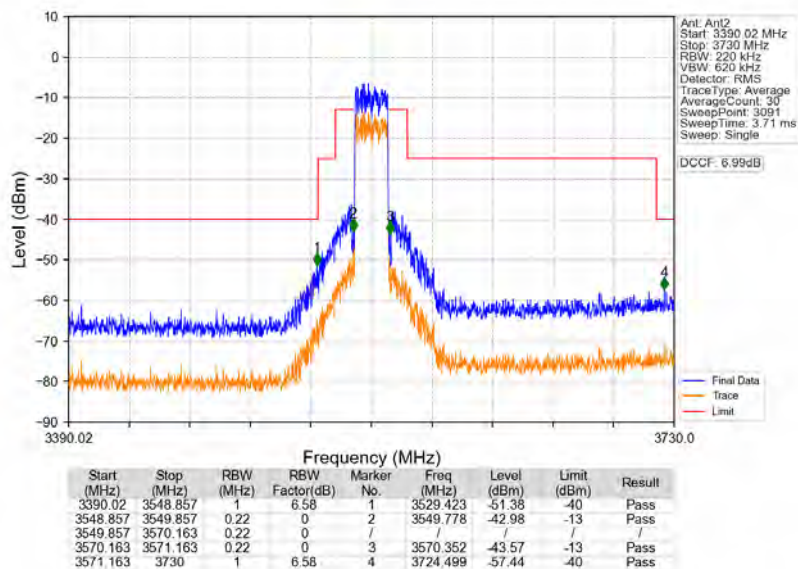
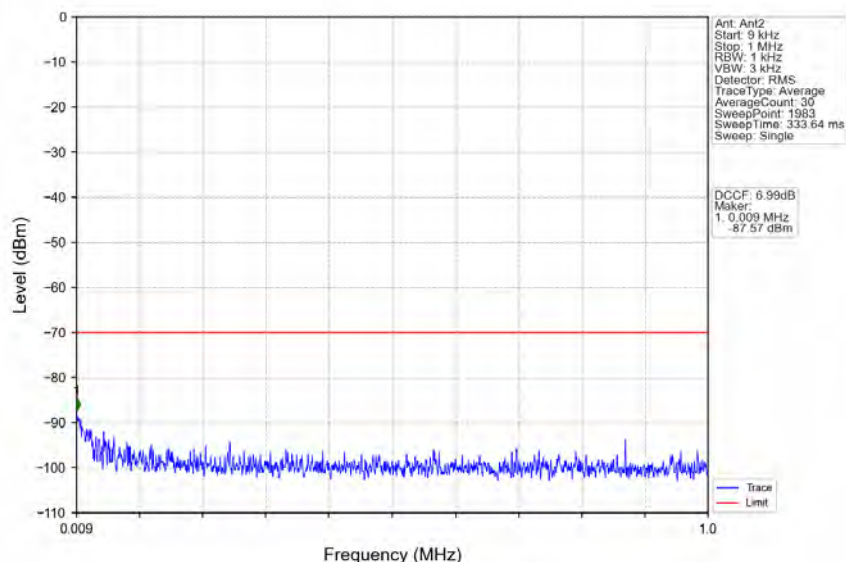


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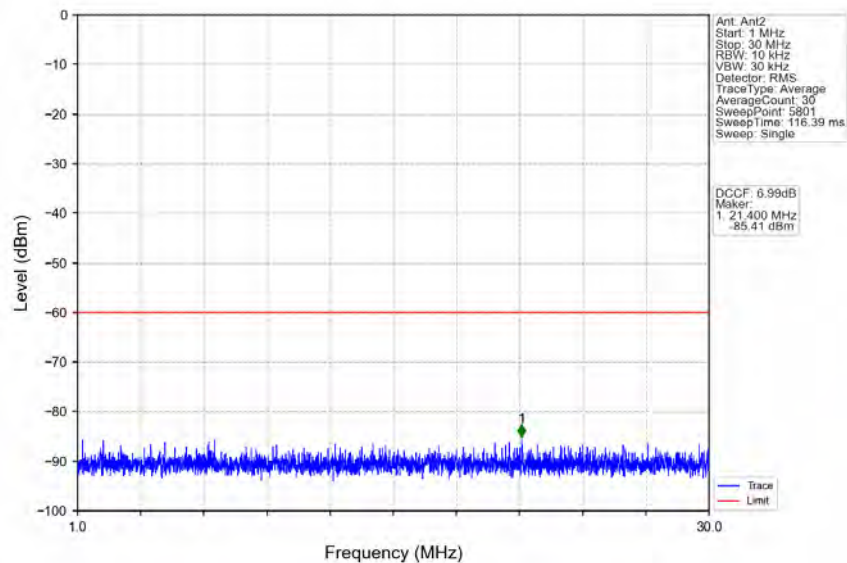
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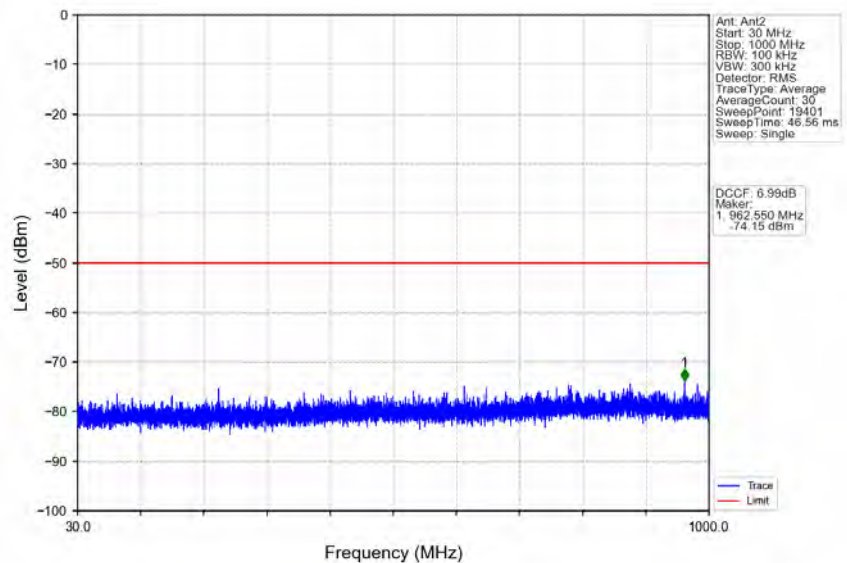
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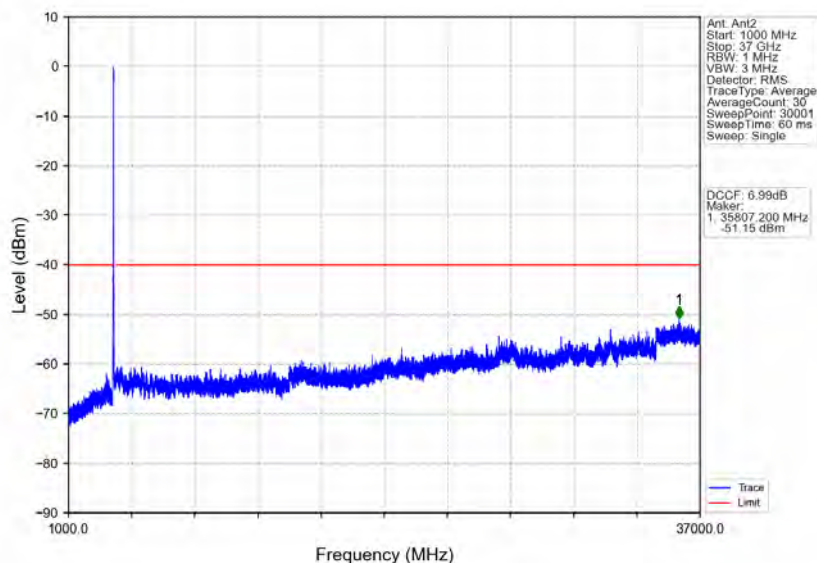
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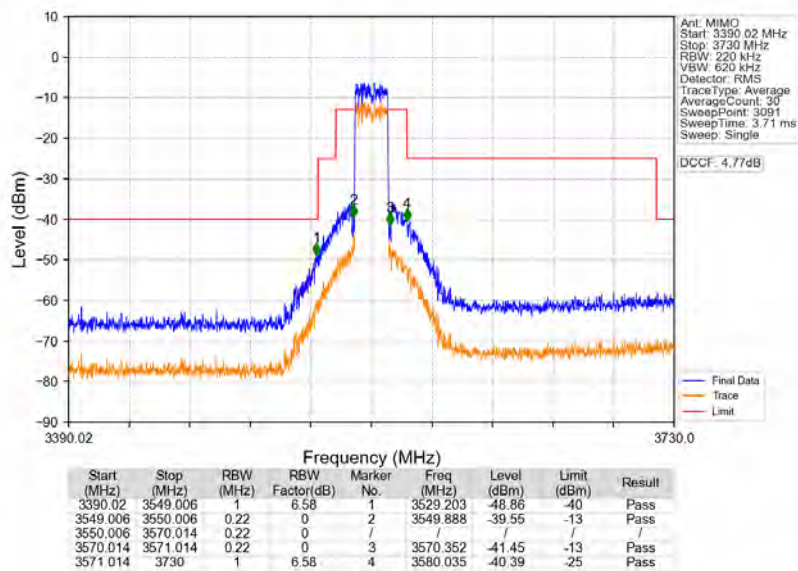
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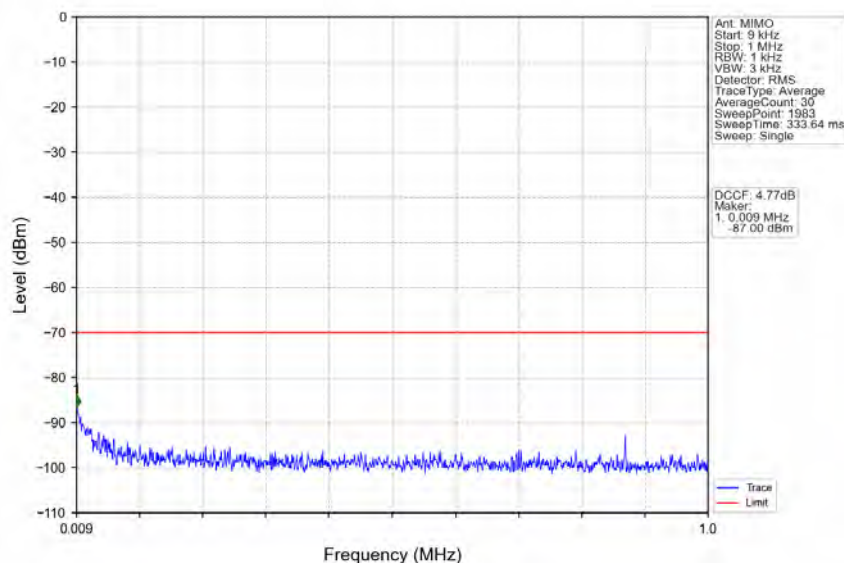
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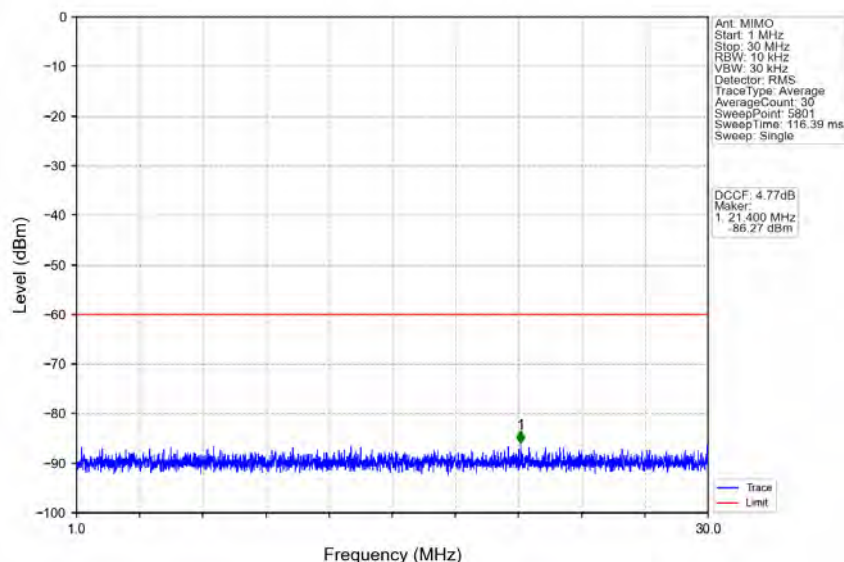
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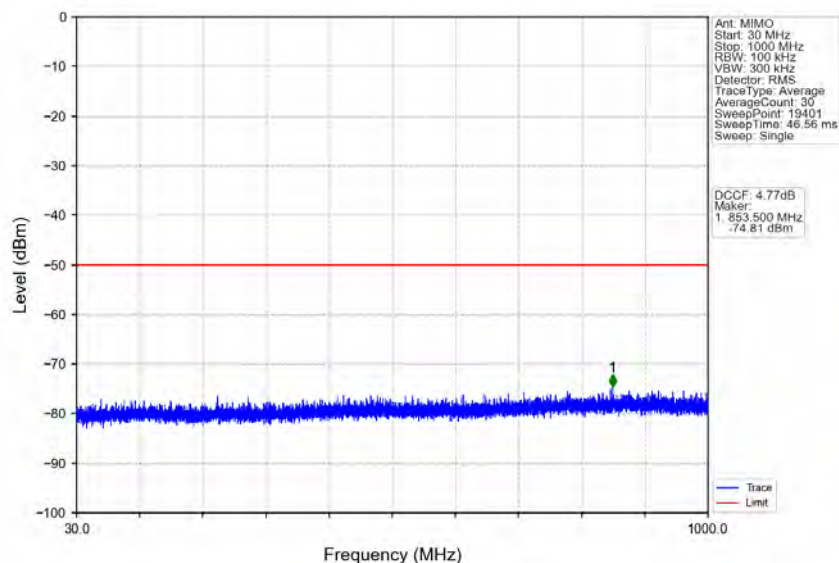
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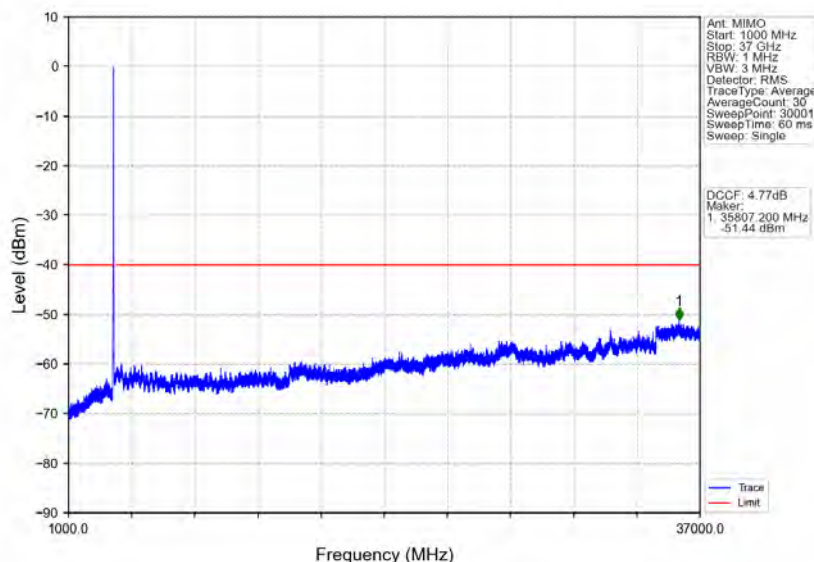
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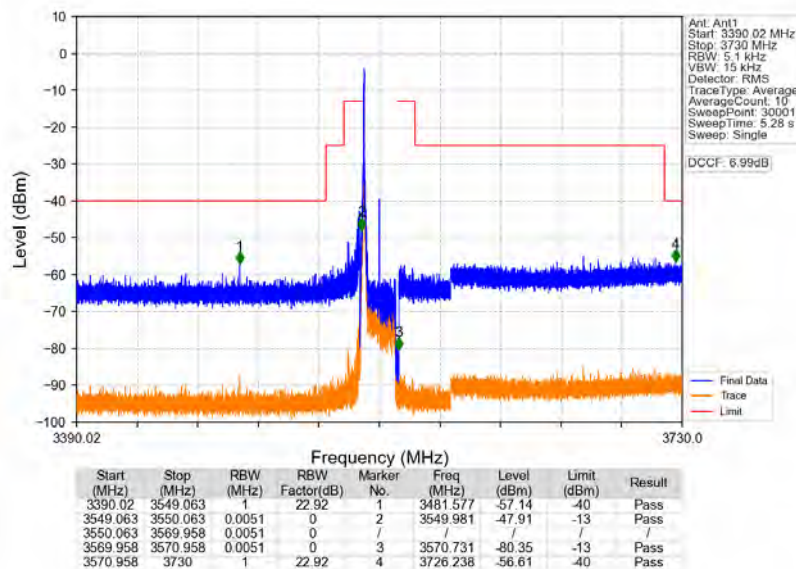
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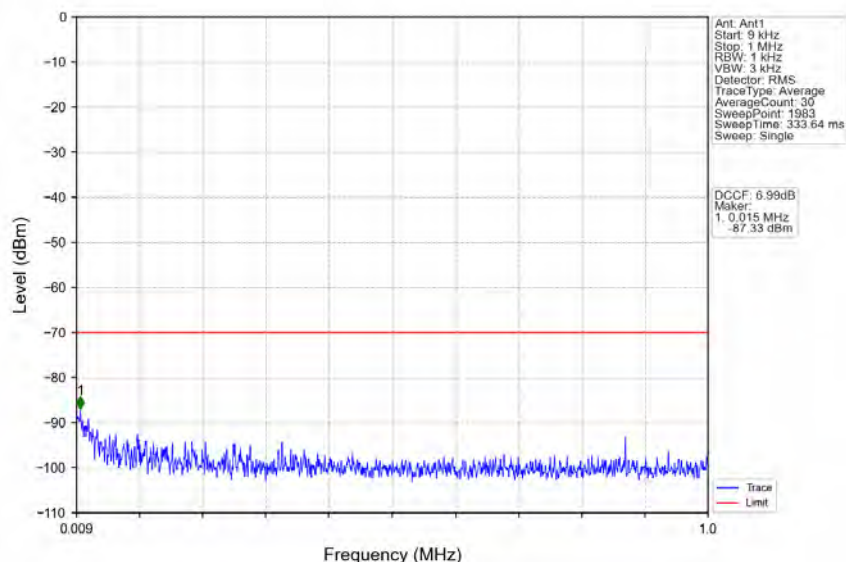
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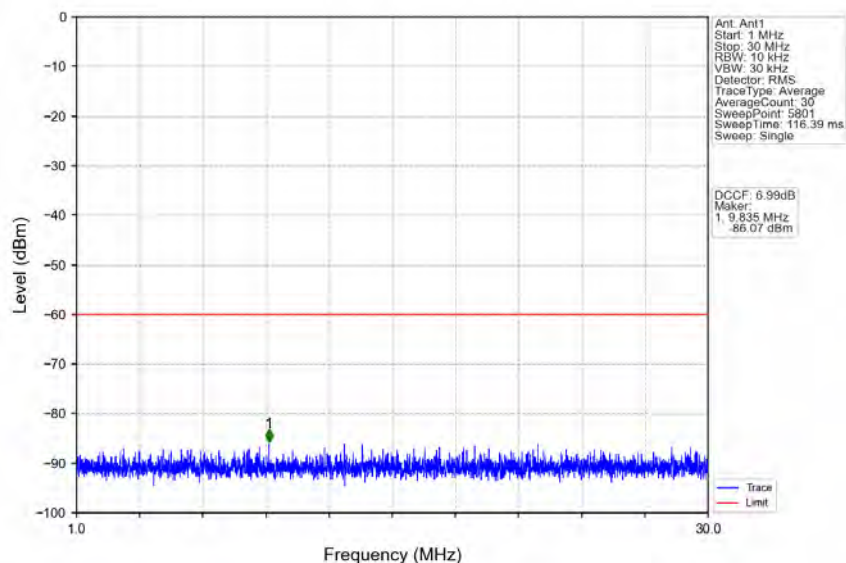
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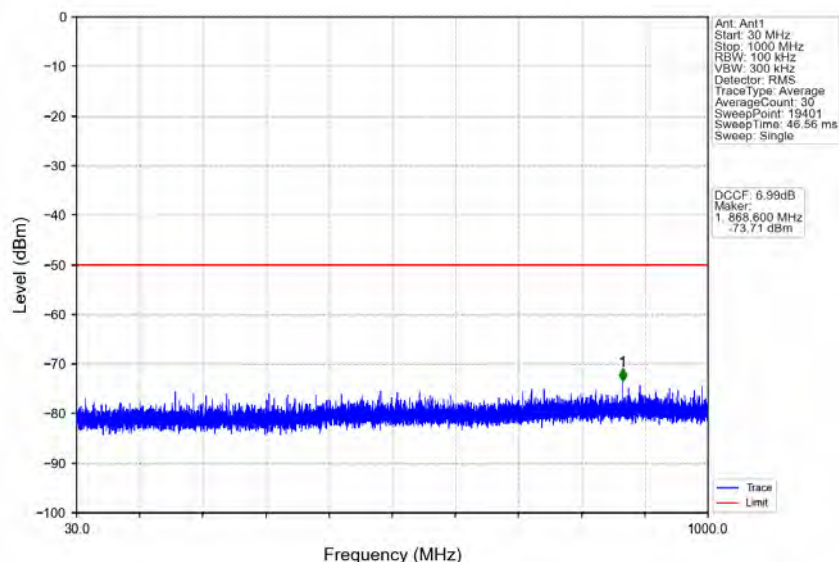
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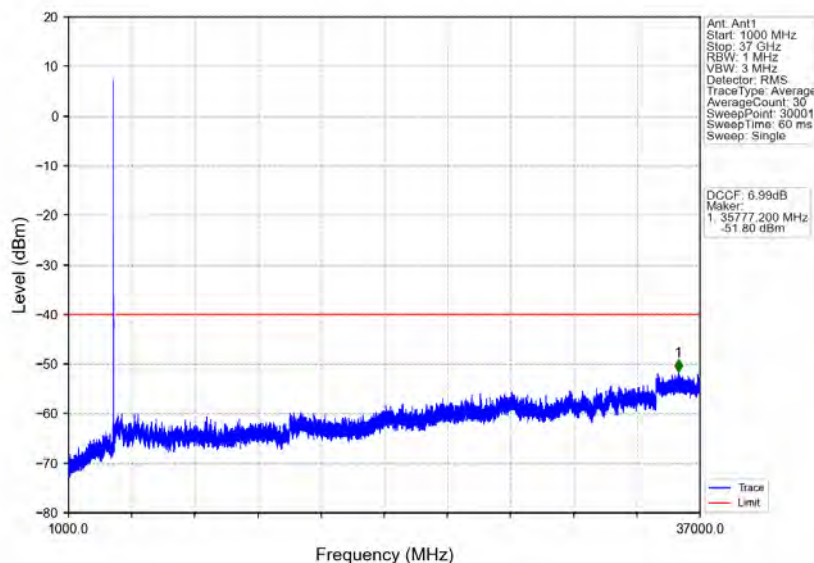
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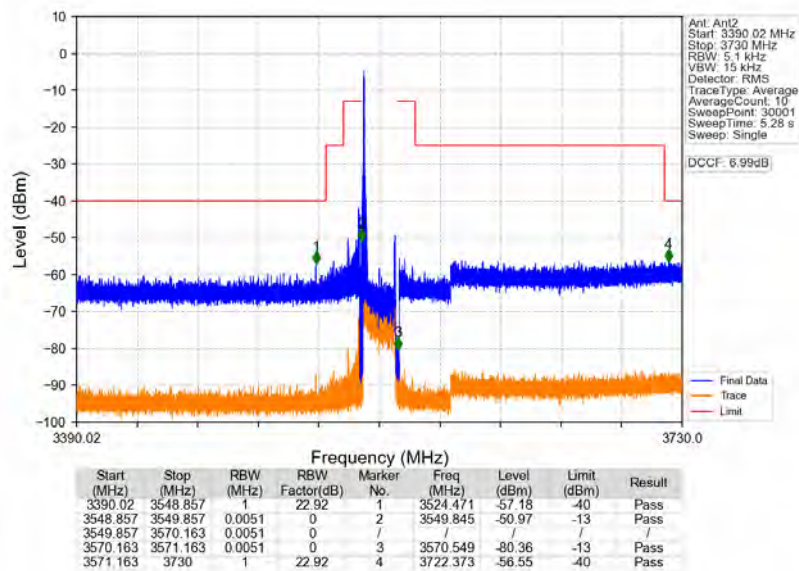
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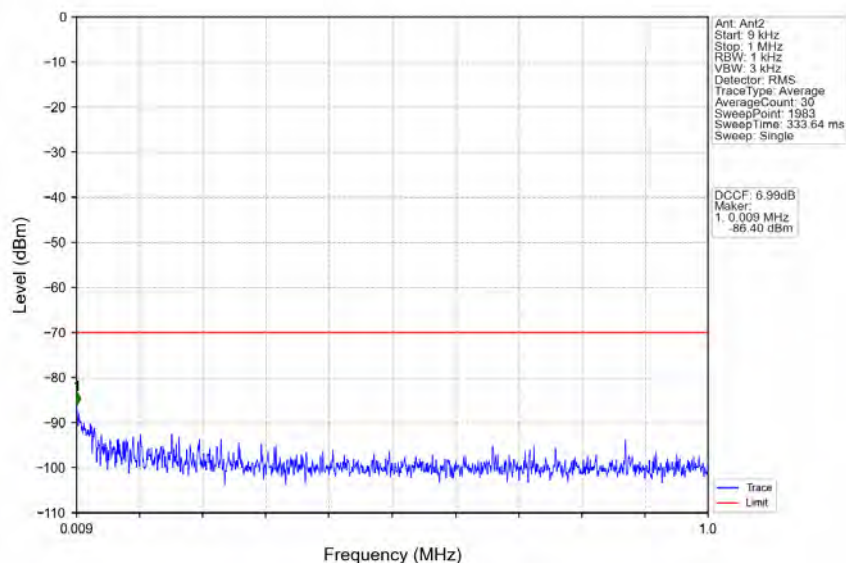
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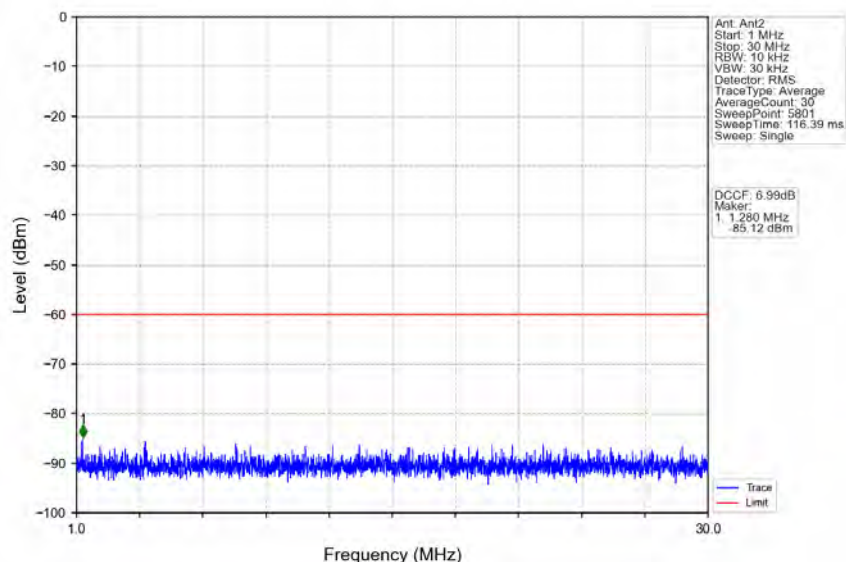
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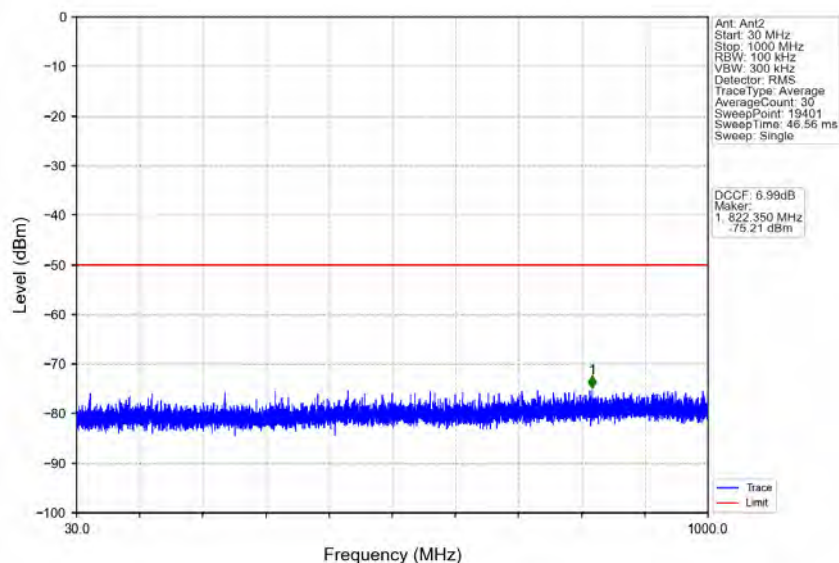
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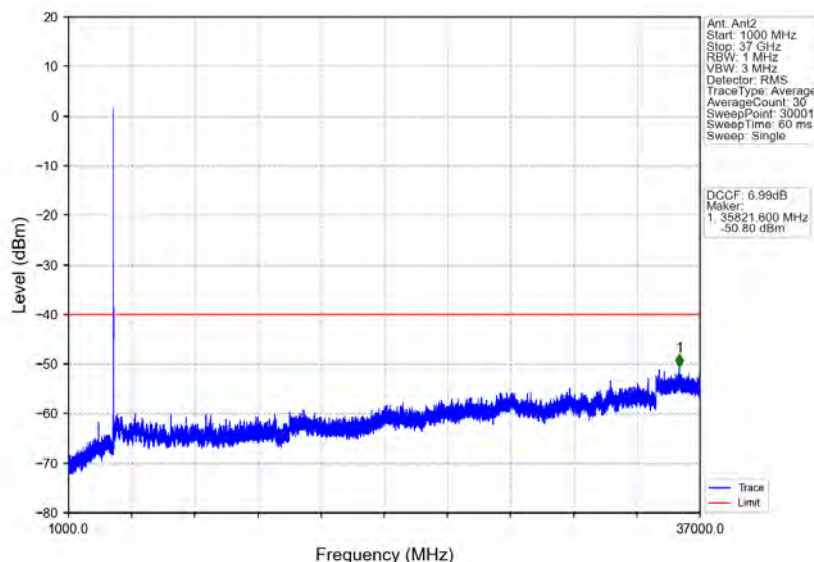
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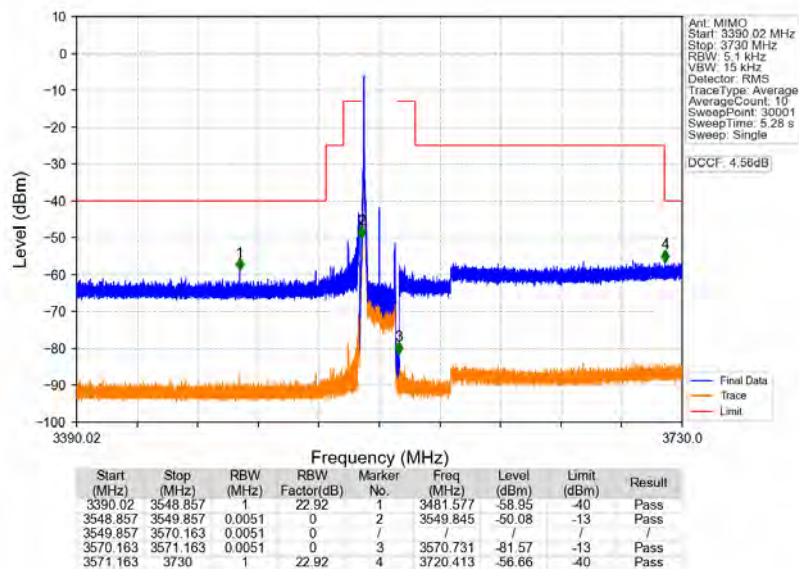
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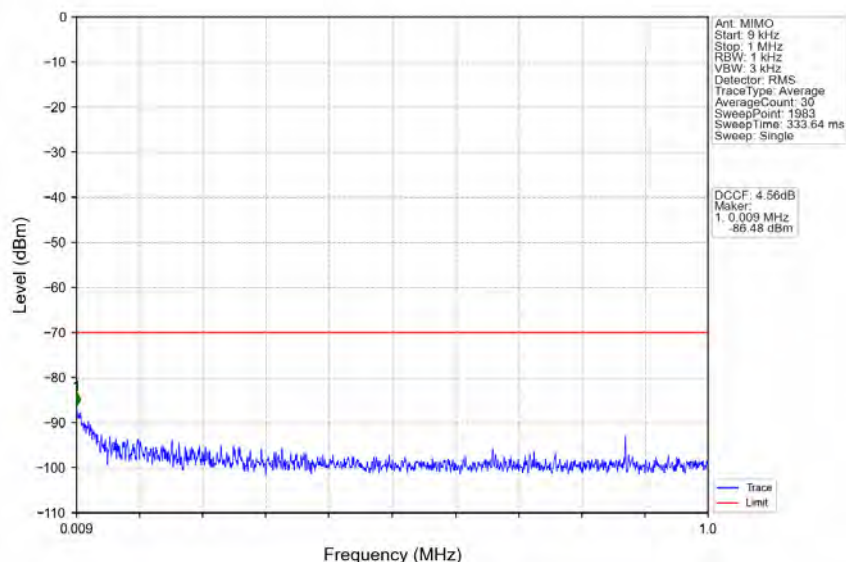
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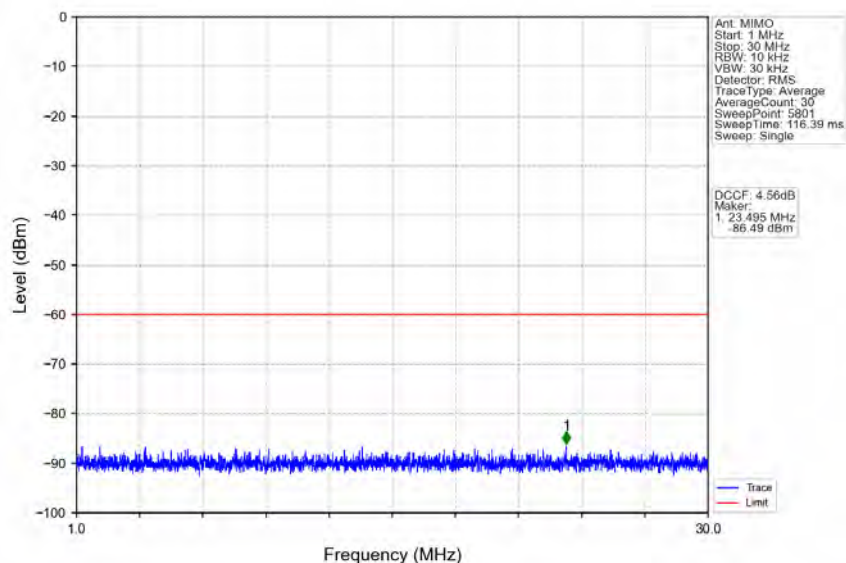
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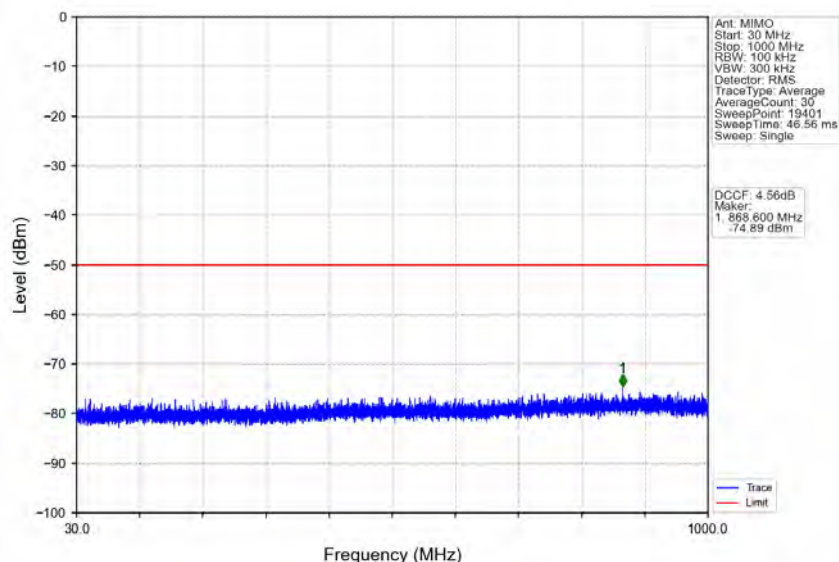
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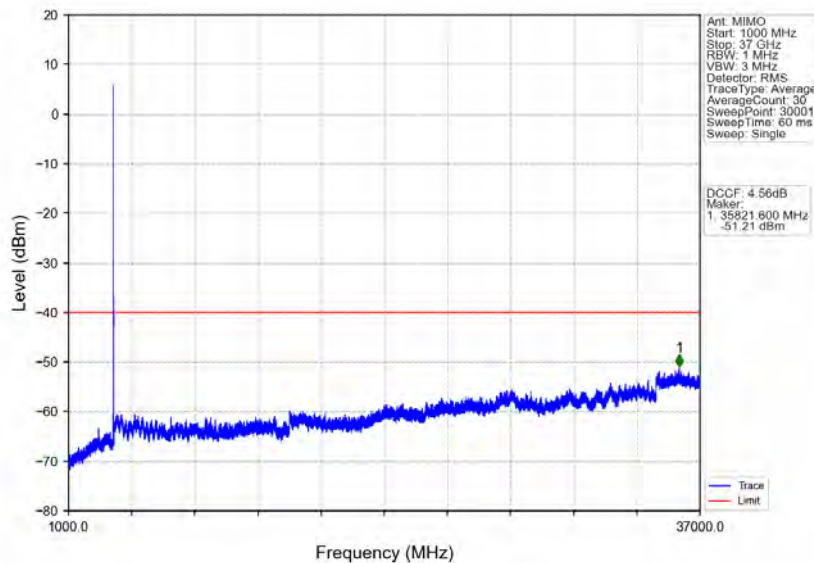
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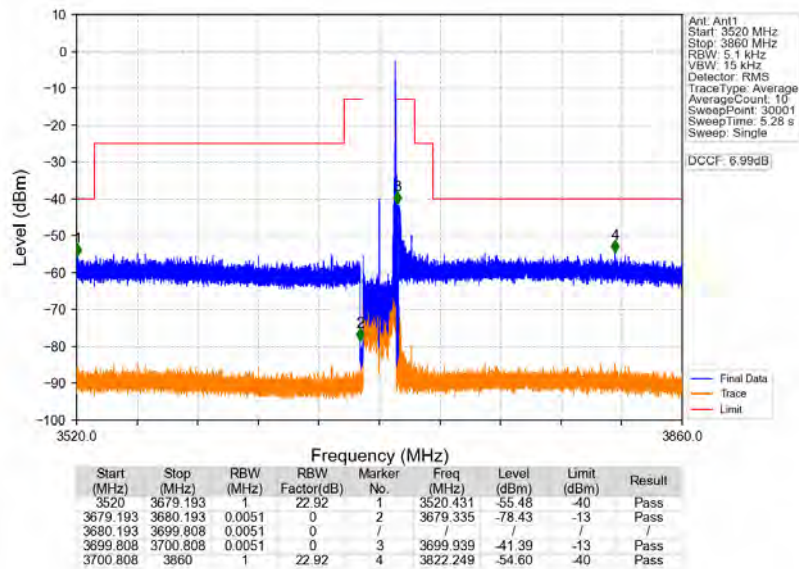
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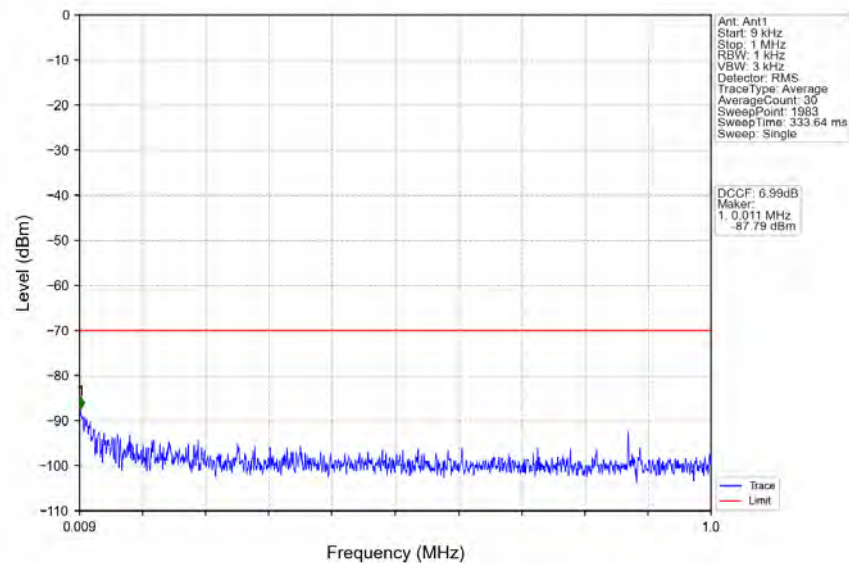
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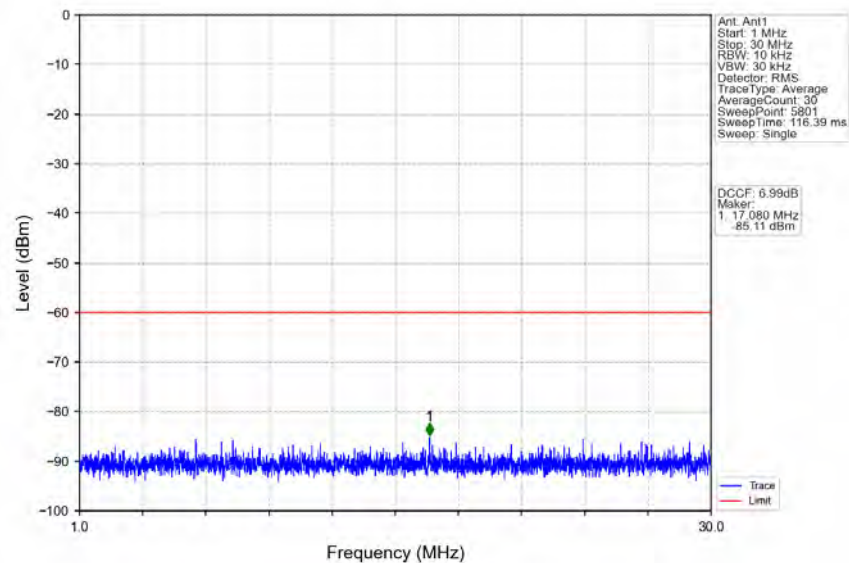
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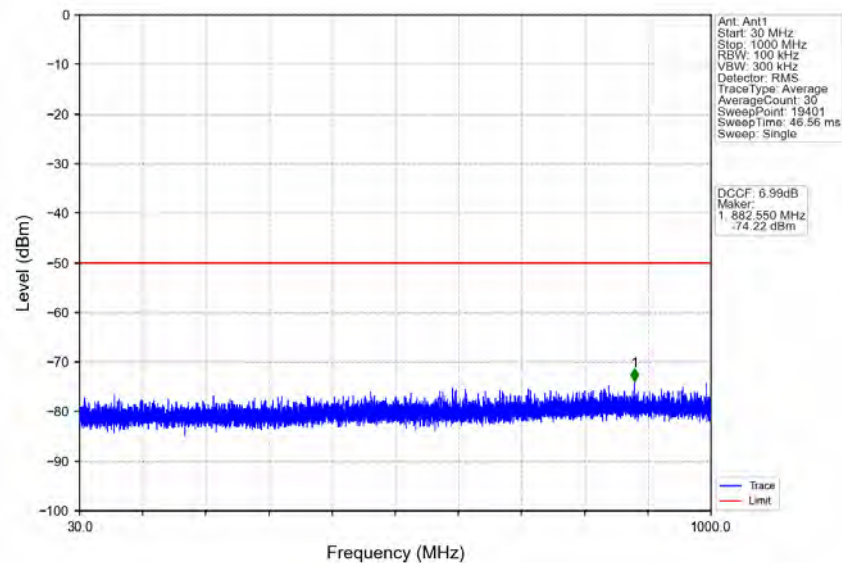
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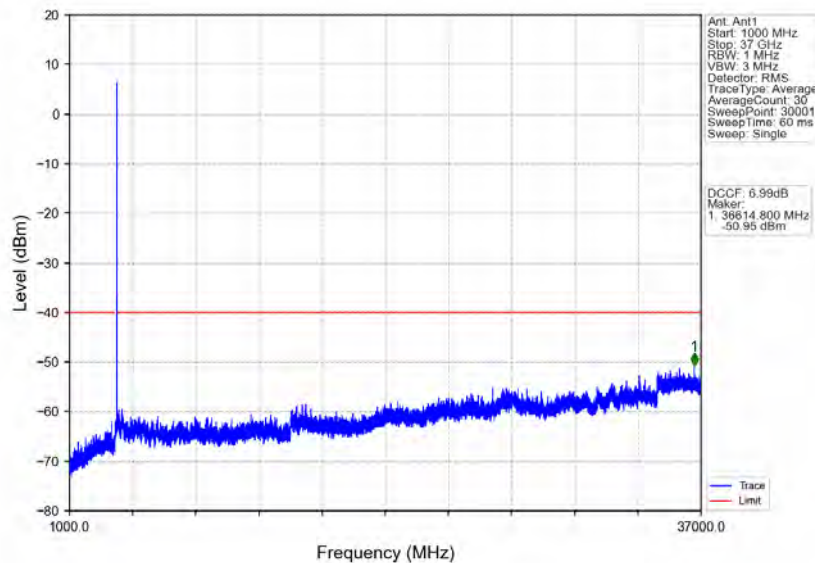
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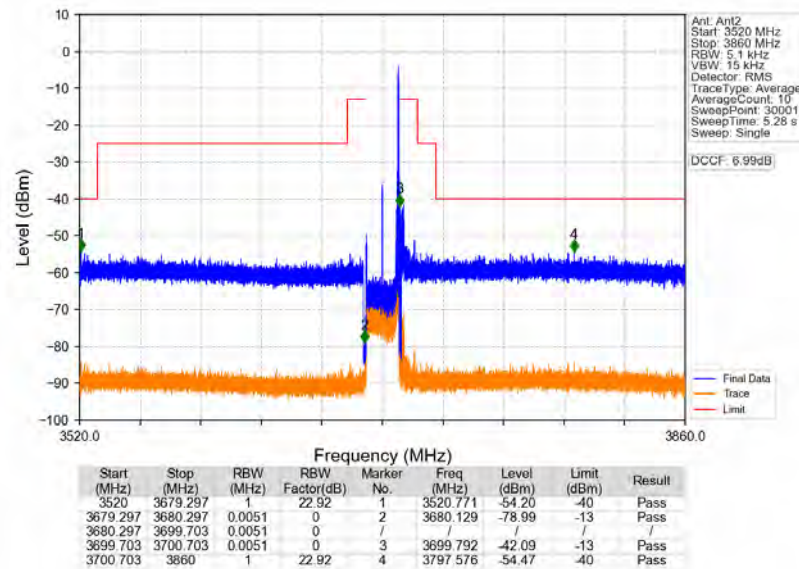
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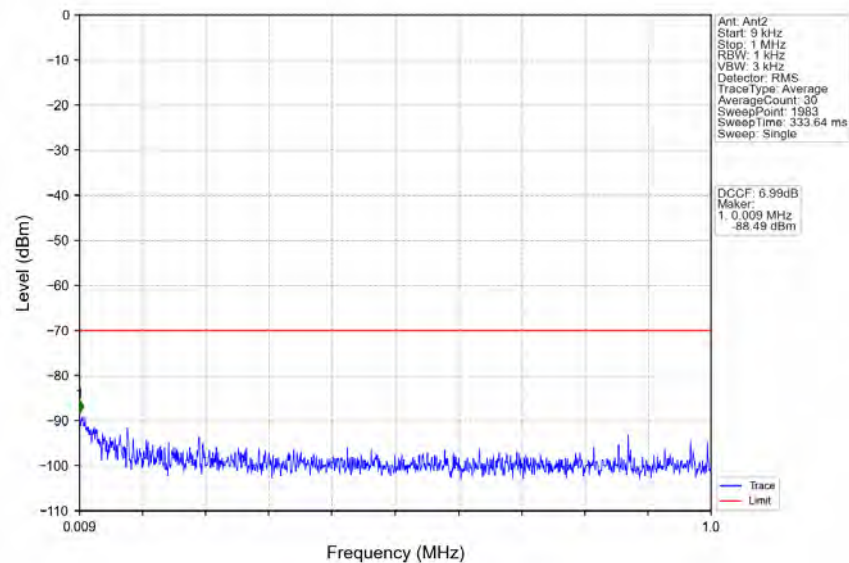
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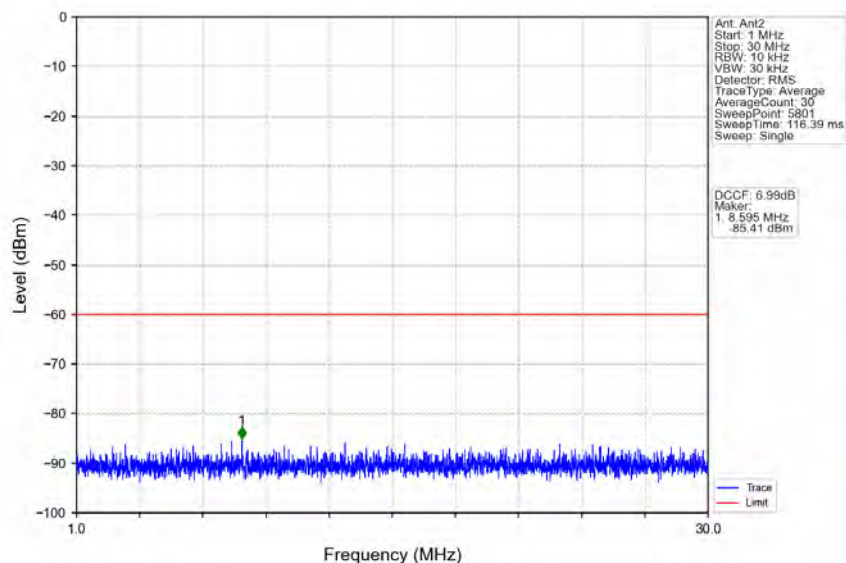
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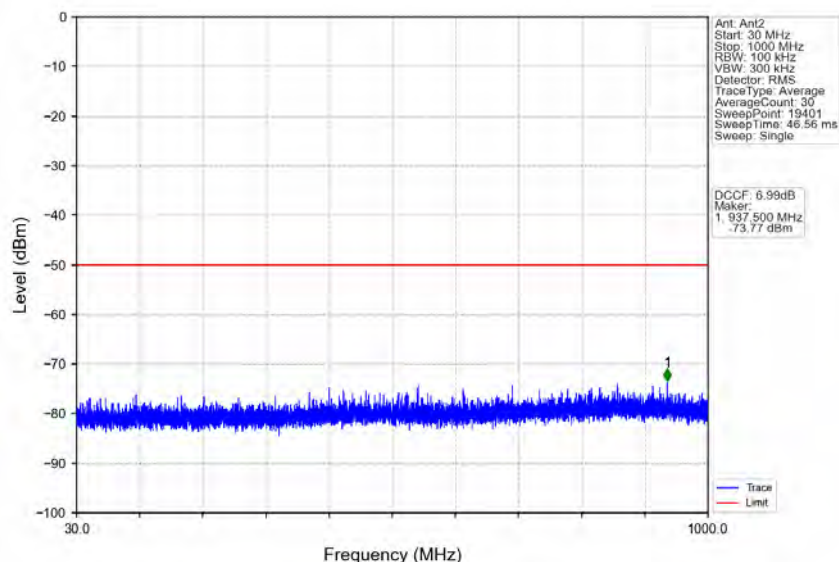
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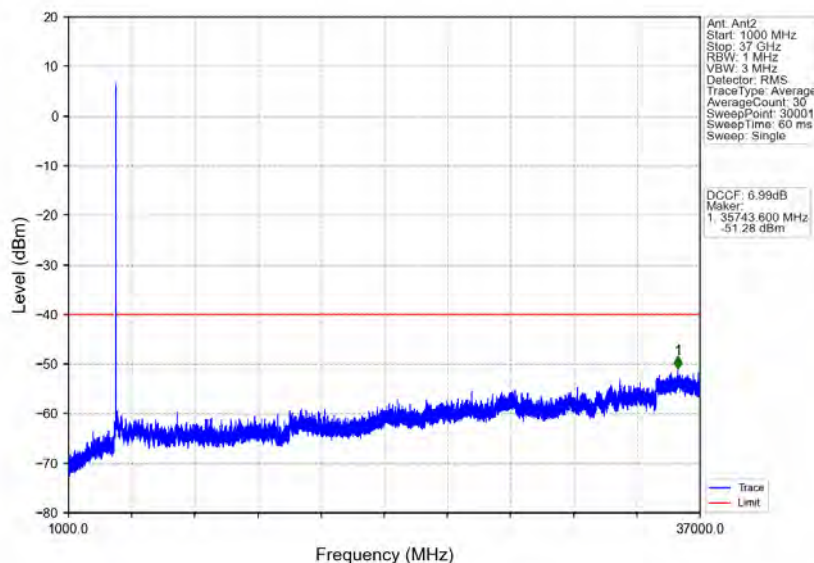
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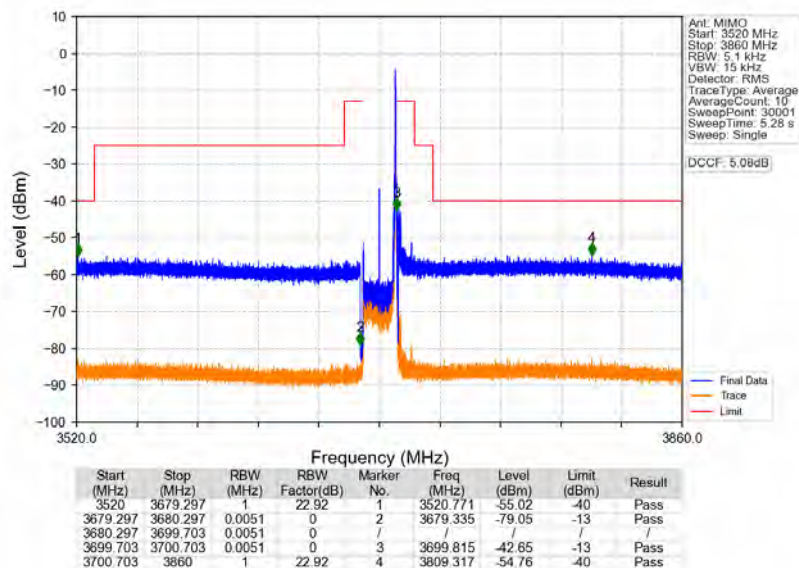
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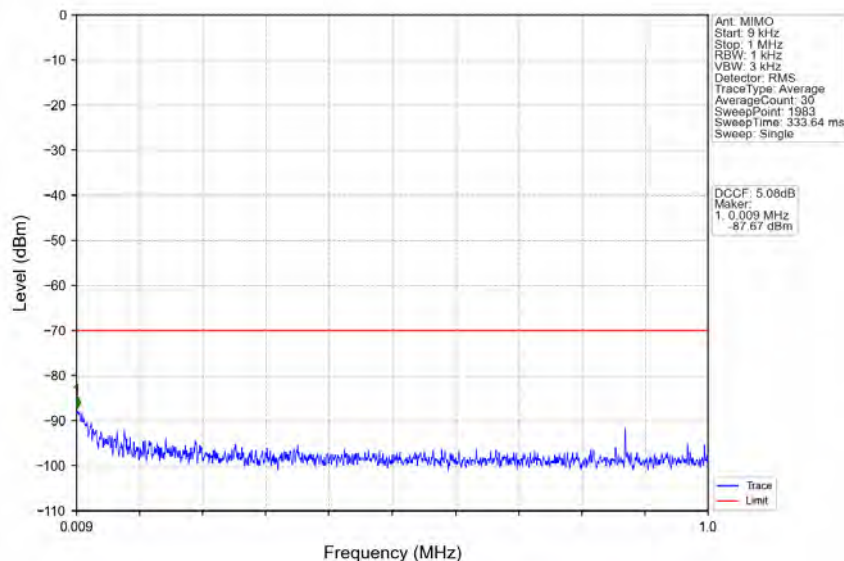
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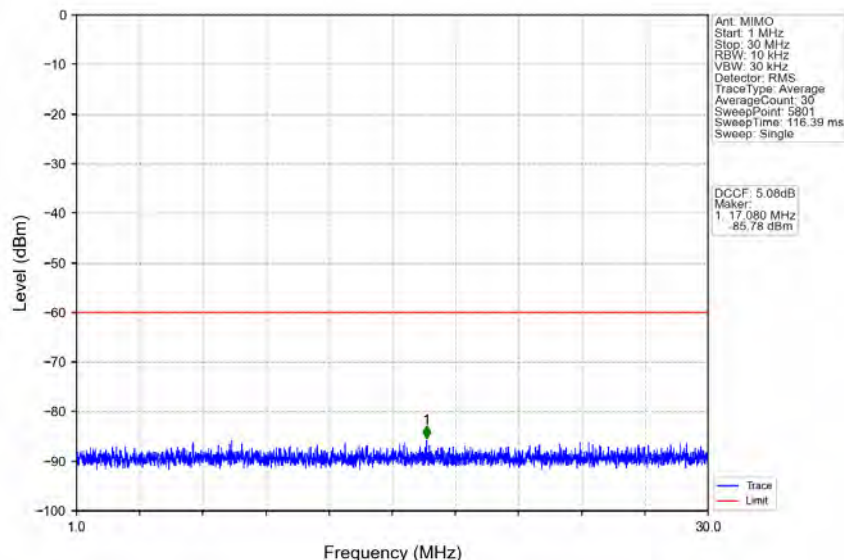
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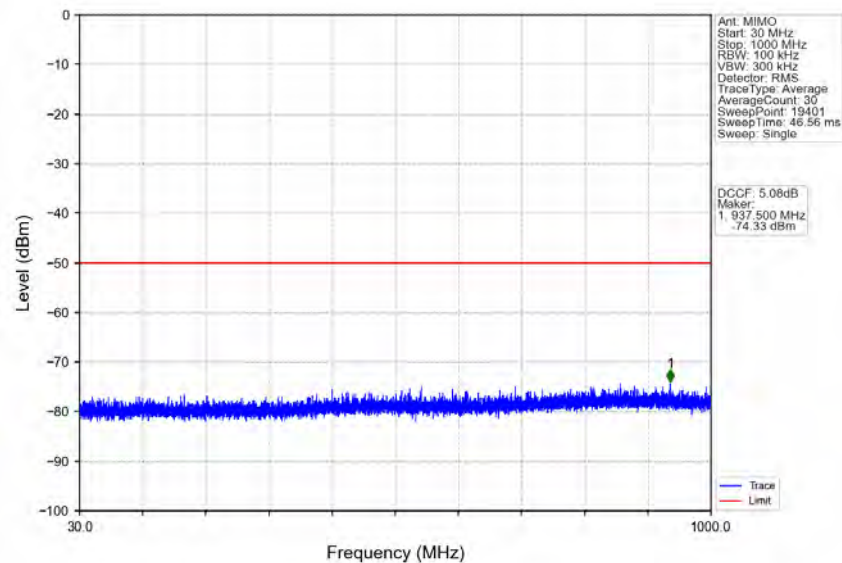
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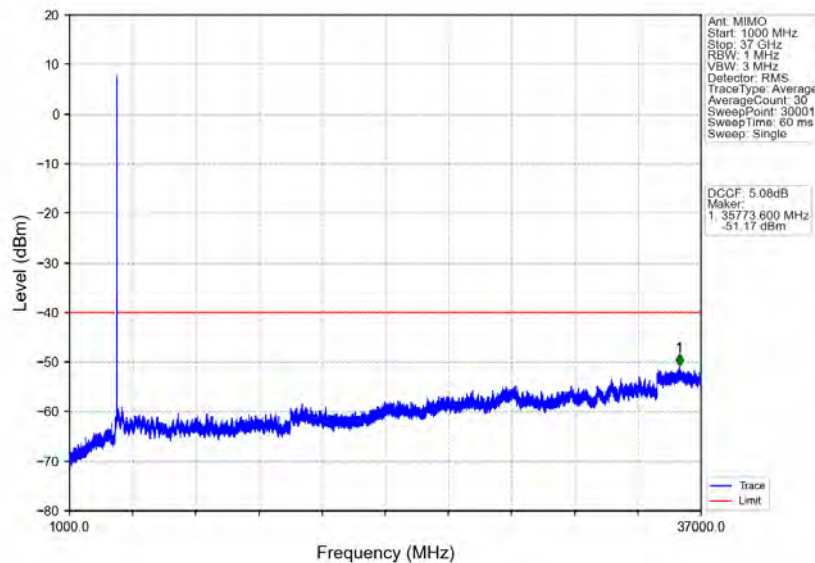
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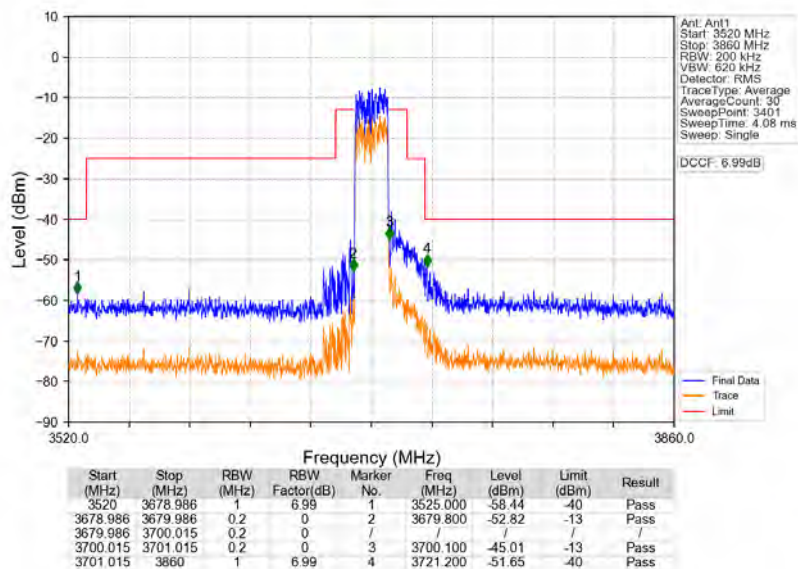
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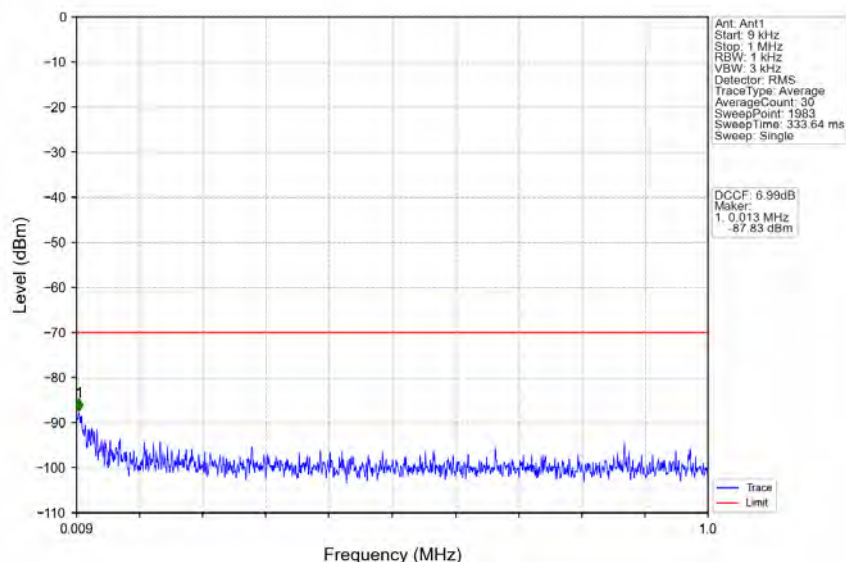
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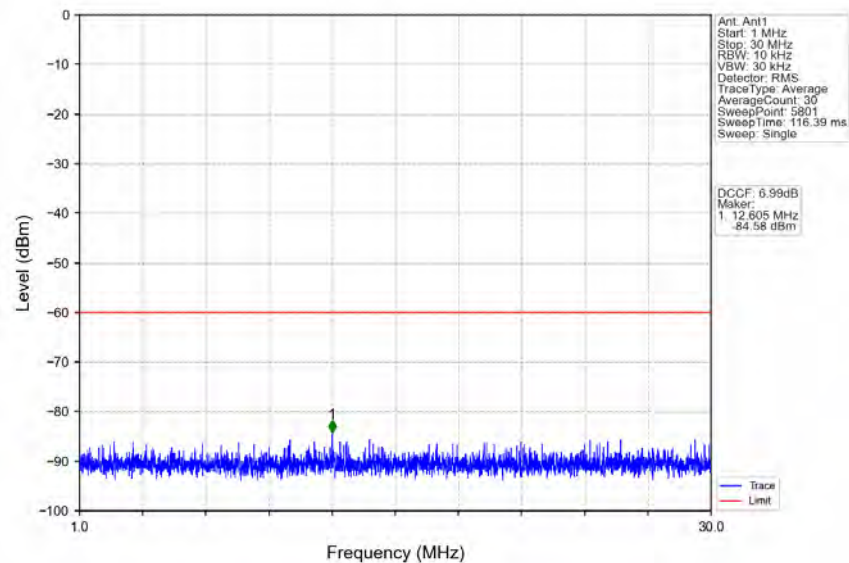
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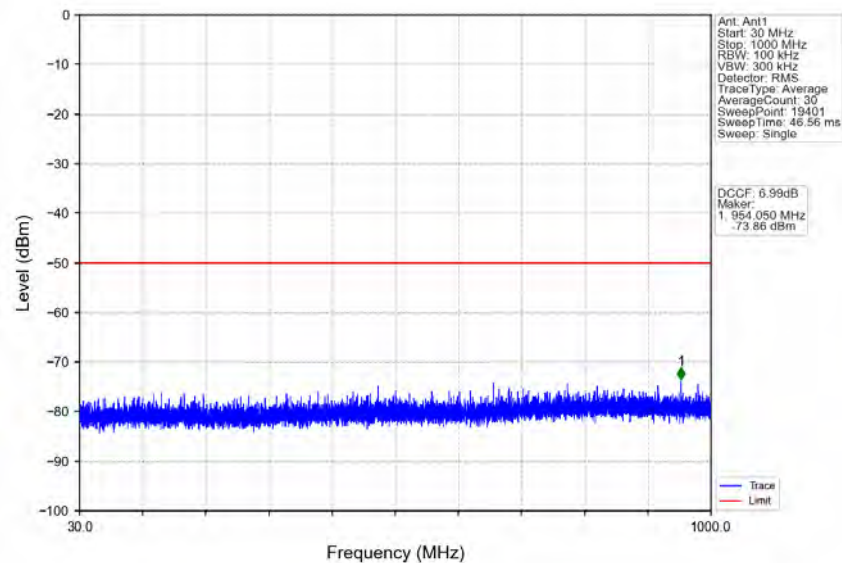
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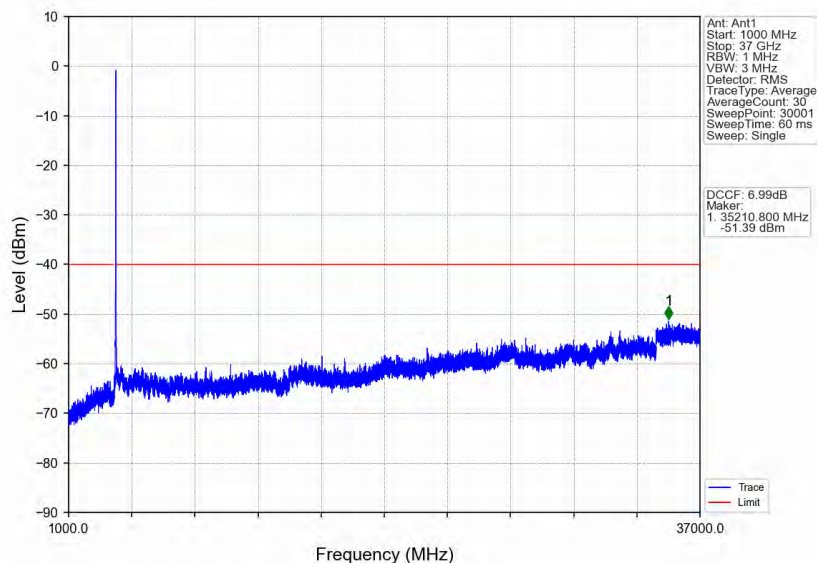
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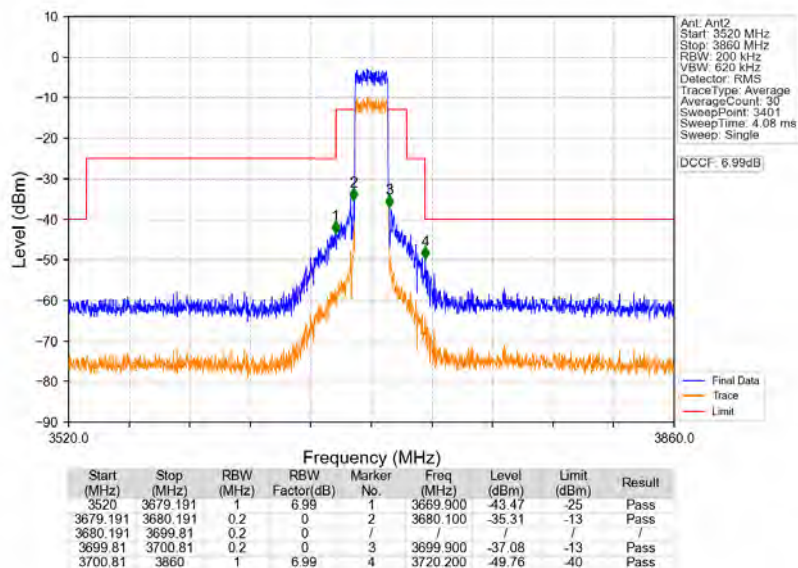
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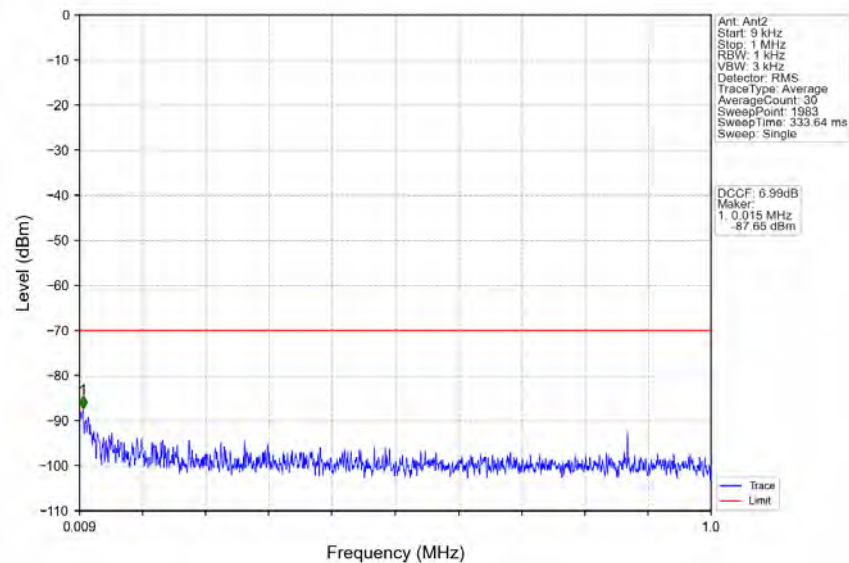
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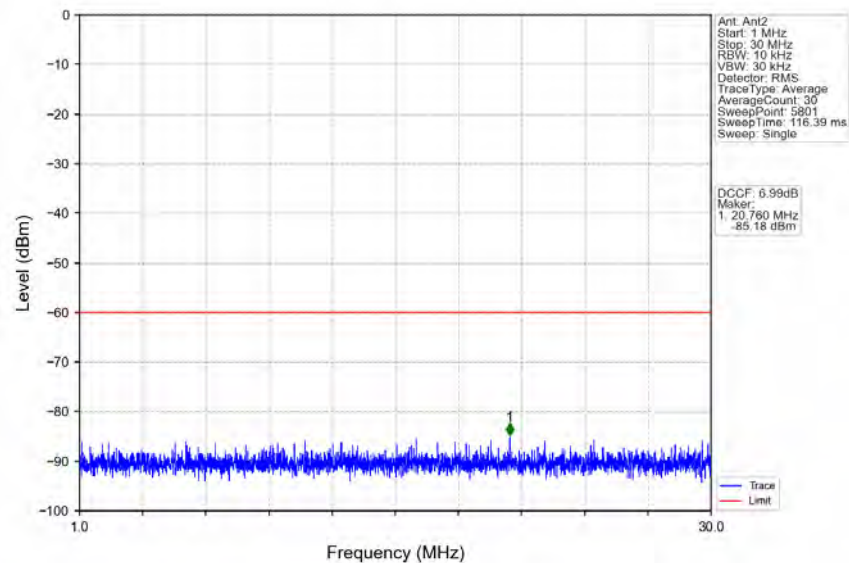
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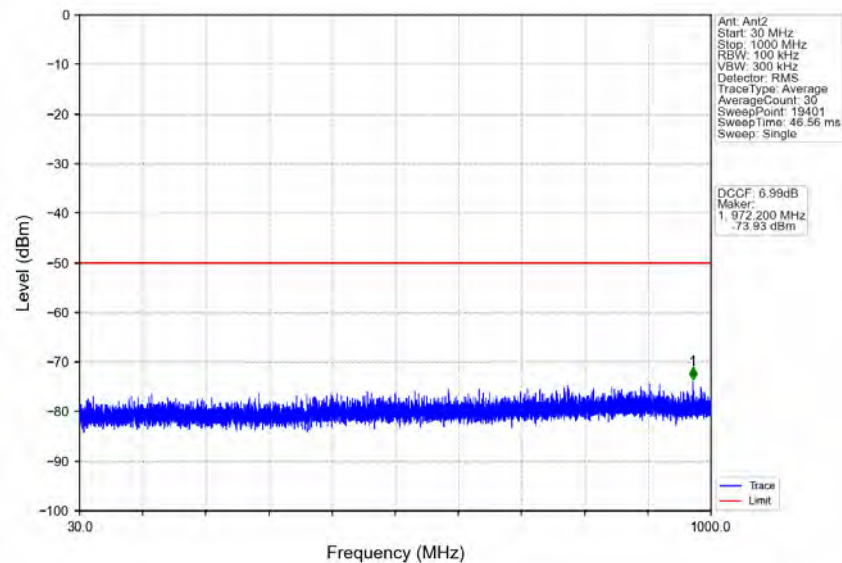
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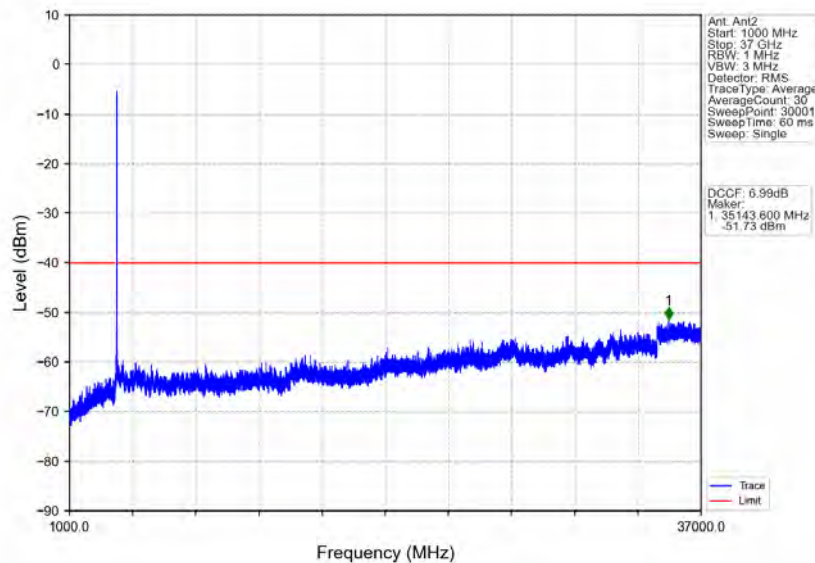
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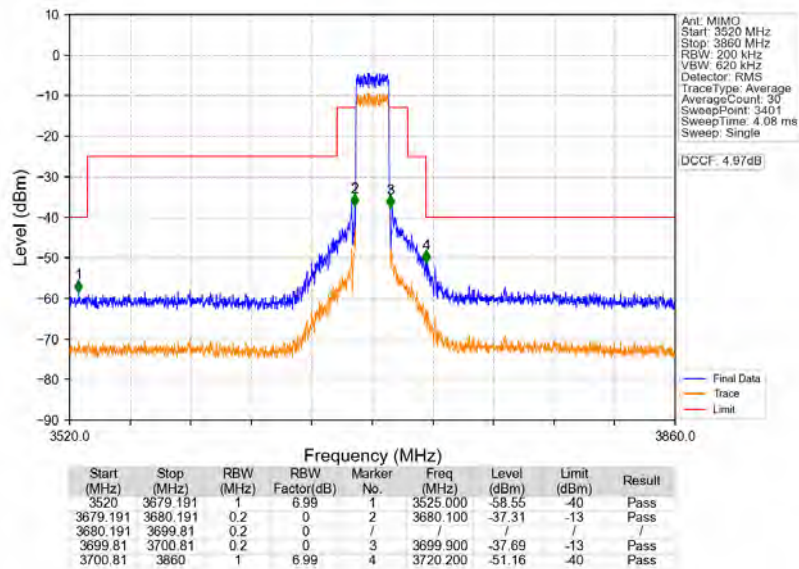
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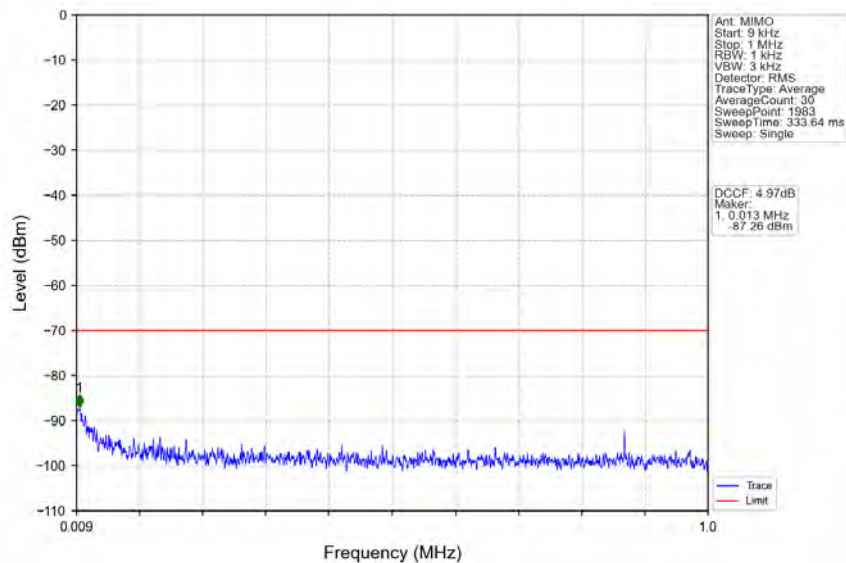
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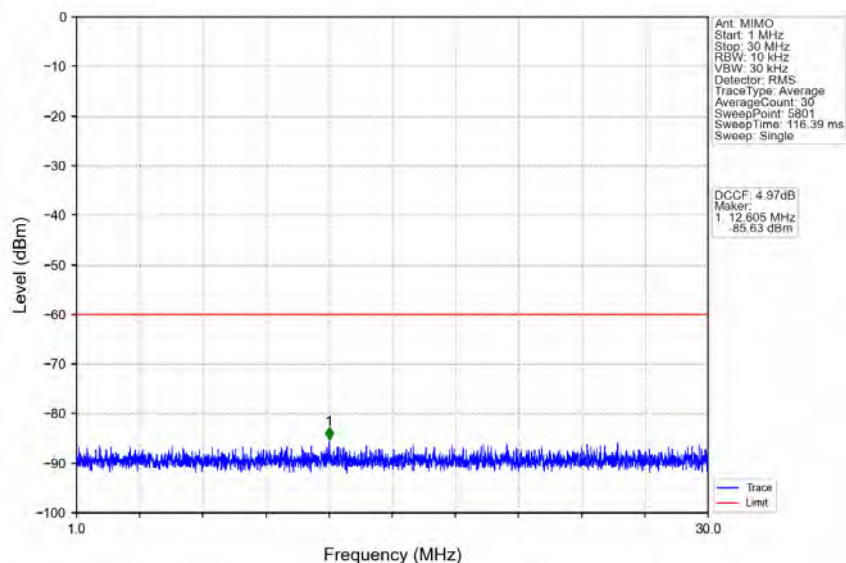
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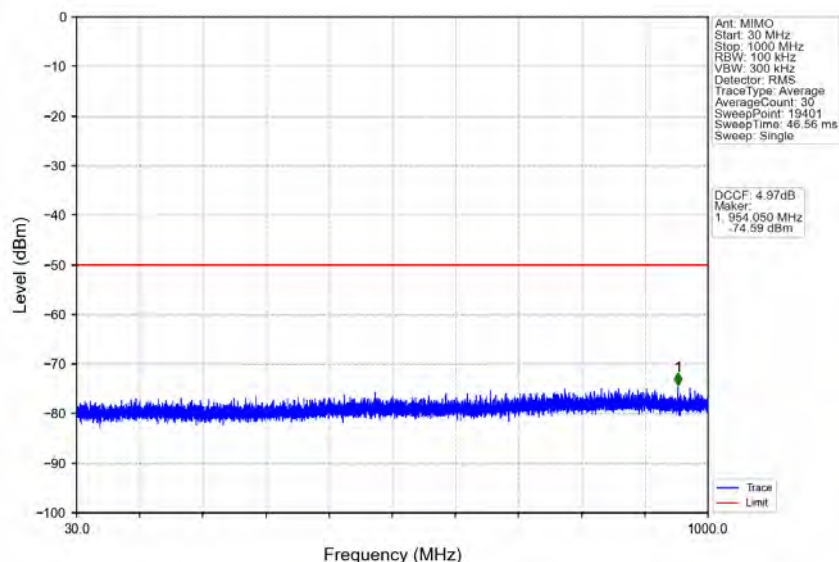
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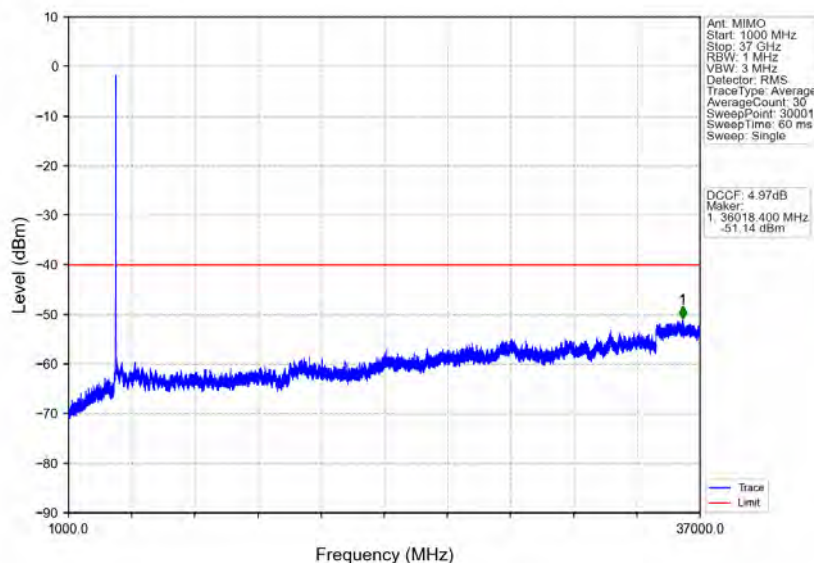
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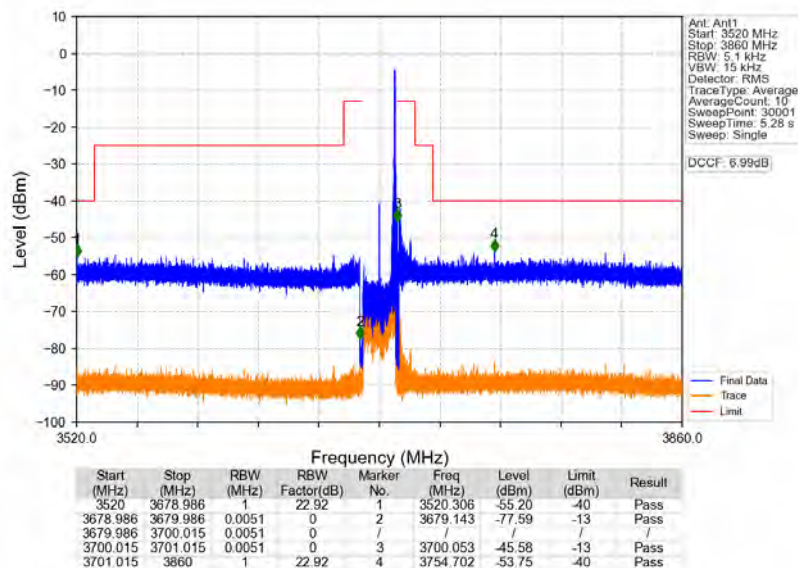
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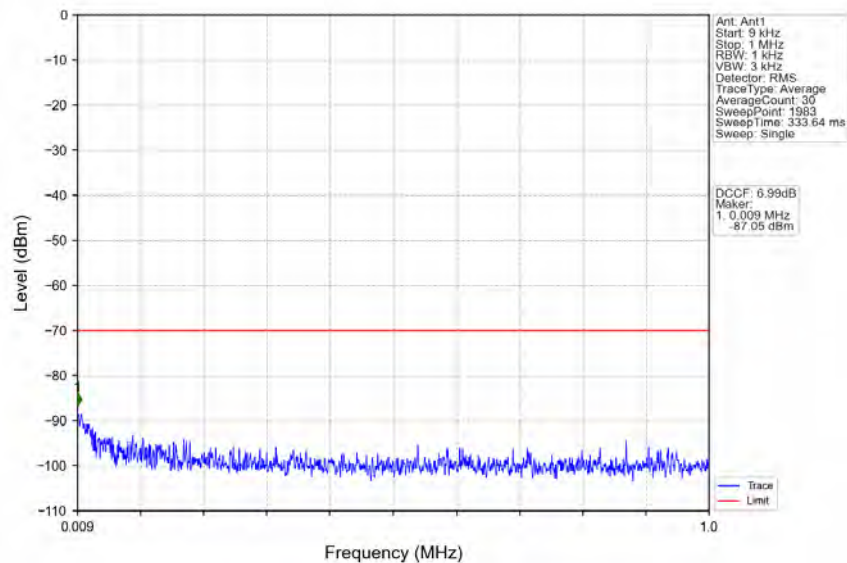
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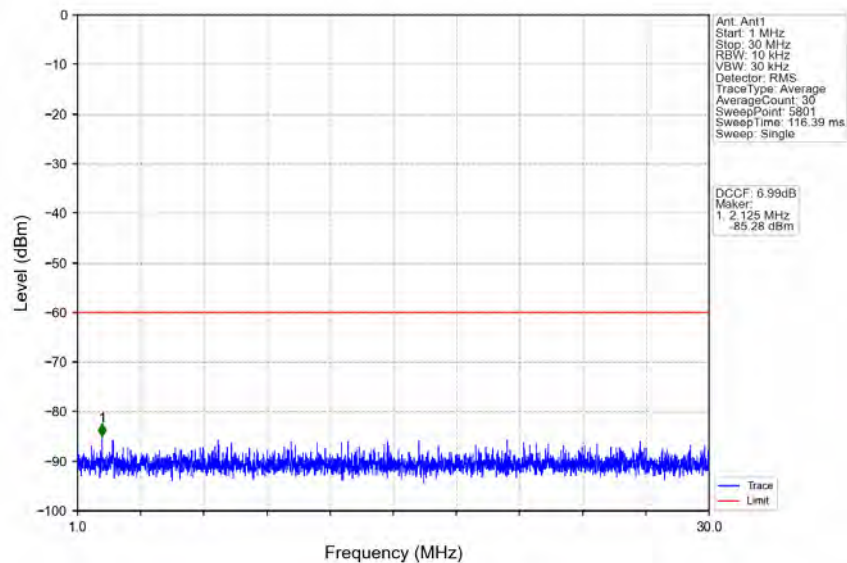
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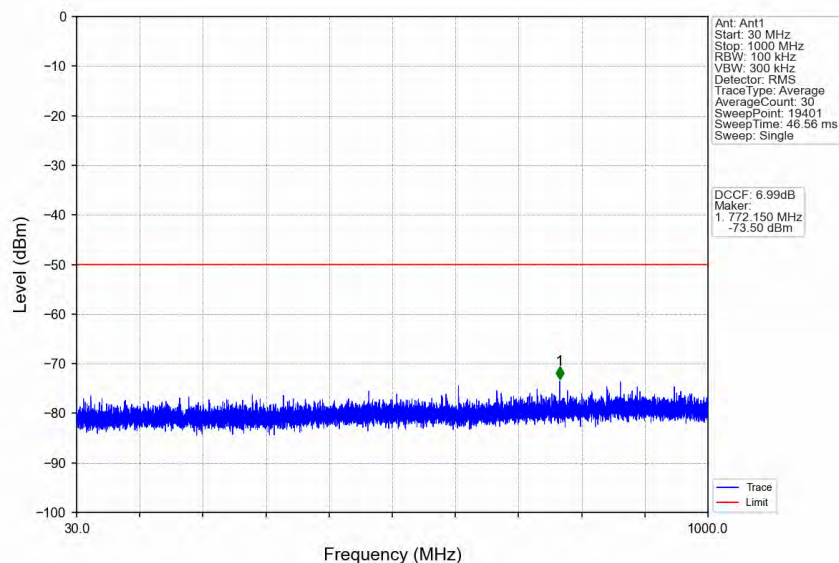
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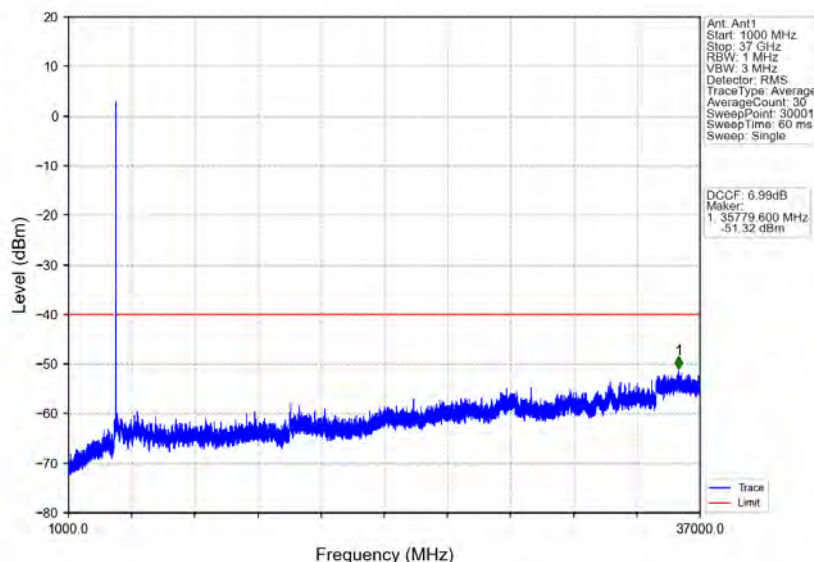
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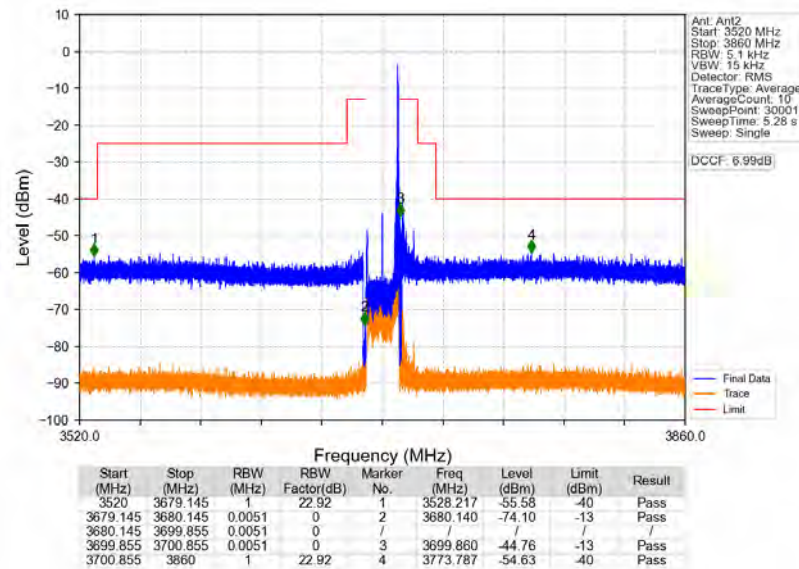
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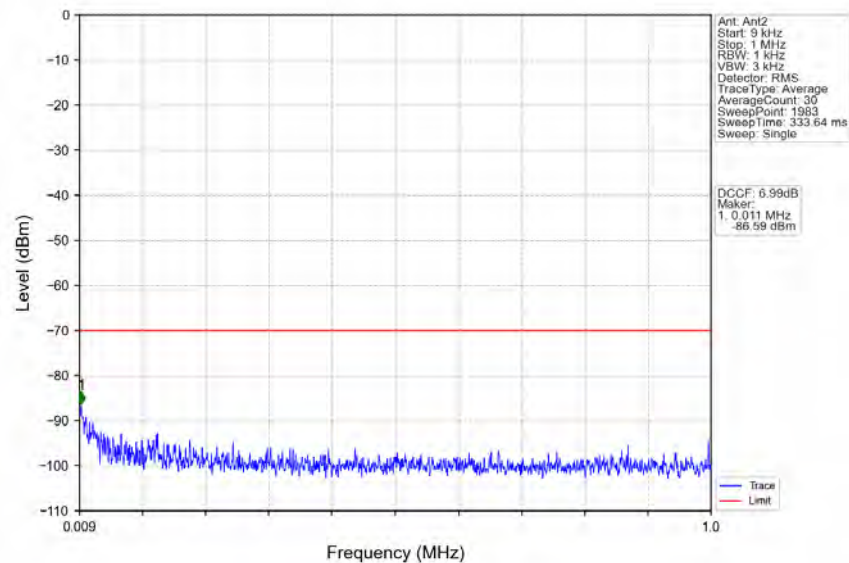
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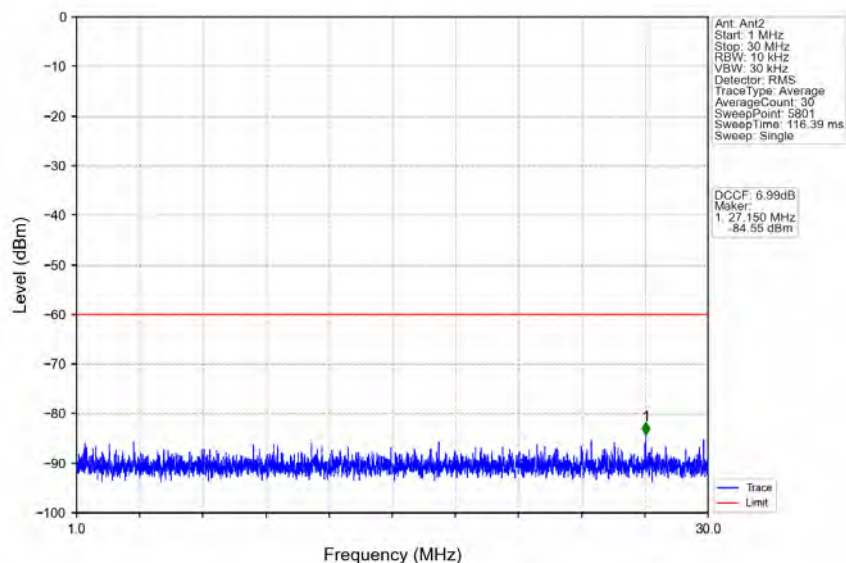
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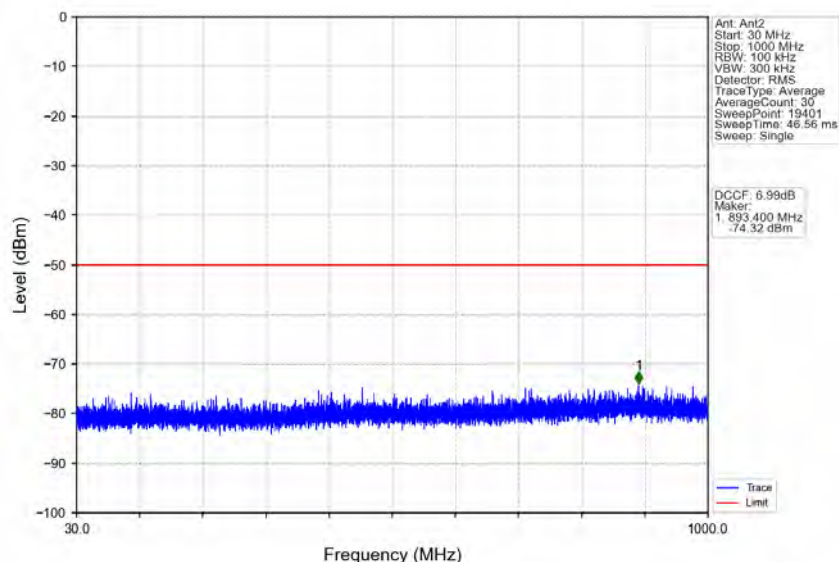
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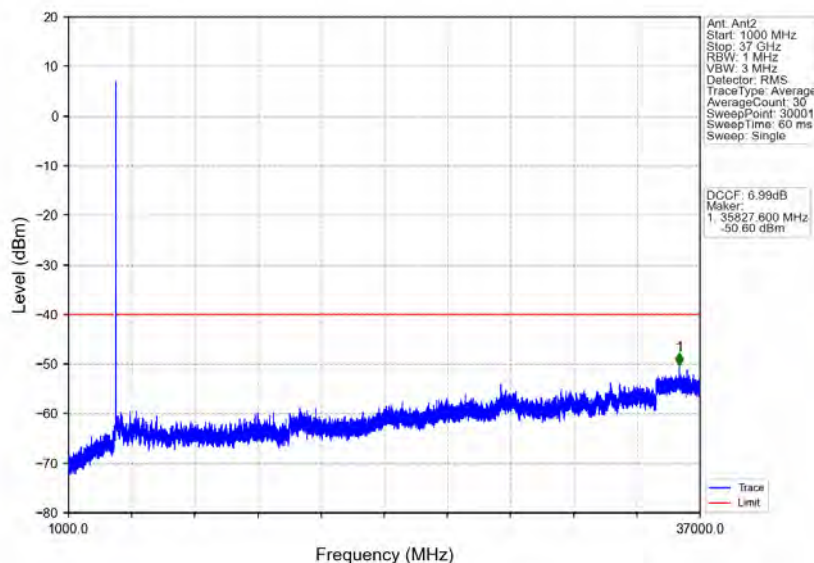
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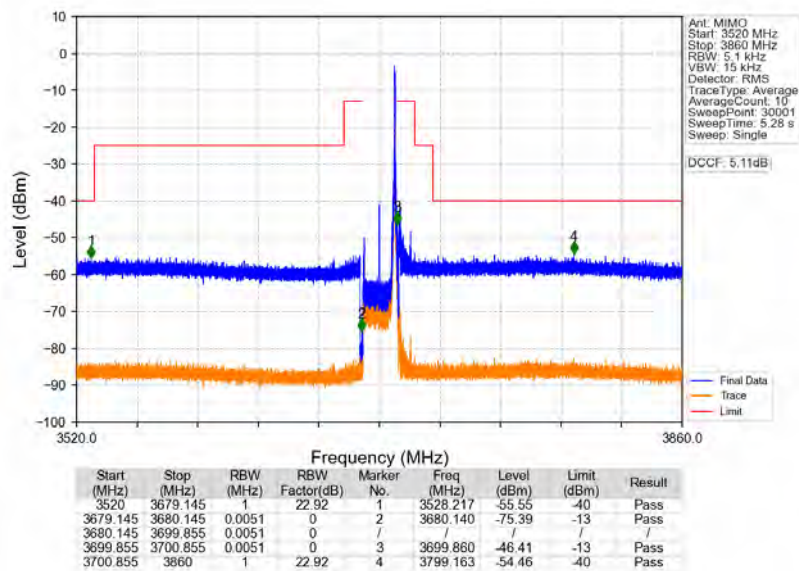
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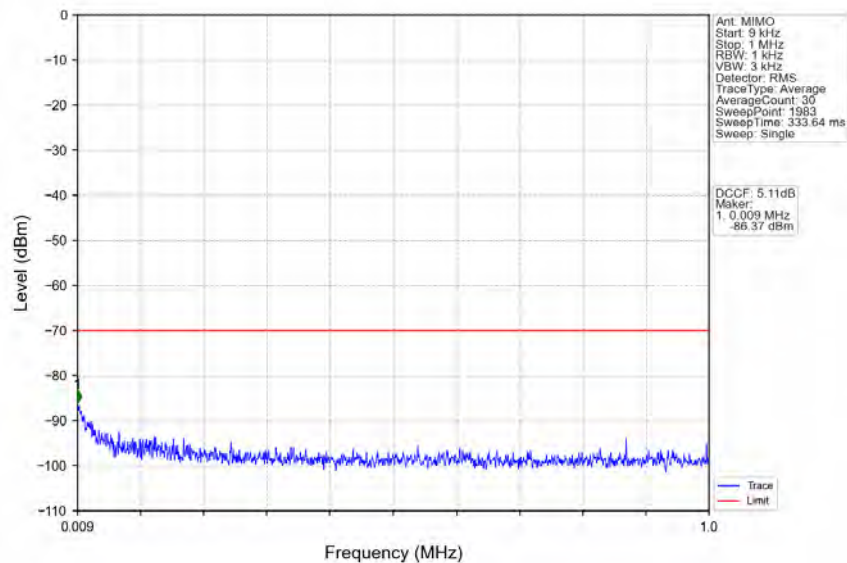
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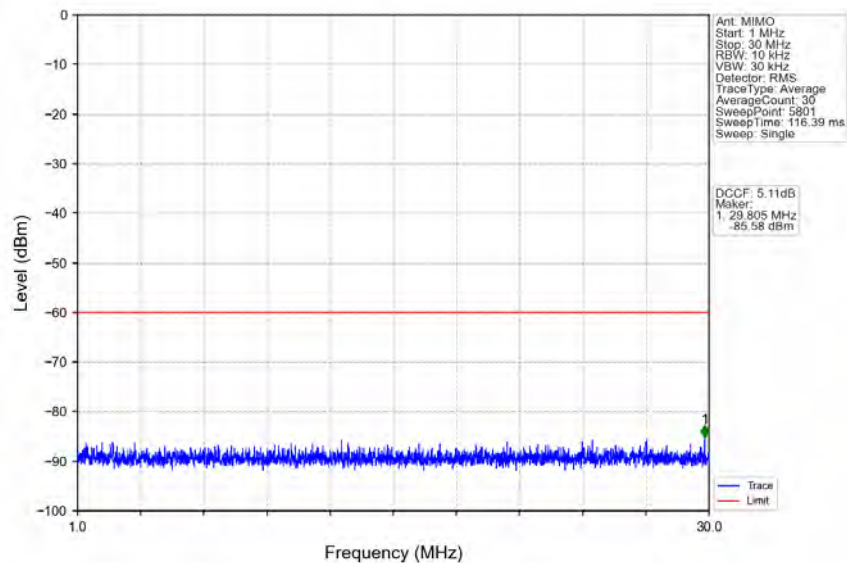
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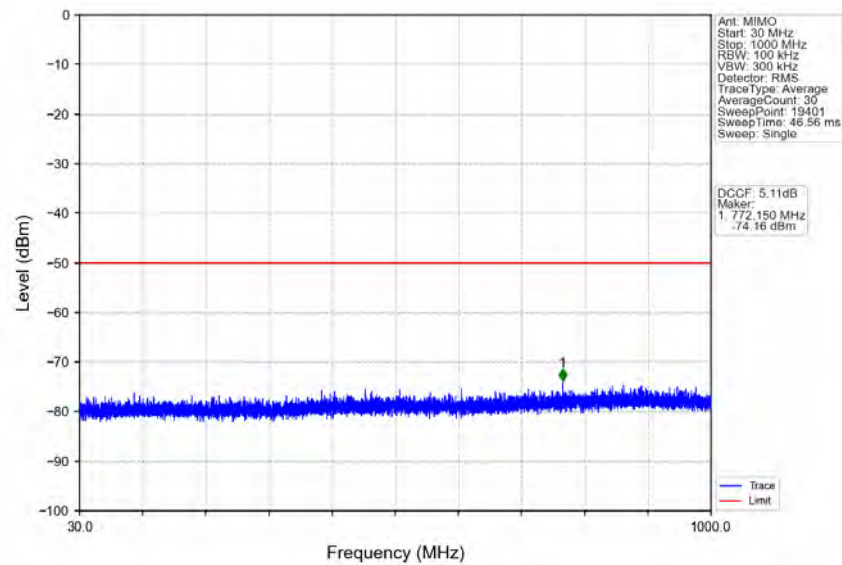
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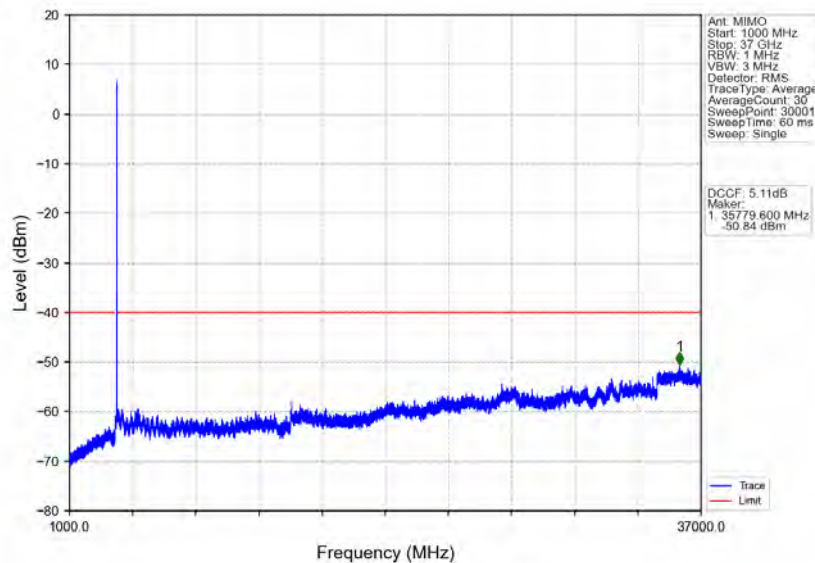
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6.4 30k_MIMO_30MHz_NTNV

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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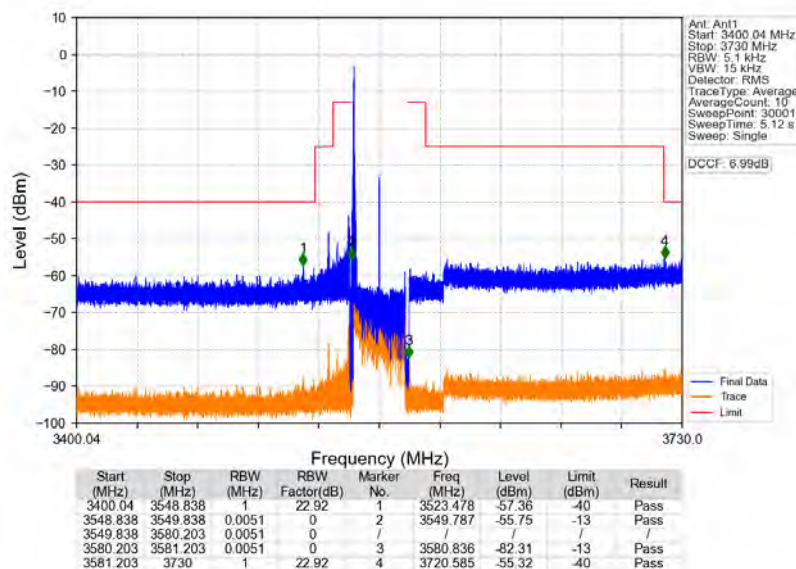
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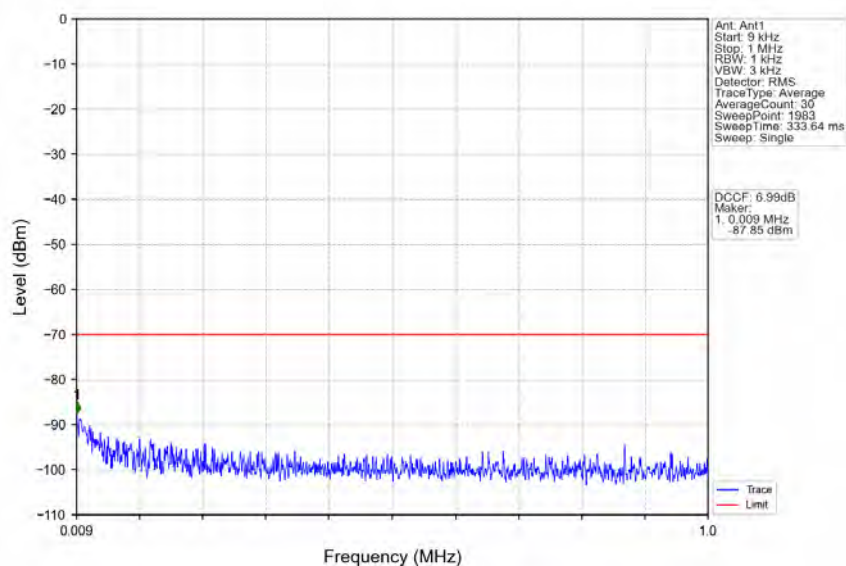
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6.4.2 Test Graph

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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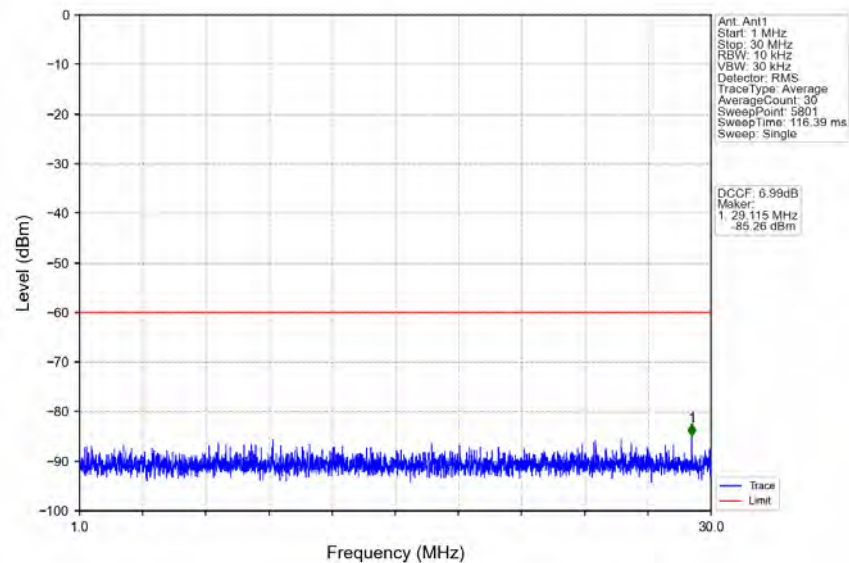
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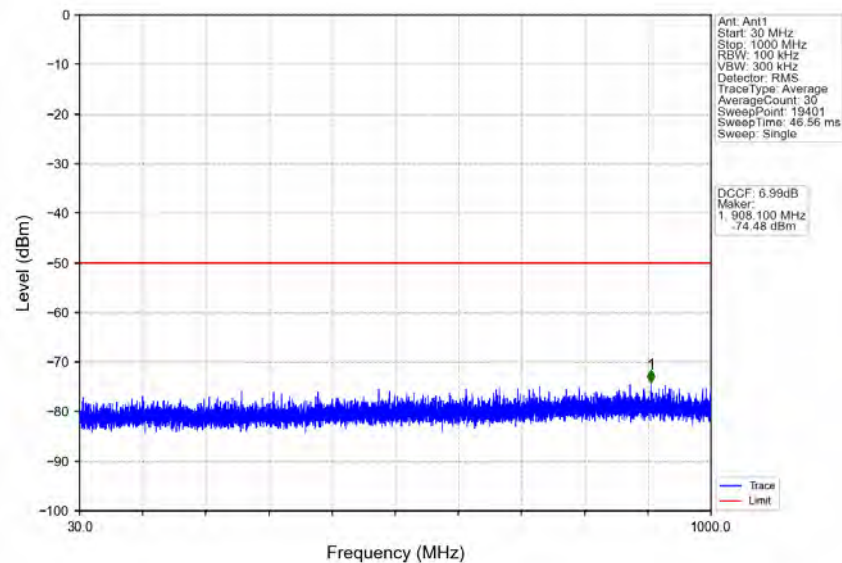
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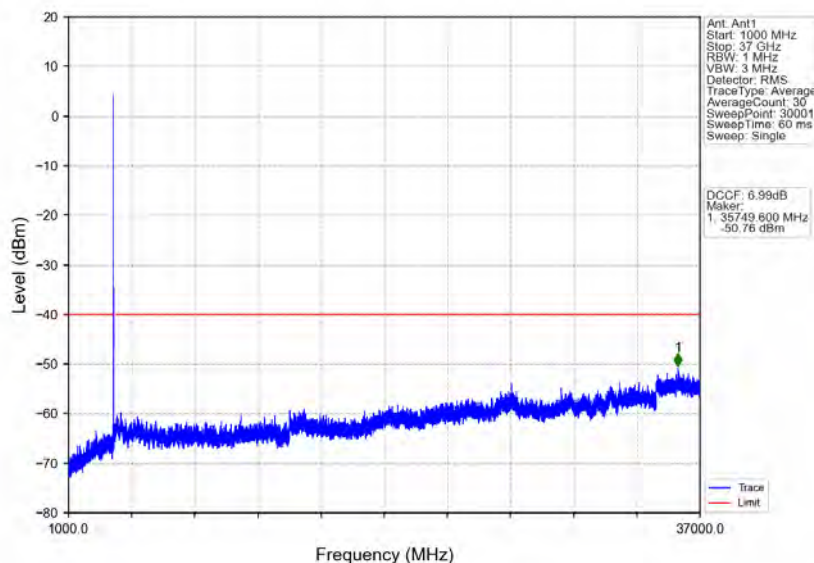
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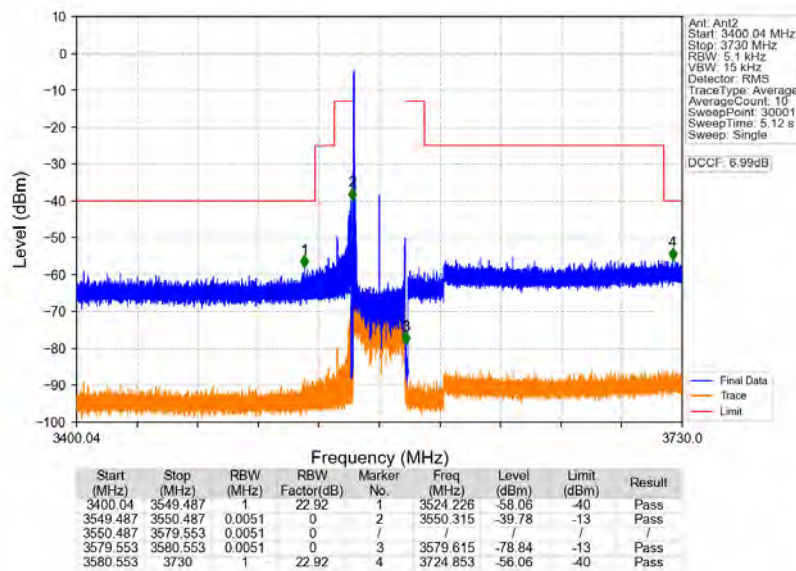
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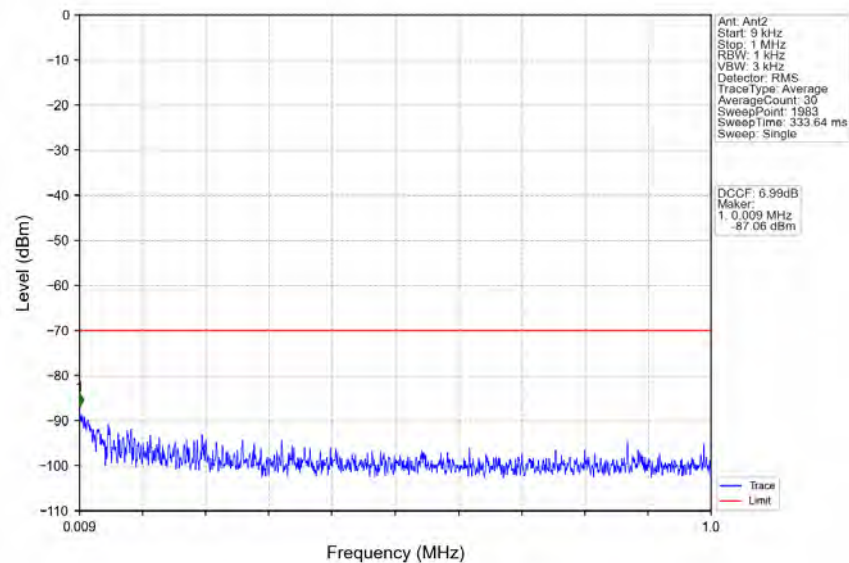
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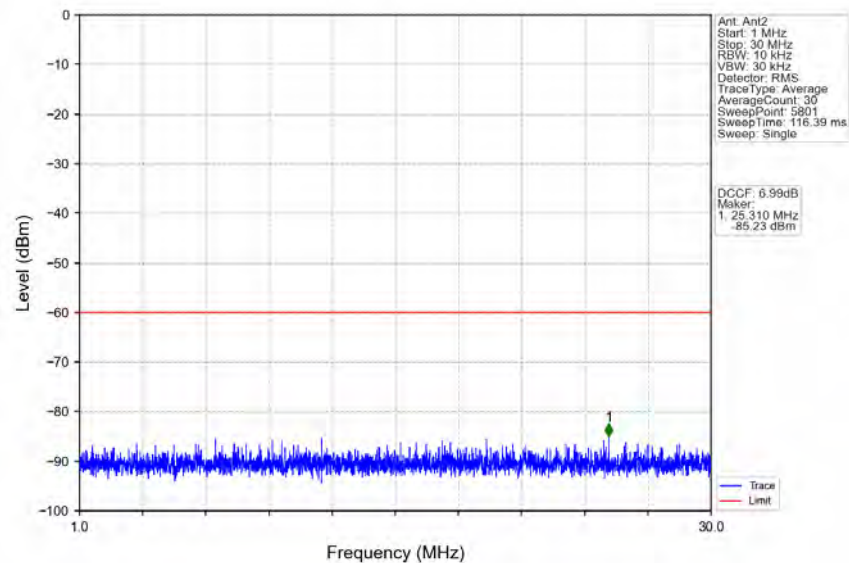
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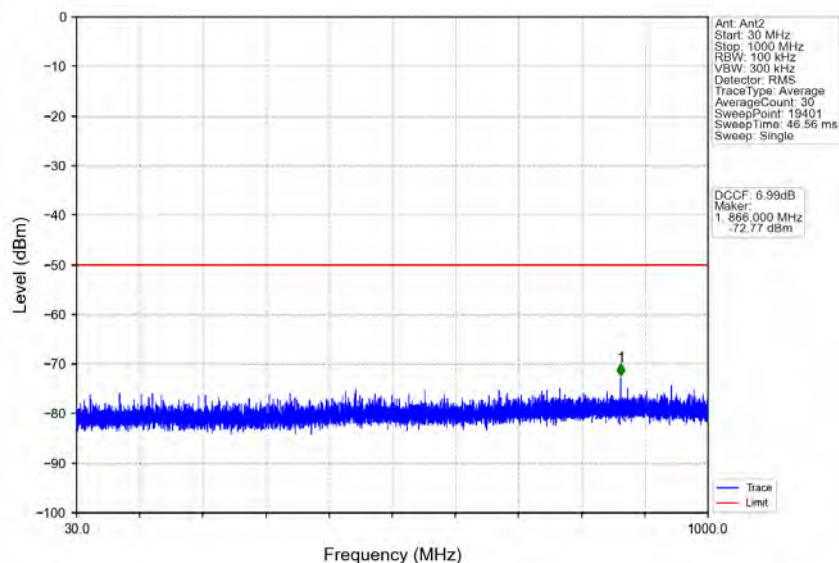
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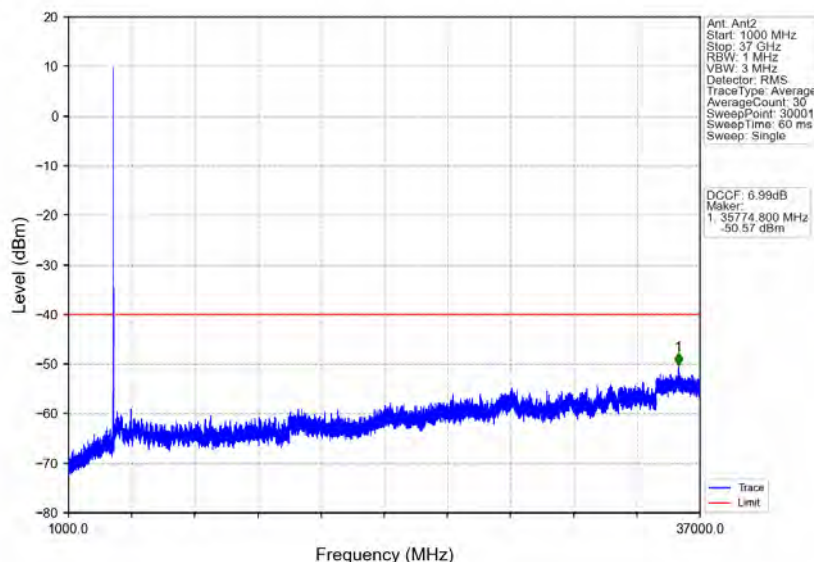
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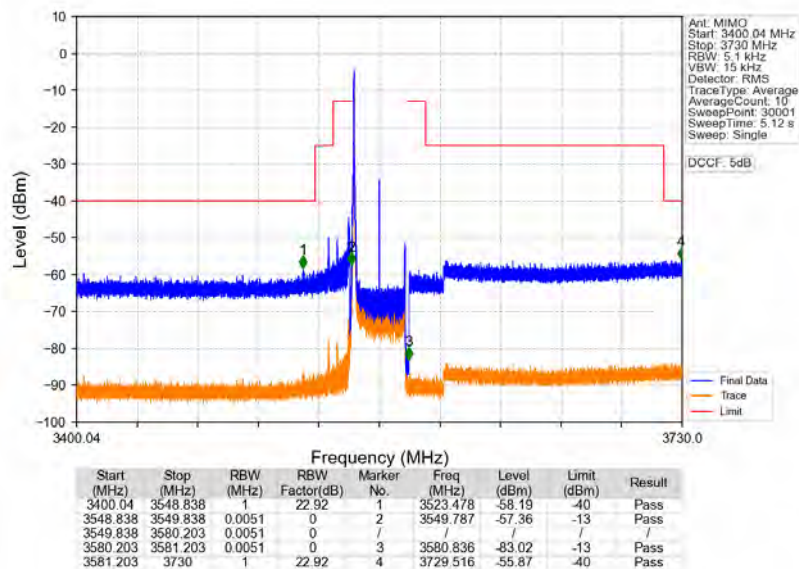
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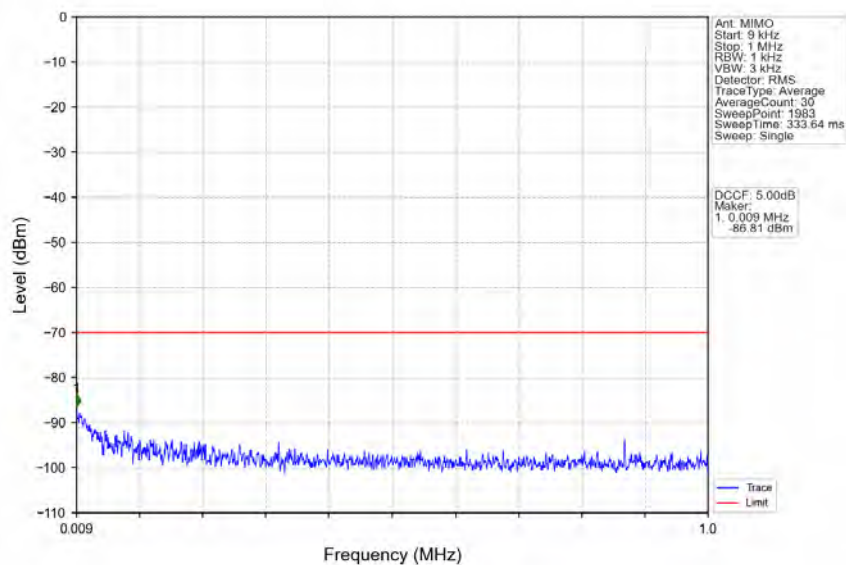
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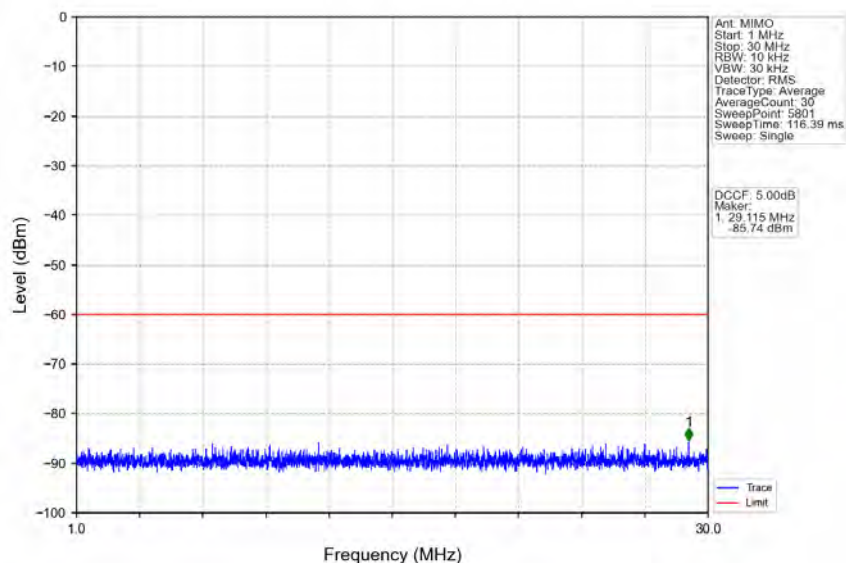
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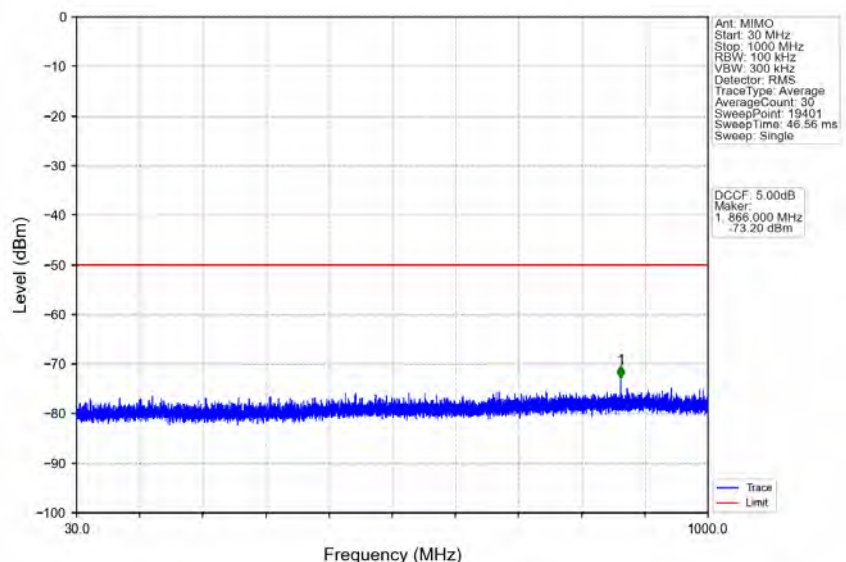
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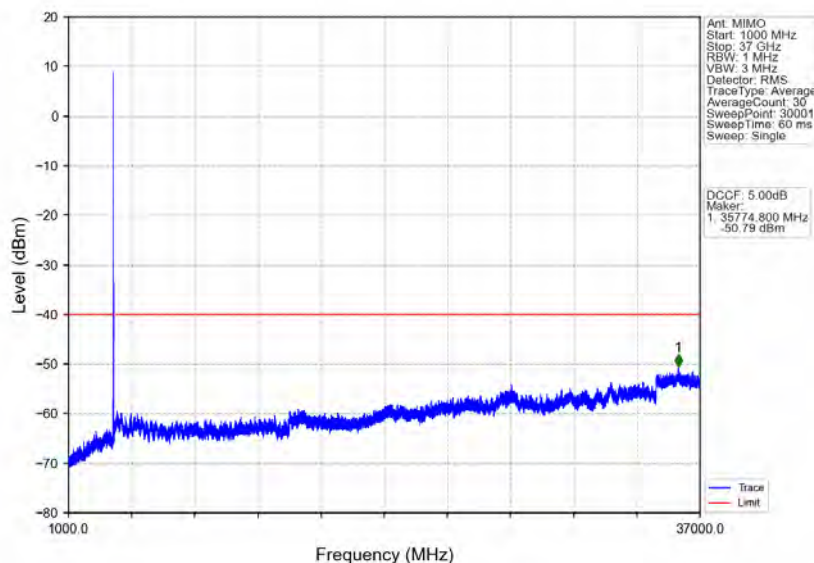
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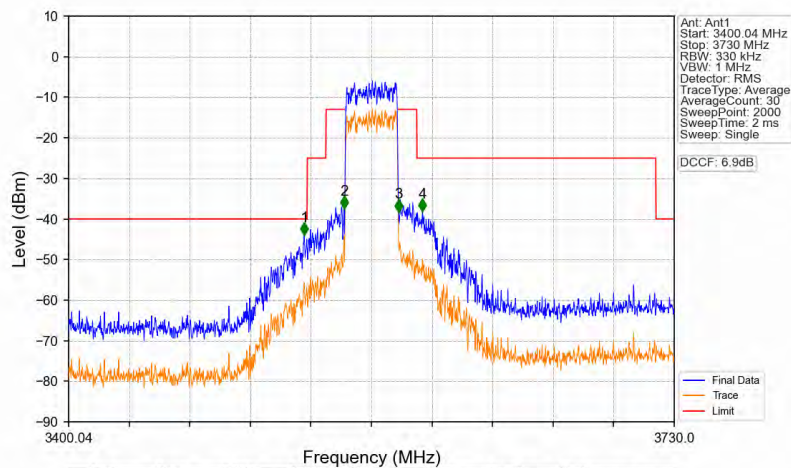
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3400.04	3549.318	1	4.81	1	3528.459	-44.02	-40	Pass
3549.318	3550.318	0.33	0	2	3550.082	-37.47	-13	Pass
3550.318	3579.723	0.33	0	/	/	/	/	/
3579.723	3580.723	0.33	0	3	3579.793	-38.26	-13	Pass
3580.723	3730	1	4.81	4	3592.833	-38.16	-25	Pass

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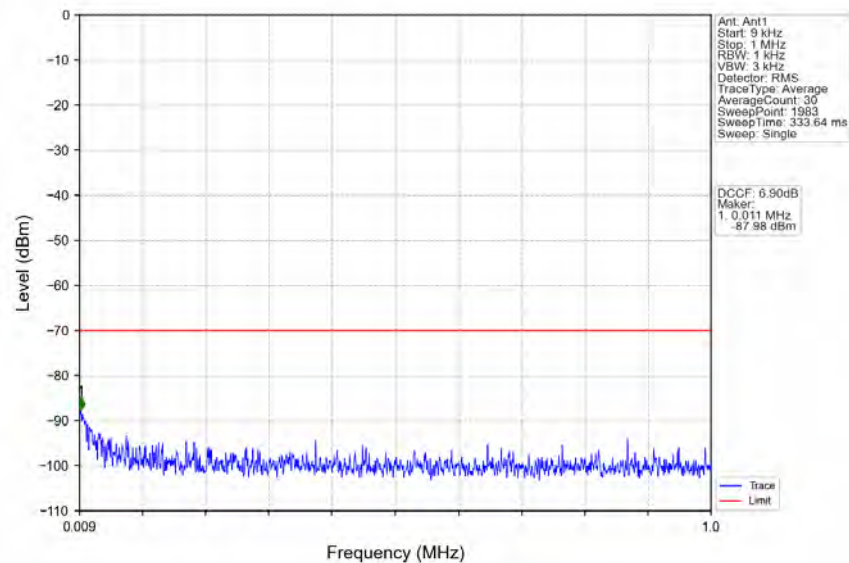
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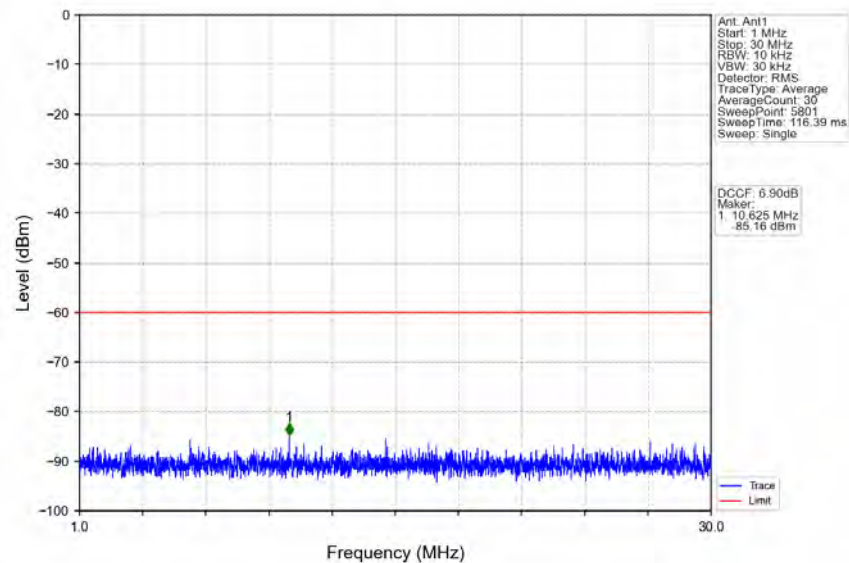
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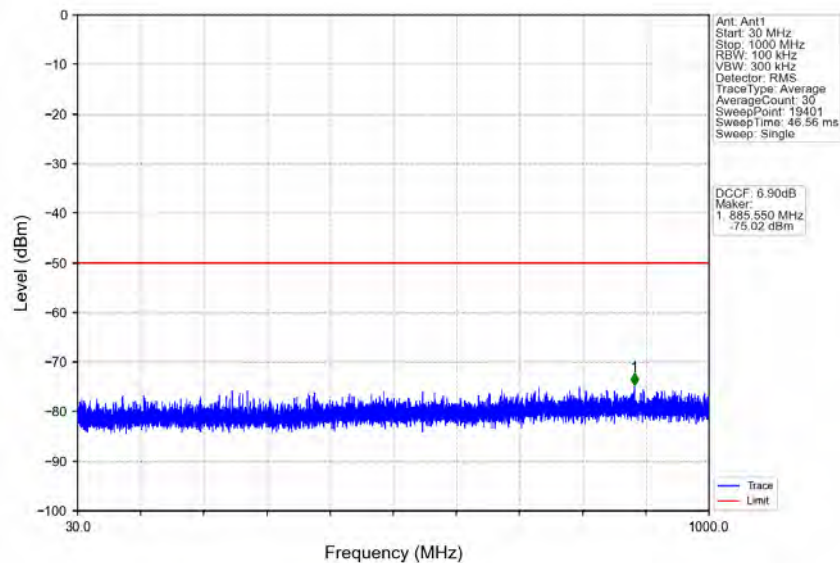
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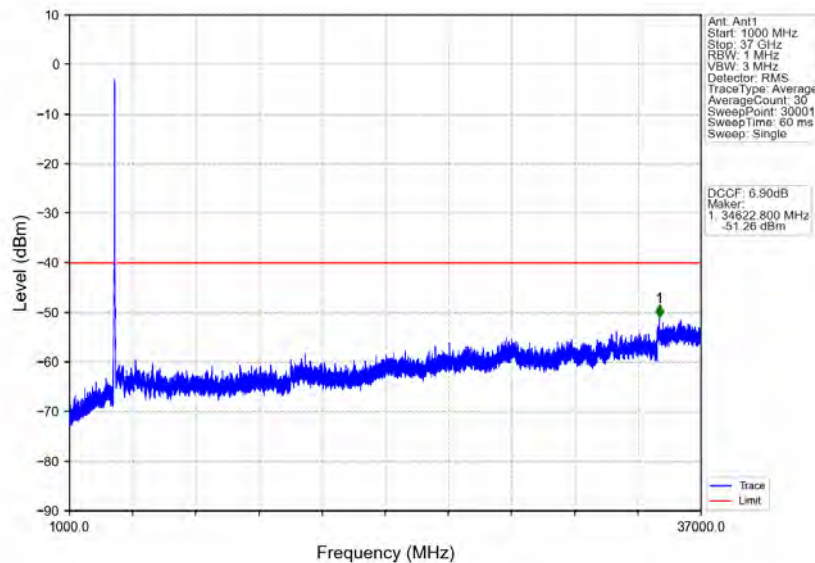
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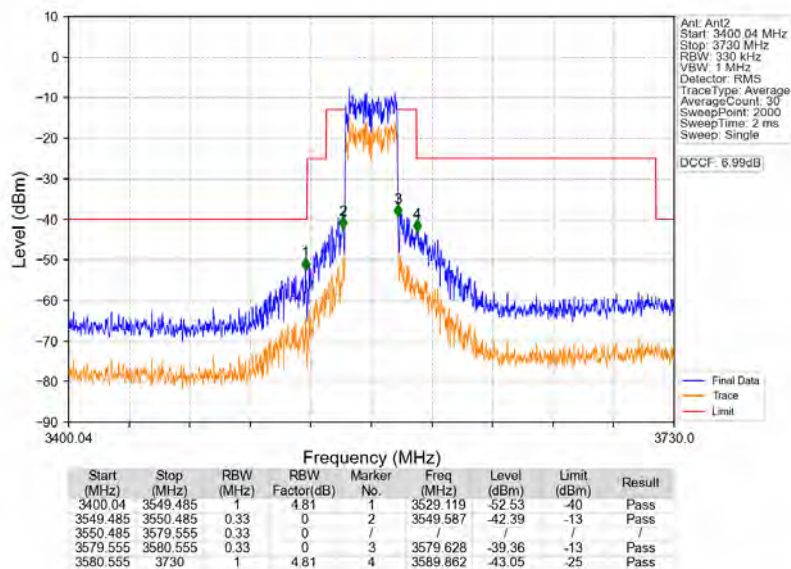
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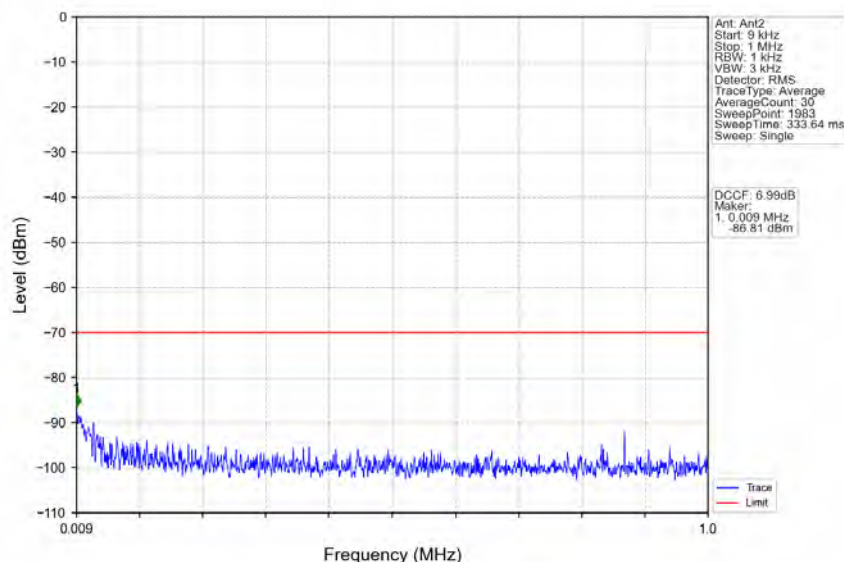
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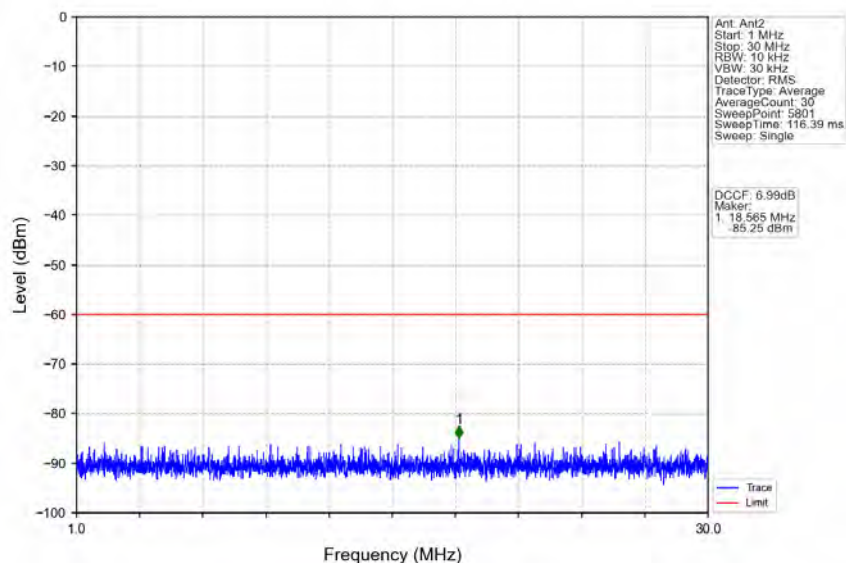
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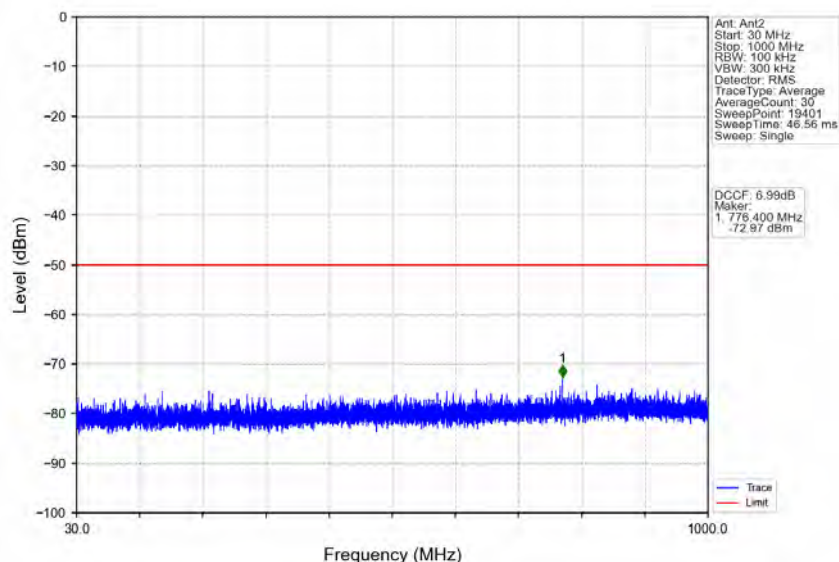
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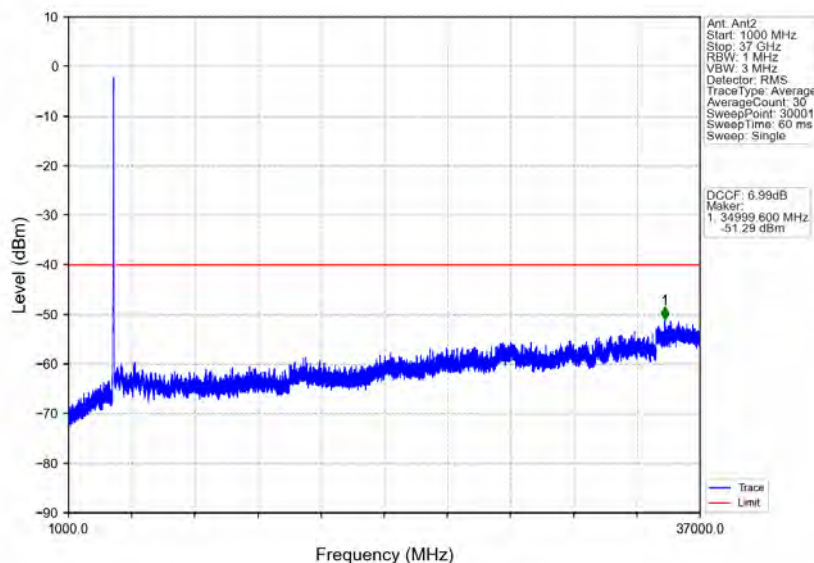
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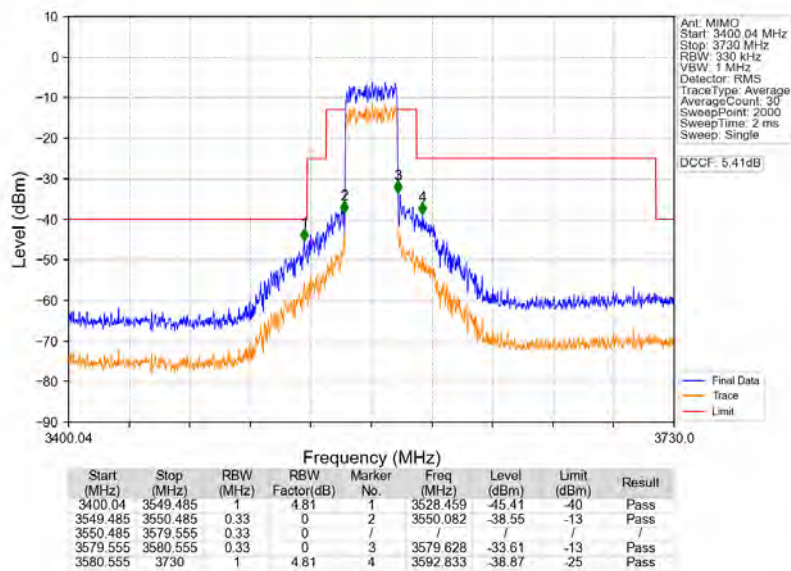
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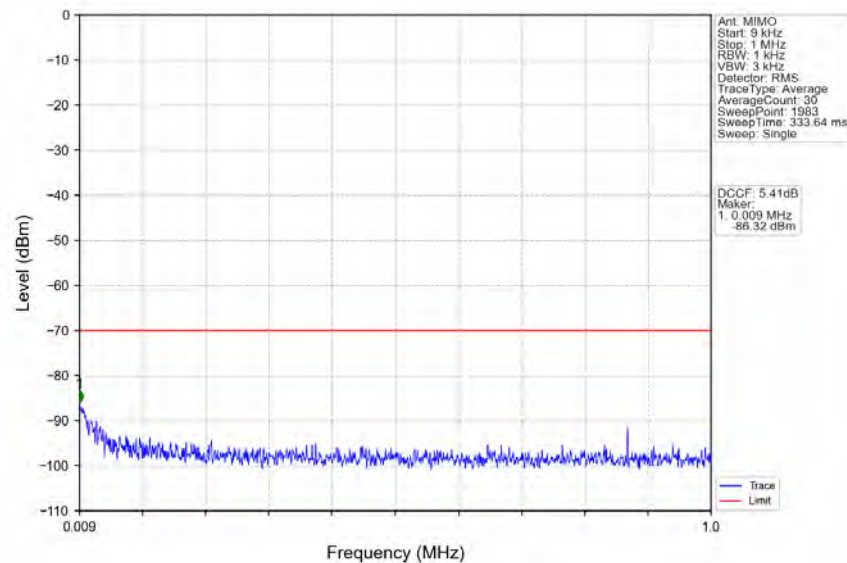
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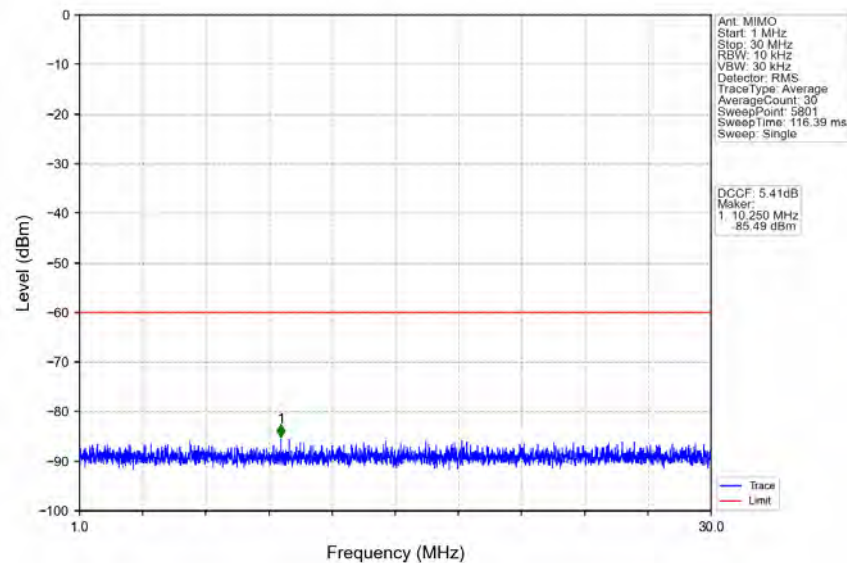
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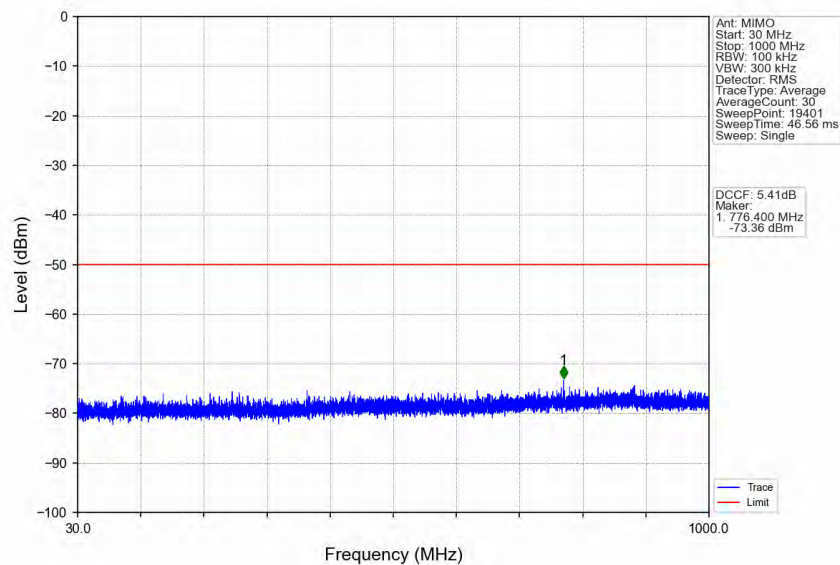
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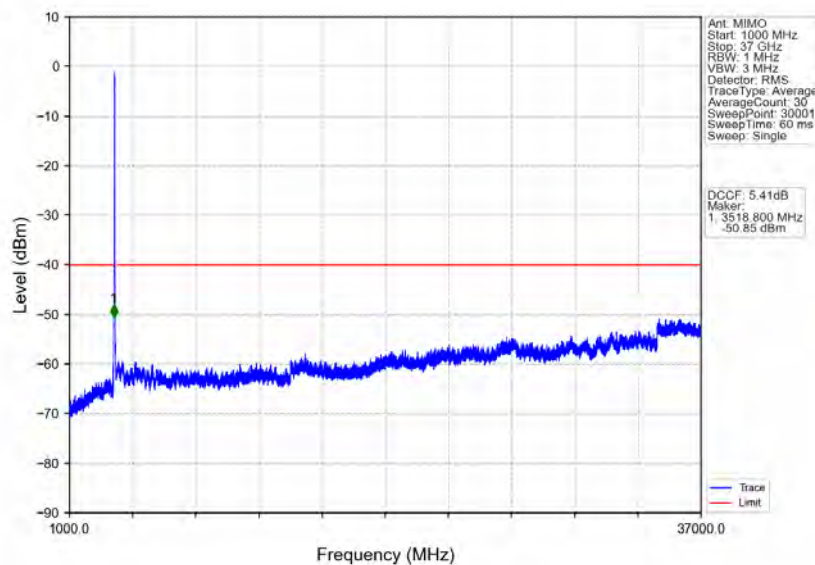
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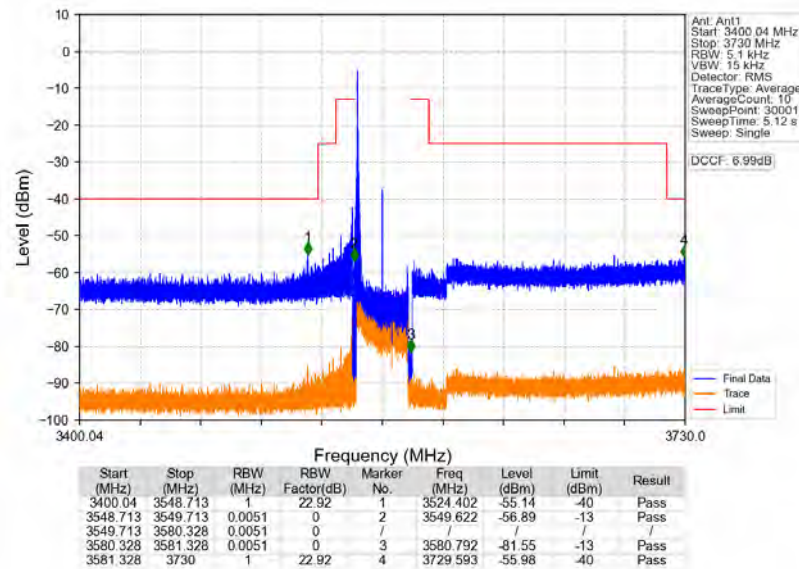
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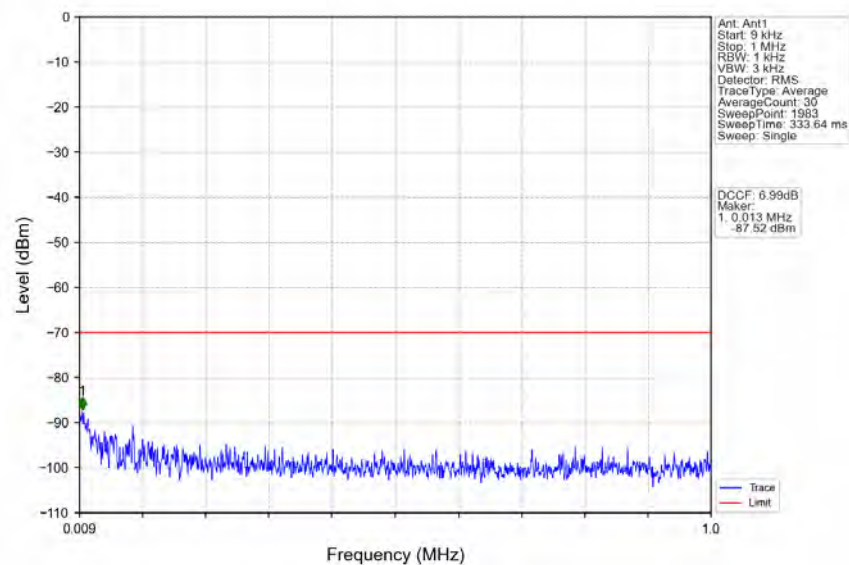
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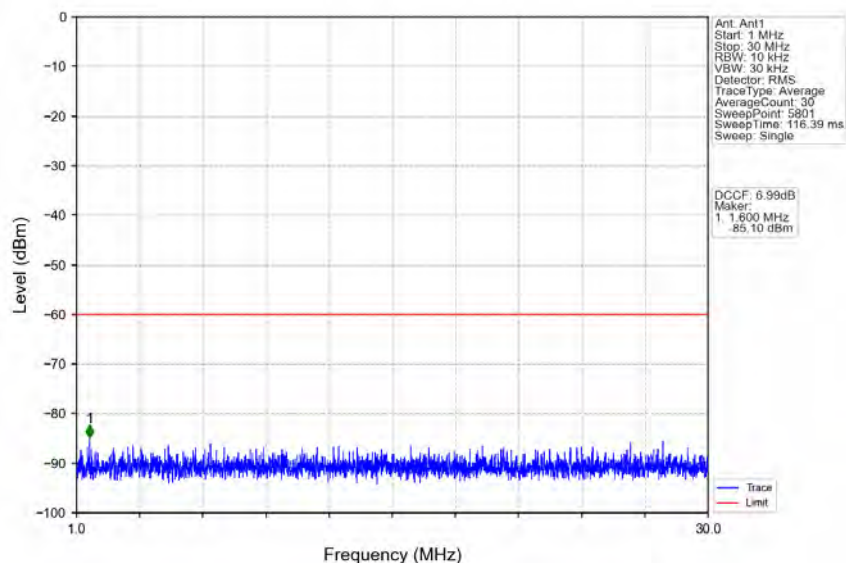
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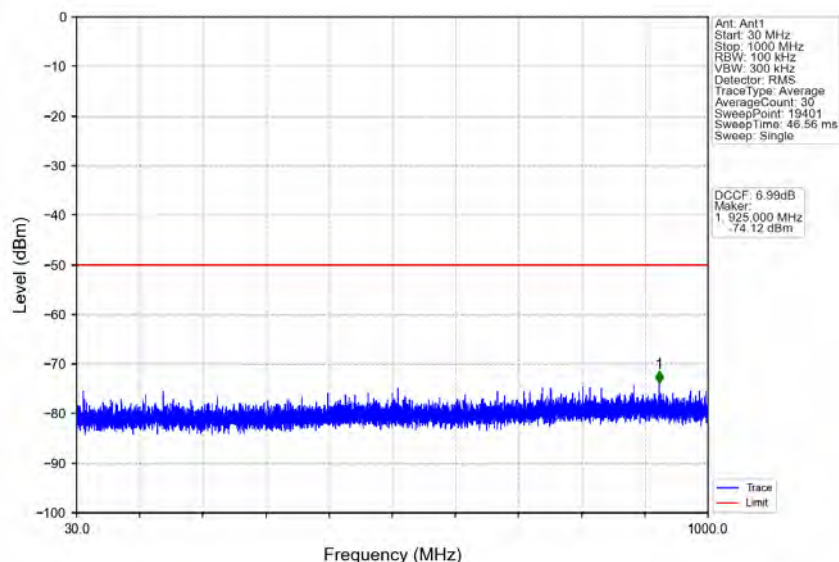
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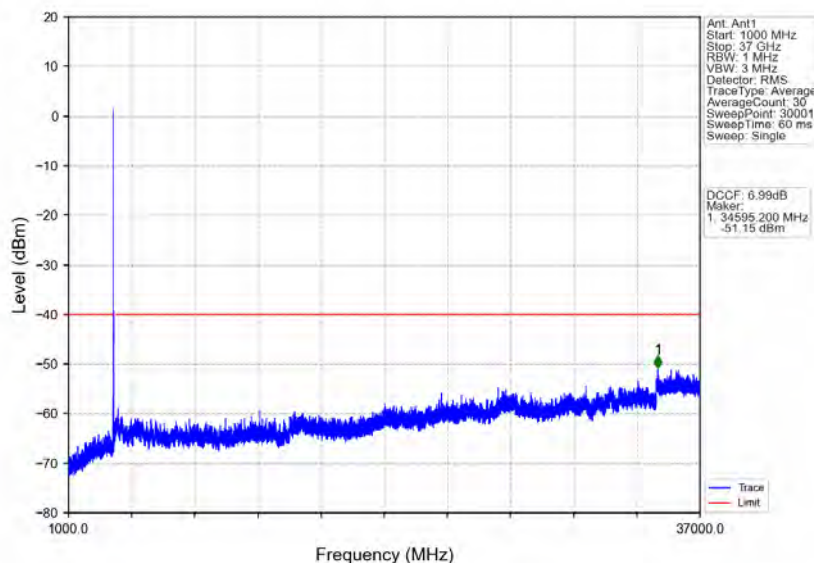
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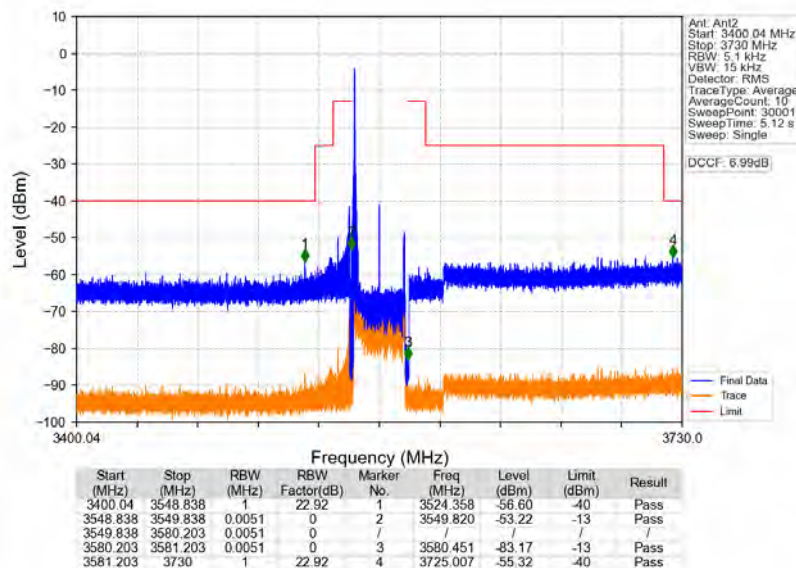
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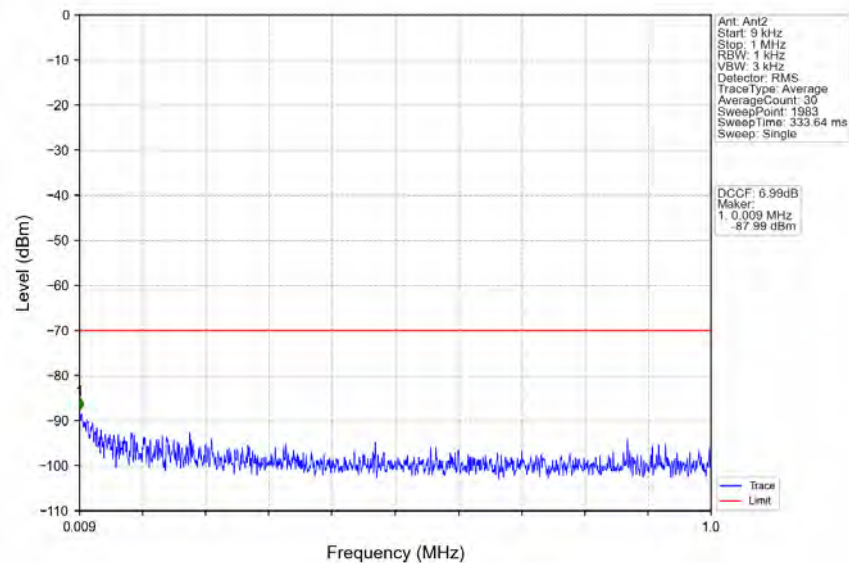
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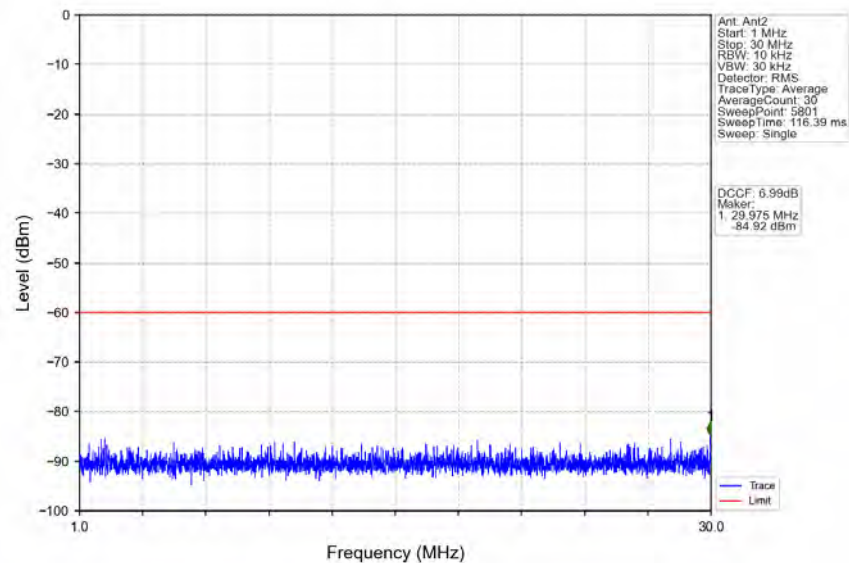
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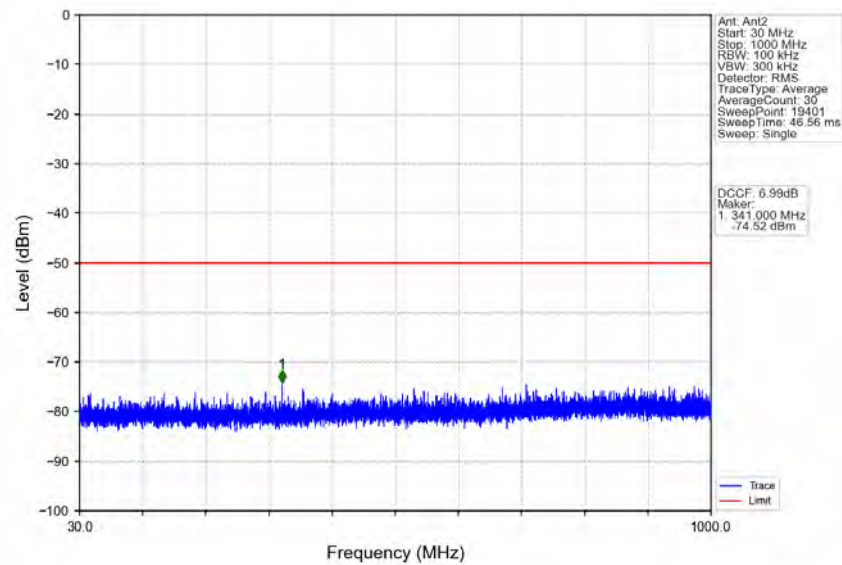
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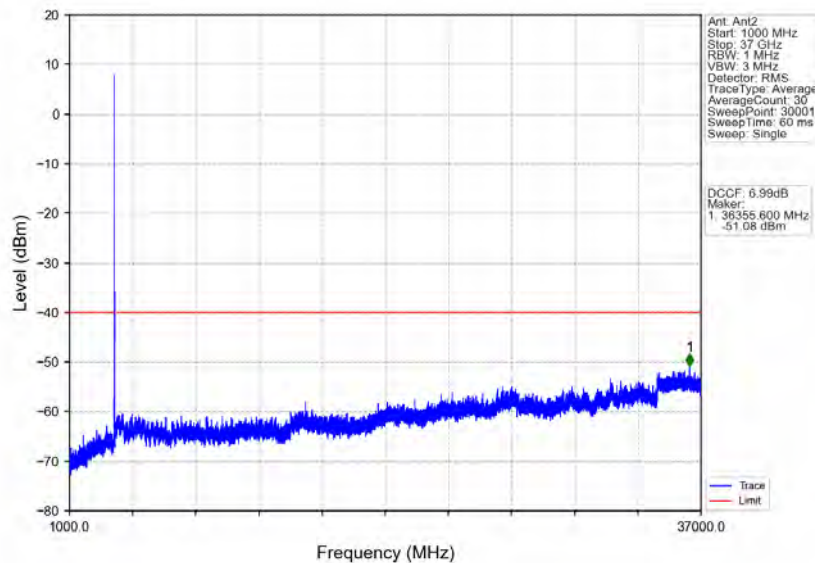
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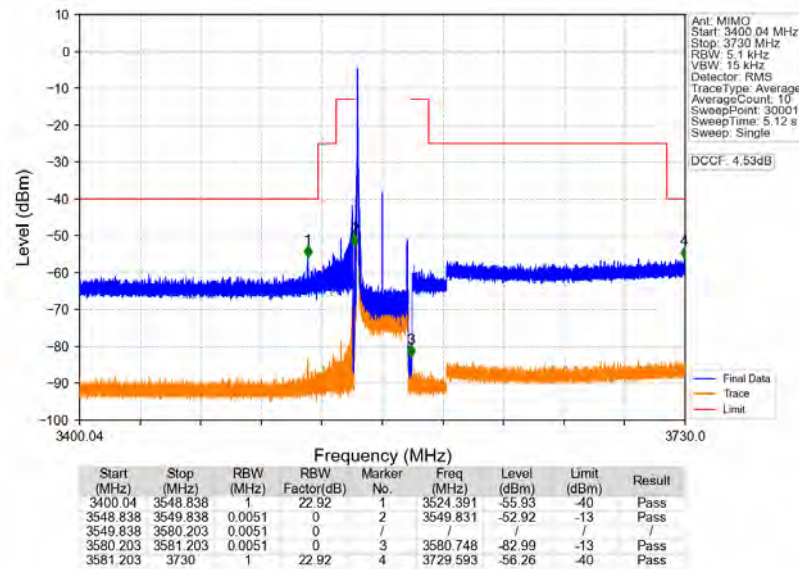
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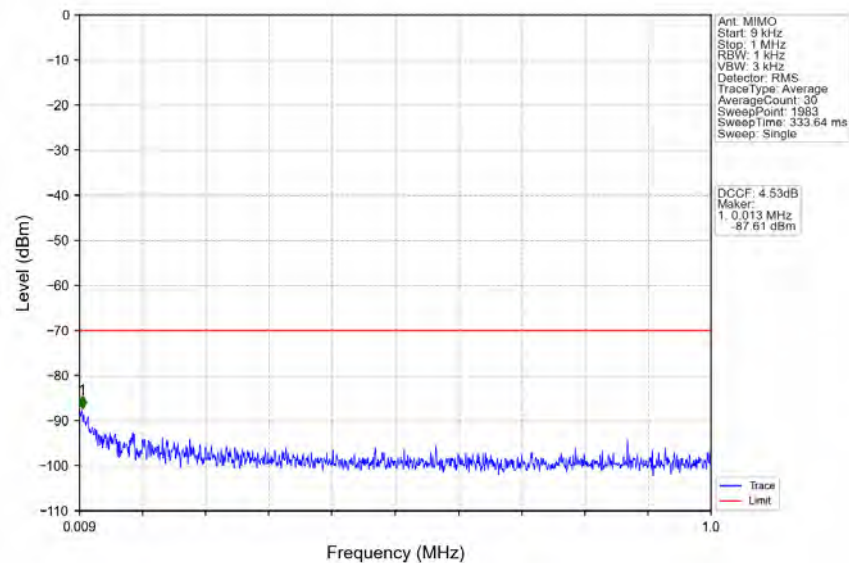
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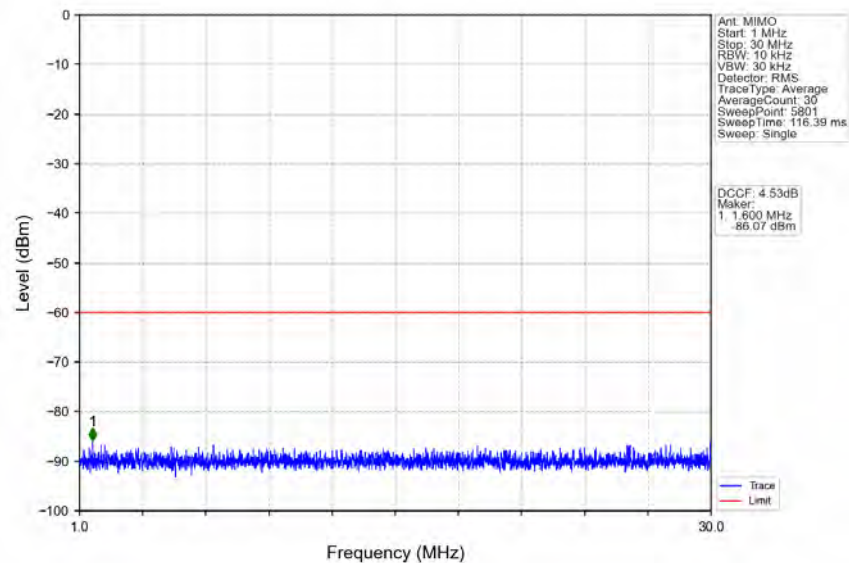
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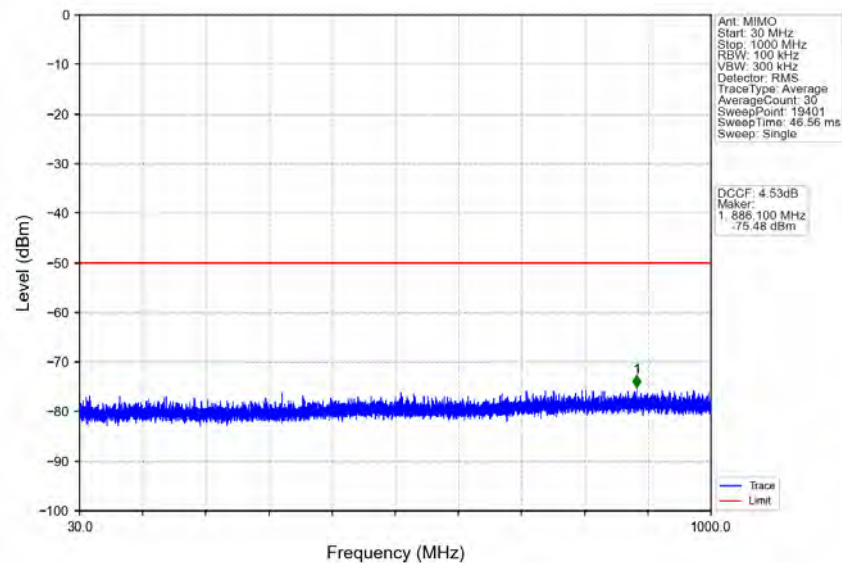
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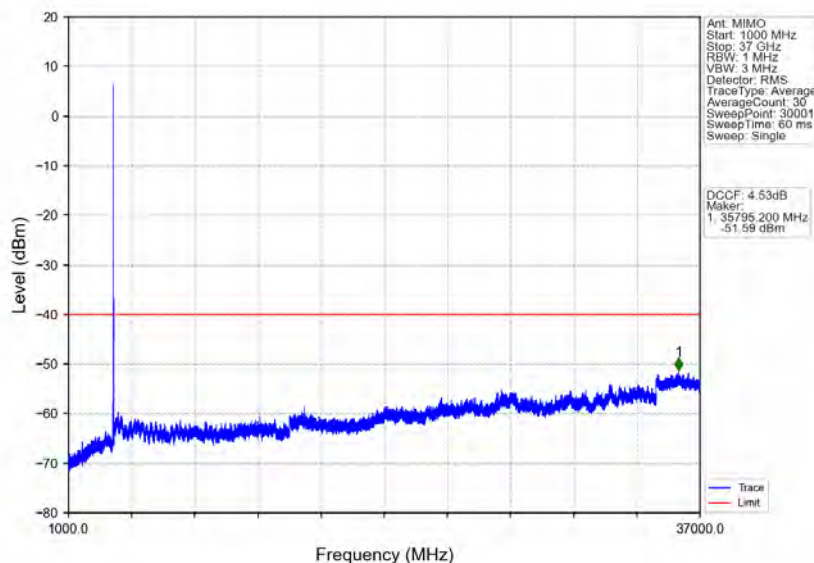
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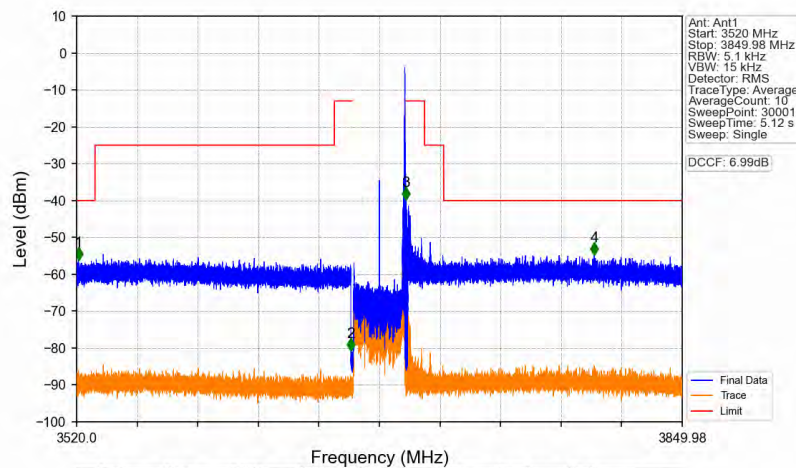
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3669.417	1	22.92	1	3521.012	-56.11	-40	Pass
3669.417	3670.417	0.0051	0	2	3669.547	-80.80	-13	Pass
3670.417	3699.563	0.0051	0	/	/	/	/	/
3699.563	3700.563	0.0051	0	3	3699.575	-39.86	-13	Pass
3700.563	3849.98	1	22.92	4	3802.133	-54.85	-40	Pass

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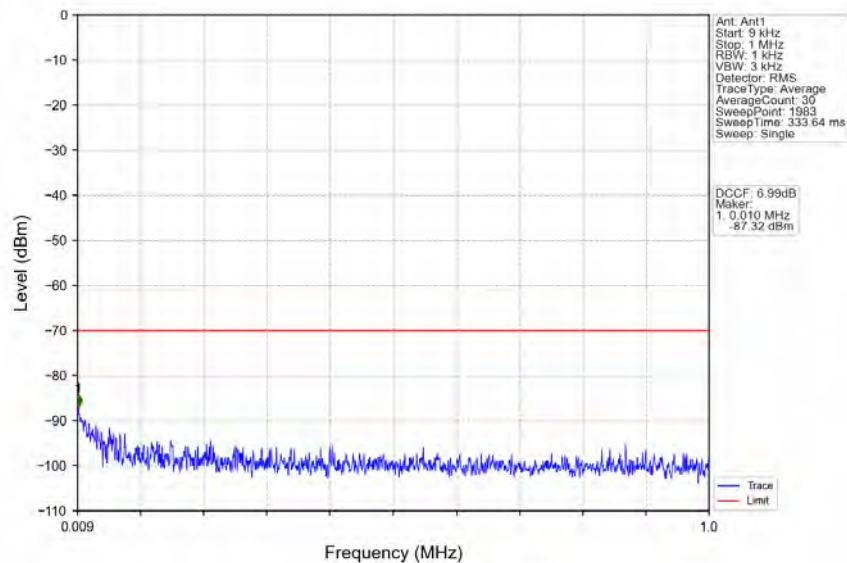
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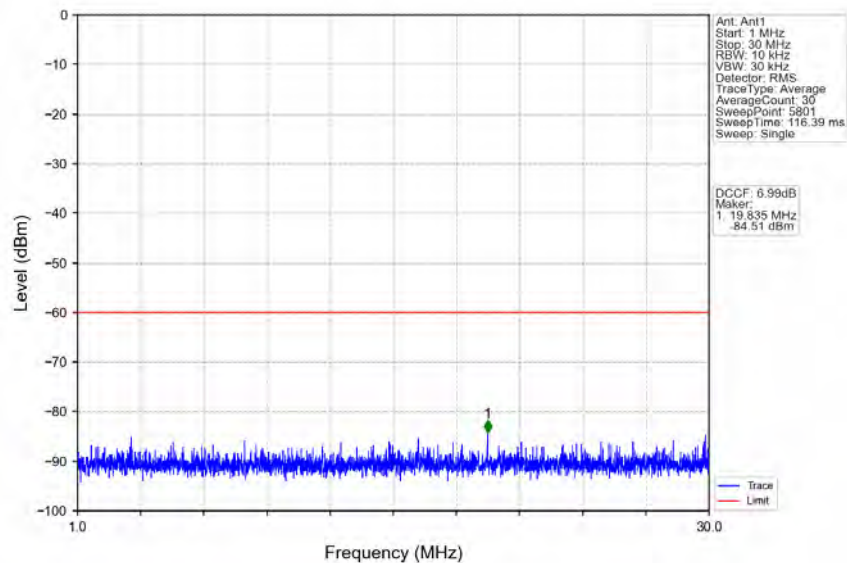
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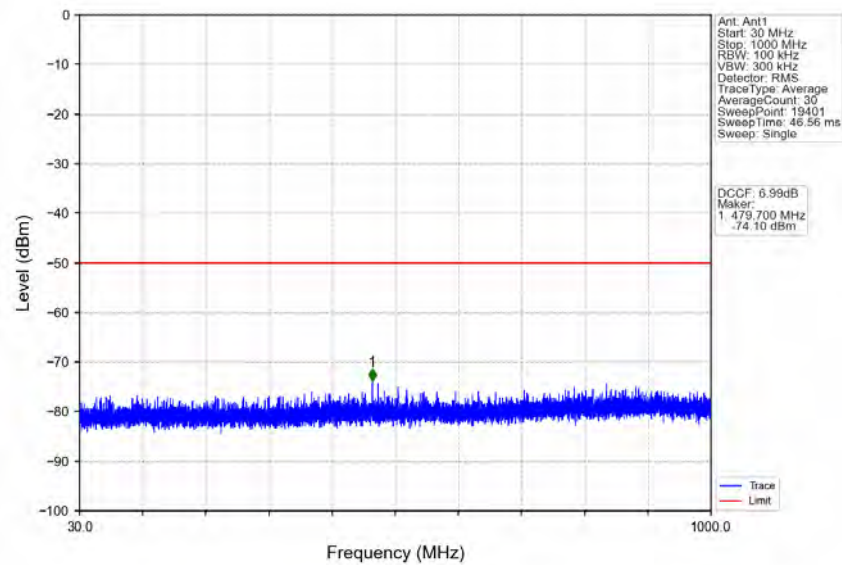
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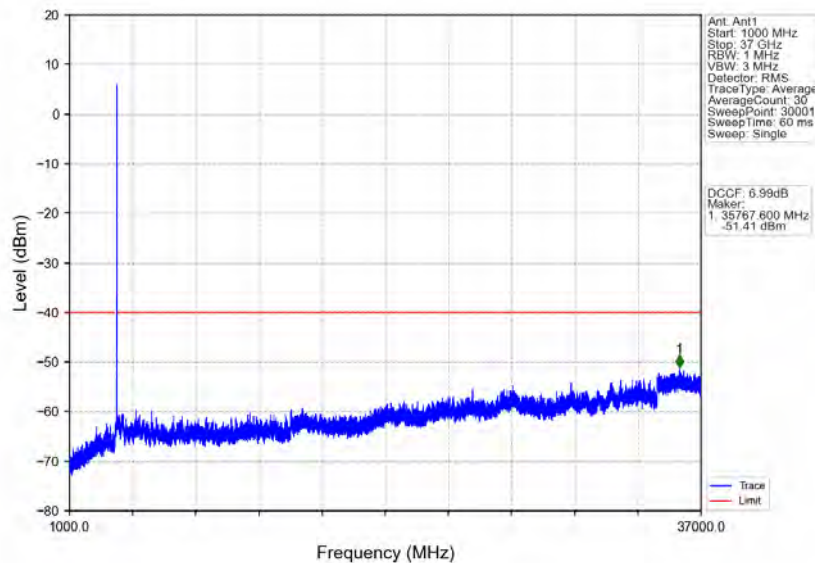
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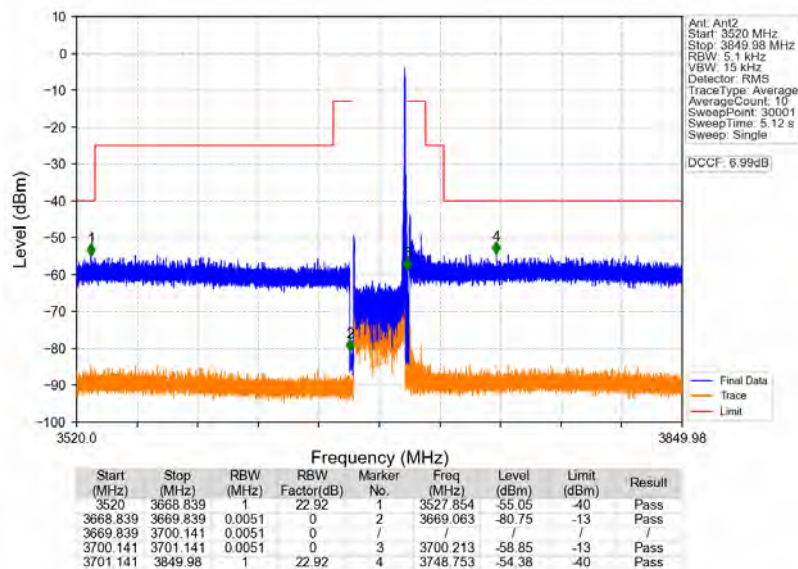
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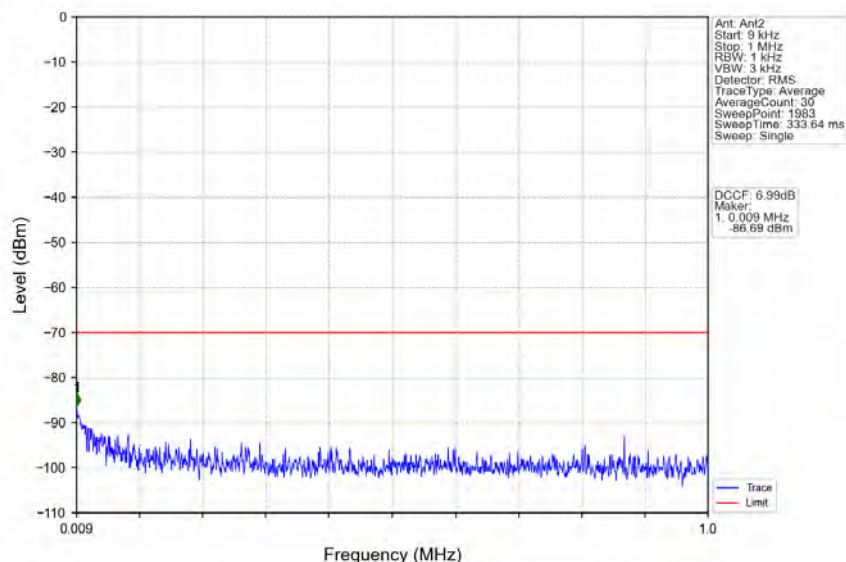
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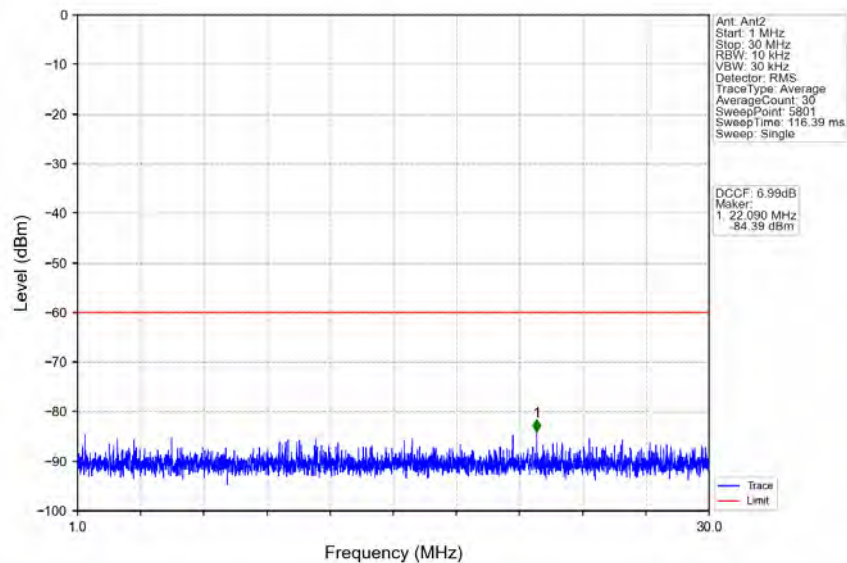
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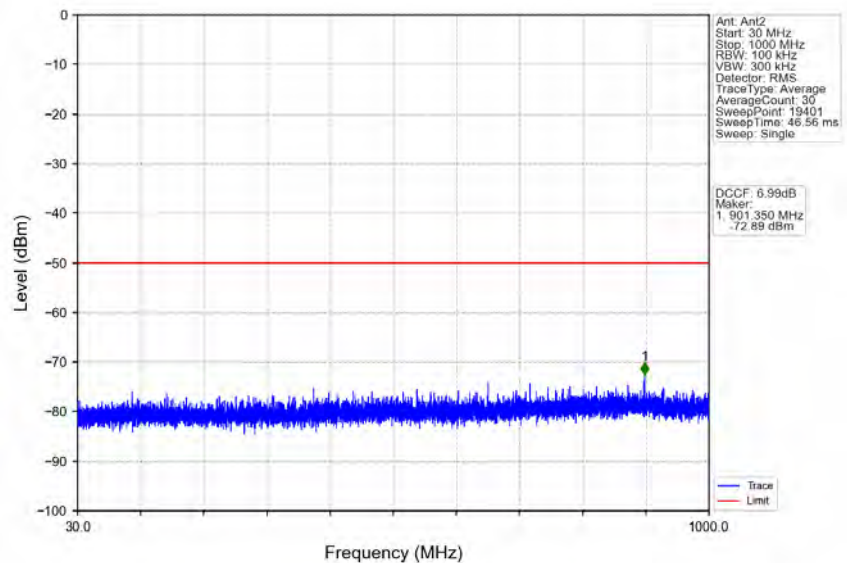
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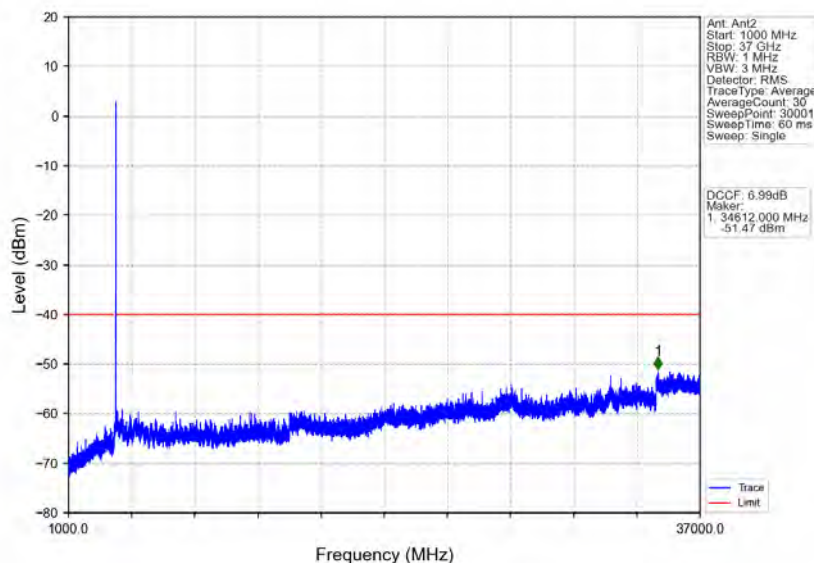
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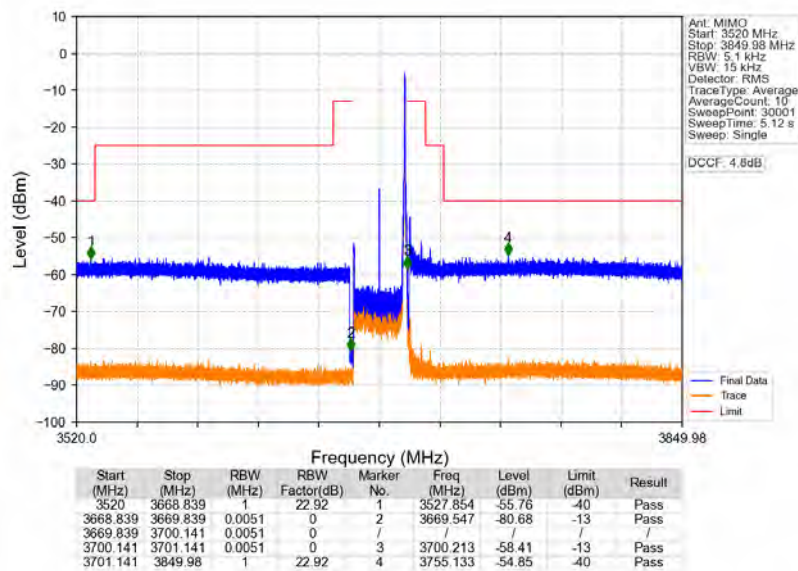
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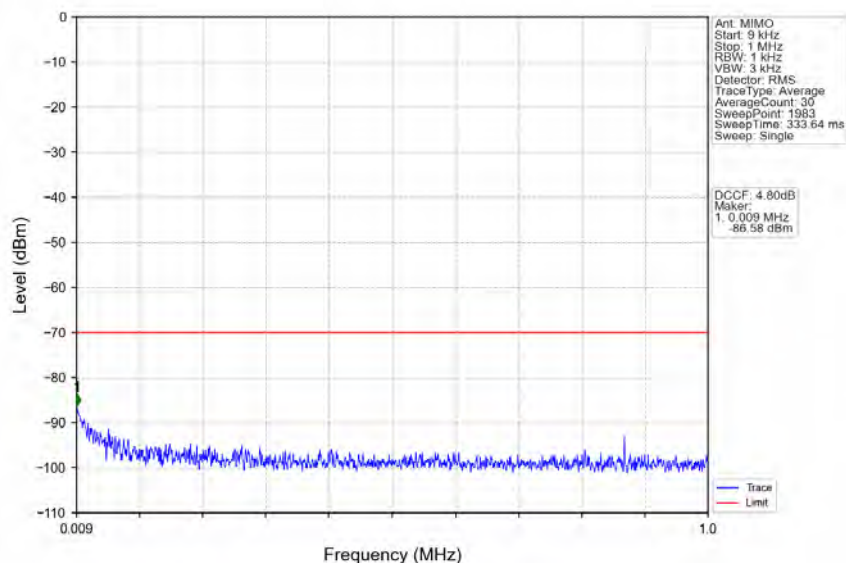
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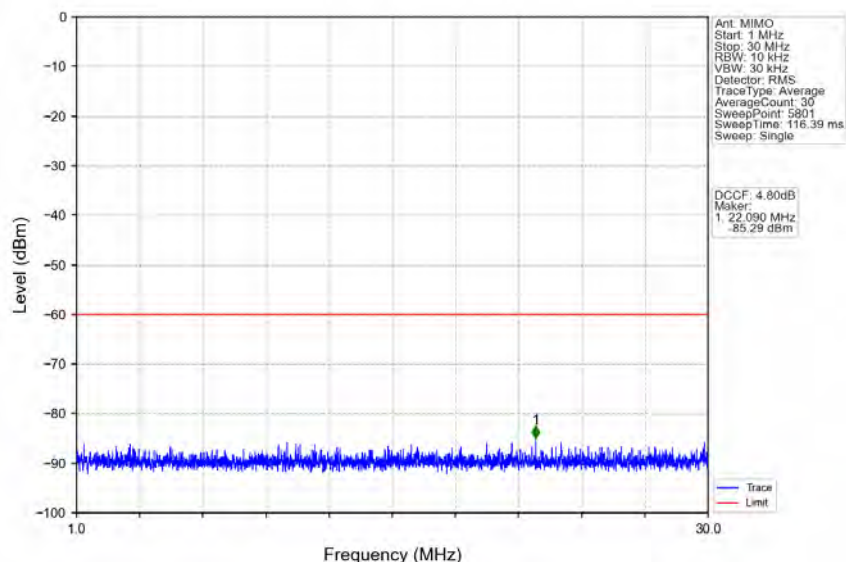
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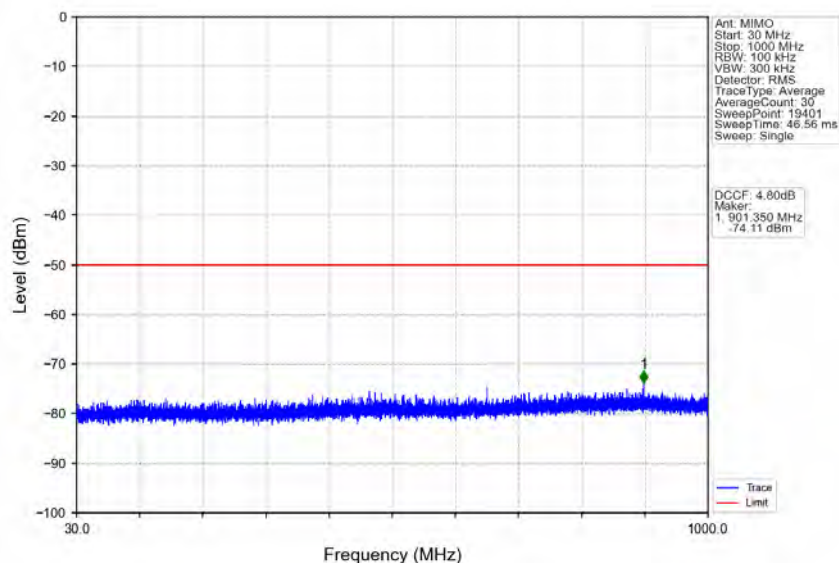
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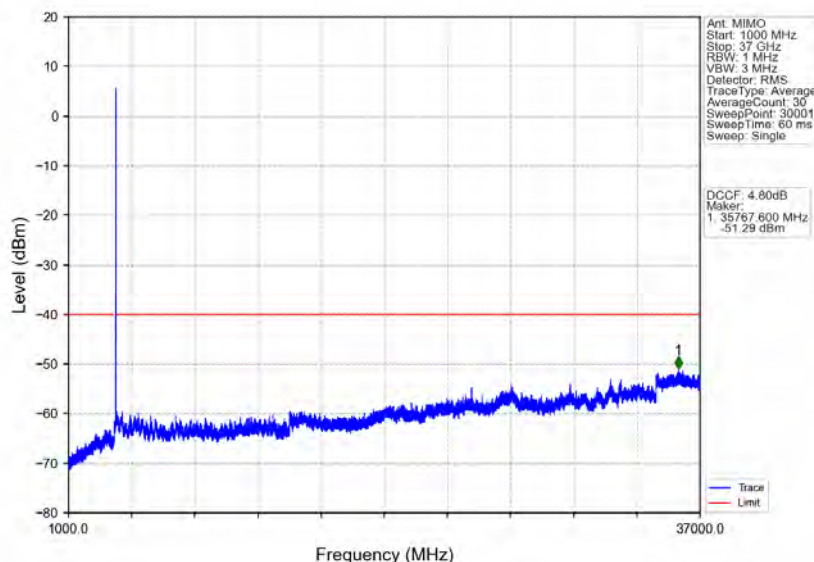
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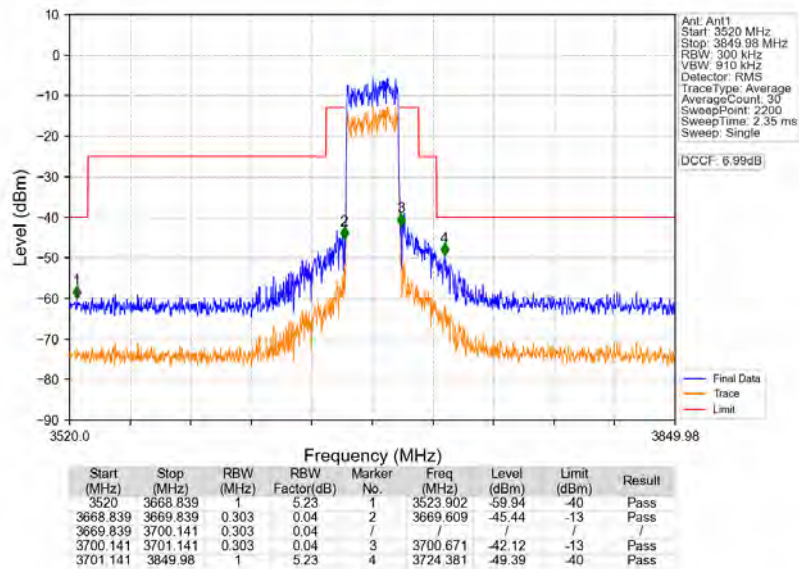
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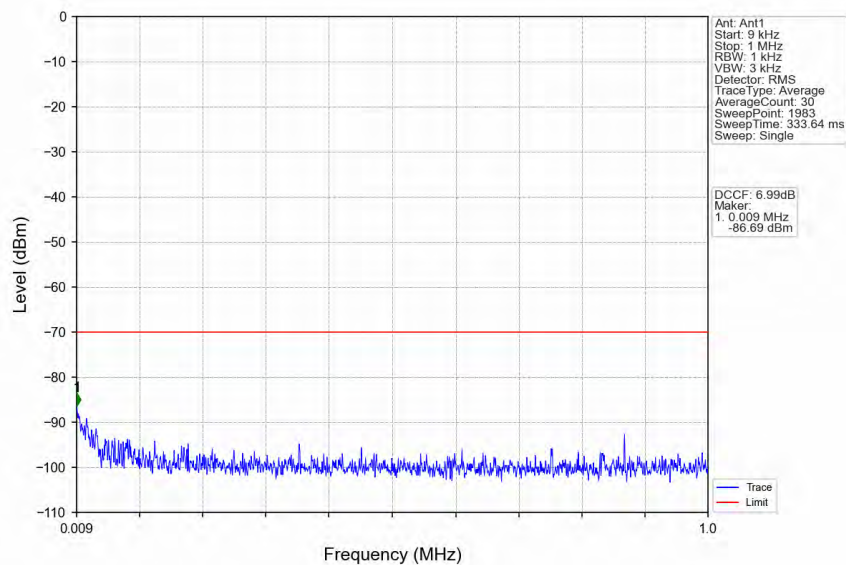
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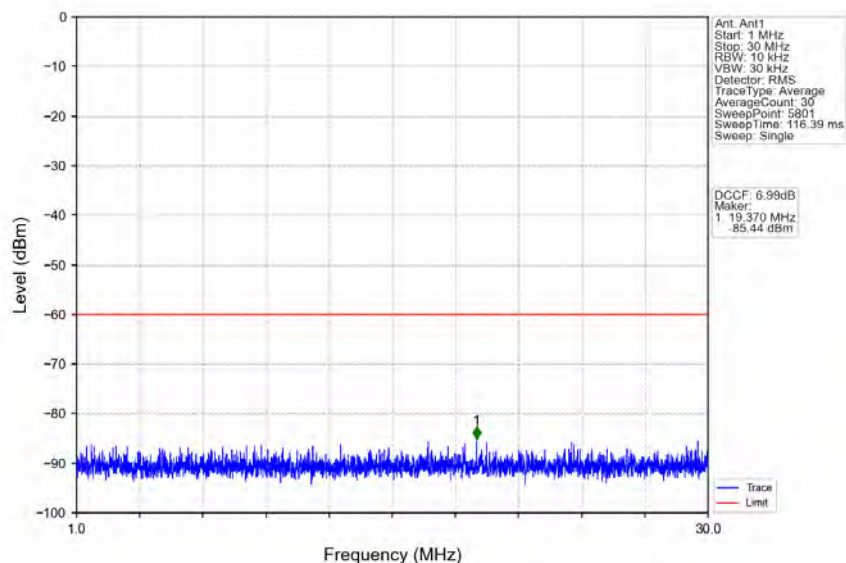
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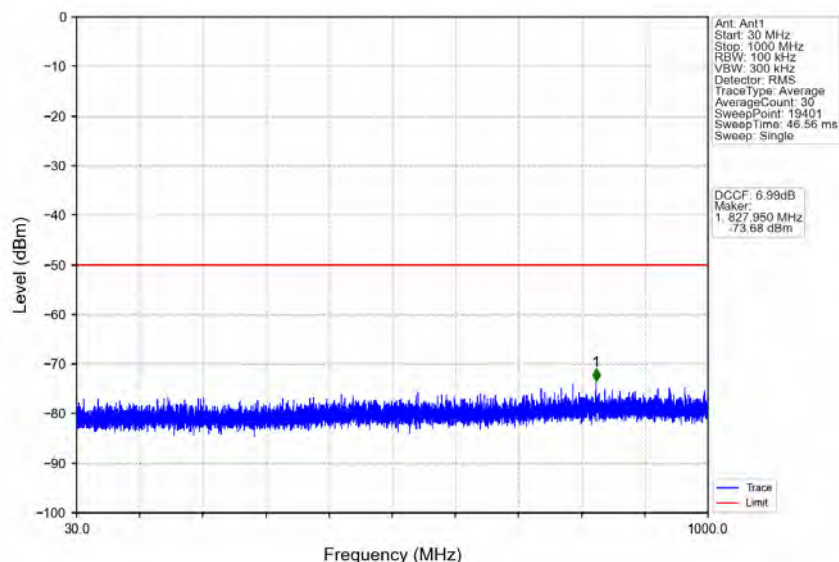
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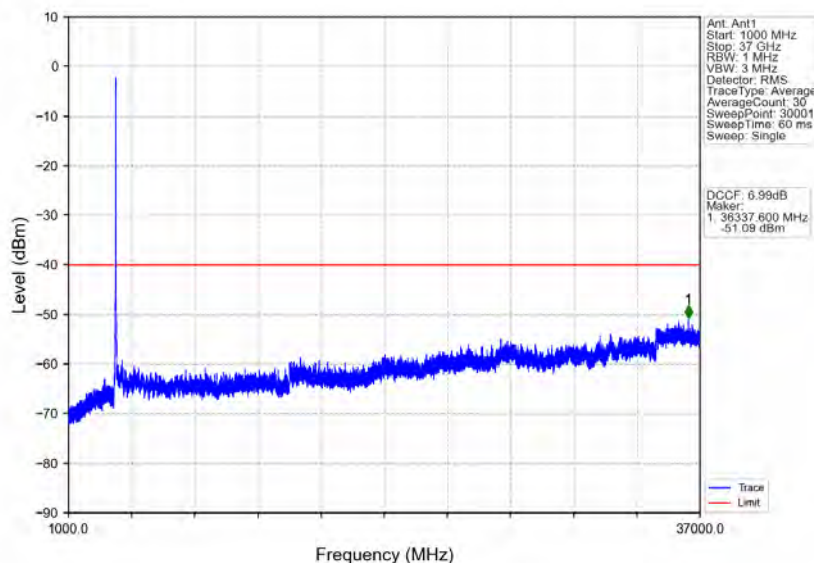
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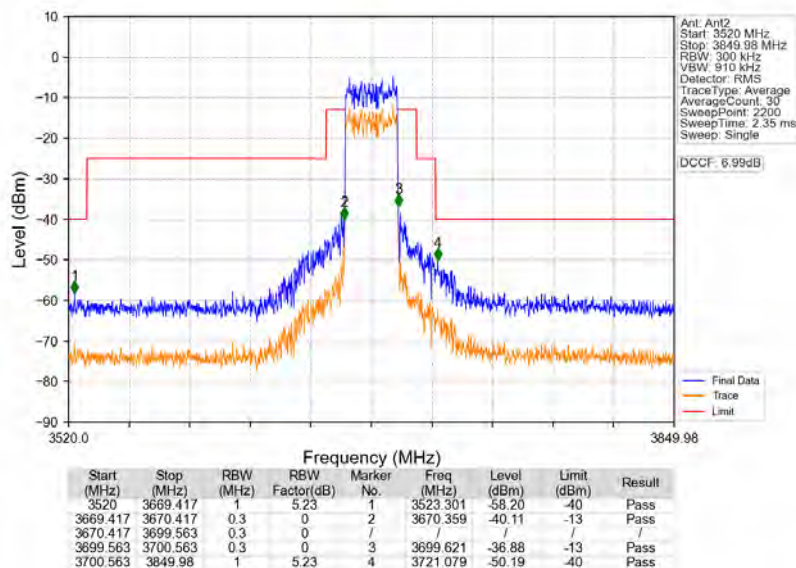
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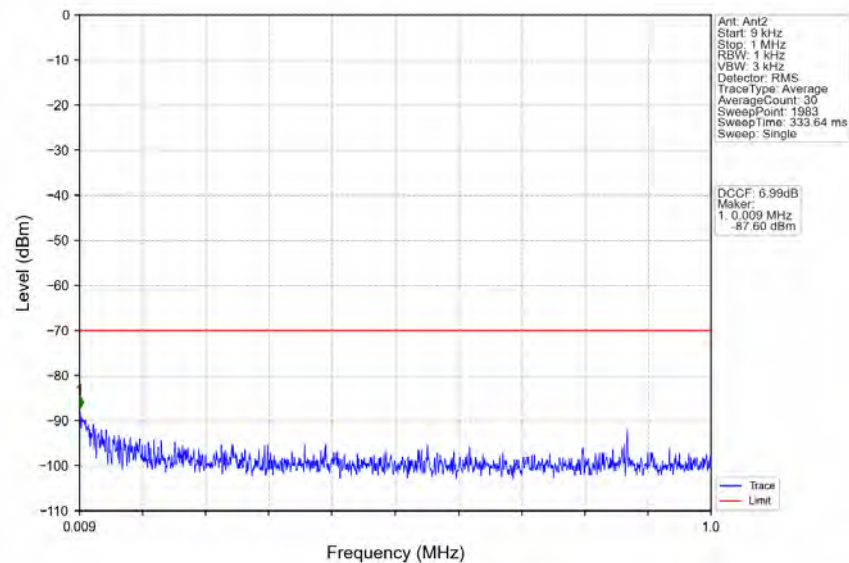
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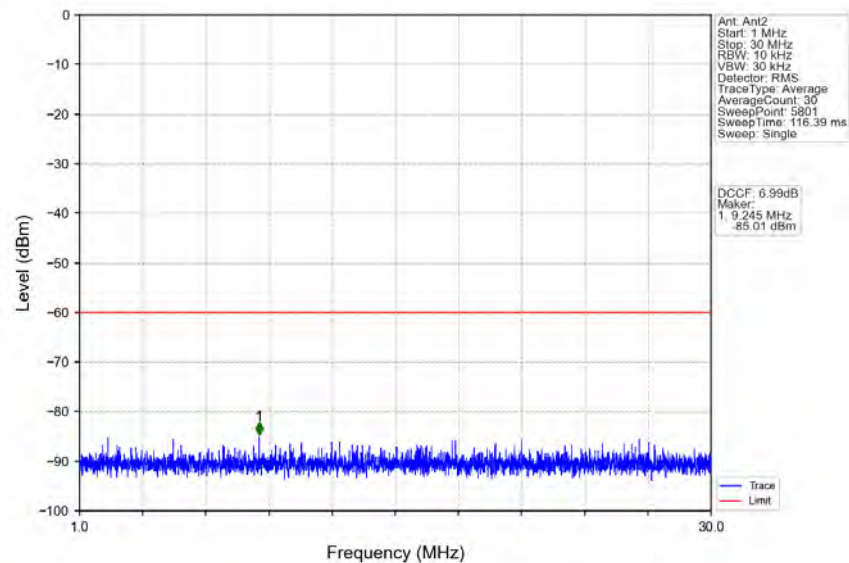
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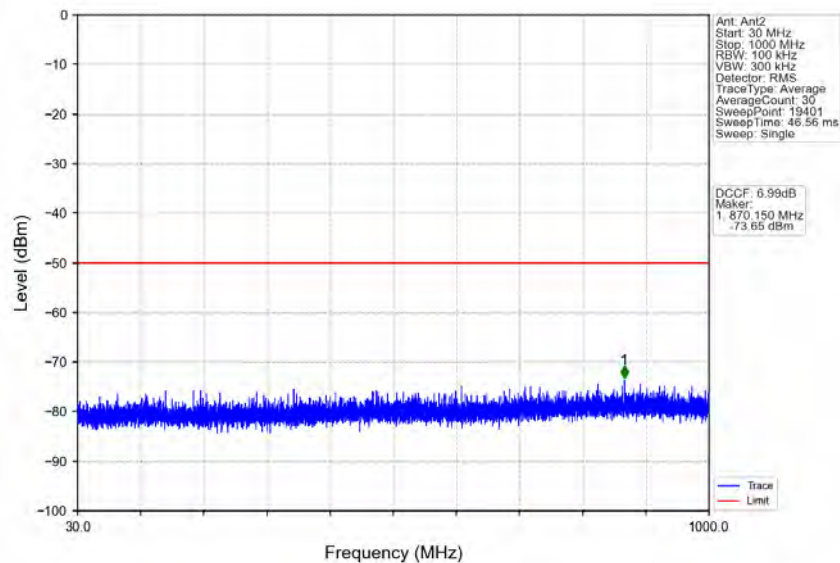
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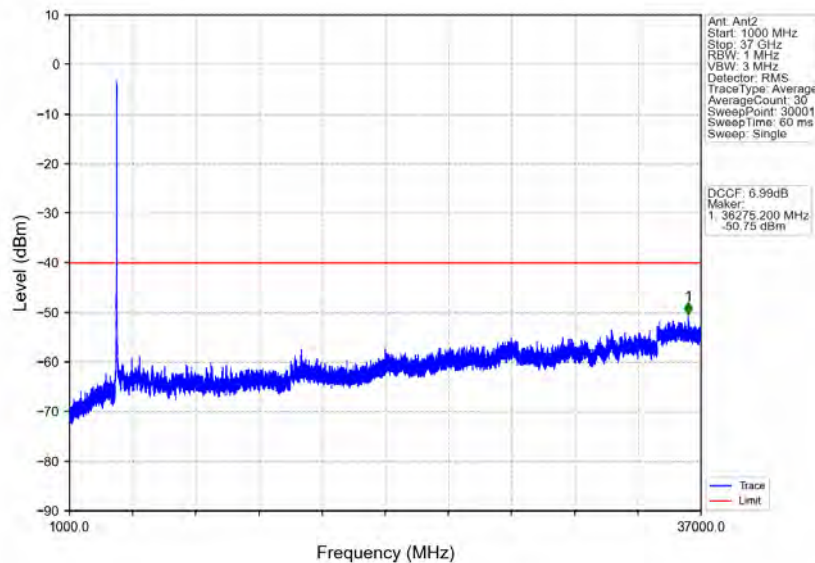
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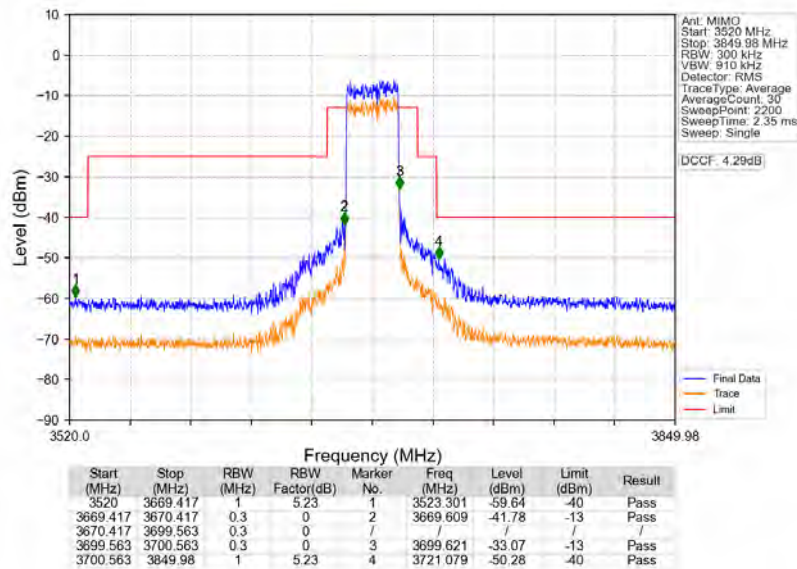
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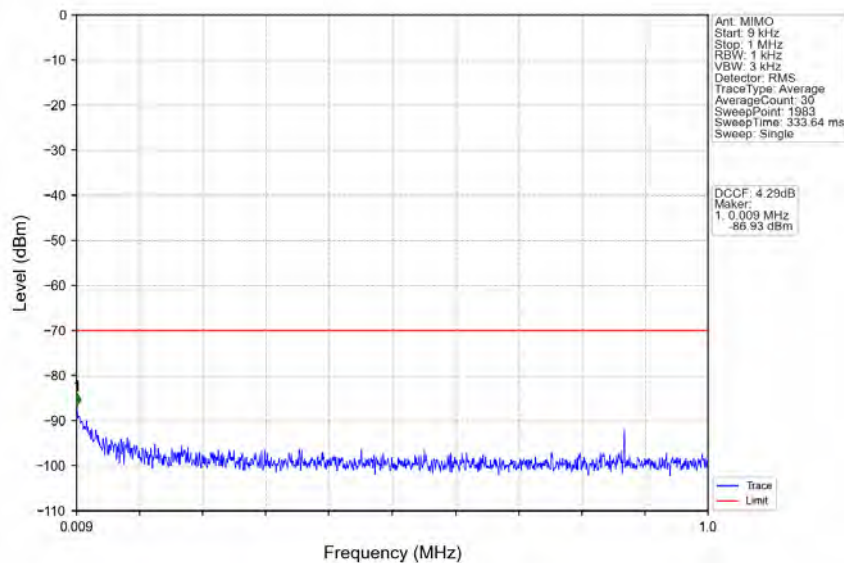
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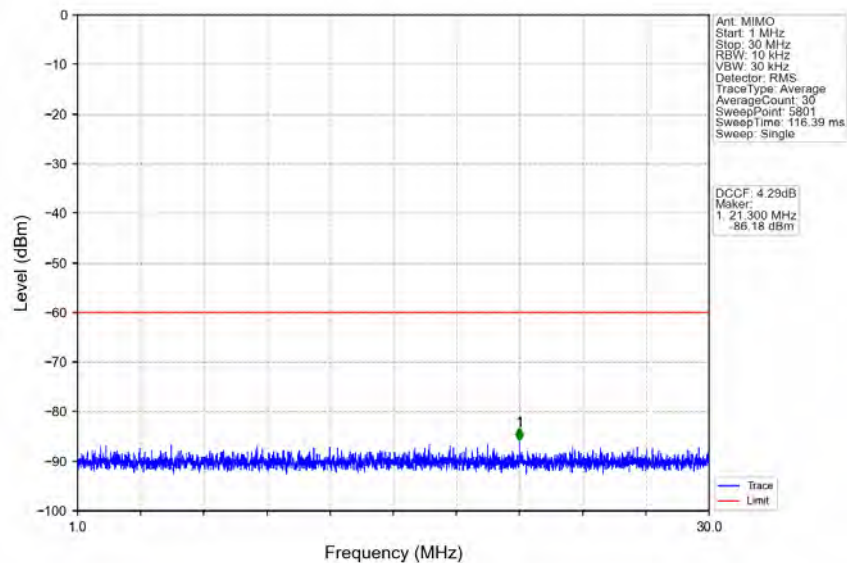
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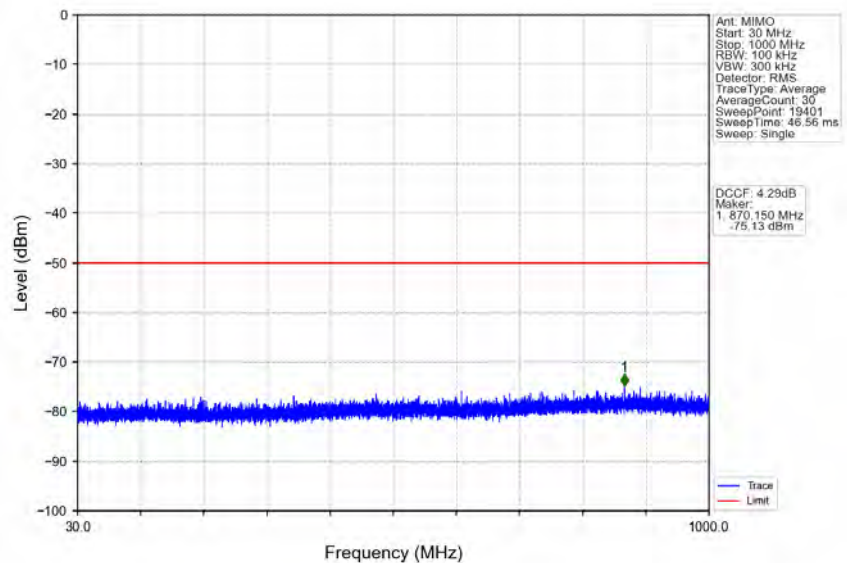
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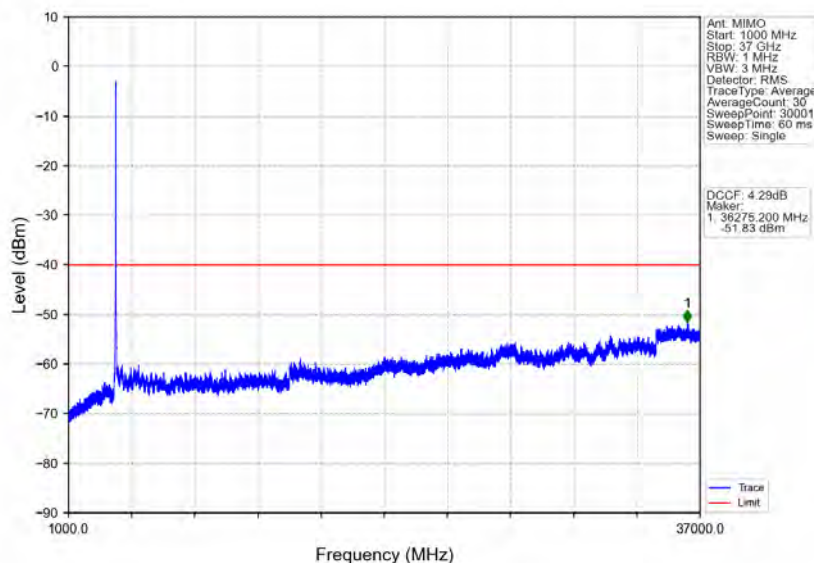
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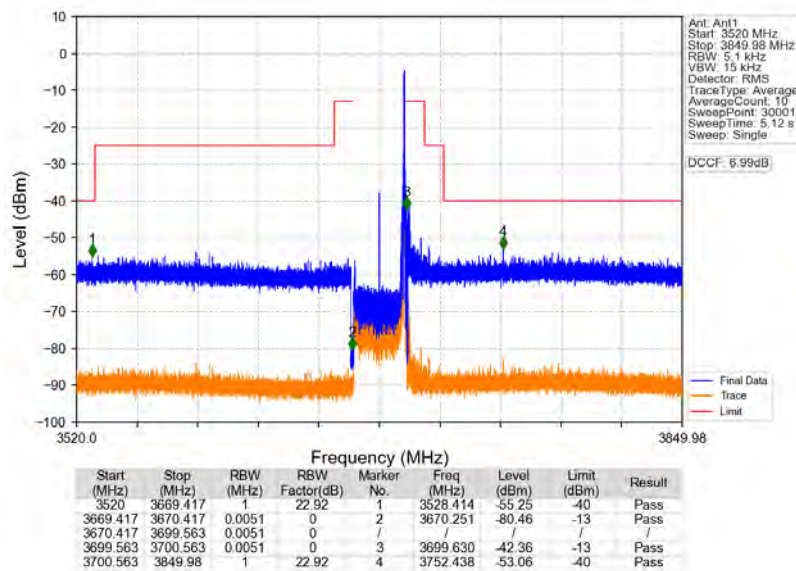
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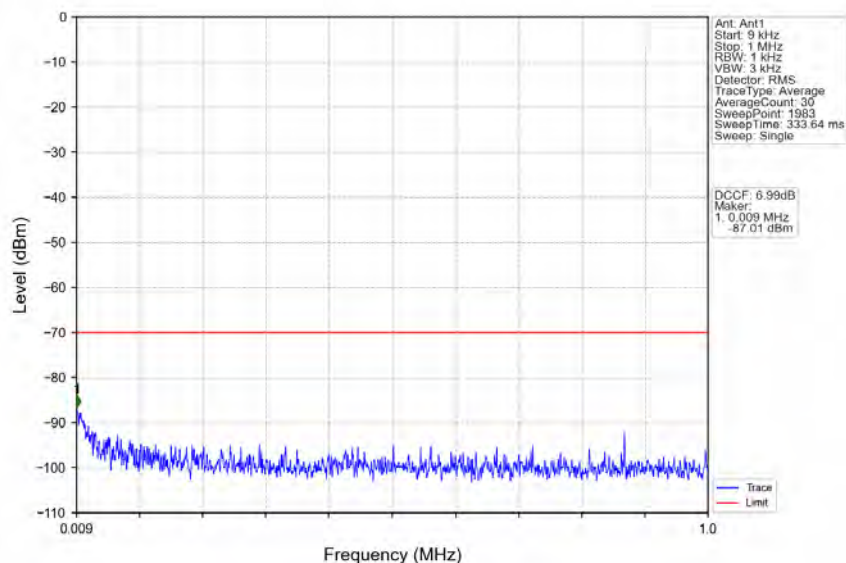
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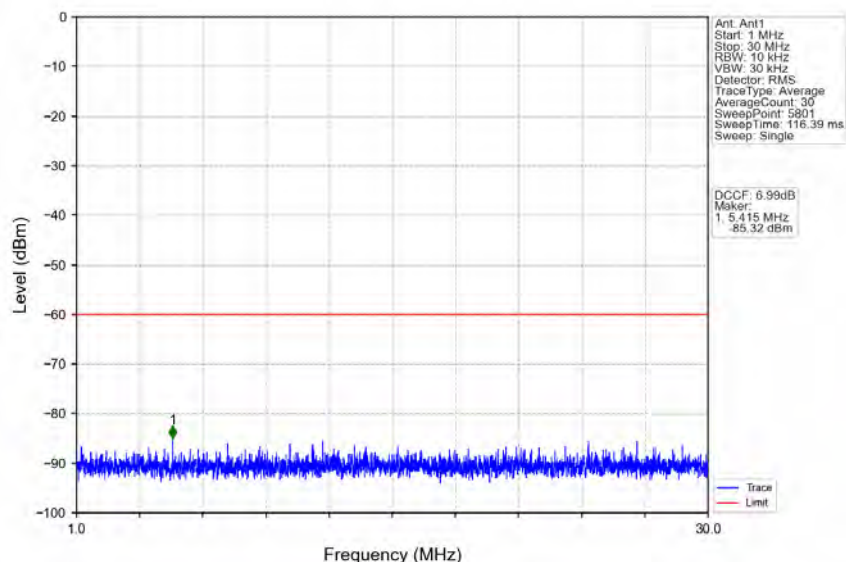
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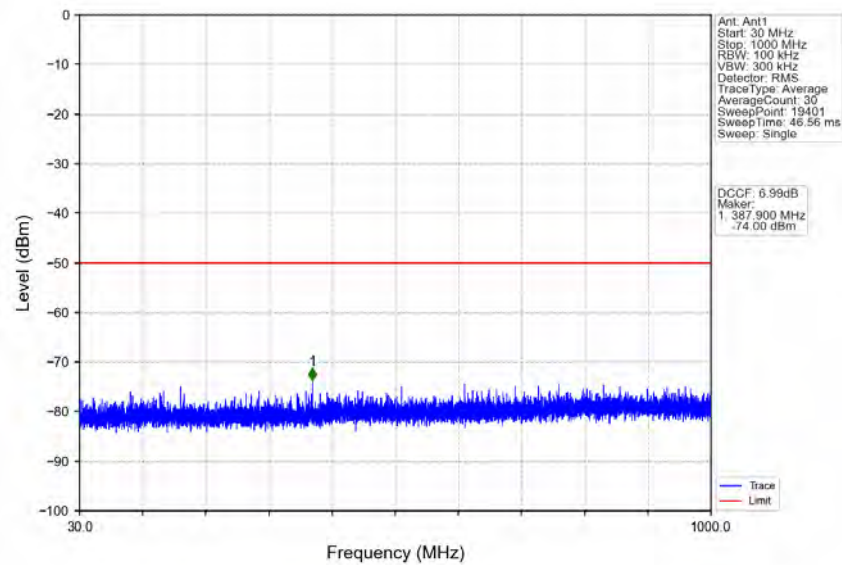
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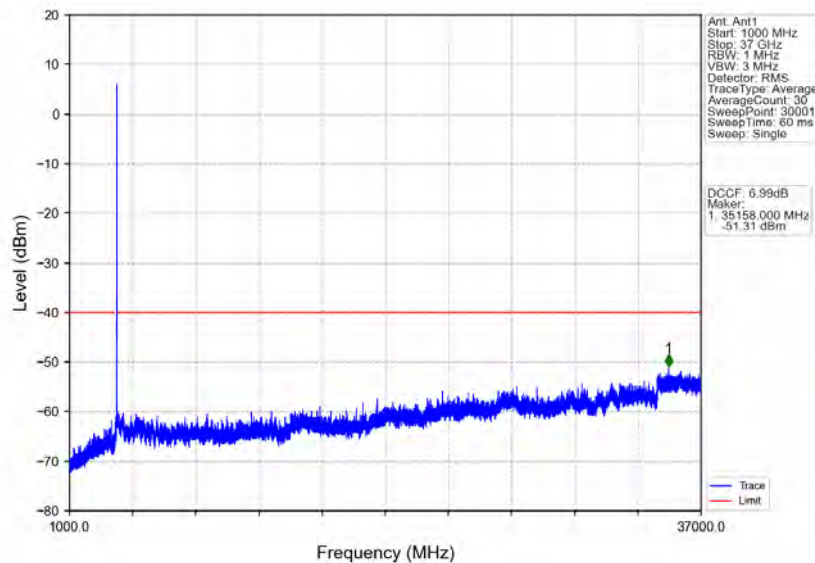
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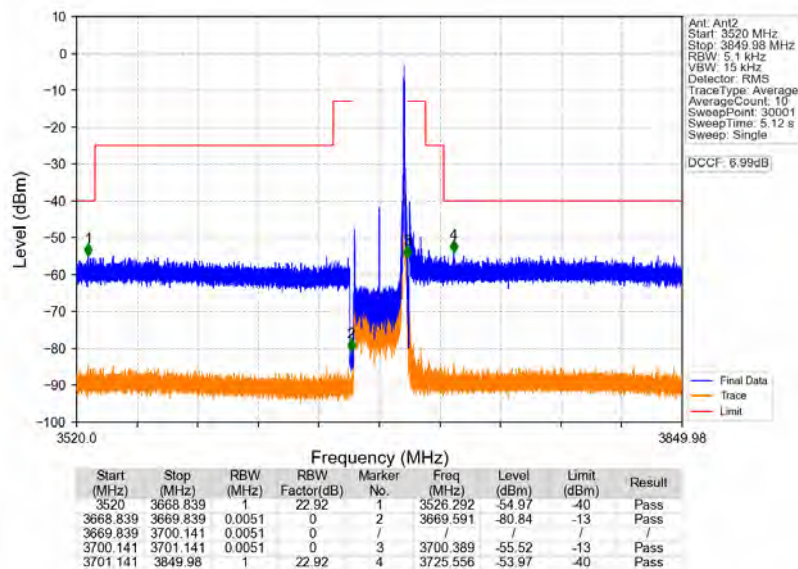
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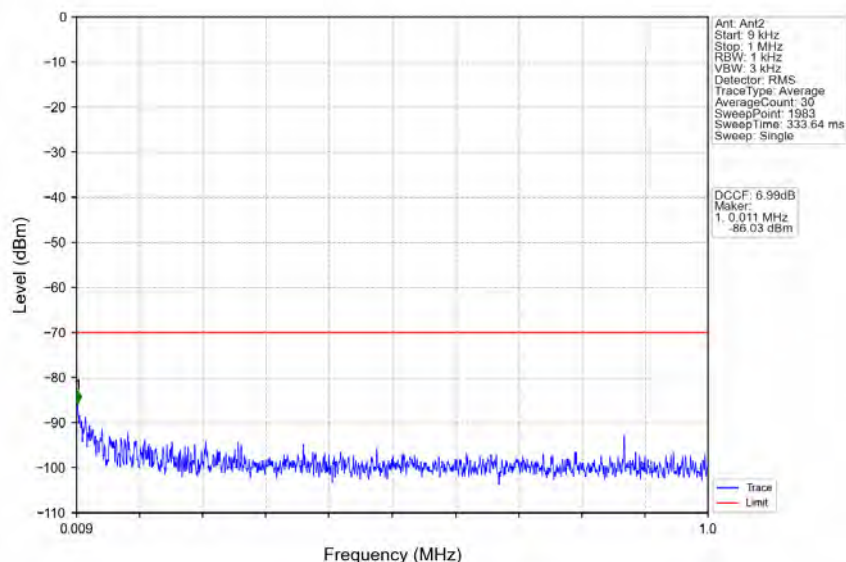
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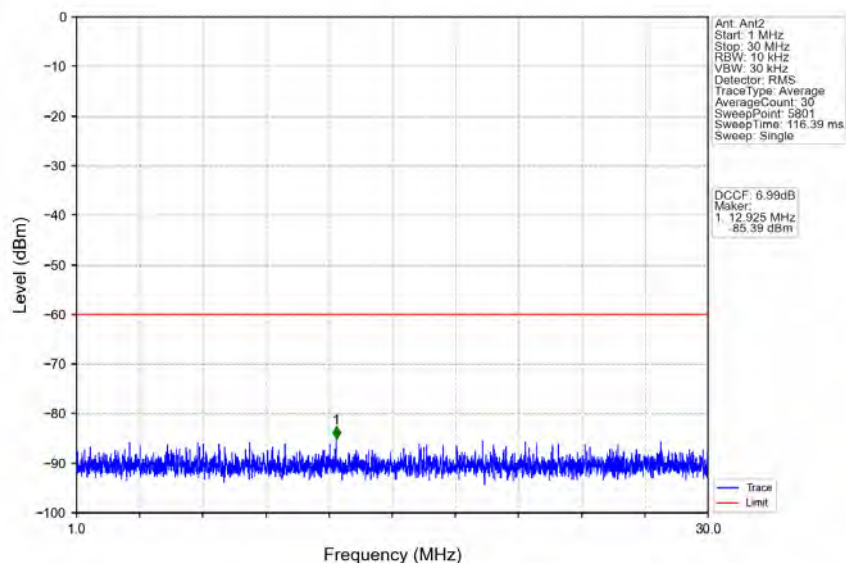
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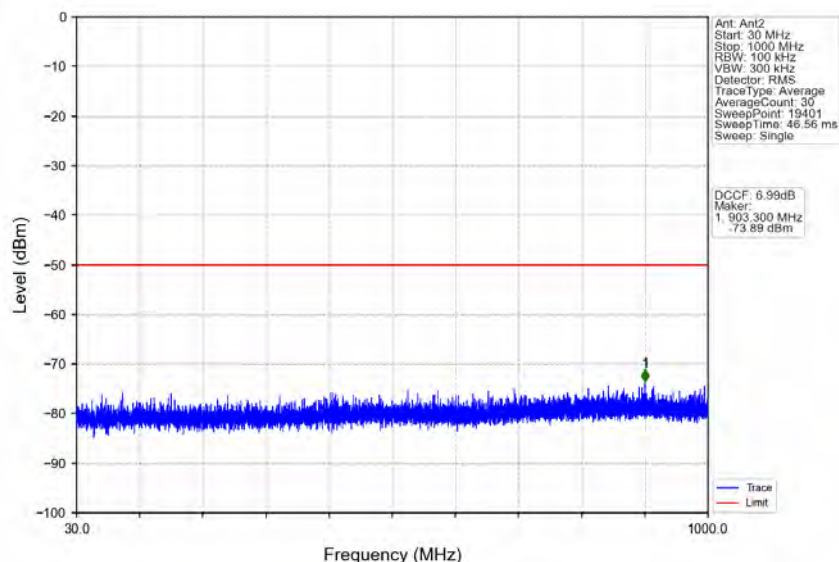
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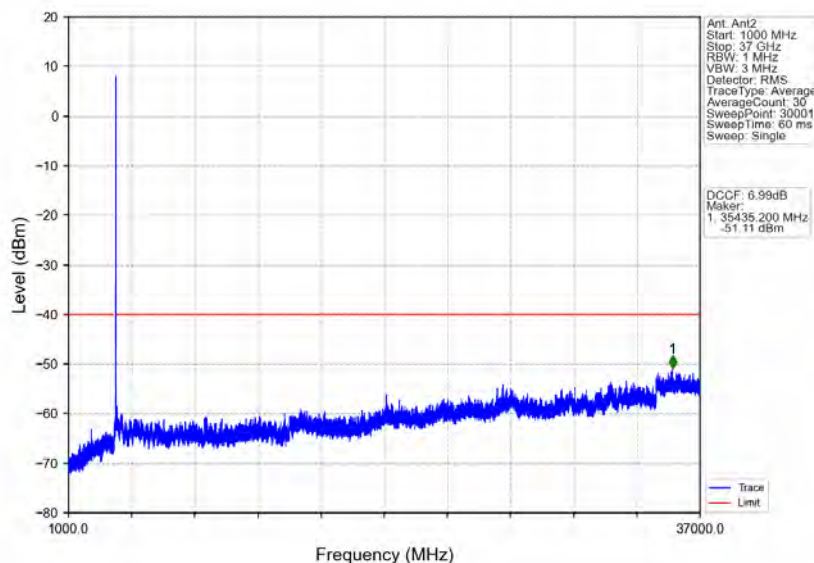
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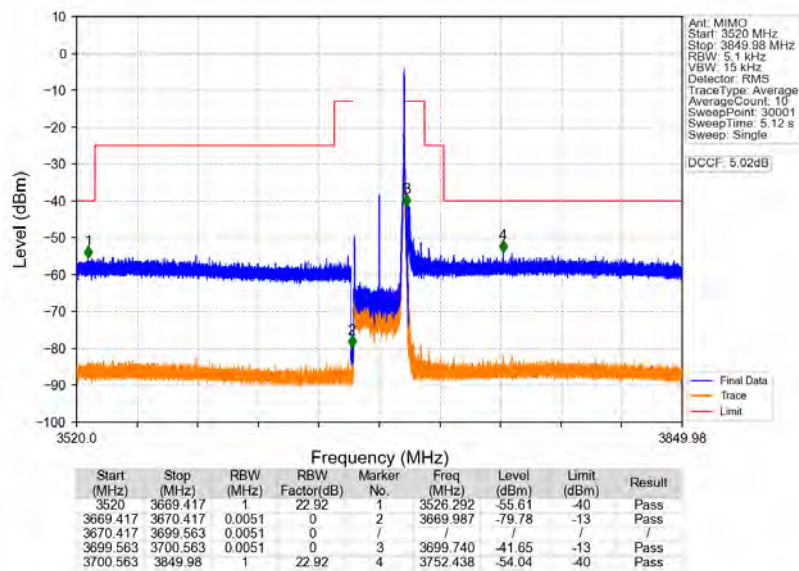
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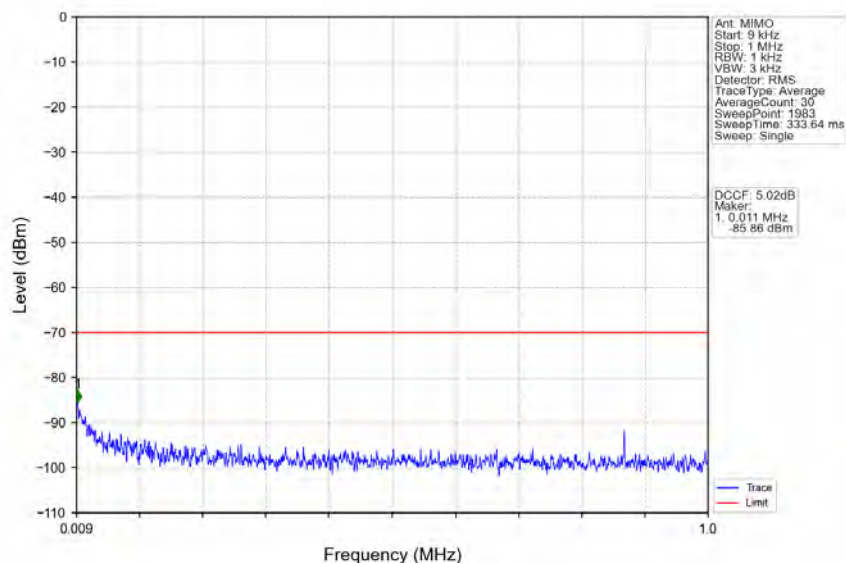
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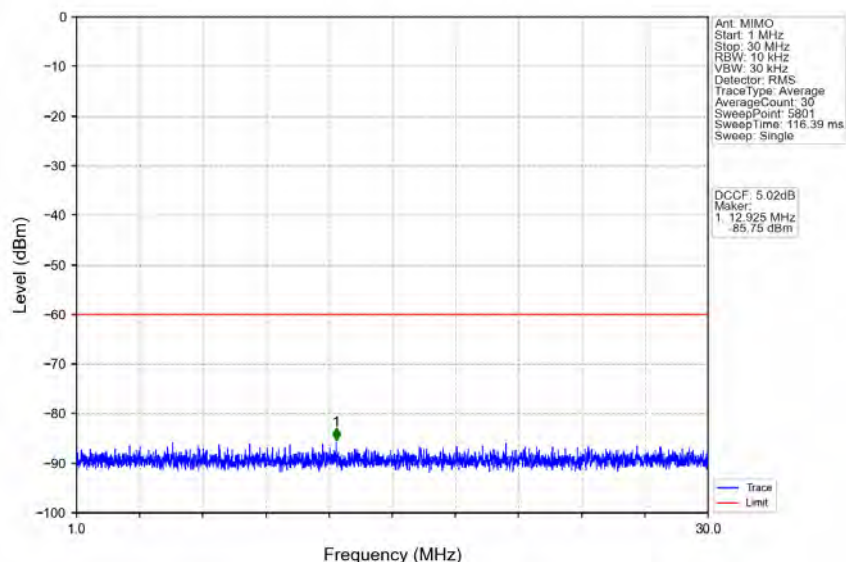
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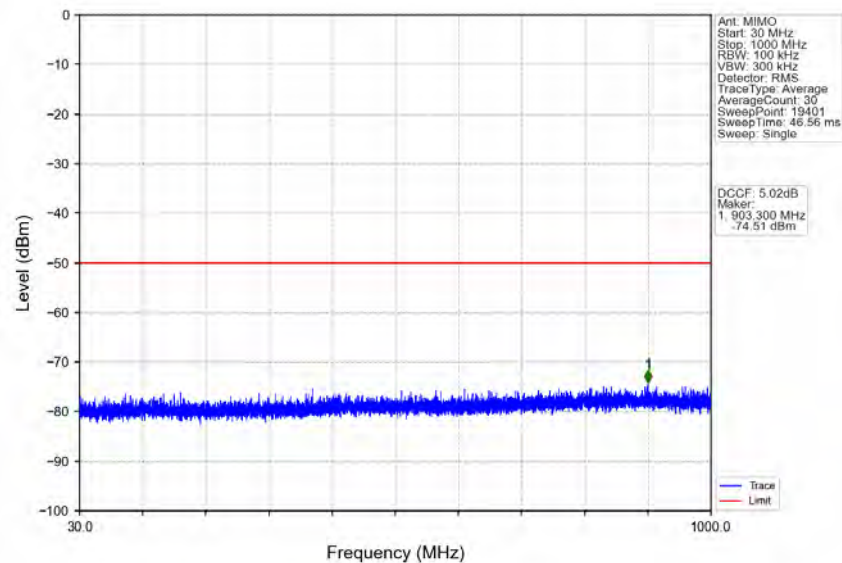
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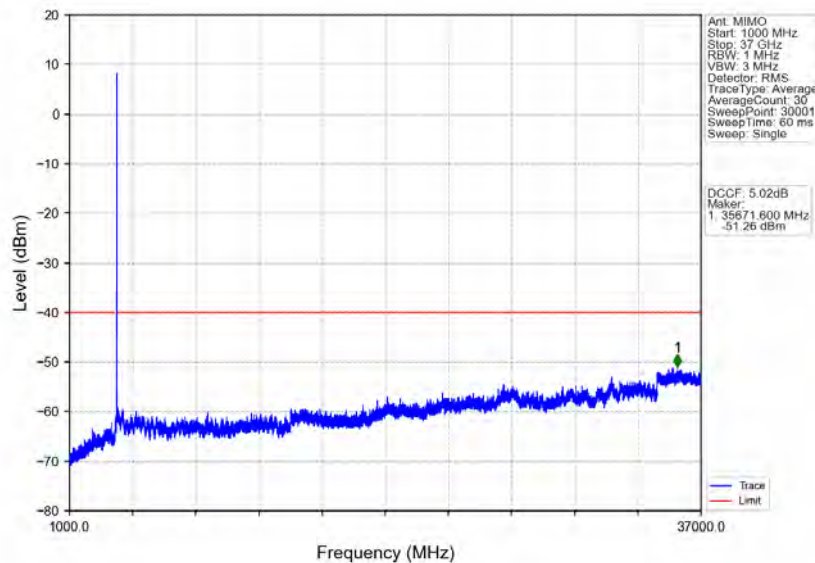
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6.5 30k_MIMO_40MHz_NTNV

6.5.1 Test Result

5G NR n78d SCS=30kHz MIMO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3570	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
	3679.98	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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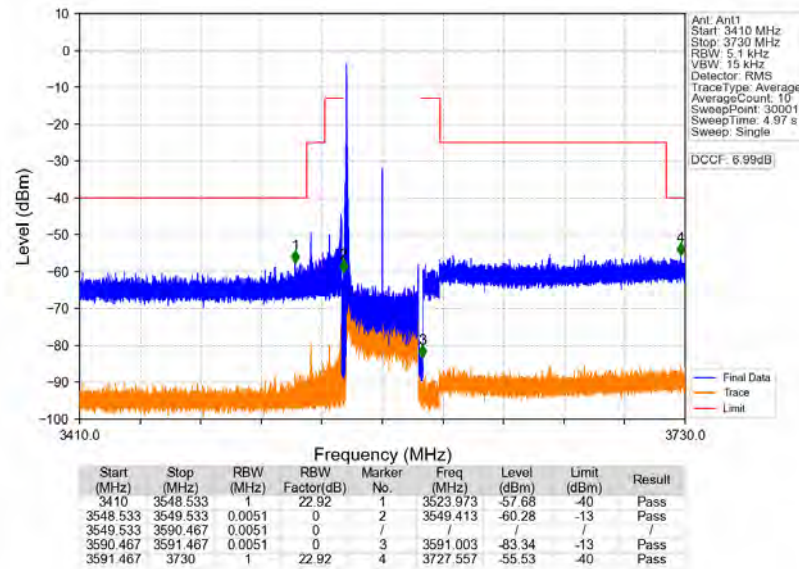
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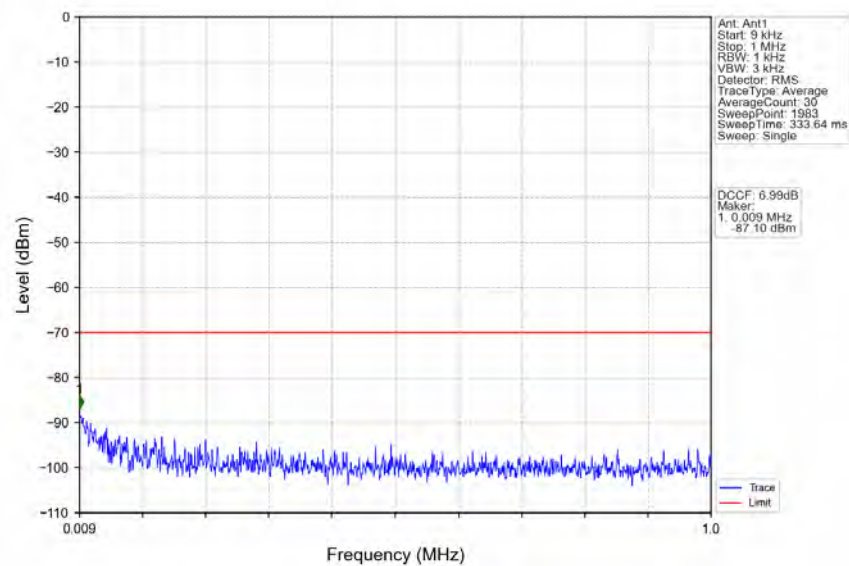
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6.5.2 Test Graph

n78d 30kHz MIMO NTV 40MHz CP-OFDM QPSK 3570MHz Edge_1RB Left



n78d 30kHz MIMO NTV 40MHz CP-OFDM QPSK 3570MHz Edge_1RB Left



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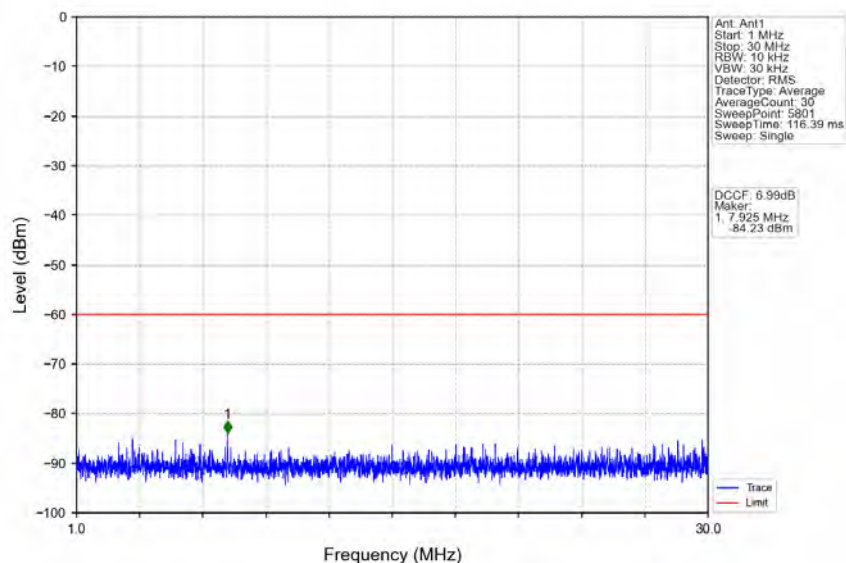
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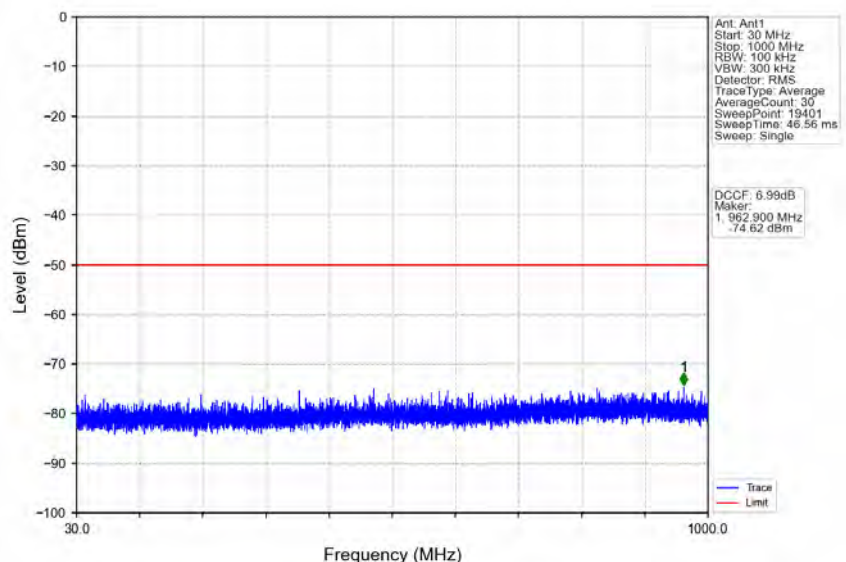
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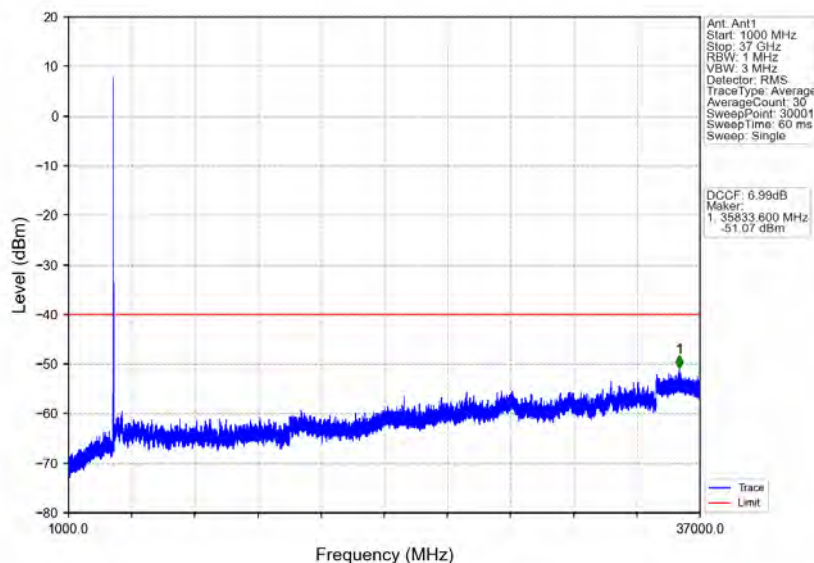
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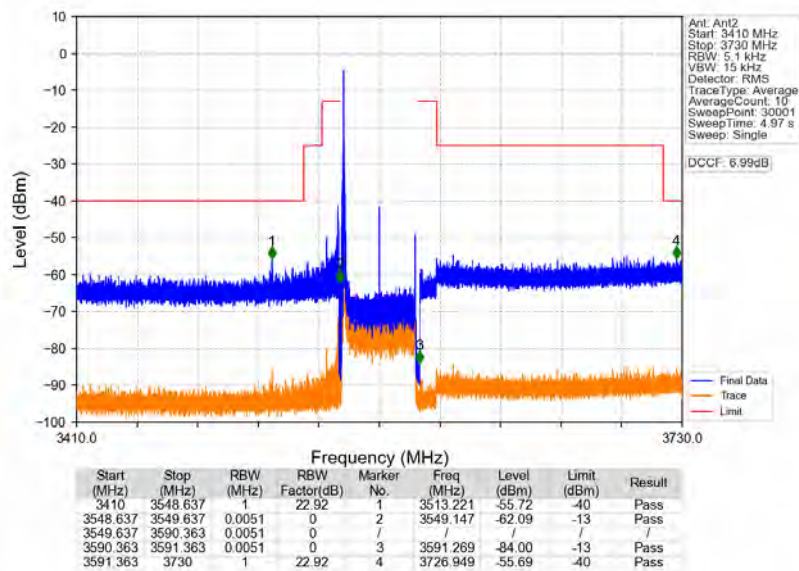
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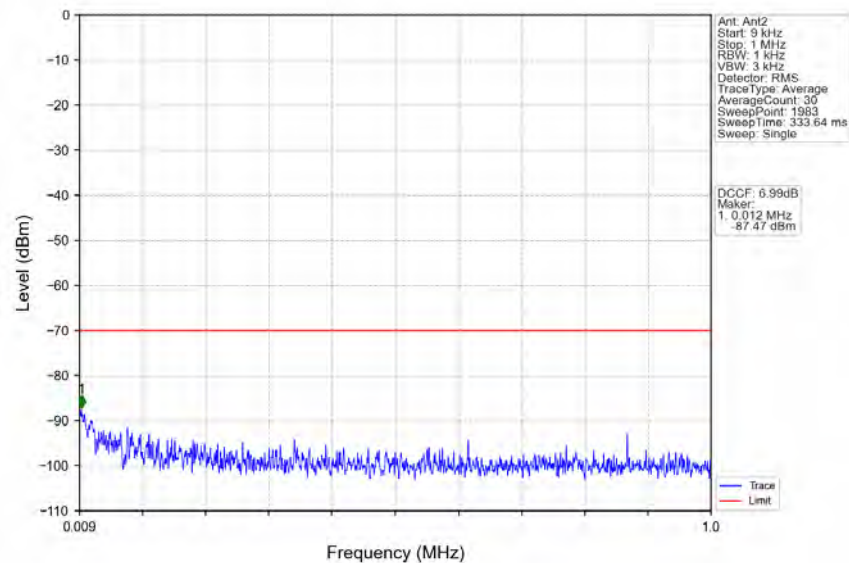
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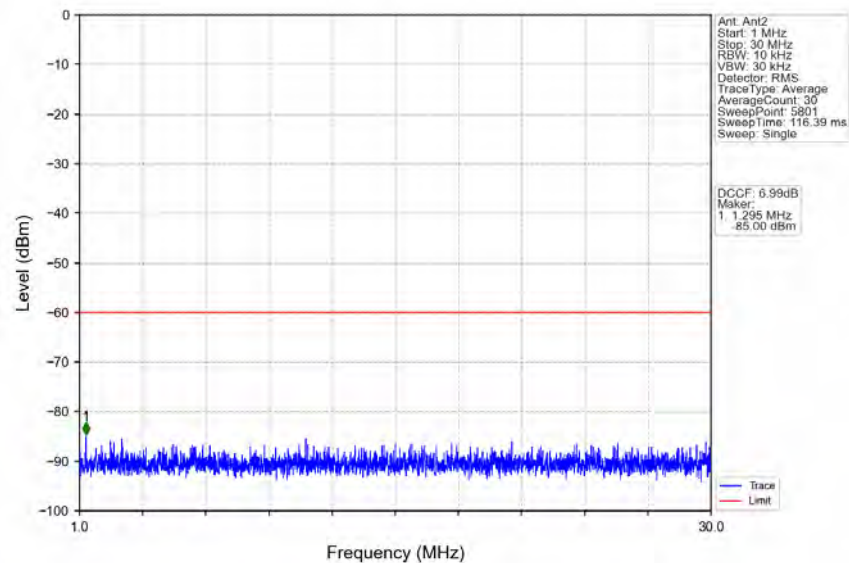
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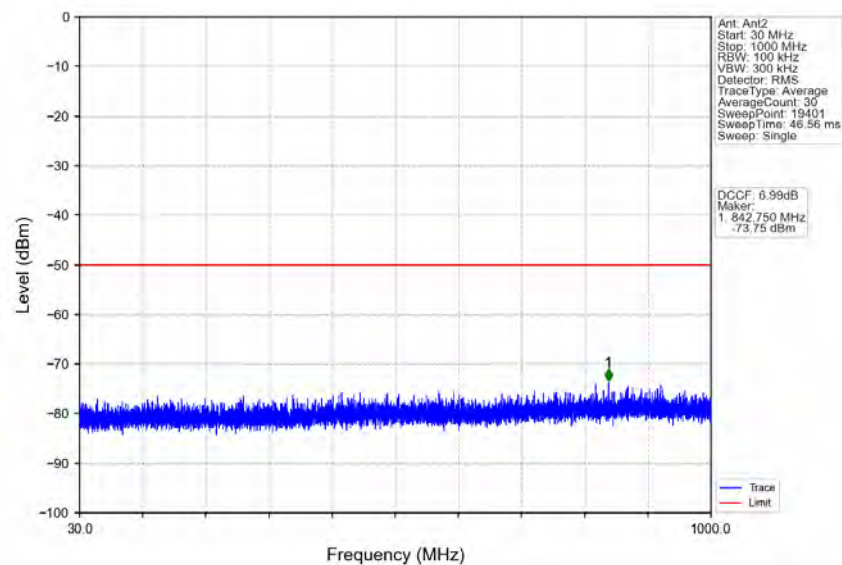
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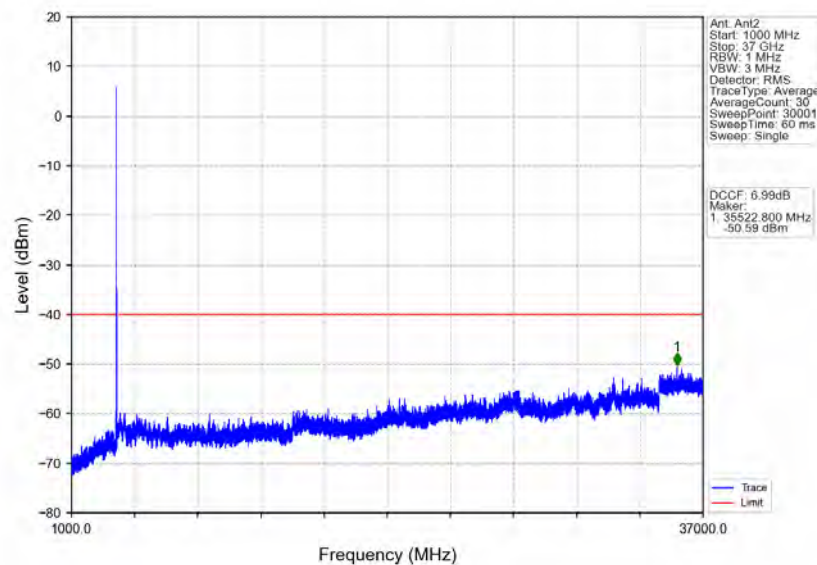
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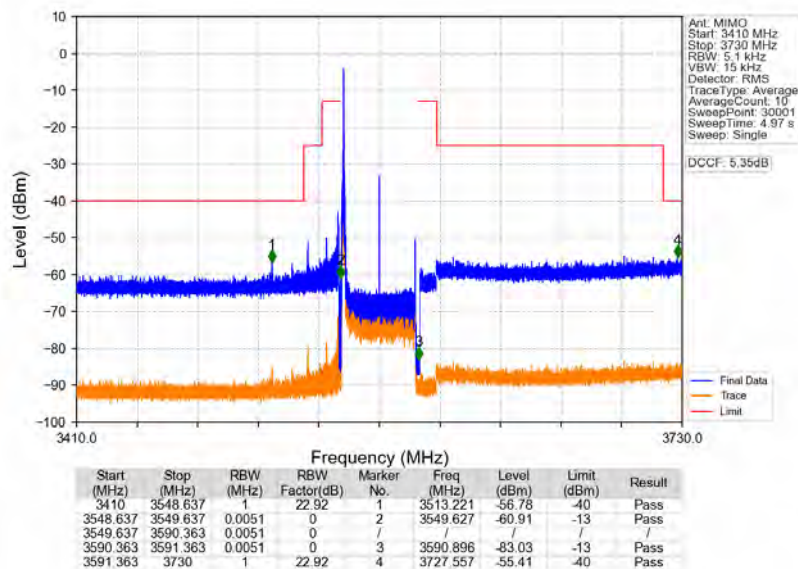
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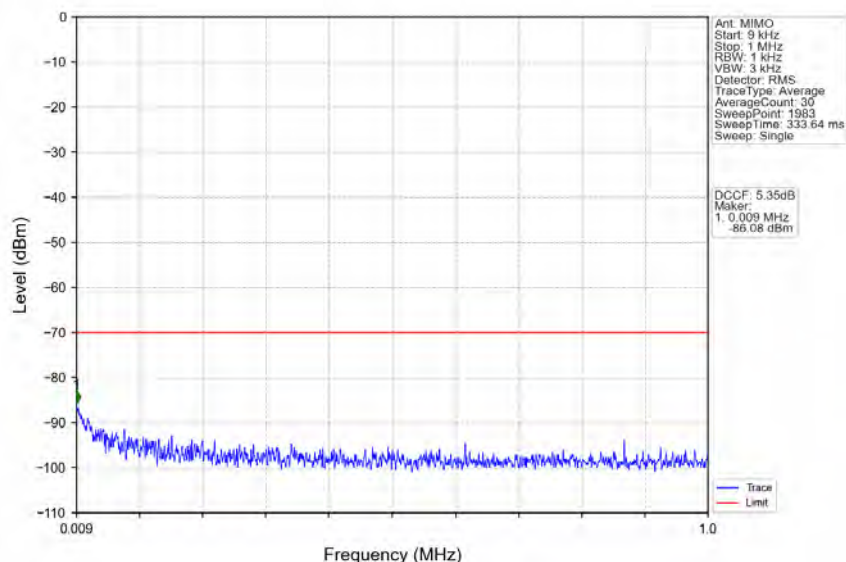
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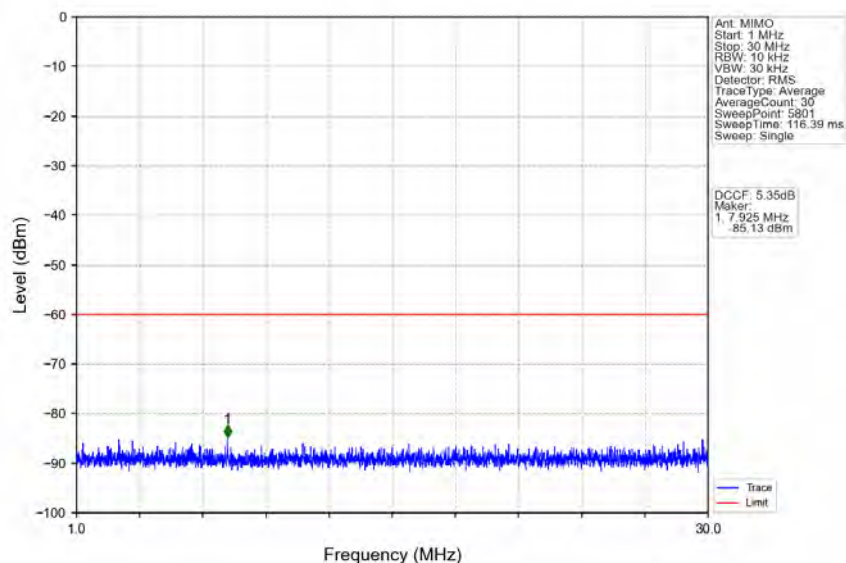
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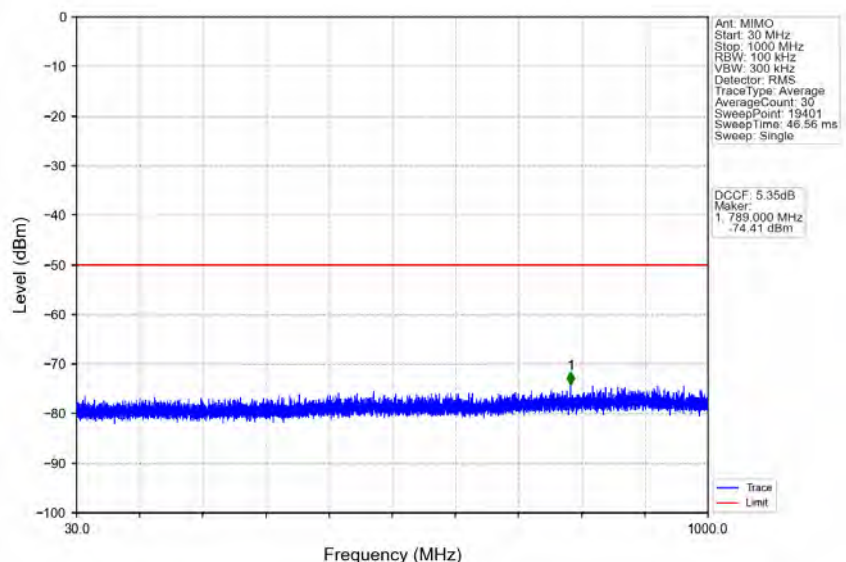
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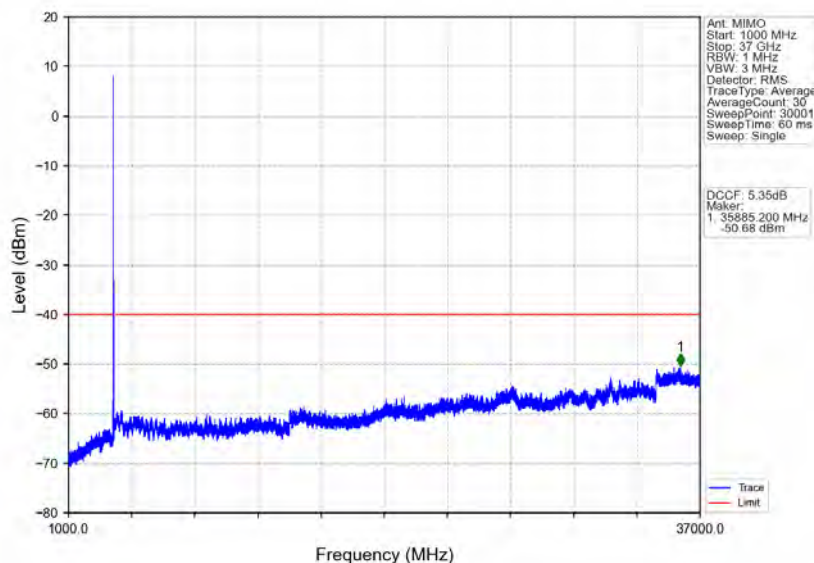
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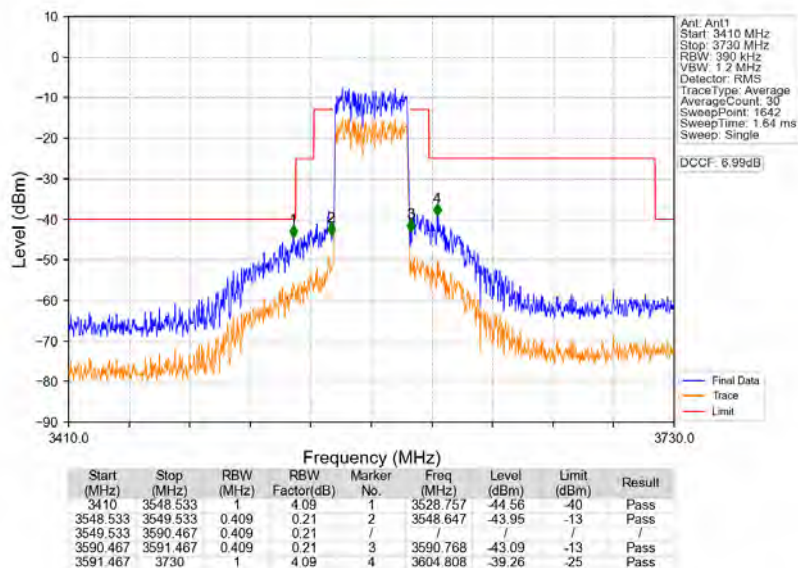
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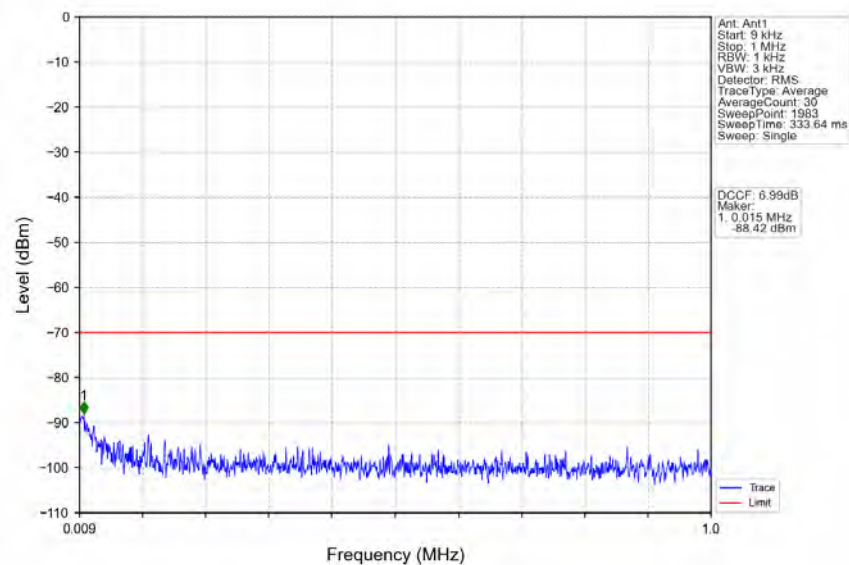
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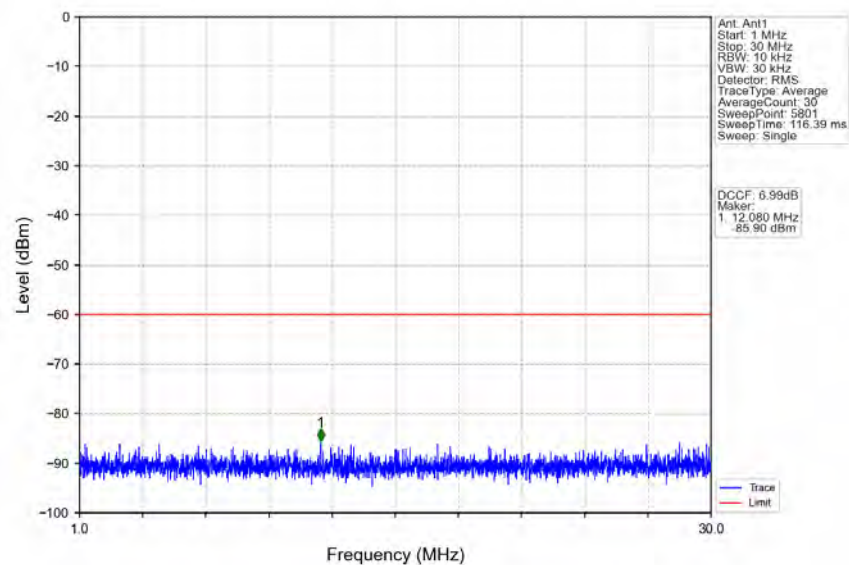
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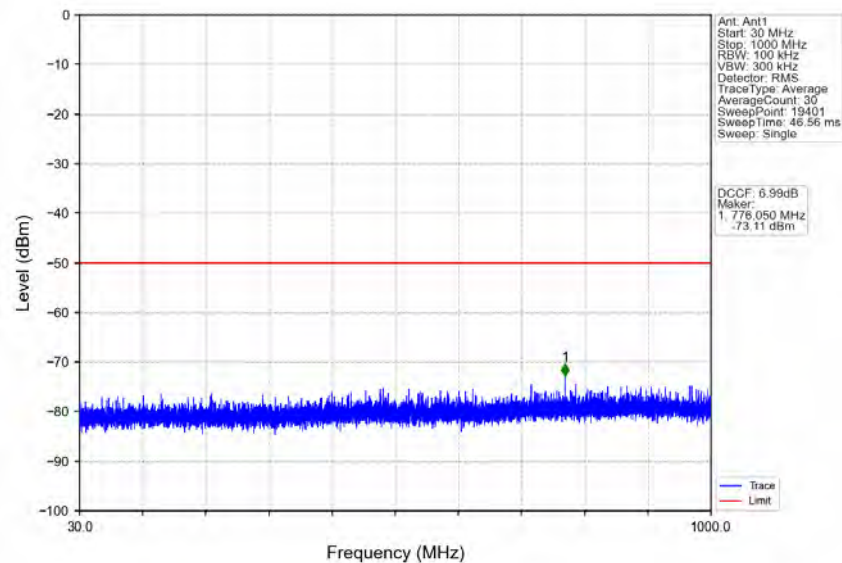
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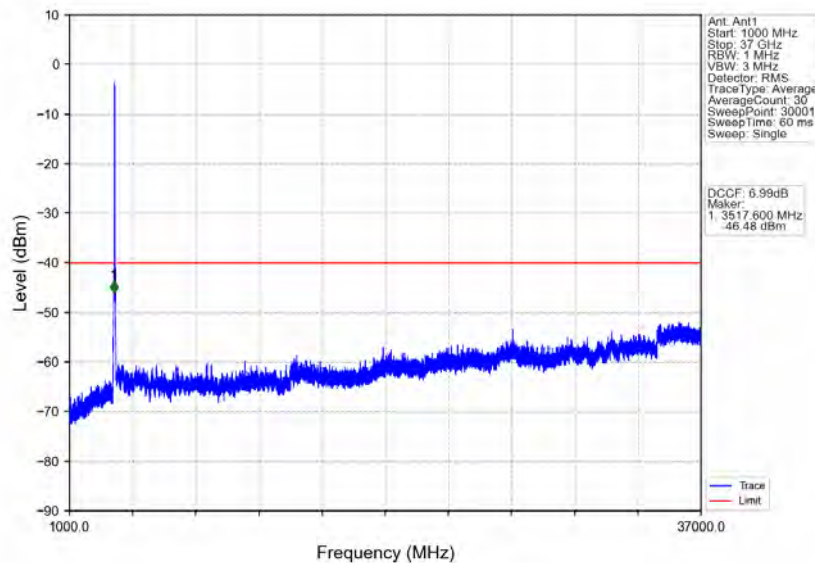
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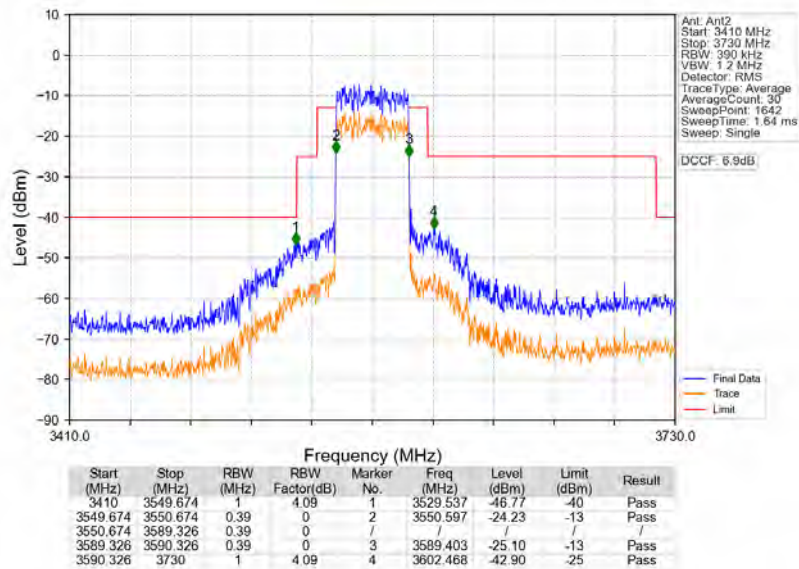
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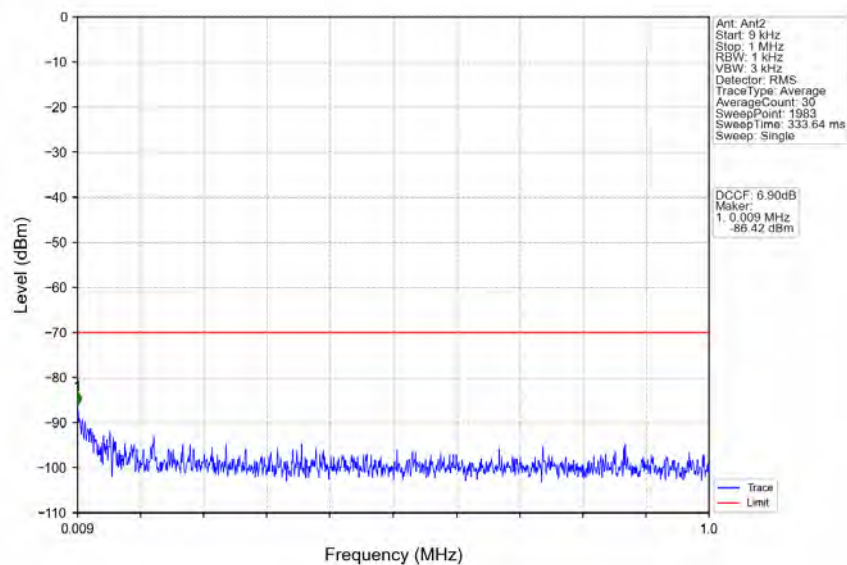
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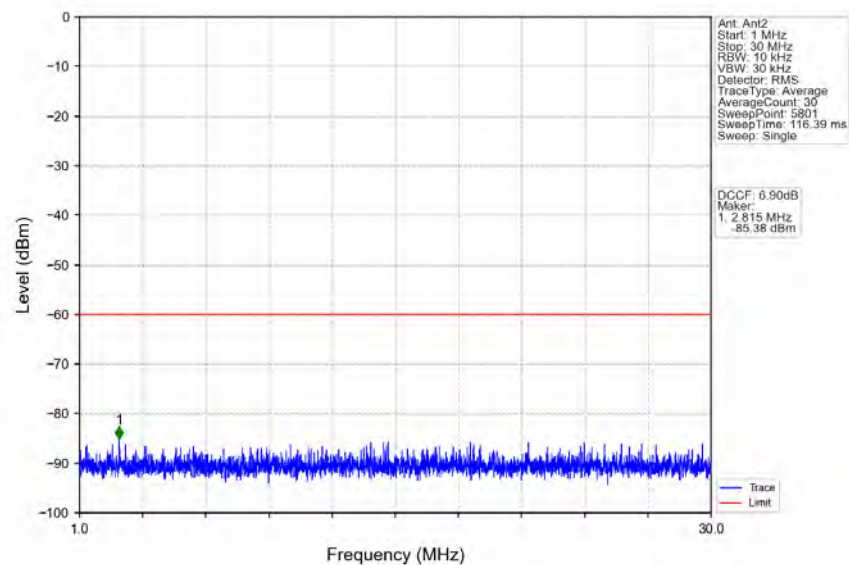
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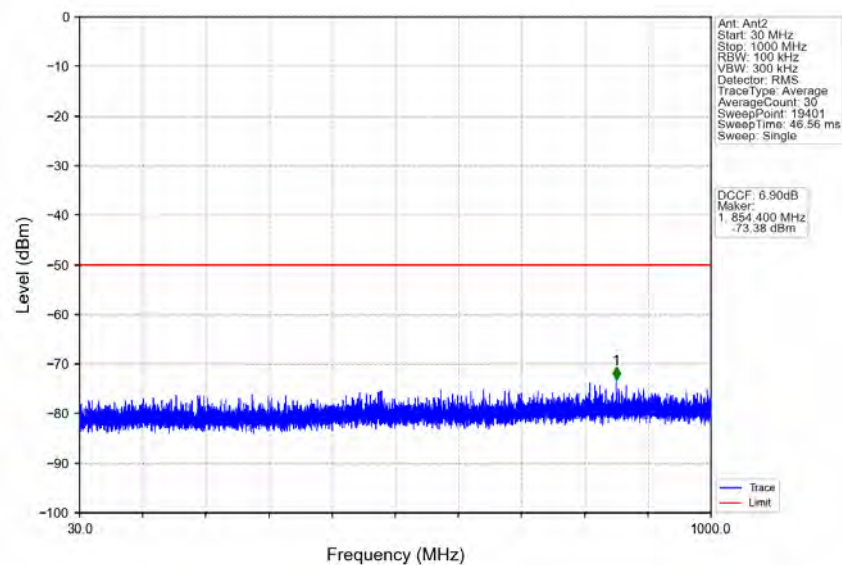
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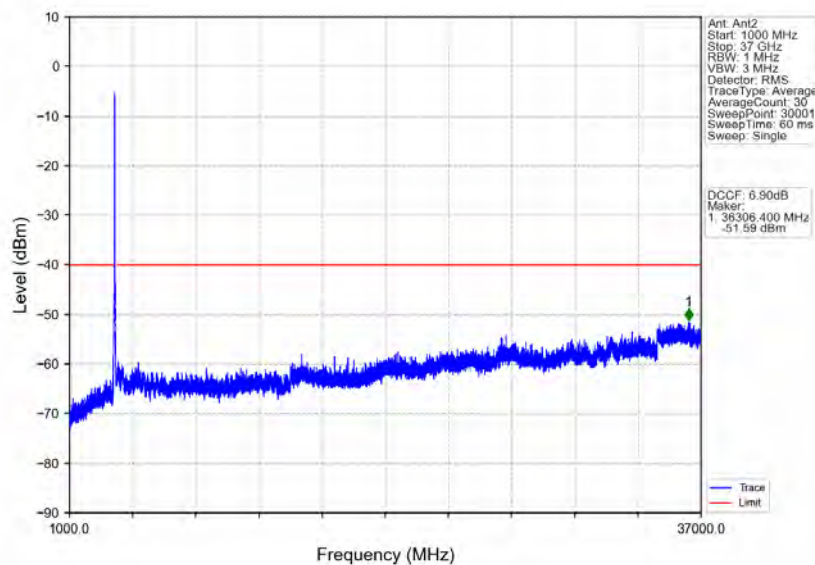
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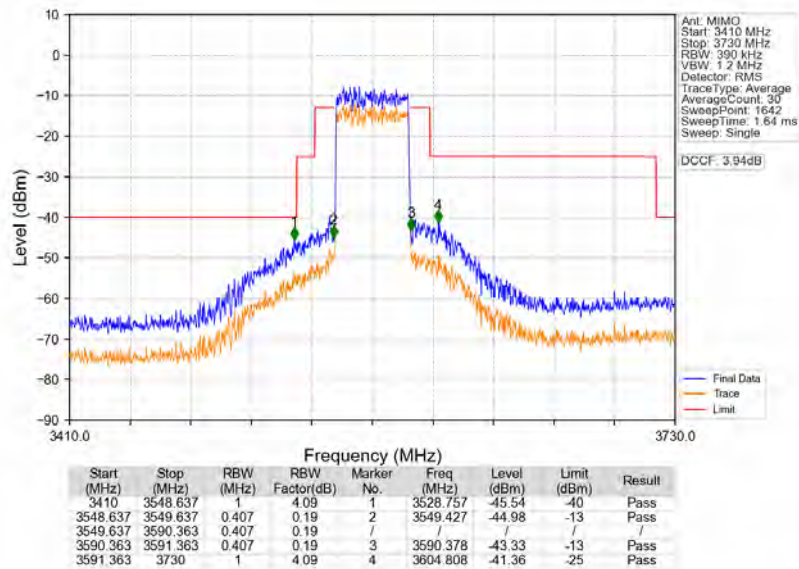
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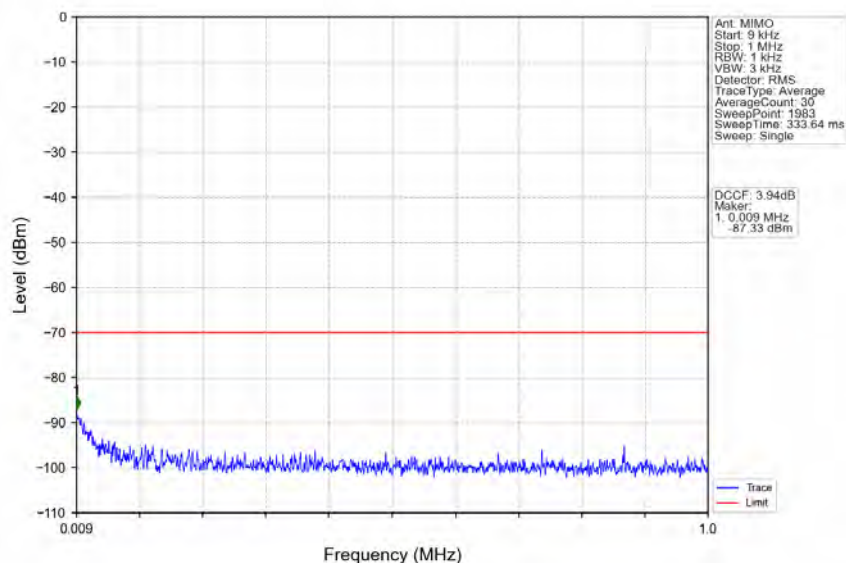
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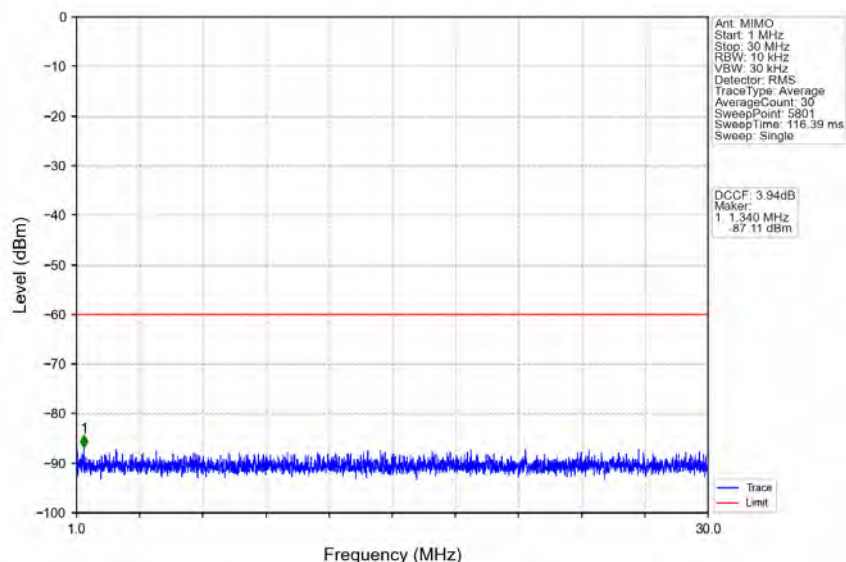
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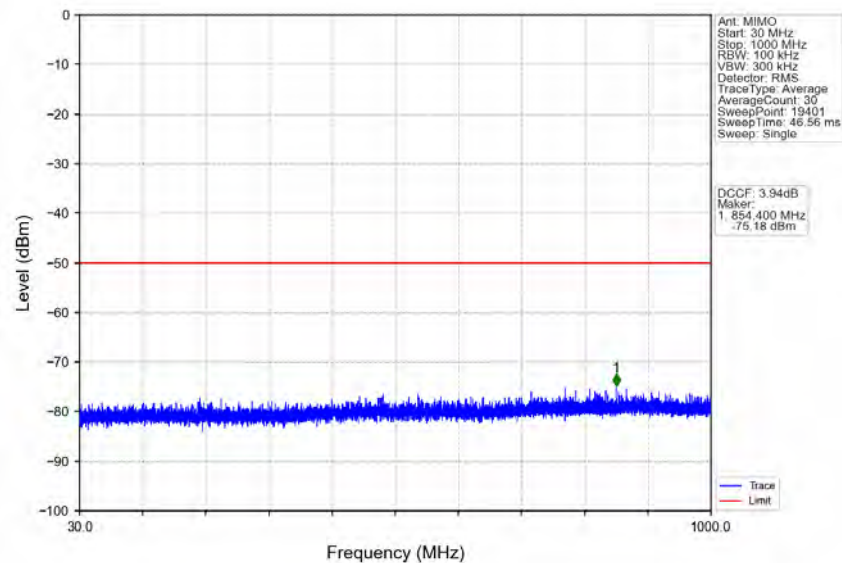
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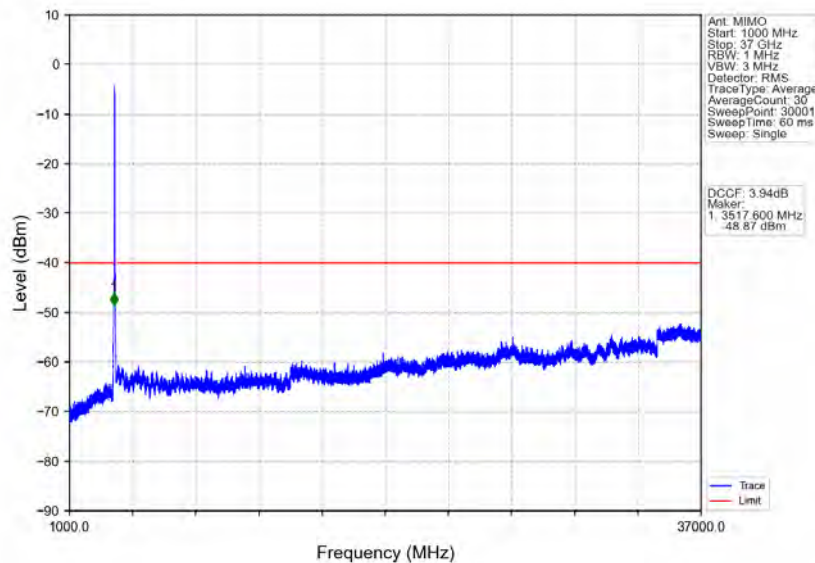
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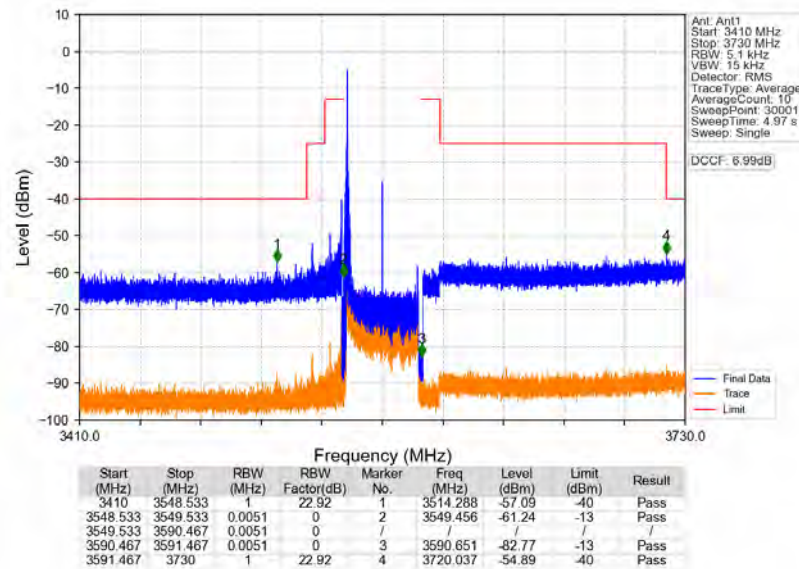
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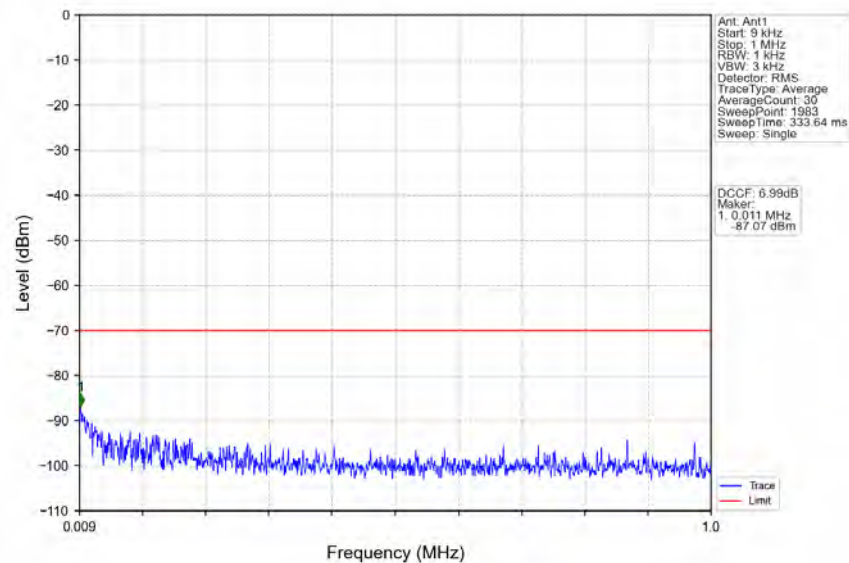
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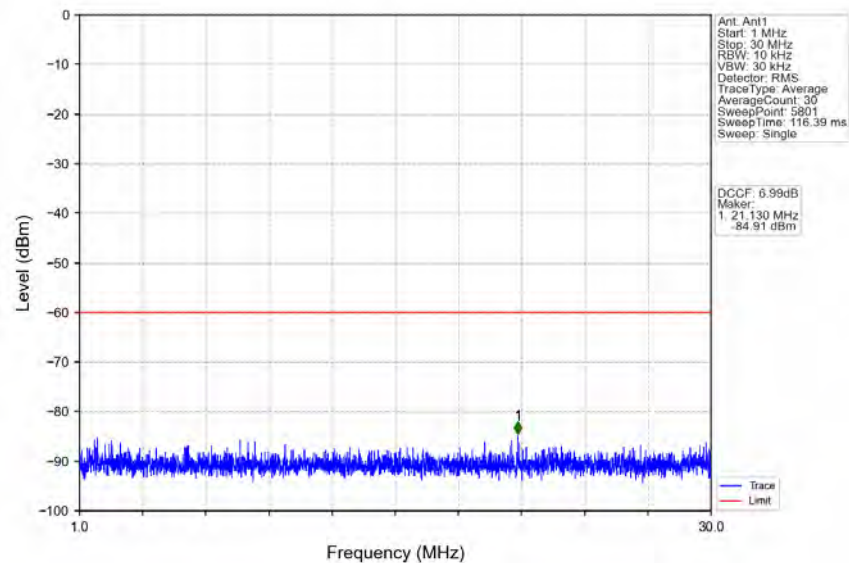
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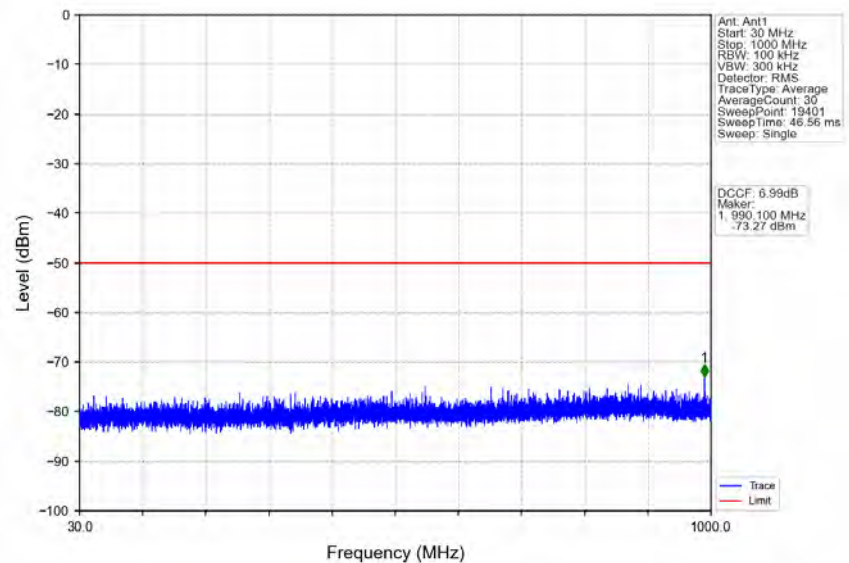
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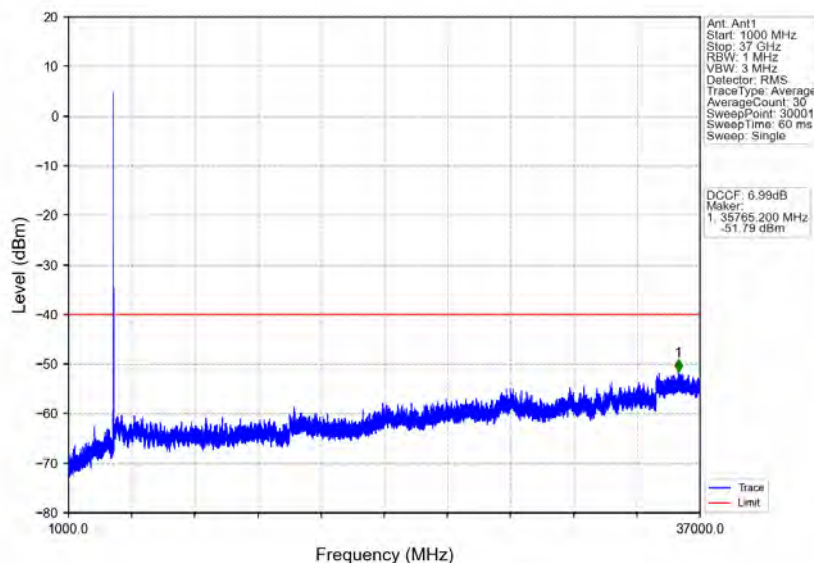
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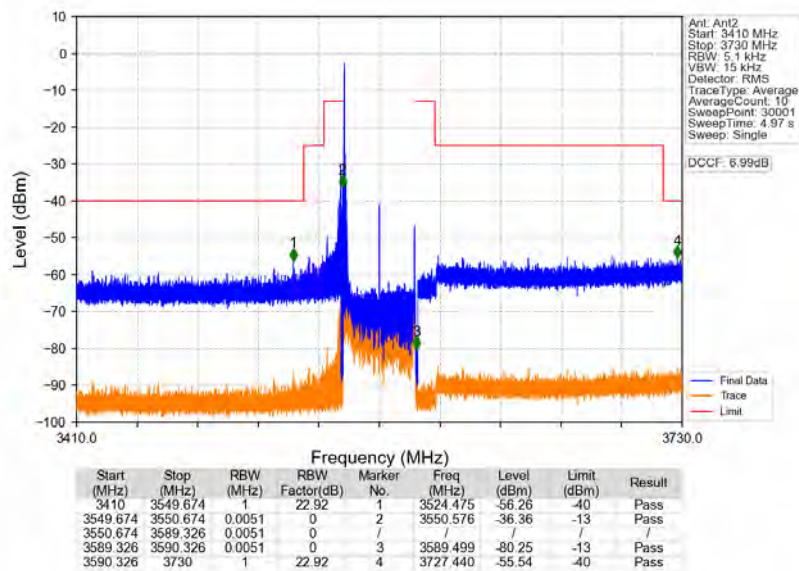
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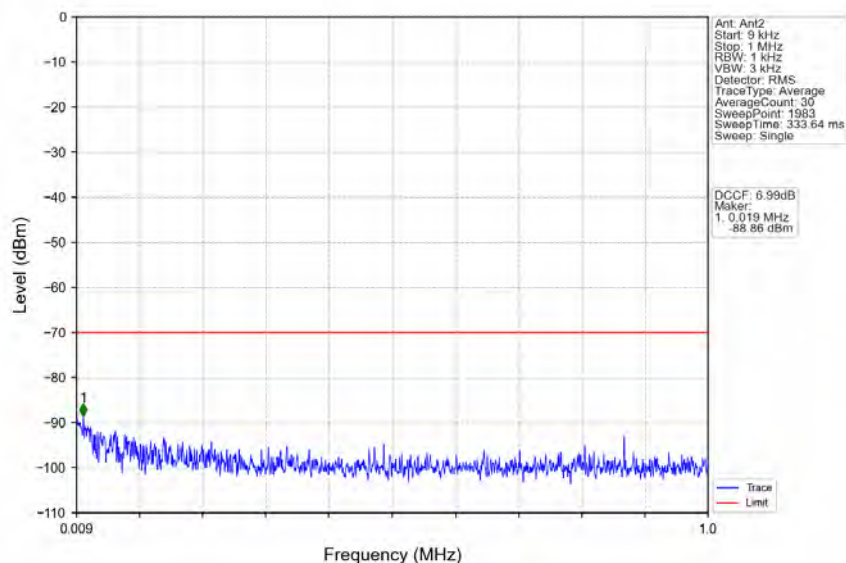
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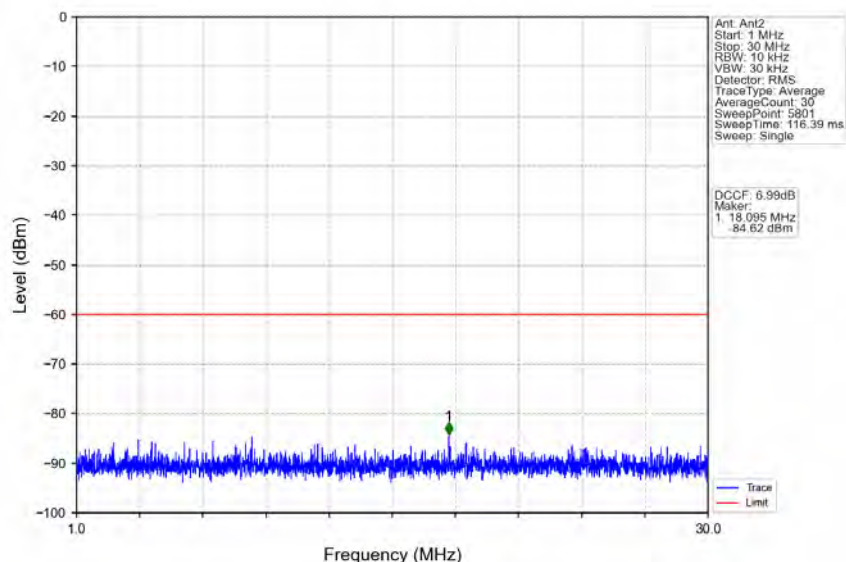
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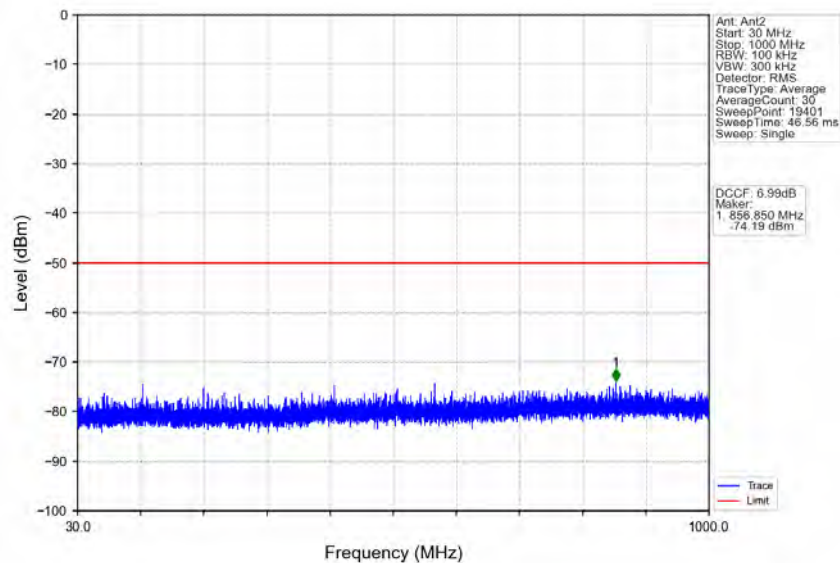
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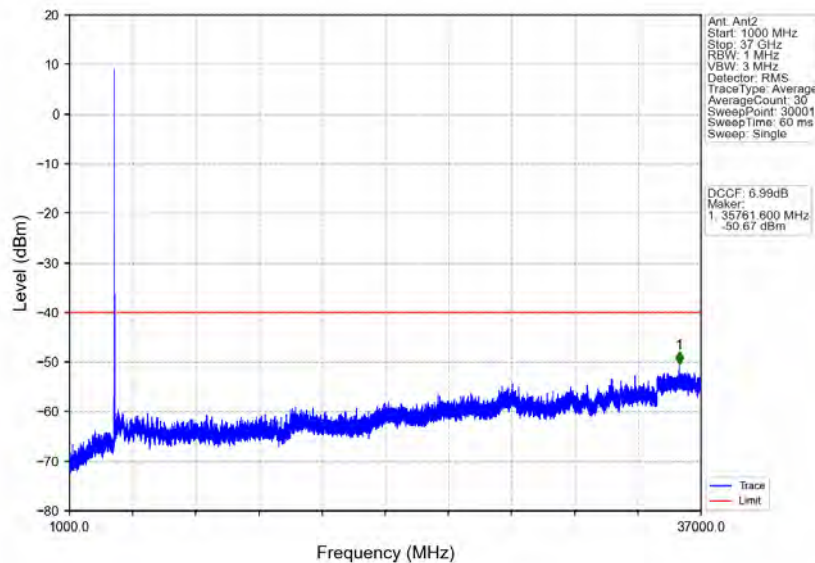
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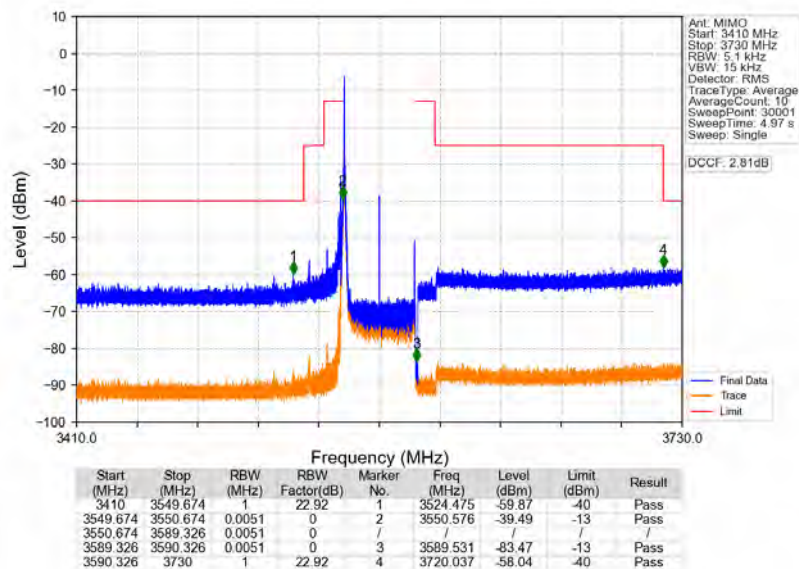
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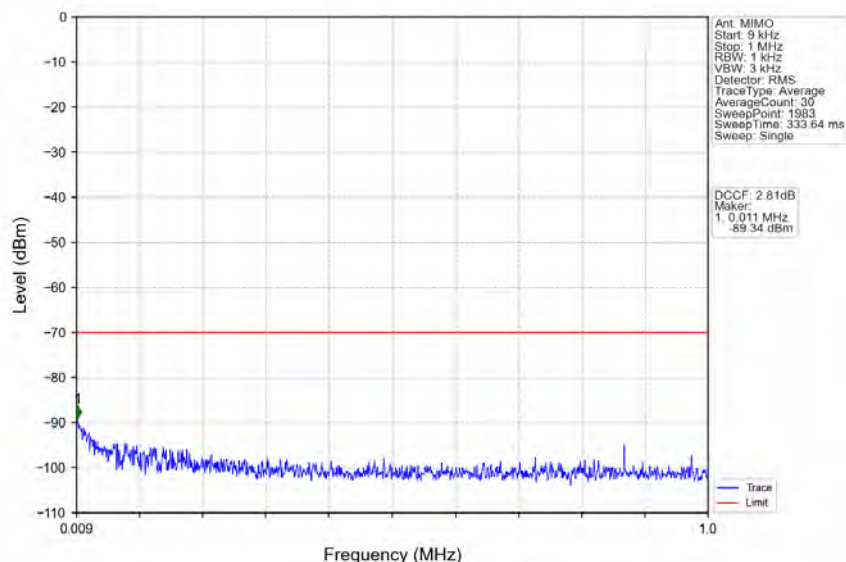
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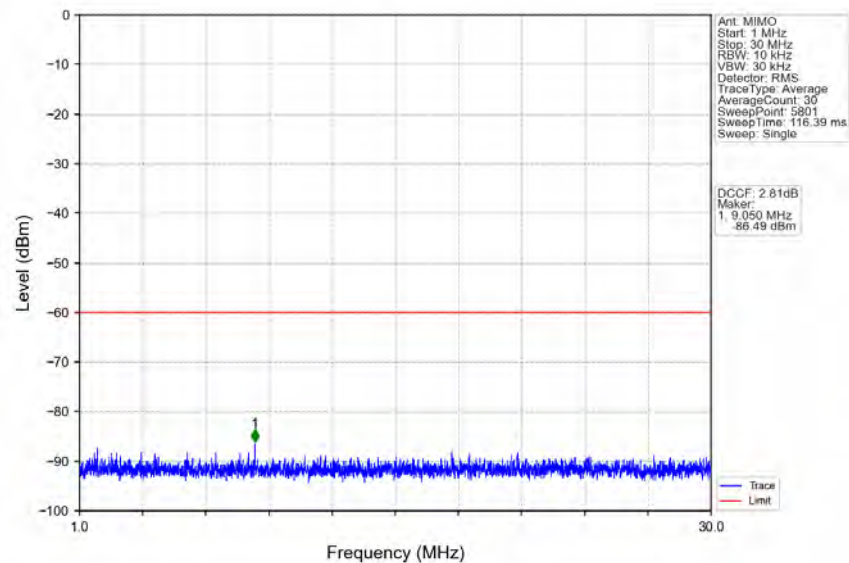
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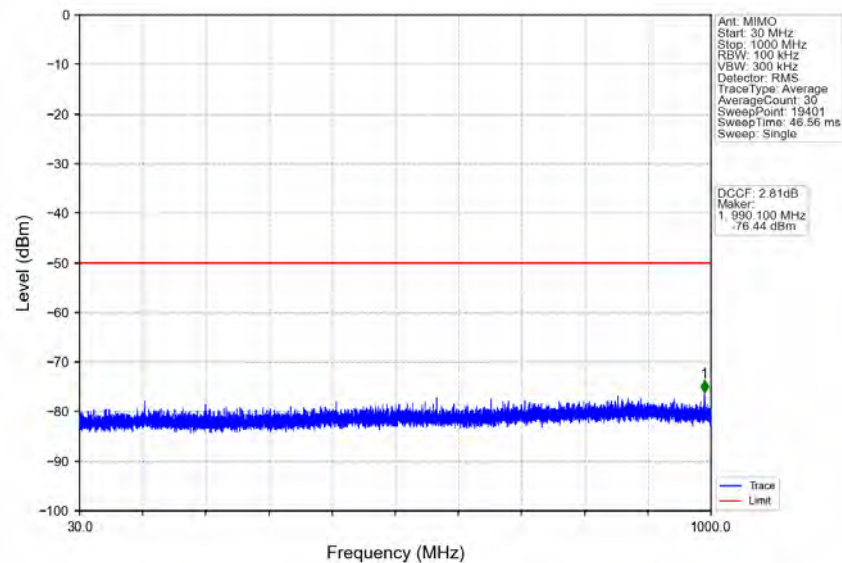
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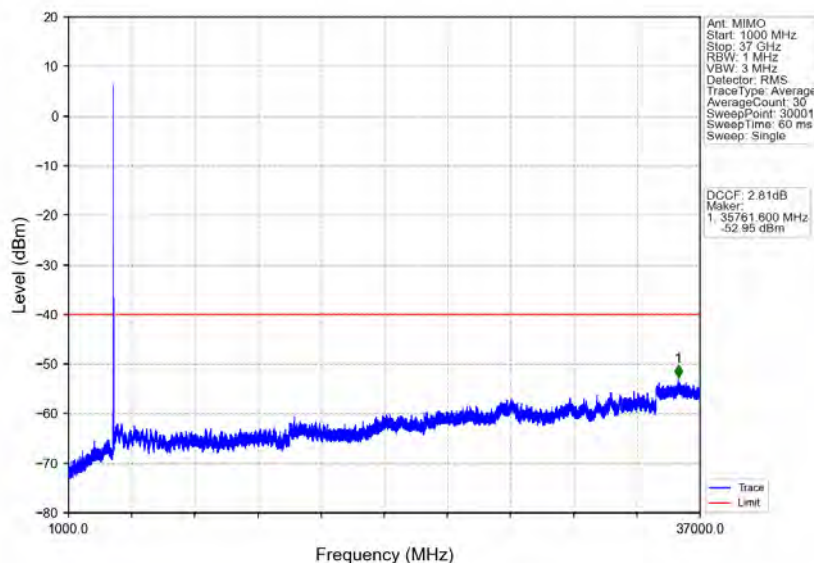
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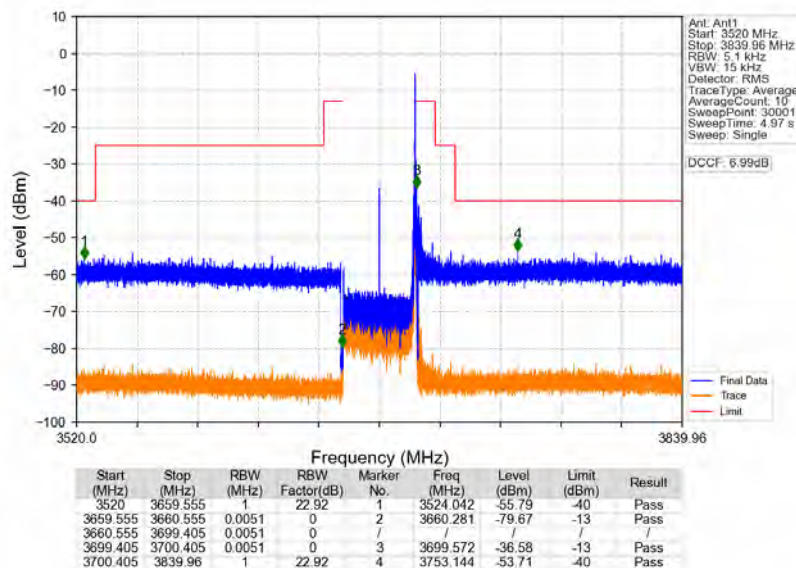
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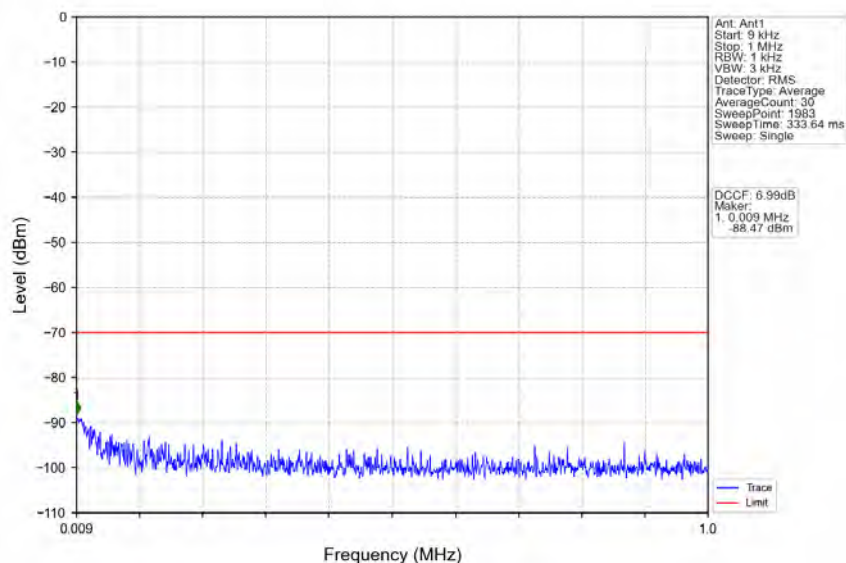
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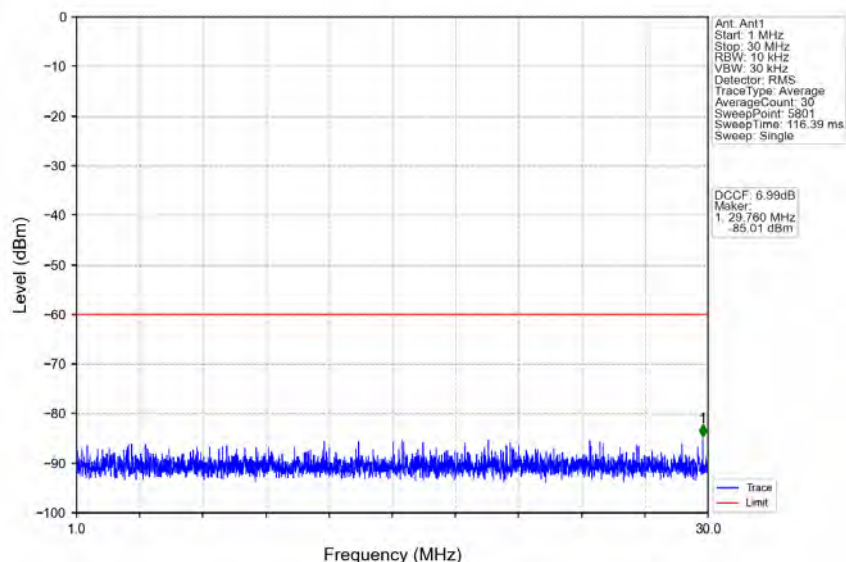
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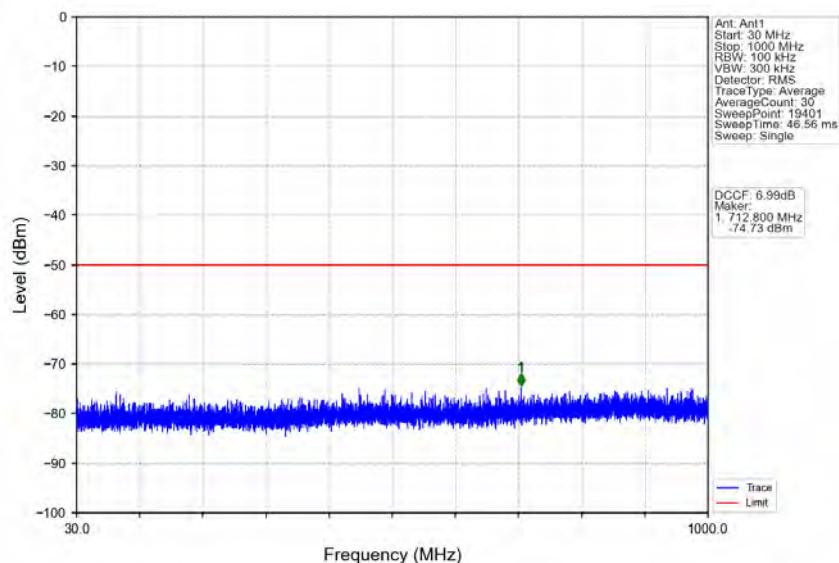
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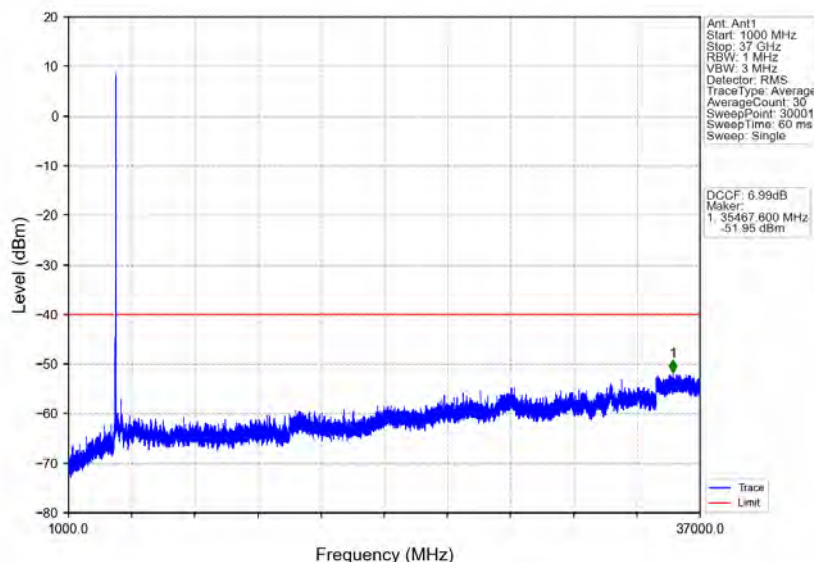
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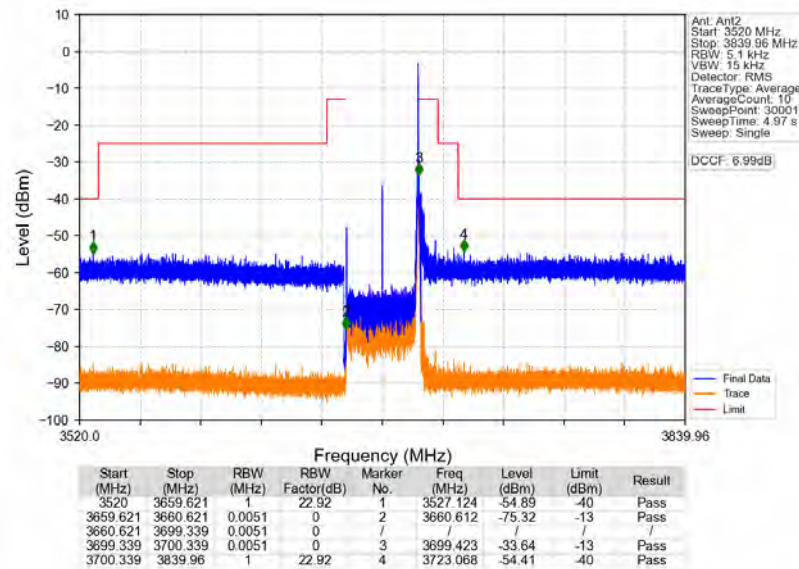
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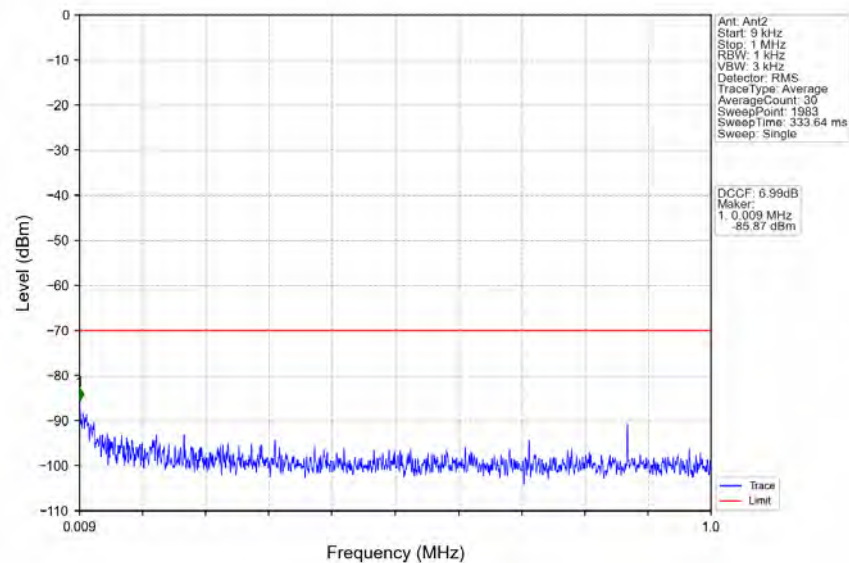
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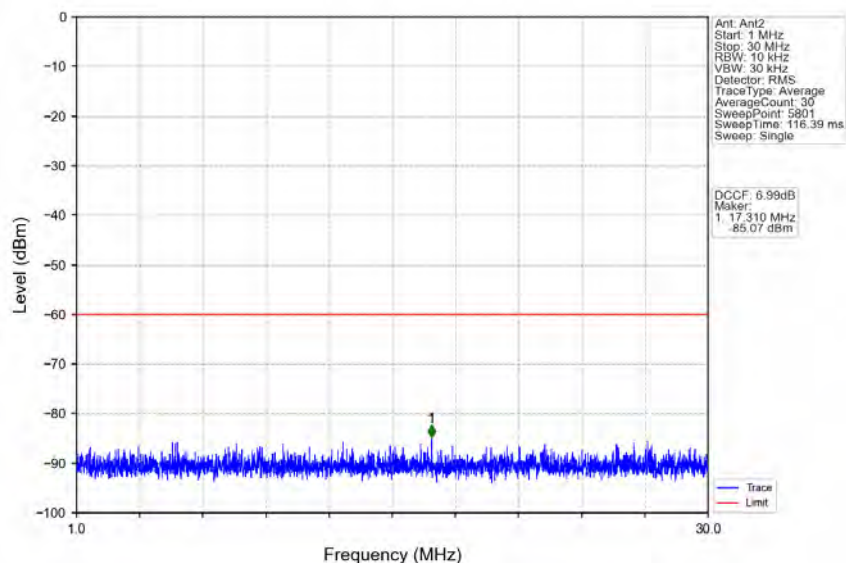
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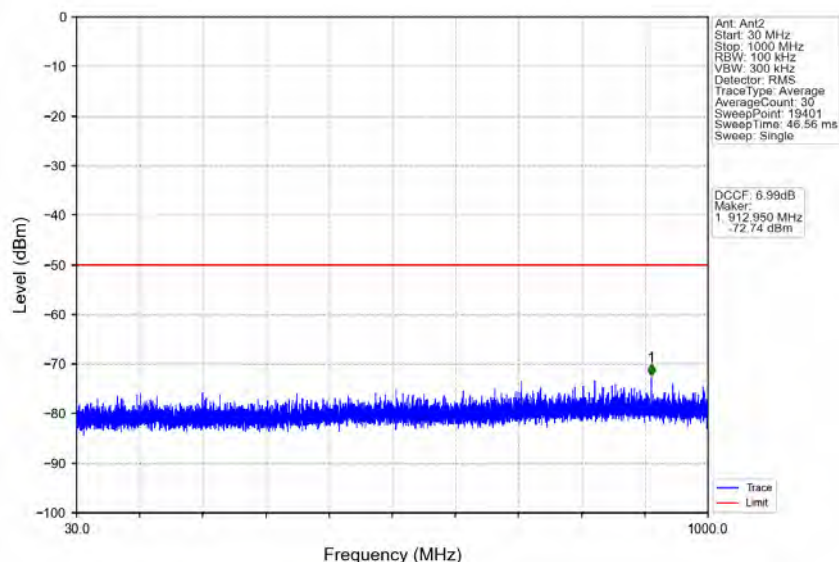
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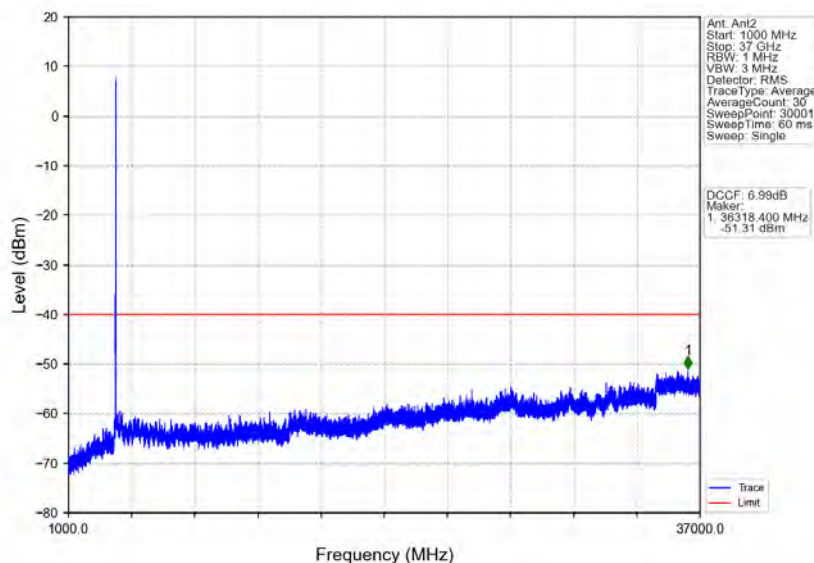
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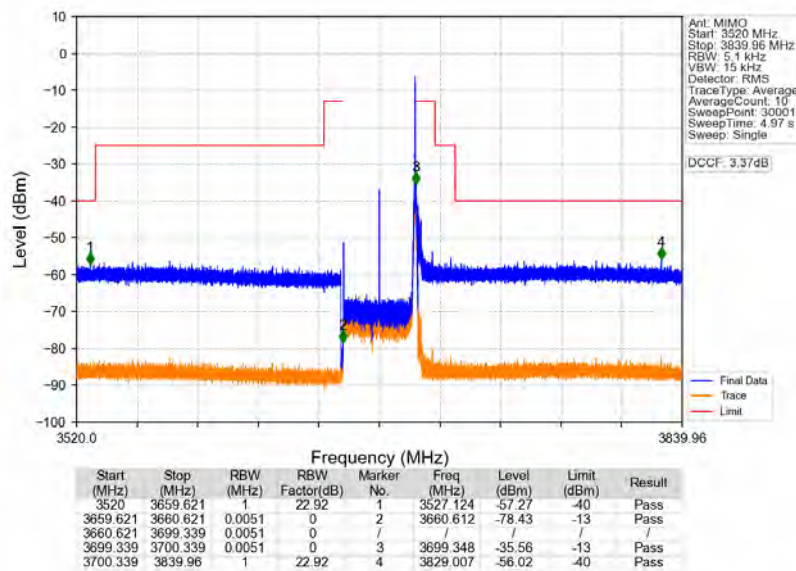
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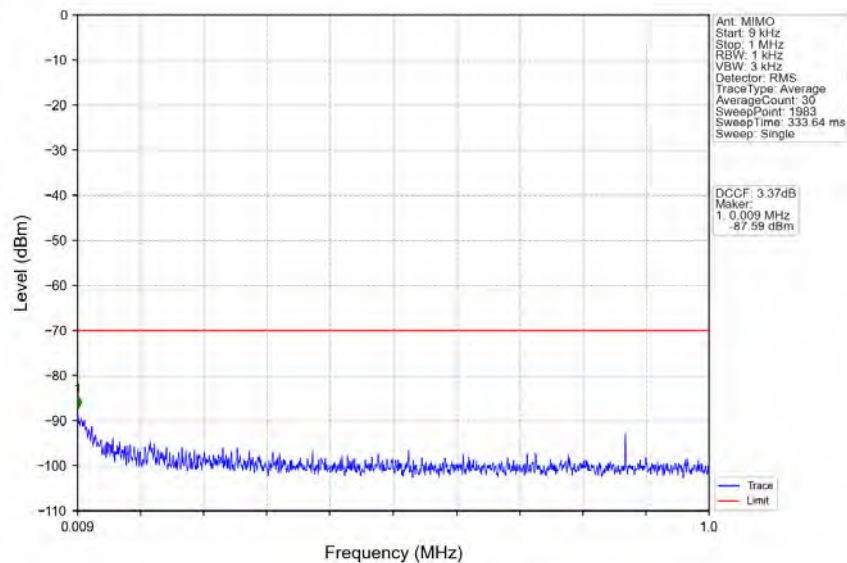
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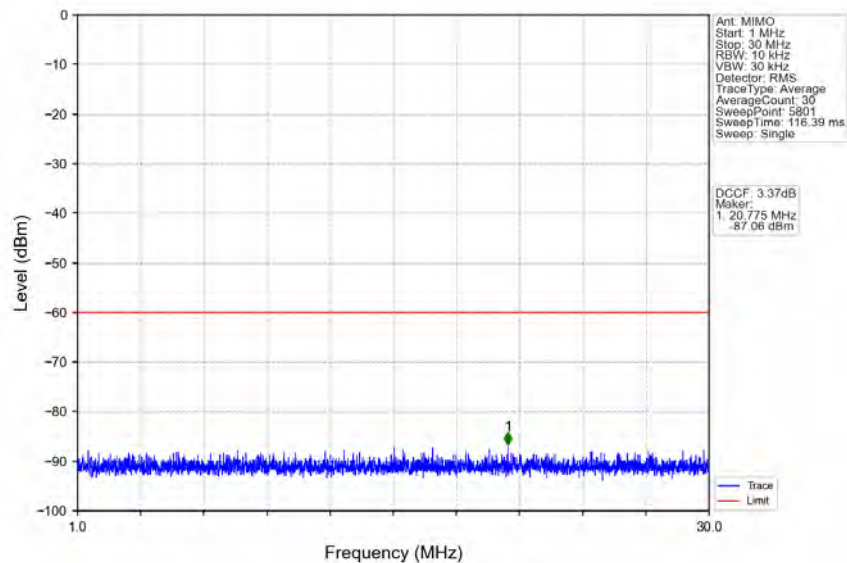
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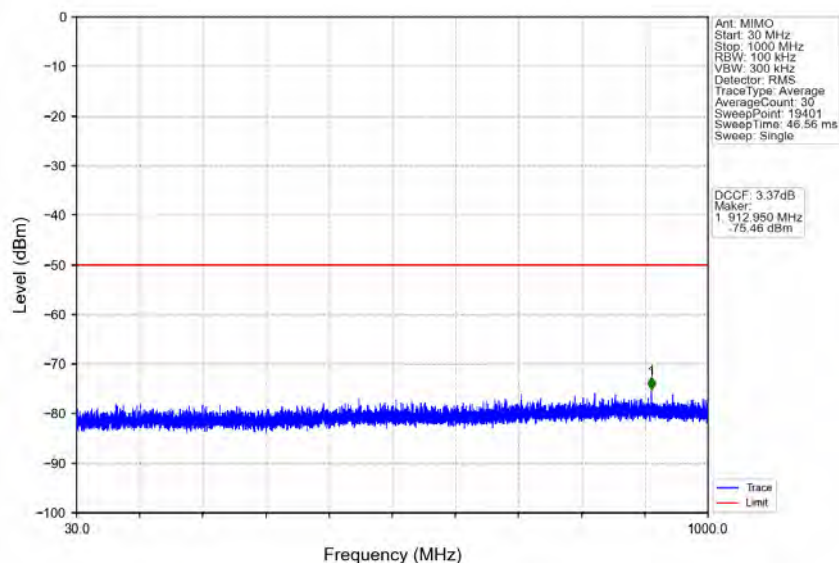
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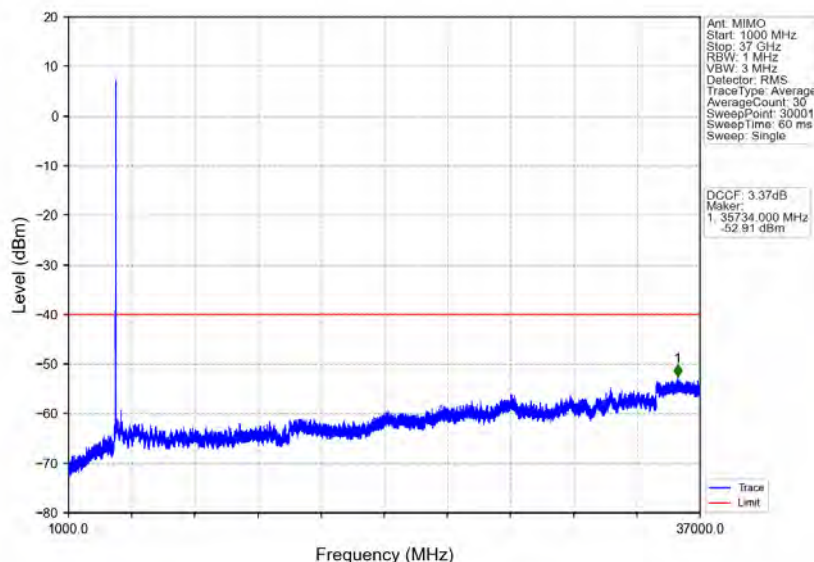
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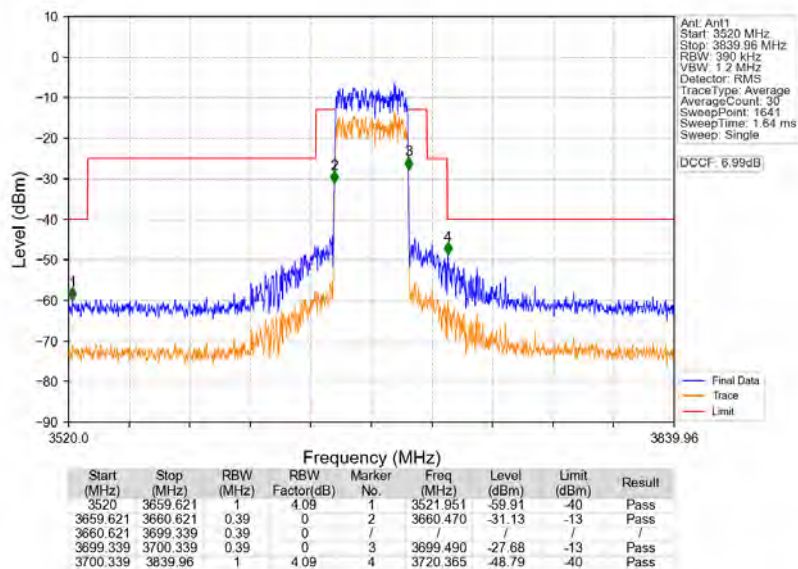
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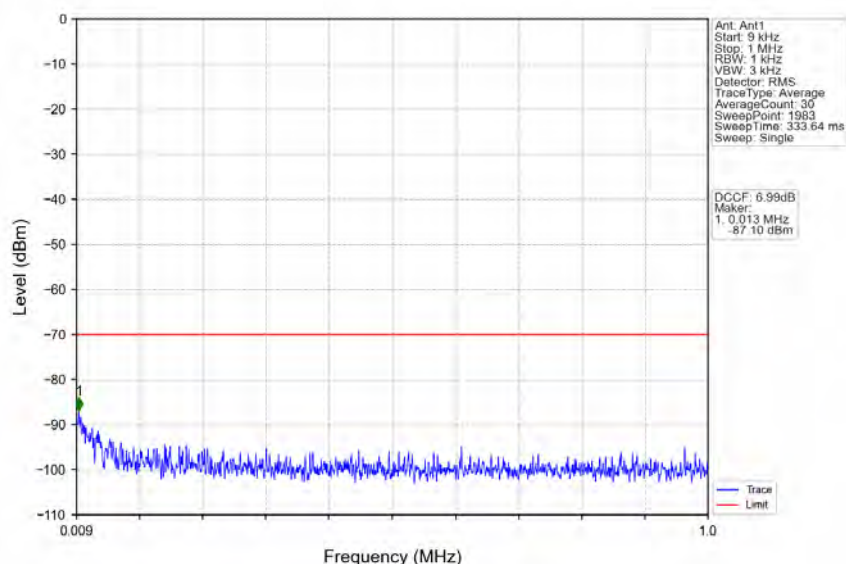
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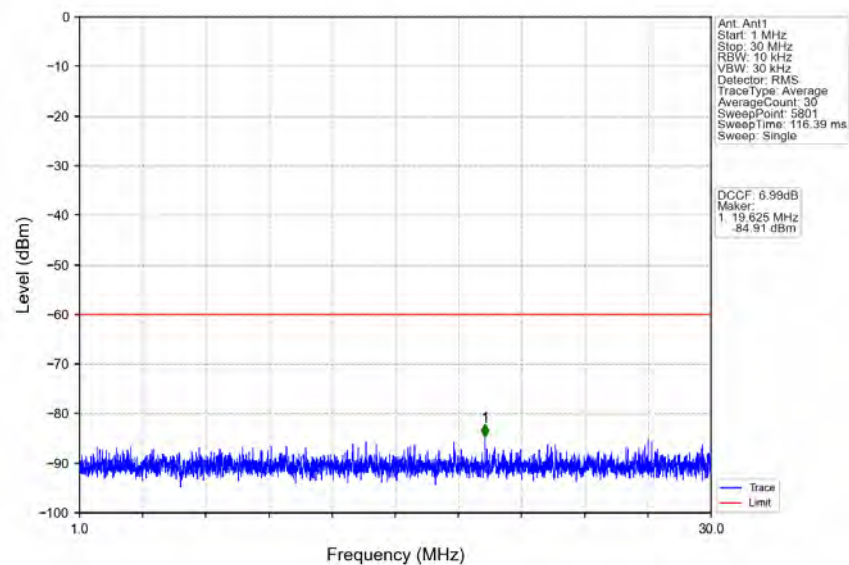
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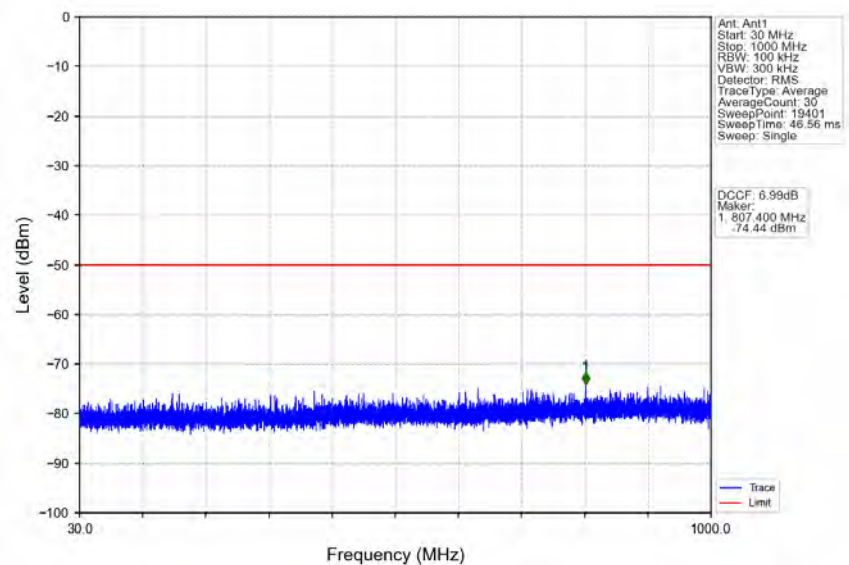
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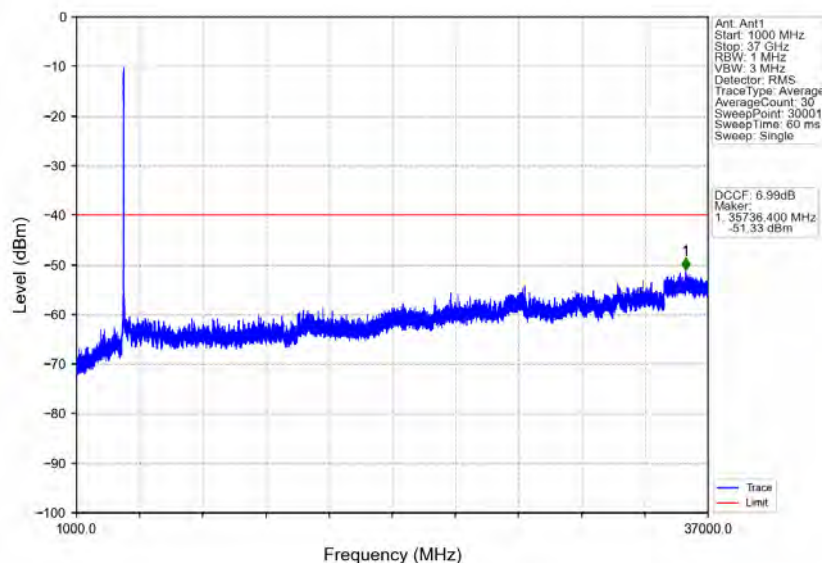
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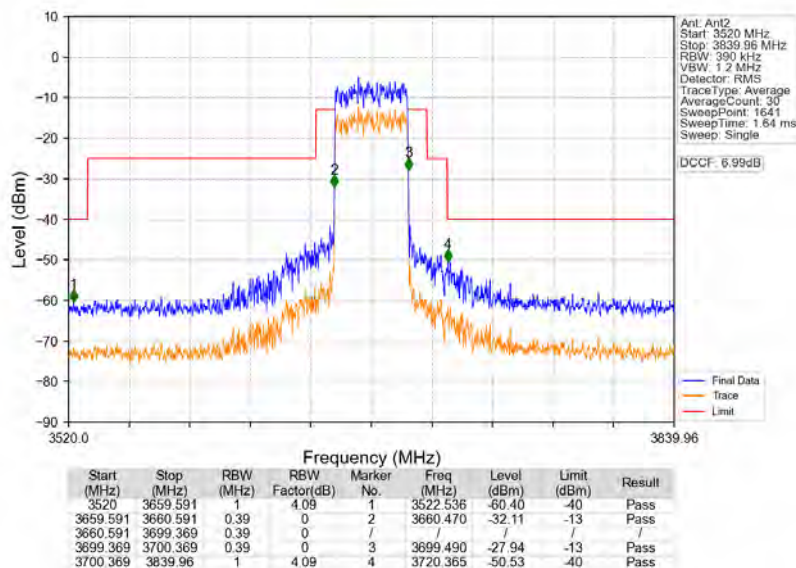
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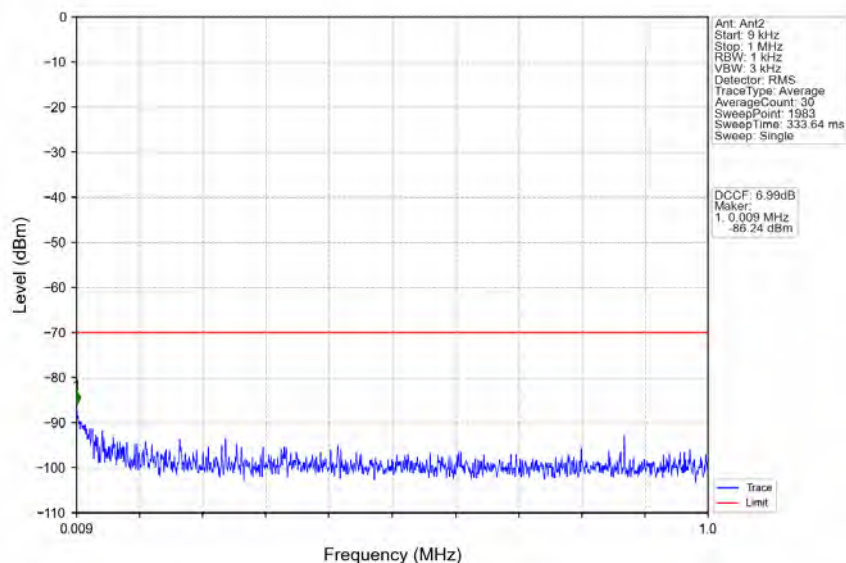
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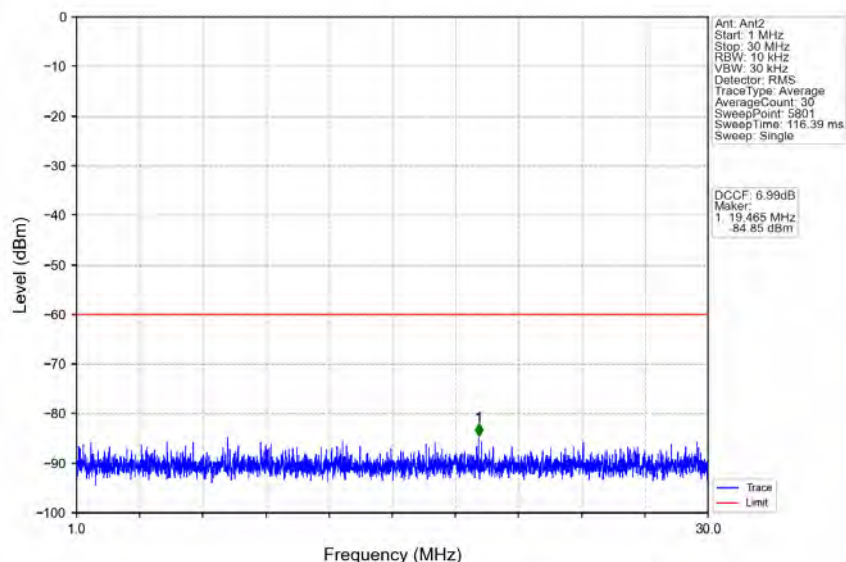
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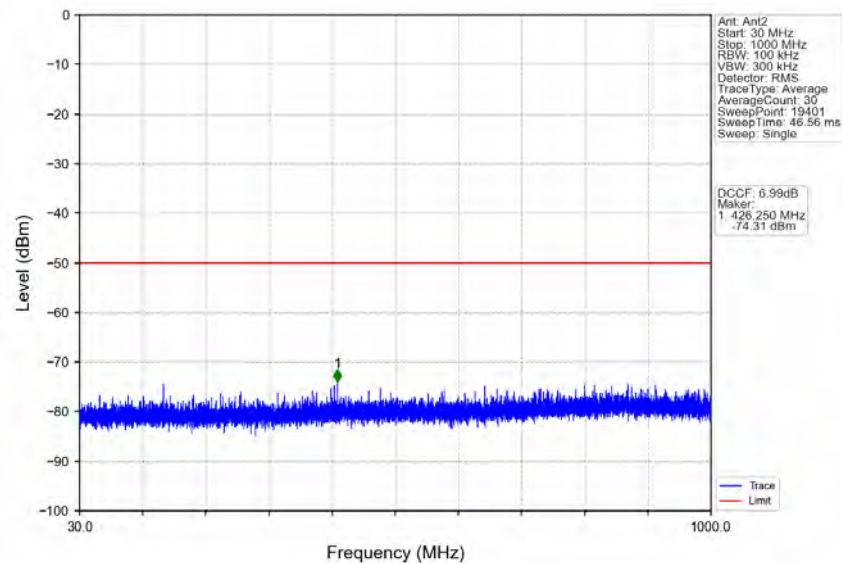
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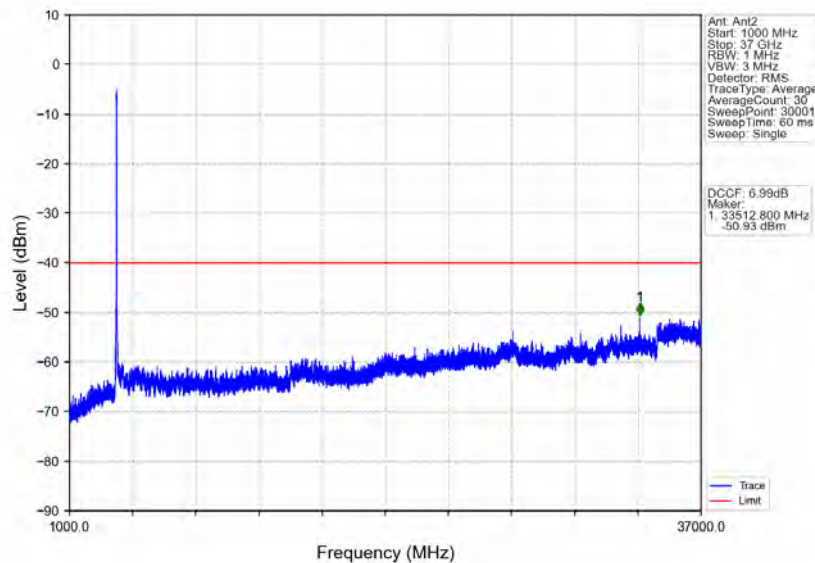
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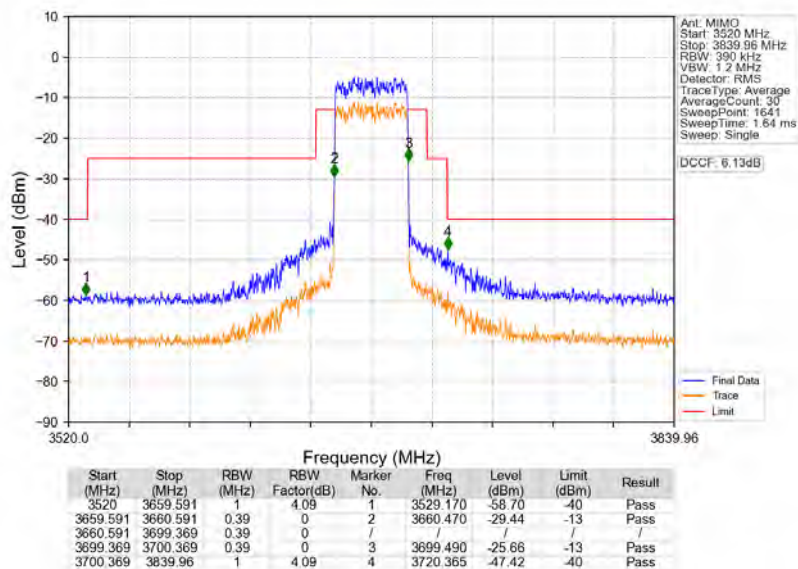
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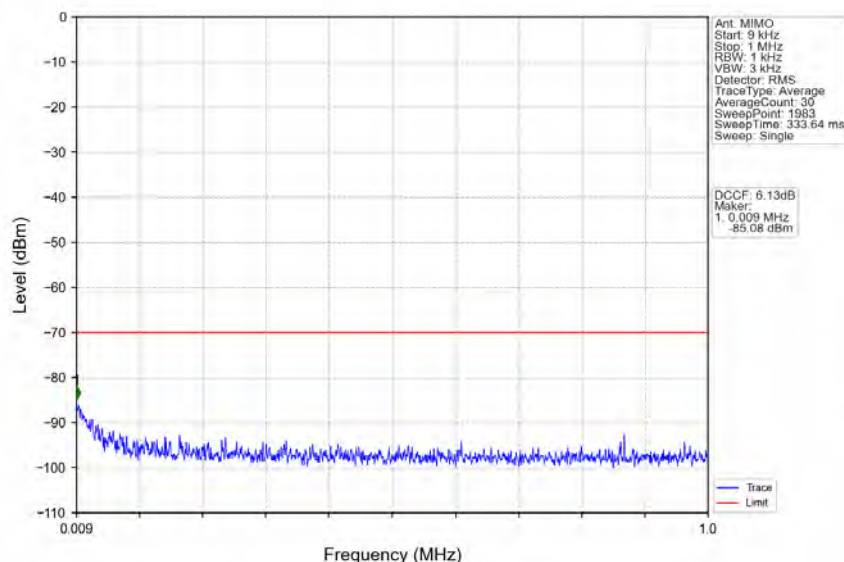
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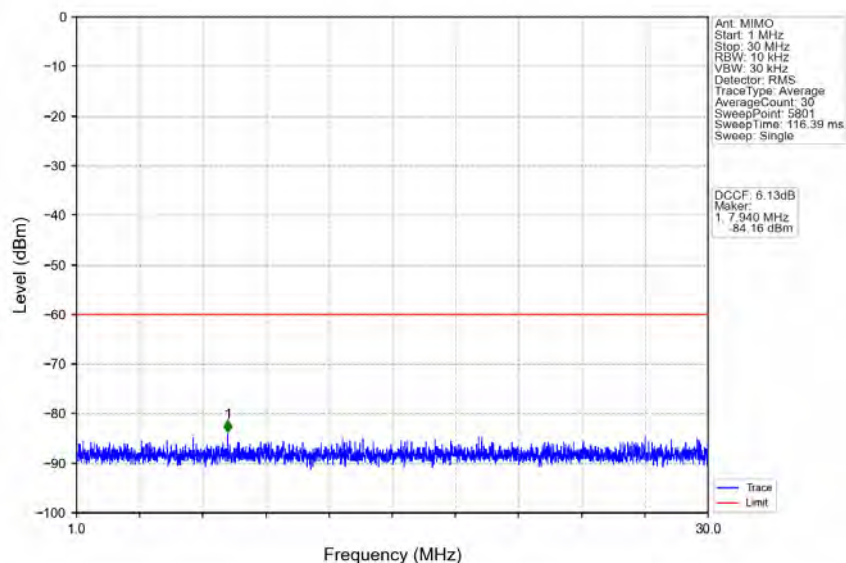
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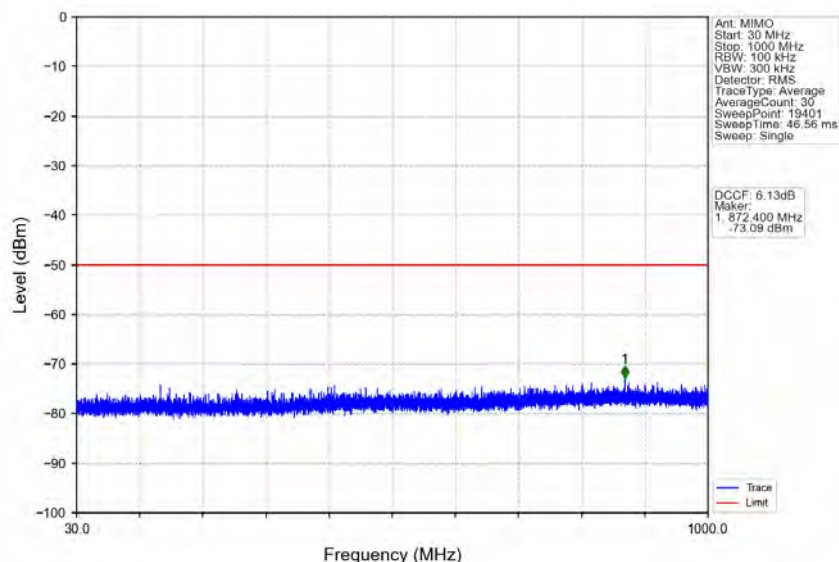
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n78d_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3679.98MHz_Outer_Full



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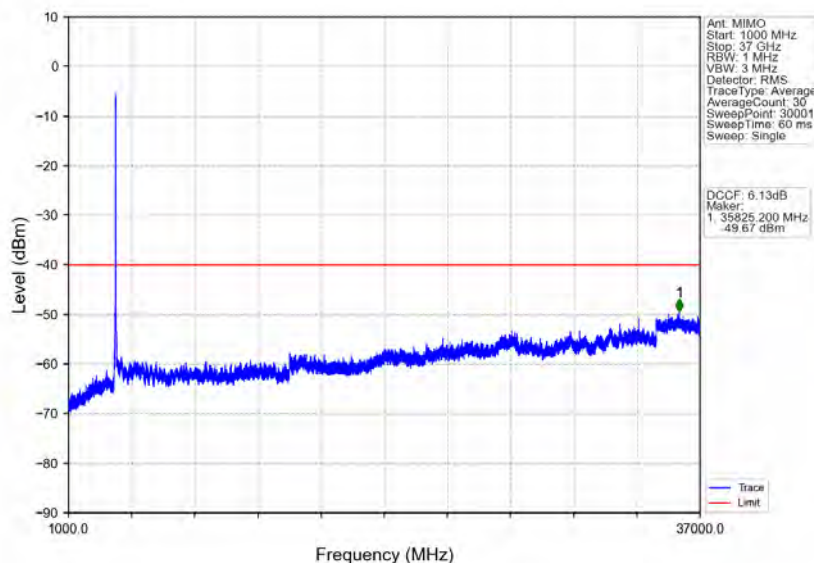
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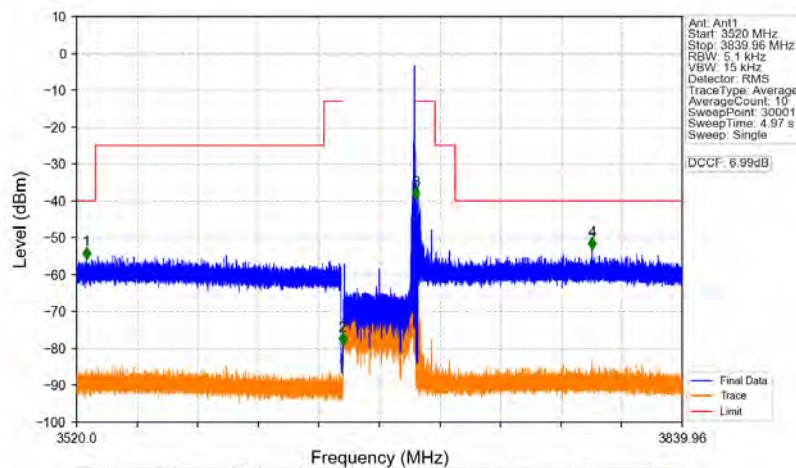
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n78d_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3679.98MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3659.621	1	22.92	1	3525.173	-55.89	-40	Pass
3659.621	3660.621	0.0051	0	2	3660.569	-79.13	-13	Pass
3660.621	3699.339	0.0051	0	/	/	/	/	/
3699.339	3700.339	0.0051	0	3	3699.423	-39.73	-13	Pass
3700.339	3839.96	1	22.92	4	3792.361	-53.23	-40	Pass



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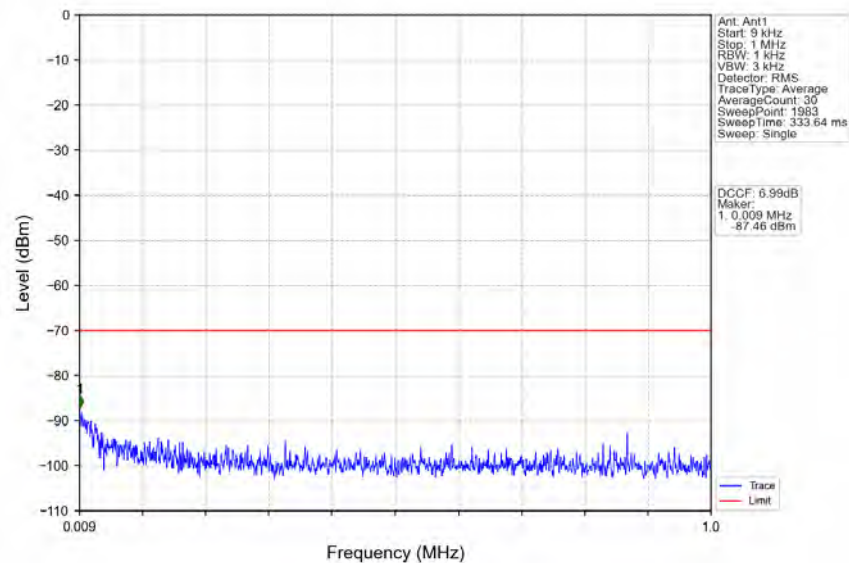
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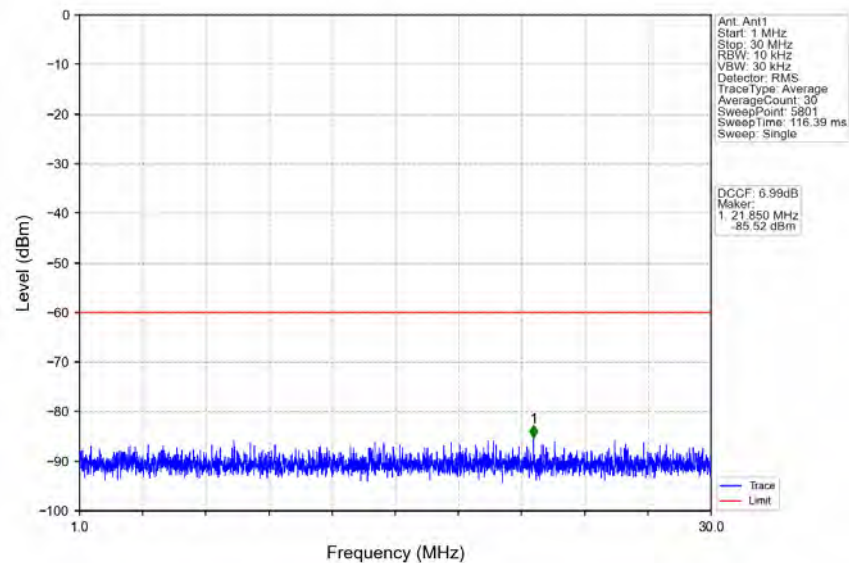
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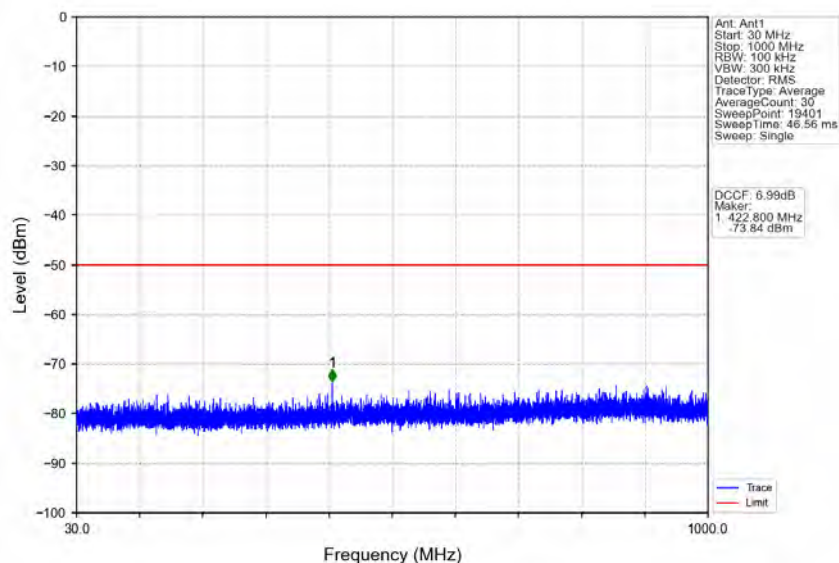
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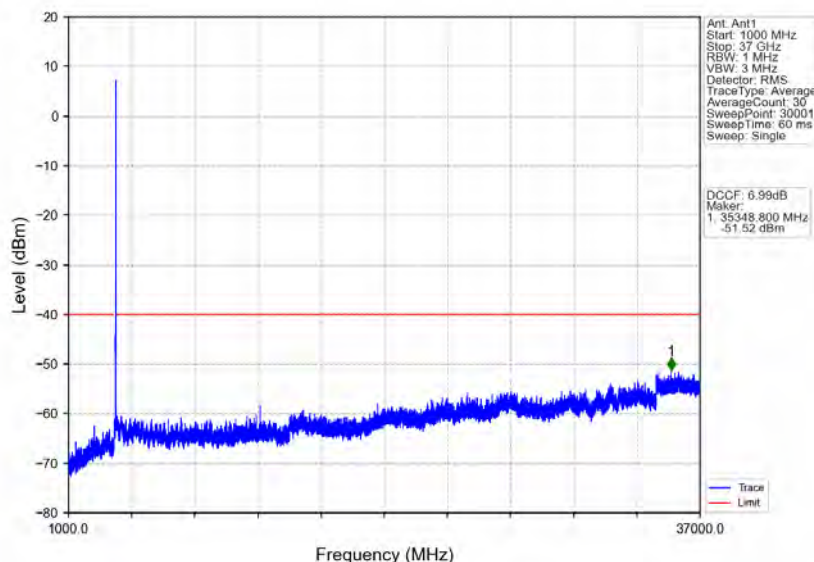
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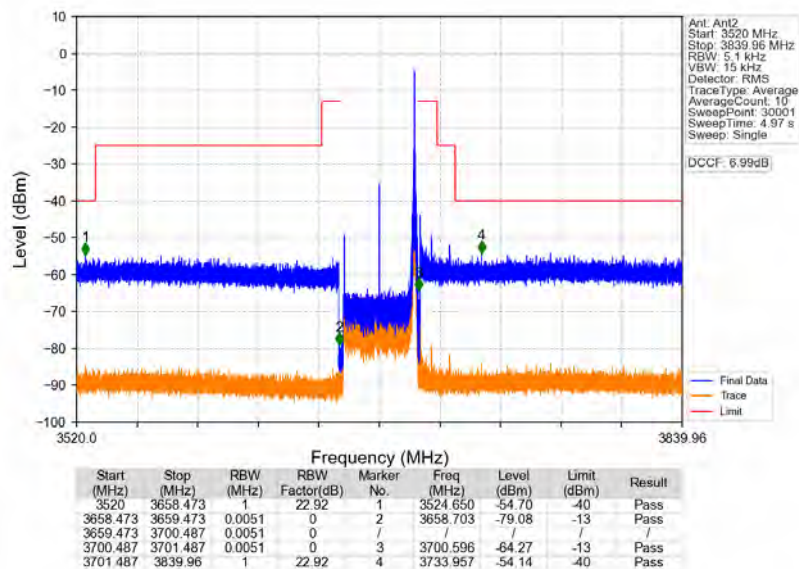
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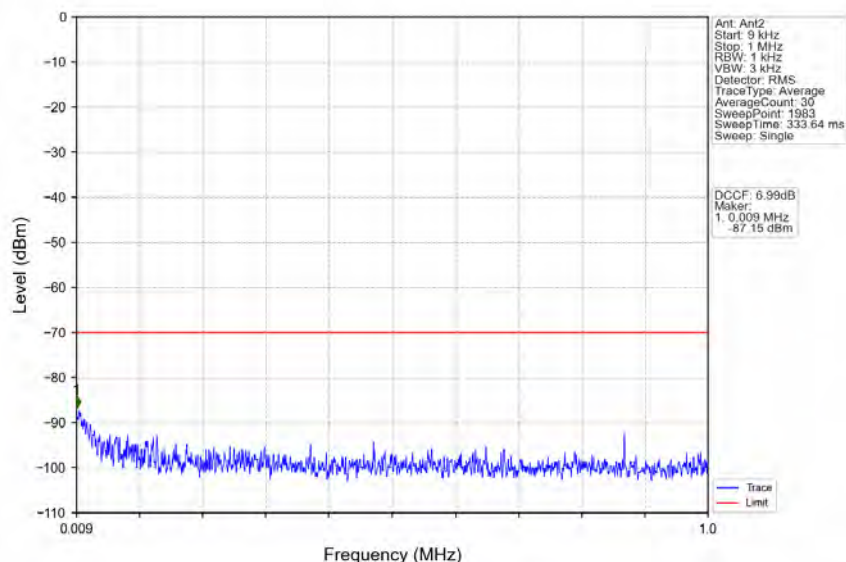
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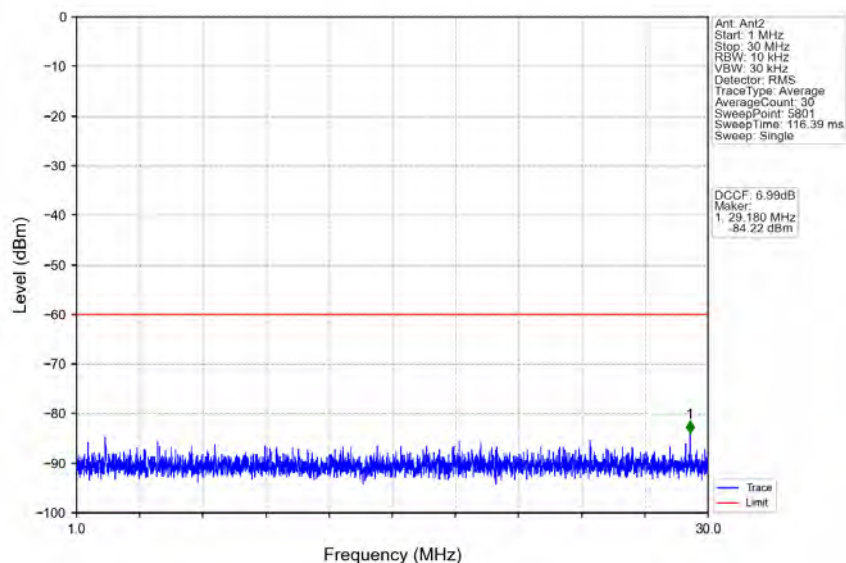
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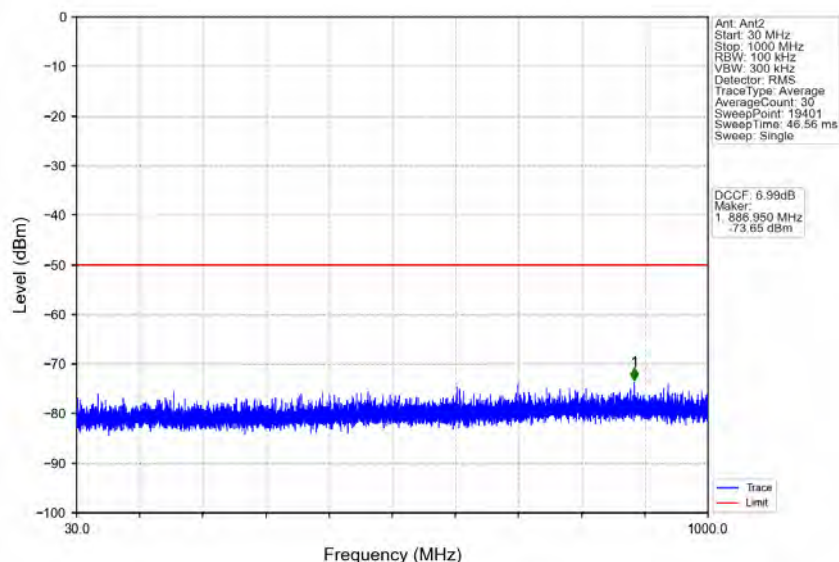
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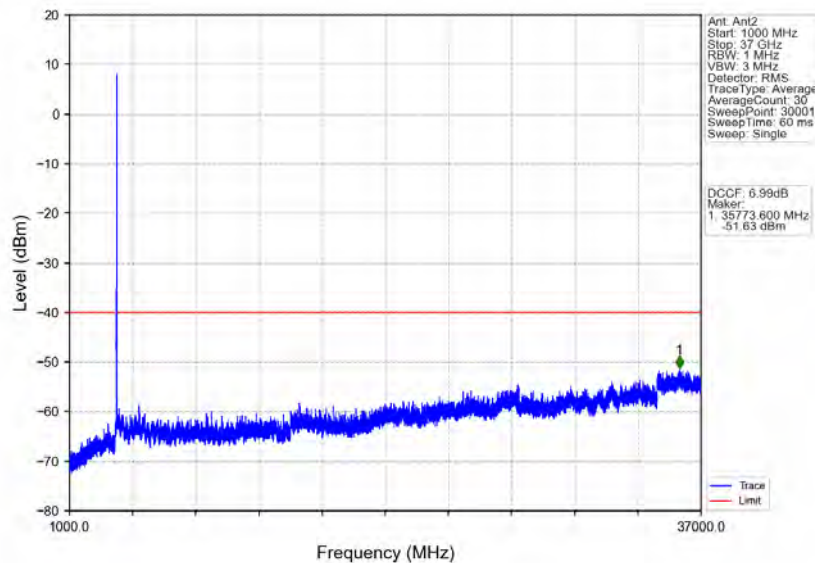
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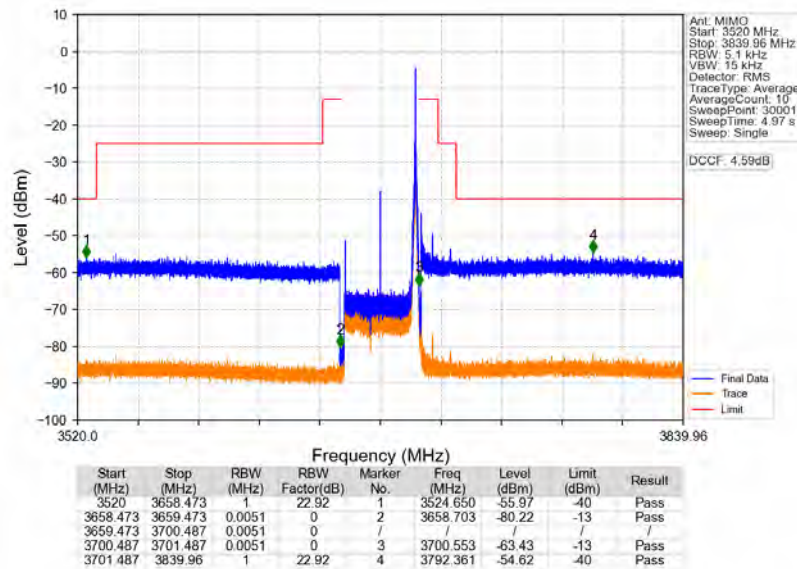
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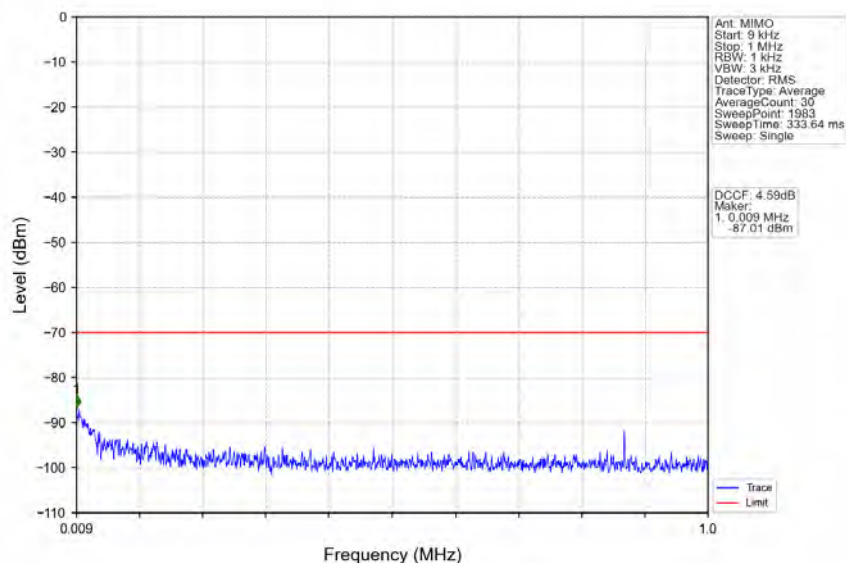
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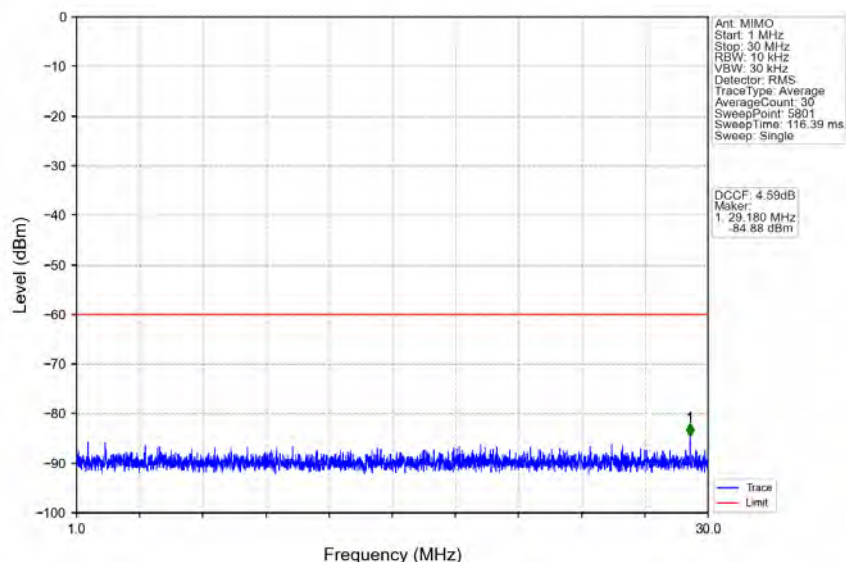
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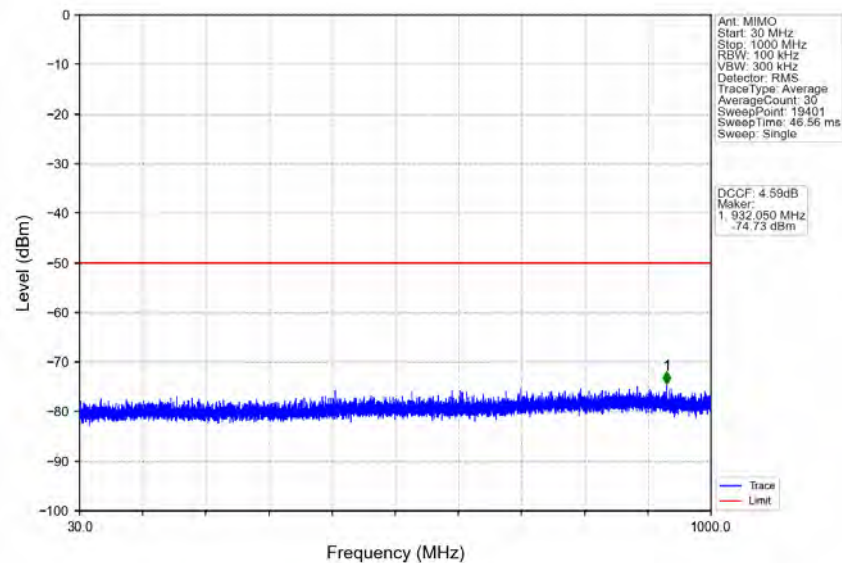
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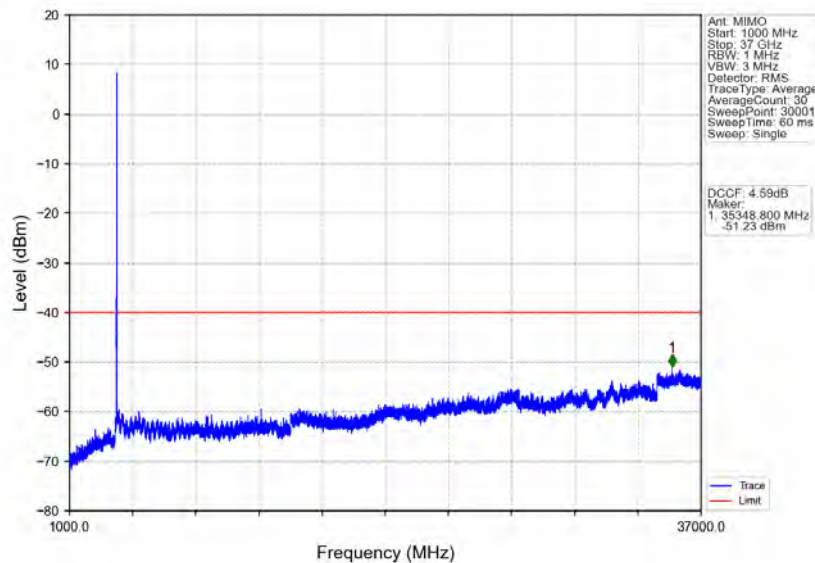
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6.6 30k_MIMO_50MHz_NTNV

6.6.1 Test Result

5G NR n78d SCS=30kHz MIMO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3575.01	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
	3675	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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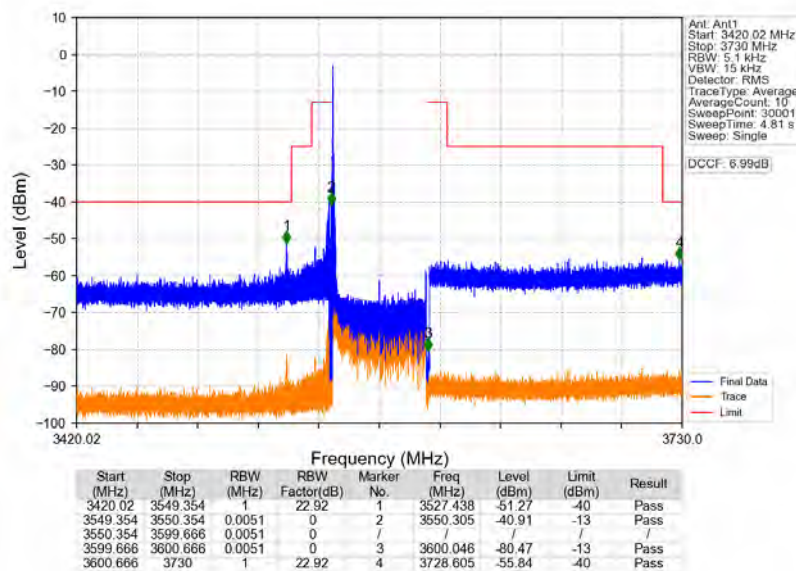
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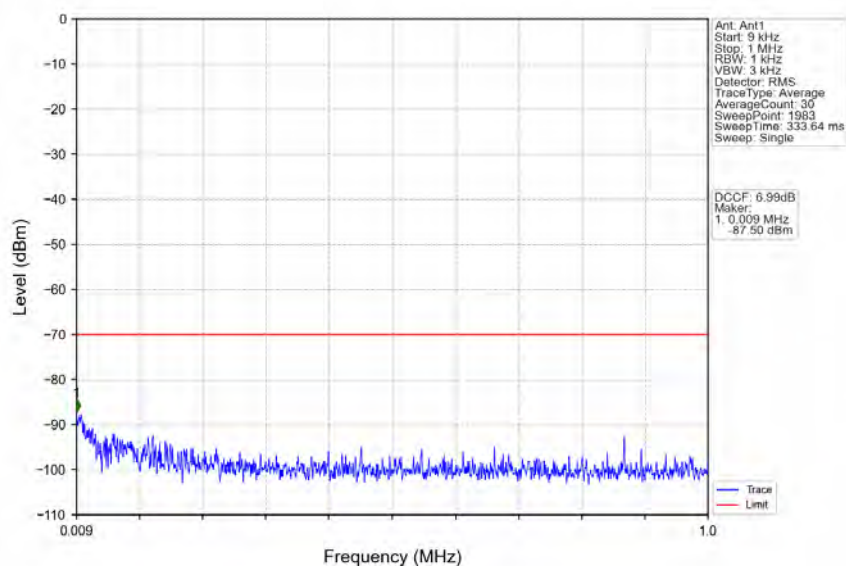
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6.6.2 Test Graph

n78d 30kHz MIMO_NTNV_50MHz_CP-OFDM QPSK_3575.01MHz_Edge_1RB_Left



n78d 30kHz MIMO_NTNV_50MHz_CP-OFDM QPSK_3575.01MHz_Edge_1RB_Left



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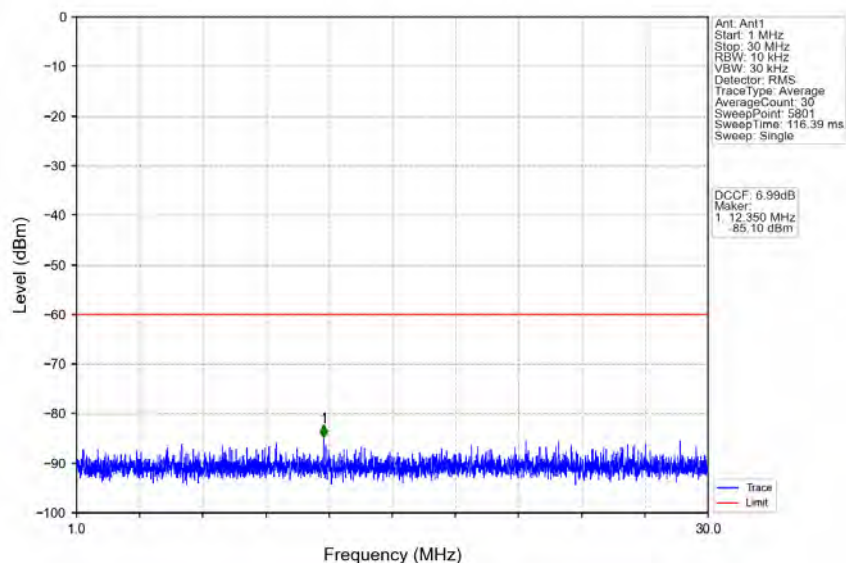
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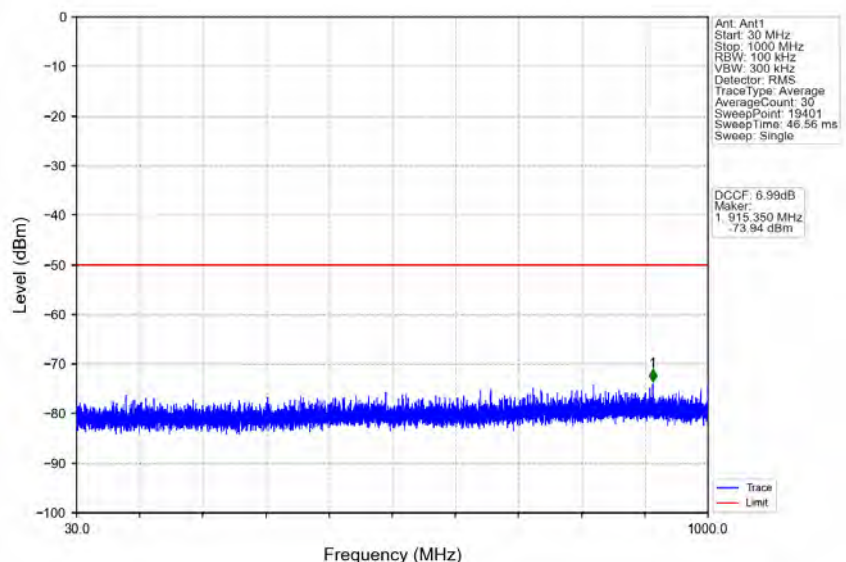
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n78d_30kHz_MIMO_NTNV_50MHz_CP-OFDM_QPSK_3575.01MHz_Edge_1RB_Left



n78d_30kHz_MIMO_NTNV_50MHz_CP-OFDM_QPSK_3575.01MHz_Edge_1RB_Left



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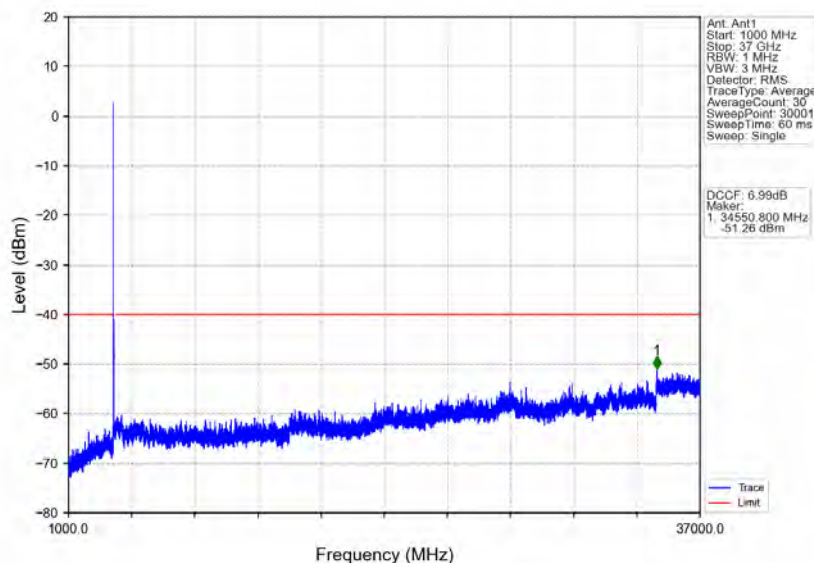
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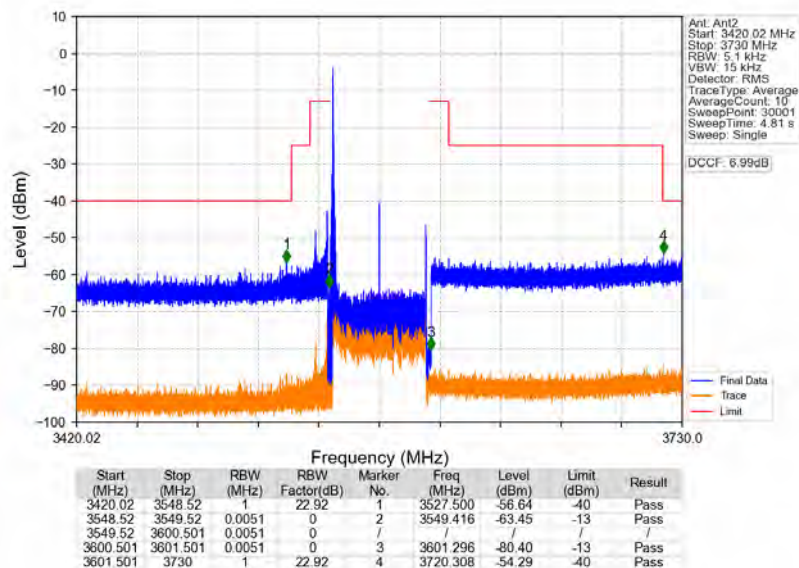
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n78d_30kHz_MIMO_NTNV_50MHz_CP-OFDM_QPSK_3575.01MHz_Edge_1RB_Left



n78d_30kHz_MIMO_NTNV_50MHz_CP-OFDM_QPSK_3575.01MHz_Edge_1RB_Left



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