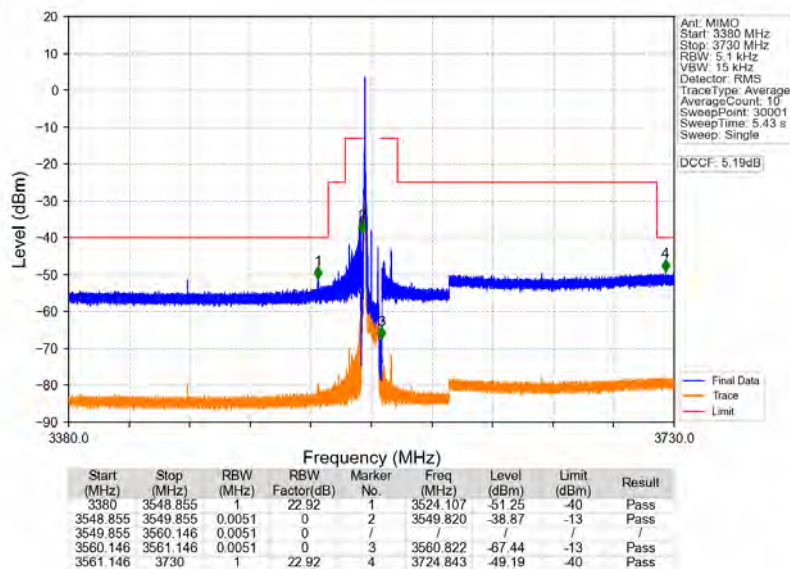
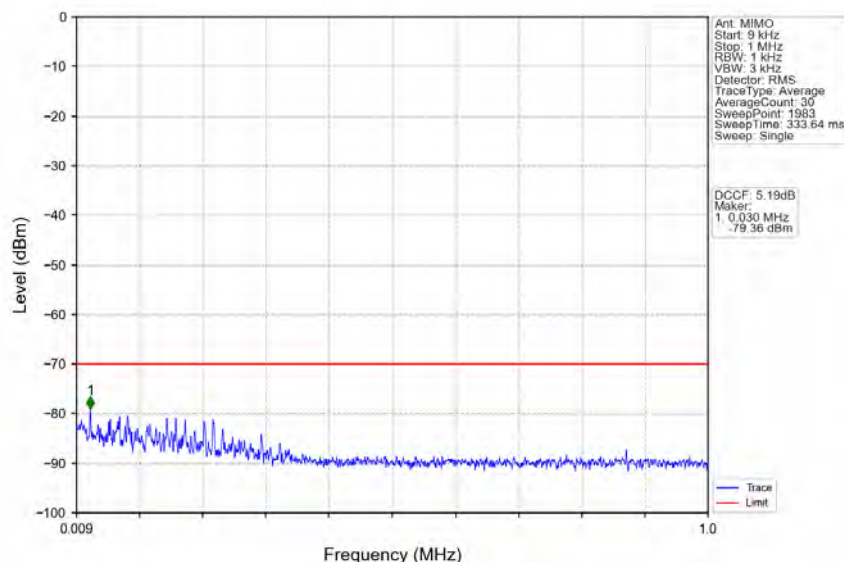


n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM_QPSK_3555MHz_Inner_1RB_Left



n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM_QPSK_3555MHz_Inner_1RB_Left



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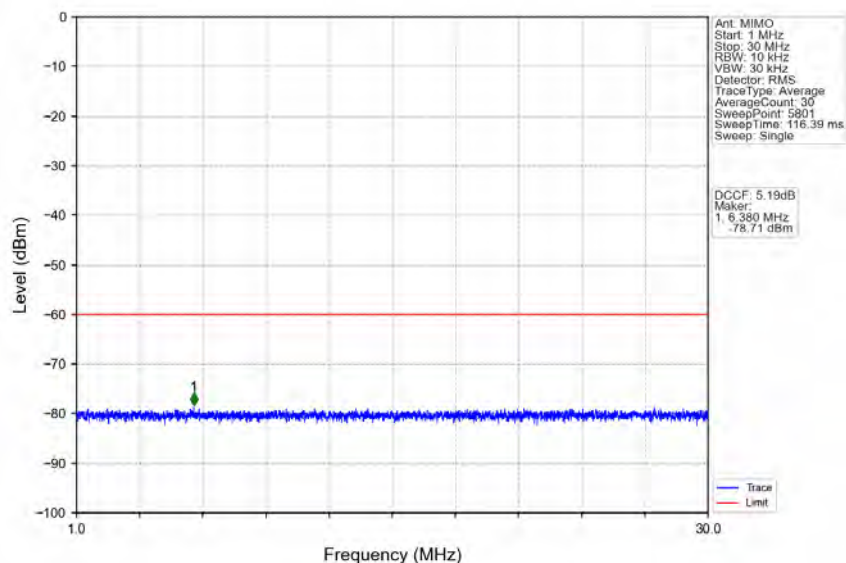
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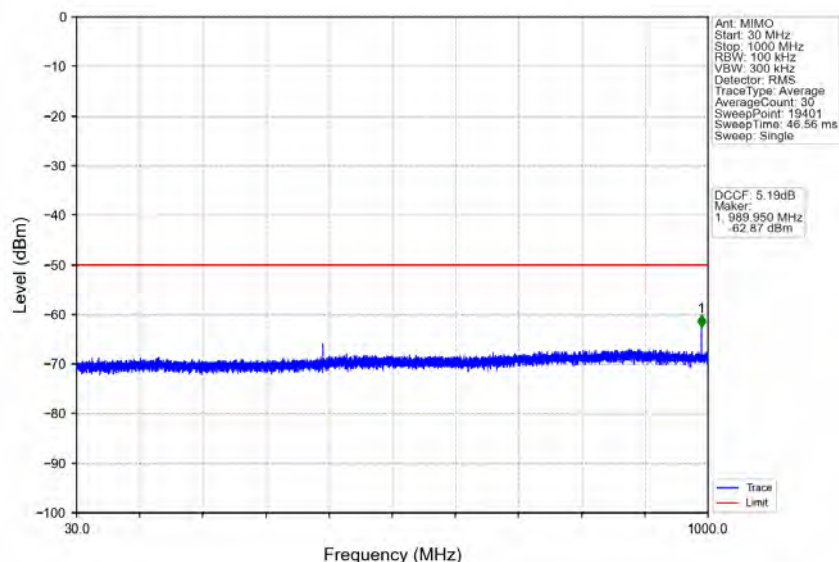
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n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Inner_1RB_Left



n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Inner_1RB_Left



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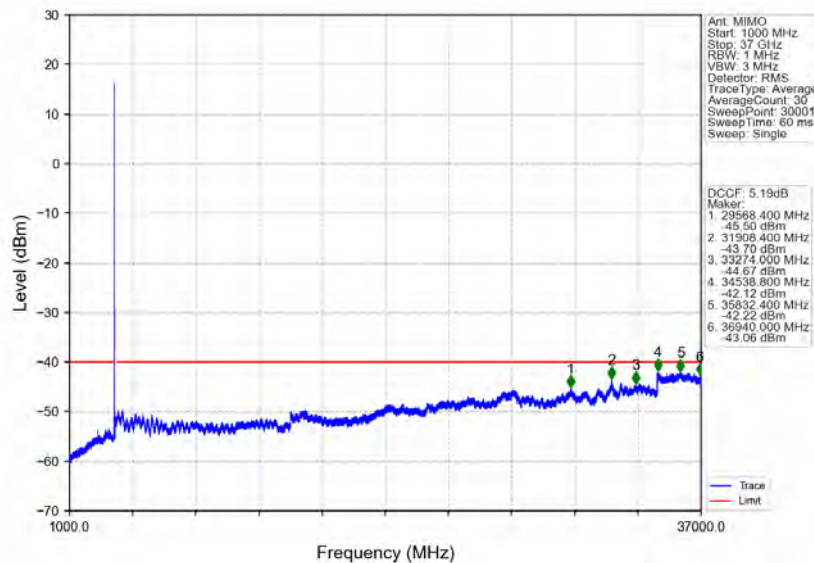
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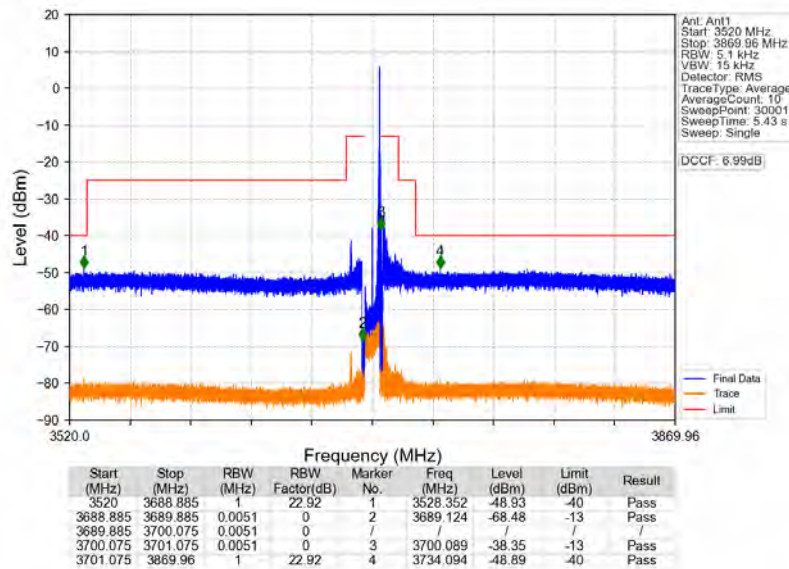
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n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Inner_1RB_Left



n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Edge_1RB_Right



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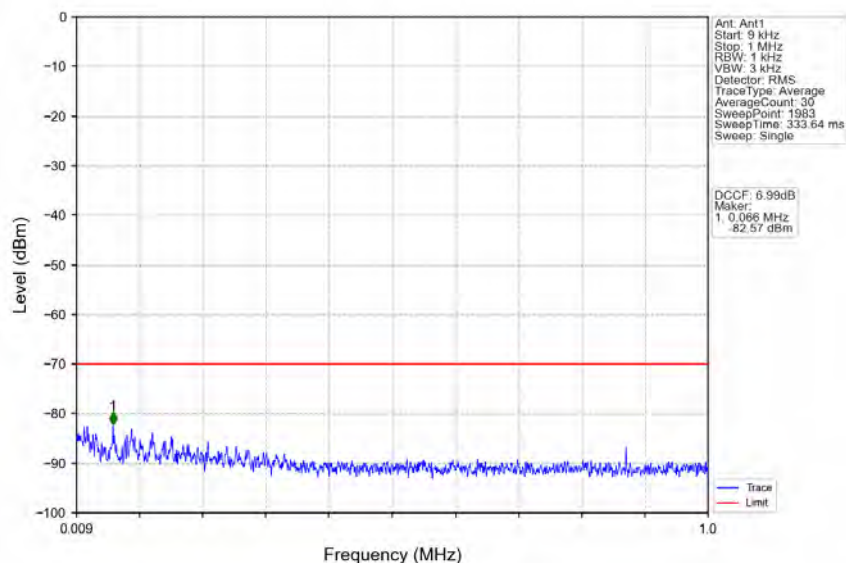
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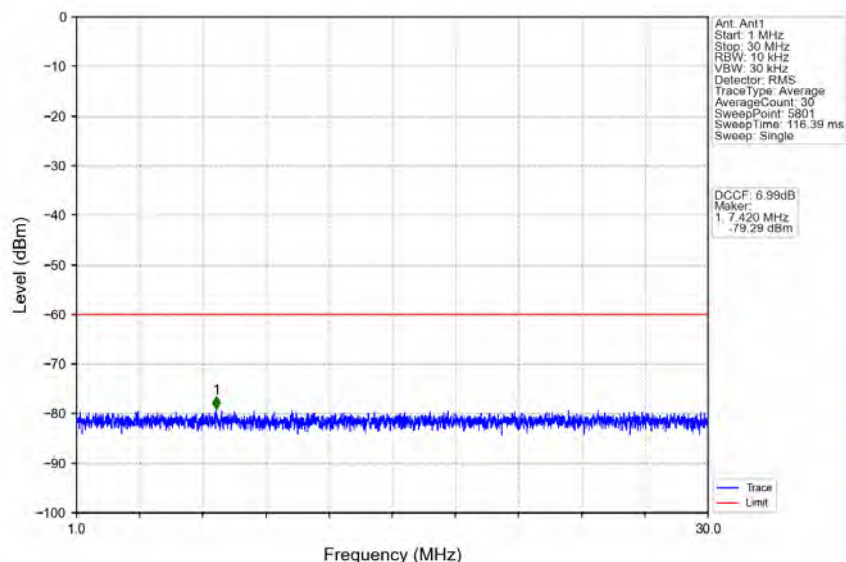
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n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Edge_1RB_Right



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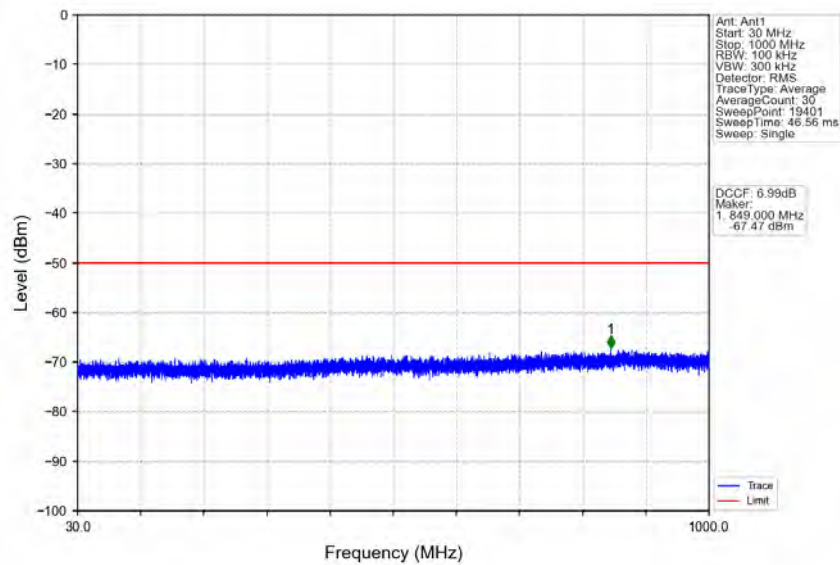
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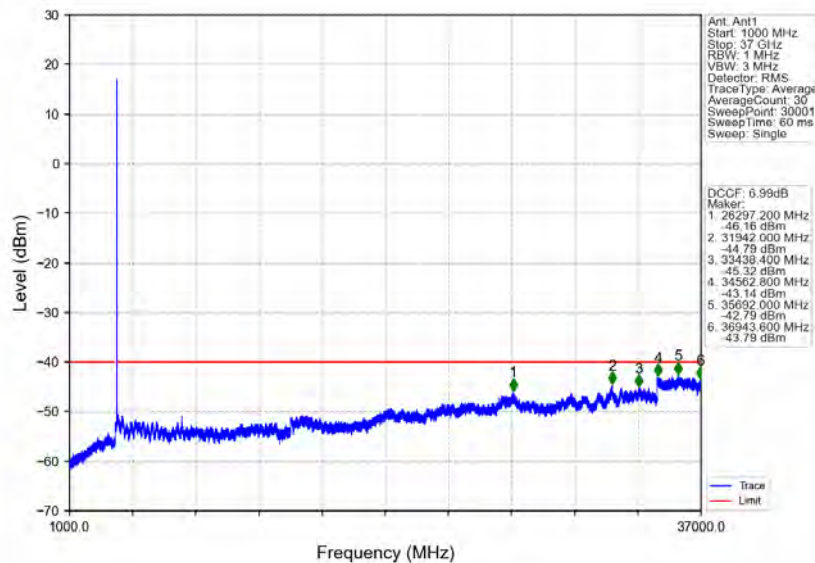
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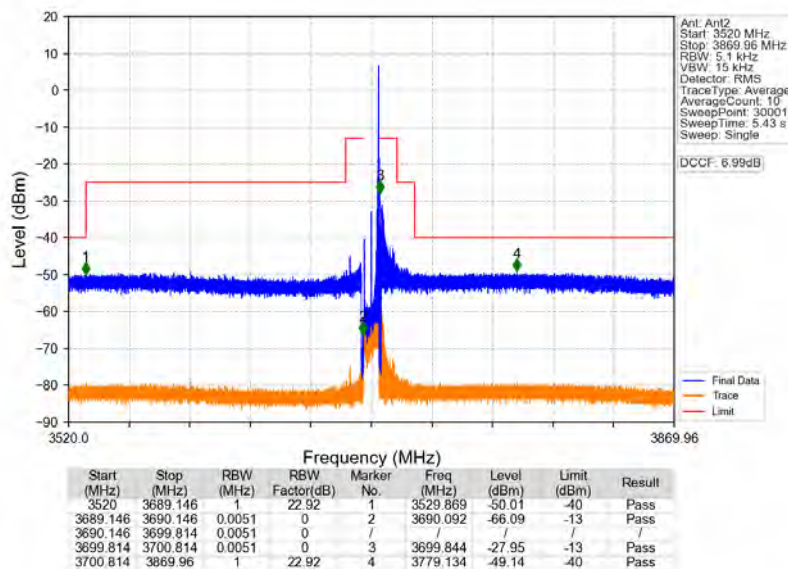
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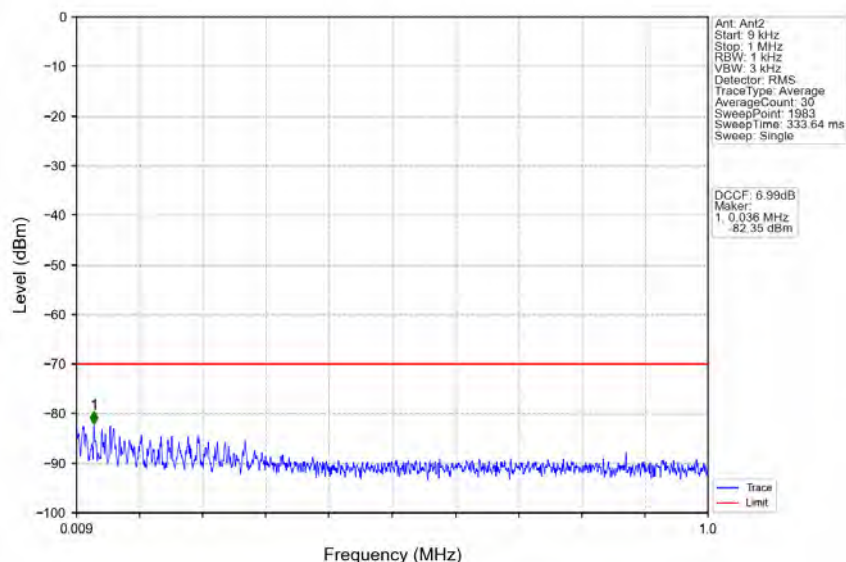
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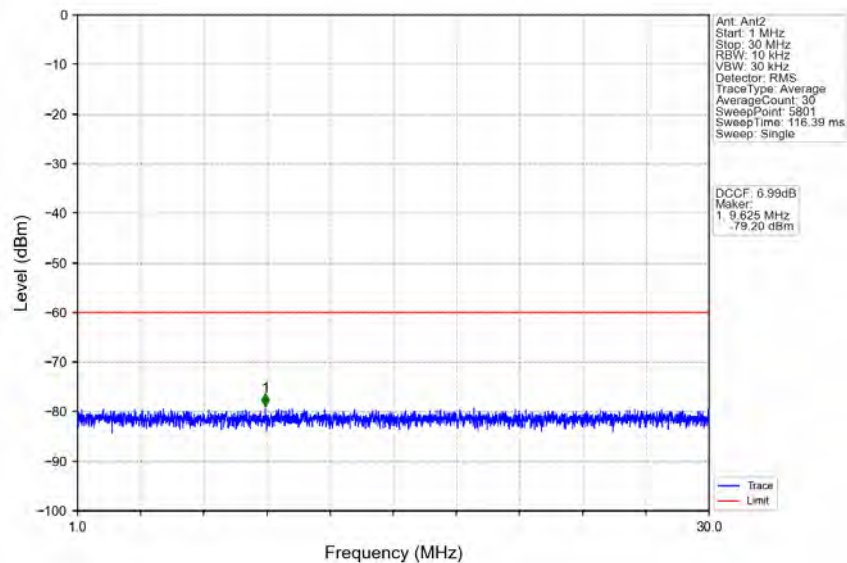
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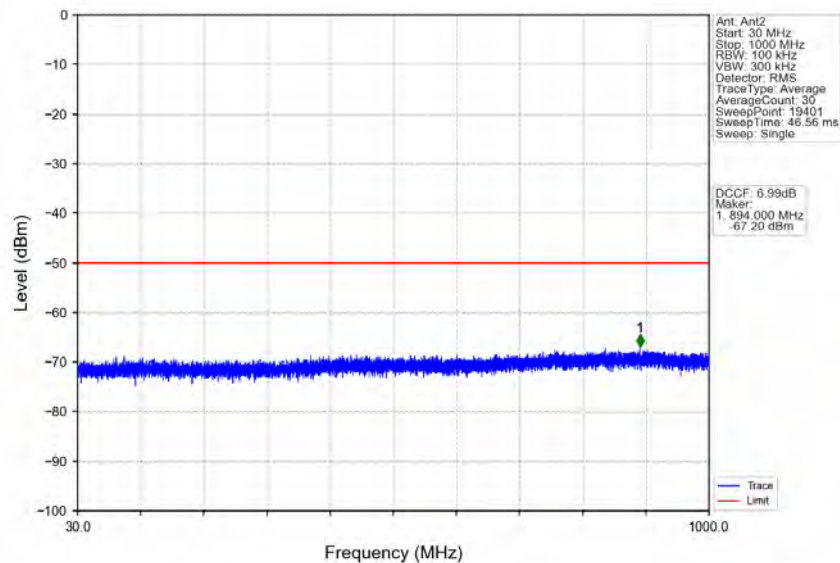
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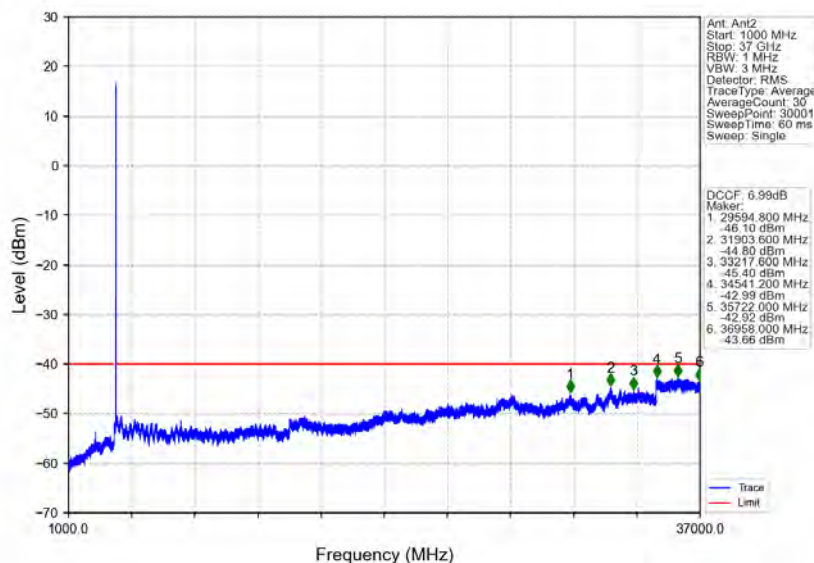
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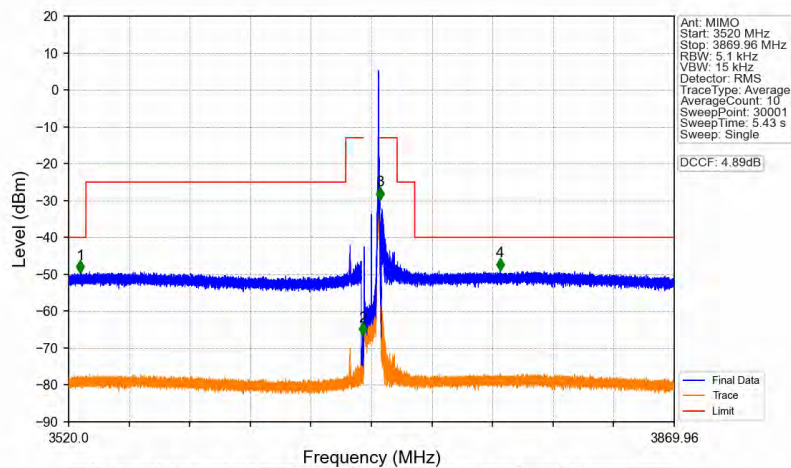
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3689.146	1	22.92	1	3526.766	-49.73	-40	Pass
3689.146	3690.146	0.0051	0	2	3690.092	-66.48	-13	Pass
3690.146	3699.814	0.0051	0	3	3699.844	-29.76	-13	Pass
3699.814	3700.814	0.0051	0	4	3769.323	-48.98	-40	Pass

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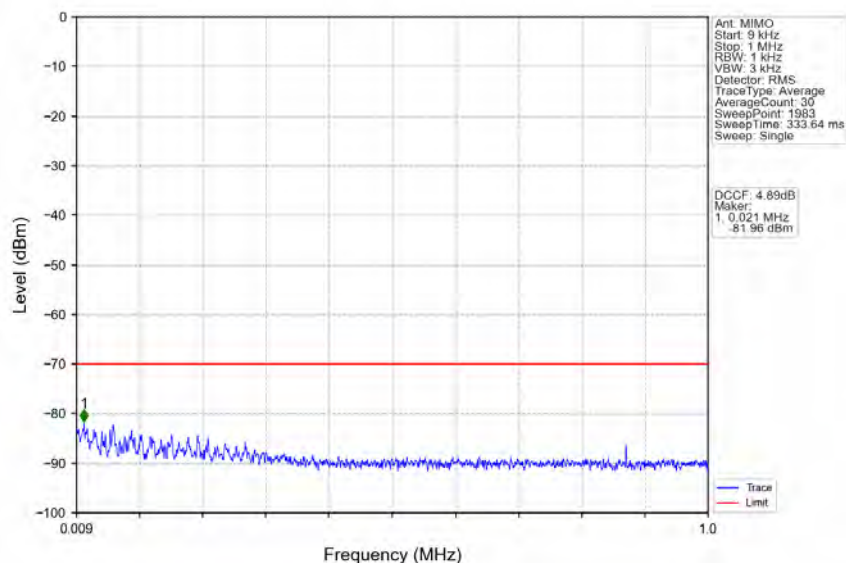
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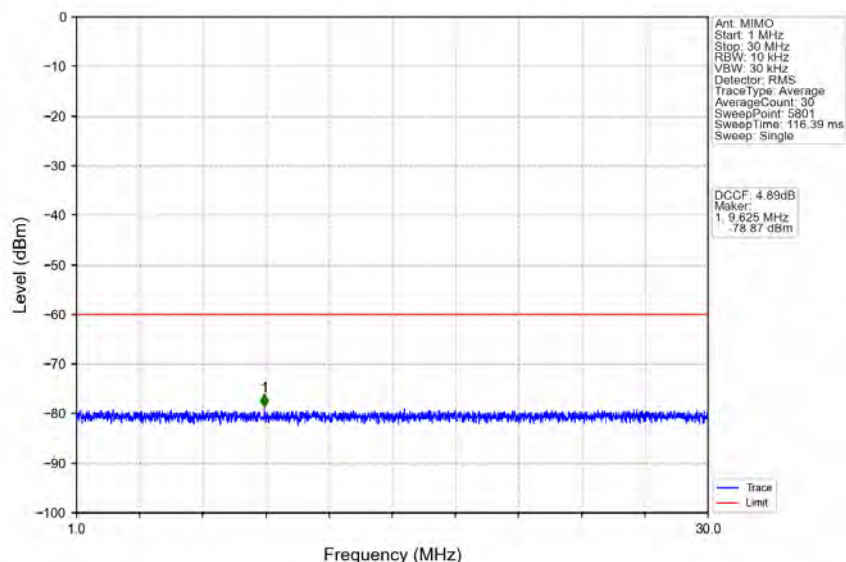
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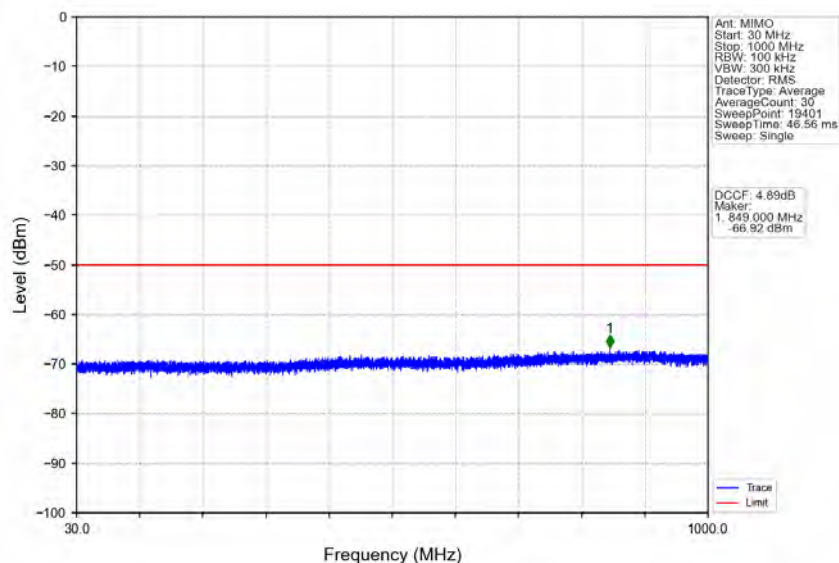
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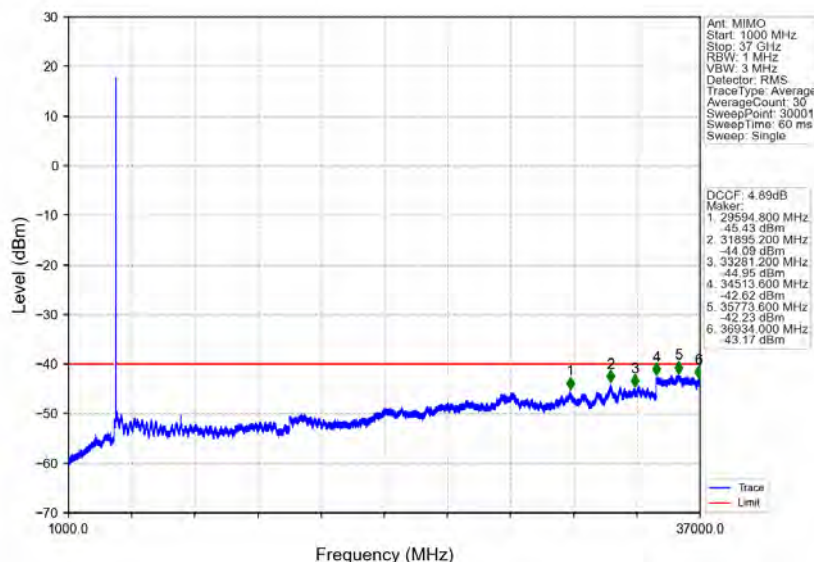
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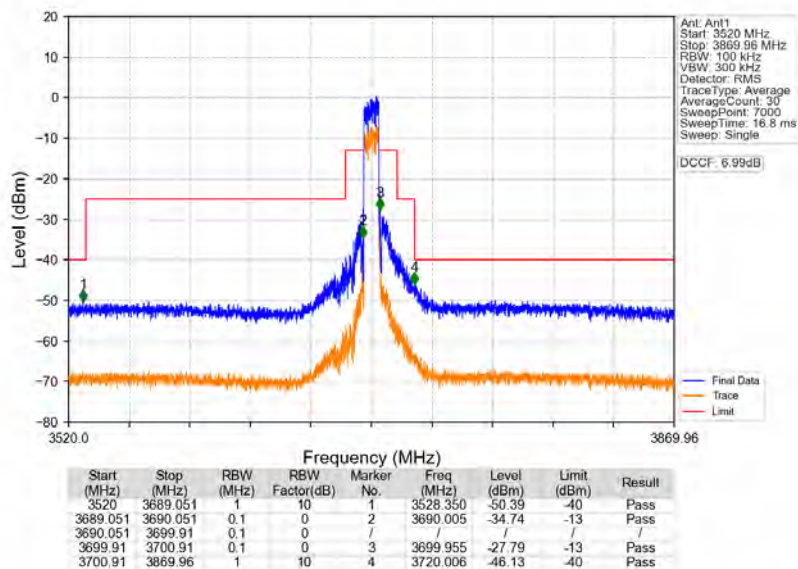
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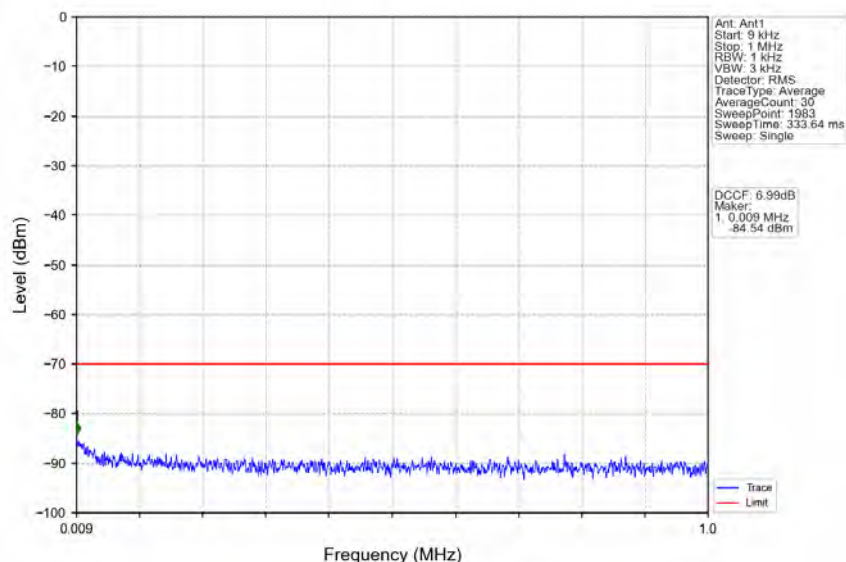
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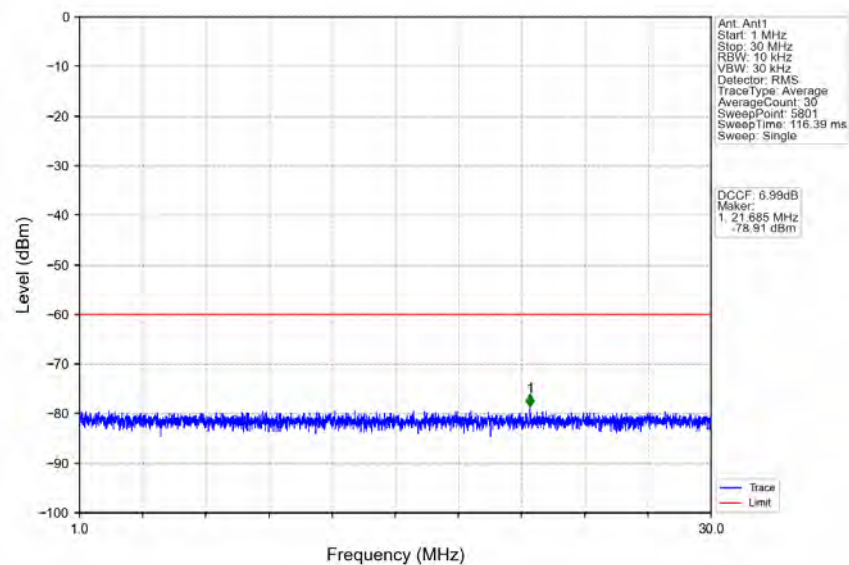
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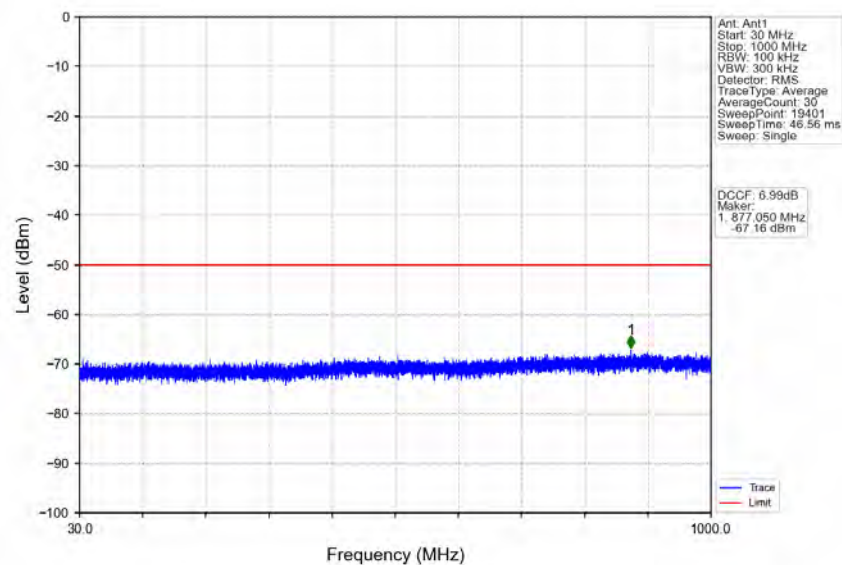
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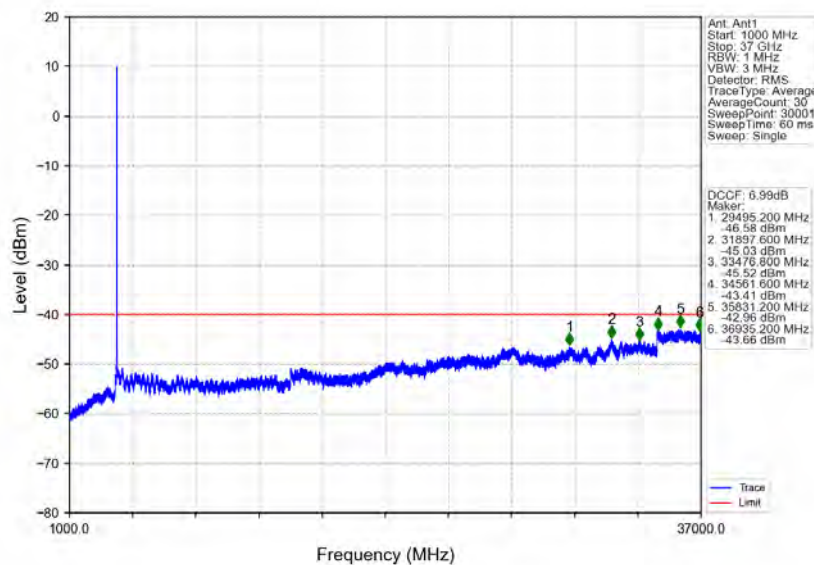
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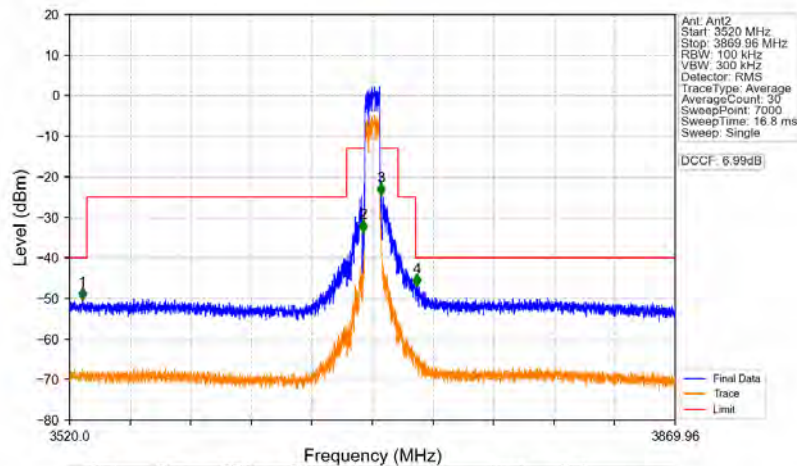
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3689.146	1	10	1	3527.400	-50.33	-40	Pass
3689.146	3690.146	0.1	0	2	3689.555	-33.71	-13	Pass
3690.146	3699.814	0.1	0	/			/	
3699.814	3700.814	0.1	0	3	3699.905	-24.58	-13	Pass
3700.814	3869.96	1	10	4	3720.756	-47.00	-40	Pass

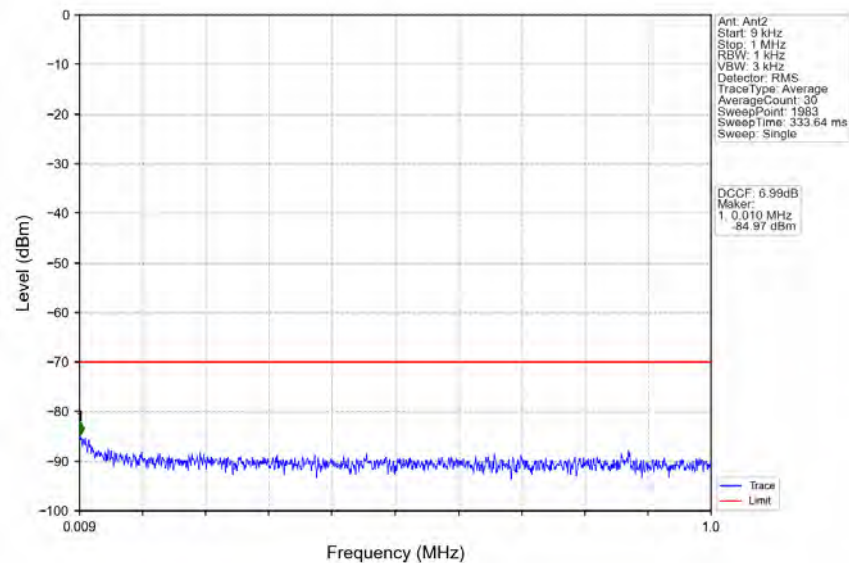


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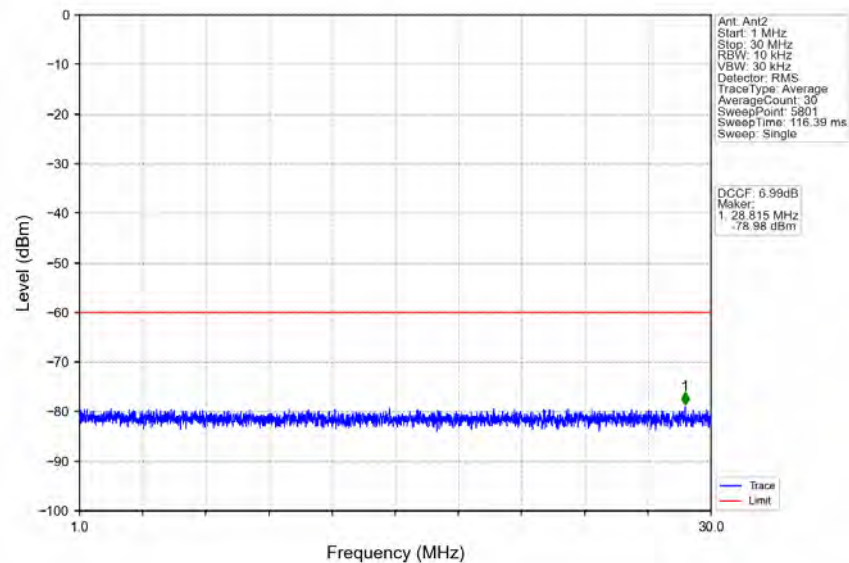
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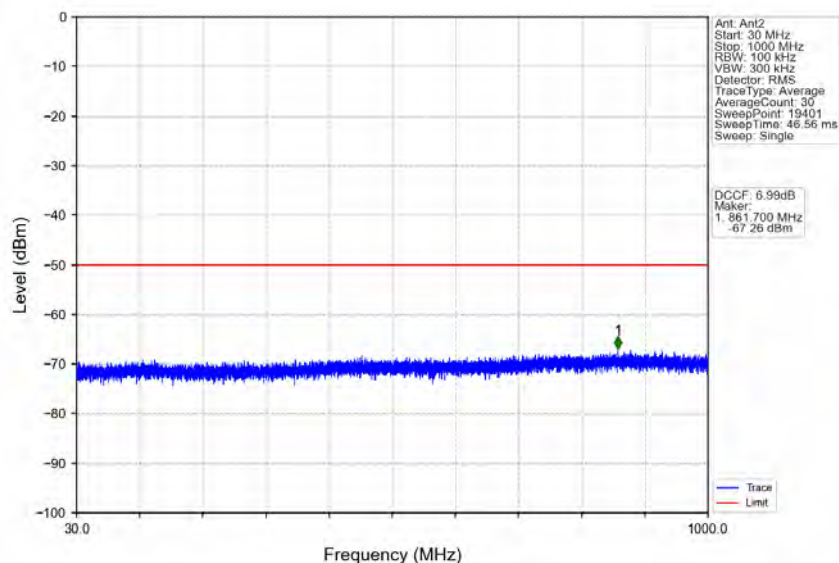
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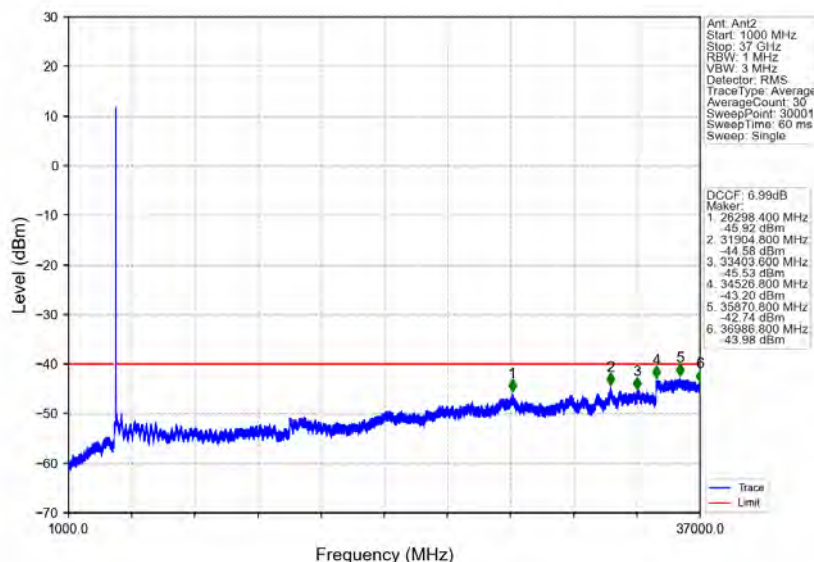
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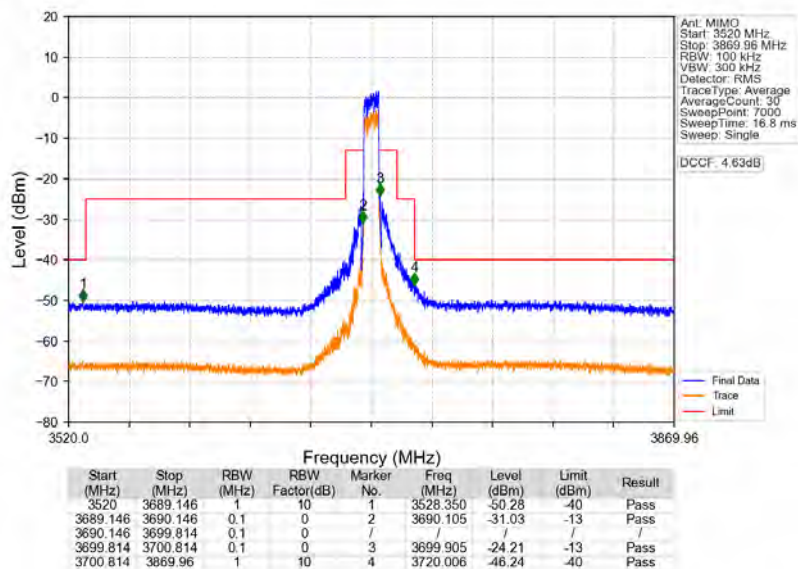
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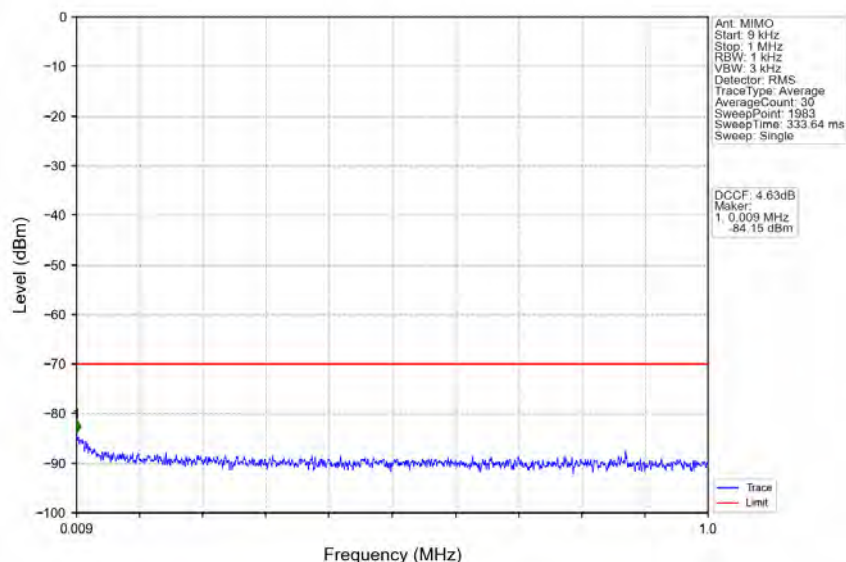
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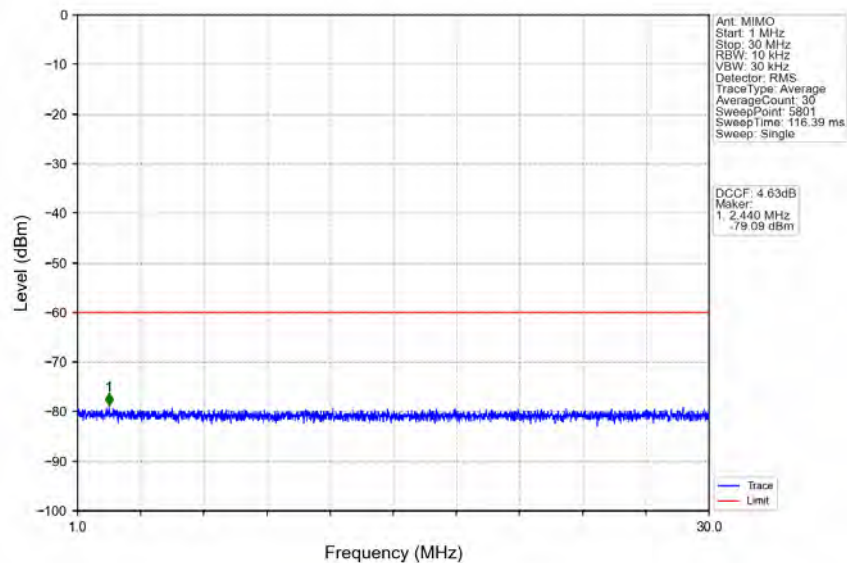
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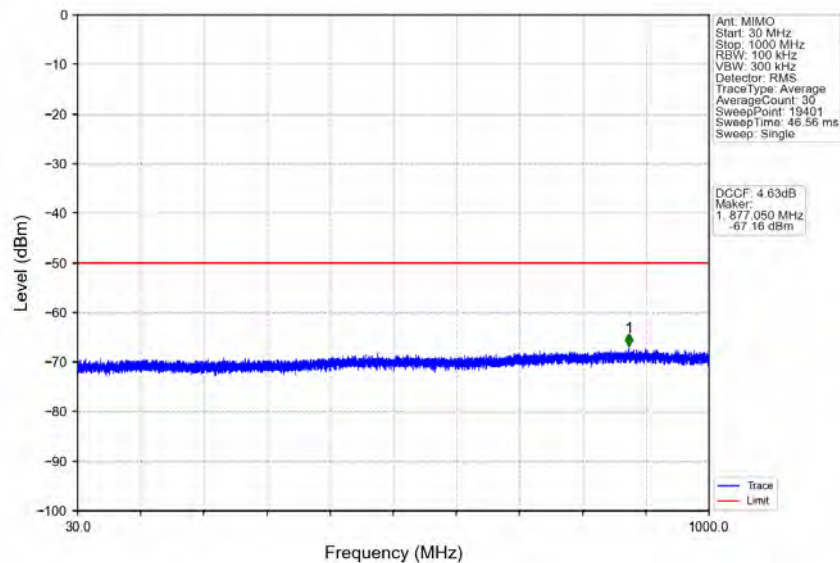
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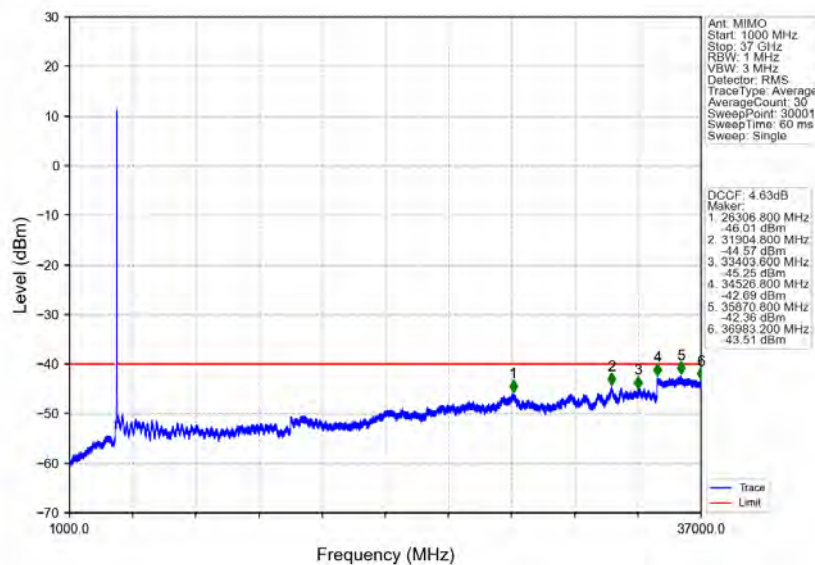
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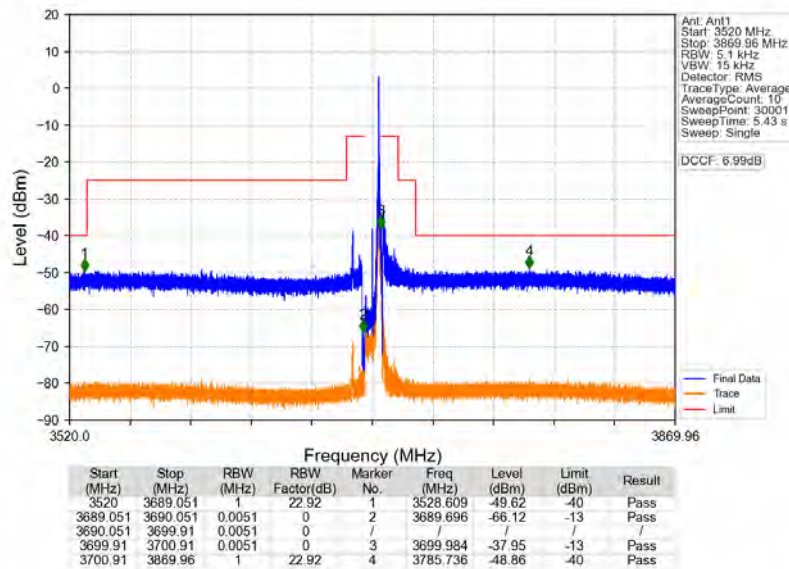
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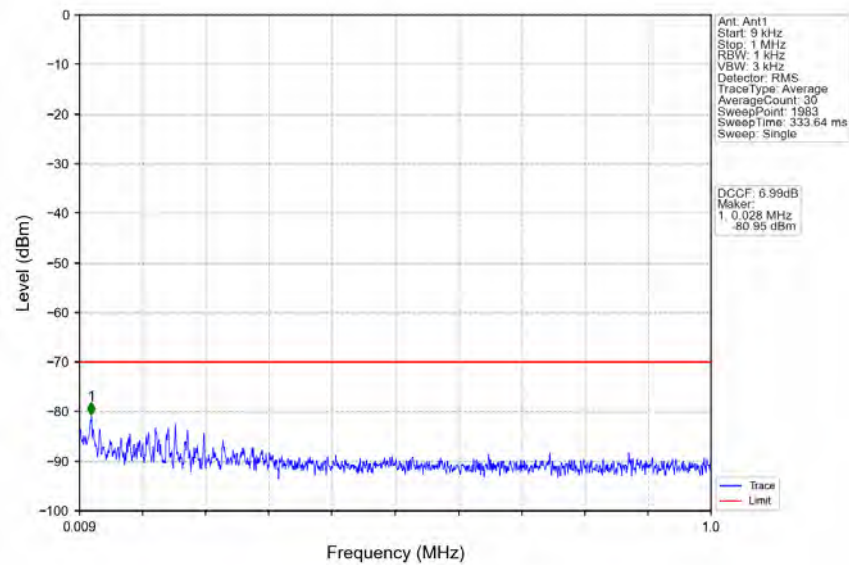


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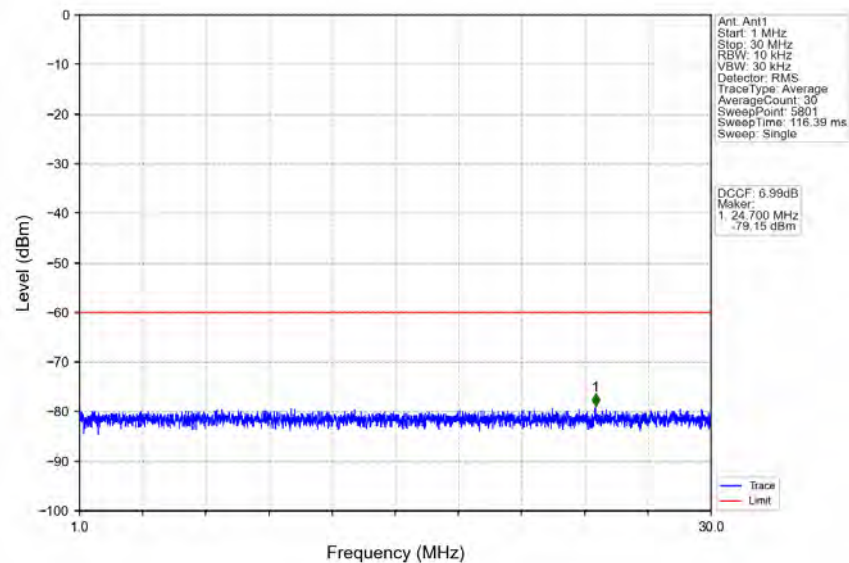
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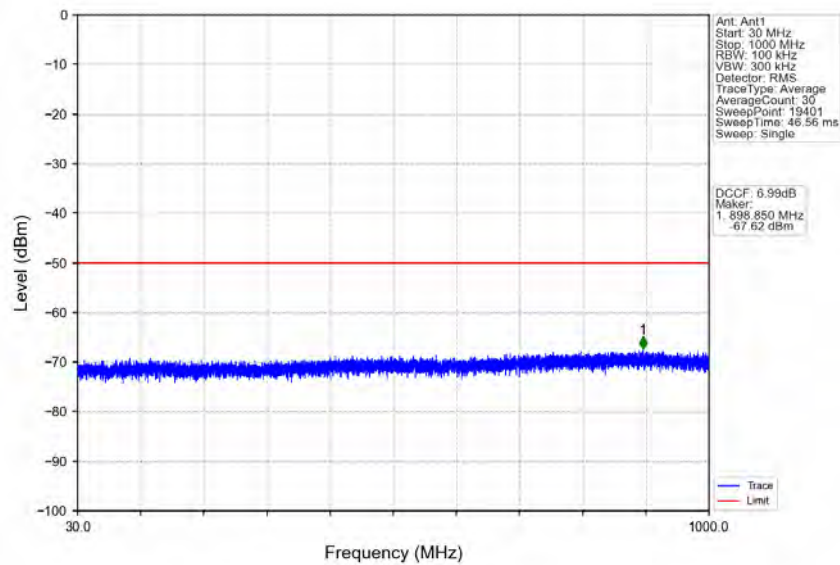
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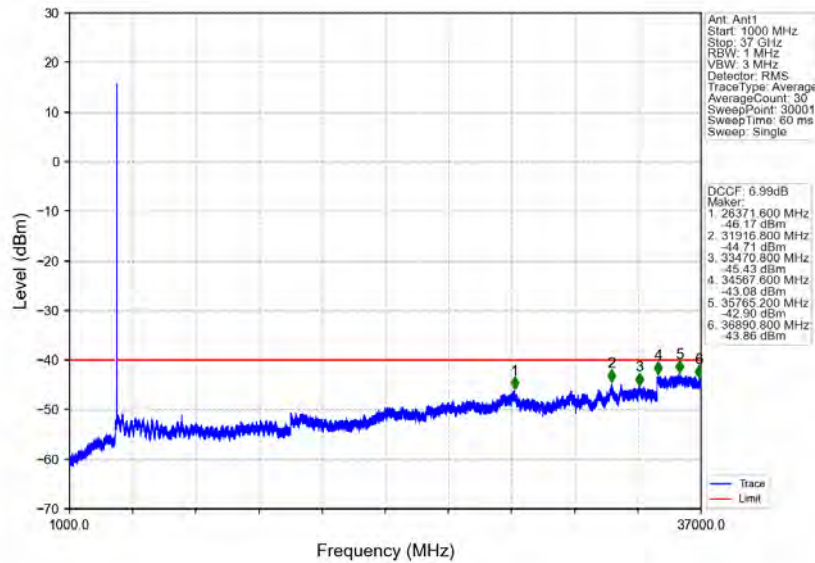
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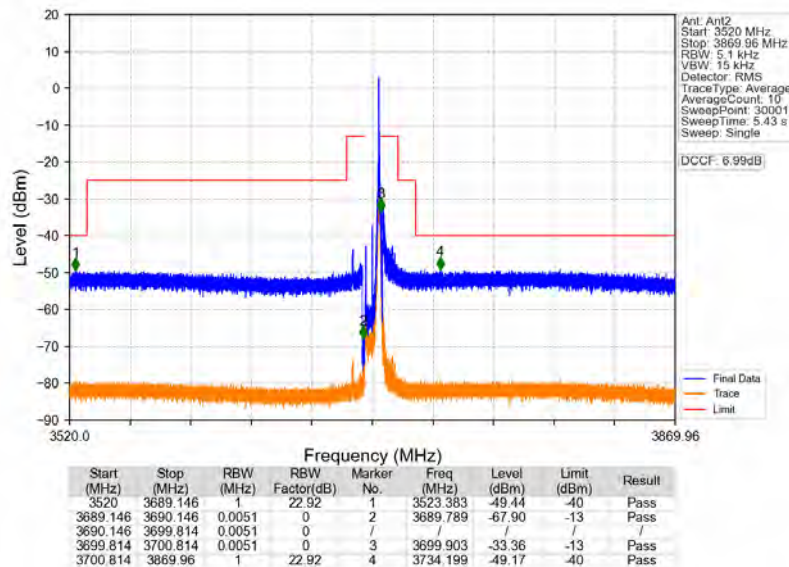
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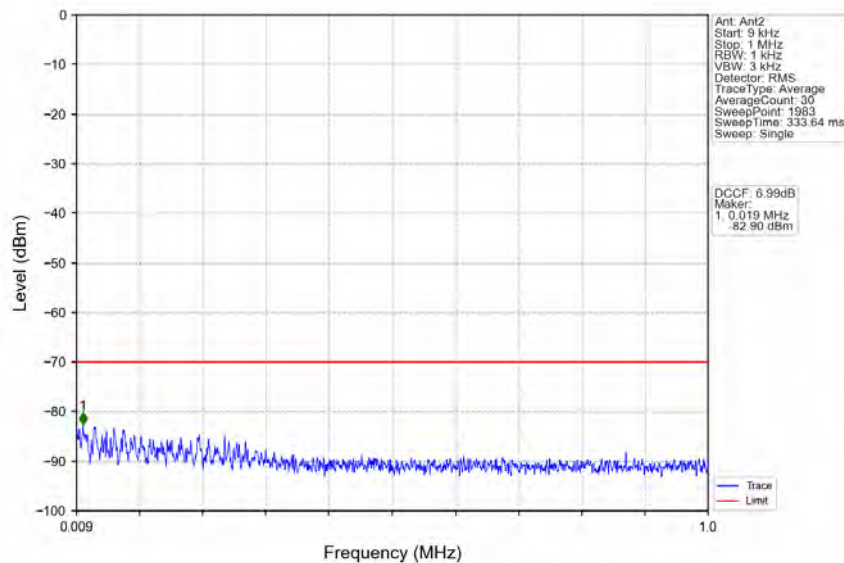
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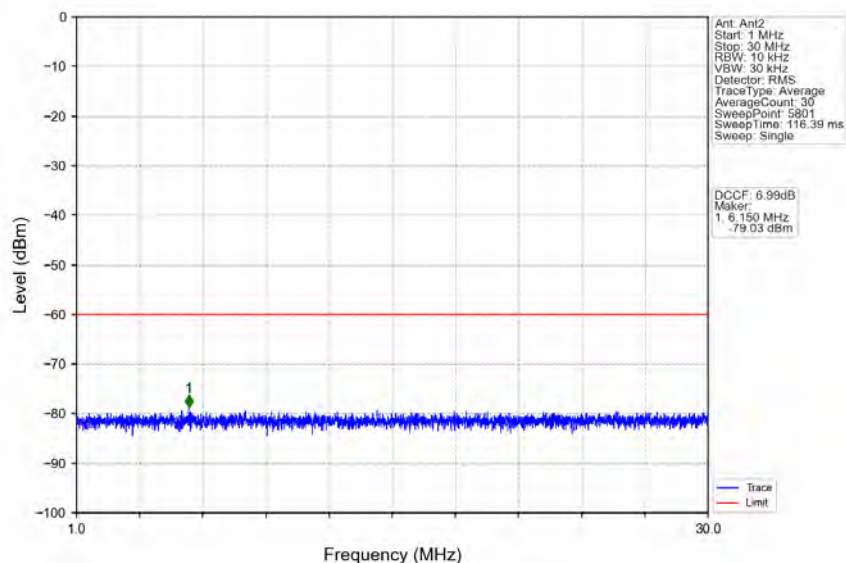
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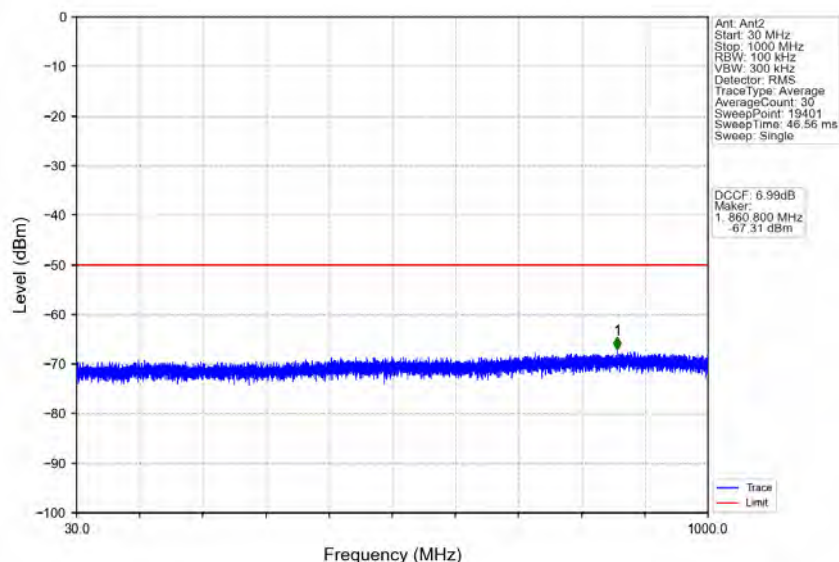
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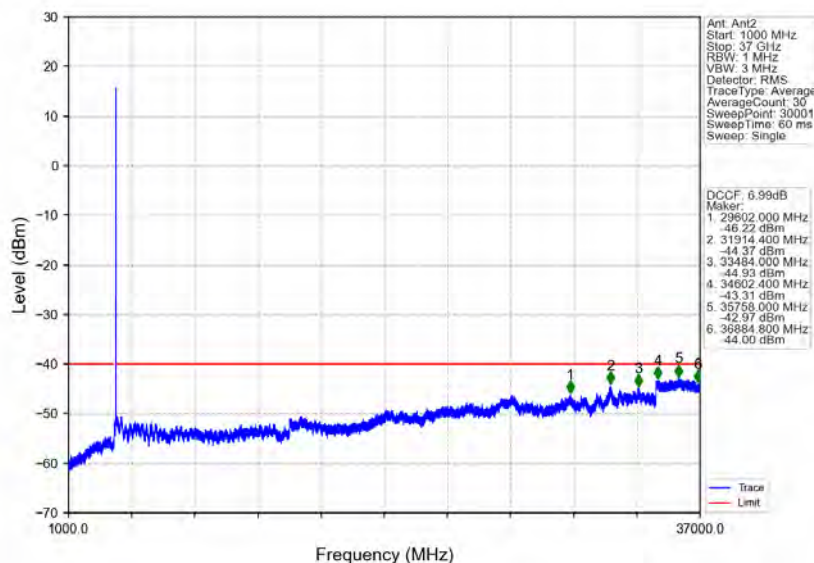
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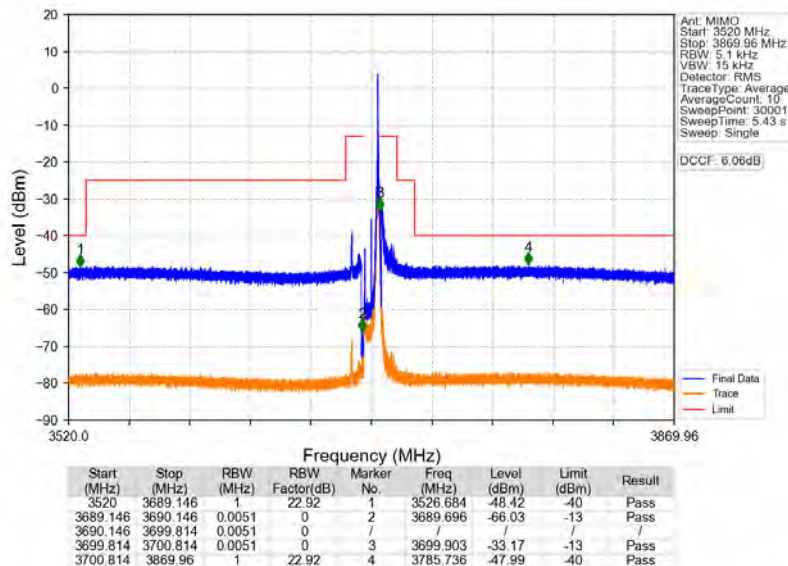
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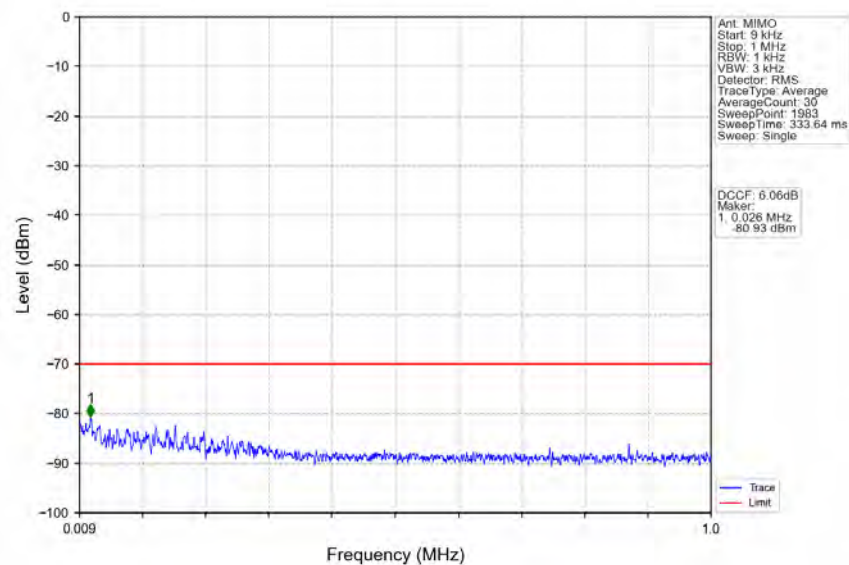
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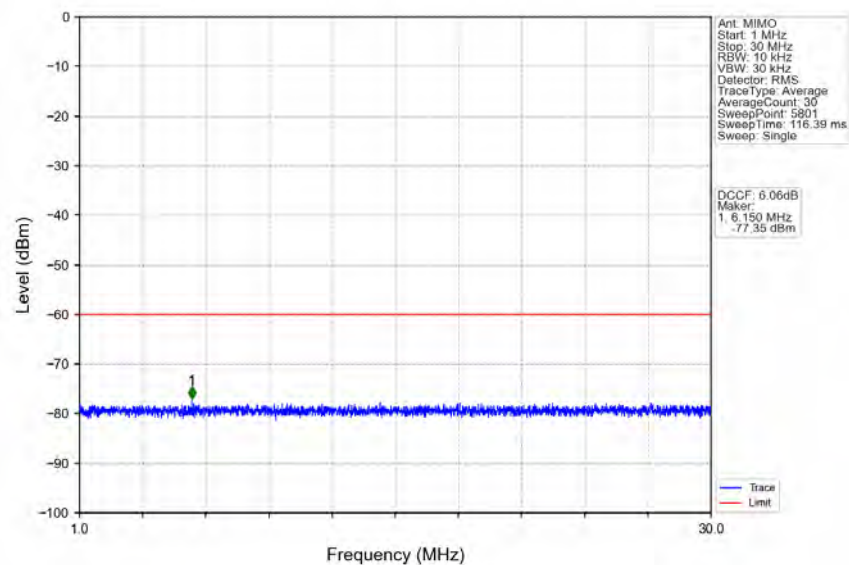
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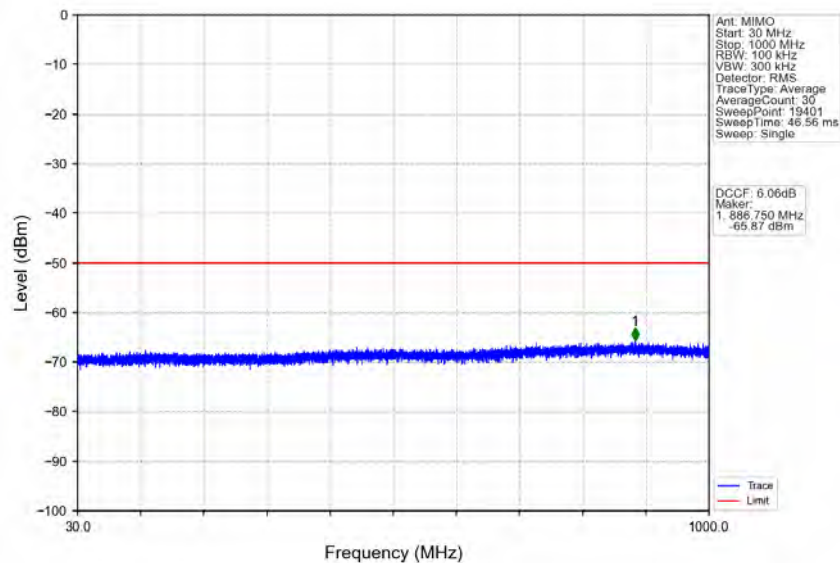
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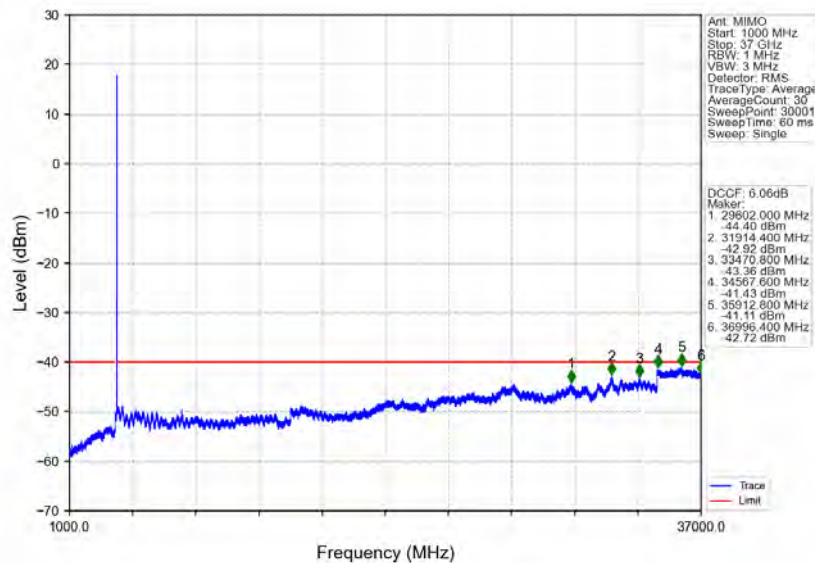
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6.2 30k_MIMO_15MHz_NTNV

6.2.1 Test Result

5G NR n78d SCS=30kHz MIMO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3557.52	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3692.49	Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass



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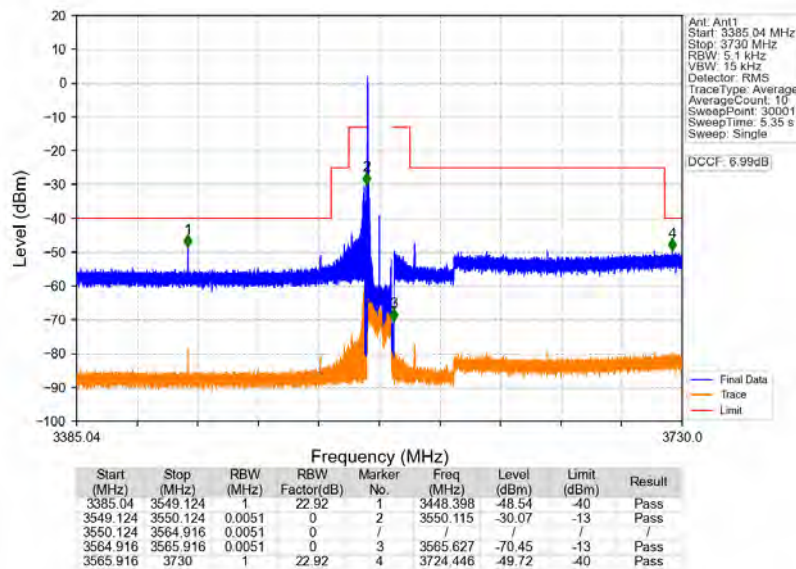
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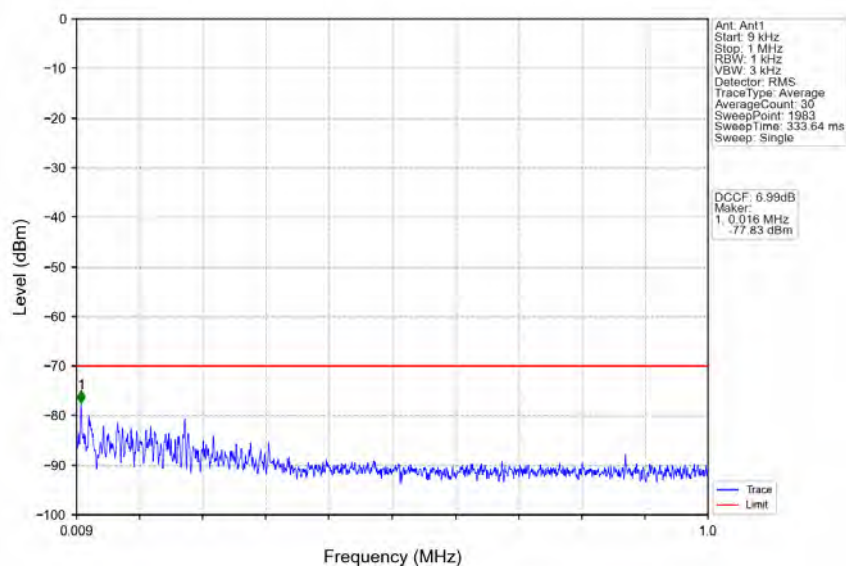
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6.2.2 Test Graph

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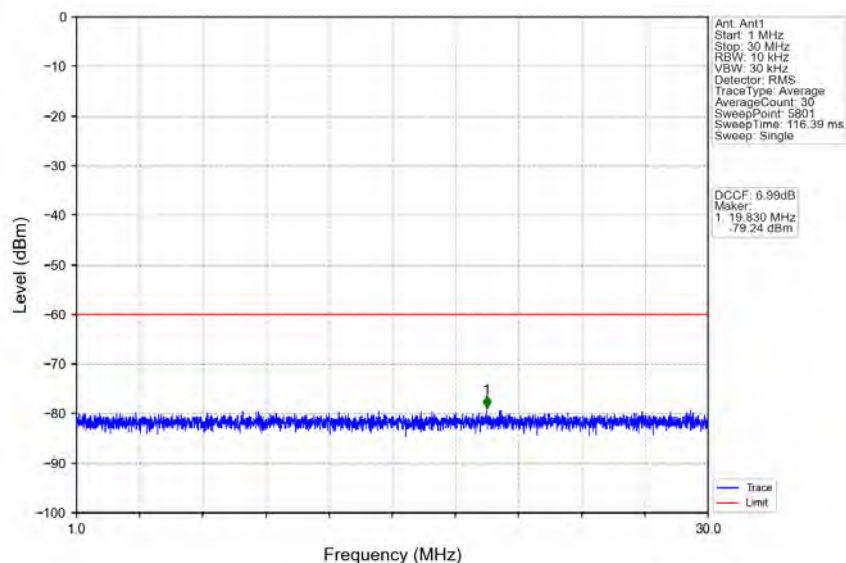
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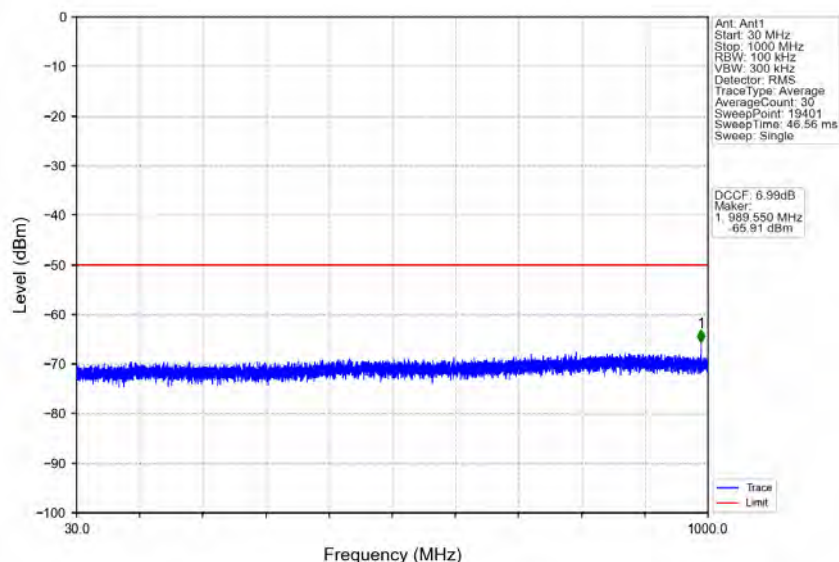
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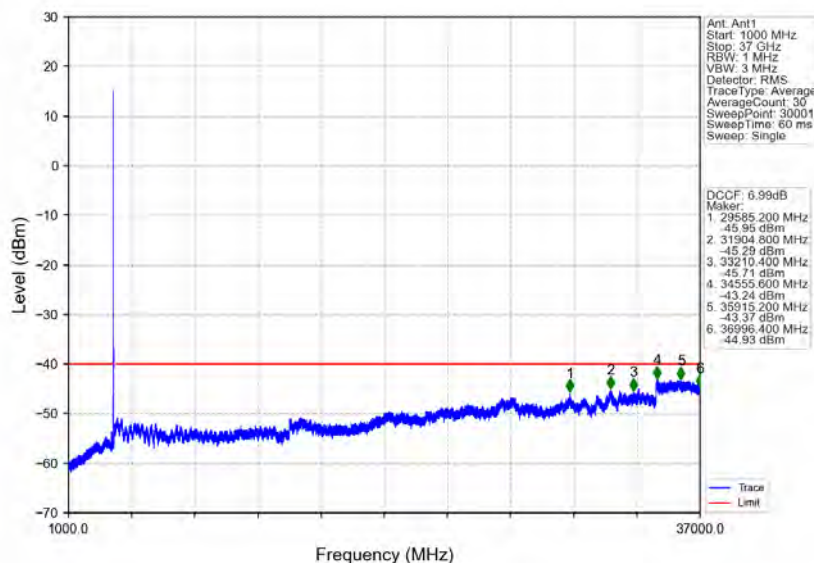
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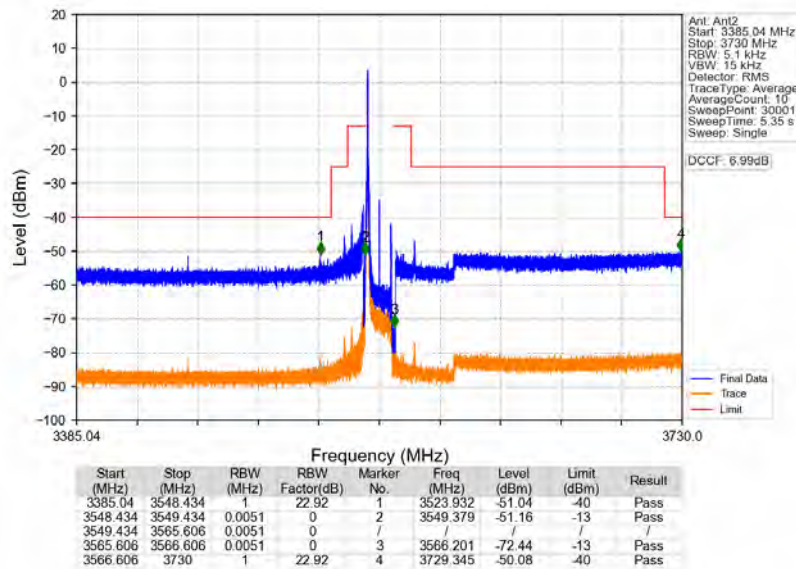
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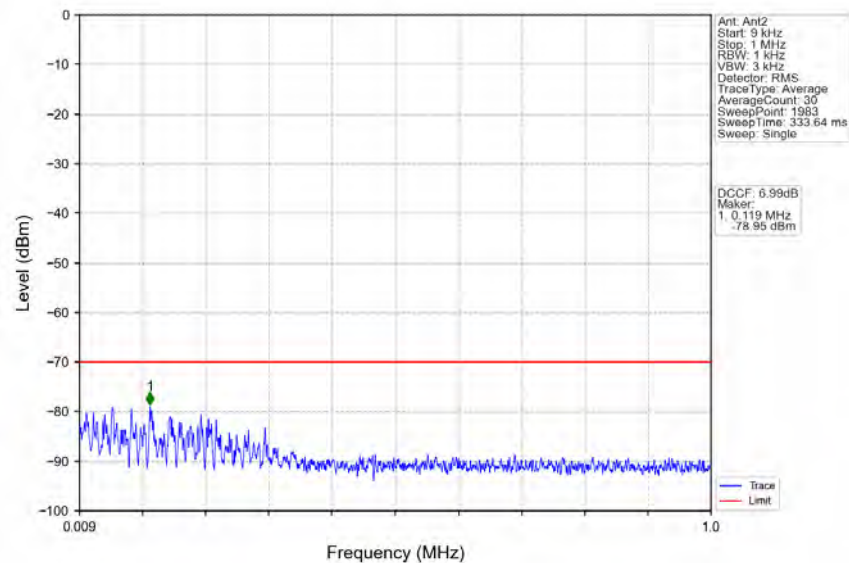
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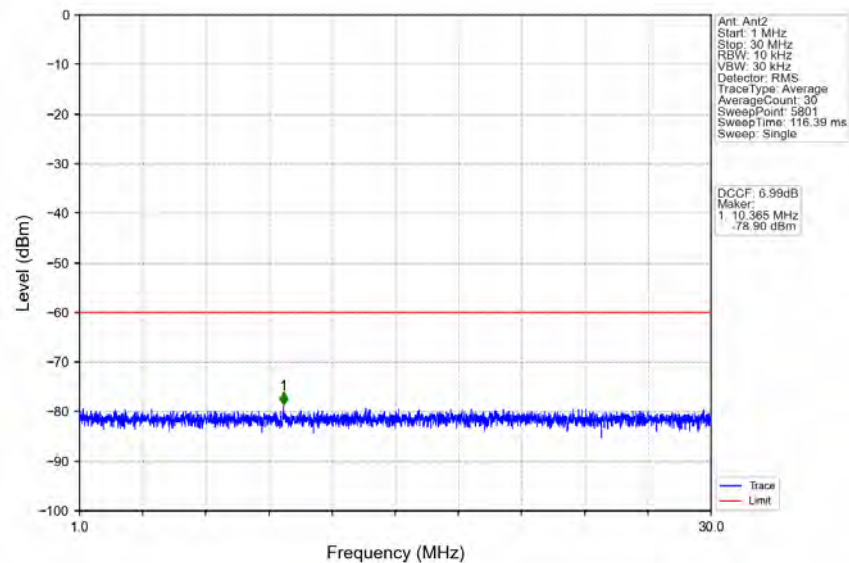
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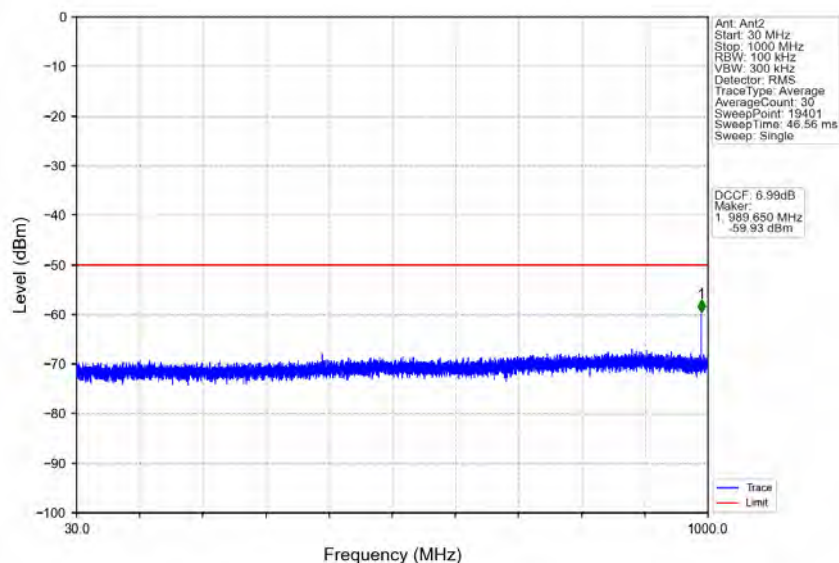
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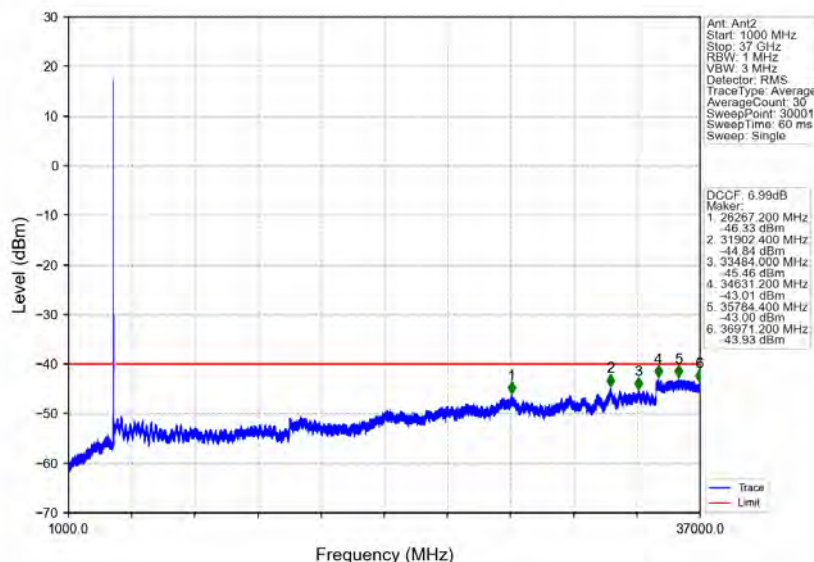
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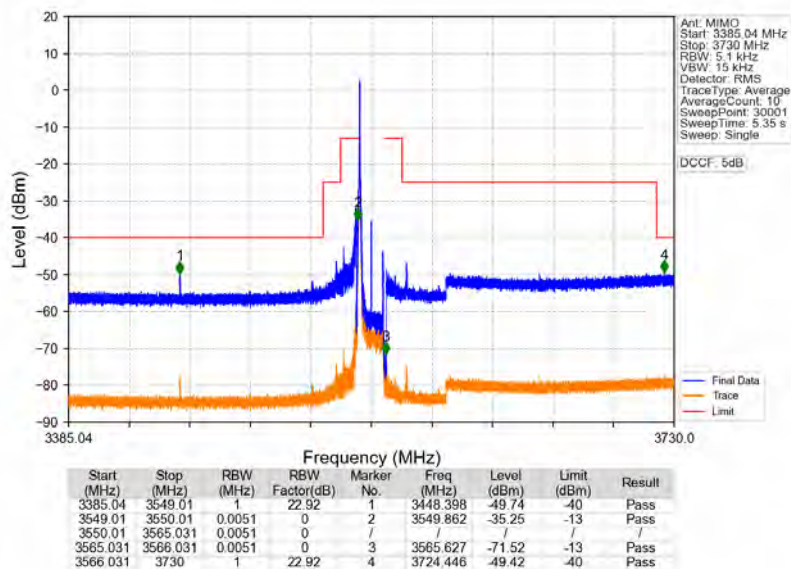
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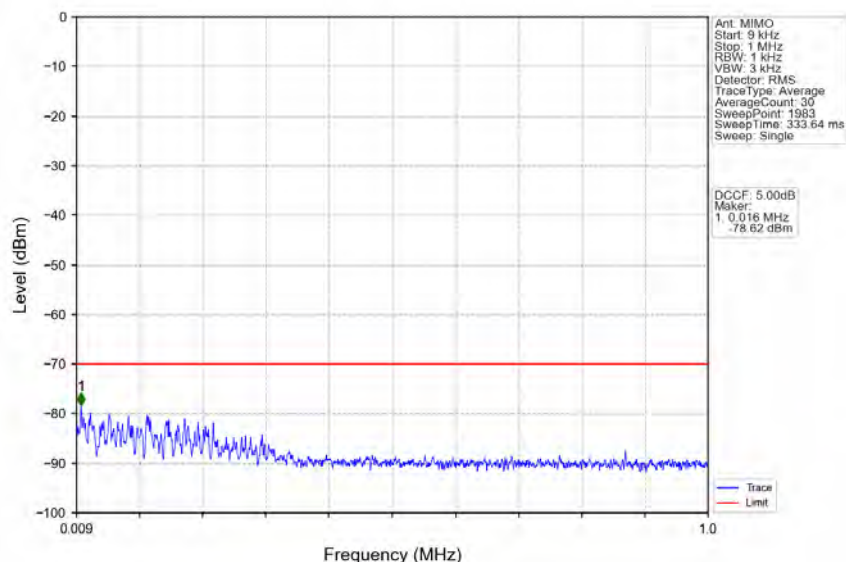
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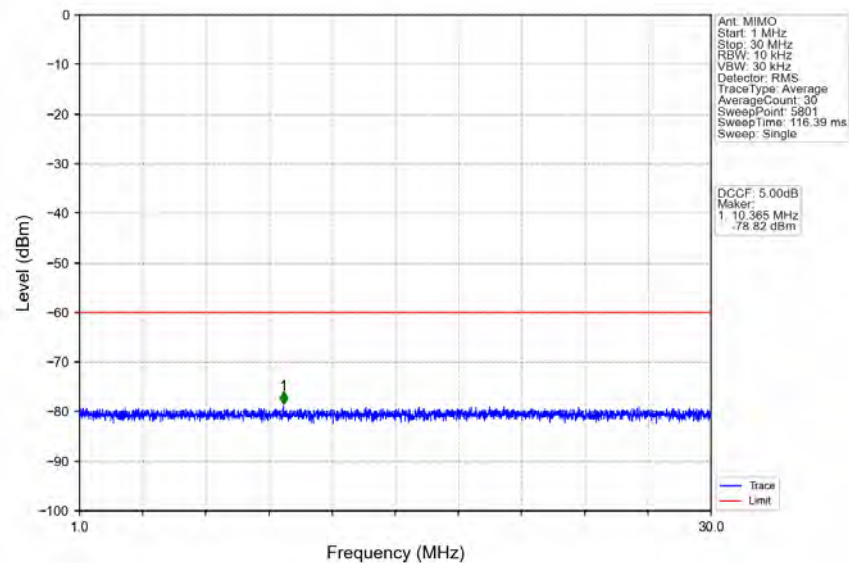
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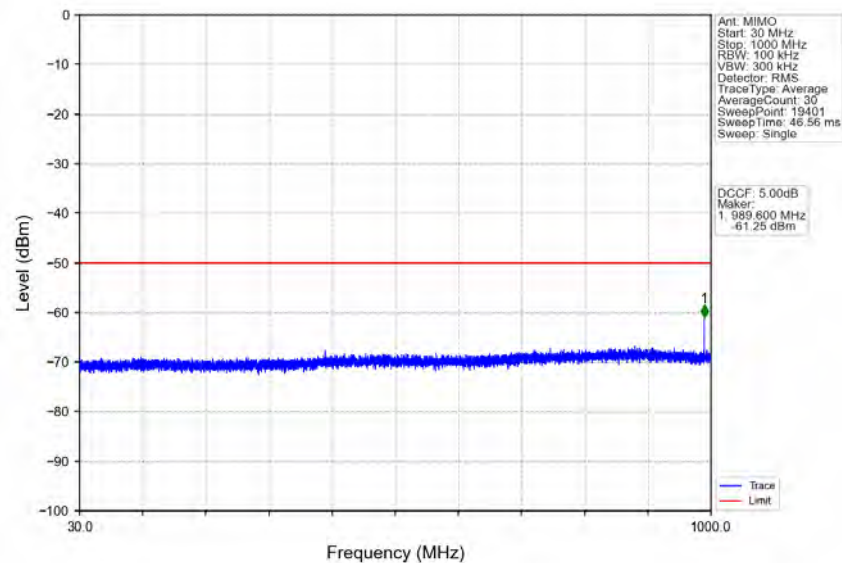
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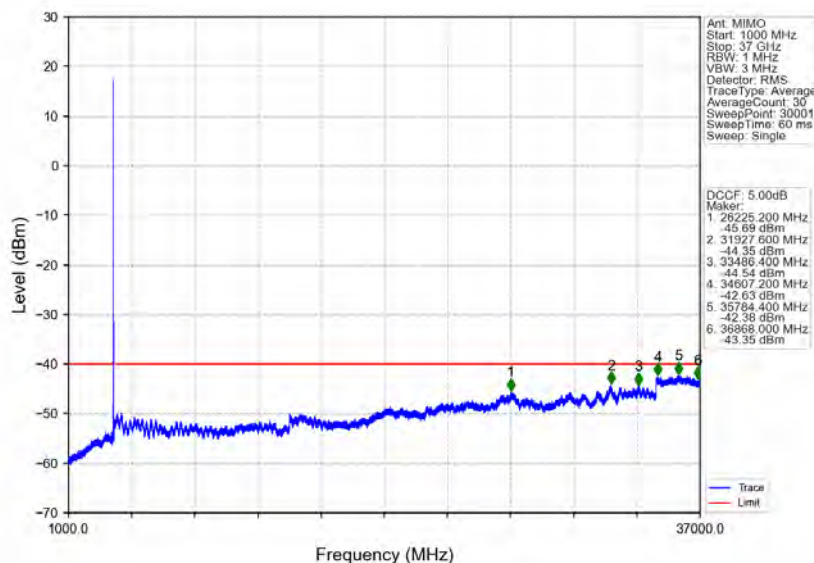
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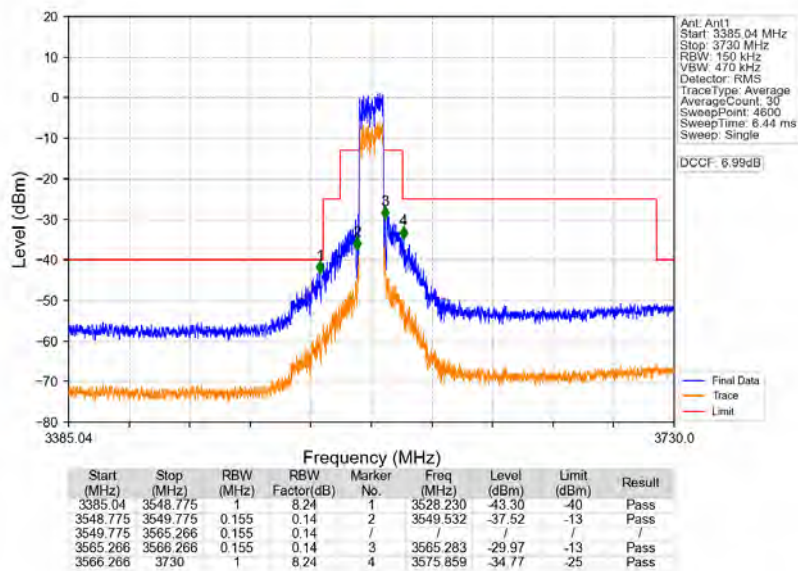
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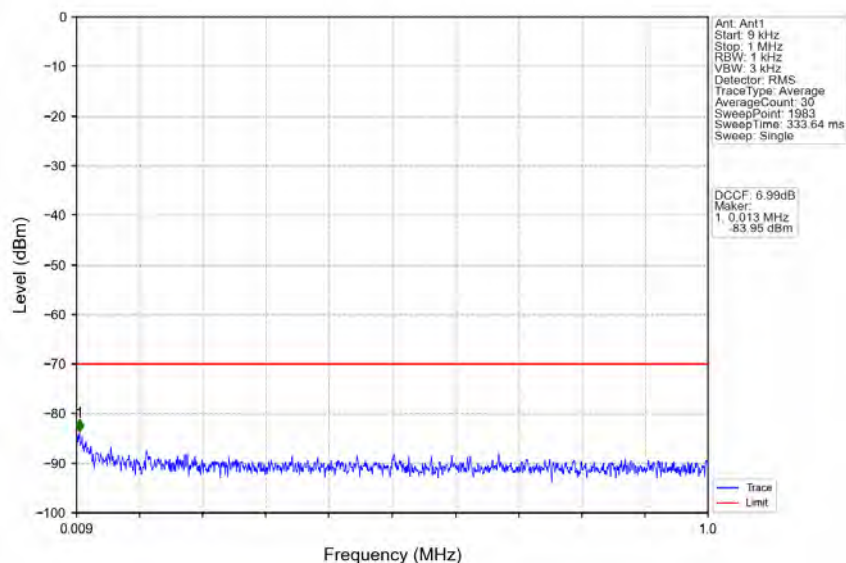
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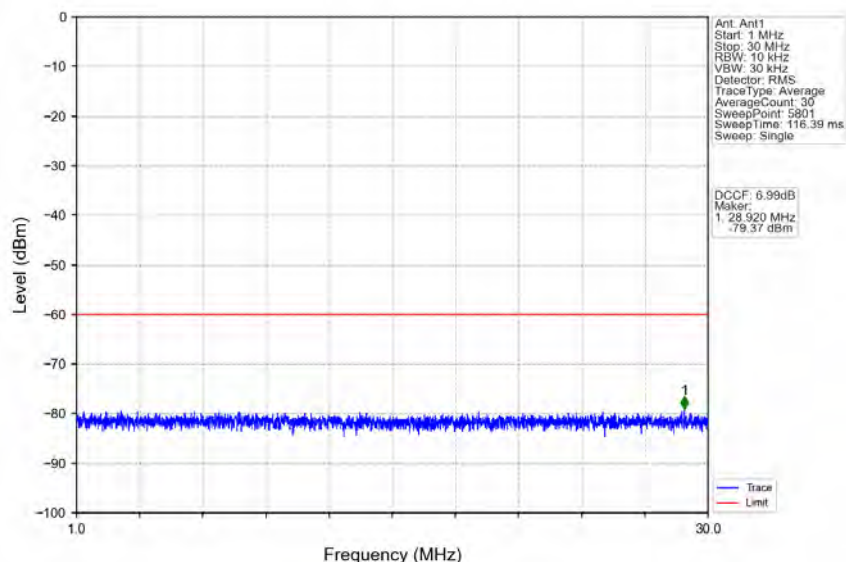
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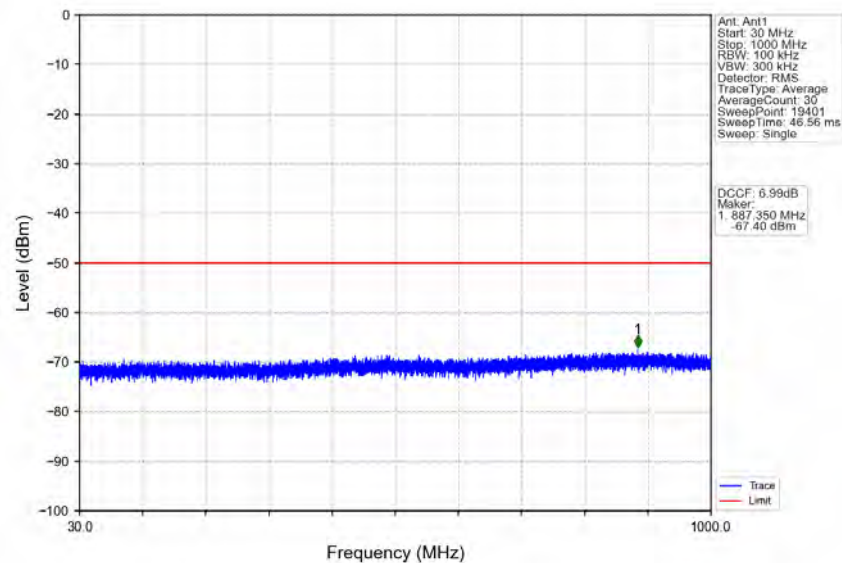
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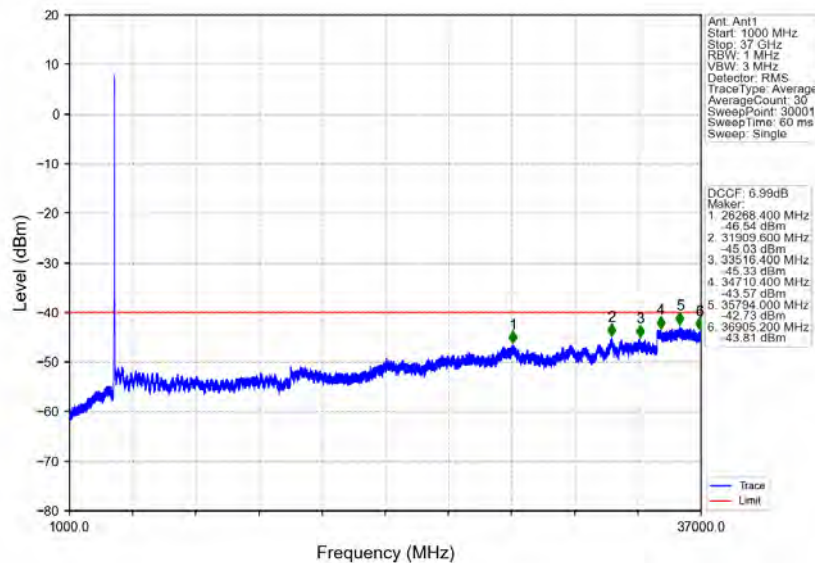
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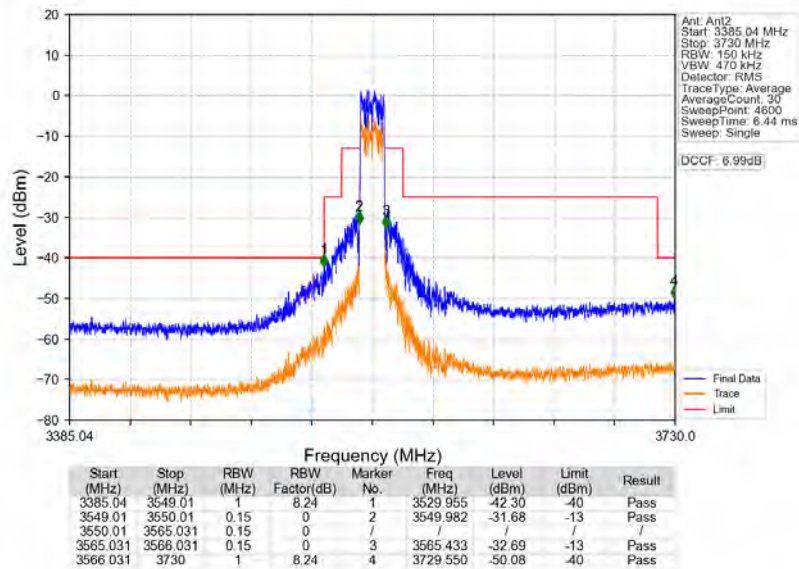
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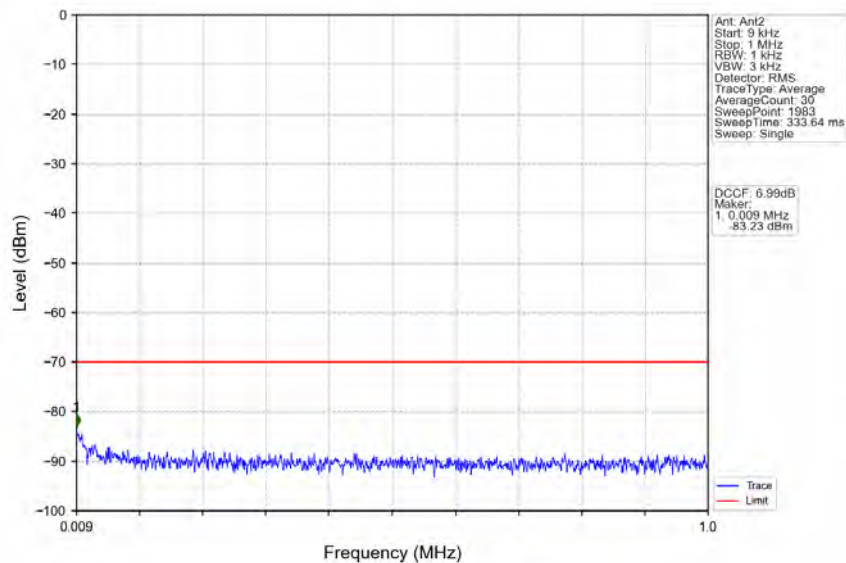
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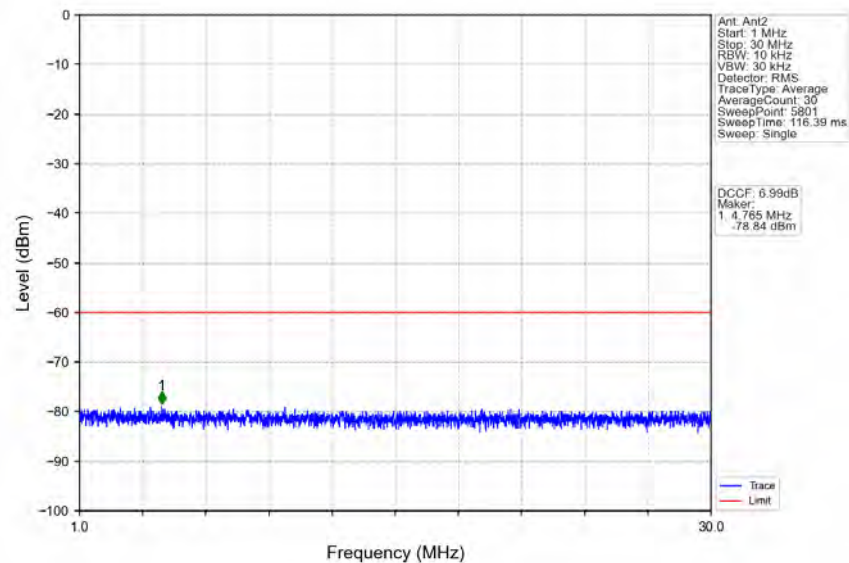
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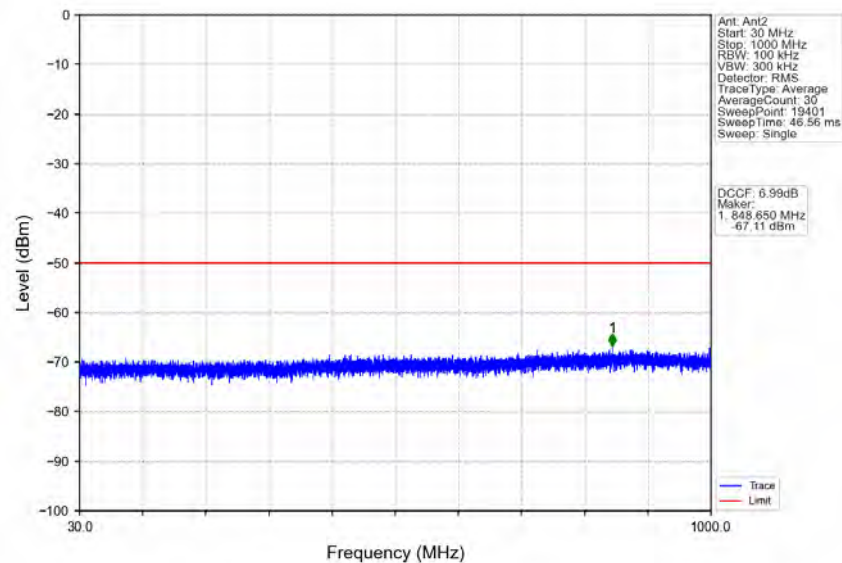
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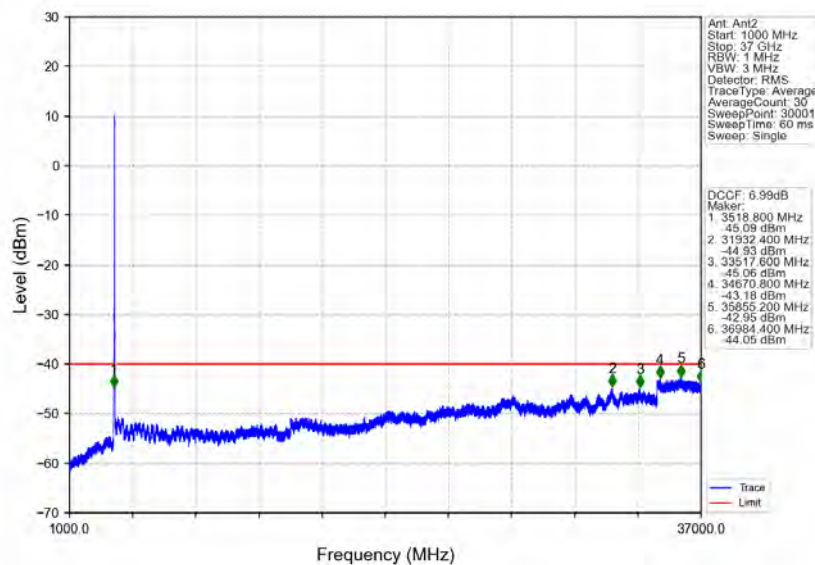
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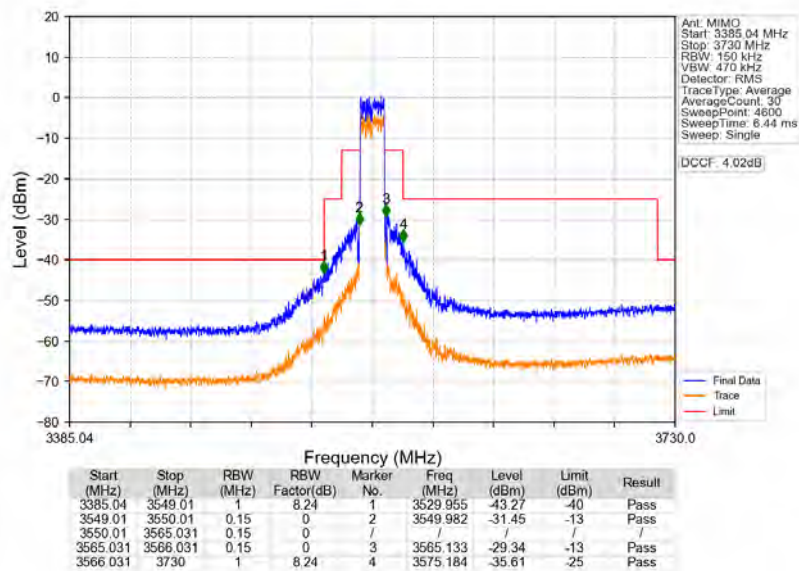
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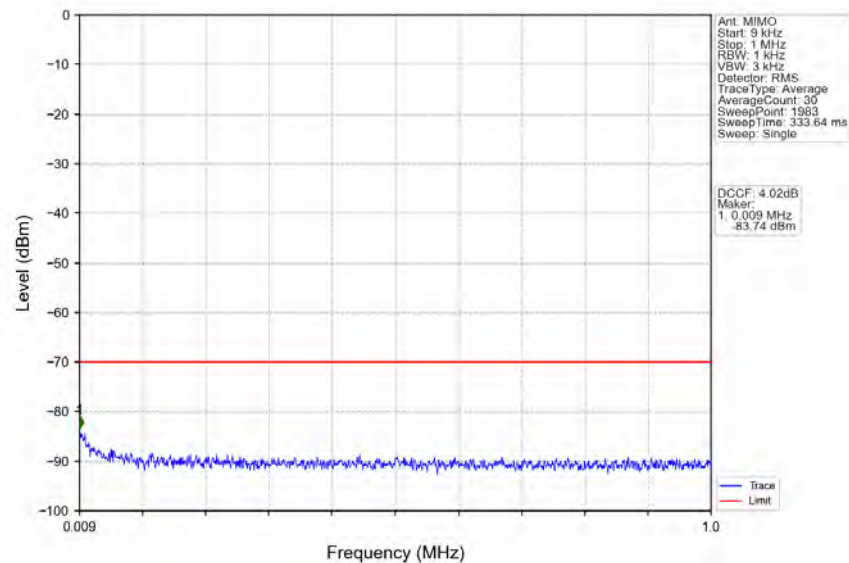


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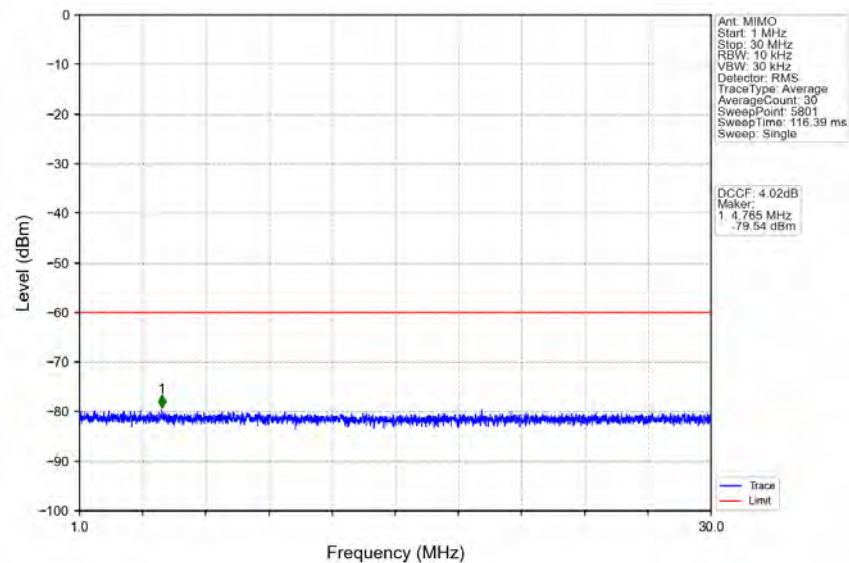
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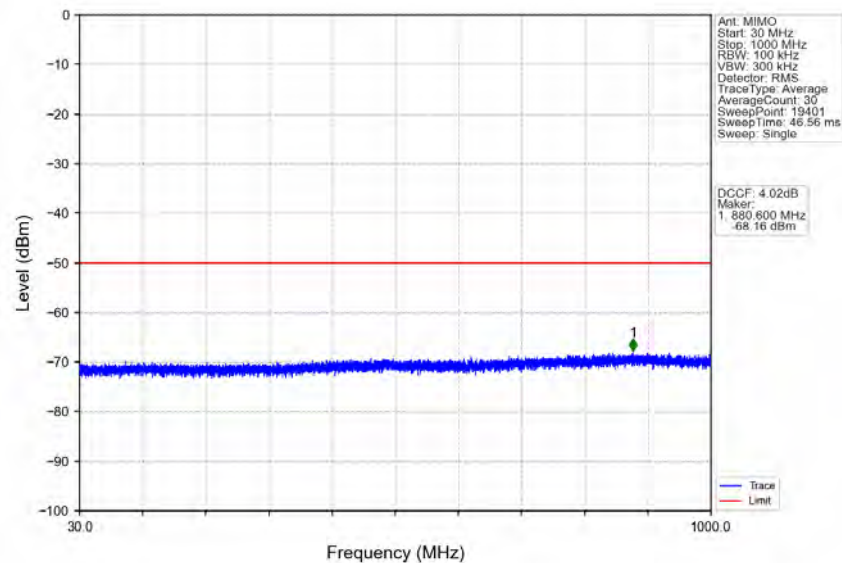
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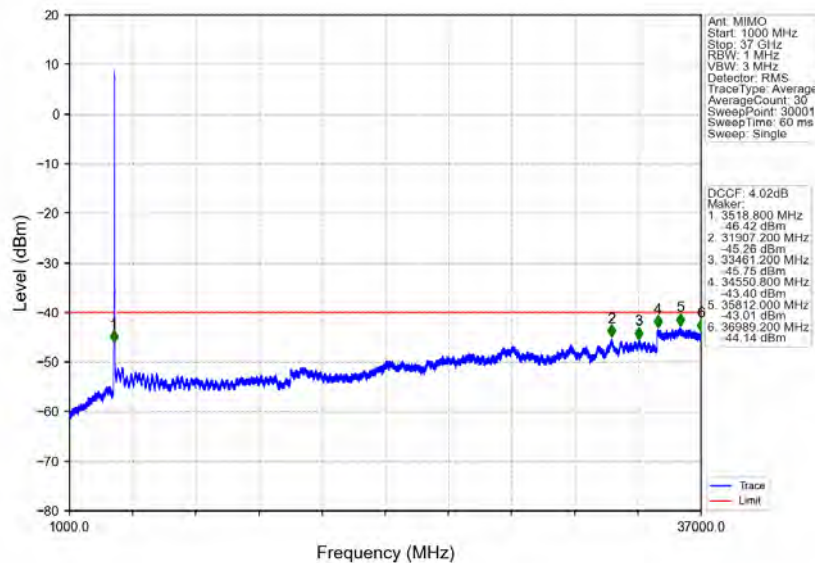
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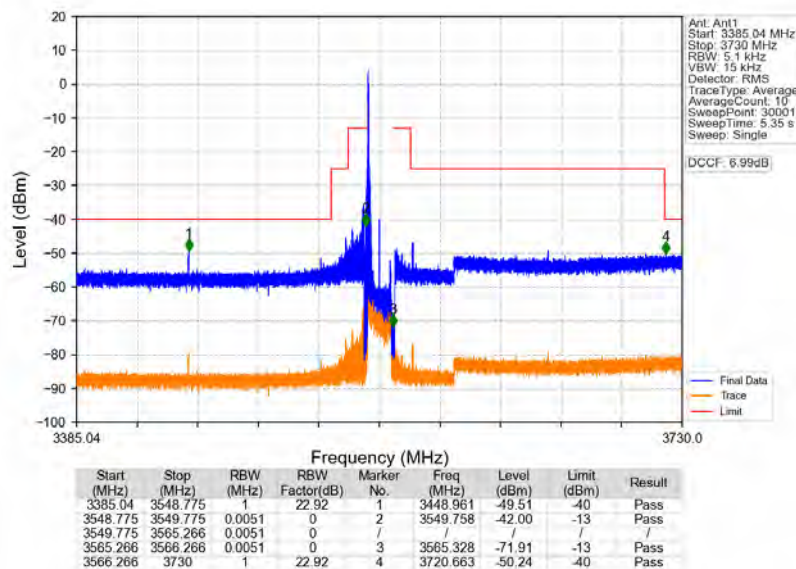
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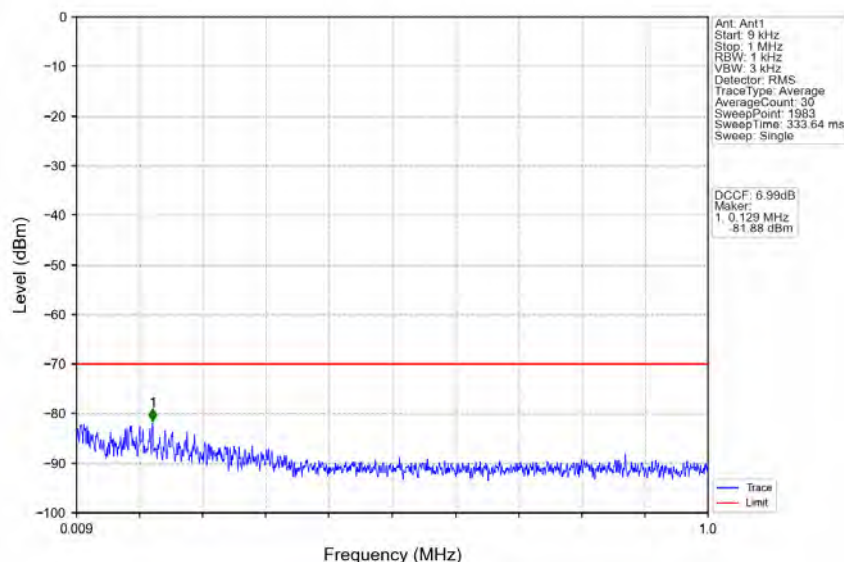
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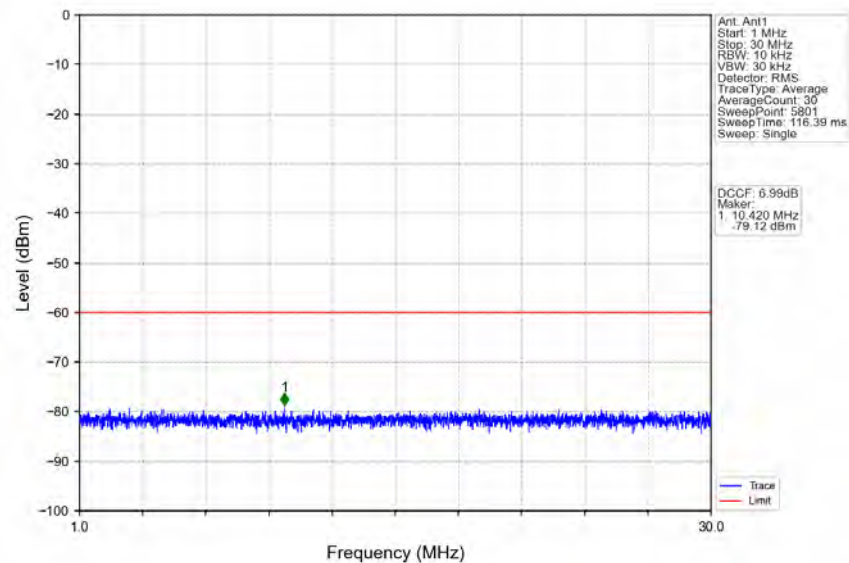
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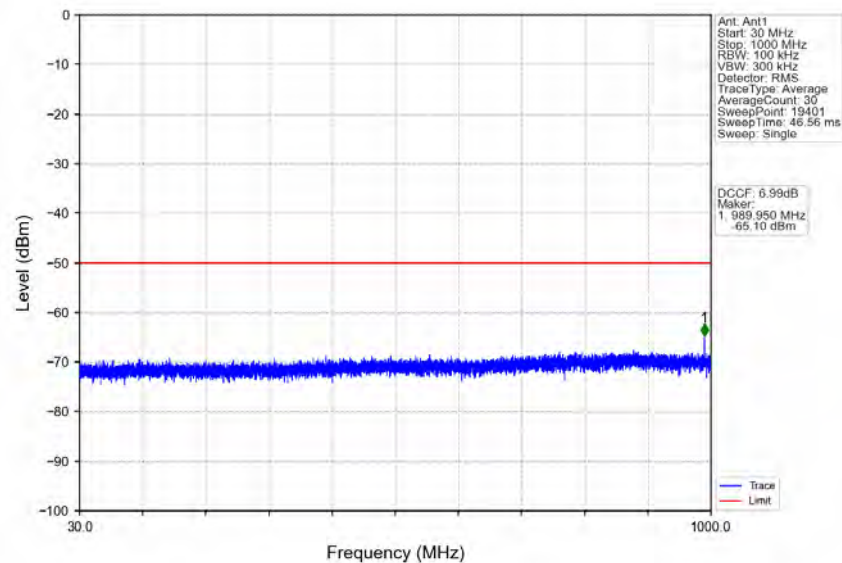
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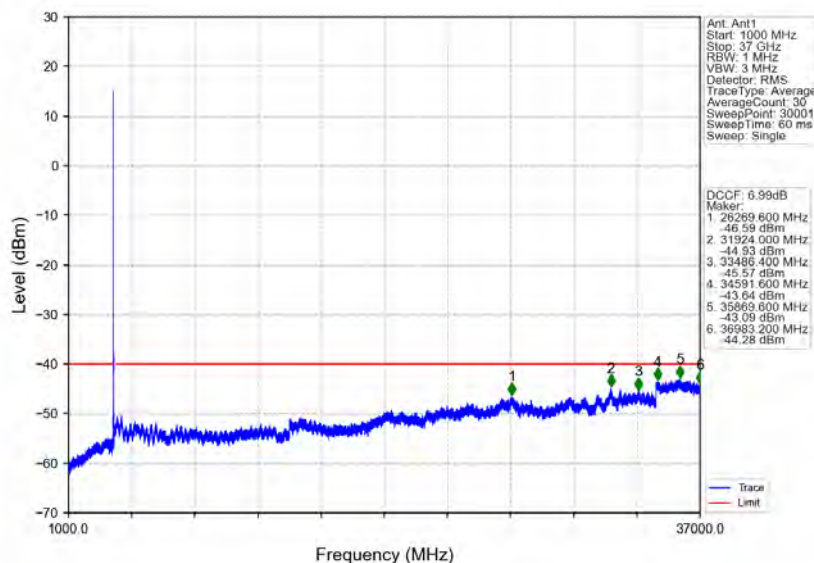
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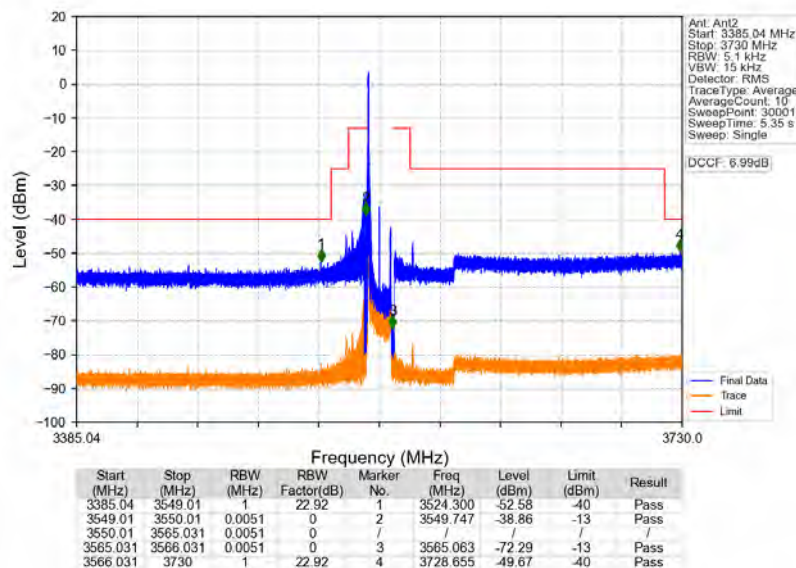
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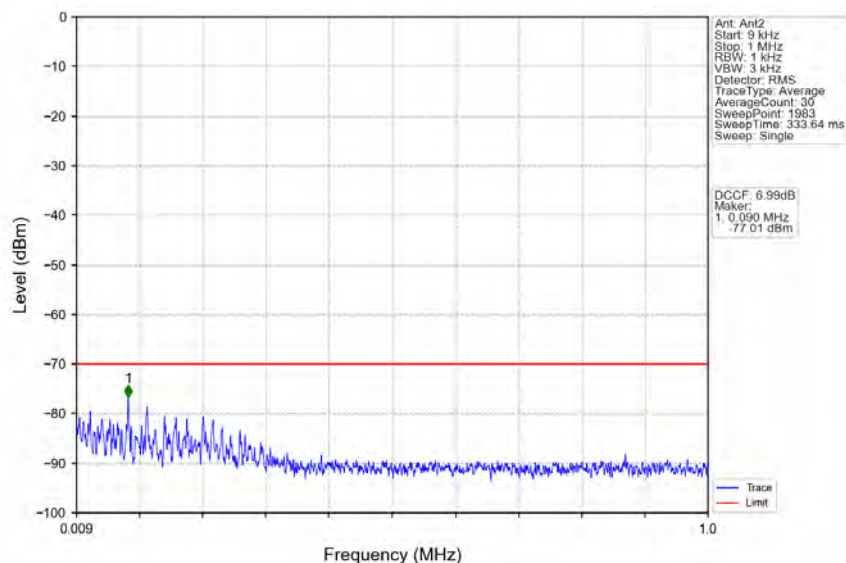
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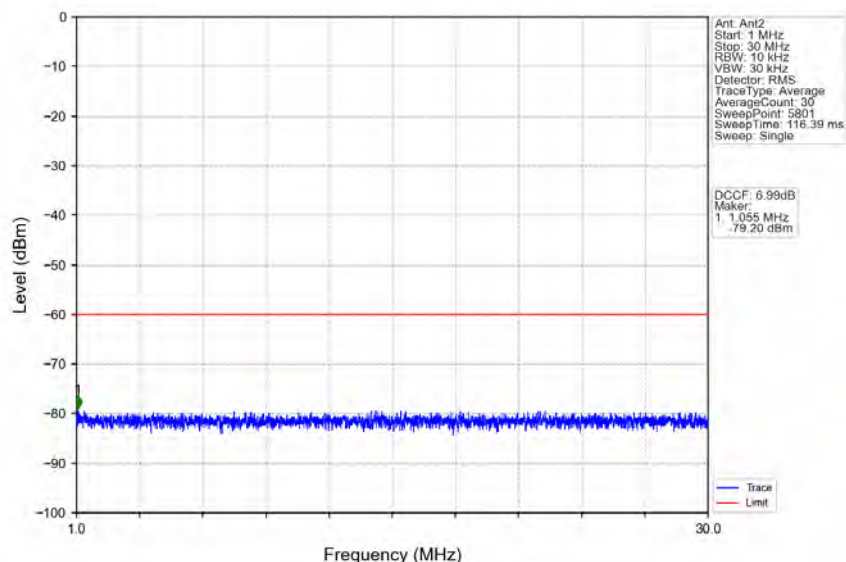
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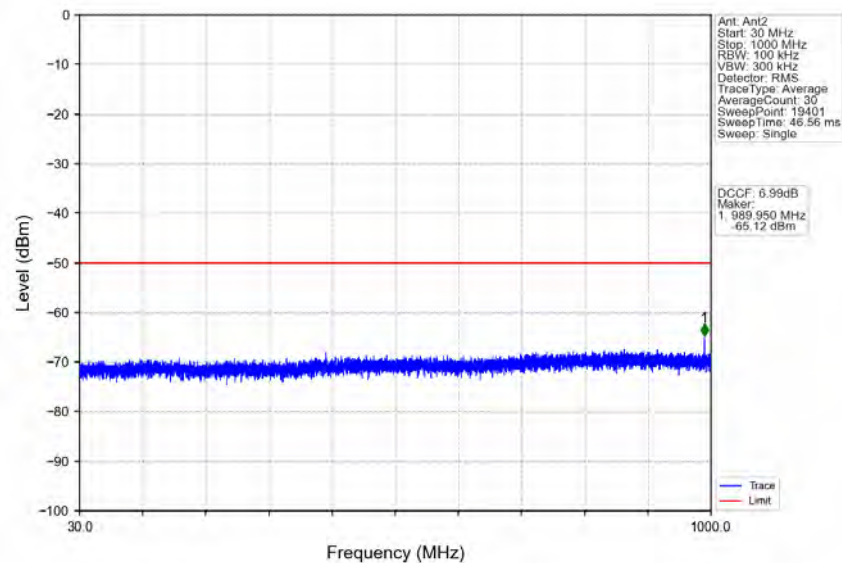
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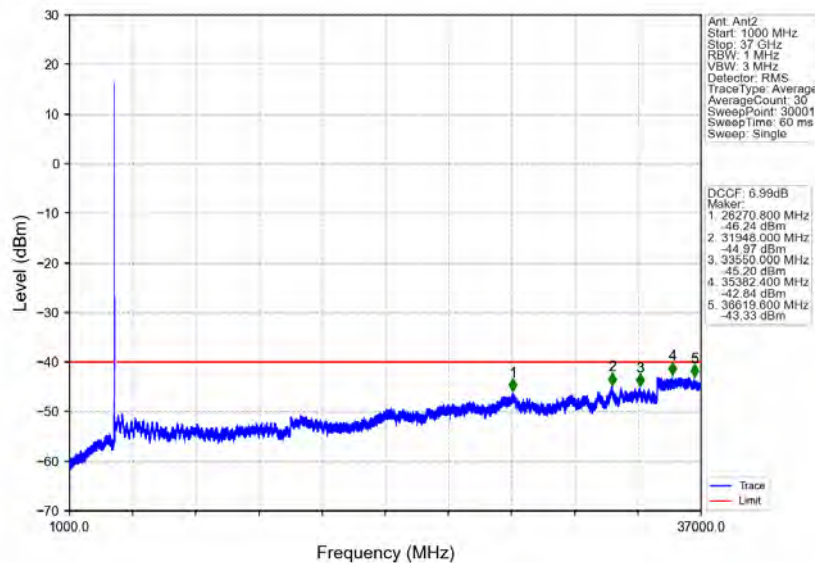
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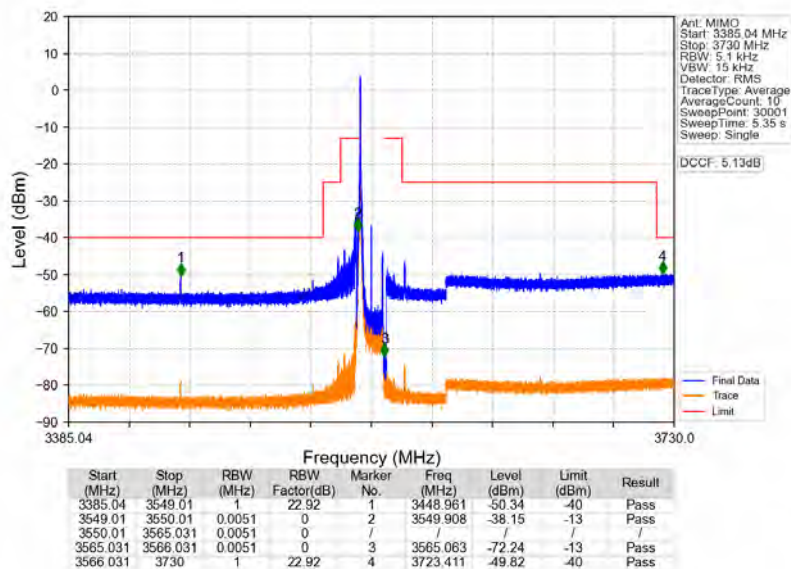
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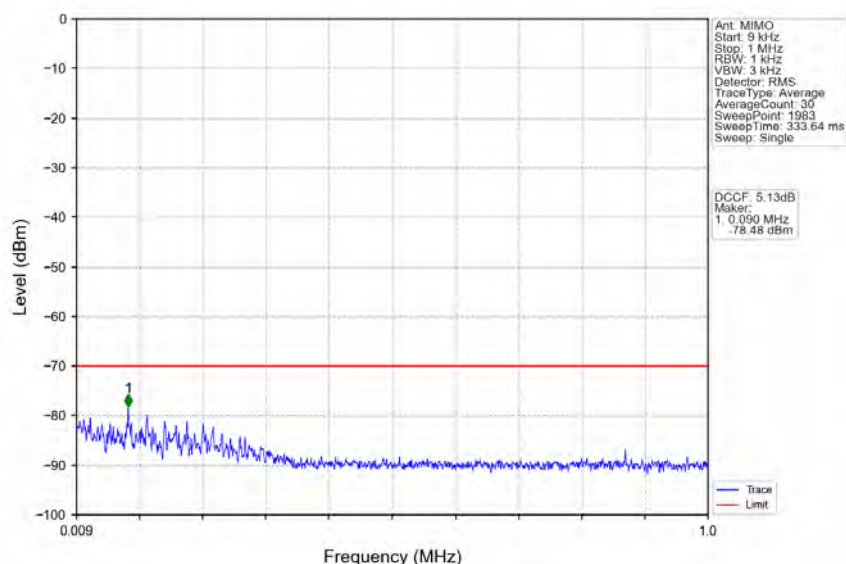
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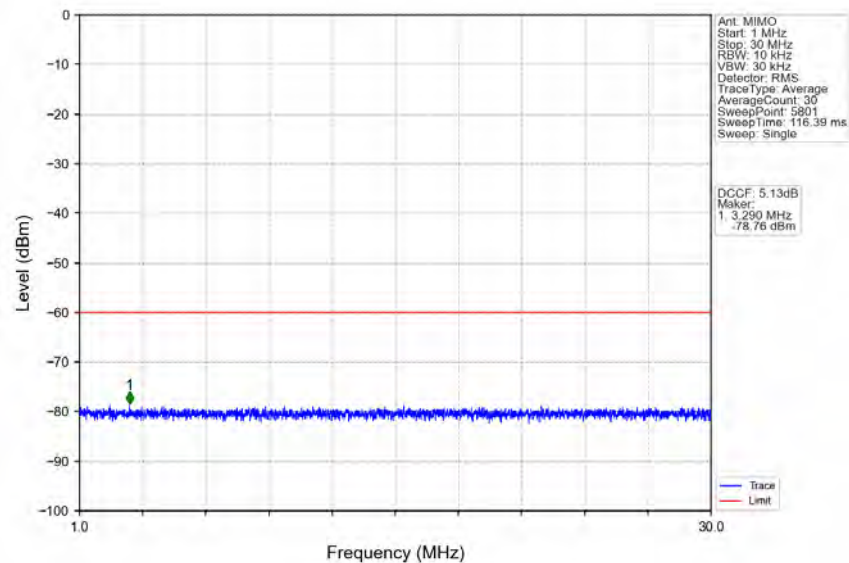
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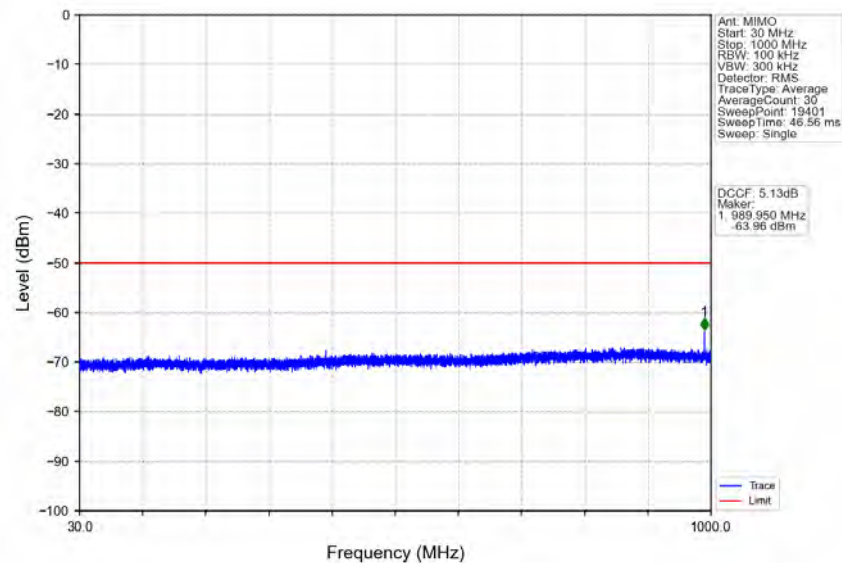
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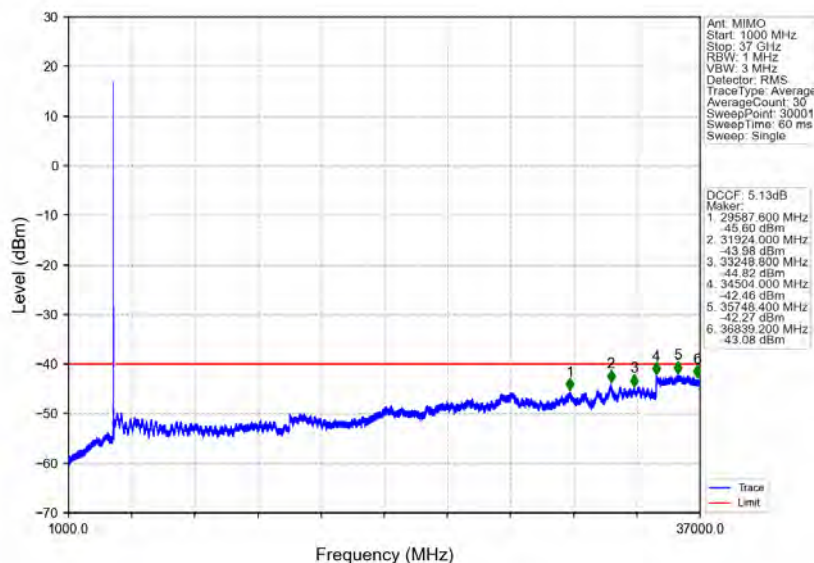
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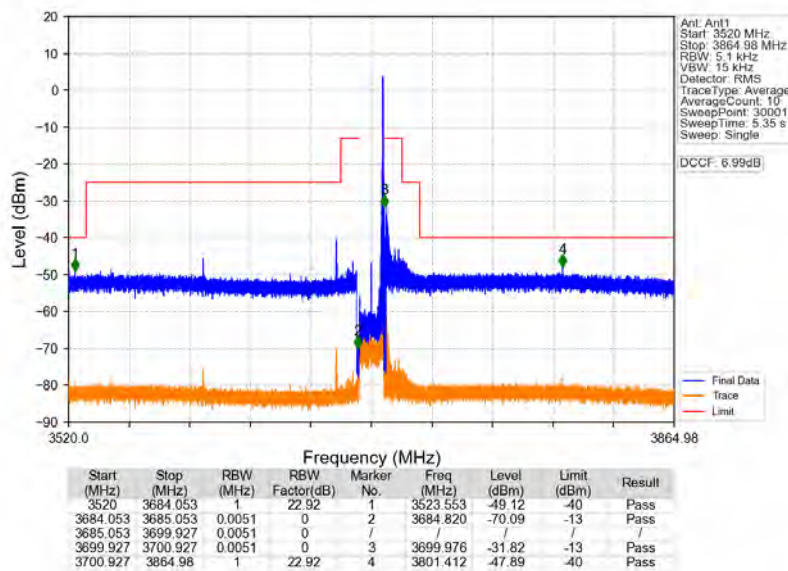
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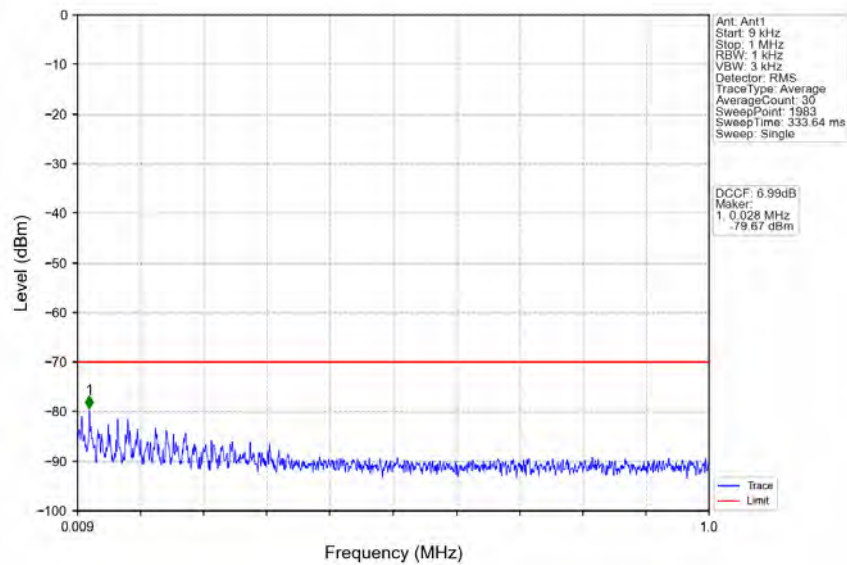
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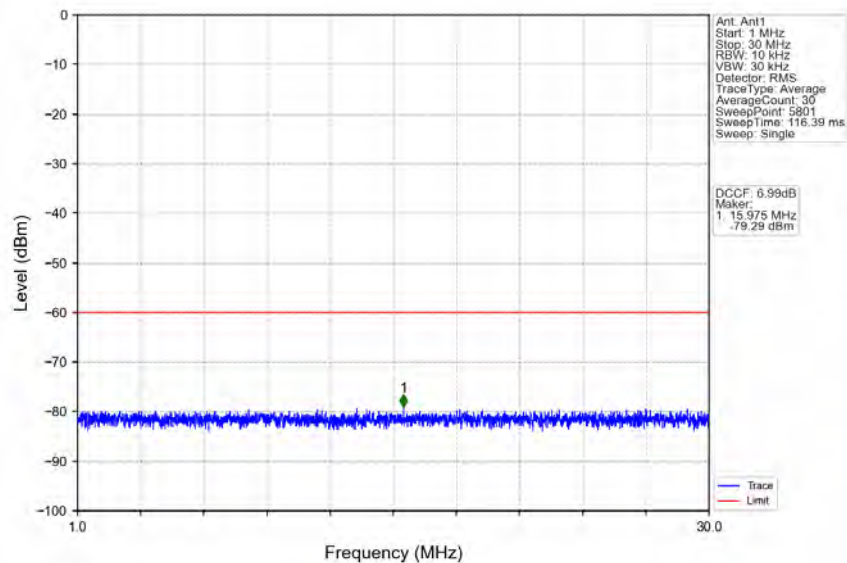
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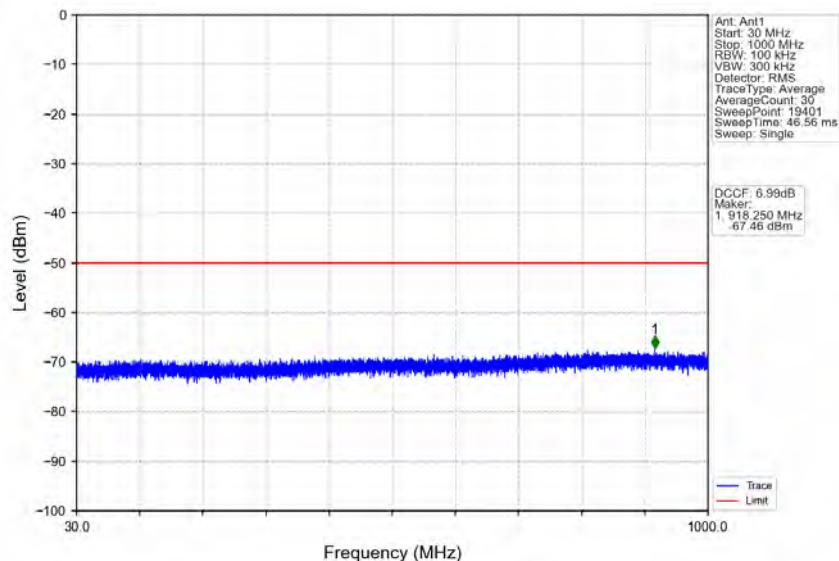
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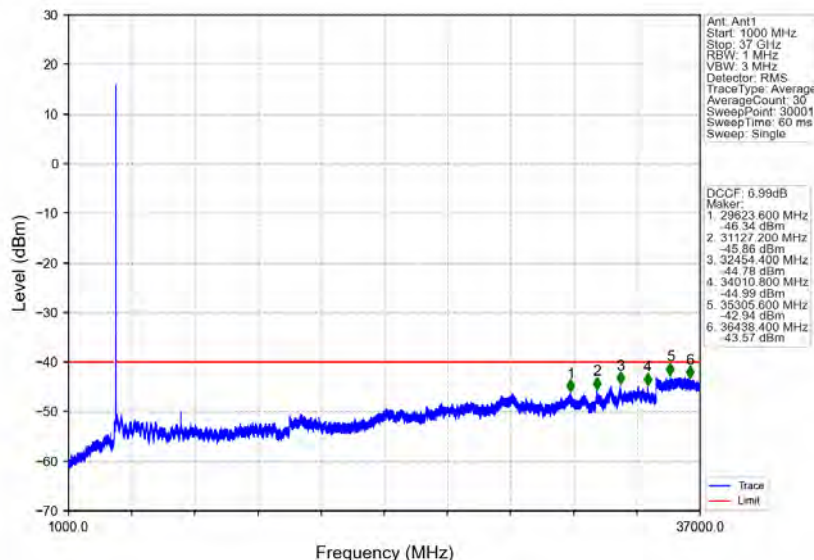
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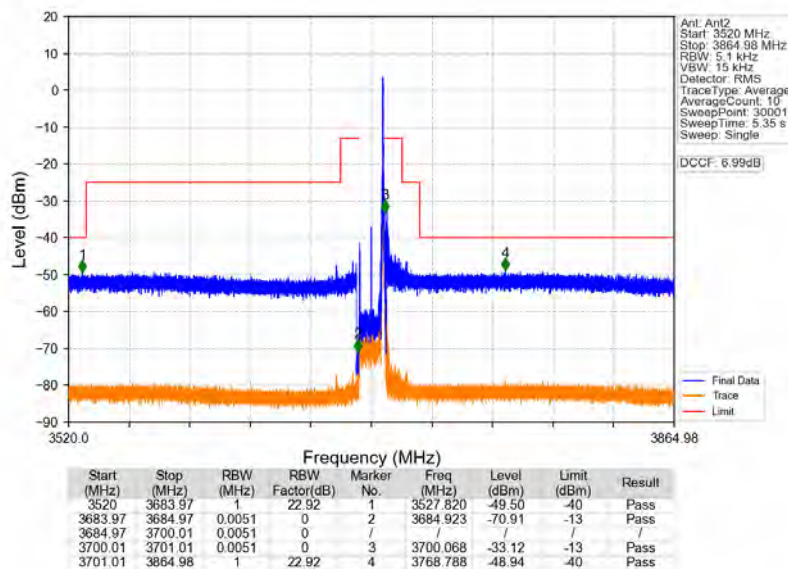
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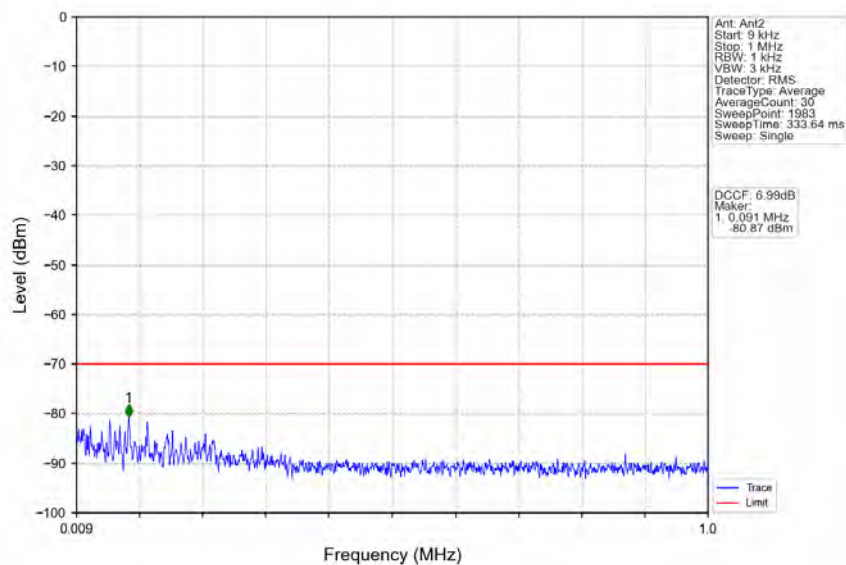
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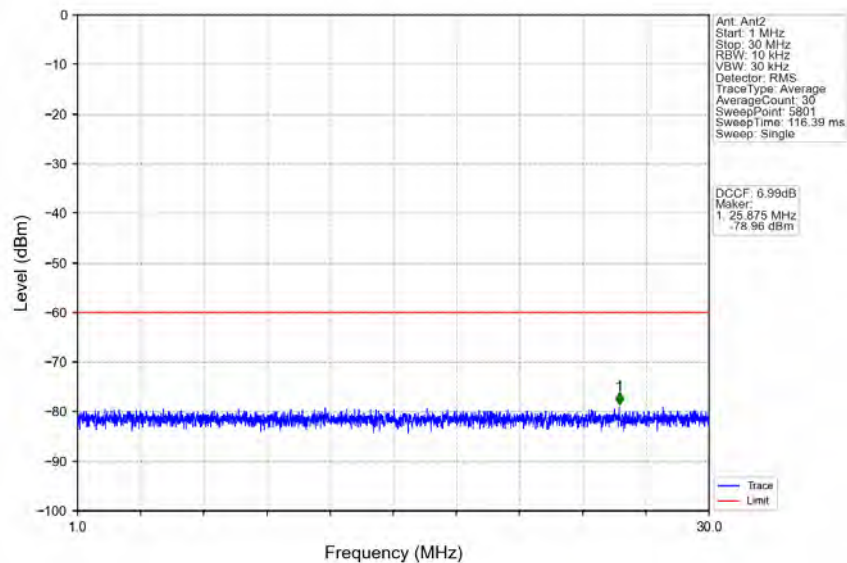
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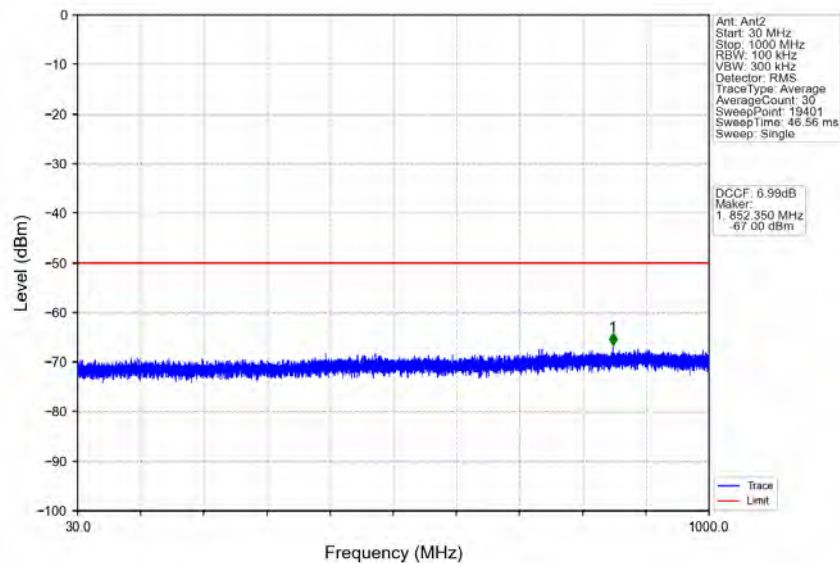
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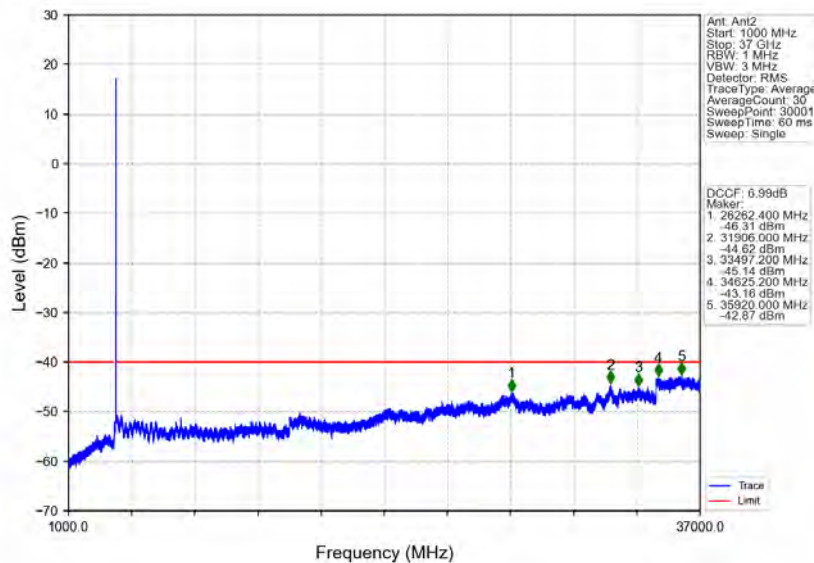
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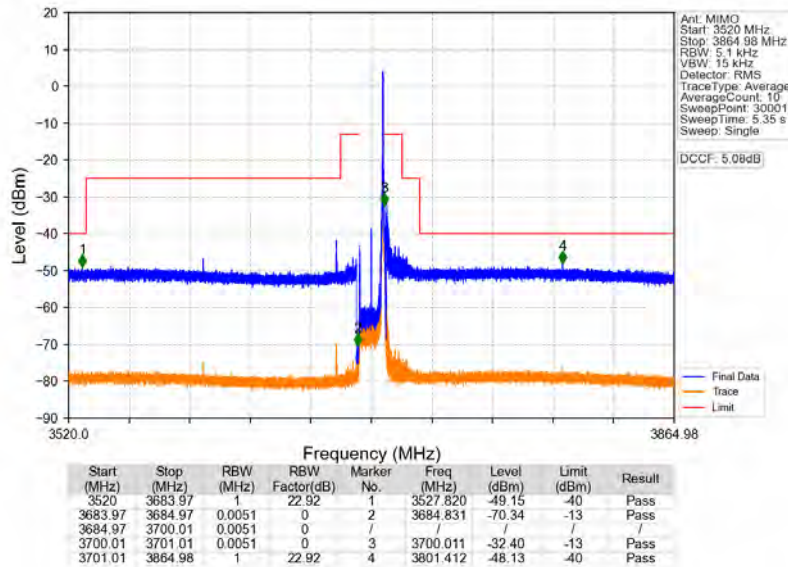
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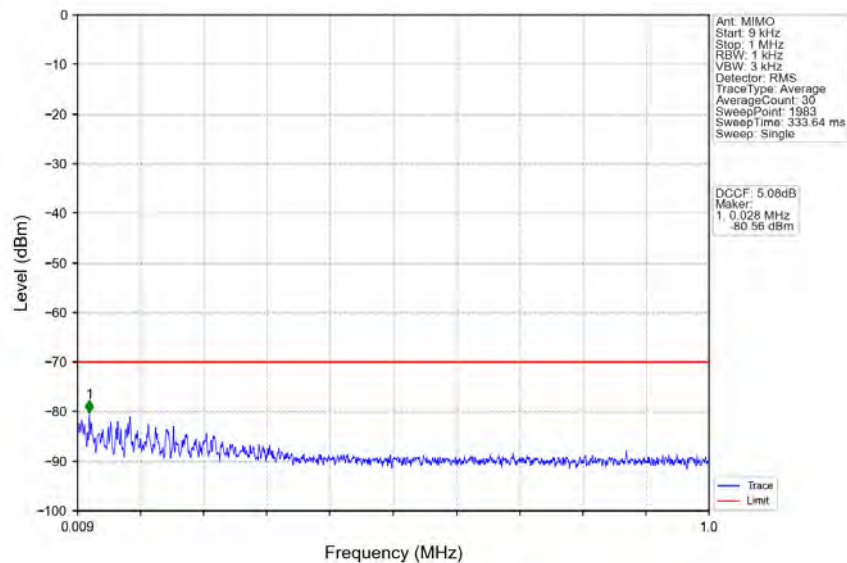
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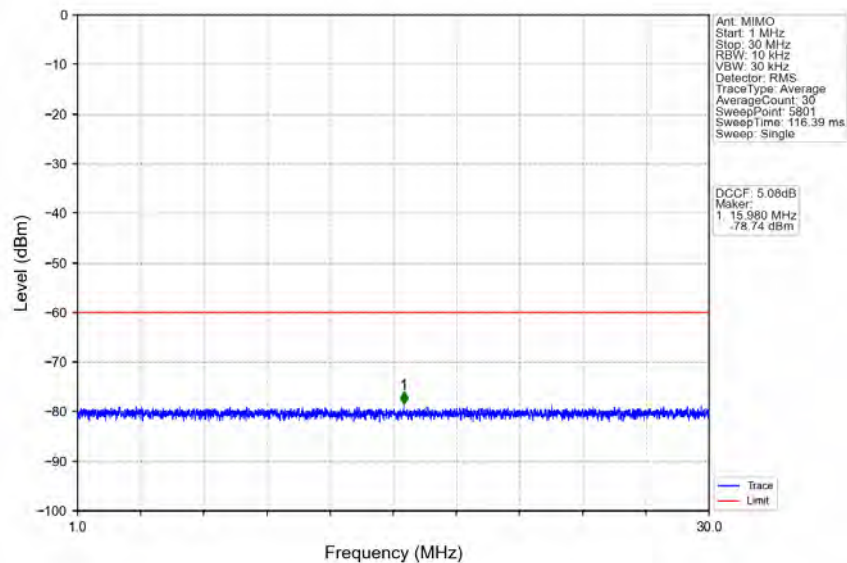
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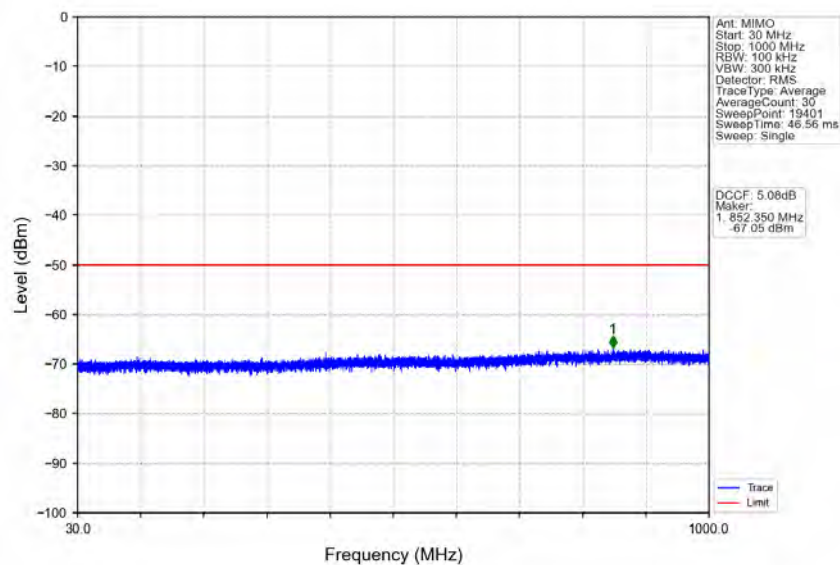
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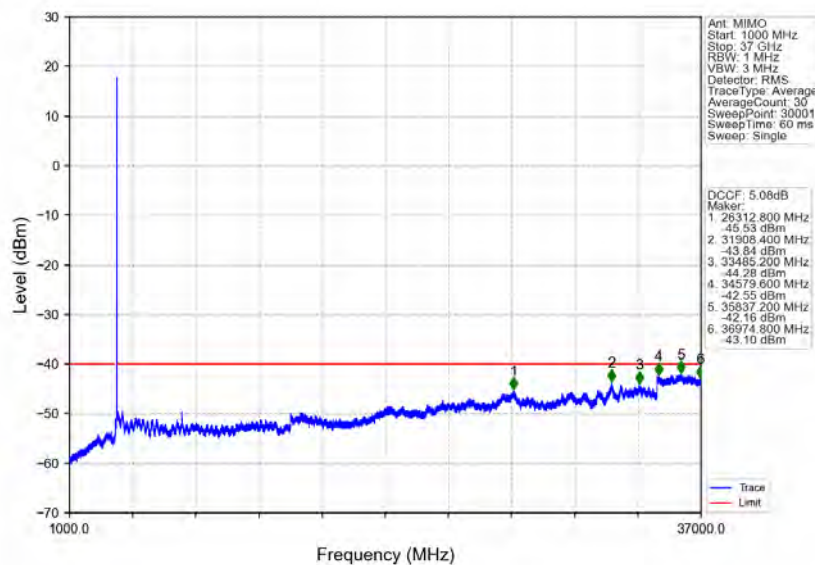
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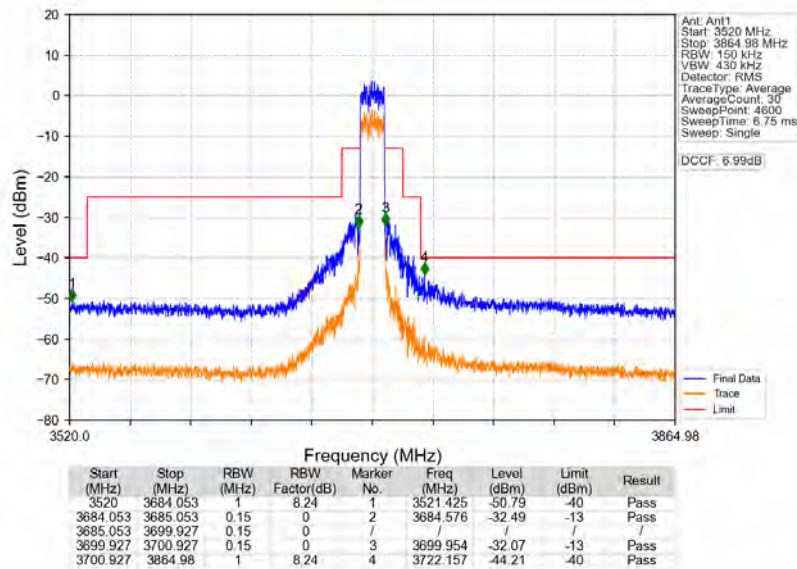
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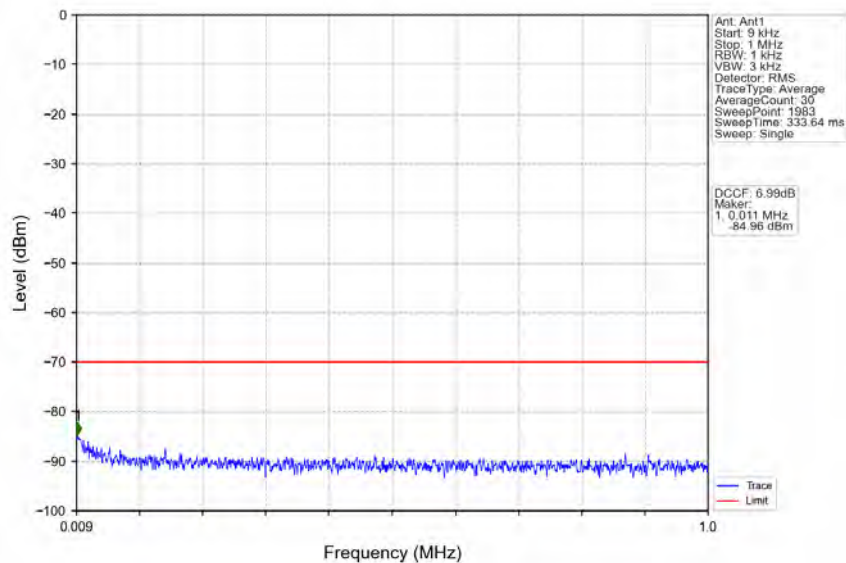
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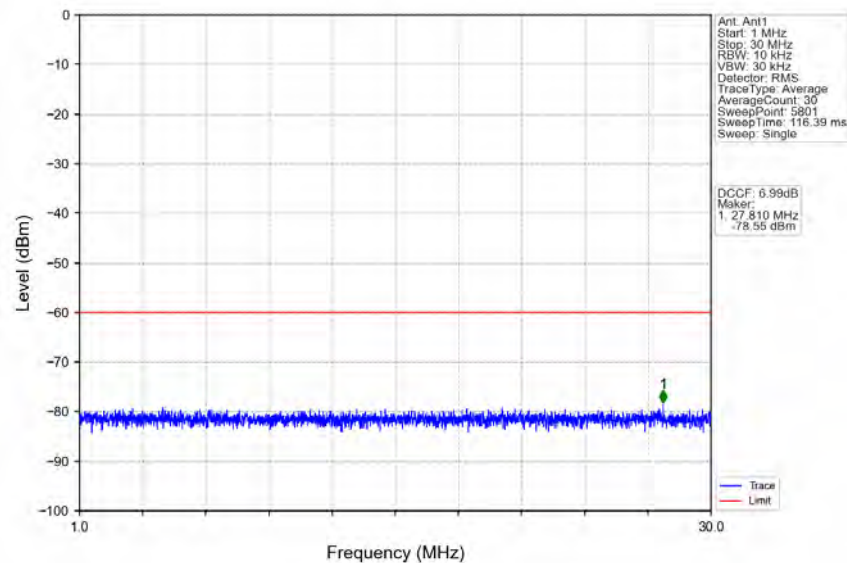
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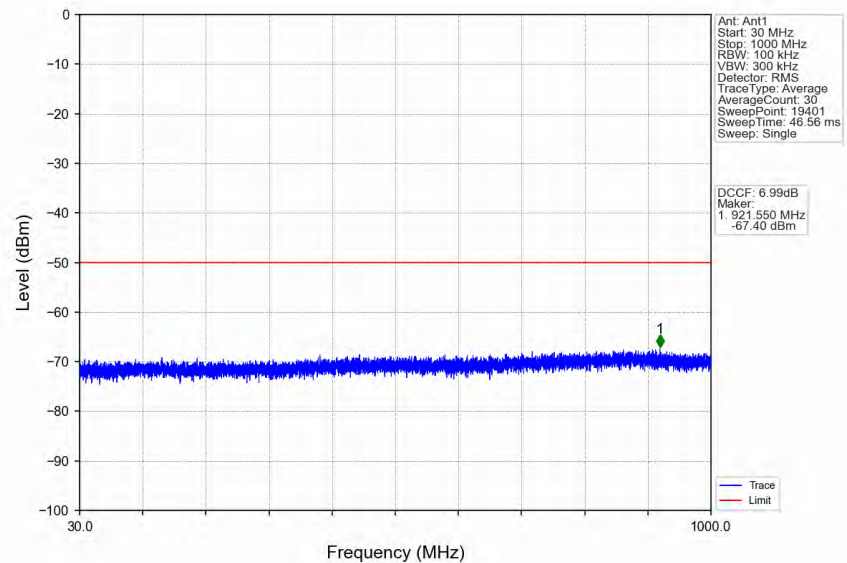
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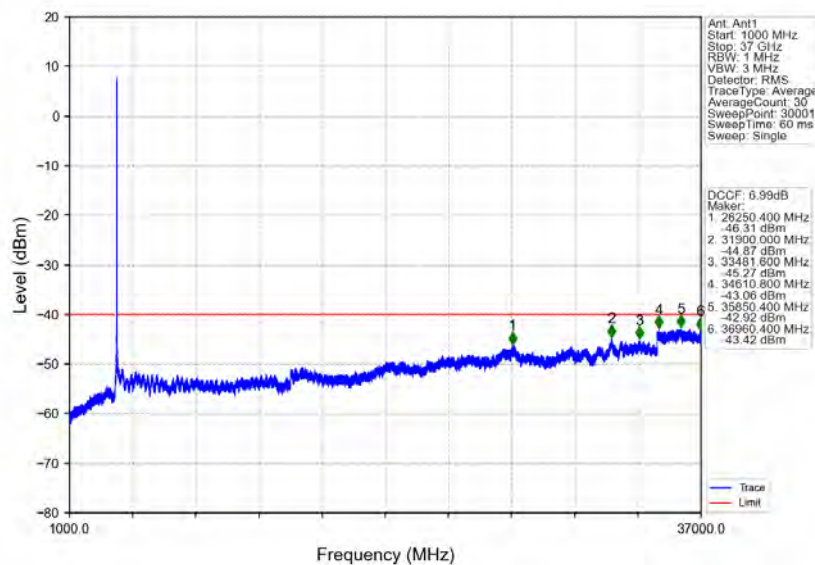
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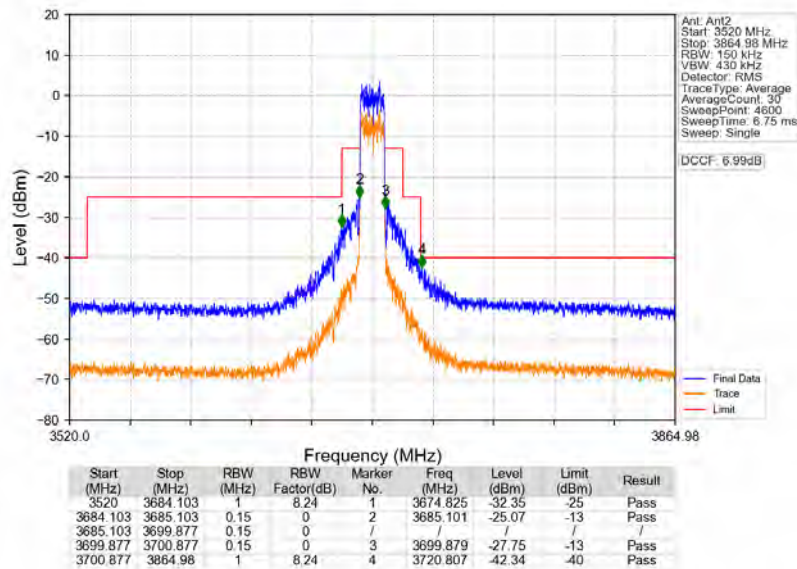
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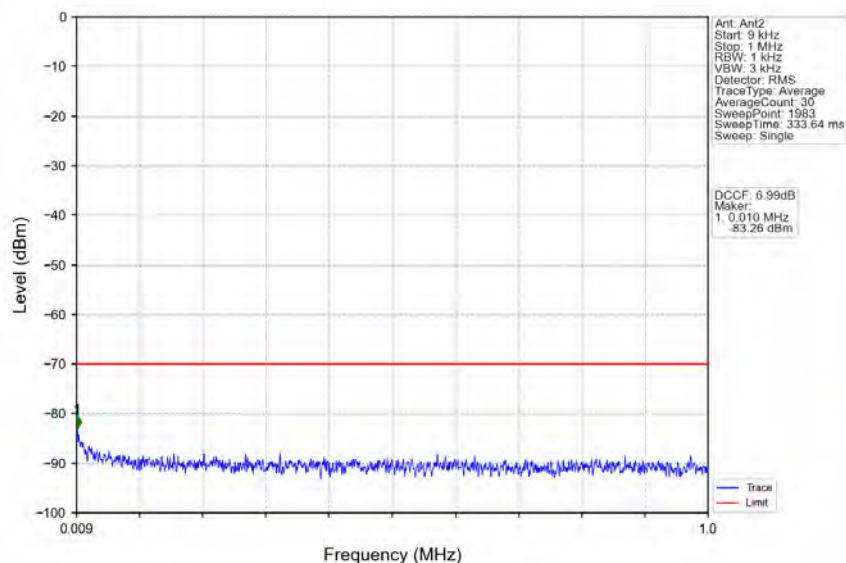


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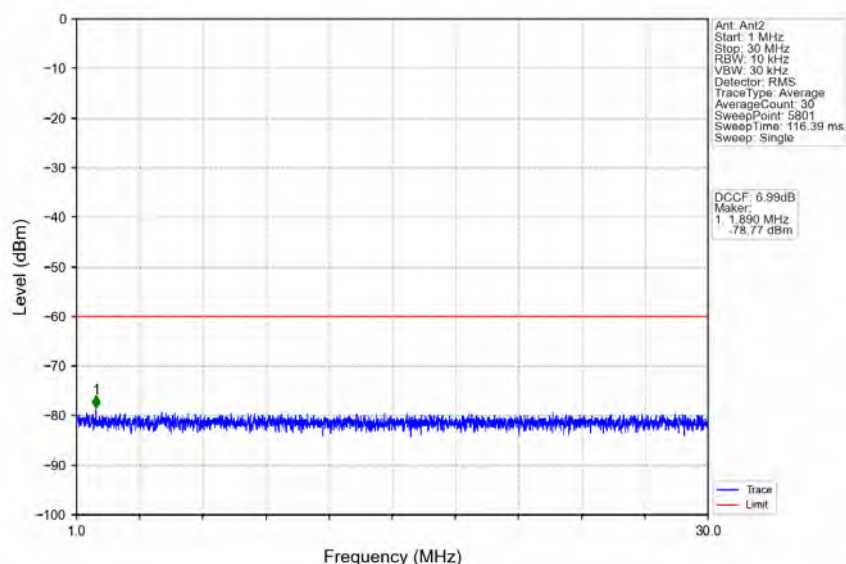
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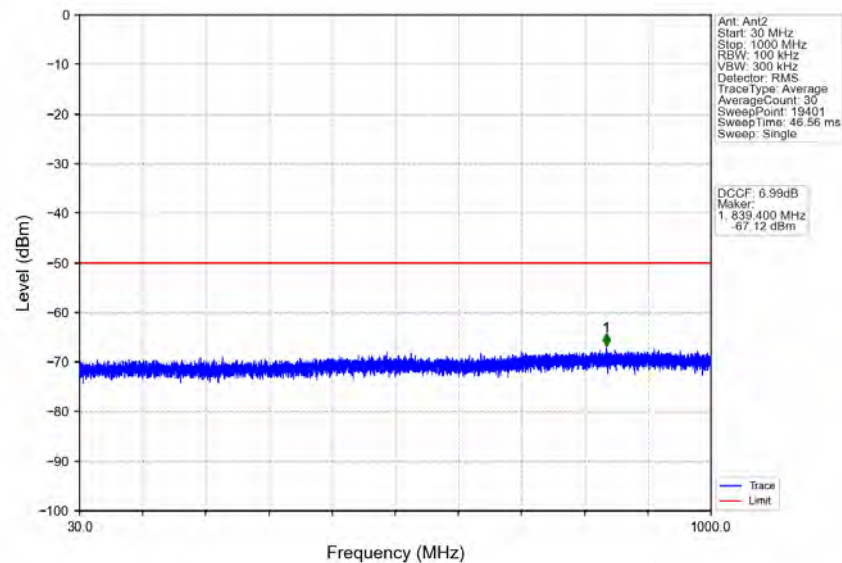
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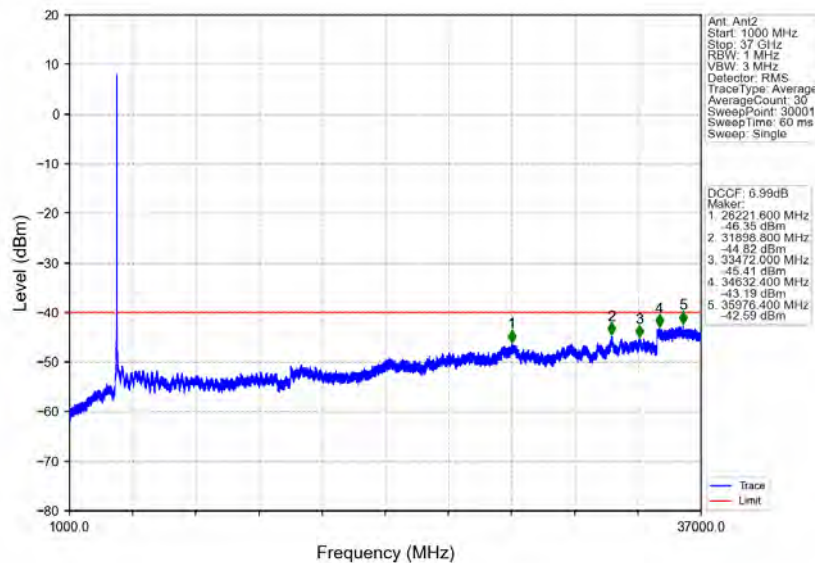
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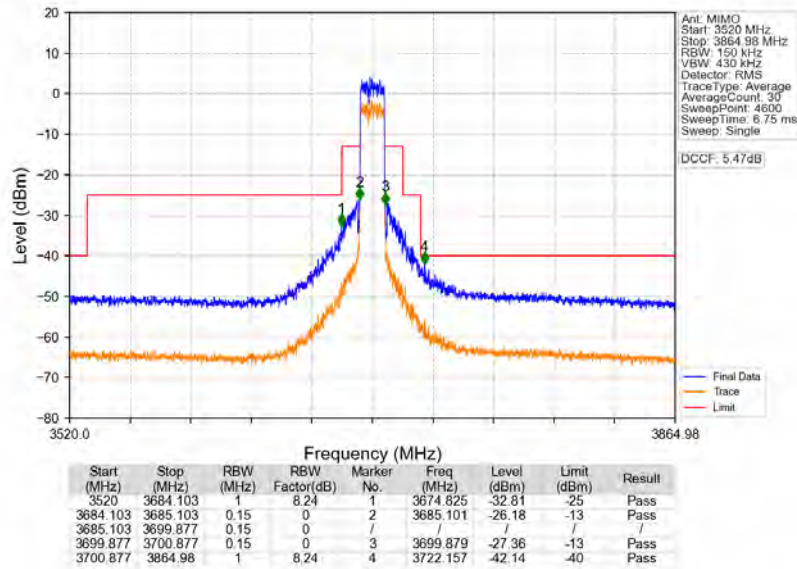
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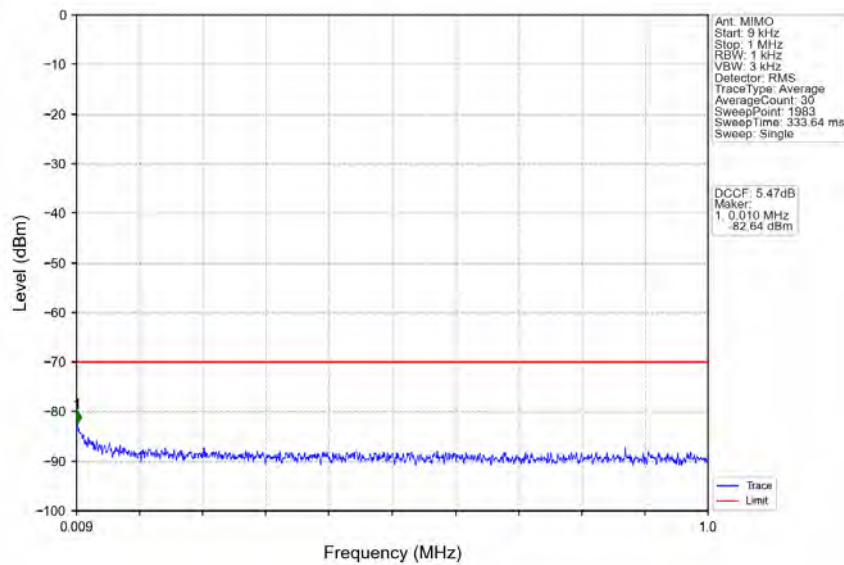
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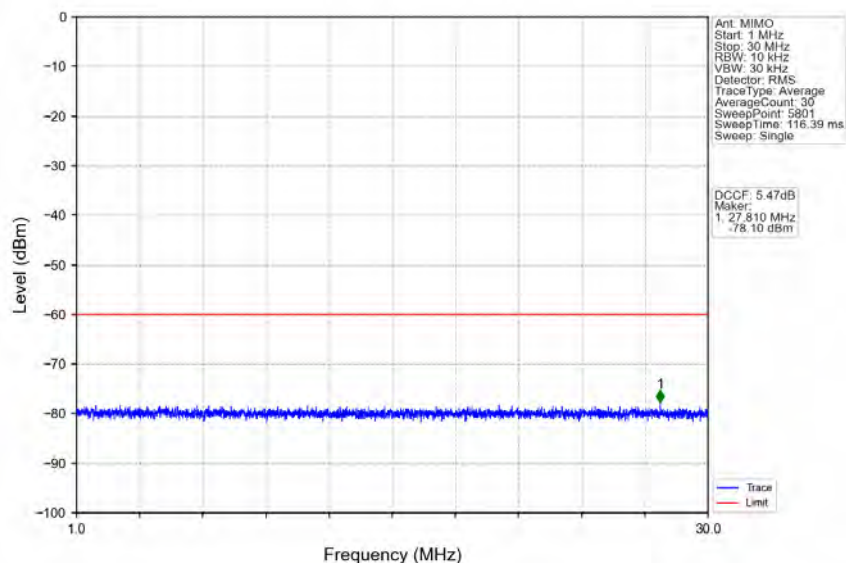
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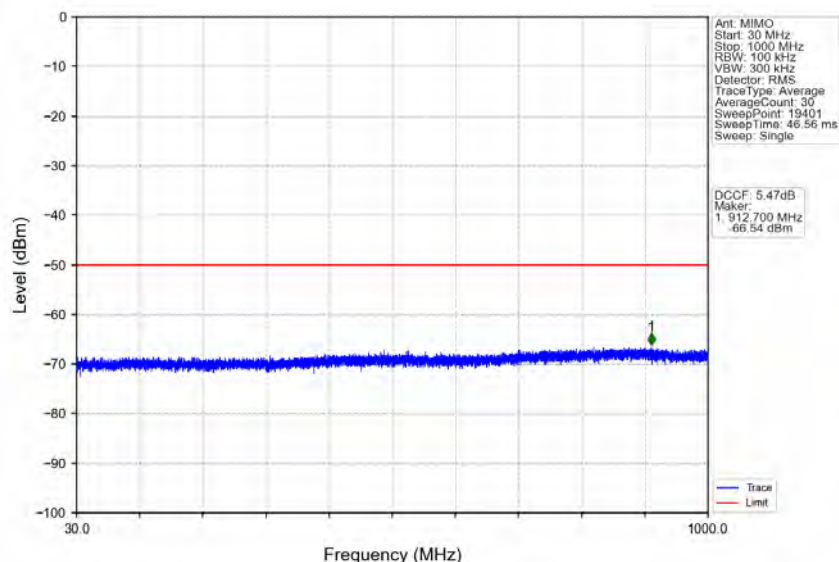
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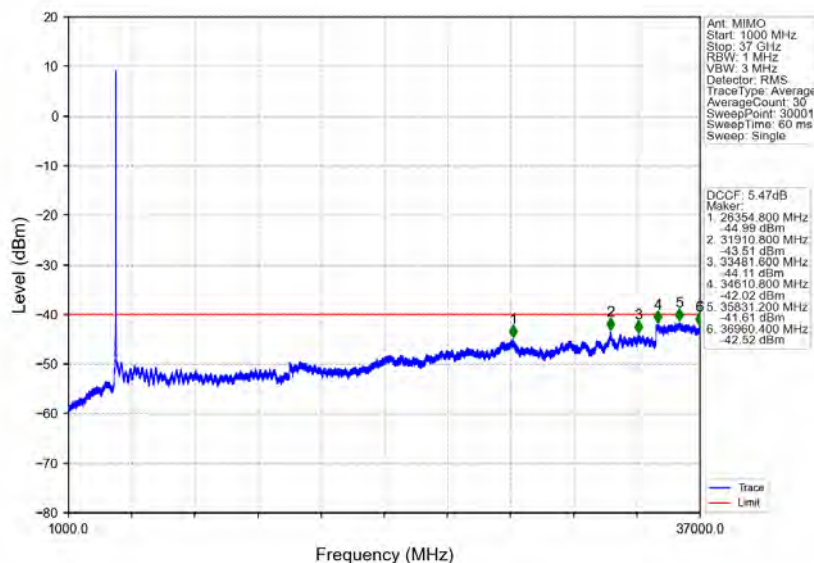
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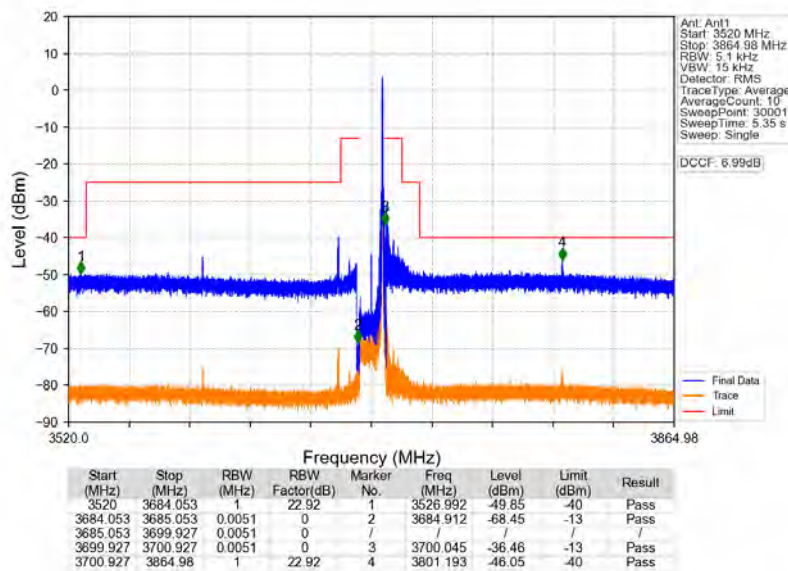
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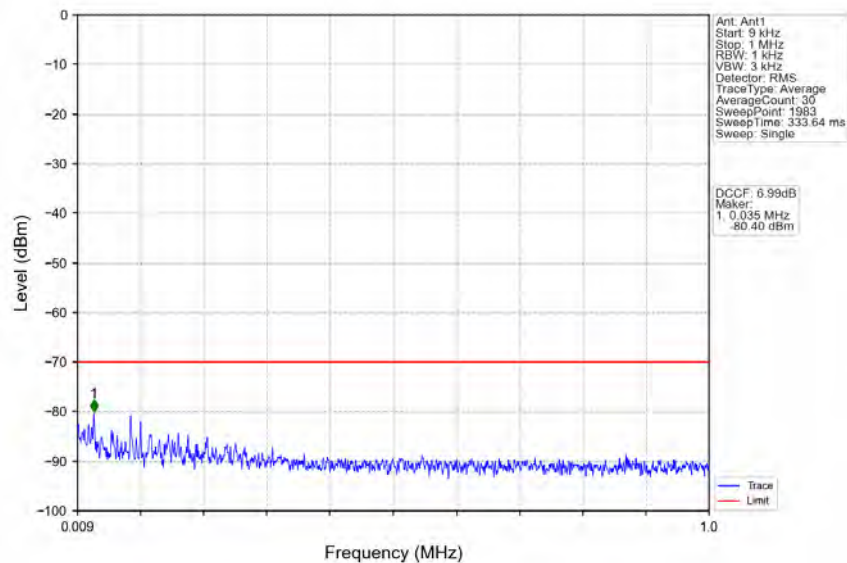
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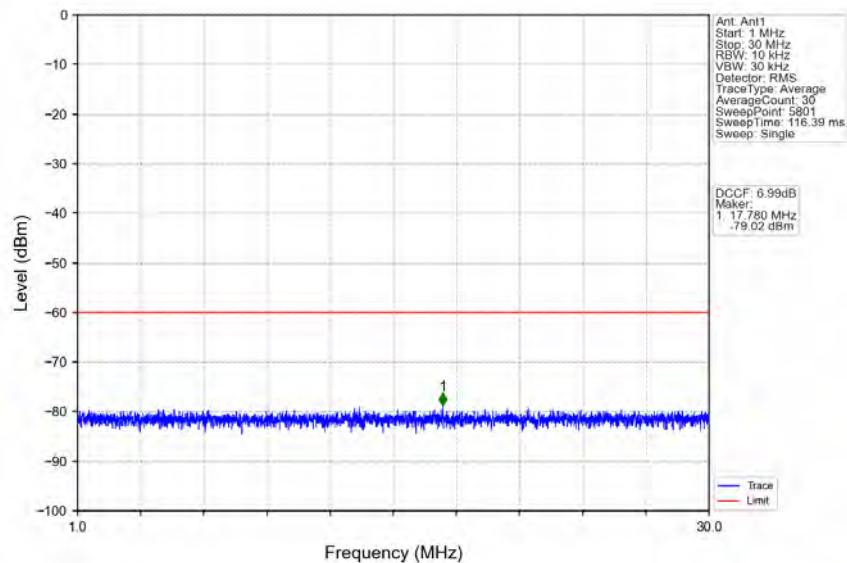
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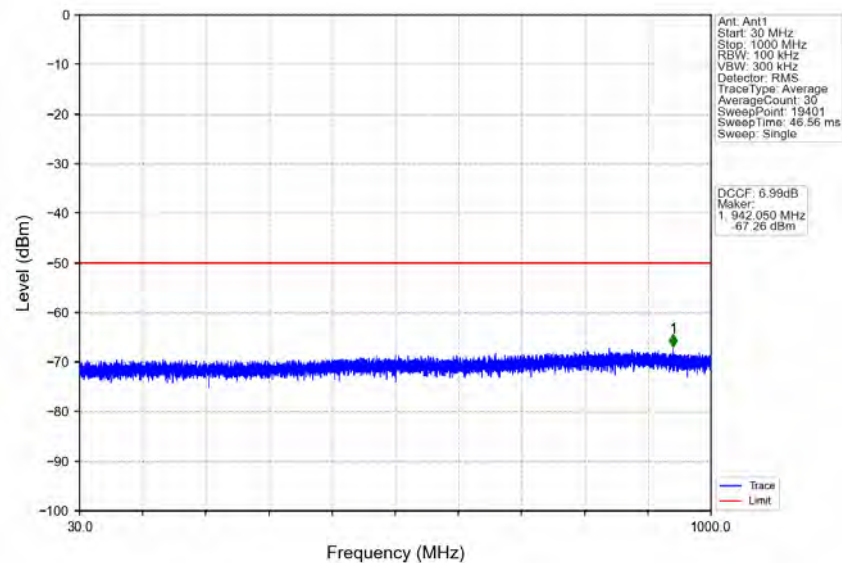
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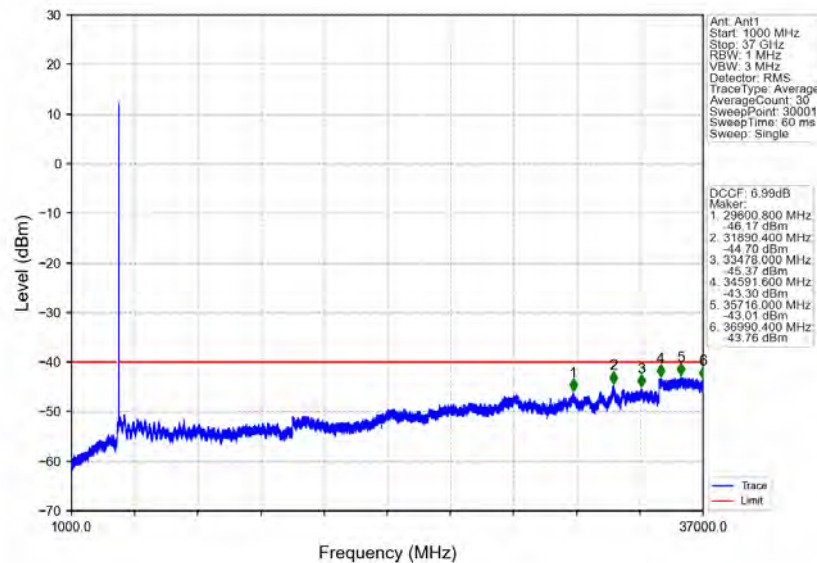
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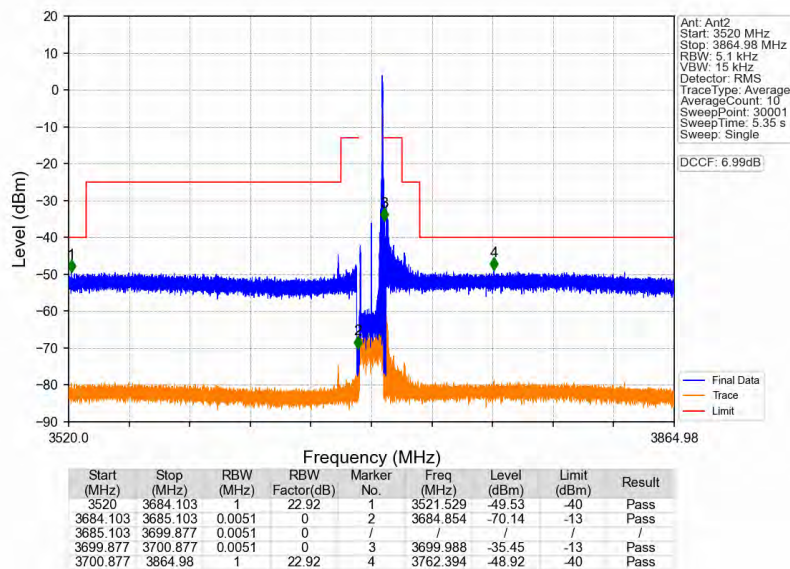
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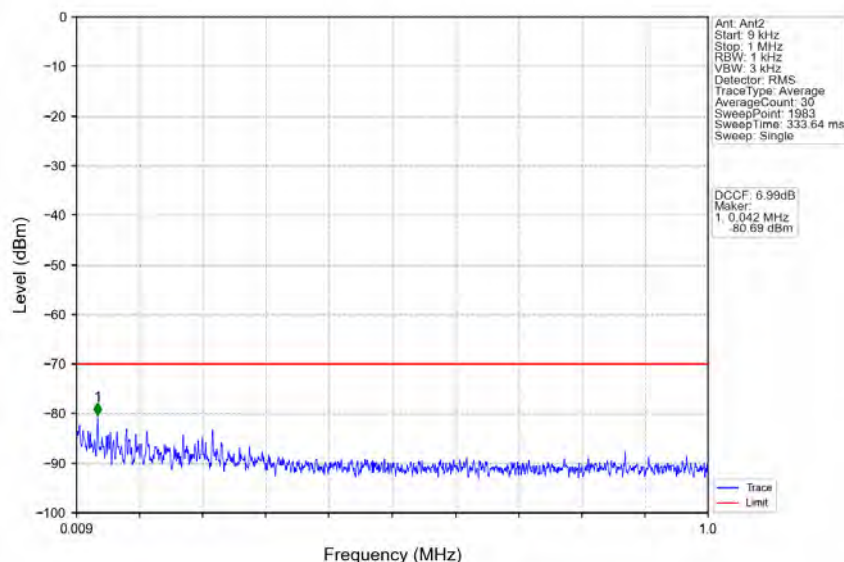
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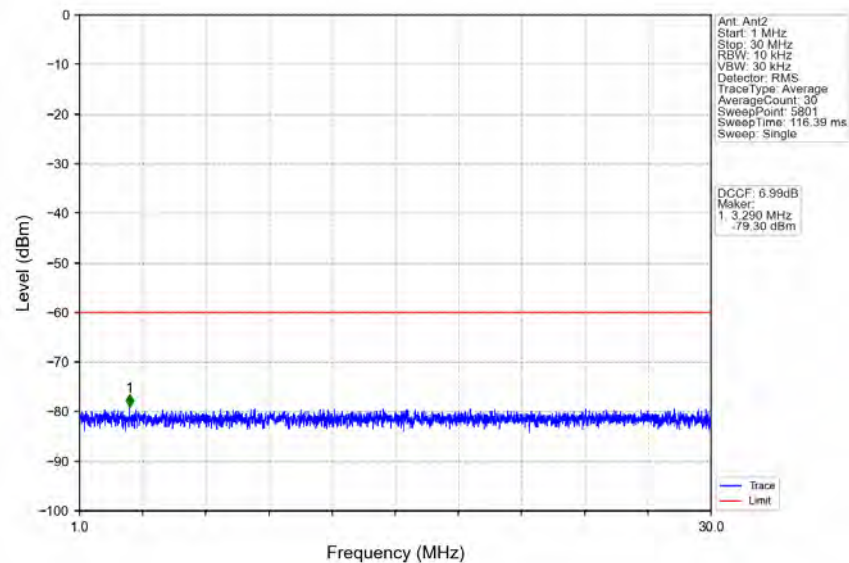
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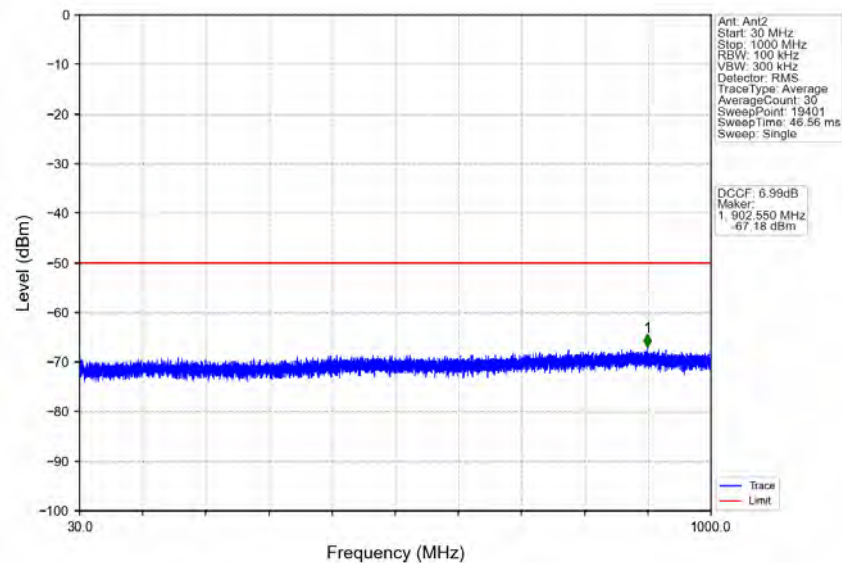
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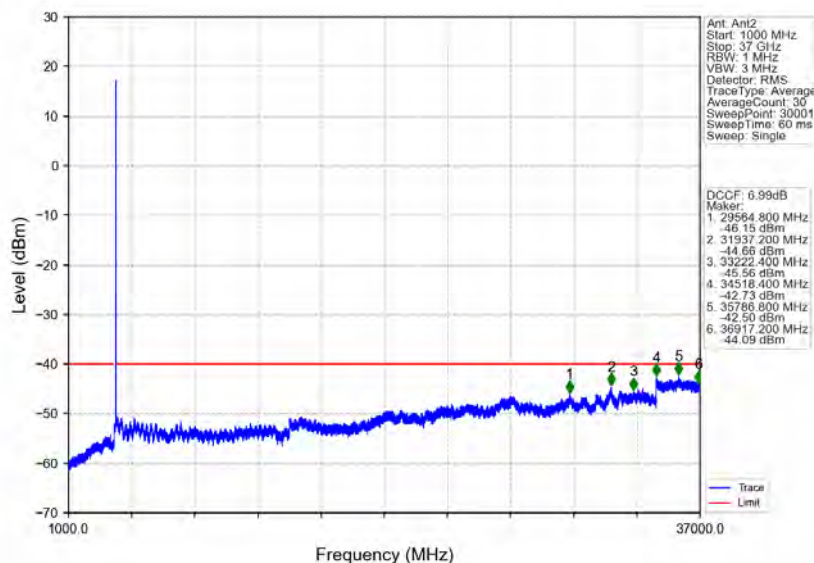
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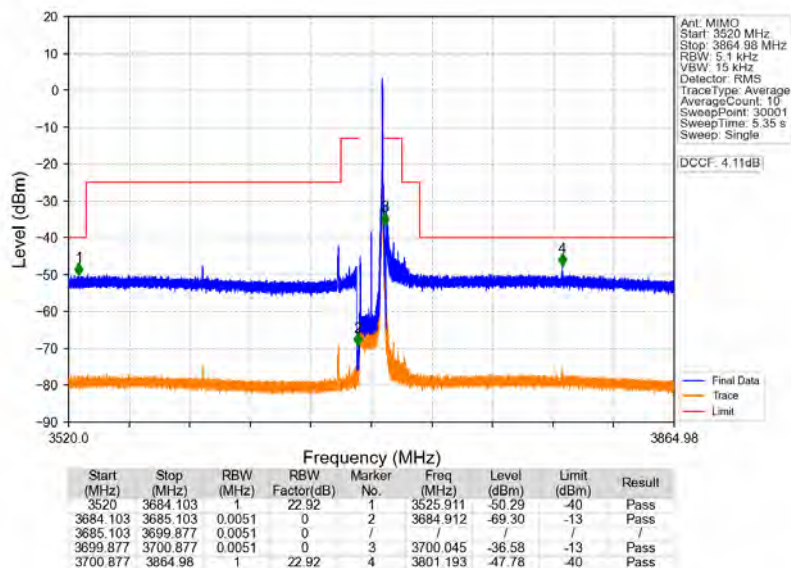
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n78d	30kHz	MIMO	NTNV	15MHz	CP-OFDM	QPSK	3692.49MHz	Inner	1RB	Right
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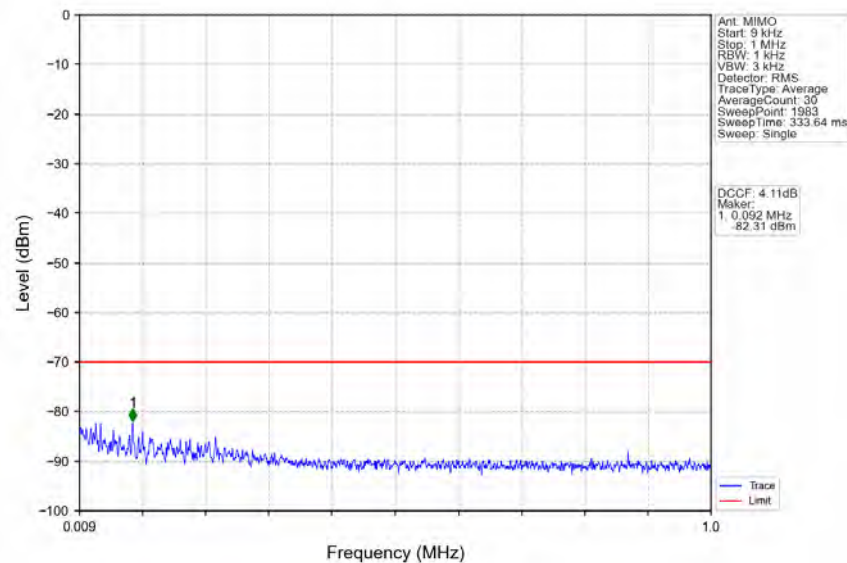


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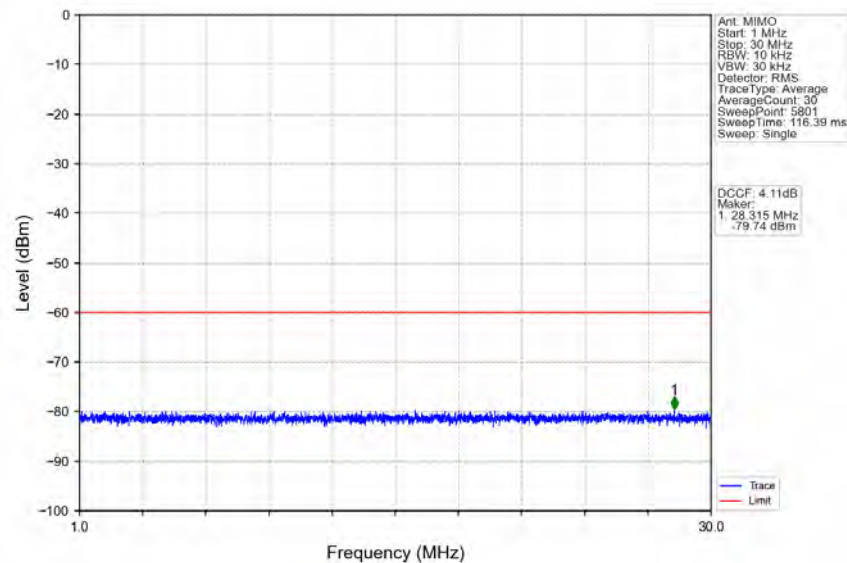
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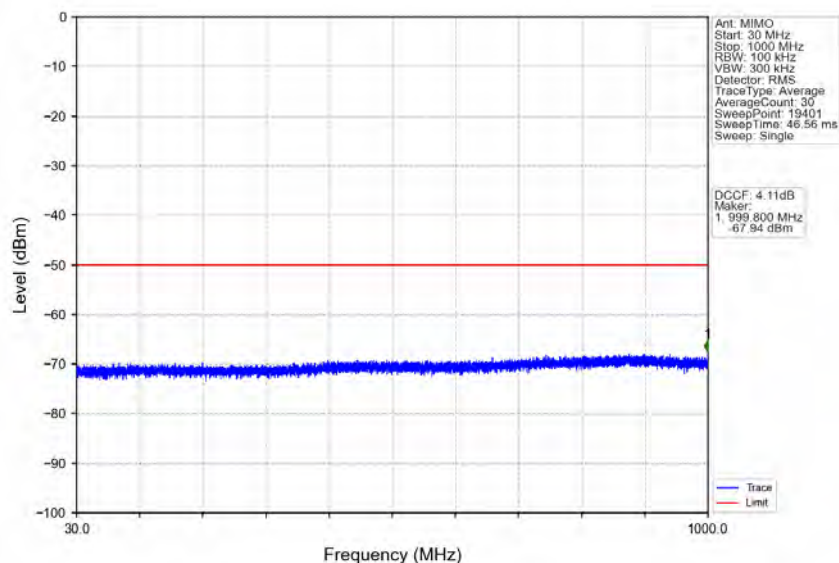
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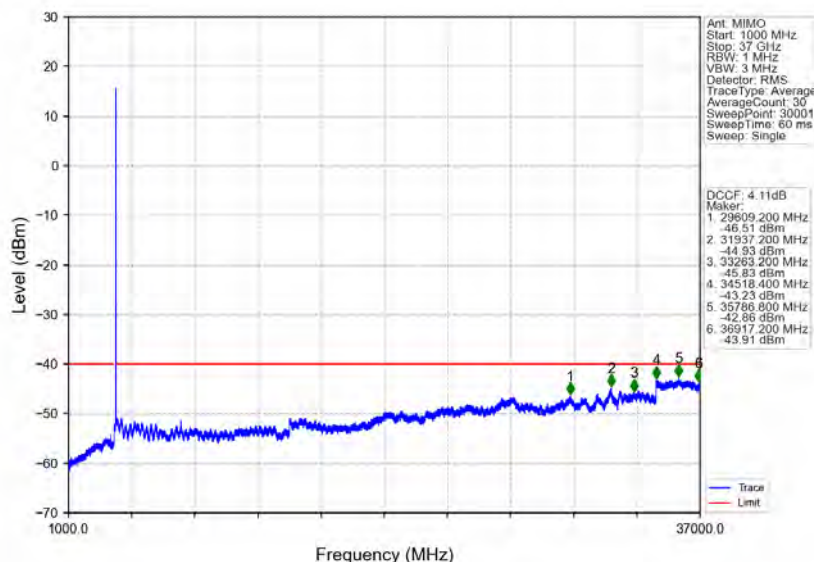
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n78d_30kHz_MIMO_NTNV_15MHz_CP-OFDM QPSK_3692.49MHz_Inner_1RB_Right



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6.3 30k_MIMO_20MHz_NTNV

6.3.1 Test Result

5G NR n78d SCS=30kHz MIMO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3560.01	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3690	Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass



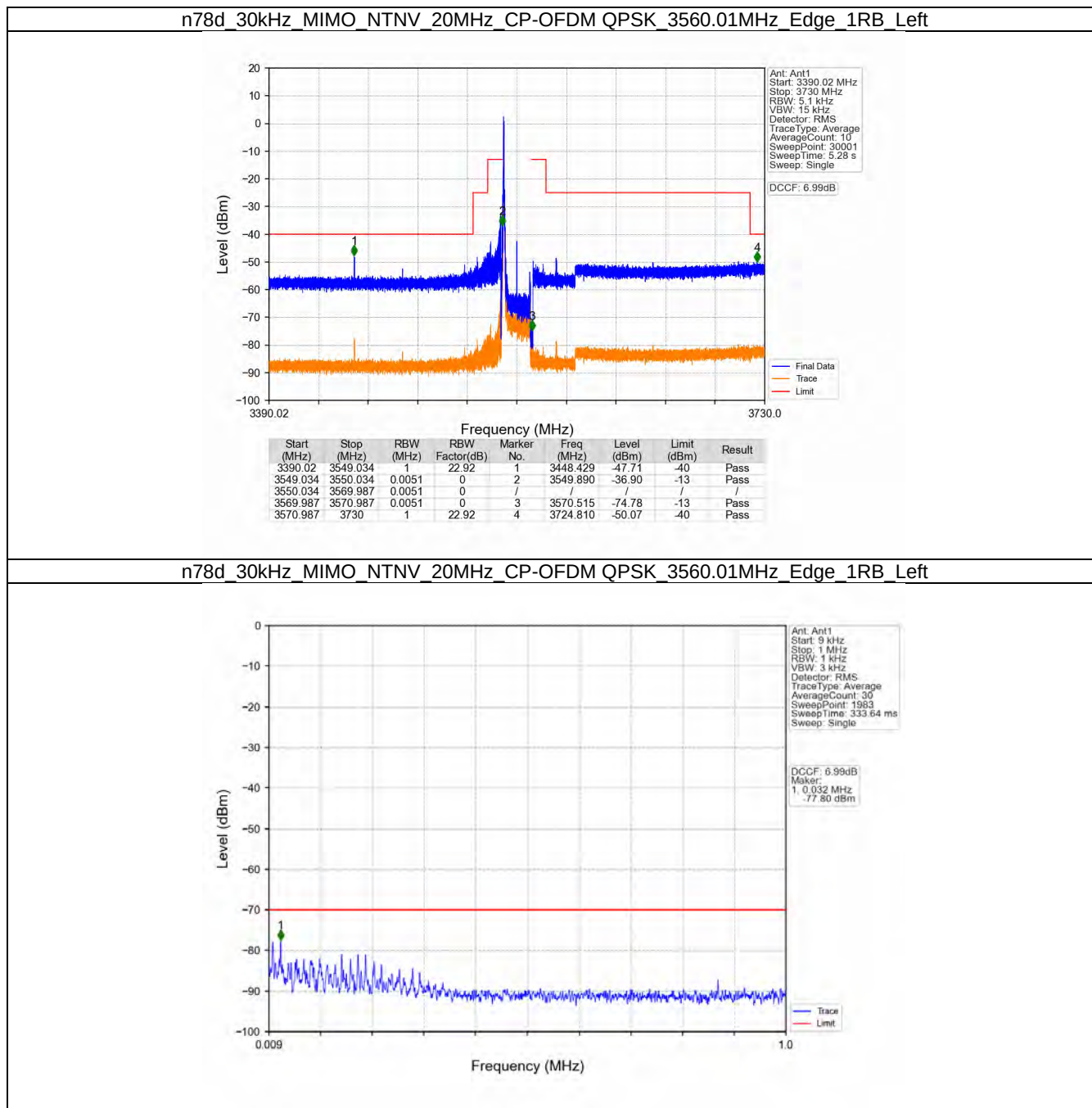
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6.3.2 Test Graph



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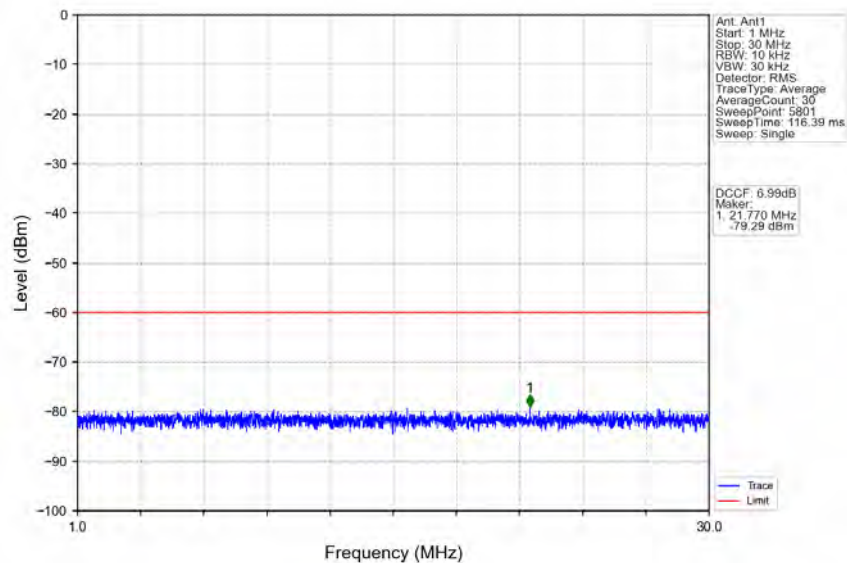
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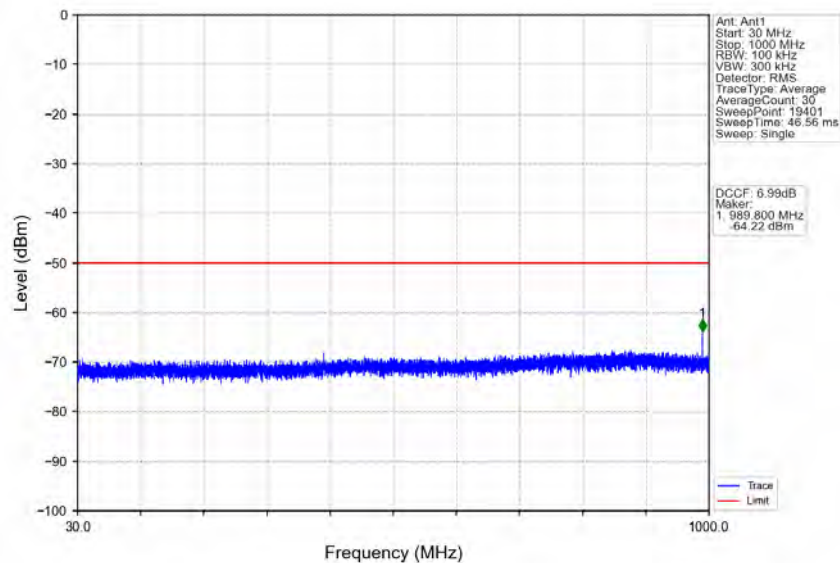
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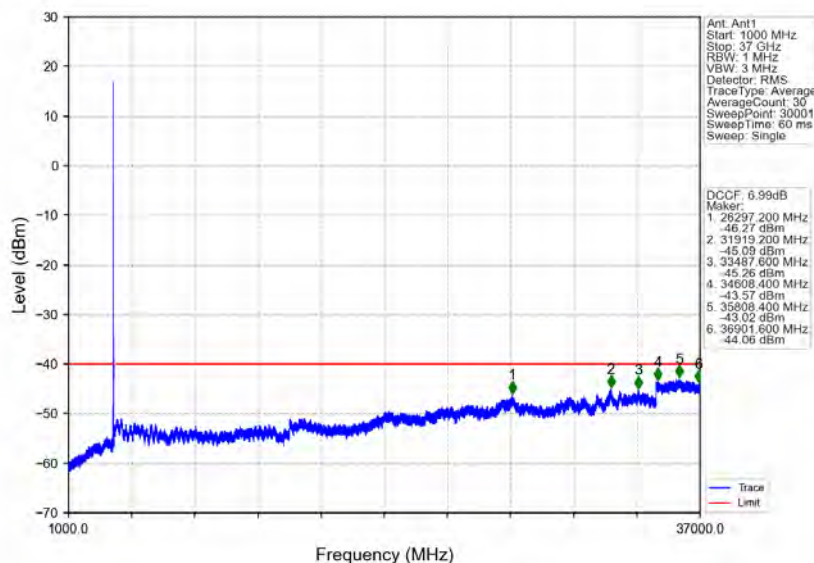
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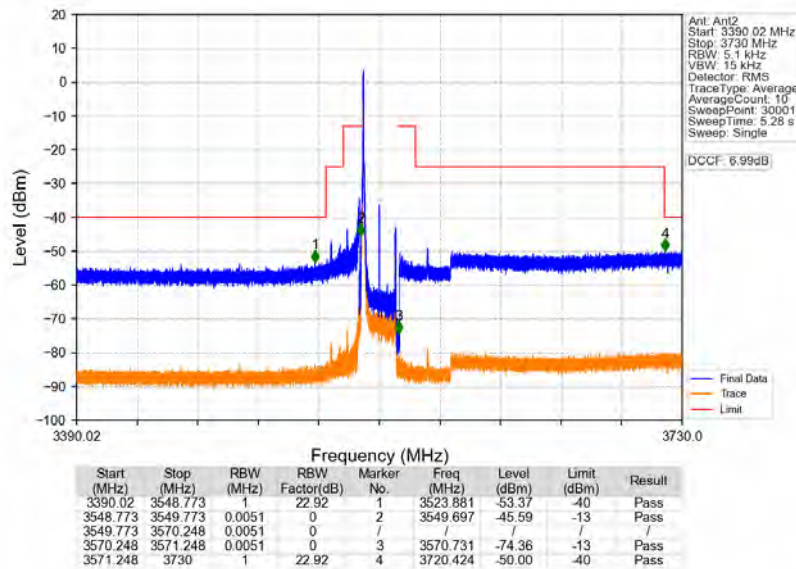
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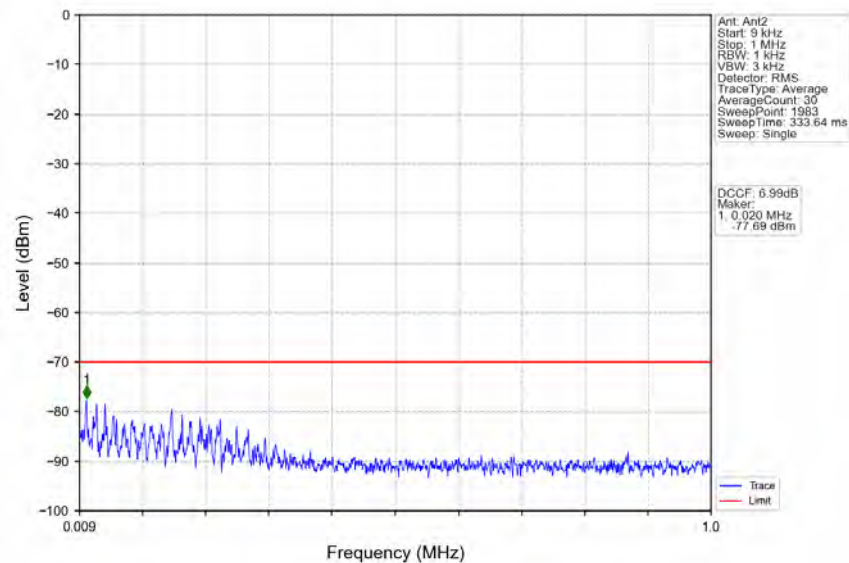
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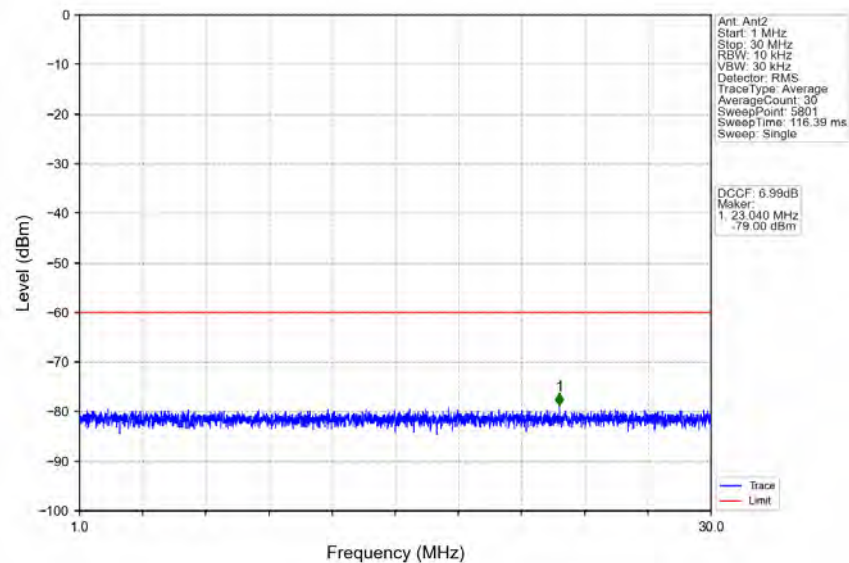
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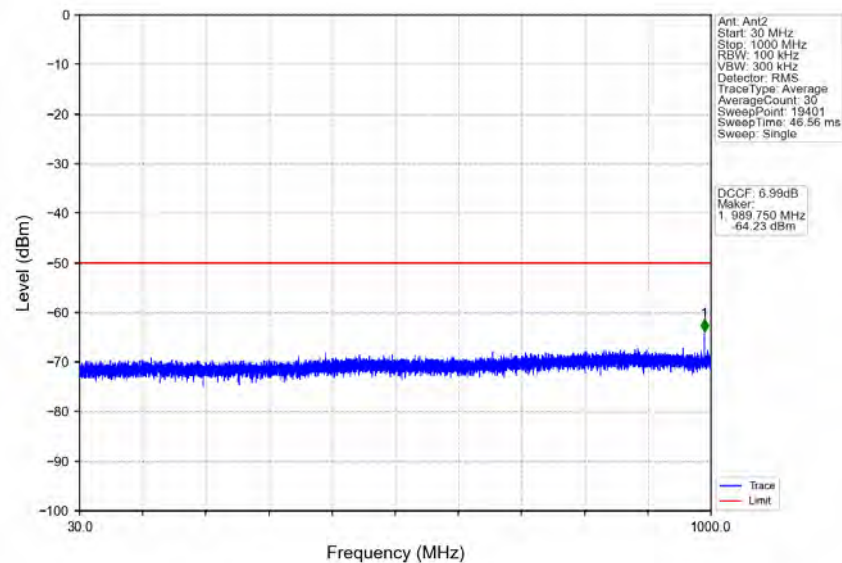
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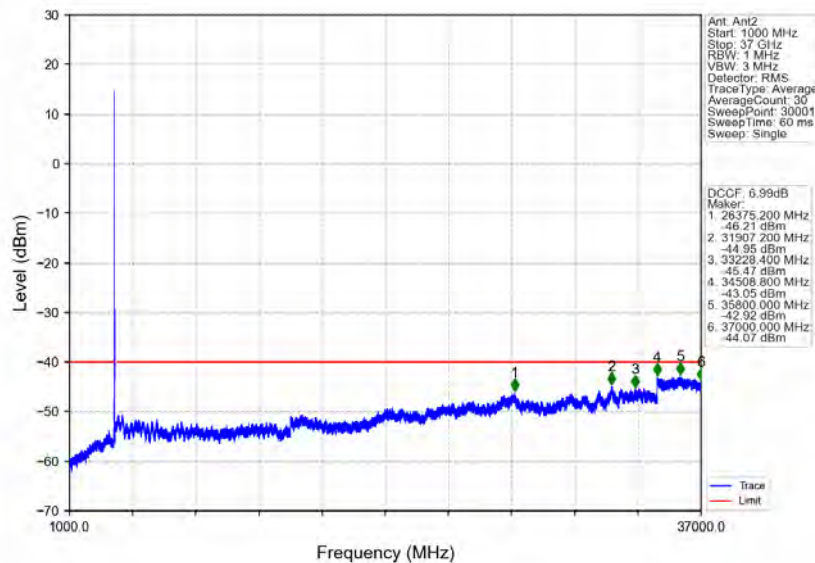
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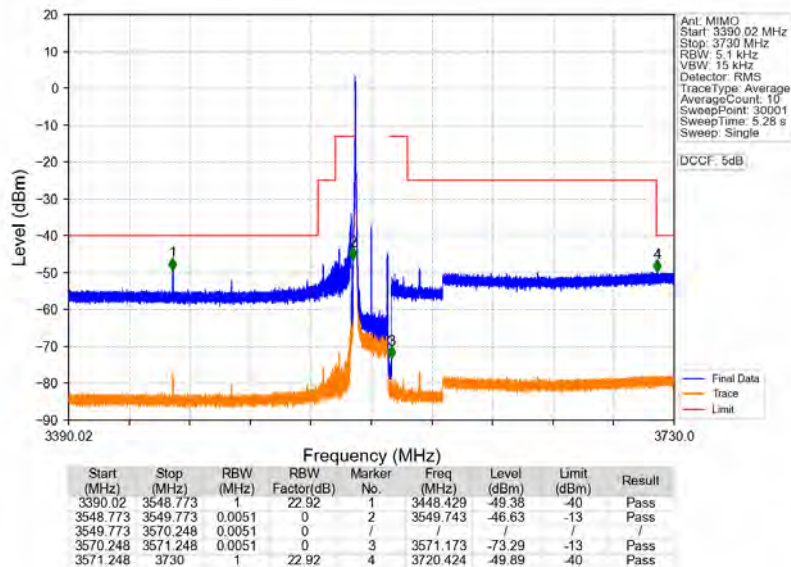
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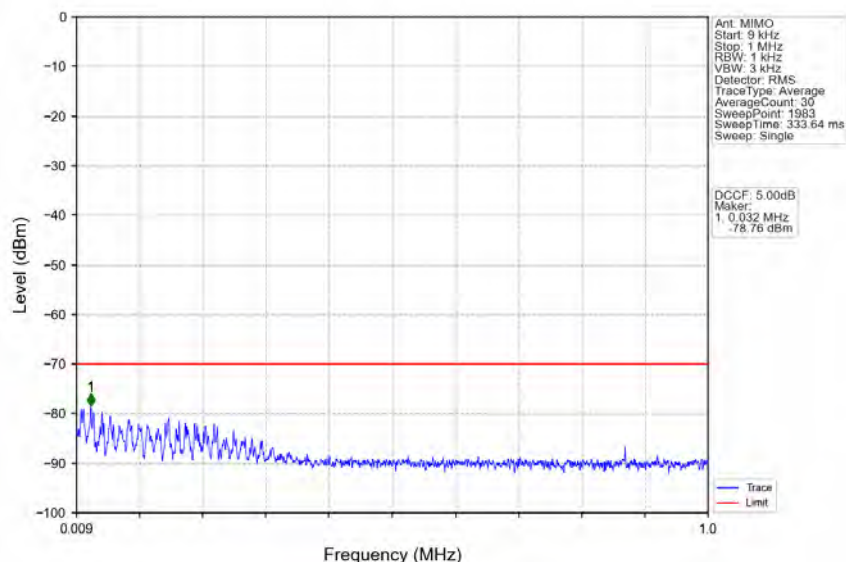
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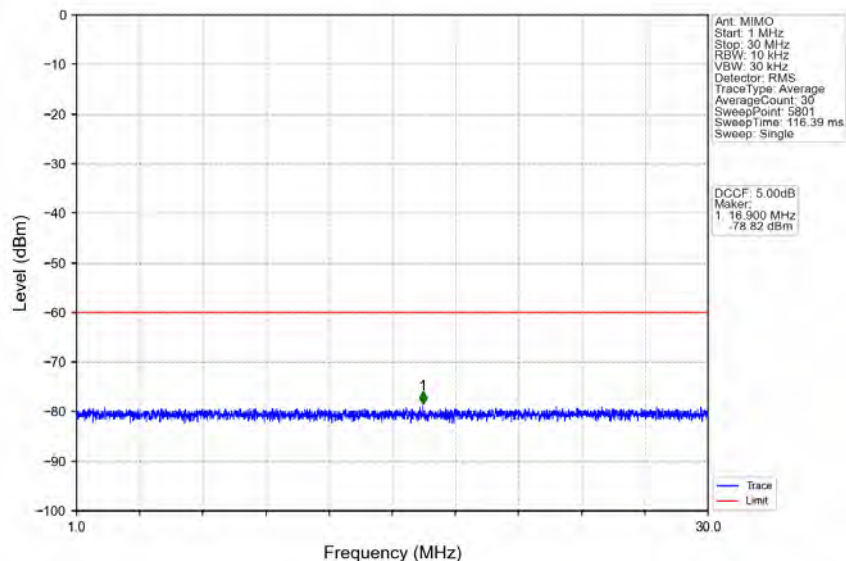
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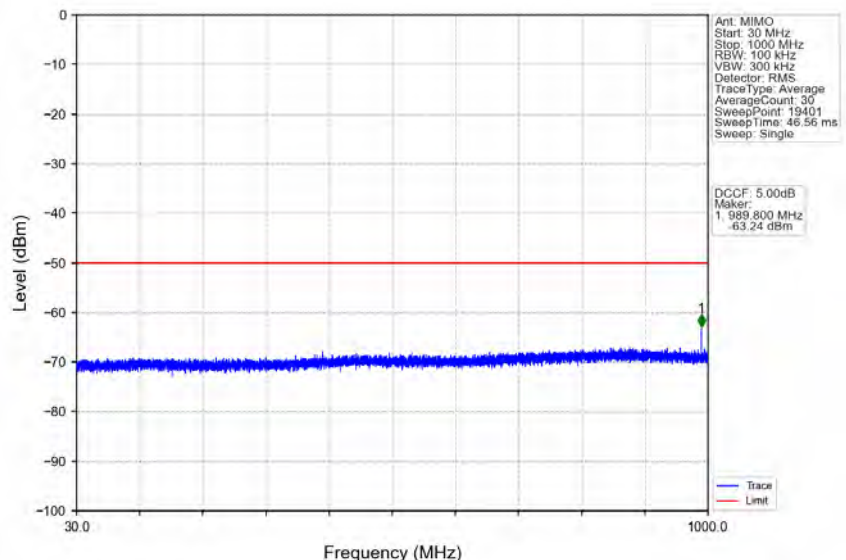
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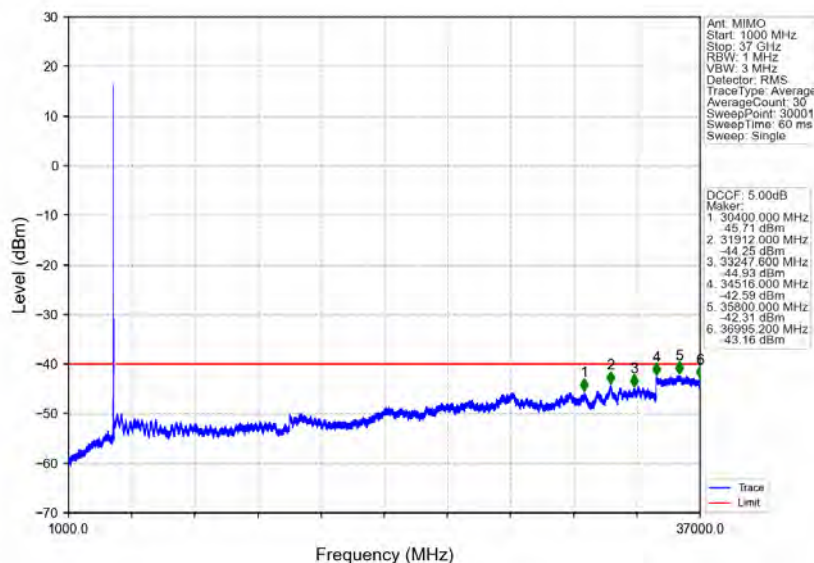
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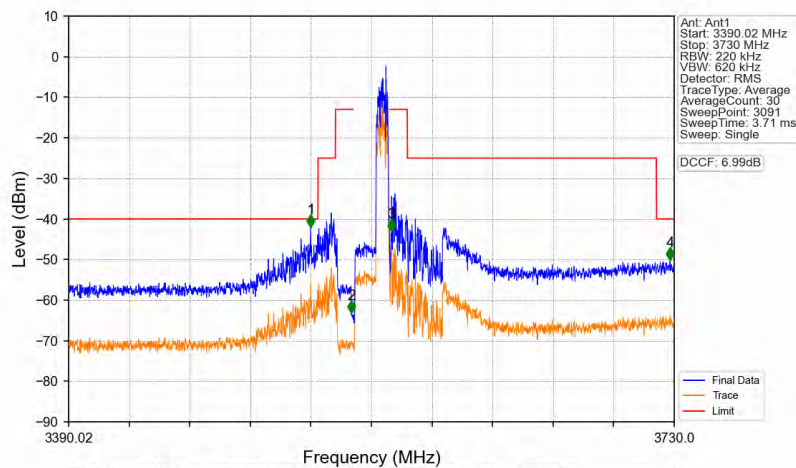
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3390.02	3548.773	1	6.58	1	3525.902	-41.98	-40	Pass
3548.773	3549.773	0.22	0	2	3548.897	-63.13	-13	Pass
3549.773	3570.248	0.22	0	3	3571.233	-43.09	-13	Pass
3570.248	3571.248	0.22	0	4	3572.689	-50.19	-40	Pass

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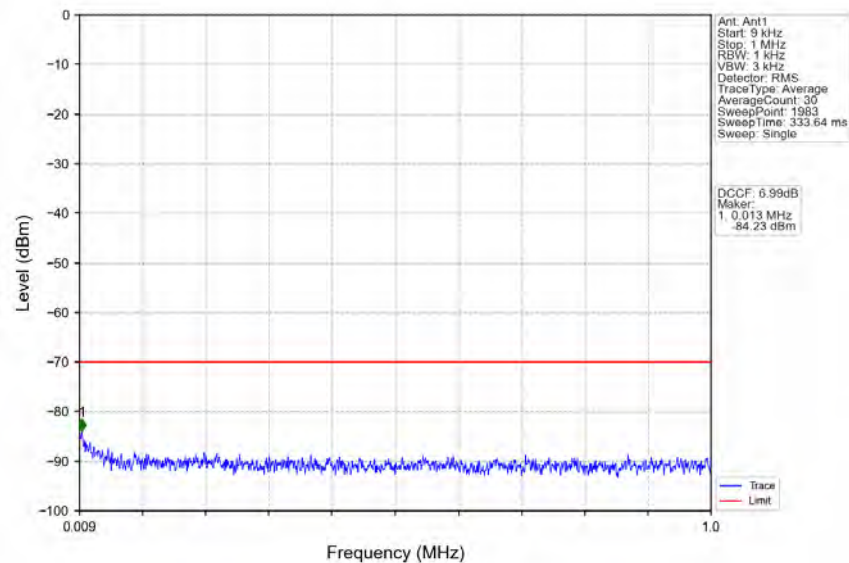
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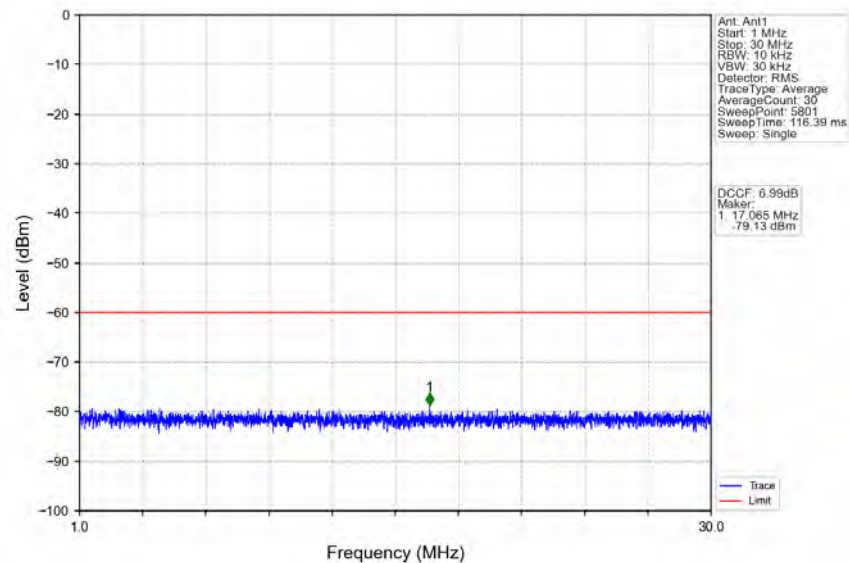
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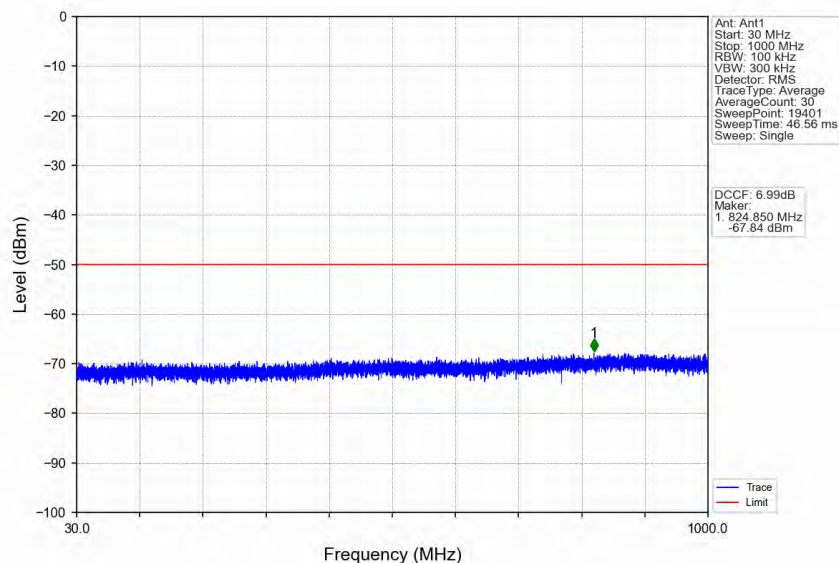
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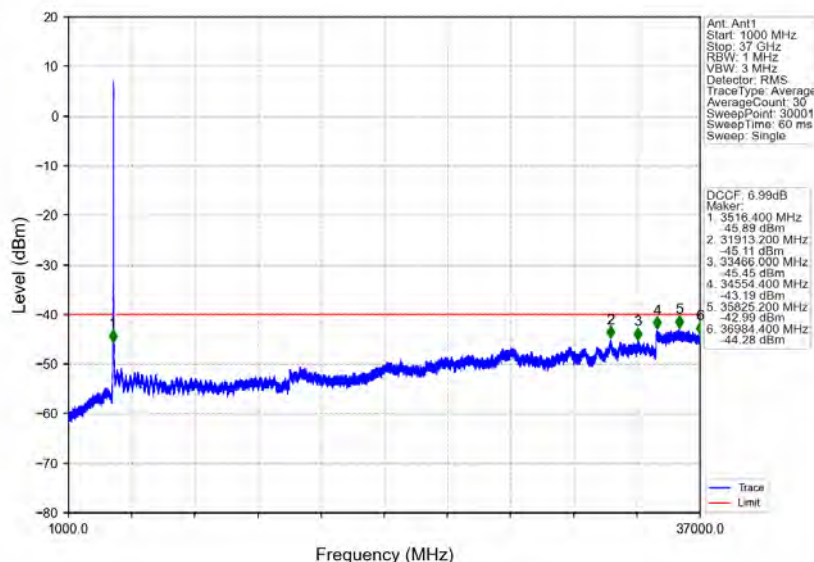
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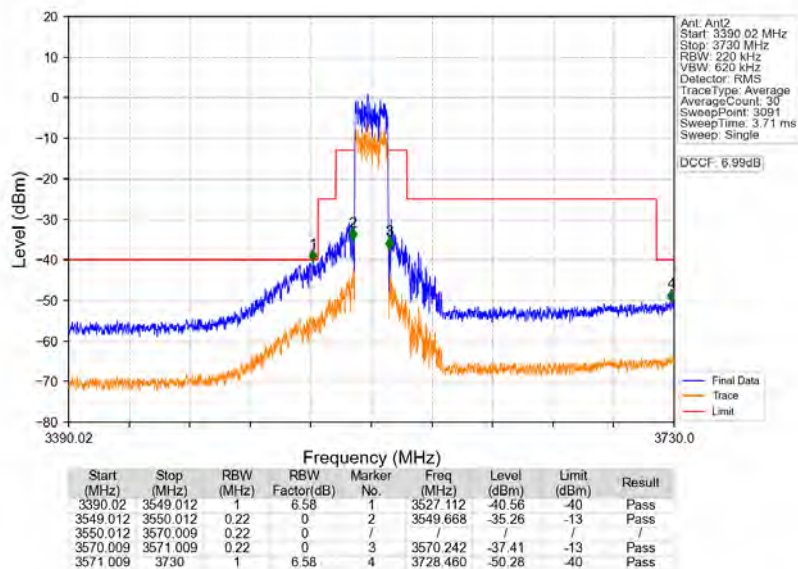
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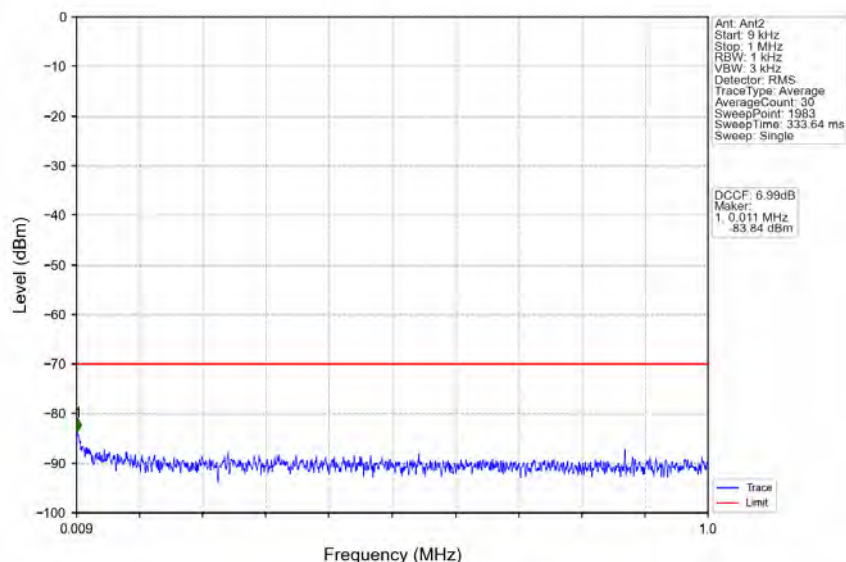
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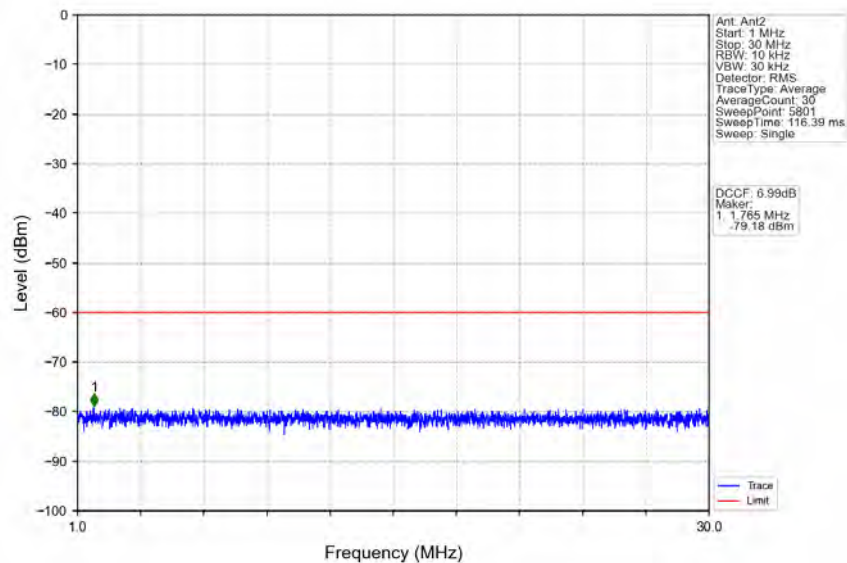
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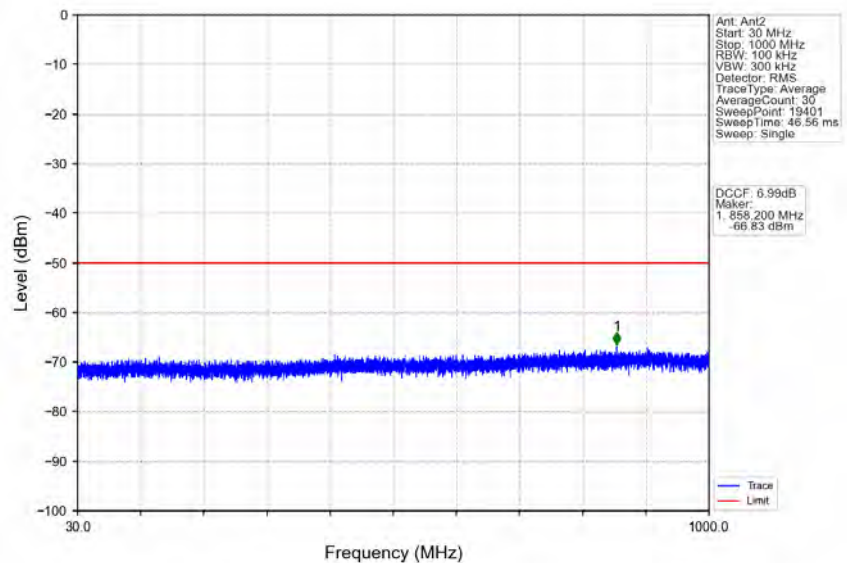
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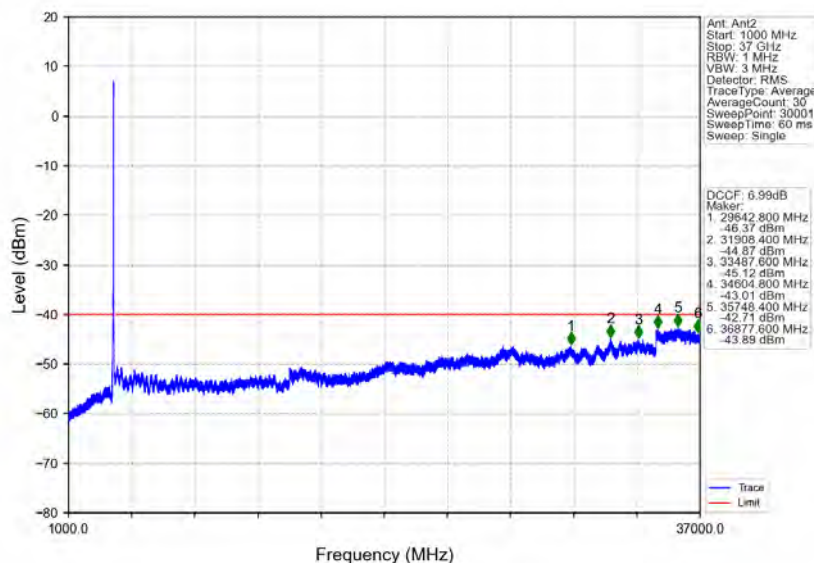
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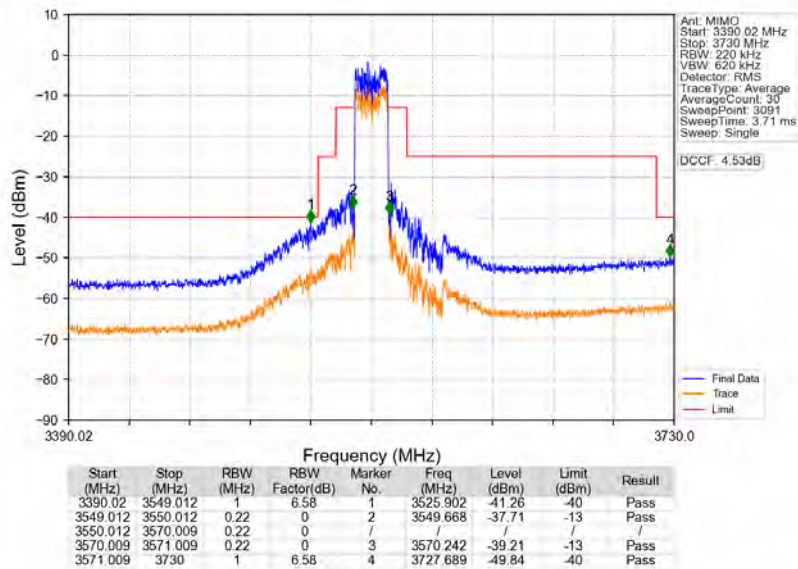
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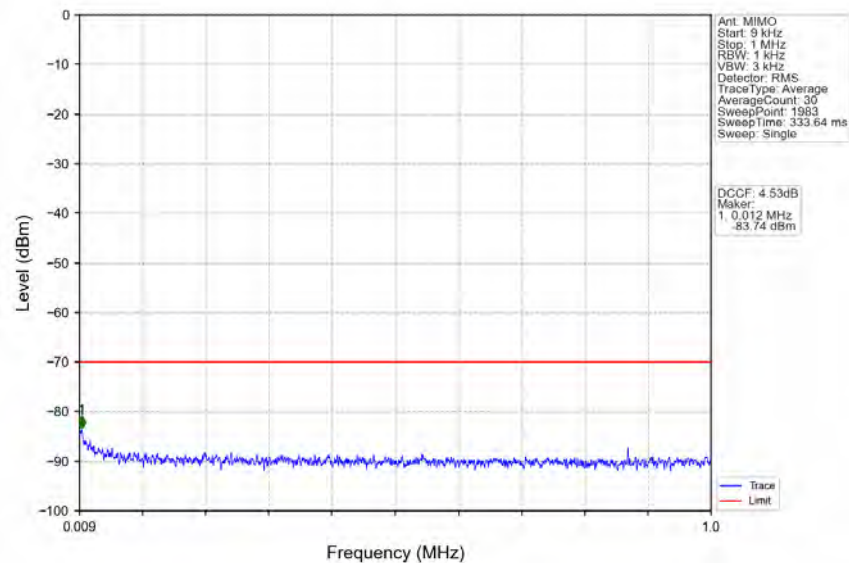
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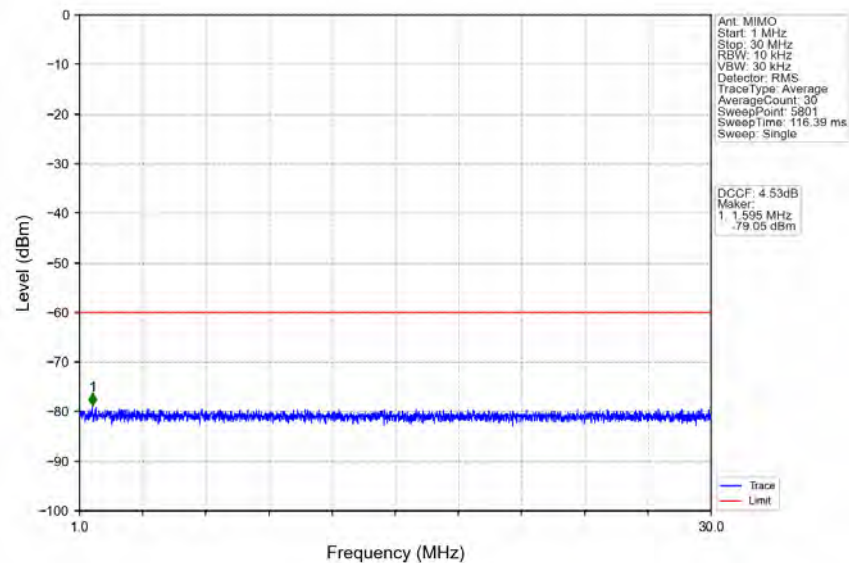
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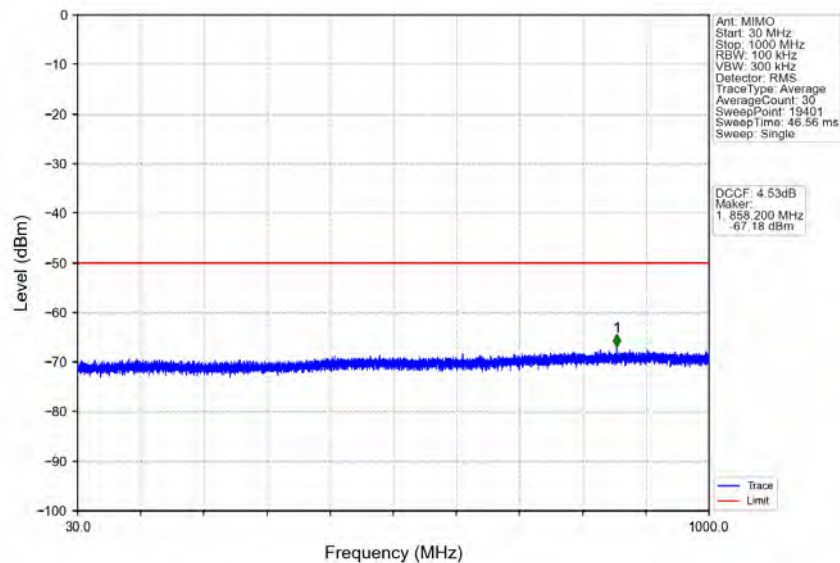
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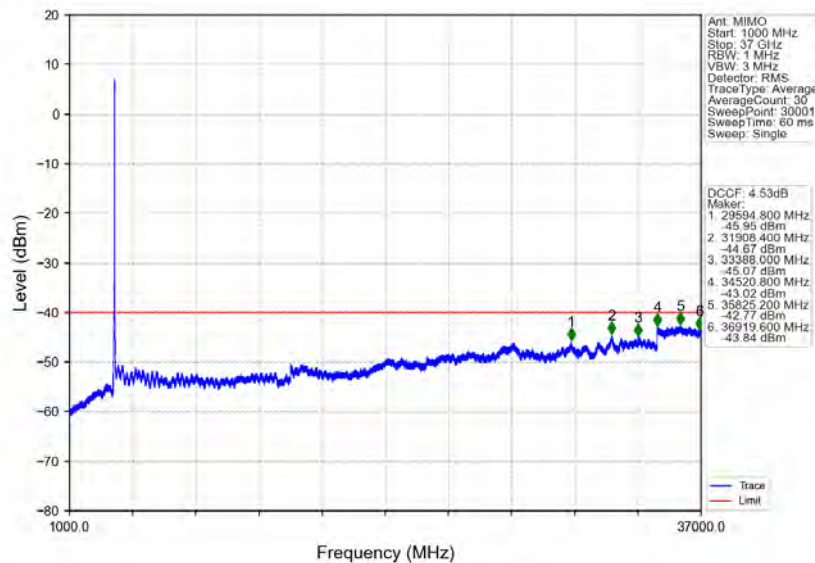
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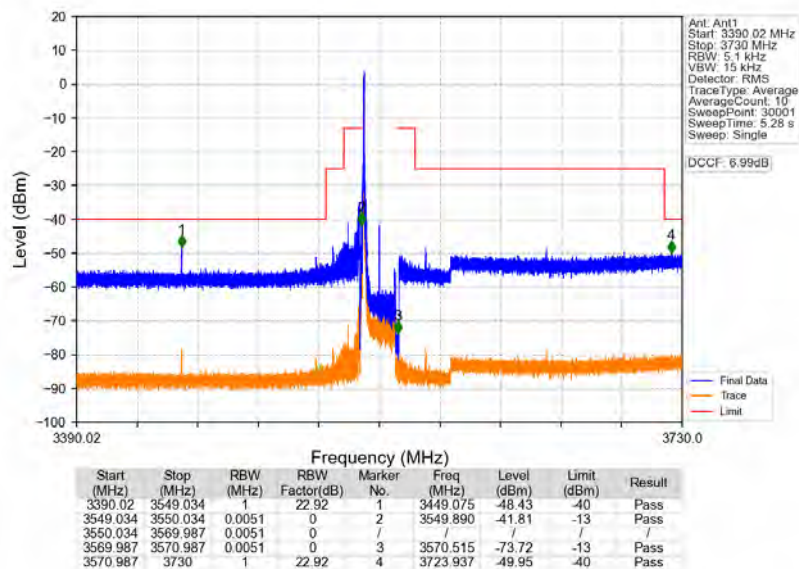
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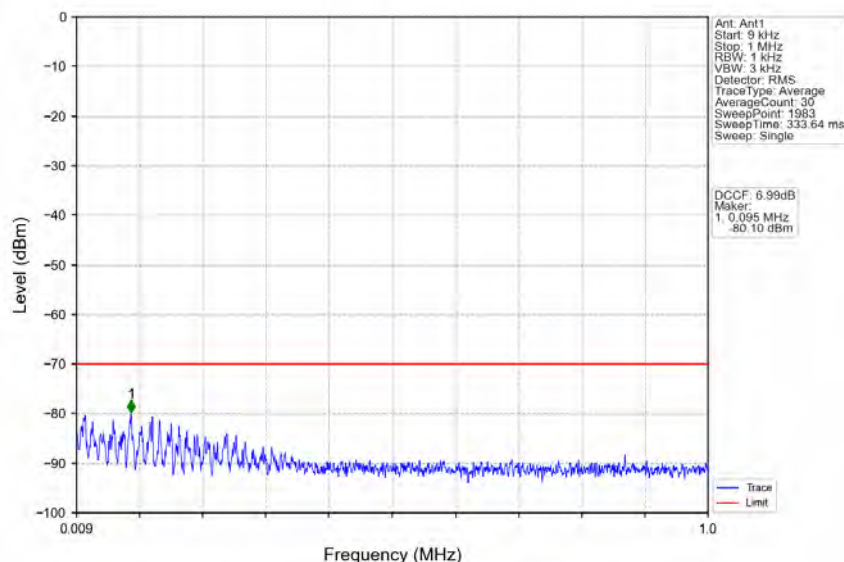
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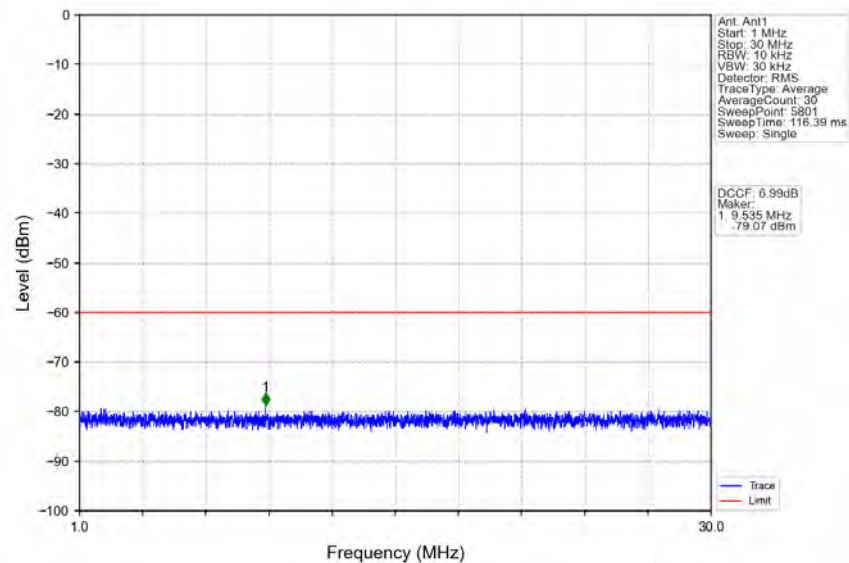
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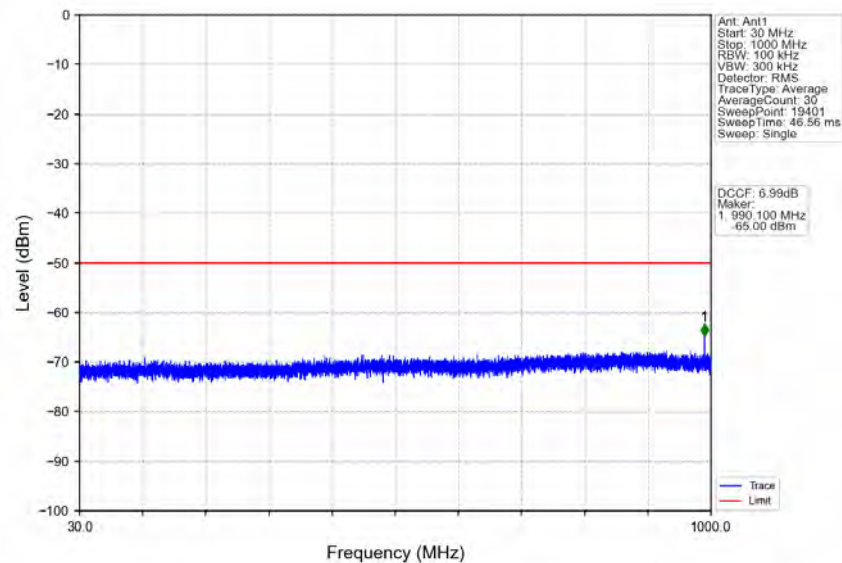
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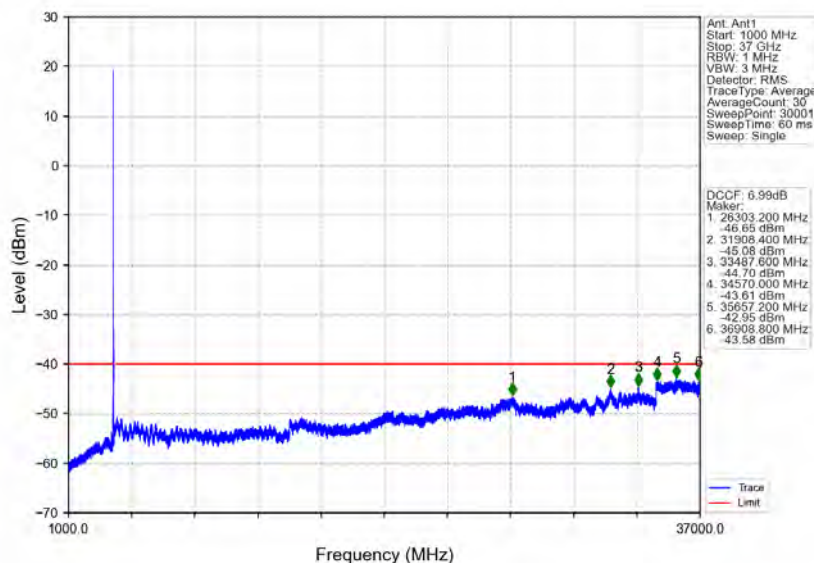
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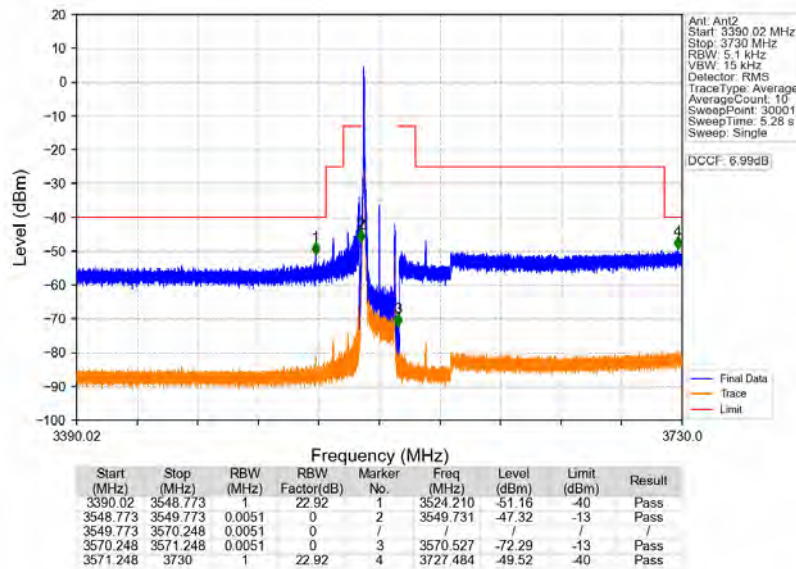
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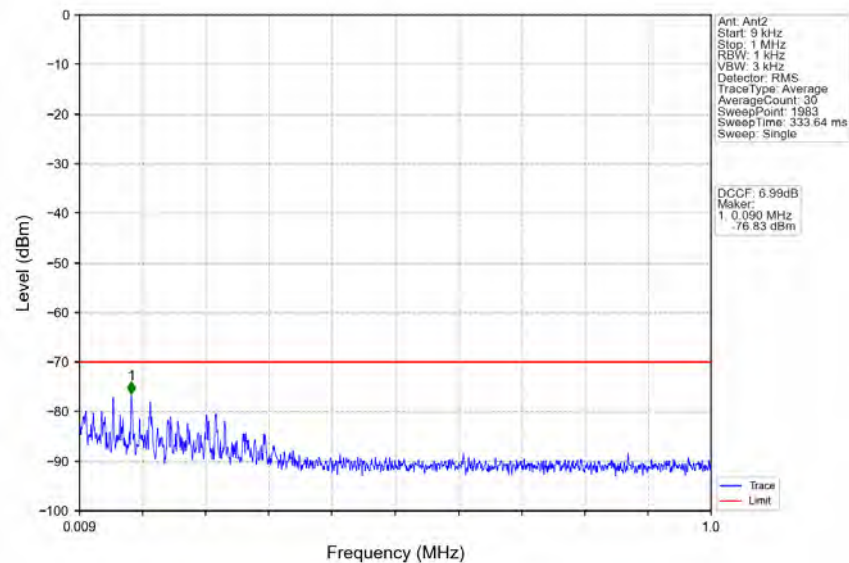
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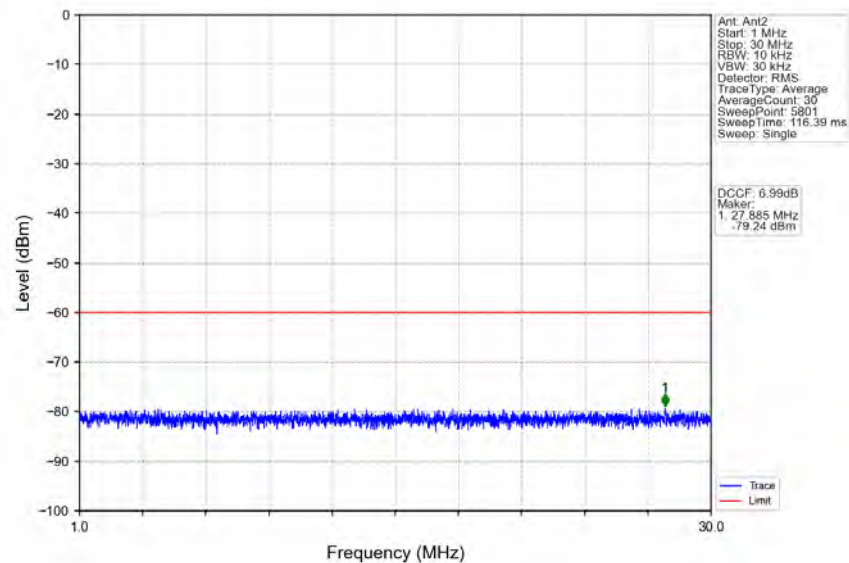
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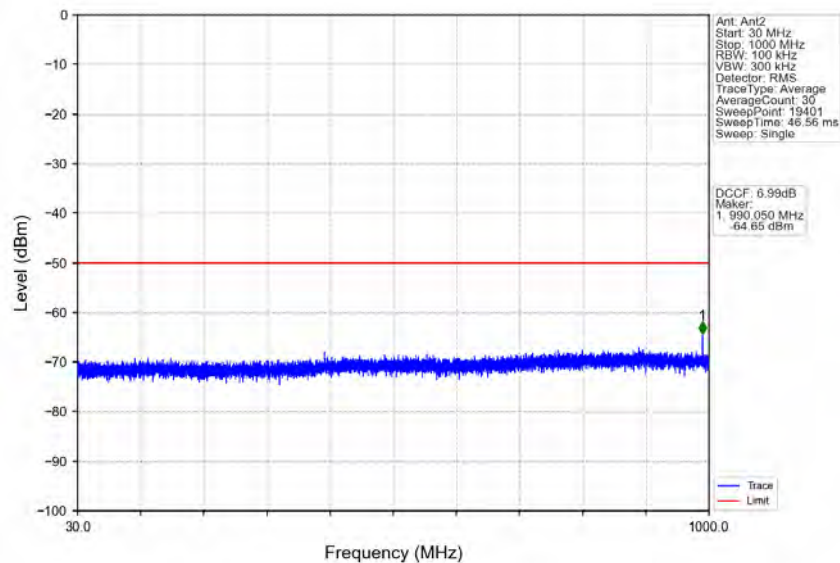
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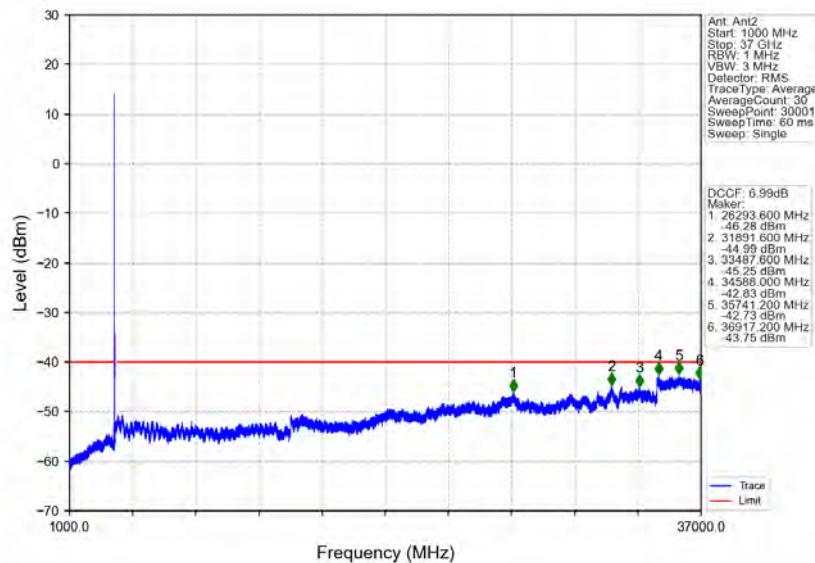
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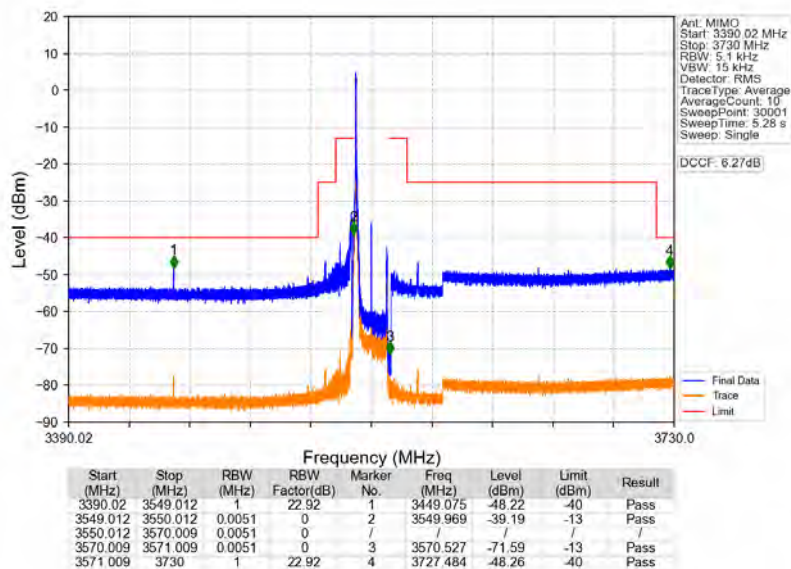
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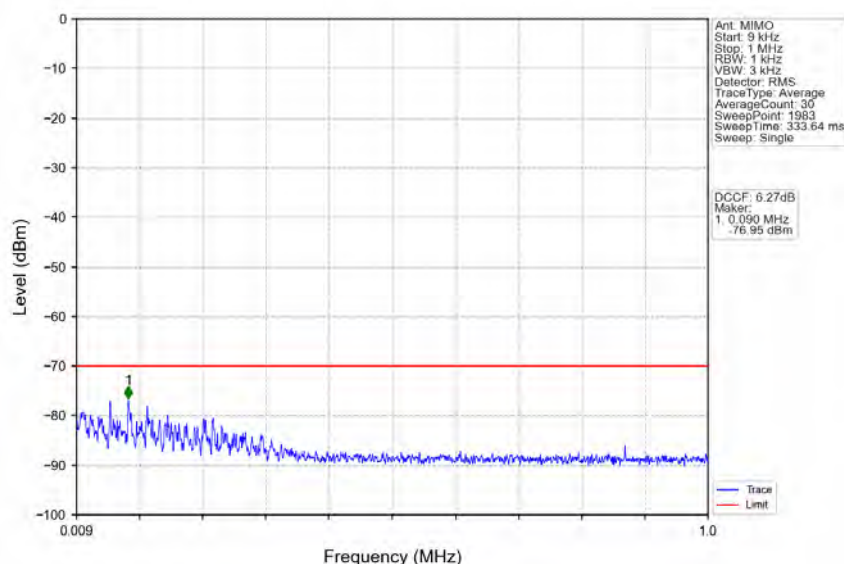
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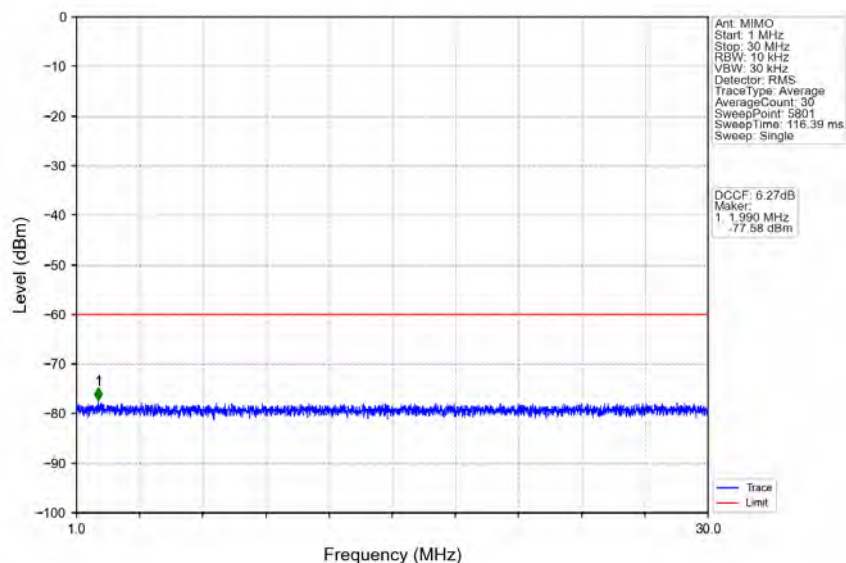
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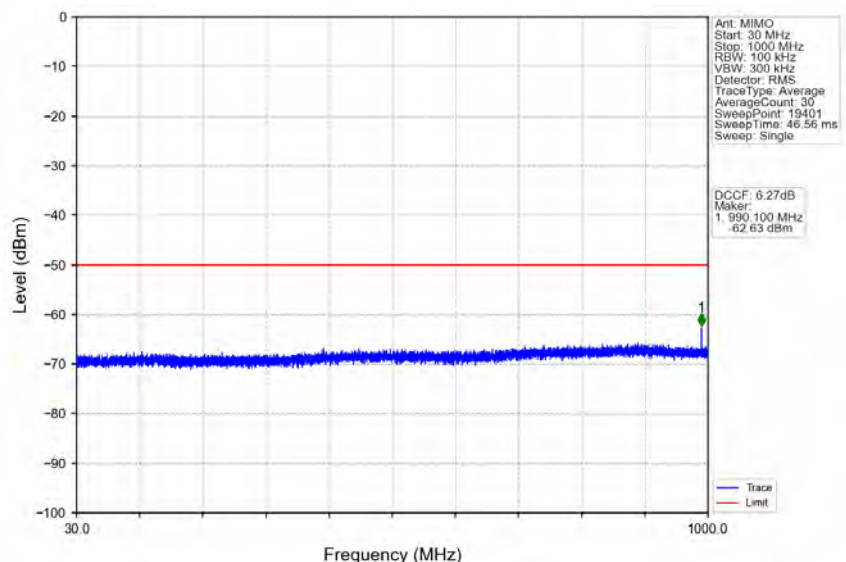
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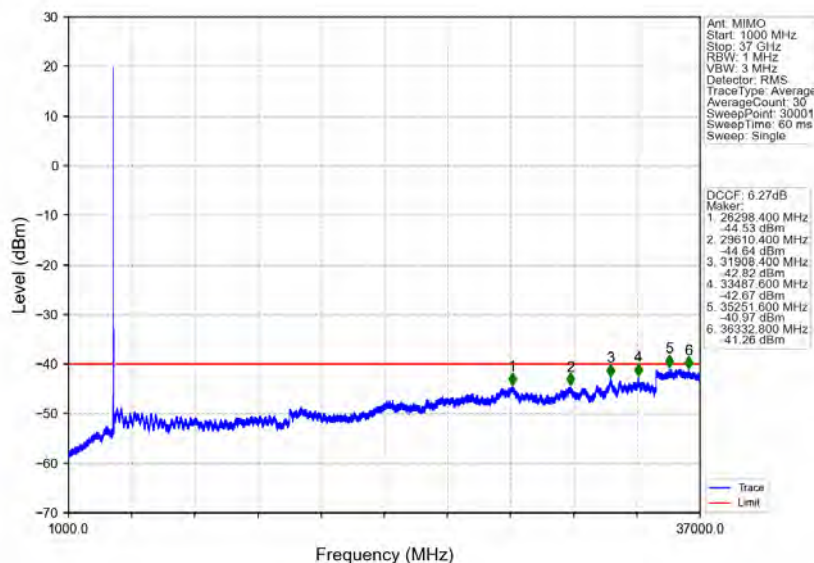
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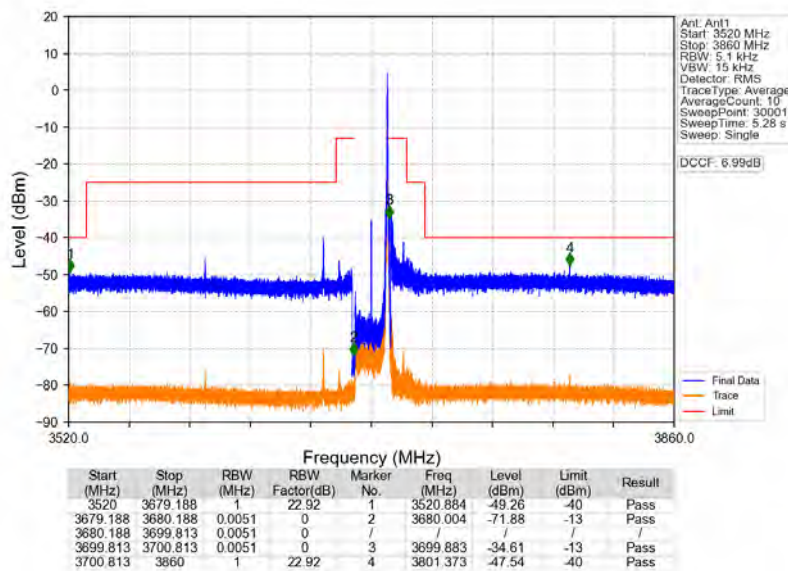
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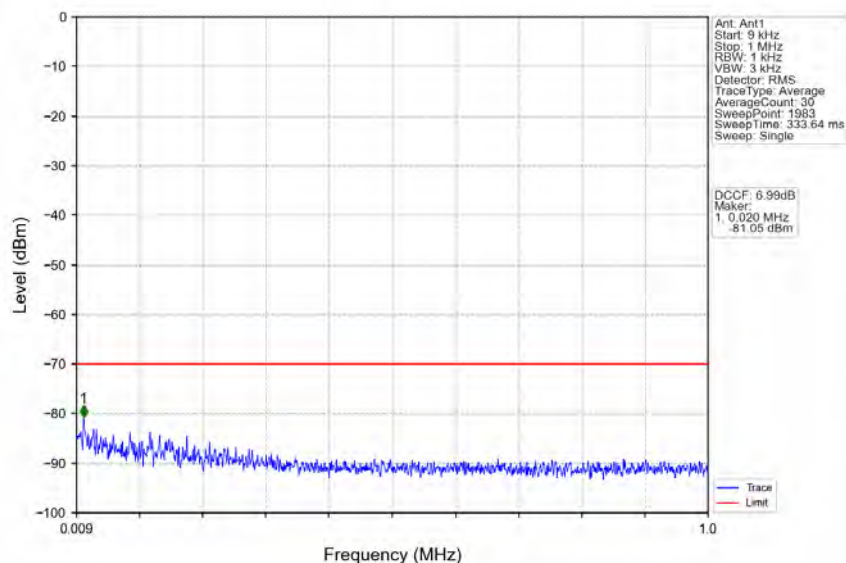
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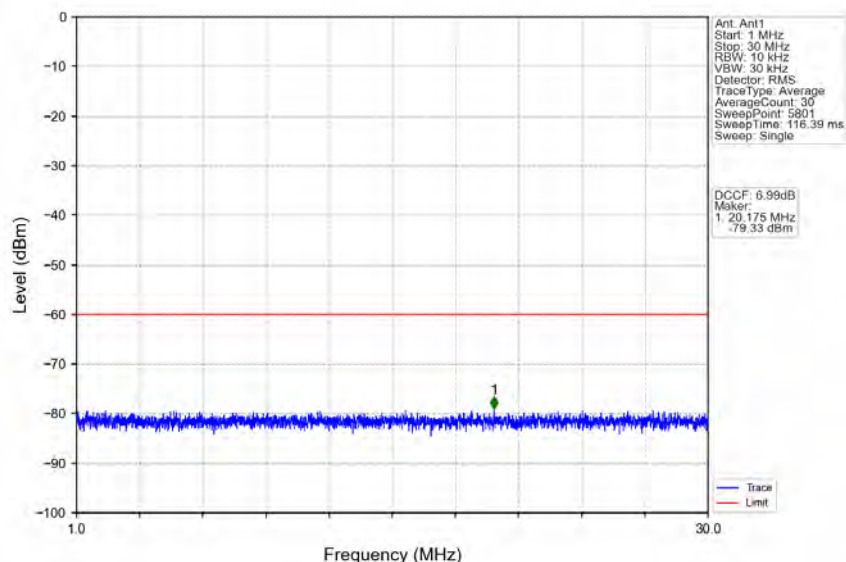
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n78d_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3690MHz_Edge_1RB_Right



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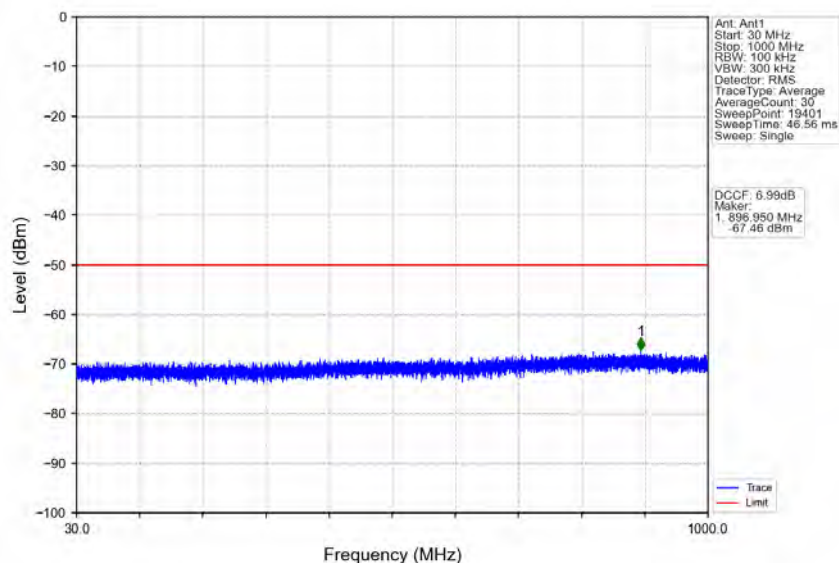
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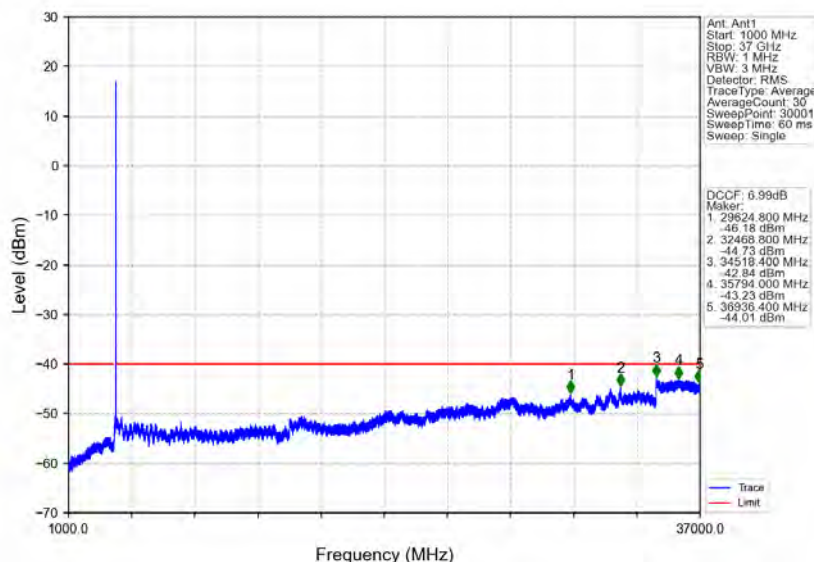
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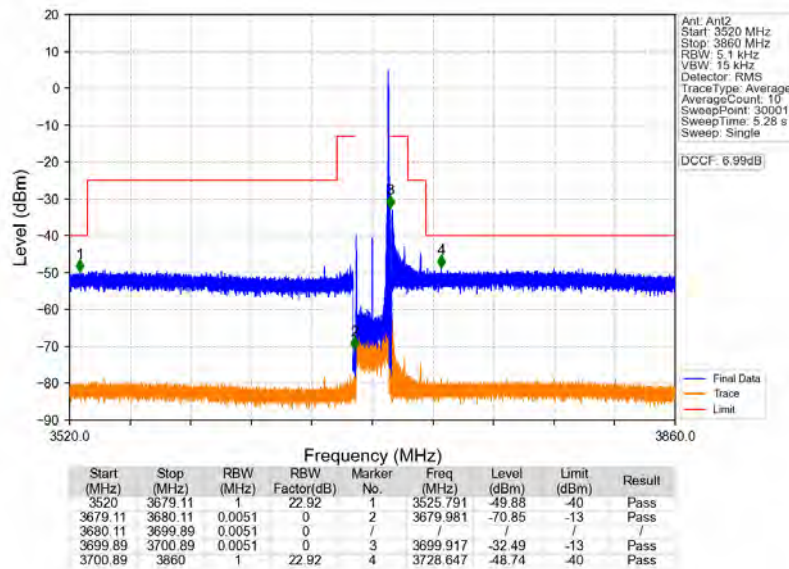
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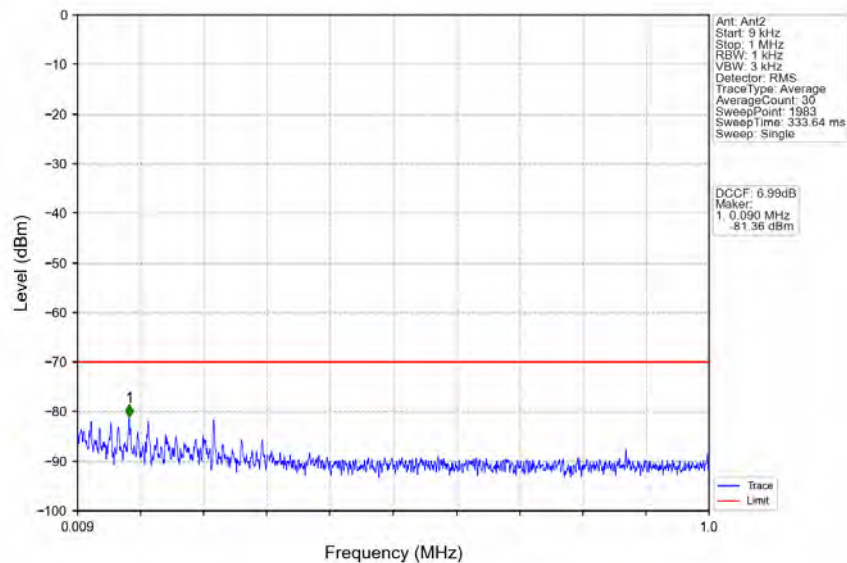
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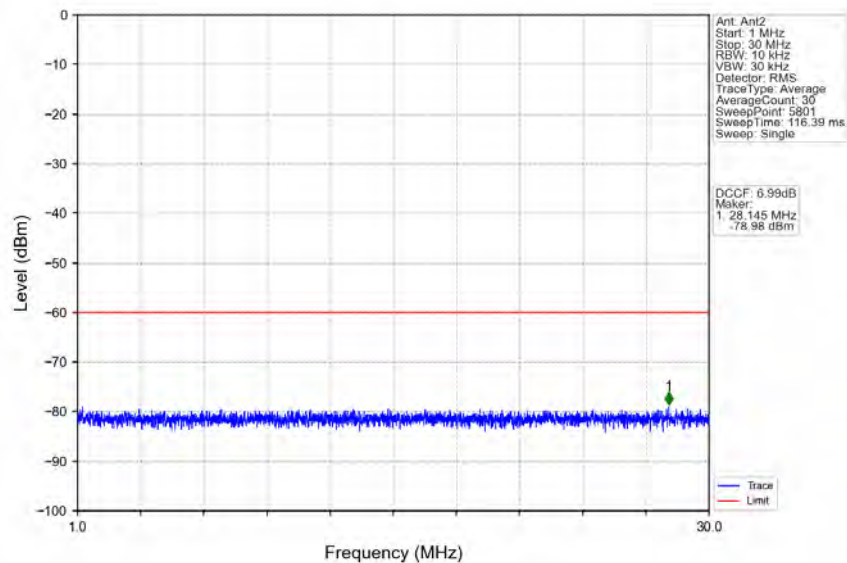
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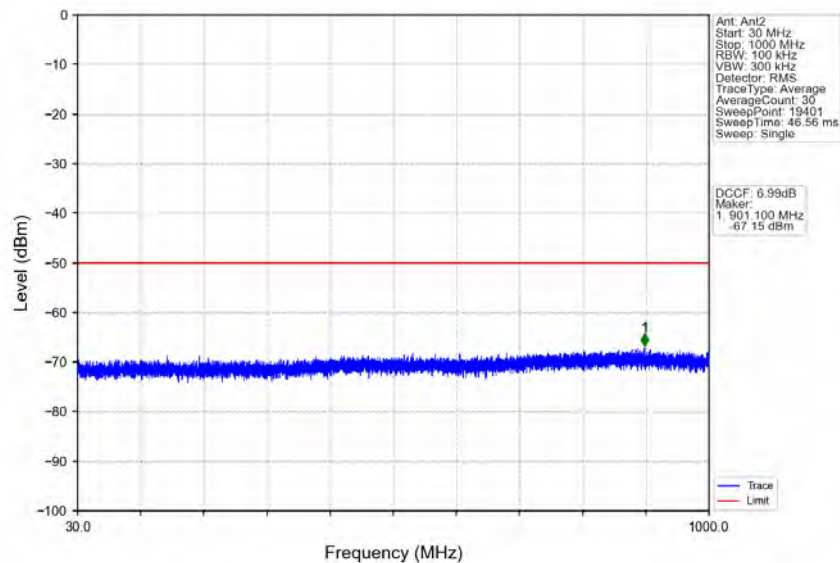
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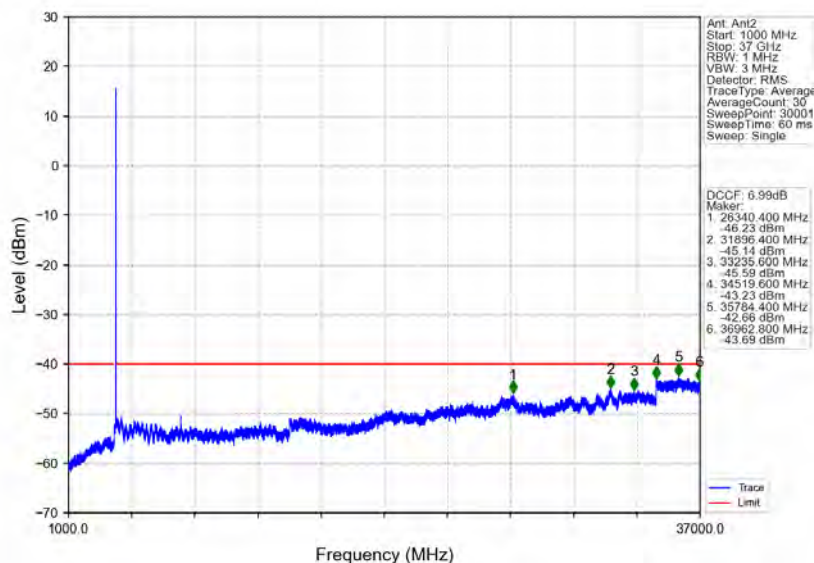
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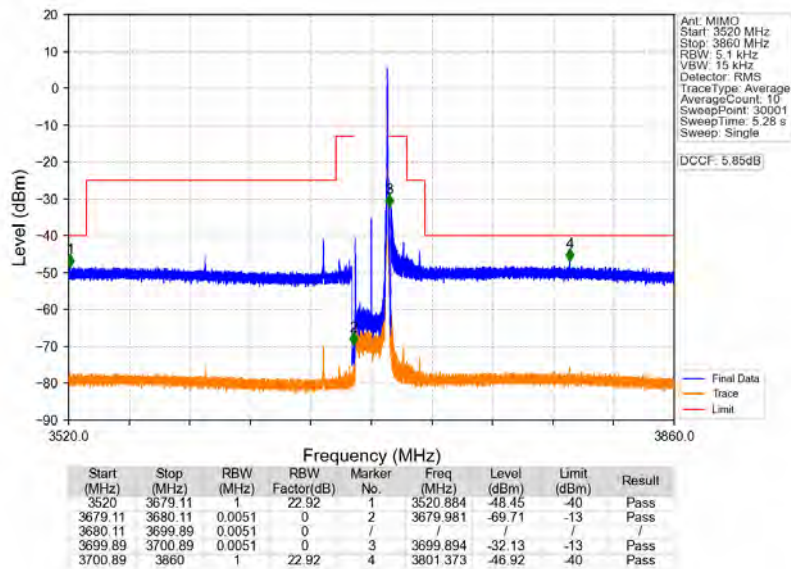
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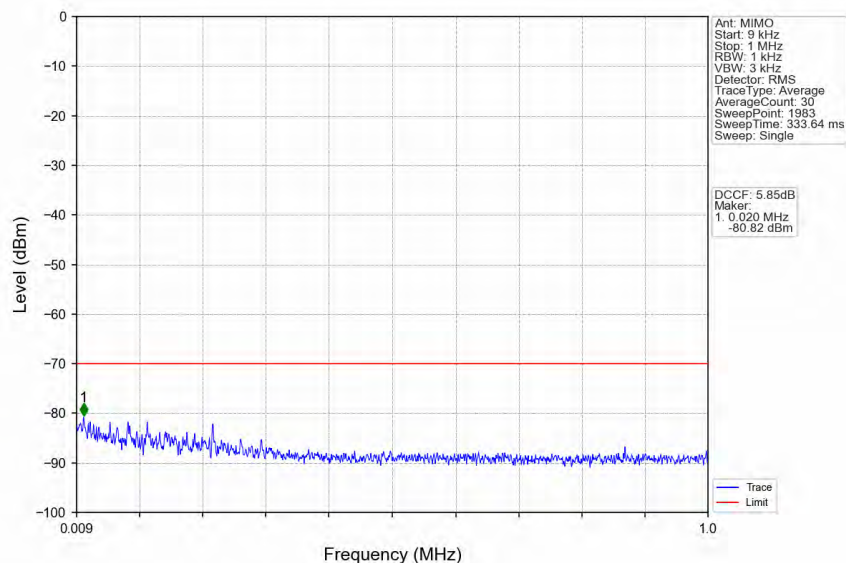
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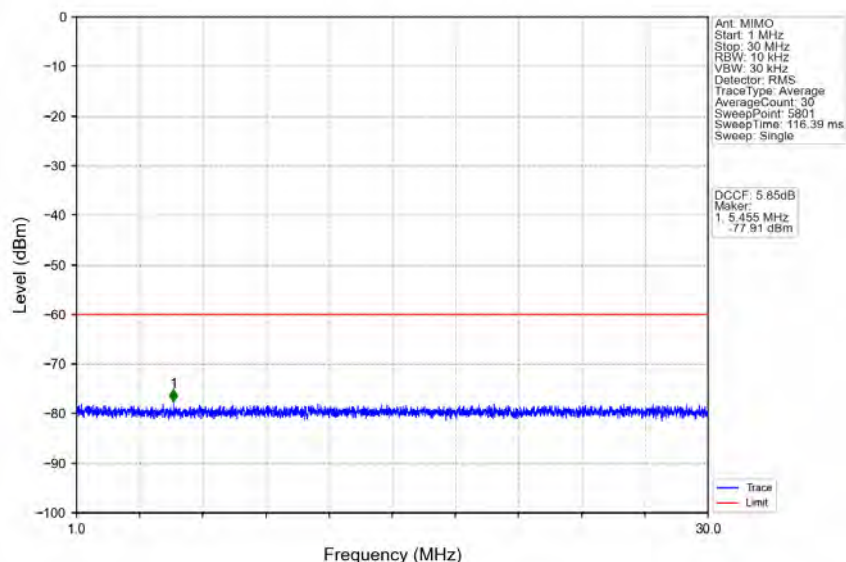
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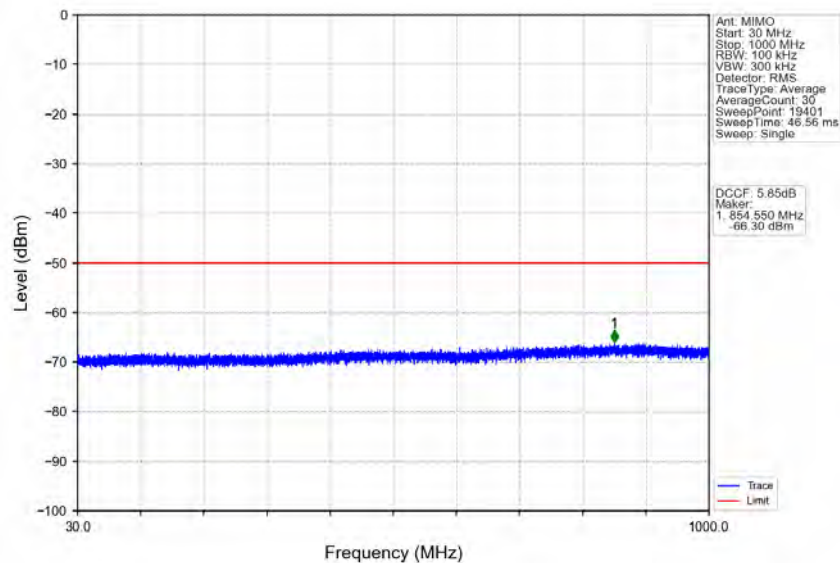
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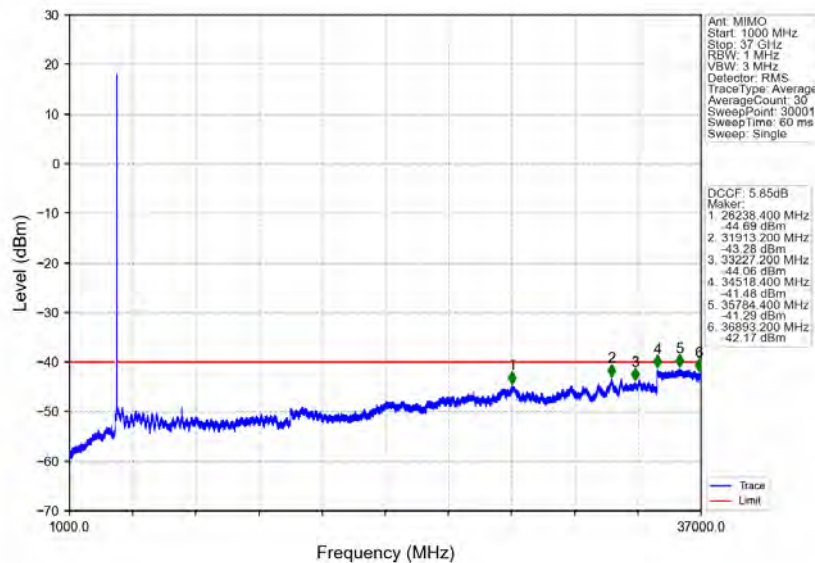
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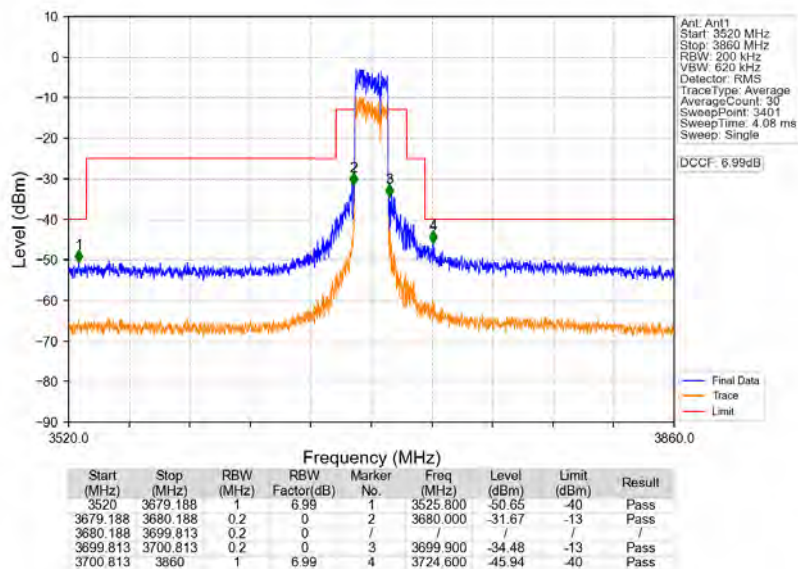
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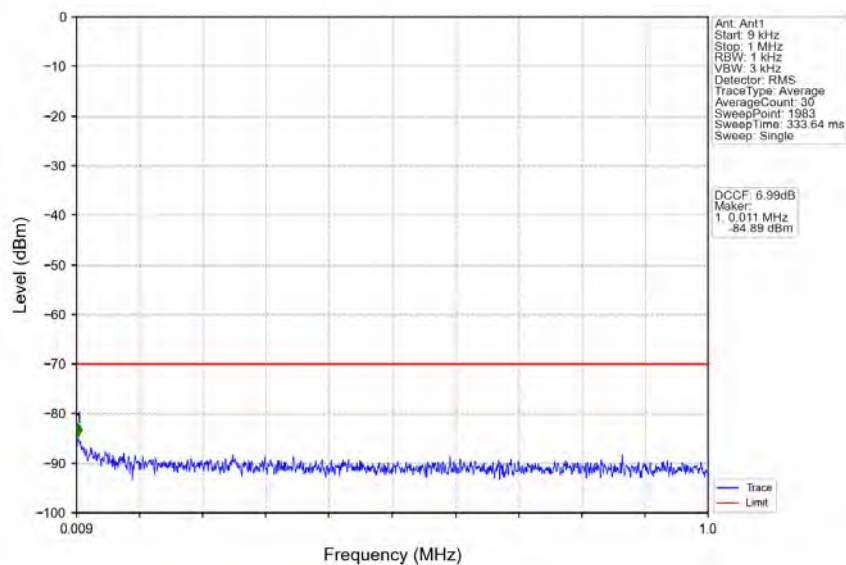
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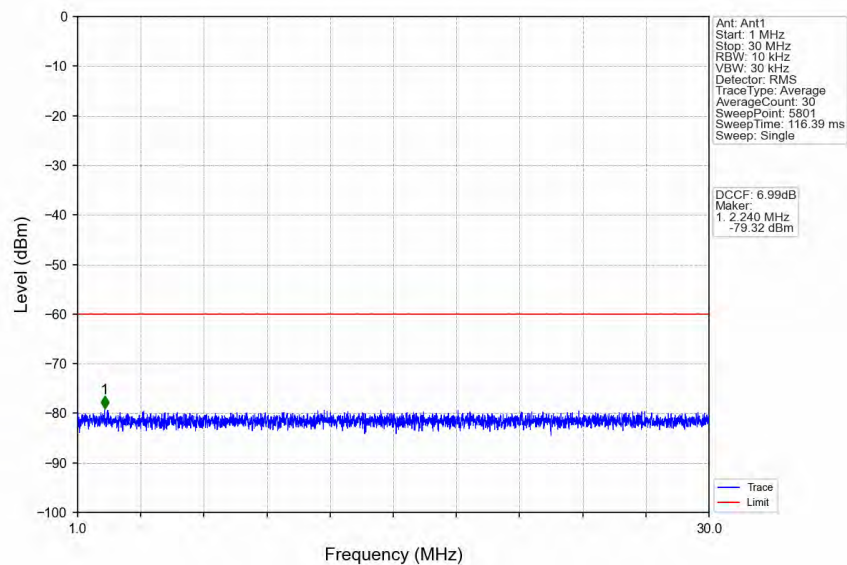
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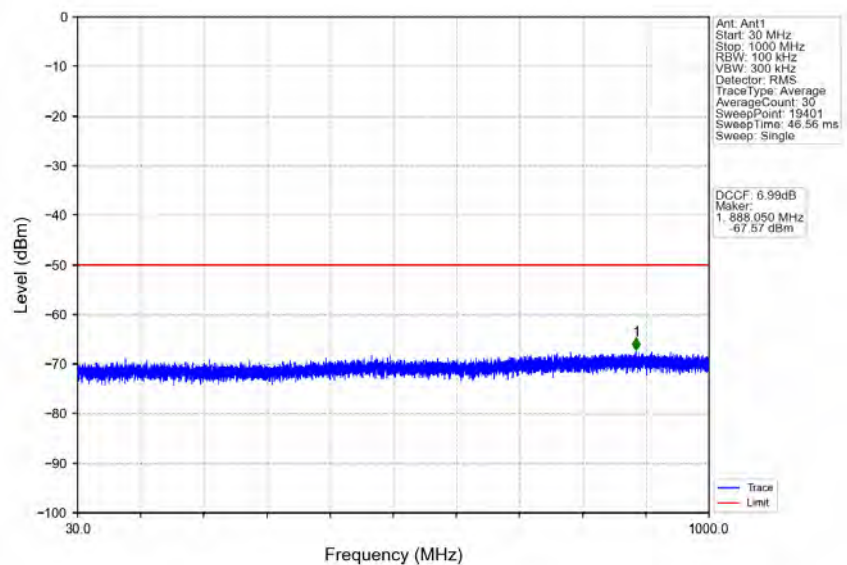
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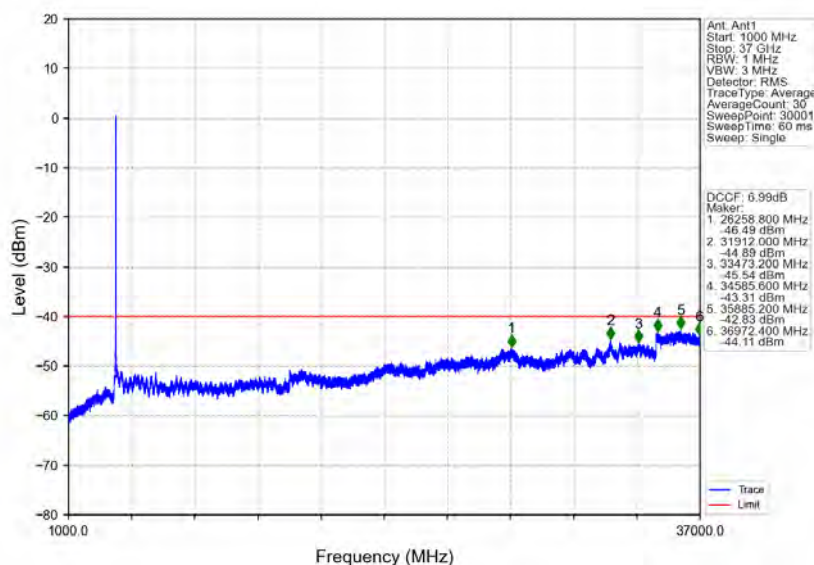
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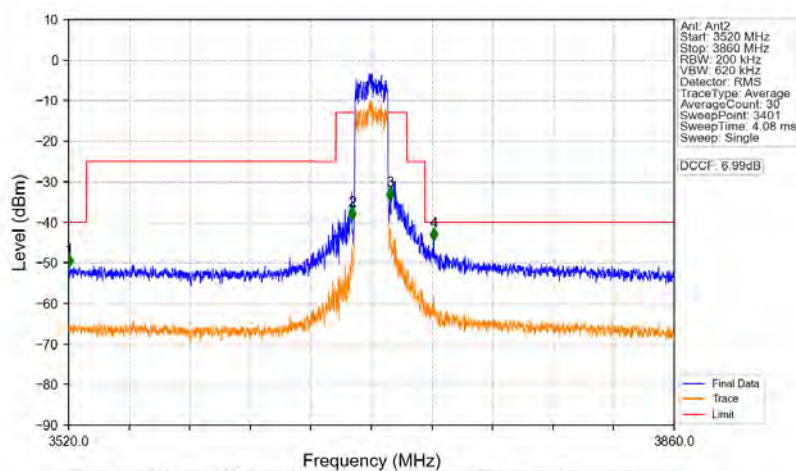
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n78d 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 3690MHz Outer Full



n78d	30kHz	MIMO	NTNV	20MHz	CP-OFDM	QPSK	3690MHz	Outer	Full
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3679.029	1	6.99	1	3520.300	-51.01	-40	Pass
3679.029	3680.029	0.2	0	2	3679.100	-39.35	-13	Pass
3680.029	3699.972	0.2	0	1				
3699.972	3700.972	0.2	0	3	3700.400	-34.55	-13	Pass
3700.972	3860	1	6.99	4	3725.000	-44.57	-40	Pass

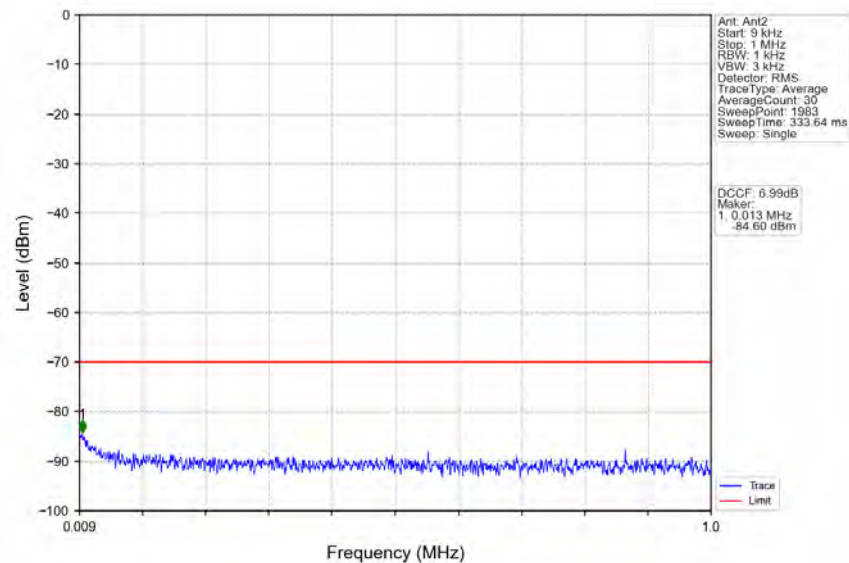


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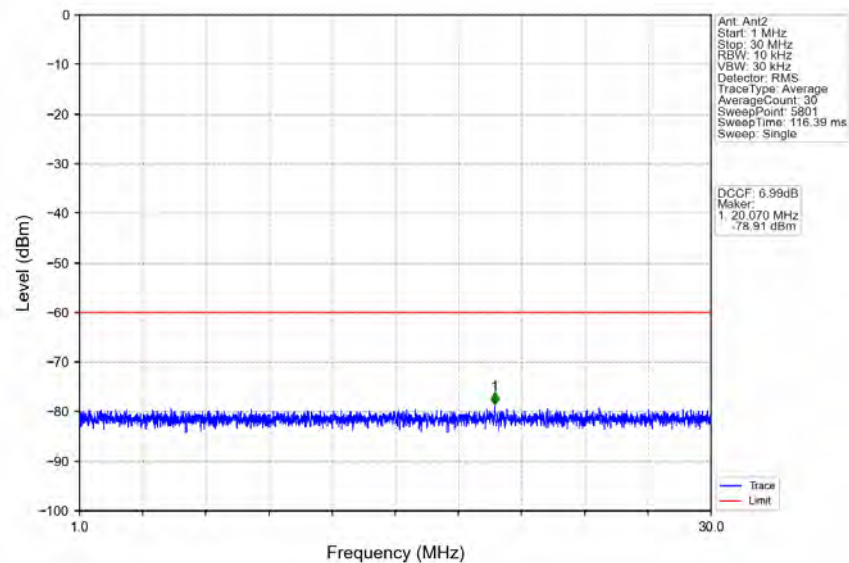
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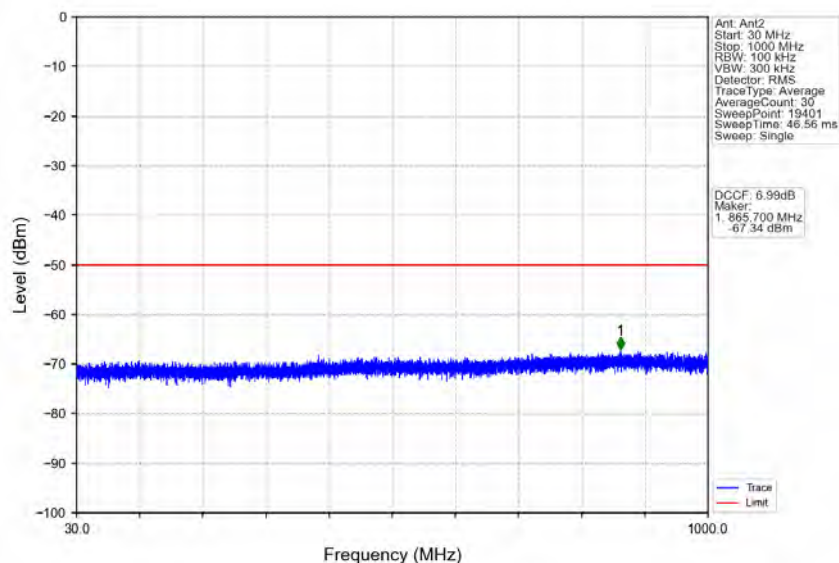
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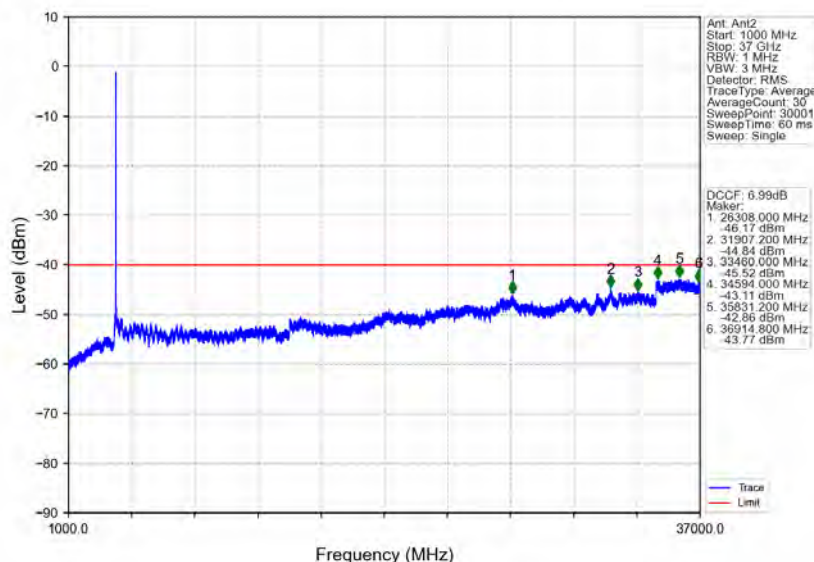
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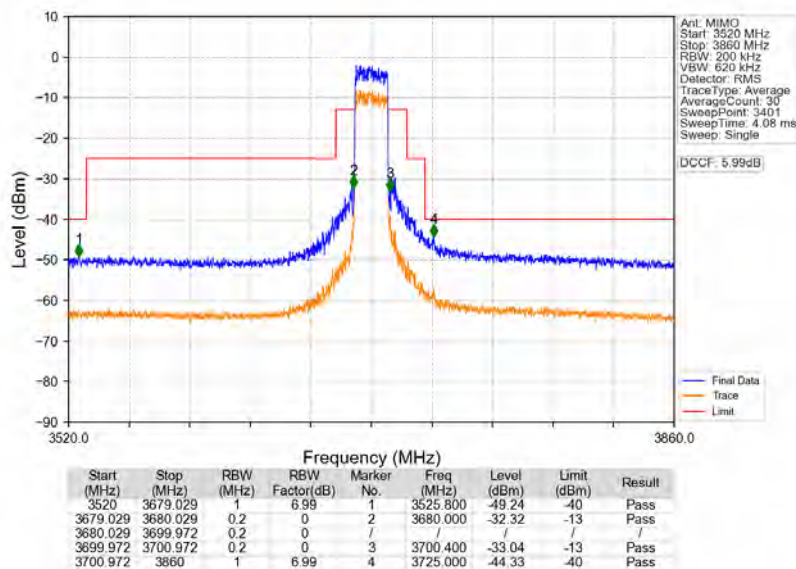
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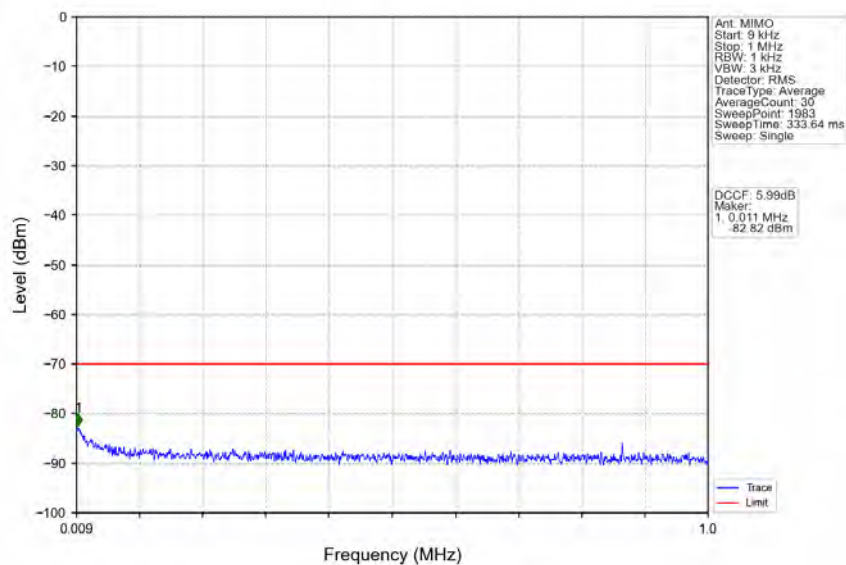
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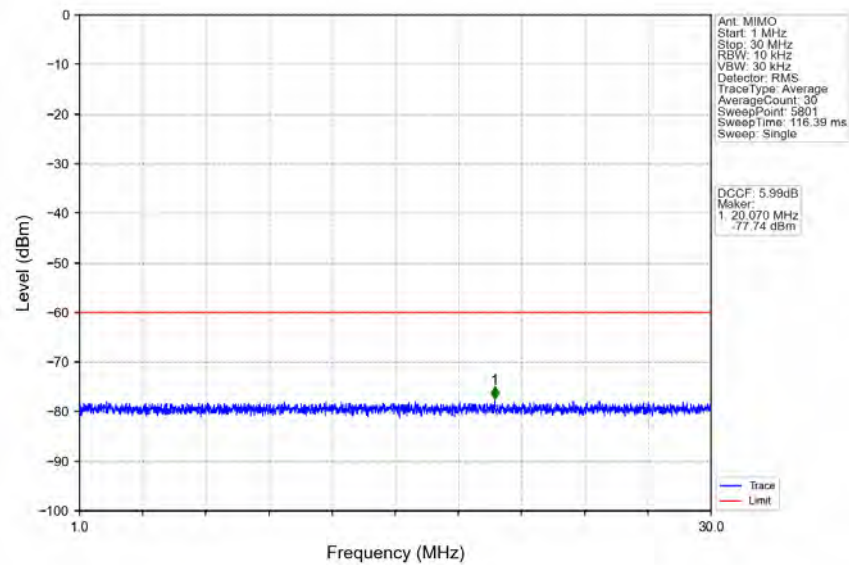
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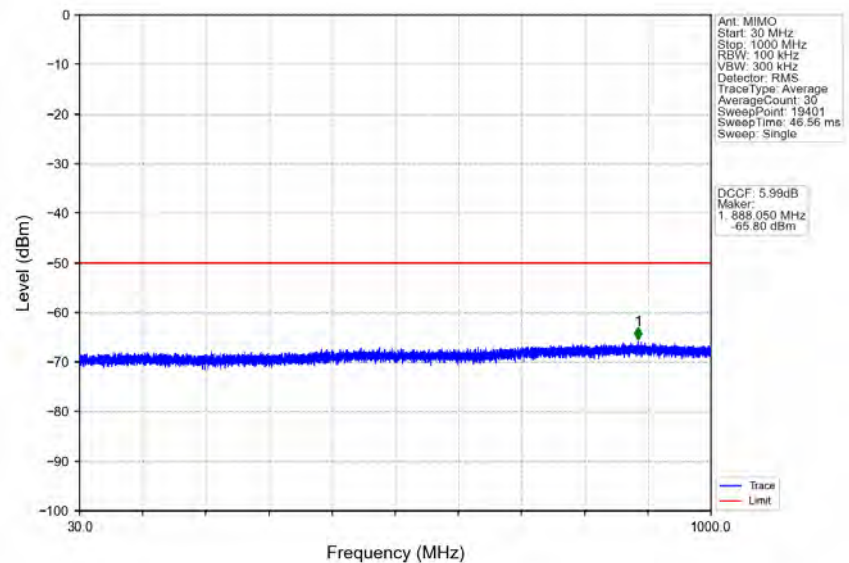
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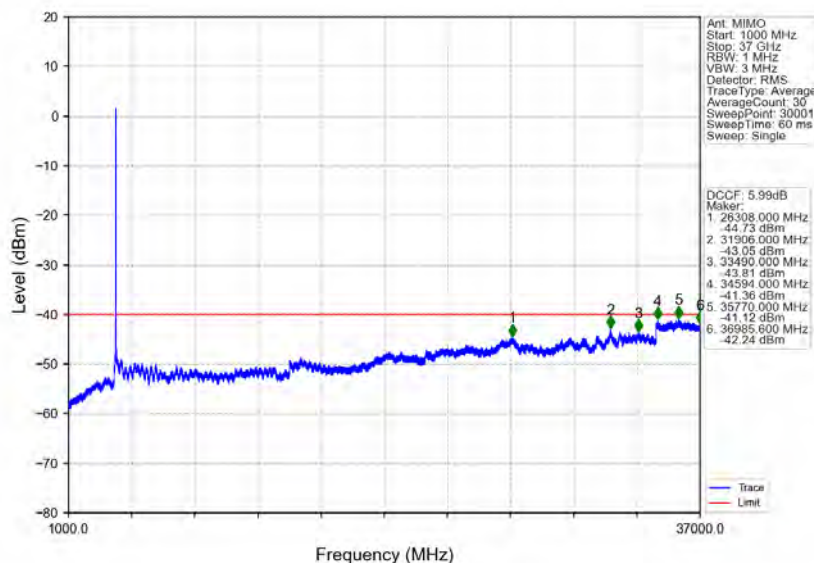
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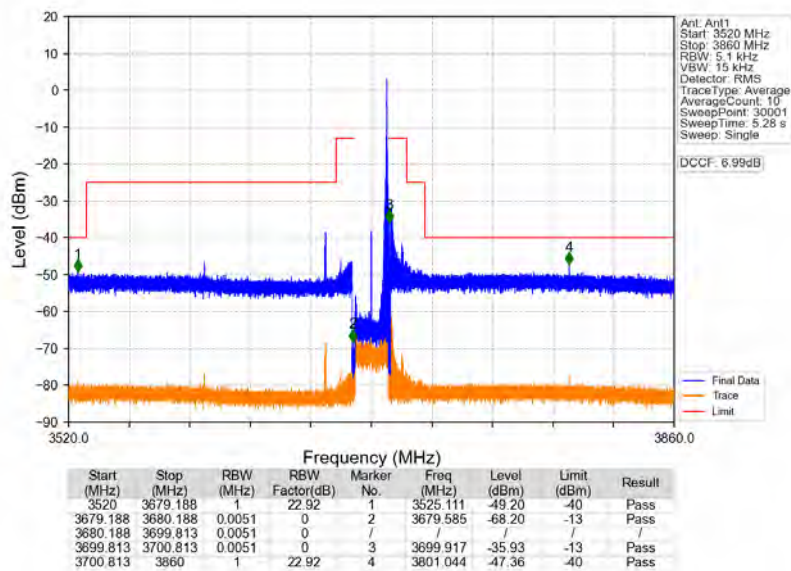
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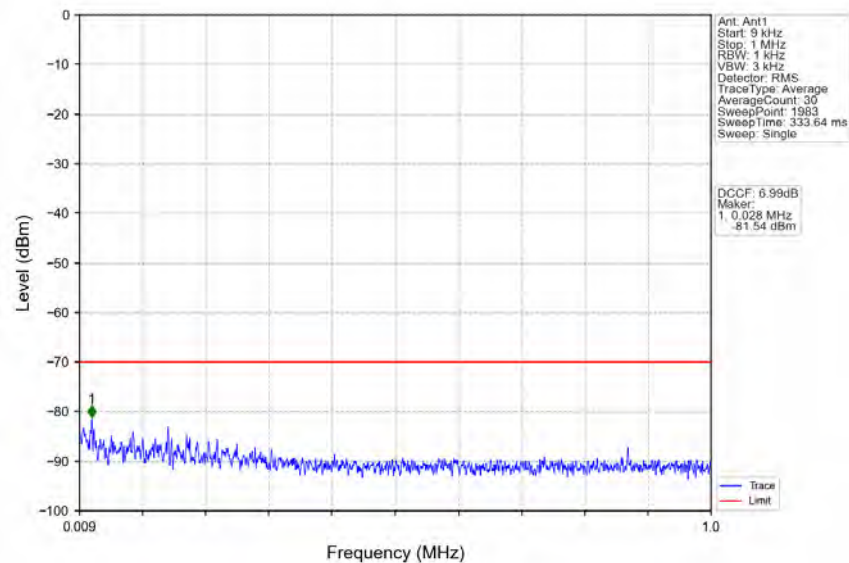
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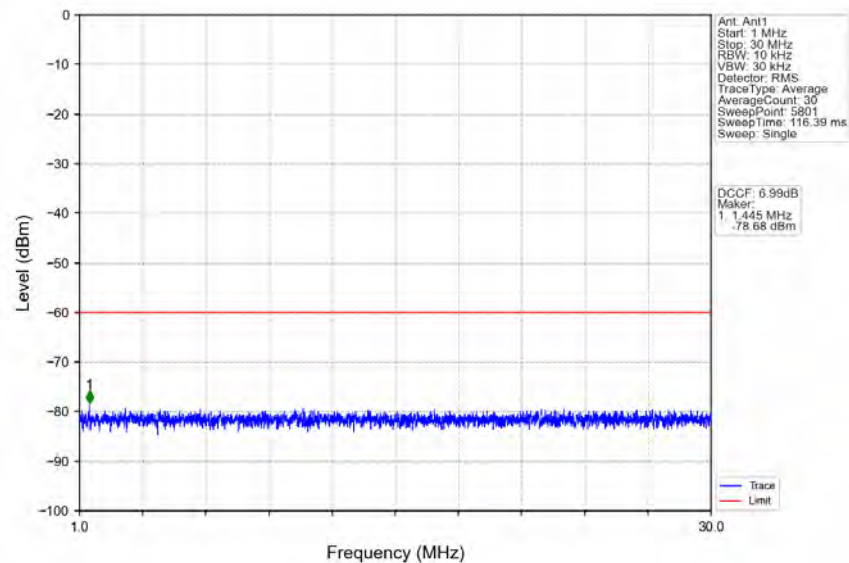
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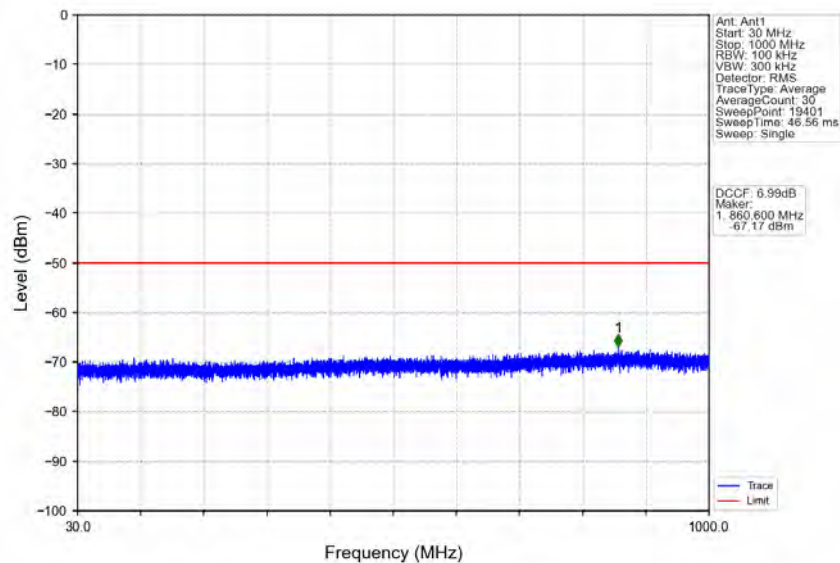
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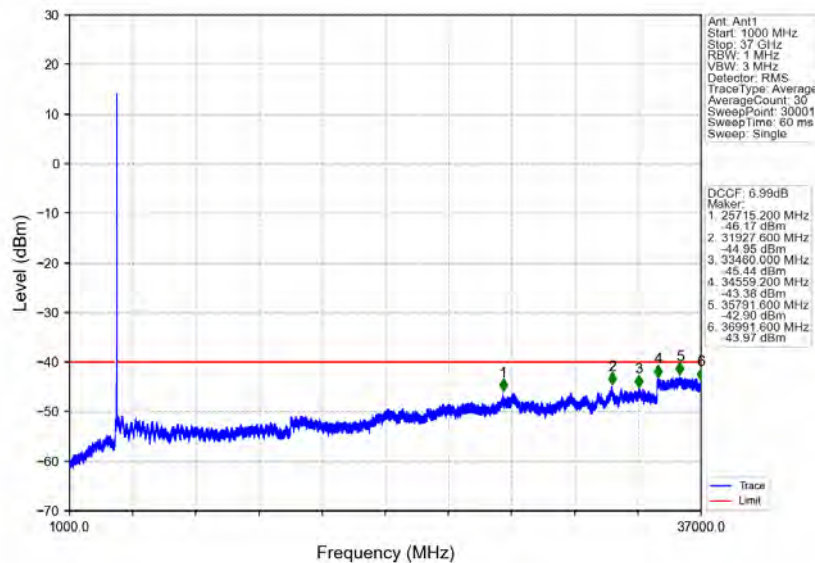
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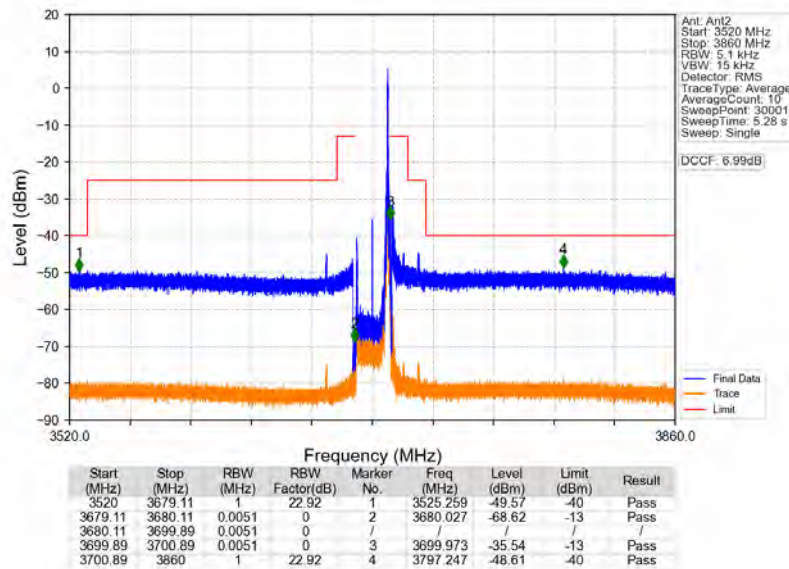
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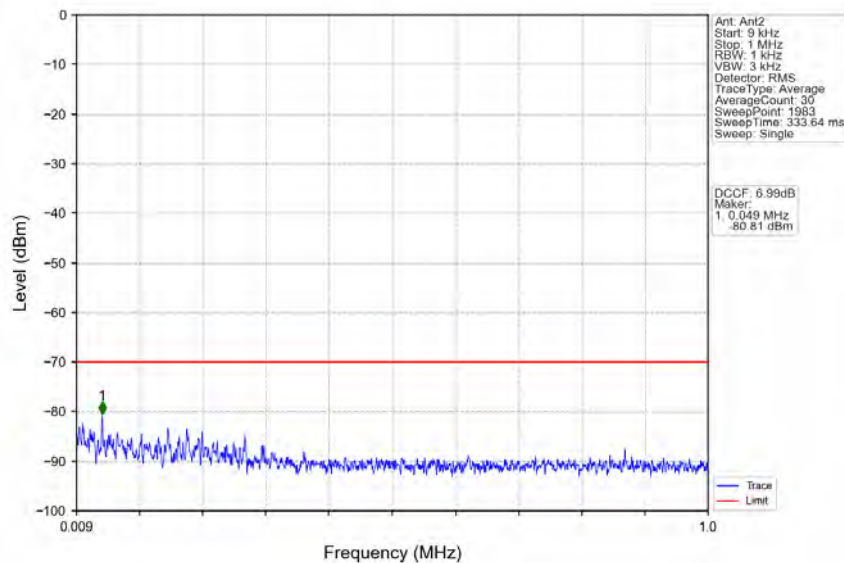
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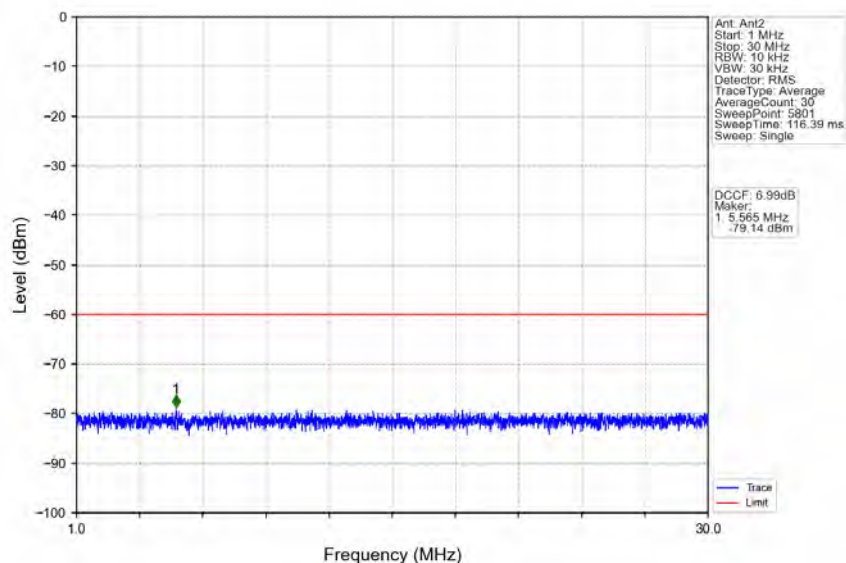
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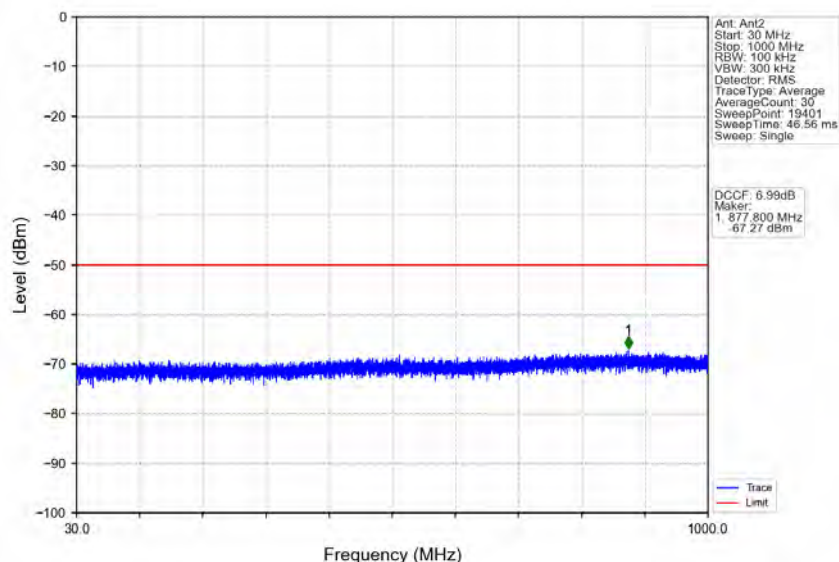
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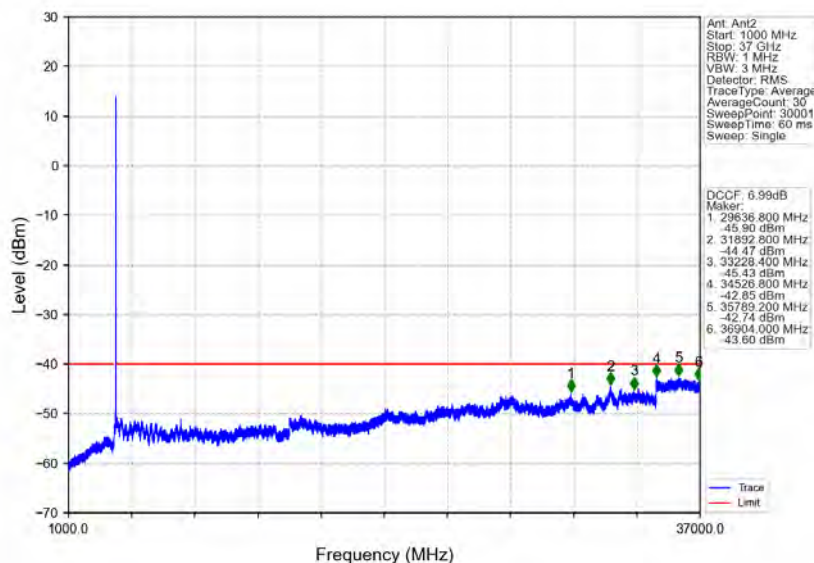
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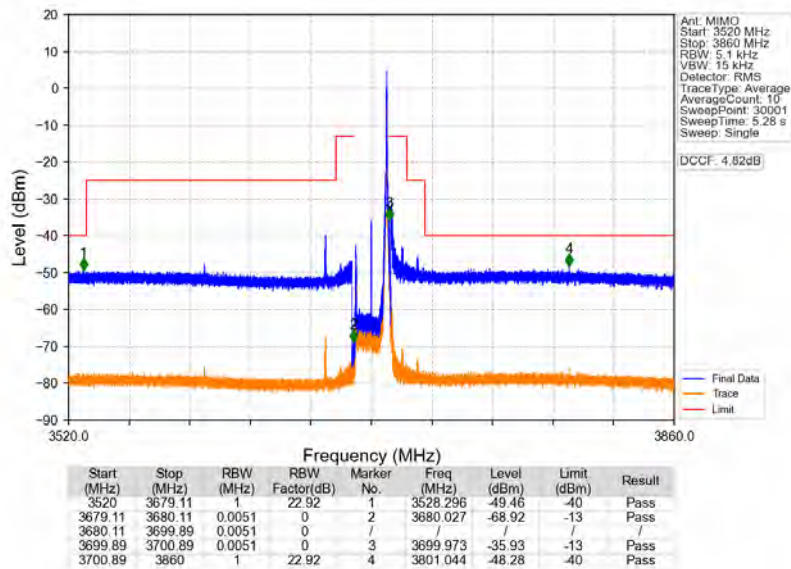
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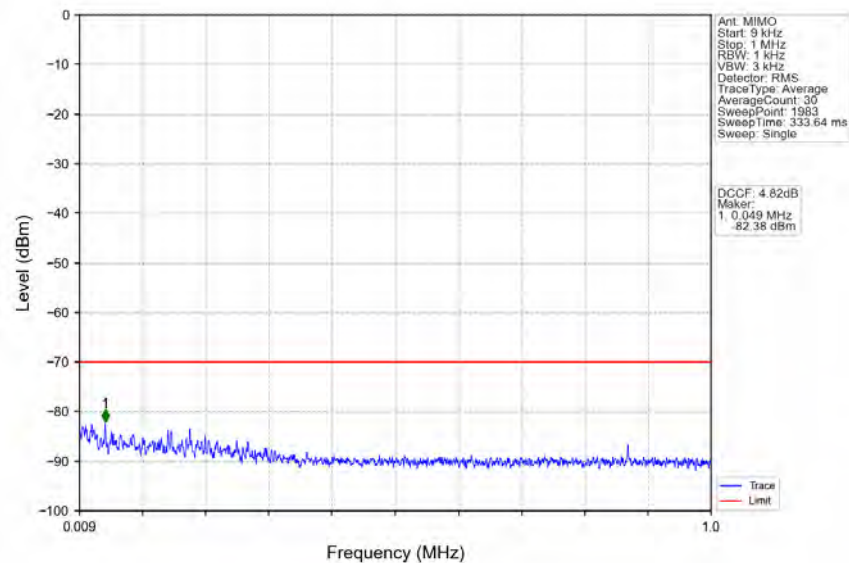
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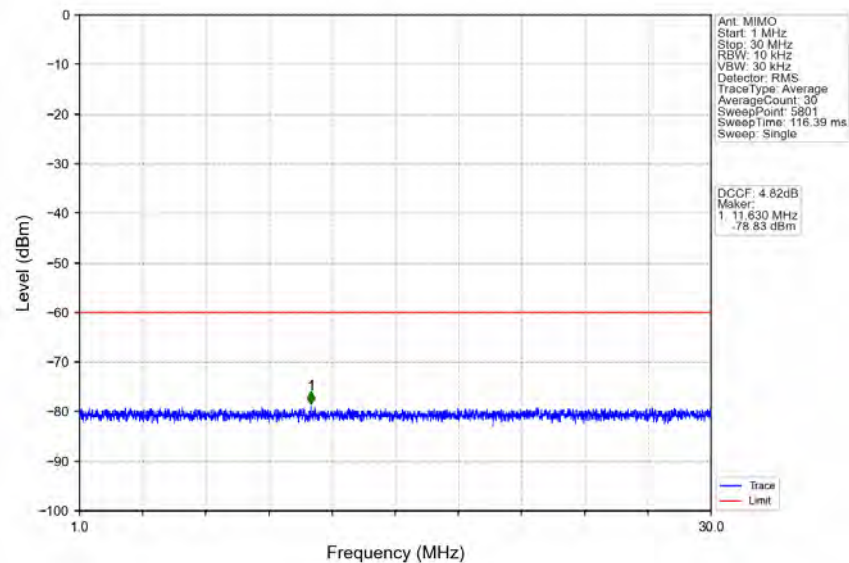
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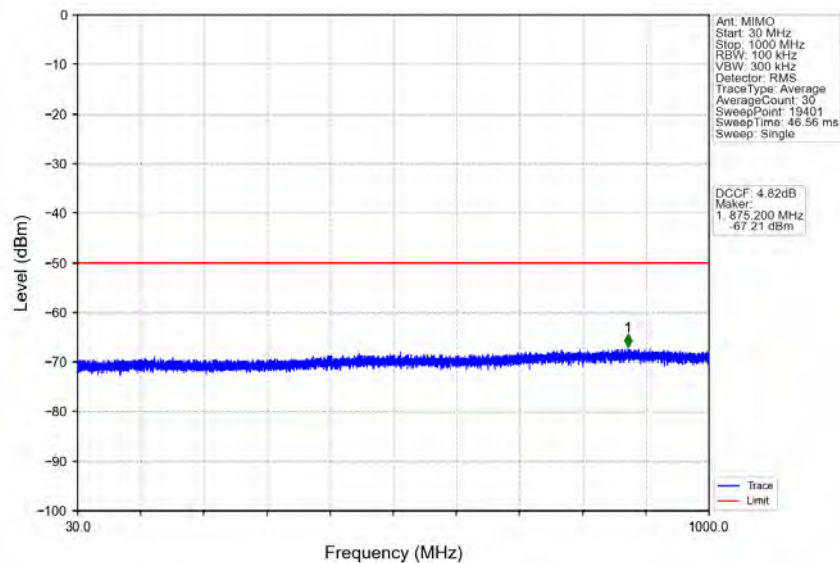
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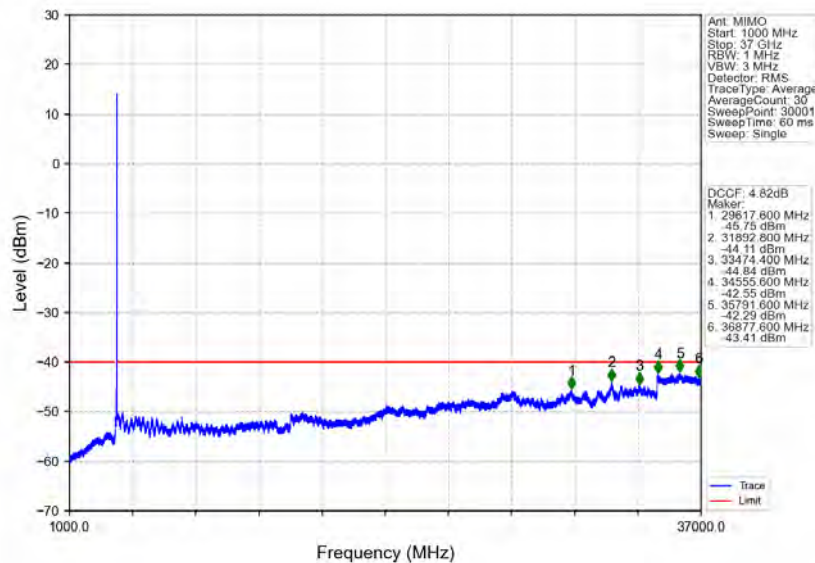
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6.4 30k_MIMO_30MHz_NTNV

6.4.1 Test Result

5G NR n78d SCS=30kHz MIMO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3565.02	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3684.99	Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass



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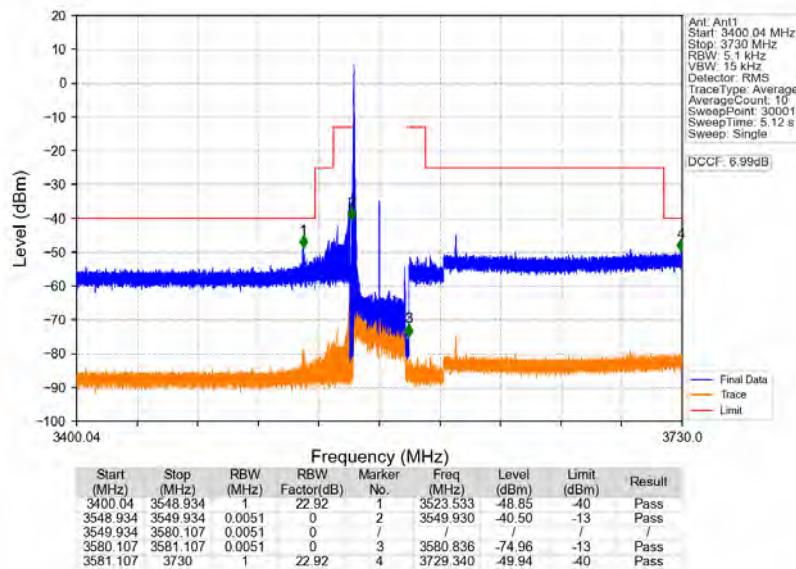
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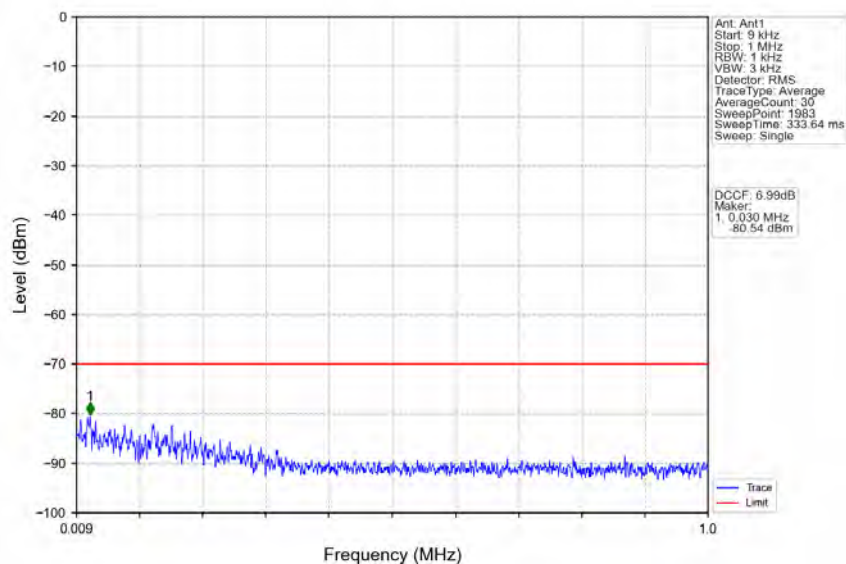
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6.4.2 Test Graph

n78d 30kHz MIMO_NTNV_30MHz_CP-OFDM QPSK_3565.02MHz_Edge_1RB_Left



n78d 30kHz MIMO_NTNV_30MHz_CP-OFDM QPSK_3565.02MHz_Edge_1RB_Left



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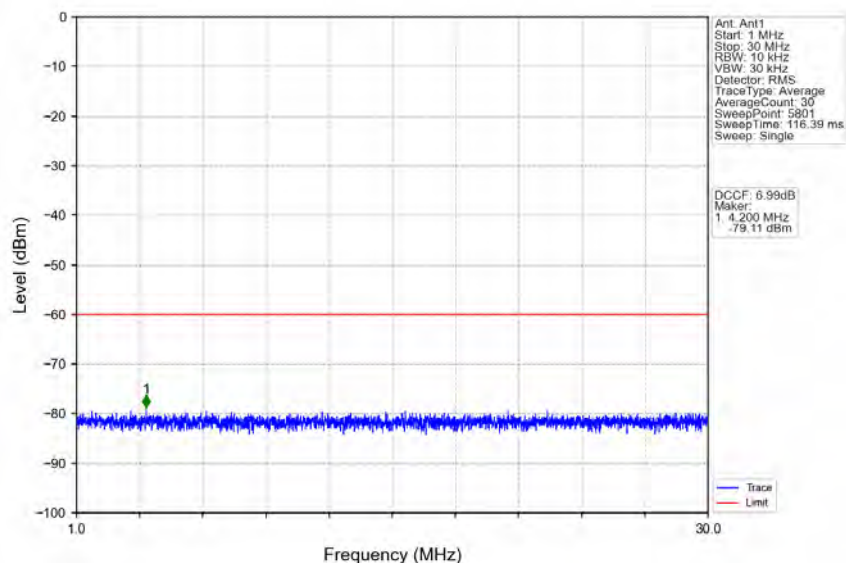
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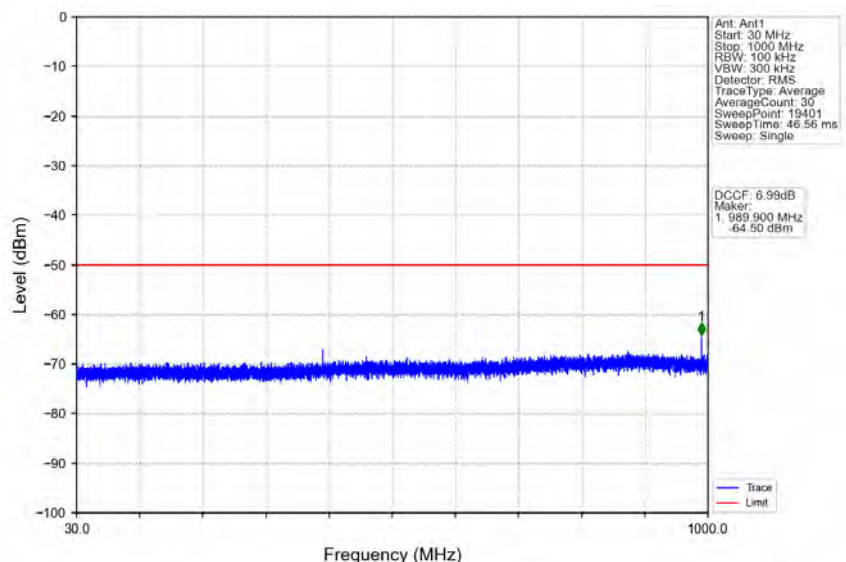
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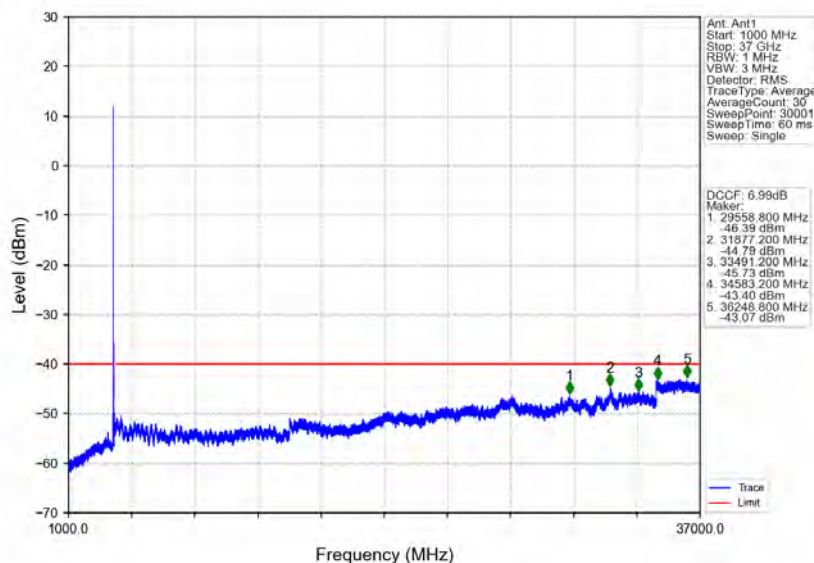
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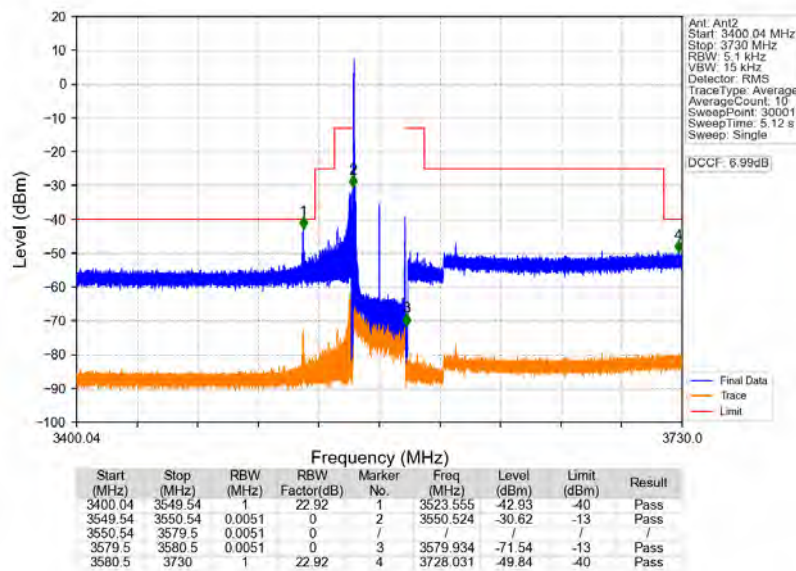
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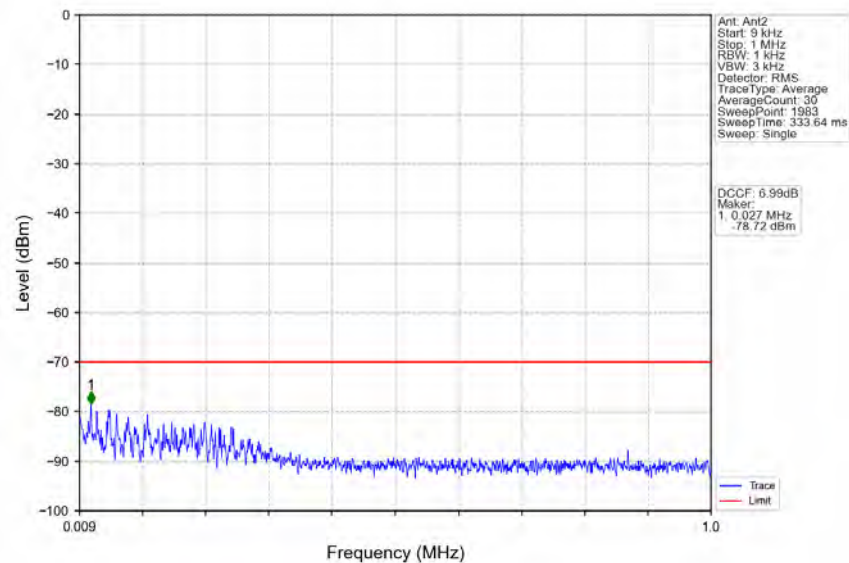
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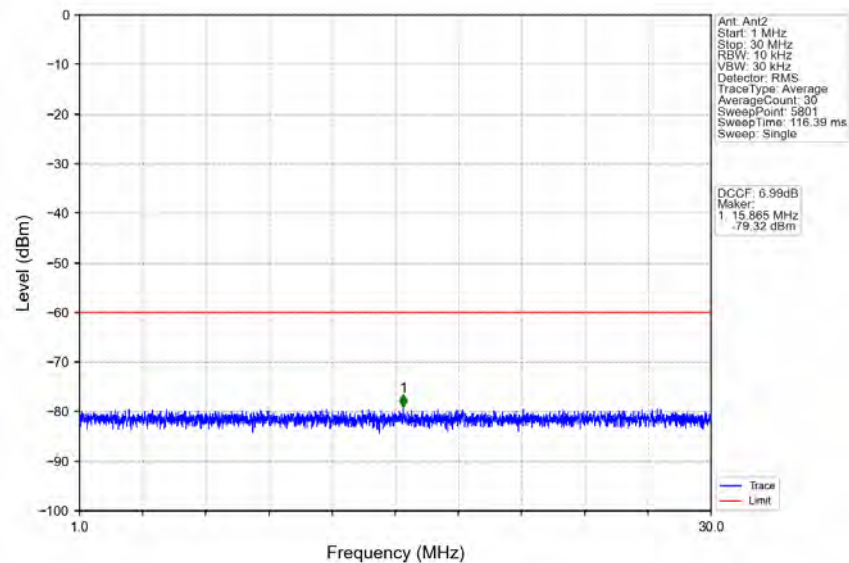
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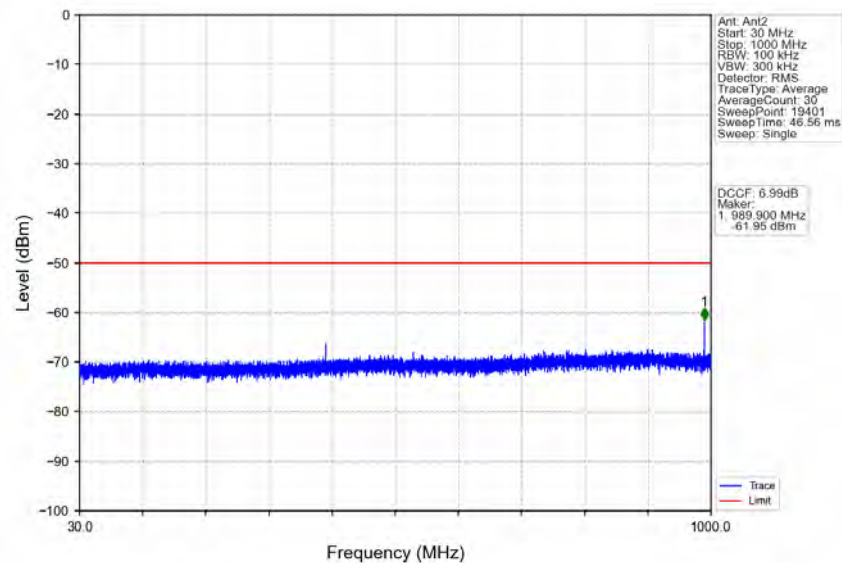
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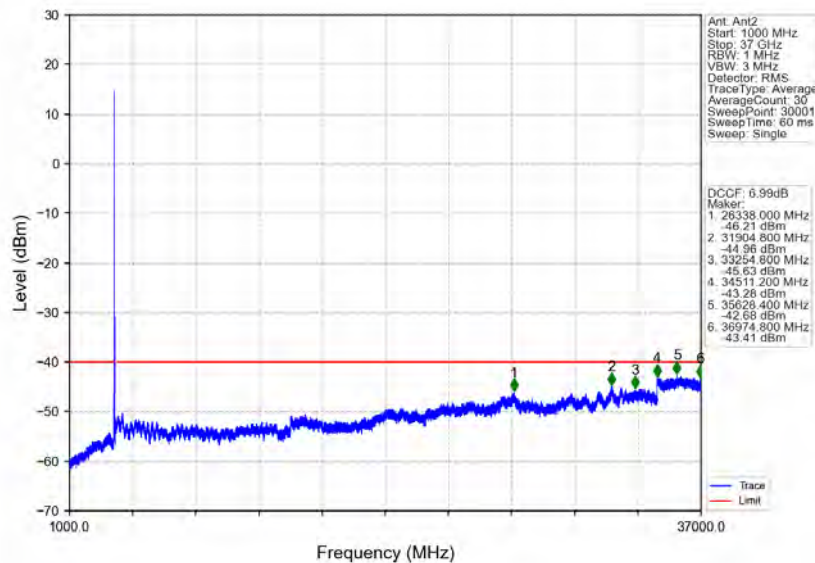
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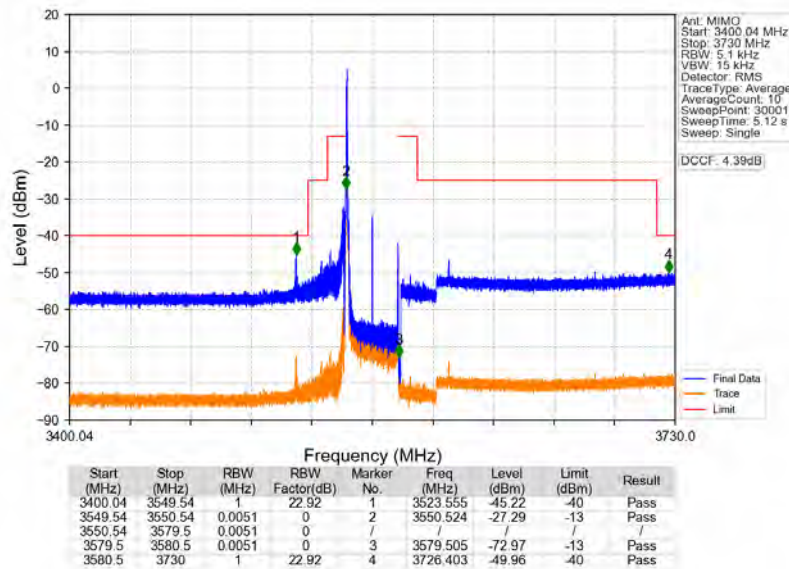
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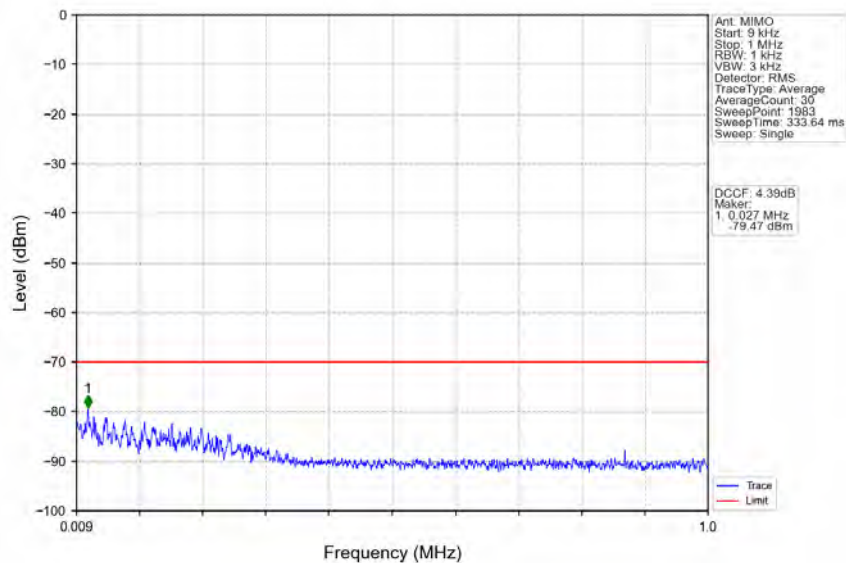
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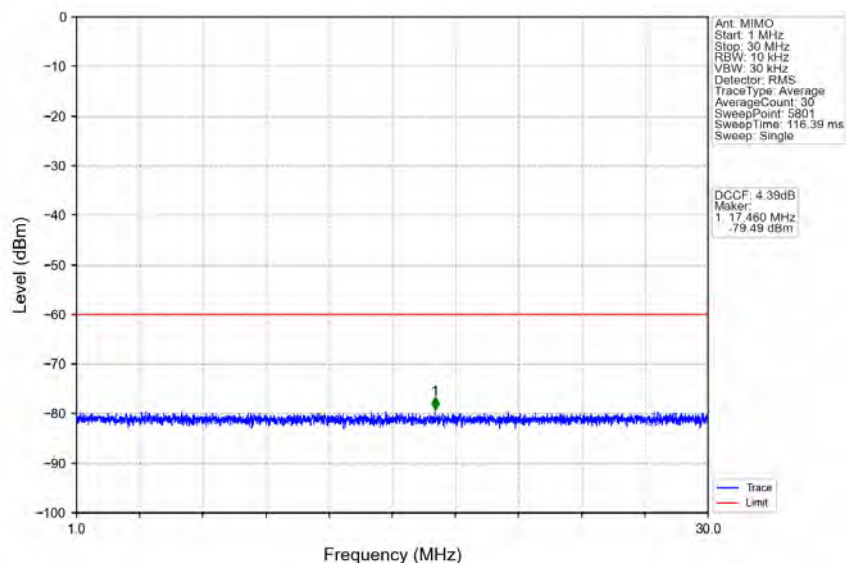
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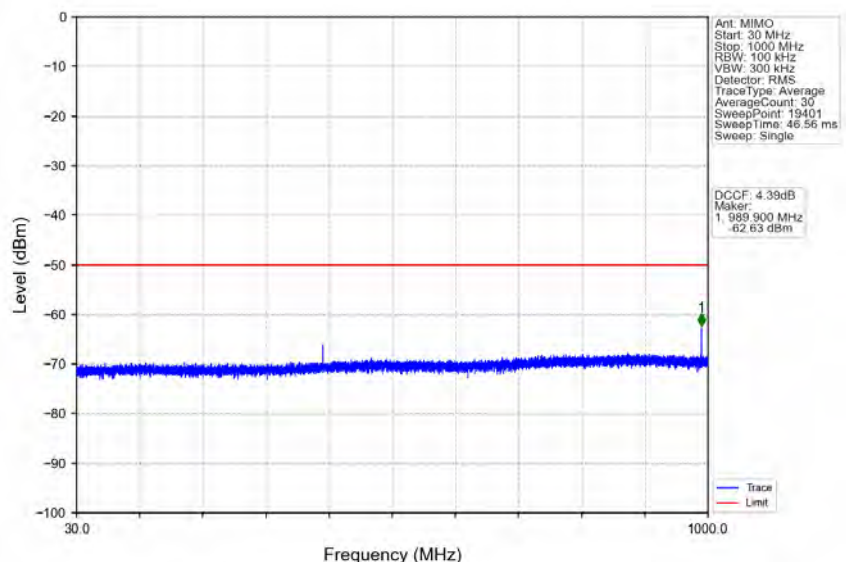
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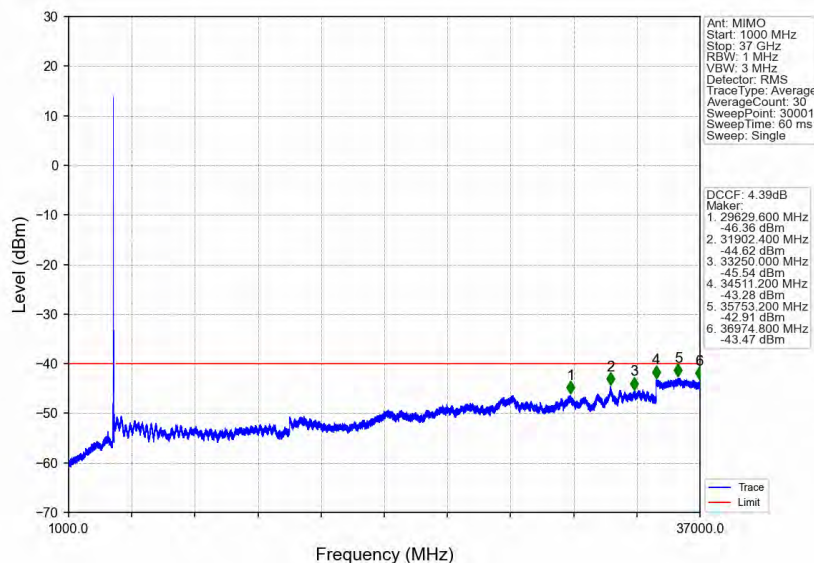
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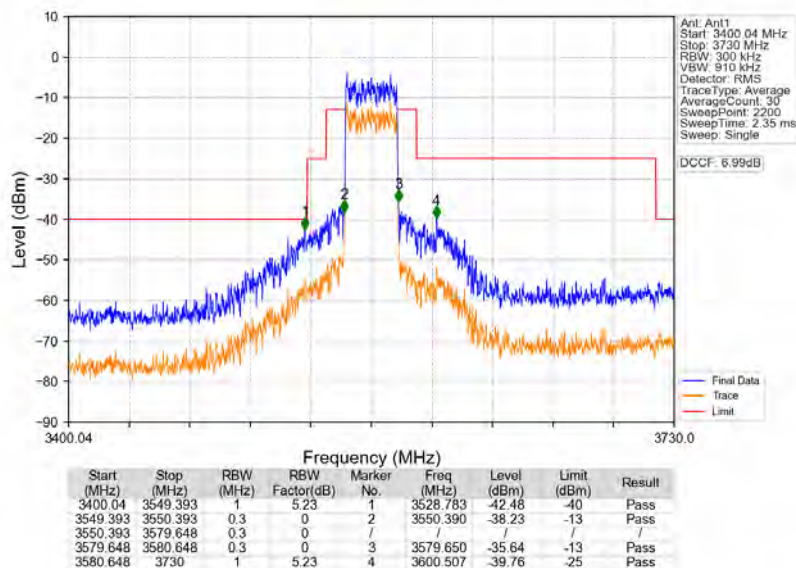
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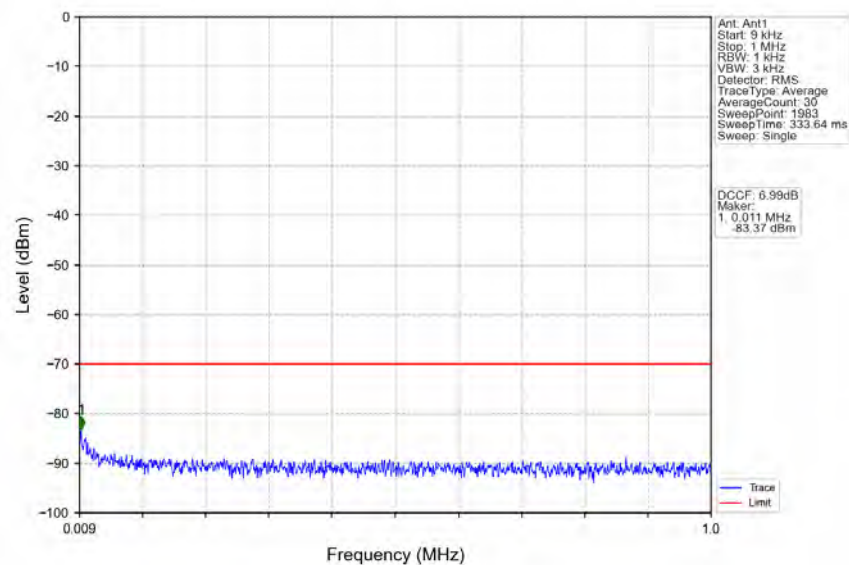
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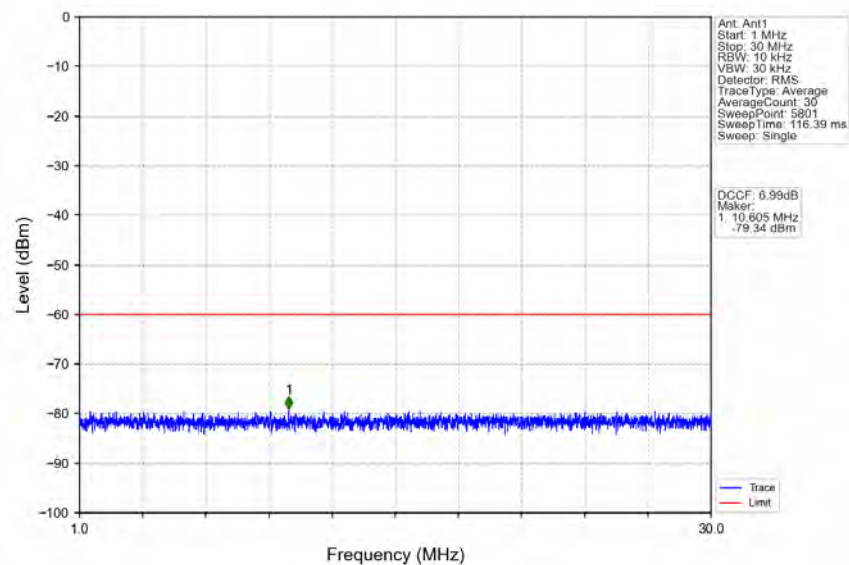
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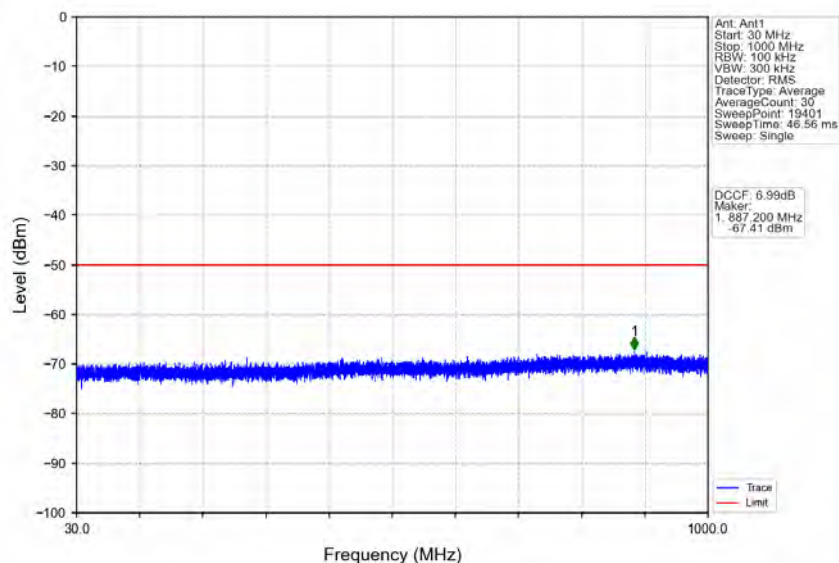
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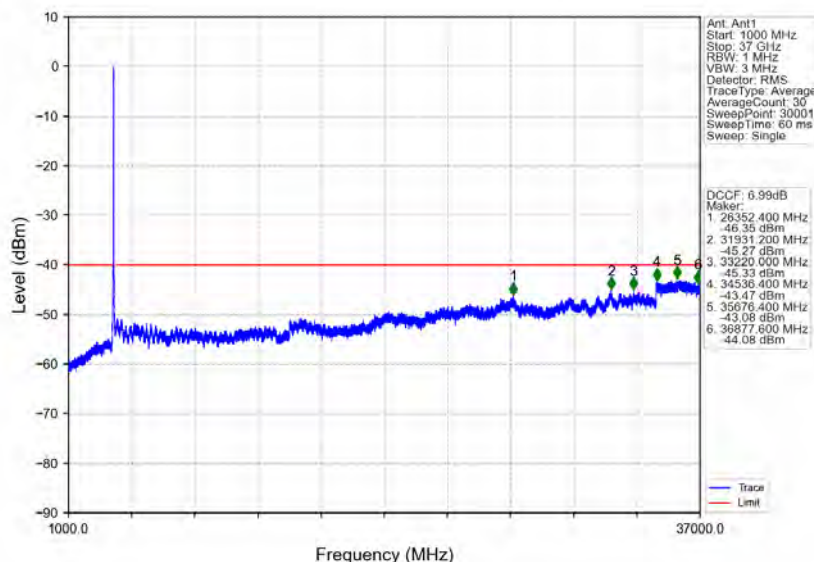
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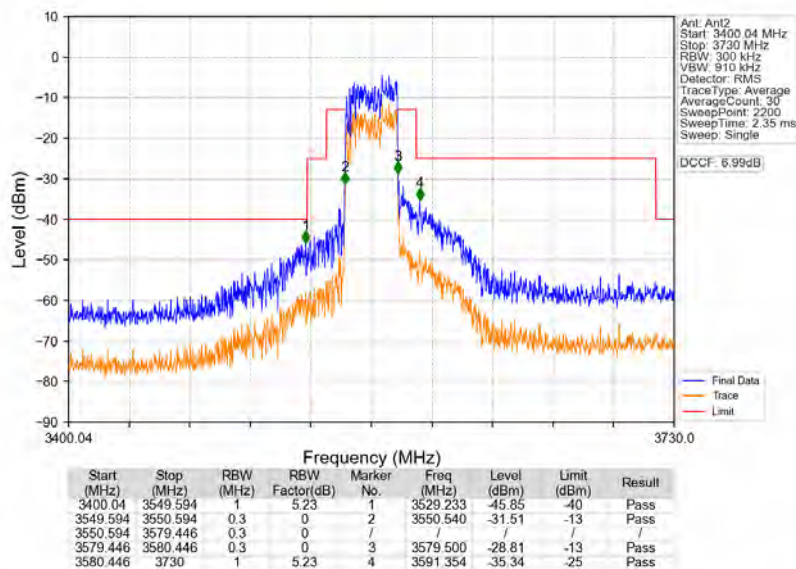
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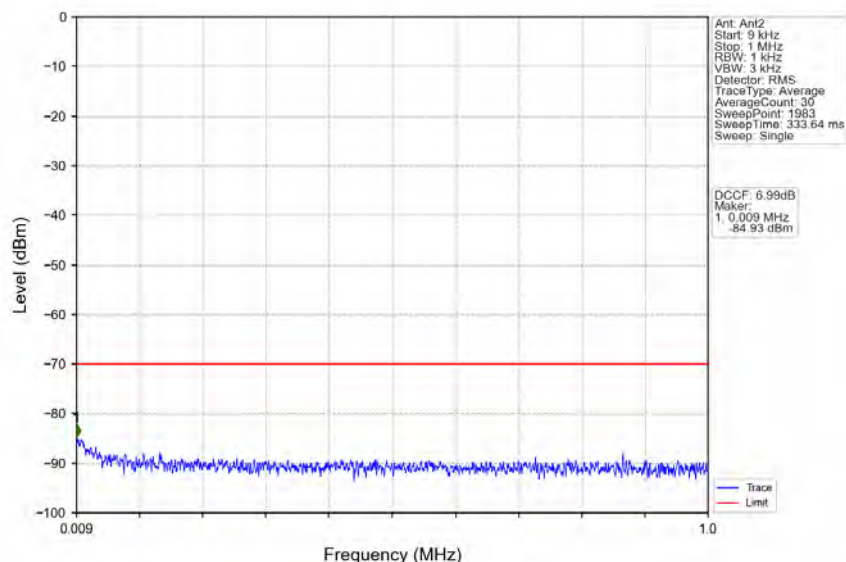
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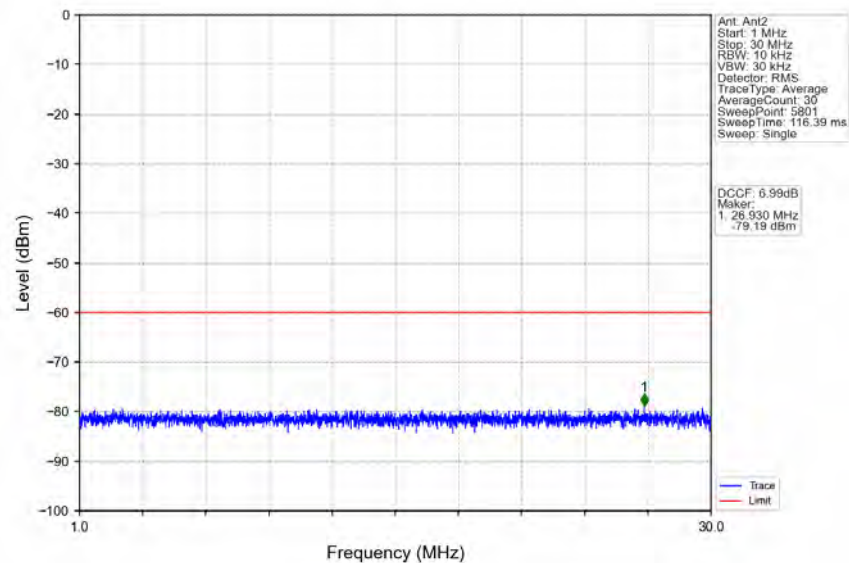
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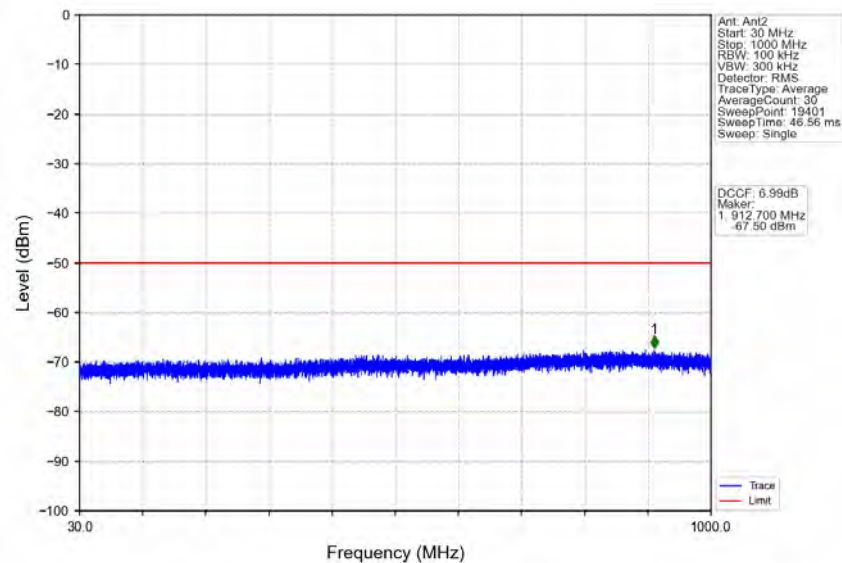
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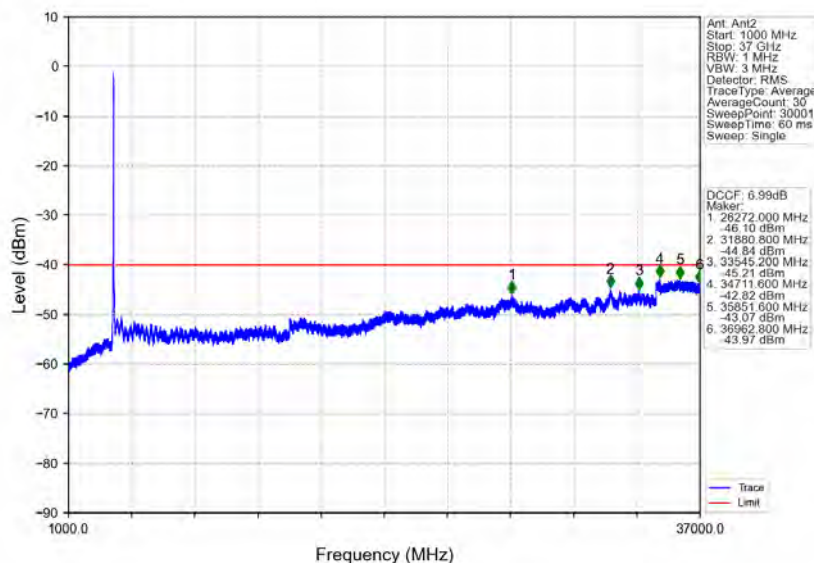
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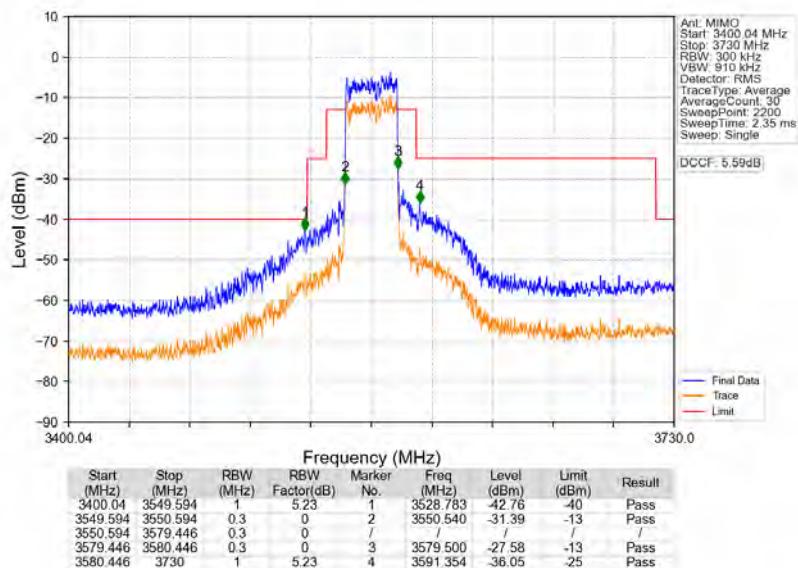
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3400.04	3549.594	1	5.23	1	3528.783	-42.76	-40	Pass
3549.594	3550.594	0.3	0	2	3550.540	-31.39	-13	Pass
3550.594	3579.446	0.3	0	3	3579.500	-27.58	-13	Pass
3579.446	3580.446	0.3	0	4	3591.354	-36.05	-25	Pass
3580.446	3730	1	5.23					



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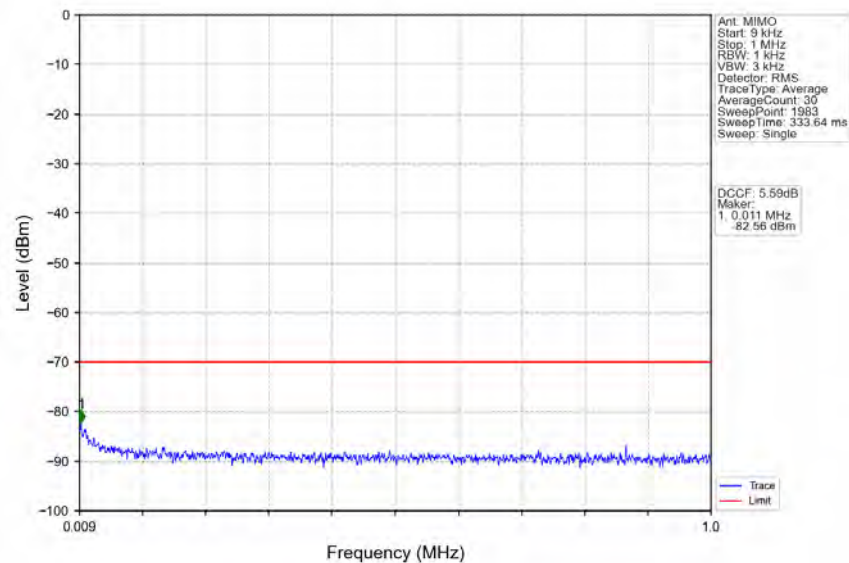
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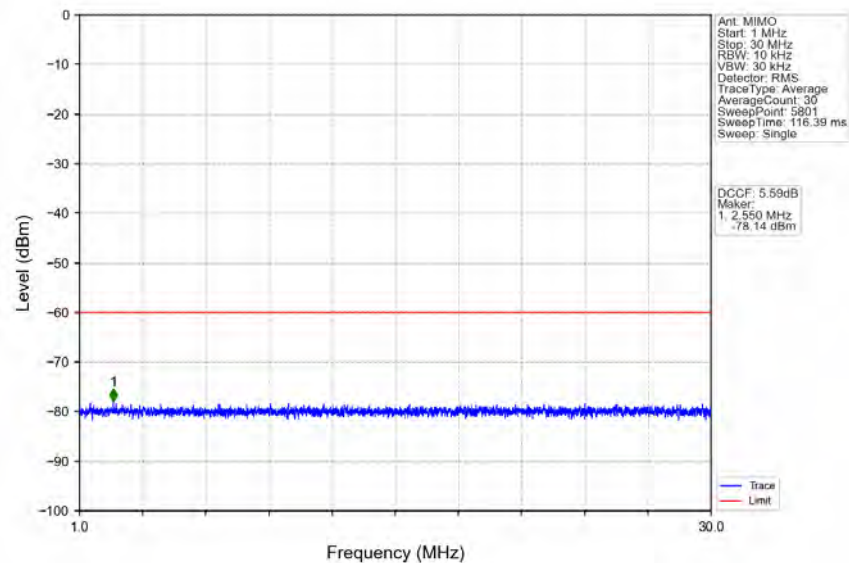
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