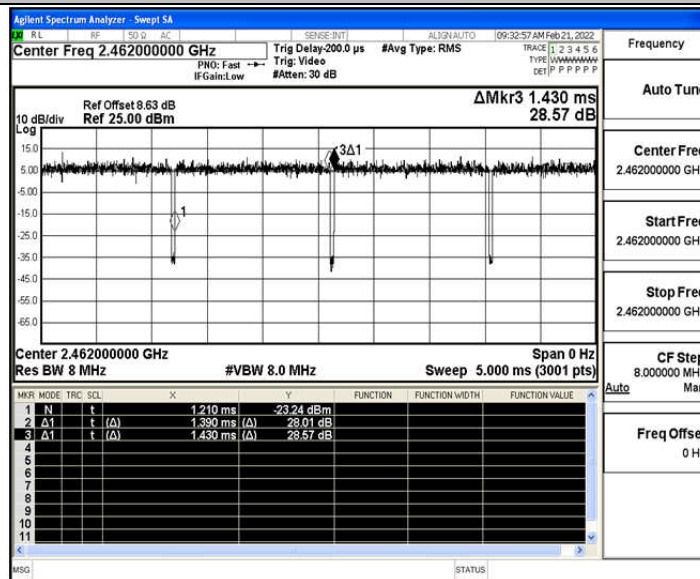
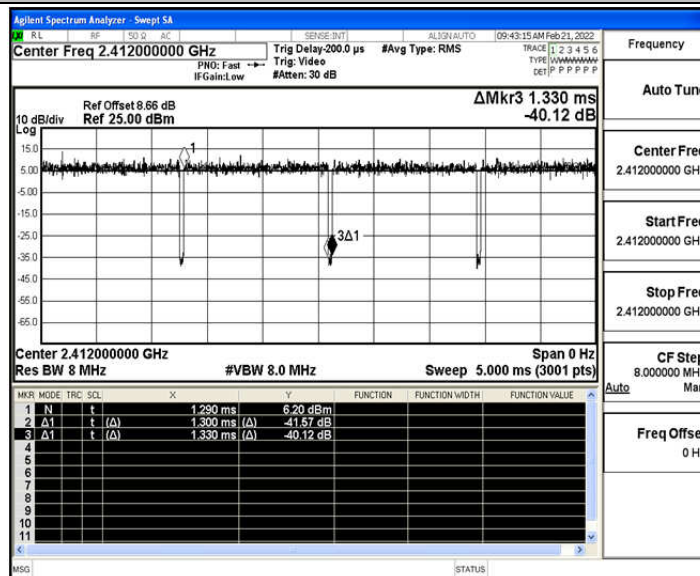




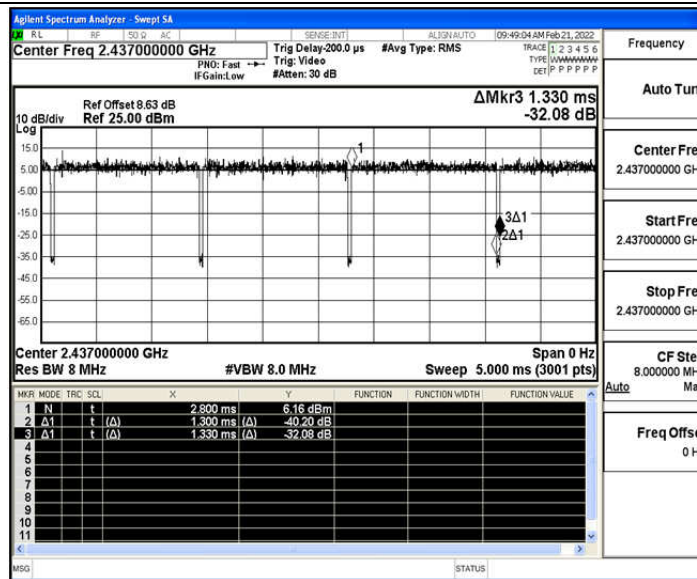
11G_Ant1_2462



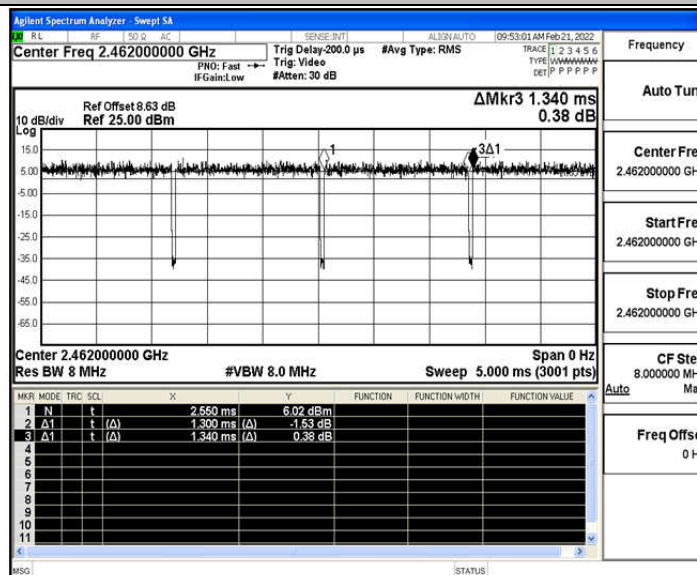
11N20SISO_Ant1_2412



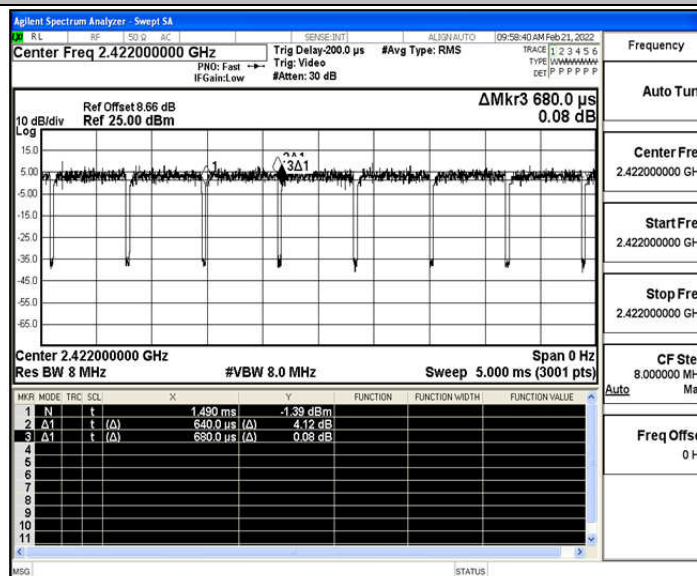
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

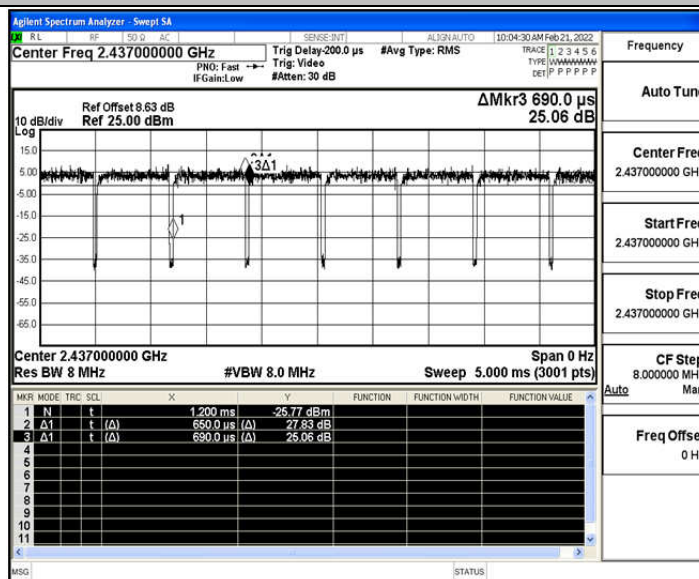


11N40SISO_Ant1_2422

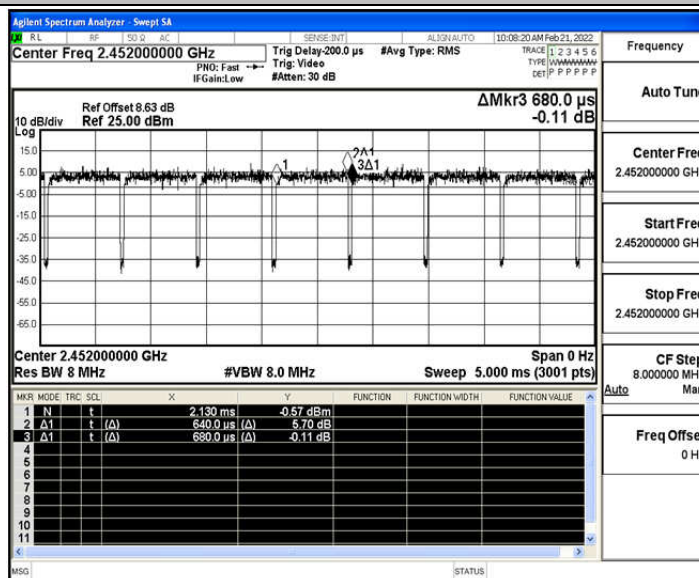




11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





C.7 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant0	Low	2412	AV	2310.000	-48.97	≤-41.20	46.23	≤54	PASS
				AV	2388.790	-48.19	≤-41.20	47.01	≤54	PASS
				AV	2390.000	-48.3	≤-41.20	46.90	≤54	PASS
				Peak	2310.000	-38.1	≤-21.20	57.10	≤74	PASS
				Peak	2386.320	-36.04	≤-21.20	59.16	≤74	PASS
				Peak	2390.000	-36.99	≤-21.20	58.21	≤74	PASS
		High	2462	AV	2483.500	-47.97	≤-41.20	47.23	≤54	PASS
				AV	2486.860	-47.75	≤-41.20	47.45	≤54	PASS
				AV	2500.000	-47.98	≤-41.20	47.22	≤54	PASS
				Peak	2483.500	-36.04	≤-21.20	59.16	≤74	PASS
				Peak	2490.270	-34.71	≤-21.20	60.49	≤74	PASS
				Peak	2500.000	-37.16	≤-21.20	58.04	≤74	PASS
11G	Ant0	Low	2412	AV	2310.000	-48.37	≤-41.20	46.83	≤54	PASS
				AV	2389.960	-47.81	≤-41.20	47.39	≤54	PASS
				AV	2390.000	-47.81	≤-41.20	47.39	≤54	PASS
				Peak	2310.000	-38.61	≤-21.20	56.59	≤74	PASS
				Peak	2385.410	-36.28	≤-21.20	58.92	≤74	PASS
				Peak	2390.000	-37.54	≤-21.20	57.66	≤74	PASS
		High	2462	AV	2483.500	-47.65	≤-41.20	47.55	≤54	PASS
				AV	2485.650	-47.39	≤-41.20	47.81	≤54	PASS
				AV	2500.000	-47.61	≤-41.20	47.59	≤54	PASS
				Peak	2483.500	-37.68	≤-21.20	57.52	≤74	PASS
				Peak	2494.340	-35.81	≤-21.20	59.39	≤74	PASS
				Peak	2500.000	-37.42	≤-21.20	57.78	≤74	PASS
11N20SI SO	Ant0	Low	2412	AV	2310.000	-48.53	≤-41.20	46.67	≤54	PASS
				AV	2388.660	-47.68	≤-41.20	47.52	≤54	PASS
				AV	2390.000	-47.82	≤-41.20	47.38	≤54	PASS
				Peak	2310.000	-38.51	≤-21.20	56.69	≤74	PASS
				Peak	2388.920	-36.24	≤-21.20	58.96	≤74	PASS
				Peak	2390.000	-37.66	≤-21.20	57.54	≤74	PASS
		High	2462	AV	2483.500	-47.53	≤-41.20	47.67	≤54	PASS
				AV	2486.860	-47.24	≤-41.20	47.96	≤54	PASS
				AV	2500.000	-47.51	≤-41.20	47.69	≤54	PASS
				Peak	2483.500	-36.84	≤-21.20	58.36	≤74	PASS
				Peak	2489.500	-35.6	≤-21.20	59.60	≤74	PASS
				Peak	2500.000	-37.33	≤-21.20	57.87	≤74	PASS
11N40SI	Ant0	Low	2422	AV	2310.000	-48.28	≤-41.20	46.92	≤54	PASS



SO				AV	2388.010	-47.43	≤-41.20	47.77	≤54	PASS
				AV	2390.000	-47.58	≤-41.20	47.62	≤54	PASS
				Peak	2310.000	-38.35	≤-21.20	56.85	≤74	PASS
				Peak	2365.130	-36.14	≤-21.20	59.06	≤74	PASS
				Peak	2390.000	-36.71	≤-21.20	58.49	≤74	PASS
		High	2452	AV	2483.500	-47.1	≤-41.20	48.10	≤54	PASS
				AV	2487.850	-46.95	≤-41.20	48.25	≤54	PASS
				AV	2500.000	-47.12	≤-41.20	48.08	≤54	PASS
				Peak	2483.500	-37.03	≤-21.20	58.17	≤74	PASS
				Peak	2495.660	-35.77	≤-21.20	59.43	≤74	PASS
				Peak	2500.000	-37.54	≤-21.20	57.66	≤74	PASS



Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-49.03	≤-41.20	46.17	≤54	PASS
				AV	2389.440	-48.13	≤-41.20	47.07	≤54	PASS
				AV	2390.000	-48.28	≤-41.20	46.92	≤54	PASS
				Peak	2310.000	-38.24	≤-21.20	56.96	≤74	PASS
				Peak	2343.550	-36.43	≤-21.20	58.77	≤74	PASS
				Peak	2390.000	-37.5	≤-21.20	57.70	≤74	PASS
		High	2462	AV	2483.500	-48.07	≤-41.20	47.13	≤54	PASS
				AV	2485.760	-47.99	≤-41.20	47.21	≤54	PASS
				AV	2500.000	-48.05	≤-41.20	47.15	≤54	PASS
				Peak	2483.500	-36.8	≤-21.20	58.40	≤74	PASS
				Peak	2489.830	-36.44	≤-21.20	58.76	≤74	PASS
				Peak	2500.000	-37.4	≤-21.20	57.80	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-48.68	≤-41.20	46.52	≤54	PASS
				AV	2385.930	-47.91	≤-41.20	47.29	≤54	PASS
				AV	2390.000	-47.96	≤-41.20	47.24	≤54	PASS
				Peak	2310.000	-38.18	≤-21.20	57.02	≤74	PASS
				Peak	2344.720	-36.39	≤-21.20	58.81	≤74	PASS
				Peak	2390.000	-37.15	≤-21.20	58.05	≤74	PASS
		High	2462	AV	2483.500	-47.5	≤-41.20	47.70	≤54	PASS
				AV	2499.070	-47.23	≤-41.20	47.97	≤54	PASS
				AV	2500.000	-47.51	≤-41.20	47.69	≤54	PASS
				Peak	2483.500	-38.06	≤-21.20	57.14	≤74	PASS
				Peak	2490.820	-35.72	≤-21.20	59.48	≤74	PASS
				Peak	2500.000	-36.98	≤-21.20	58.22	≤74	PASS
11N20SI SO	Ant1	Low	2412	AV	2310.000	-48.71	≤-41.20	46.49	≤54	PASS
				AV	2388.920	-47.74	≤-41.20	47.46	≤54	PASS
				AV	2390.000	-47.9	≤-41.20	47.30	≤54	PASS
				Peak	2310.000	-38.7	≤-21.20	56.50	≤74	PASS
				Peak	2359.670	-36.5	≤-21.20	58.70	≤74	PASS
				Peak	2390.000	-38.11	≤-21.20	57.09	≤74	PASS
		High	2462	AV	2483.500	-47.55	≤-41.20	47.65	≤54	PASS
				AV	2498.300	-47.29	≤-41.20	47.91	≤54	PASS
				AV	2500.000	-47.38	≤-41.20	47.82	≤54	PASS
				Peak	2483.500	-37.33	≤-21.20	57.87	≤74	PASS
				Peak	2499.180	-35.19	≤-21.20	60.01	≤74	PASS
				Peak	2500.000	-37.36	≤-21.20	57.84	≤74	PASS
11N40SI SO	Ant1	Low	2422	AV	2310.000	-48.38	≤-41.20	46.82	≤54	PASS
				AV	2387.490	-47.05	≤-41.20	48.15	≤54	PASS
				AV	2390.000	-47.37	≤-41.20	47.83	≤54	PASS



				Peak	2310.000	-38.35	≤ -21.20	56.85	≤ 74	PASS
				Peak	2388.660	-33.52	≤ -21.20	61.68	≤ 74	PASS
				Peak	2390.000	-35.29	≤ -21.20	59.91	≤ 74	PASS
		High	2452	AV	2483.500	-46.87	≤ -41.20	48.33	≤ 54	PASS
				AV	2487.190	-46.55	≤ -41.20	48.65	≤ 54	PASS
				AV	2500.000	-47.28	≤ -41.20	47.92	≤ 54	PASS
				Peak	2483.500	-34.72	≤ -21.20	60.48	≤ 74	PASS
				Peak	2486.090	-32.36	≤ -21.20	62.84	≤ 74	PASS
				Peak	2500.000	-37.64	≤ -21.20	57.56	≤ 74	PASS

**MIMO**

Test Mode	Freq.	Covert Radiated E Level At 3m (dBuV/m)			Antenna Gain (dBi)	Ground Reflection Factor (dB)	E [dBuV/m]	Detector	Limit (dBuV/m)
		Ant0	Ant1	MIMO					
11N20 MIMO	2310.000	-48.53	-48.71	-45.61	2.71	0	52.33	AV	≤54
	2388.920	-47.68	-47.74	-44.70	2.71	0	53.24	AV	≤54
	2390.000	-47.82	-47.9	-44.85	2.71	0	53.09	AV	≤54
	2310.000	-38.51	-38.7	-35.59	2.71	0	62.34	Peak	≤74
	2359.670	-36.24	-36.5	-33.36	2.71	0	64.58	Peak	≤74
	2390.000	-37.66	-38.11	-34.87	2.71	0	63.07	Peak	≤74
	2483.500	-47.53	-47.55	-44.53	2.71	0	53.41	AV	≤54
	2498.300	-47.24	-47.29	-44.25	2.71	0	53.68	AV	≤54
	2500.000	-47.51	-47.38	-44.43	2.71	0	53.50	AV	≤54
	2483.500	-36.84	-37.33	-34.07	2.71	0	63.87	Peak	≤74
	2499.180	-35.6	-35.19	-32.38	2.71	0	65.56	Peak	≤74
	2500.000	-37.33	-37.36	-34.33	2.71	0	63.60	Peak	≤74
11N40 MIMO	2310.000	-48.28	-48.38	-45.32	2.71	0	52.62	AV	≤54
	2387.490	-47.43	-47.05	-44.23	2.71	0	53.71	AV	≤54
	2390.000	-47.58	-47.37	-44.46	2.71	0	53.47	AV	≤54
	2310.000	-38.35	-38.35	-35.34	2.71	0	62.60	Peak	≤74
	2388.660	-36.14	-33.52	-31.63	2.71	0	66.31	Peak	≤74
	2390.000	-36.71	-35.29	-32.93	2.71	0	65.01	Peak	≤74
	2483.500	-47.1	-46.87	-43.97	2.71	0	53.96	AV	≤54
	2487.190	-46.95	-46.55	-44.74	2.71	0	53.20	AV	≤54
	2500.000	-47.12	-47.28	-44.19	2.71	0	53.75	AV	≤54
	2483.500	-37.03	-34.72	-32.71	2.71	0	65.22	Peak	≤74
	2486.090	-35.77	-32.36	-30.73	2.71	0	67.21	Peak	≤74
	2500.000	-37.54	-37.64	-34.58	2.71	0	63.36	Peak	≤74

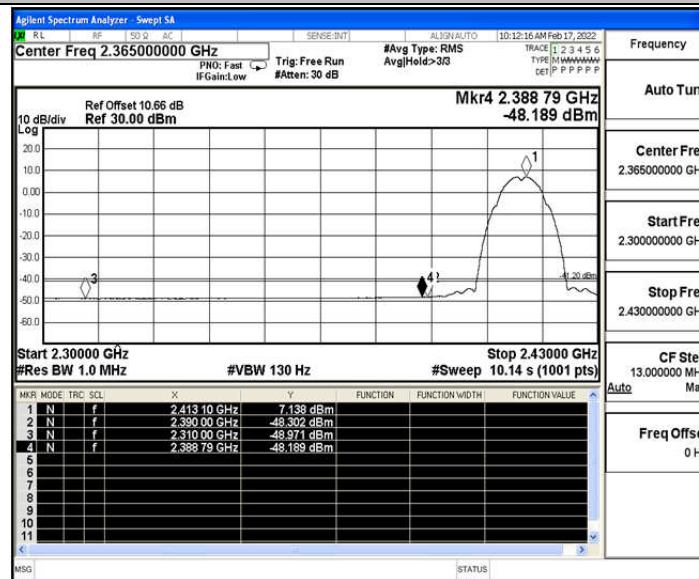
Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

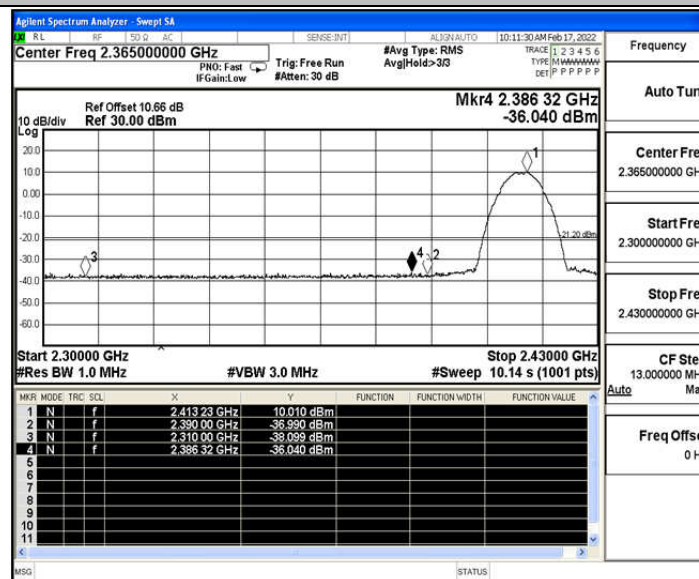


Test Graphs

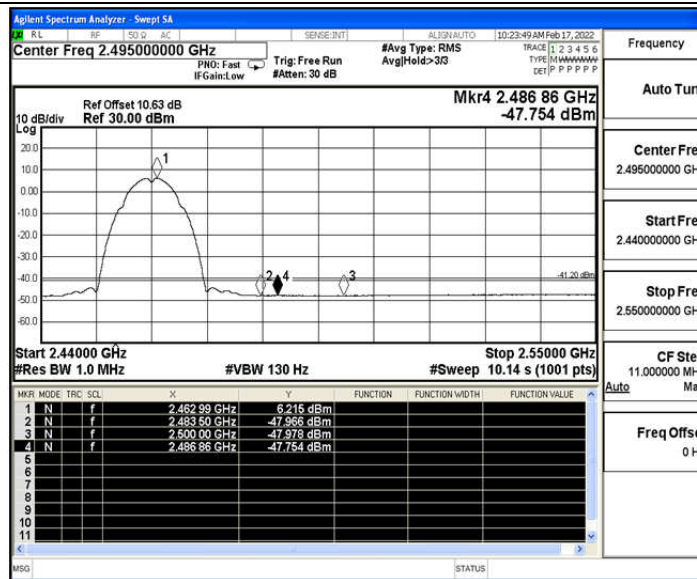
11B_Ant0_Low_2412_AV



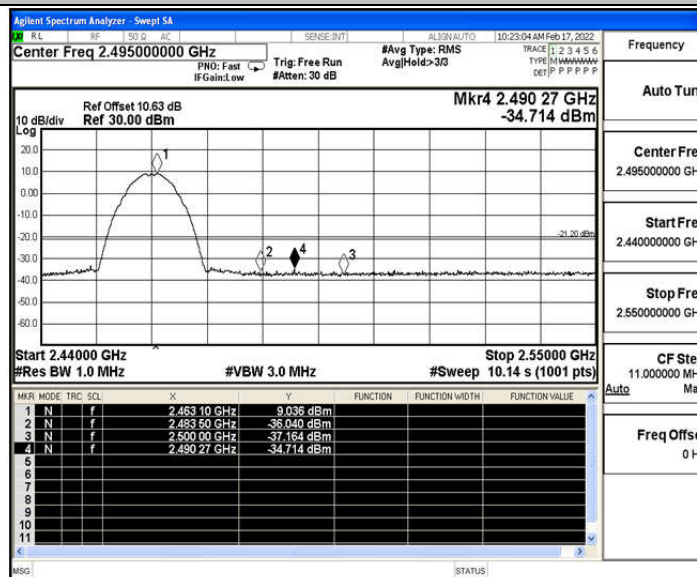
11B_Ant0_Low_2412_Peak



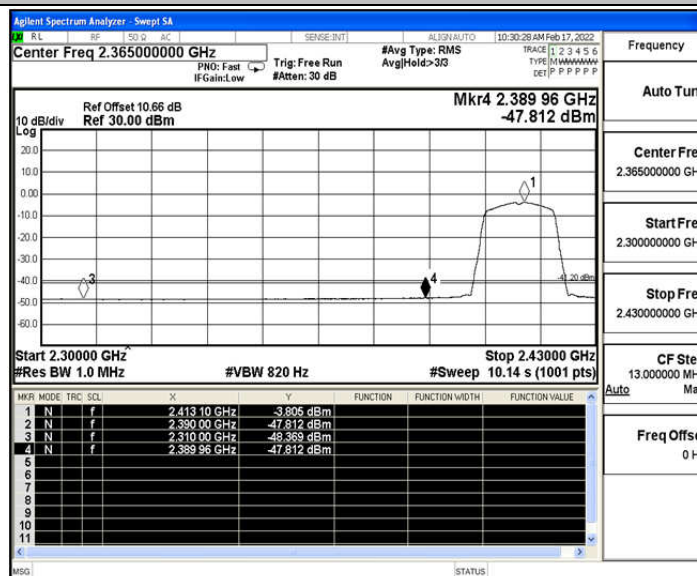
11B_Ant0_High_2462_AV



11B_Ant0_High_2462_Peak

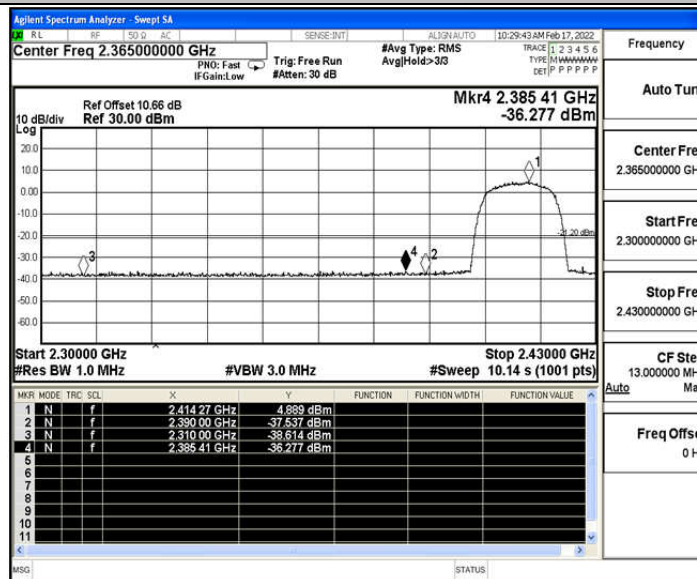


11G_Ant0_Low_2412_AV

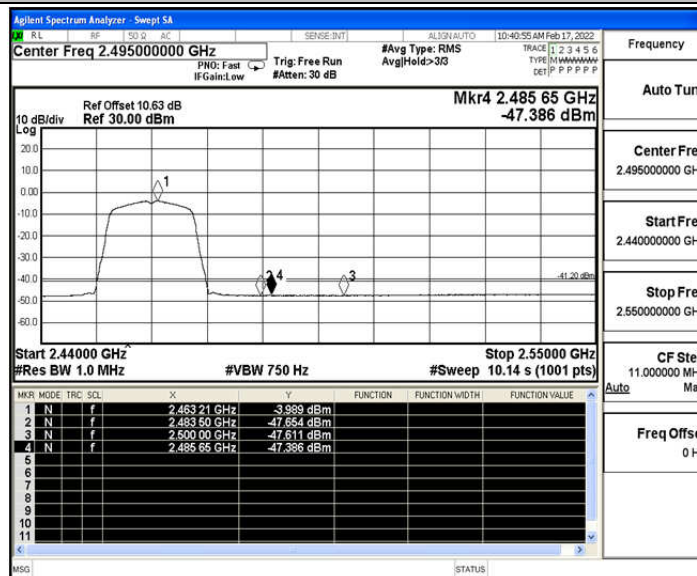




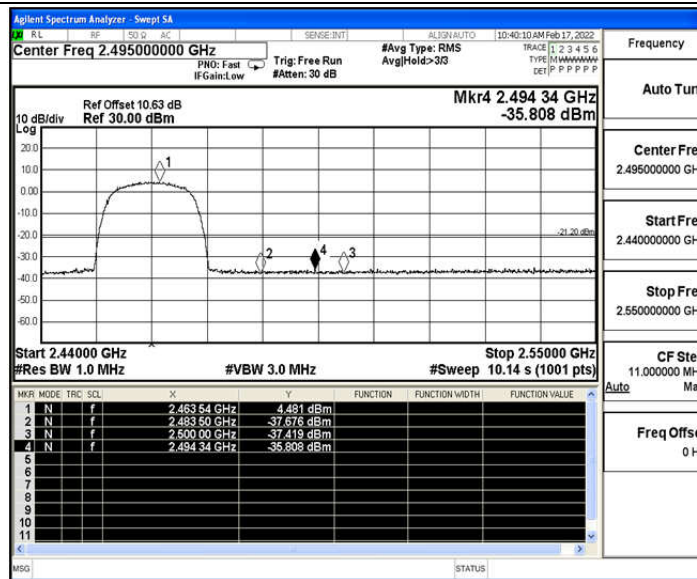
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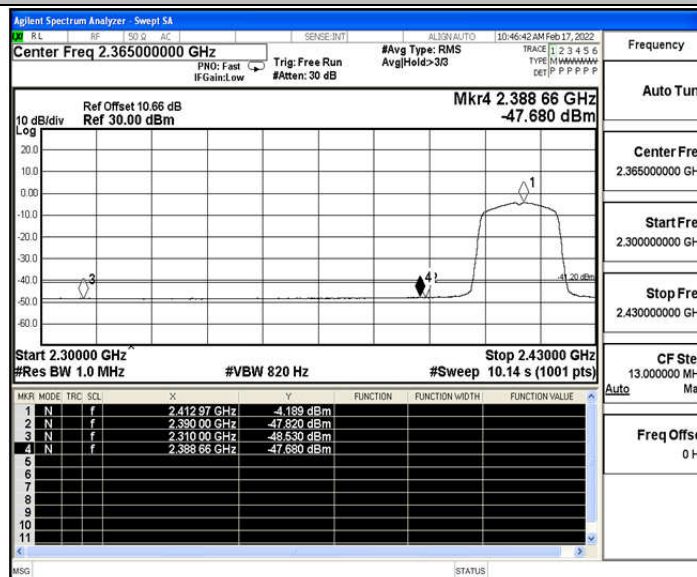
11G_Ant0_High_2462_AV



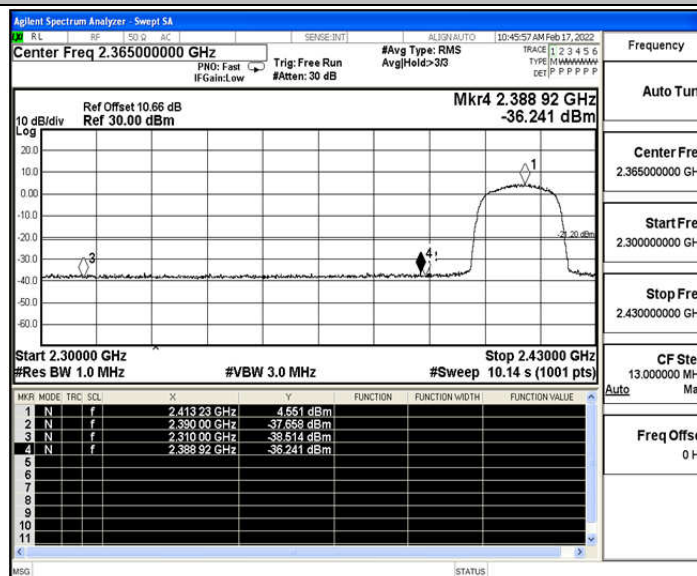
11G_Ant0_High_2462_Peak



11N20SISO_Ant0_Low_2412_AV

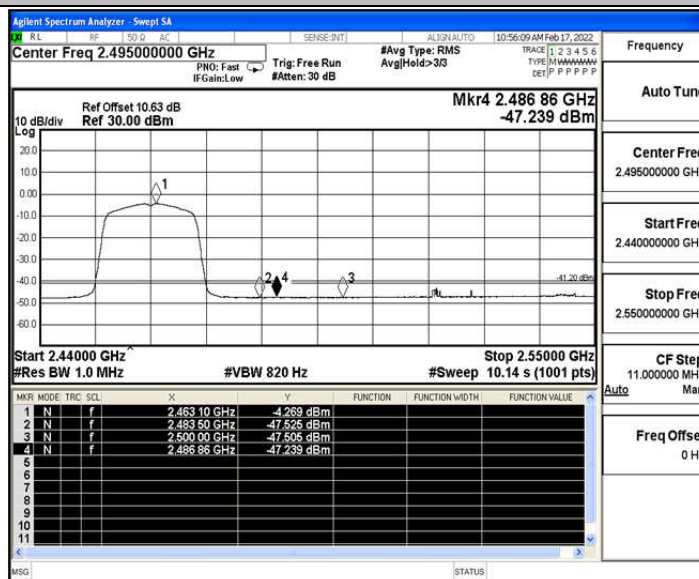


11N20SISO_Ant0_Low_2412_Peak

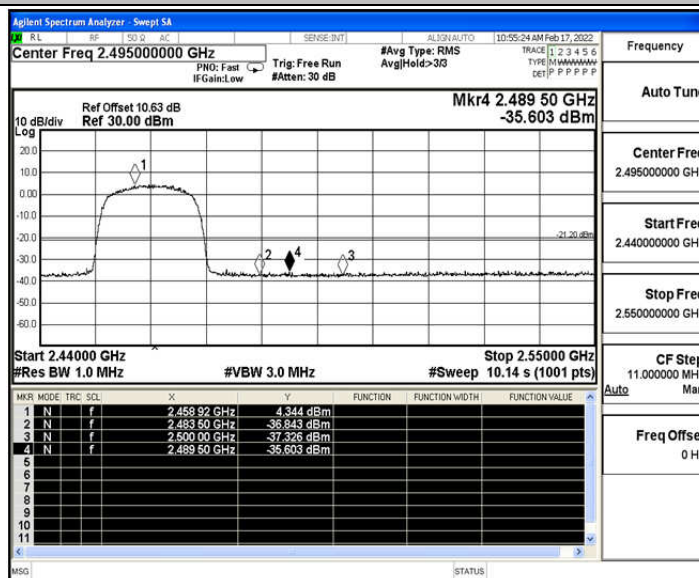




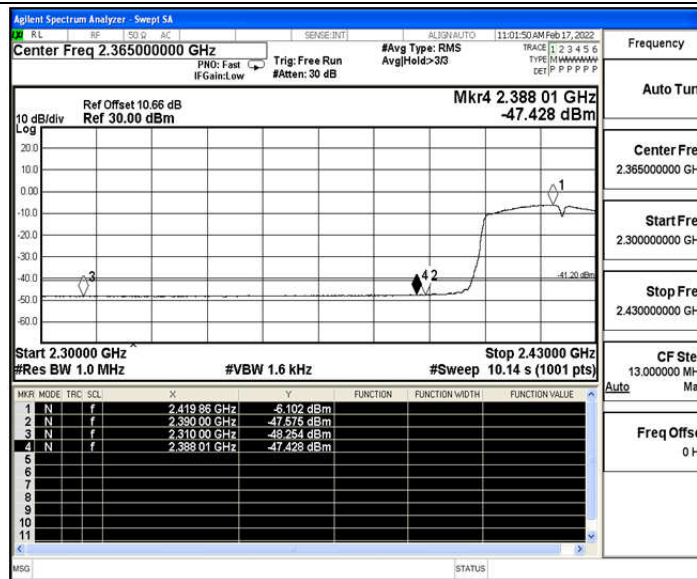
11N20SISO_Ant0_High_2462_AV



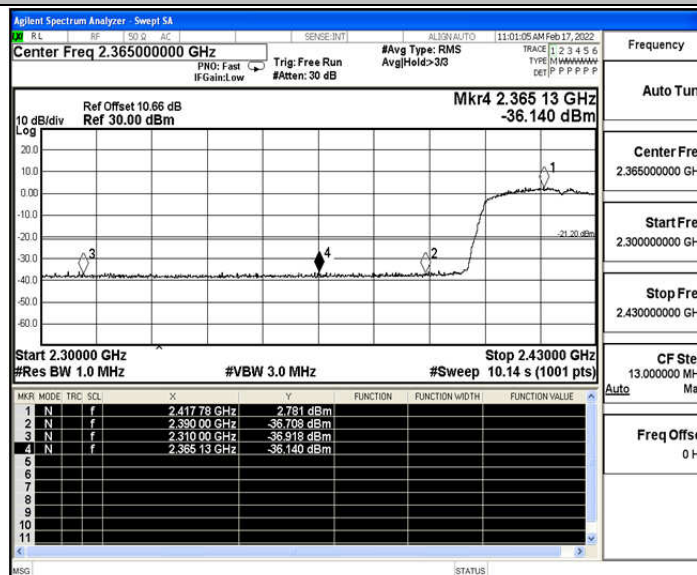
11N20SISO_Ant0_High_2462_Peak



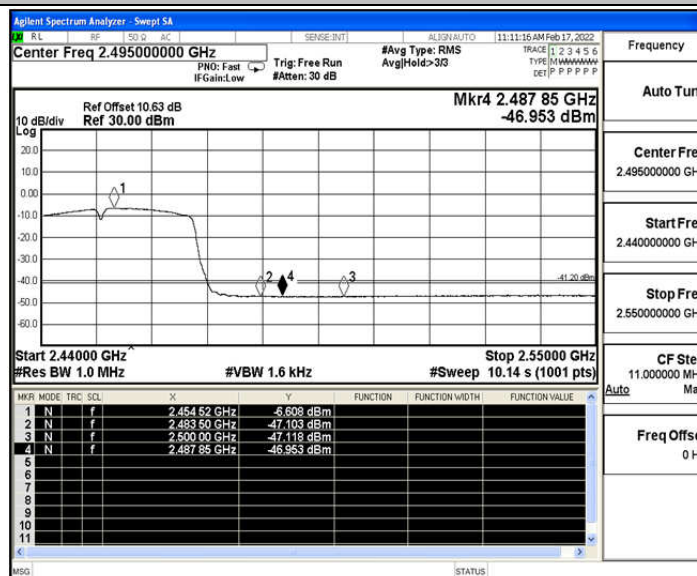
11N40SISO_Ant0_Low_2422_AV



11N40SISO_Ant0_Low_2422_Peak

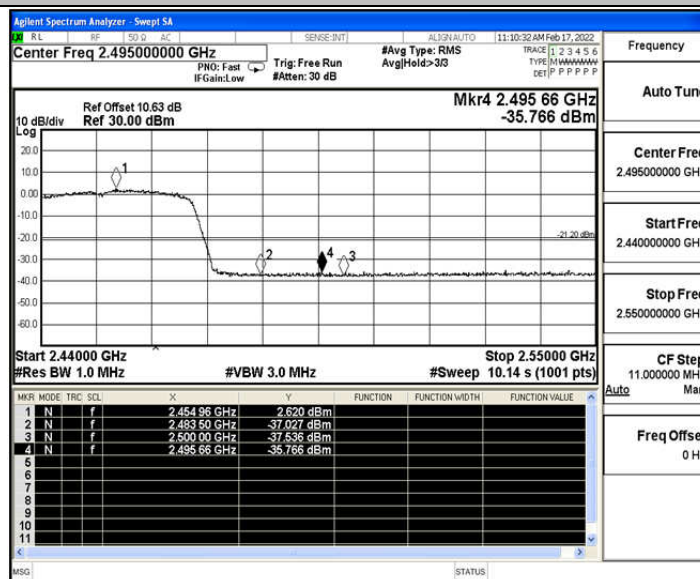


11N40SISO_Ant0_High_2452_AV





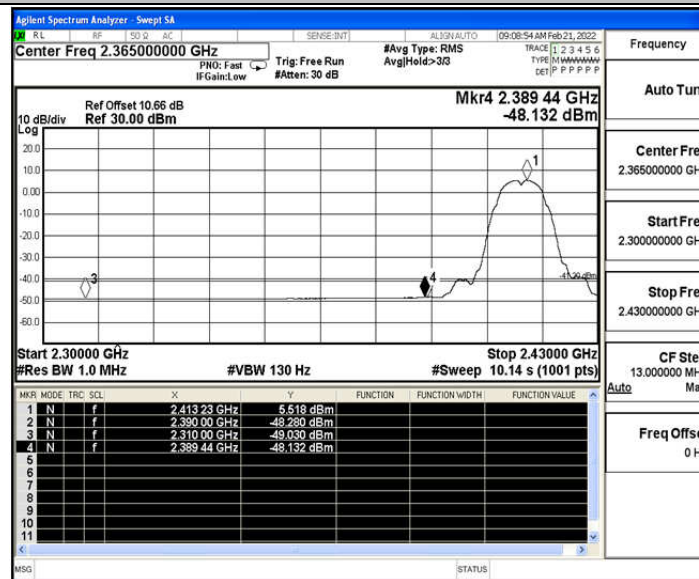
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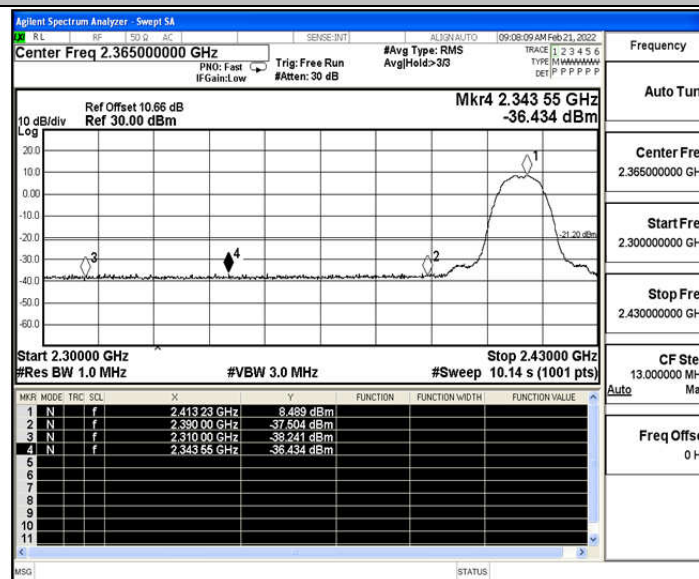


Test Graphs

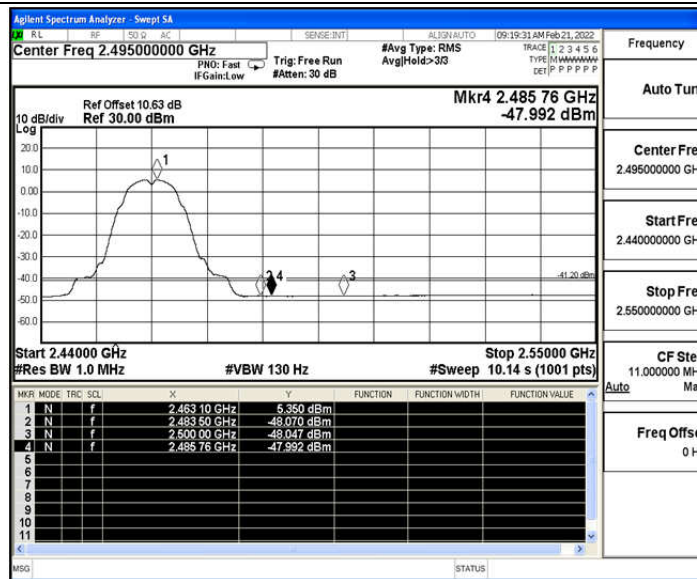
11B_Ant1_Low_2412_AV



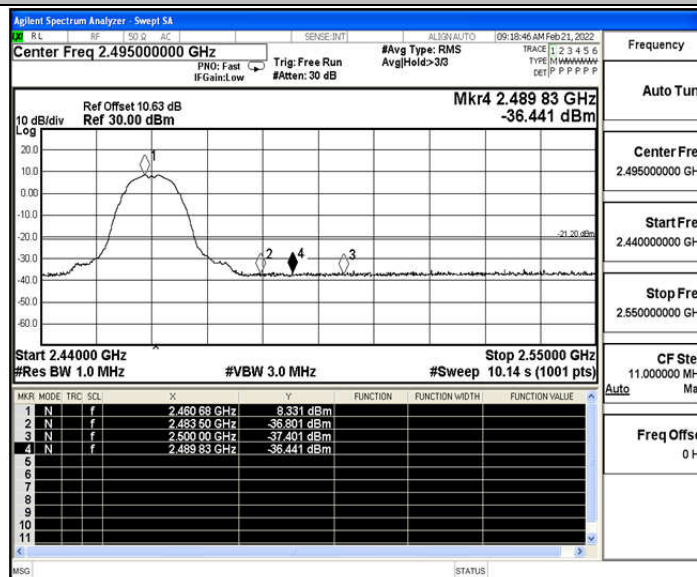
11B_Ant1_Low_2412_Peak



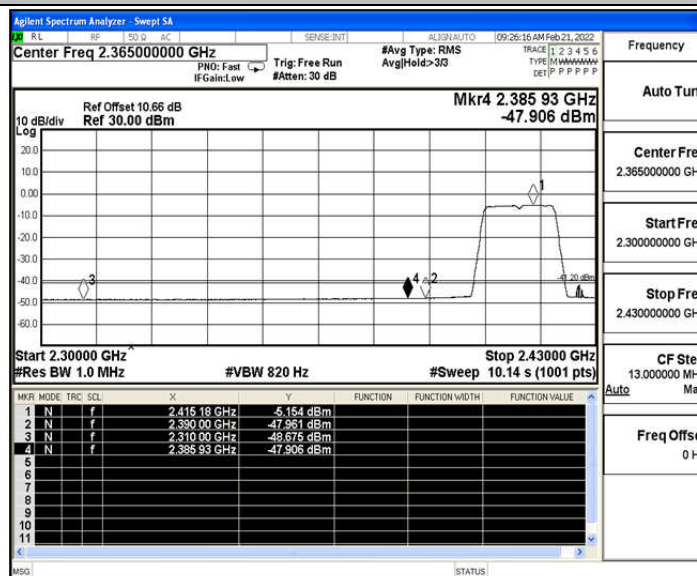
11B_Ant1_High_2462_AV



11B_Ant1_High_2462_Peak

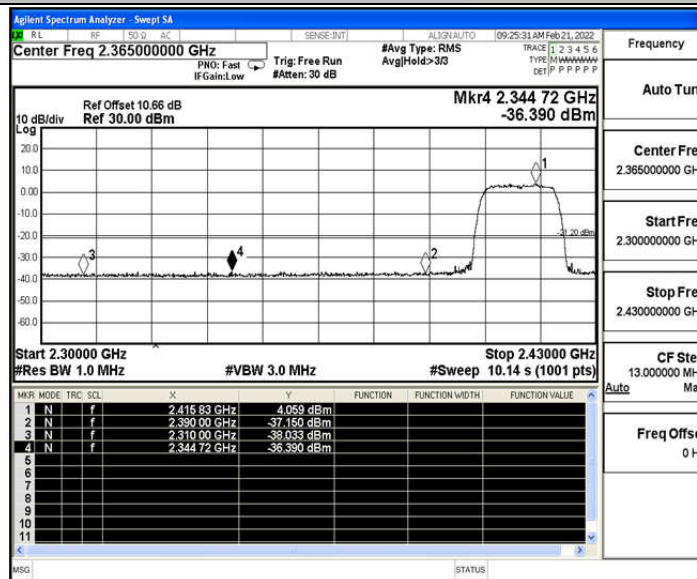


11G_Ant1_Low_2412_AV

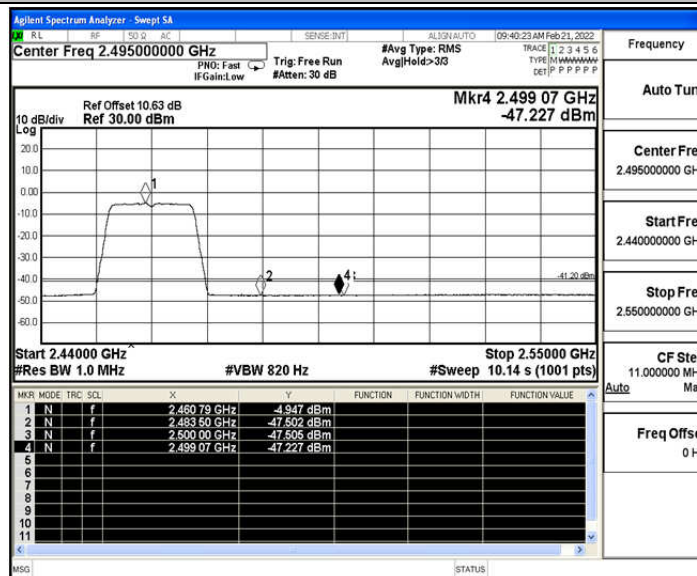




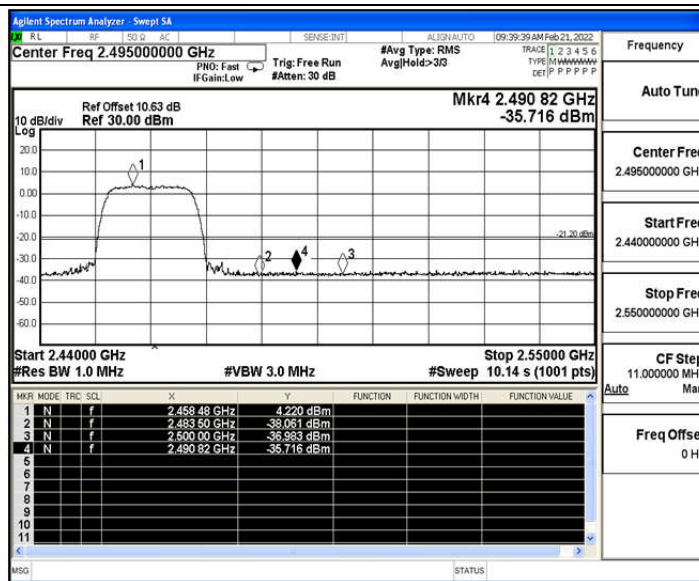
11G_Ant1_Low_2412_Peak



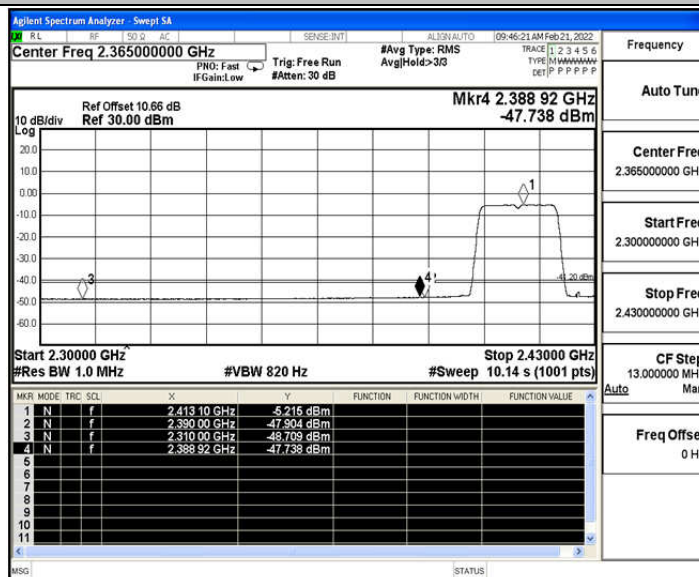
11G_Ant1_High_2462_AV



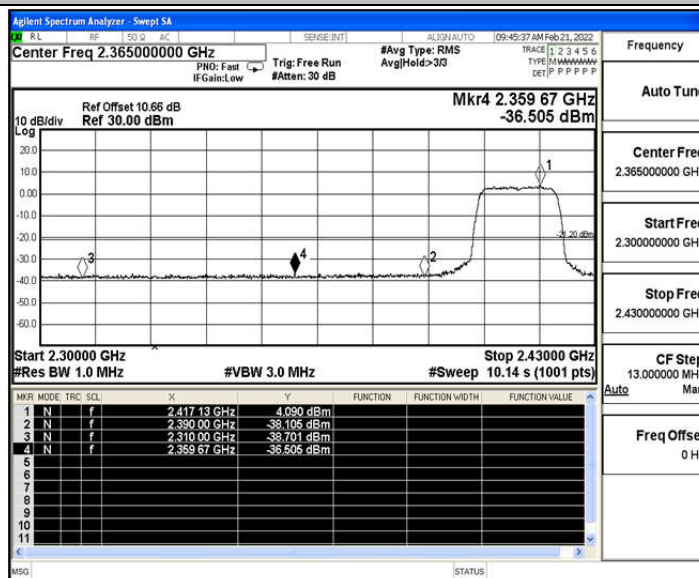
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11N20SISO_Ant1_Low_2412_AV

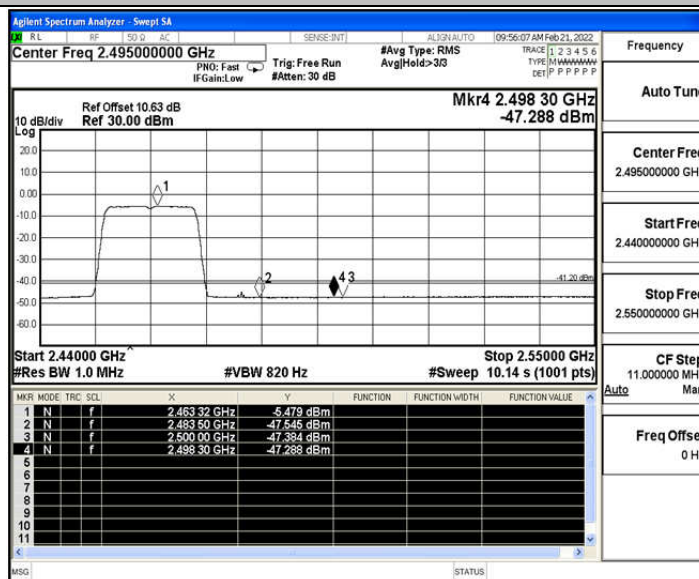


11N20SISO_Ant1_Low_2412_Peak

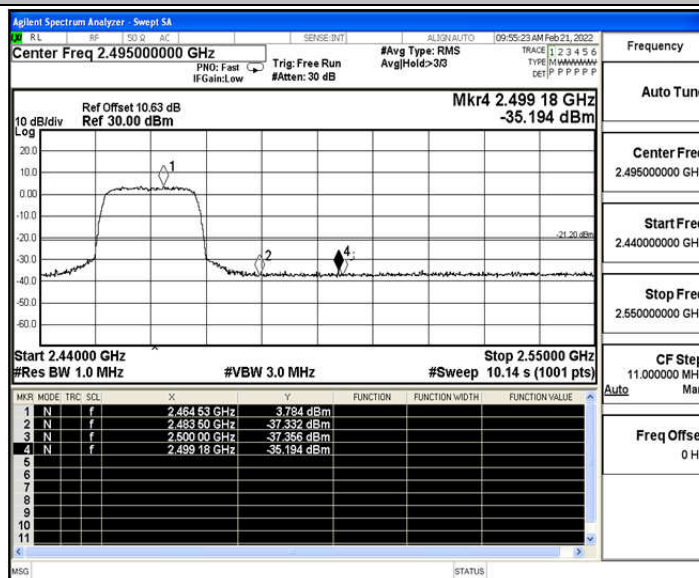




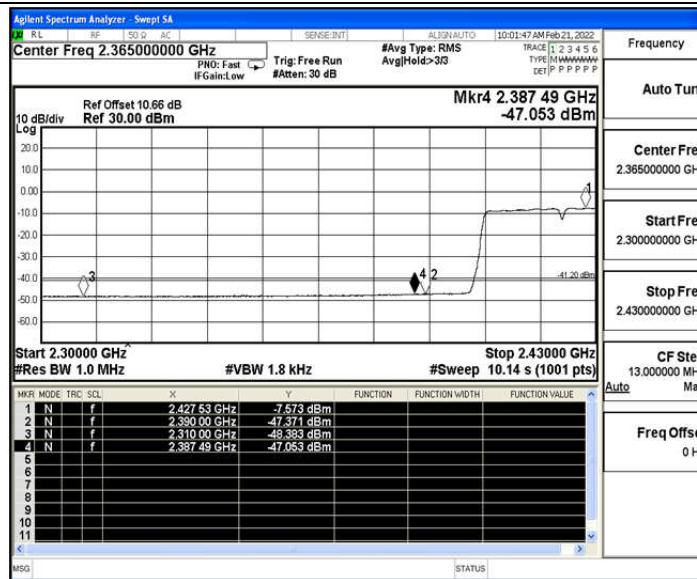
11N20SISO_Ant1_High_2462_AV



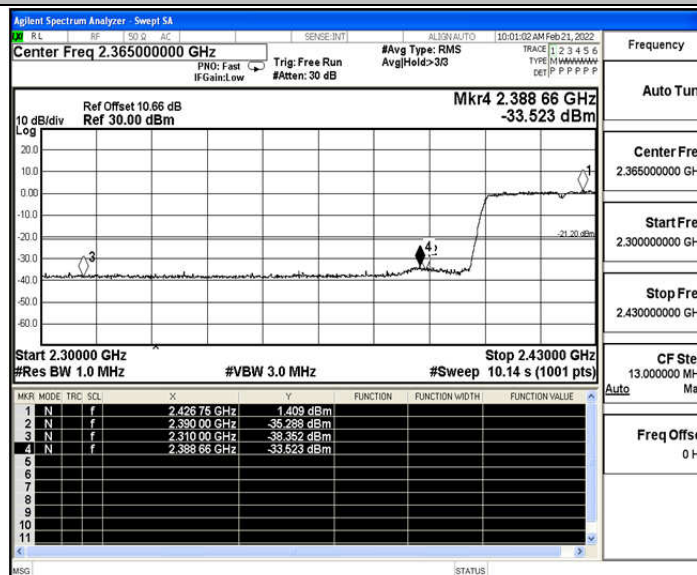
11N20SISO_Ant1_High_2462_Peak



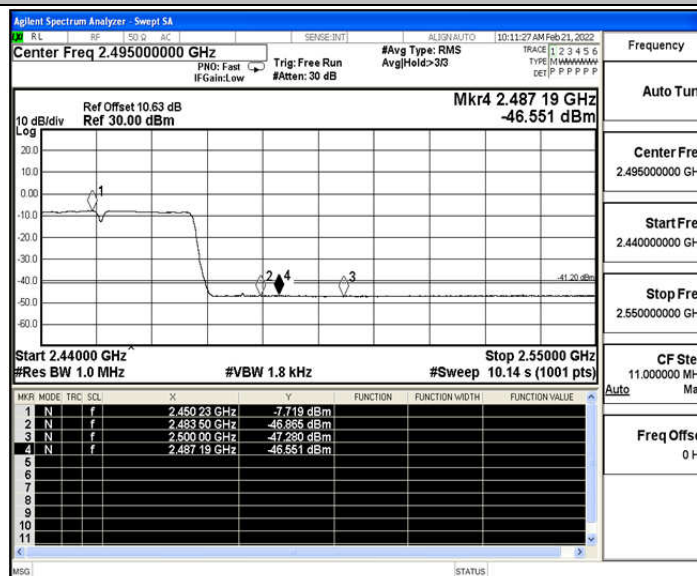
11N40SISO_Ant1_Low_2422_AV



11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV





11N40SISO_Ant1_High_2452_Peak

