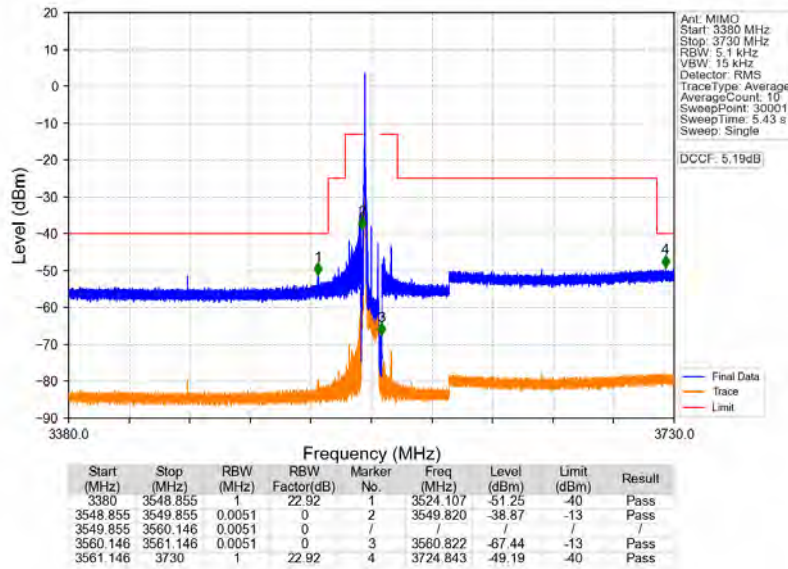
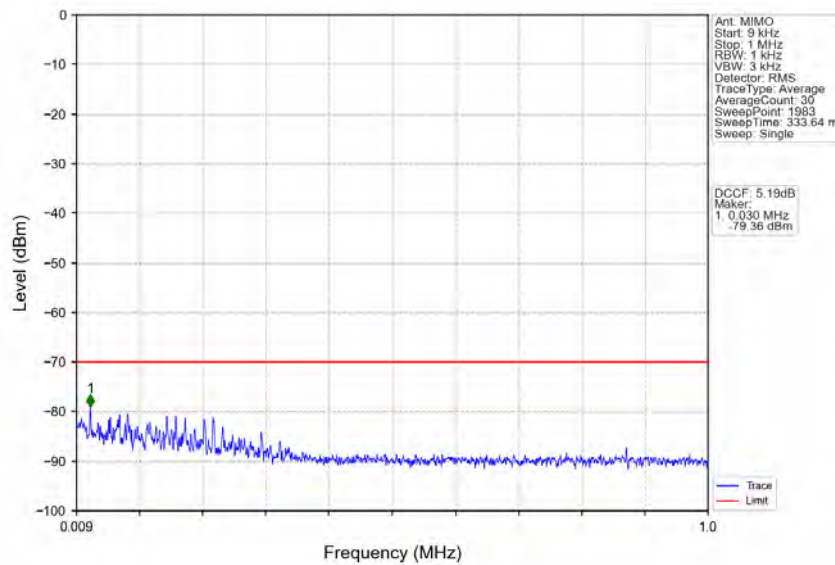


n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Inner_1RB_Left



n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Inner_1RB_Left



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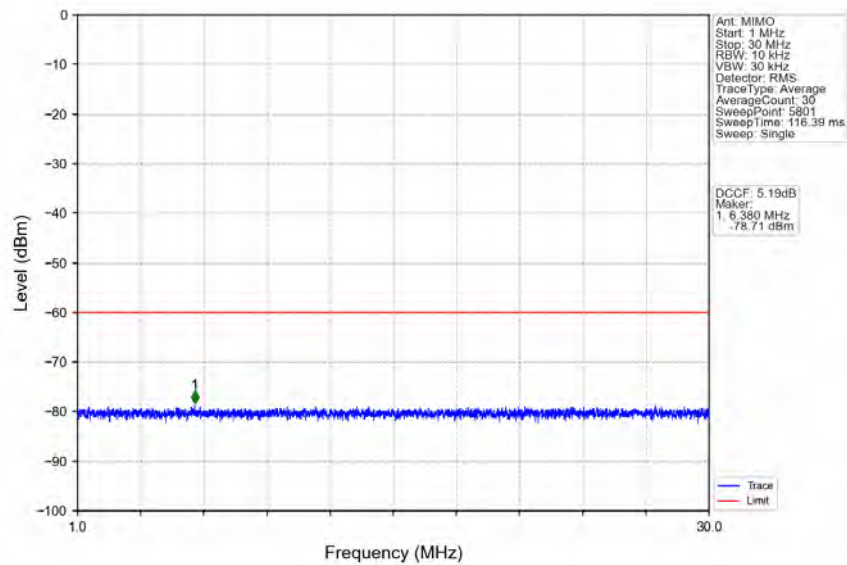
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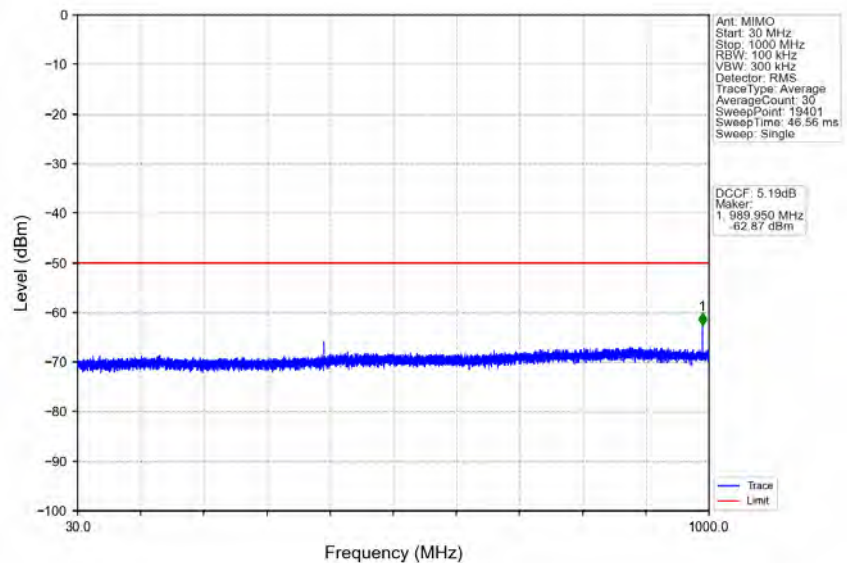


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n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Inner_1RB_Left



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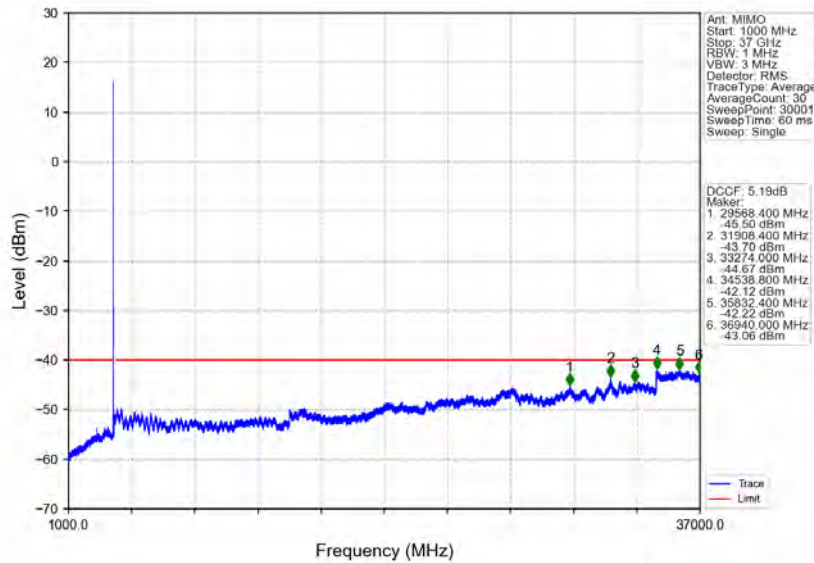
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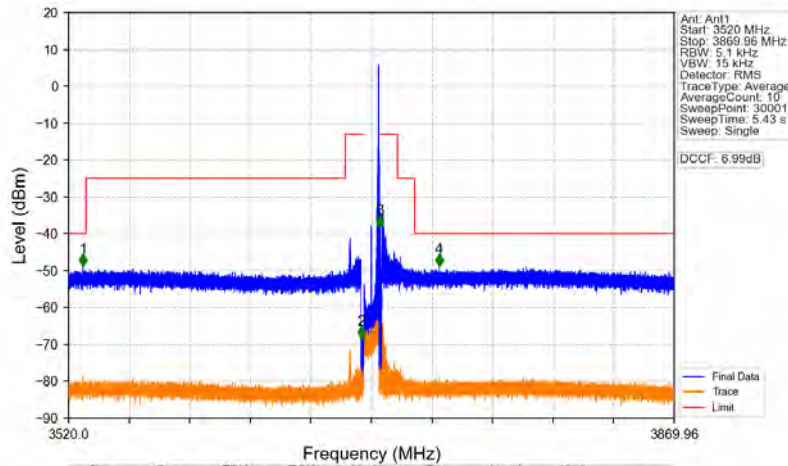
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n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Inner_1RB_Left



n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3688.885	1	22.92	1	3528.352	-48.93	-40	Pass
3688.885	3689.885	0.0051	0	2	3689.124	-68.48	-13	Pass
3689.885	3700.075	0.0051	0	3	3700.089	-38.35	-13	Pass
3701.075	3869.96	1	22.92	4	3734.094	-48.89	-40	Pass



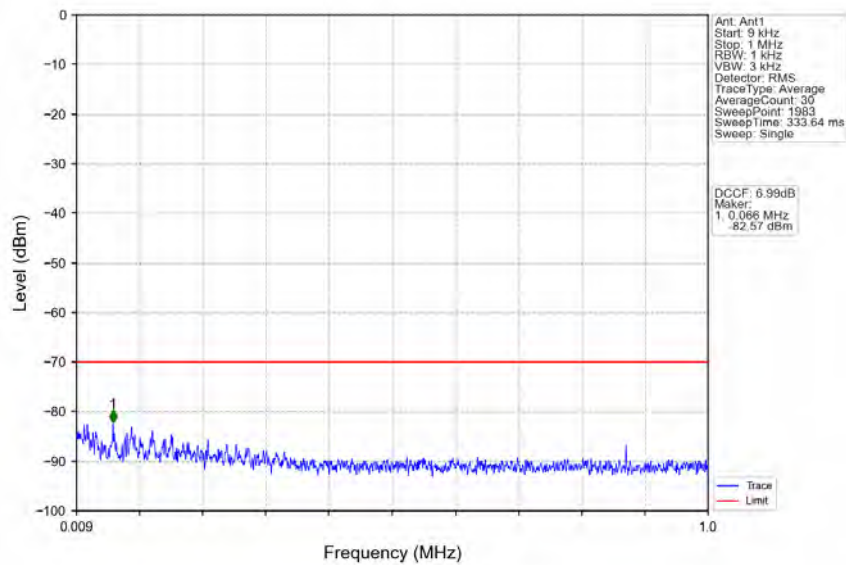
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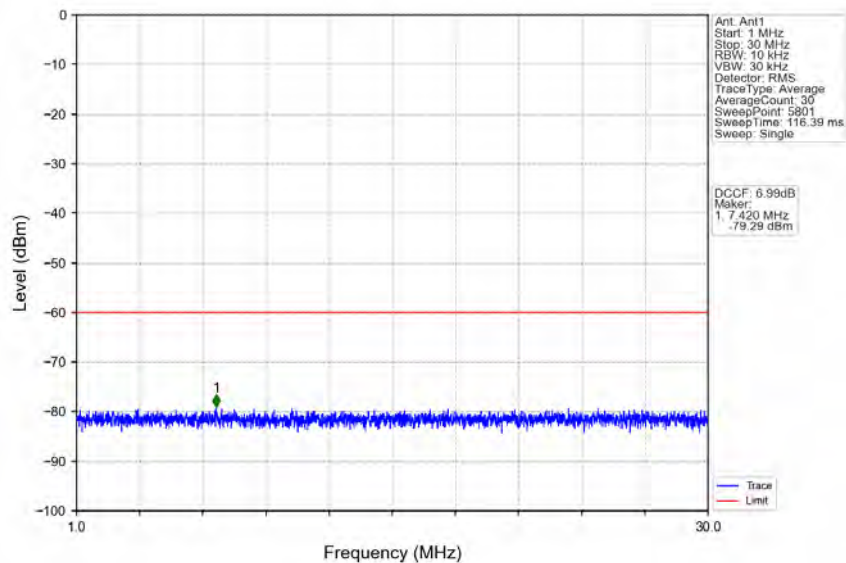
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n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Edge_1RB_Right



n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Edge_1RB_Right



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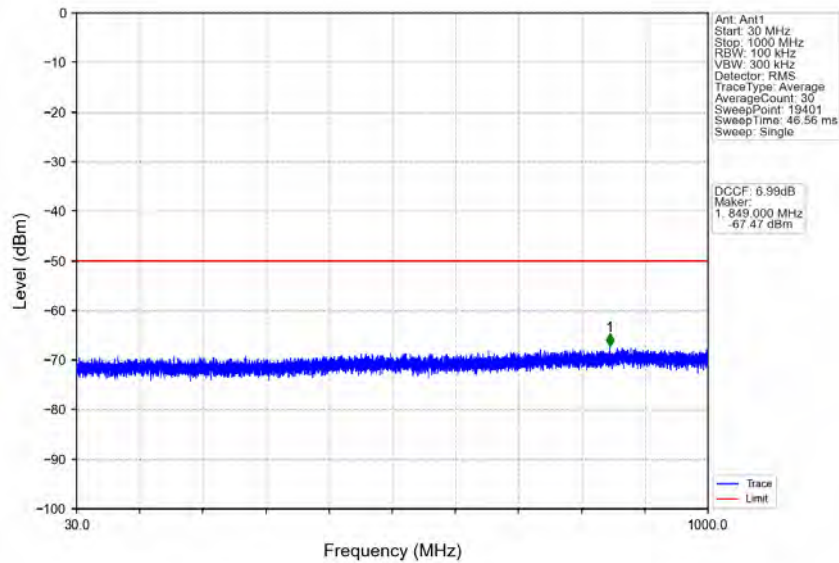
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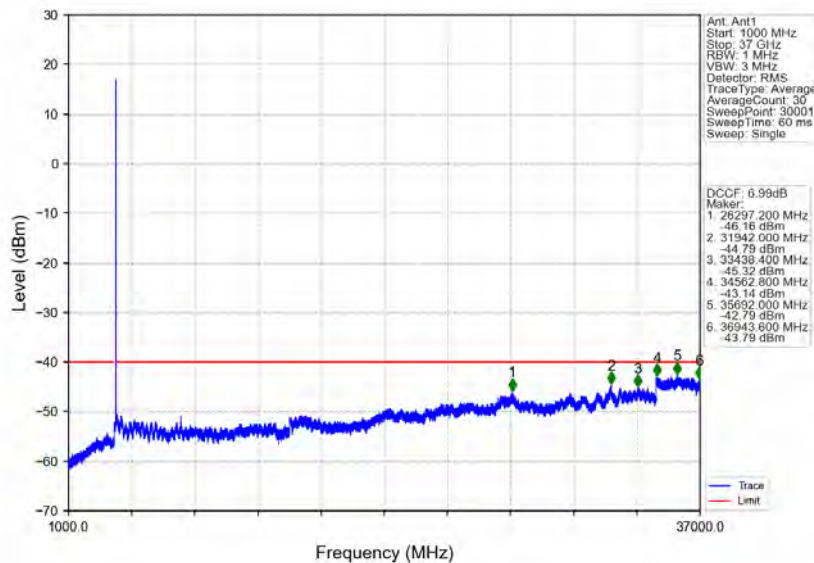
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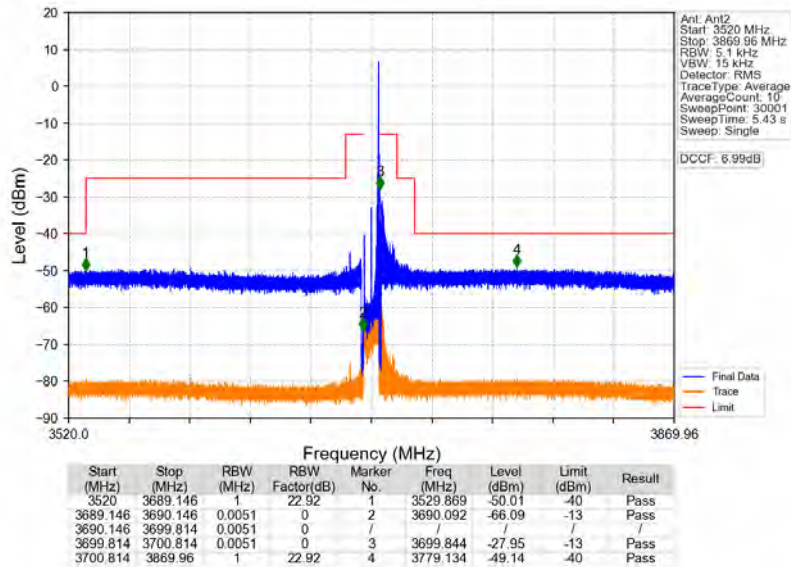
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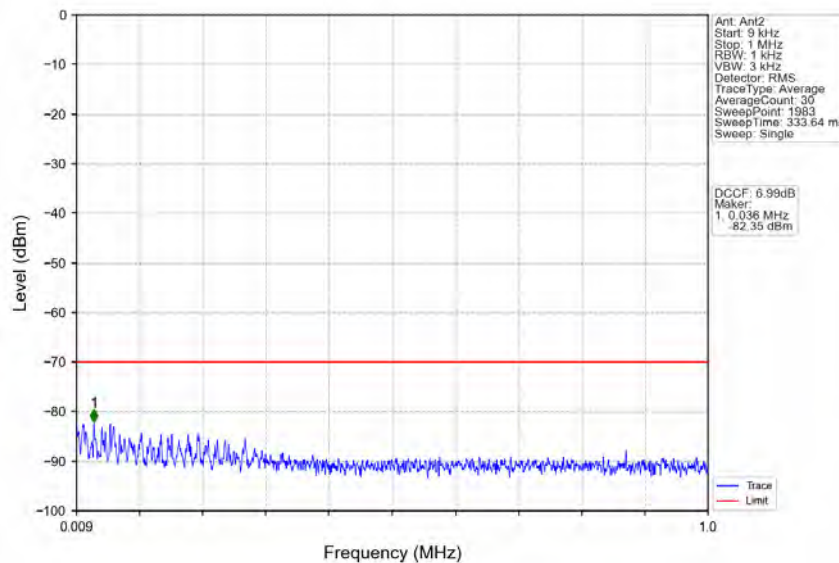
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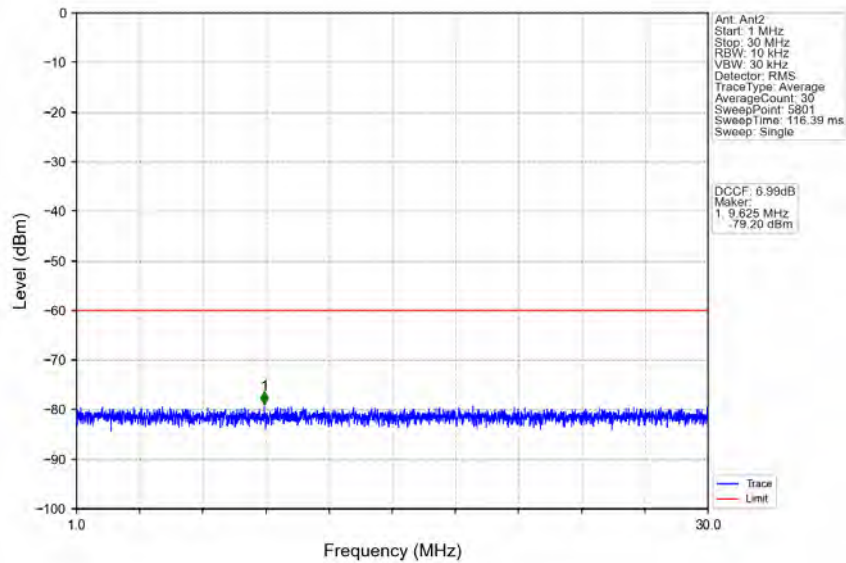
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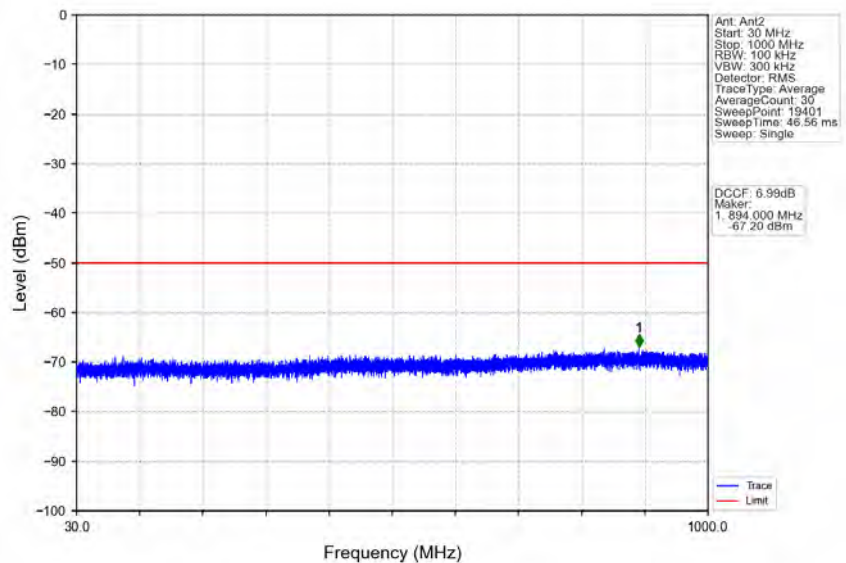
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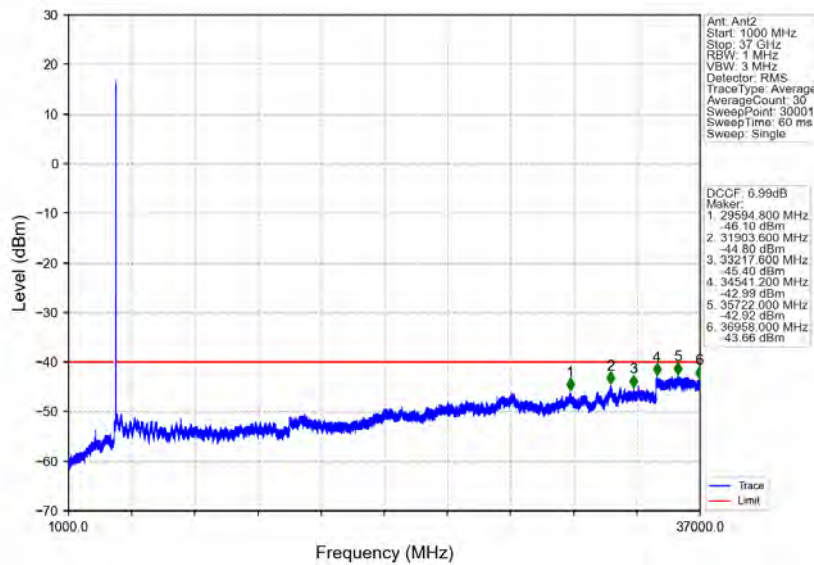
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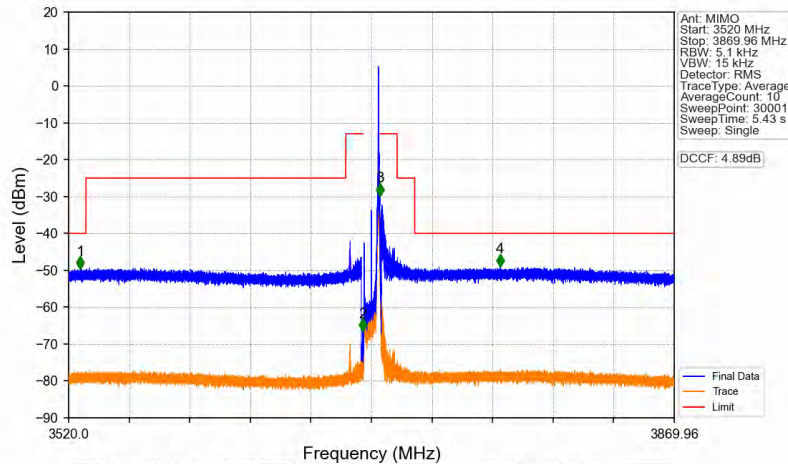
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n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM_QPSK_3694.98MHz_Edge_1RB_Right



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	3	3699.844	-29.76	-13	Pass
3700.814	3869.96	1	22.92	4	3769.323	-48.98	-40	Pass



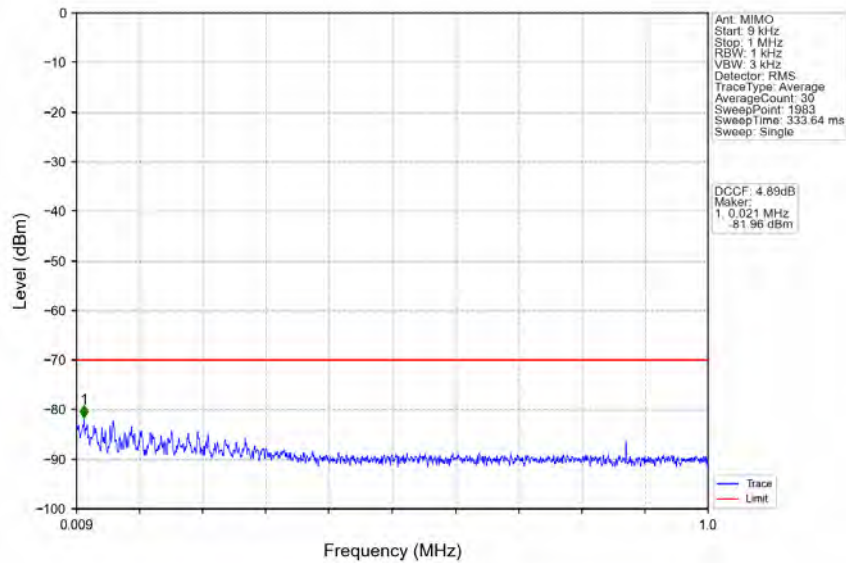
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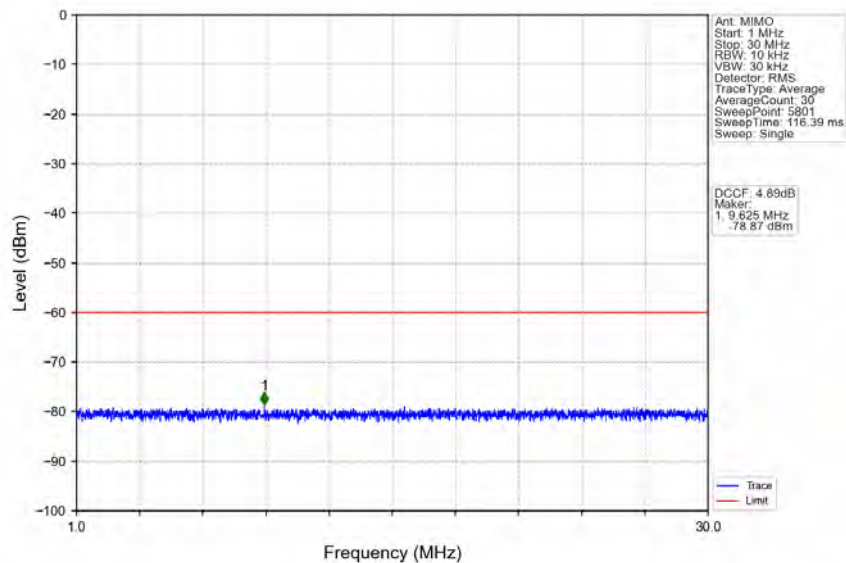
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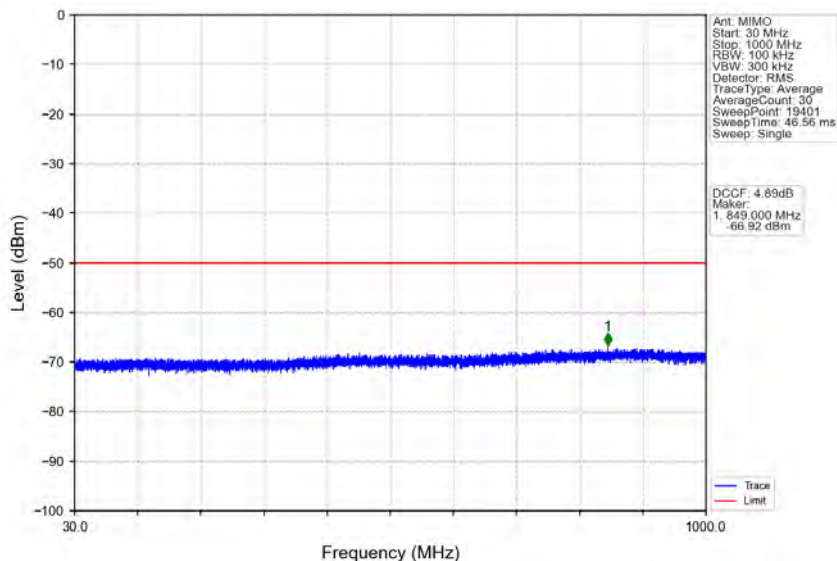
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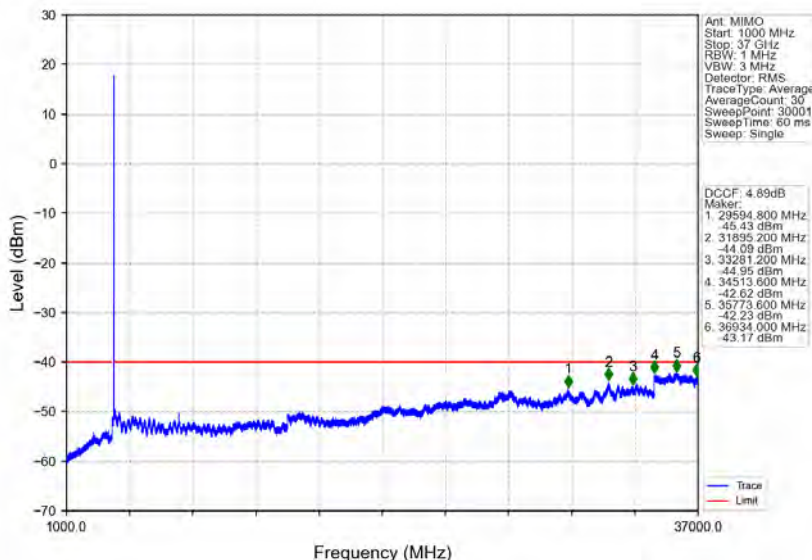
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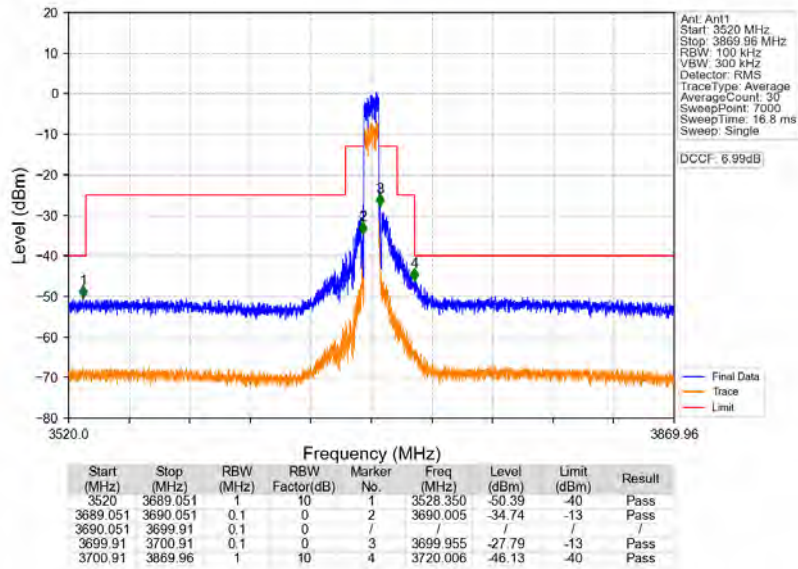
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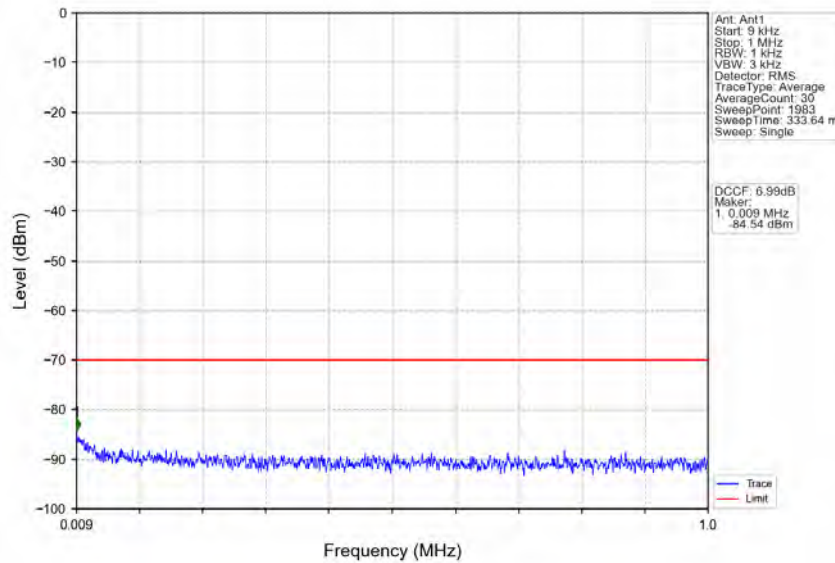
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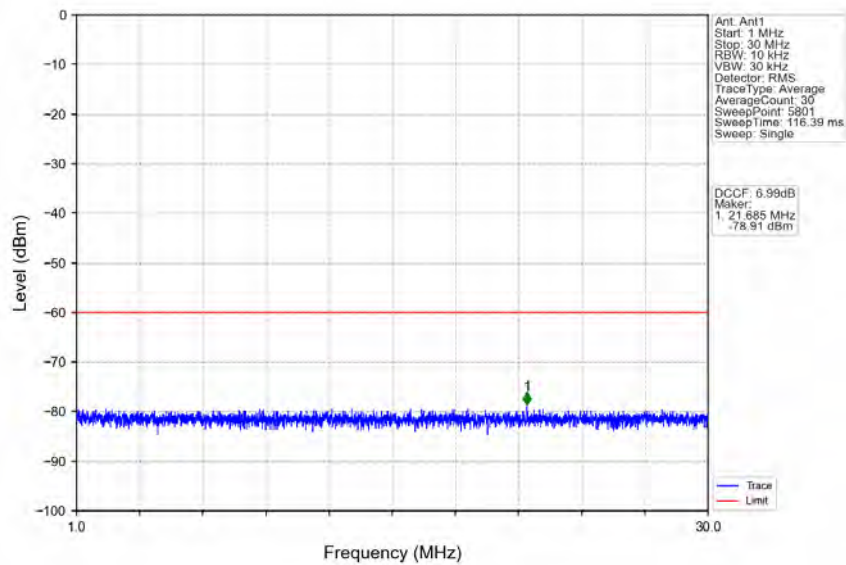
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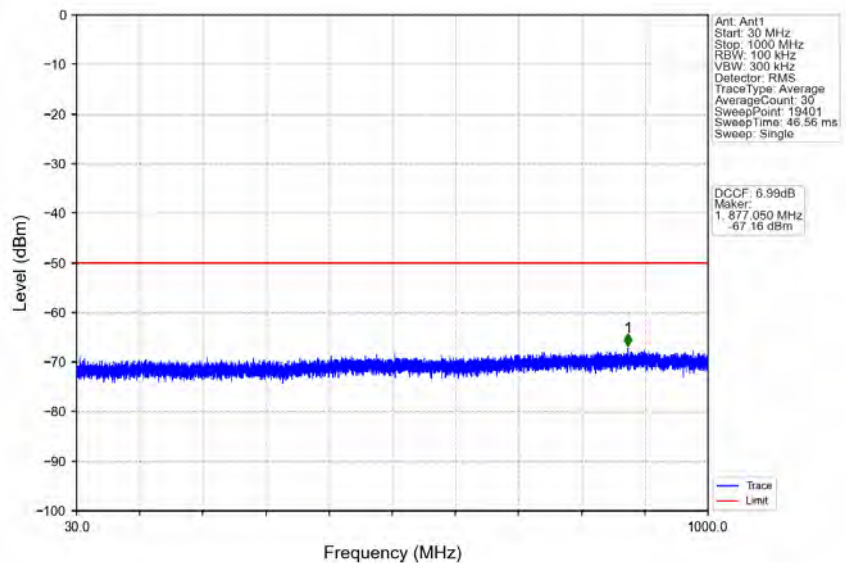


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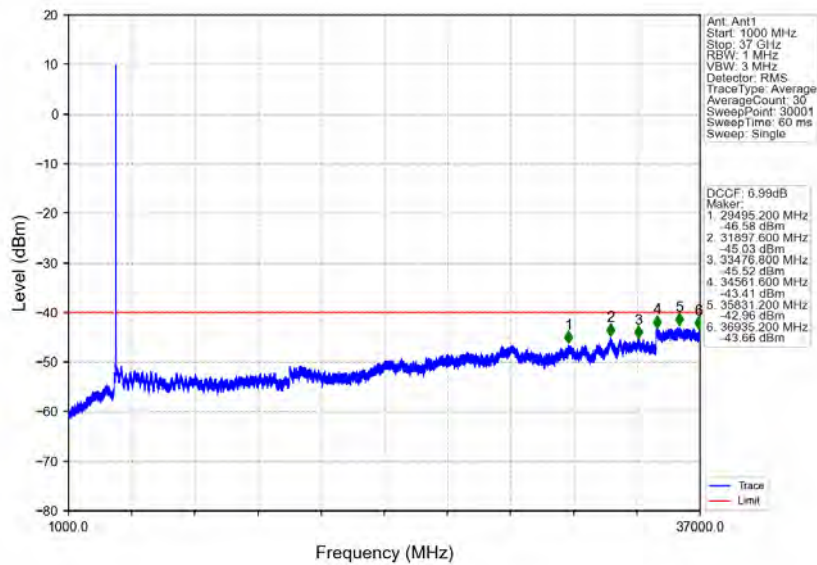
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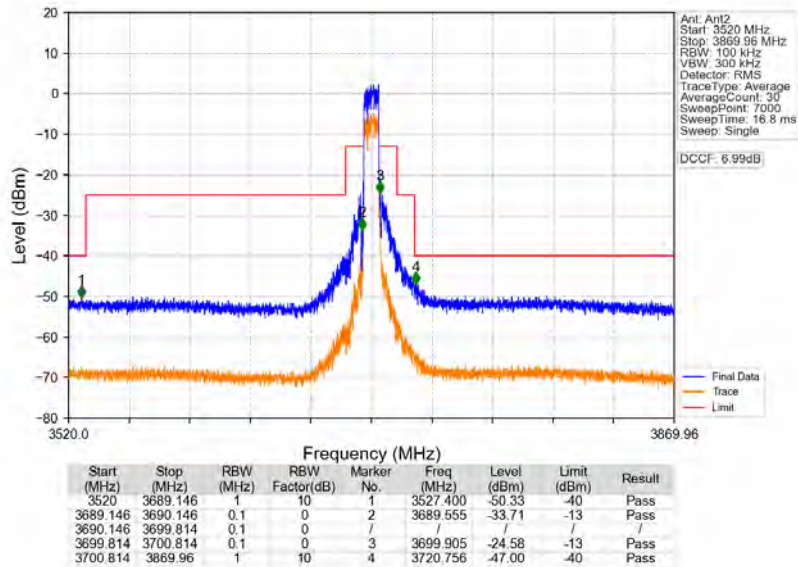
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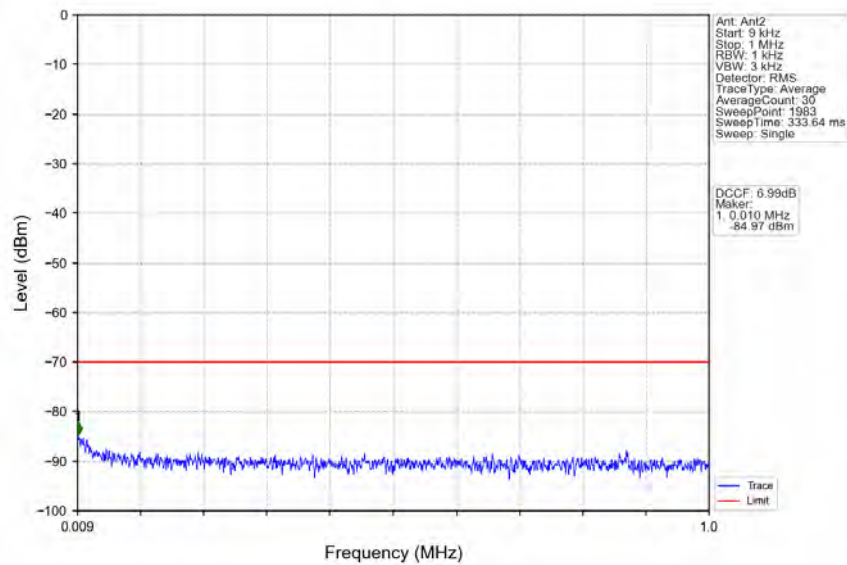
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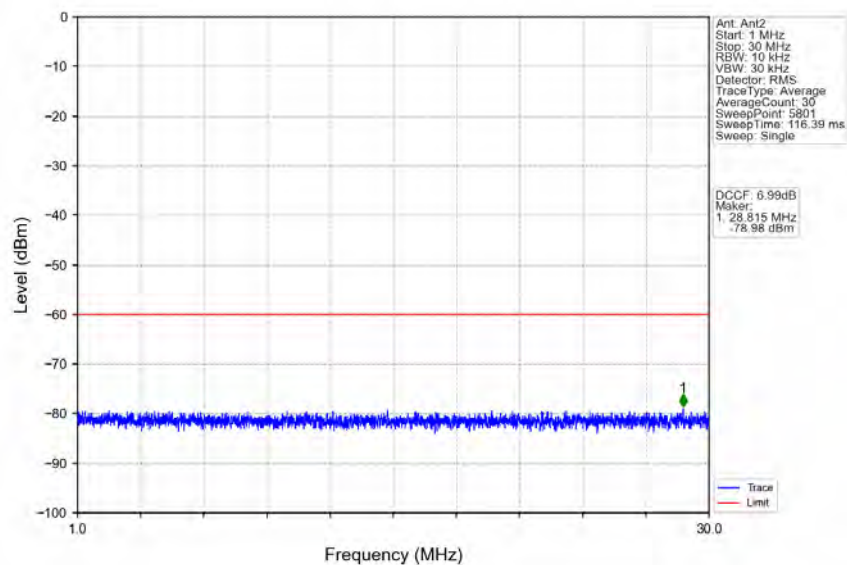
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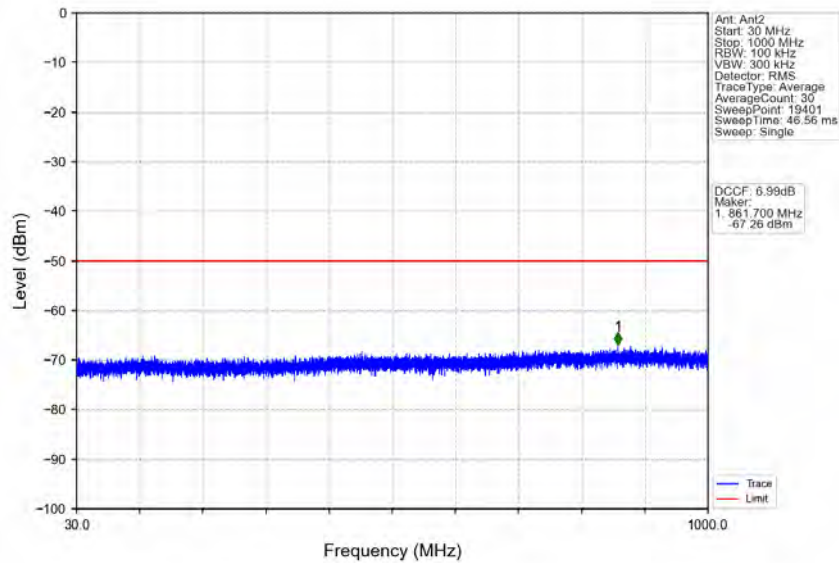
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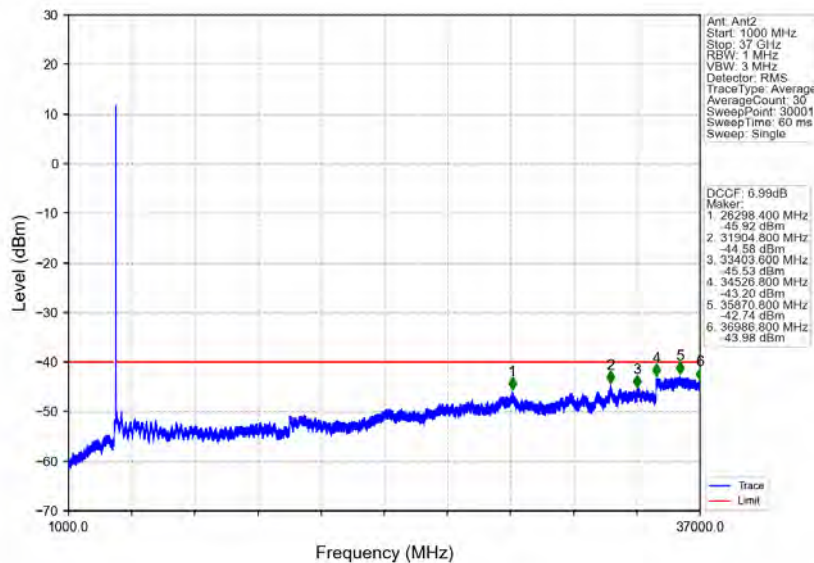
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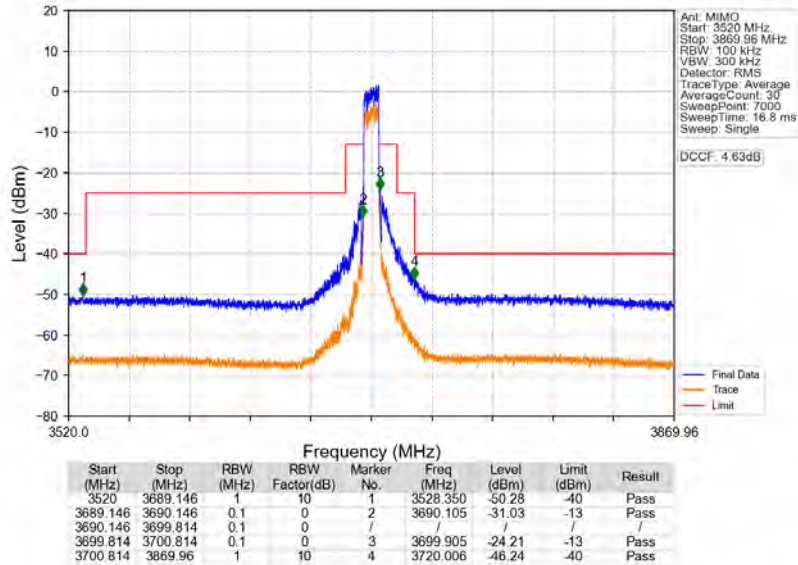
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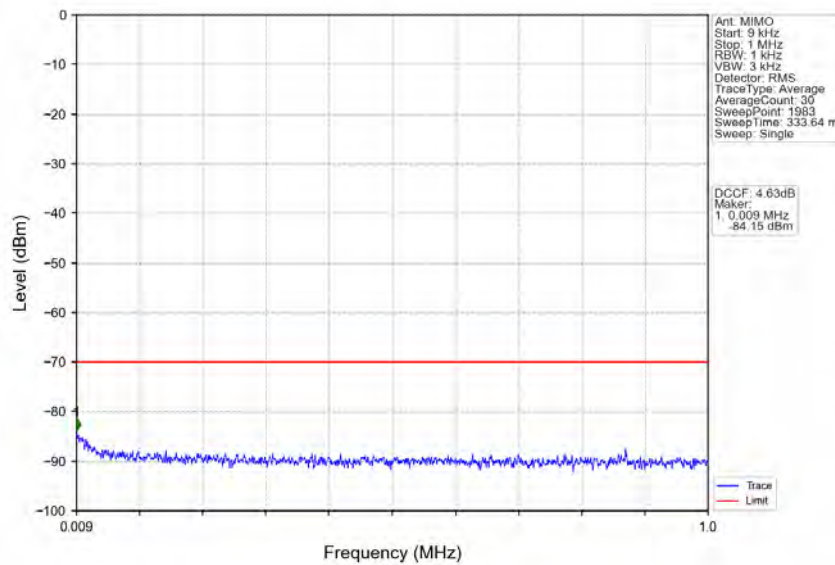
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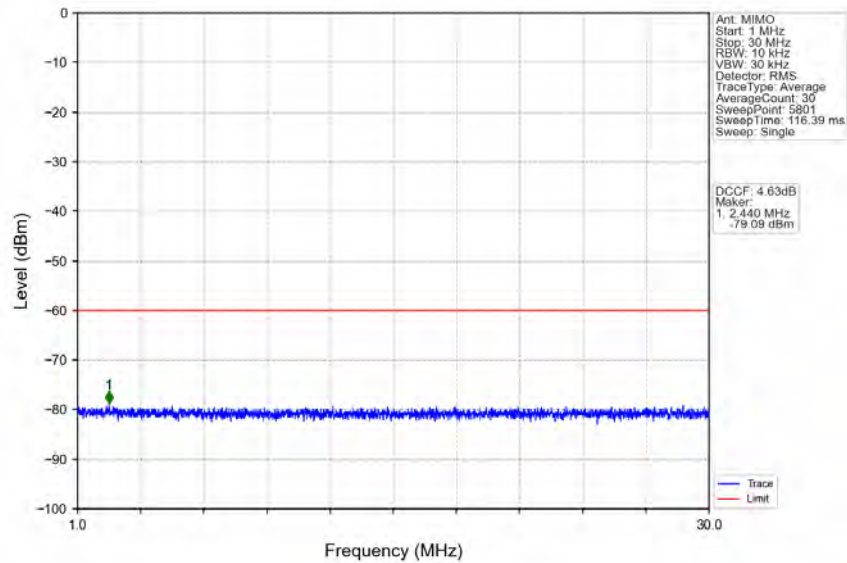
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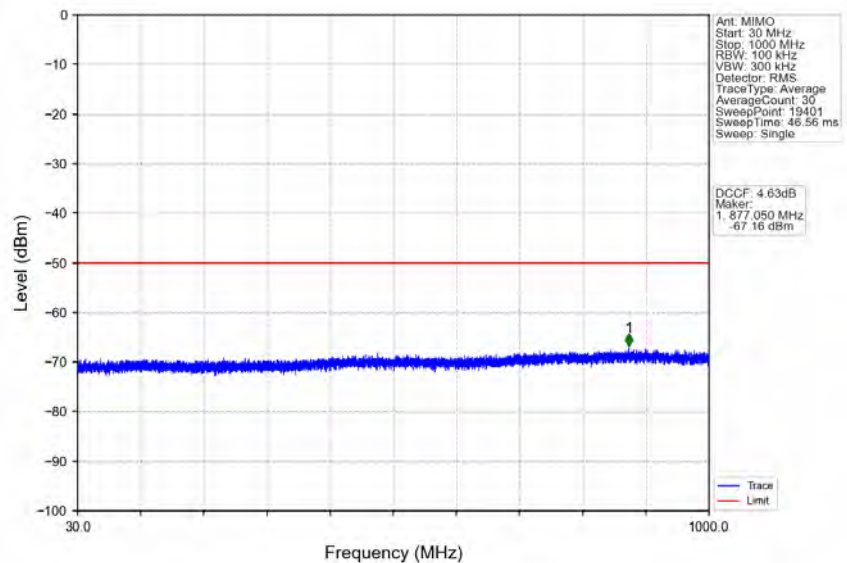
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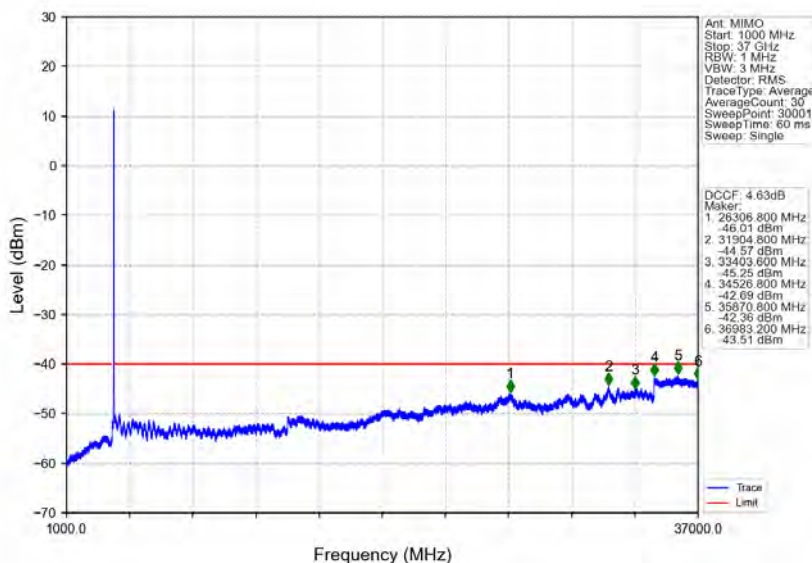
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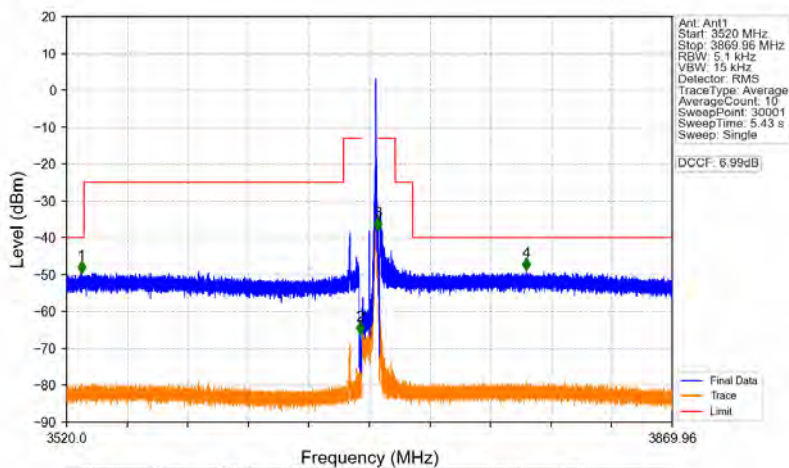
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n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Outer_Full



n78d_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3689.051	1	22.92	1	3528.609	-49.62	-40	Pass
3689.051	3690.051	0.0051	0	2	3689.696	-66.12	-13	Pass
3690.051	3699.91	0.0051	0	3	3699.984	-37.95	-13	Pass
3699.91	3700.91	0.0051	0	4	3785.736	-48.86	-40	Pass



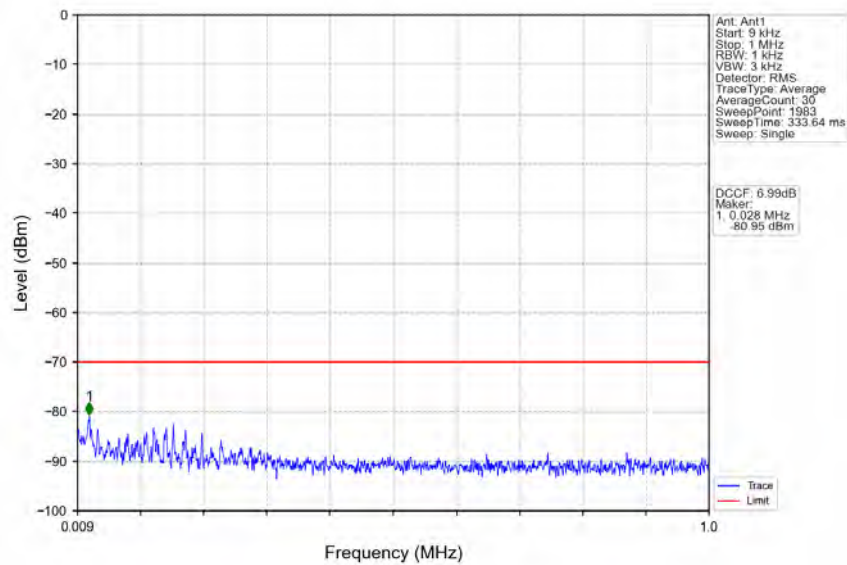
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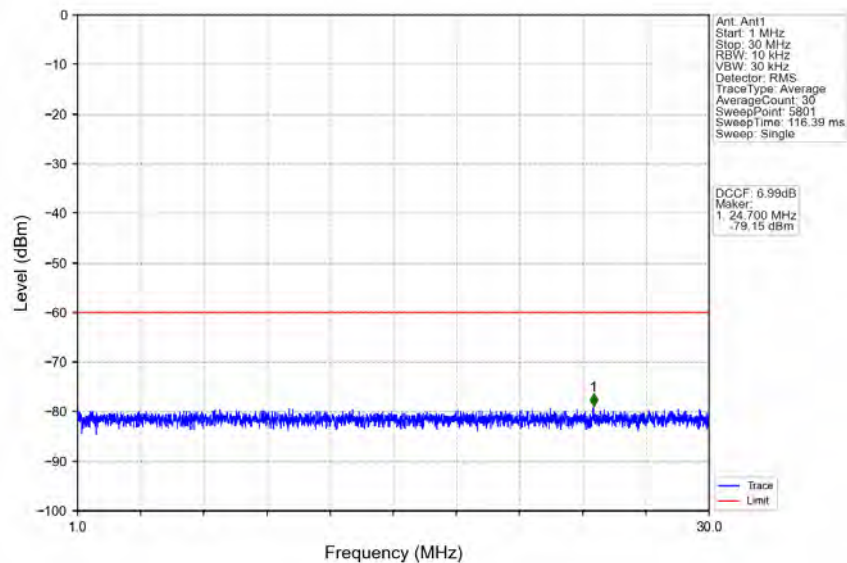
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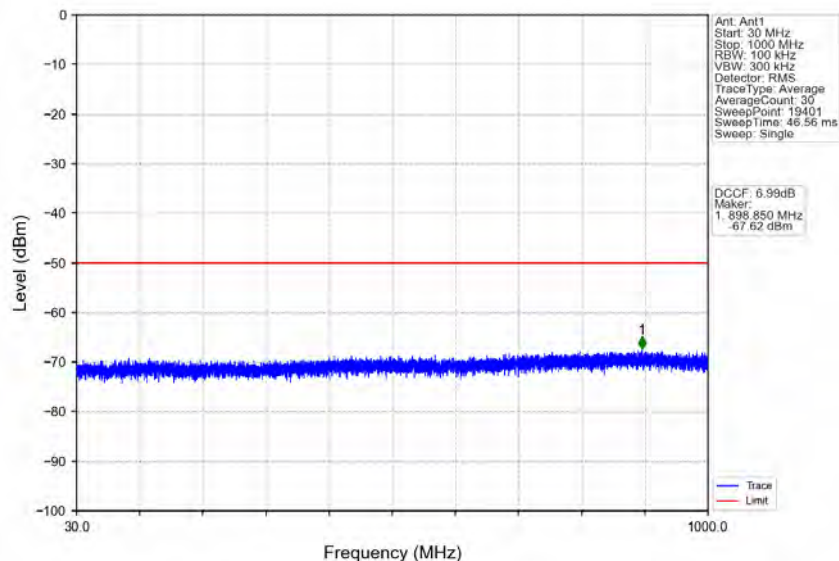
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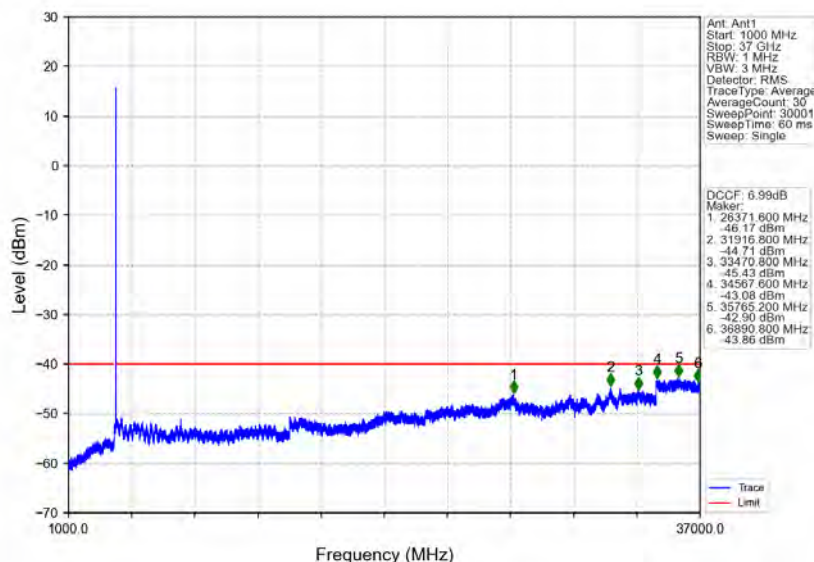
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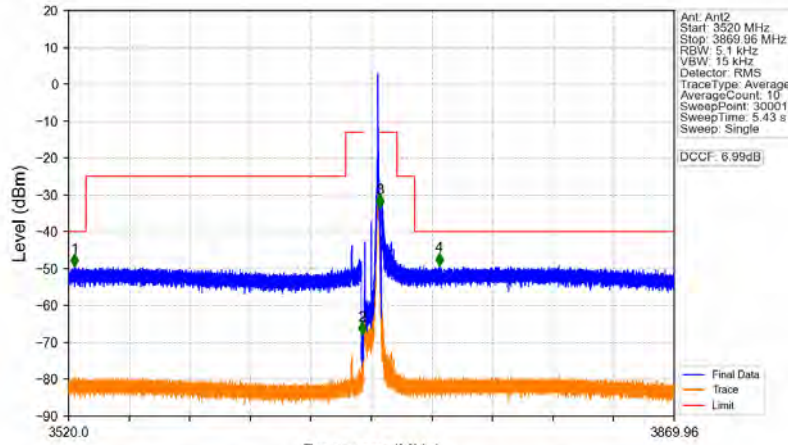
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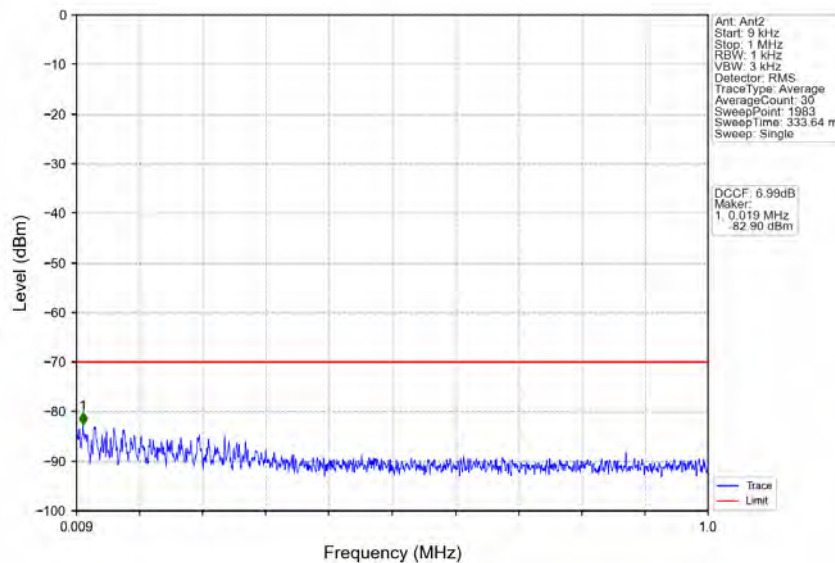
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3689.146	1	22.92	1	3523.383	-49.44	-40	Pass
3689.146	3690.146	0.0051	0	2	3689.789	-67.90	-13	Pass
3690.146	3699.814	0.0051	0	/	/	/	/	/
3699.814	3700.814	0.0051	0	3	3699.903	-33.36	-13	Pass
3700.814	3869.96	1	22.92	4	3734.199	-49.17	-40	Pass

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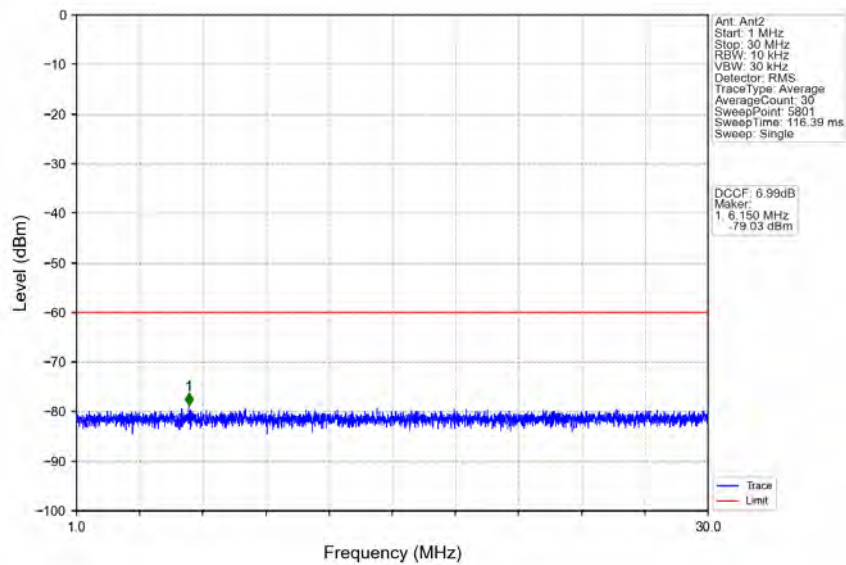
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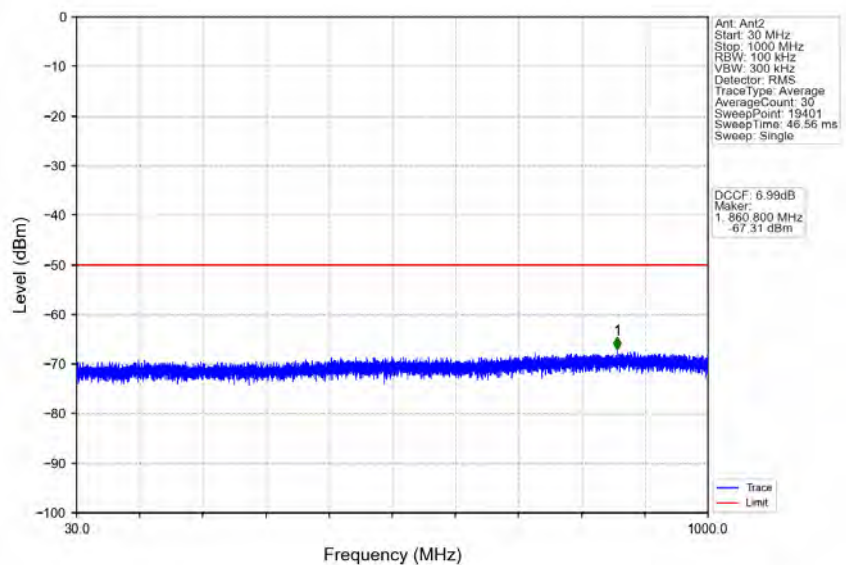


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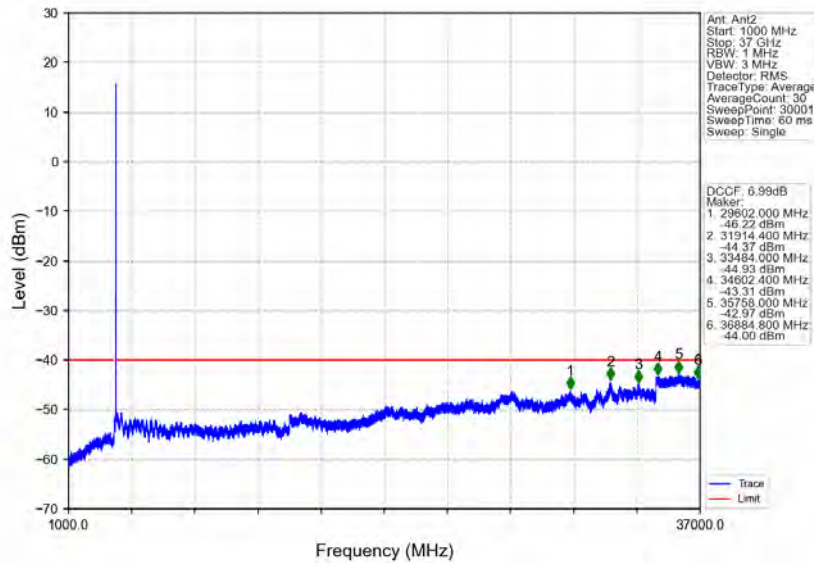
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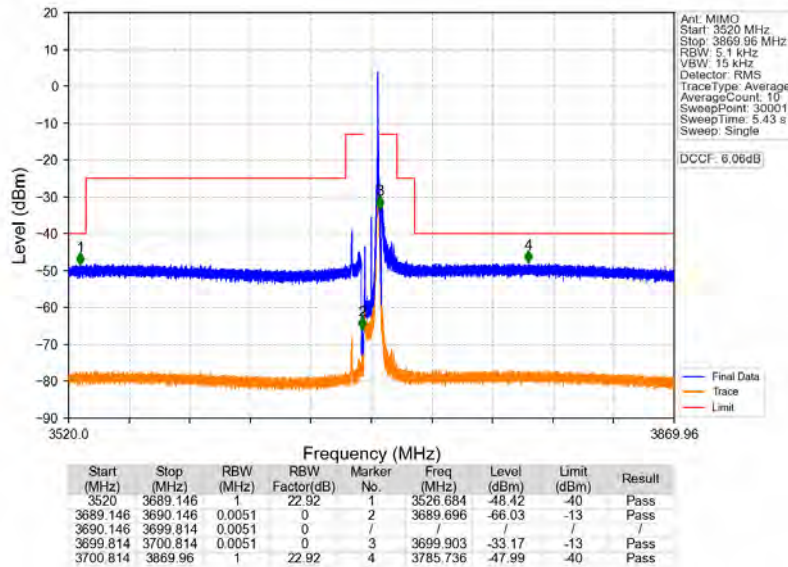
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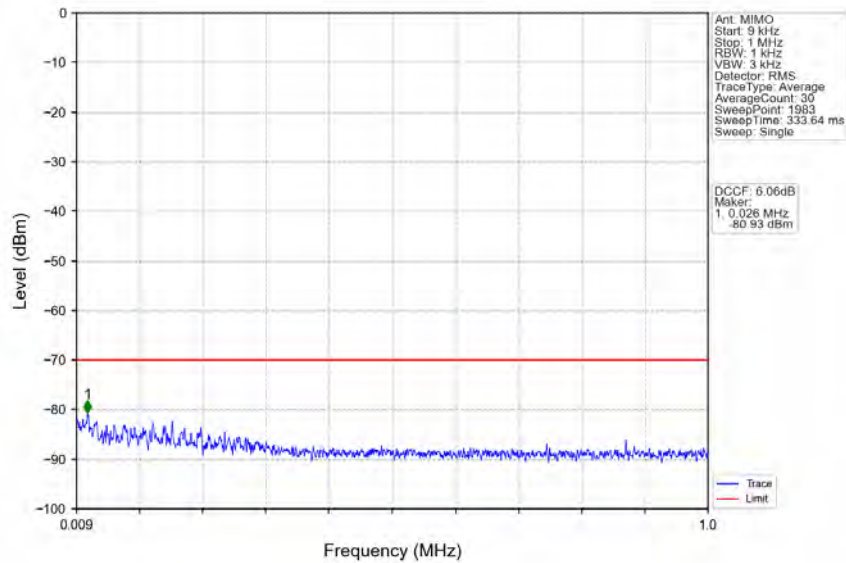
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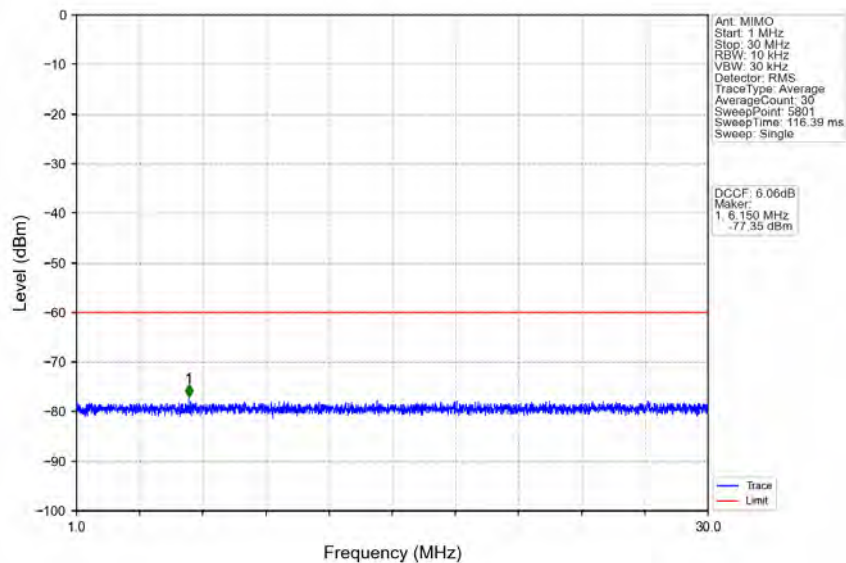
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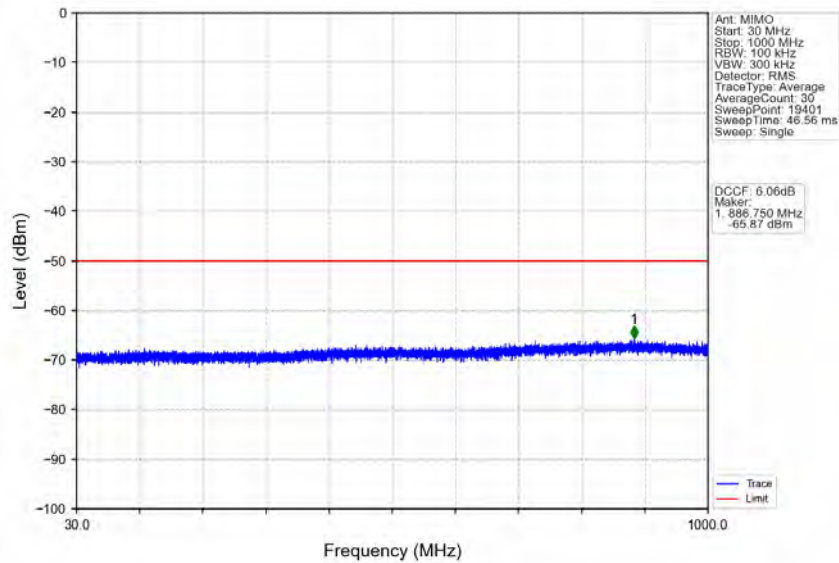
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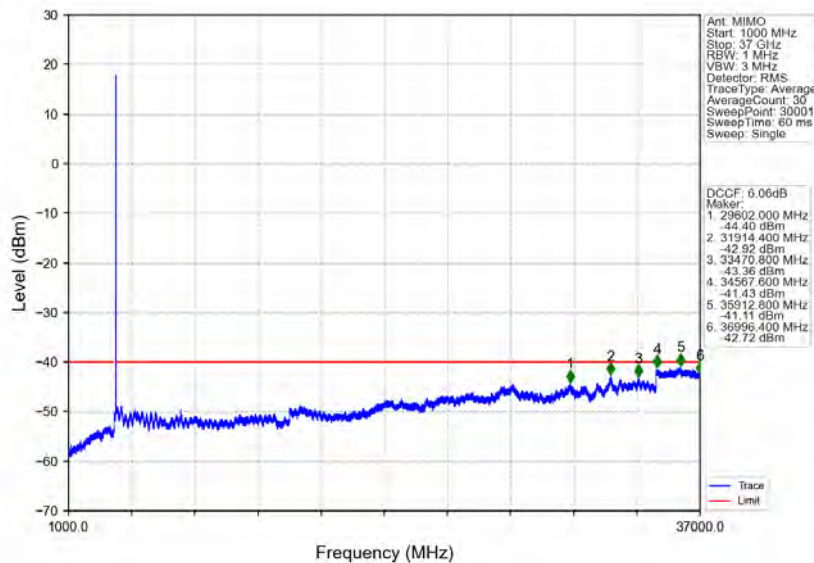
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6.2 30k_MIMO_15MHz_NTNV

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
		Outer_Full	Refer To Test Graph				Pass
			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	
		Refer To Test Graph				Pass	
	3692.49	Edge_1RB_Right	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			
Refer To Test Graph				Pass			
Inner_1RB_Right	Refer To Test Graph				Pass		
	Refer To Test Graph				Pass		

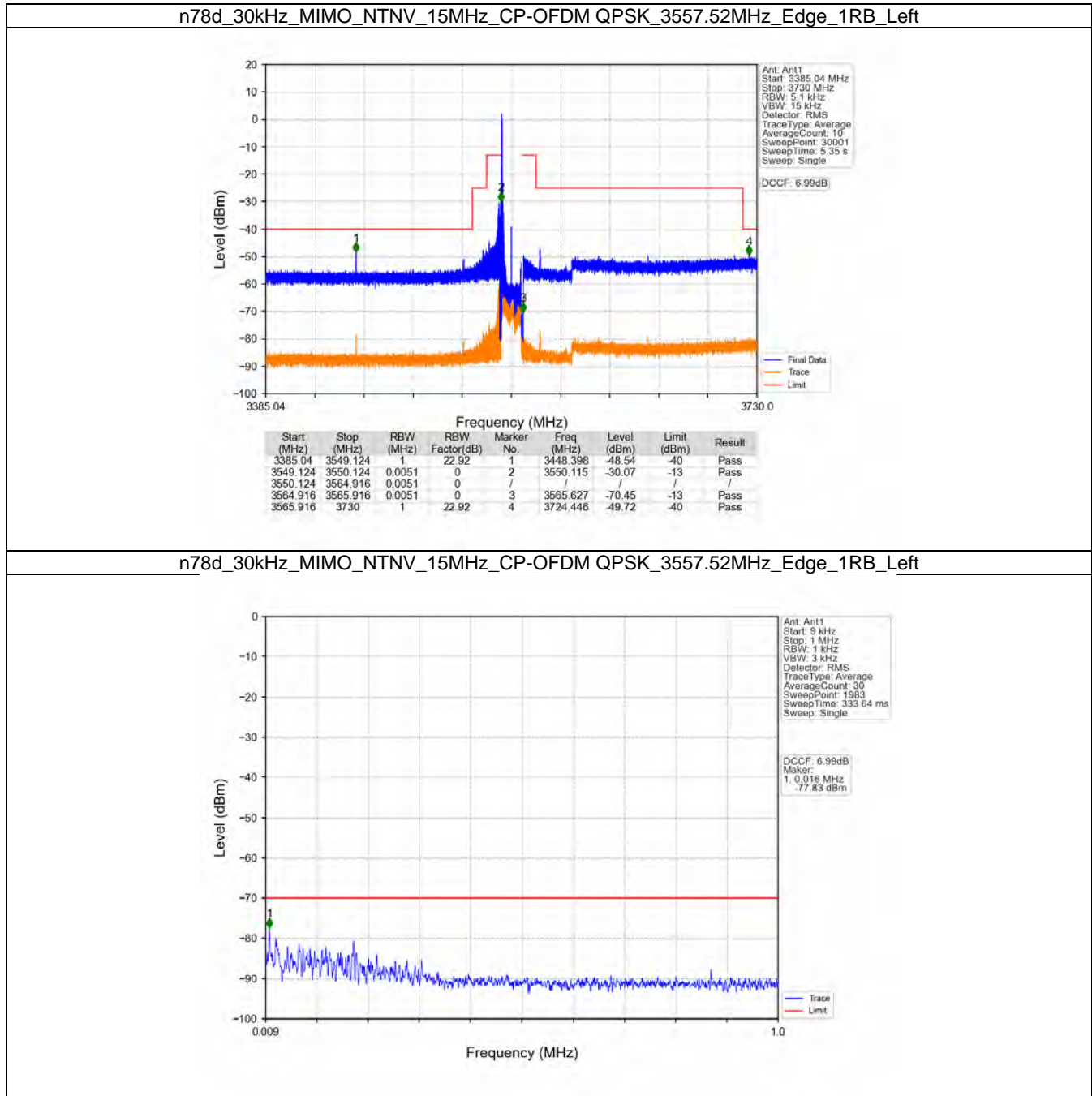


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6.2.2 Test Graph



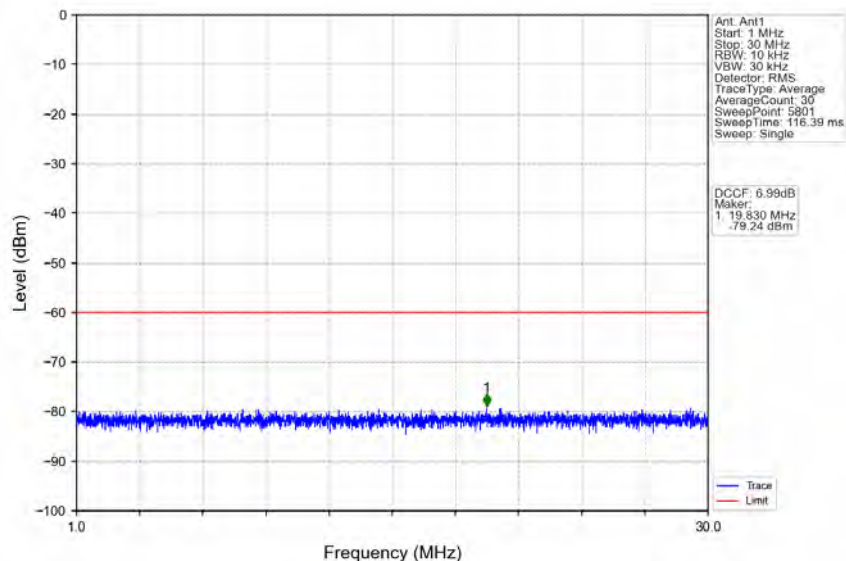
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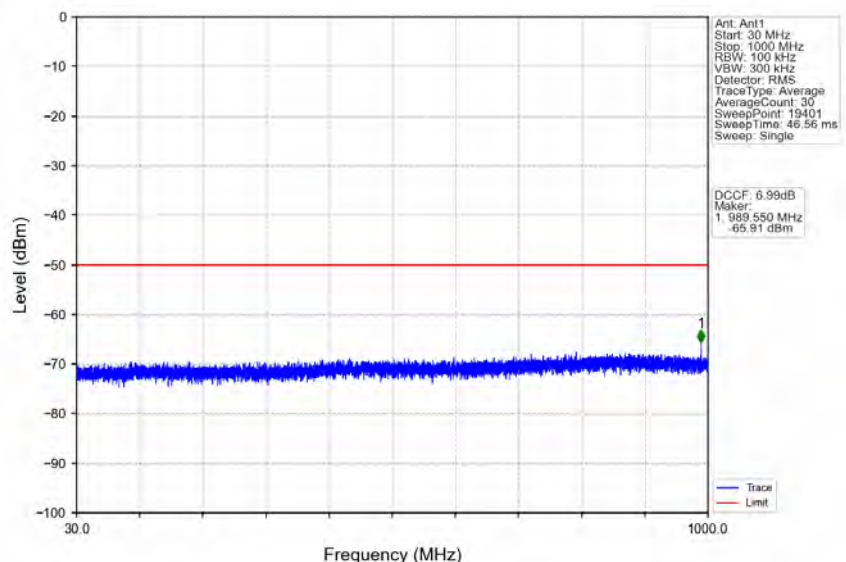
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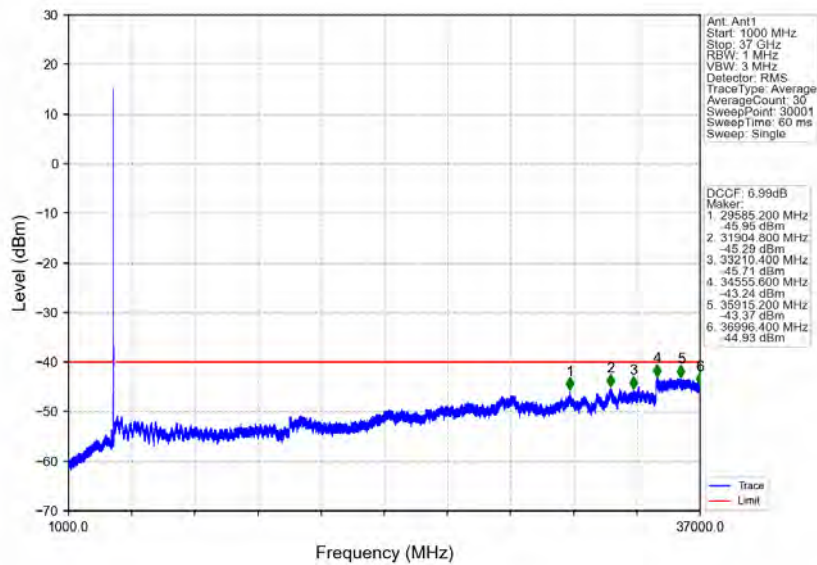
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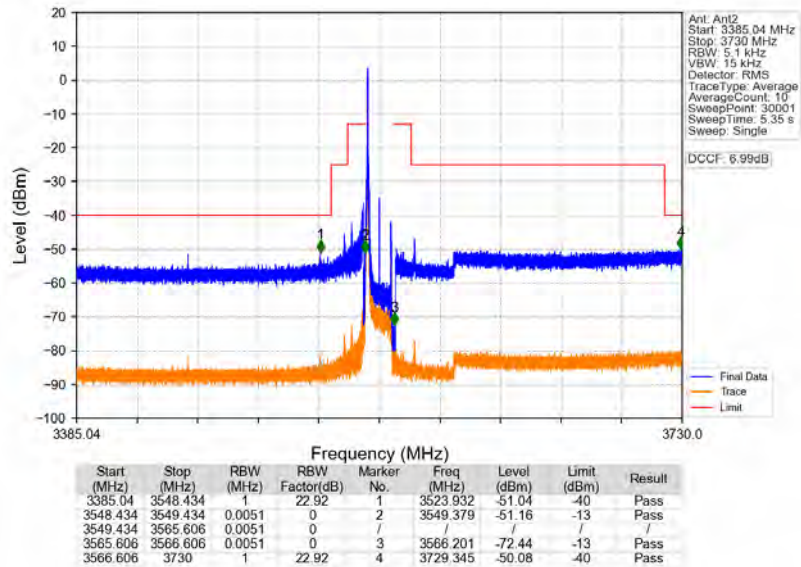
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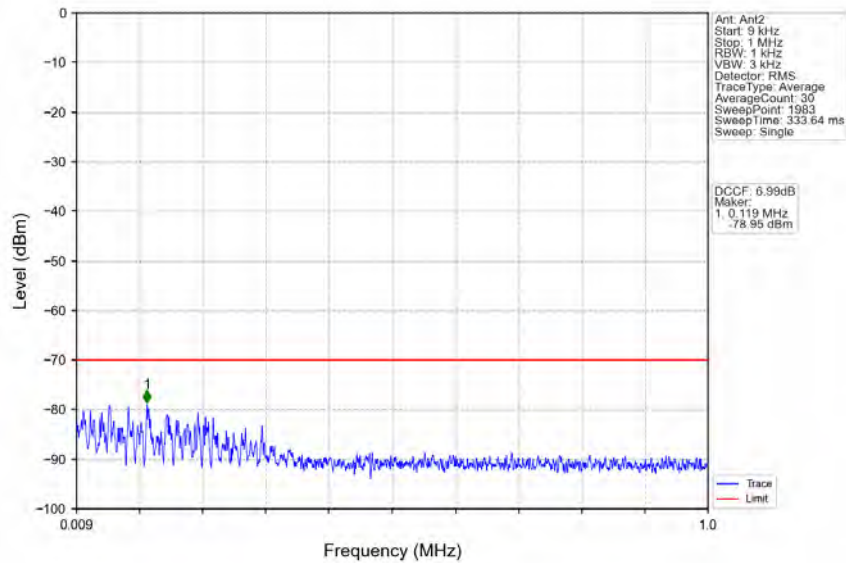
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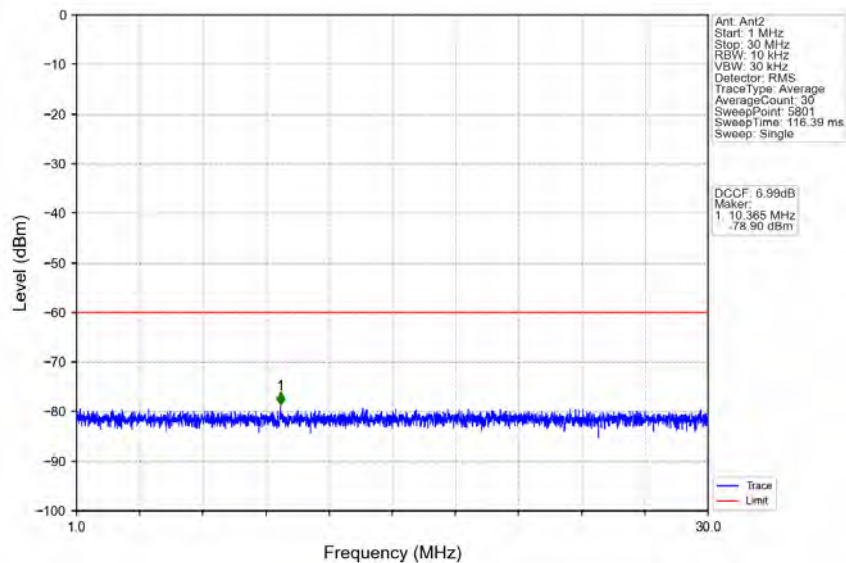
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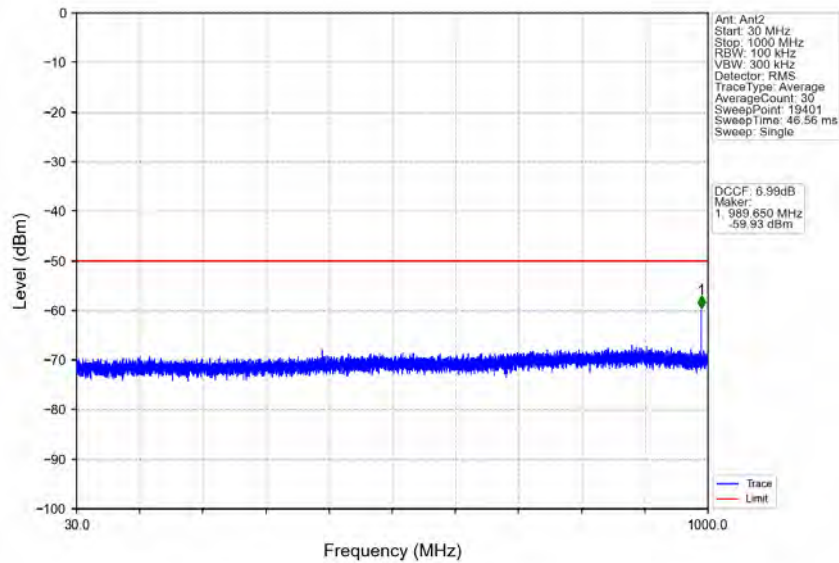
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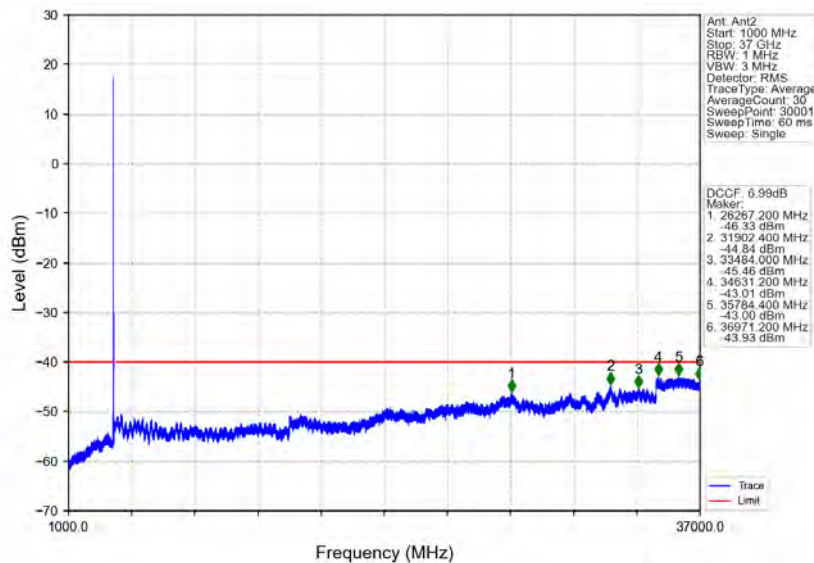
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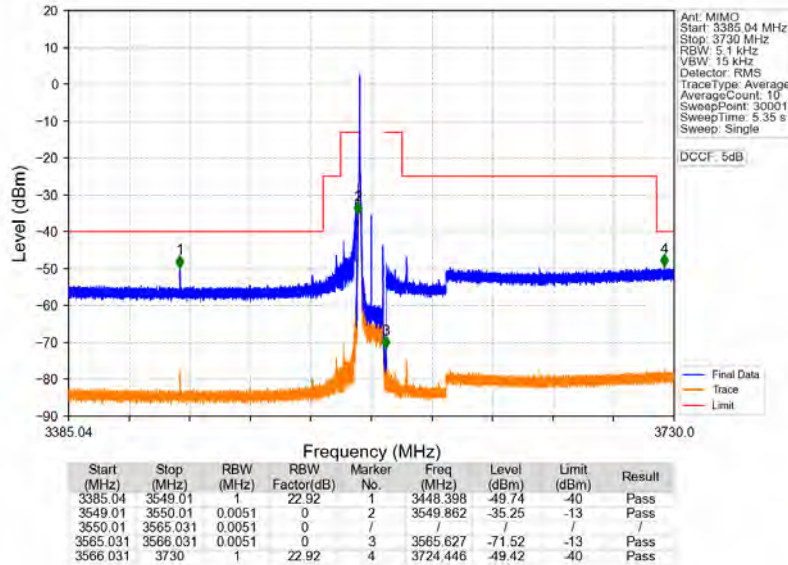
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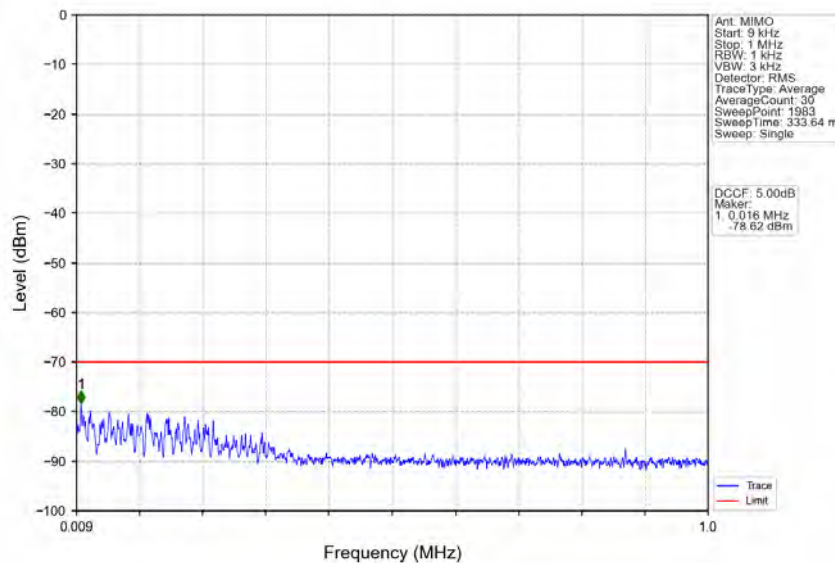
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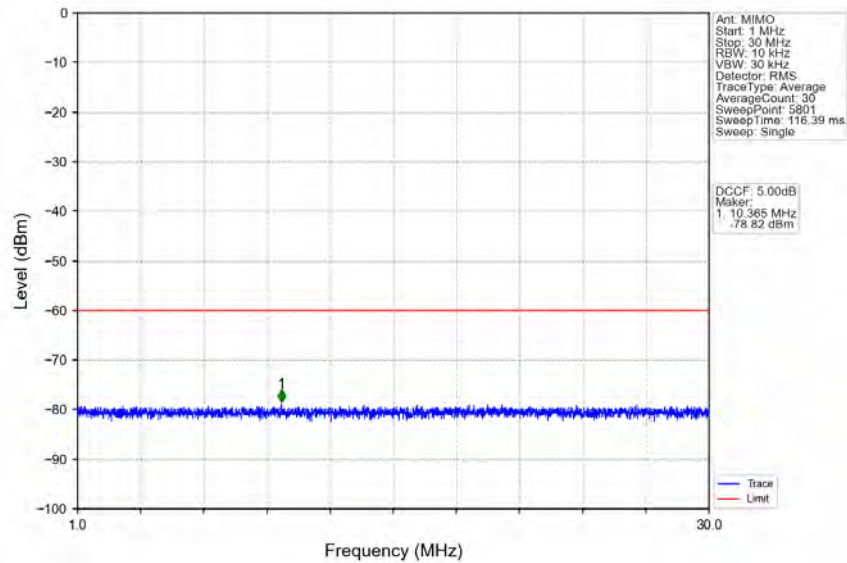
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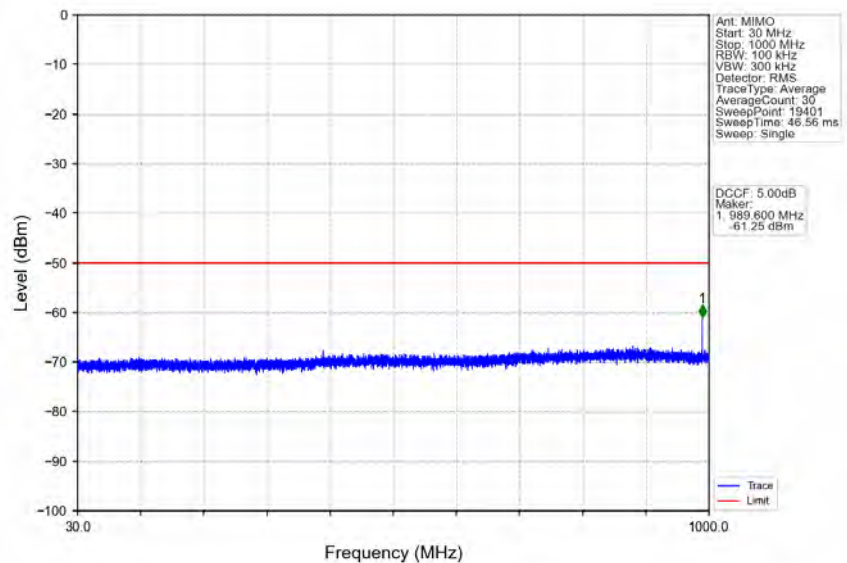
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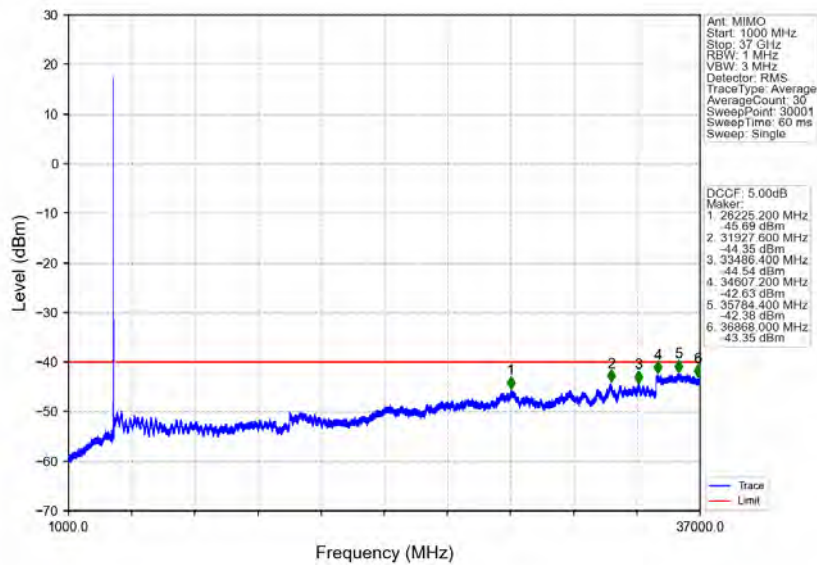
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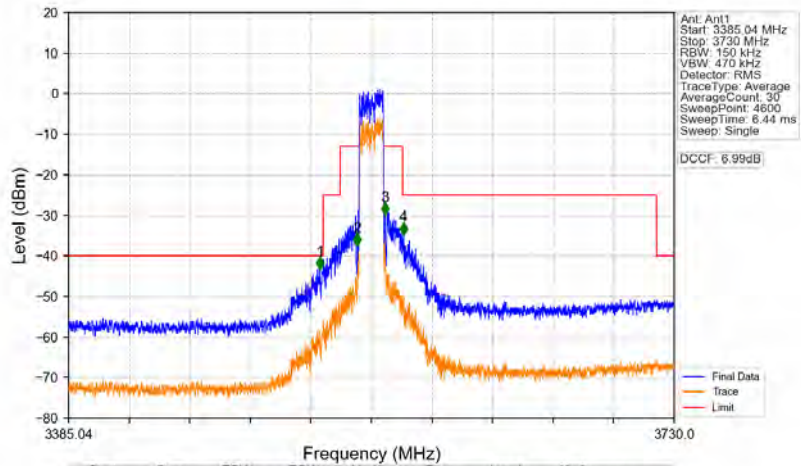
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3385.04	3548.775	1	8.24	1	3528.230	-43.30	-40	Pass
3548.775	3549.775	0.155	0.14	2	3549.532	-37.52	-13	Pass
3549.775	3565.266	0.155	0.14	3	3565.283	-29.97	-13	Pass
3565.266	3566.266	0.155	0.14	4	3575.859	-34.77	-25	Pass

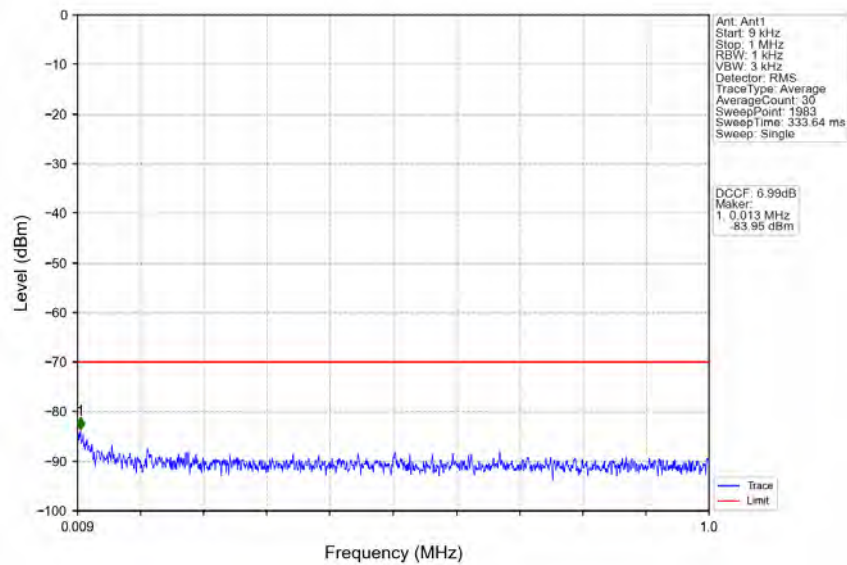


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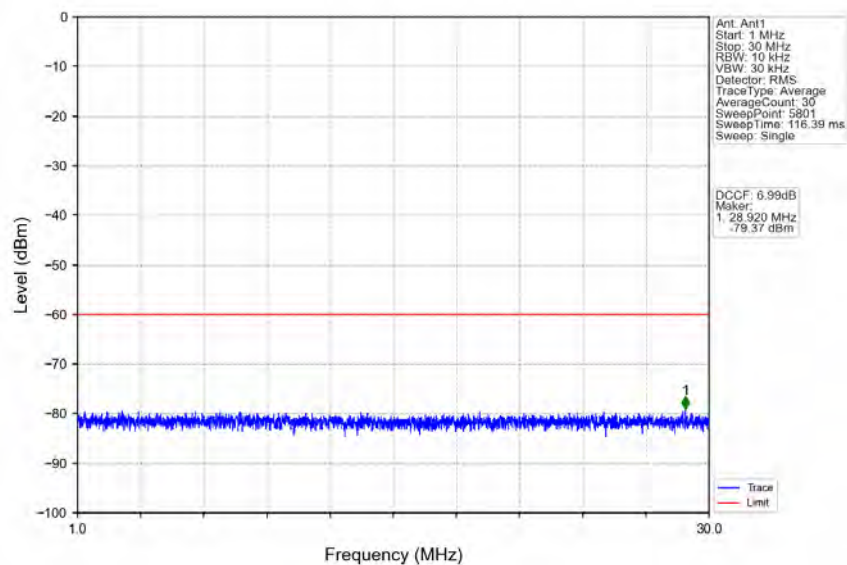
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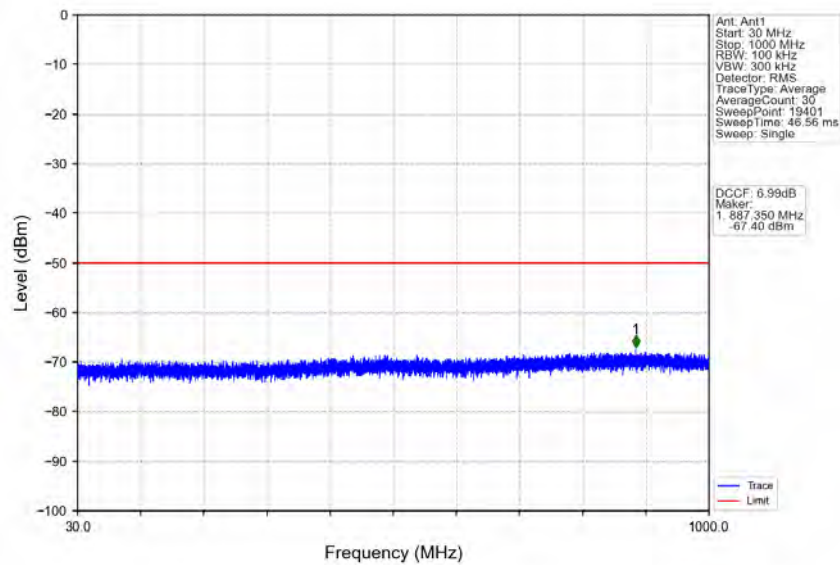
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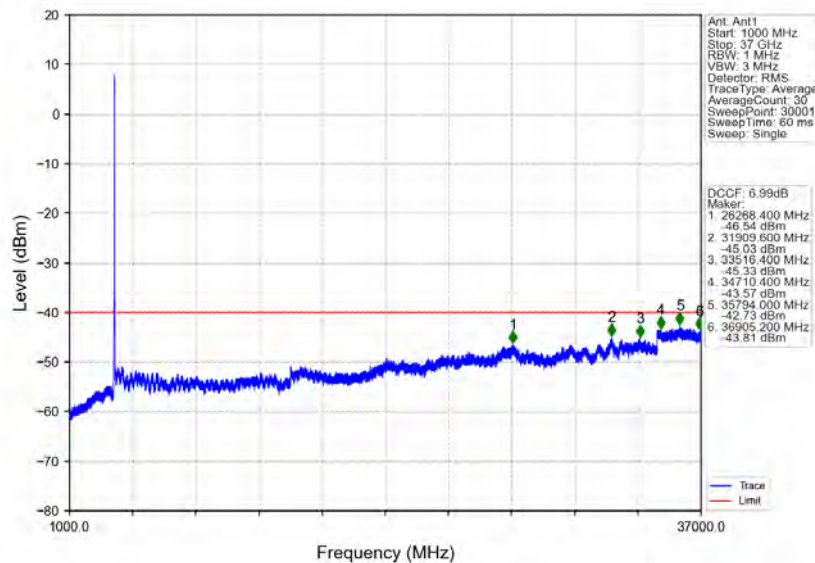
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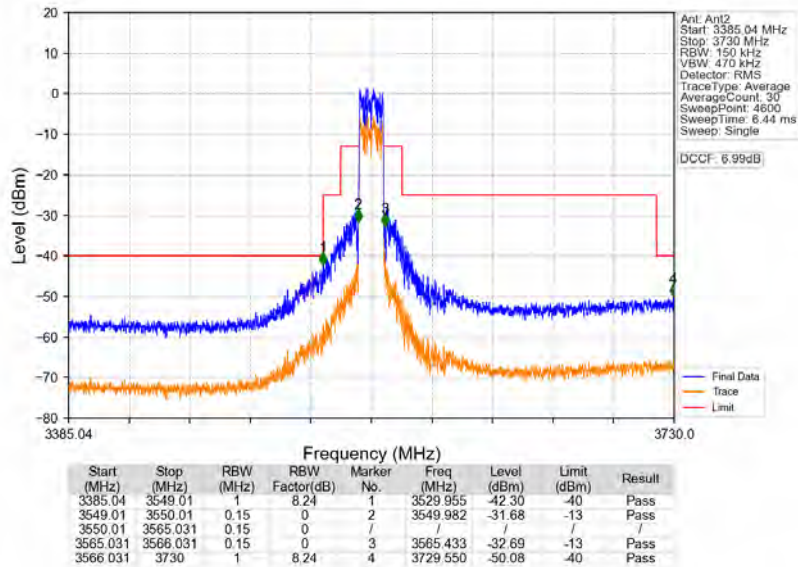
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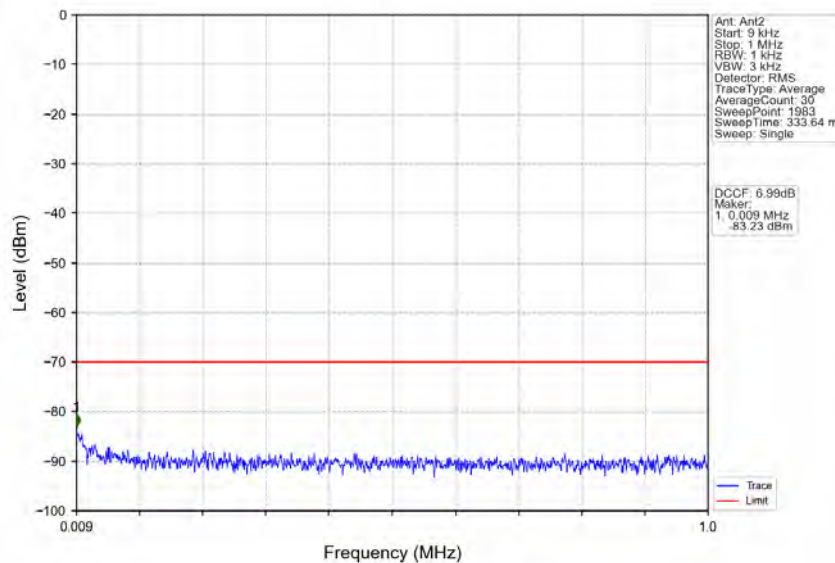
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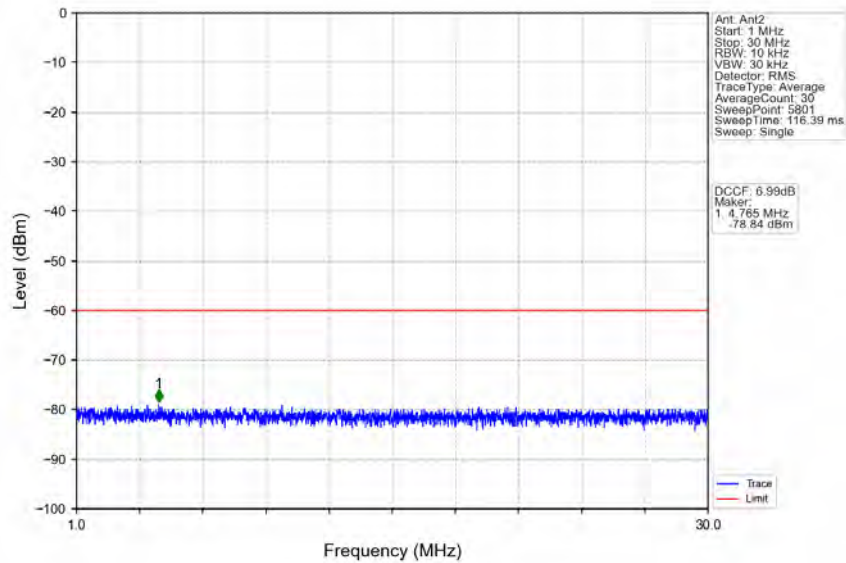
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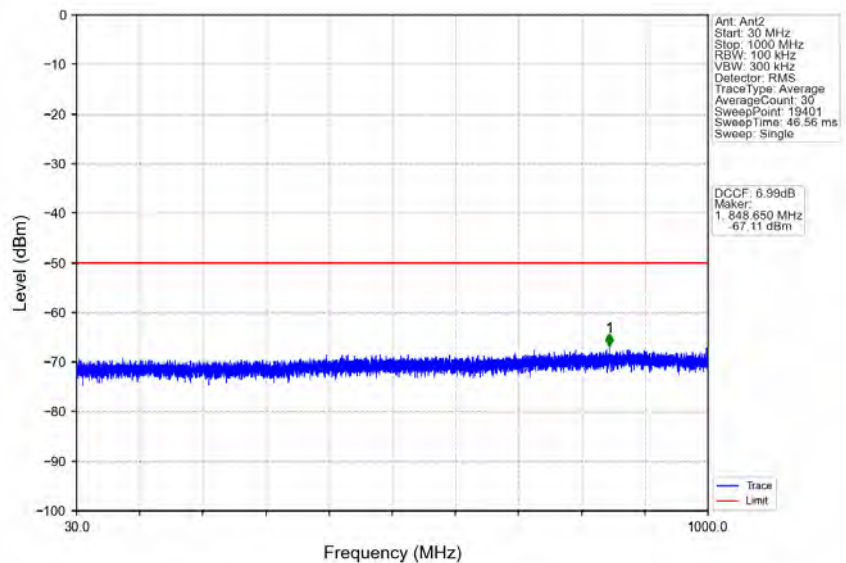
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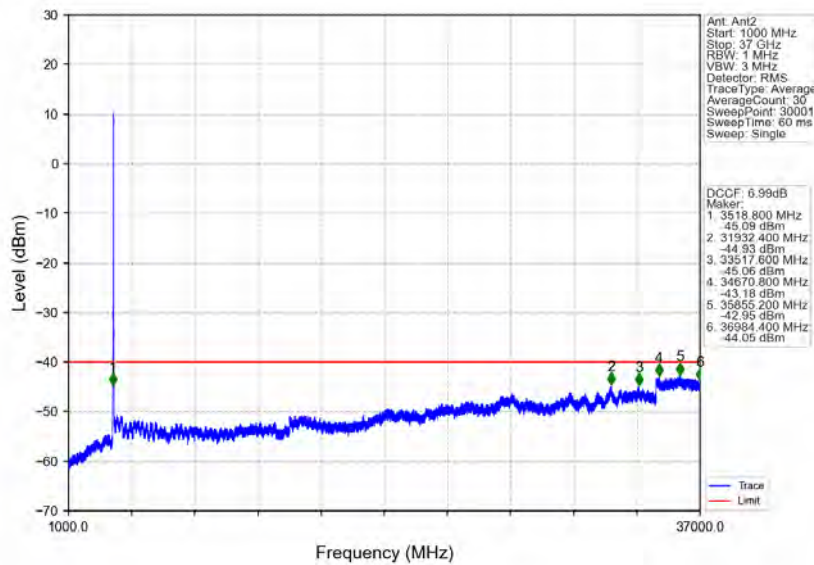
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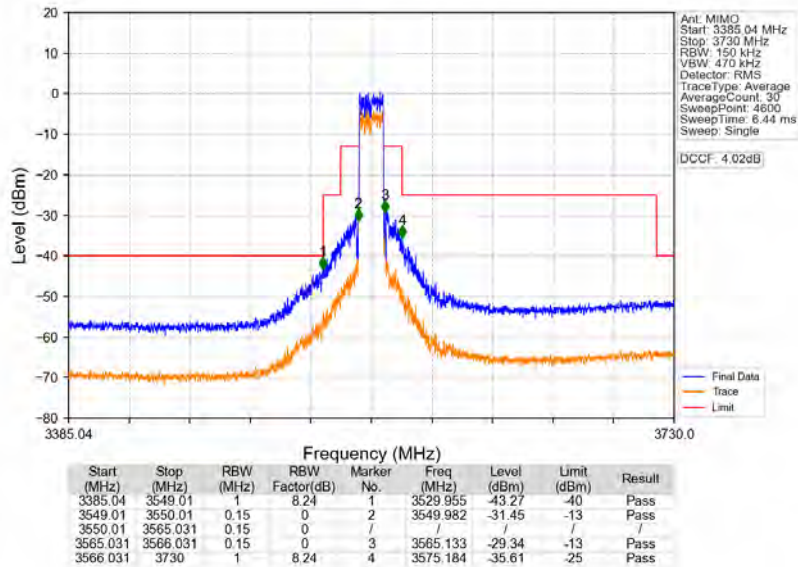
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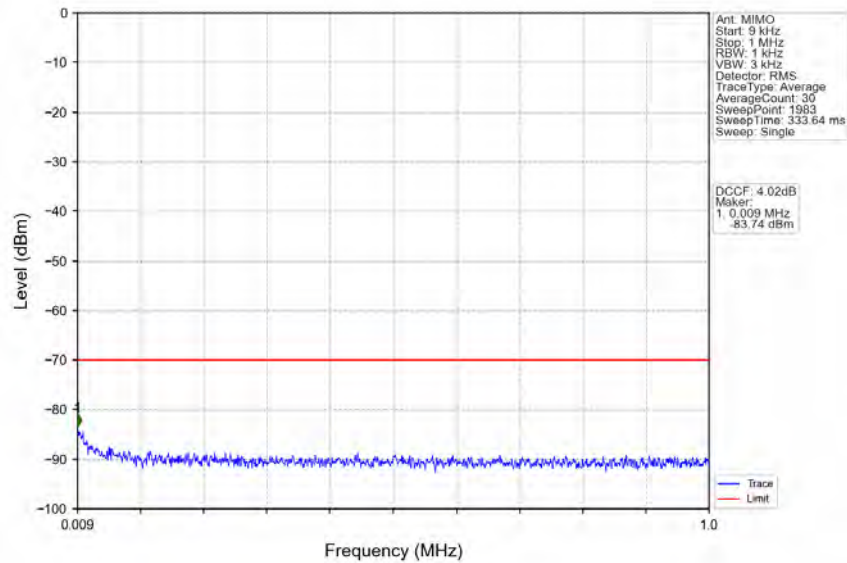
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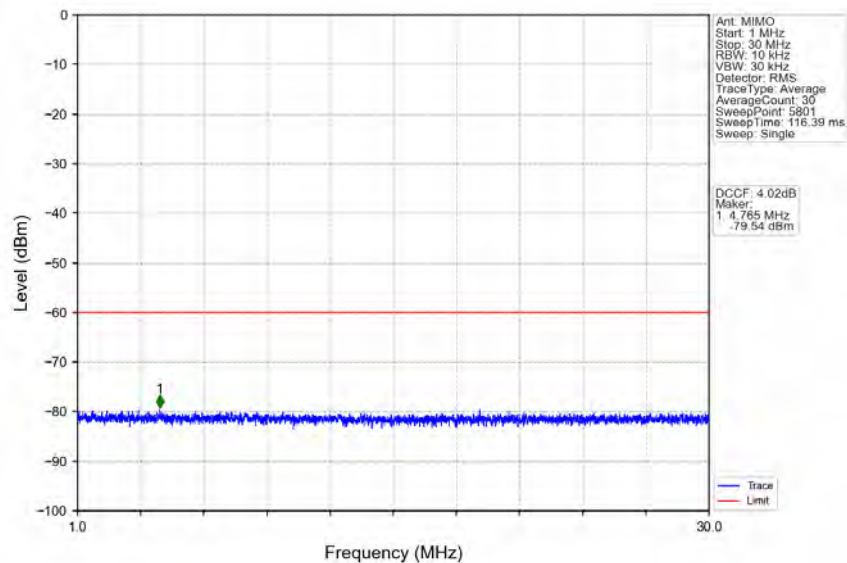
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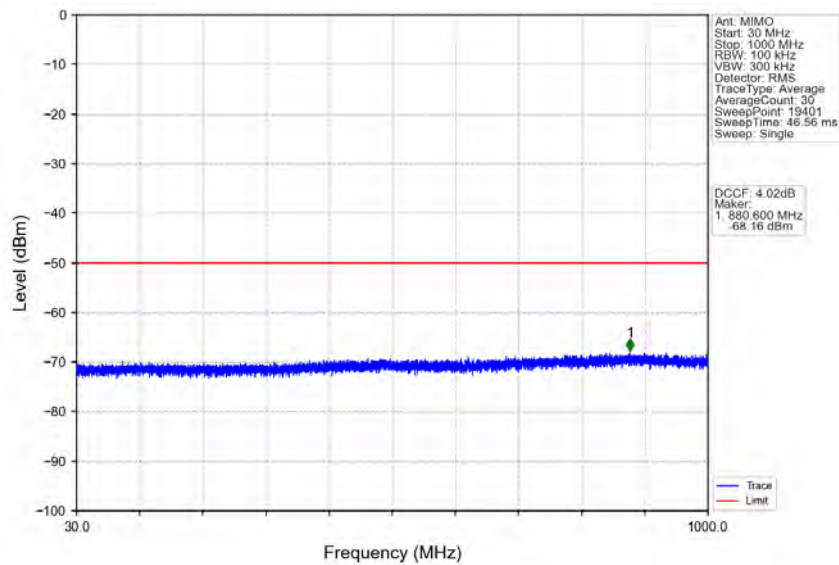
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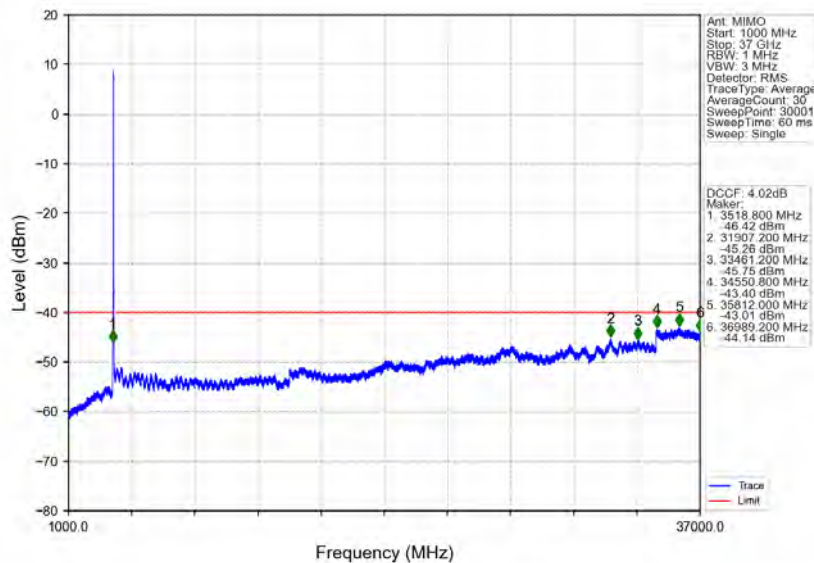
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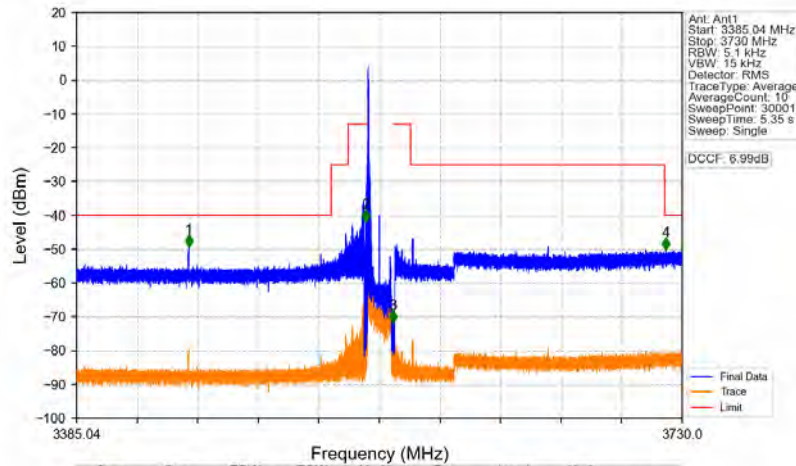
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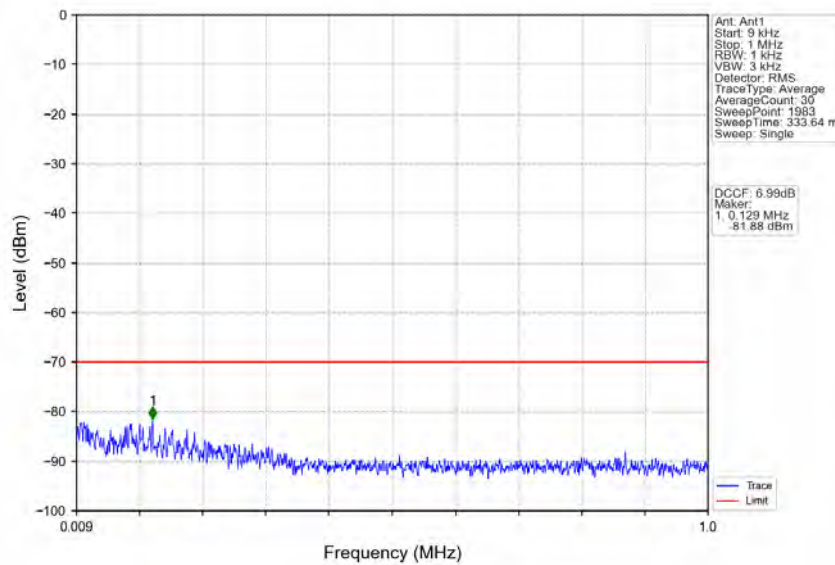
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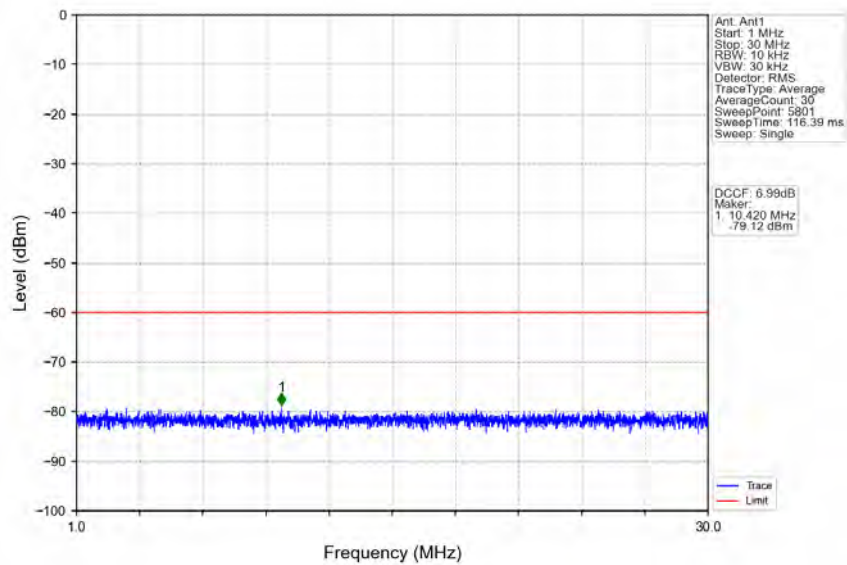
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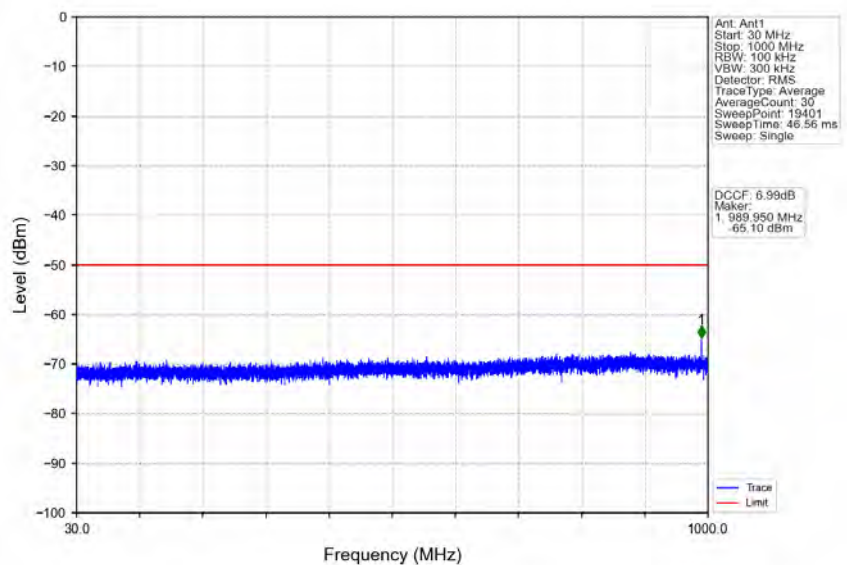


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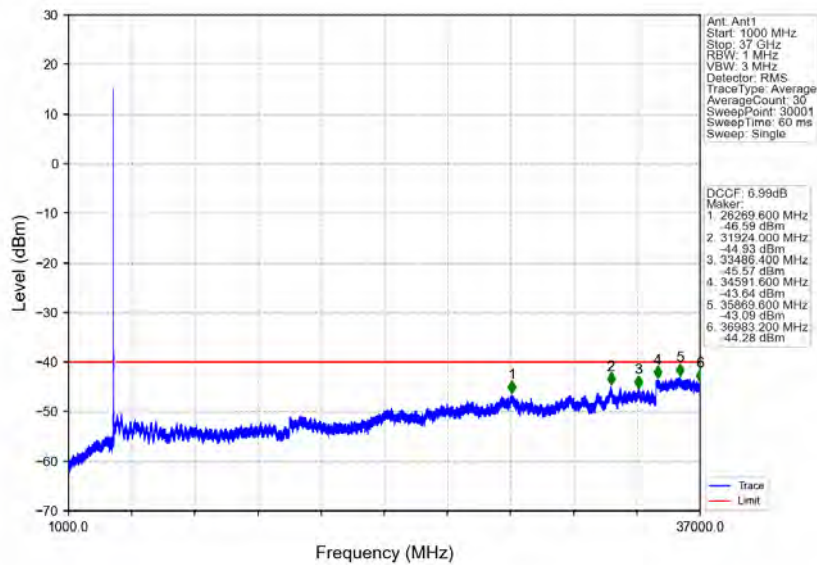
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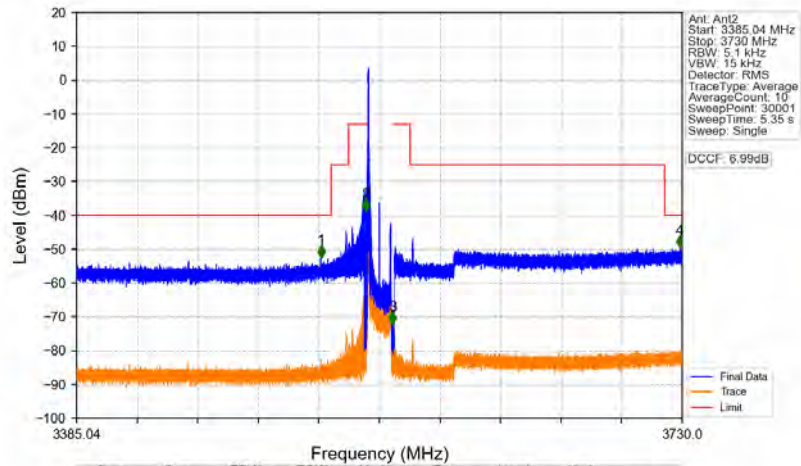
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3385.04	3549.01	1	22.92	1	3524.300	-52.58	-40	Pass
3549.01	3550.01	0.0051	0	2	3549.747	-38.86	-13	Pass
3550.01	3565.031	0.0051	0	/	/	/	/	/
3565.031	3566.031	0.0051	0	3	3565.063	-72.29	-13	Pass
3566.031	3730	1	22.92	4	3728.655	-49.67	-40	Pass



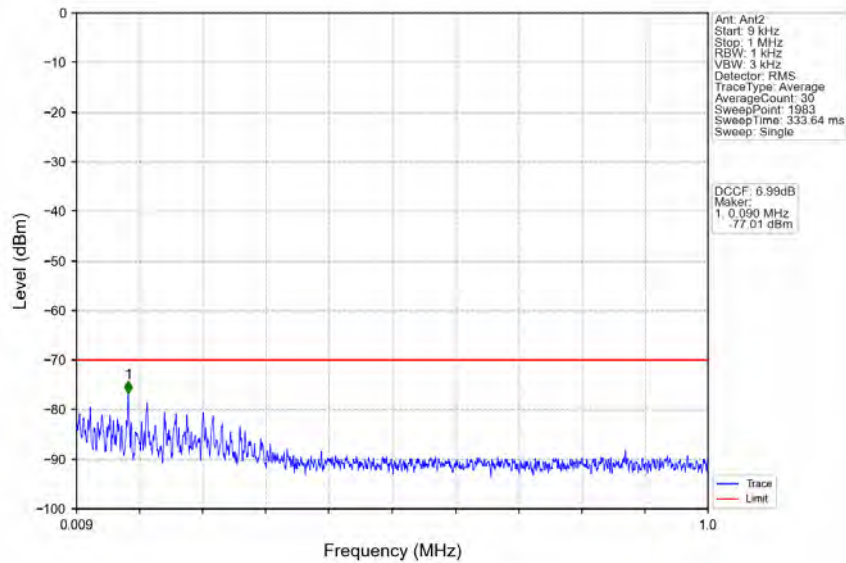
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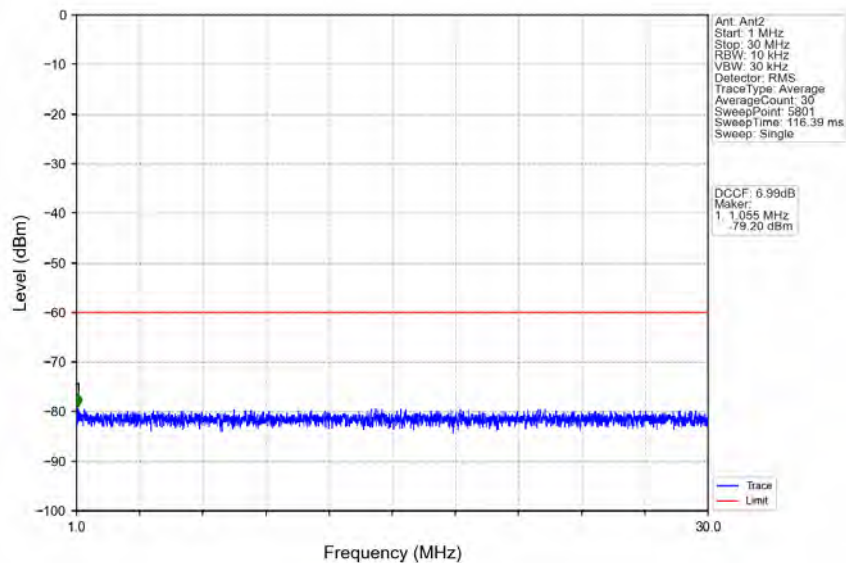
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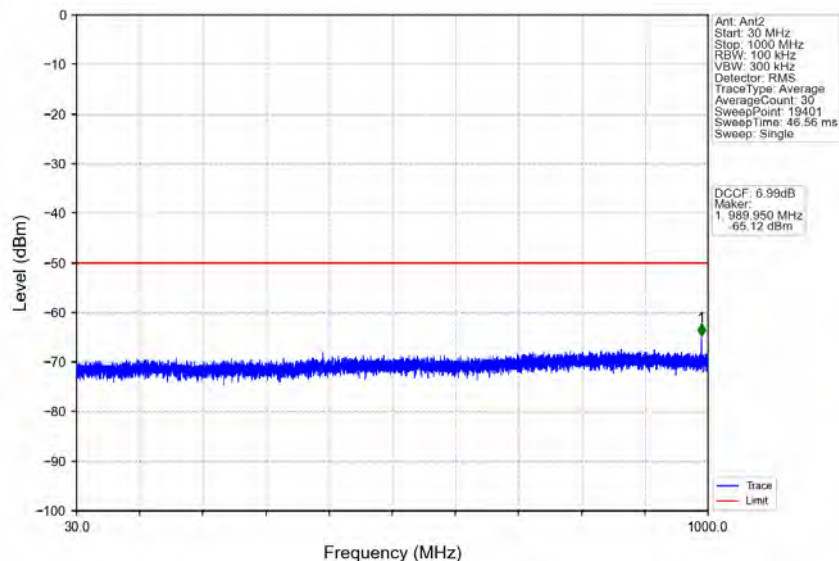
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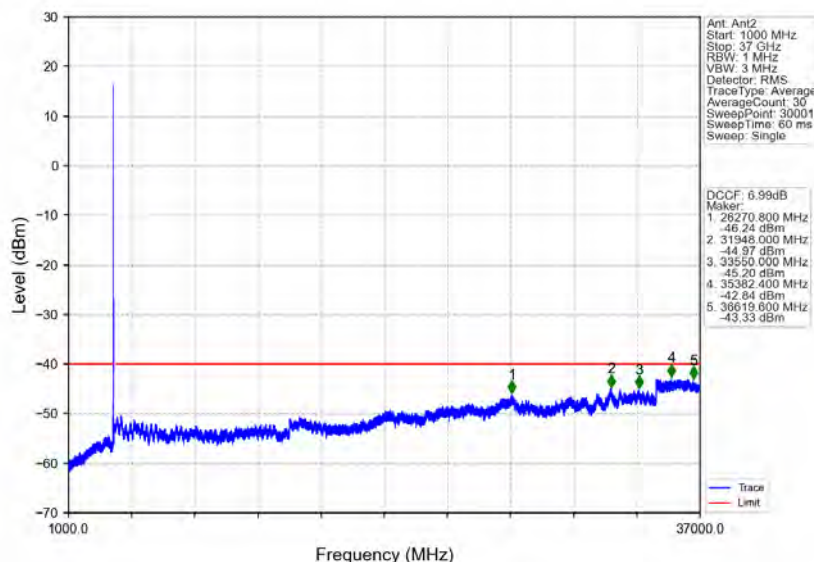
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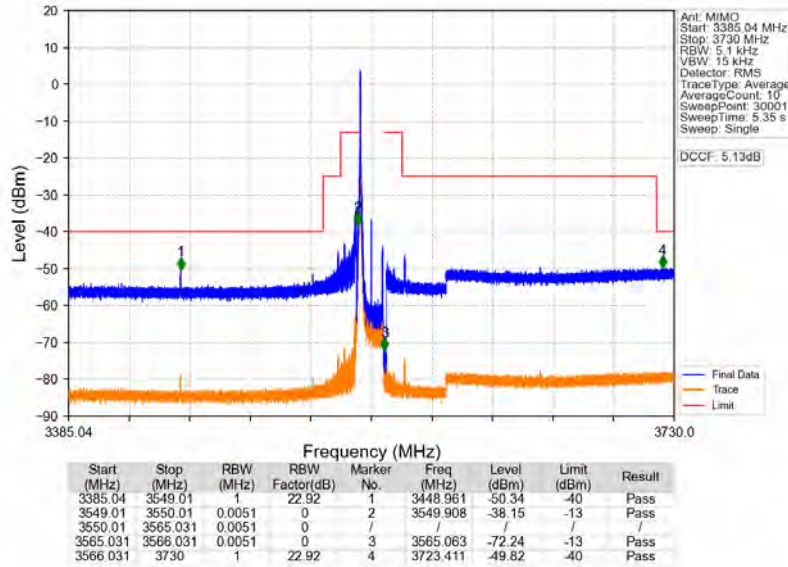
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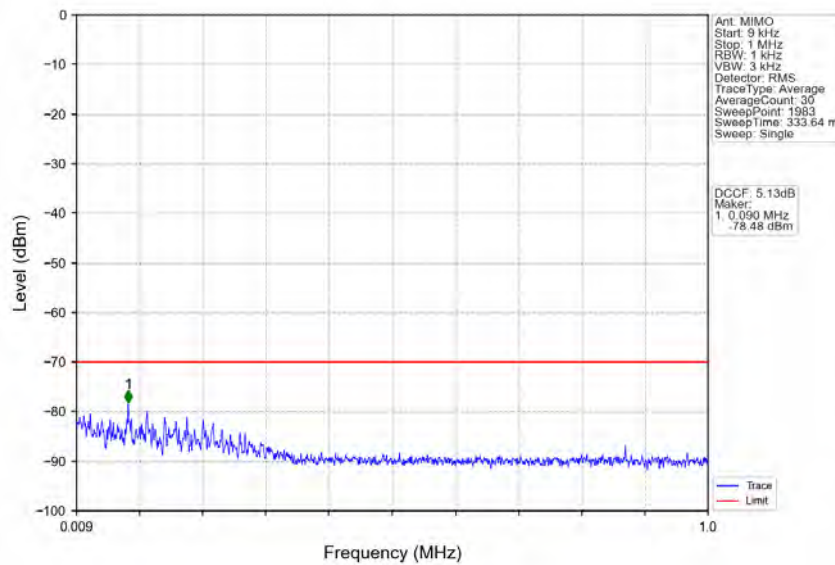
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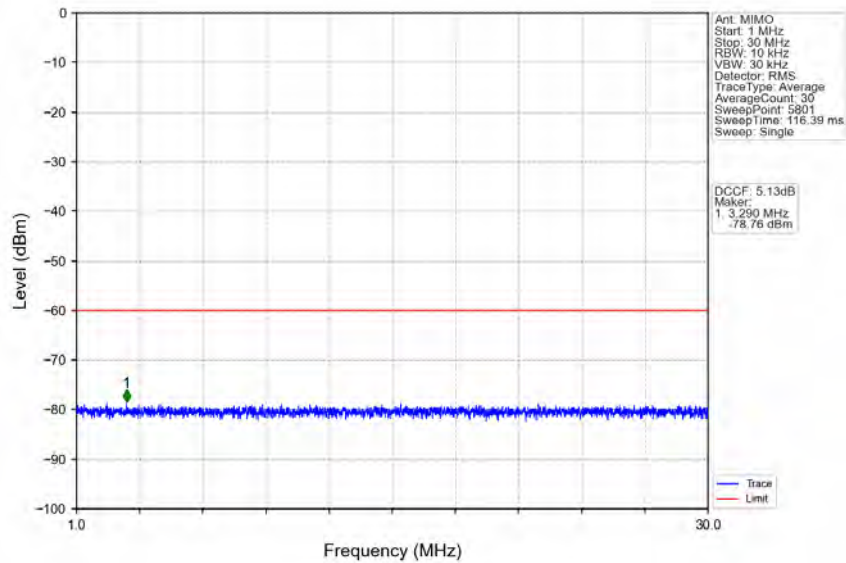
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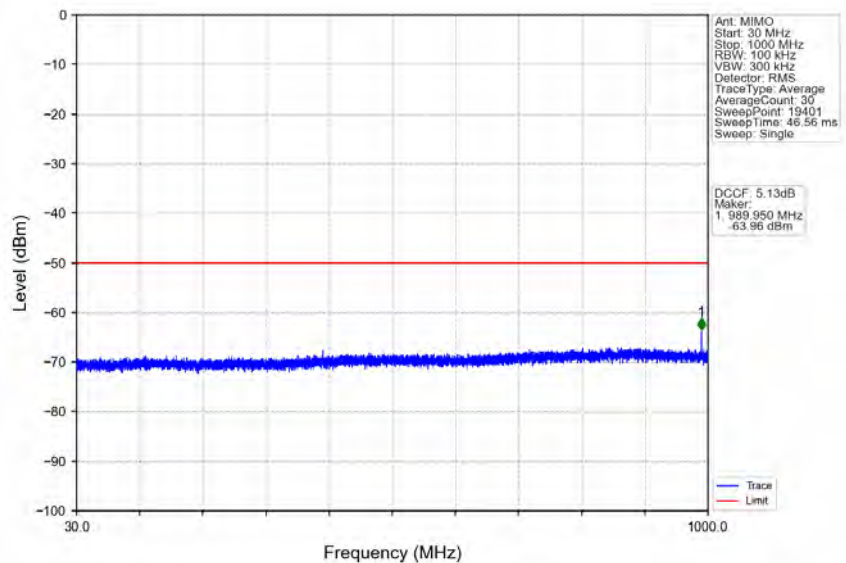


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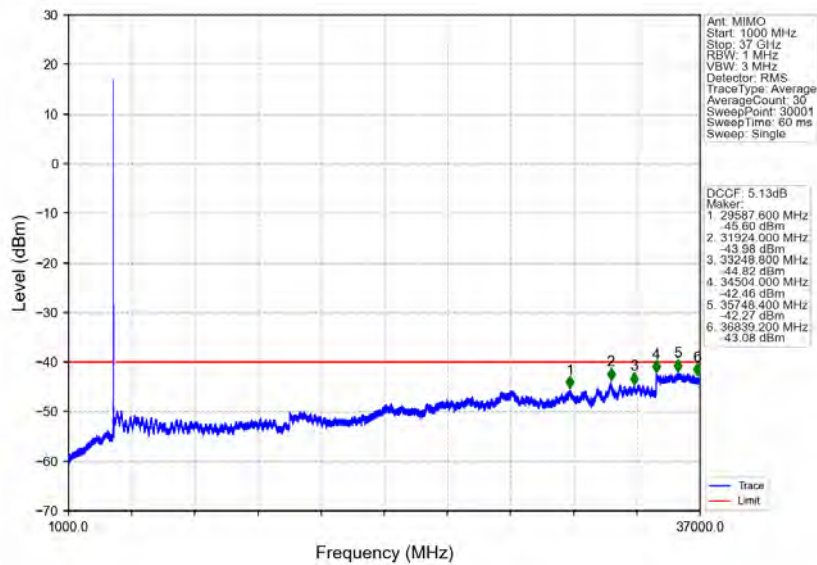
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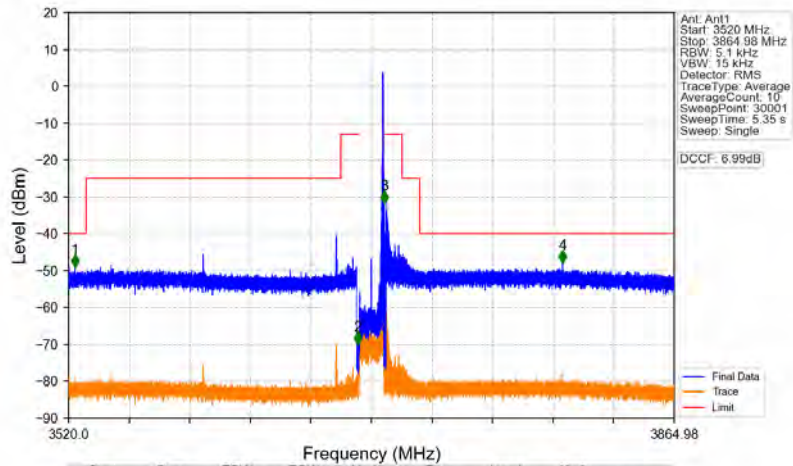
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n78d_30kHz_MIMO_NTNV_15MHz_CP-OFDM QPSK_3692.49MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3684.053	1	22.92	1	3523.553	-49.12	-40	Pass
3684.053	3685.053	0.0051	0	2	3684.820	-70.09	-13	Pass
3685.053	3699.927	0.0051	0	3	3699.976	-31.82	-13	Pass
3699.927	3700.927	0.0051	0	3	3699.976	-31.82	-13	Pass
3700.927	3864.98	1	22.92	4	3801.412	-47.89	-40	Pass



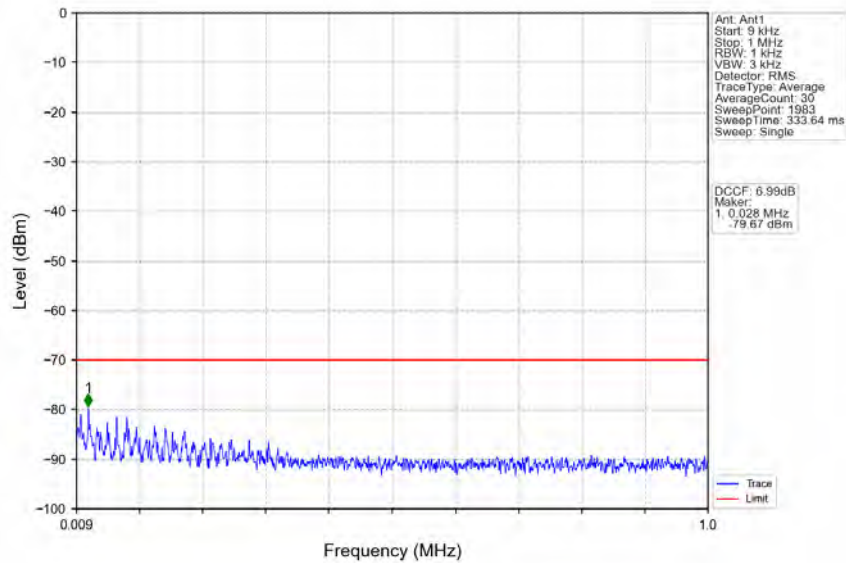
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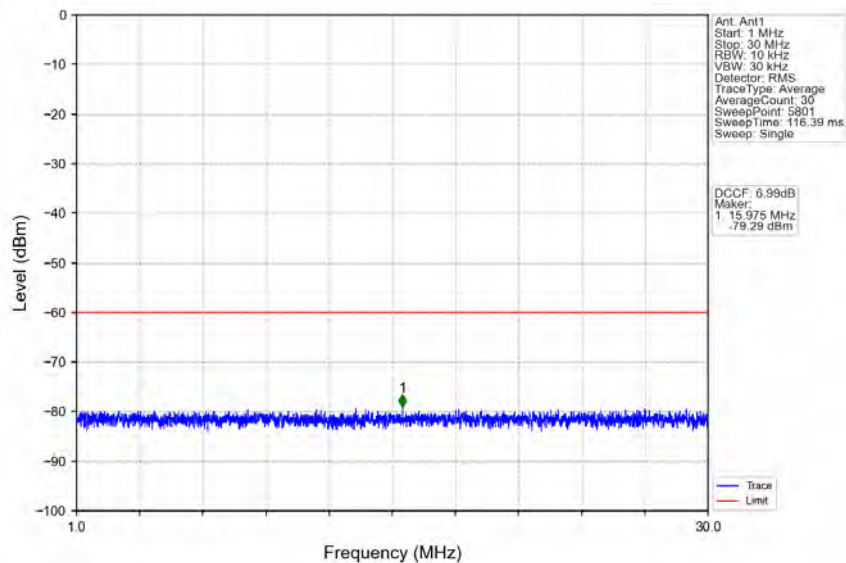
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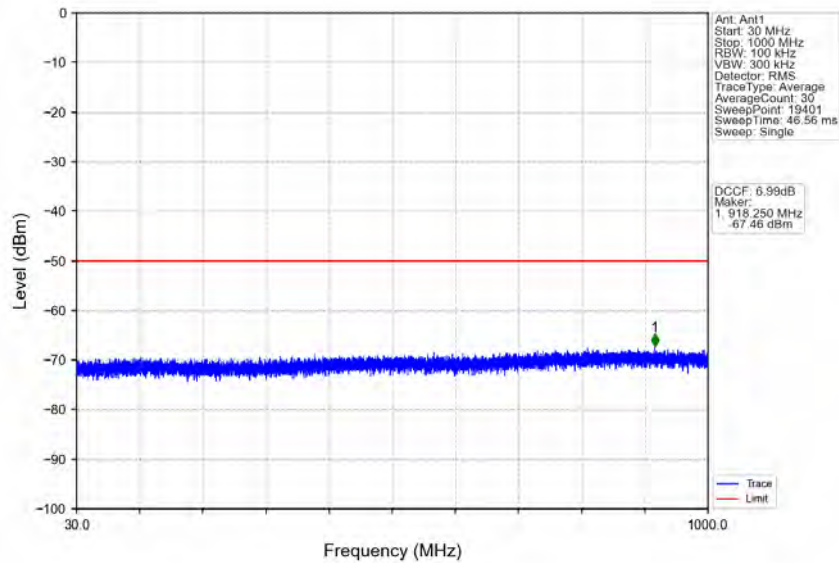
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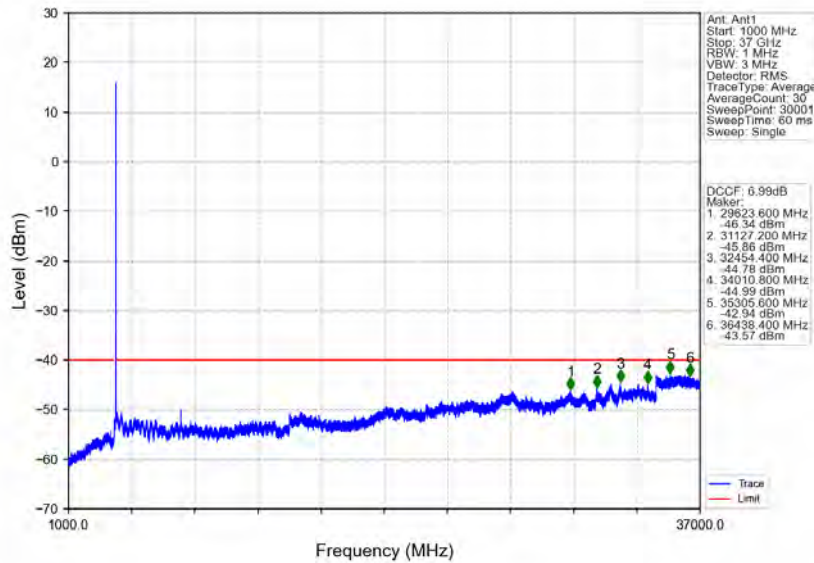
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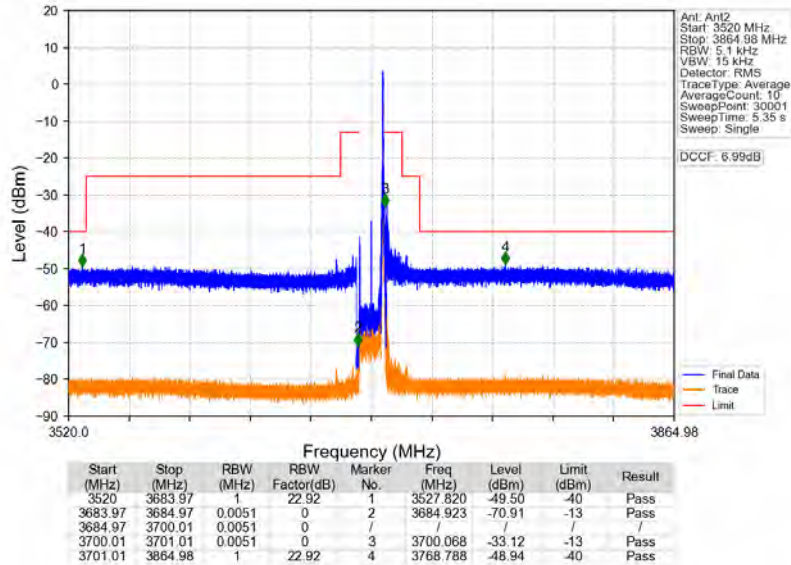
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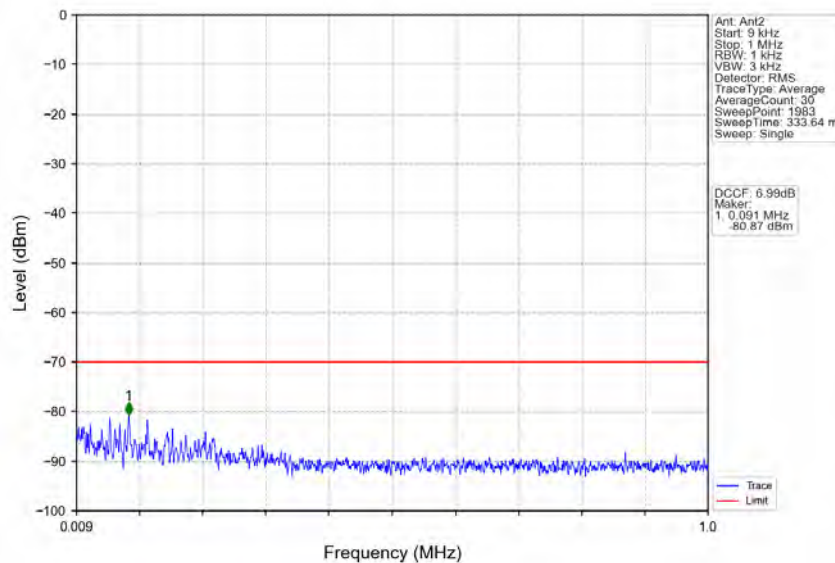
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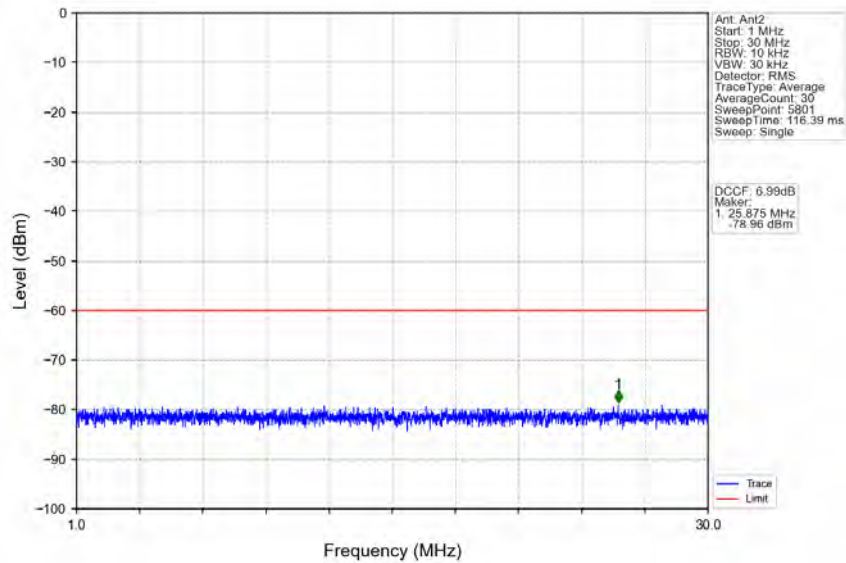
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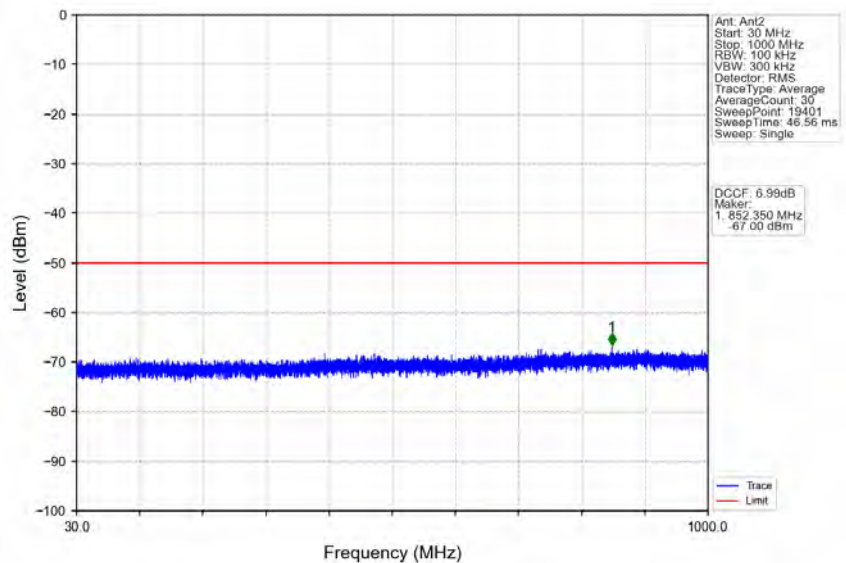


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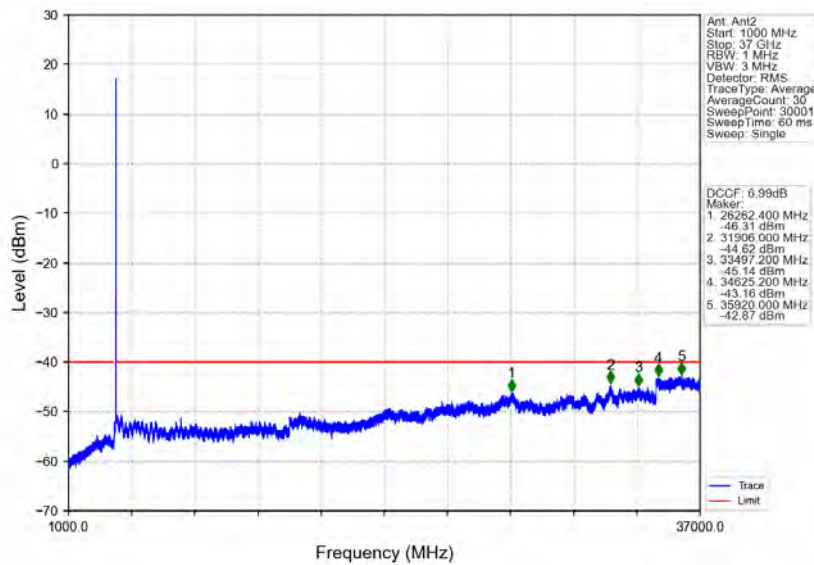
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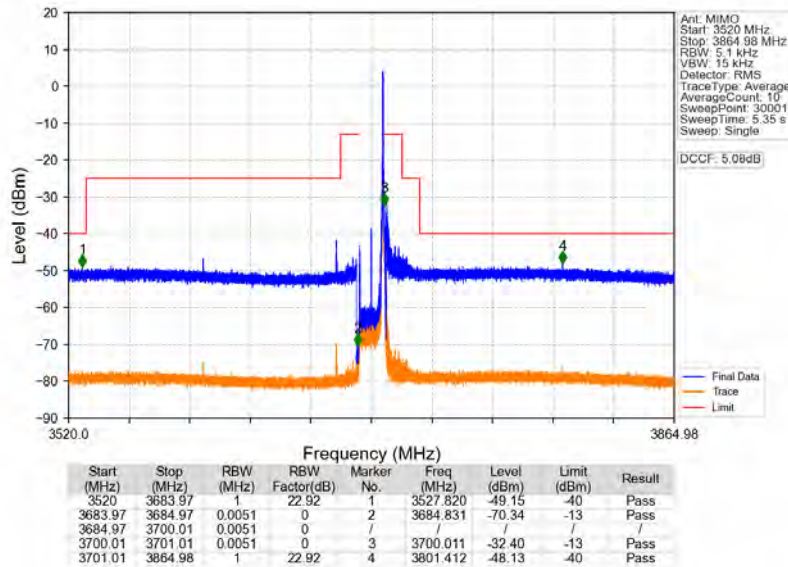
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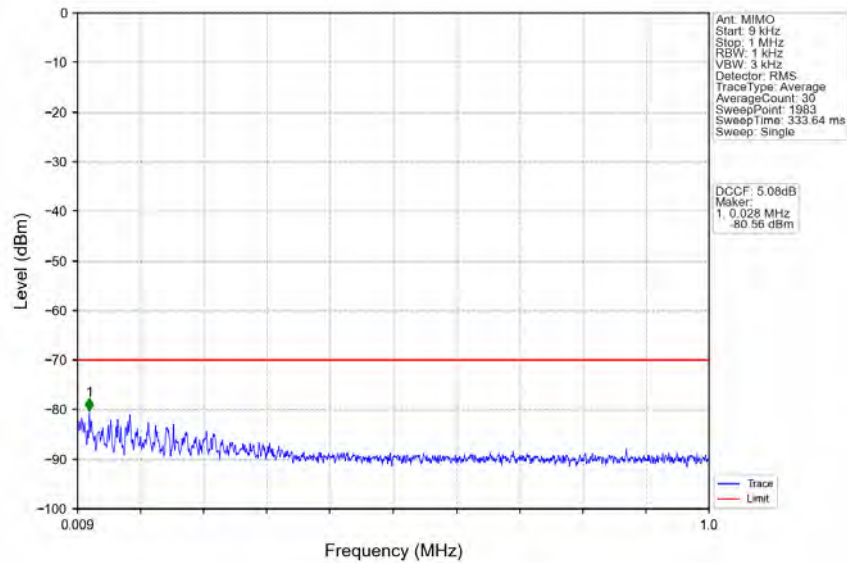
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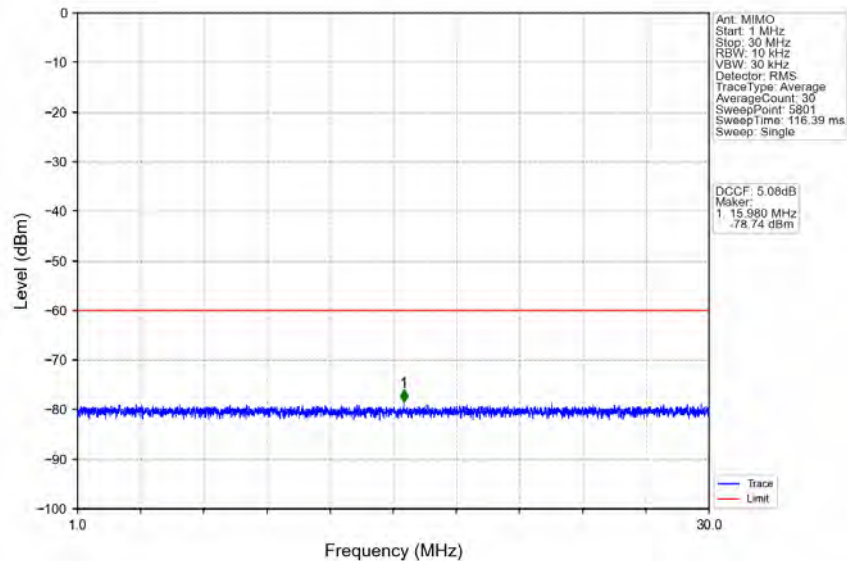
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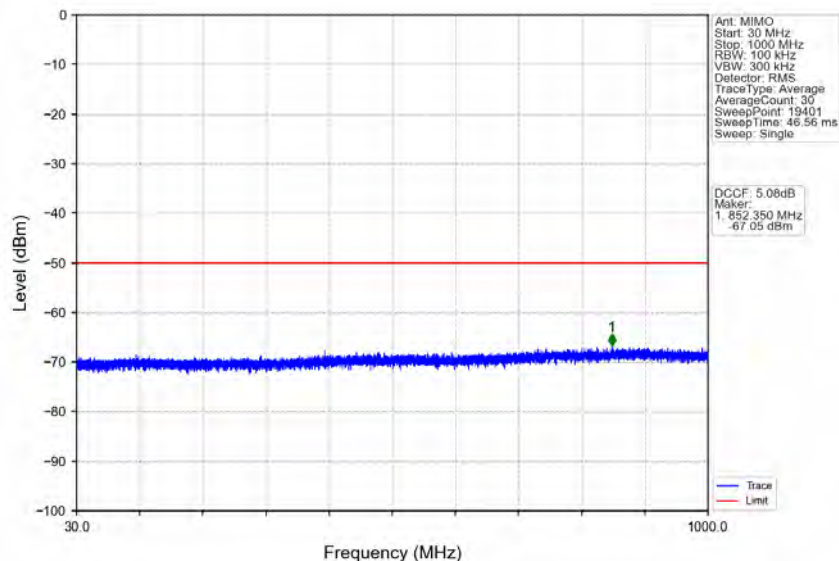
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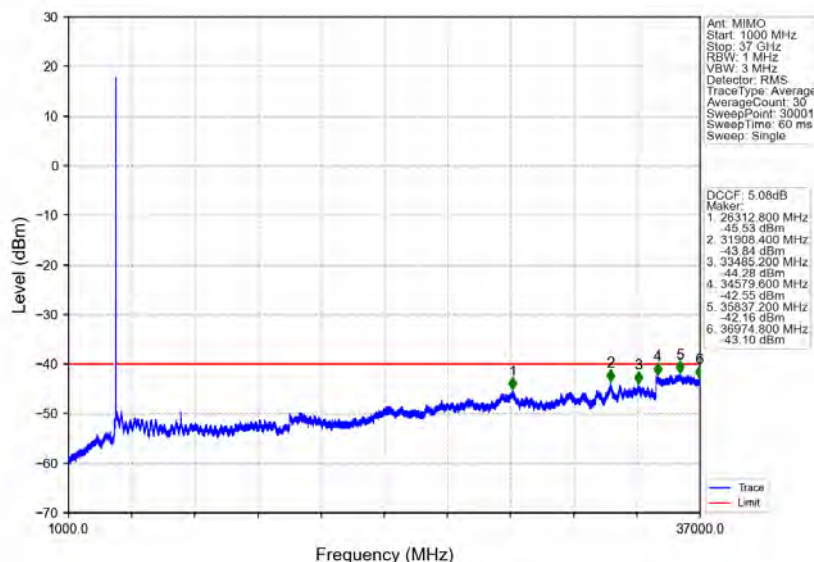
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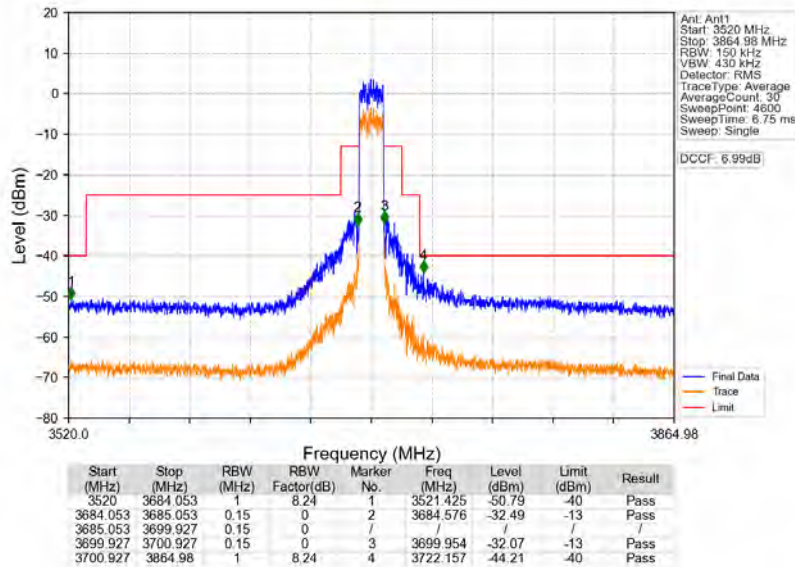
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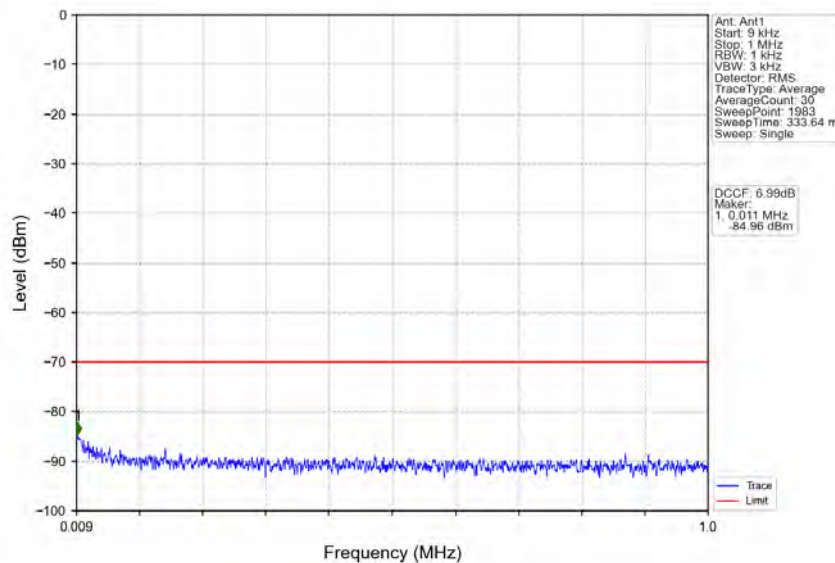
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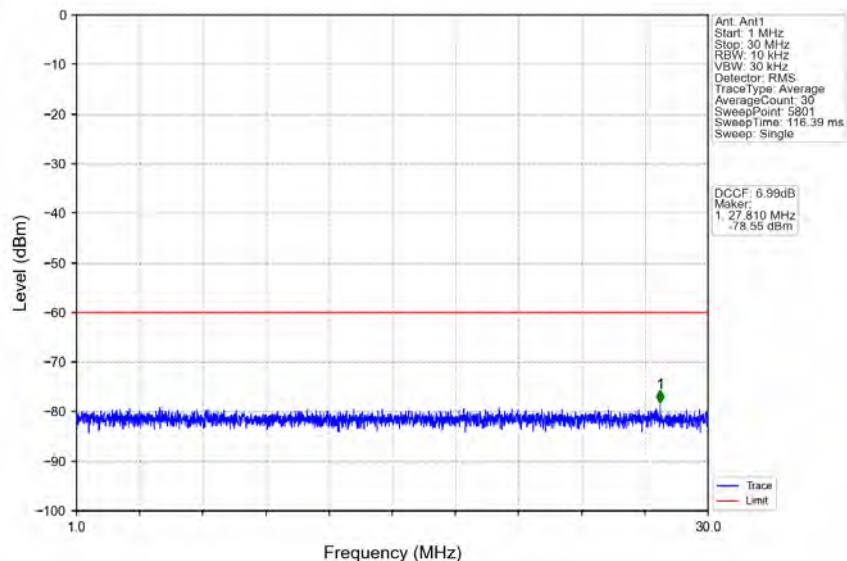
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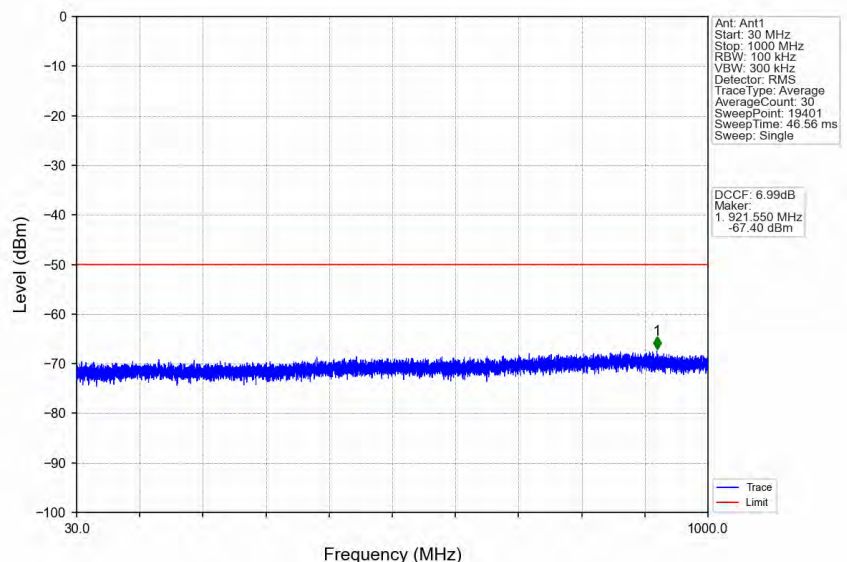


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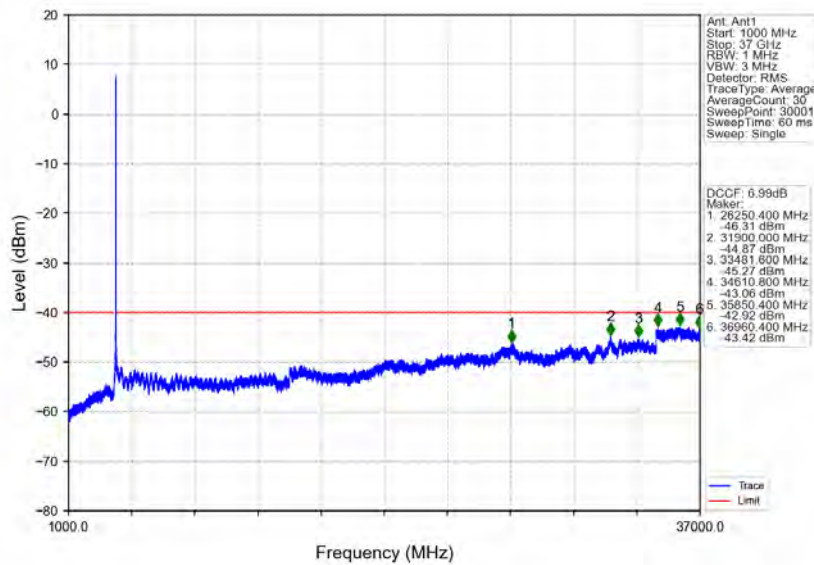
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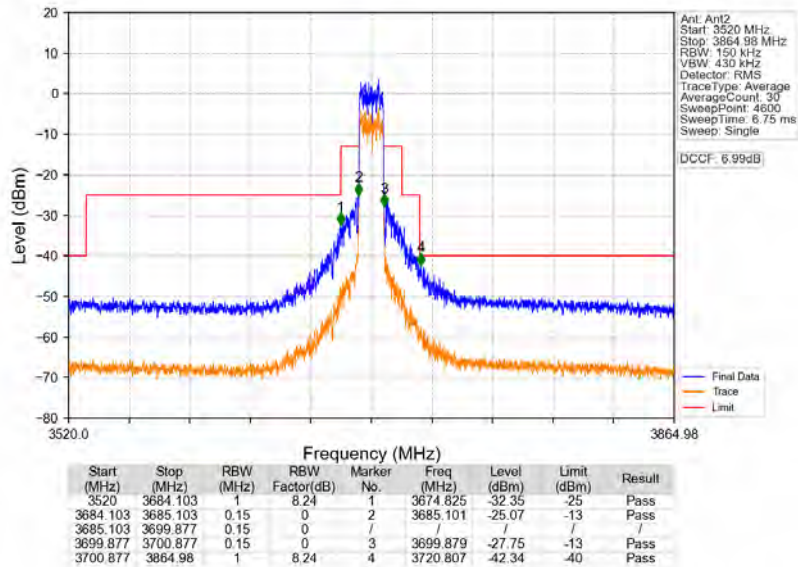
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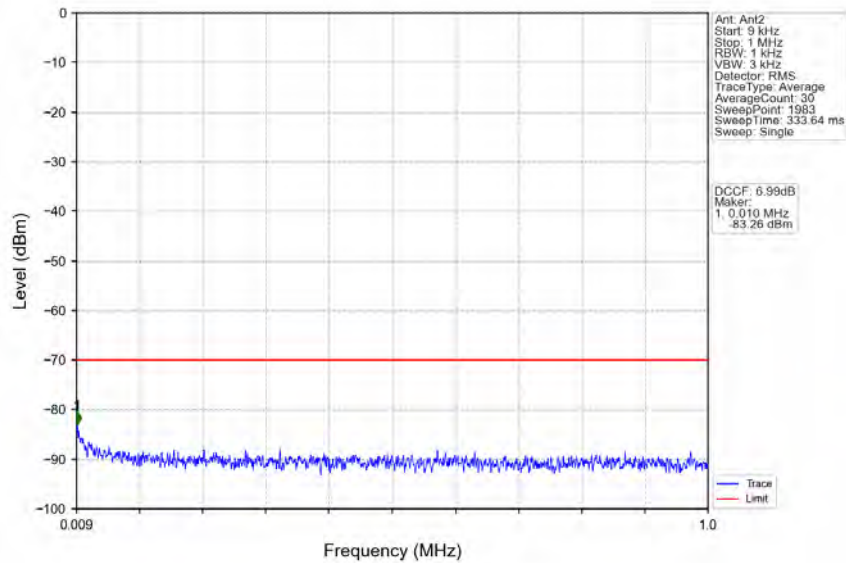
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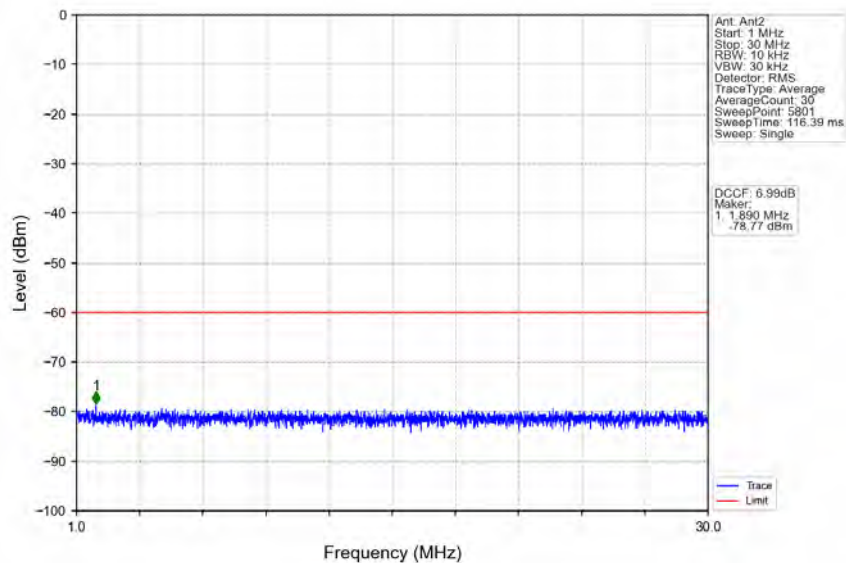
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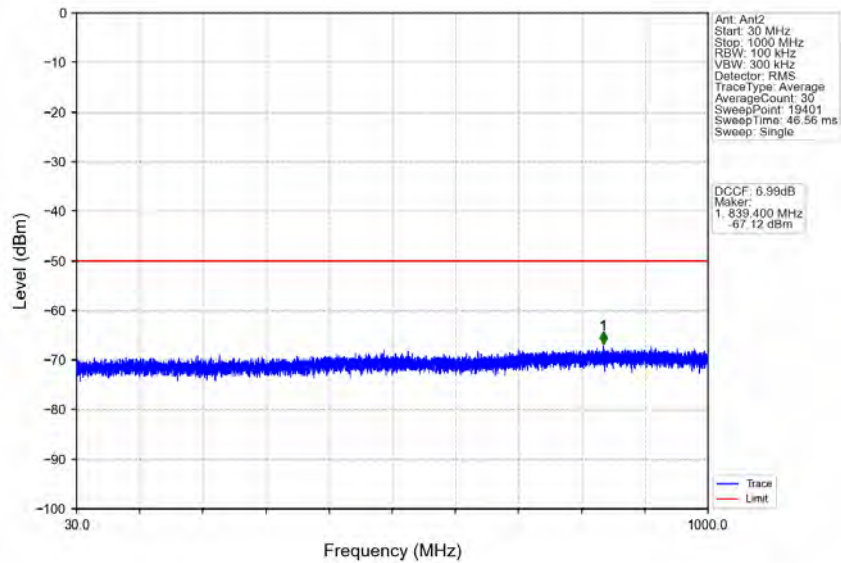
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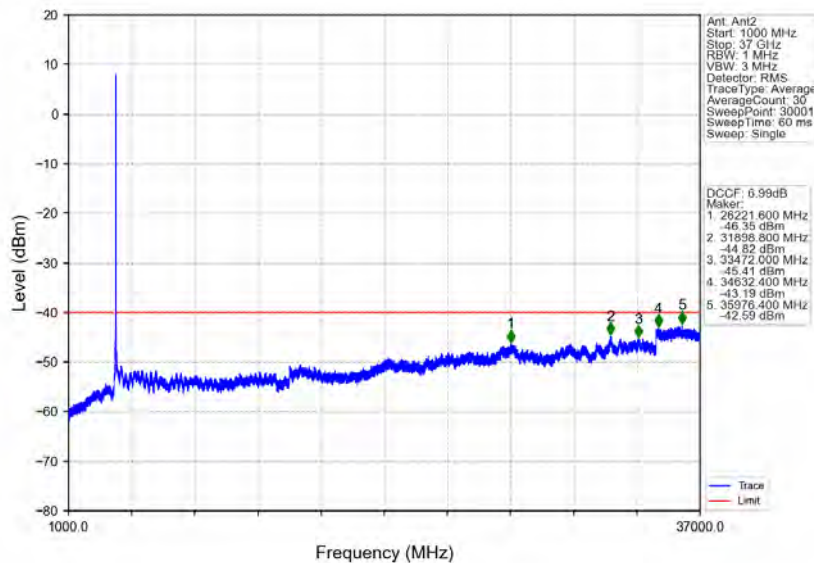
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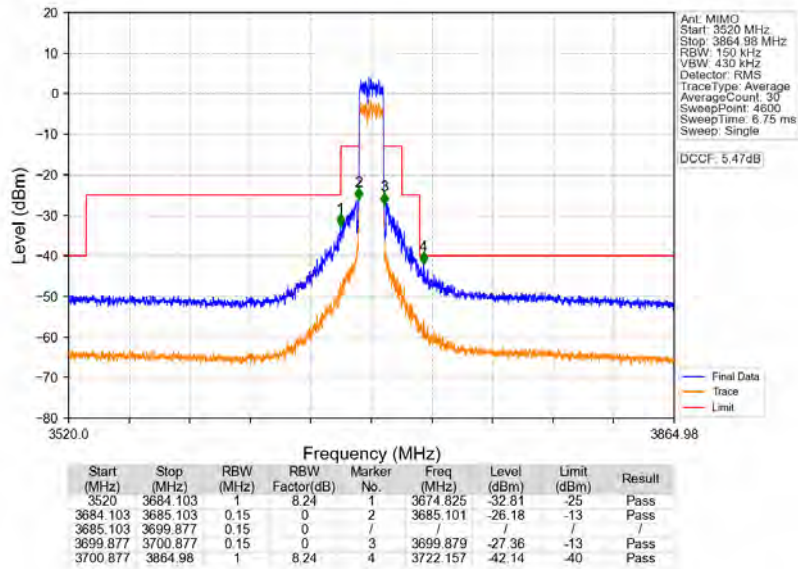
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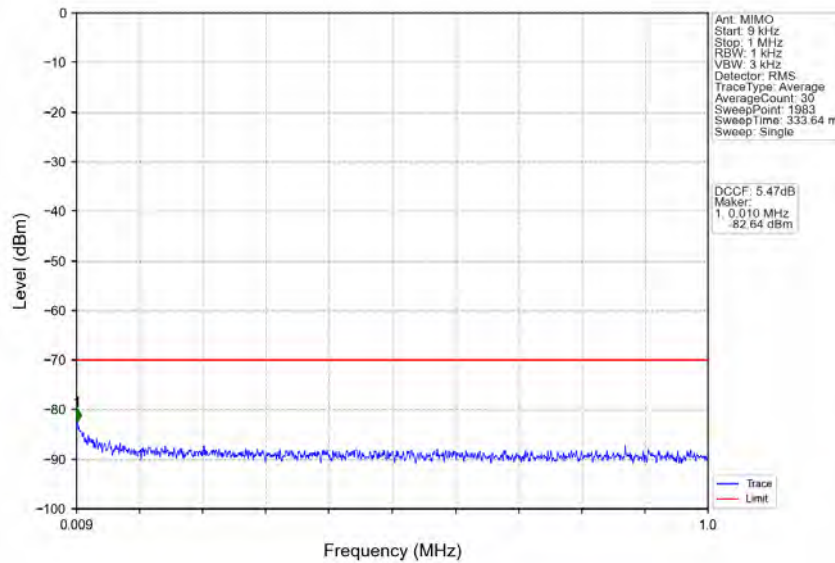
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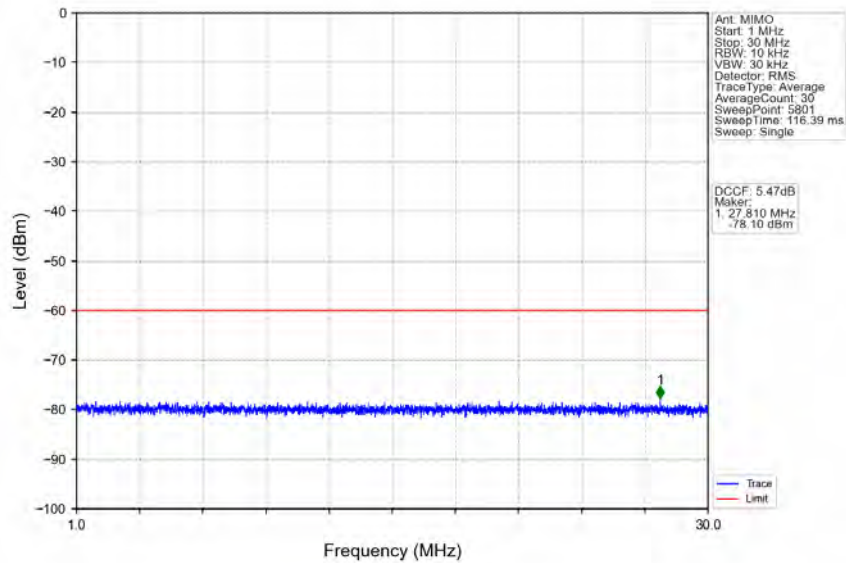
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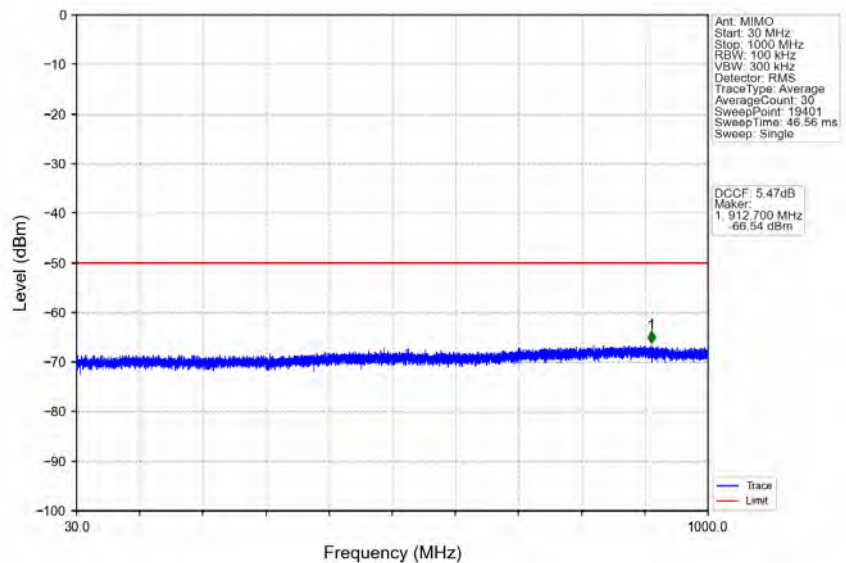


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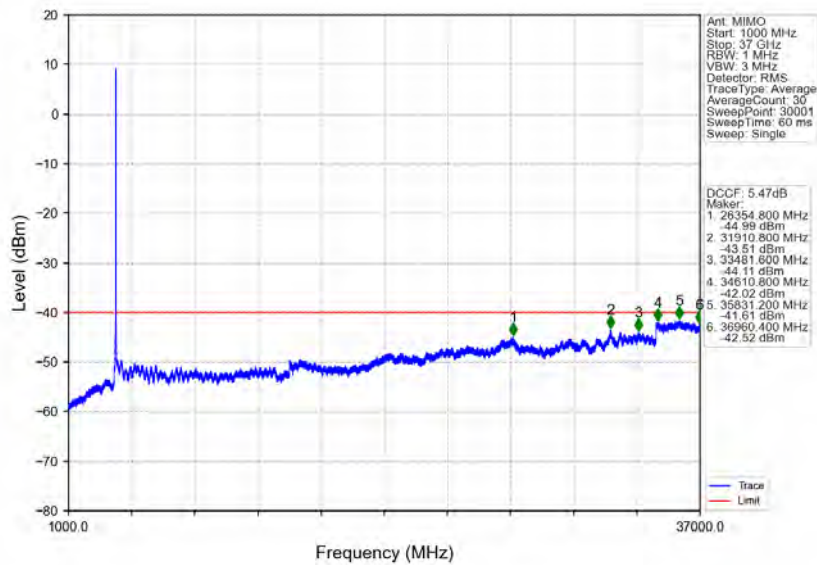
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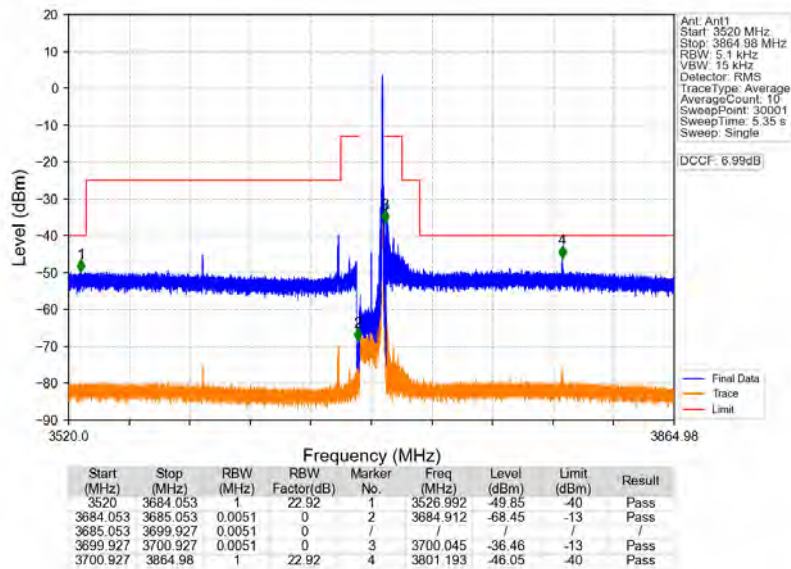
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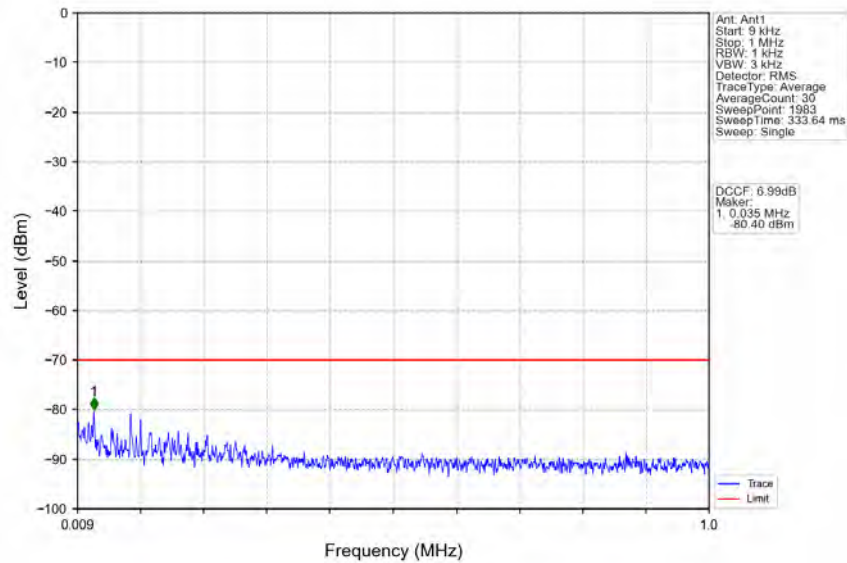
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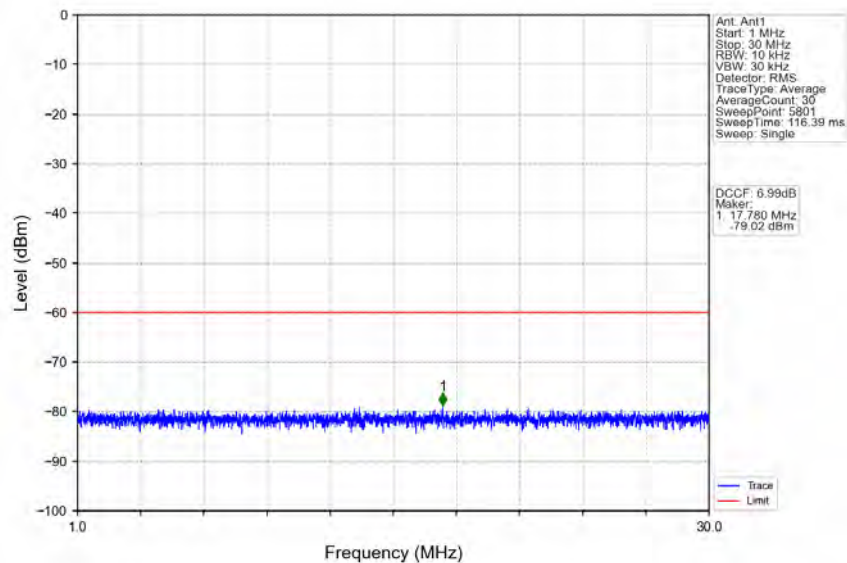
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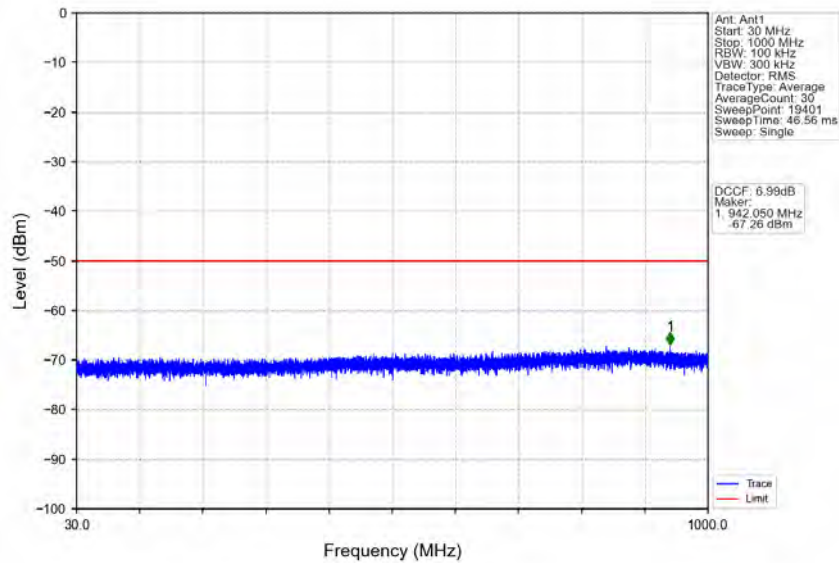
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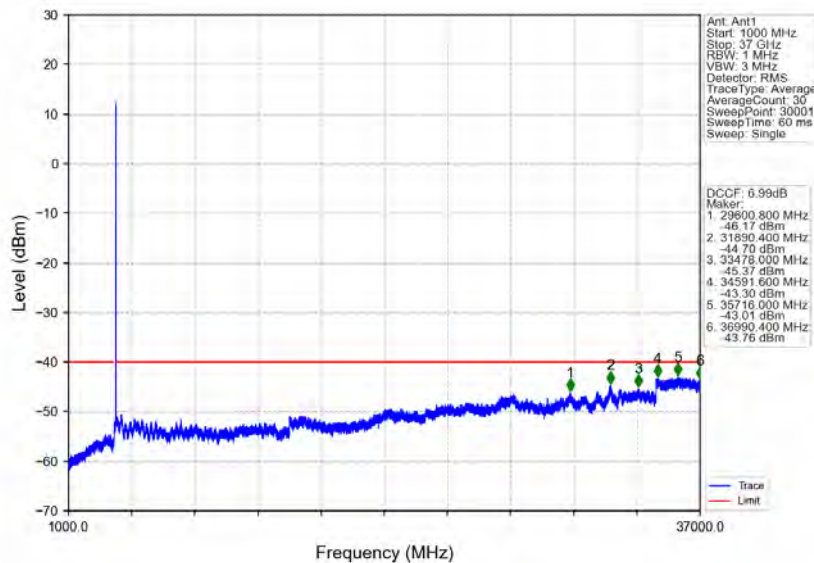
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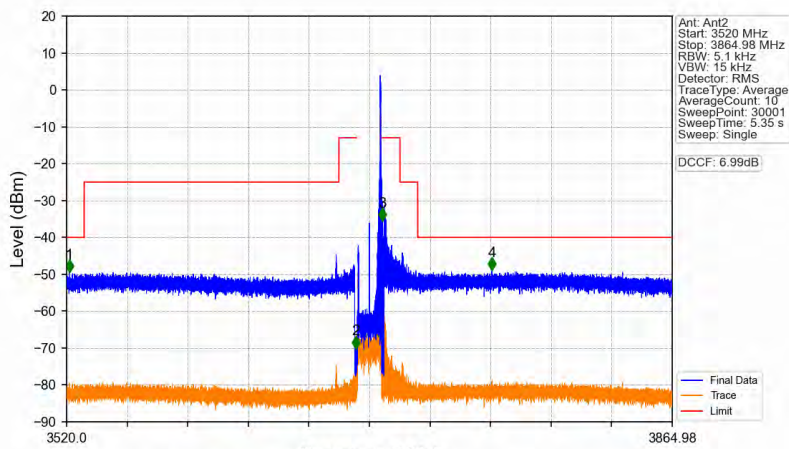
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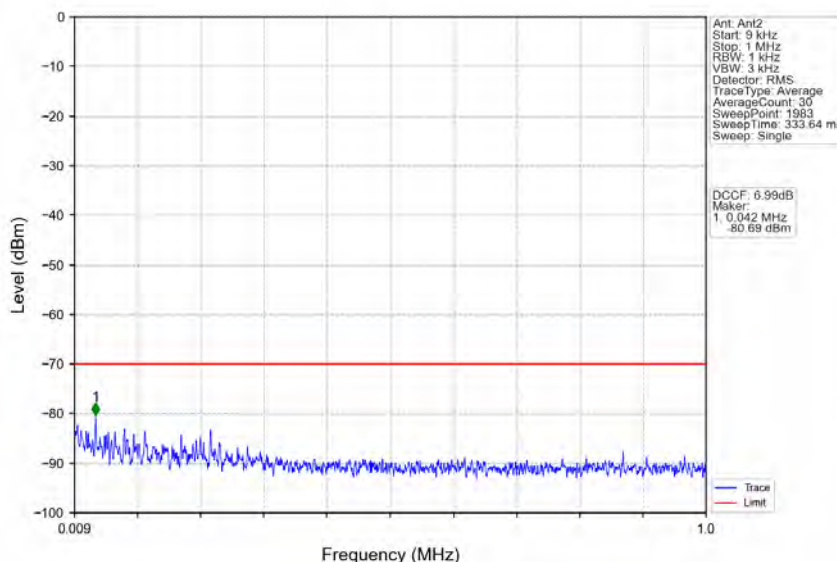
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3684.103	1	22.92	1	3521.529	-49.53	-40	Pass
3684.103	3685.103	0.0051	0	2	3684.854	-70.14	-13	Pass
3685.103	3699.877	0.0051	0	/	/	/	/	/
3699.877	3700.877	0.0051	0	3	3699.988	-35.45	-13	Pass
3700.877	3864.98	1	22.92	4	3762.394	-48.92	-40	Pass

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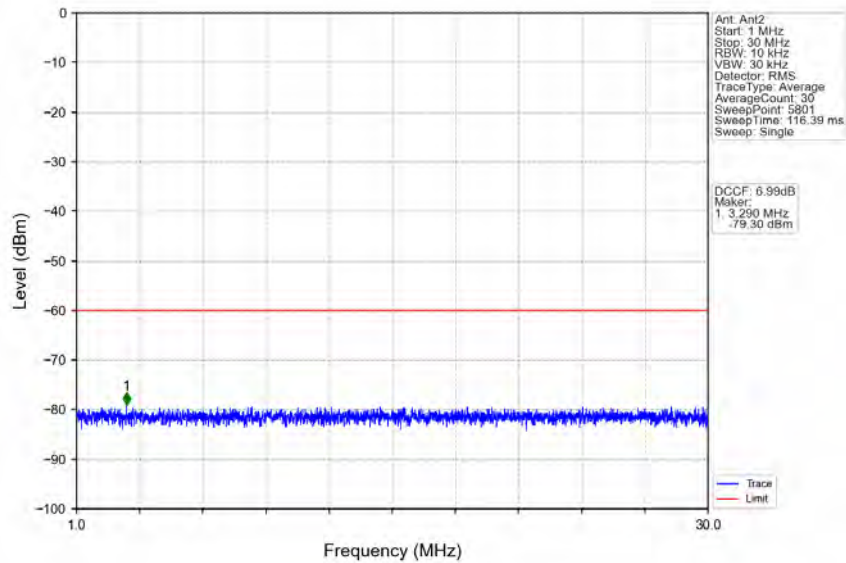
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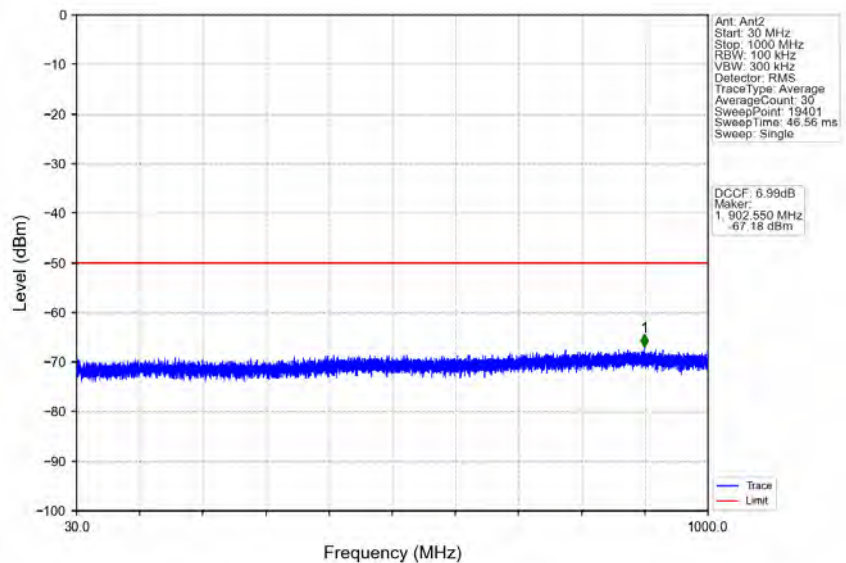
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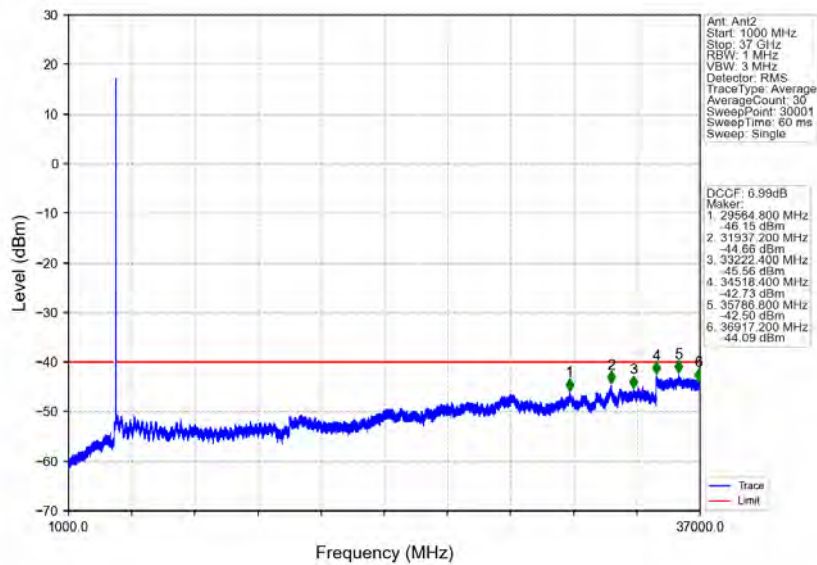
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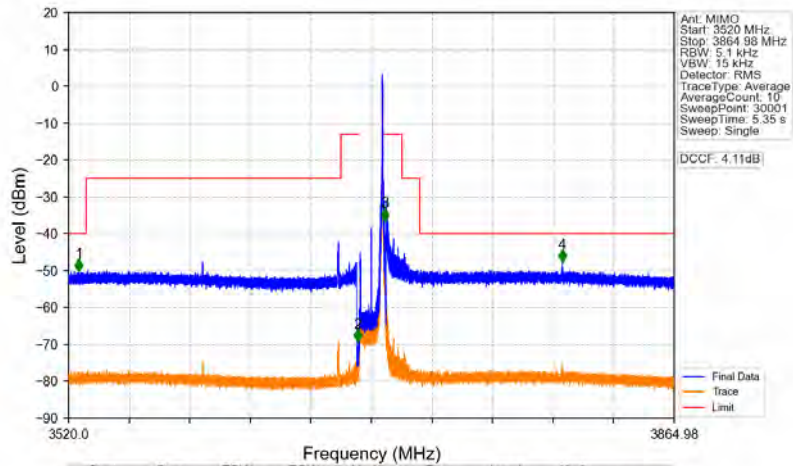
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3684.103	1	22.92	1	3525.911	-50.29	-40	Pass
3684.103	3685.103	0.0051	0	2	3684.912	-69.30	-13	Pass
3685.103	3699.877	0.0051	0	3	3700.045	-36.58	-13	Pass
3699.877	3700.877	0.0051	0	4	3801.193	-47.78	-40	Pass



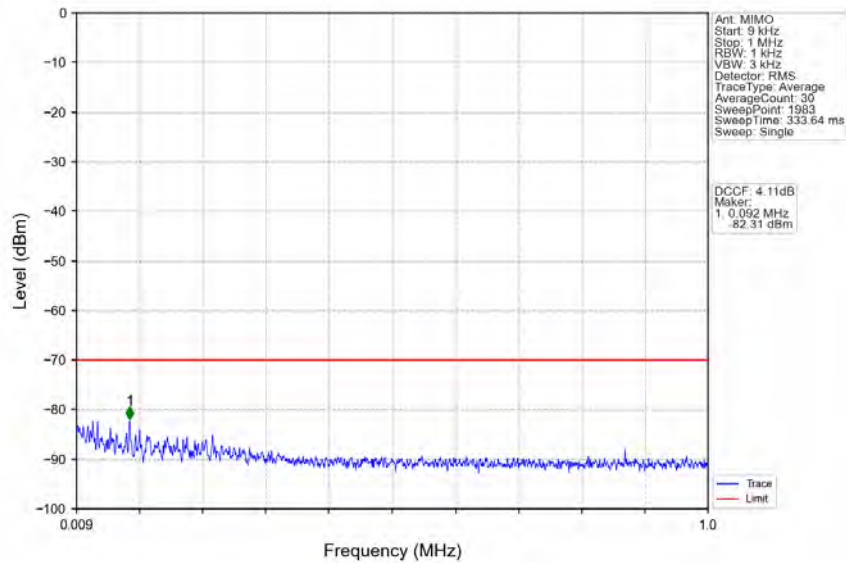
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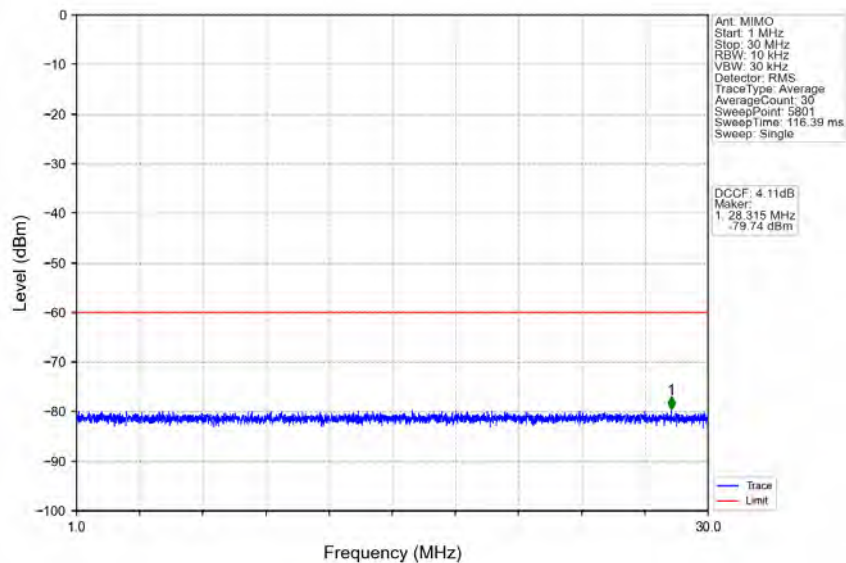
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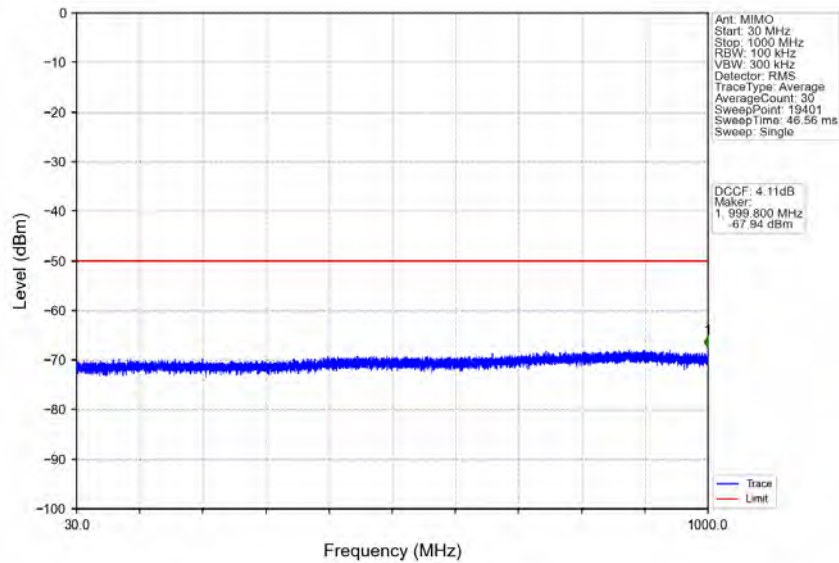
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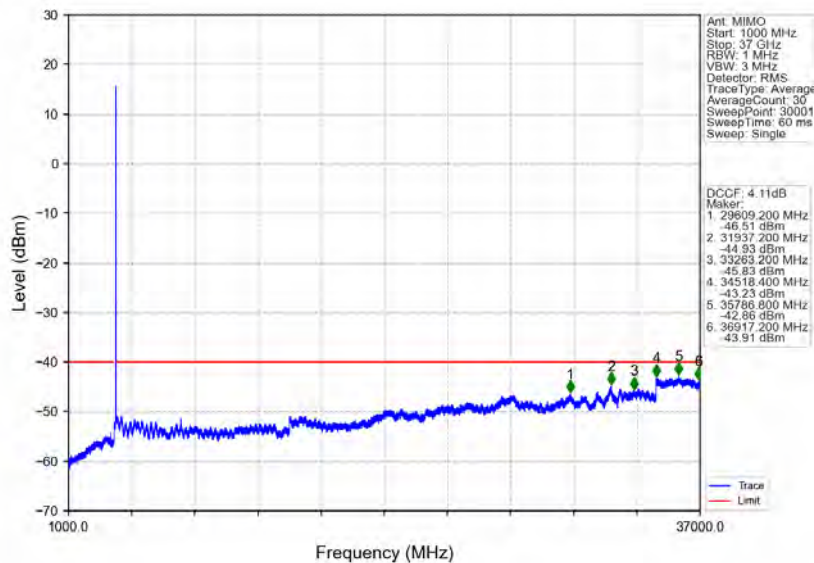
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6.3 30k_MIMO_20MHz_NTNV

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
			Refer To Test Graph				Pass

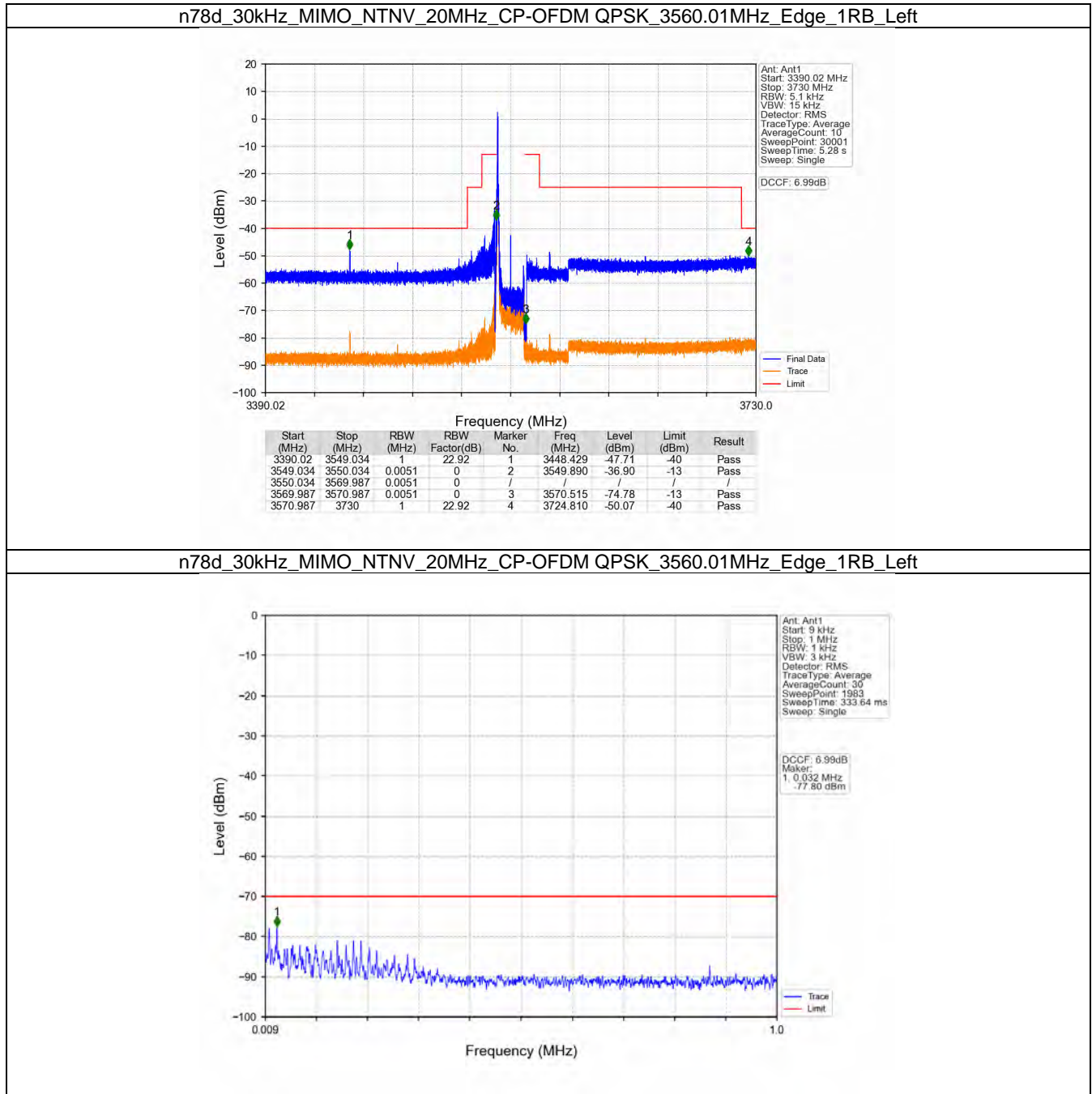


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6.3.2 Test Graph



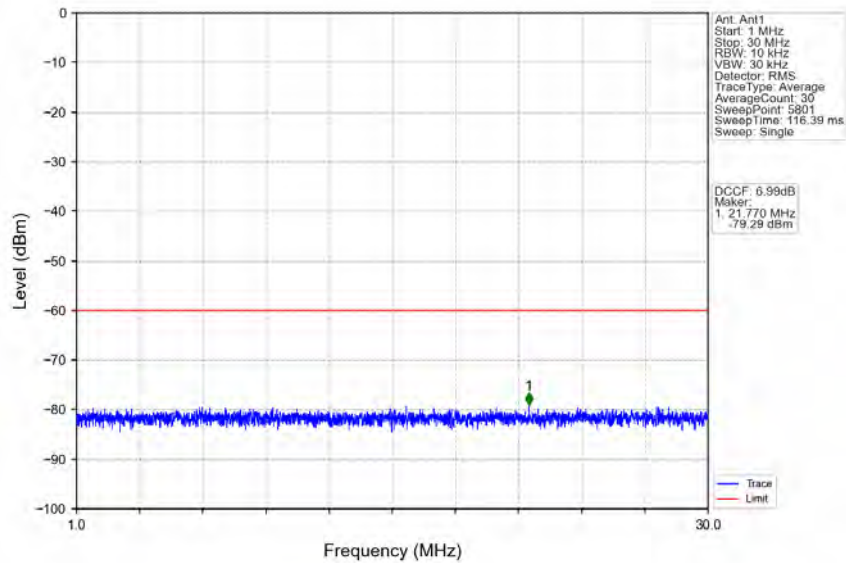
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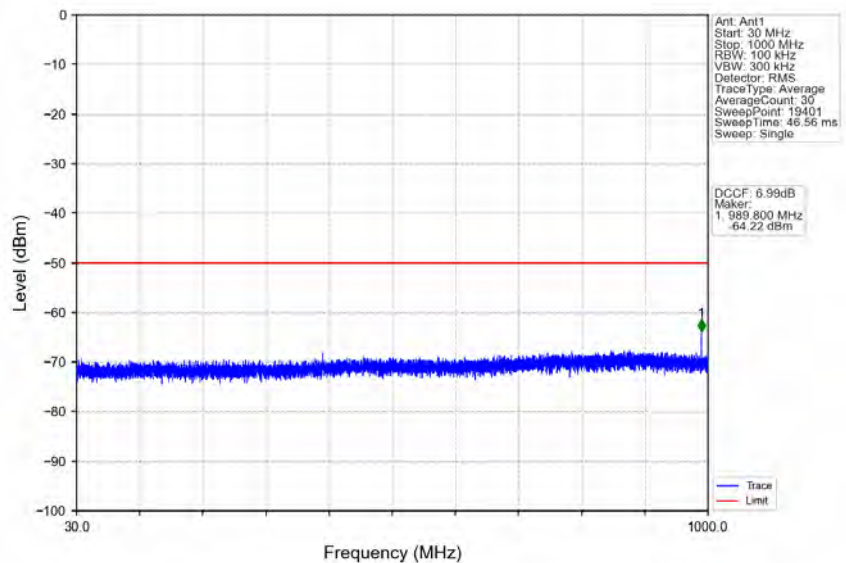
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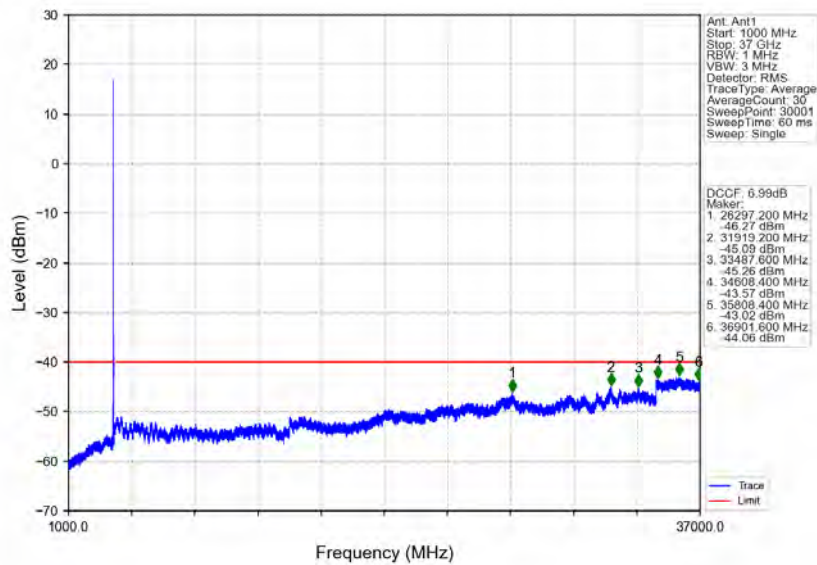
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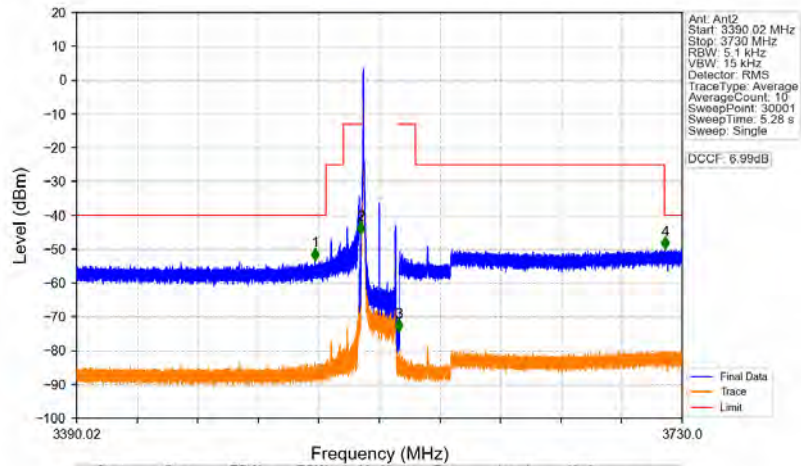
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3390.02	3548.773	1	22.92	1	3523.881	-53.37	-40	Pass
3548.773	3549.773	0.0051	0	2	3549.697	-45.59	-13	Pass
3549.773	3570.248	0.0051	0	3	3570.731	-74.36	-13	Pass
3570.248	3571.248	0.0051	0	3	3570.731	-74.36	-13	Pass
3571.248	3730	1	22.92	4	3720.424	-50.00	-40	Pass

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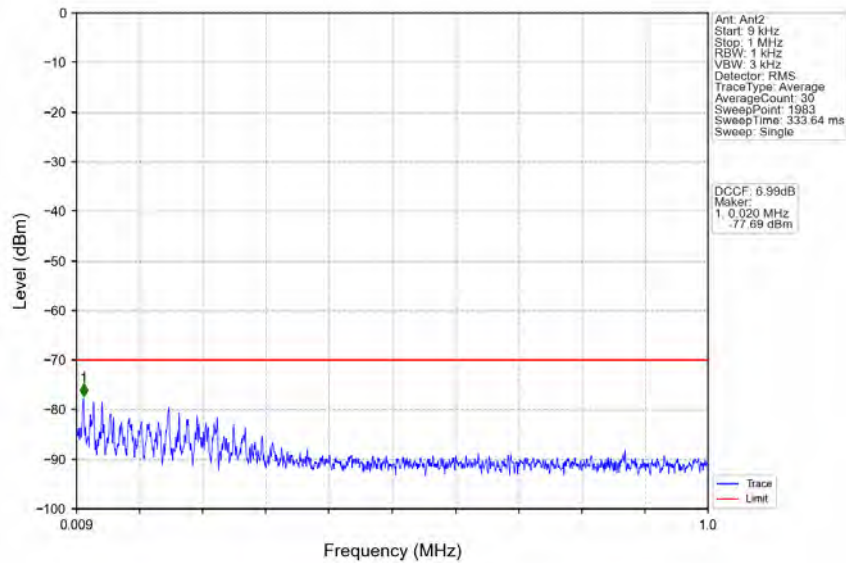
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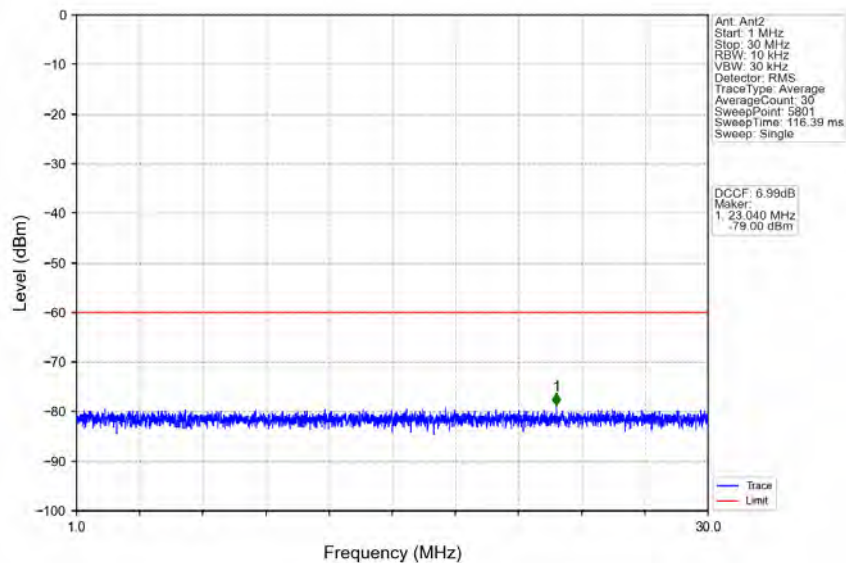
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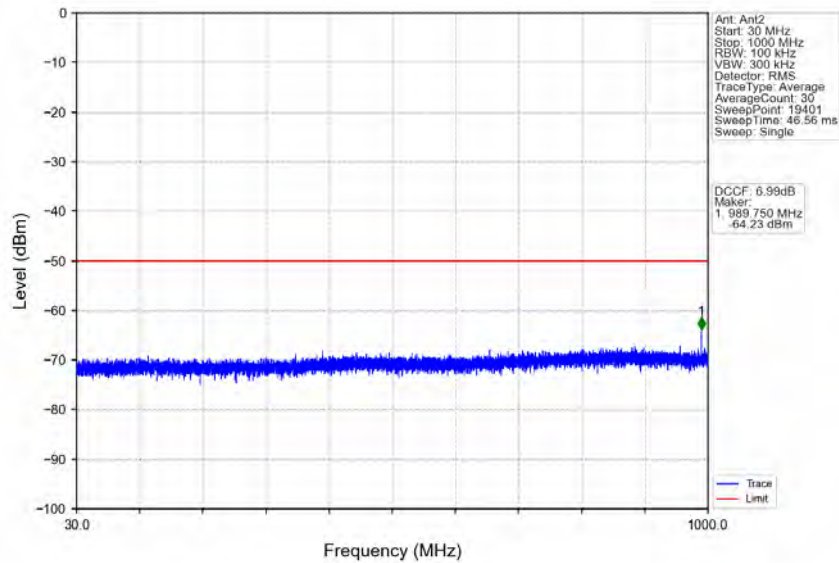
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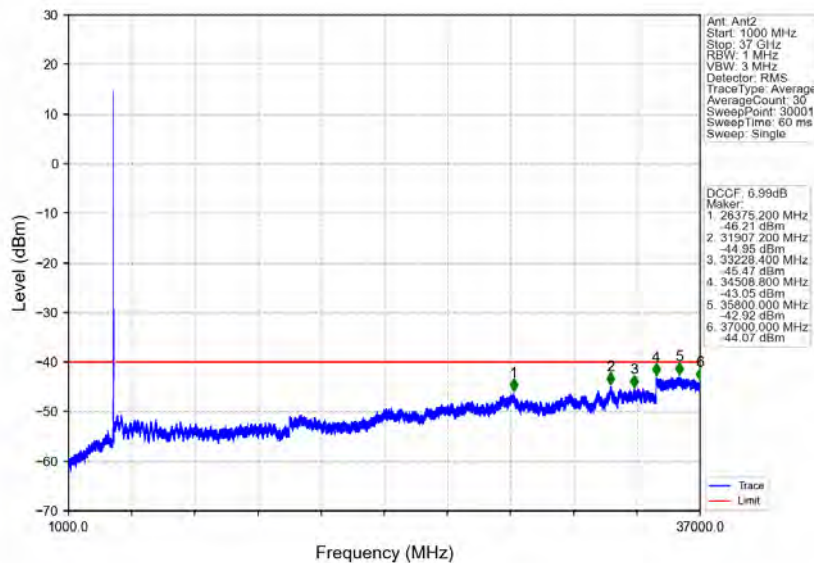
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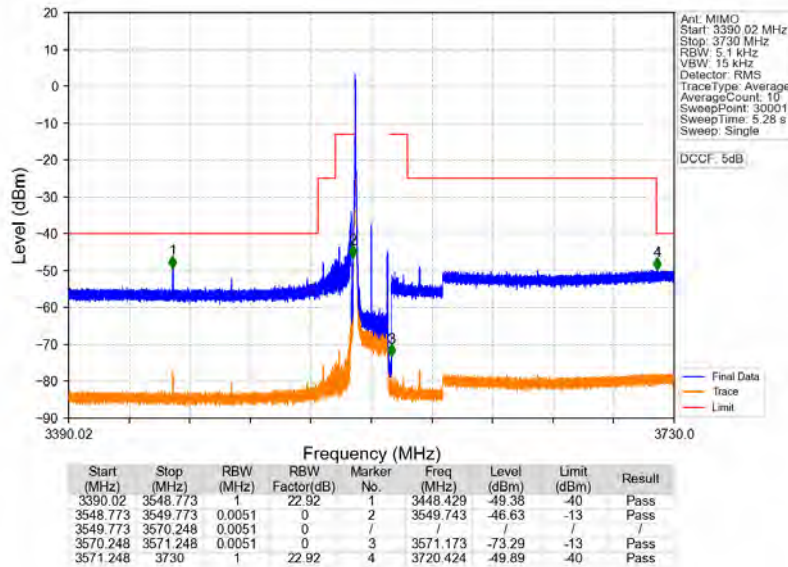
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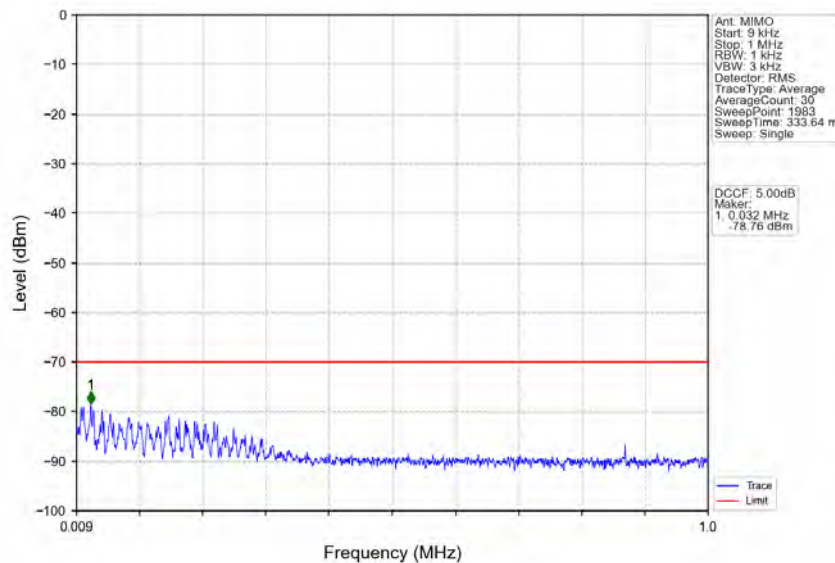
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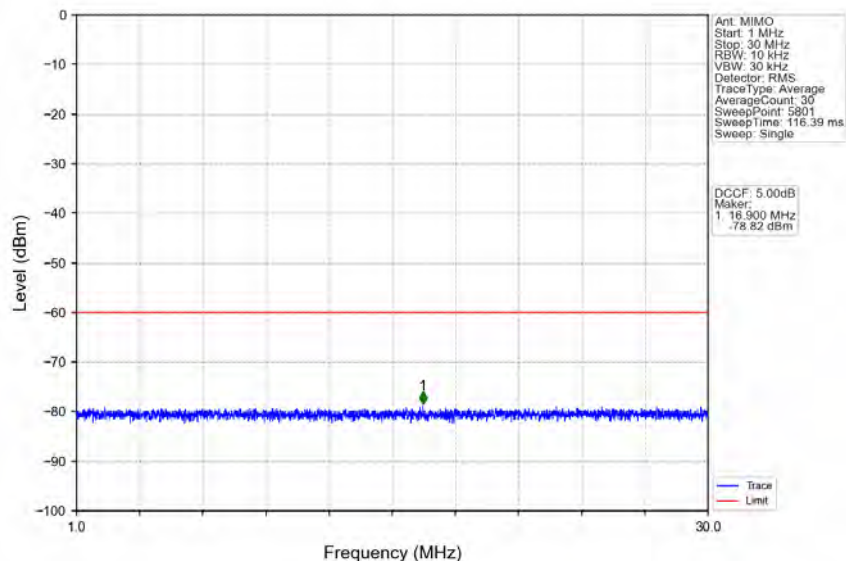
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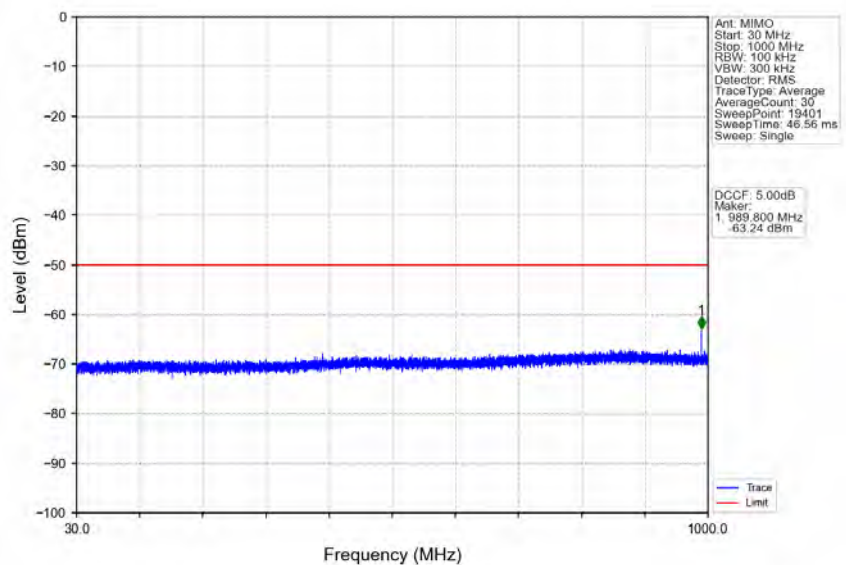
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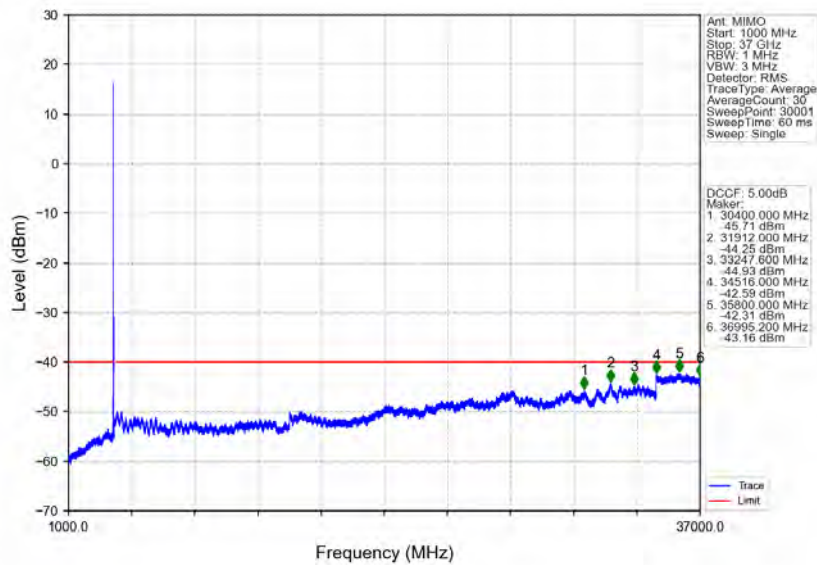
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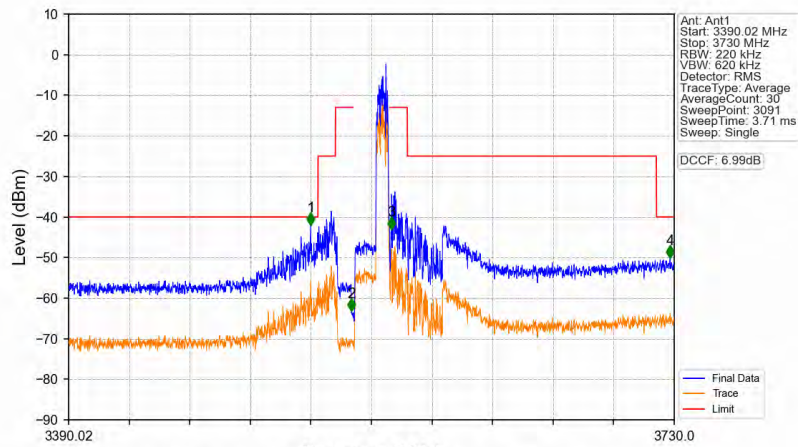
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3390.02	3548.773	1	6.58	1	3525.902	-41.98	-40	Pass
3548.773	3549.773	0.22	0	2	3548.897	-63.13	-13	Pass
3549.773	3570.248	0.22	0	3	3571.233	-43.09	-13	Pass
3570.248	3571.248	0.22	0	4	3727.689	-50.19	-40	Pass
3571.248	3730	1	6.58					



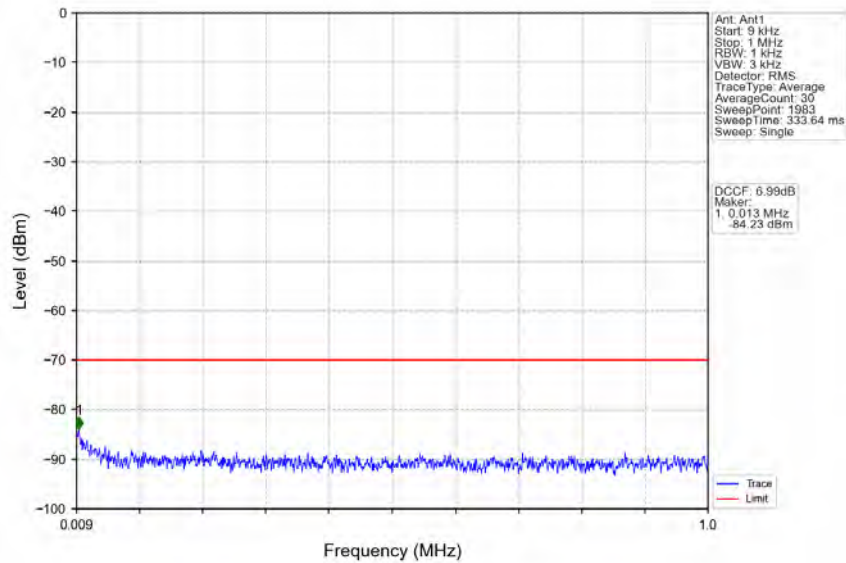
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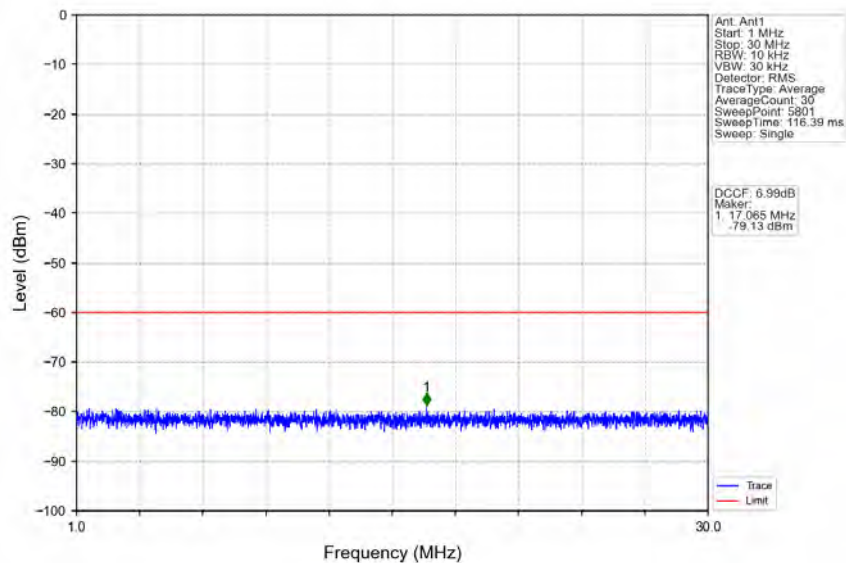
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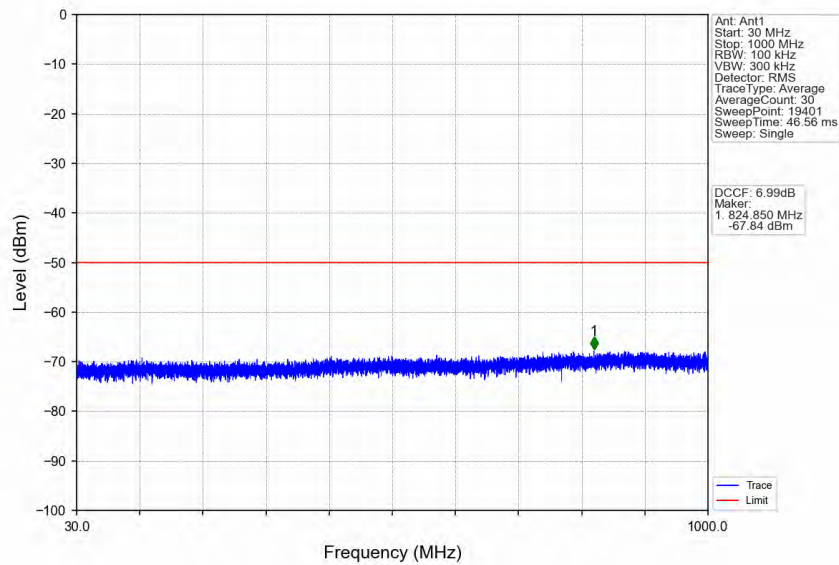
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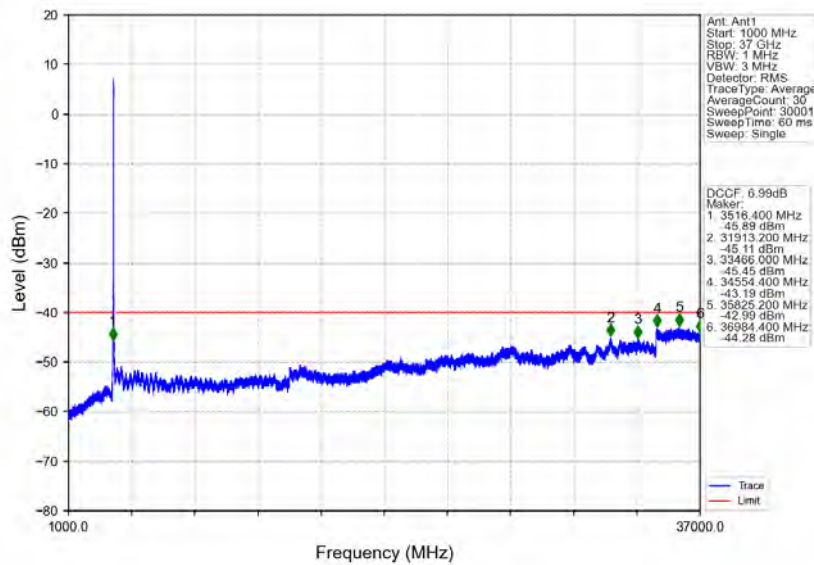
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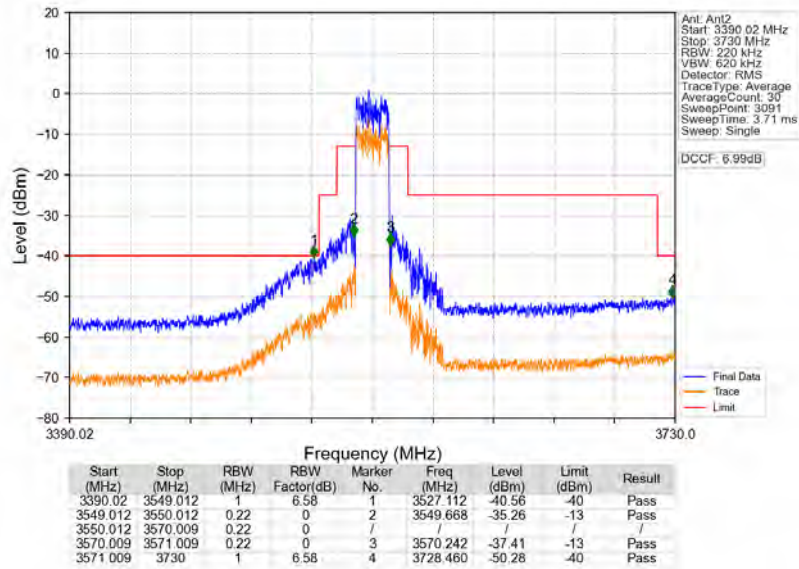
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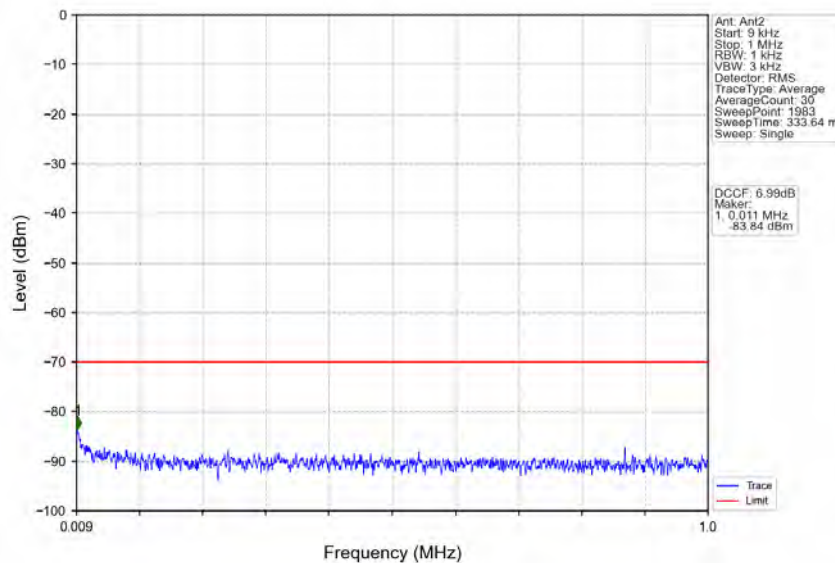
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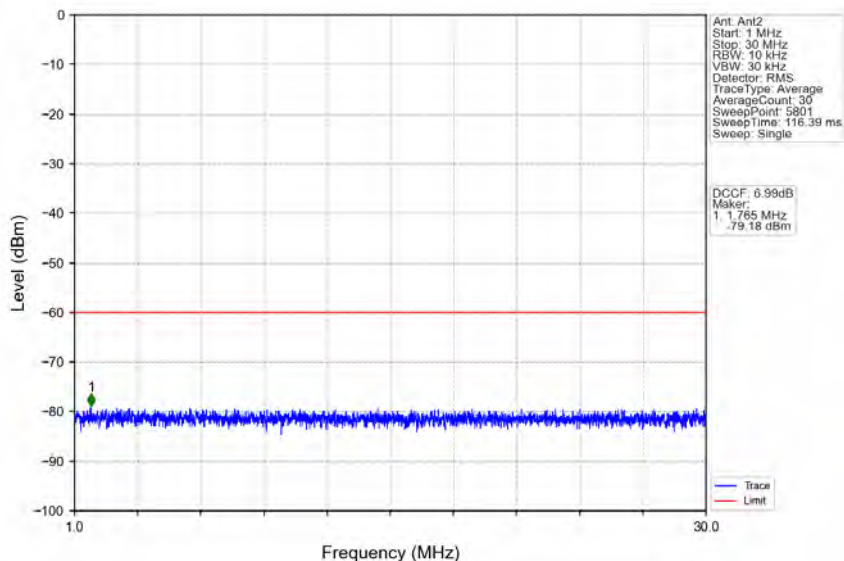
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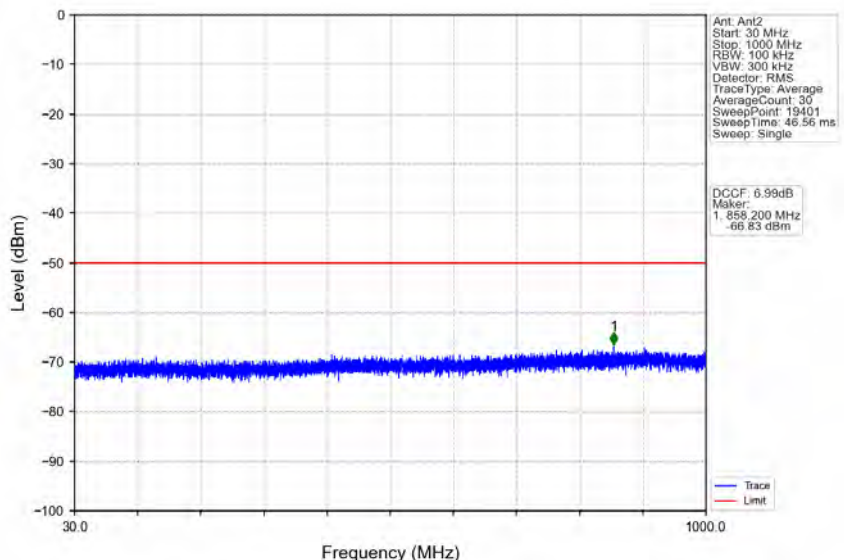
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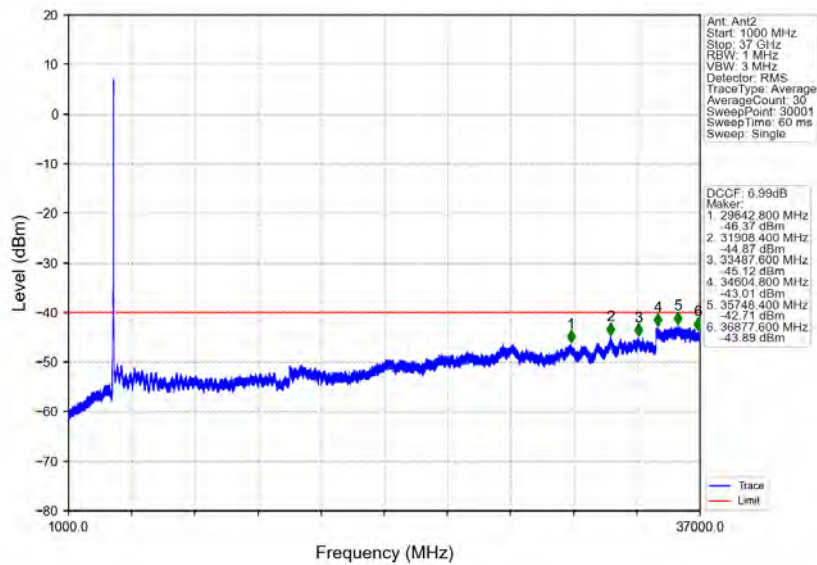
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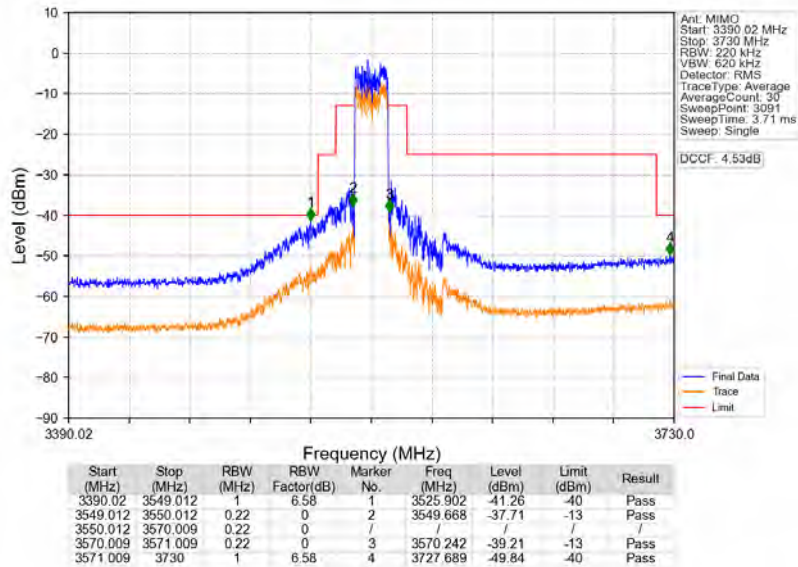
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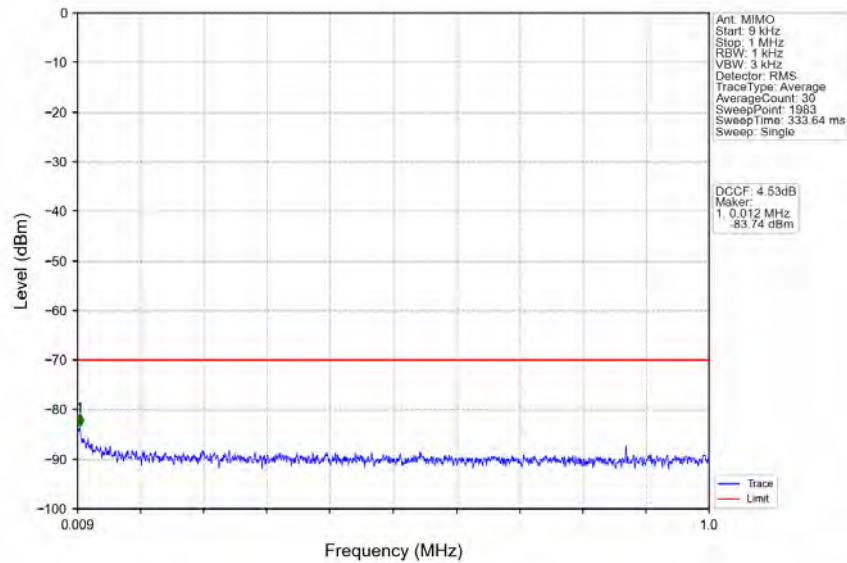
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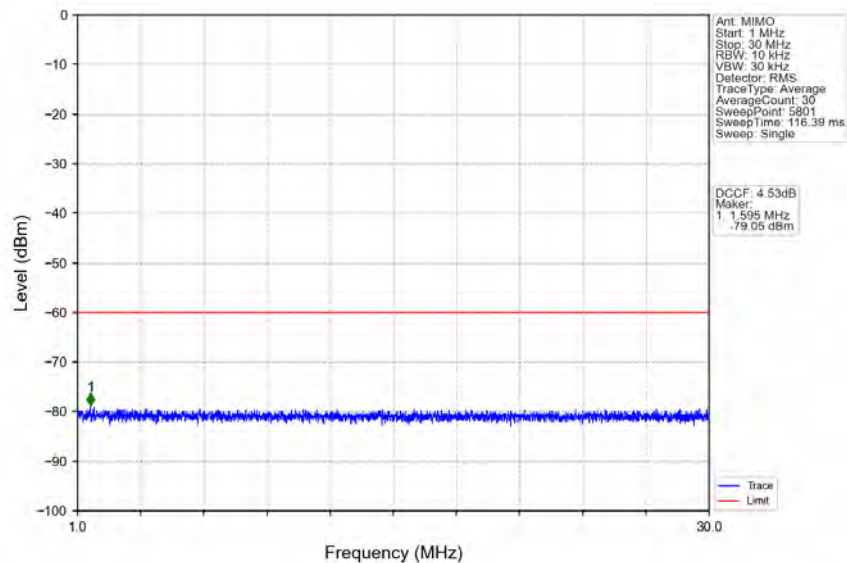
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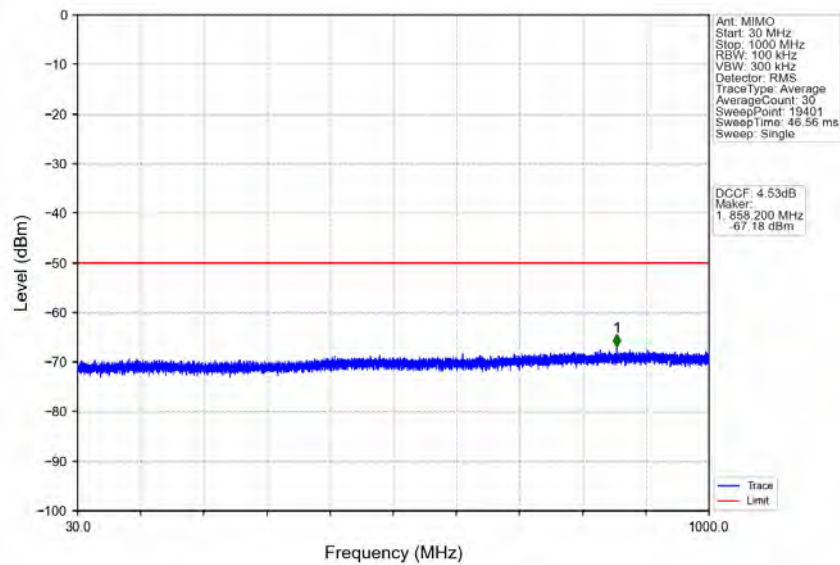
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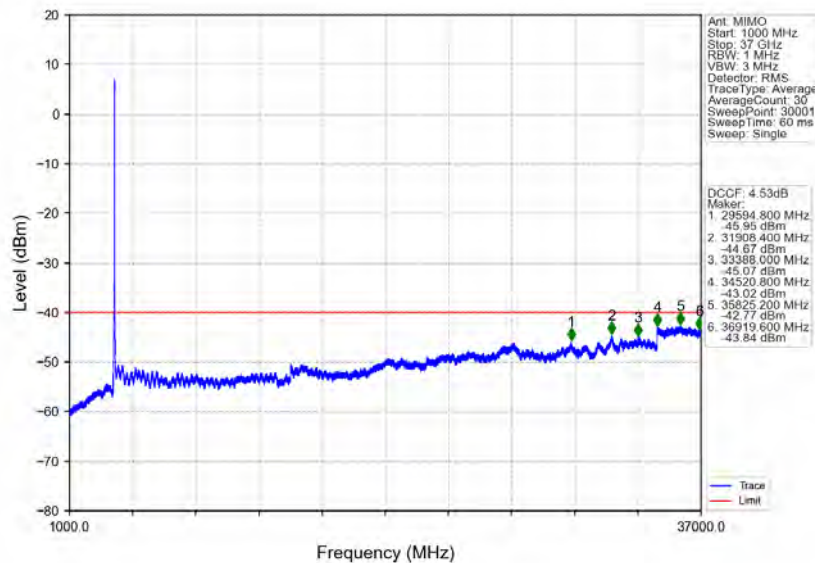
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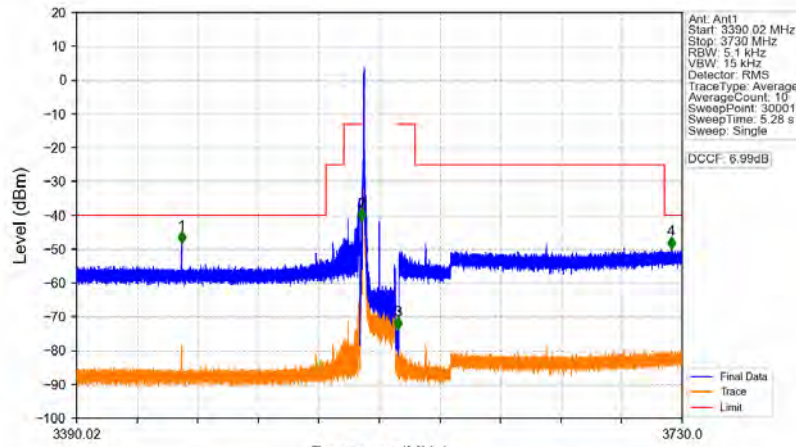
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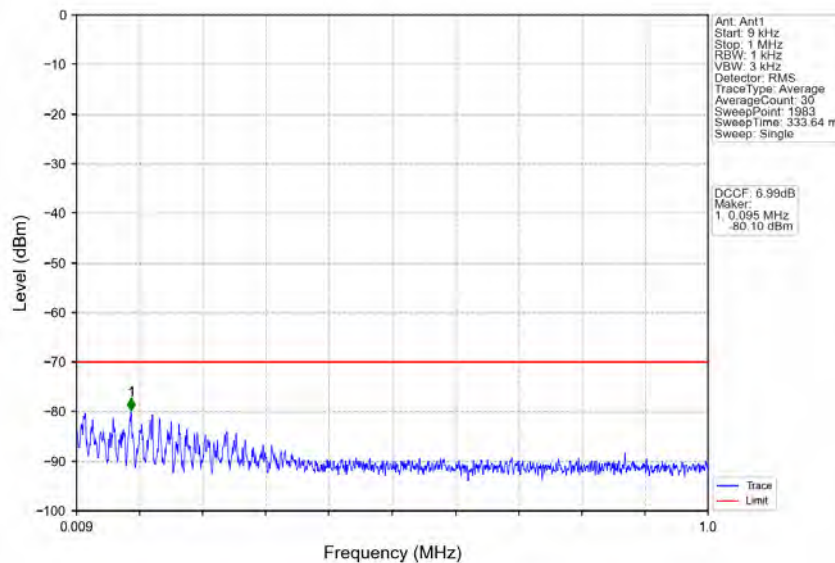
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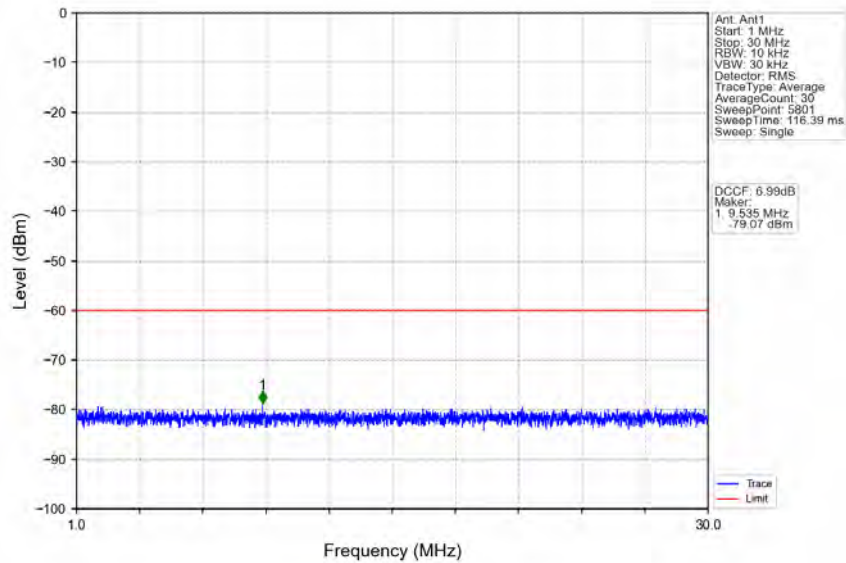
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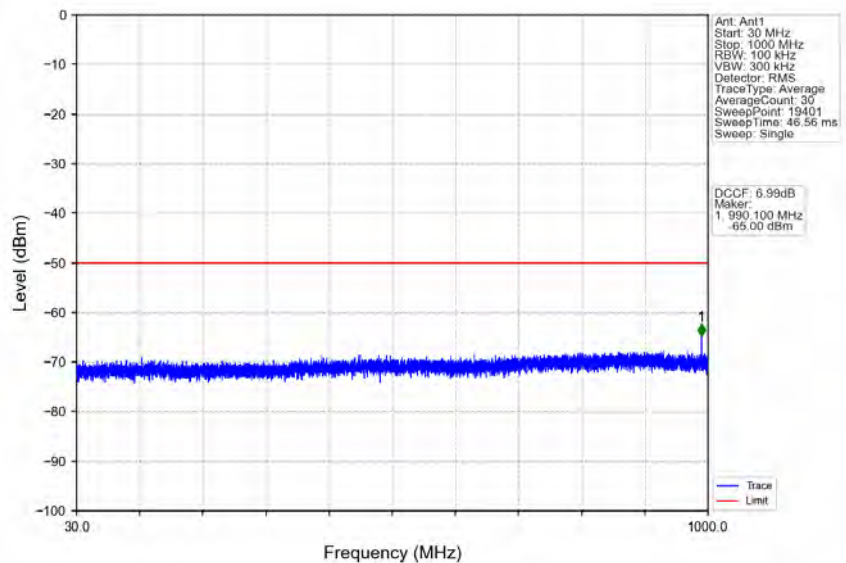
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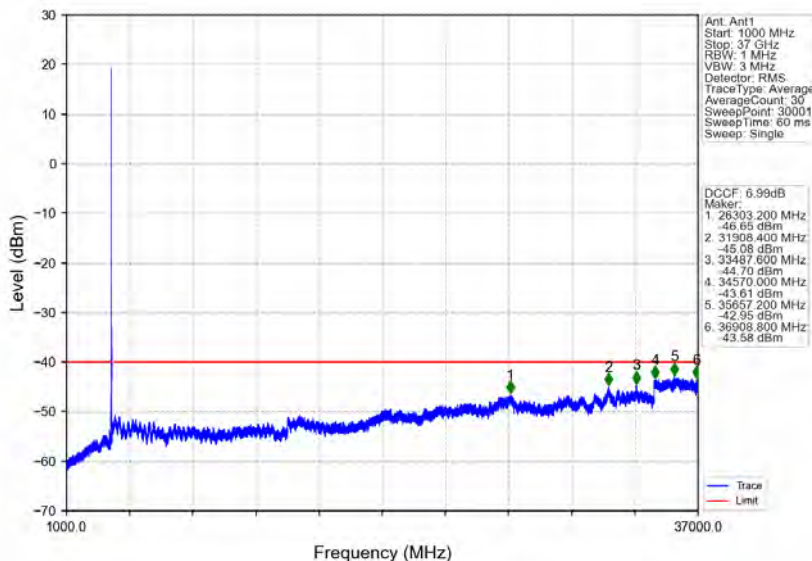
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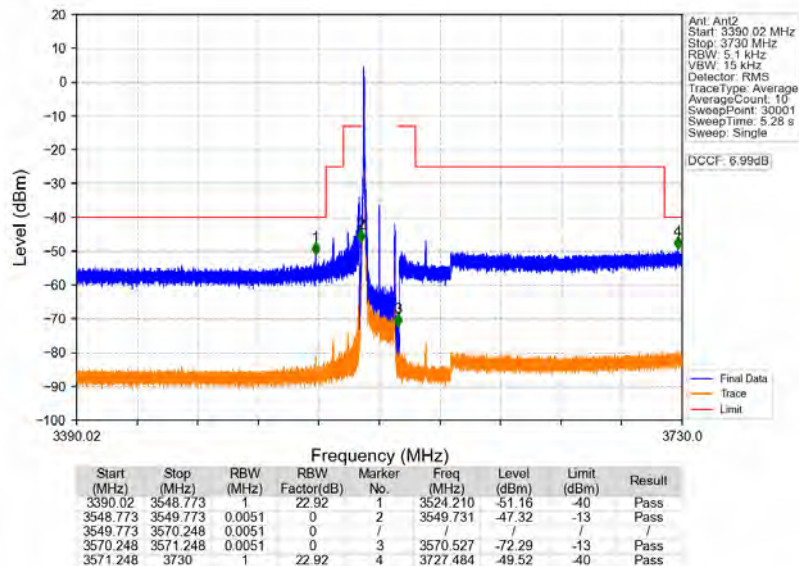
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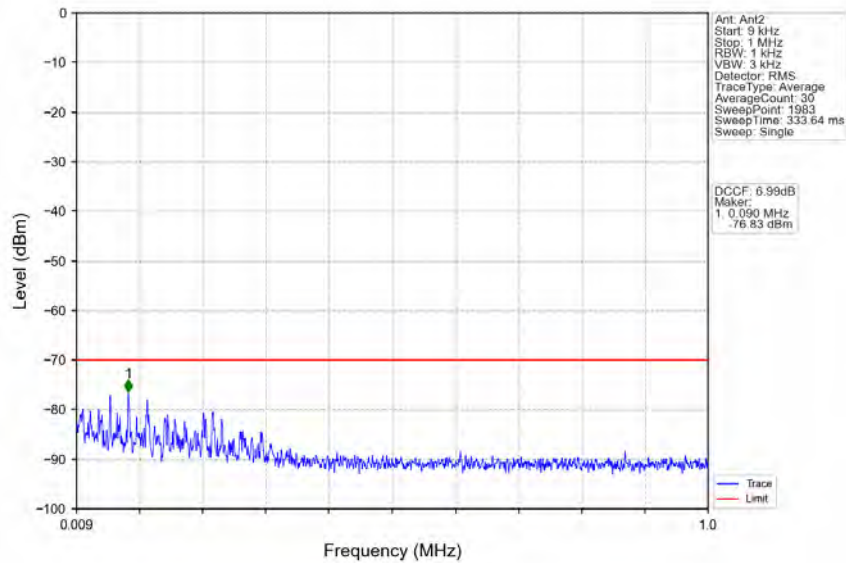
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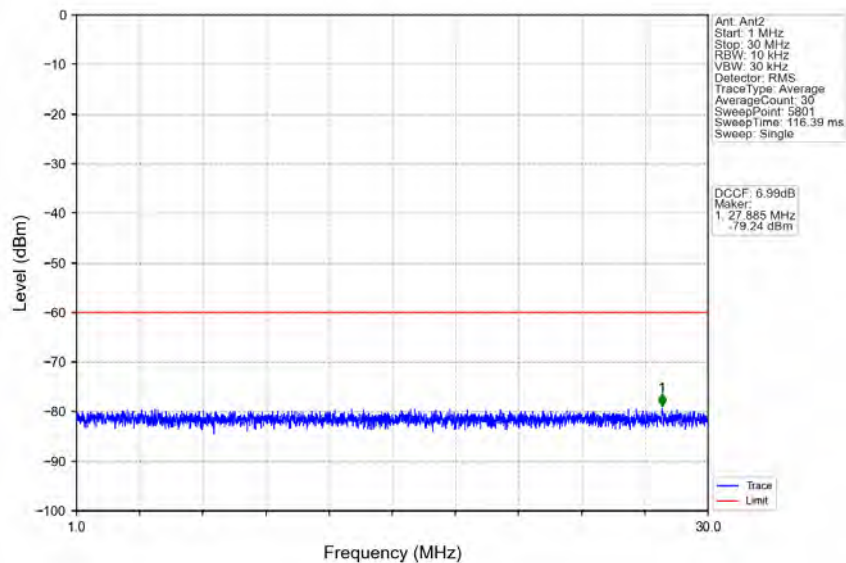
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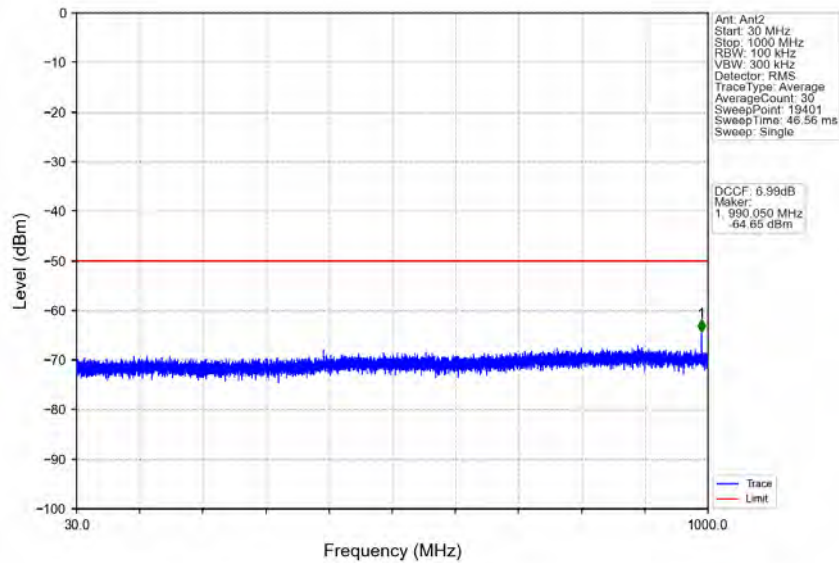
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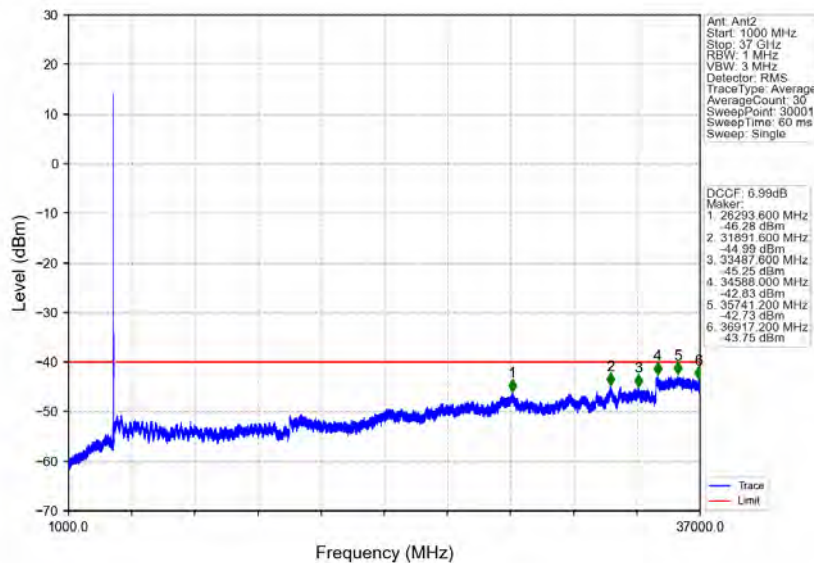
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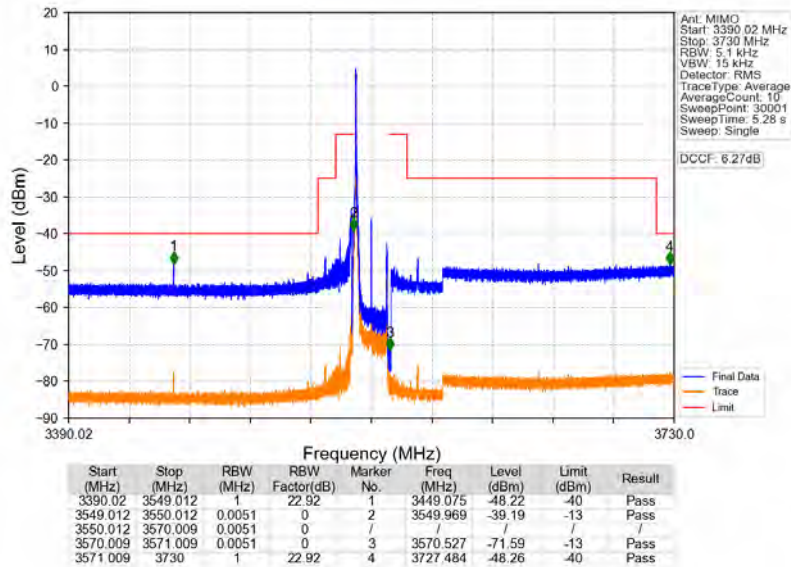
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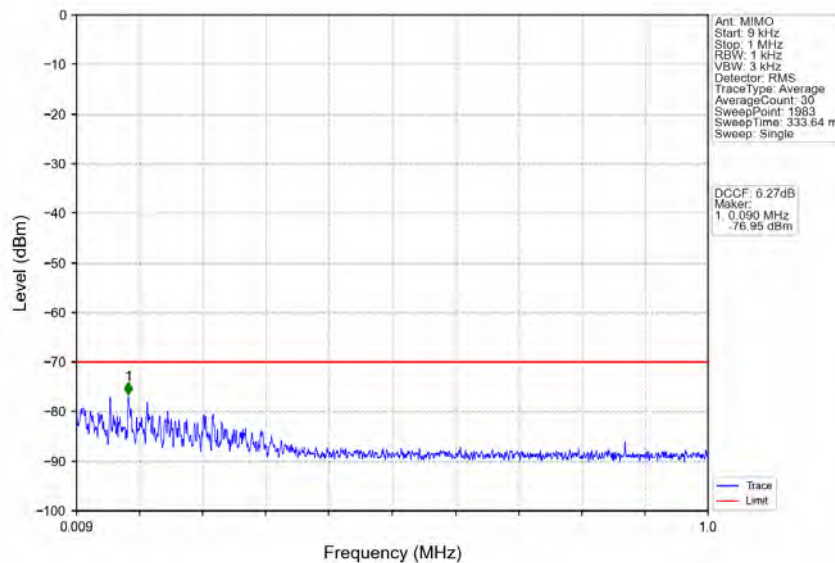
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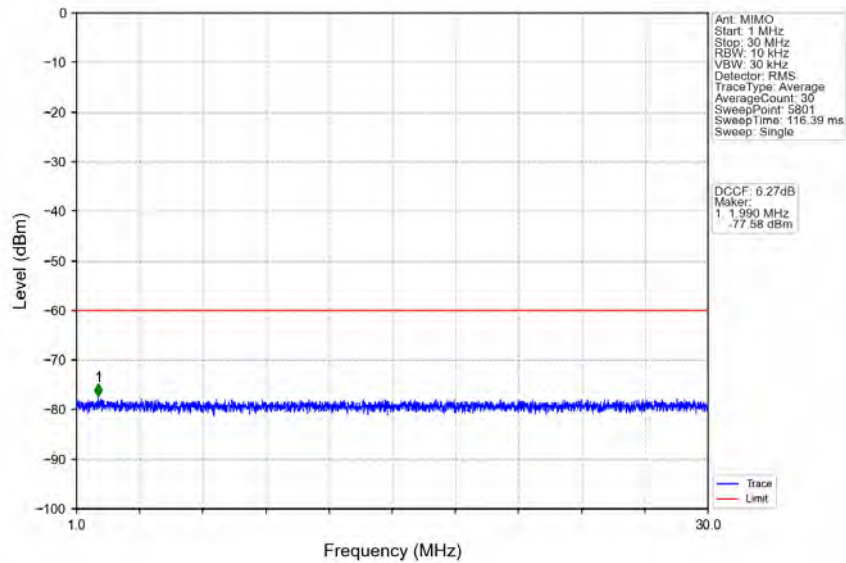
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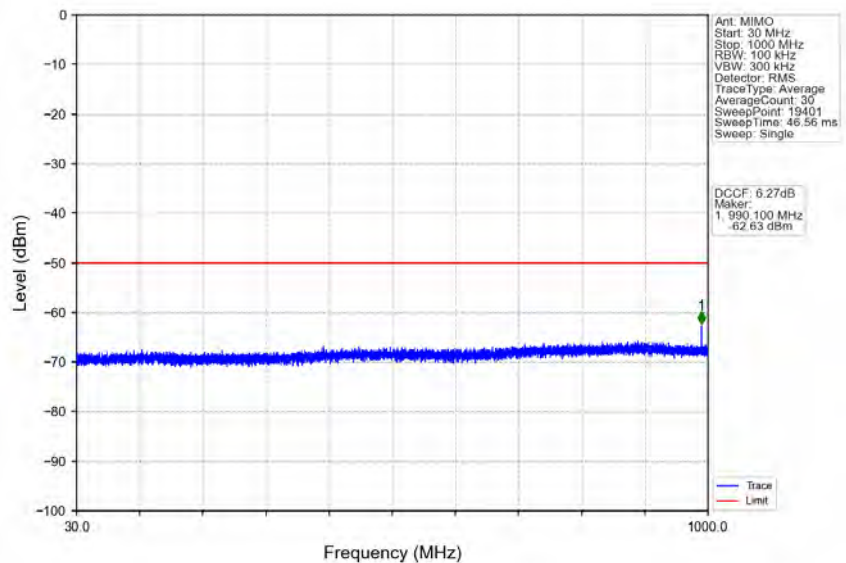


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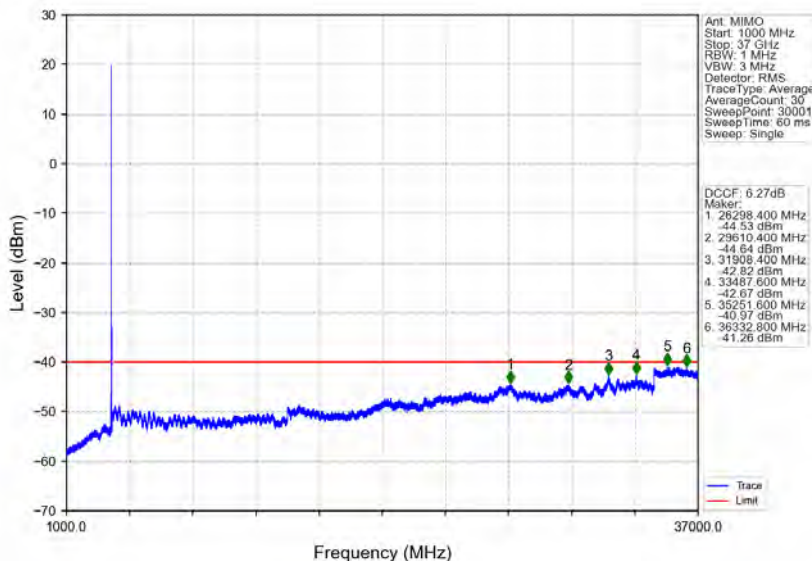
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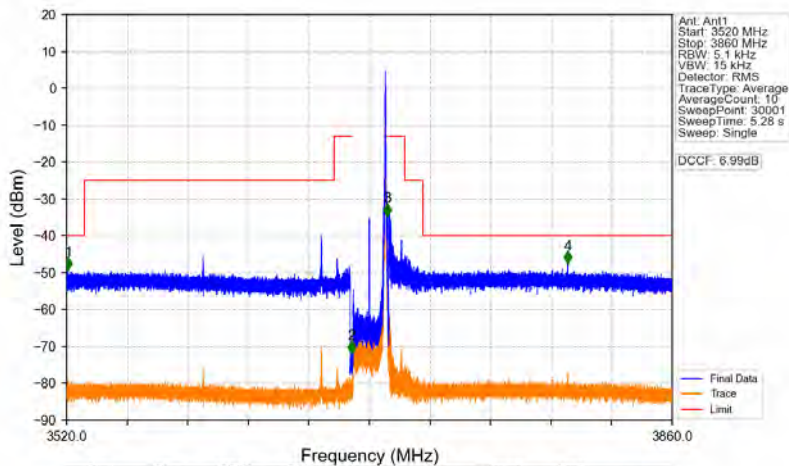
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n78d_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3690MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3679.188	1	22.92	1	3520.884	-49.26	-40	Pass
3679.188	3680.188	0.0051	0	2	3680.004	-71.88	-13	Pass
3680.188	3699.813	0.0051	0	3	3699.883	-34.61	-13	Pass
3699.813	3700.813	0.0051	0	4	3801.373	-47.54	-40	Pass
3700.813	3860	1	22.92					



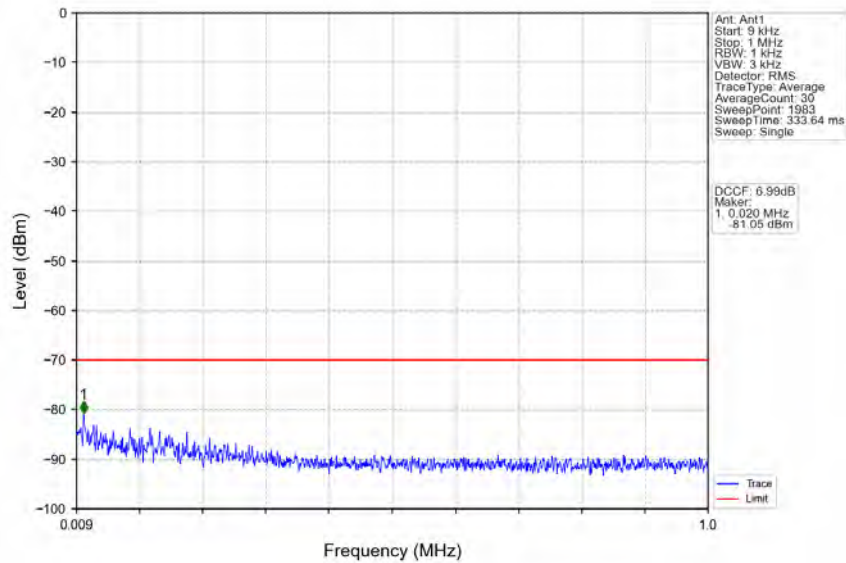
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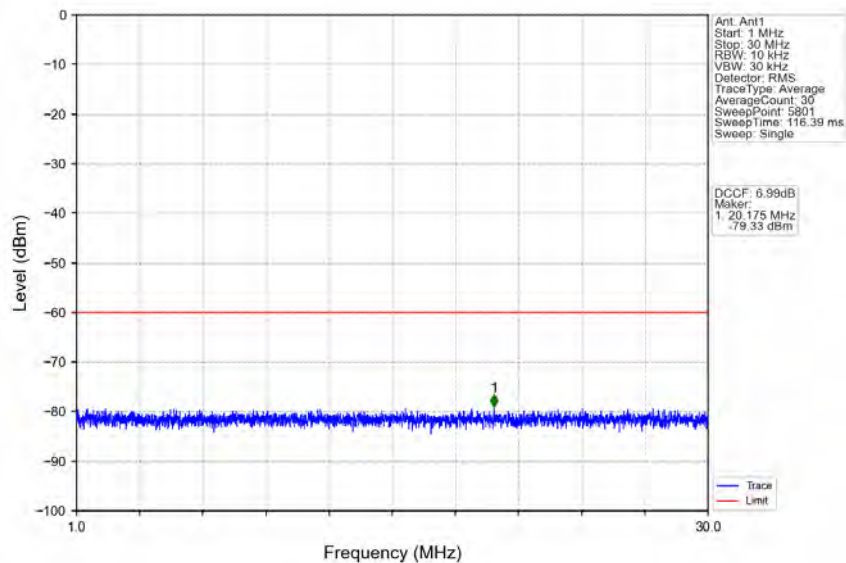
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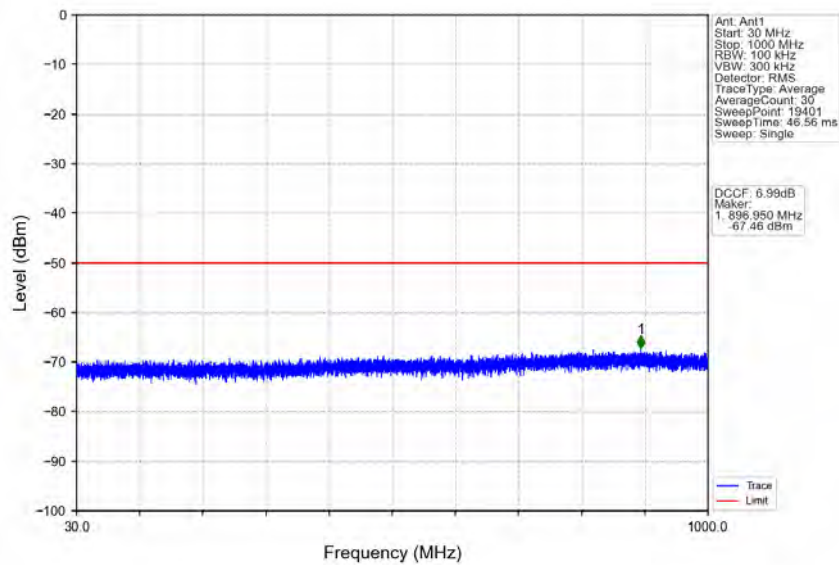
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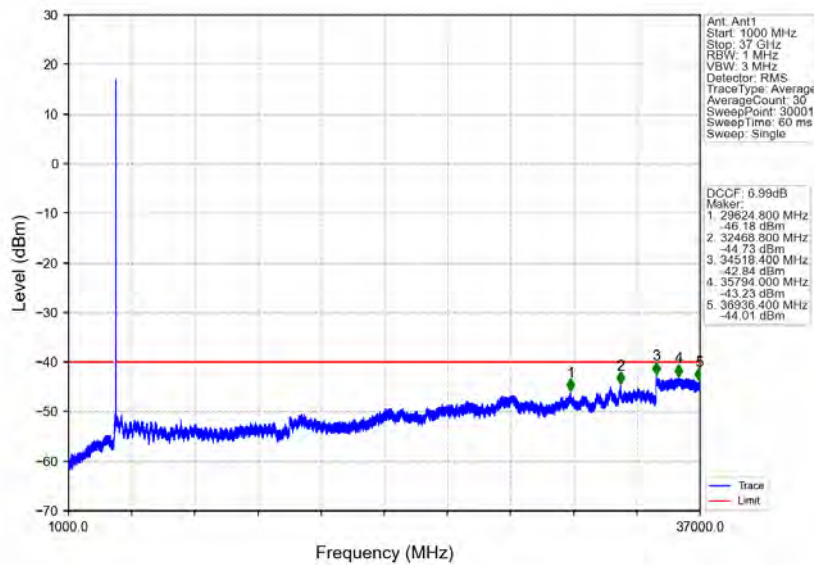
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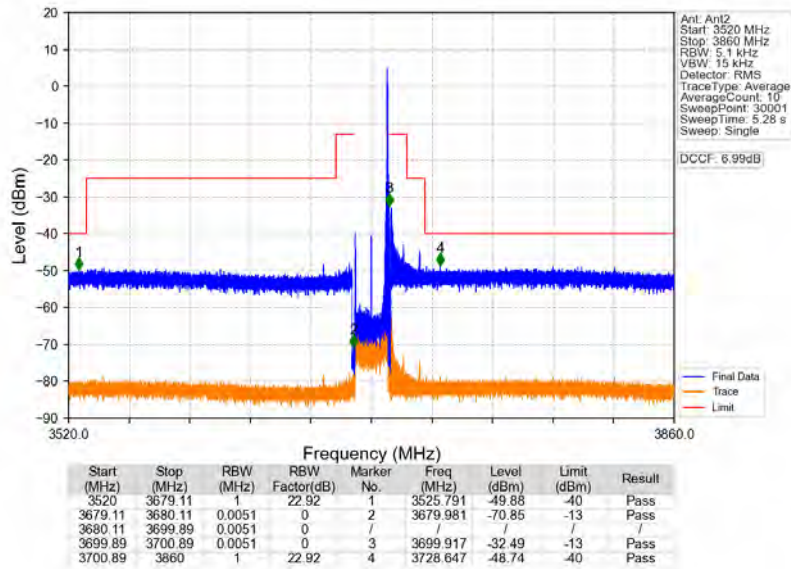
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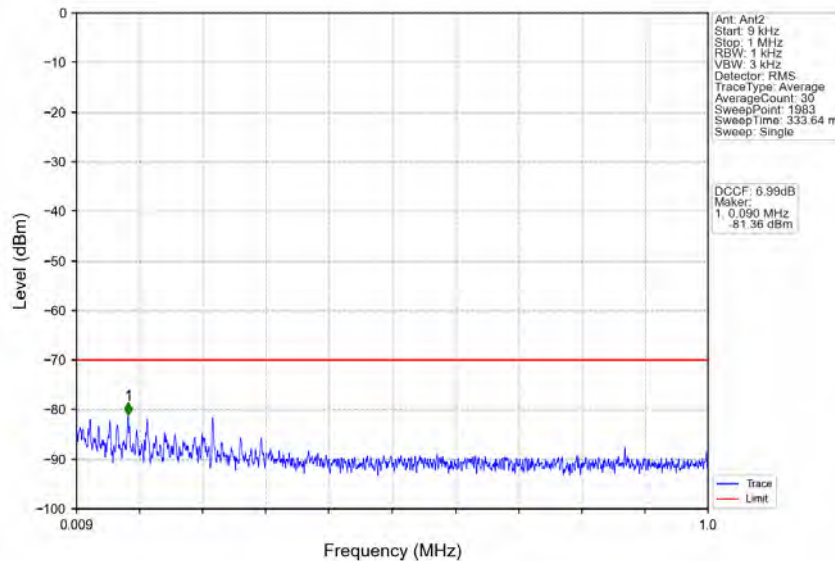
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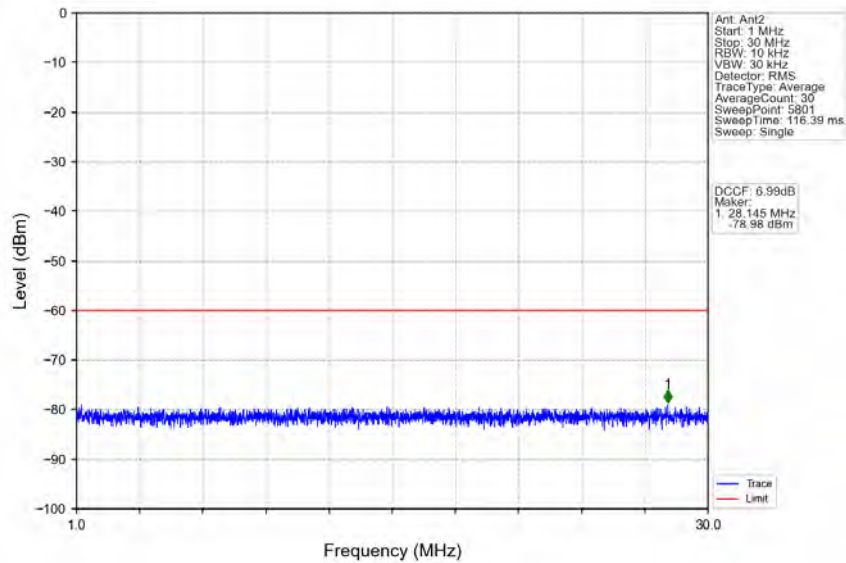
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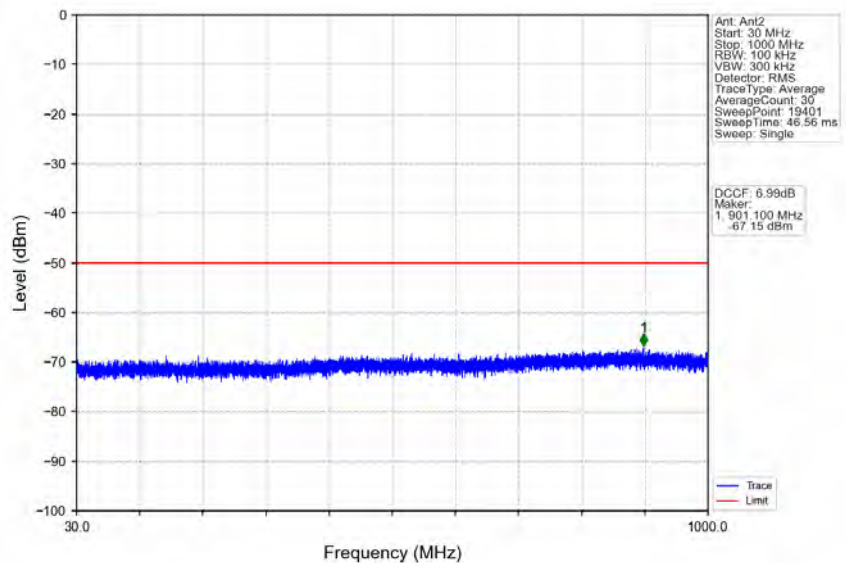
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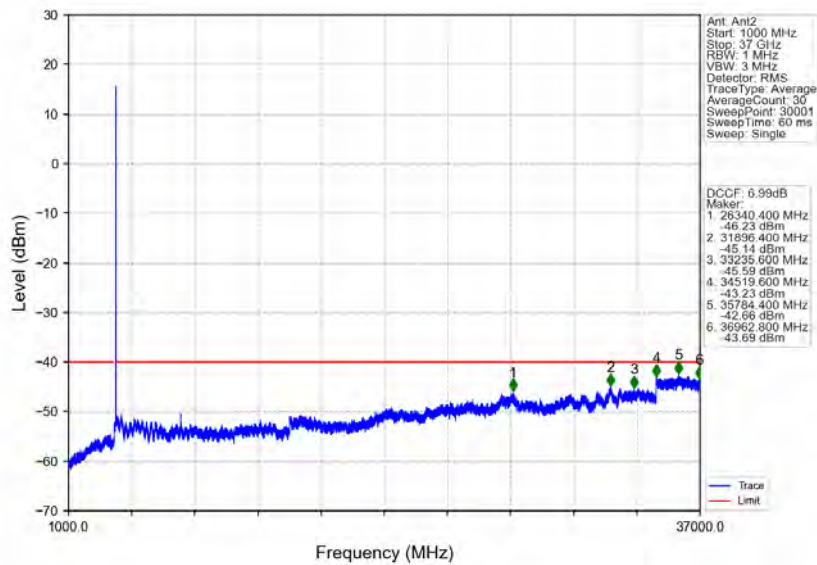
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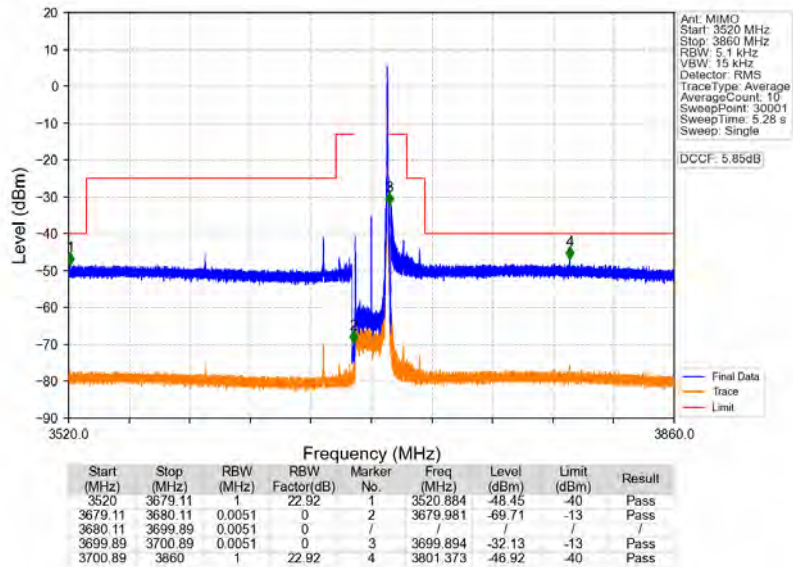
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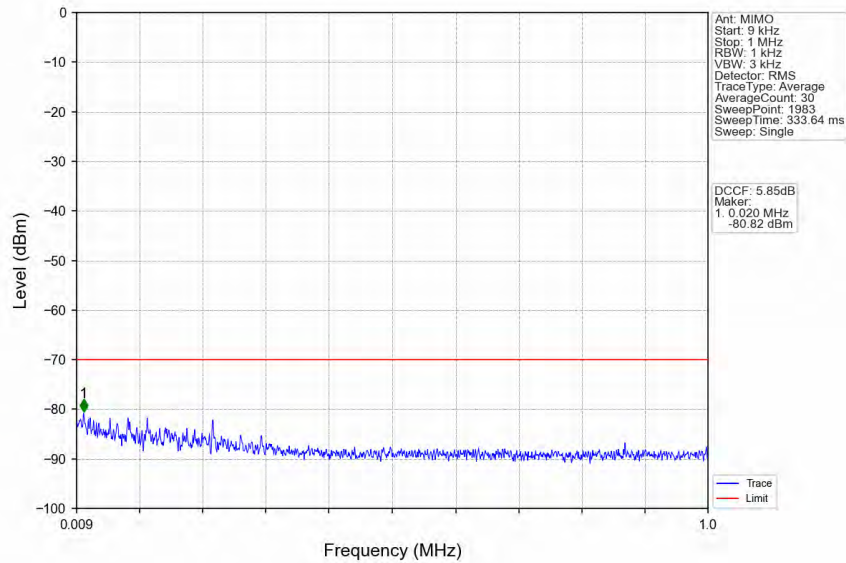
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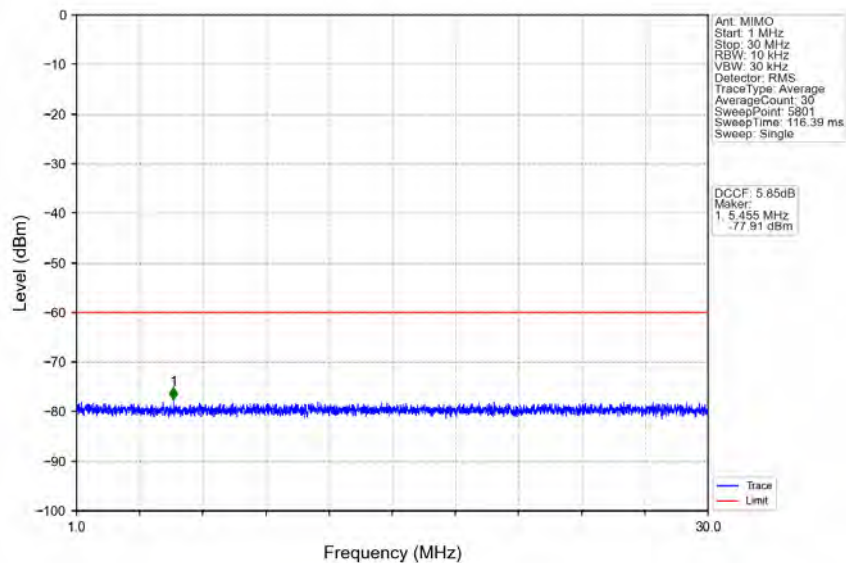


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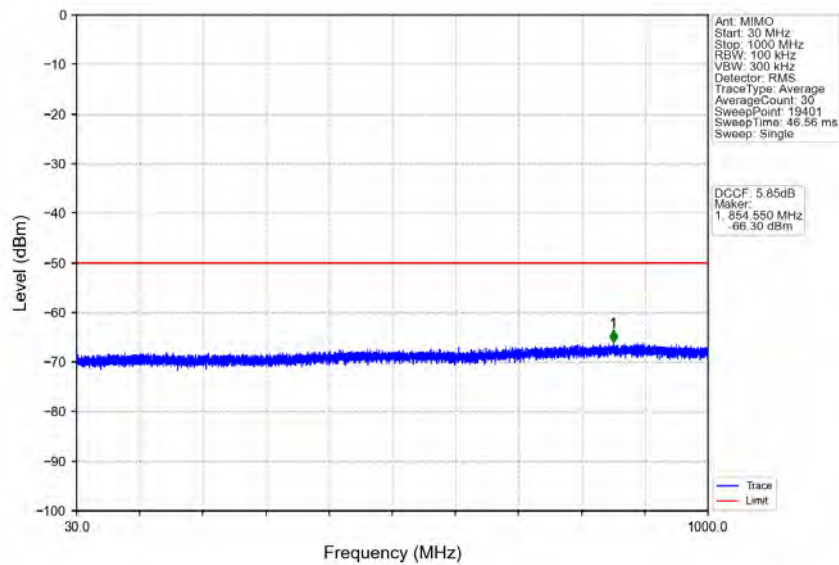
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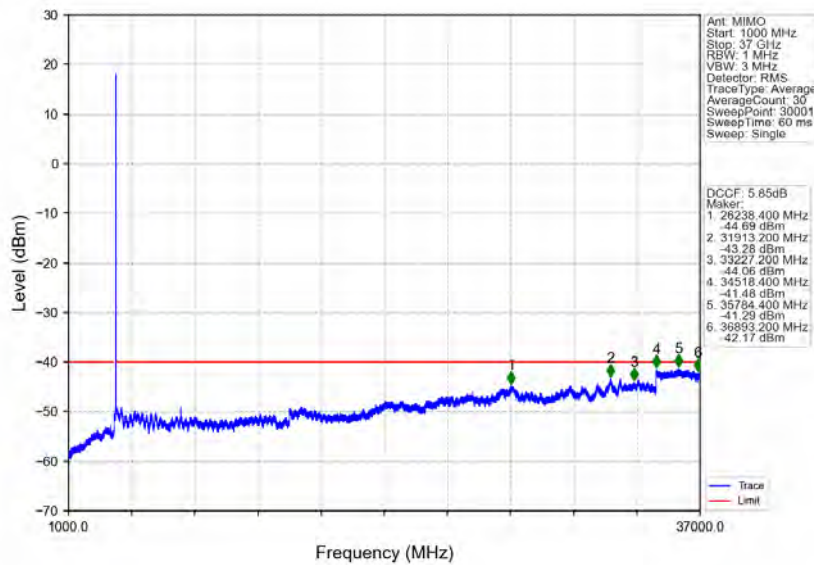
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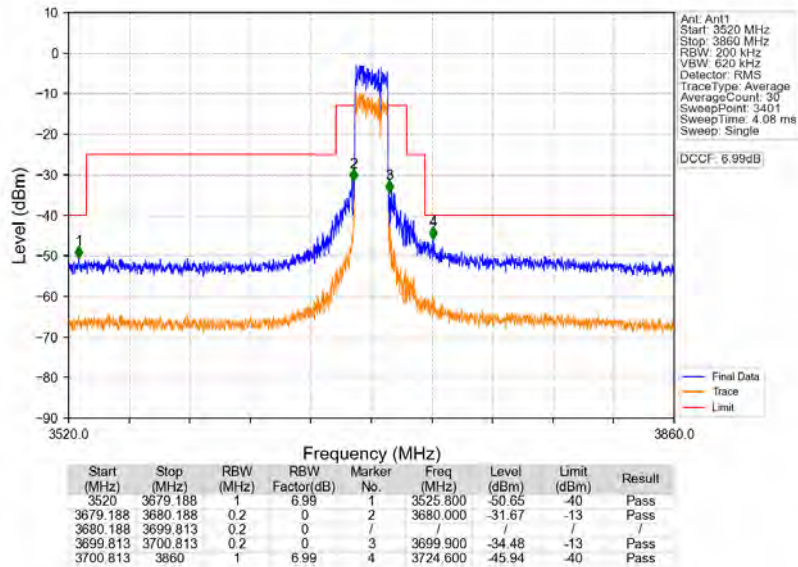
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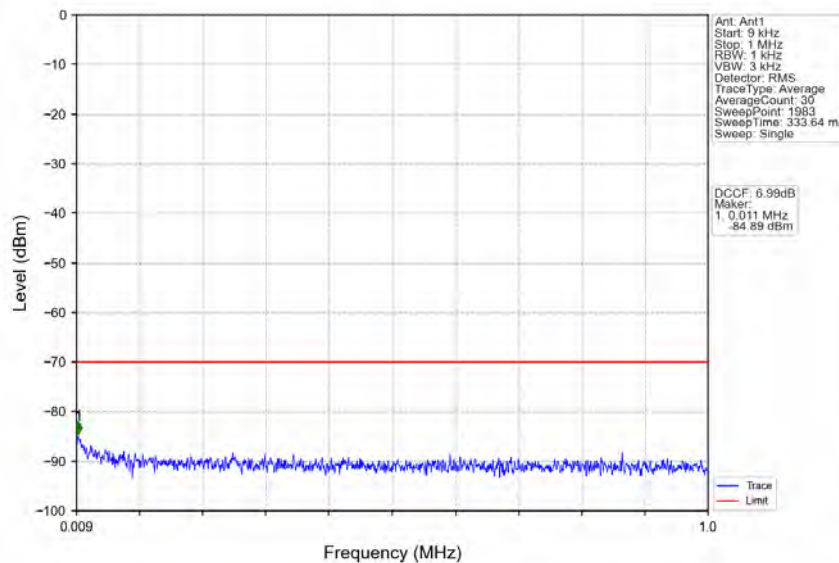
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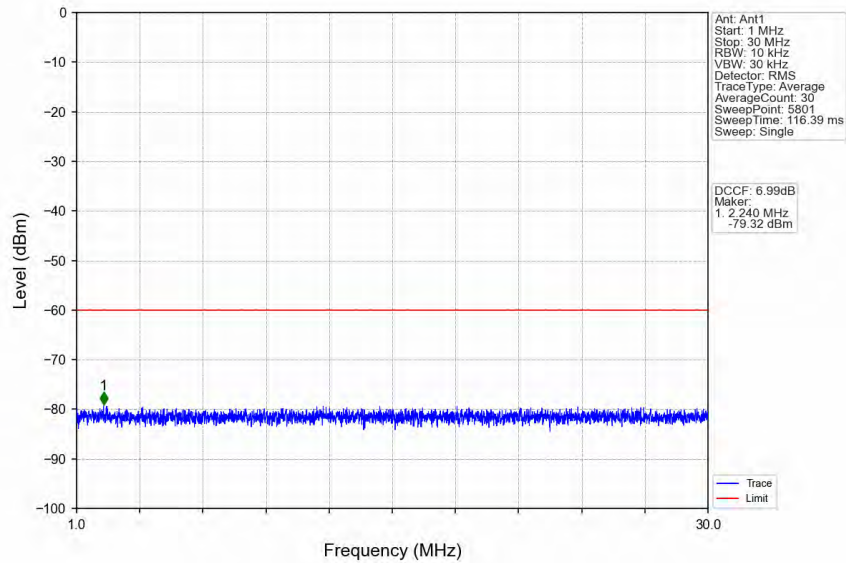
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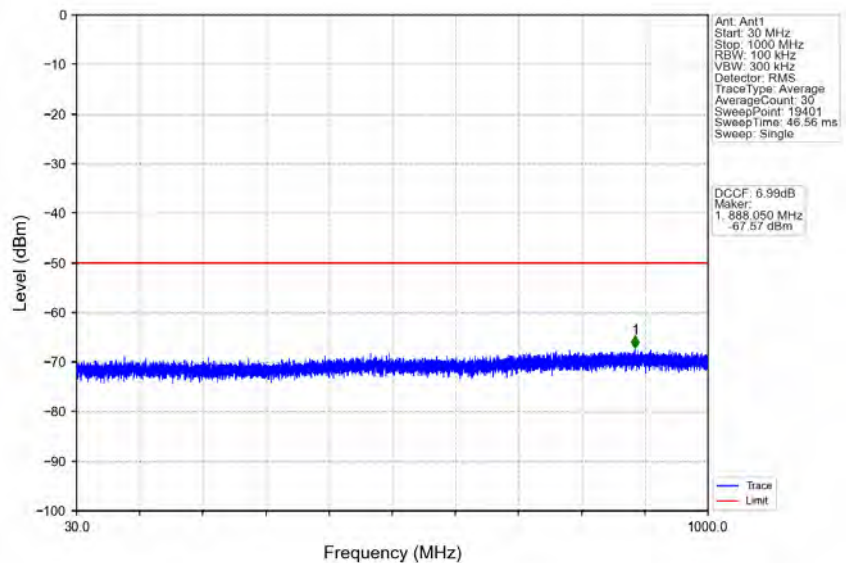


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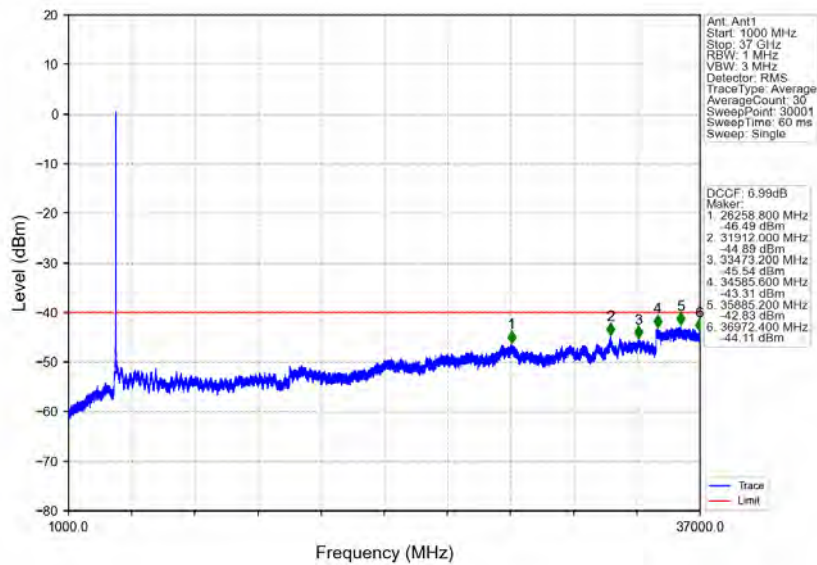
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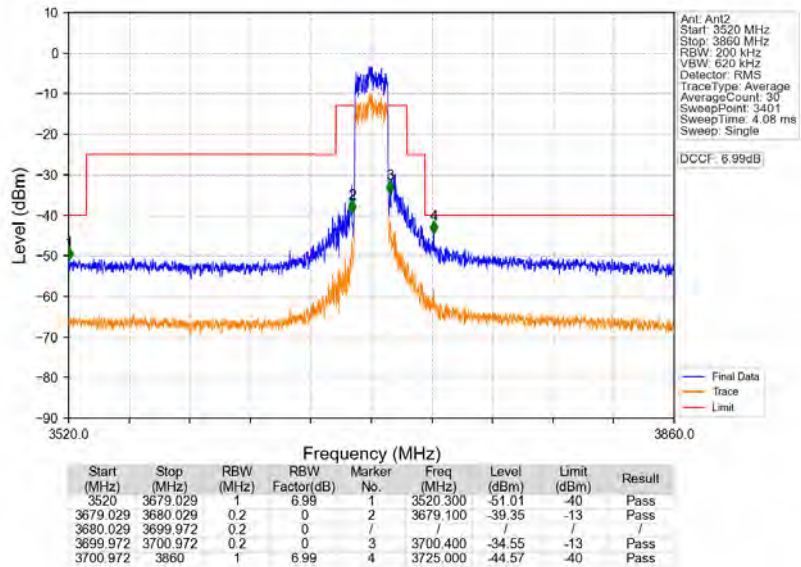
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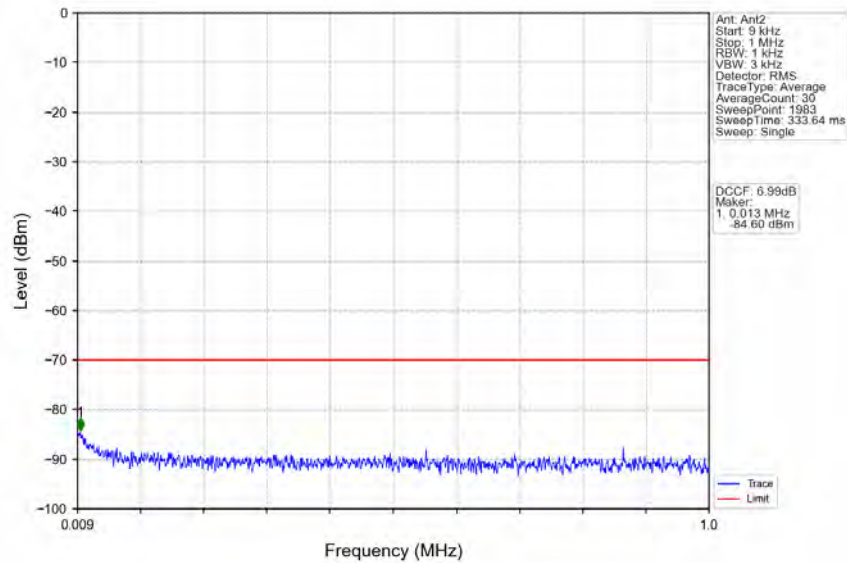
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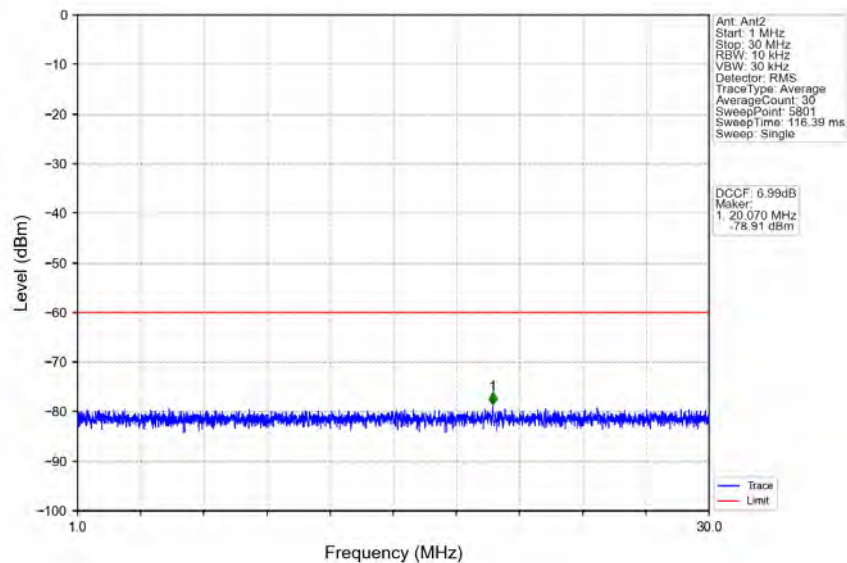
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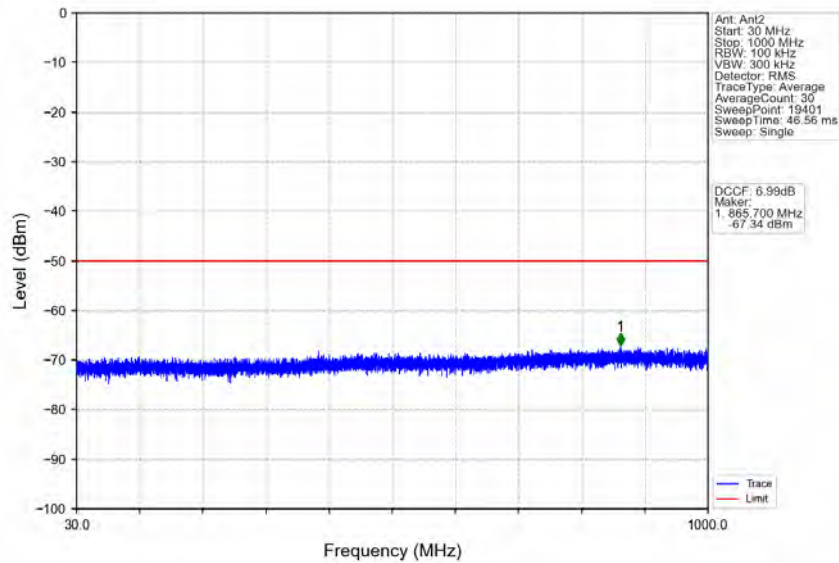
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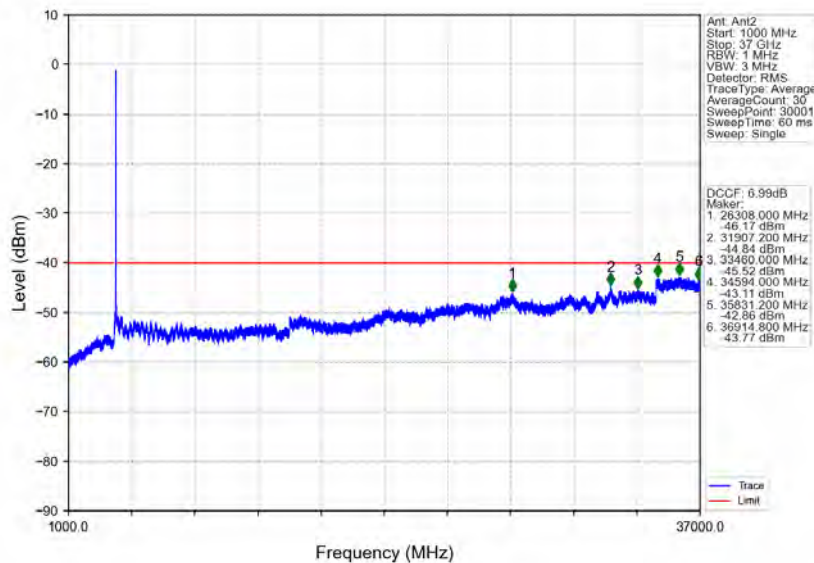
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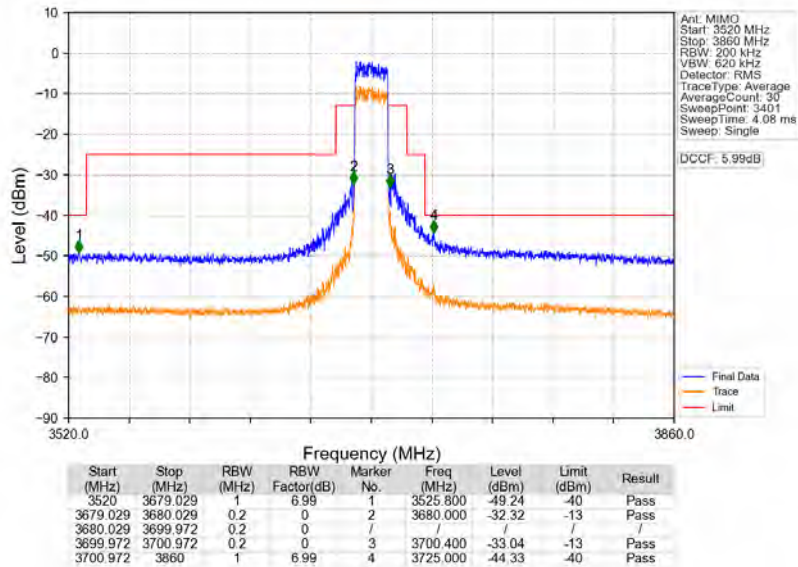
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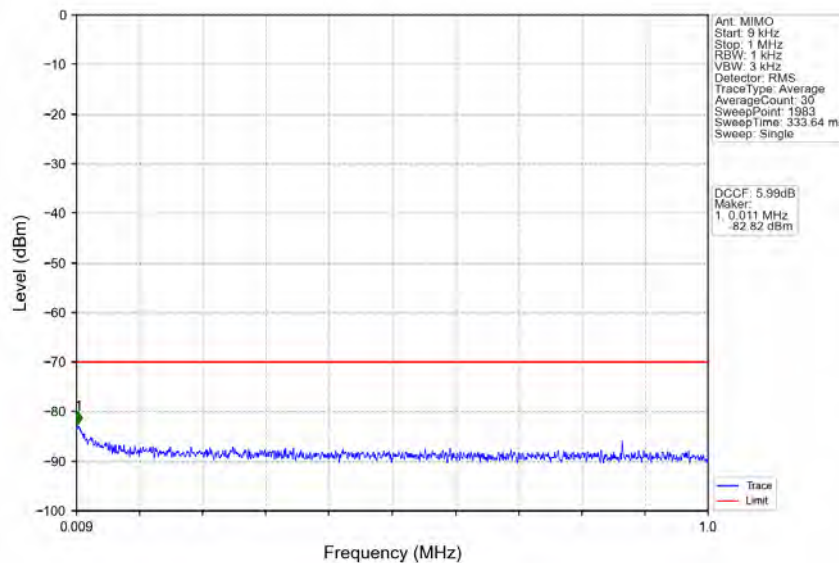
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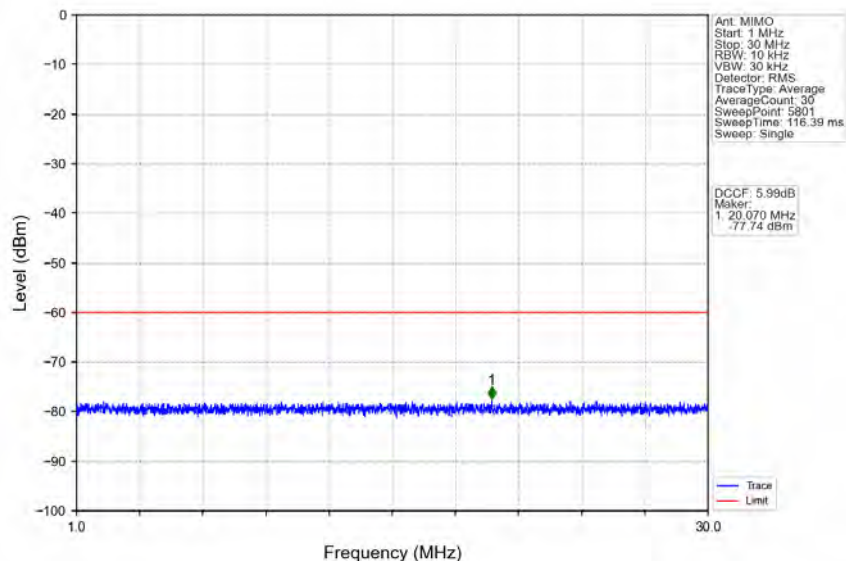
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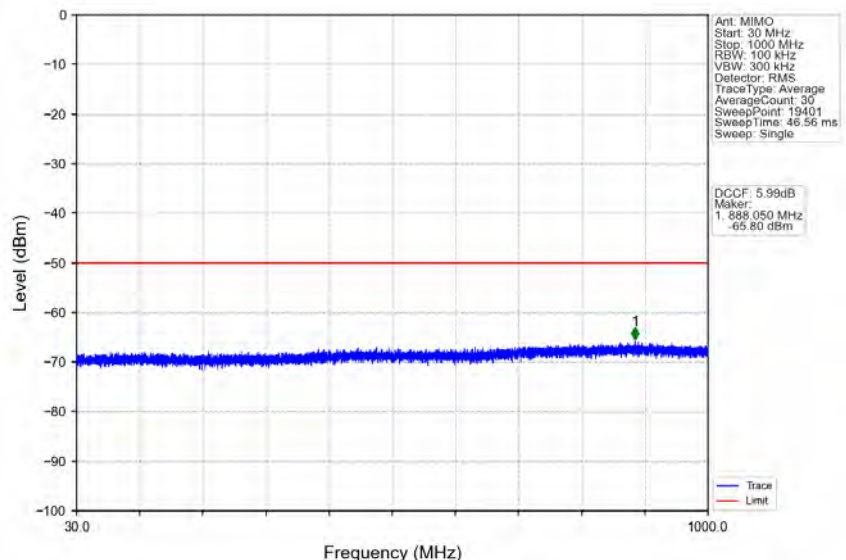


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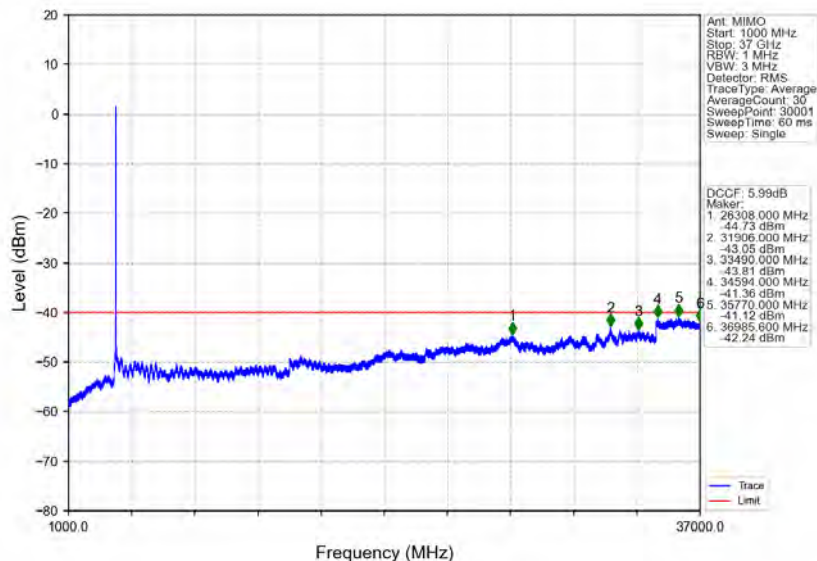
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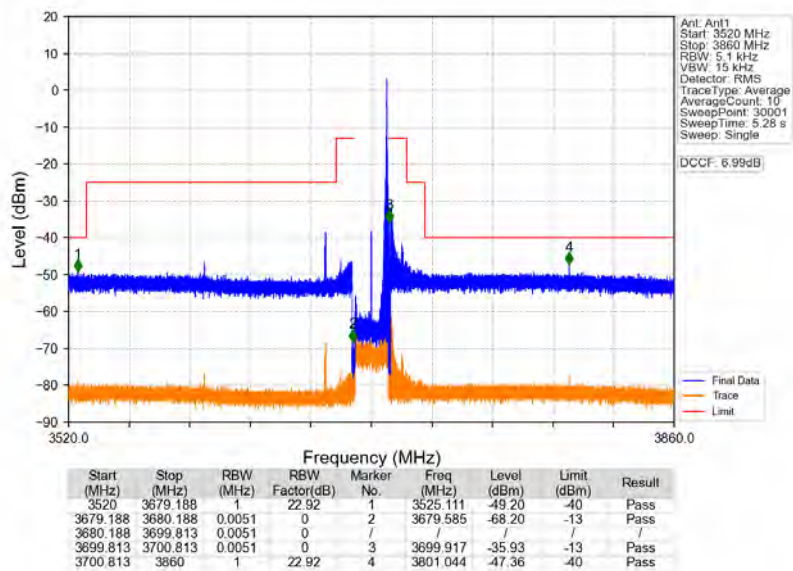
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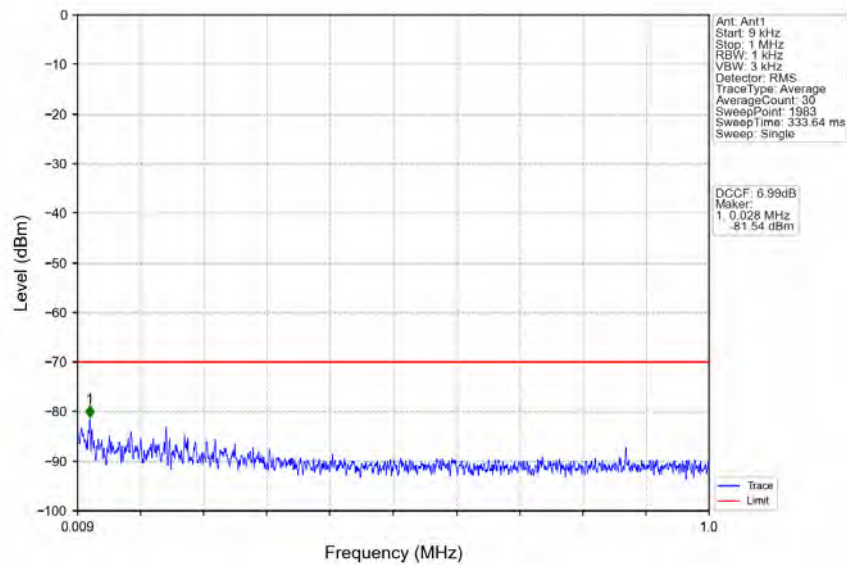
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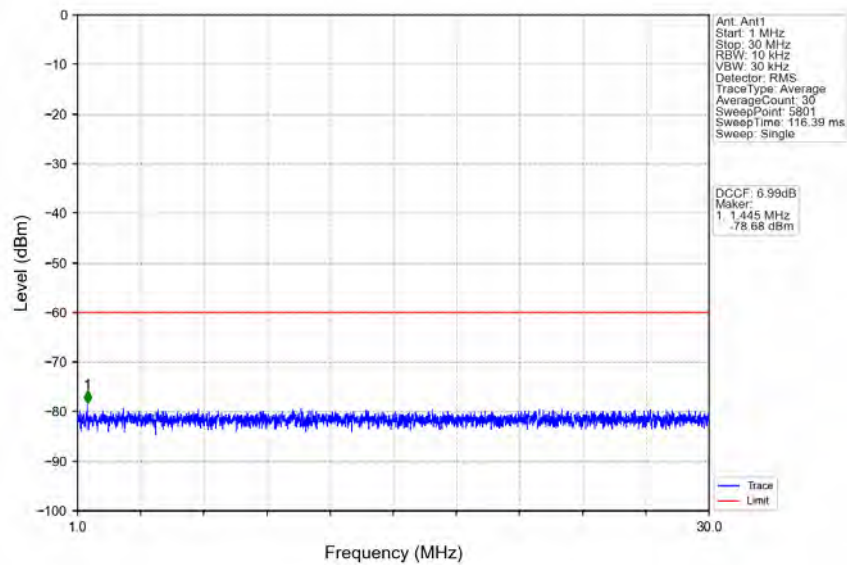
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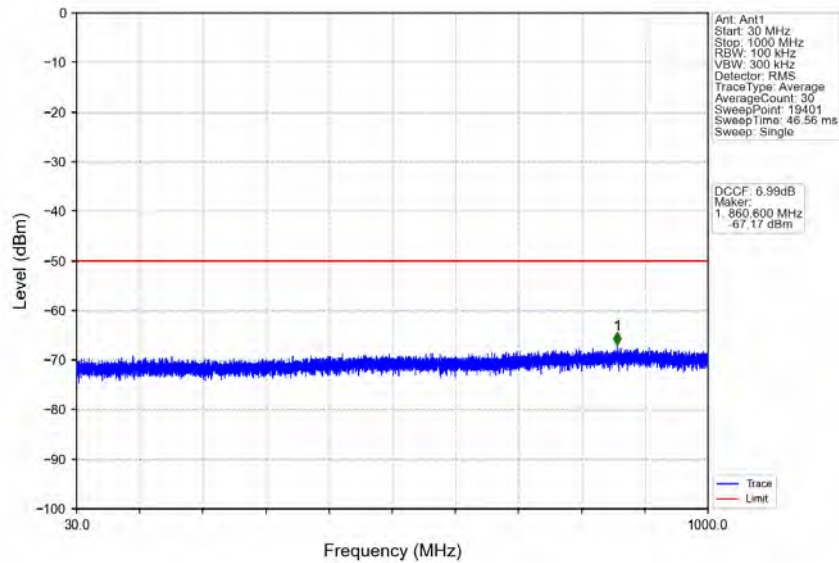
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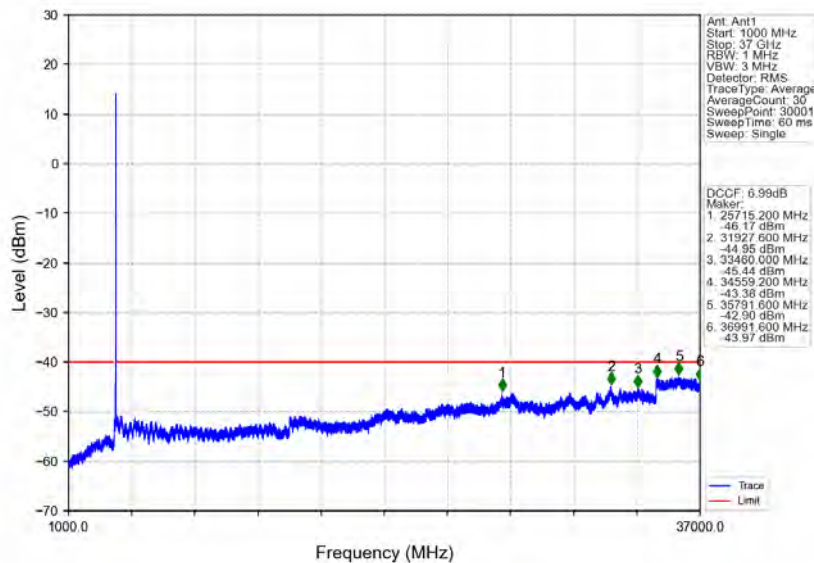
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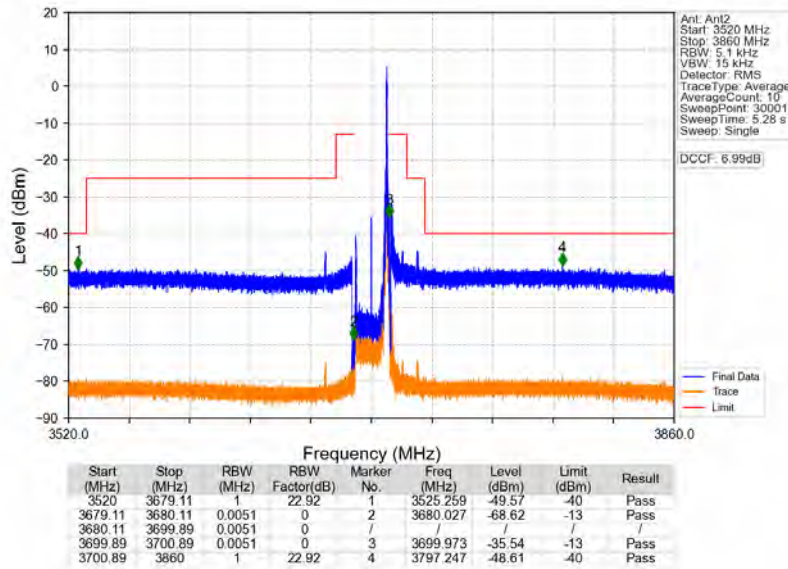
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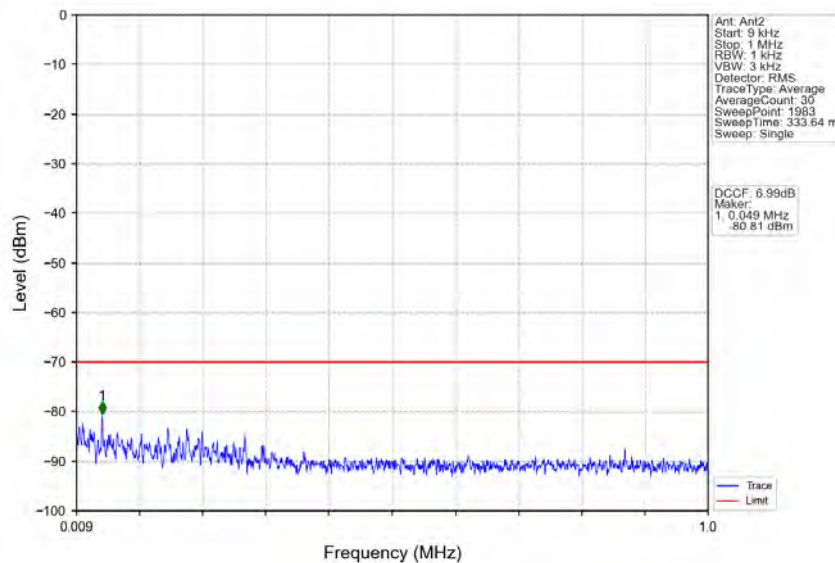
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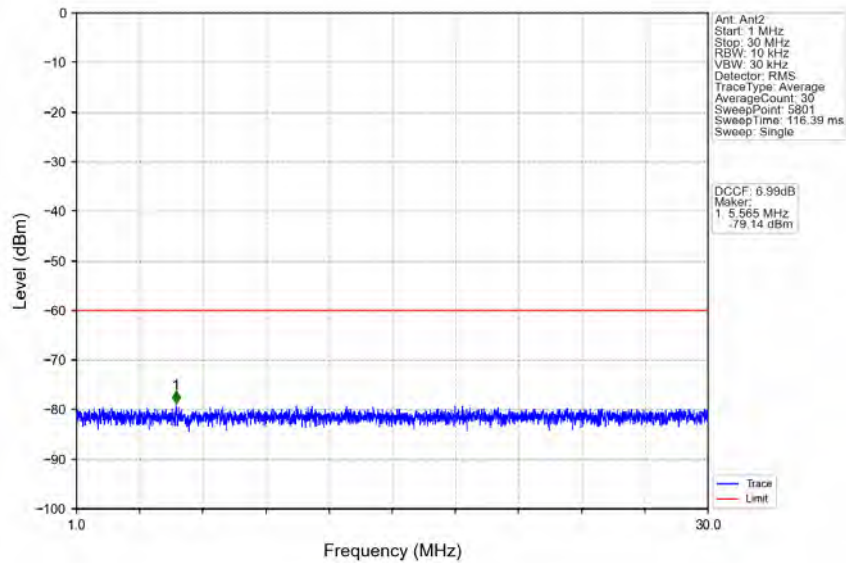
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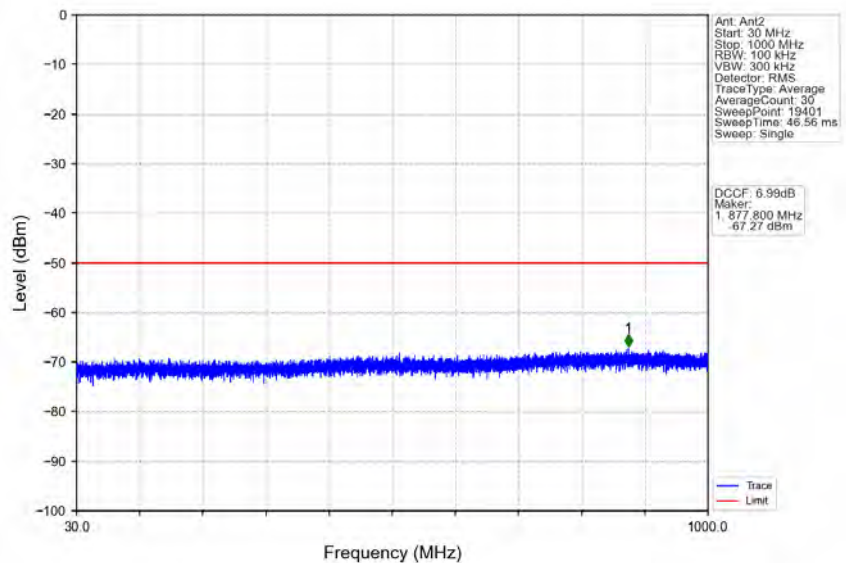


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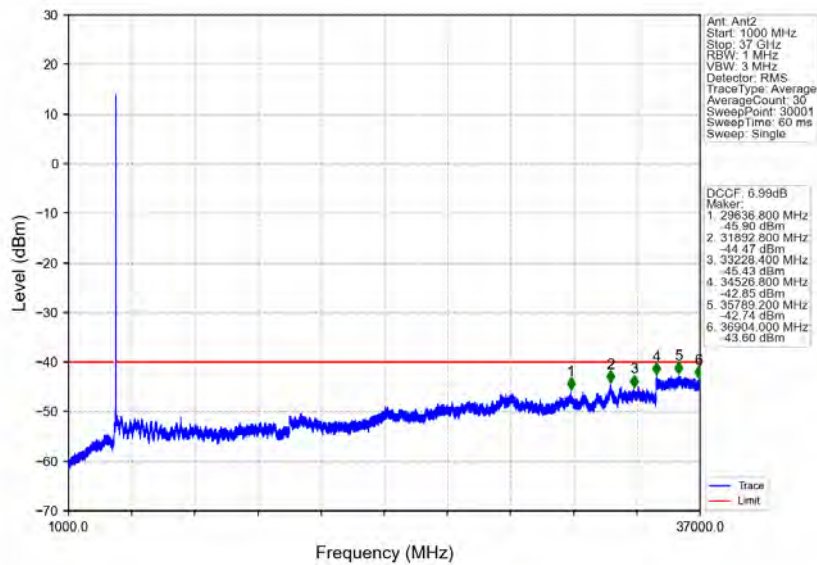
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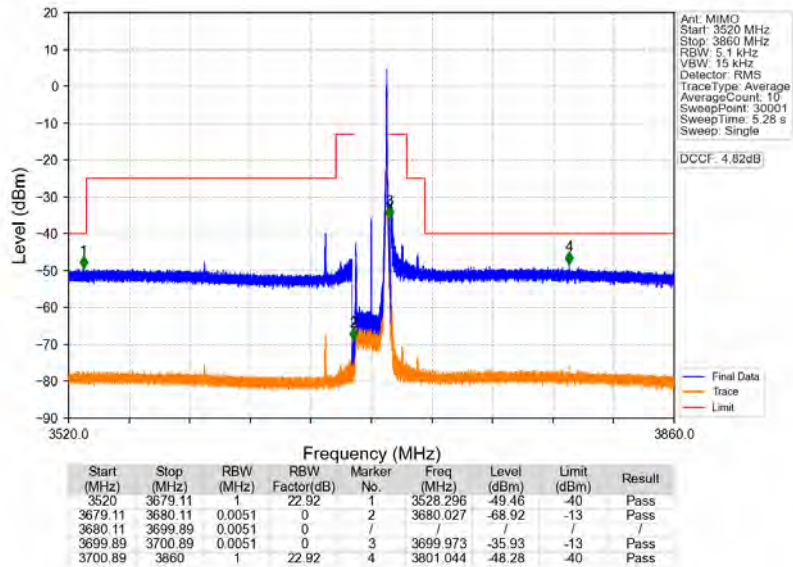
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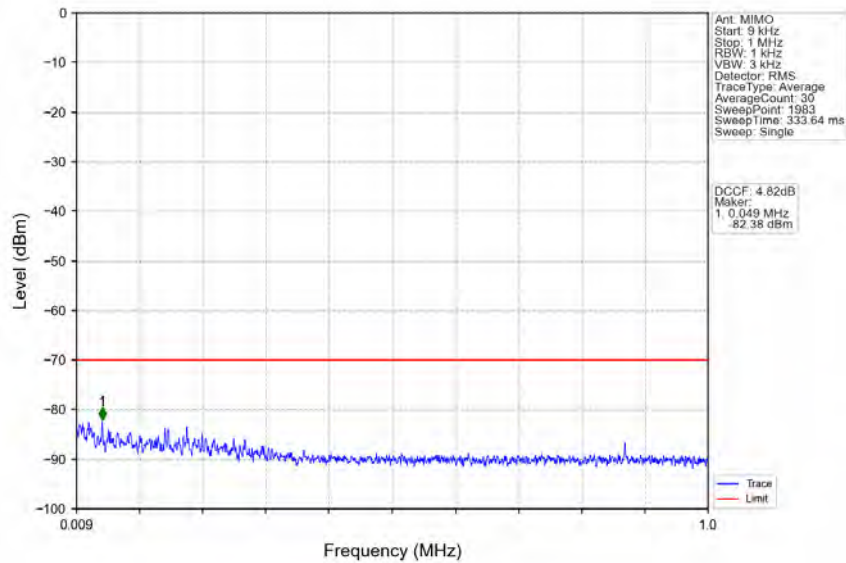
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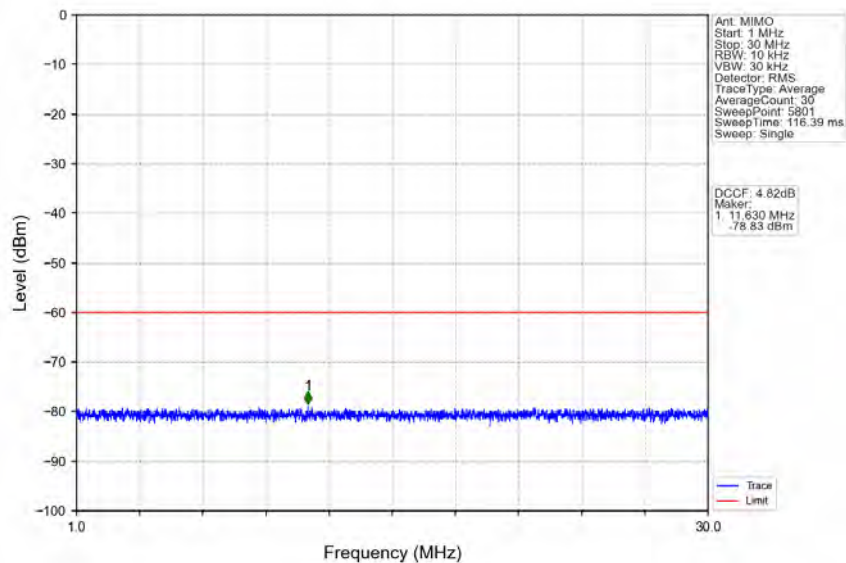


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EMC Laboratory

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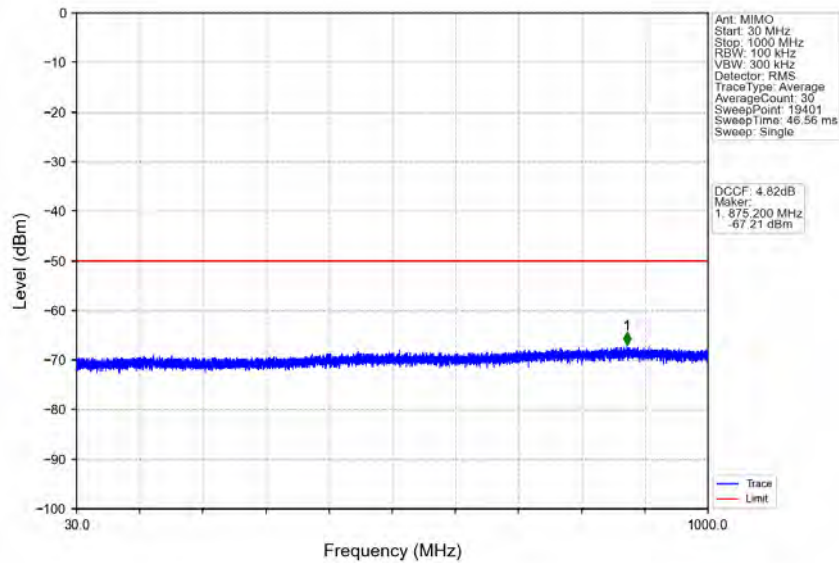
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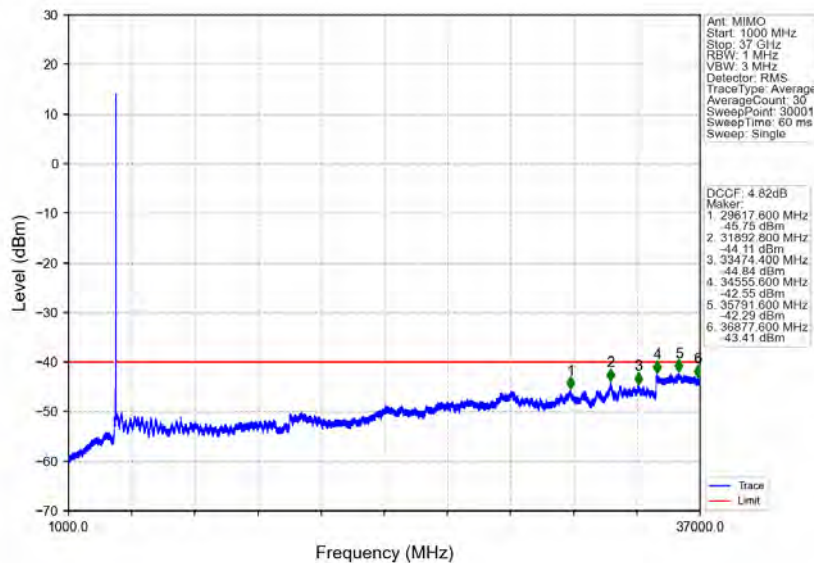
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6.4 30k_MIMO_30MHz_NTNV

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
	3684.99	Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		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		

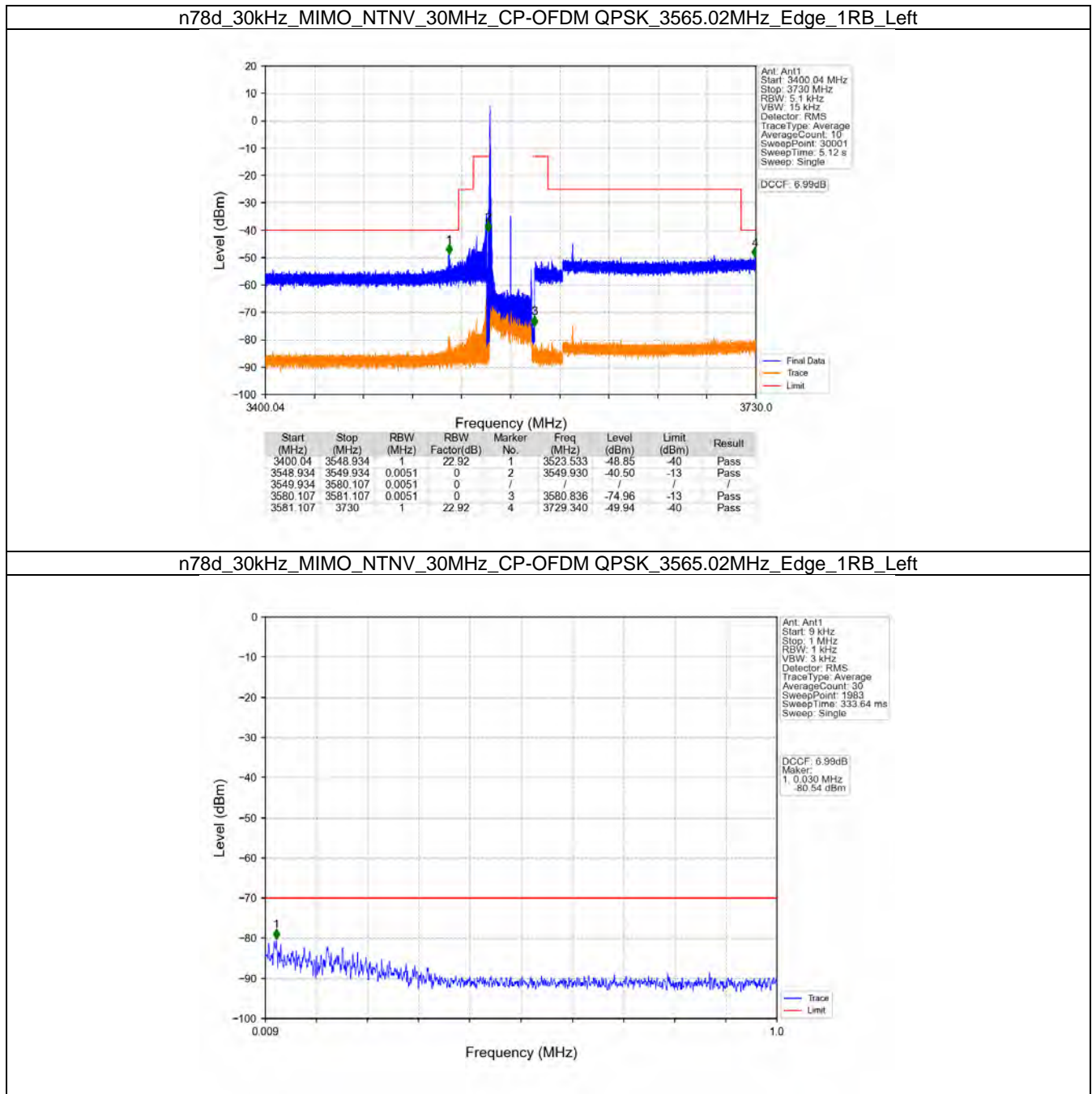


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6.4.2 Test Graph



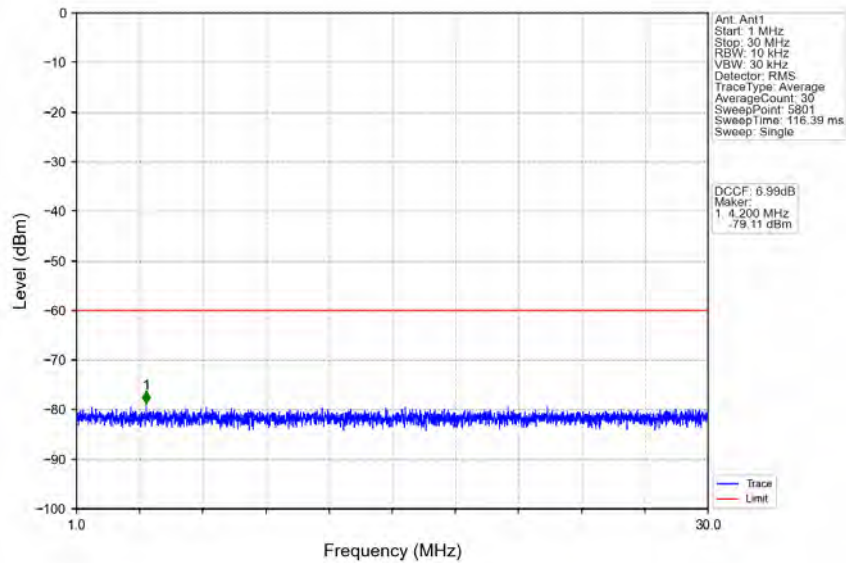
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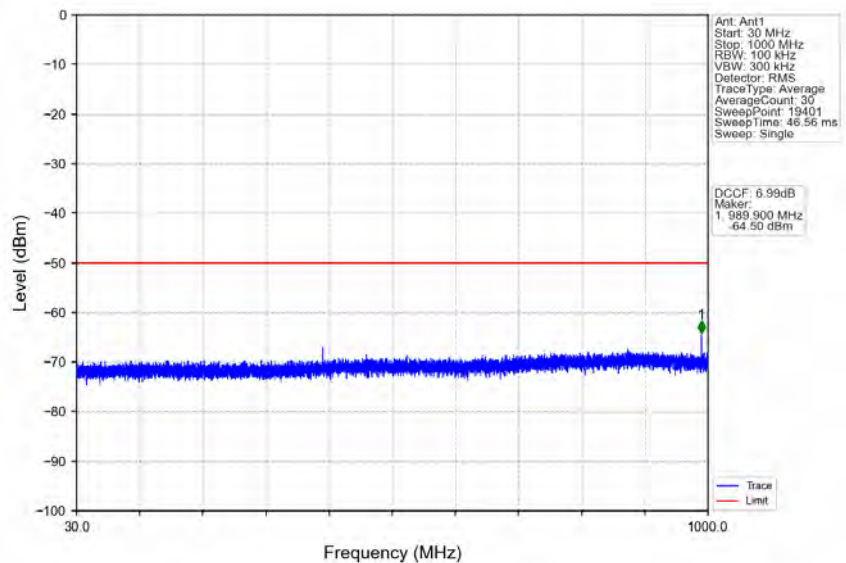
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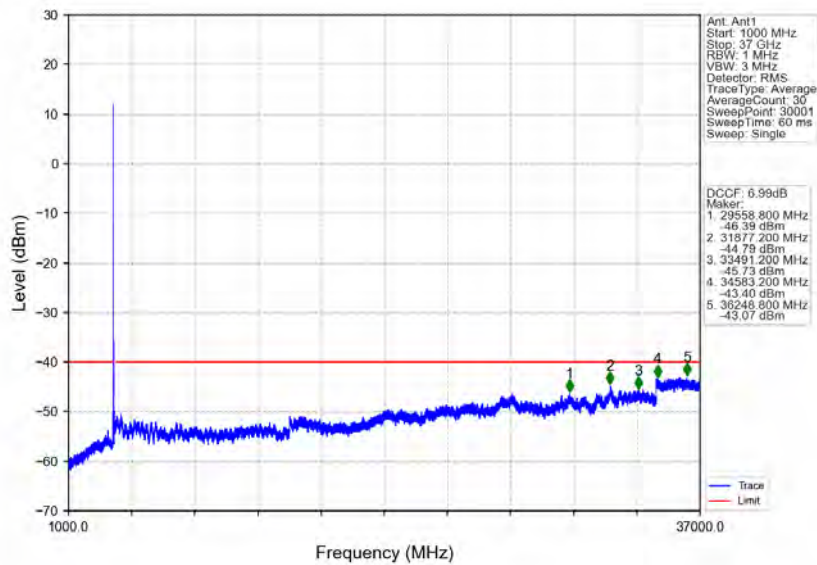
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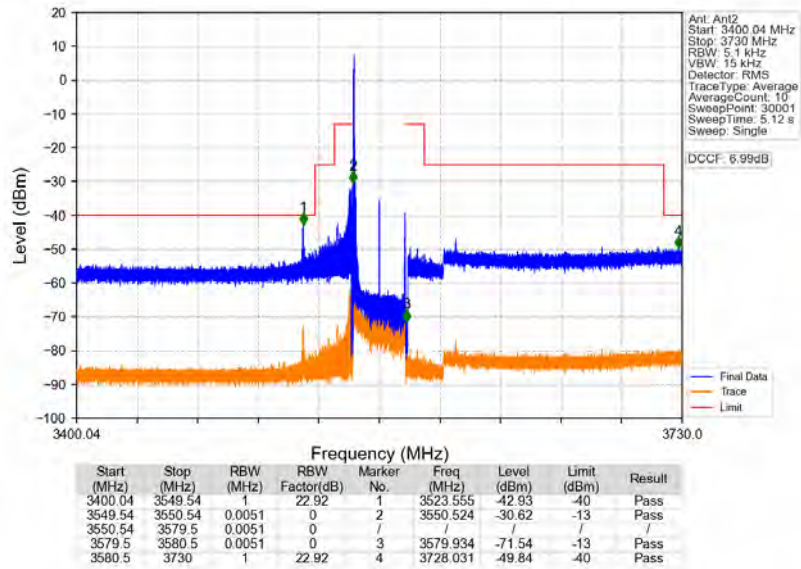
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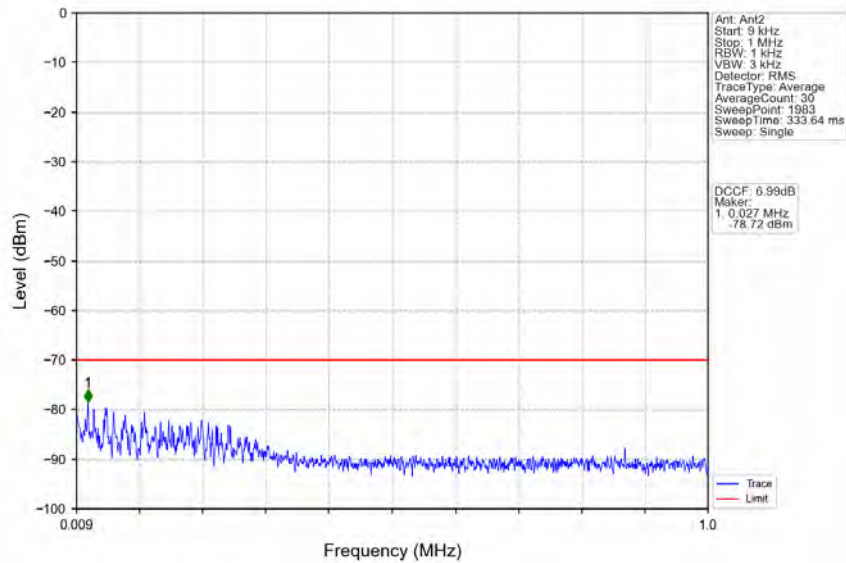
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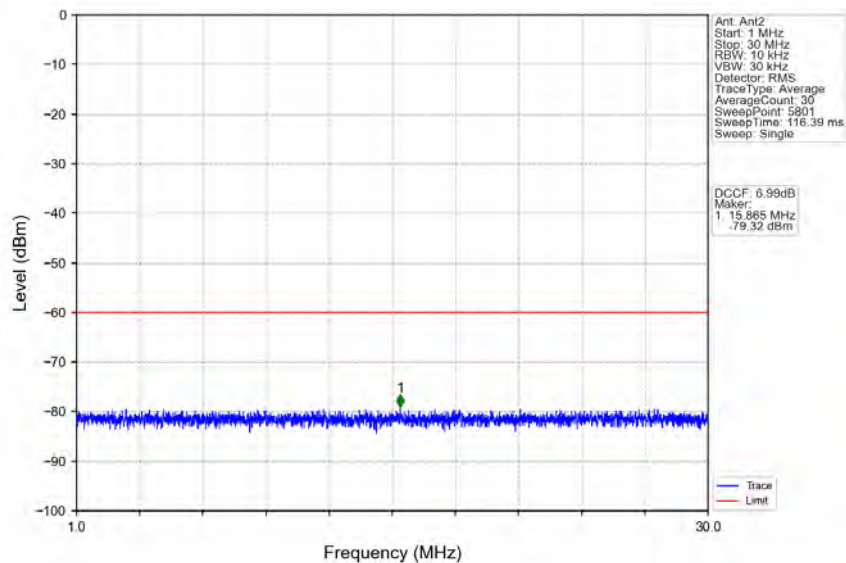
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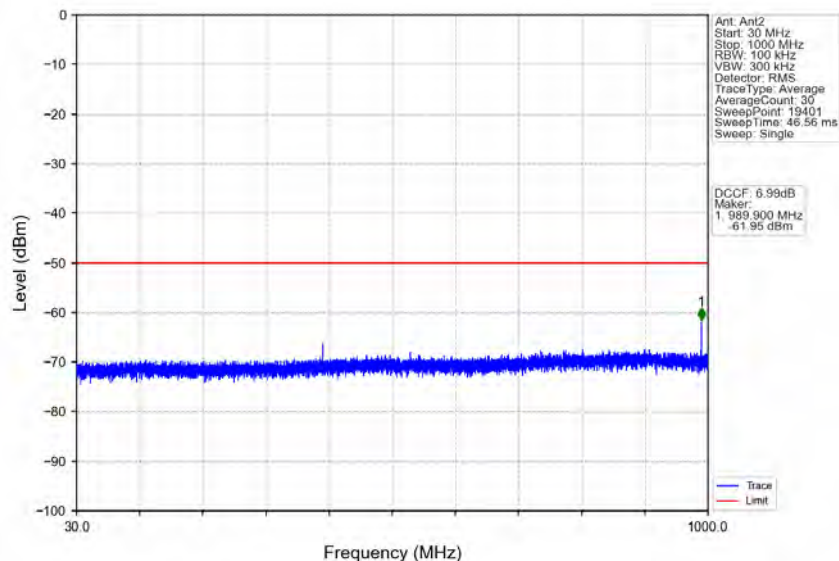
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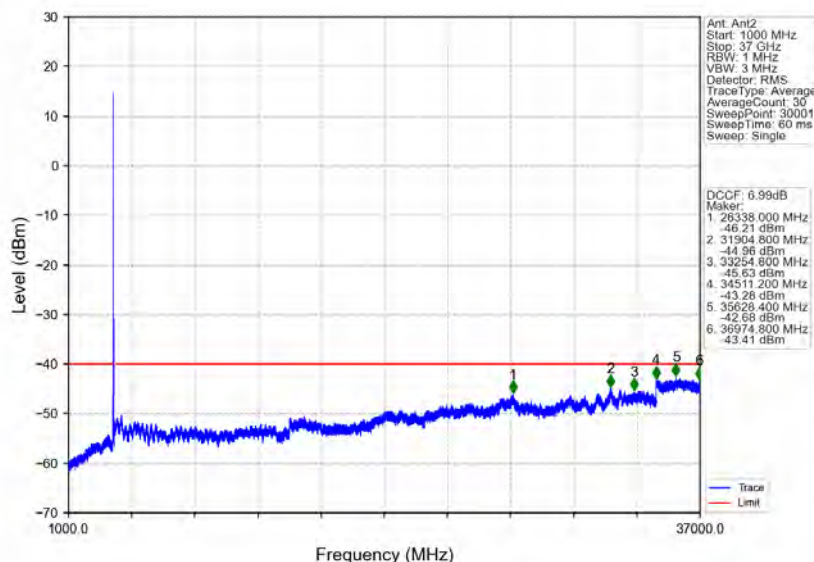
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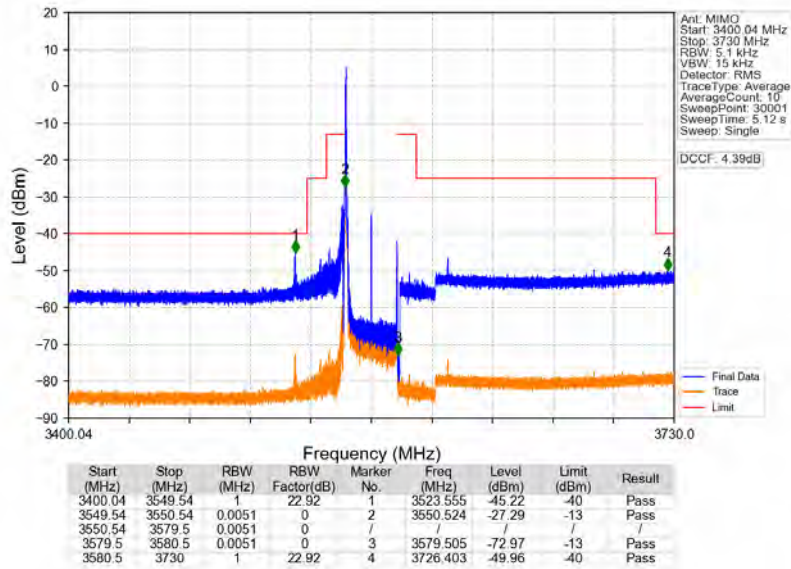
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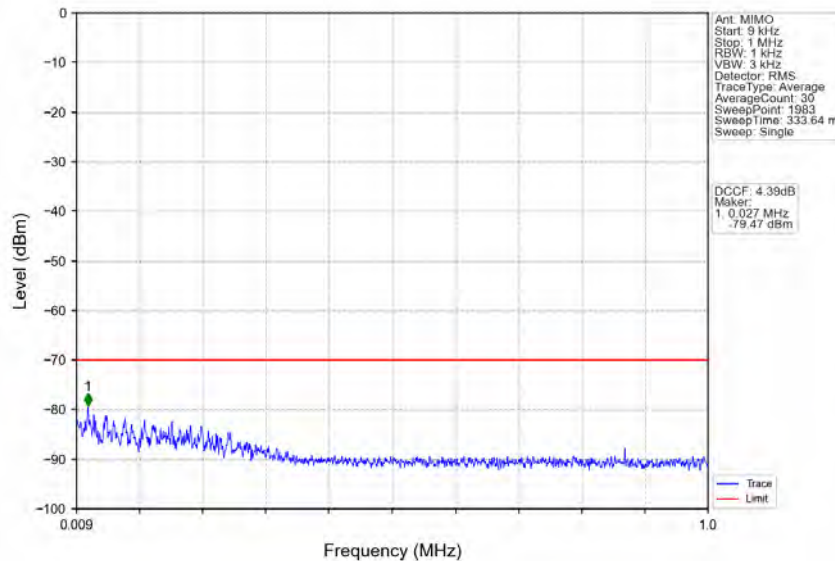
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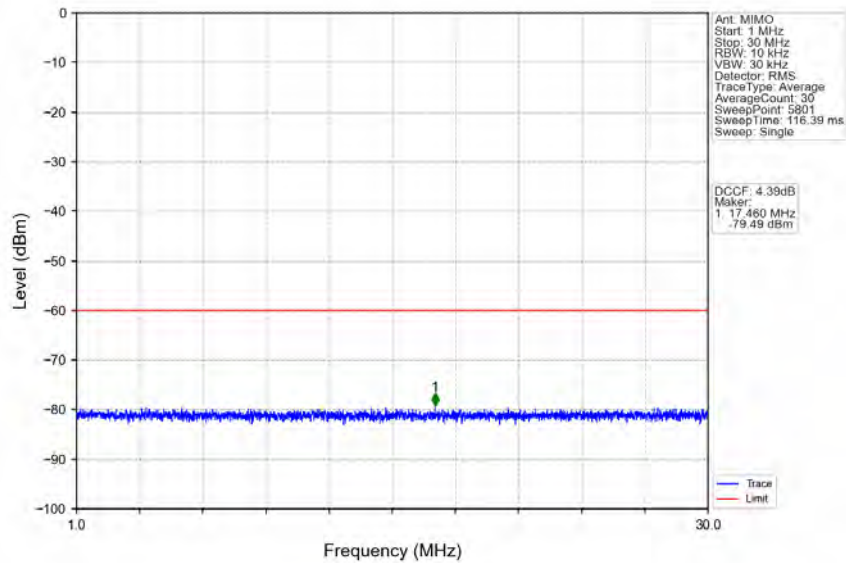


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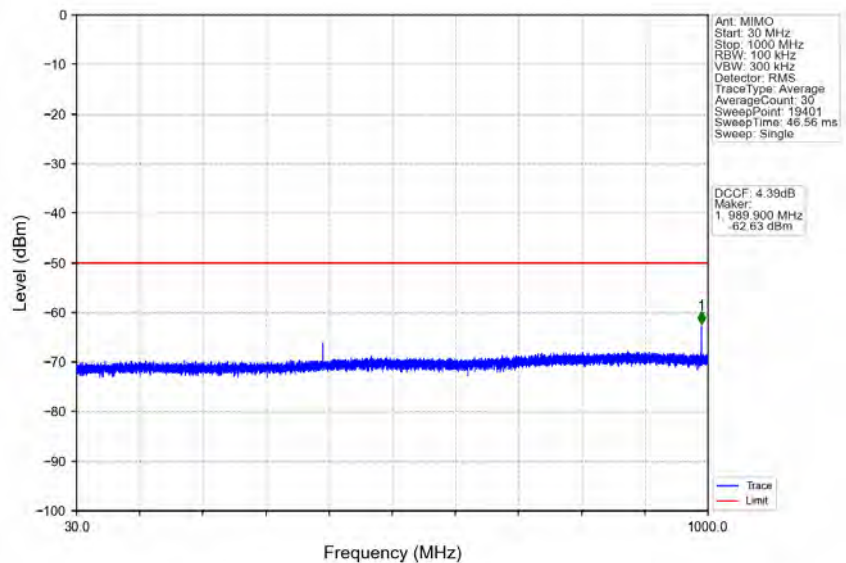
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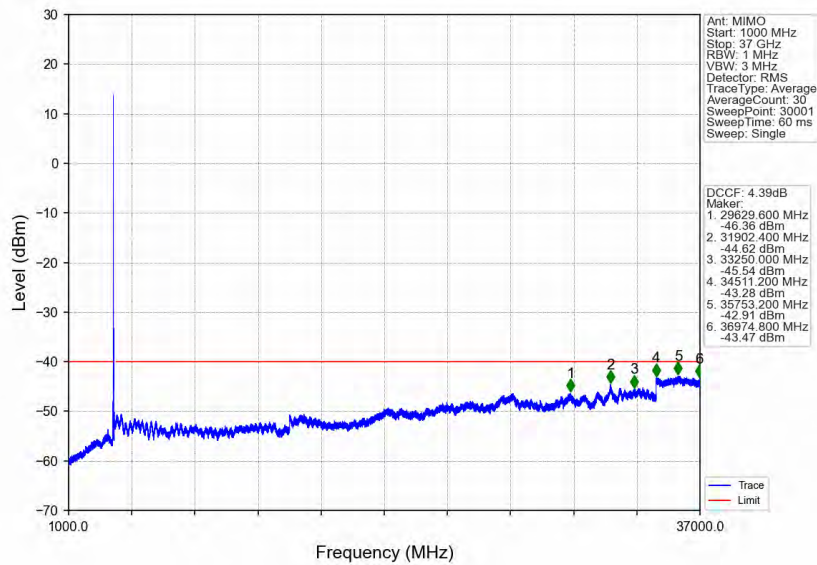
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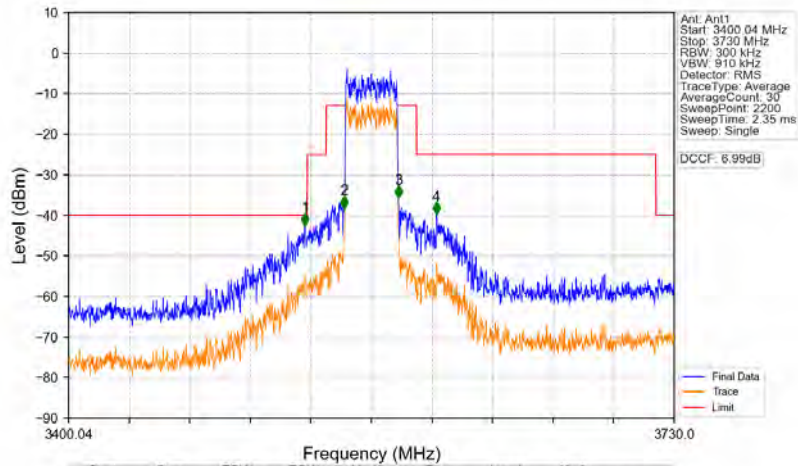
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3400.04	3549.393	1	5.23	1	3528.783	-42.48	-40	Pass
3549.393	3550.393	0.3	0	2	3550.390	-38.23	-13	Pass
3550.393	3579.648	0.3	0	3	3579.650	-35.64	-13	Pass
3579.648	3580.648	0.3	0	4	3600.507	-39.76	-25	Pass



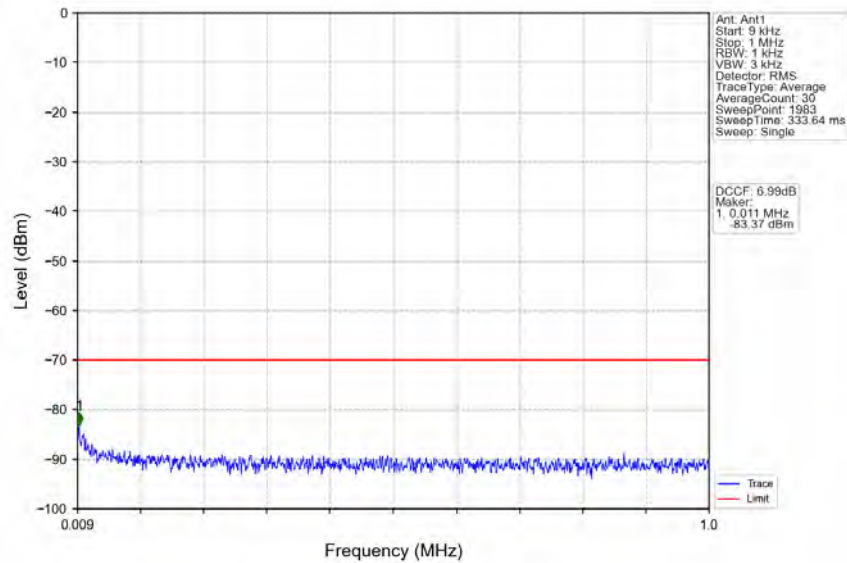
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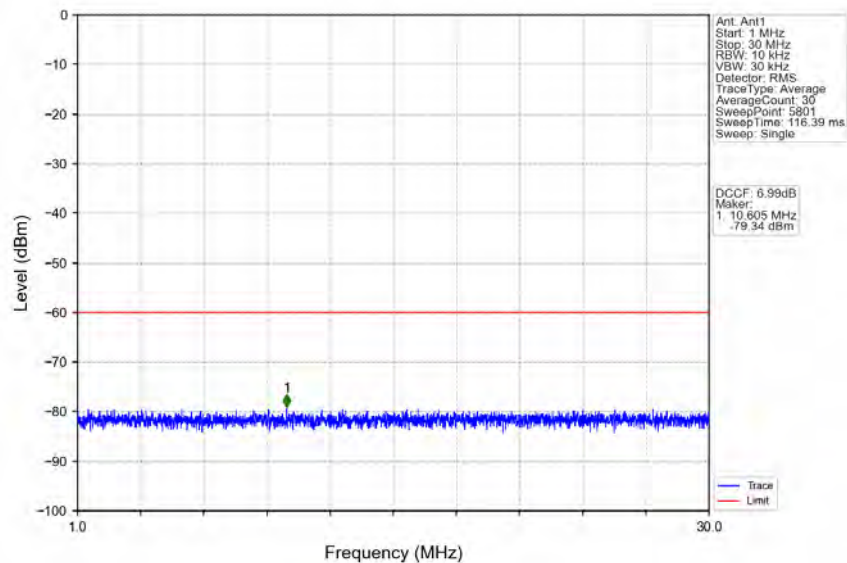
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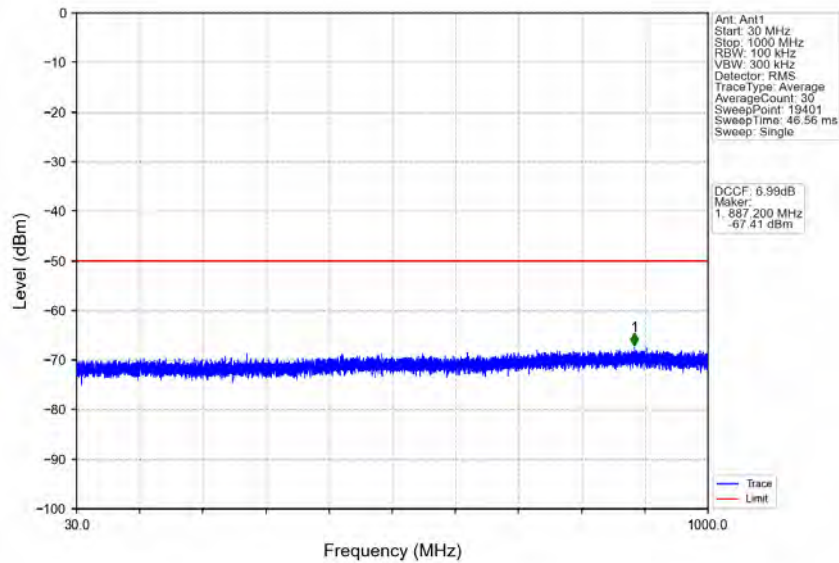
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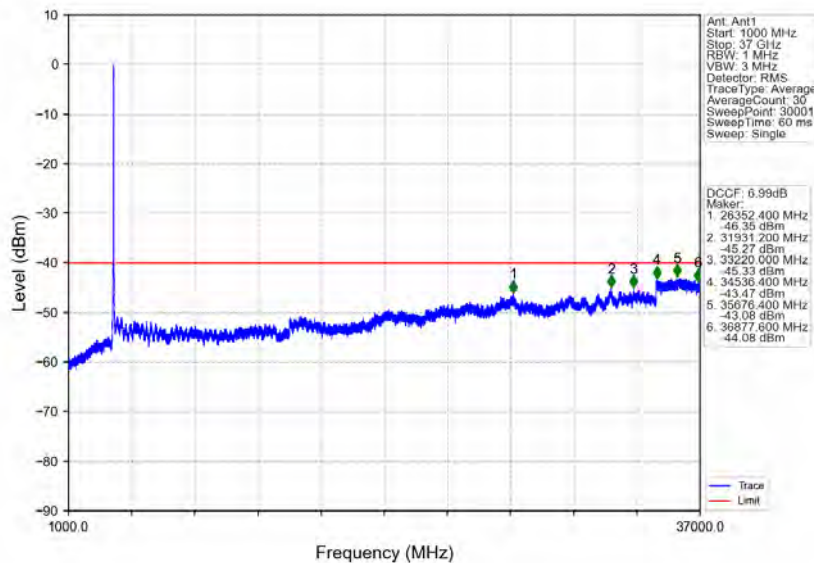
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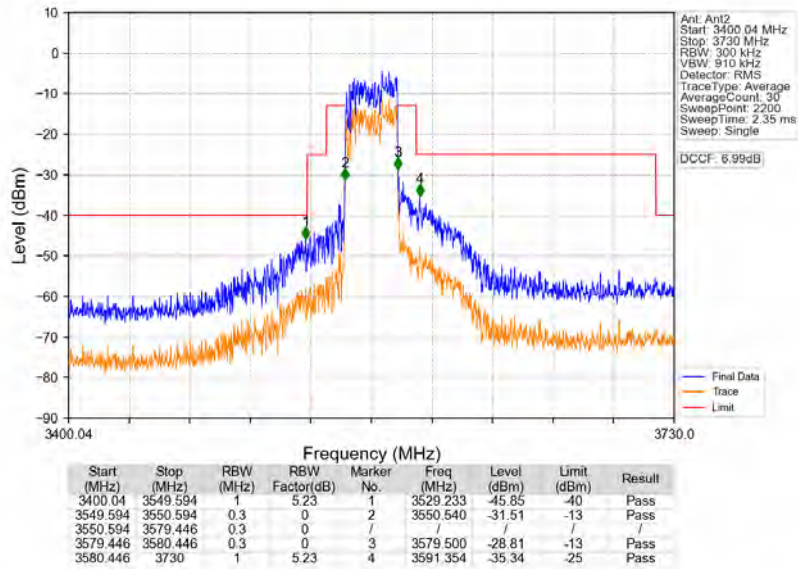
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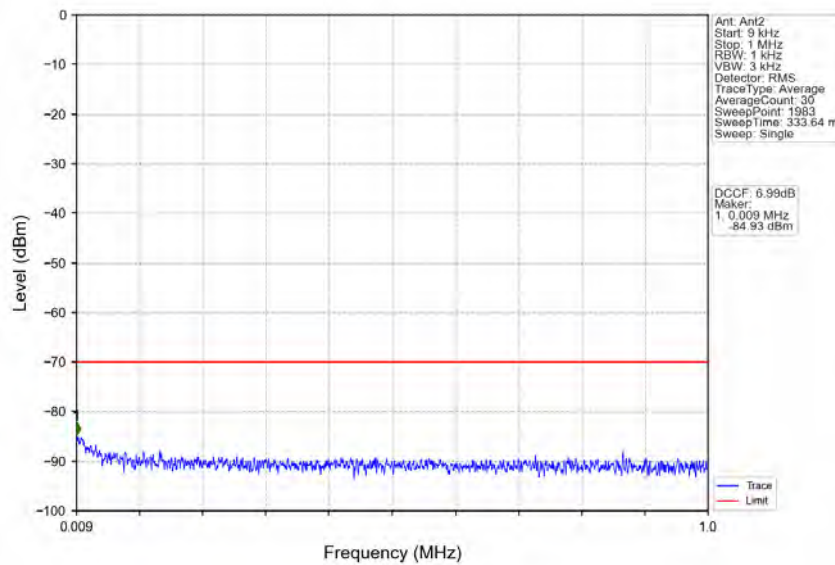
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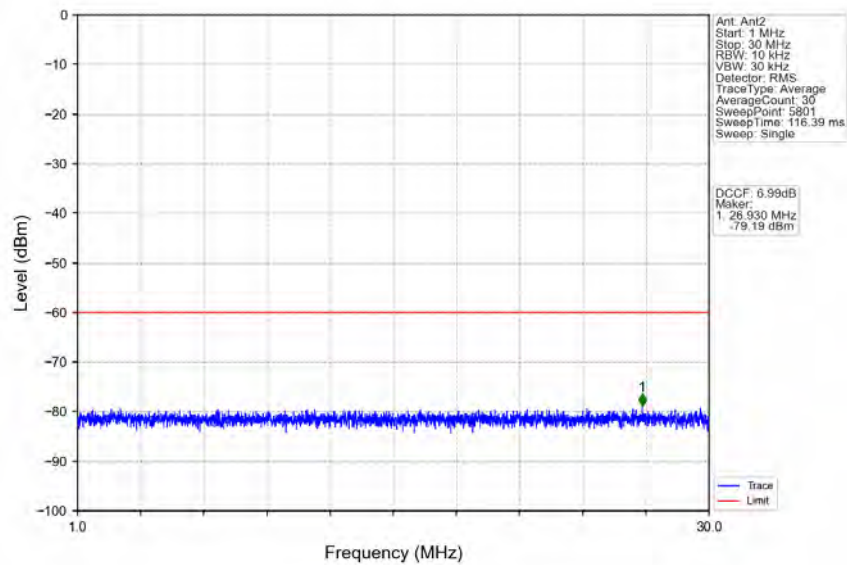
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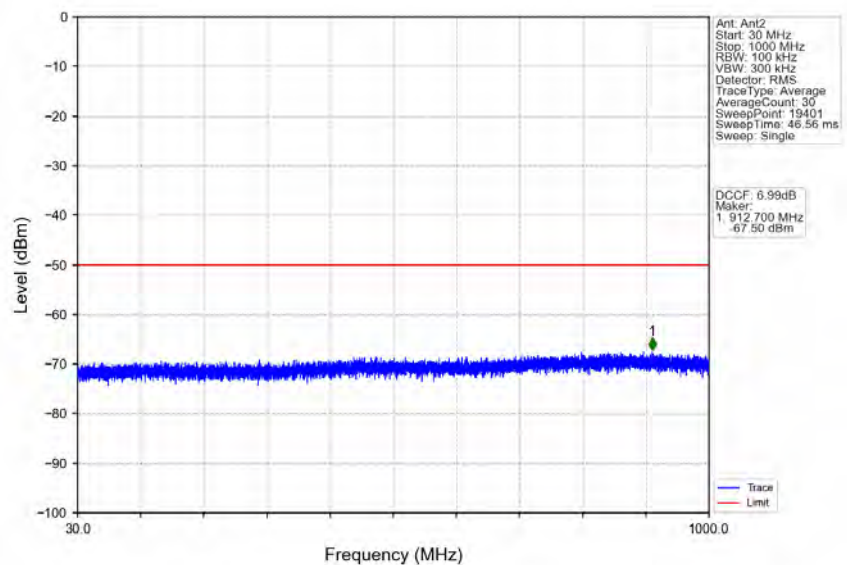
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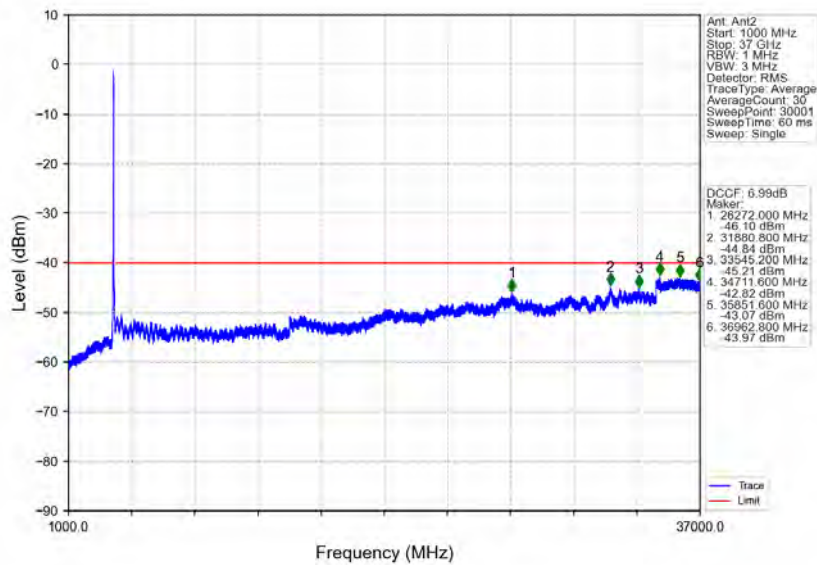
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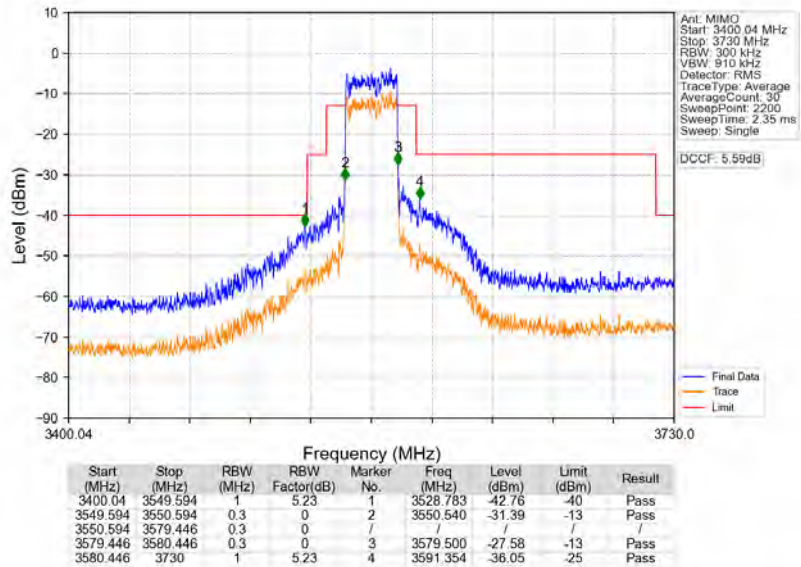
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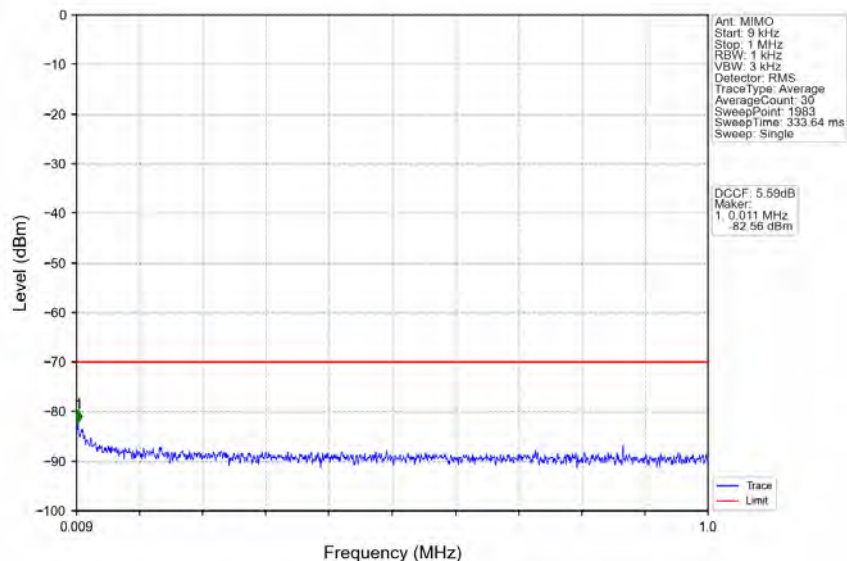
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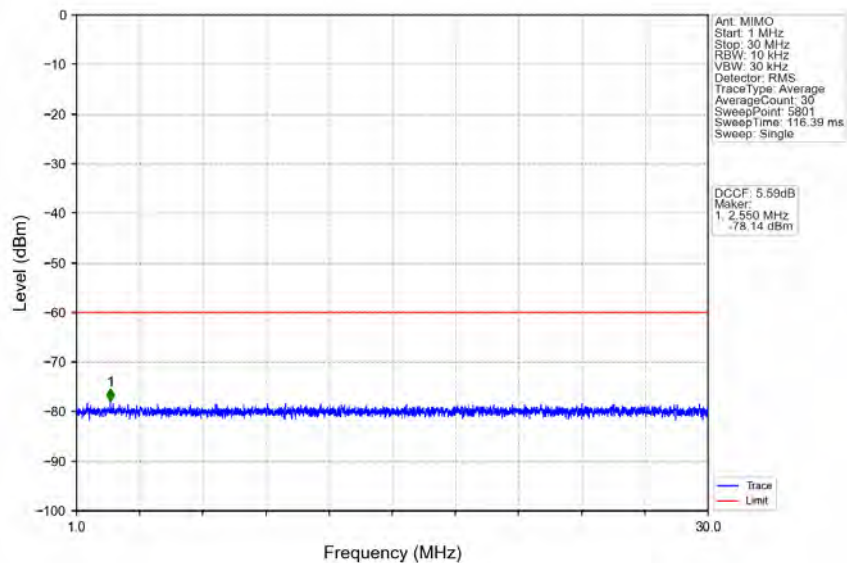
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