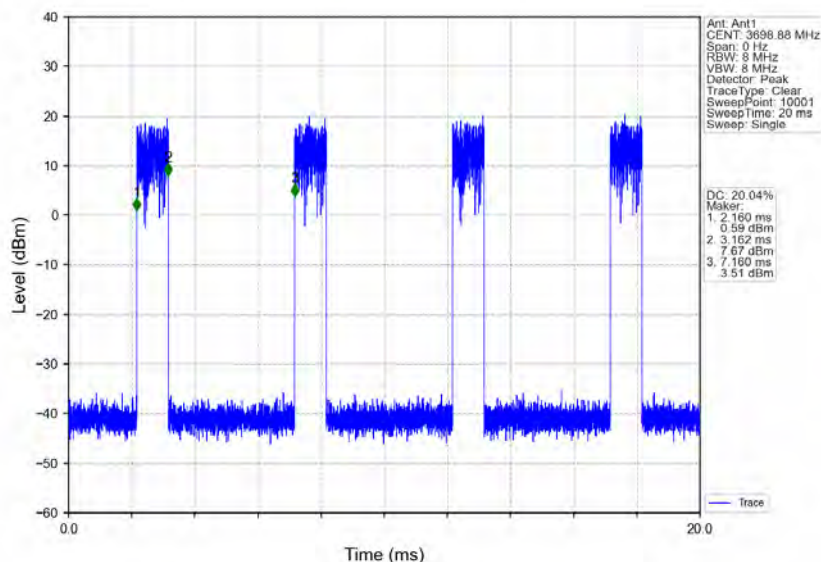
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n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_256_QAM_3679.98MHz_Edge_1RB_Left



n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_256_QAM_3679.98MHz_Edge_1RB_Right



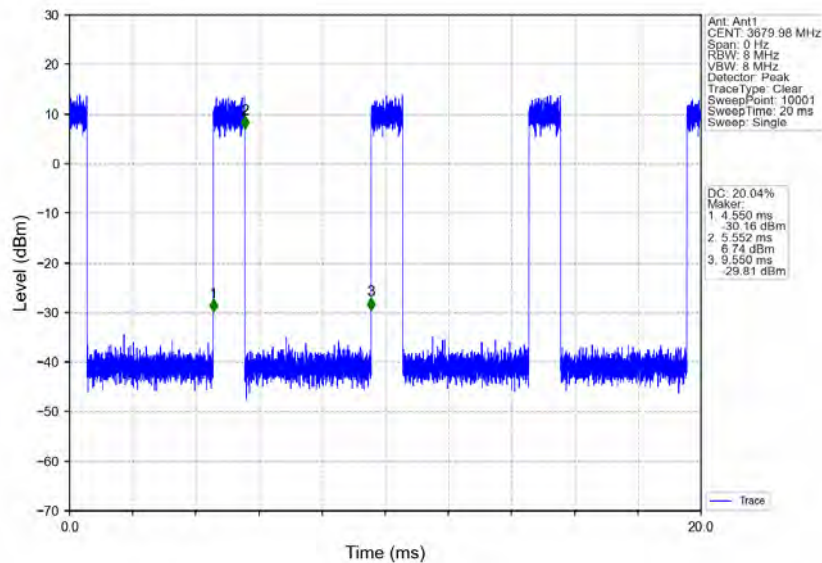
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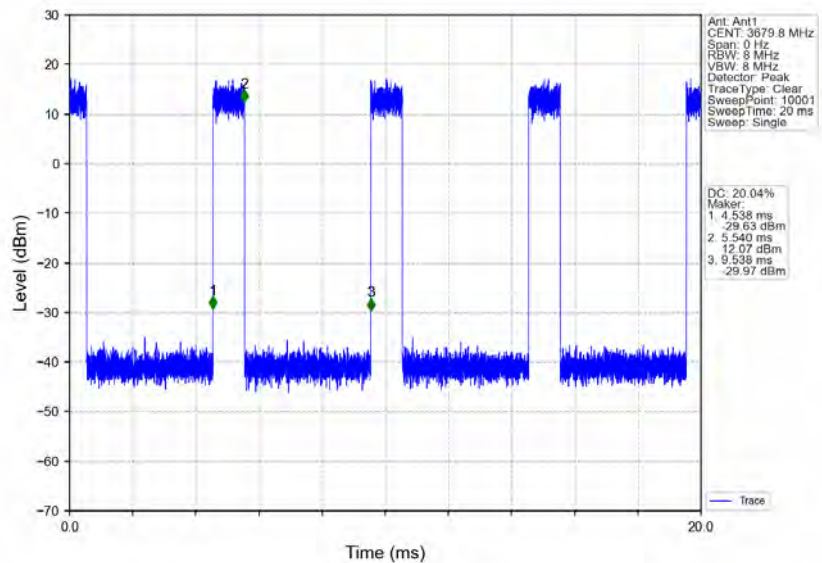
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n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_256_QAM_3679.98MHz_Outer_Full



n48_30kHz_MIMO_NTNV_40MHz_CP-OFDM_256_QAM_3679.98MHz_Inner_Full



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