

Appendix for KSCR2207001267AT-FCC-NR-Duty Cycle

1. Duty Cycle

1.1 15k_SISO_10MHz_NTNV

1.1.1 Test Result

5G NR n78d SCS=15kHz SISO 10MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
DFT-s-OFDM PI/2 BPSK	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	5.000	20.04	6.98	0.00
	Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00	
	3625.005	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.024	5.000	20.48	6.89	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	0.04
	Inner_1RB_Right	1.060	5.000	21.20	6.74	0.00	
	3694.995	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	0.03		
DFT-s-OFDM QPSK	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	5.000	20.04	6.98	0.00
	Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00	
	3625.005	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.03
		Inner_Full	1.000	5.000	20.00	6.99	0.04
		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	
	3694.995	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.04
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
Inner_Full		1.002	5.000	20.04	6.98	0.00	
Inner_1RB_Left		1.002	5.000	20.04	6.98	0.00	
Inner_1RB_Right	1.000	5.000	20.00	6.99	0.04		
DFT-s-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	5.000	20.04	6.98	0.00



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	3625.005	Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.03
		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	1.002	5.000	20.04	6.98	0.00
	3694.995	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
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
DFT-s-OFDM 64 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	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3625.005	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
	3694.995	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
DFT-s-OFDM 256 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	0.04
		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
	3625.005	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
	3694.995	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
CP-OFDM QPSK	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	1.004	5.000	20.08	6.97	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00



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	3625.005	Inner_1RB_Right	1.002	5.000	20.04	6.98	0.04
		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	0.04
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3694.995	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
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	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3625.005	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	0.03
		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
	3694.995	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
CP-OFDM 64 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	1.000	5.000	20.00	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
	3625.005	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.04
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.04
	3694.995	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	0.01
		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	1.002	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



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	3625.005	Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3694.995	Edge_1RB_Left	1.000	4.998	20.01	6.99	0.03
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		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



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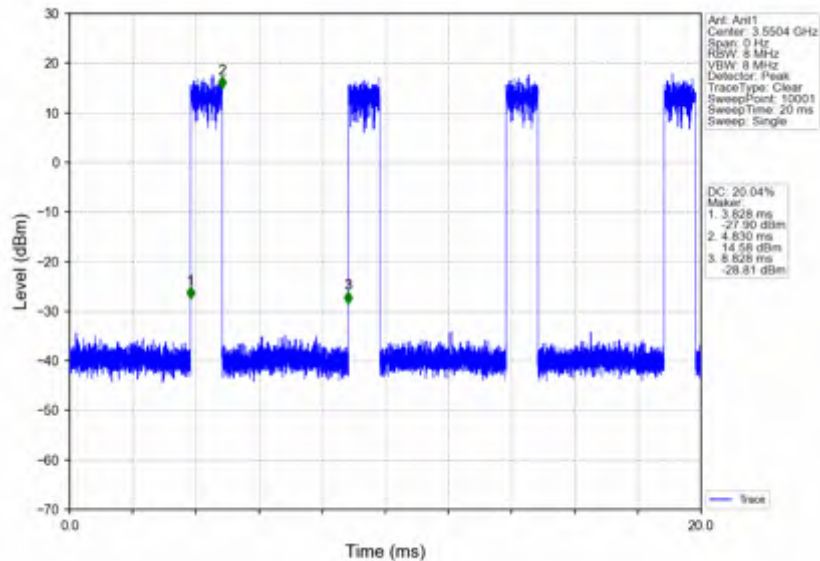
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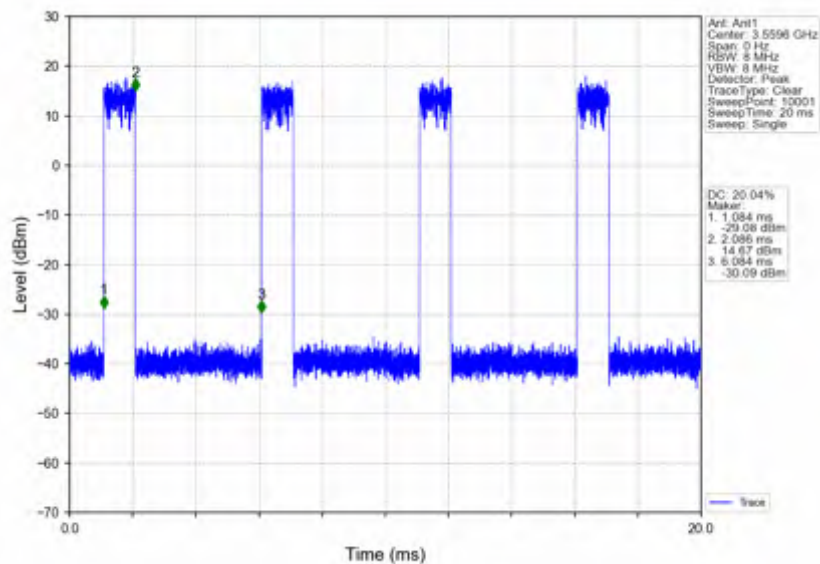
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1.1.2 Test Graph

n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3555MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3555MHz_Edge_1RB_Right



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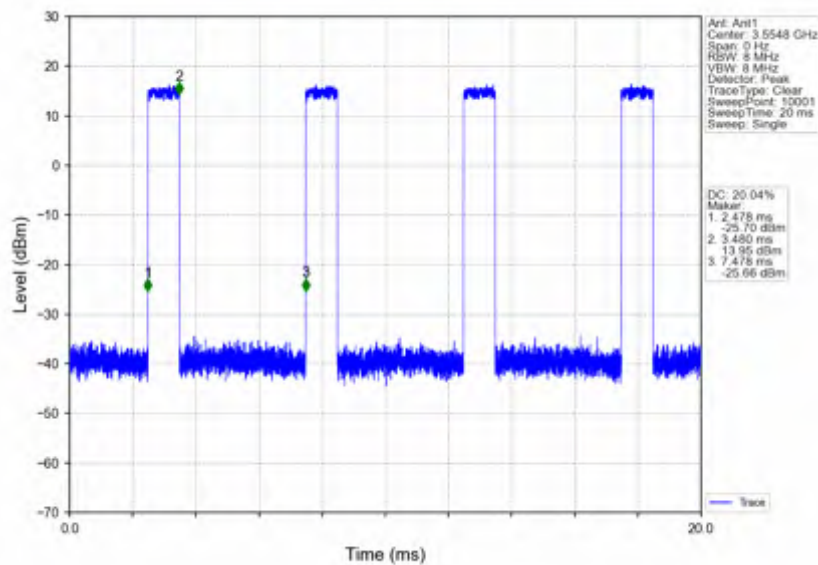
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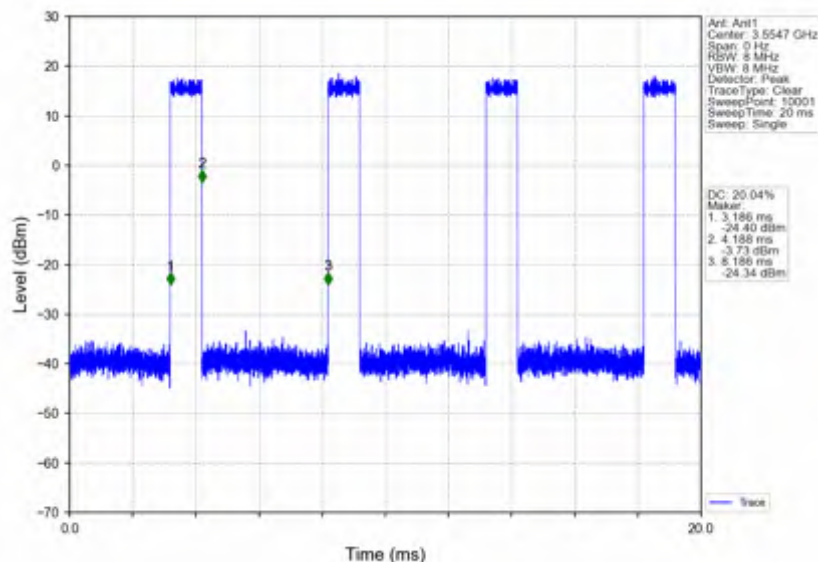
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3555MHz_Outer_Full



n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3555MHz_Inner_Full



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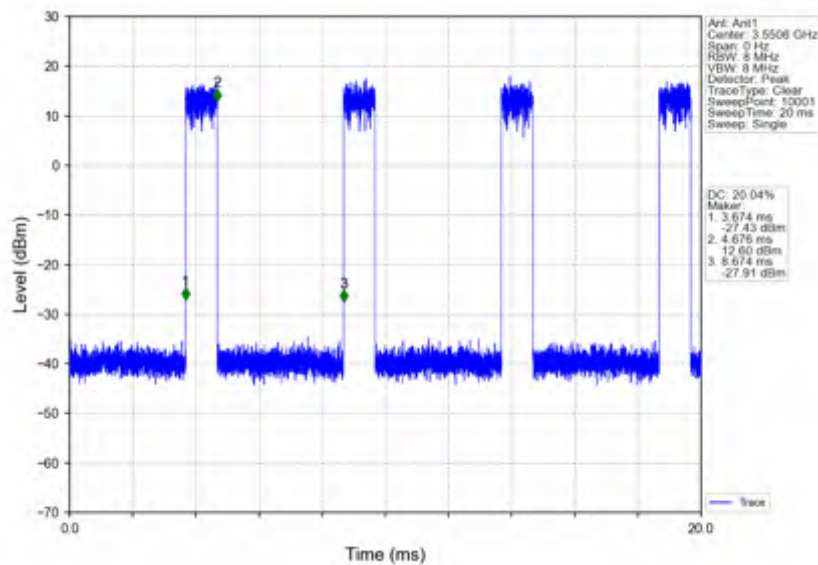
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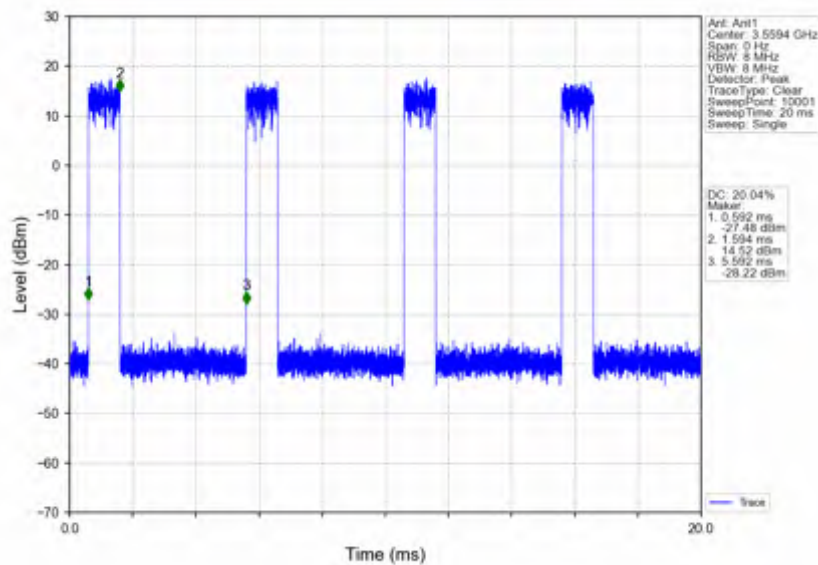
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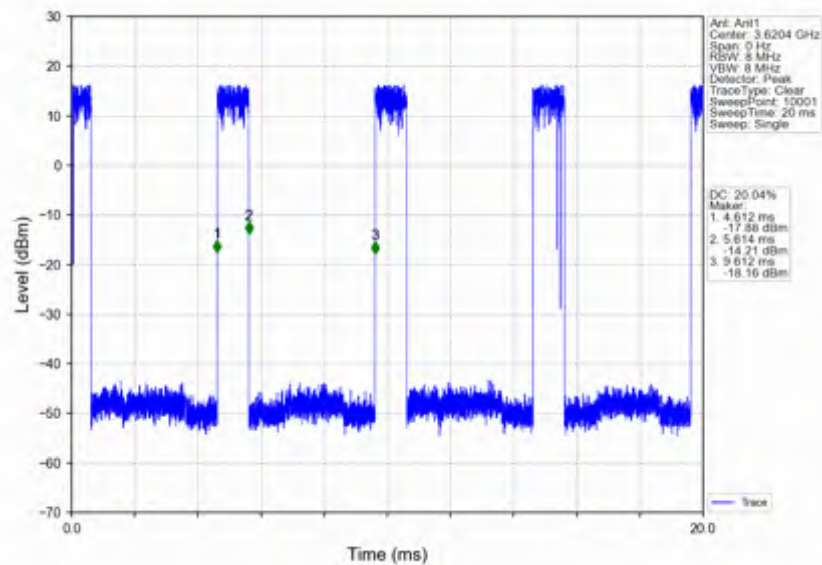
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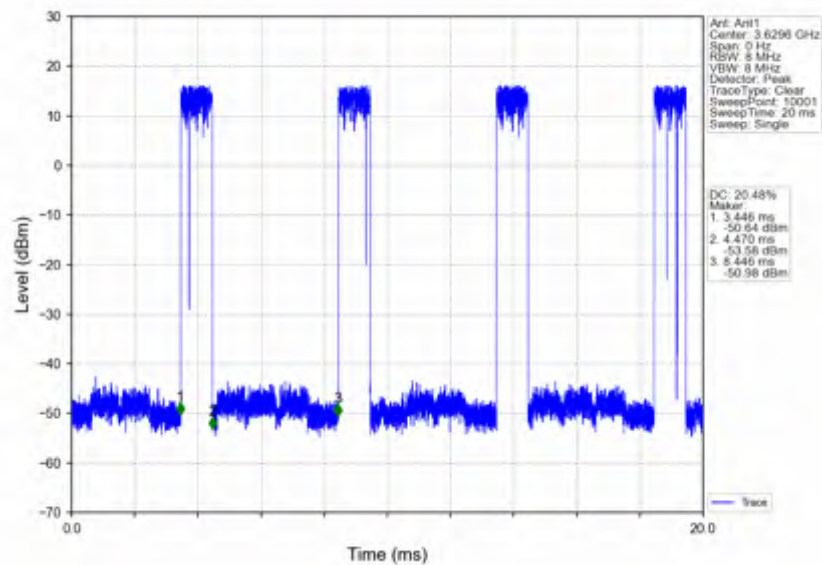
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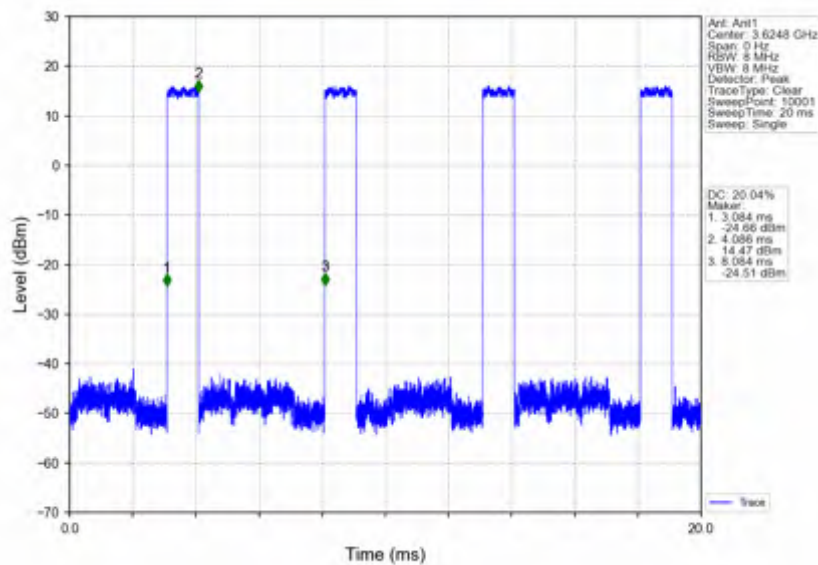
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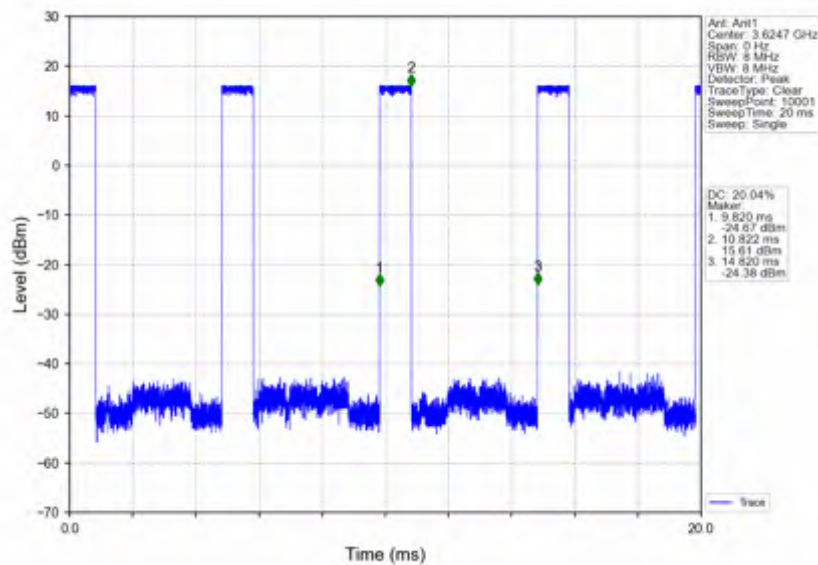
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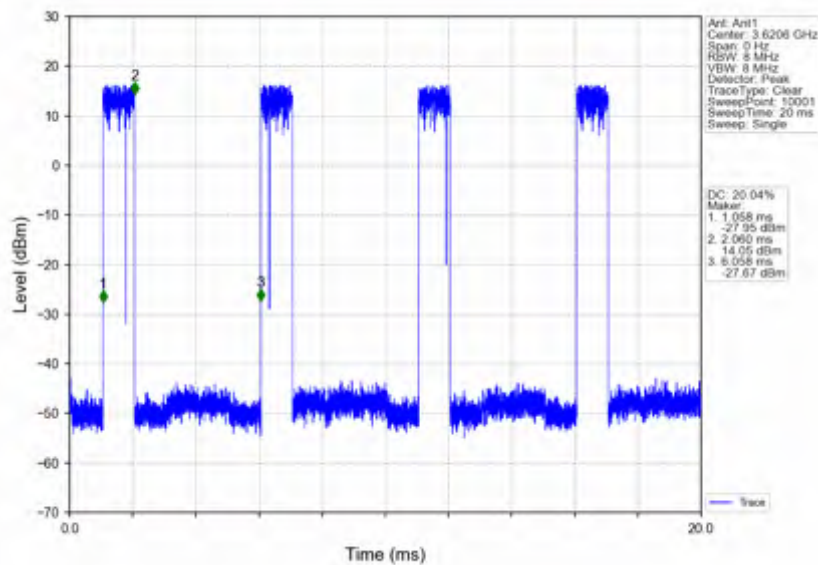


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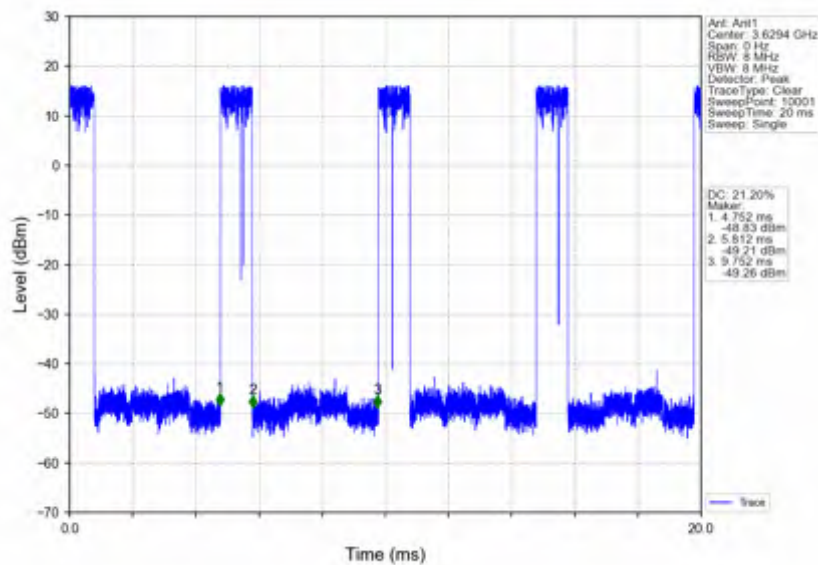
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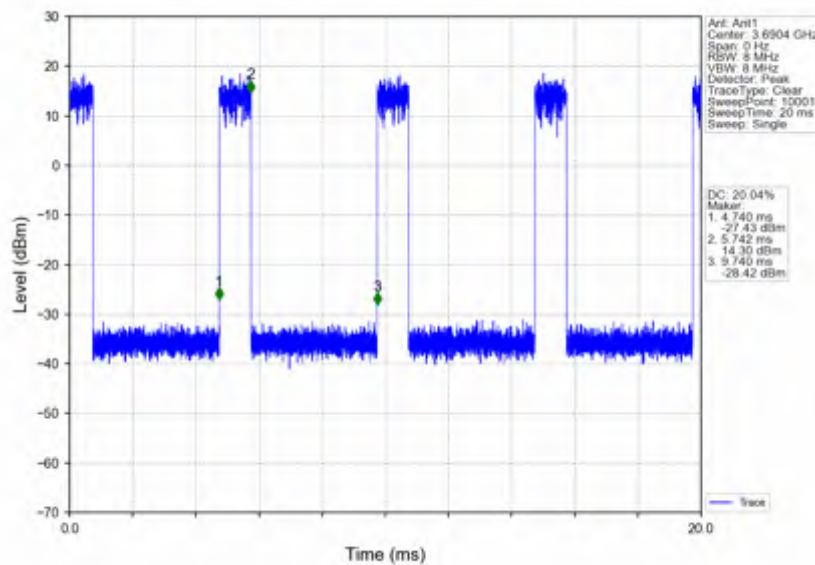
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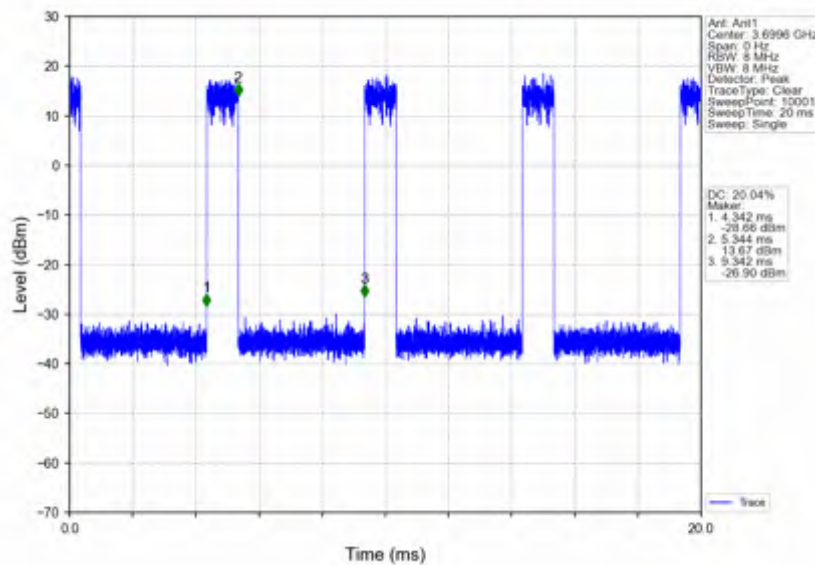
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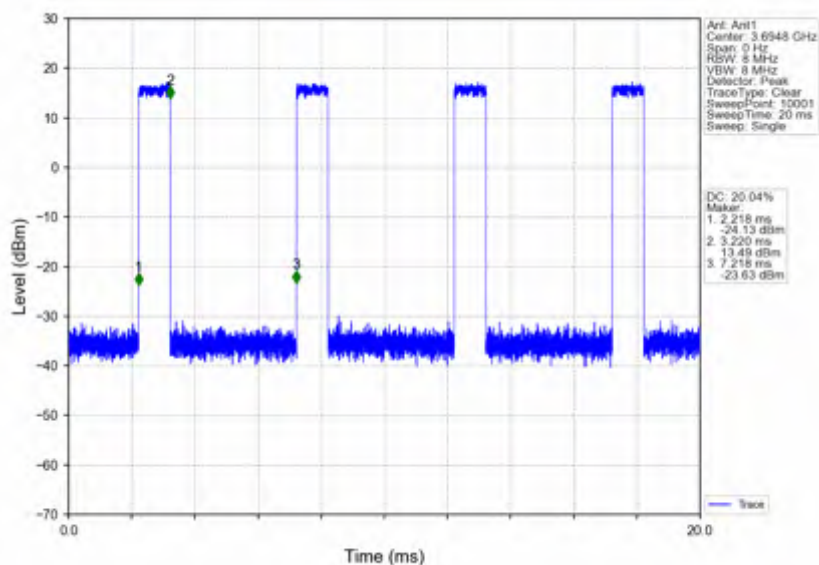
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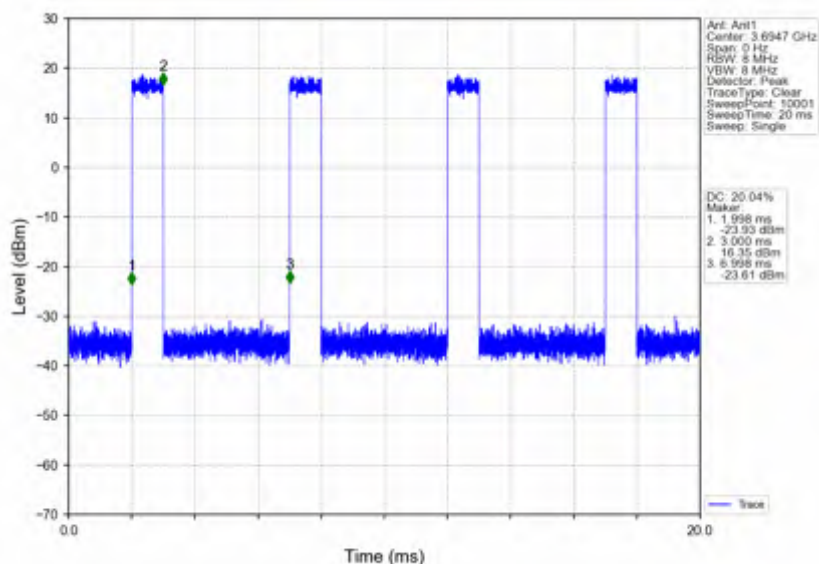
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n78d	15kHz	SISO	NTNV	10MHz	DFT-s-OFDM	PI/2 BPSK	3694.995MHz	Outer	Full
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n78d	15kHz	SISO	NTNV	10MHz	DFT-s-OFDM	PI/2 BPSK	3694.995MHz	Inner	Full
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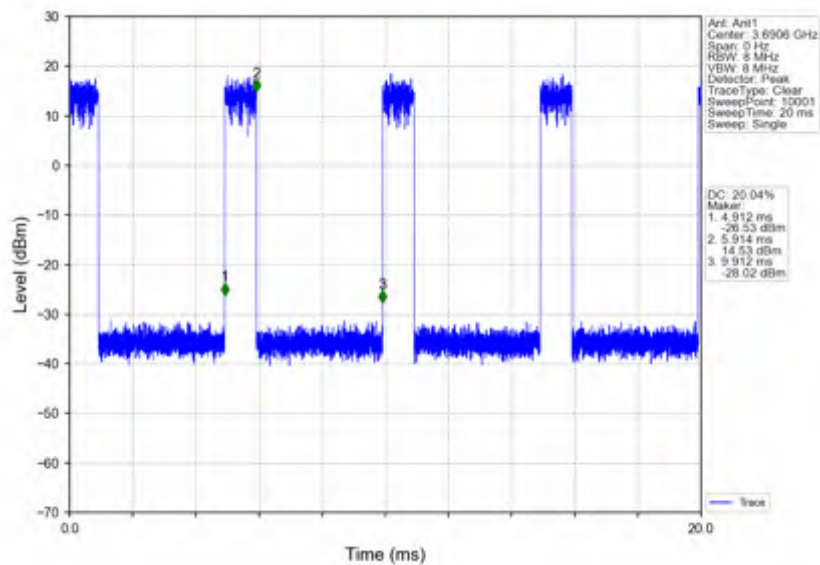


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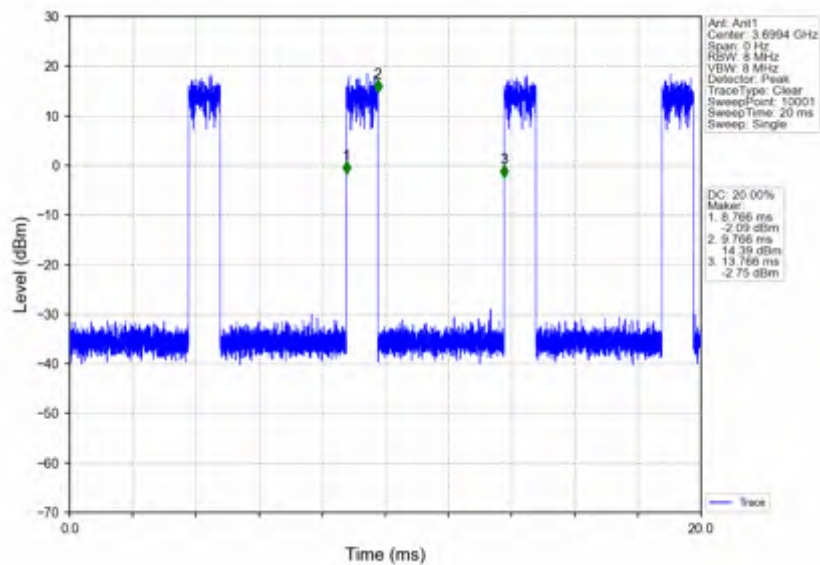
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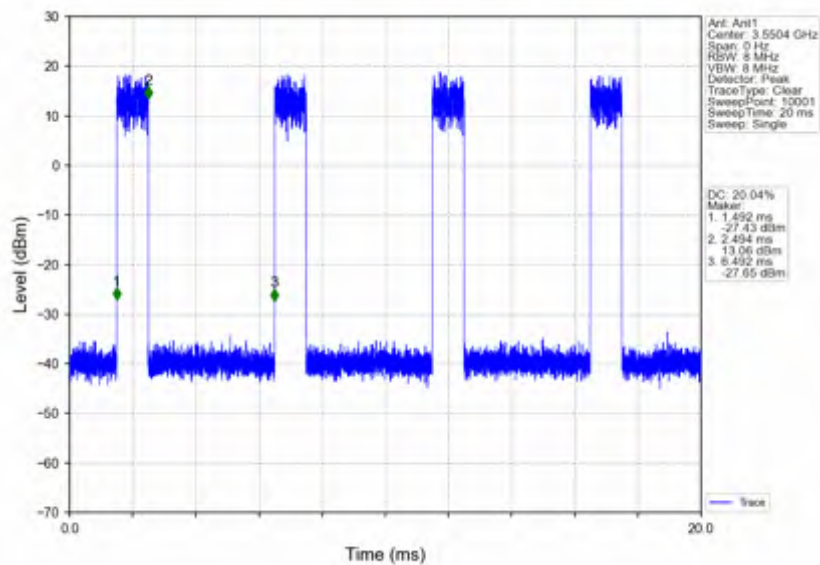
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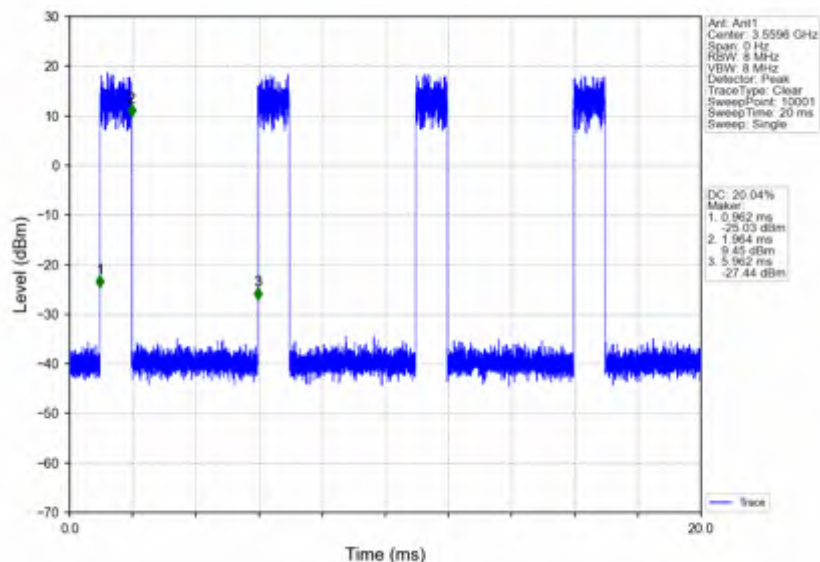
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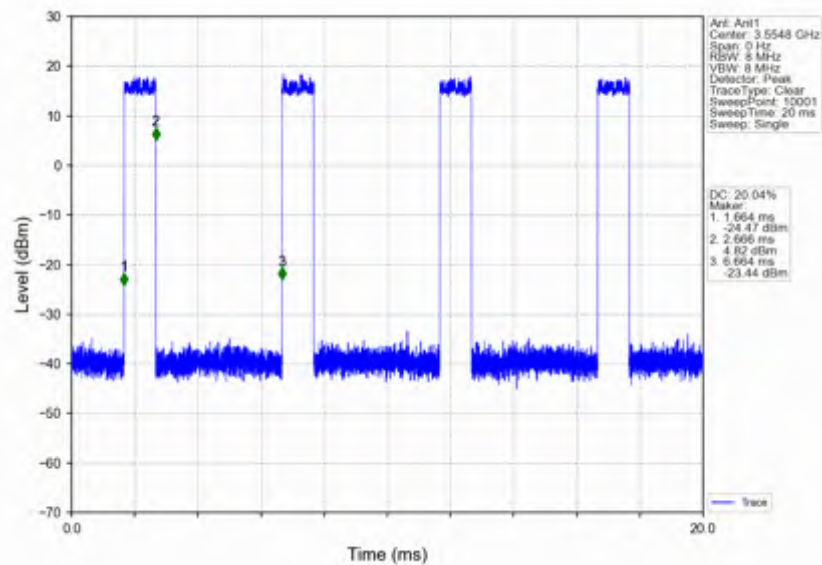
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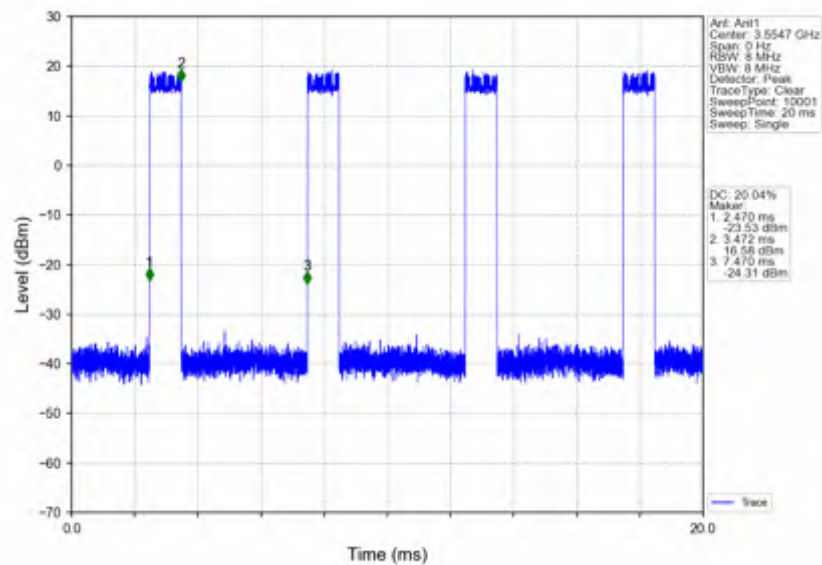
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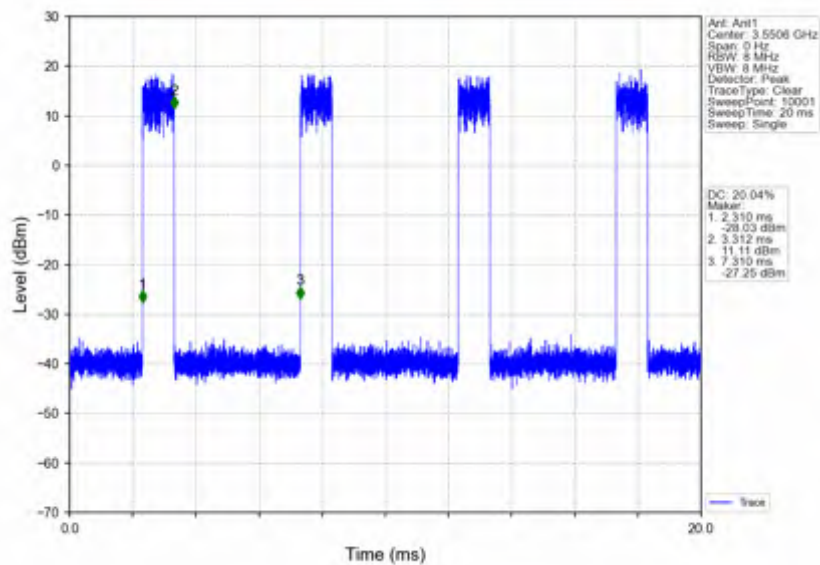
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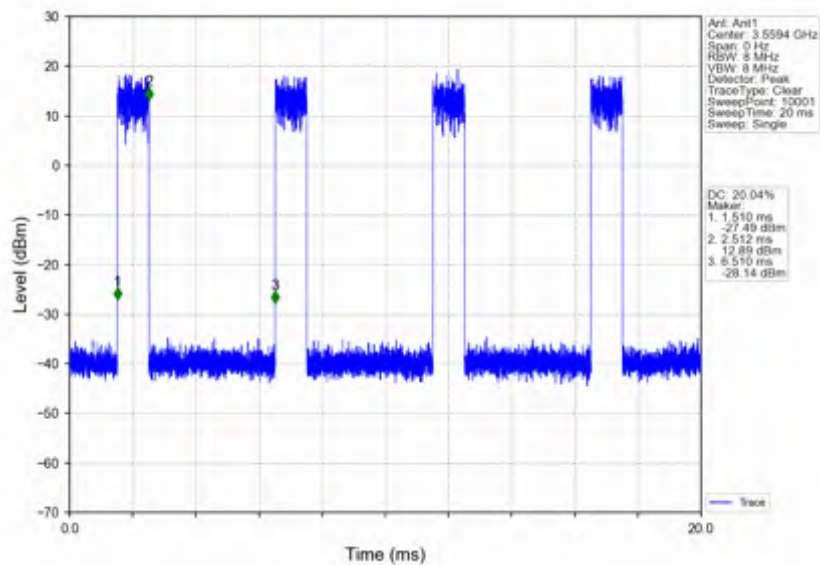
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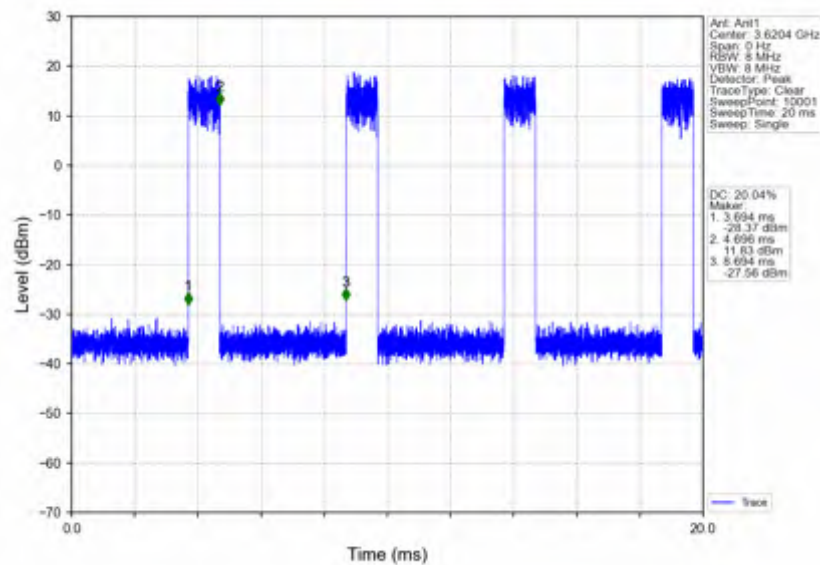
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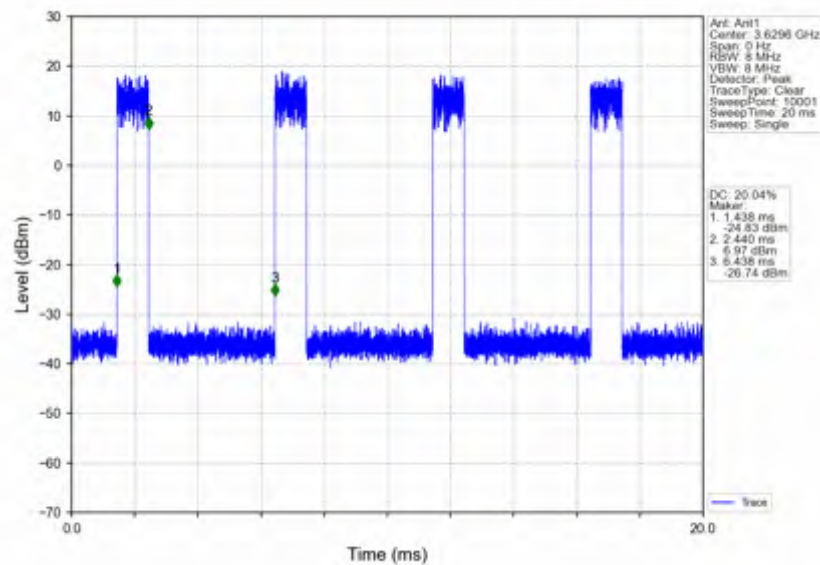
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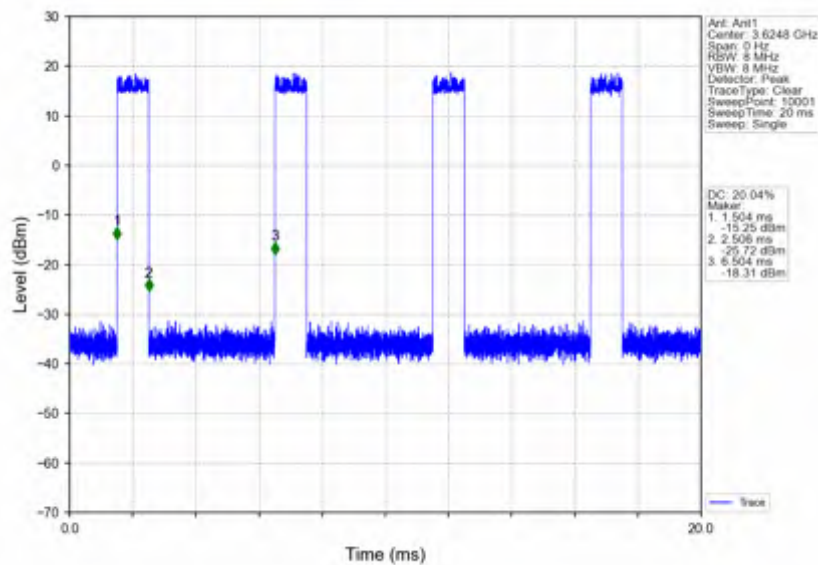
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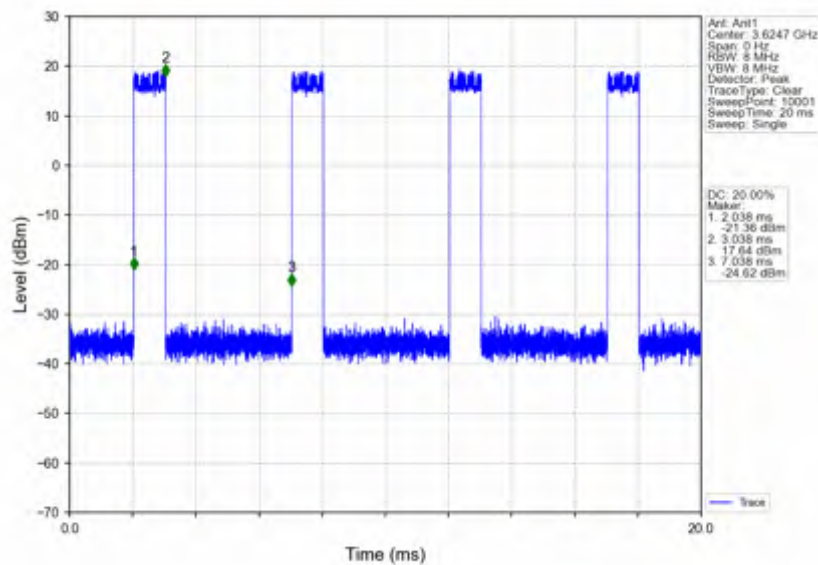
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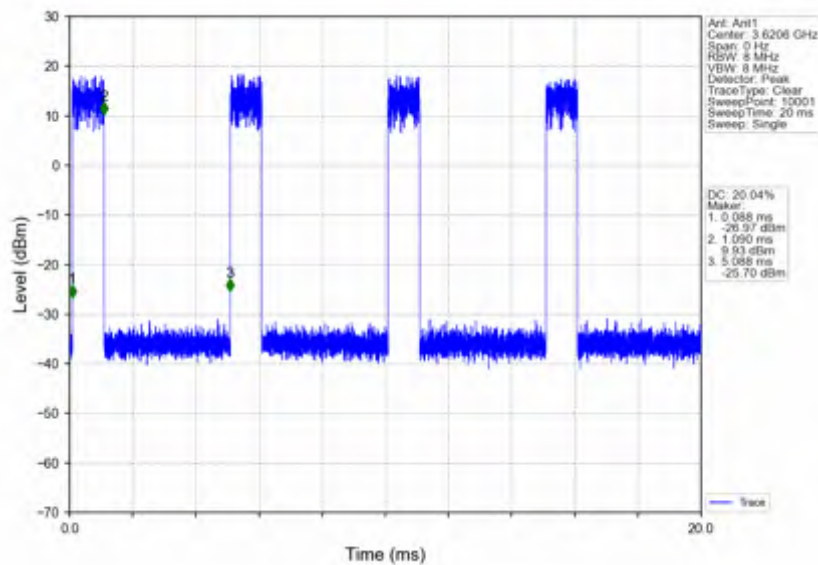
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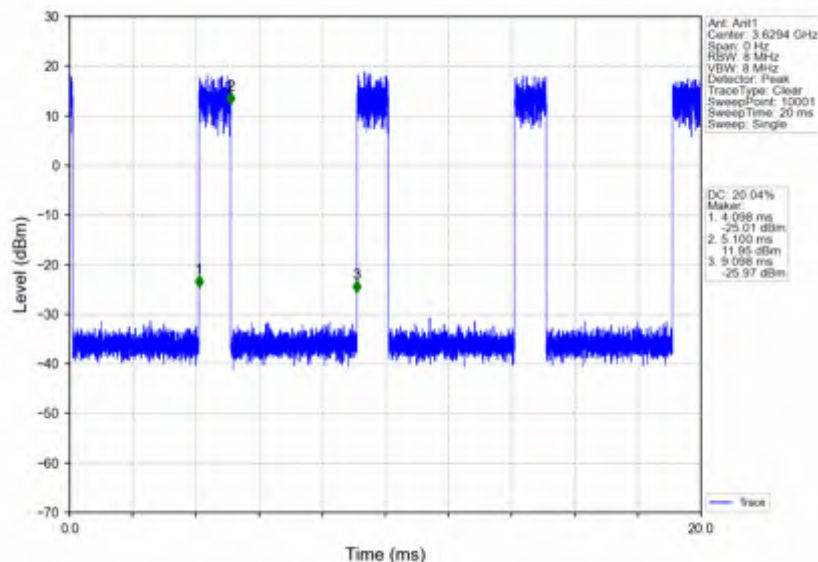
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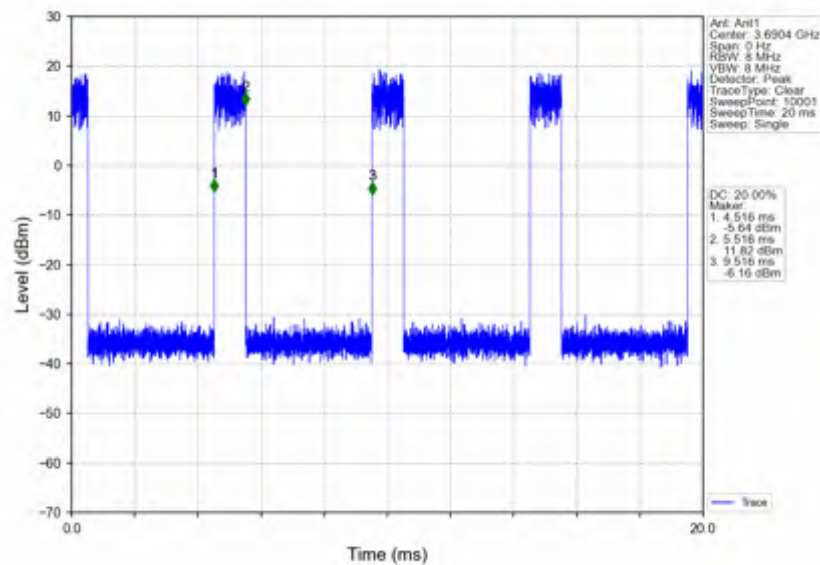
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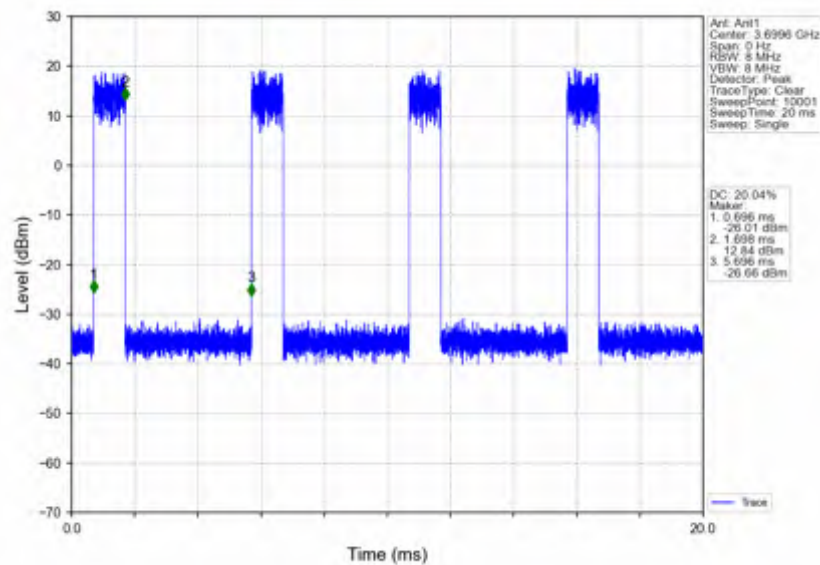
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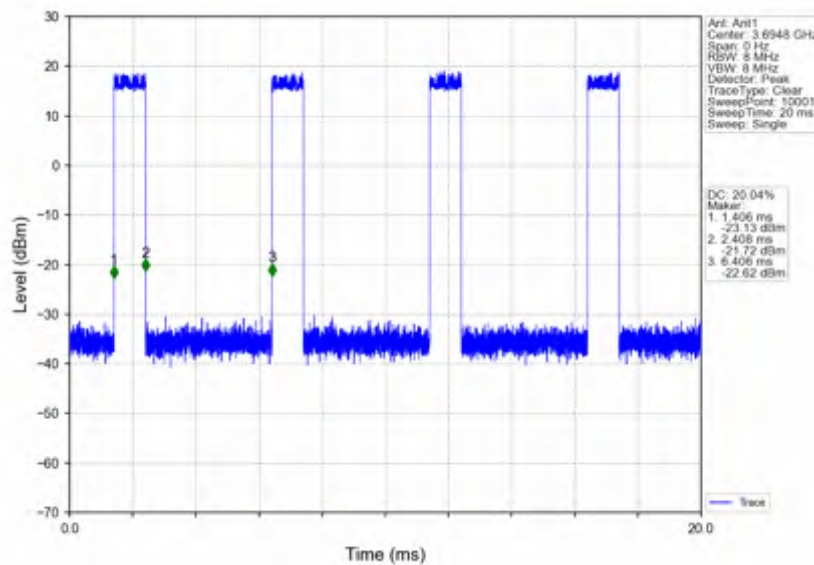
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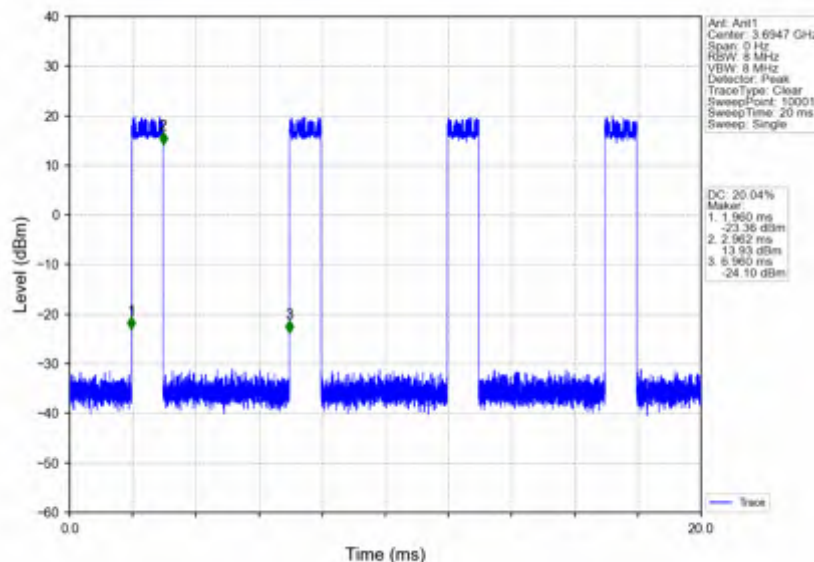
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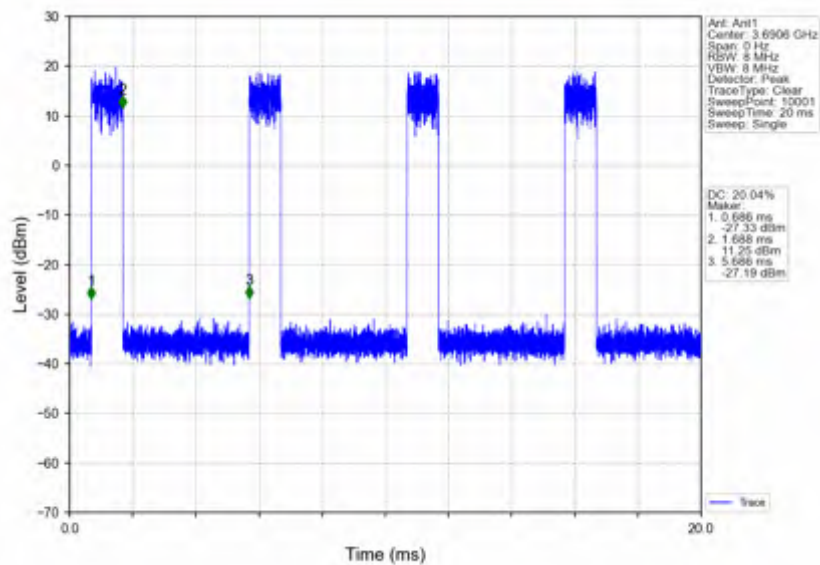
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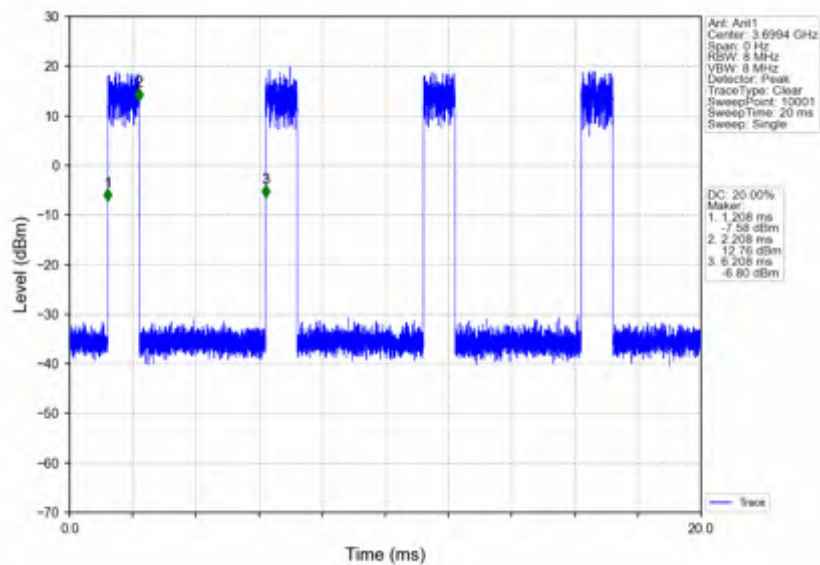
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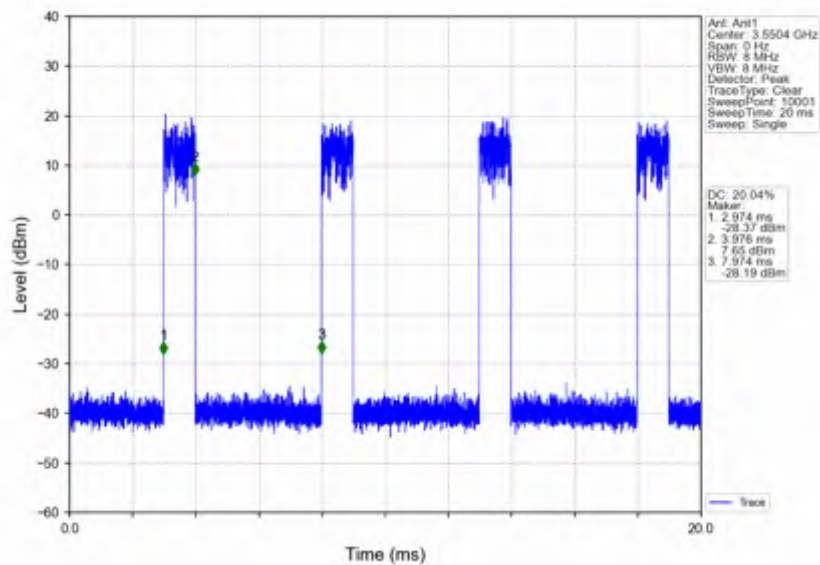
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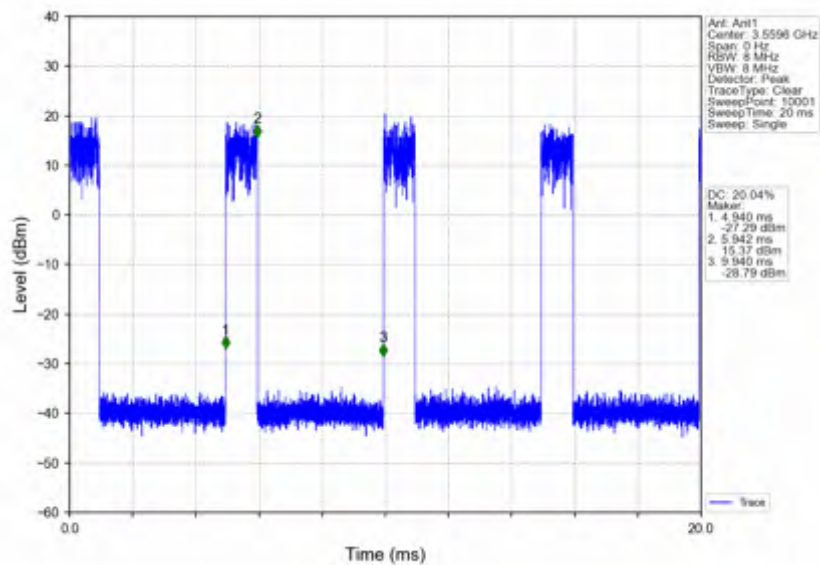
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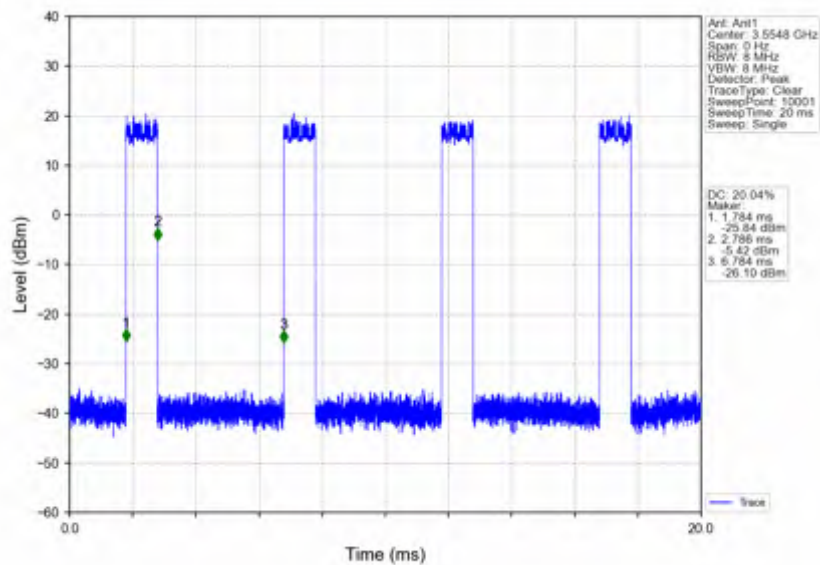


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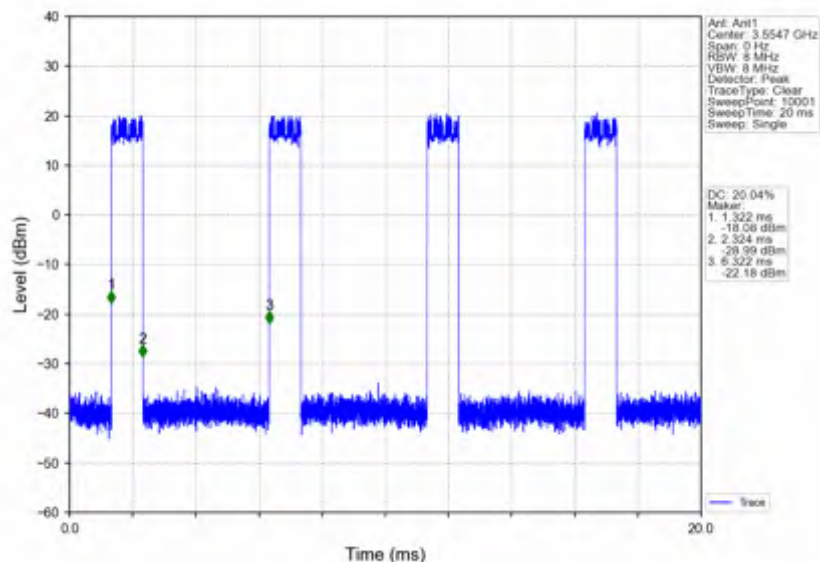
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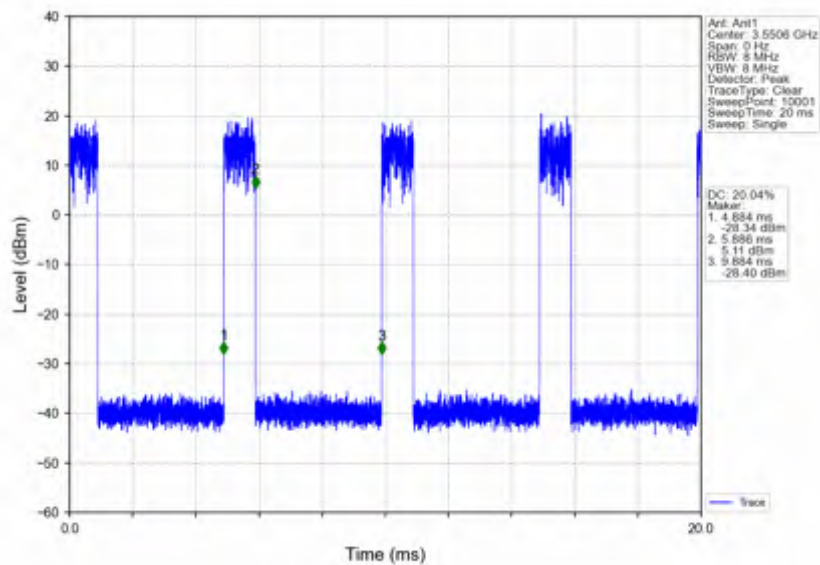
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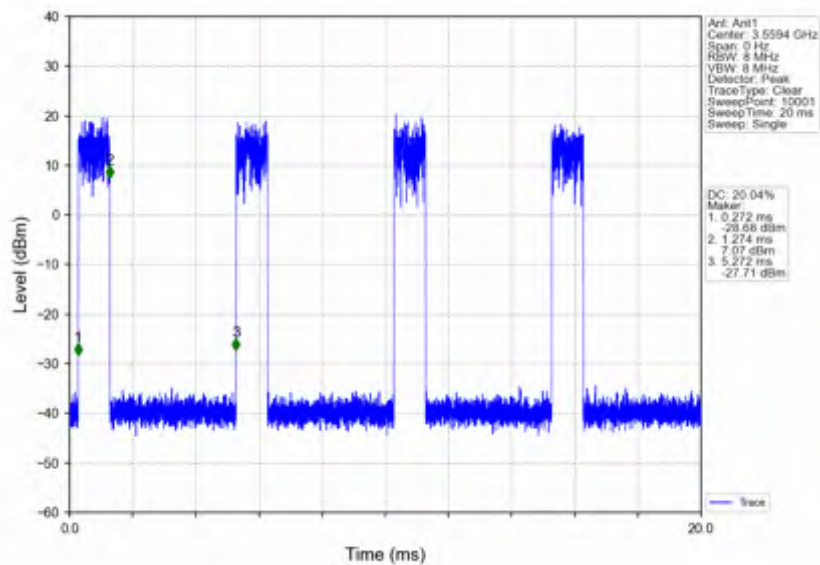
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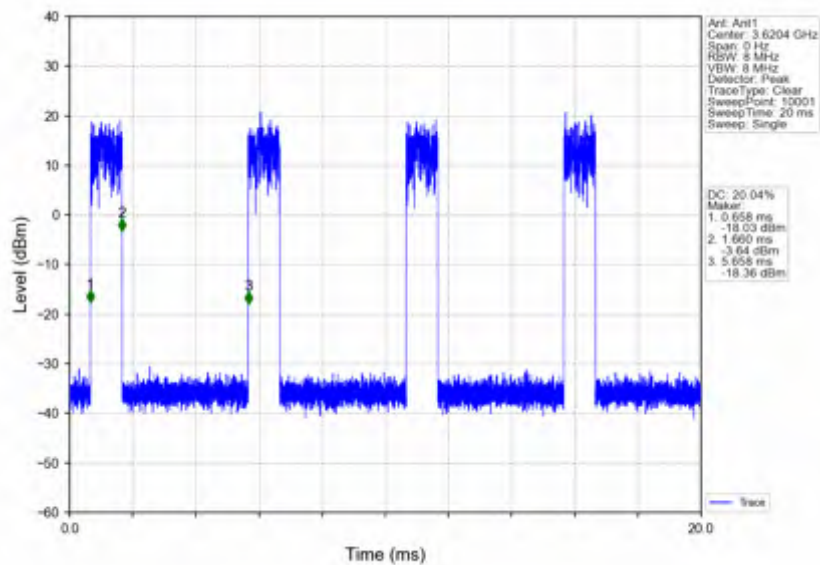


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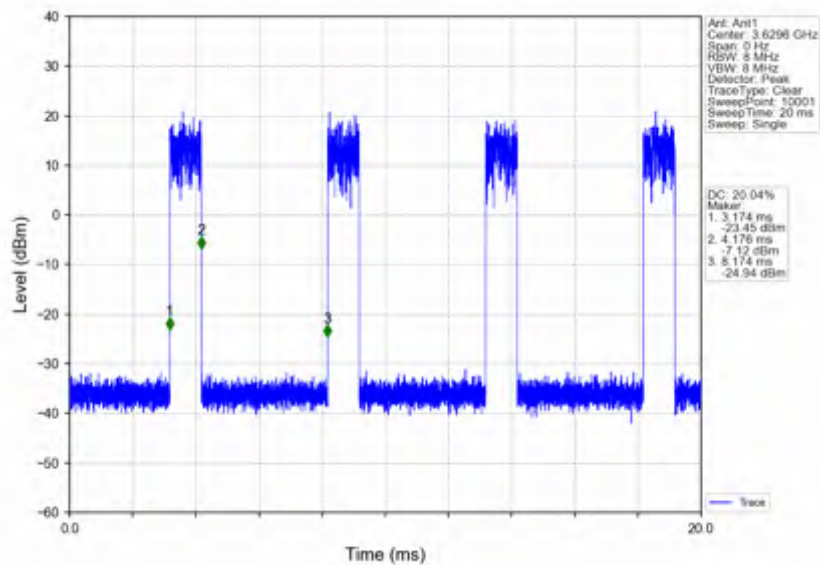
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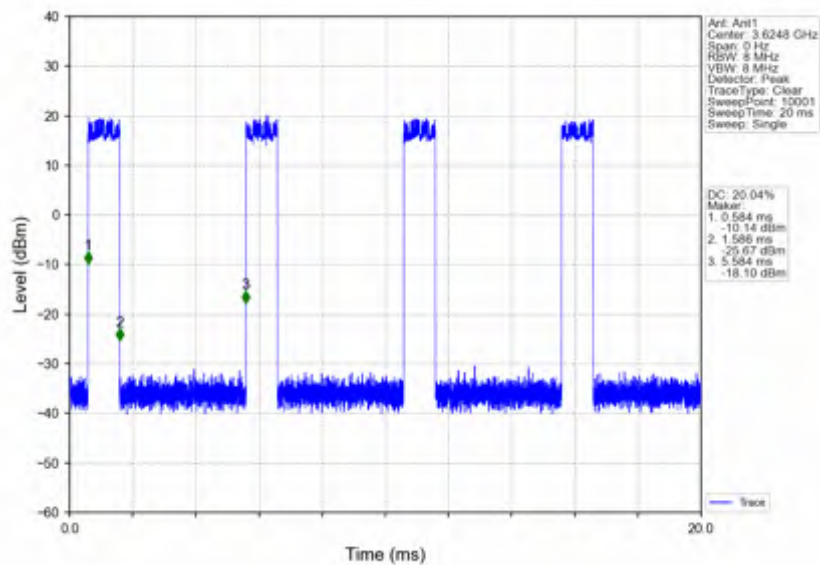
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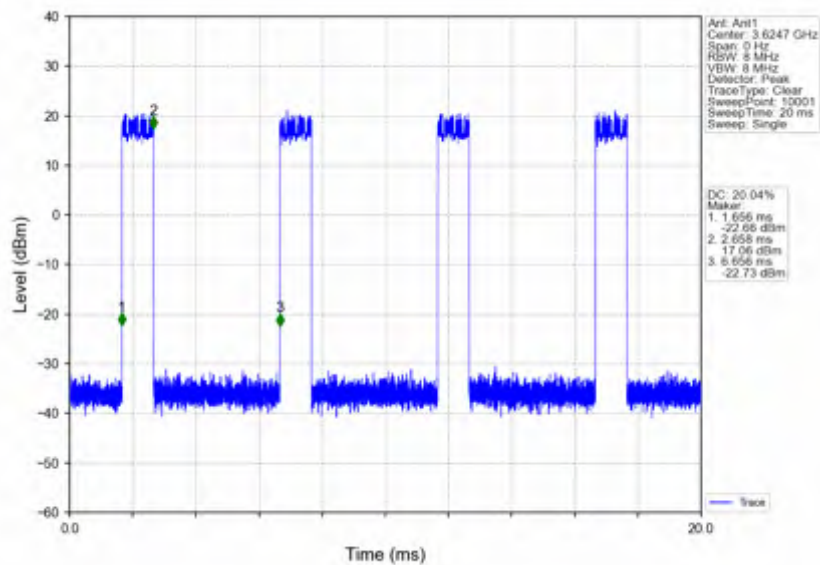
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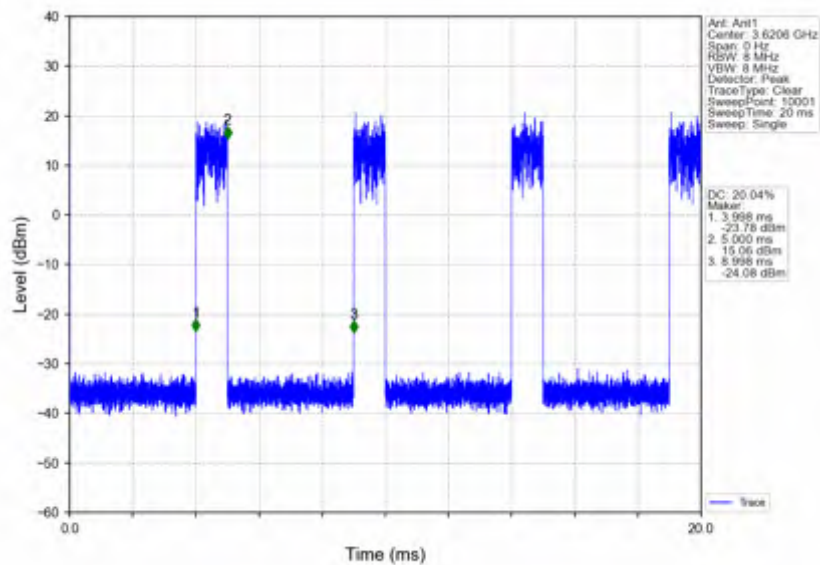
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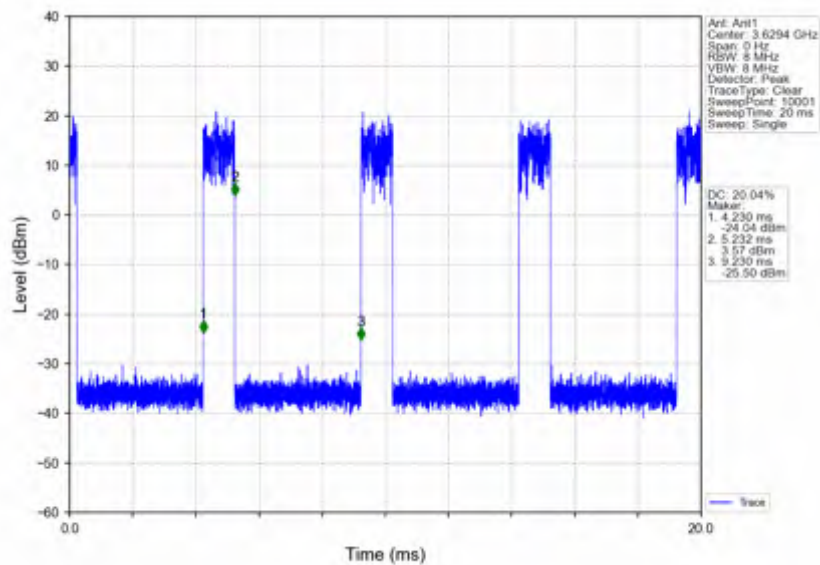
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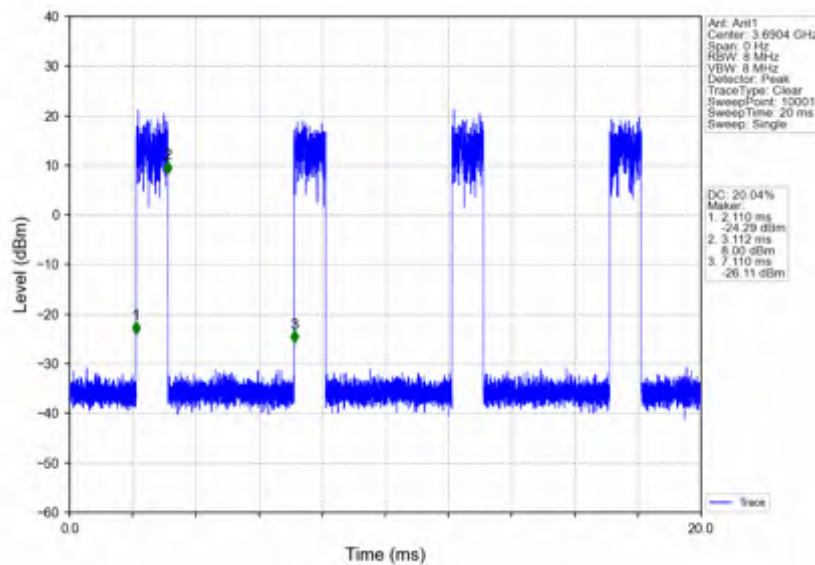
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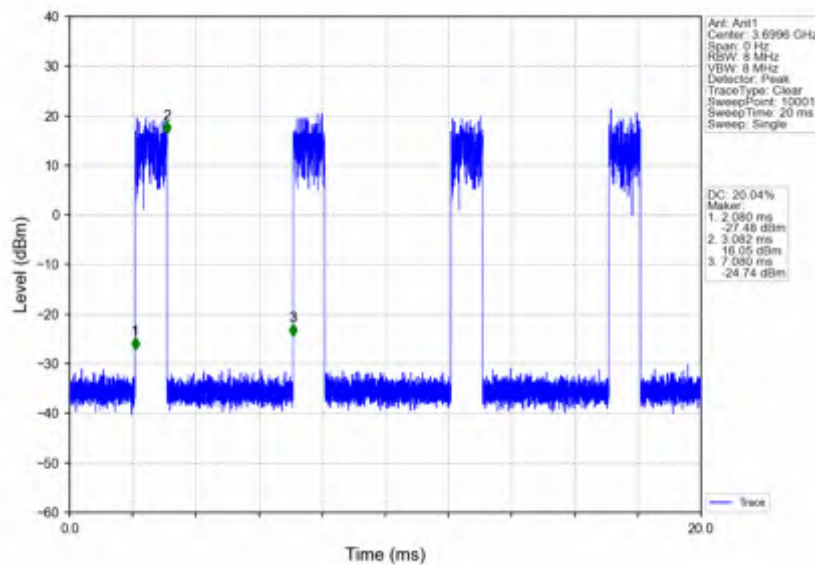
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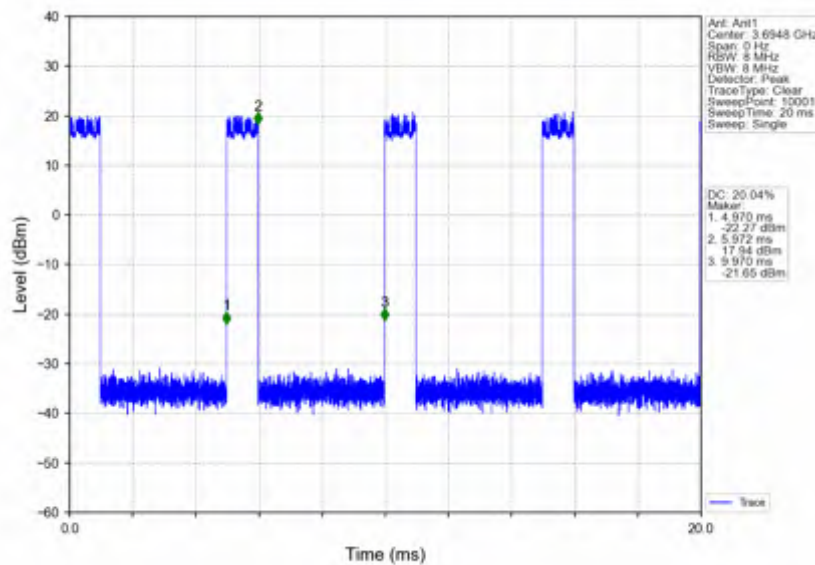
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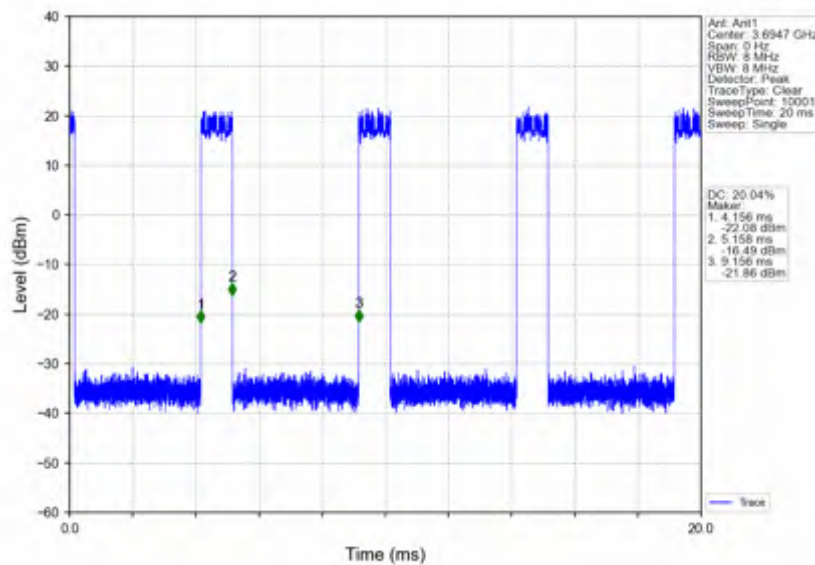
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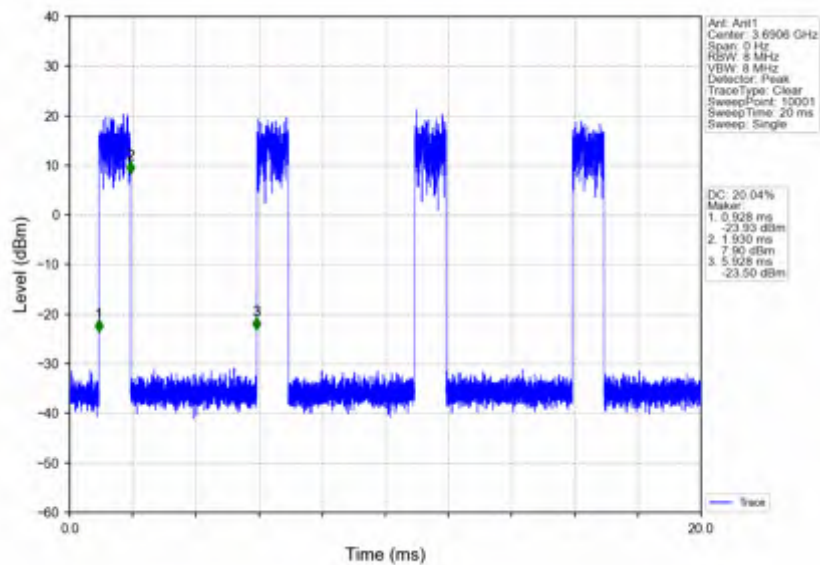
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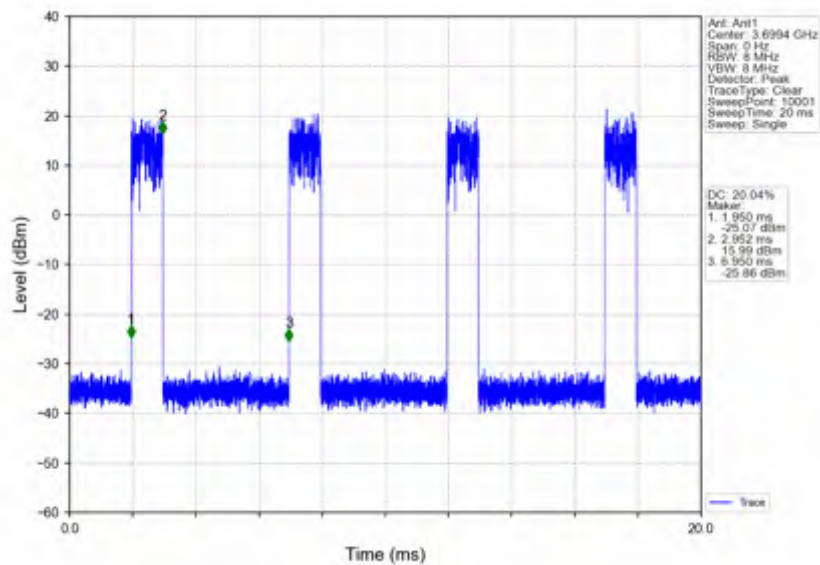
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3694.995MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3694.995MHz_Inner_1RB_Right



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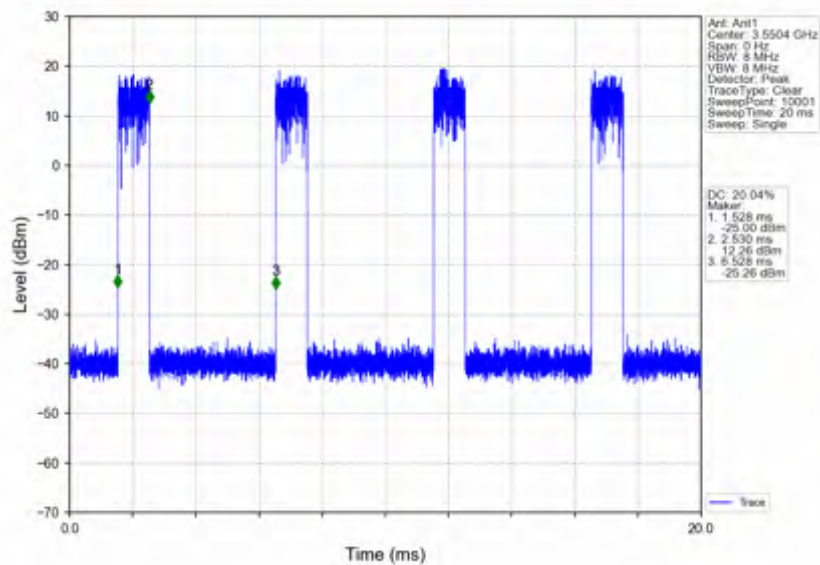
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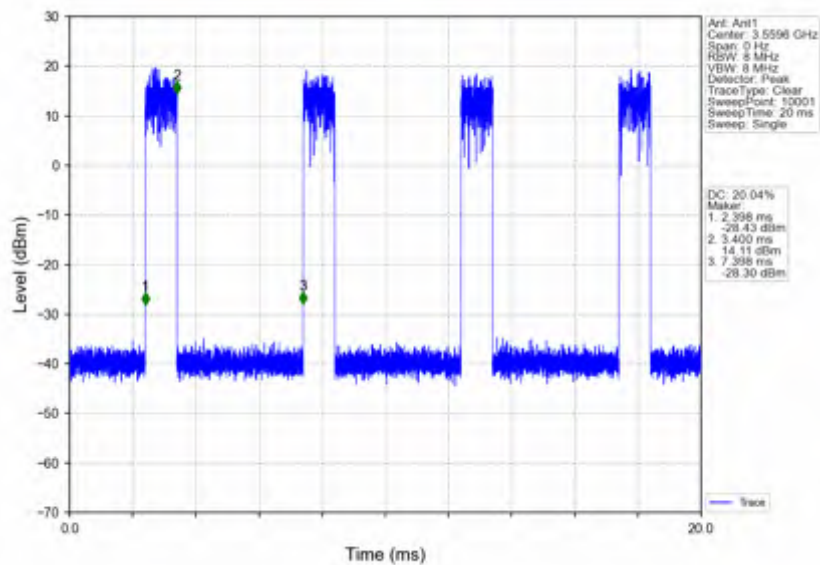
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_3555MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_3555MHz_Edge_1RB_Right



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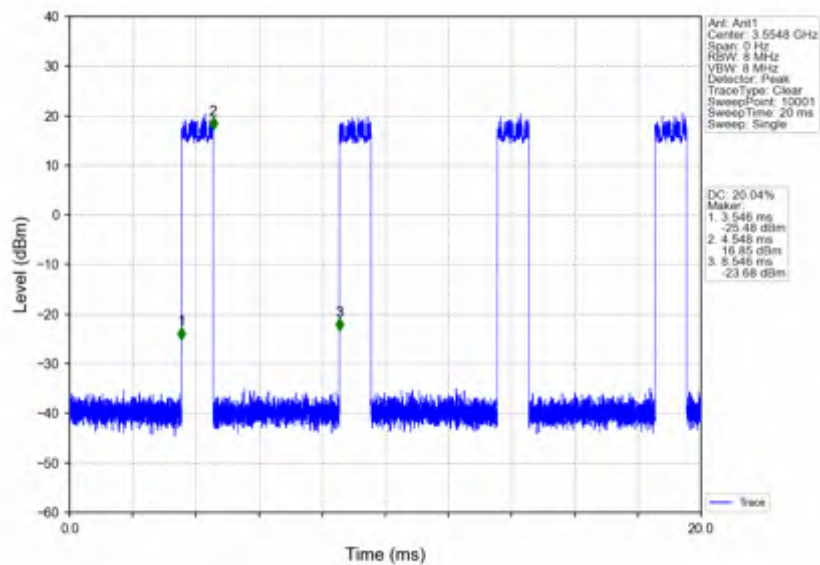
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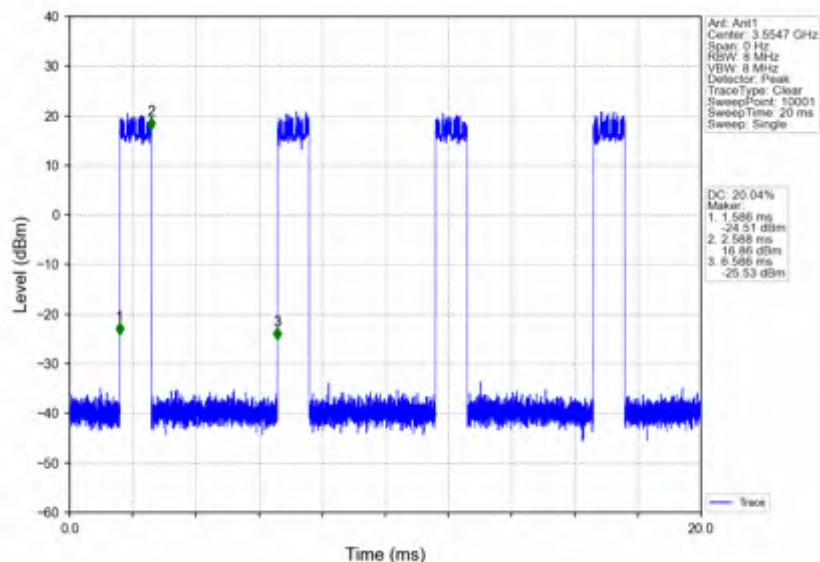
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_3555MHz_Outer_Full



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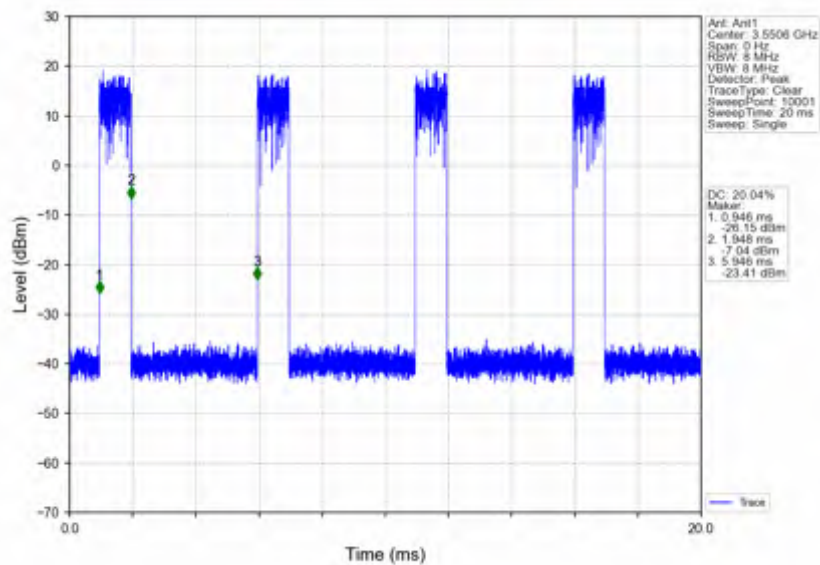
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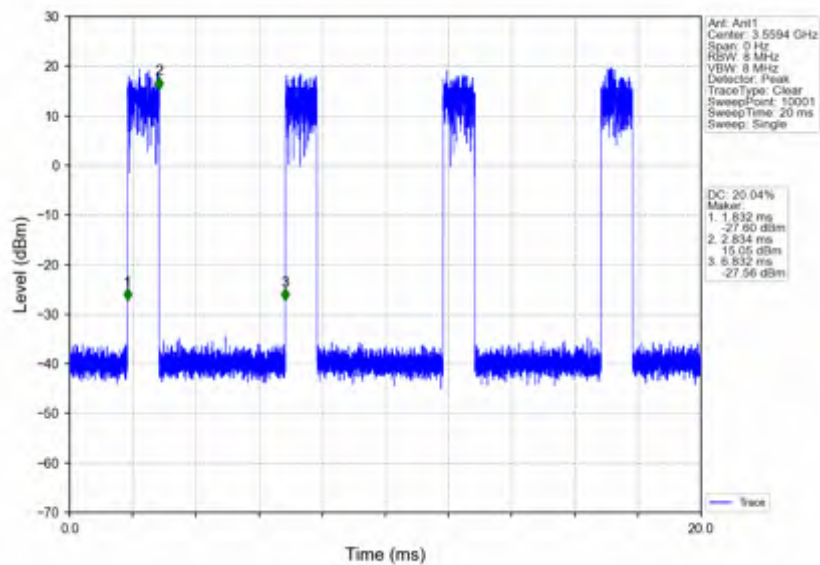
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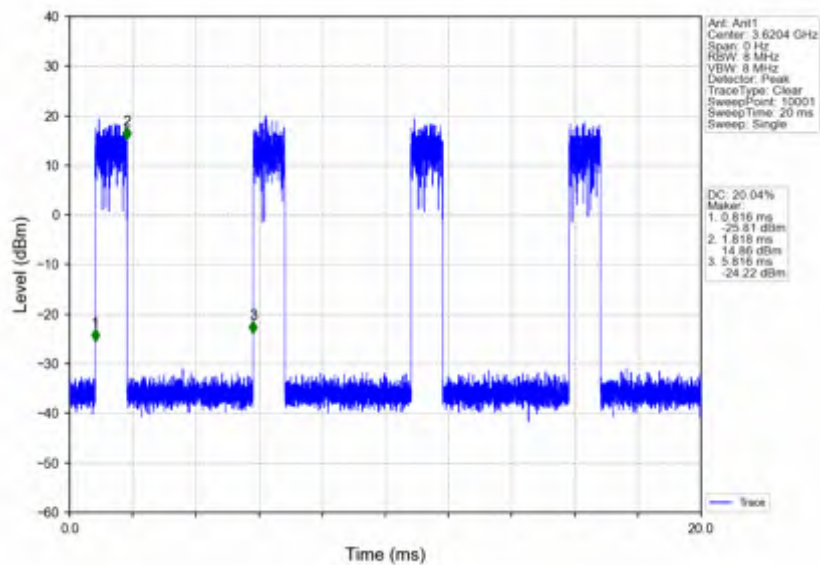
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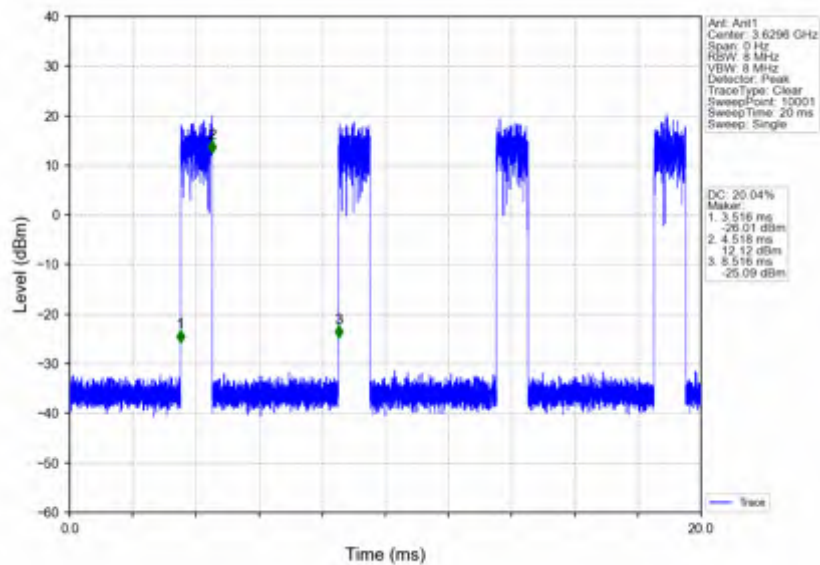
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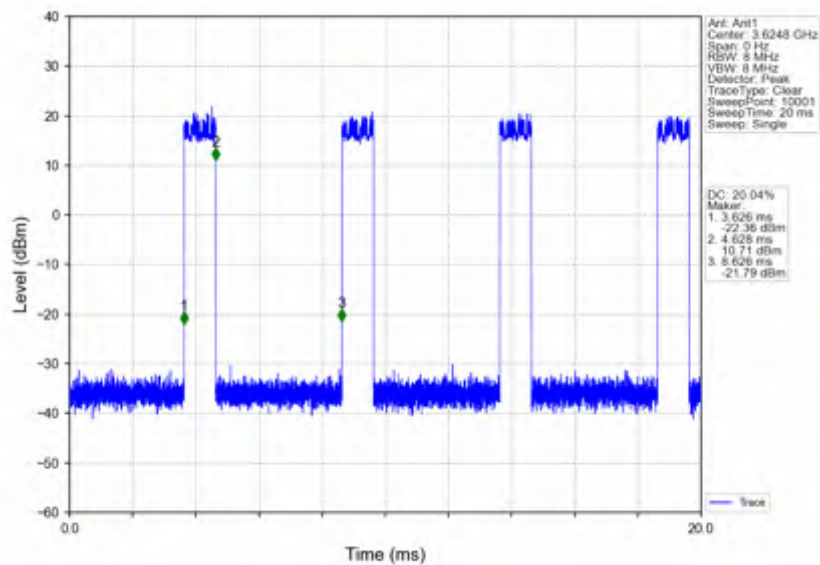
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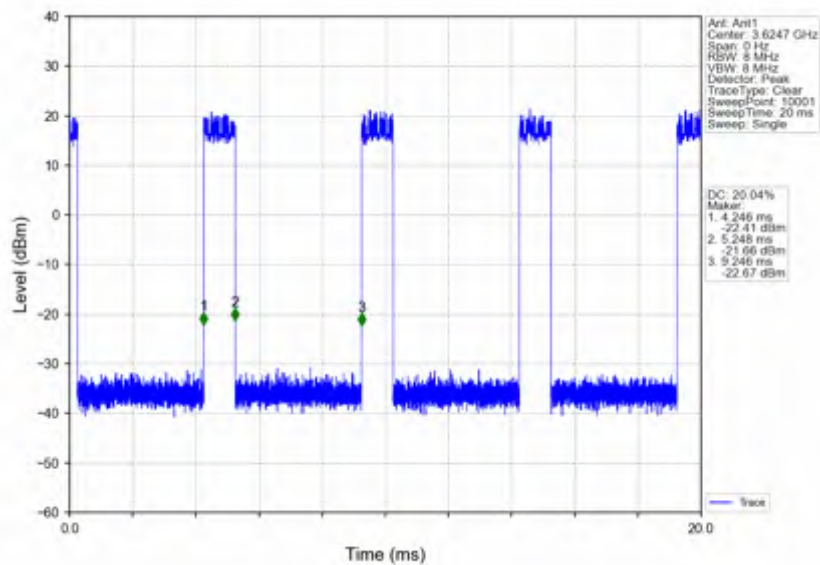
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3625.005MHz_Outer_Full



n78d	15kHz	SISO	NTNV	10MHz	DFT-s-OFDM	64 QAM	3625.005MHz	Inner	Full
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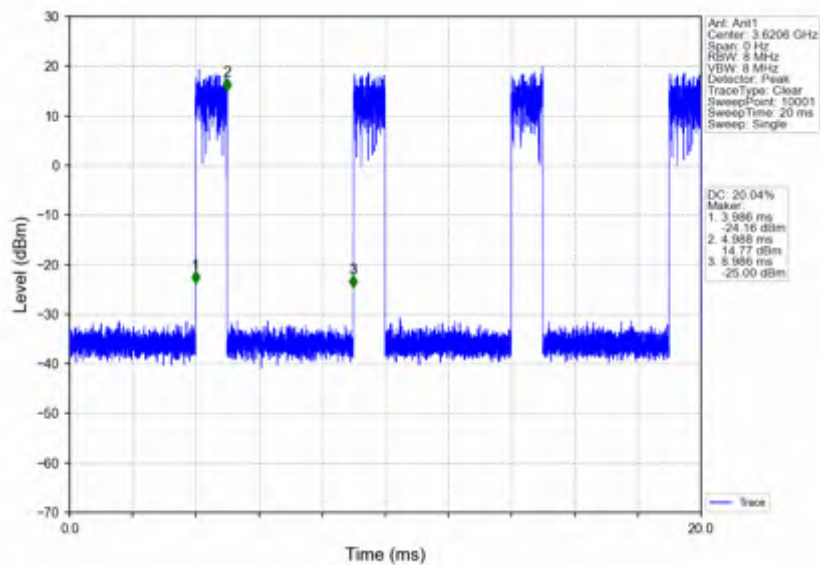


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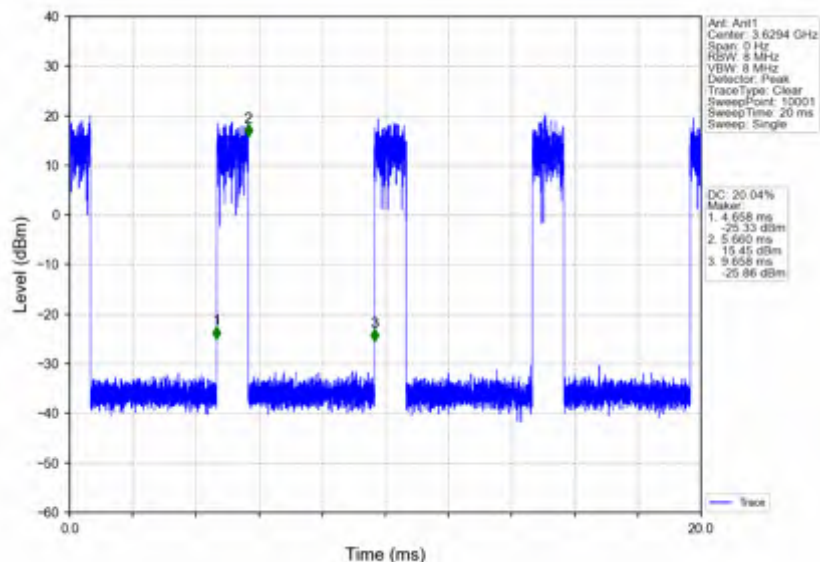
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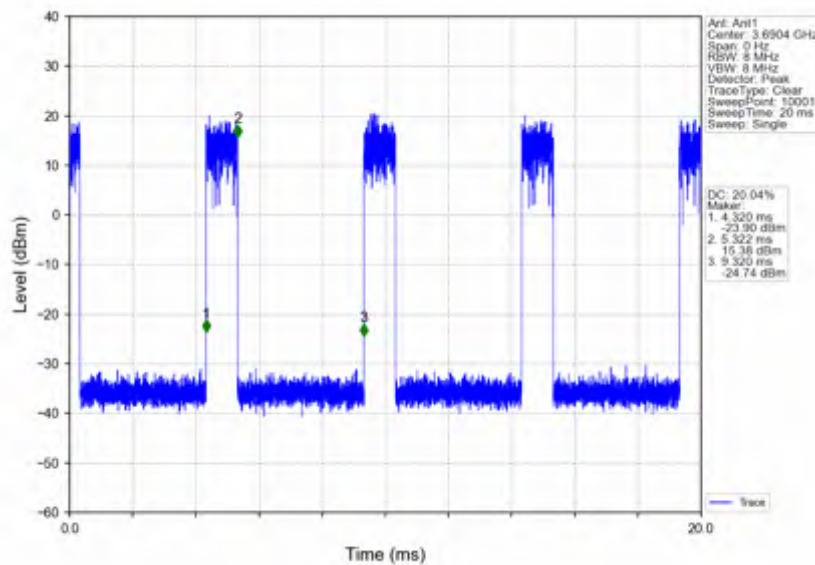
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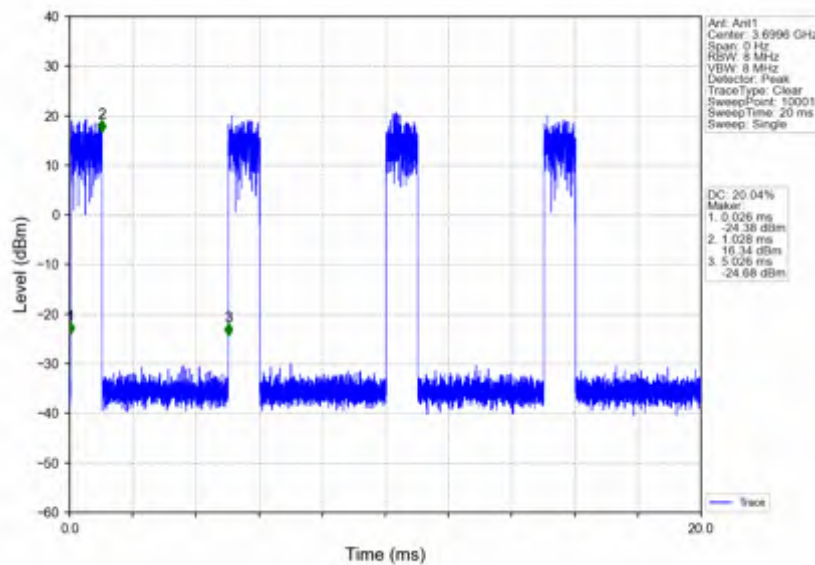
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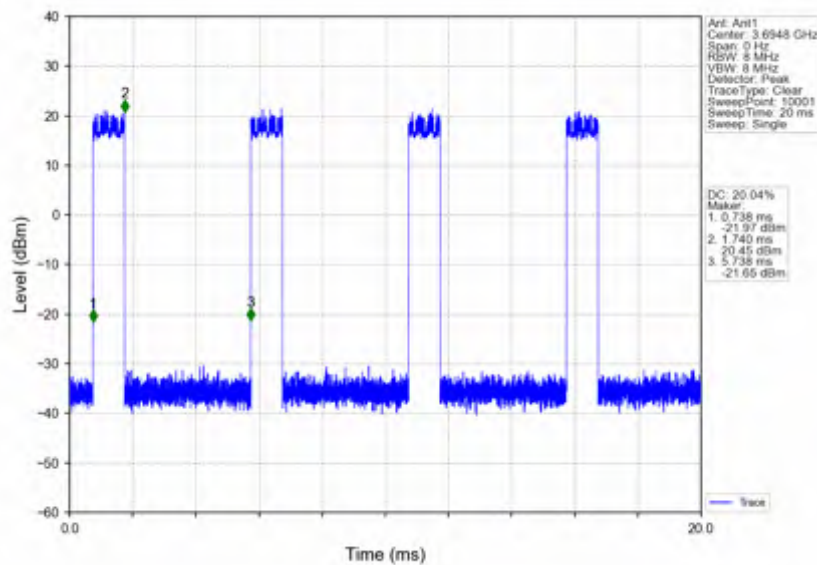
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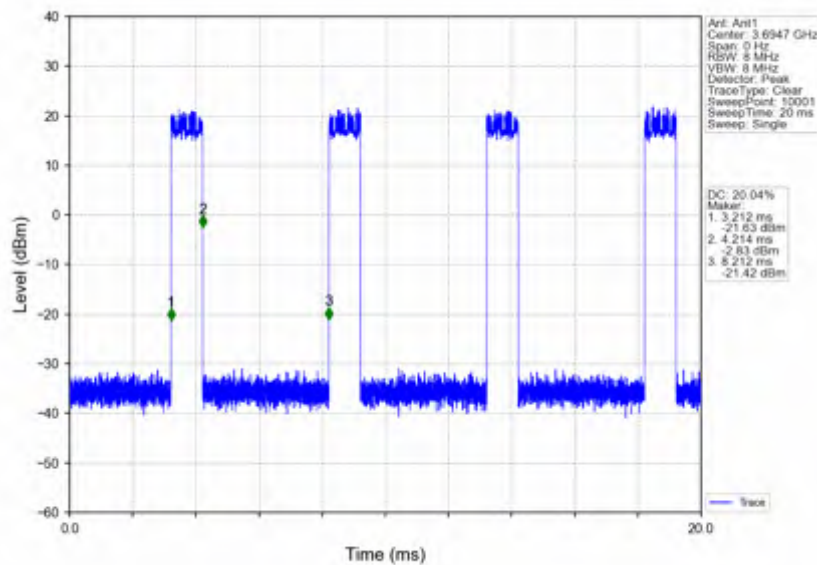
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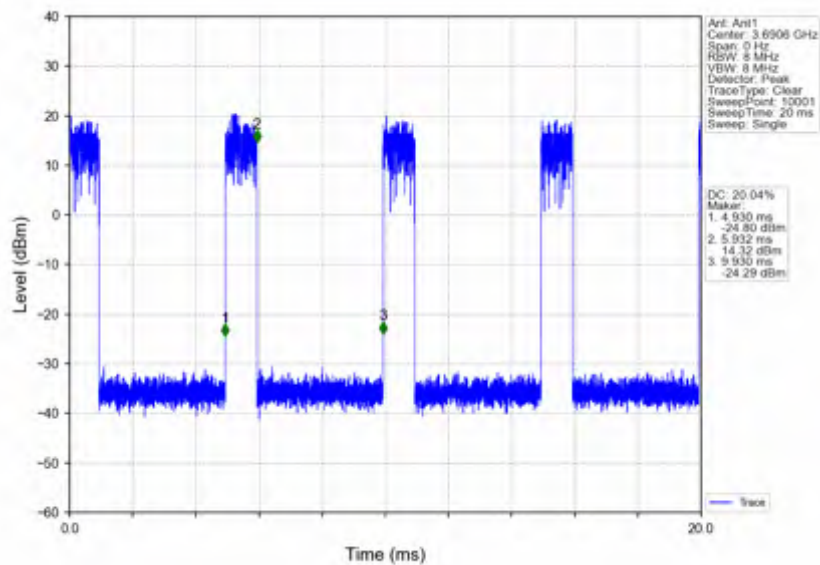
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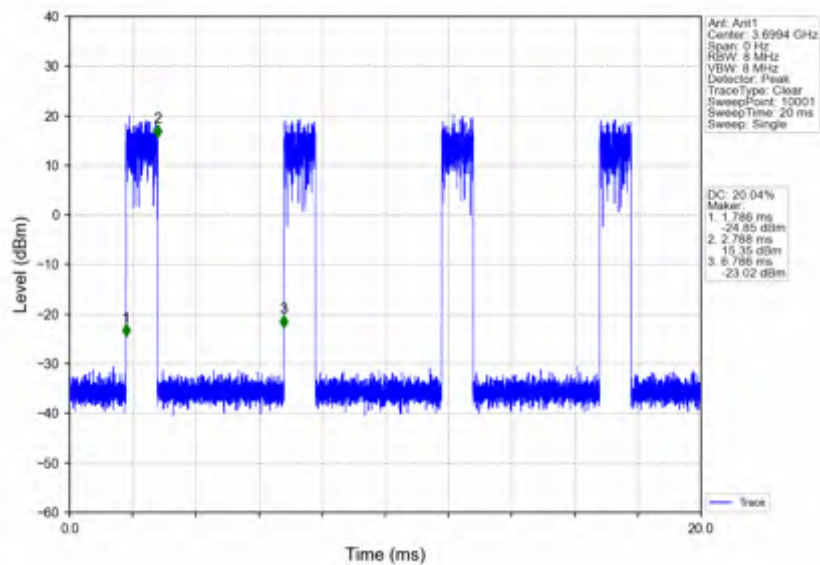
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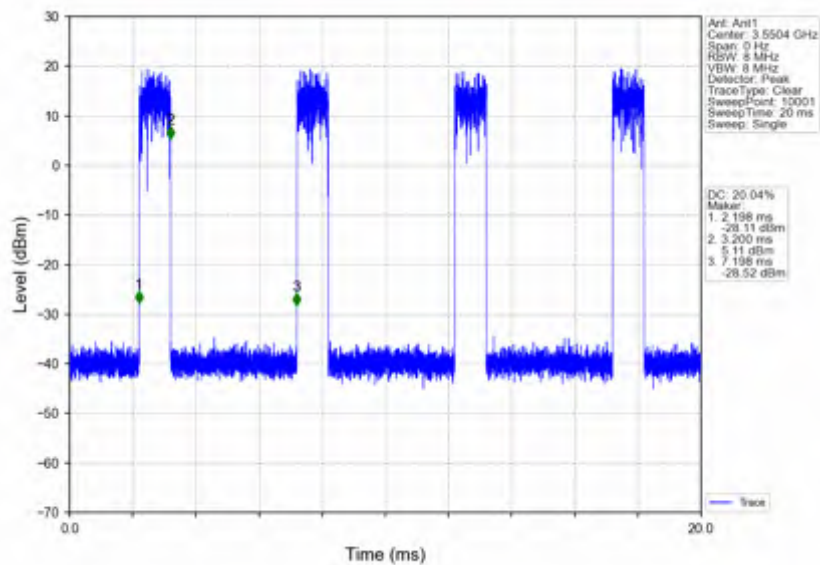
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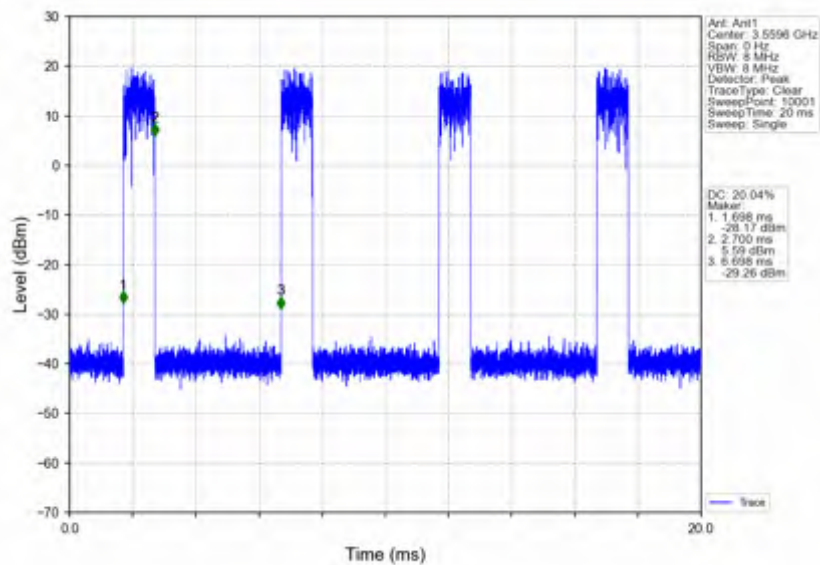
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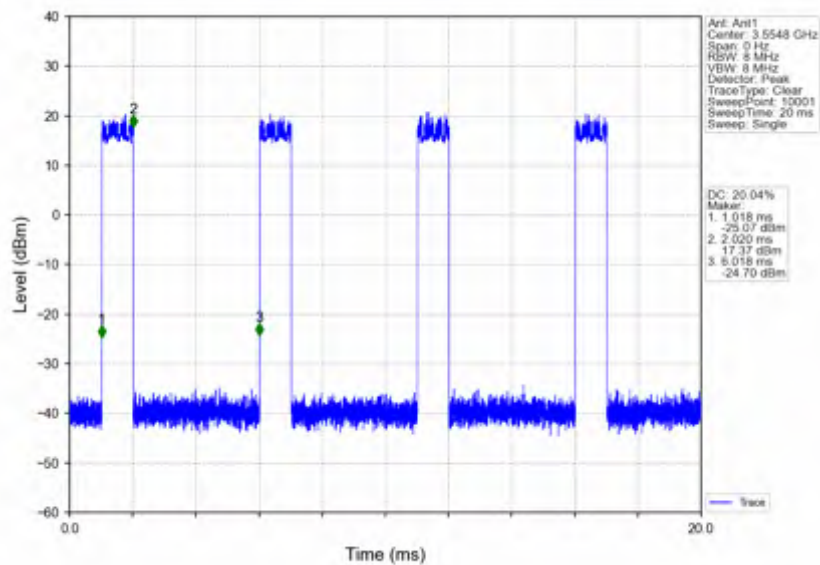
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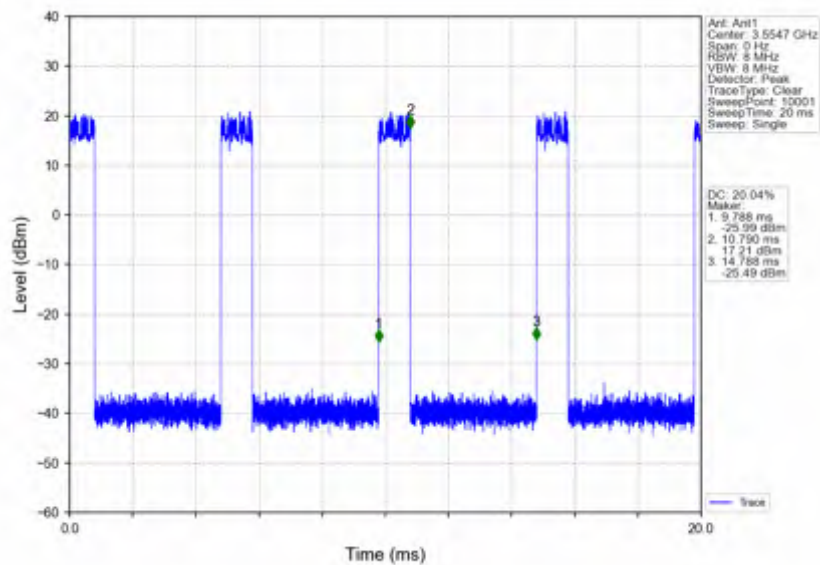
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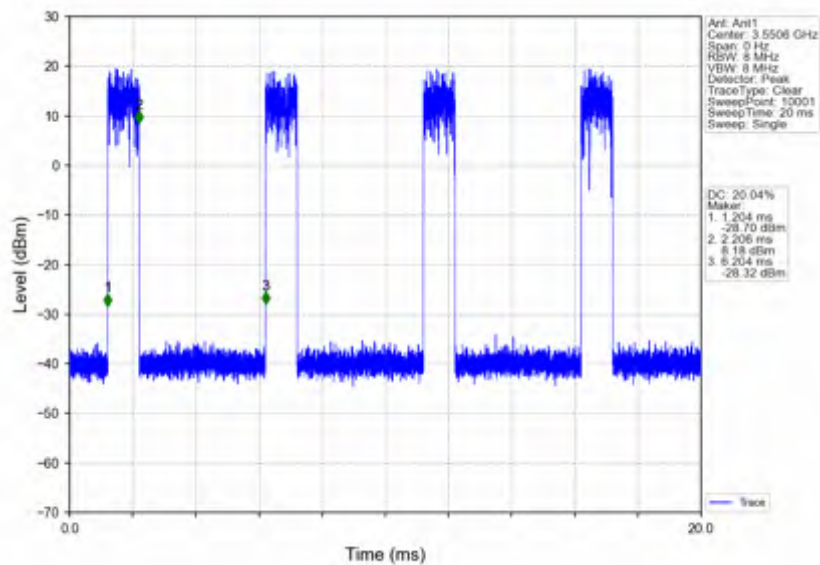


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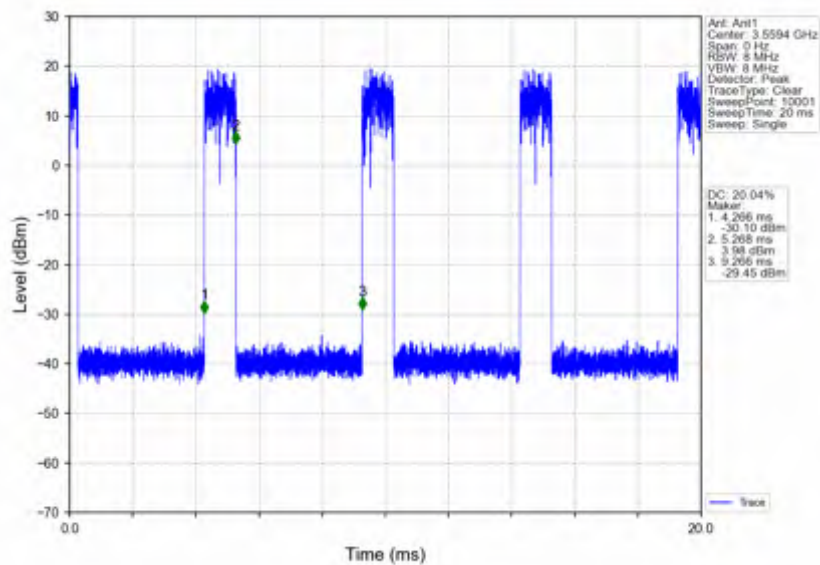
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3555MHz_Inner_1RB_Left



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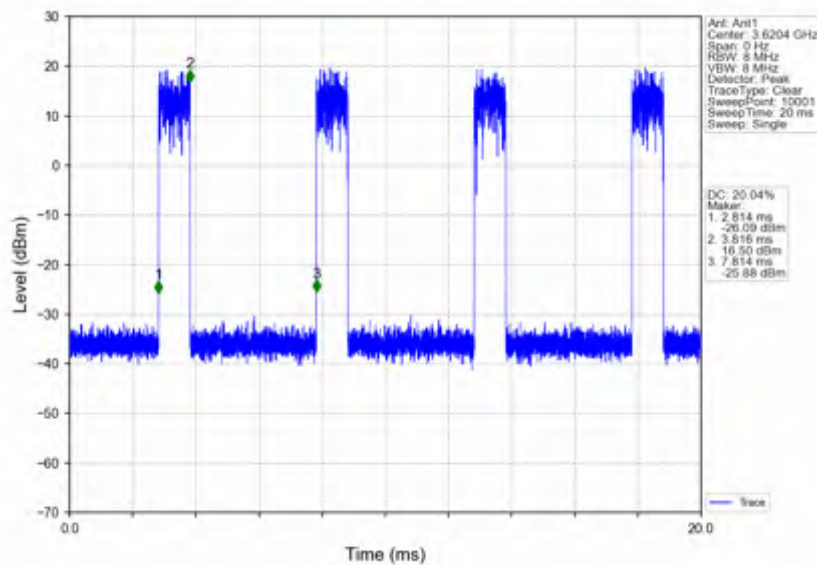


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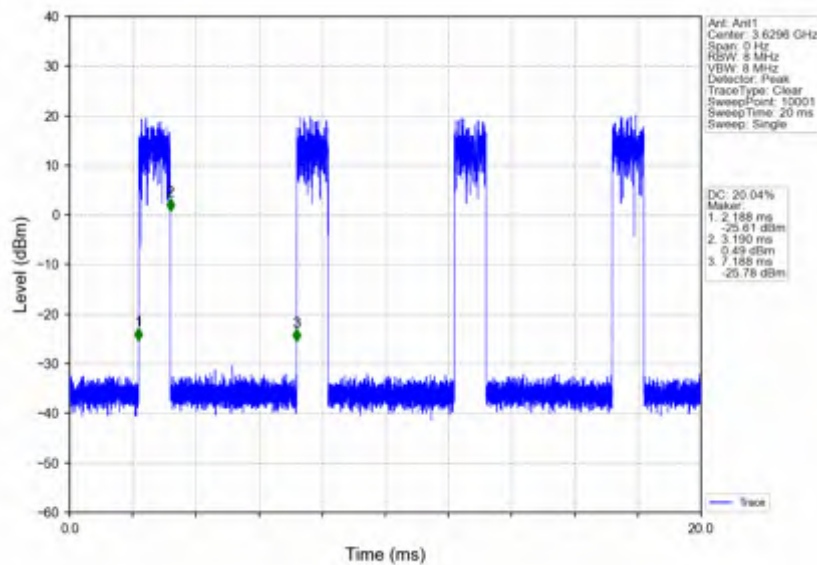
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3625.005MHz_Edge_1RB_Right



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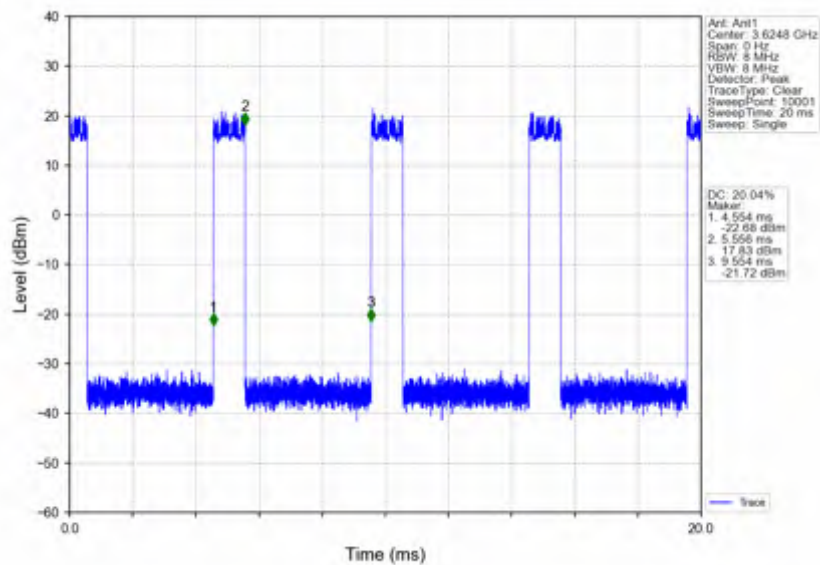
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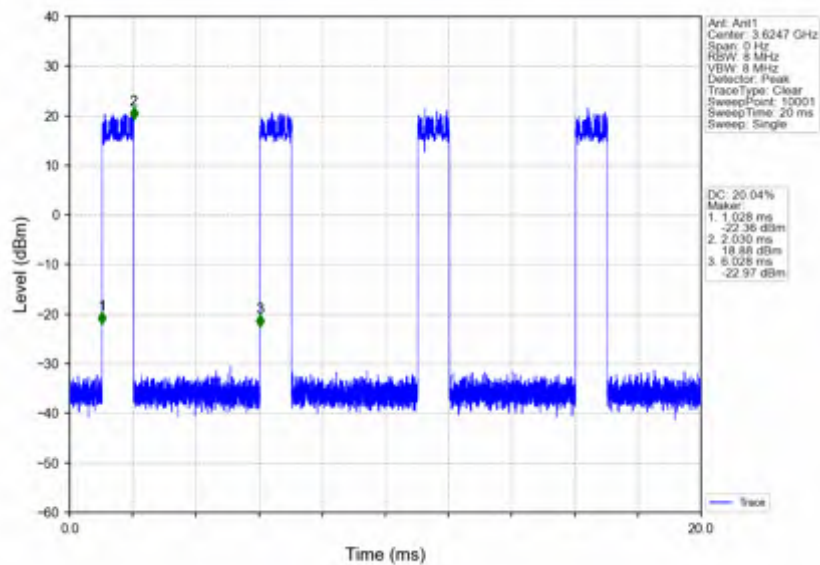
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_3625.005MHz_Inner_Full



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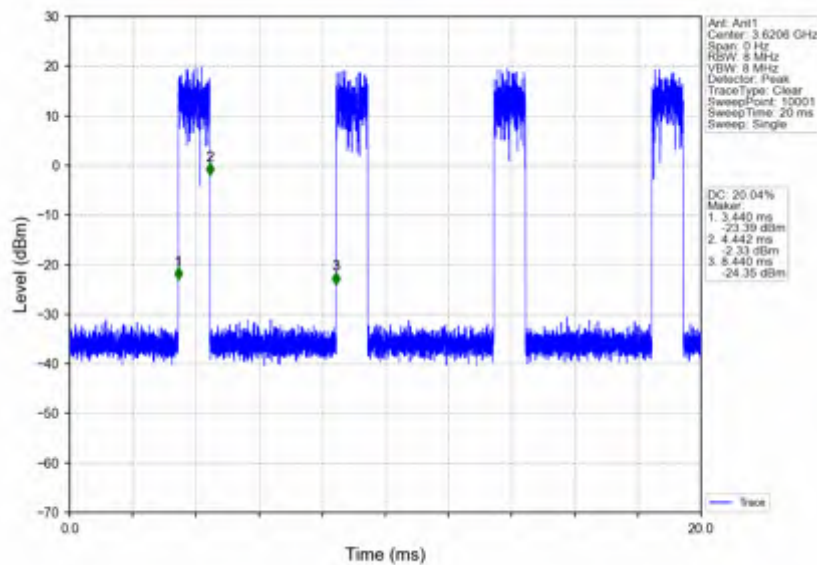
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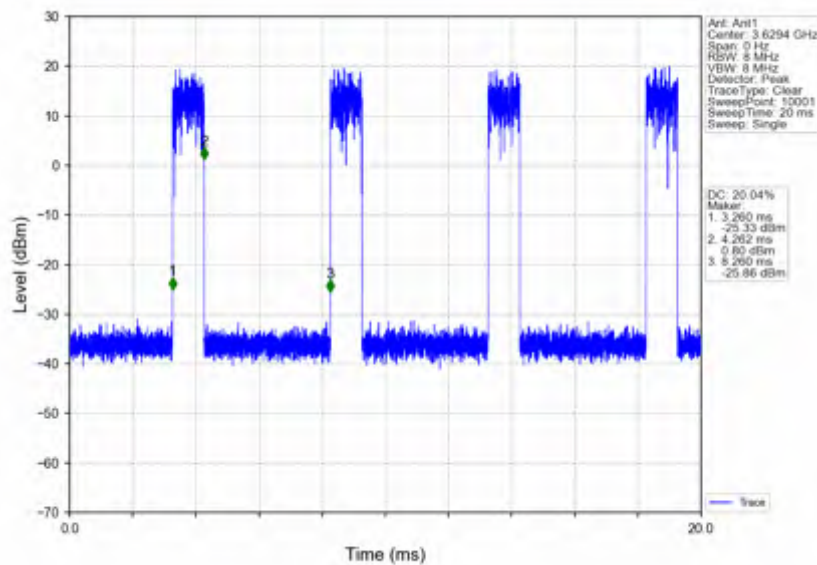
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3625.005MHz_Inner_1RB_Right



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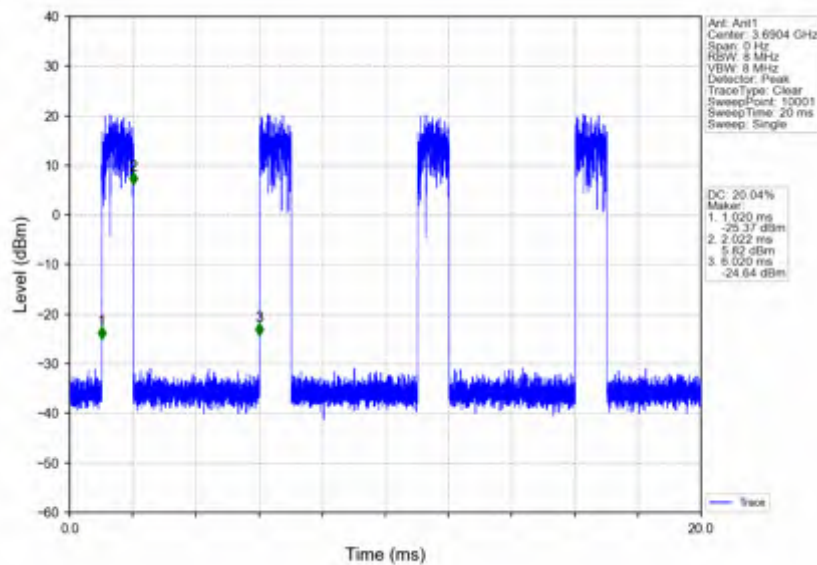
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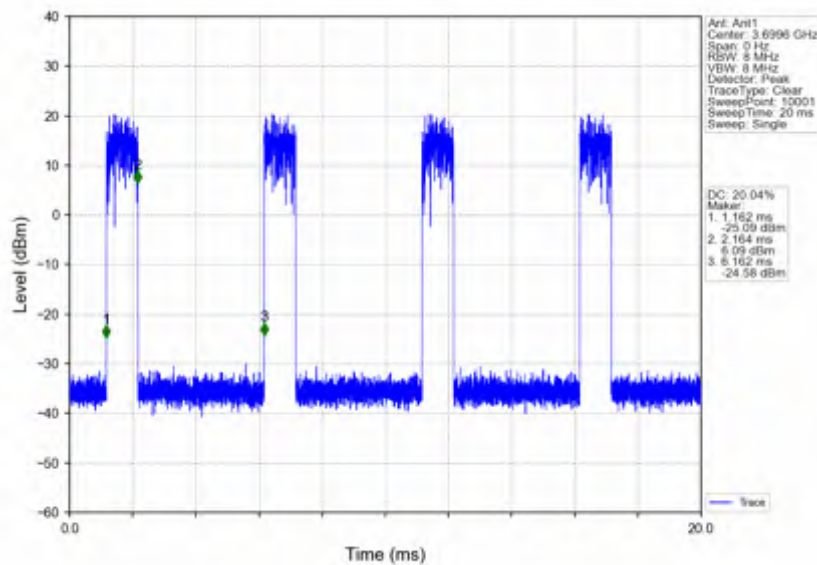
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3694.995MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3694.995MHz_Edge_1RB_Right



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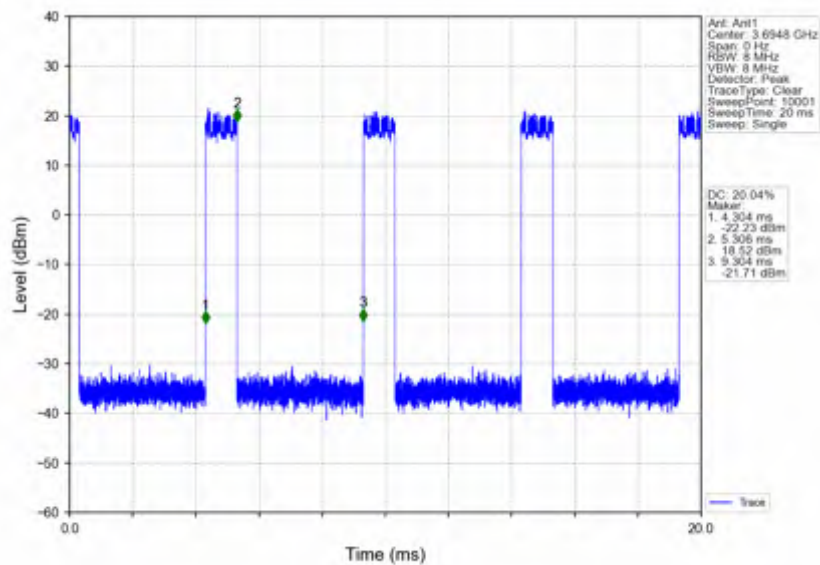
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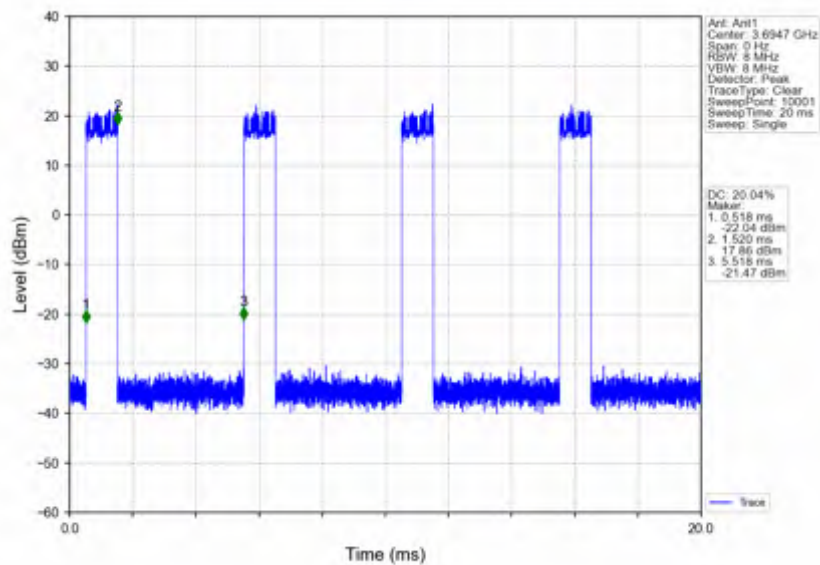
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3694.995MHz_Outer_Full



n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3694.995MHz_Inner_Full
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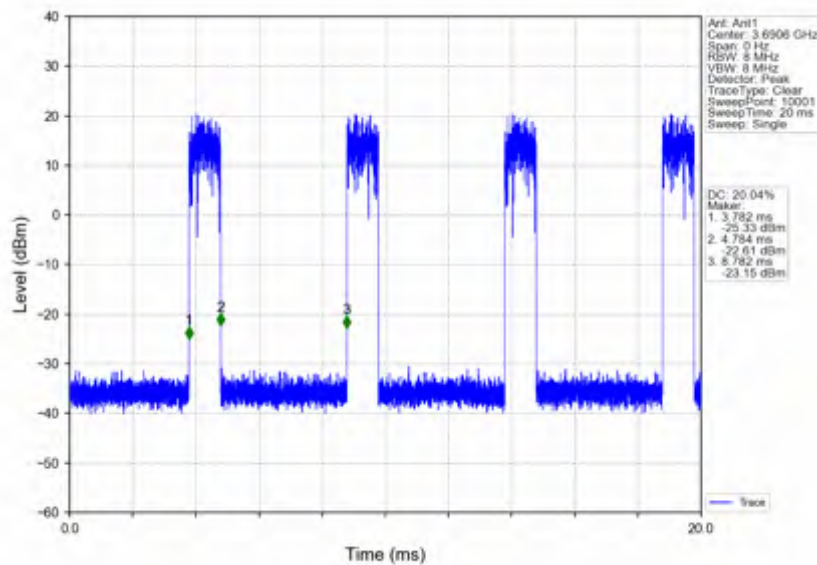


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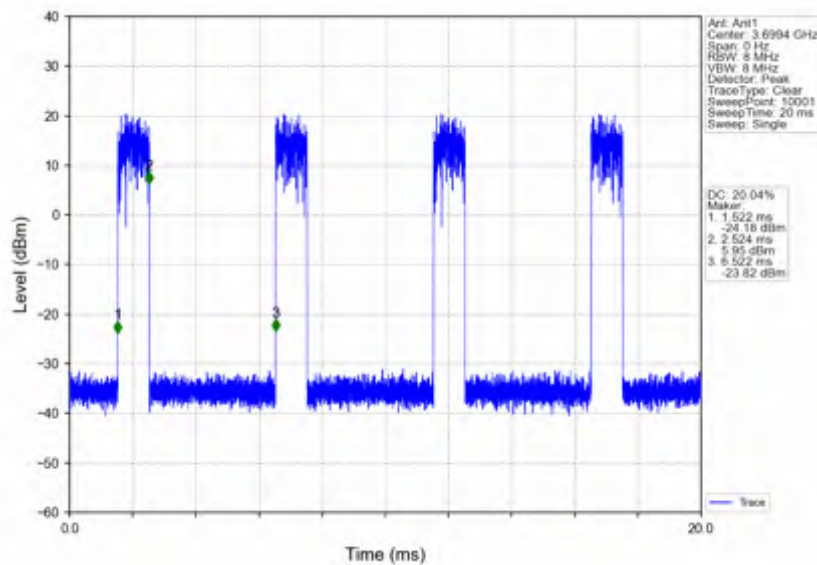
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n78d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3694.995MHz_Inner_1RB_Left



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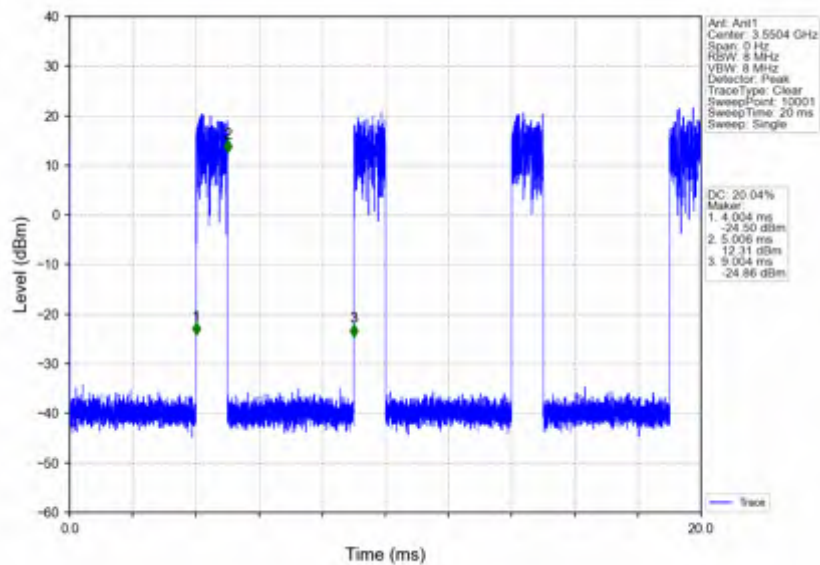


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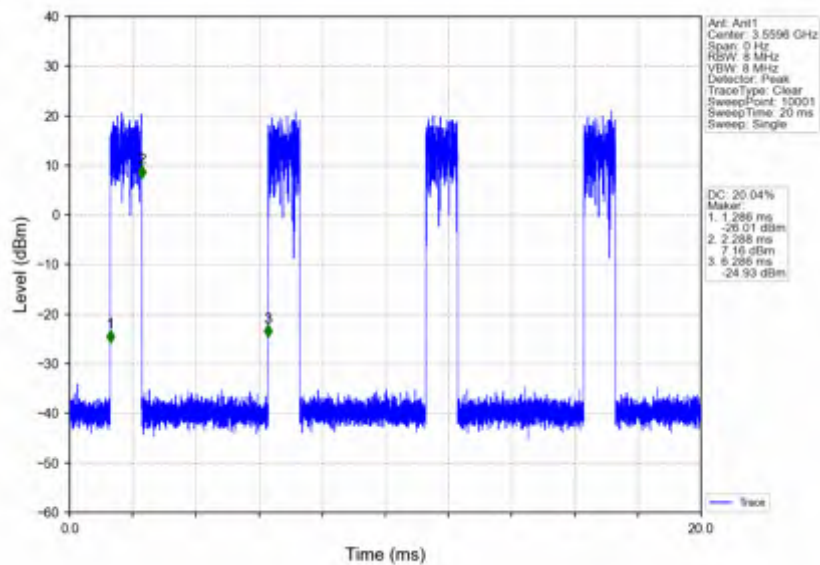
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n78d 15kHz SISO NTNv 10MHz CP-OFDM QPSK 3555MHz Edge 1RB Left



n78d 15kHz SISO NTNv 10MHz CP-OFDM QPSK 3555MHz Edge 1RB Right

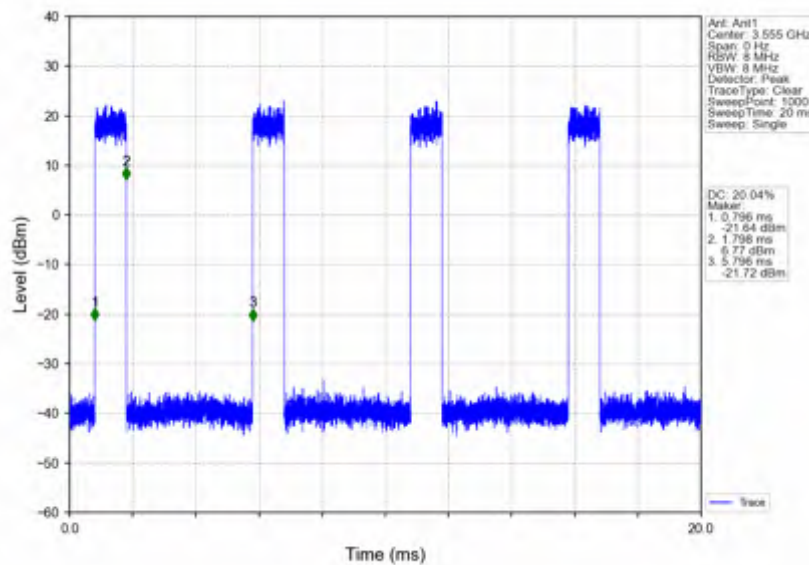


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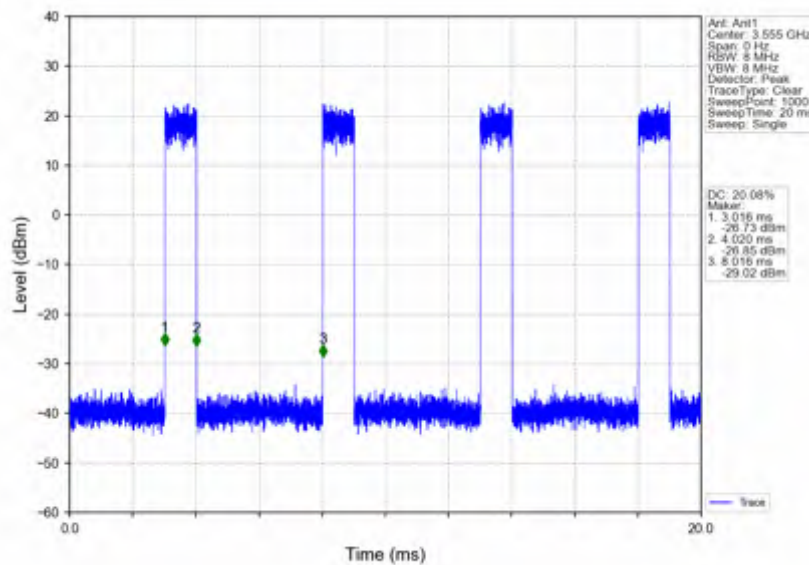
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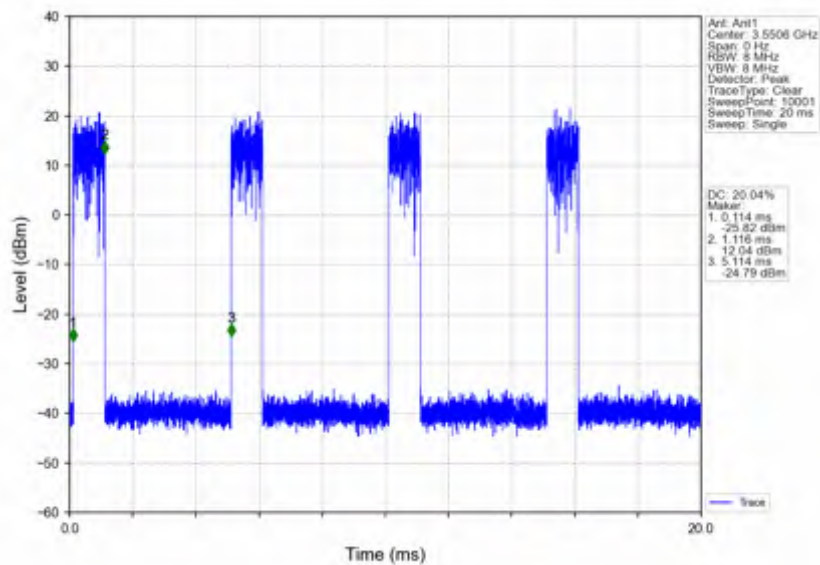
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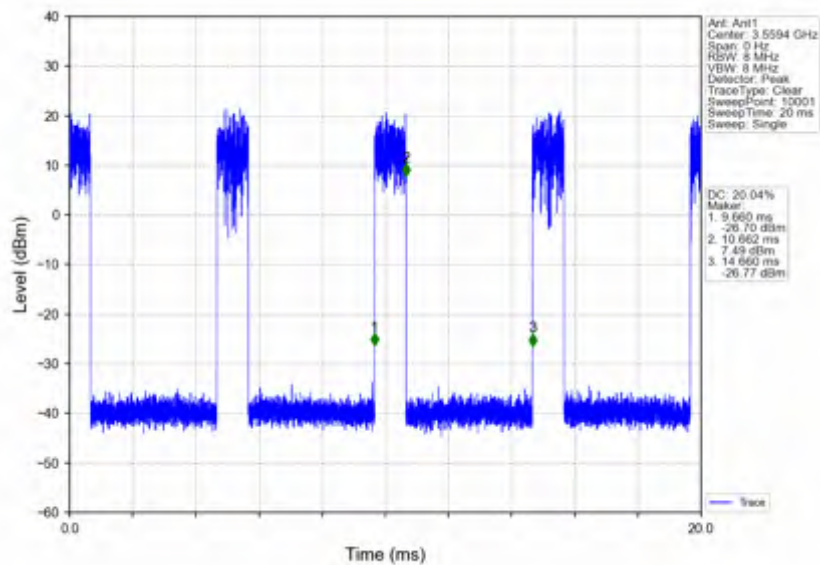
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3555MHz_Inner_1RB_Right

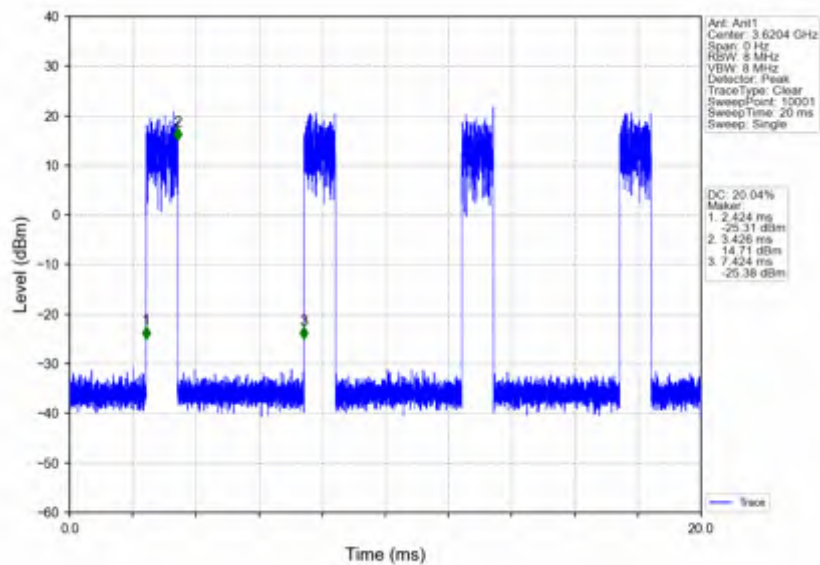


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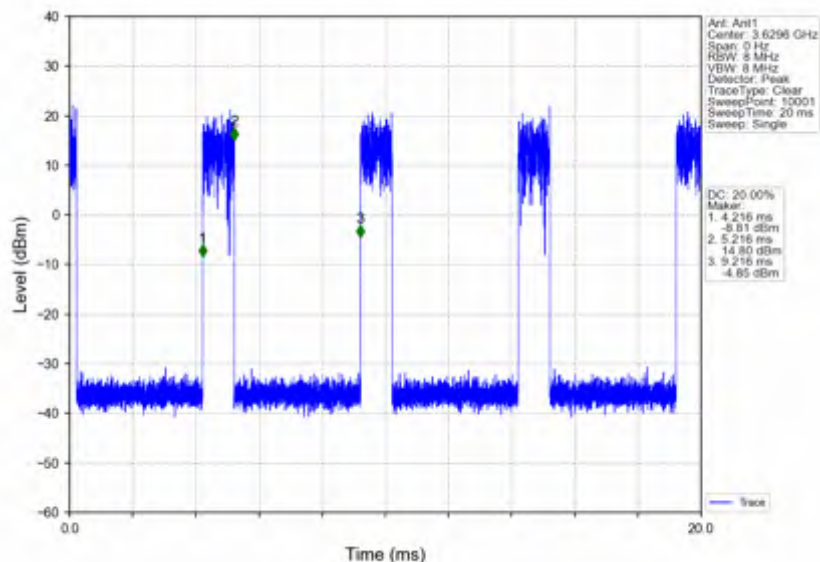
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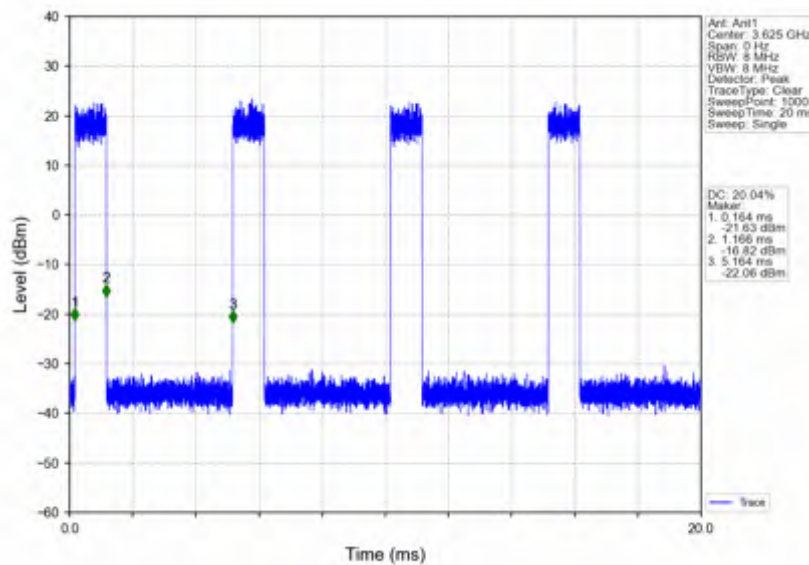
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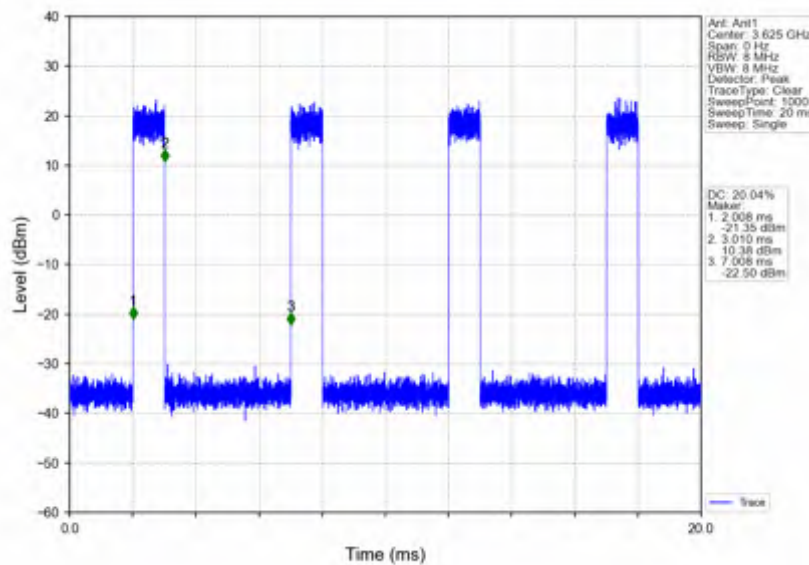
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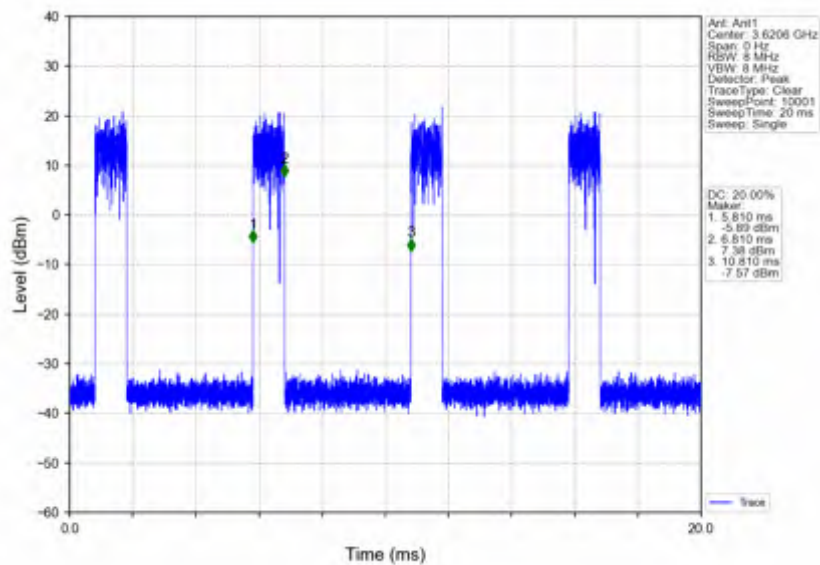
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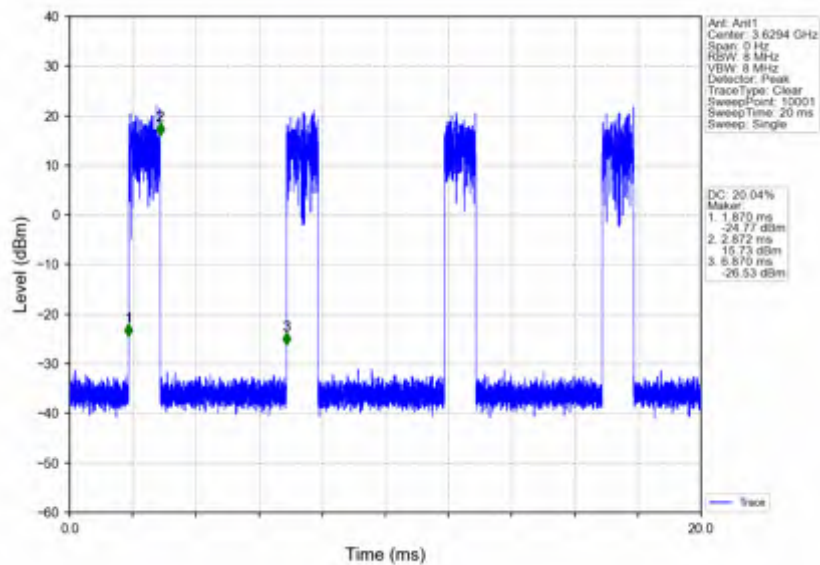
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3625.005MHz_Inner_1RB_Left



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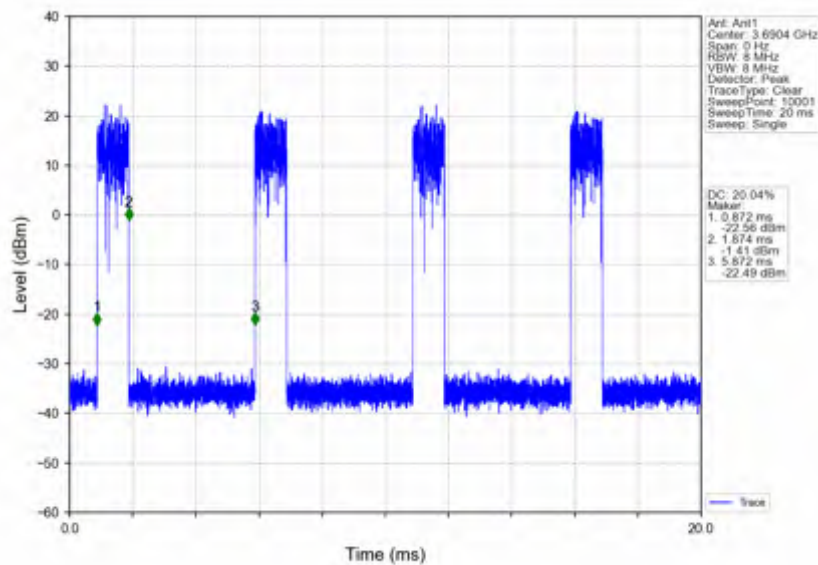


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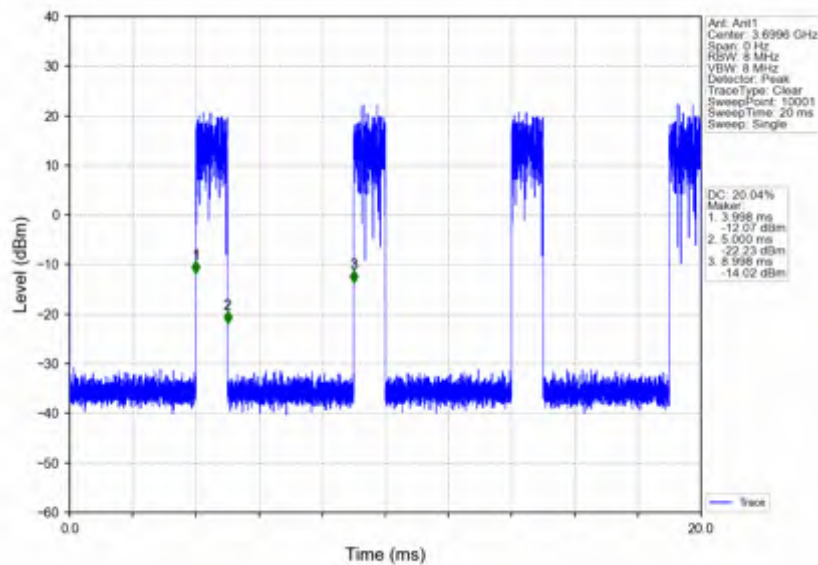
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3694.995MHz_Edge_1RB_Left



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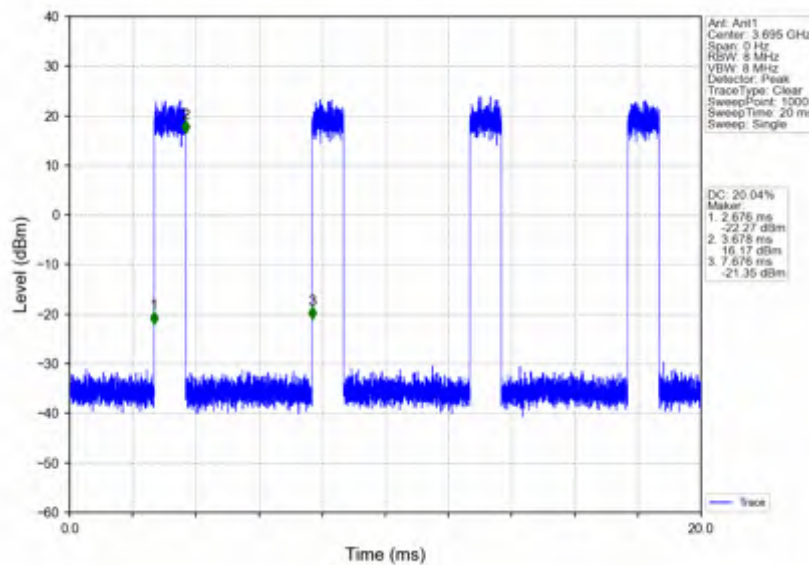


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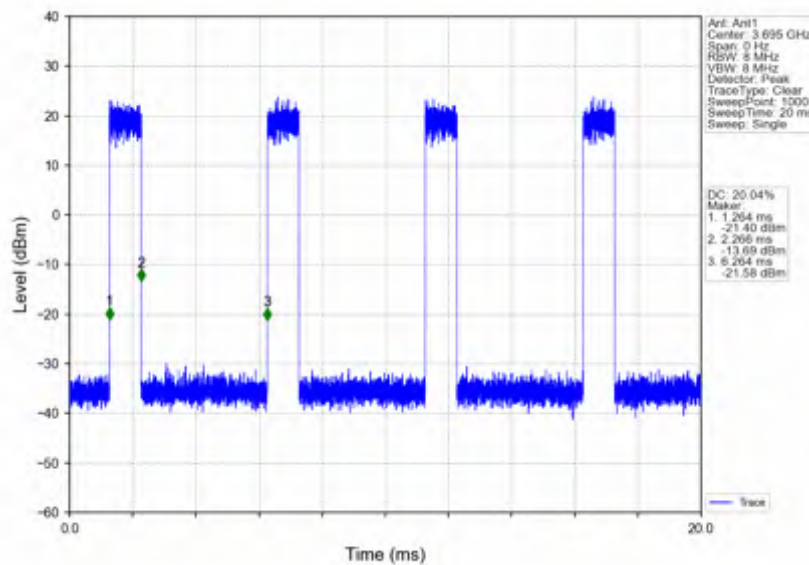
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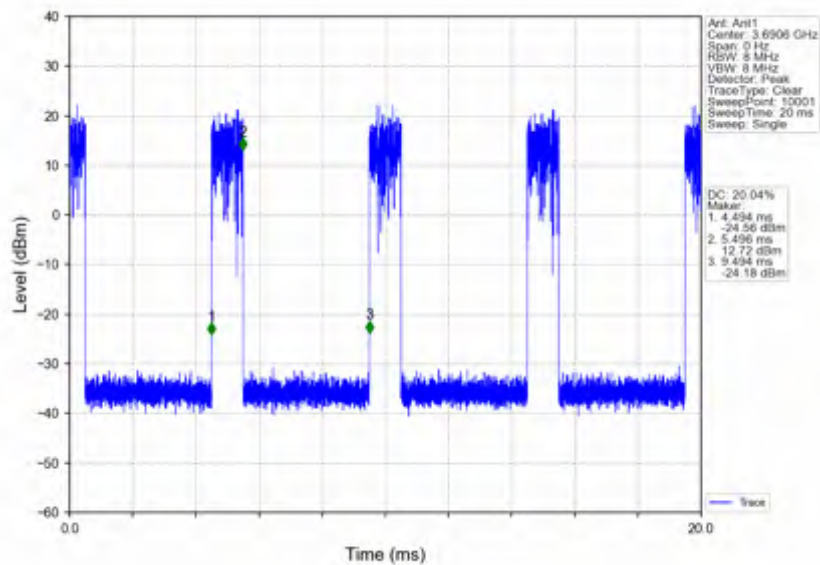
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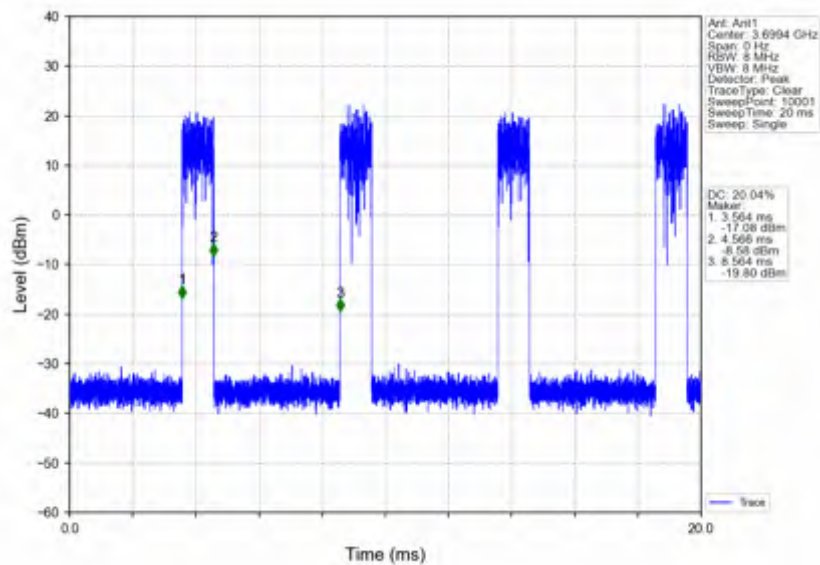
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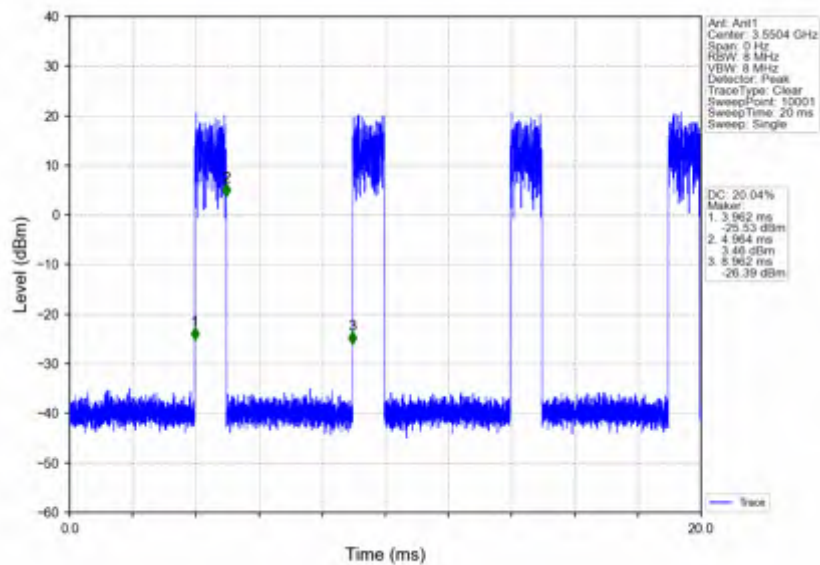
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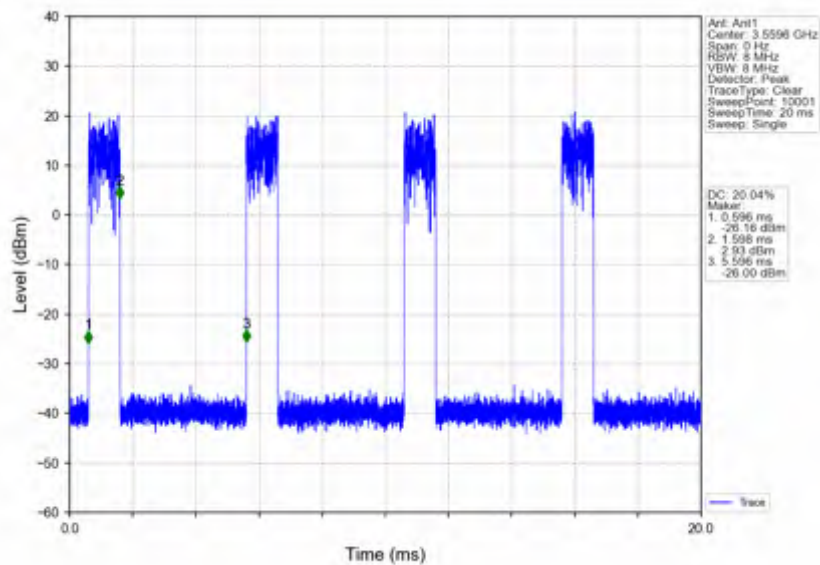
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3555MHz_Edge_1RB_Left



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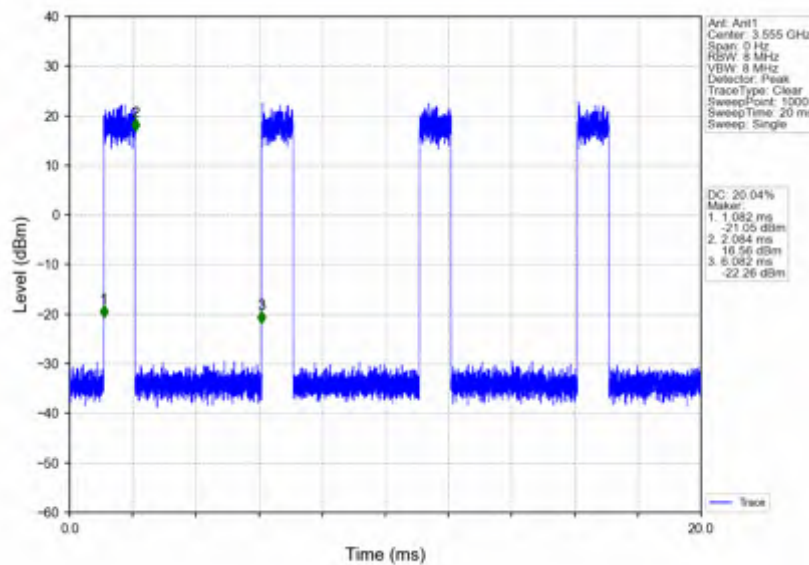


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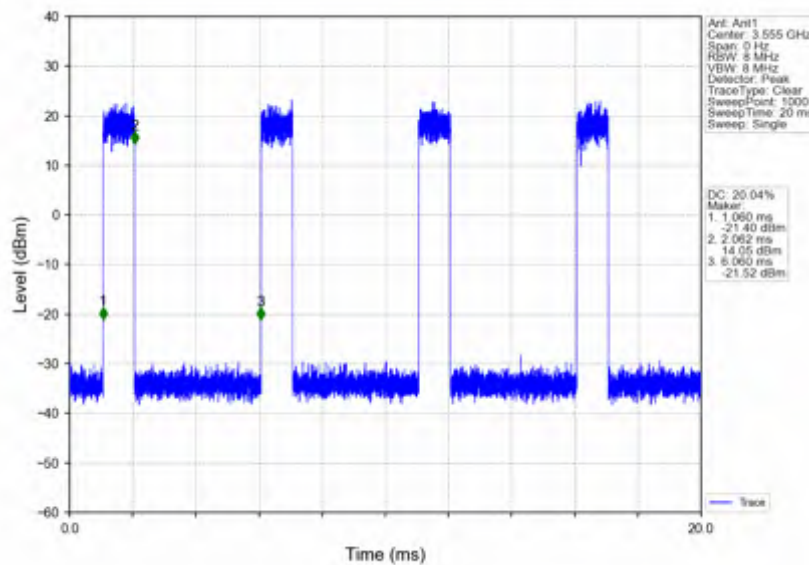
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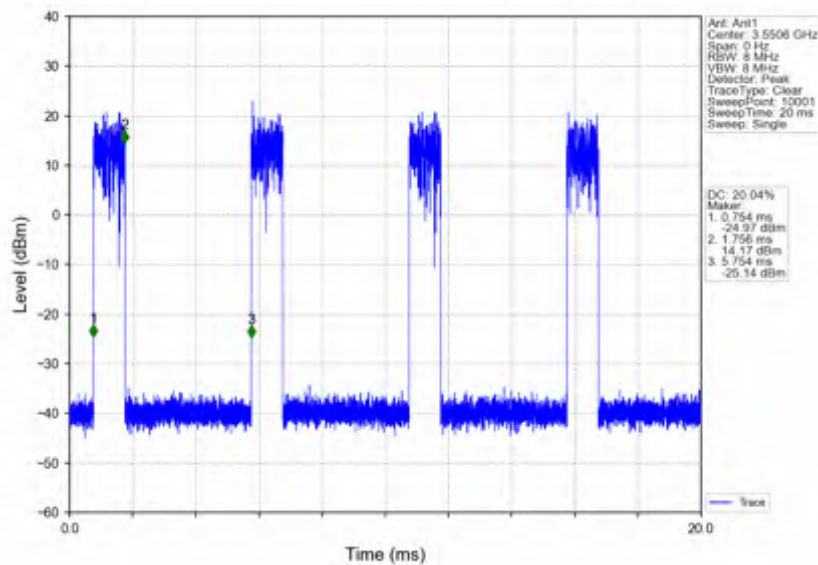
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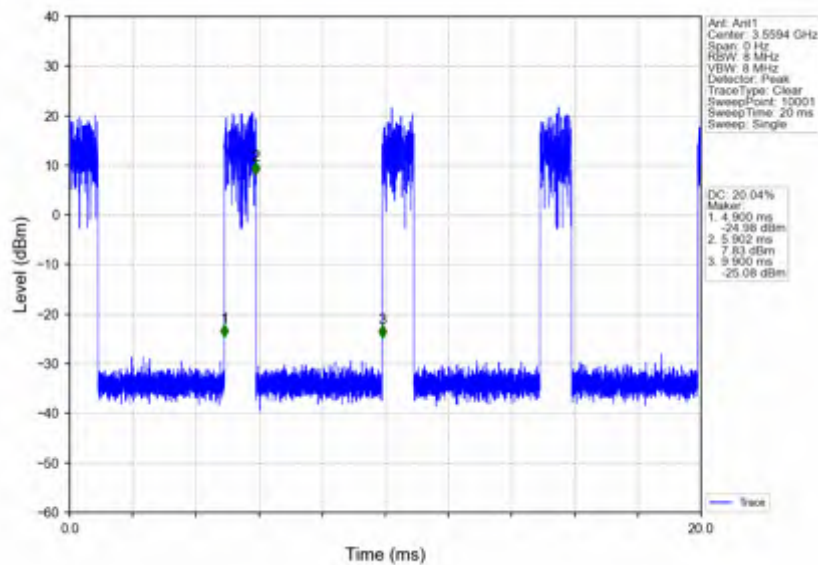
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_16 QAM_3555MHz_Inner_1RB_Left



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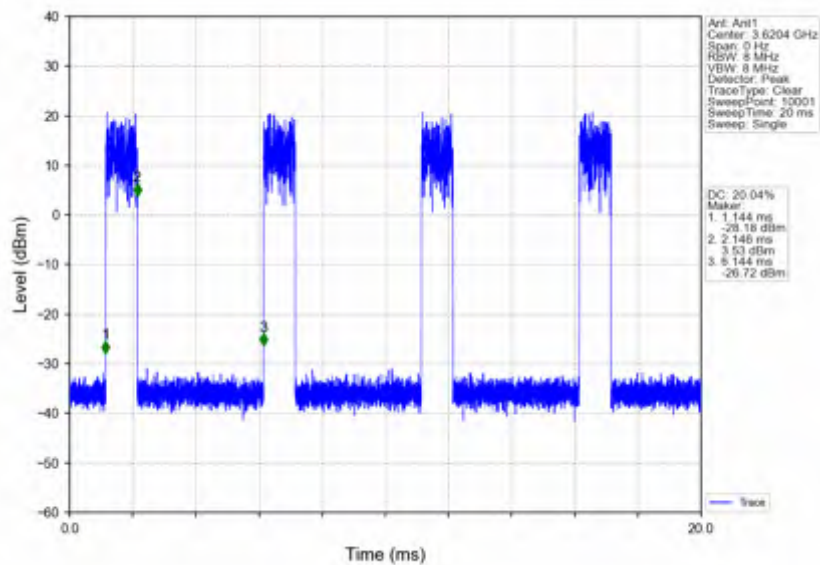
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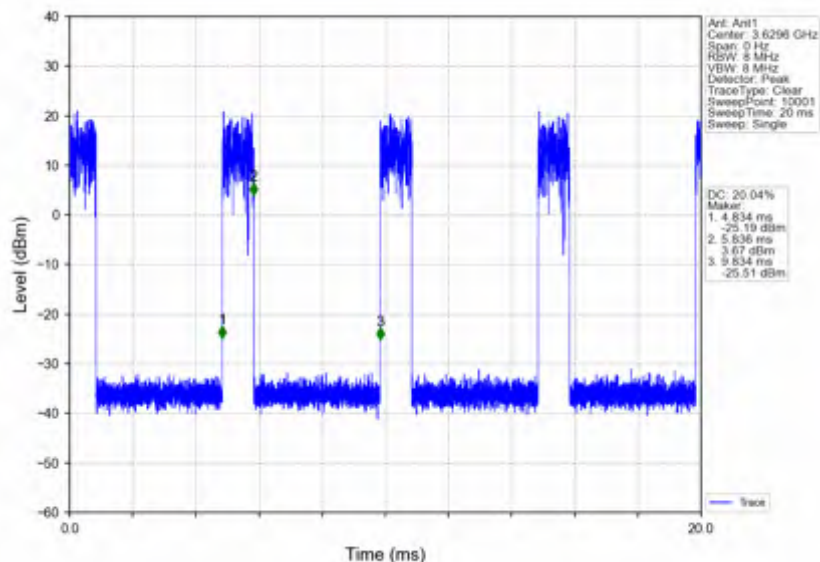
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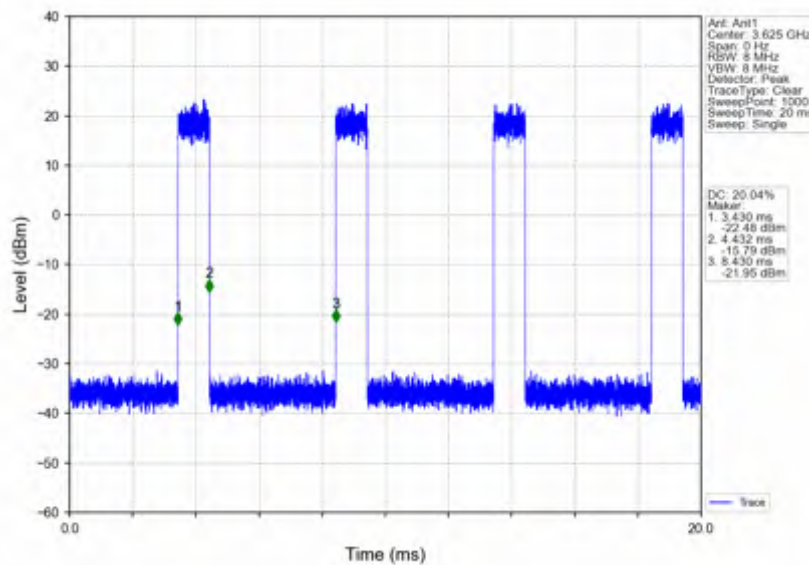
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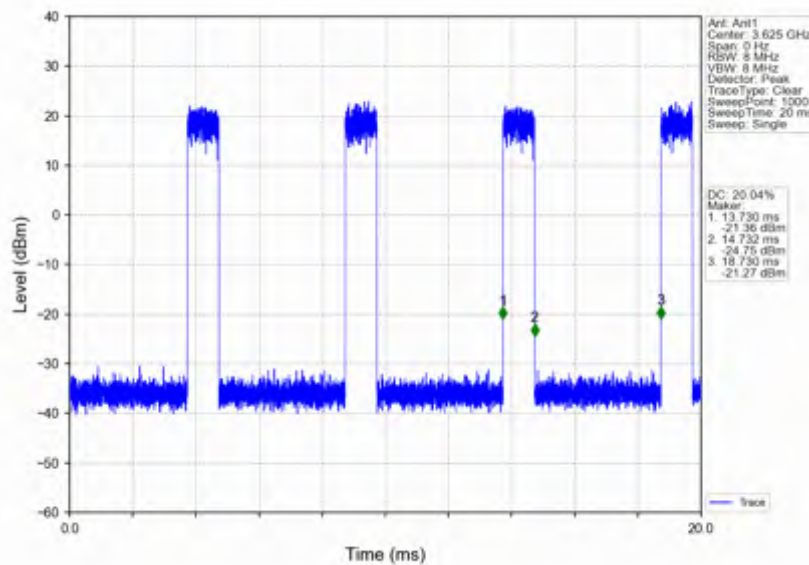
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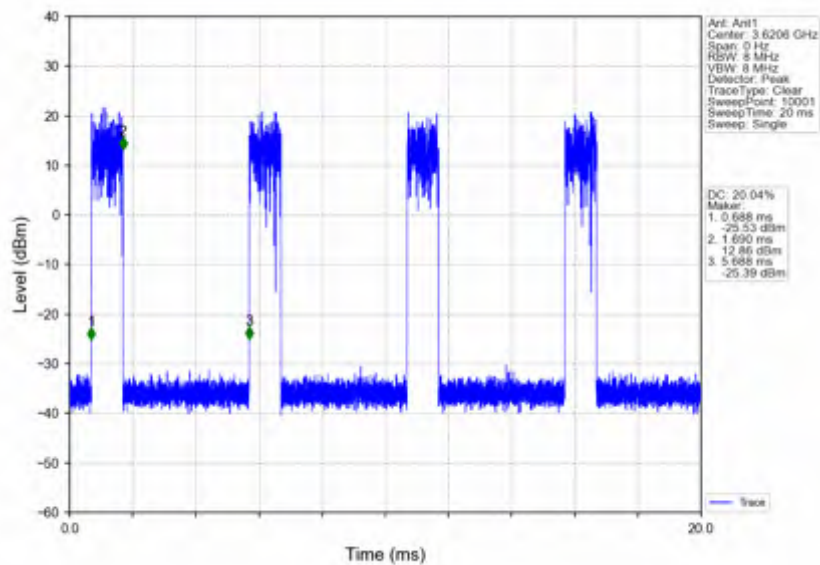


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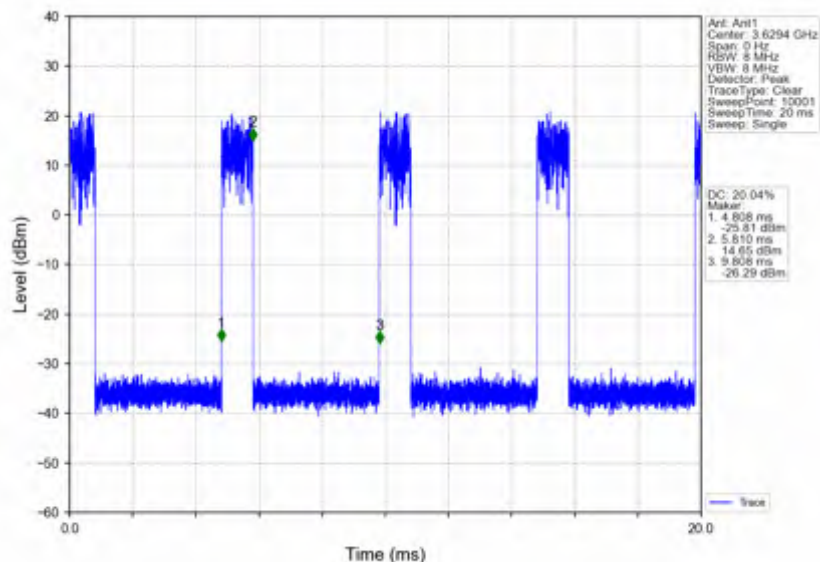
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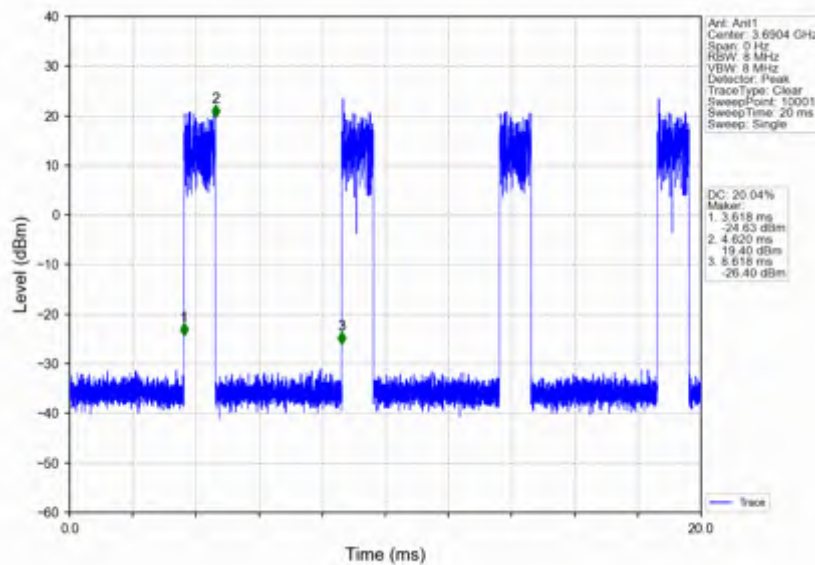
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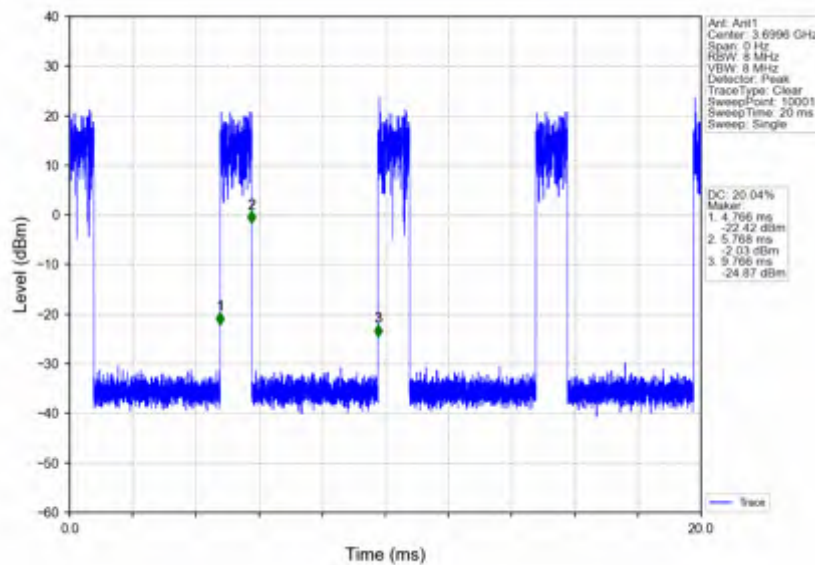
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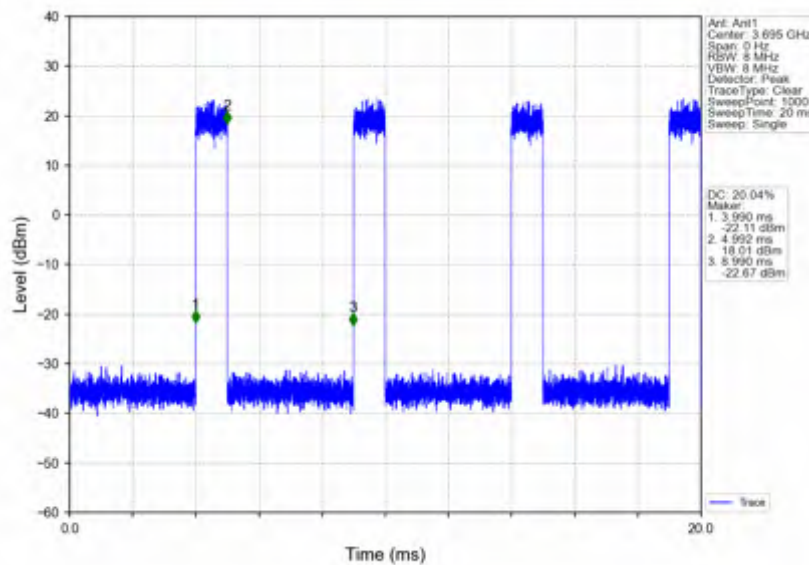
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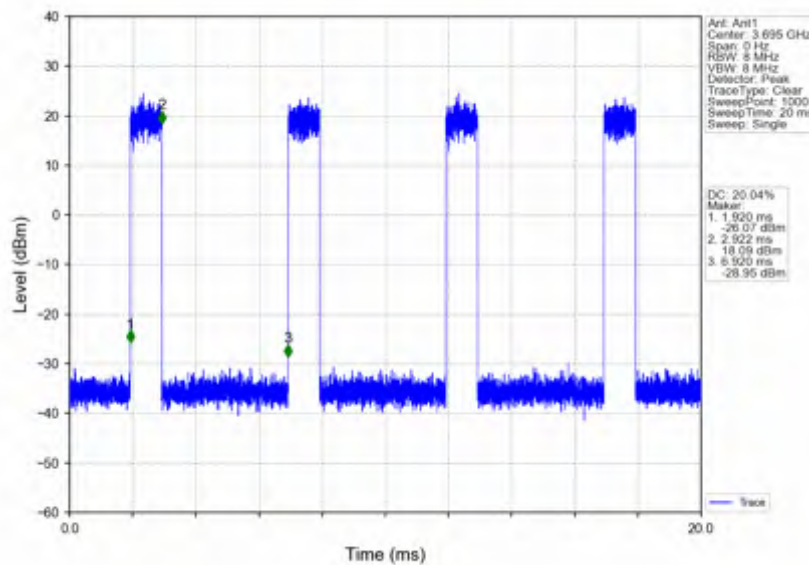
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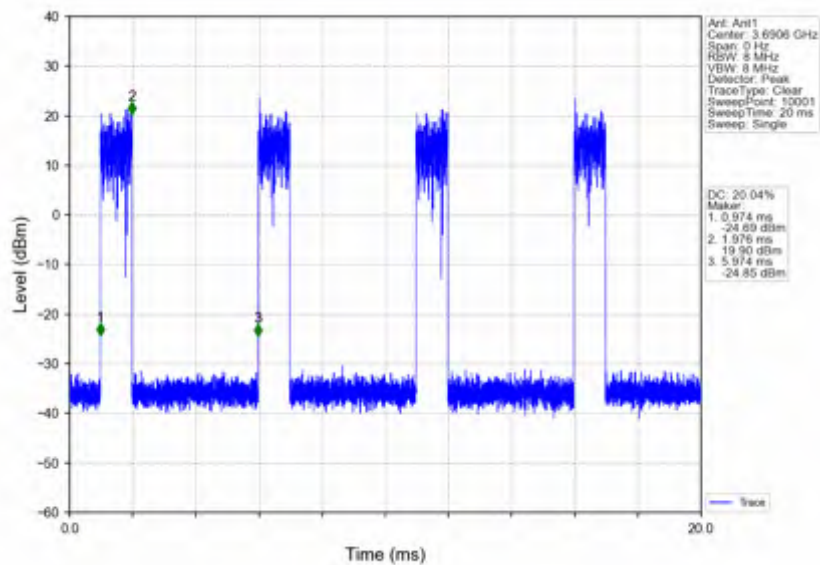


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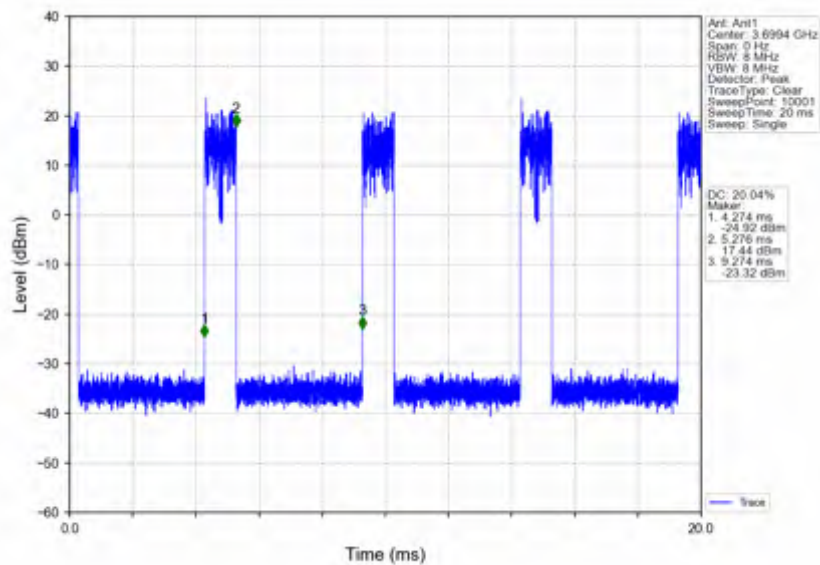
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3694.995MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3694.995MHz_Inner_1RB_Right



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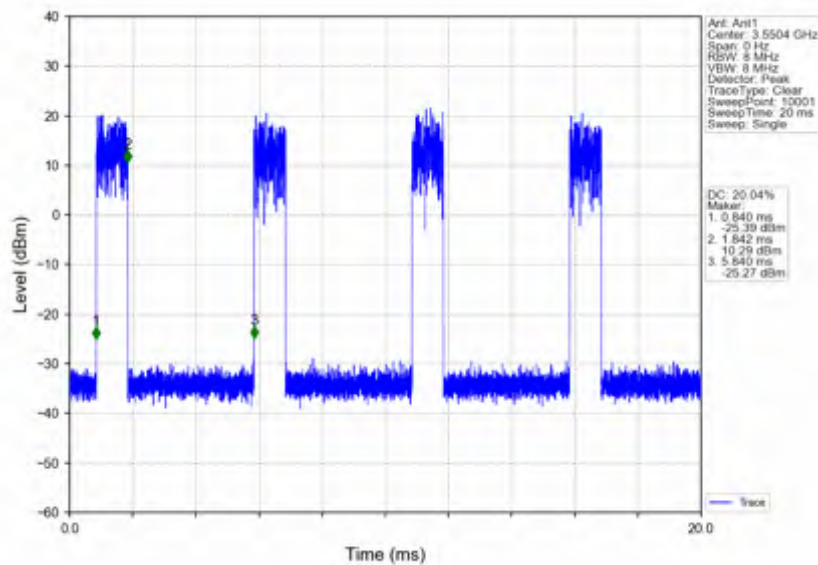
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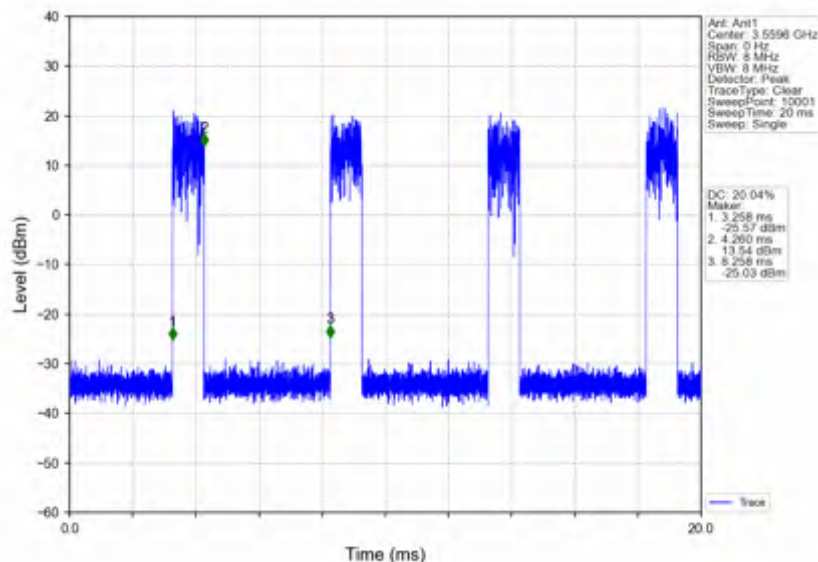
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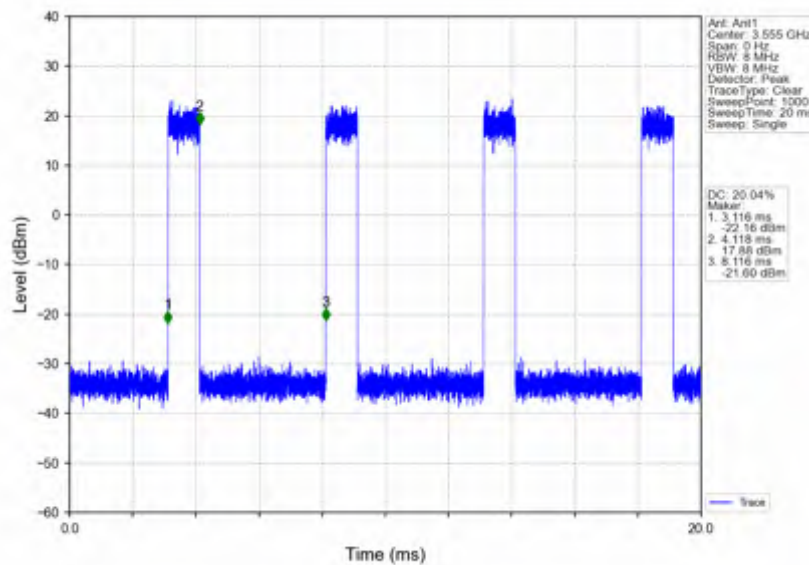


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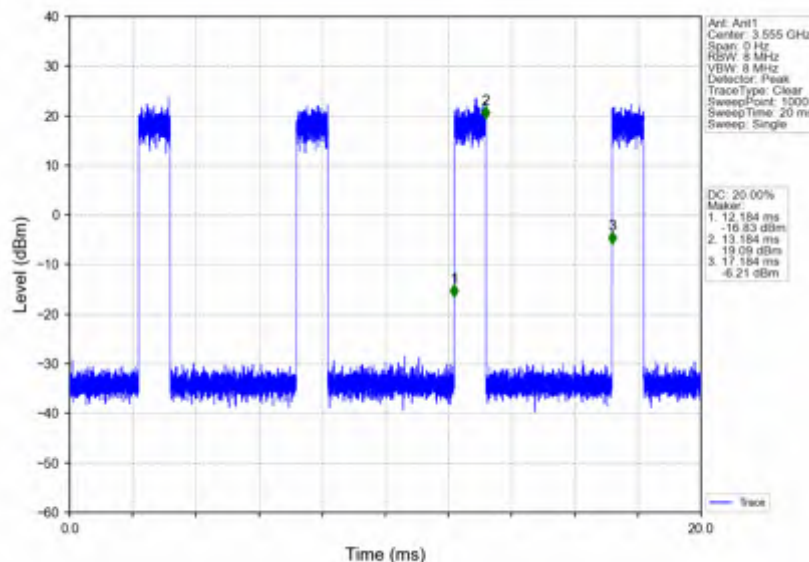
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_3555MHz_Outer_Full



n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_3555MHz_Inner_Full



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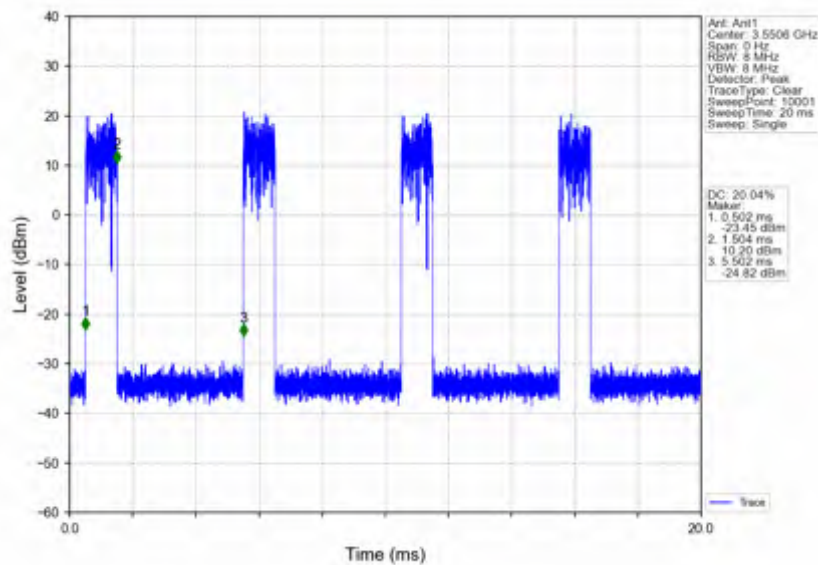
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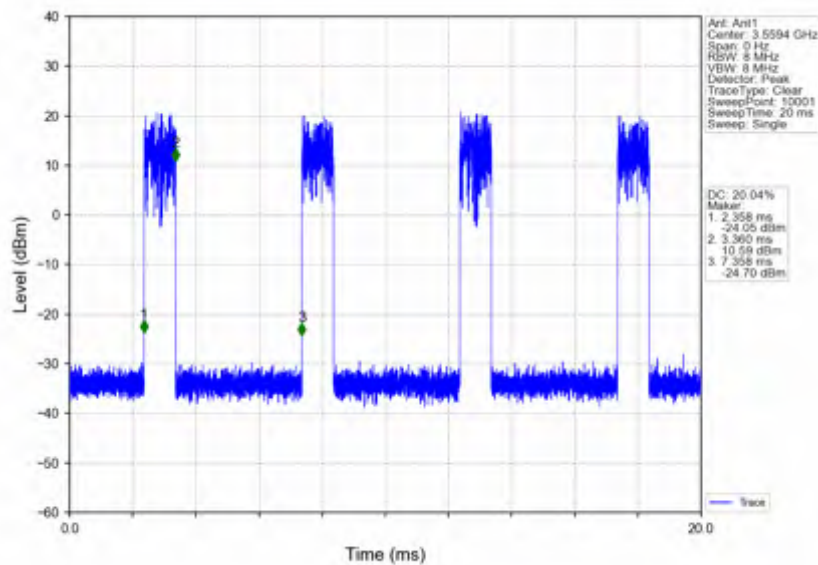
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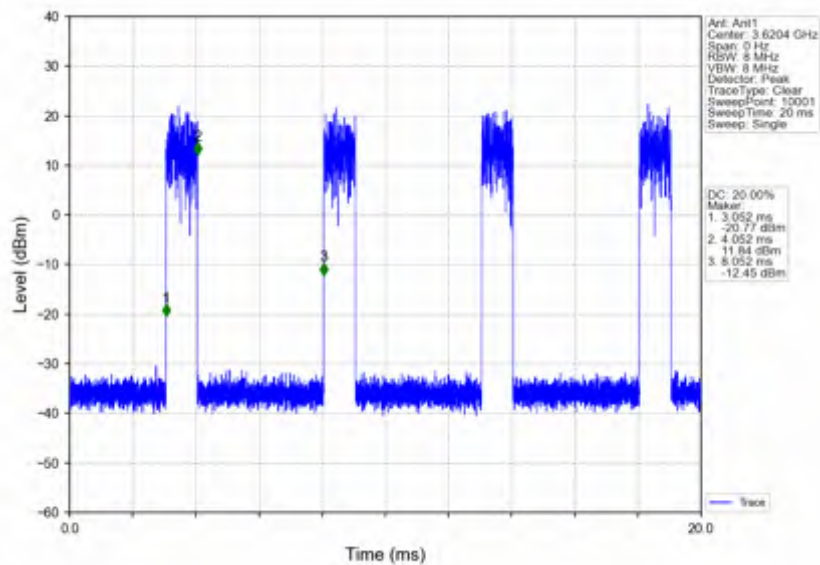
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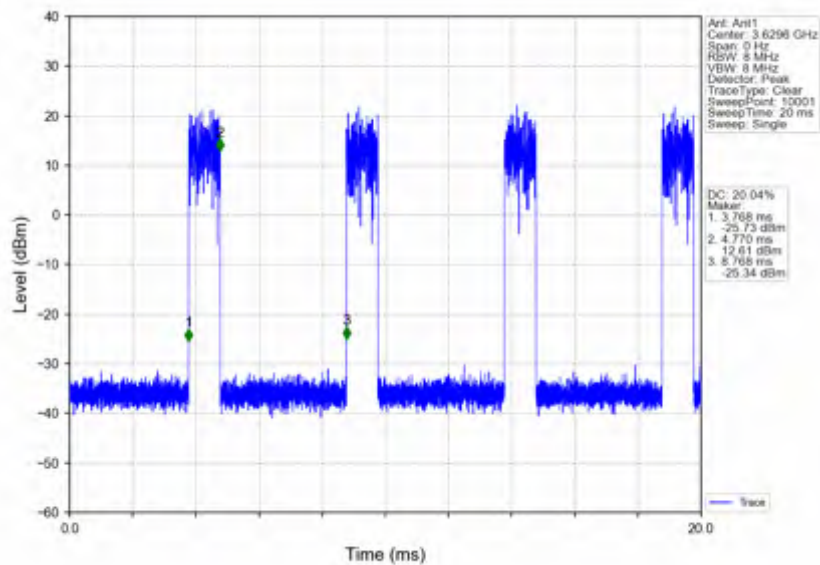
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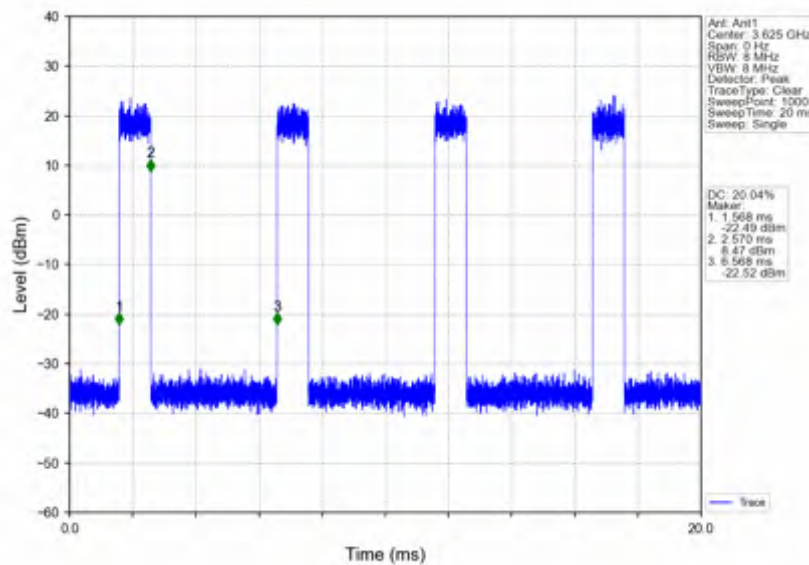
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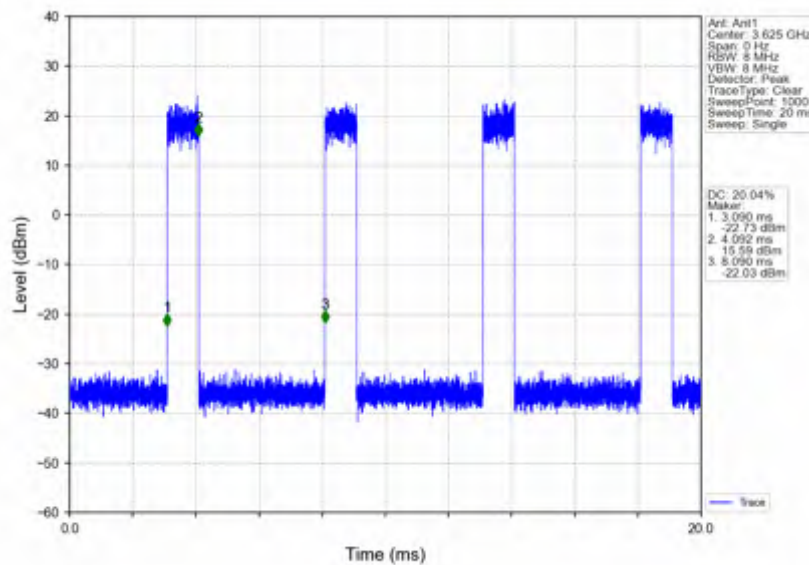
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_3625.005MHz_Outer_Full



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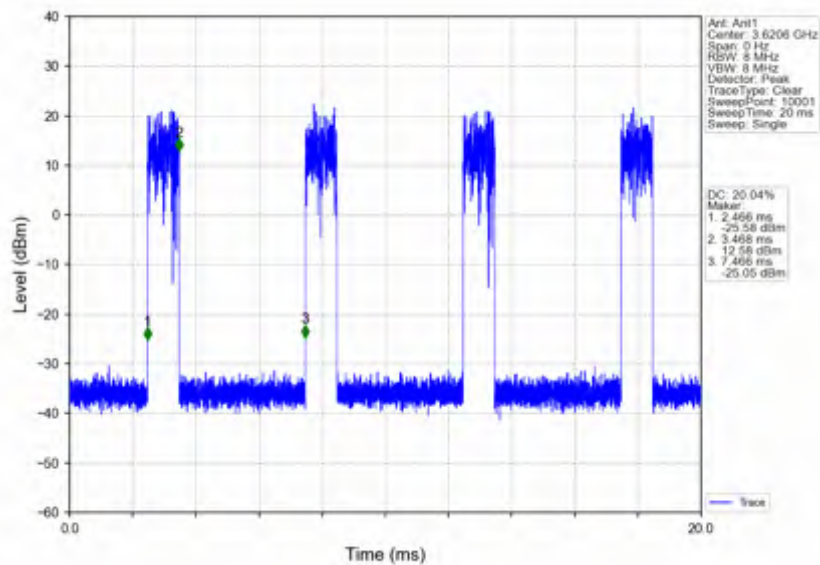
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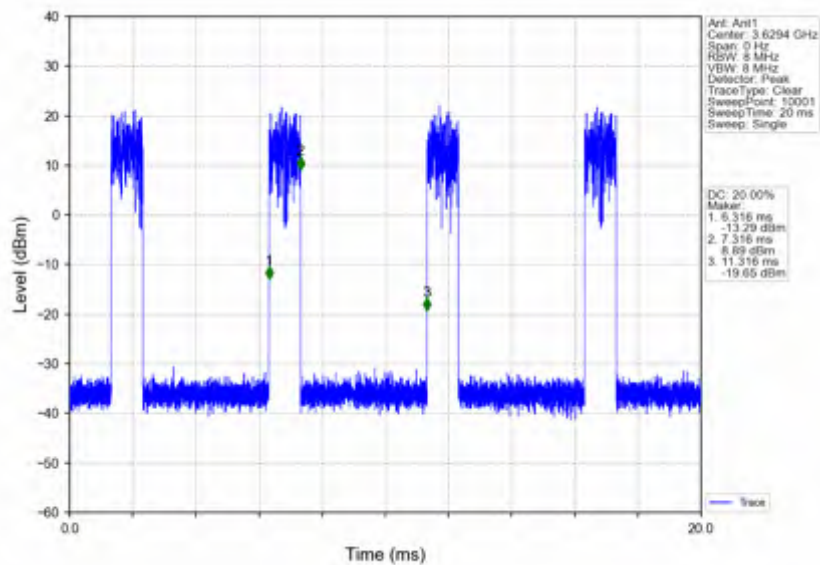
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_3625.005MHz_Inner_1RB_Left



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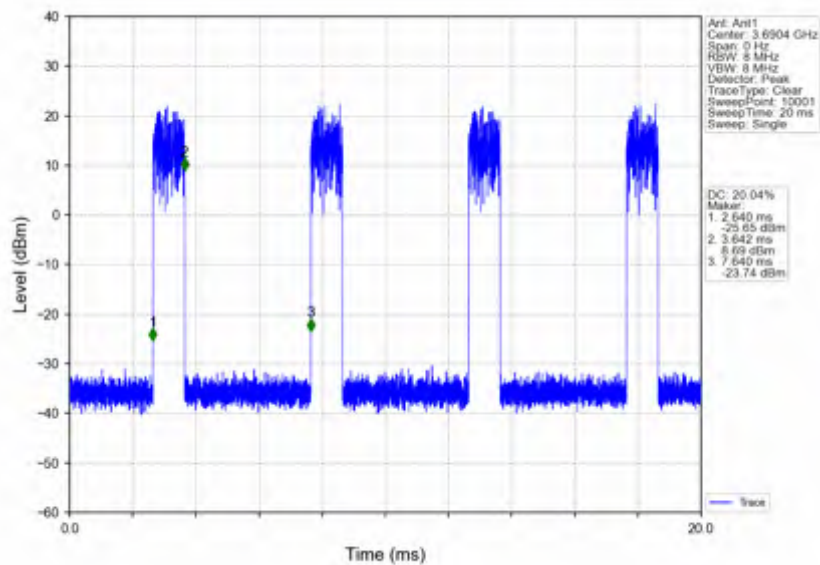
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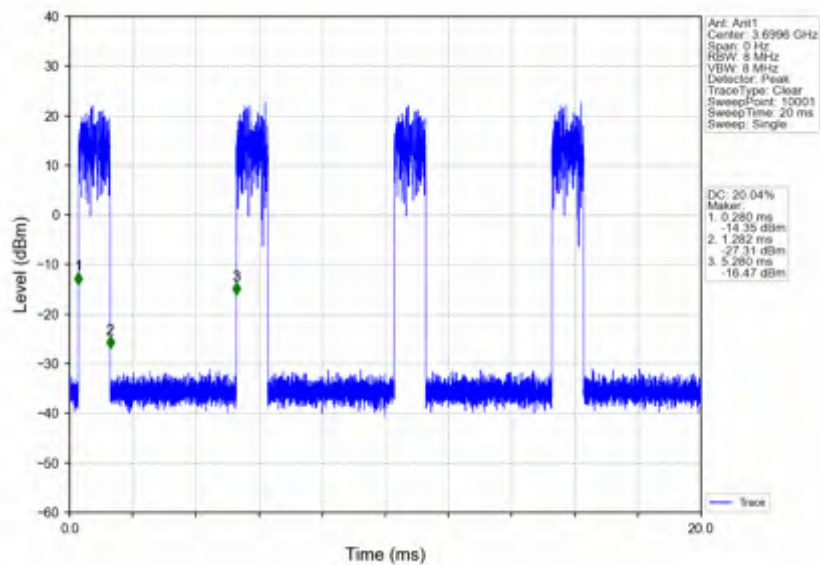
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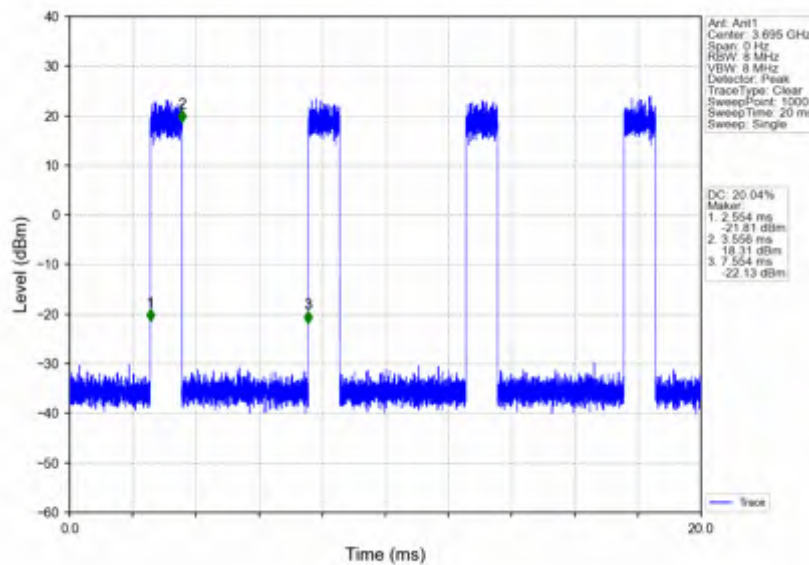


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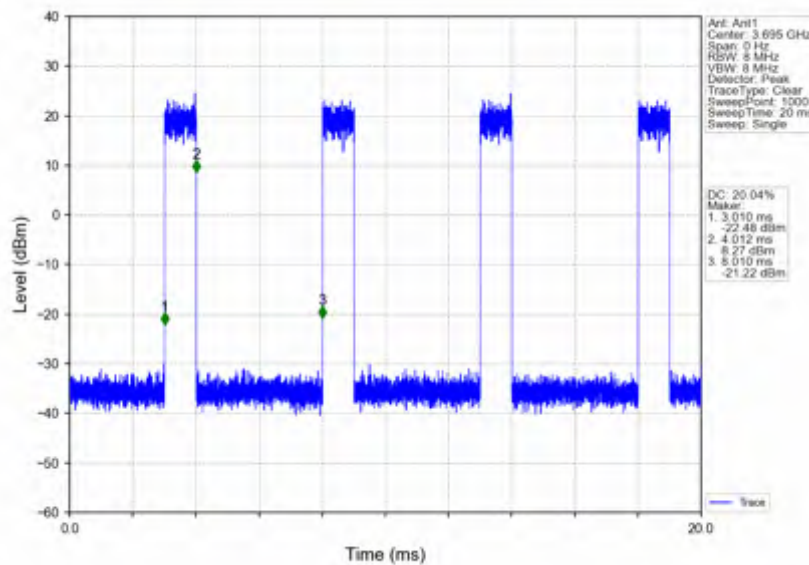
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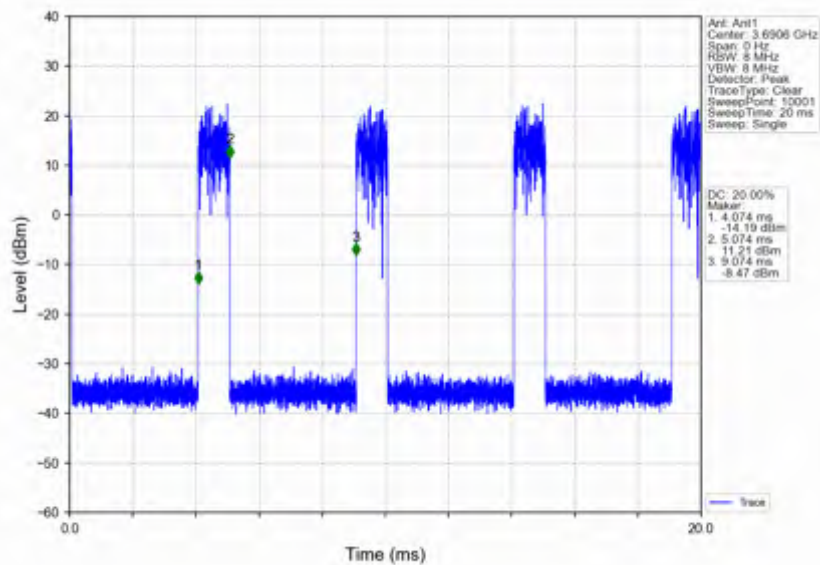
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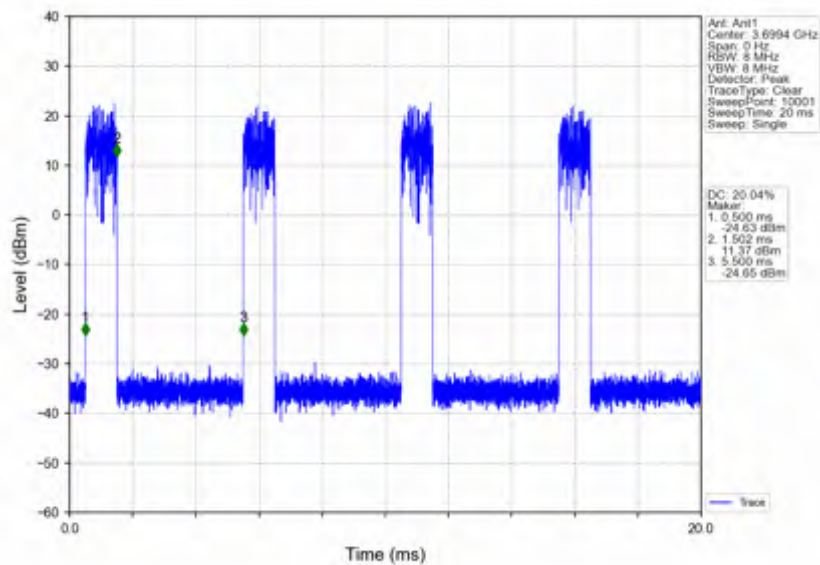
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 3694.995MHz Inner_1RB_Left



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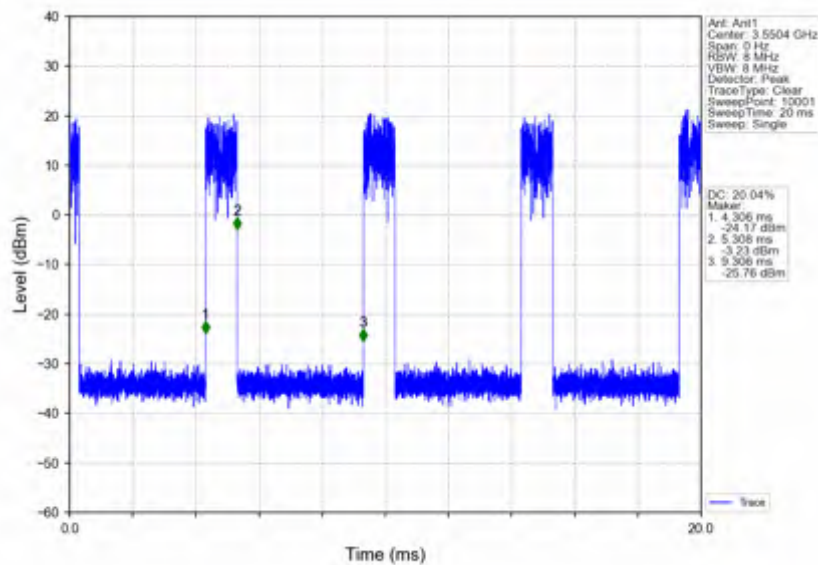
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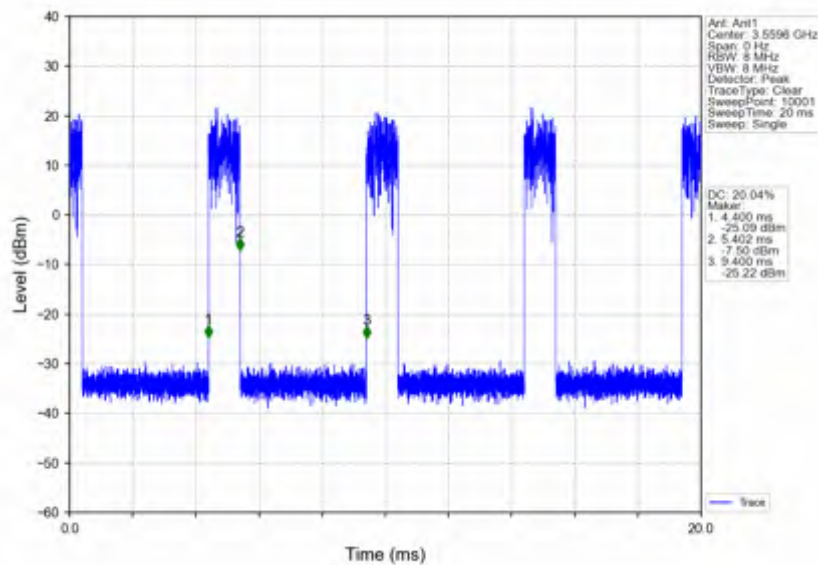
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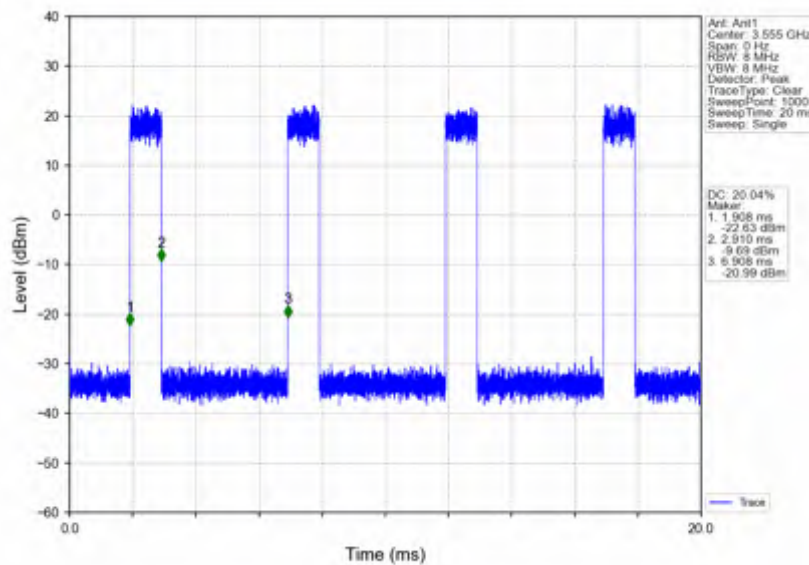
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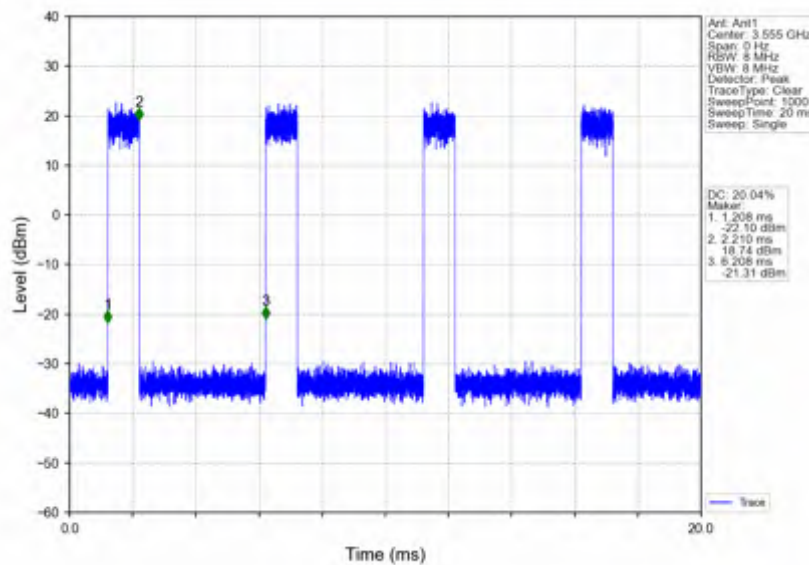
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3555MHz_Outer_Full



n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3555MHz_Inner_Full



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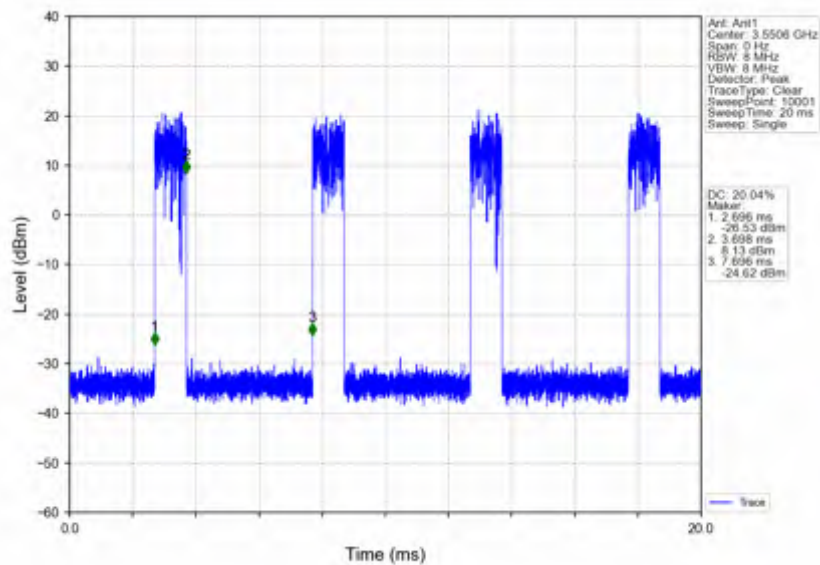
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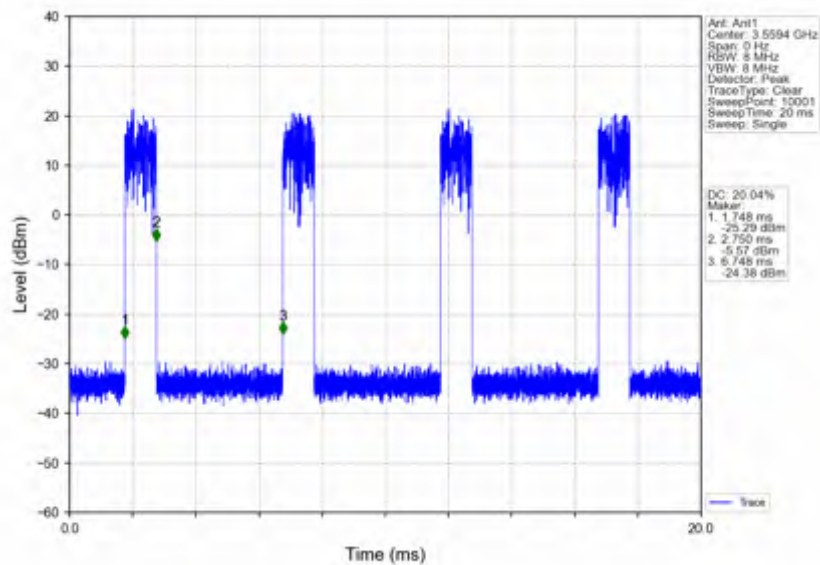
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3555MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3555MHz_Inner_1RB_Right

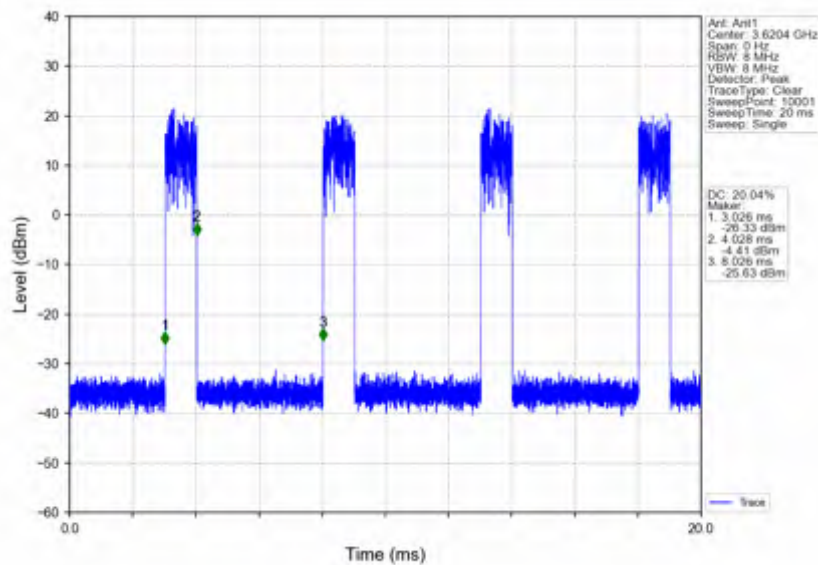


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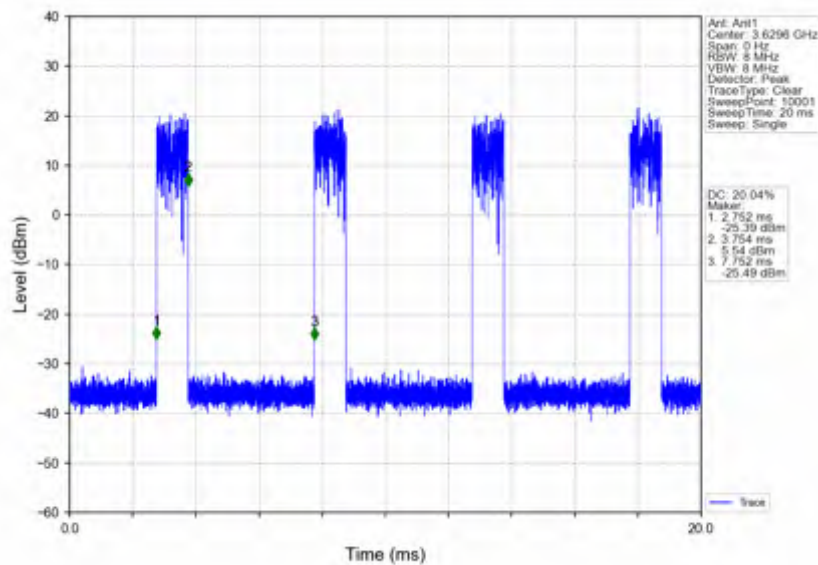
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3625.005MHz_Edge_1RB_Right



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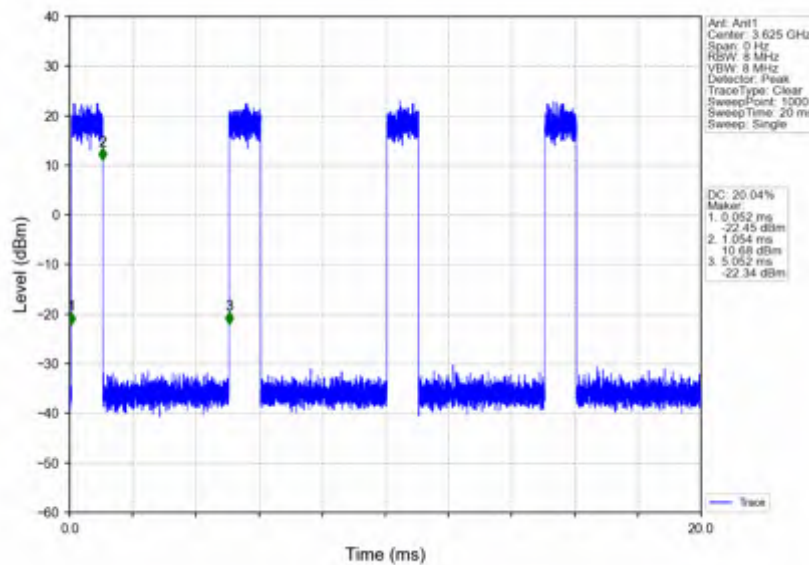
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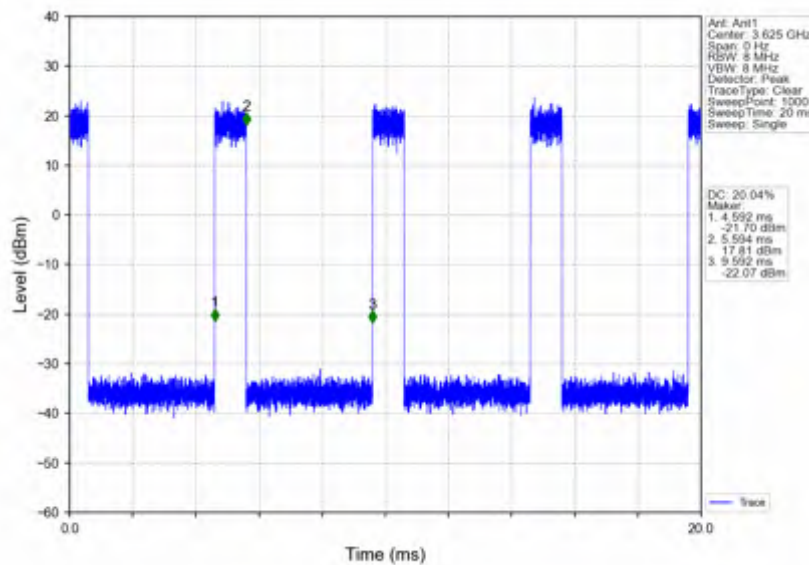
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_3625.005MHz_Inner_Full



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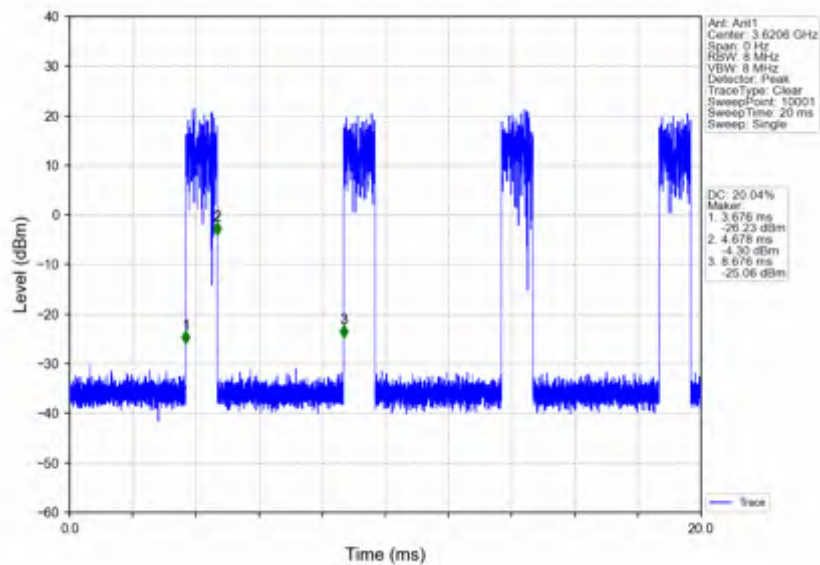
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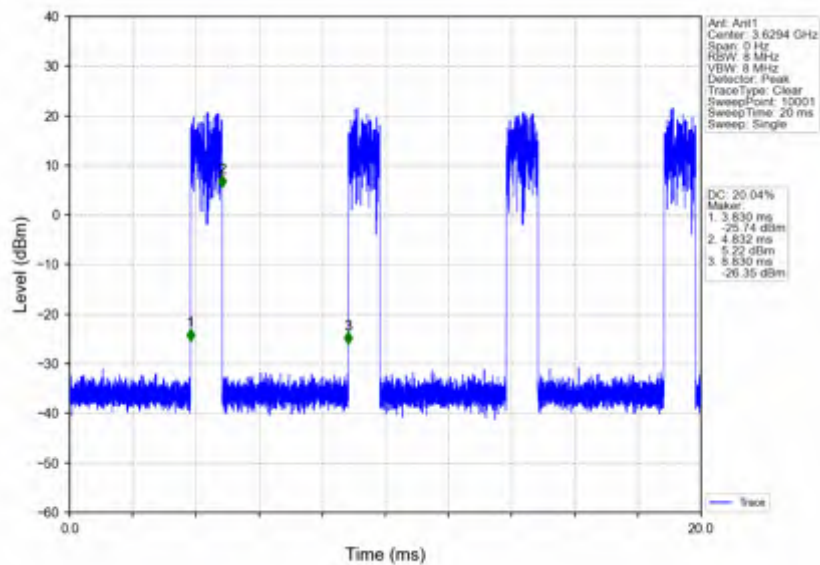
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3625.005MHz_Inner_1RB_Right



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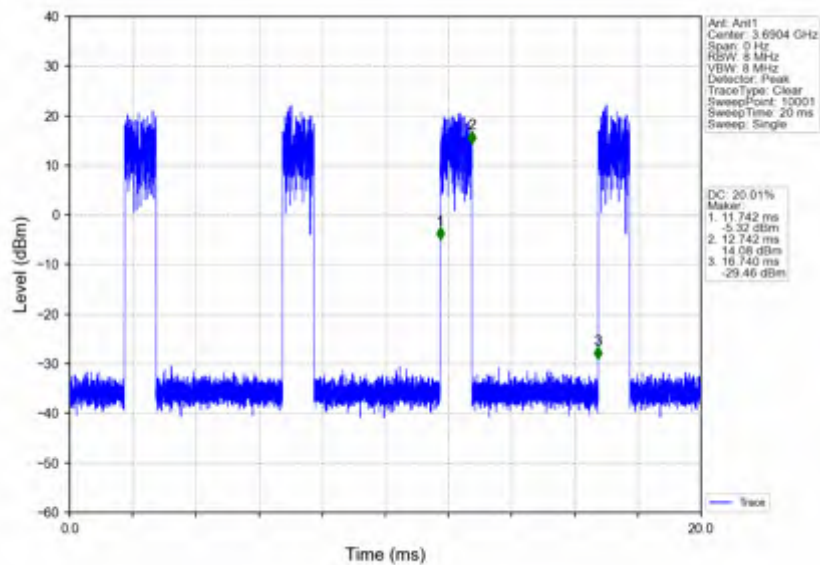
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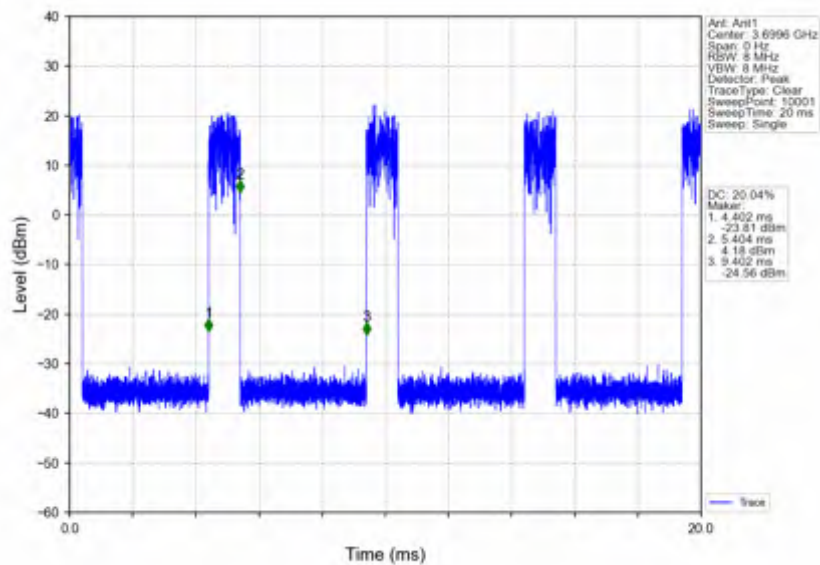
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3694.995MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3694.995MHz_Edge_1RB_Right

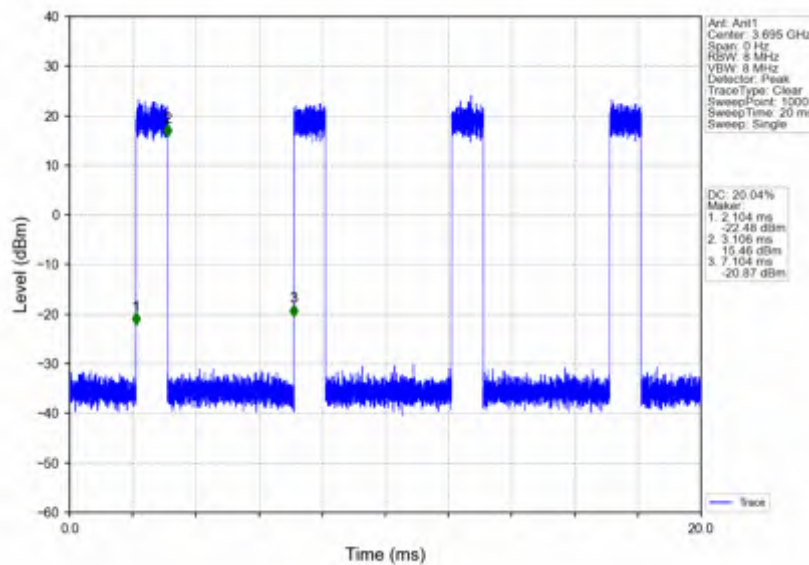


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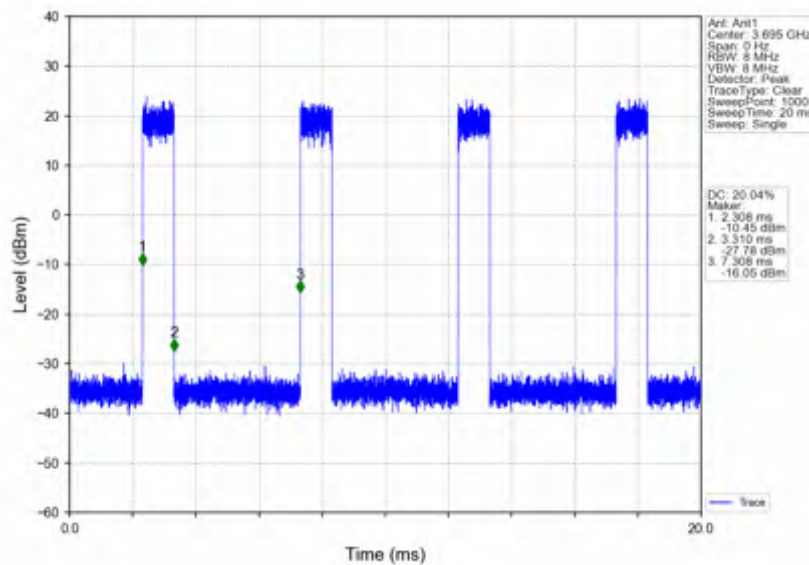
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 3694.995MHz_Outer_Full



n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 3694.995MHz_Inner_Full



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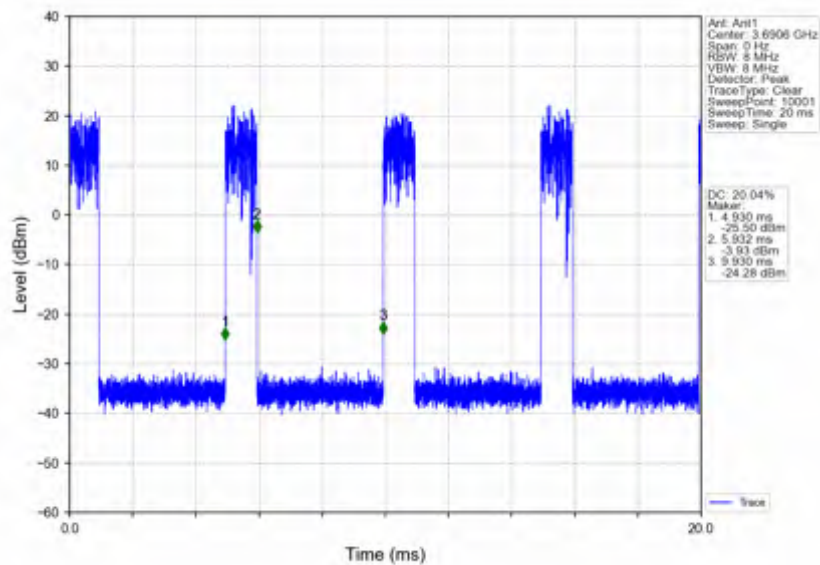
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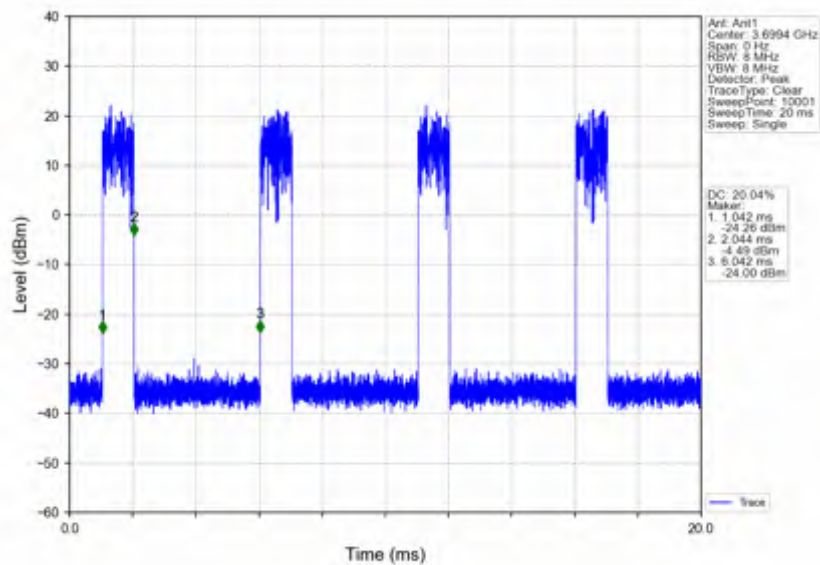
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n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3694.995MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3694.995MHz_Inner_1RB_Right



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86-5125735688 86-5125737011 sgs.china@sgs.com

1.2 15k_SISO_15MHz_NTNV

1.2.1 Test Result

5G NR n78d SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
DFT-s-OFDM PI/2 BPSK	3557.505	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	0.03
	3625.005	Edge_1RB_Left	1.004	5.000	20.08	6.97	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	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	1.004	5.000	20.08	6.97	0.04
		Inner_1RB_Right	1.020	5.000	20.40	6.90	0.00
	3692.49	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.03
		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	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	4.998	20.01	6.99	0.02
DFT-s-OFDM QPSK	3557.505	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	4.998	20.05	6.98	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	5.002	20.03	6.98	0.01
	3625.005	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	1.000	5.000	20.00	6.99	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
	3692.49	Edge_1RB_Left	1.000	4.998	20.01	6.99	0.03
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.01
		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	1.002	5.000	20.04	6.98	0.00
DFT-s-OFDM 16 QAM	3557.505	Edge_1RB_Left	1.000	4.998	20.01	6.99	0.02
		Edge_1RB_Right	1.000	4.998	20.01	6.99	0.03
		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	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
	3625.005	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	1.000	5.000	20.00	6.99	0.04
		Inner_Full	1.002	5.000	20.04	6.98	0.00



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		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	1.002	5.000	20.04	6.98	0.00
	3692.49	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	4.998	20.01	6.99	0.03
		Inner 1RB Right	1.002	5.000	20.04	6.98	0.00
DFT-s-OFDM 64 QAM	3557.505	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	1.000	5.000	20.00	6.99	0.04
		Inner 1RB Right	1.000	5.000	20.00	6.99	0.01
	3625.005	Edge 1RB Left	1.000	5.000	20.00	6.99	0.03
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.00
		Outer Full	1.002	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	5.002	20.03	6.98	0.01
	3692.49	Edge 1RB Left	1.000	5.000	20.00	6.99	0.04
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.01
		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
DFT-s-OFDM 256 QAM	3557.505	Edge 1RB Left	1.000	5.000	20.00	6.99	0.04
		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
	3625.005	Edge 1RB Left	1.000	5.000	20.00	6.99	0.04
		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	1.000	5.000	20.00	6.99	0.03
	3692.49	Edge 1RB Left	1.000	4.998	20.01	6.99	0.03
		Edge 1RB Right	1.002	5.000	20.04	6.98	0.00
		Outer Full	1.002	5.000	20.04	6.98	0.00
		Inner Full	1.002	5.000	20.04	6.98	0.00
		Inner 1RB Left	1.000	5.000	20.00	6.99	0.03
		Inner 1RB Right	1.002	5.000	20.04	6.98	0.00
CP-OFDM QPSK	3557.505	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	1.000	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
	3625.005	Edge 1RB Left	1.002	5.000	20.04	6.98	0.00
		Edge 1RB Right	1.000	5.000	20.00	6.99	0.03



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886-5125735688 886-51257370618 ags.china@ags.com

		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	0.01
		Inner_1RB_Right	1.000	4.998	20.01	6.99	0.03
	3692.49	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
		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 16 QAM	3557.505	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
		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
	3625.005	Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.002	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
	3692.49	Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	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	0.01
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.04
CP-OFDM 64 QAM	3557.505	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
		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
	3625.005	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	1.000	5.000	20.00	6.99	0.04
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.002	20.03	6.98	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
	3692.49	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
		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
CP-OFDM 256 QAM	3557.505	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
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.01
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3625.005	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.01
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00



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 056-512157350888 056-512157370910 sgs.china@sgs.com

		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.000	5.000	20.00	6.99	0.04
		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
	3692.49	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	1.000	4.998	20.01	6.99	0.03
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.04



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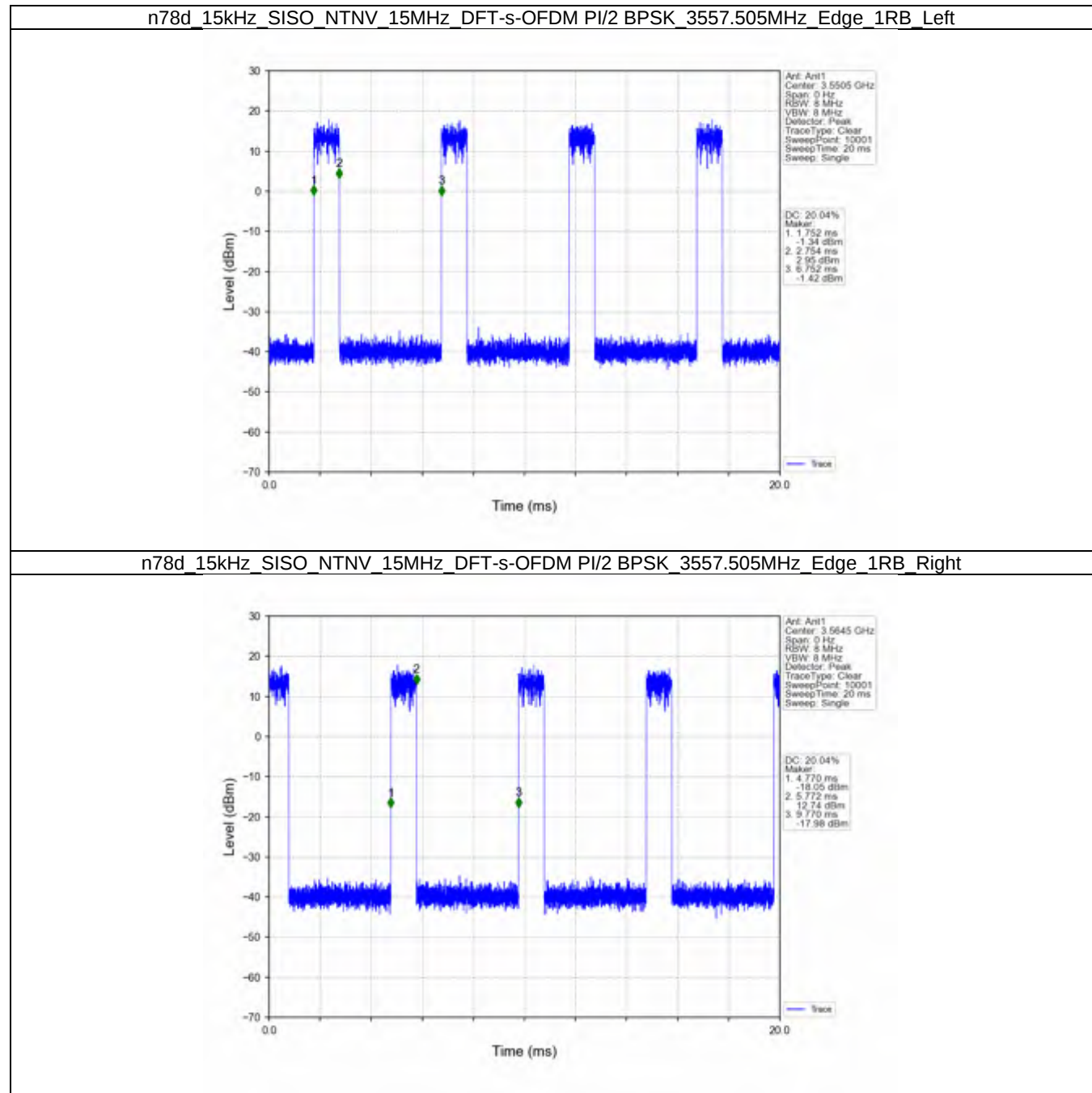
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1.2.2 Test Graph



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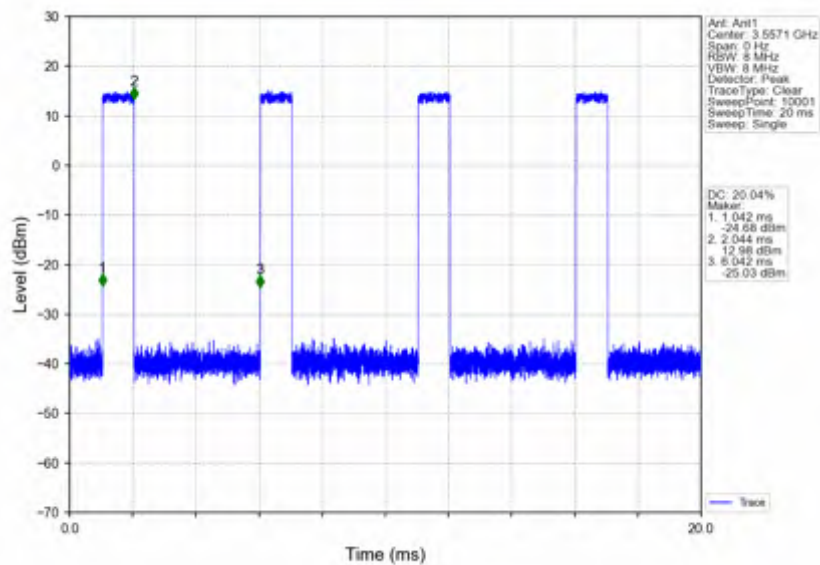
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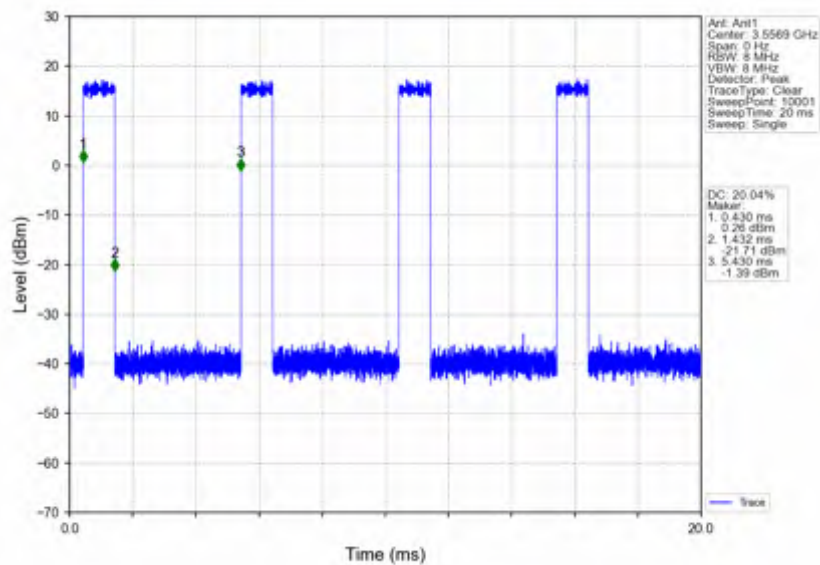
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0086-51257350888 006-51257370011 sgs.china@sgs.com

n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3557.505MHz_Outer_Full



n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3557.505MHz_Inner_Full



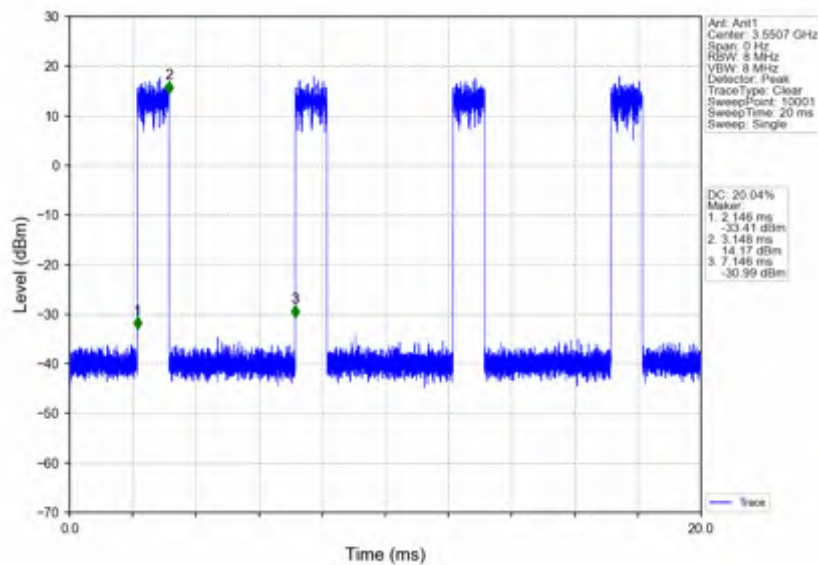
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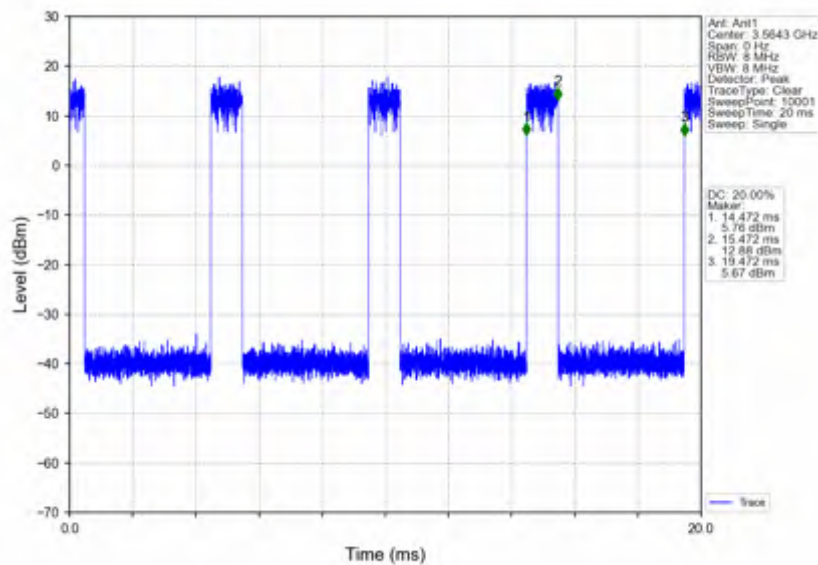
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3557.505MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3557.505MHz_Inner_1RB_Right

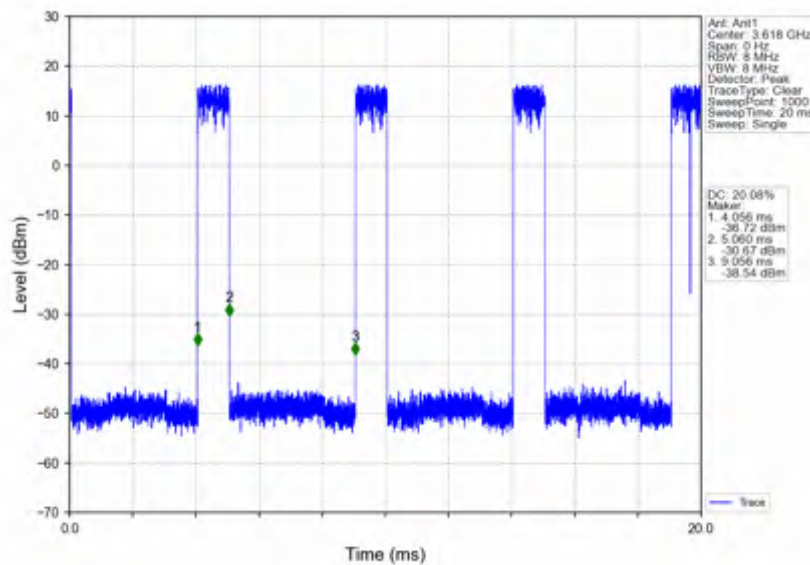


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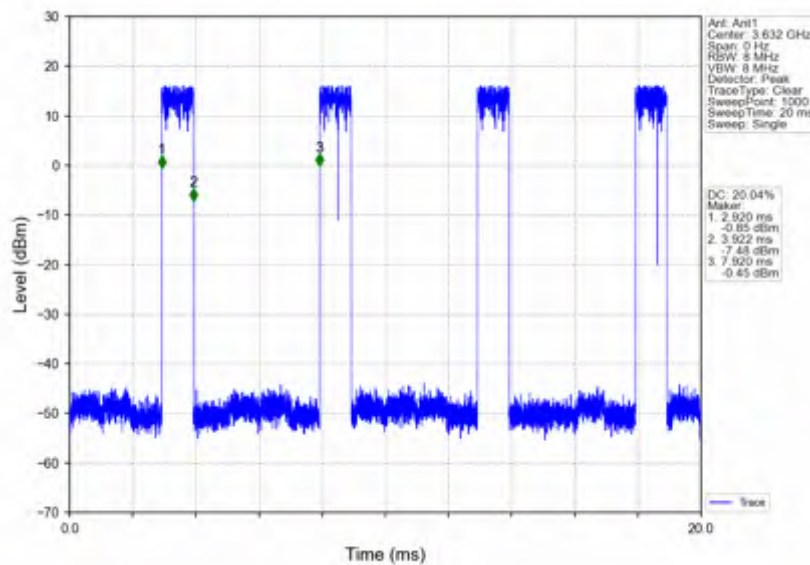
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3625.005MHz_Edge_1RB_Right

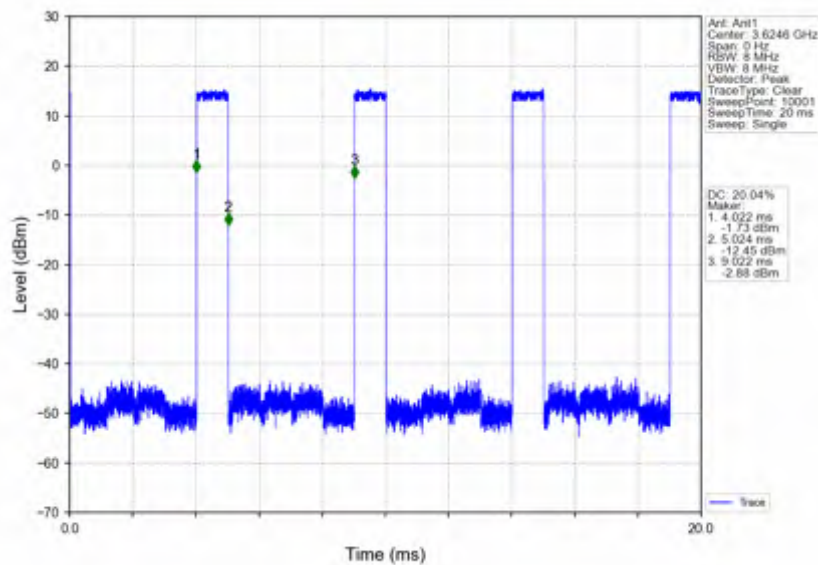


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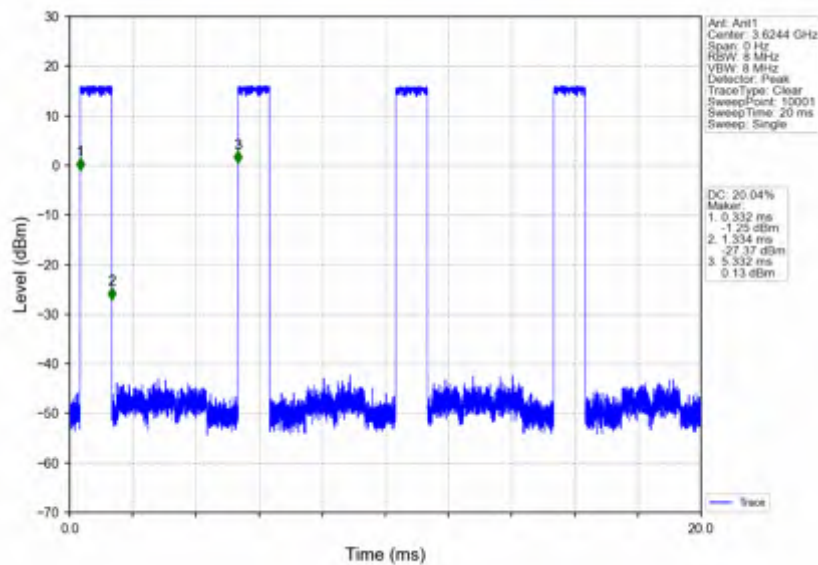
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3625.005MHz_Inner_Full



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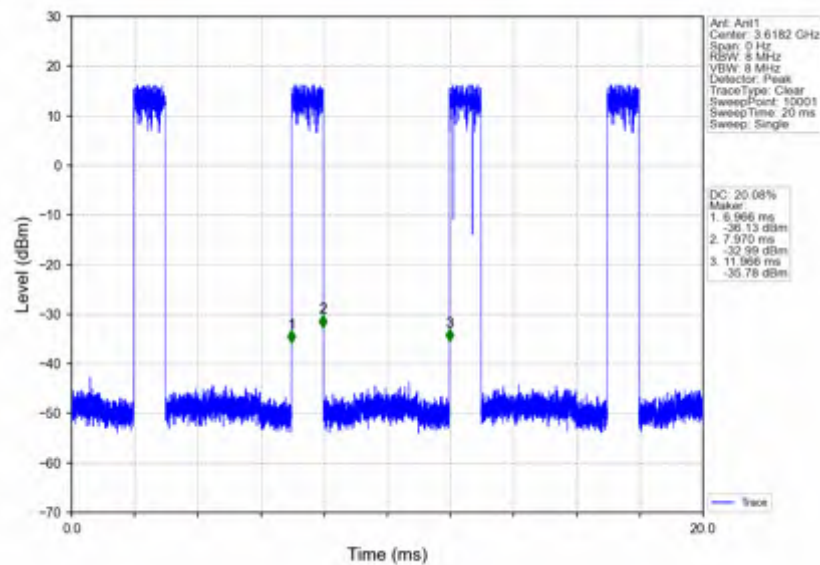
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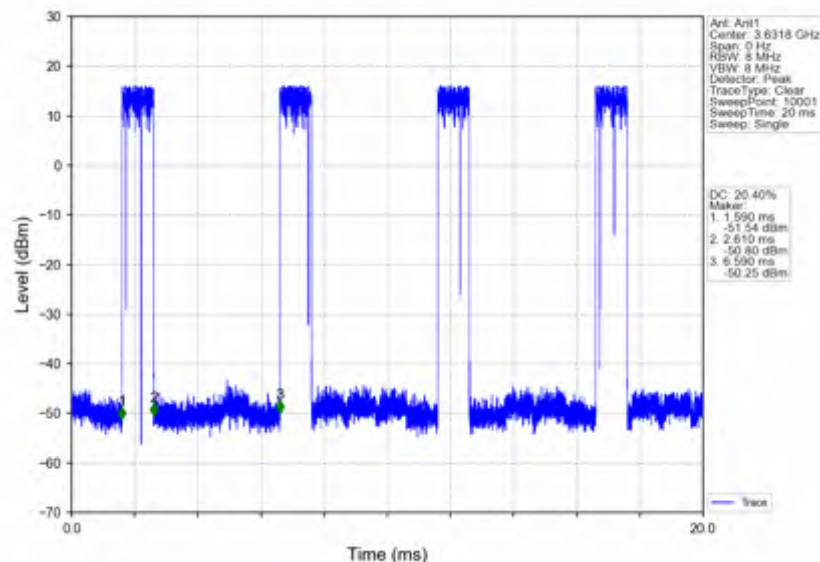
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3625.005MHz_Inner_1RB_Right

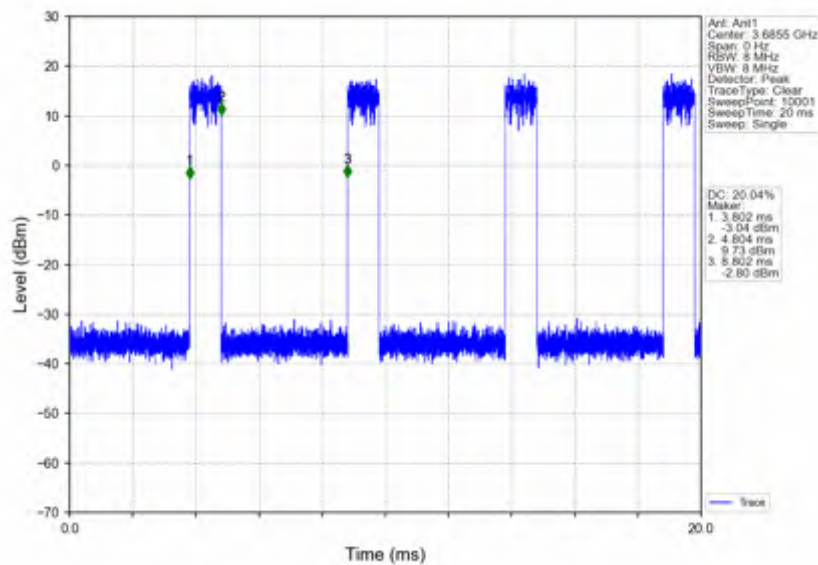


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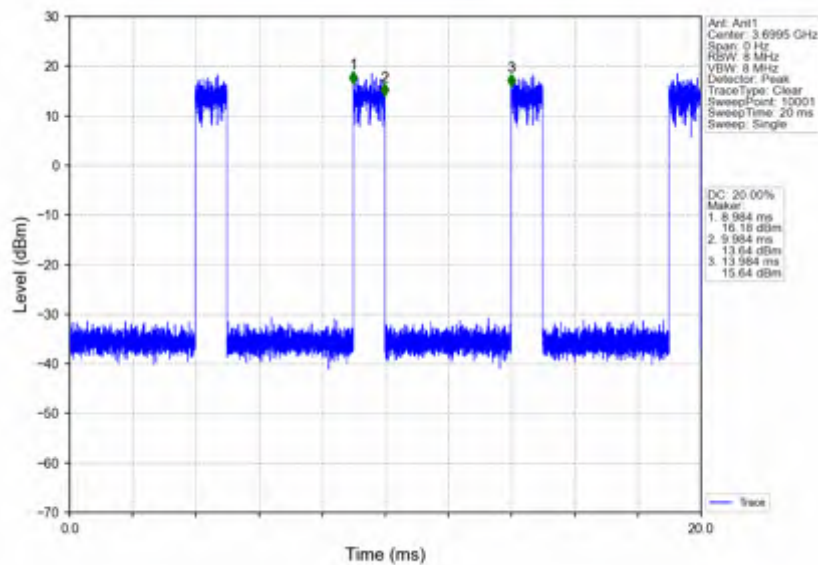
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3692.49MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3692.49MHz_Edge_1RB_Right



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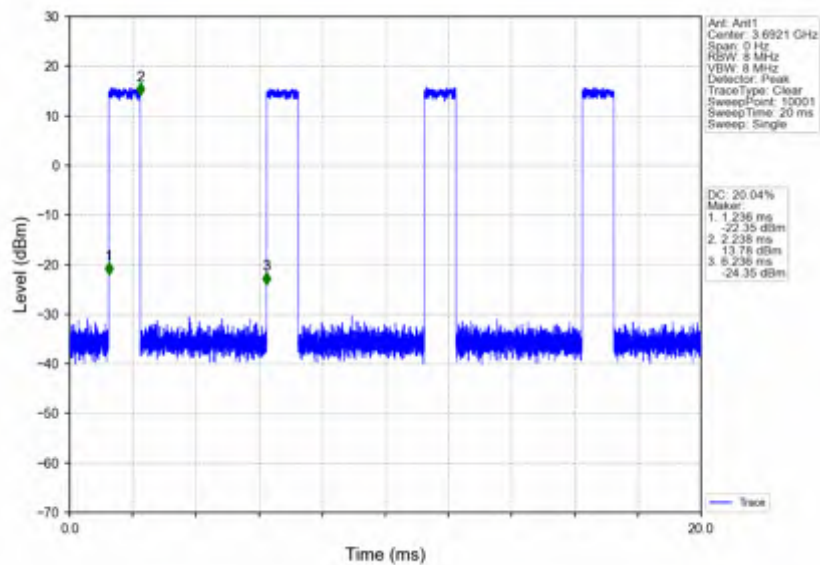
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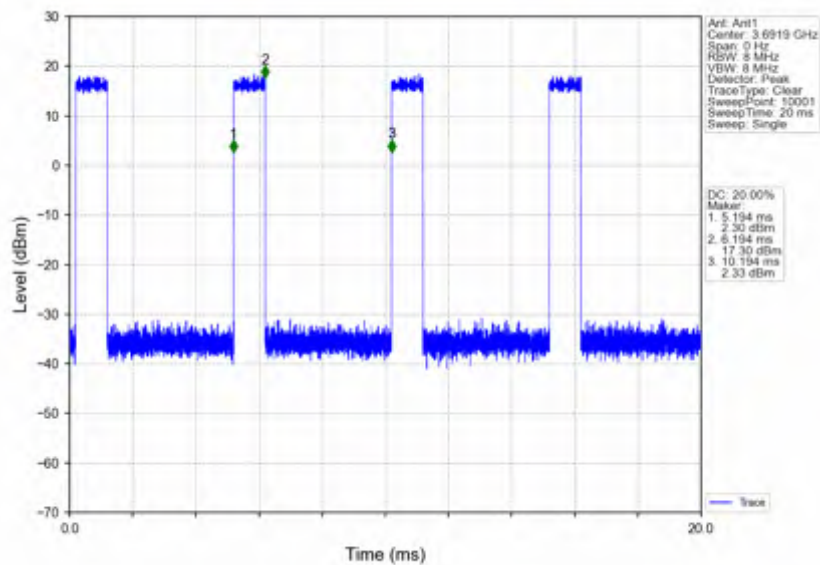
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3692.49MHz_Outer_Full



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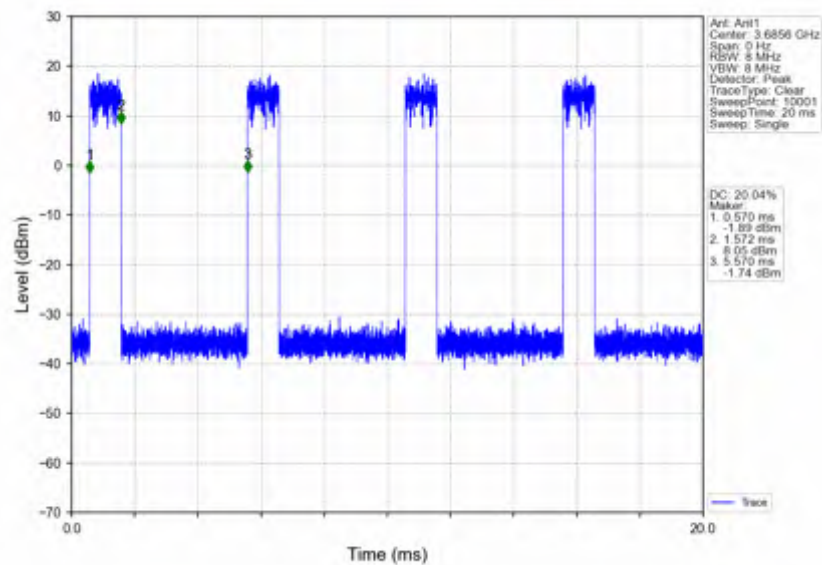


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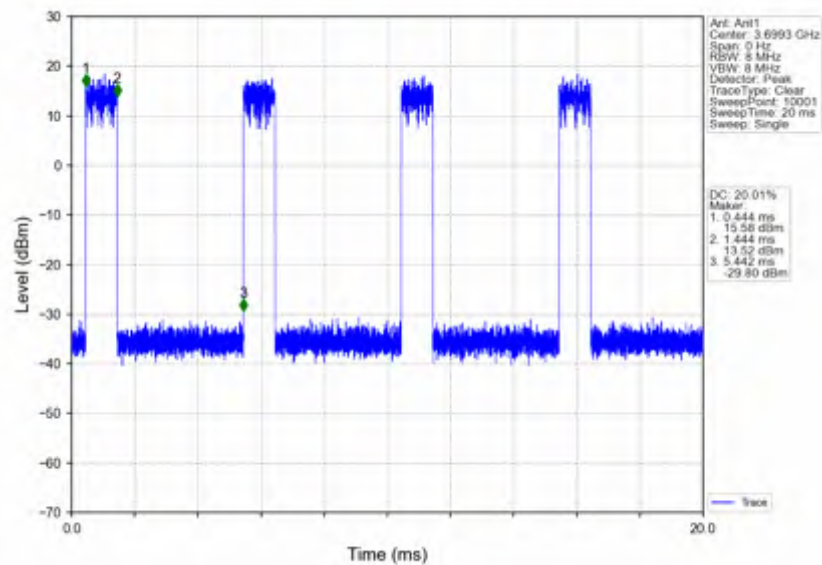
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3692.49MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3692.49MHz_Inner_1RB_Right



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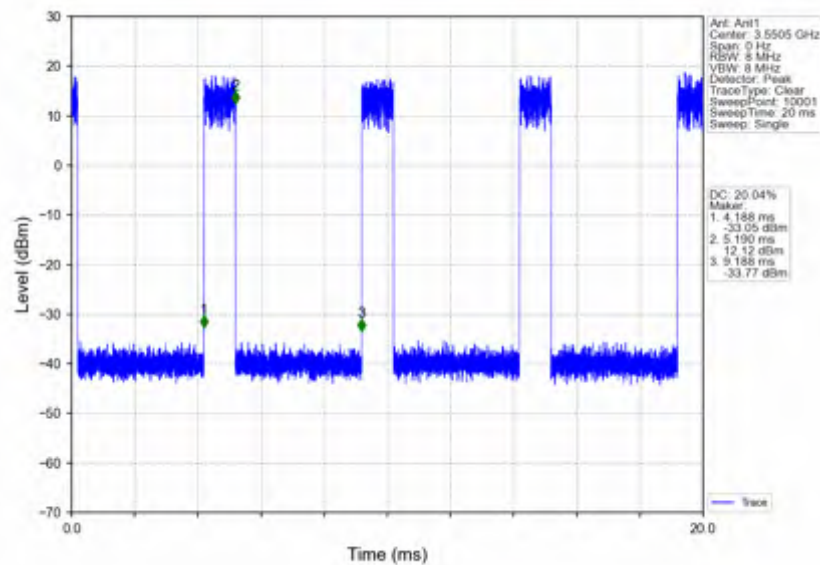
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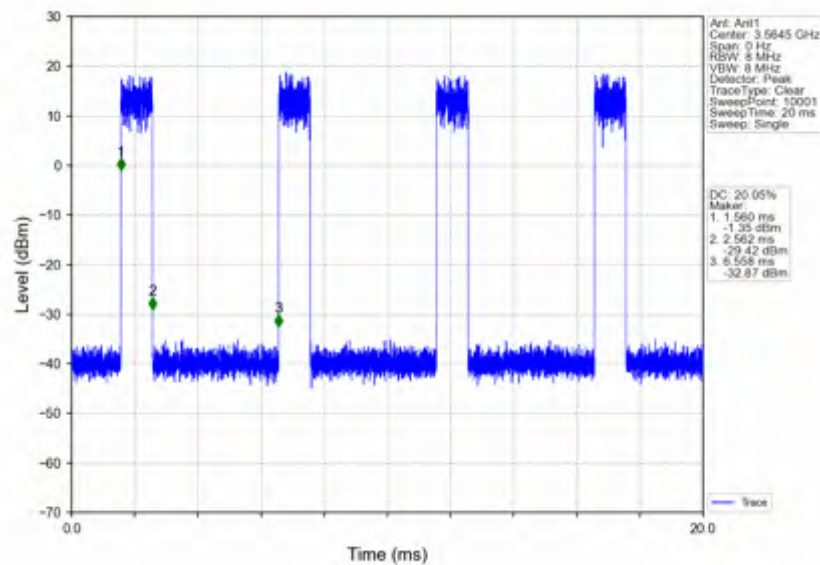
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3557.505MHz_Edge_1RB_Left



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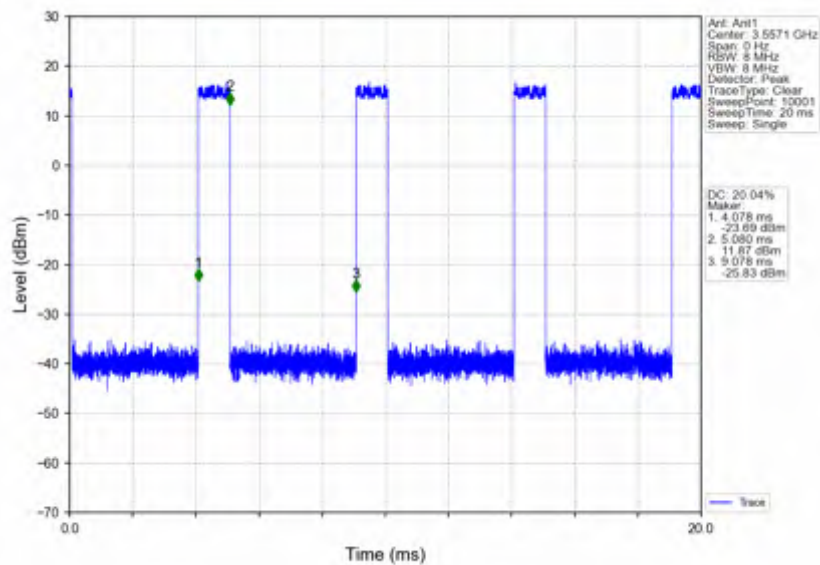
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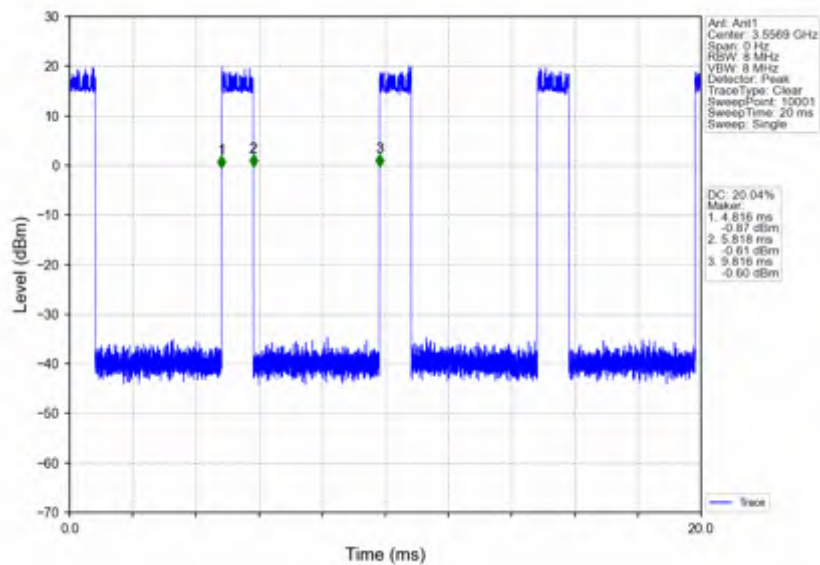
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3557.505MHz_Outer_Full



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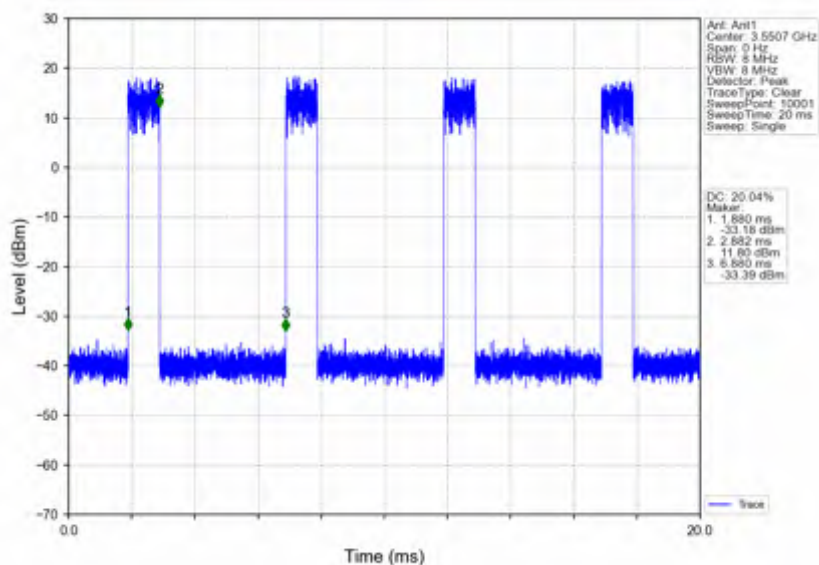


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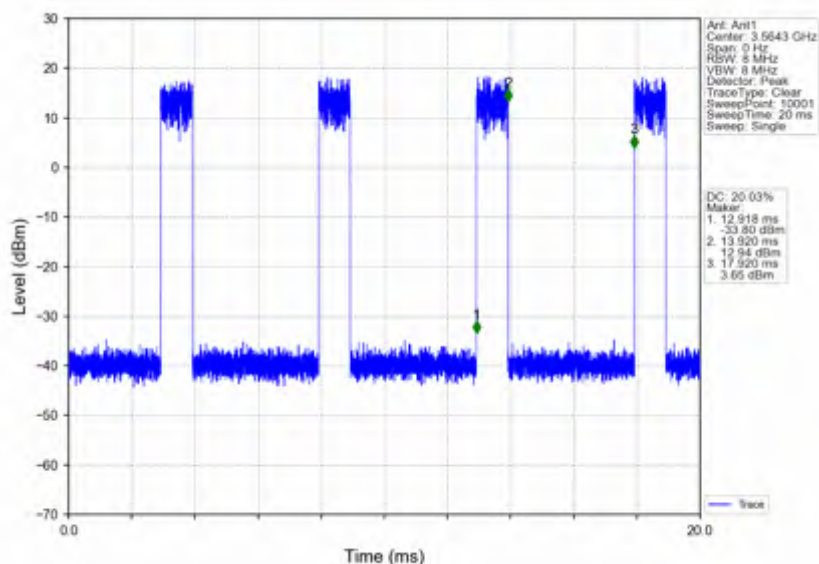
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n78d	15kHz	SISO	NTNV	15MHz	DFT-s-OFDM	QPSK	3557.505MHz	Inner	1RB	Left
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n78d	15kHz	SISO	NTNV	15MHz	DFT-s-OFDM	QPSK	3557.505MHz	Inner	1RB	Right
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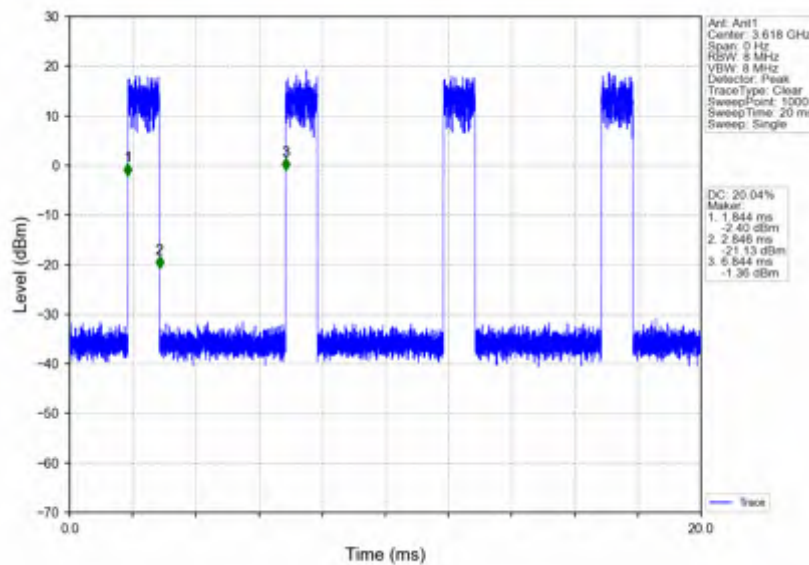


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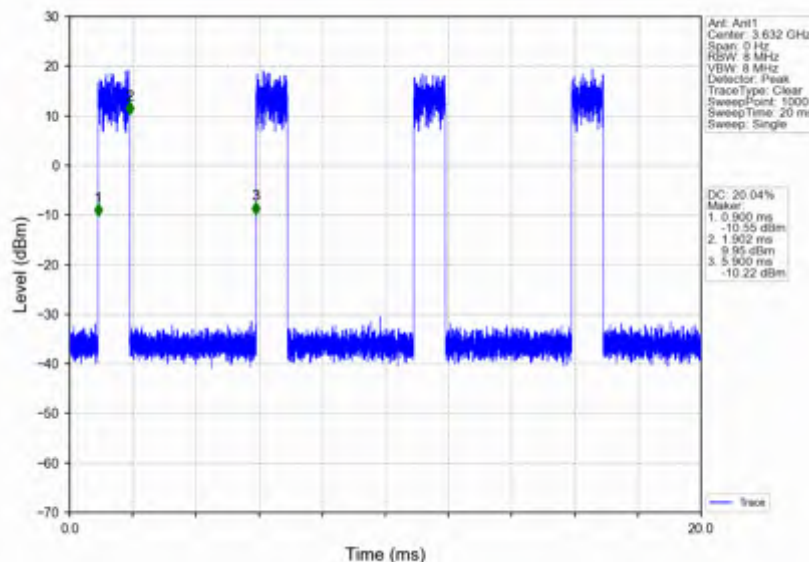
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3625.005MHz_Edge_1RB_Left



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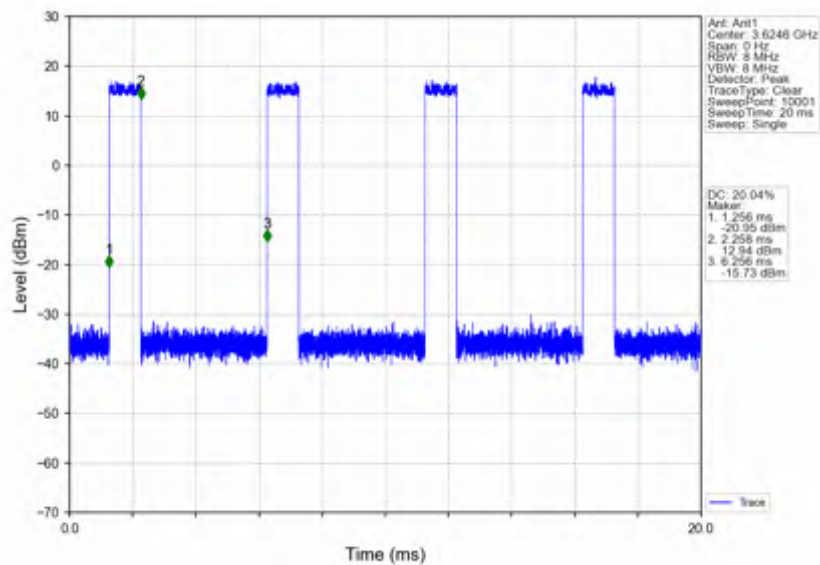
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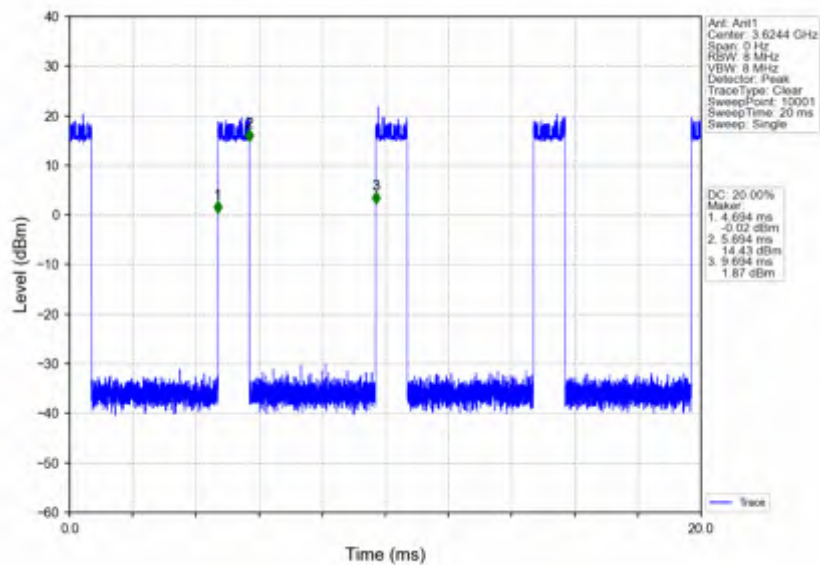
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3625.005MHz_Outer_Full



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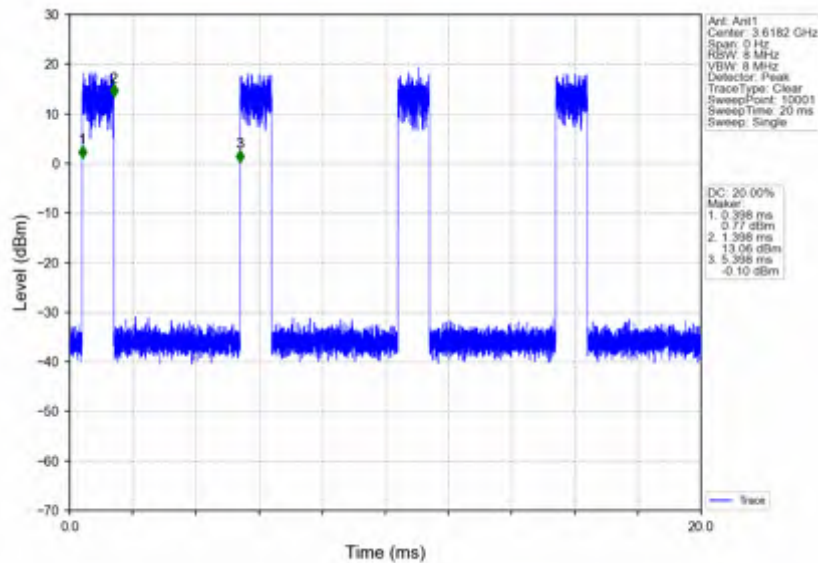
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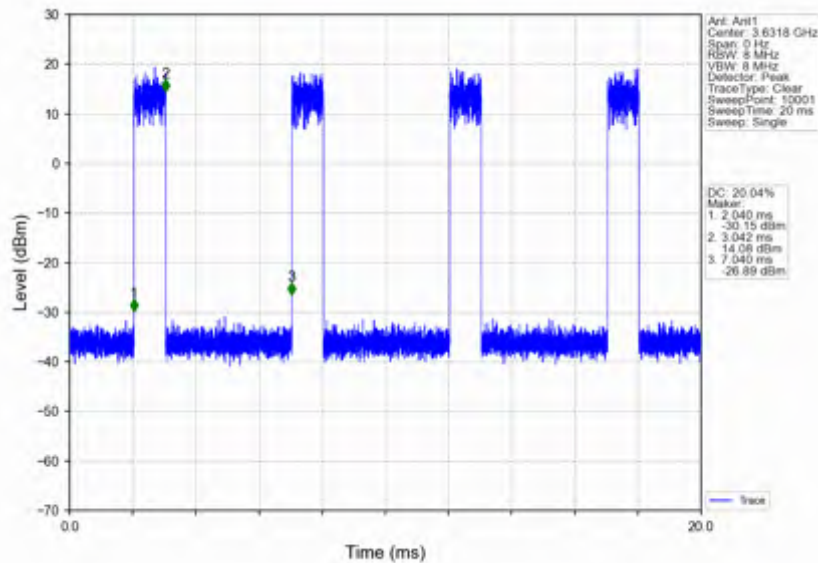
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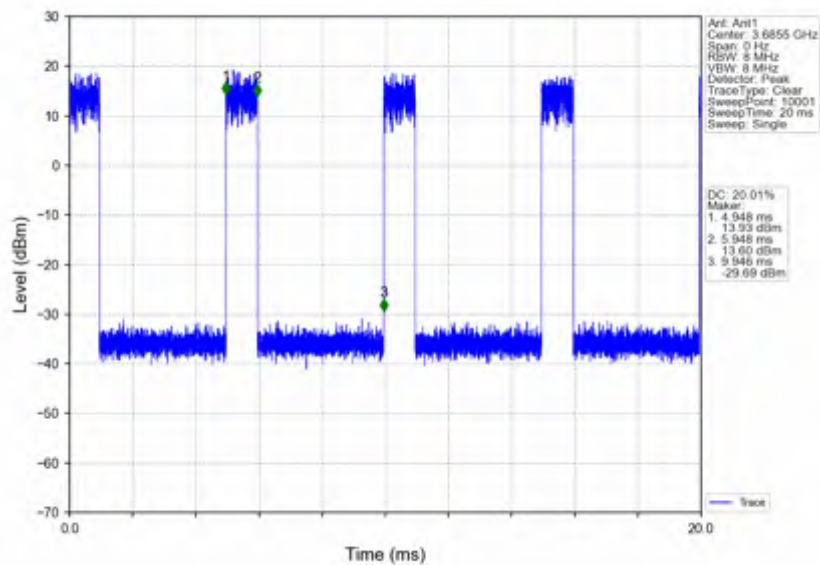
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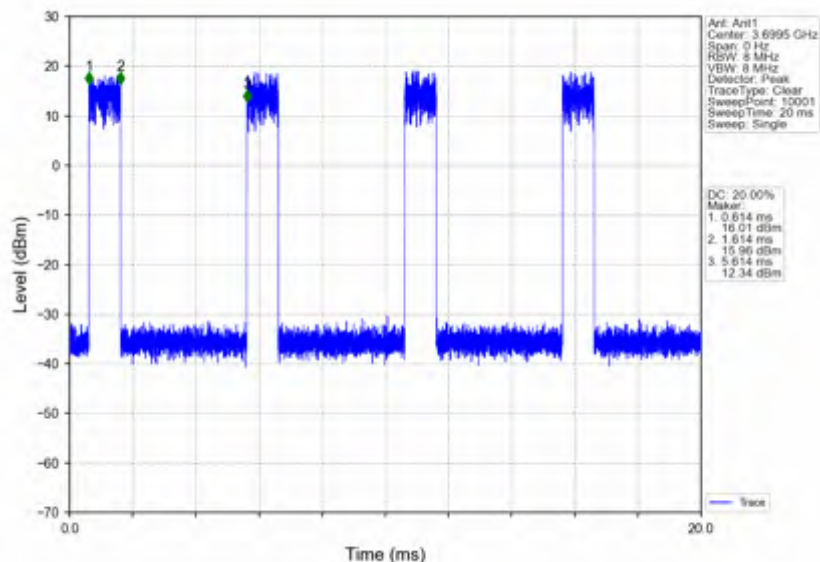
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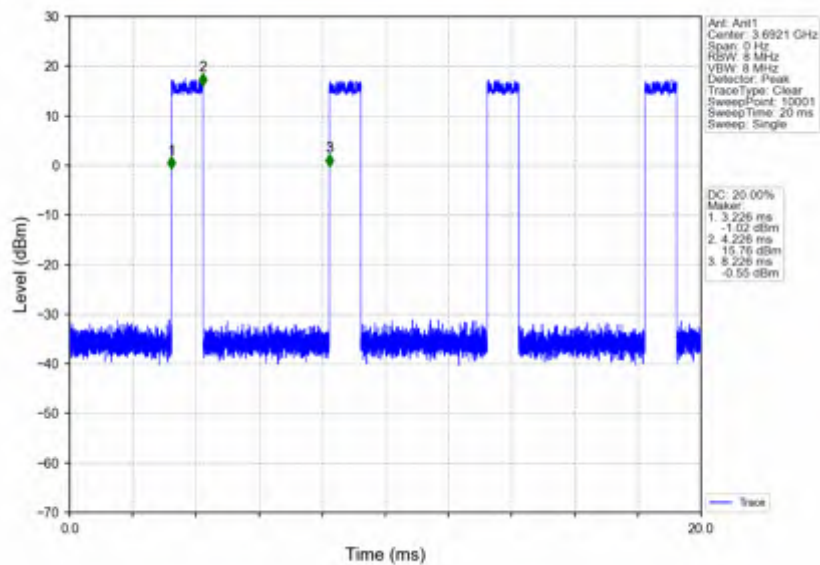
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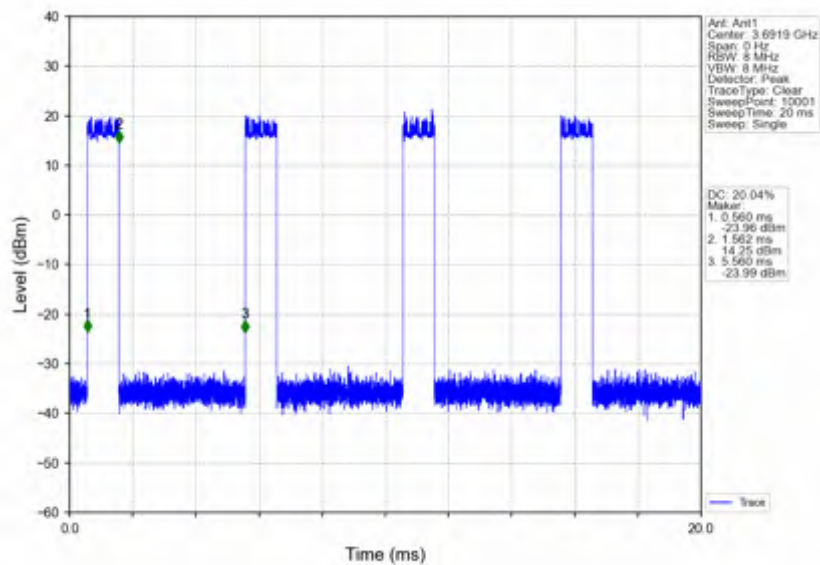
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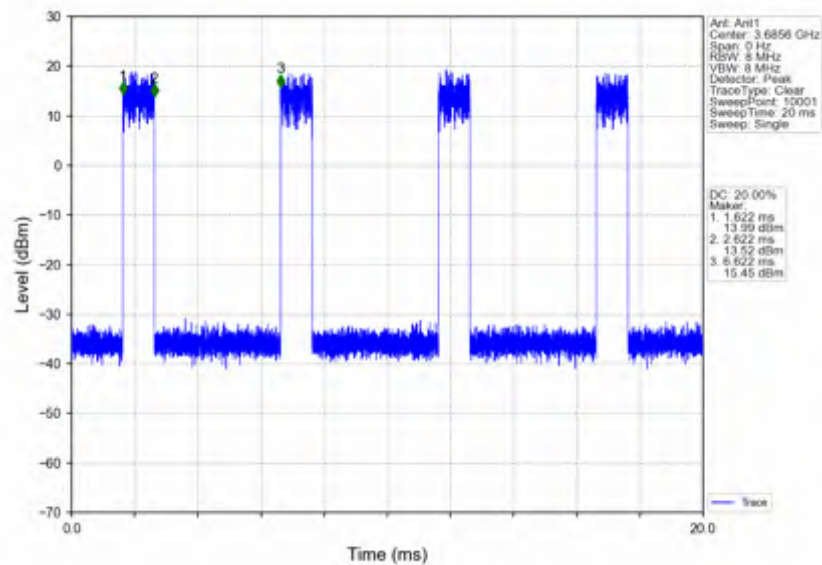


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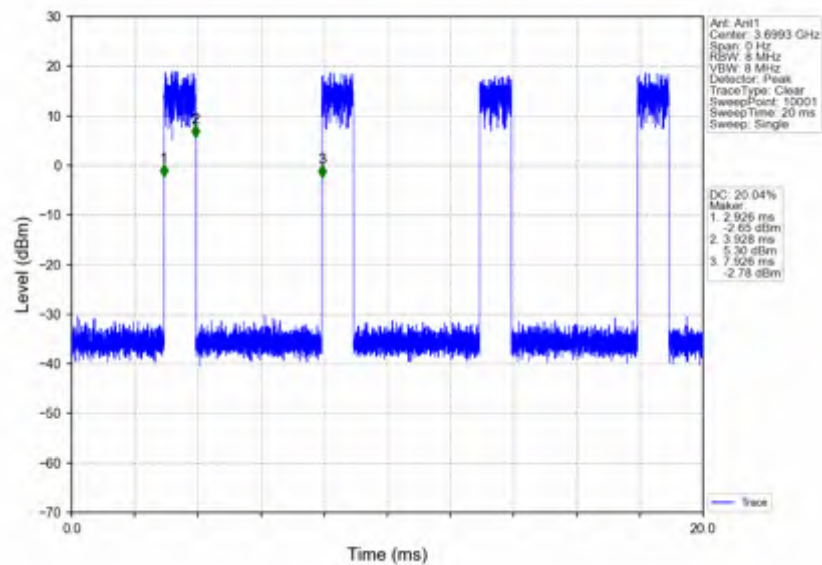
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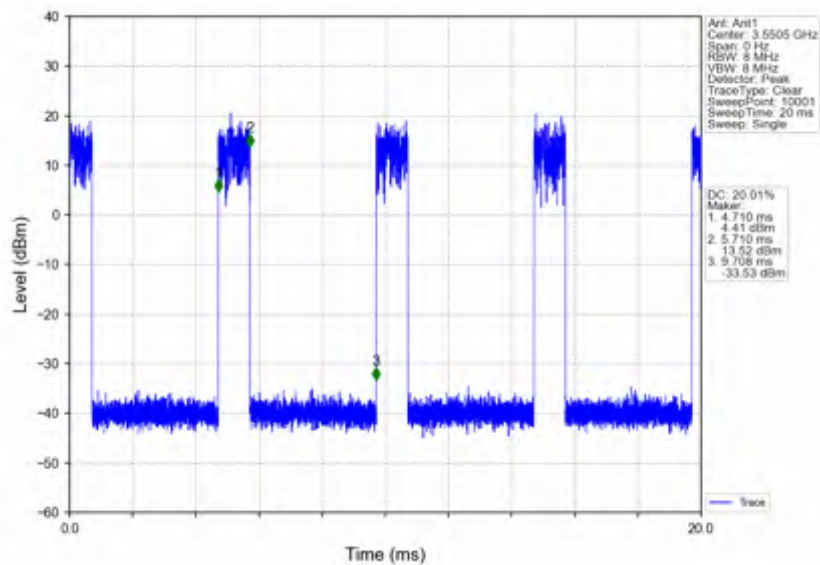
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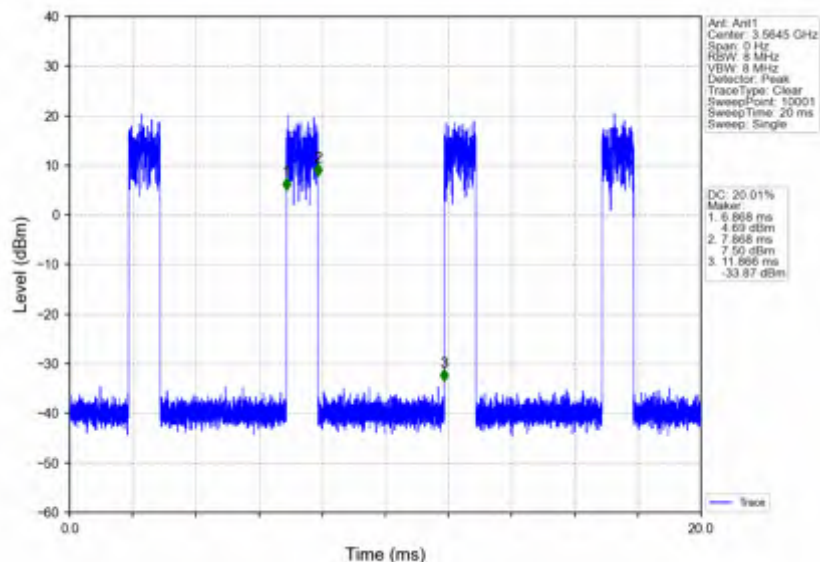
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3557.505MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3557.505MHz_Edge_1RB_Right

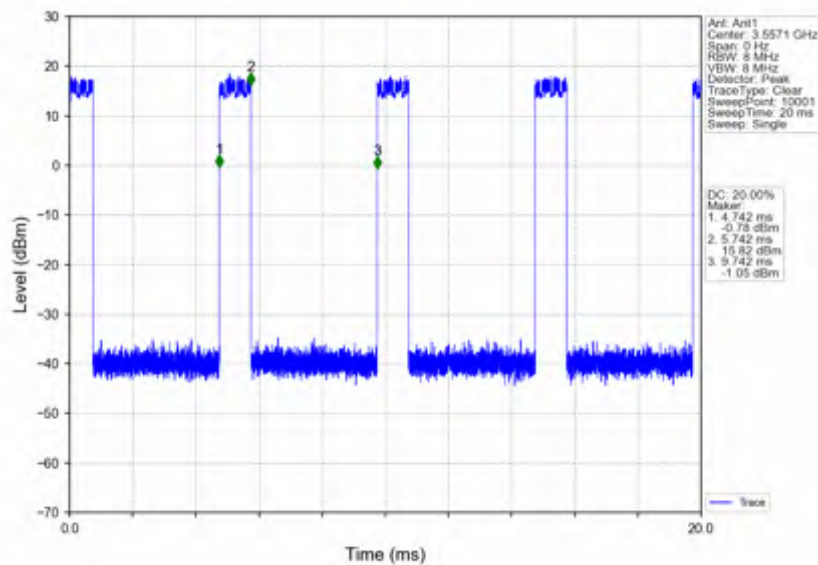


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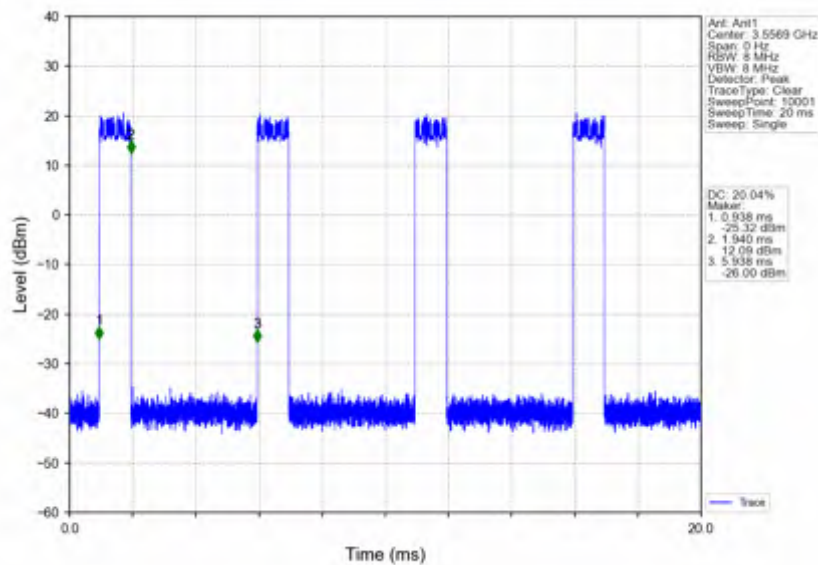
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3557.505MHz_Outer_Full



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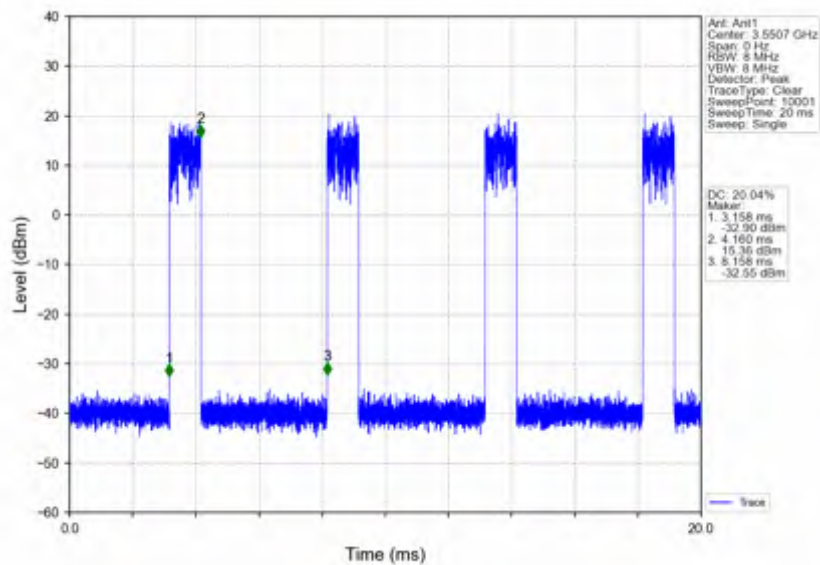
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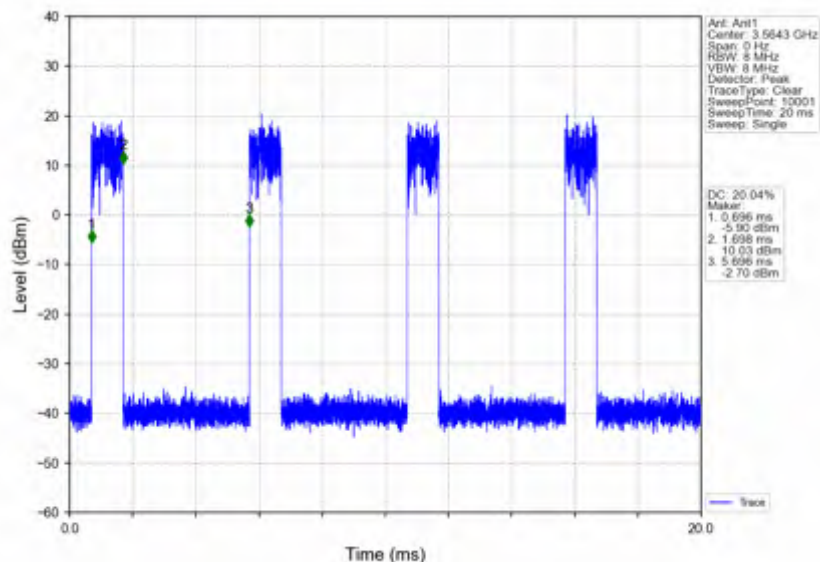
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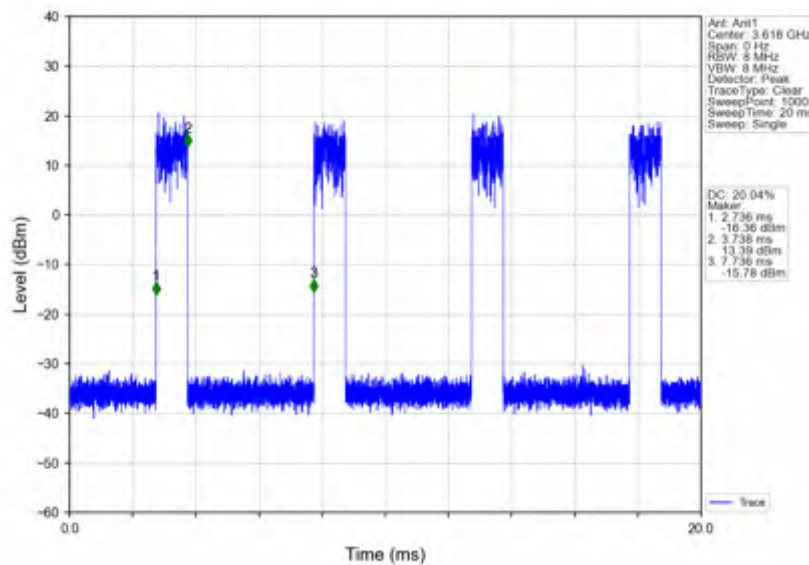


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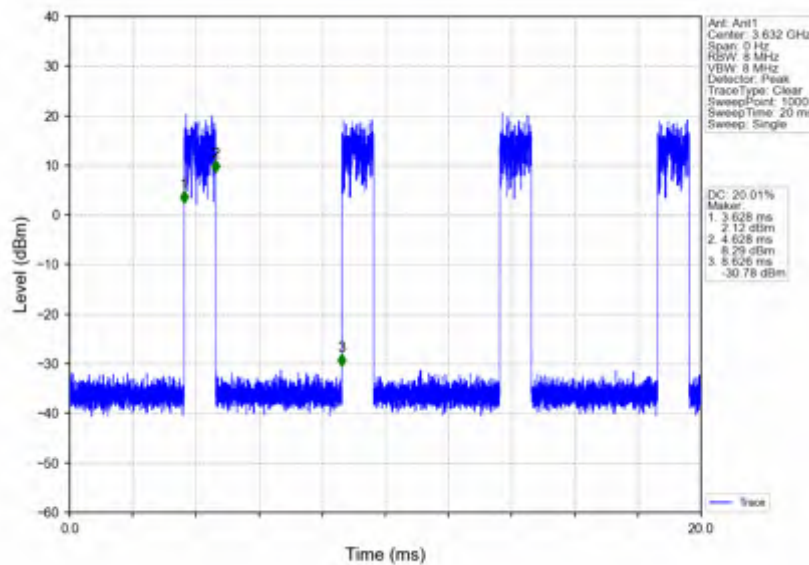
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3625.005MHz_Edge_1RB_Right



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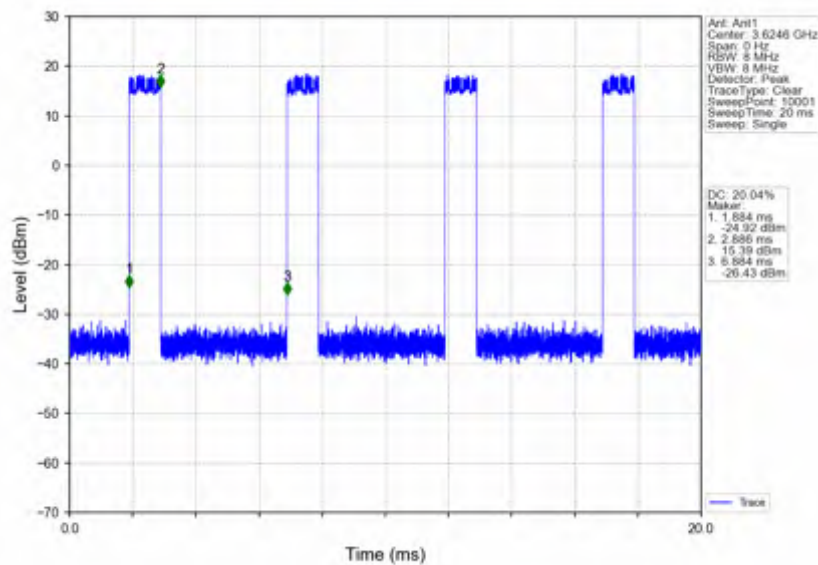
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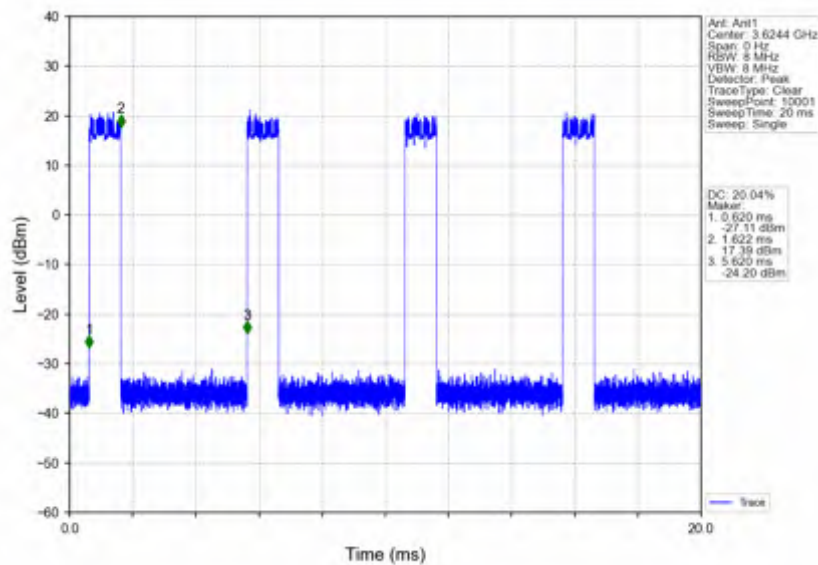
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3625.005MHz_Outer_Full



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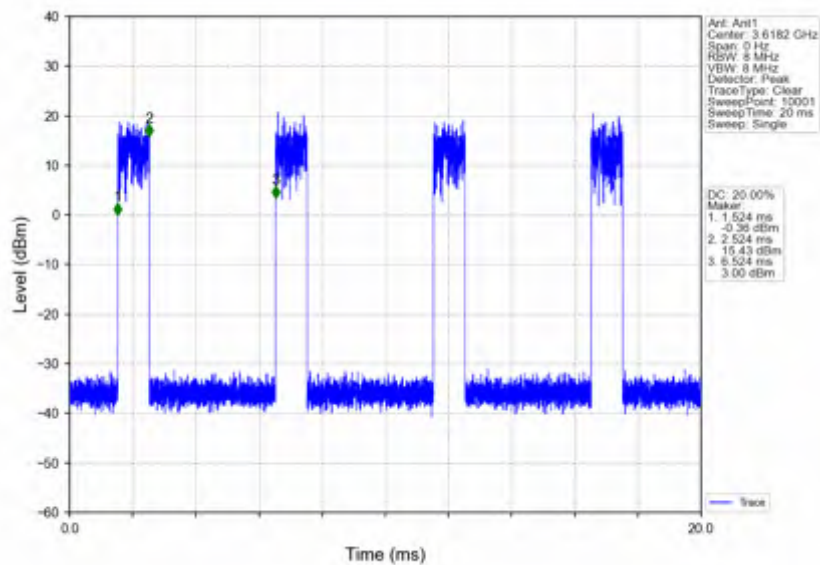
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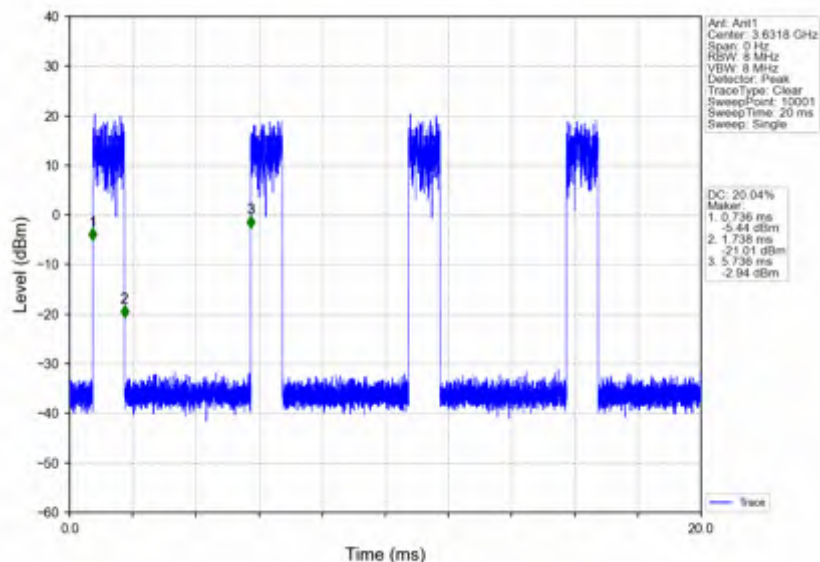
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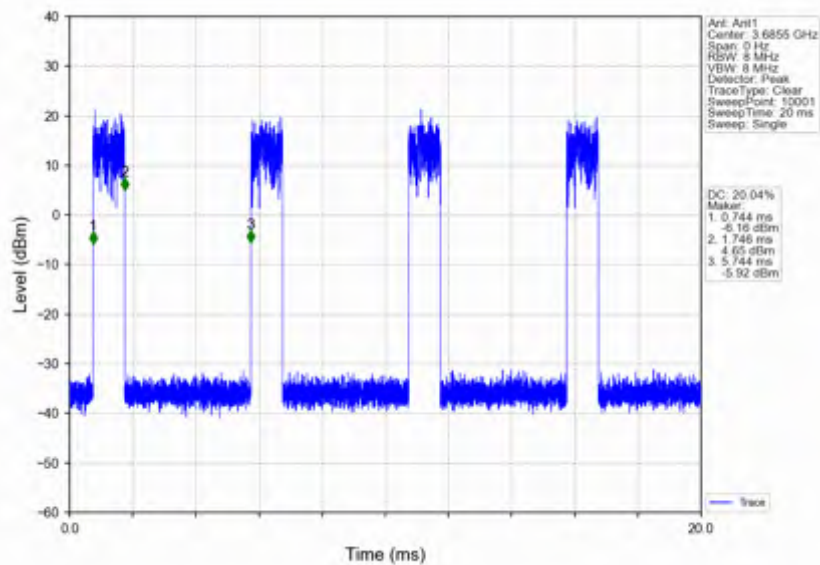
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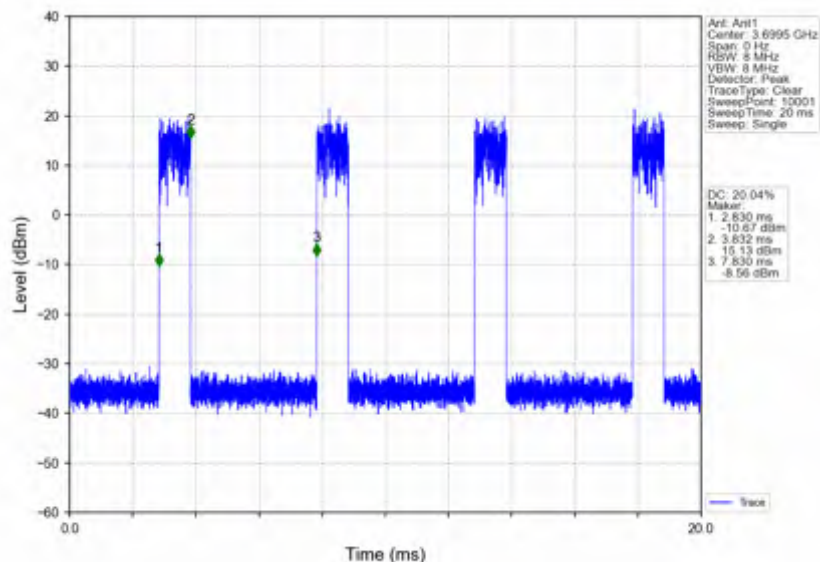
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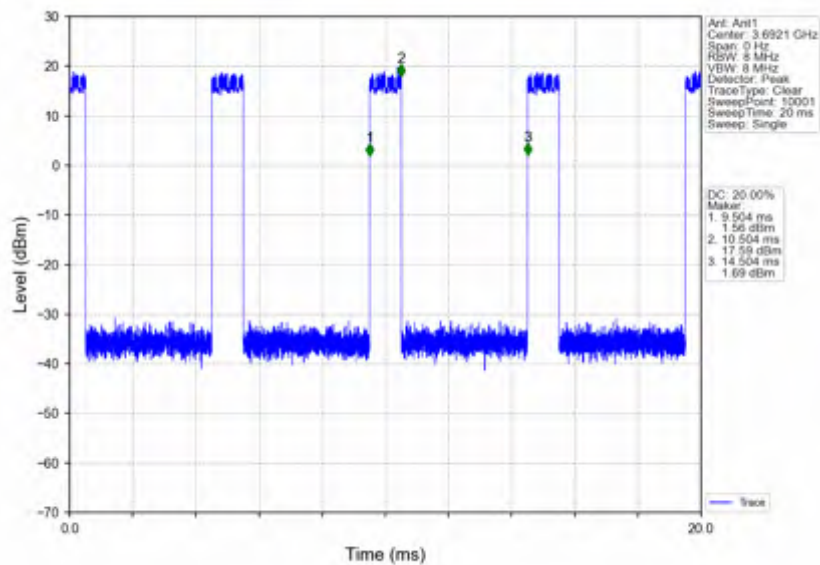
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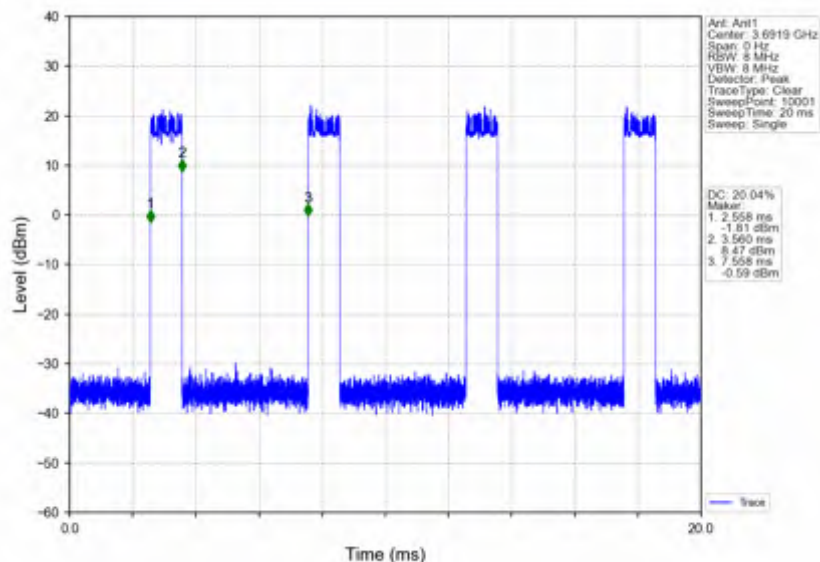
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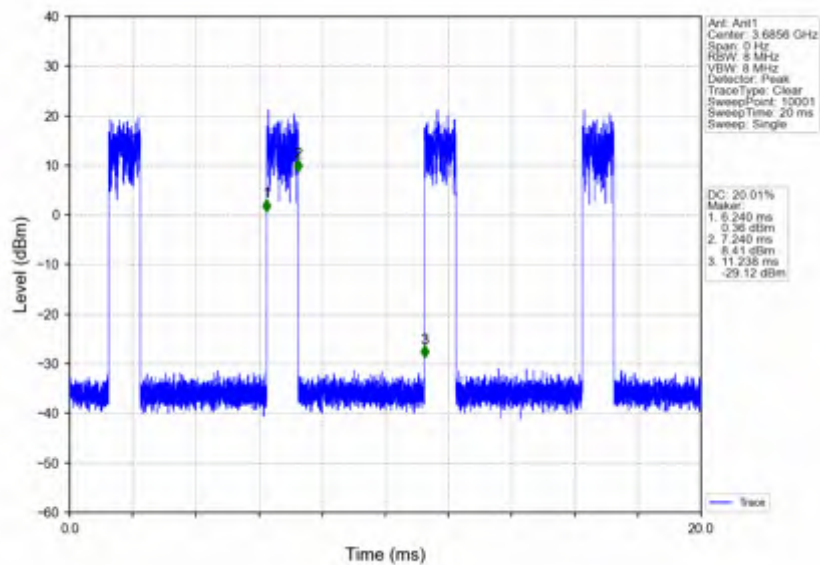
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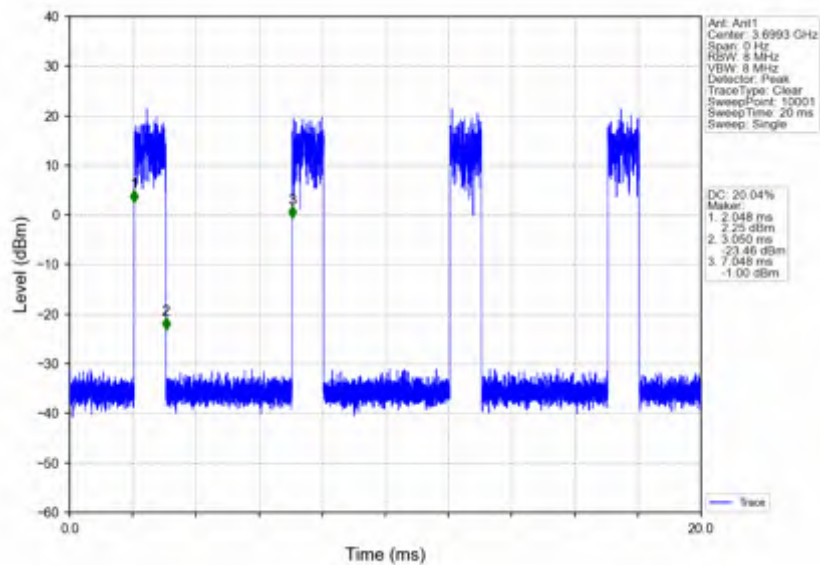
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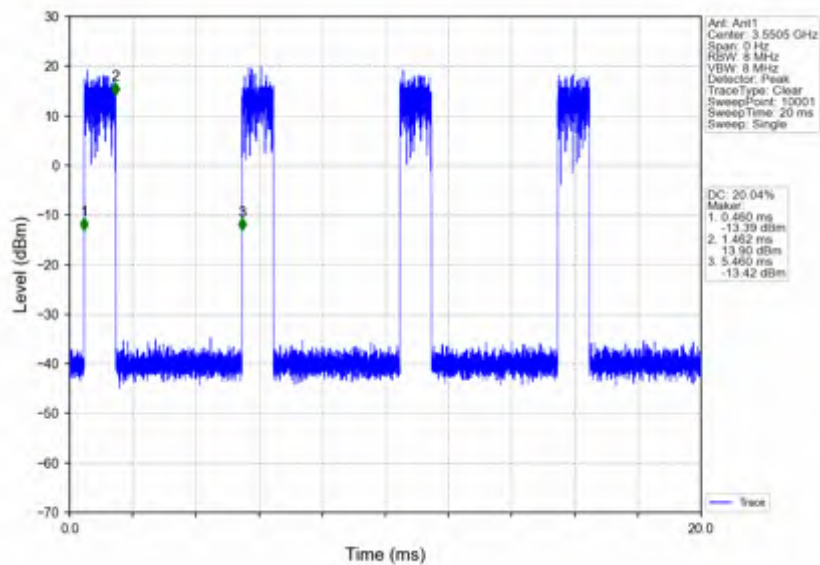
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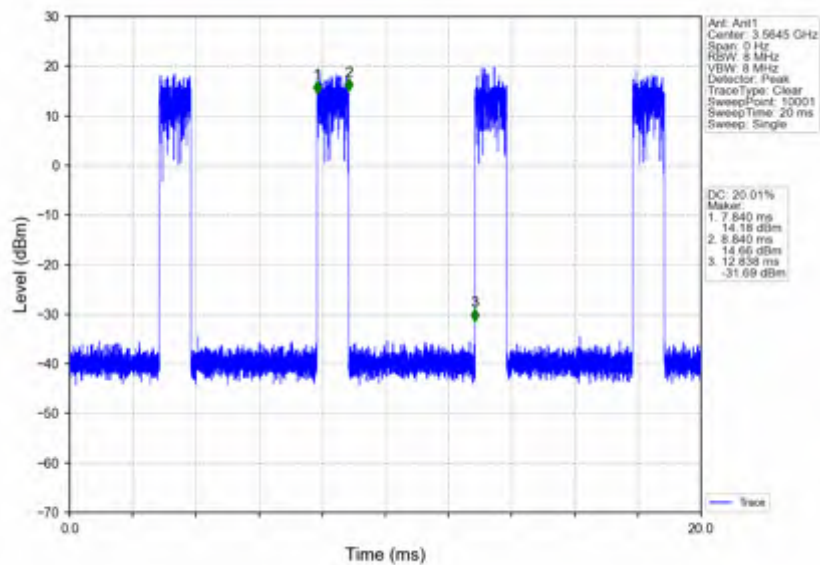
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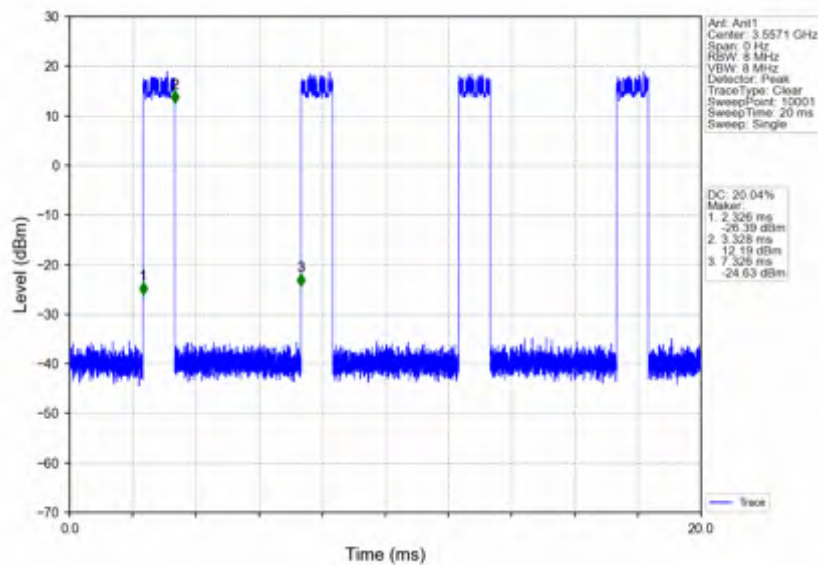
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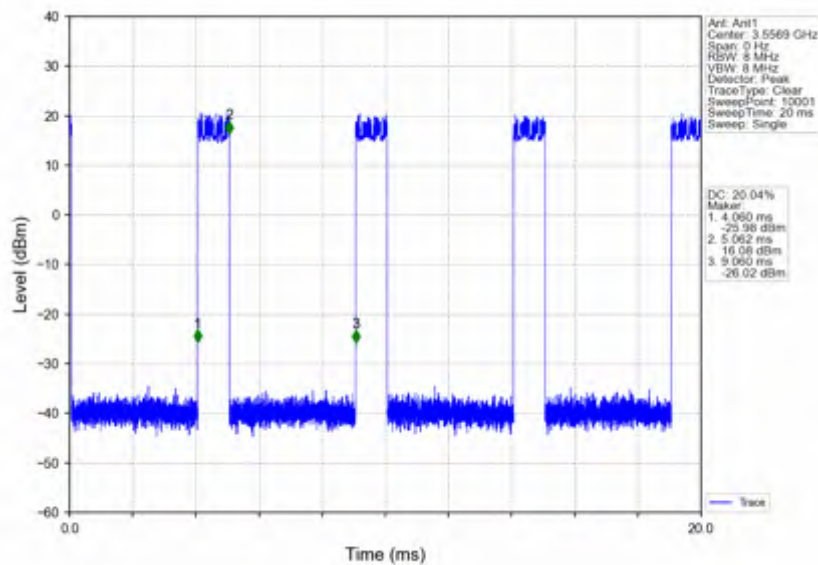
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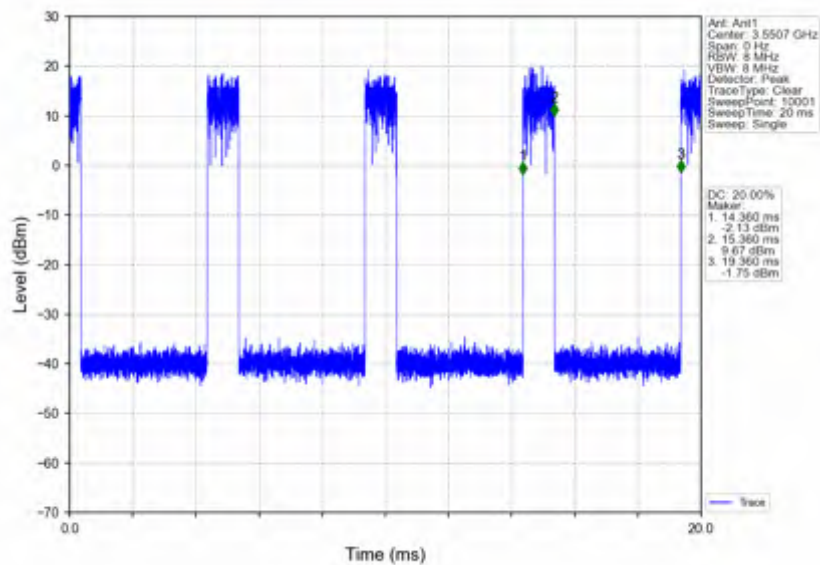
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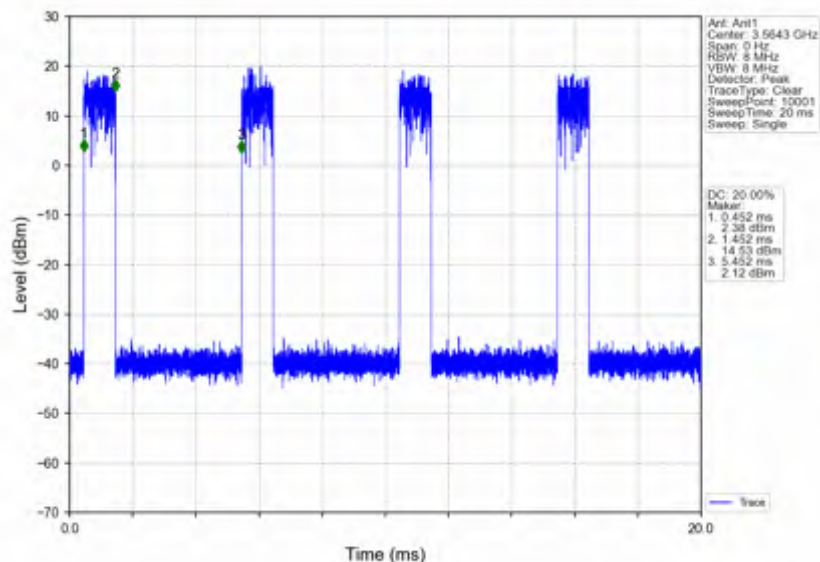
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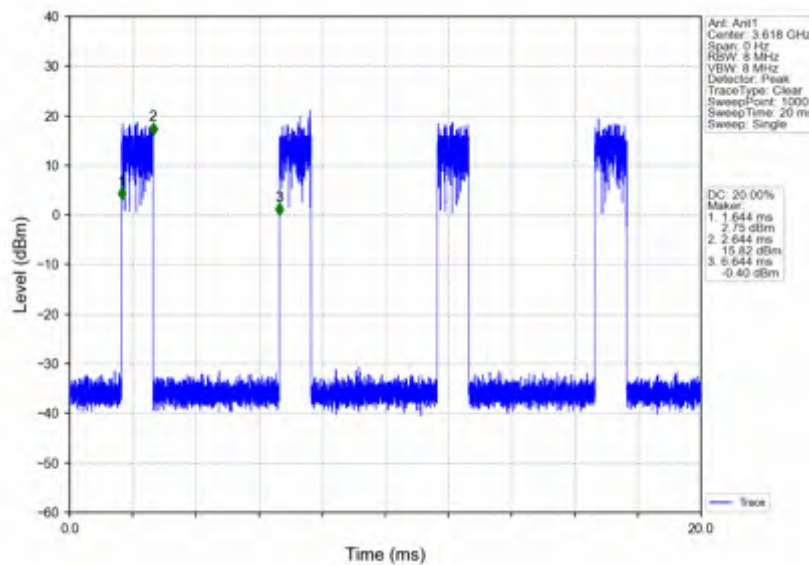


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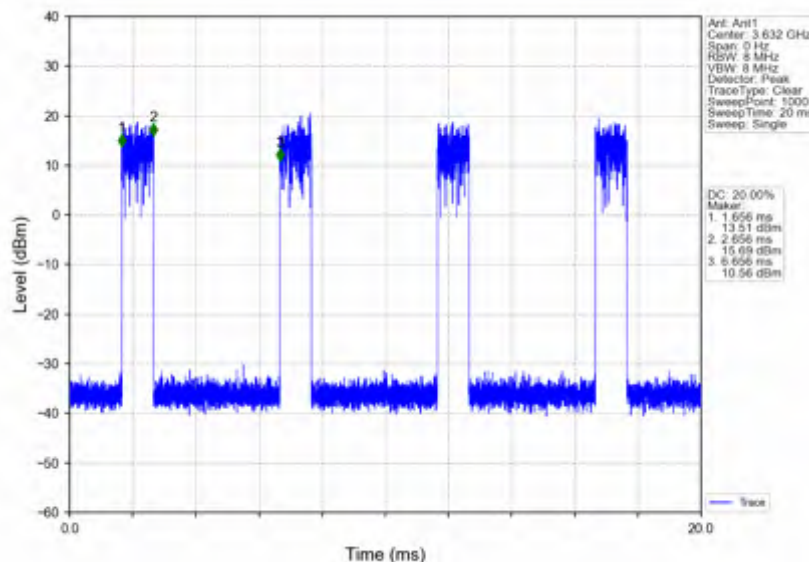
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_3625.005MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_3625.005MHz_Edge_1RB_Right



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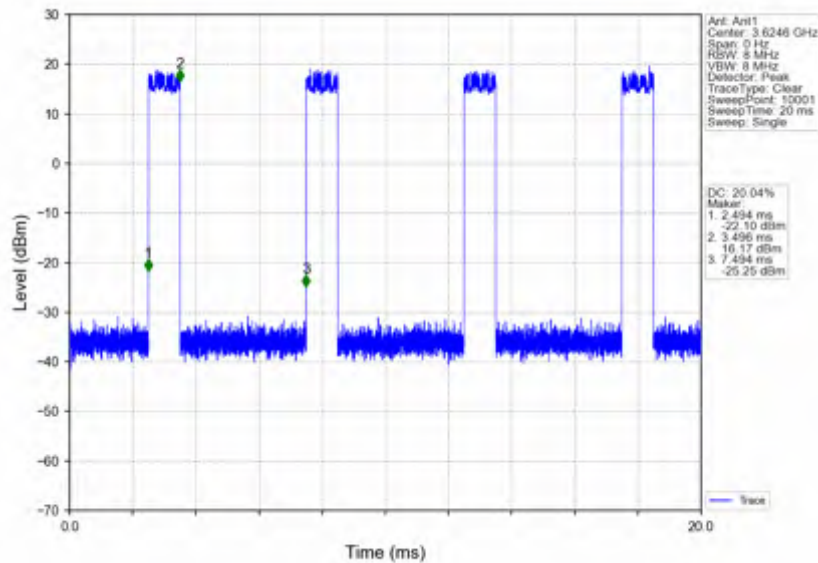
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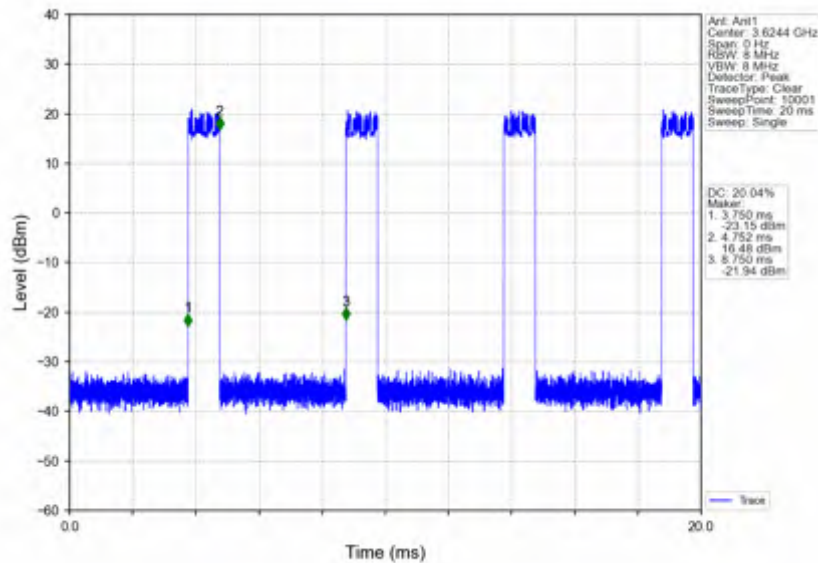
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_3625.005MHz_Inner_Full



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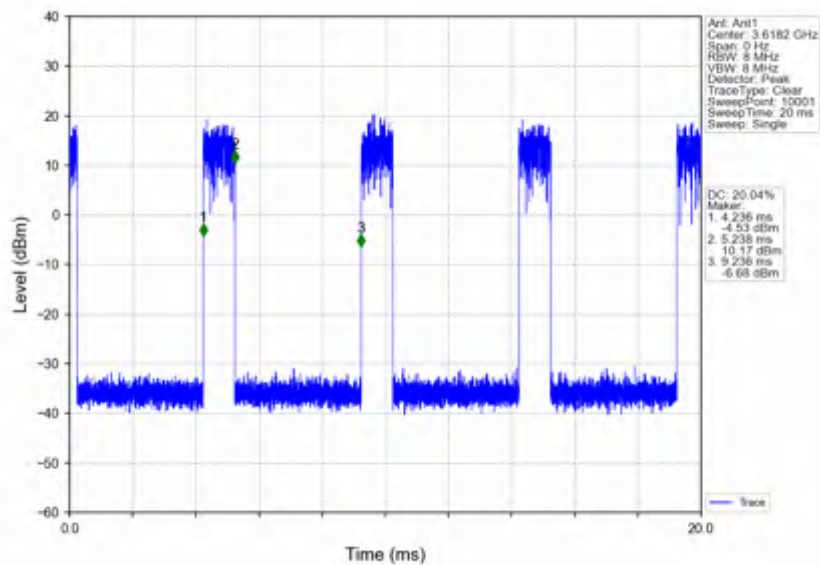
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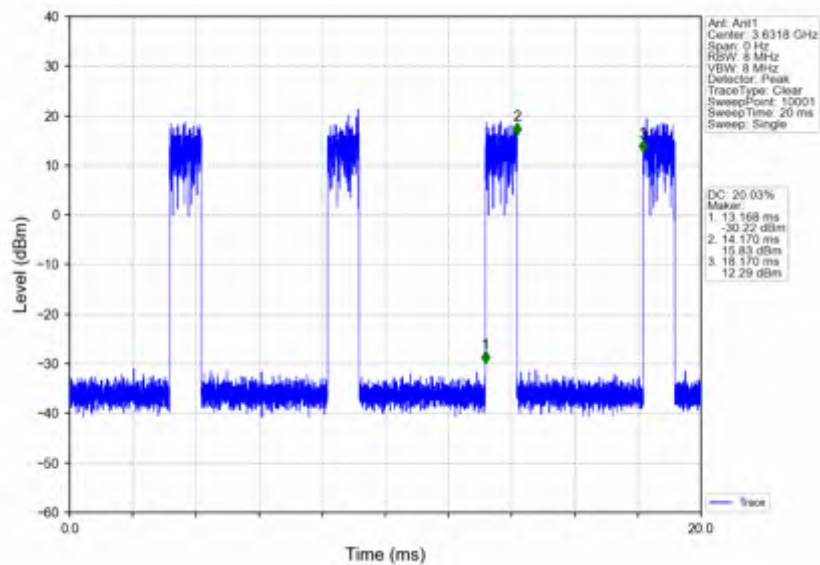
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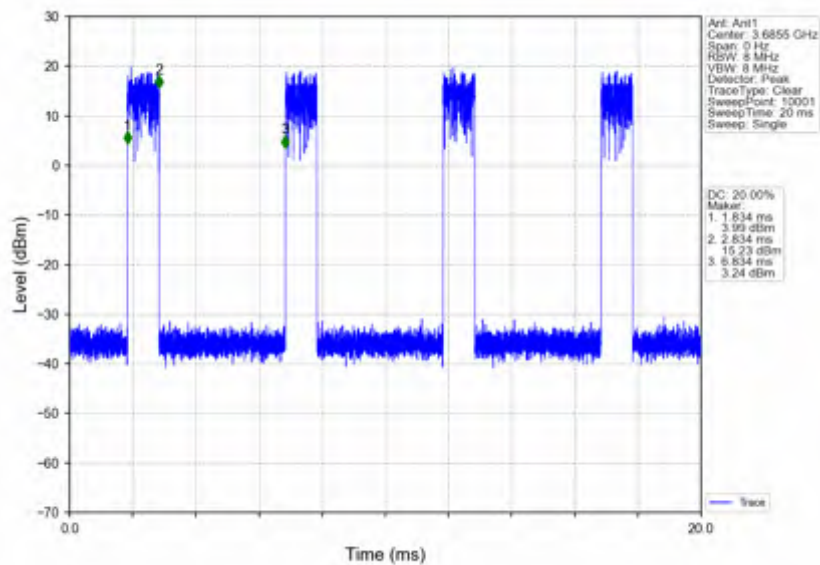


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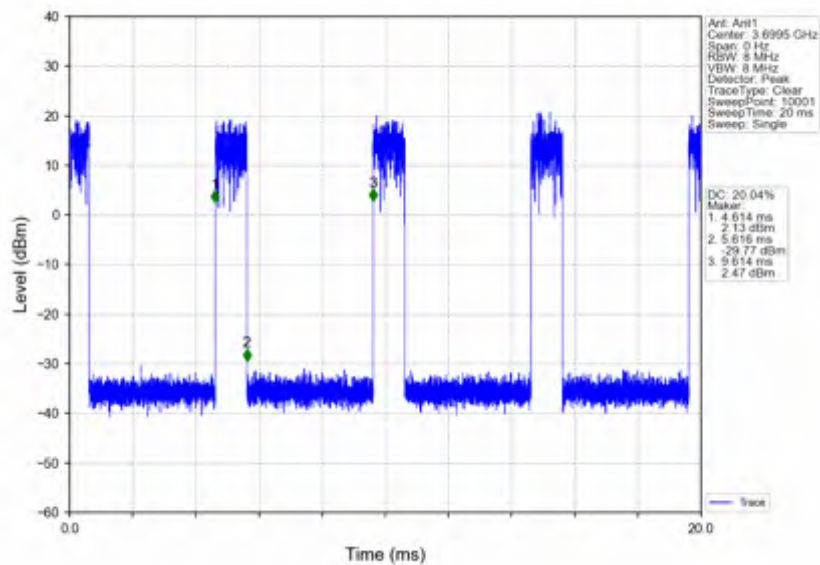
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_3692.49MHz_Edge_1RB_Left



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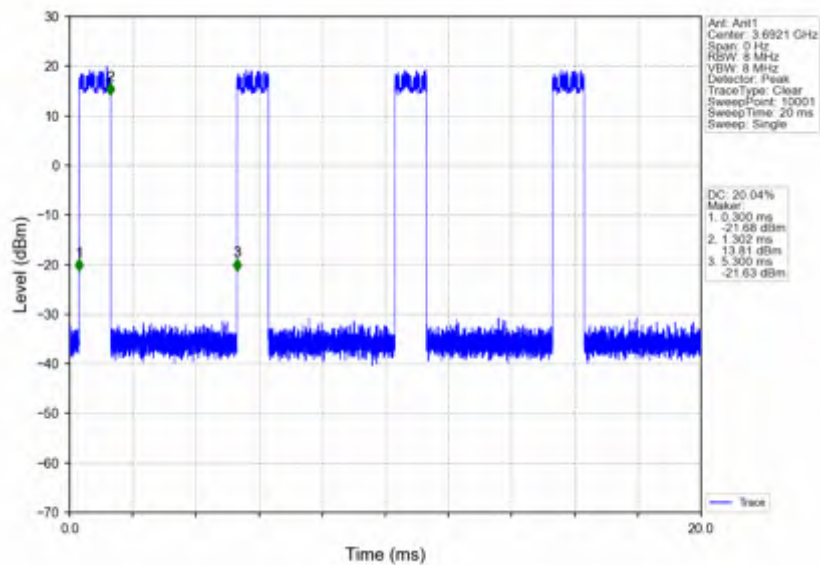
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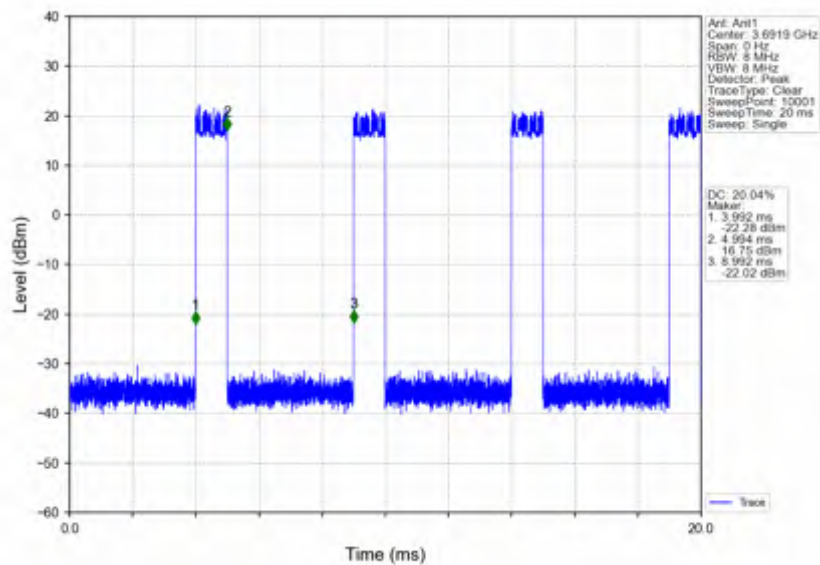
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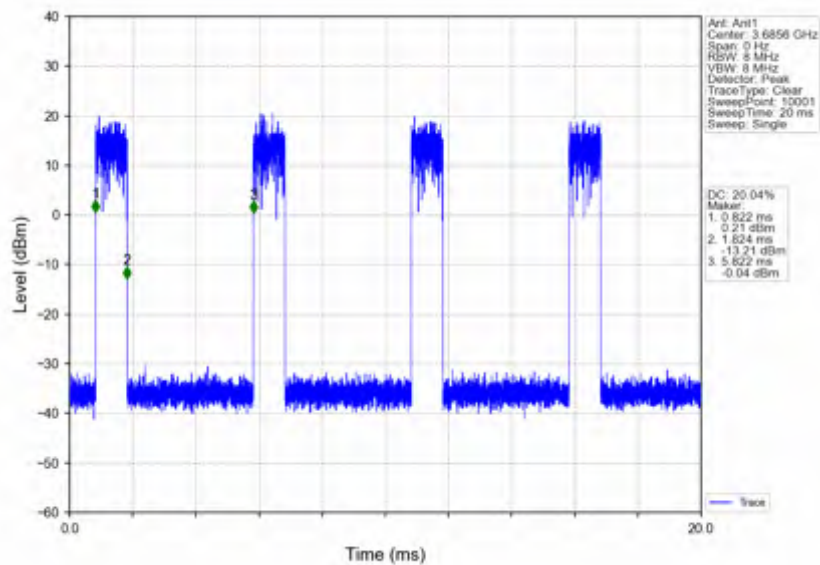
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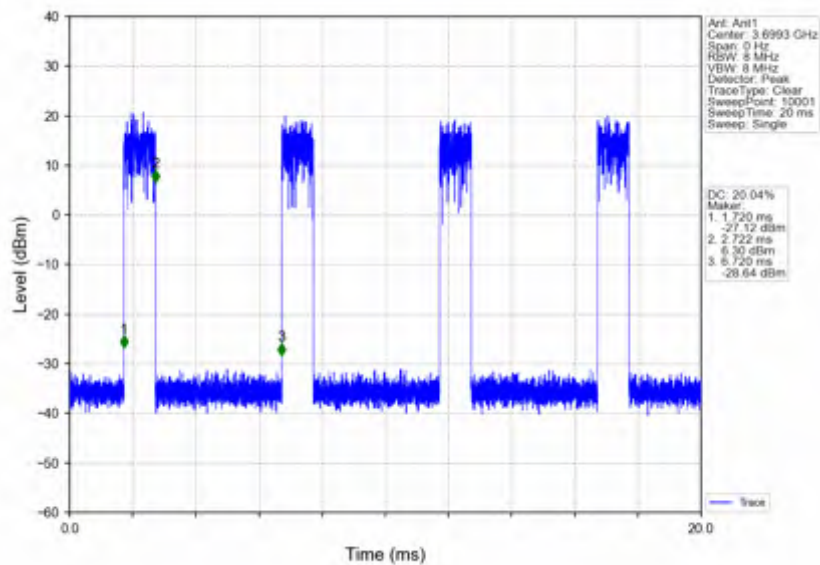
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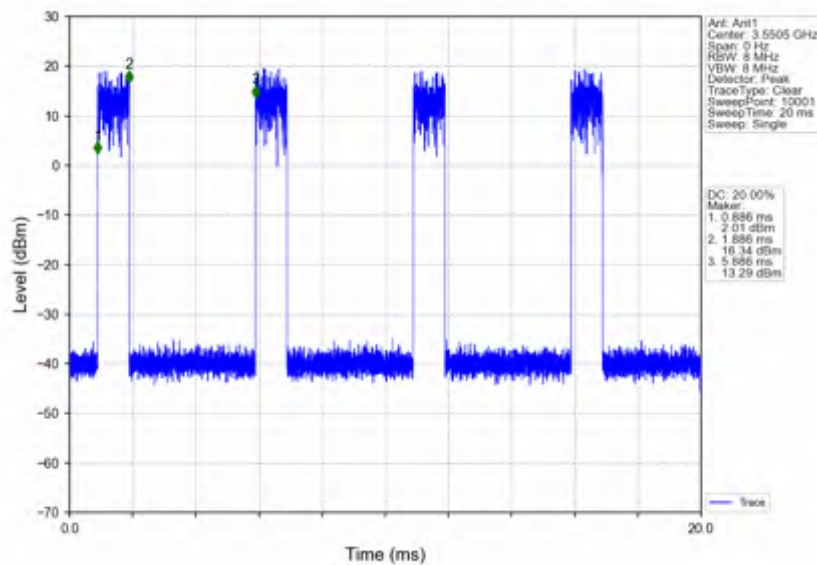
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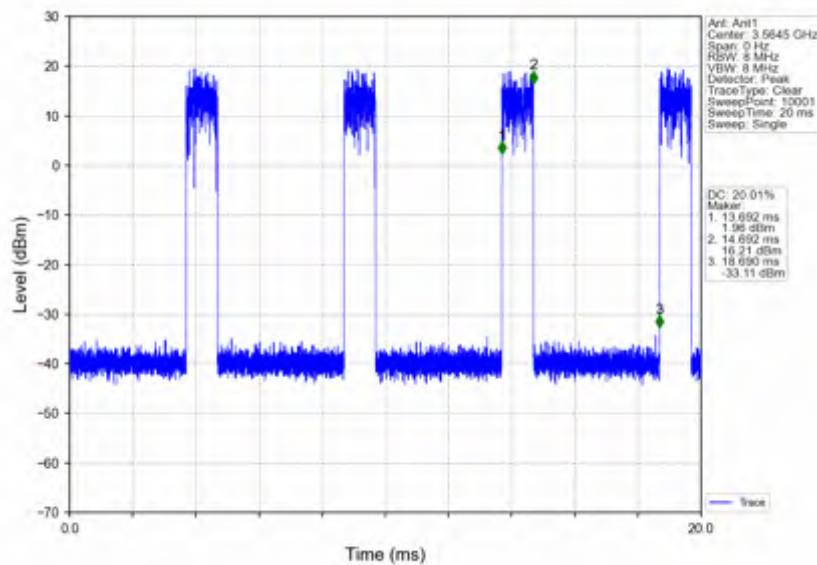
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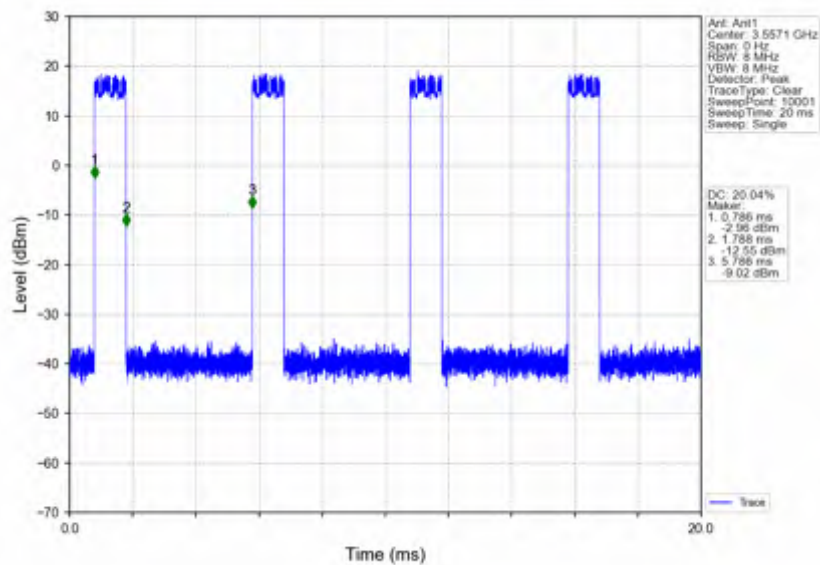
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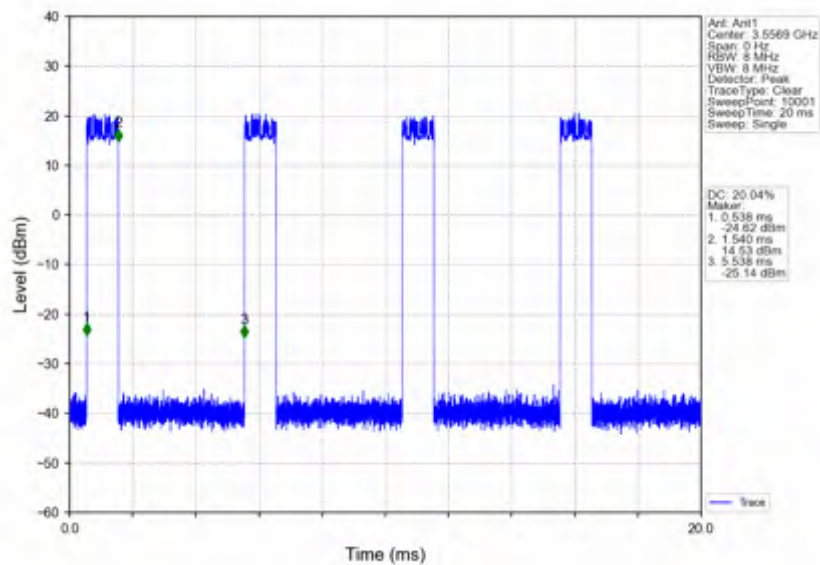
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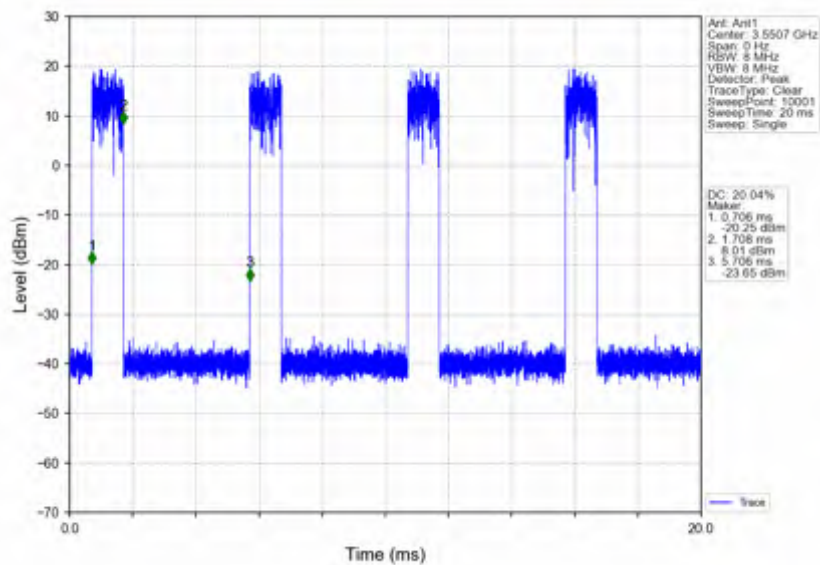
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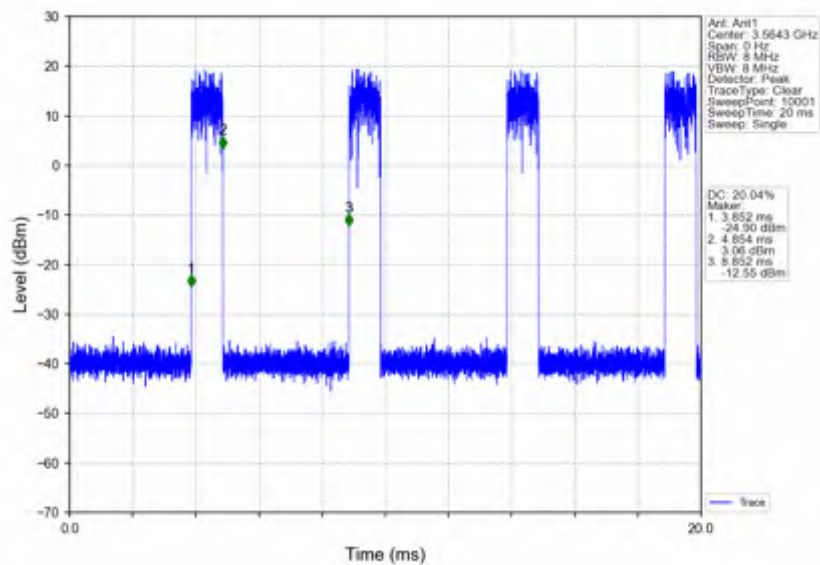
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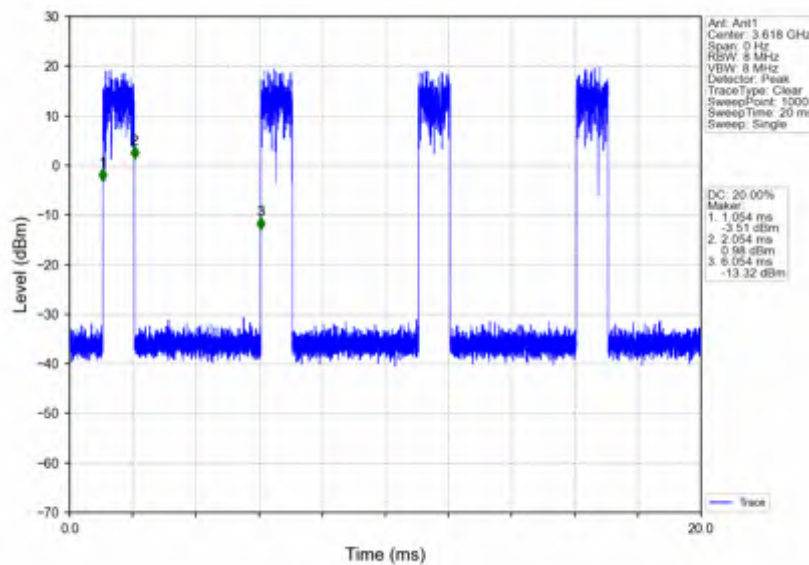
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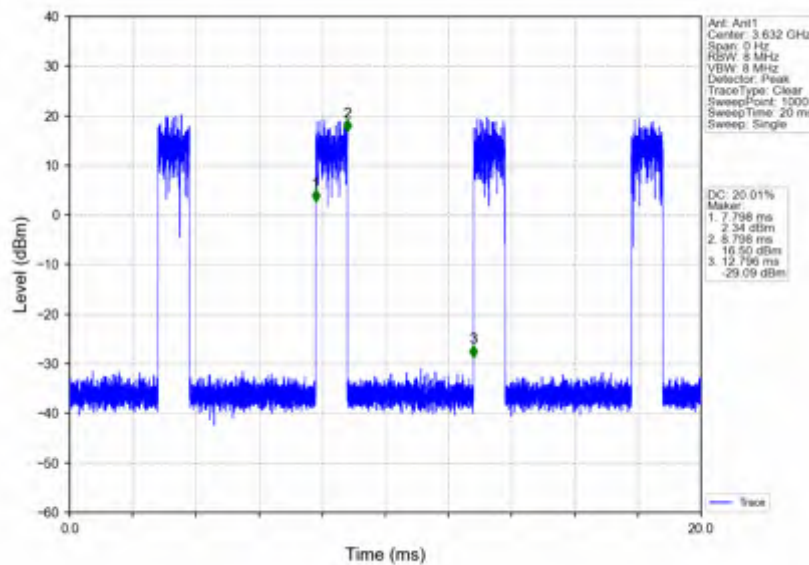
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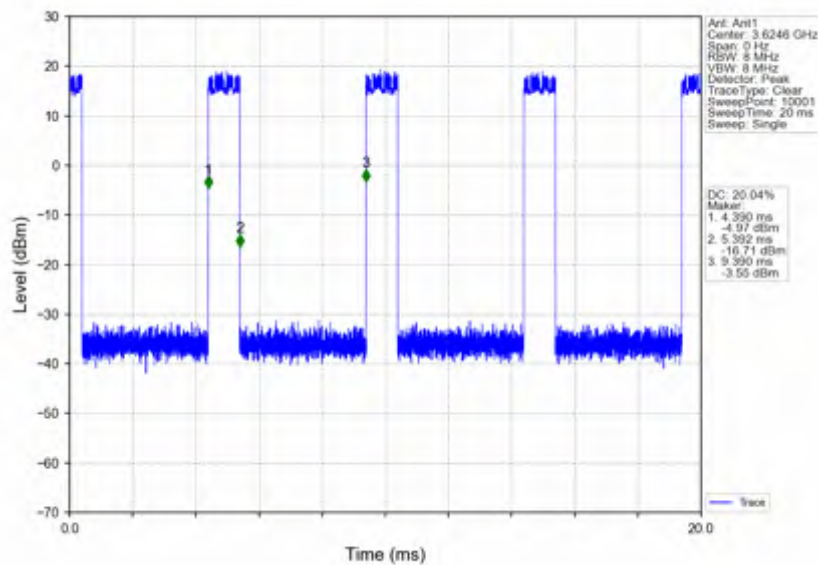


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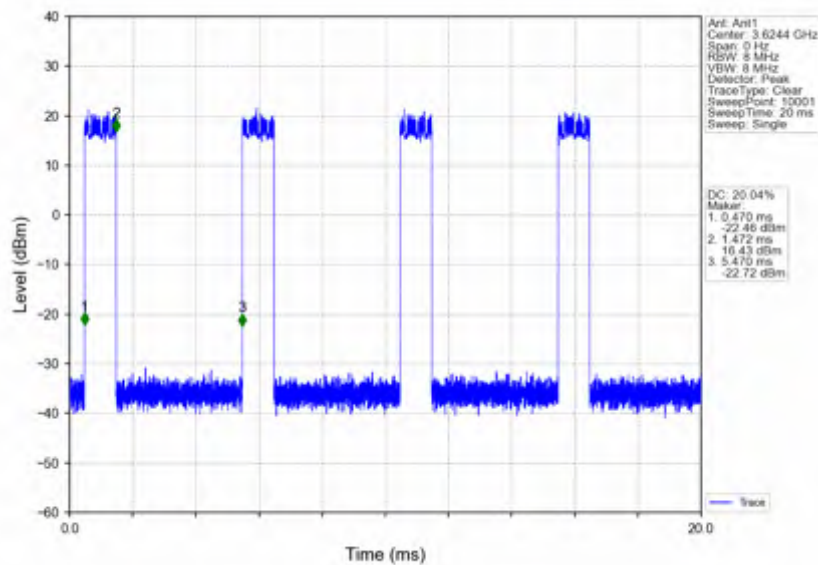
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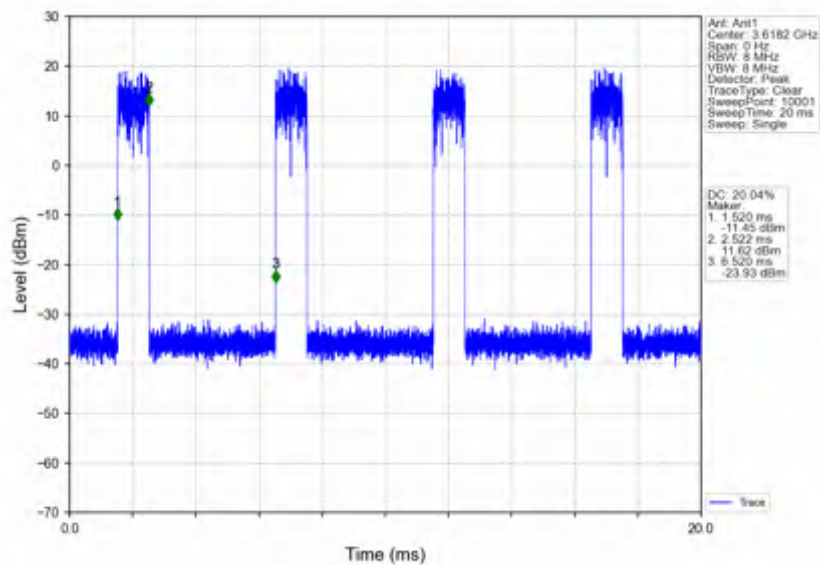
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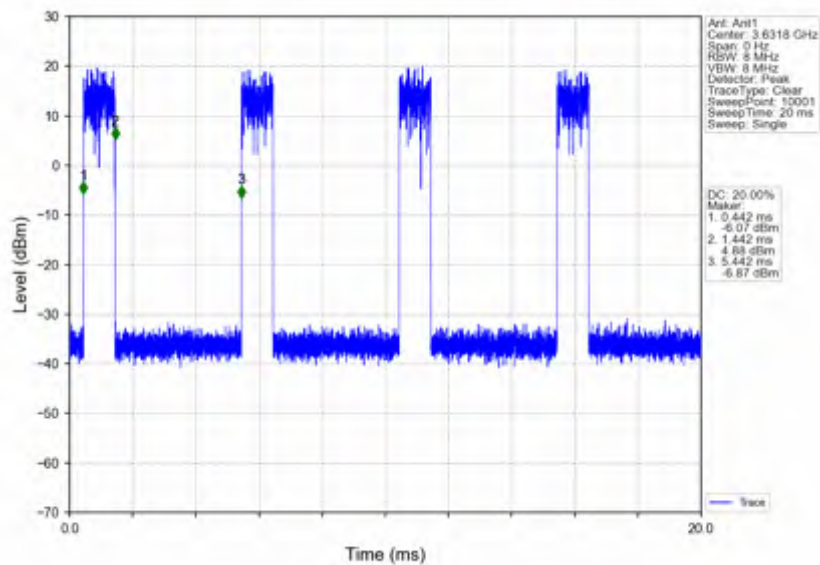
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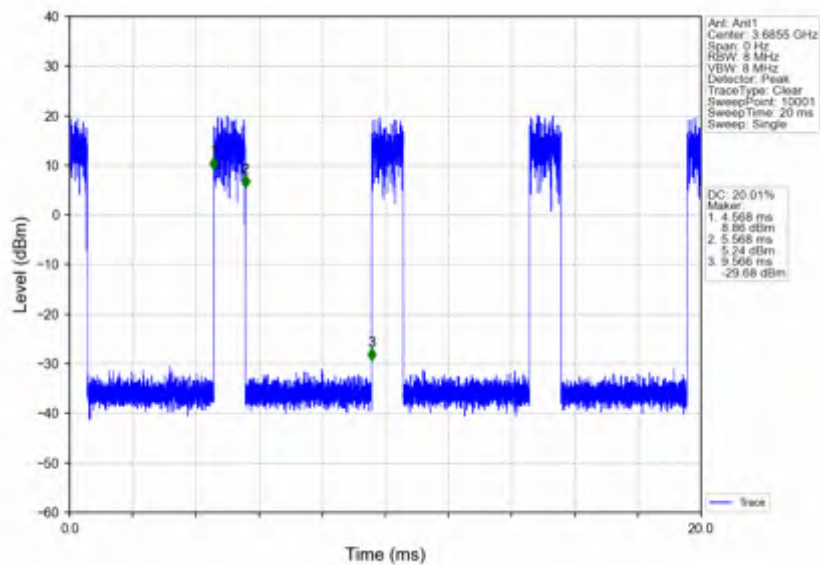
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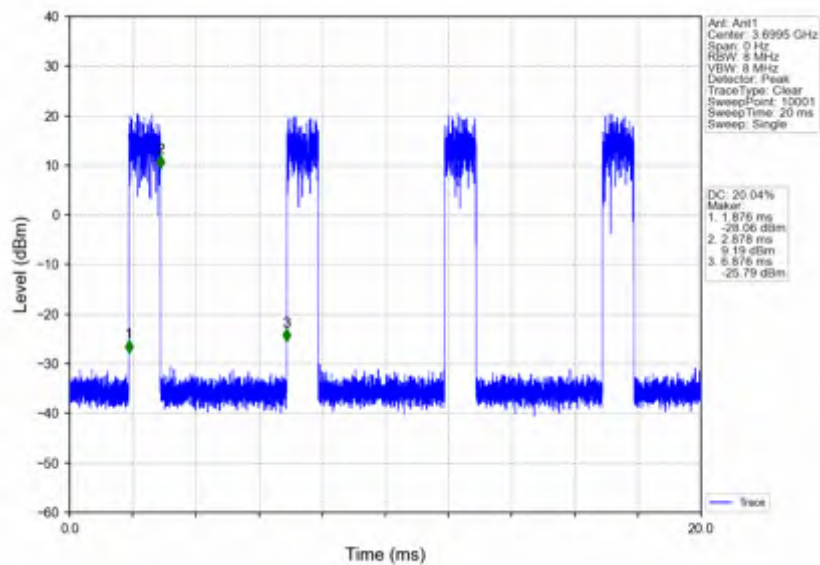
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_3692.49MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_3692.49MHz_Edge_1RB_Right



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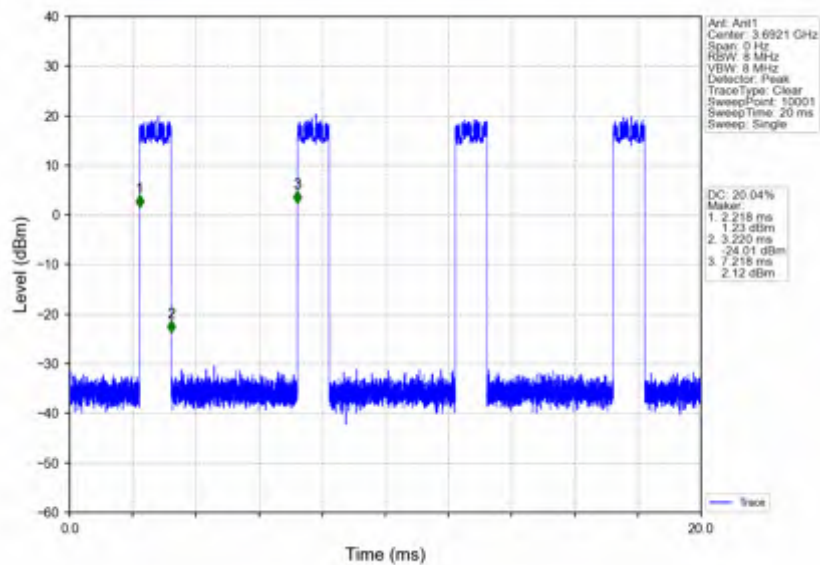
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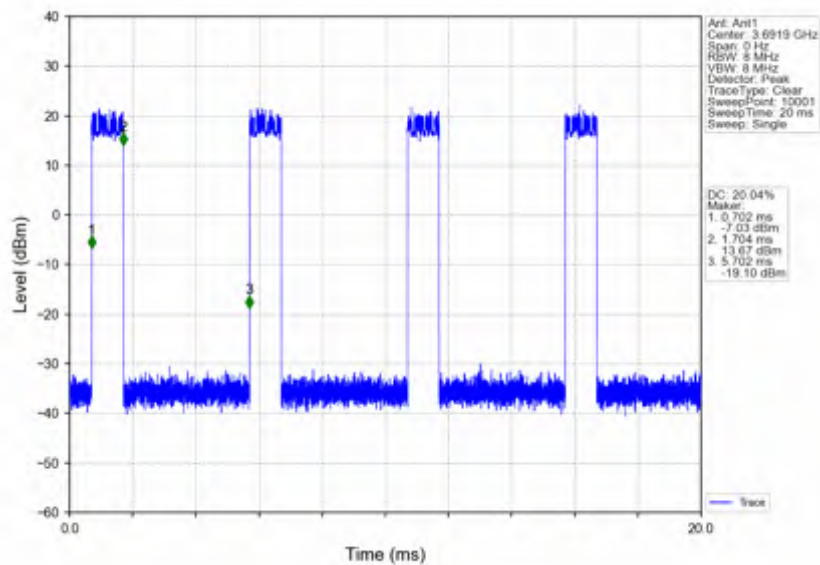
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n78d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_3692.49MHz_Inner_Full



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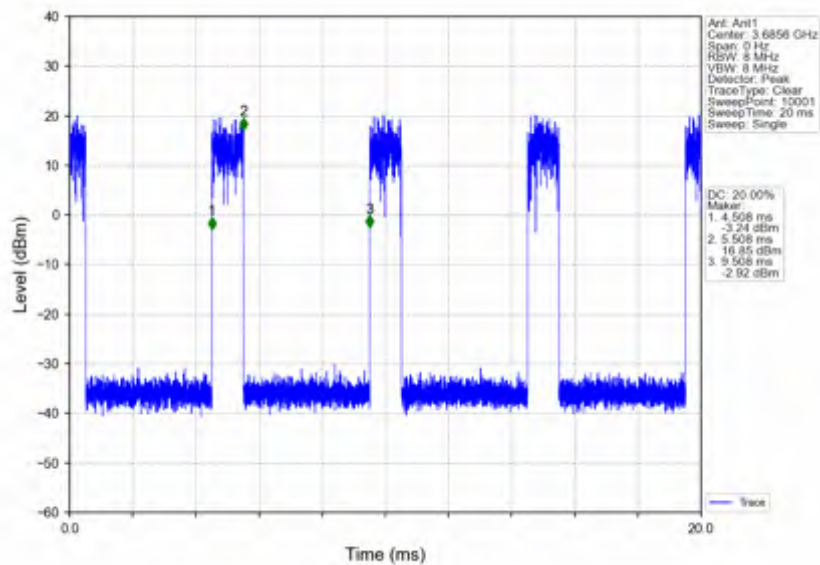
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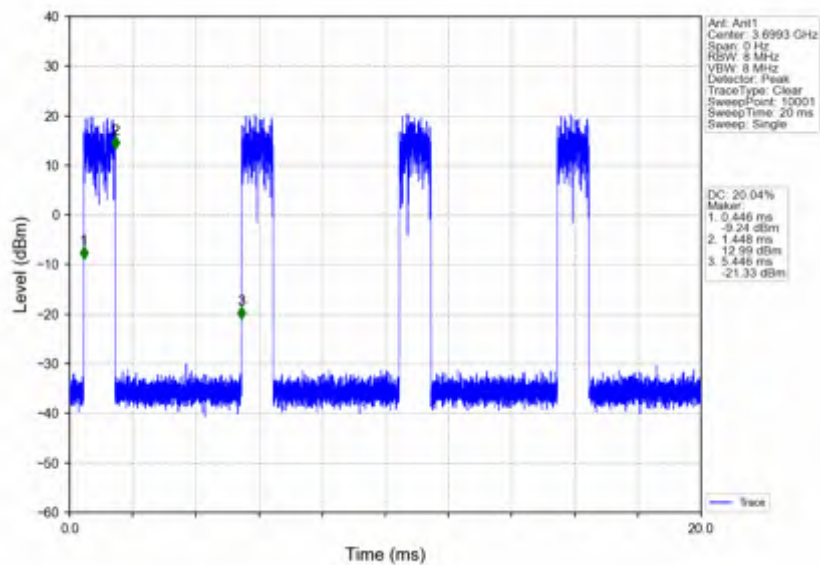
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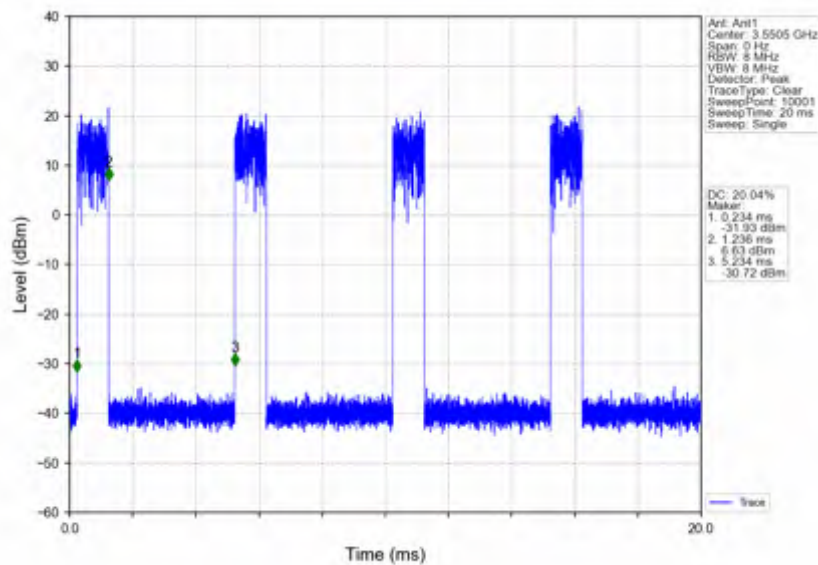
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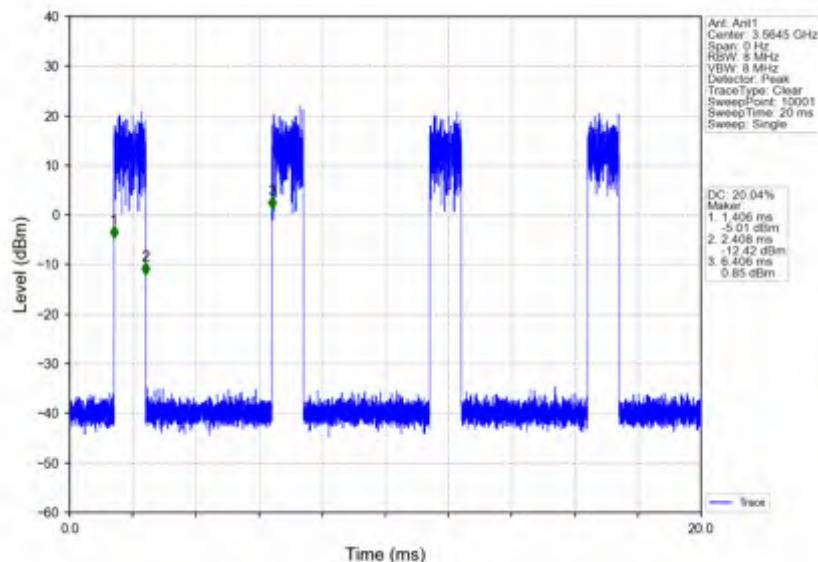
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_3557.505MHz_Edge_1RB_Left



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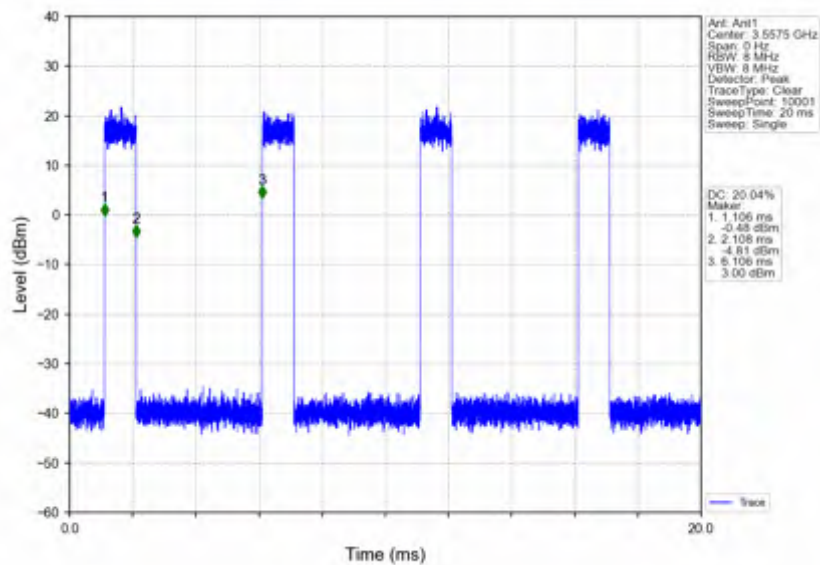
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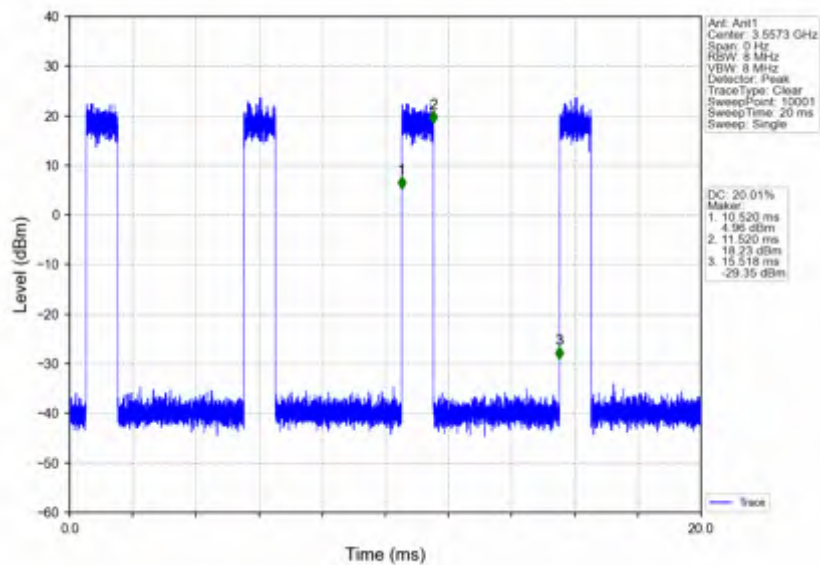
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3557.505MHz_Outer_Full



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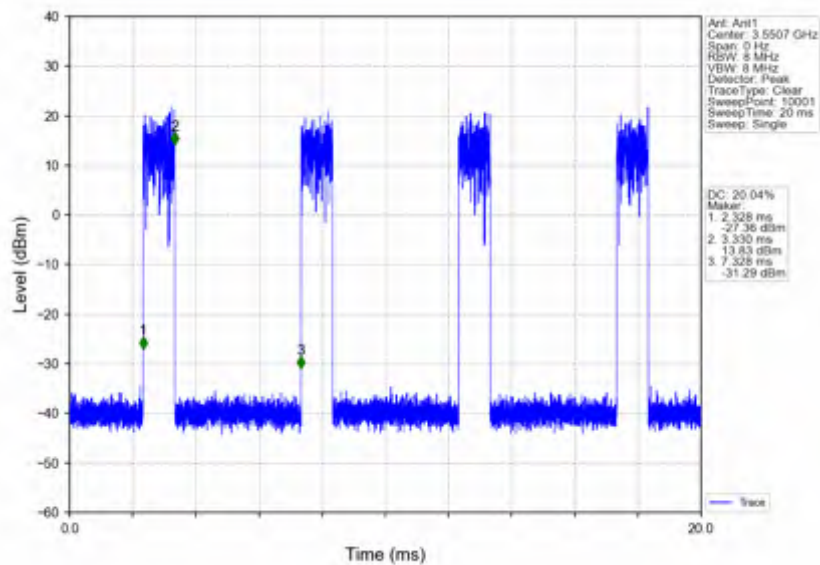
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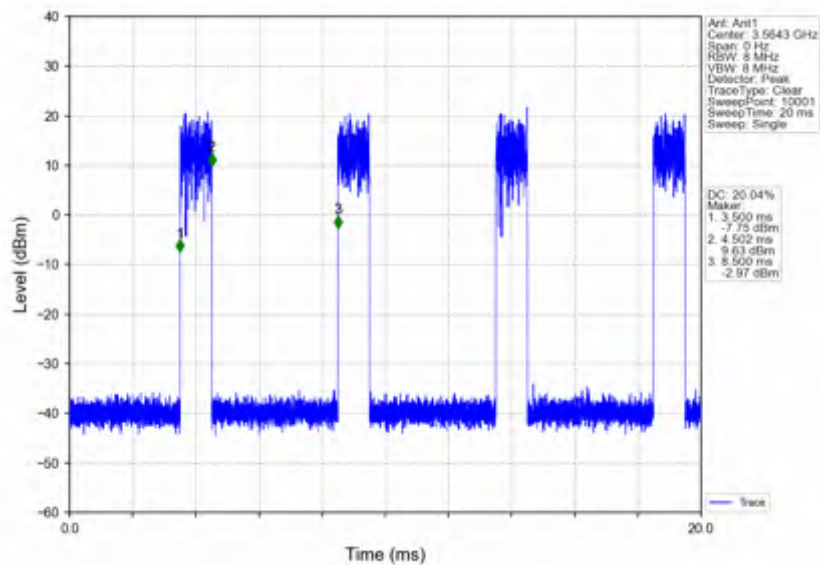
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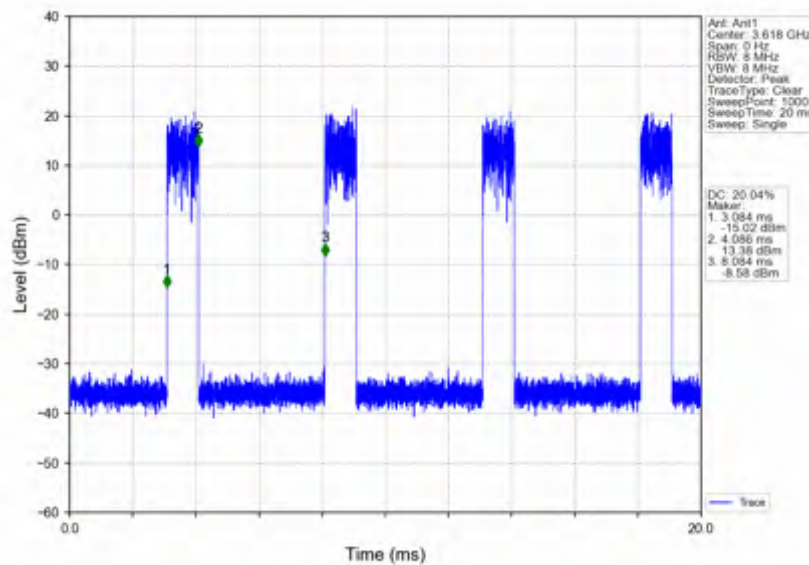


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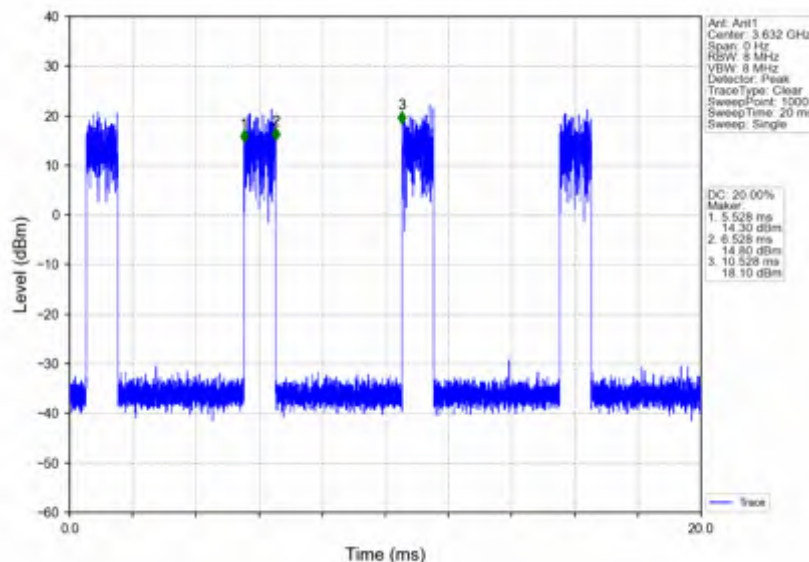
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_3625.005MHz_Edge_1RB_Left



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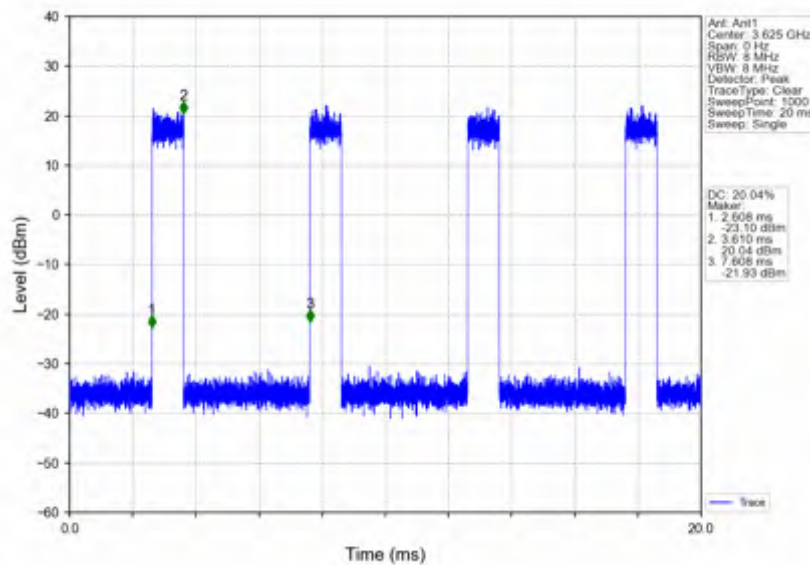
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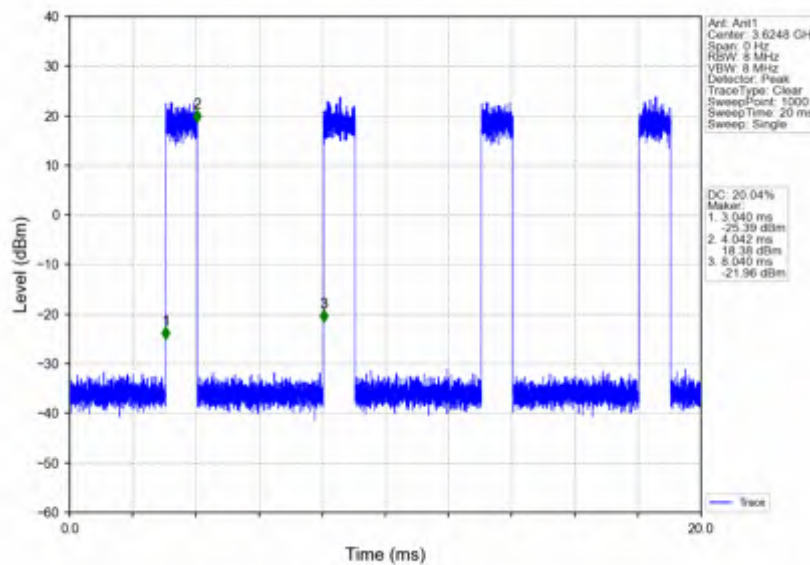
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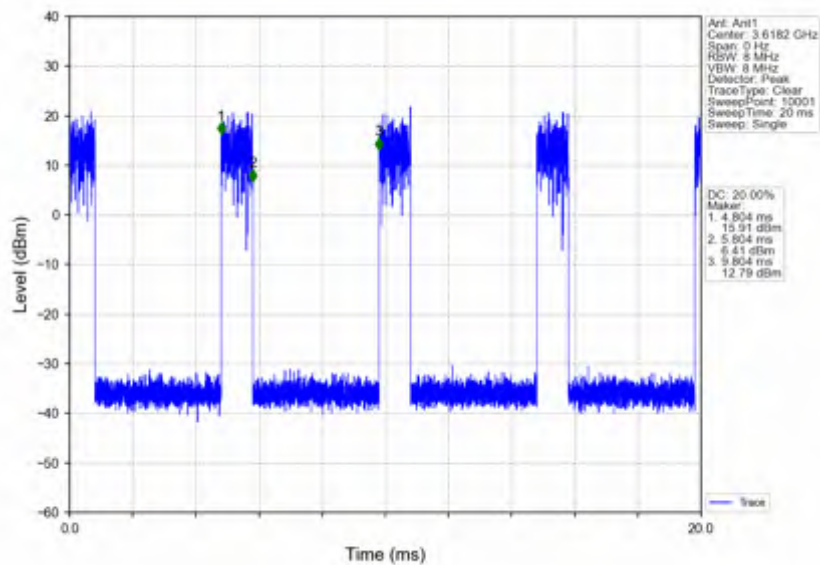


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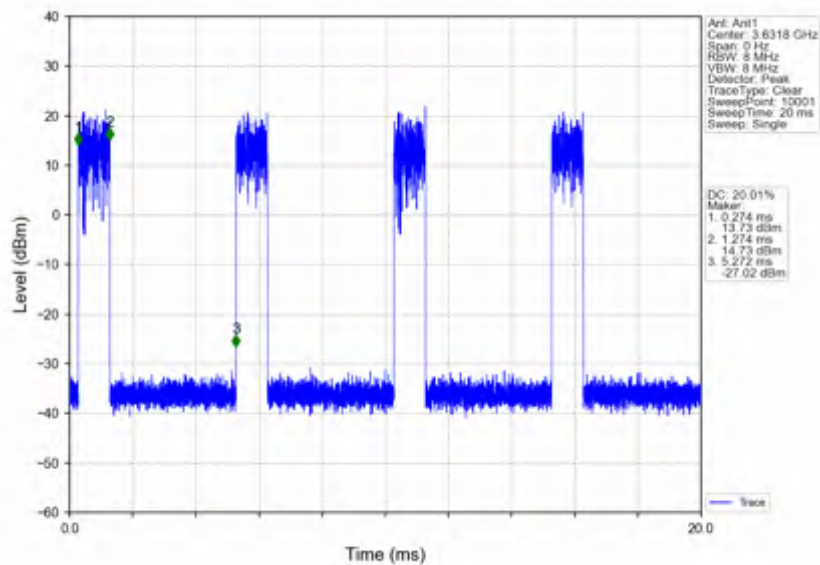
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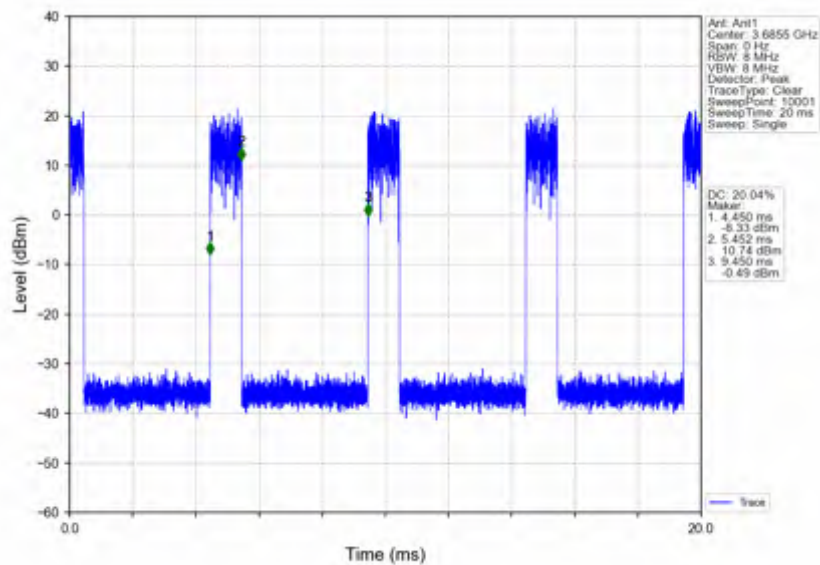
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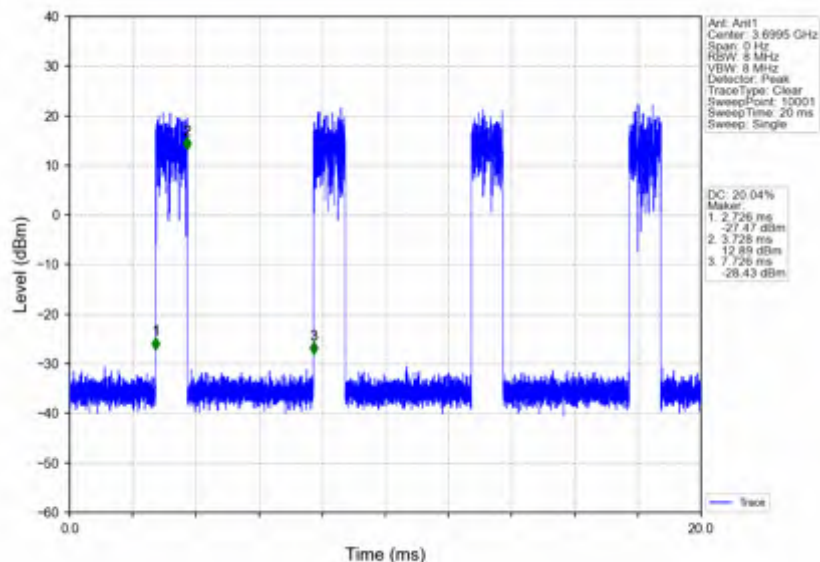
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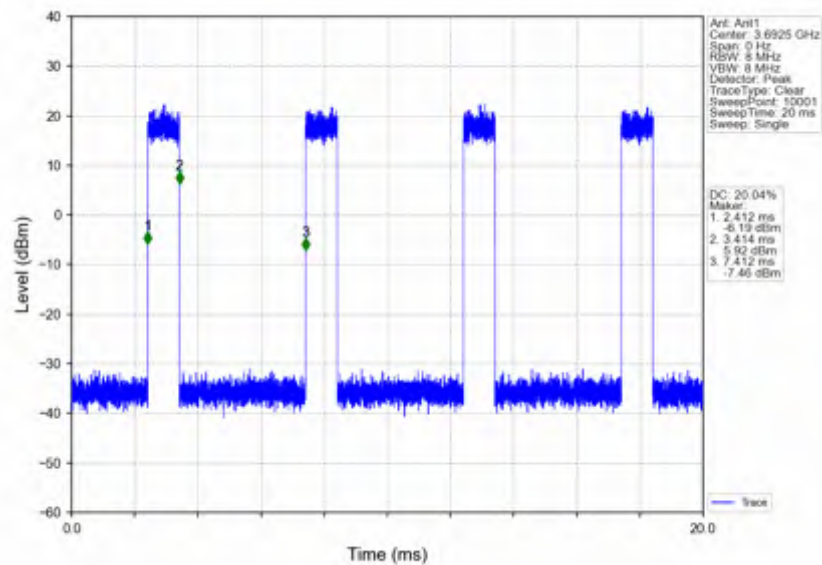
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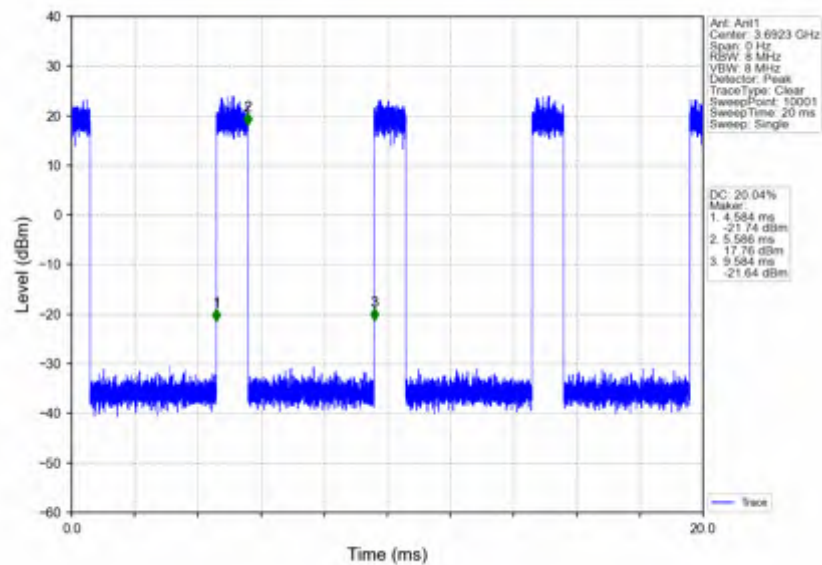
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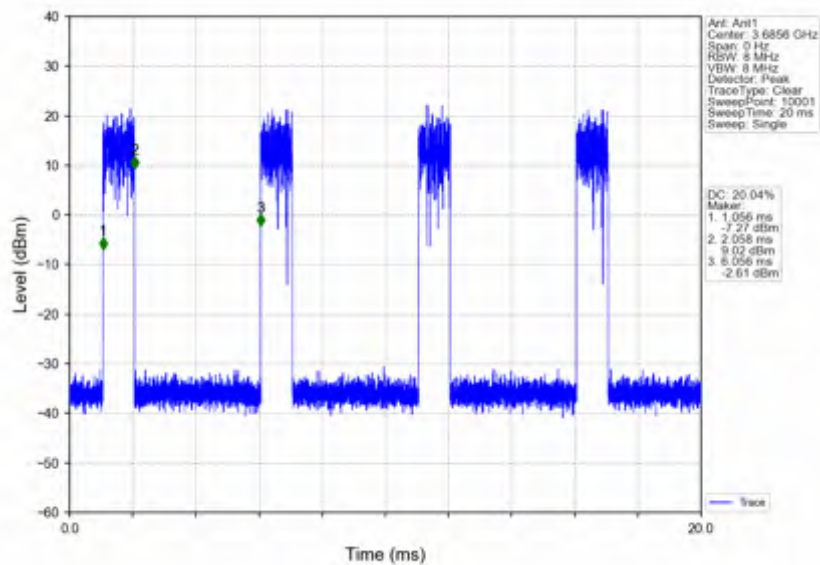


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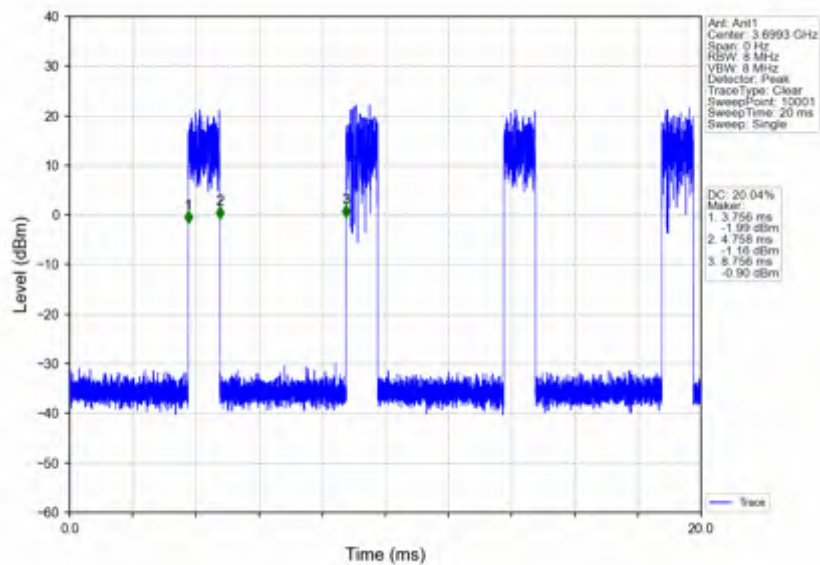
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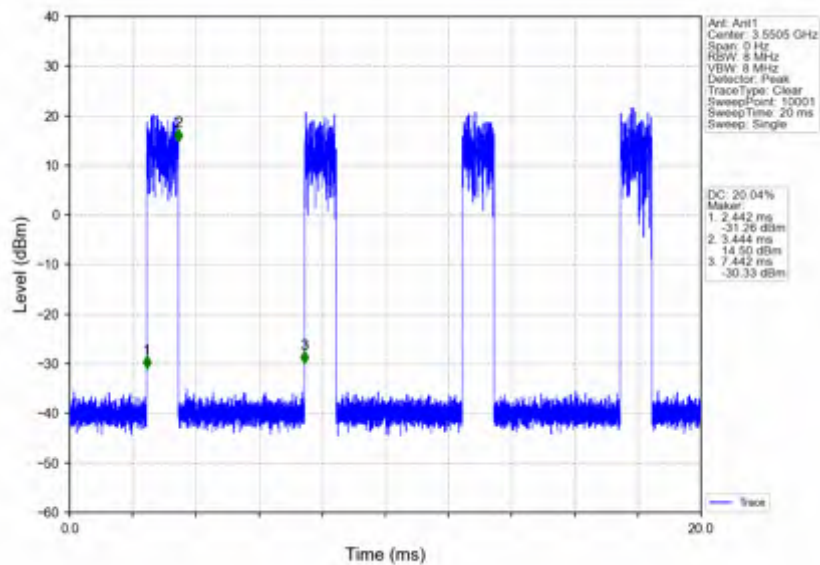
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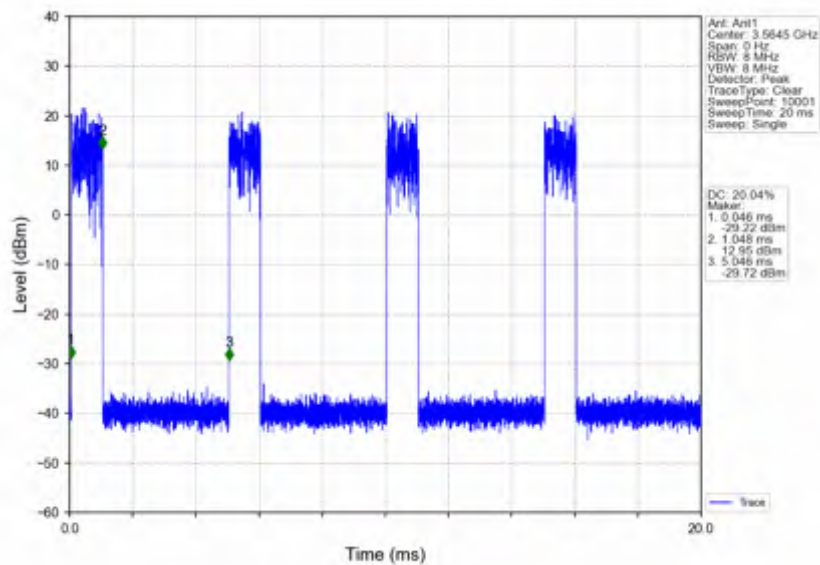
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3557.505MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3557.505MHz_Edge_1RB_Right

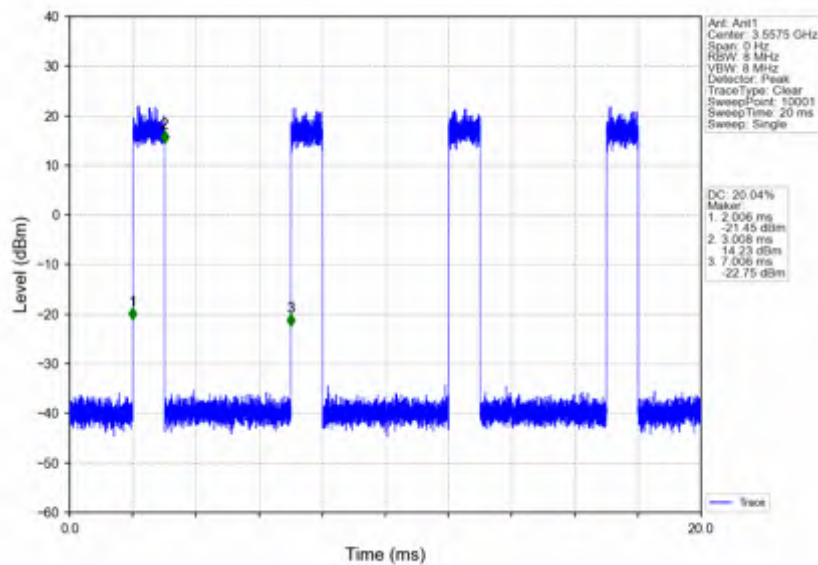


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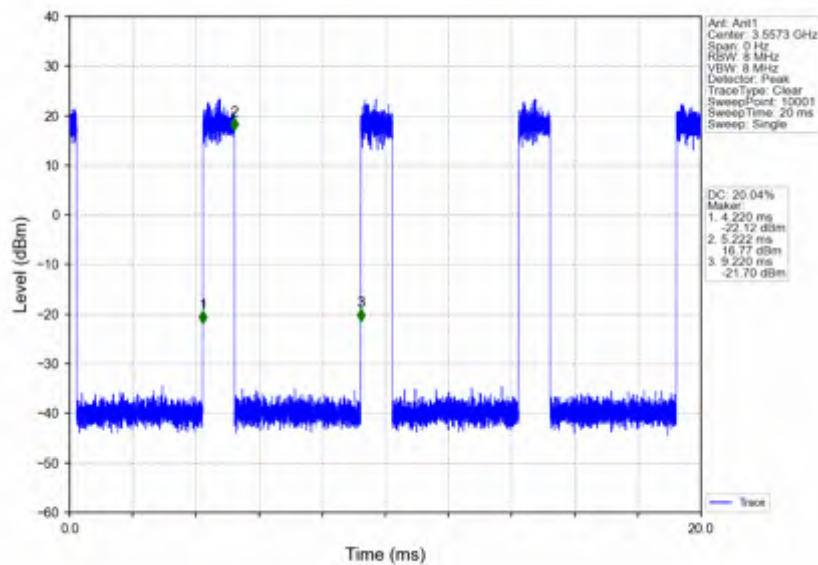
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3557.505MHz_Outer_Full



n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3557.505MHz_Inner_Full



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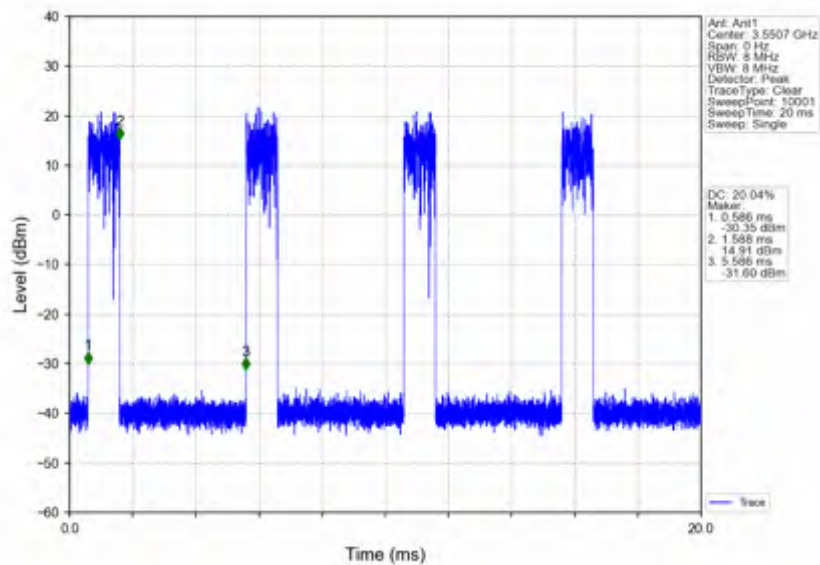
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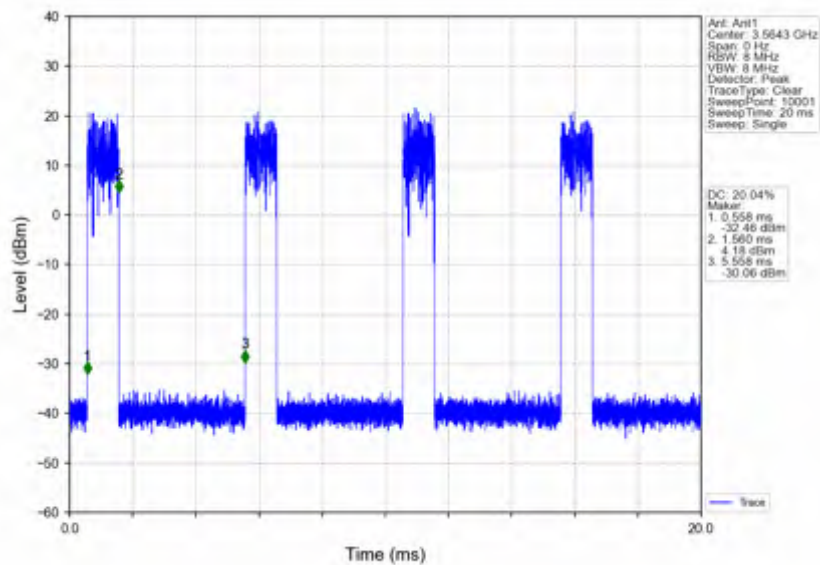
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3557.505MHz_Inner_1RB_Left



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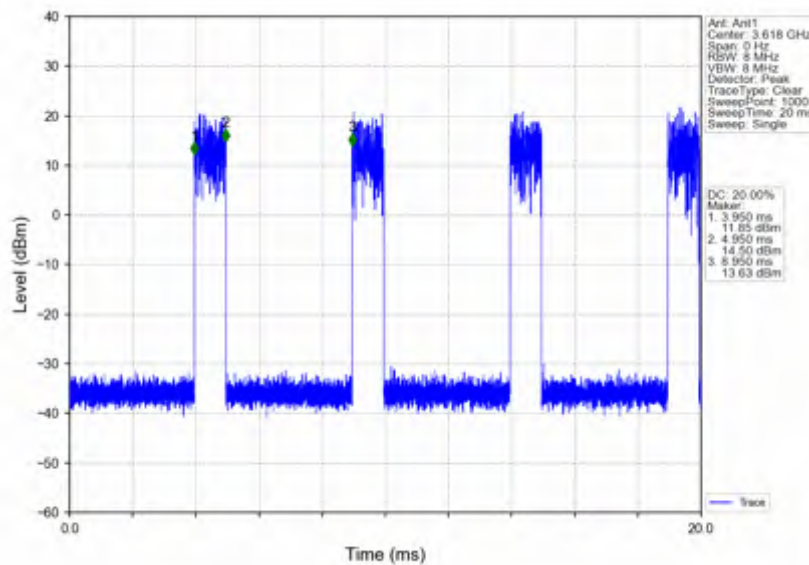


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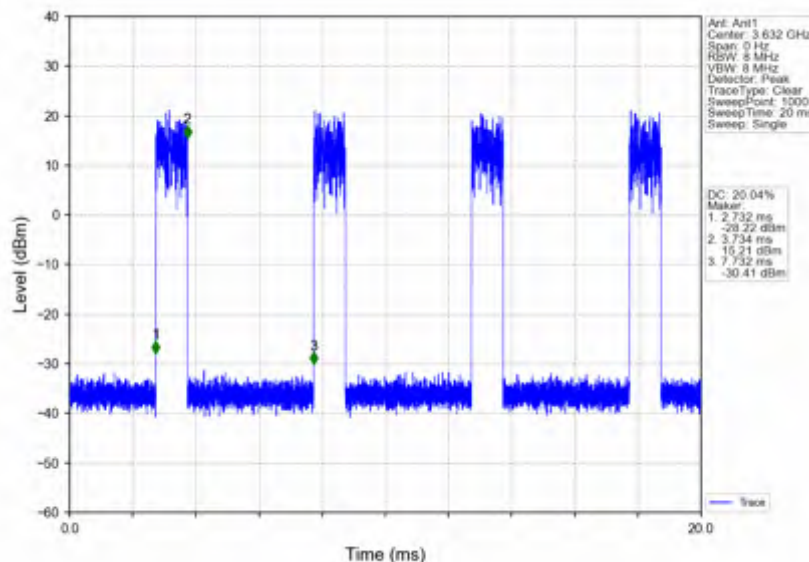
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3625.005MHz_Edge_1RB_Left



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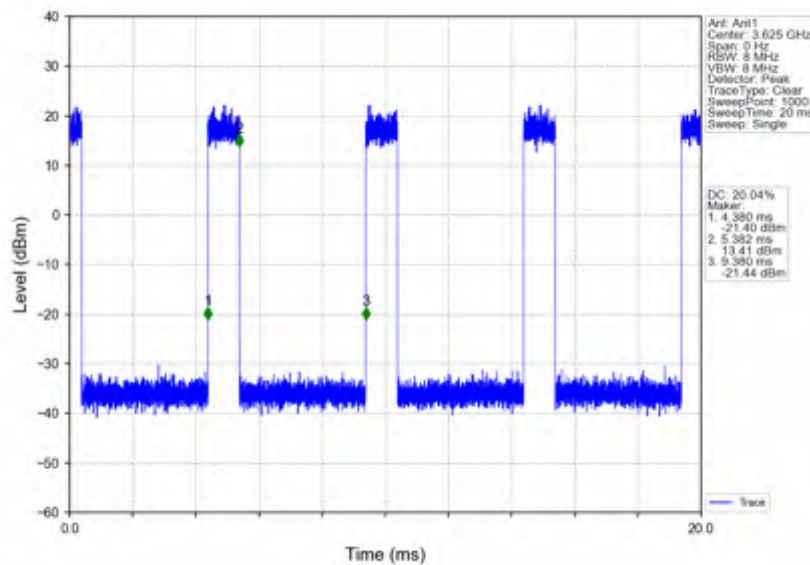
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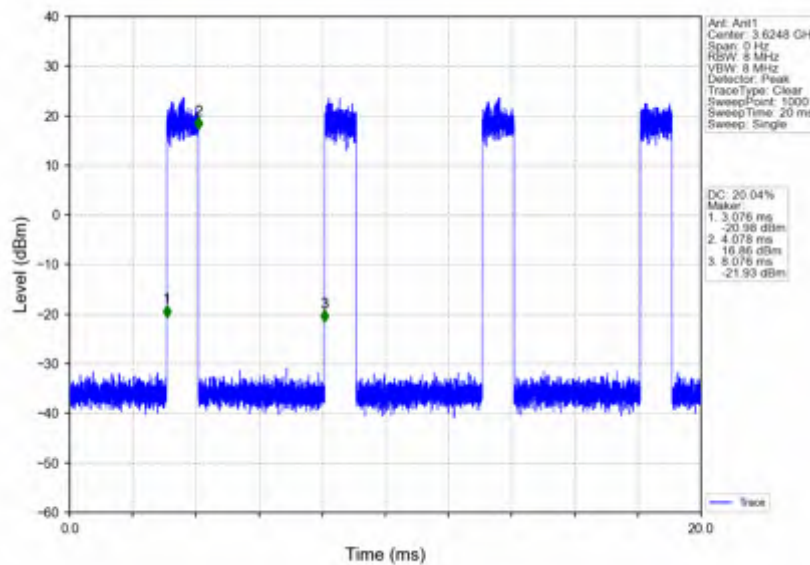
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3625.005MHz_Outer_Full



n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3625.005MHz_Inner_Full



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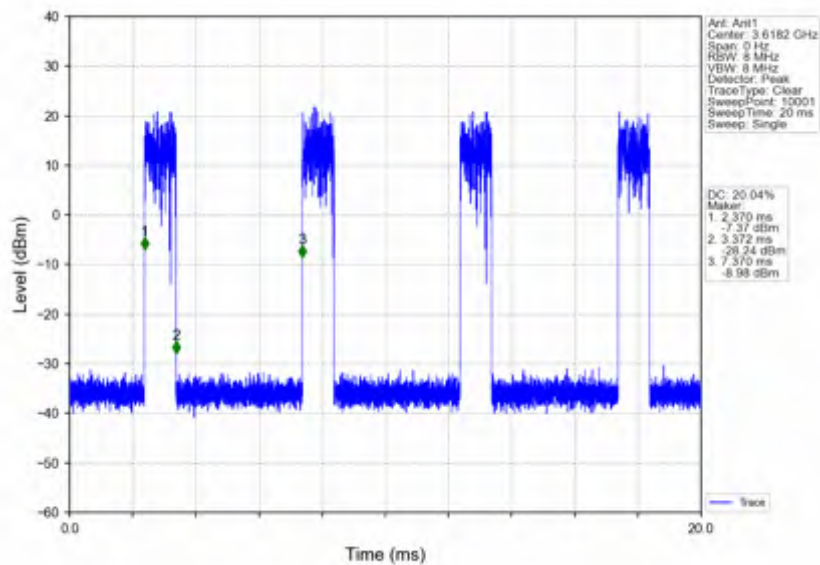
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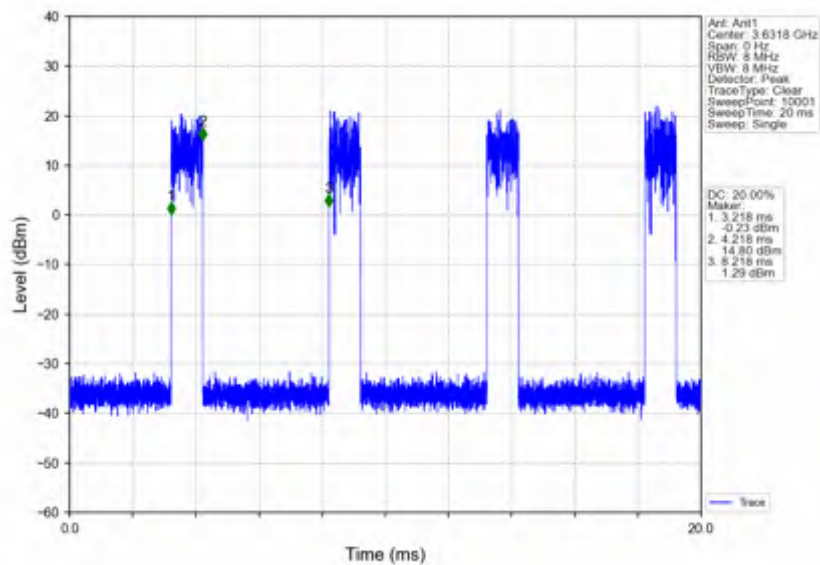
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3625.005MHz_Inner_1RB_Right



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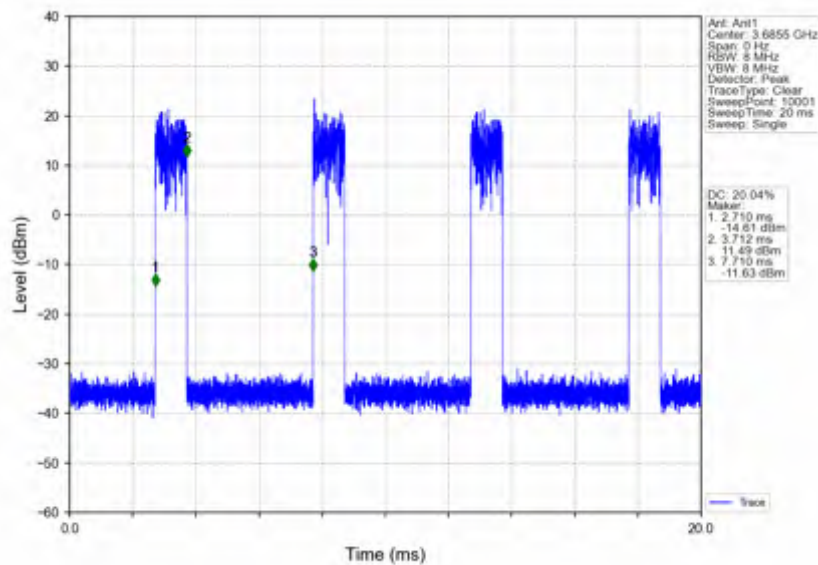
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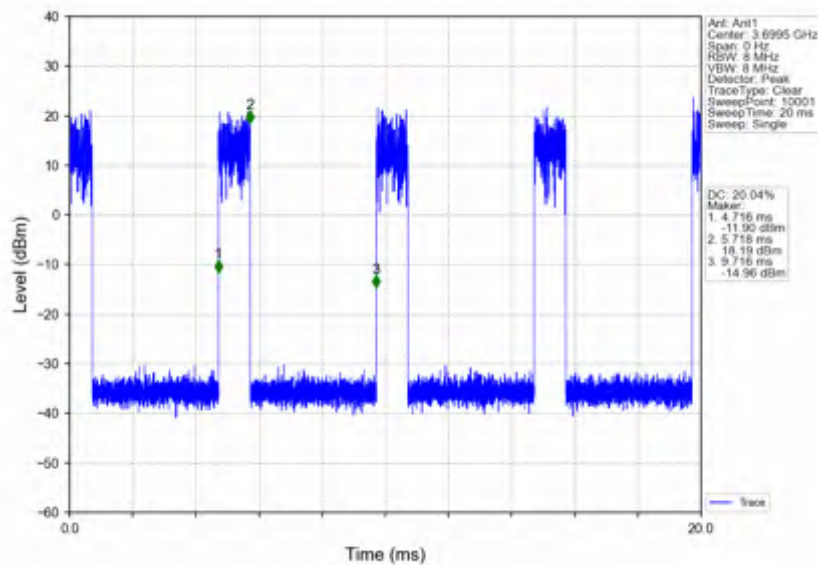
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_3692.49MHz_Edge_1RB_Left



n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_3692.49MHz_Edge_1RB_Right



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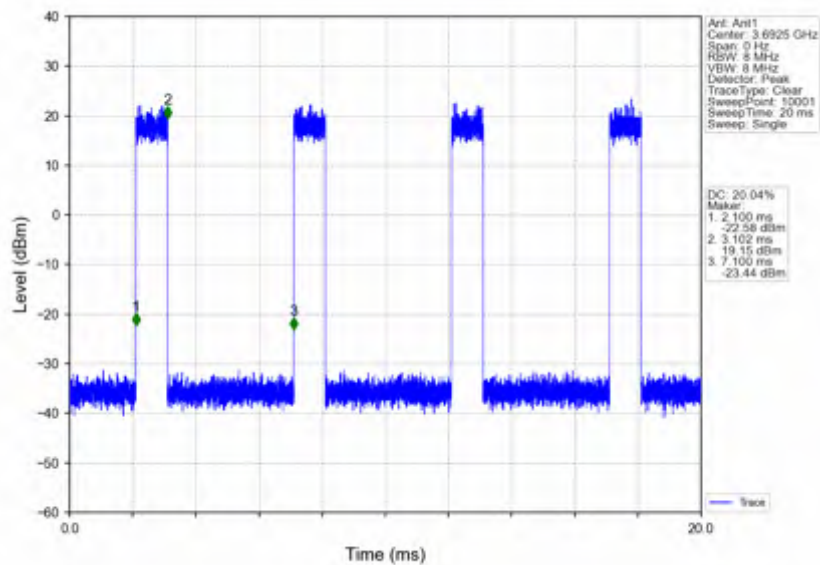
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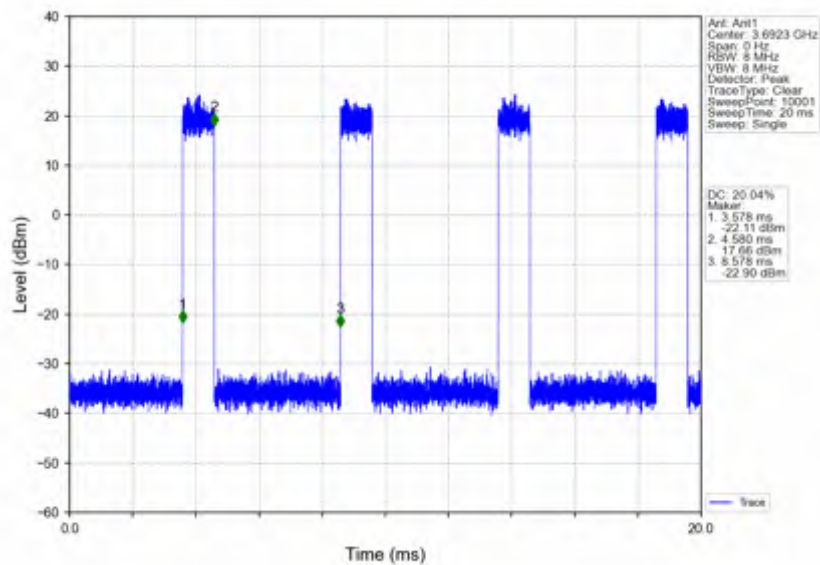
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3692.49MHz_Outer_Full



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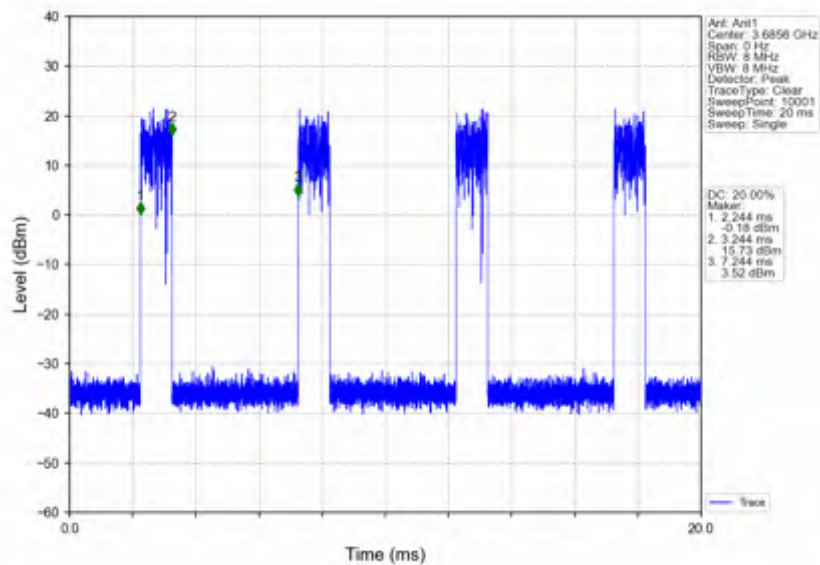


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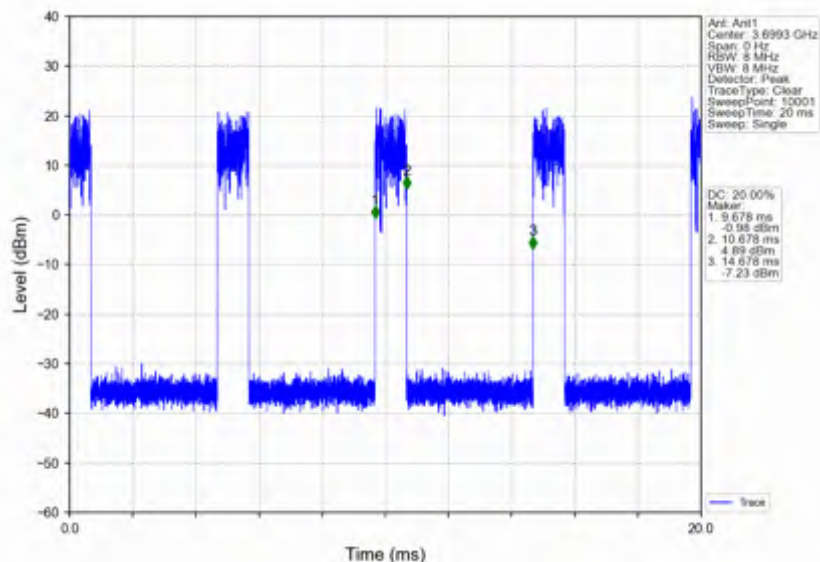
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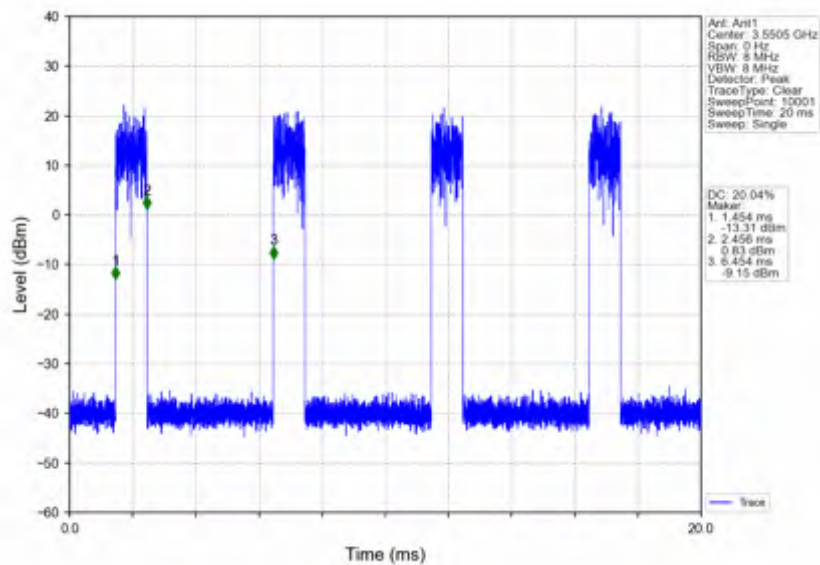


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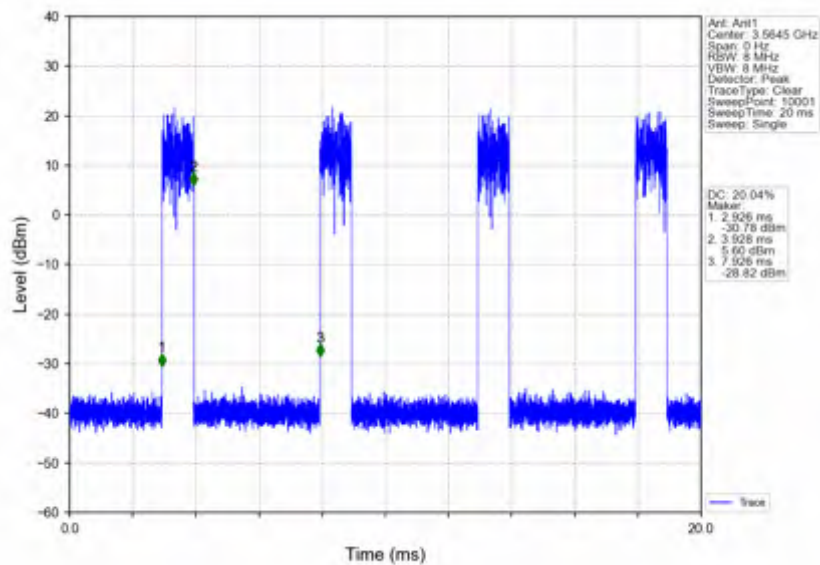
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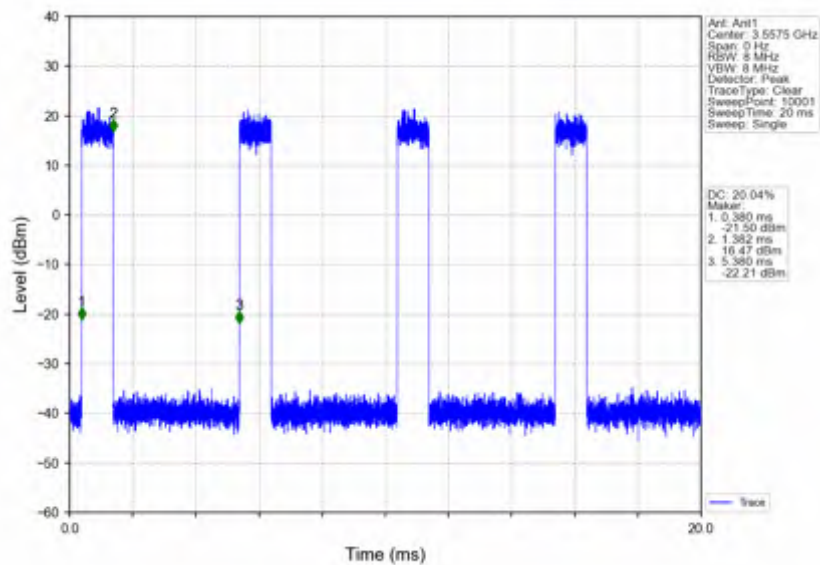
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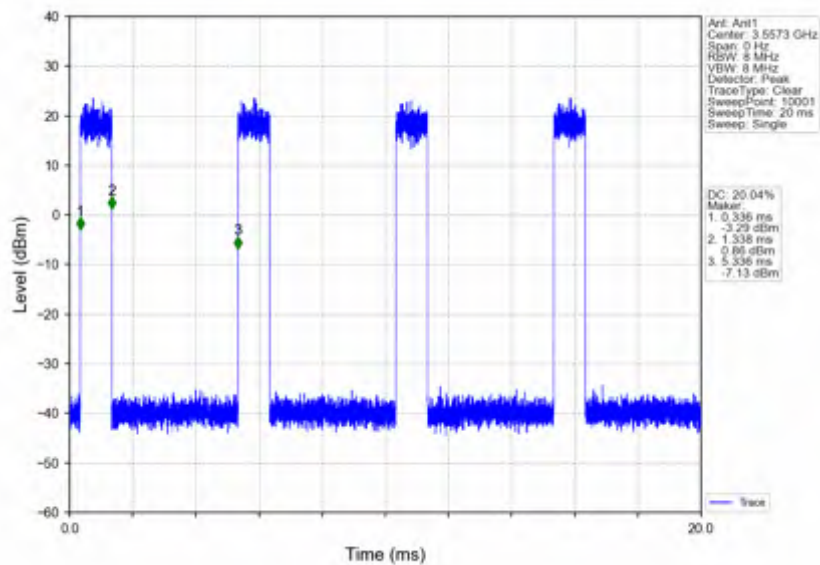
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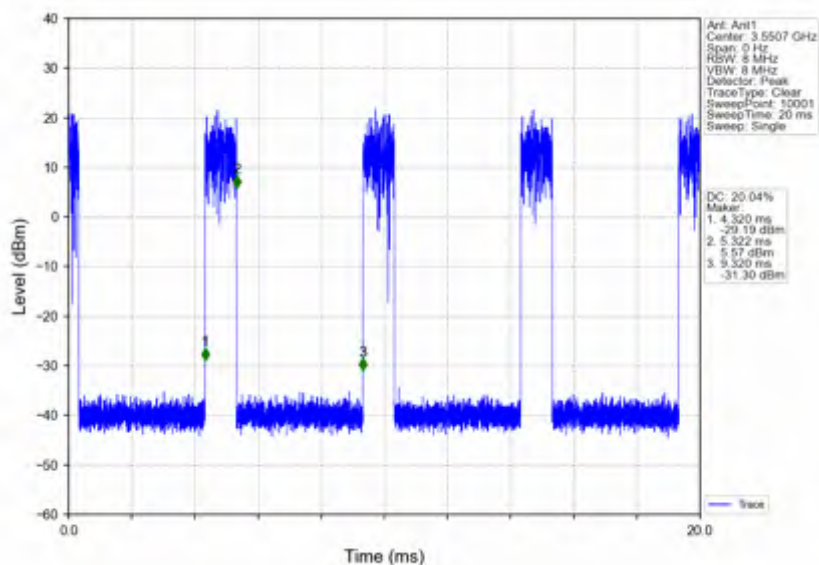


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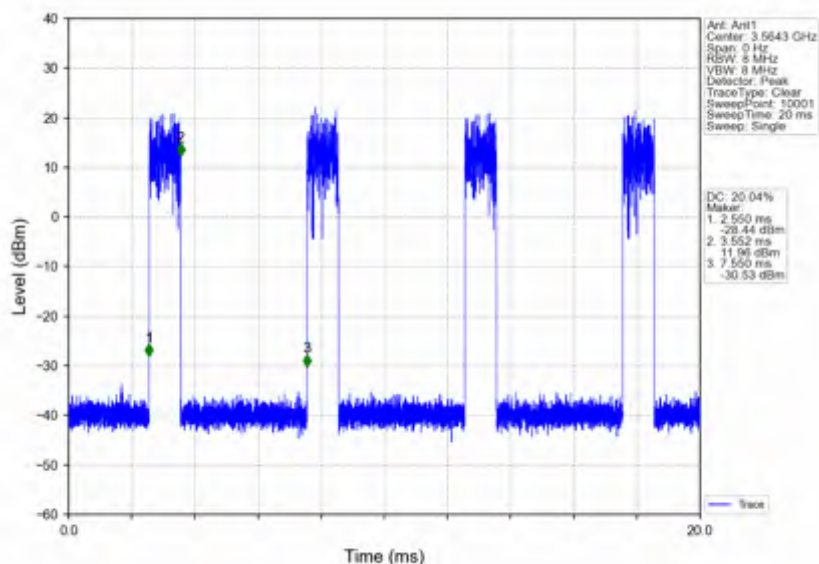
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n78d	15kHz	SISO	NTNV	15MHz	CP-OFDM	64 QAM	3557.505MHz	Inner	1RB	Left
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n78d	15kHz	SISO	NTNV	15MHz	CP-OFDM	64 QAM	3557.505MHz	Inner	1RB	Right
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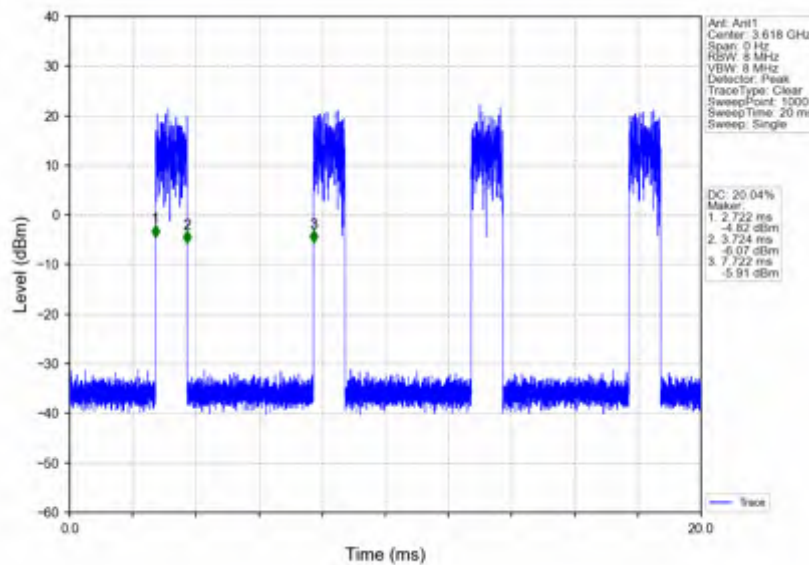


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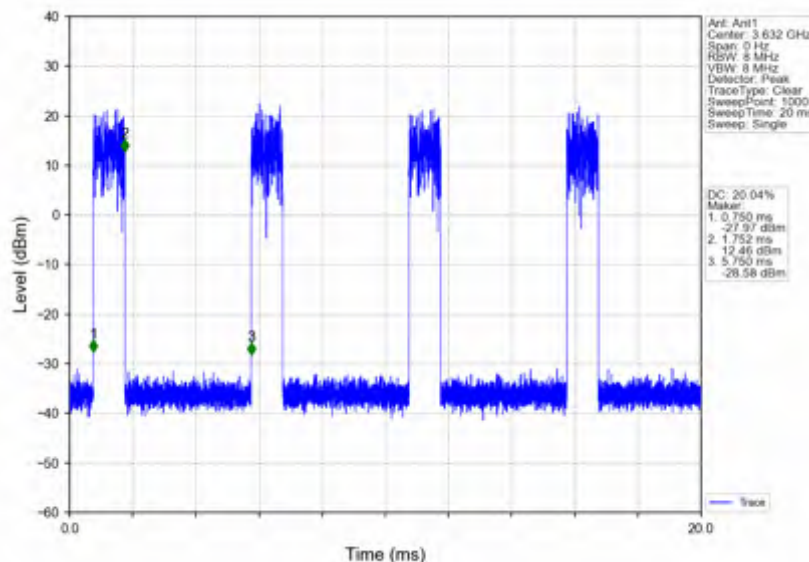
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_3625.005MHz_Edge_1RB_Left



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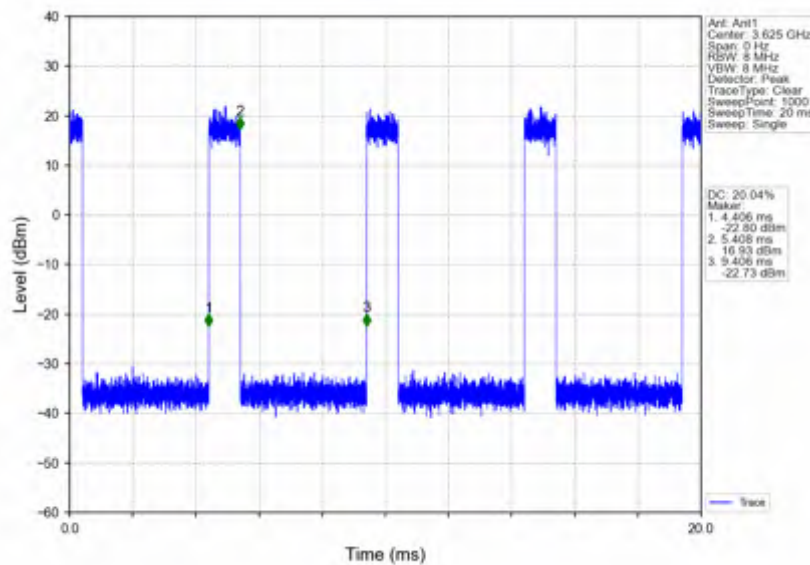


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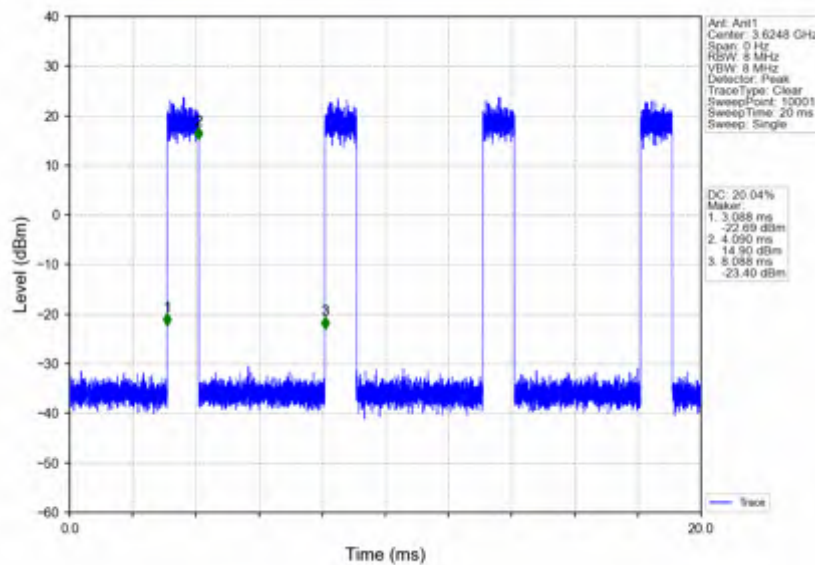
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_3625.005MHz_Outer_Full



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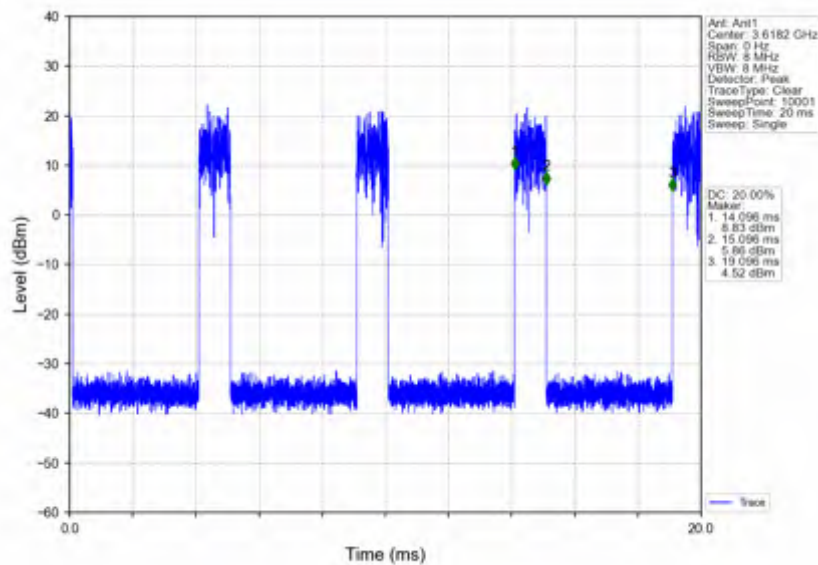


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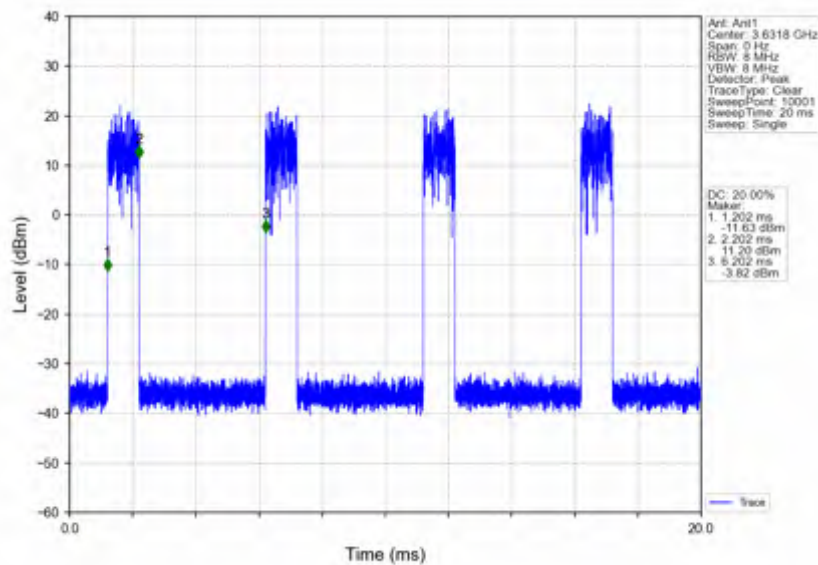
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_3625.005MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_3625.005MHz_Inner_1RB_Right



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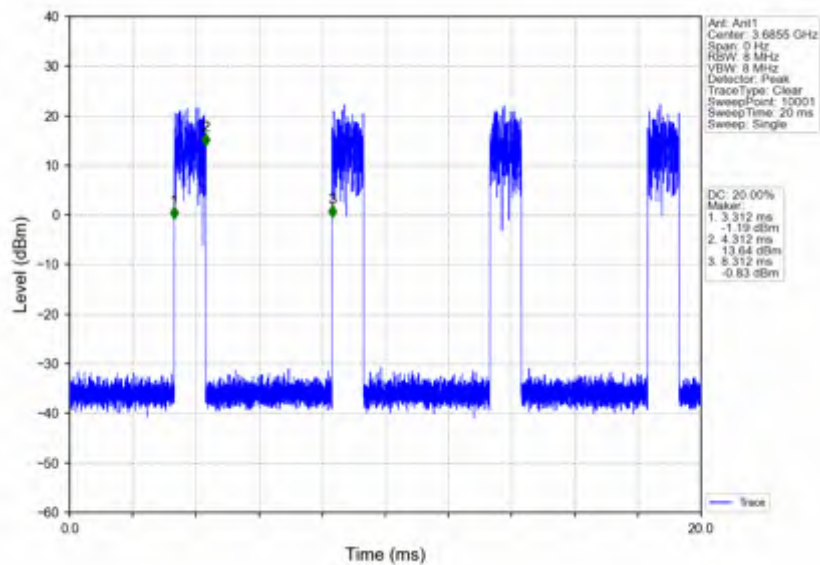
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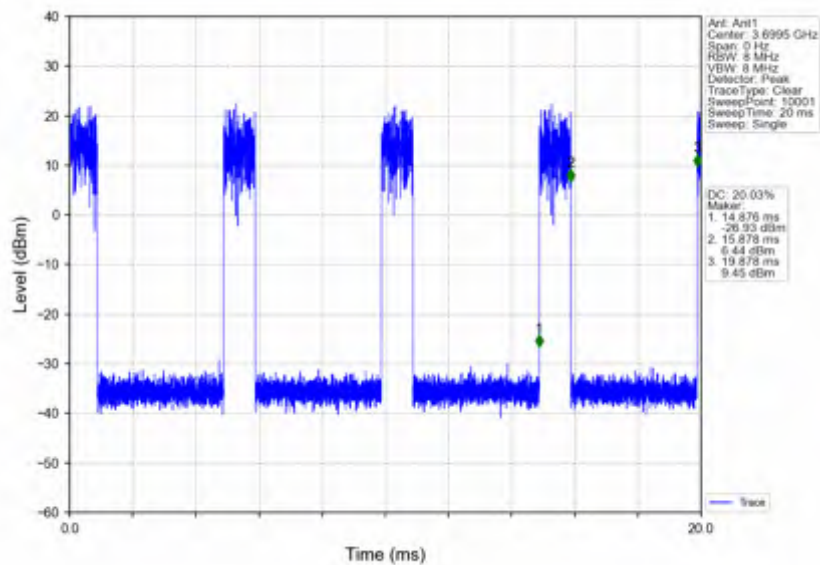
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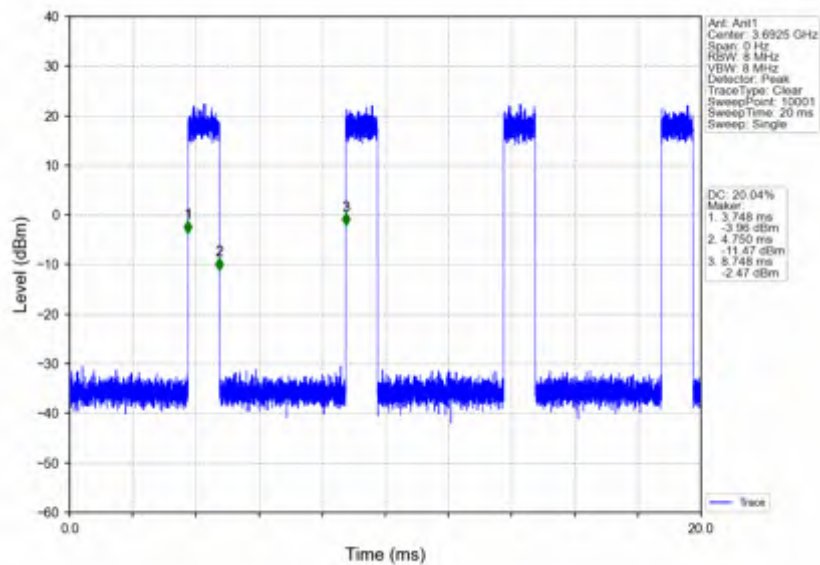


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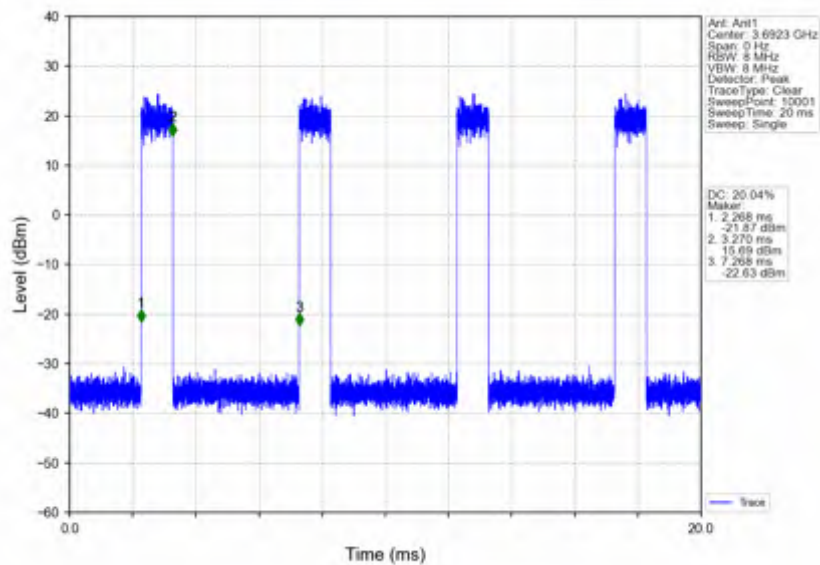
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_3692.49MHz_Outer_Full



n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_3692.49MHz_Inner_Full



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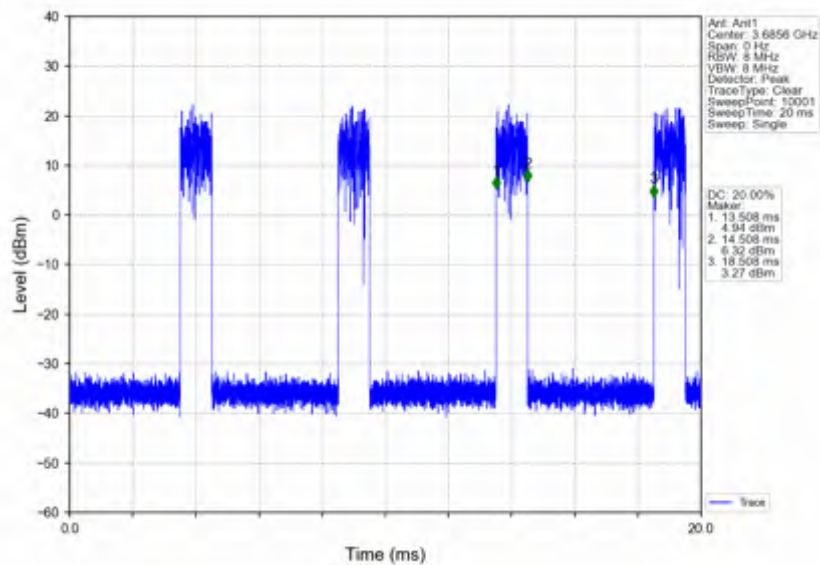
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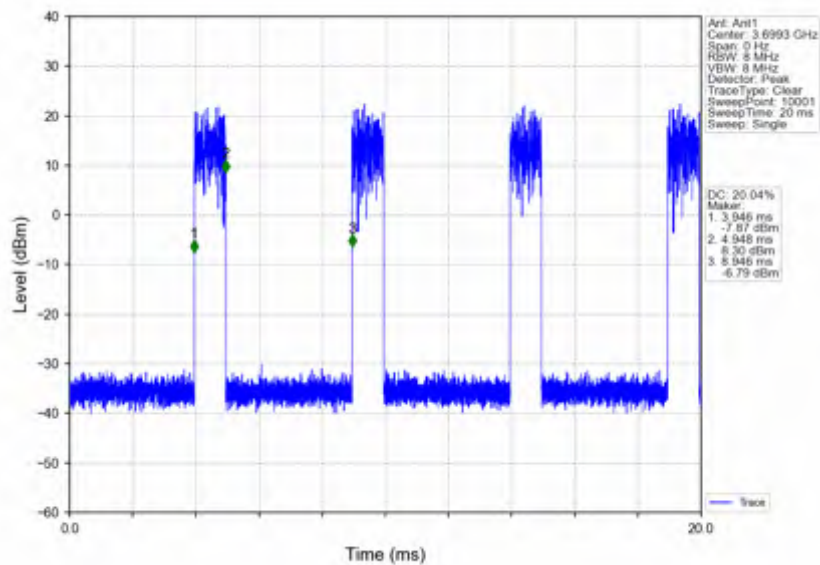
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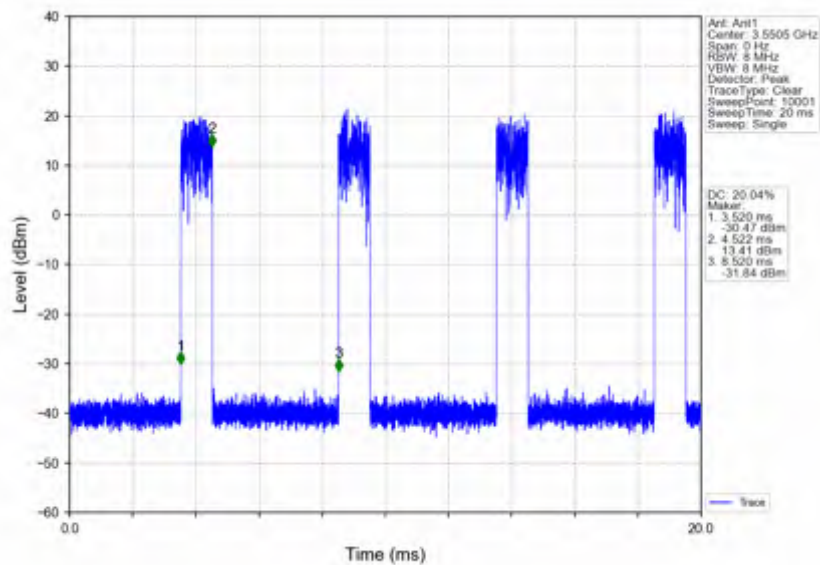


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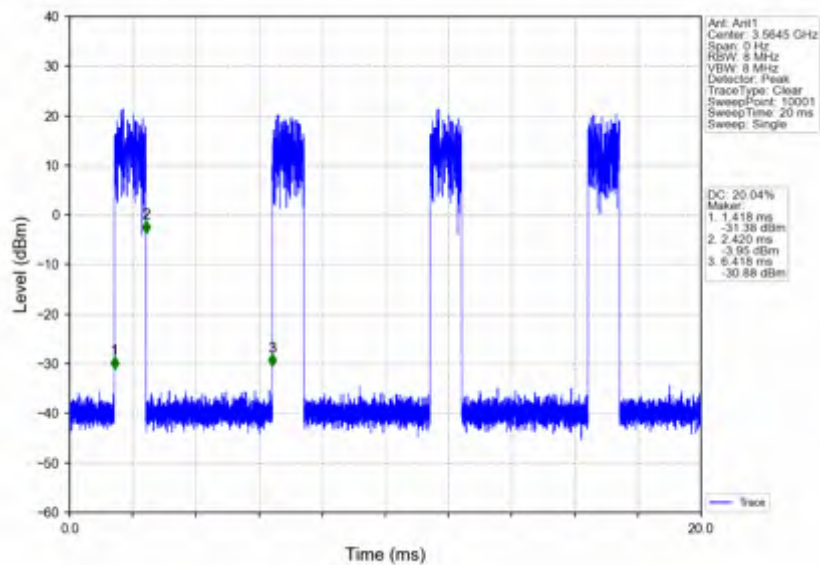
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3557.505MHz_Edge_1RB_Left



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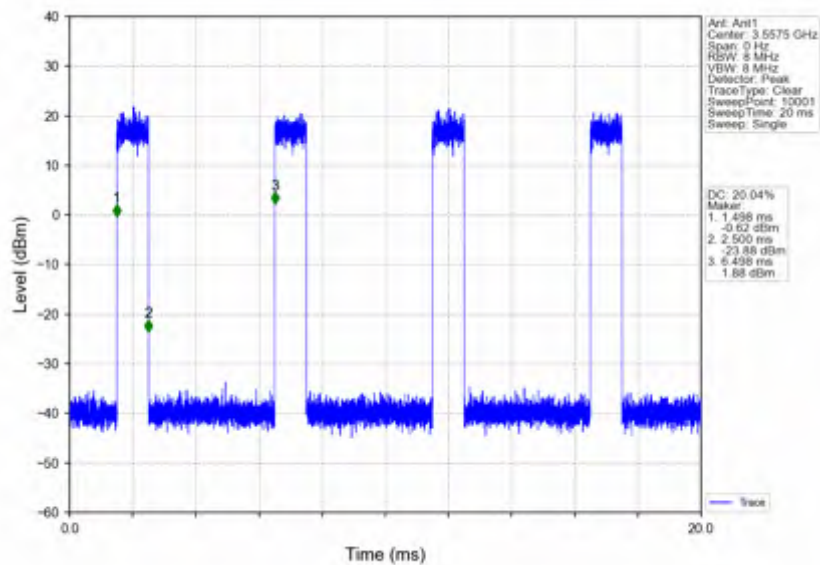
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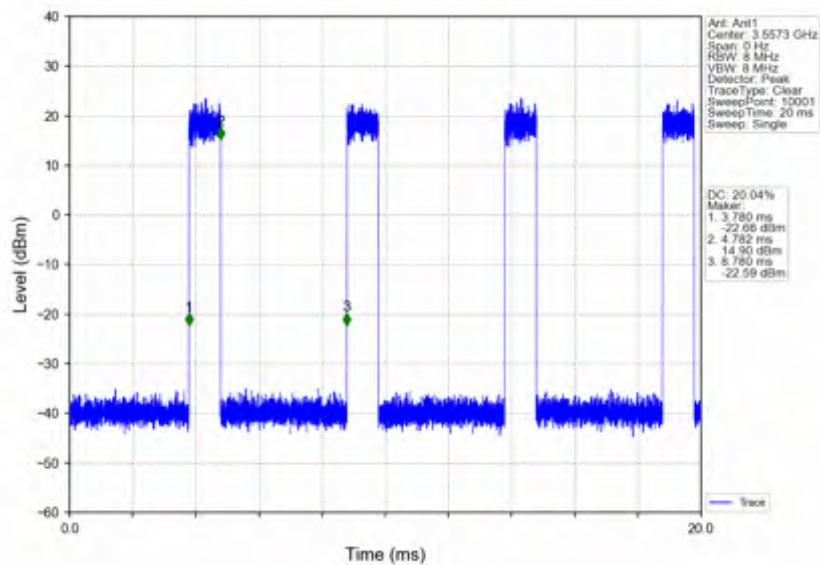
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM 3557.505MHz_Outer_Full



n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM 3557.505MHz_Inner_Full



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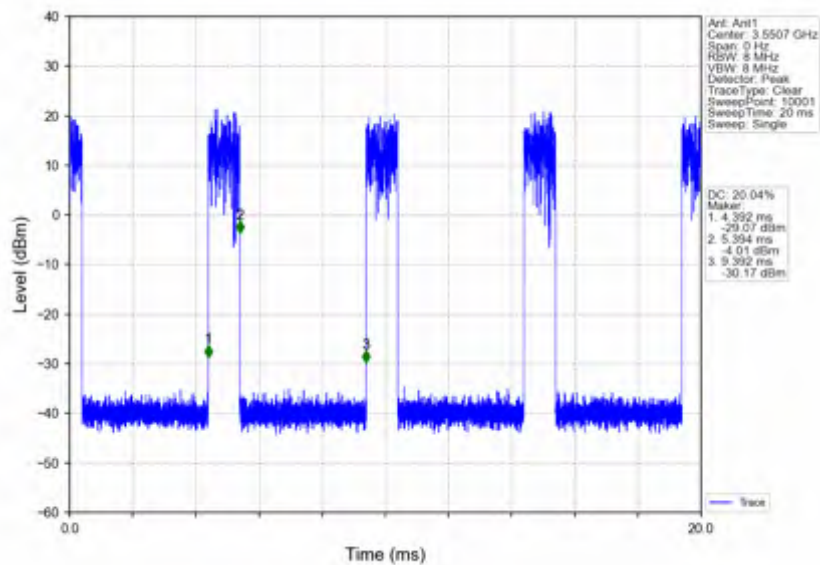
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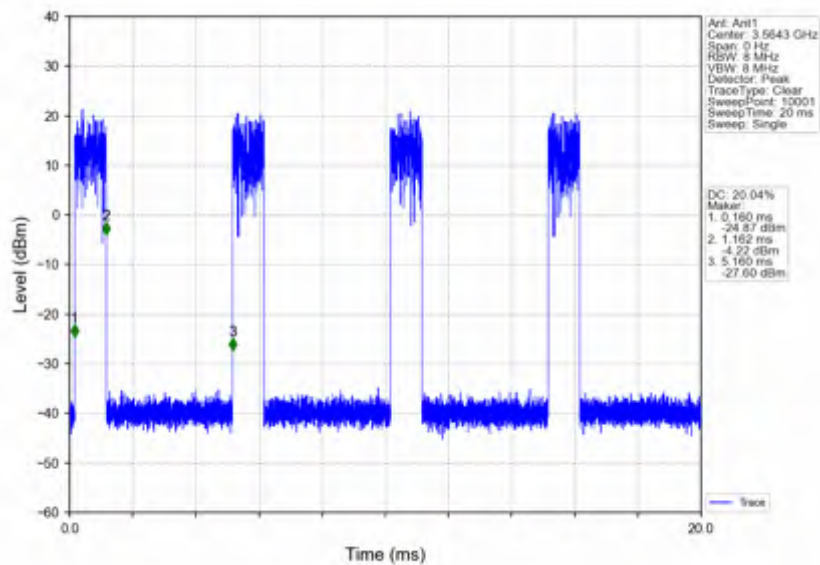
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3557.505MHz_Inner_1RB_Left



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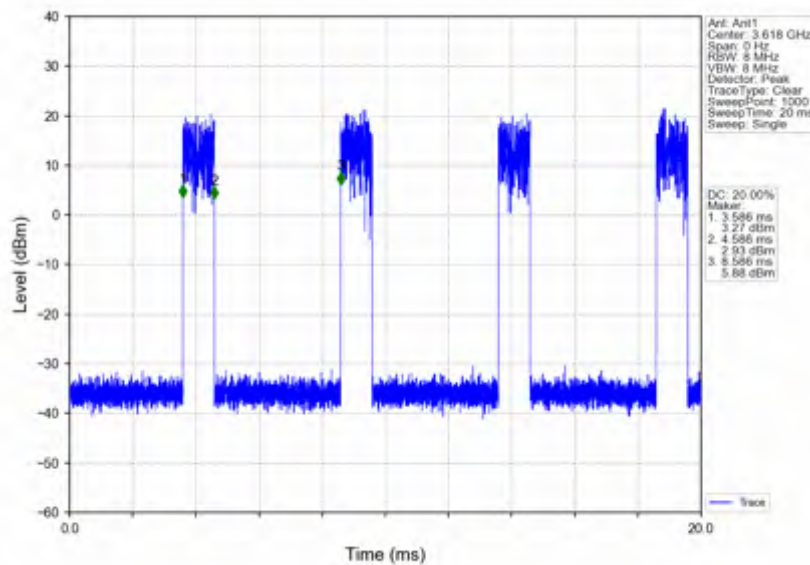
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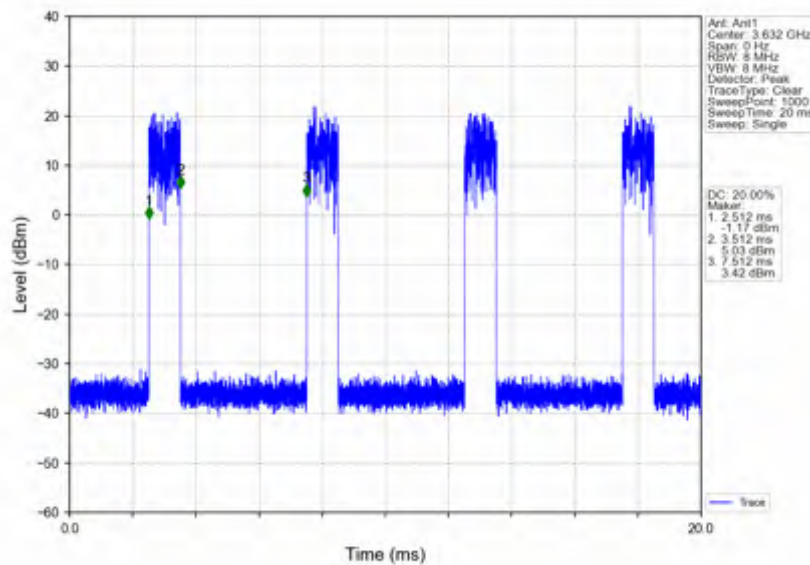
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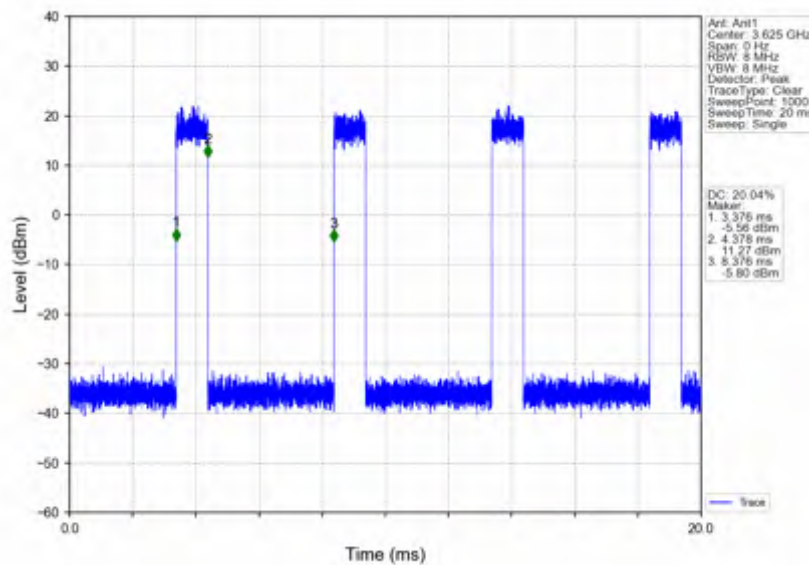


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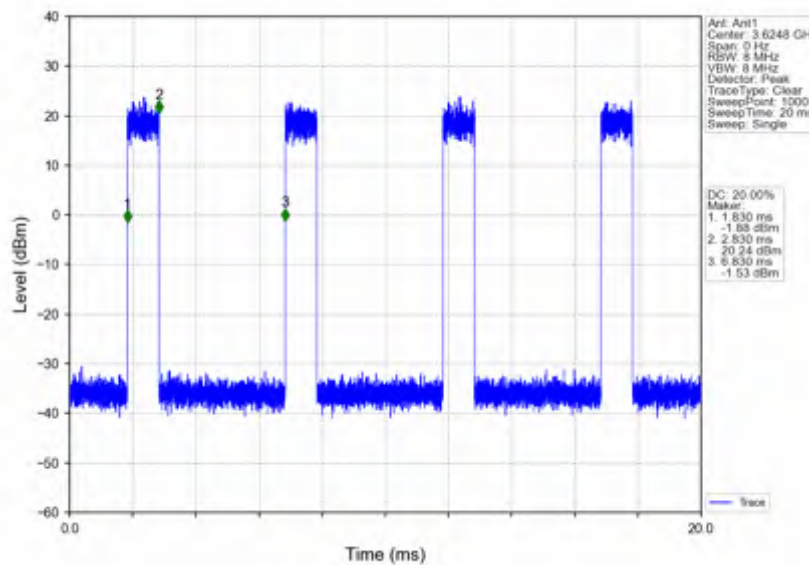
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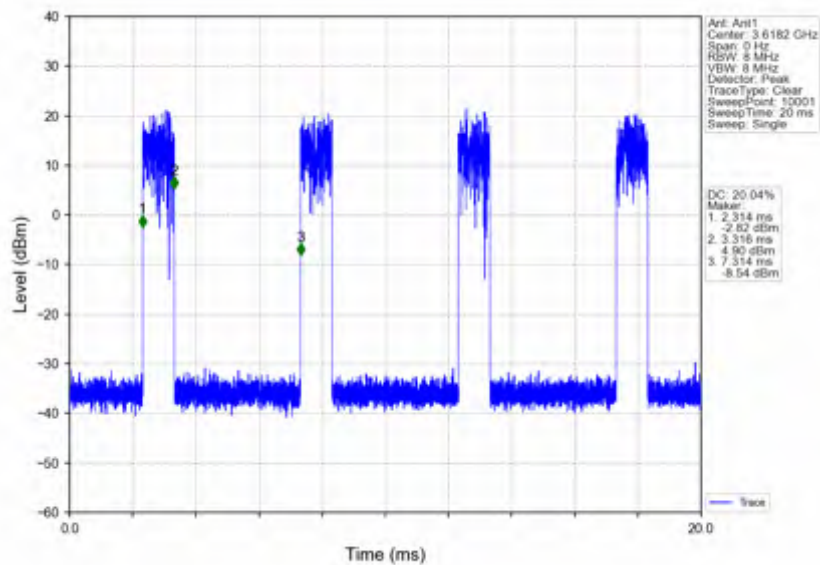
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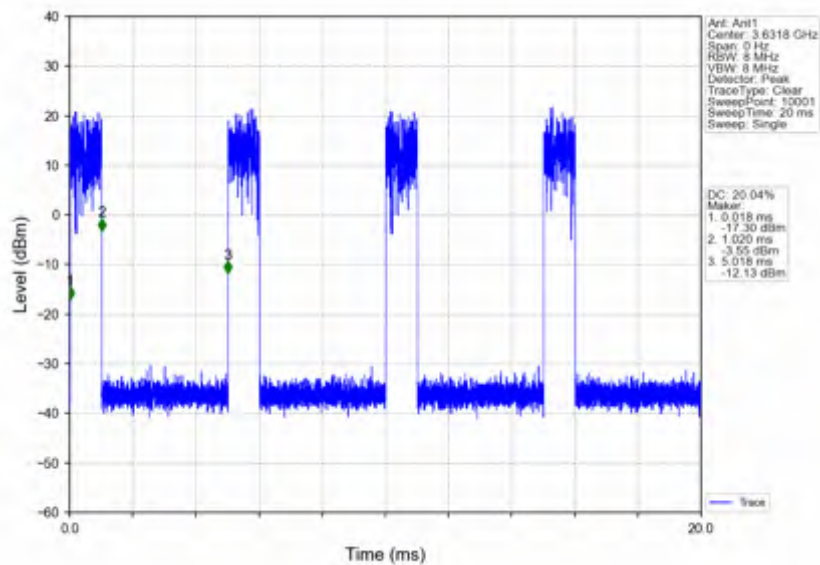
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n78d	15kHz	SISO	NTNV	15MHz	CP-OFDM	256	QAM	3625.005MHz	Inner	1RB	Right
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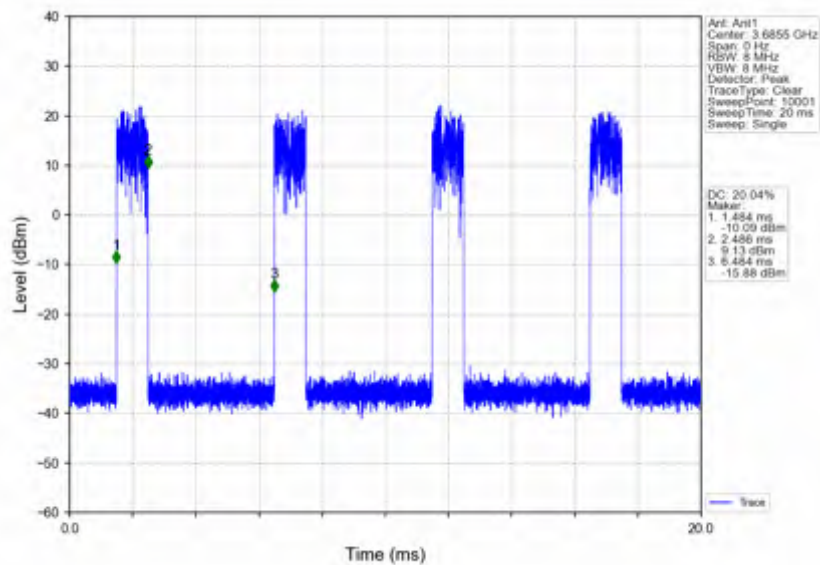


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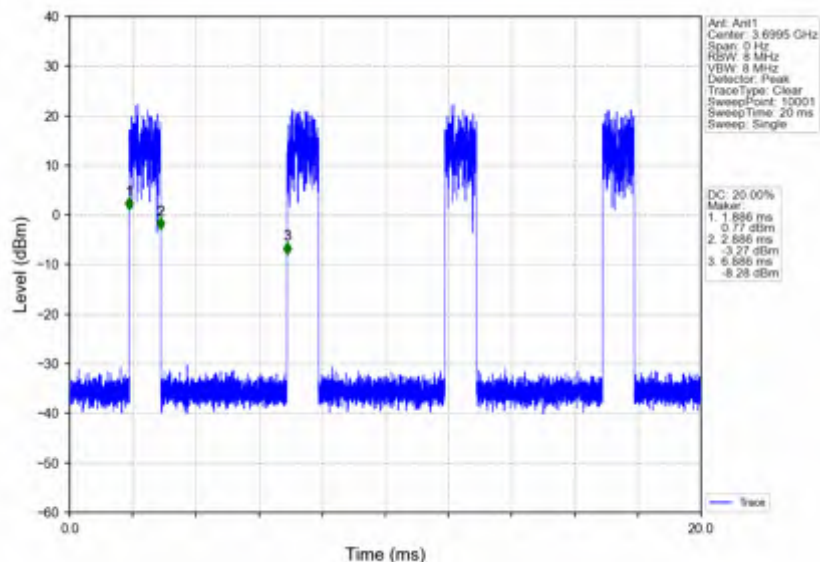
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3692.49MHz_Edge_1RB_Right



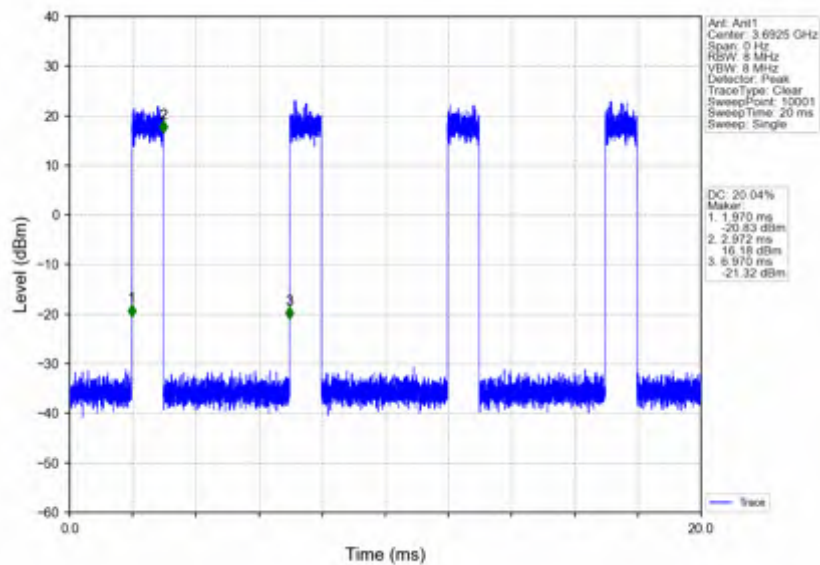
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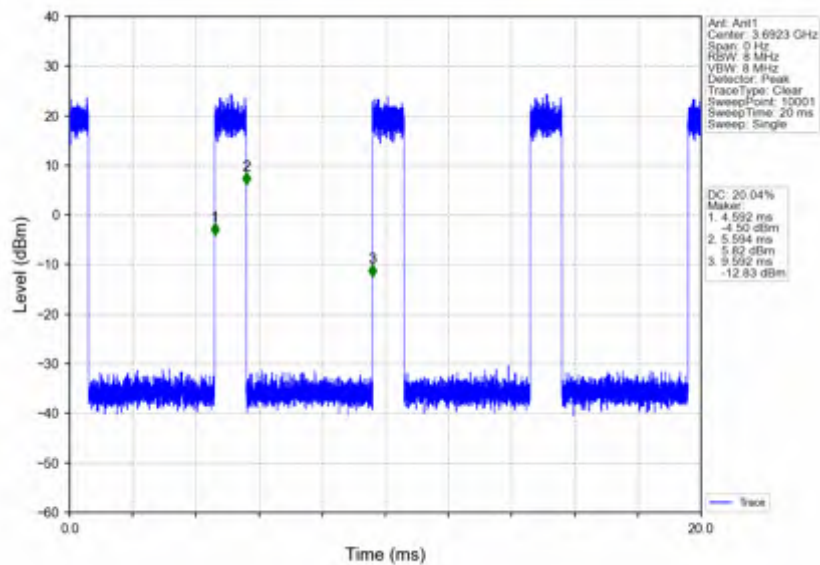
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3692.49MHz_Outer_Full



n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3692.49MHz_Inner_Full

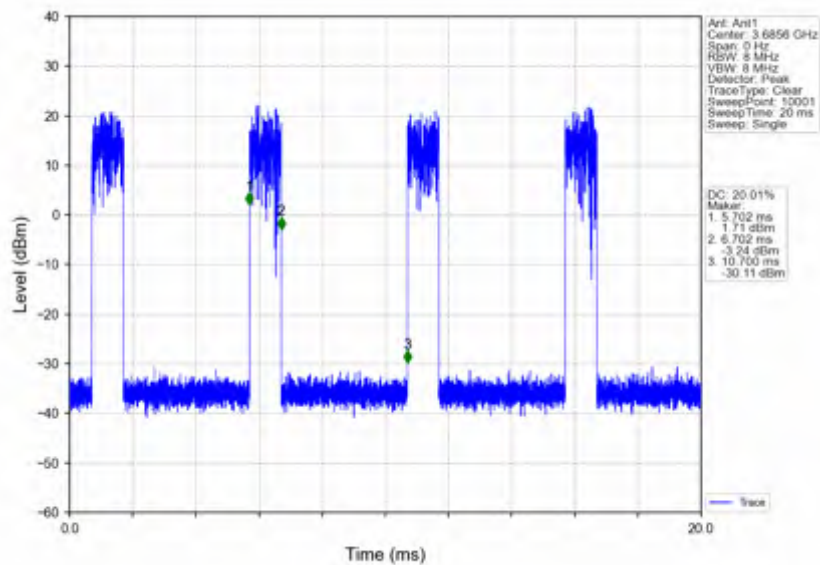


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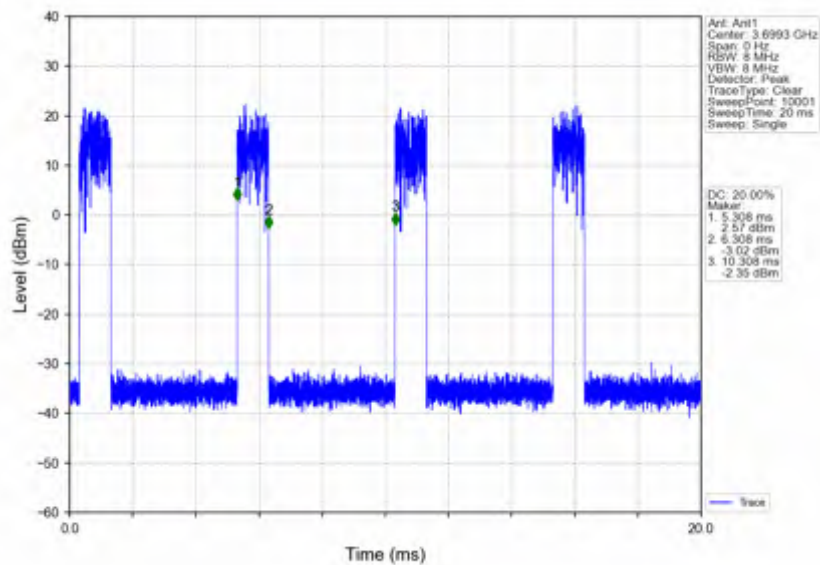
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n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3692.49MHz_Inner_1RB_Left



n78d_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3692.49MHz_Inner_1RB_Right



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1.3 15k_SISO_20MHz_NTNV

1.3.1 Test Result

5G NR n78d SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.01
		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
	3625.005	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.04
		Edge_1RB_Right	1.020	5.000	20.40	6.90	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	0.04
		Inner_1RB_Right	1.020	5.000	20.40	6.90	0.03
	3690	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.04
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
DFT-s-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	0.04
		Inner_Full	1.000	4.998	20.01	6.99	0.07
		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
	3625.005	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
	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	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM 16 QAM	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	0.03
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.03
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.04
	3625.005	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



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		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
	3690	Edge_1RB_Left	1.000	5.000	20.00	6.99	0.04
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Inner_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
DFT-s-OFDM 64 QAM	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	0.00
		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
	3625.005	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	0.04
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.00
	3690	Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	5.000	20.00	6.99	0.00
DFT-s-OFDM 256 QAM	3560.01	Edge_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		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
	3625.005	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	0.04
		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	0.03
		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
CP-OFDM QPSK	3560.01	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
		Edge_1RB_Left	1.000	4.998	20.01	6.99	0.03
		Edge_1RB_Right	1.002	5.000	20.04	6.98	0.00
		Outer_Full	1.002	5.000	20.04	6.98	0.00
		Inner_Full	1.002	4.998	20.05	6.98	0.03
	3625.005	Inner_1RB_Left	1.002	5.000	20.04	6.98	0.00
		Inner_1RB_Right	1.000	4.998	20.01	6.99	0.03
		Edge_1RB_Left	1.000	5.000	20.00	6.99	0.00
		Edge_1RB_Right	1.000	5.000	20.00	6.99	0.03



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