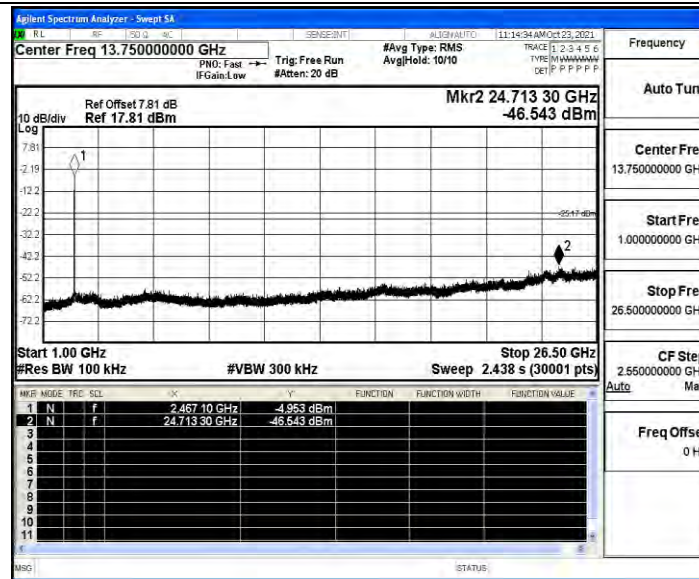
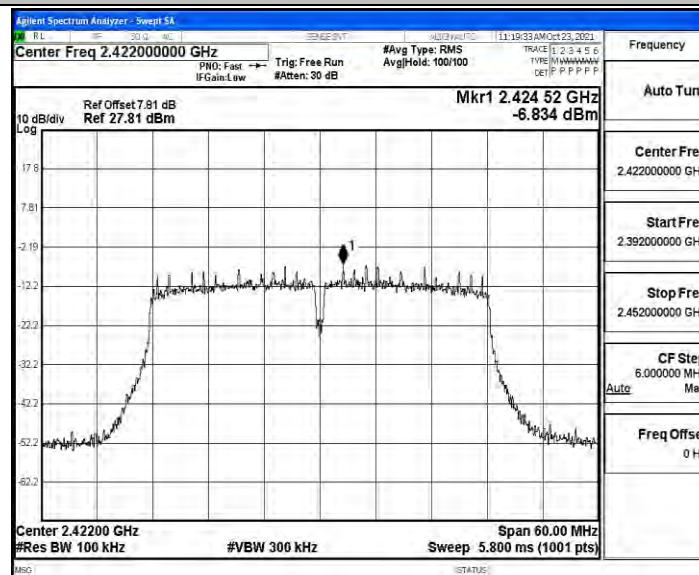
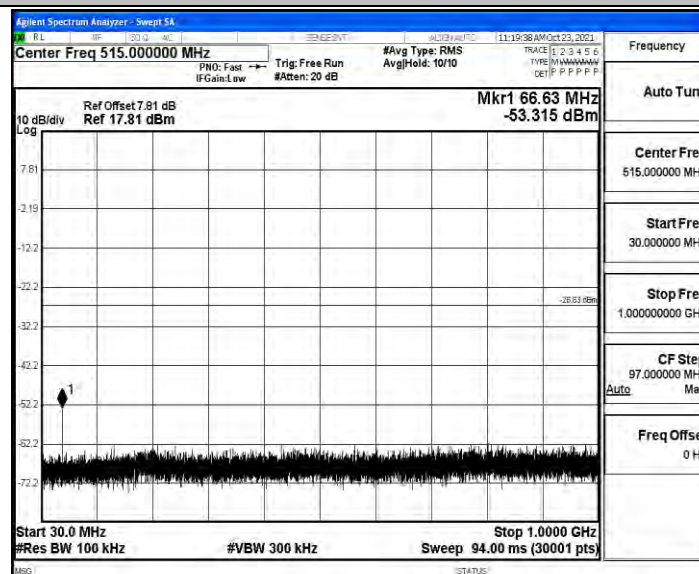




11N40SISO_Ant1_2422_0~Reference

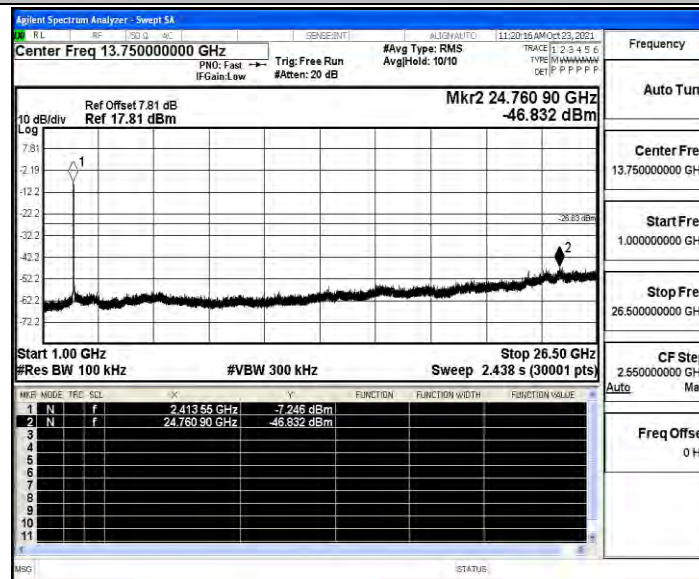


11N40SISO_Ant1_2422_30~1000

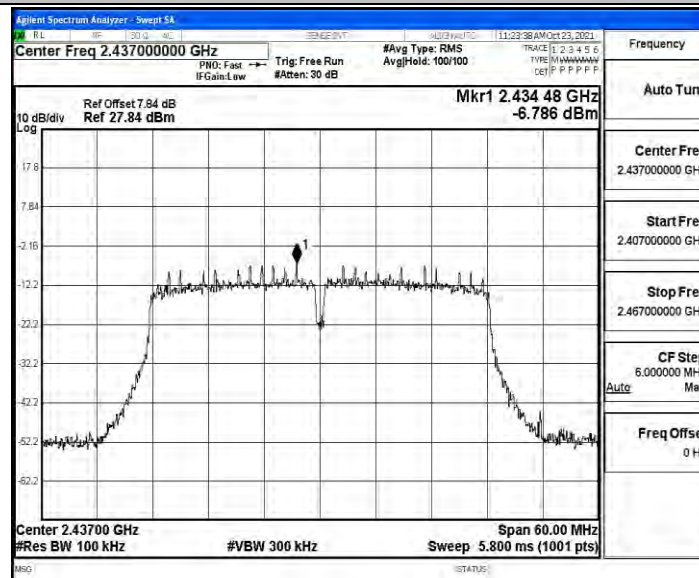




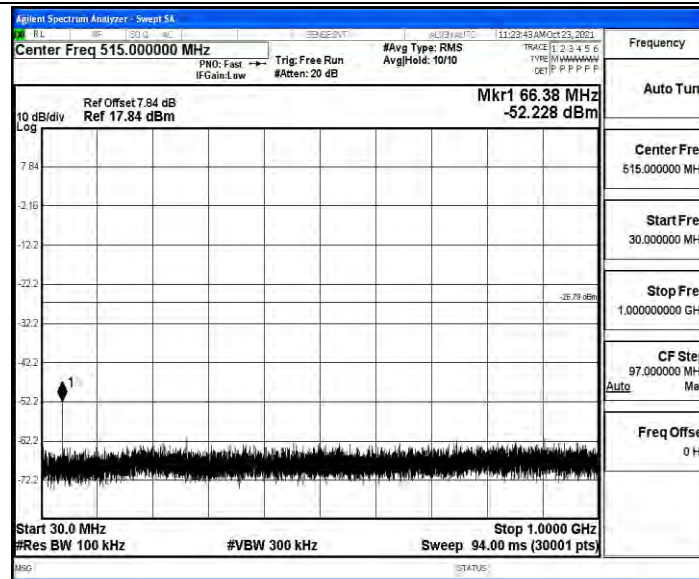
11N40SISO_Ant1_2422_1000~26500



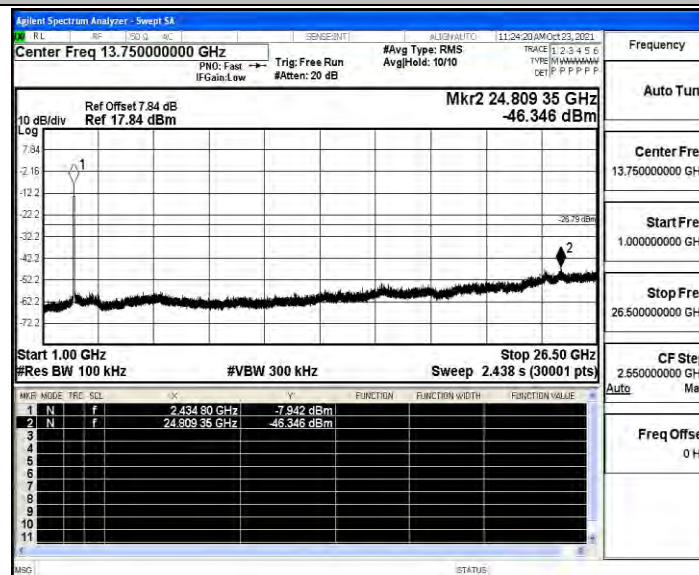
11N40SISO_Ant1_2437_0~Reference



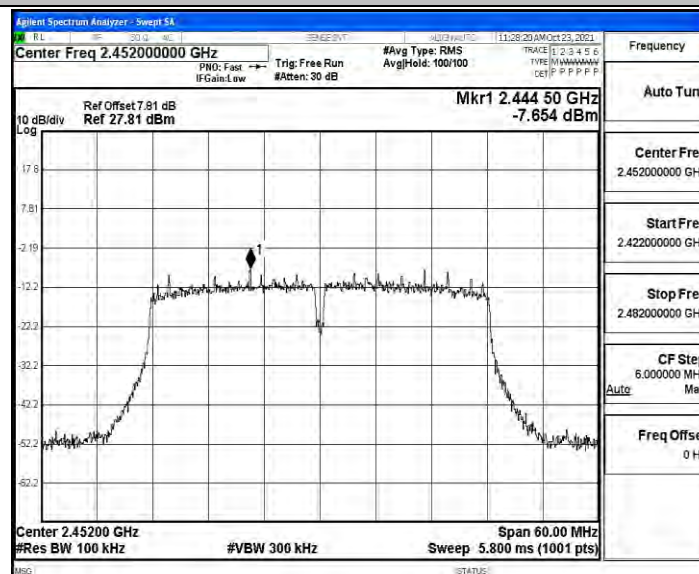
11N40SISO_Ant1_2437_30~1000



11N40SISO_Ant1_2437_1000~26500

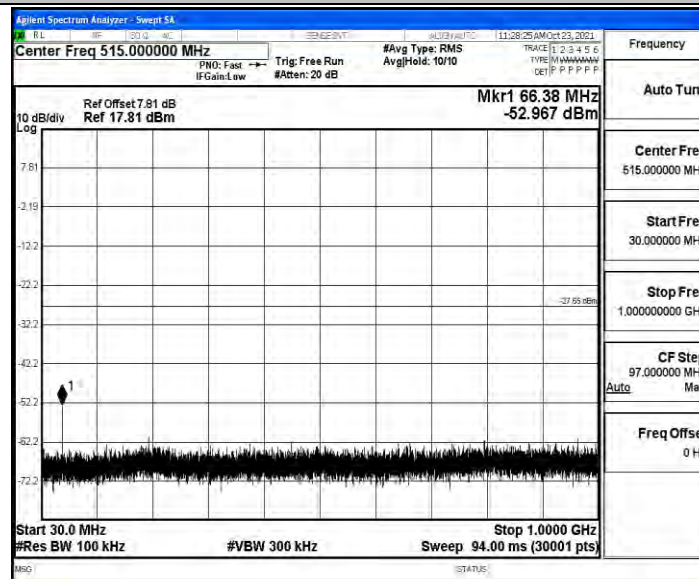


11N40SISO_Ant1_2452_0~Reference

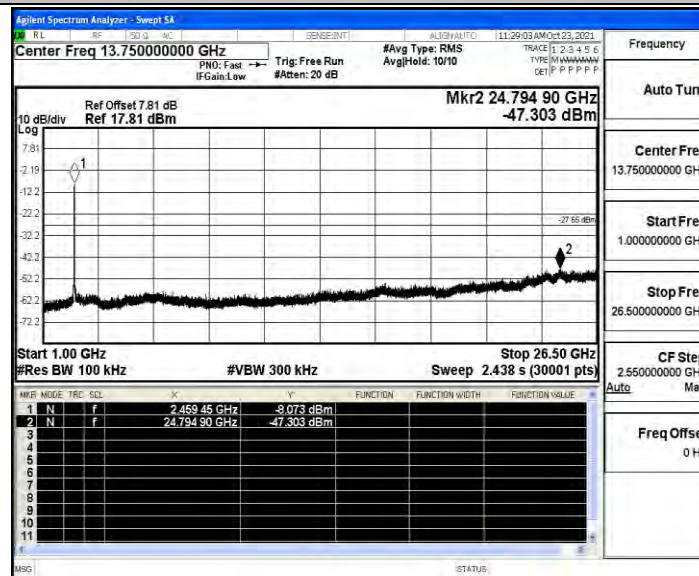




11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500





A.6 Duty Cycle

Test Result

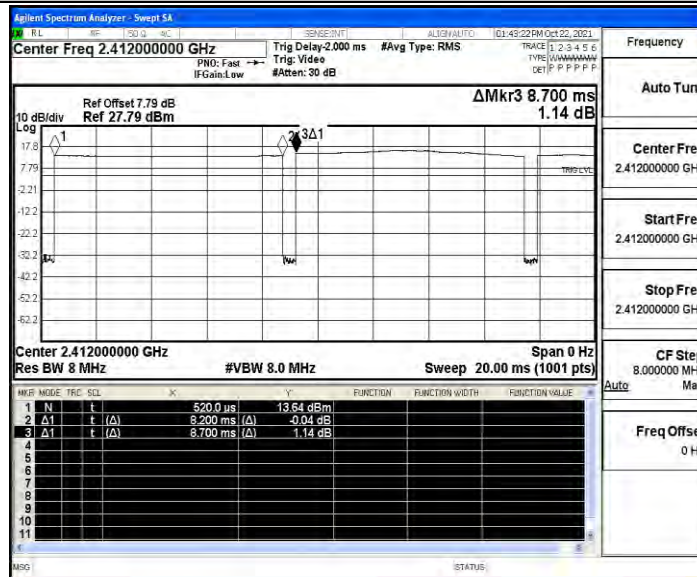
ANT0

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant0	2412	8.20	8.70	94.25	---	PASS
		2437	8.20	8.70	94.25	---	PASS
		2462	8.20	8.70	94.25	---	PASS
11G	Ant0	2412	1.36	1.87	72.73	---	PASS
		2437	1.36	1.87	72.73	---	PASS
		2462	1.36	1.87	72.73	---	PASS
11N20SISO	Ant0	2412	1.27	1.78	71.35	---	PASS
		2437	1.27	1.77	71.75	---	PASS
		2462	1.27	1.78	71.35	---	PASS
11N40SISO	Ant0	2422	0.63	1.14	55.26	---	PASS
		2437	0.63	1.14	55.26	---	PASS
		2452	0.63	1.14	55.26	---	PASS

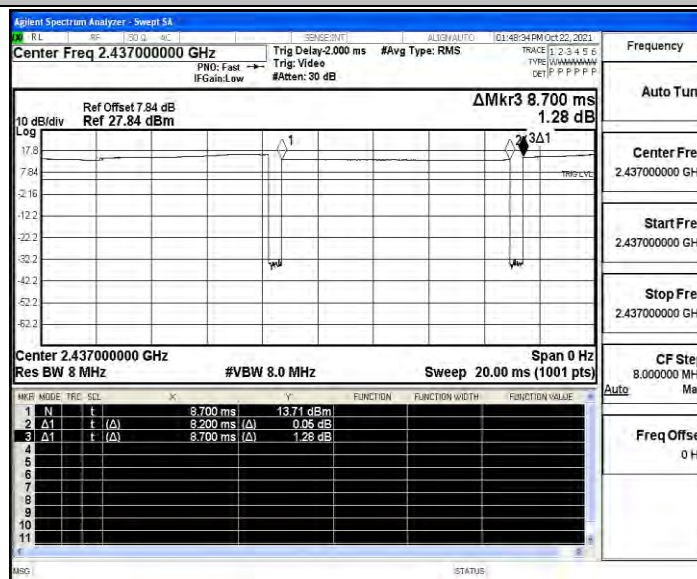


Test Graphs

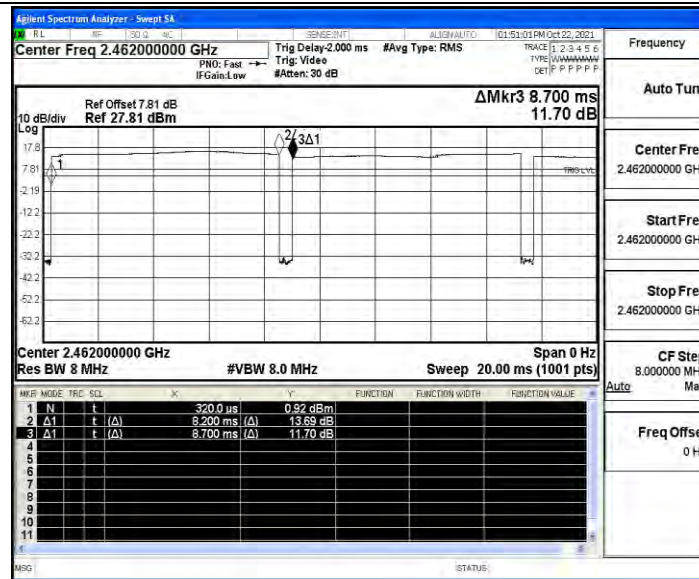
11B_Ant0_2412



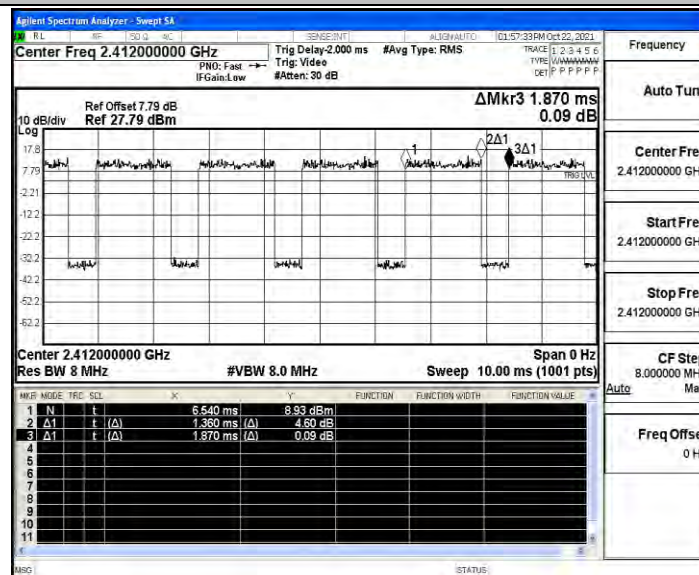
11B_Ant0_2437



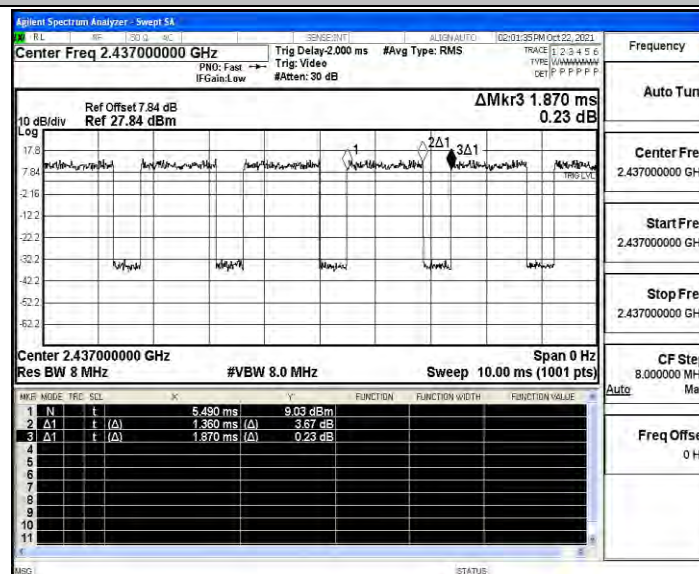
11B_Ant0_2462



11G_Ant0_2412

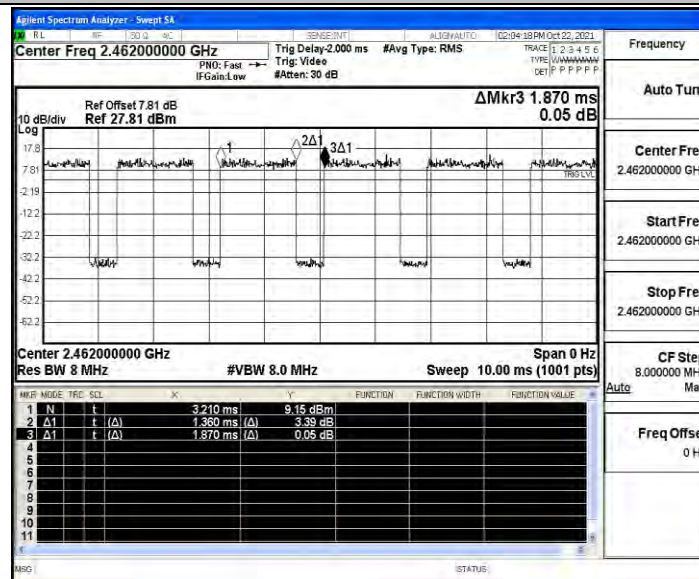


11G_Ant0_2437

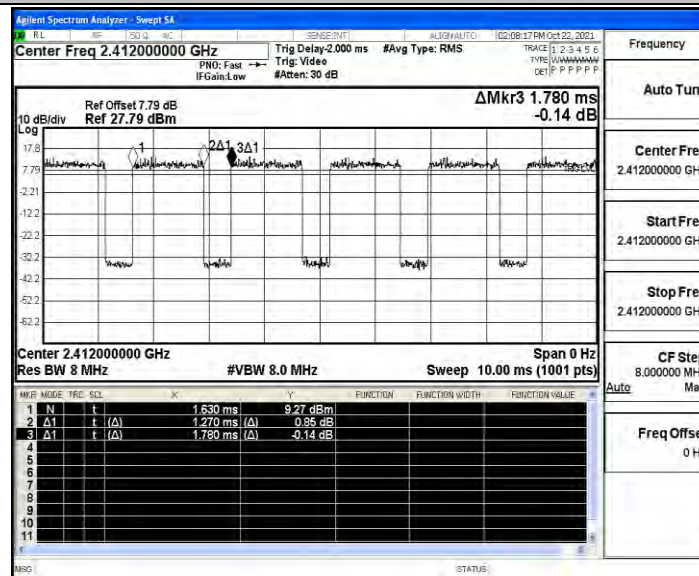




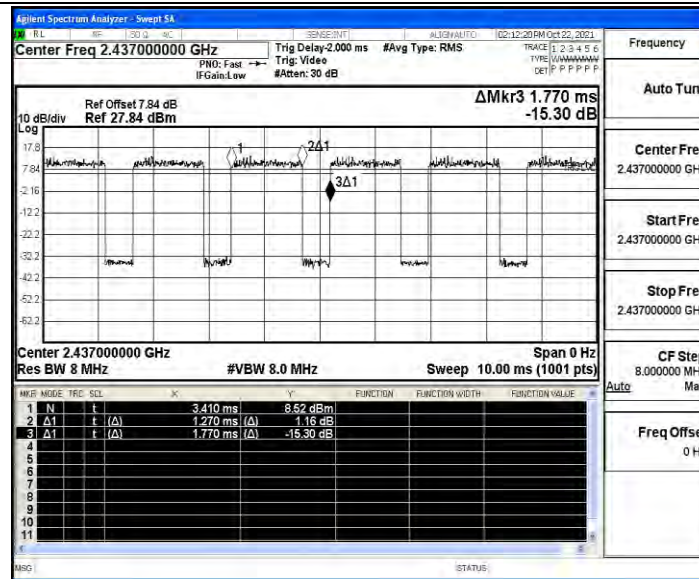
11G_Ant0_2462



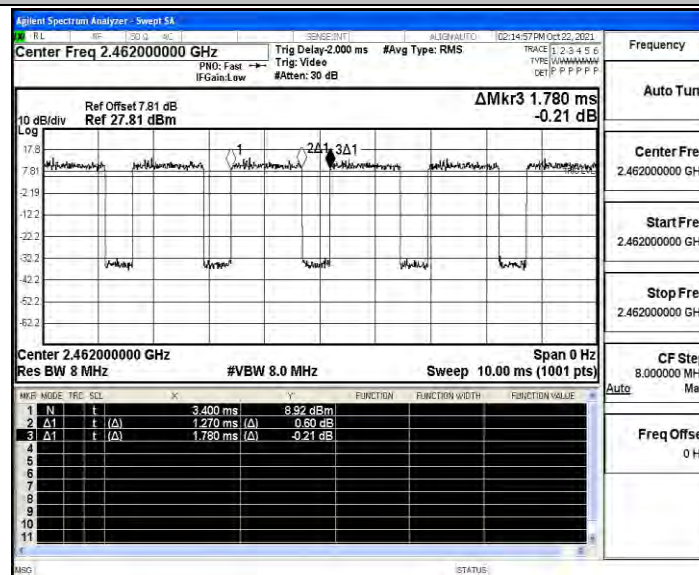
11N20SISO_Ant0_2412



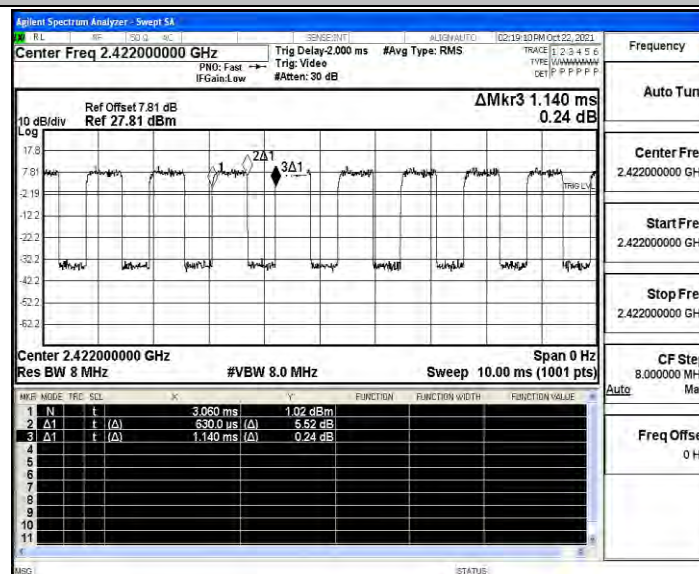
11N20SISO_Ant0_2437



11N20SISO_Ant0_2462

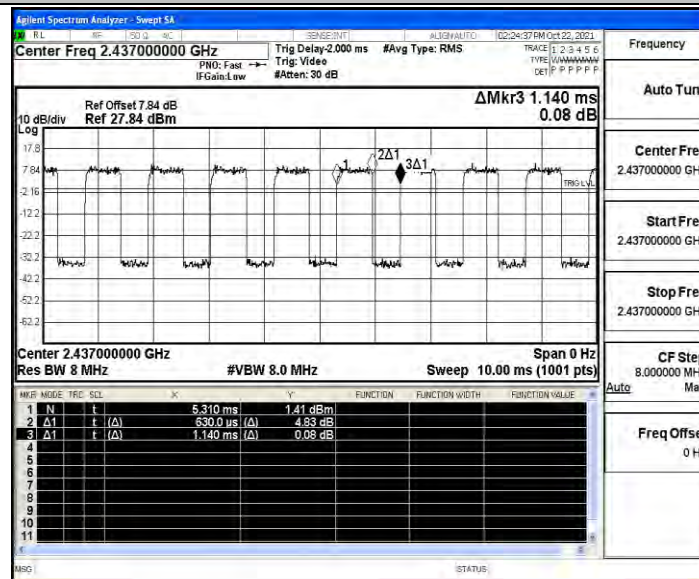


11N40SISO_Ant0_2422

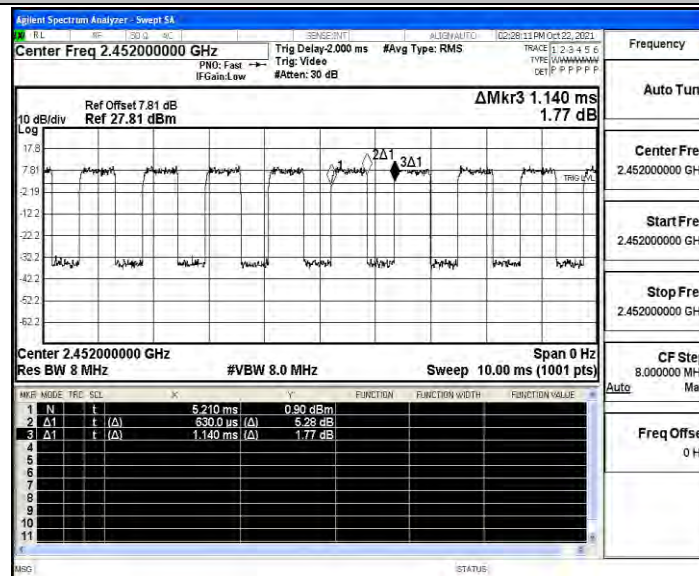




11N40SISO_Ant0_2437



11N40SISO_Ant0_2452

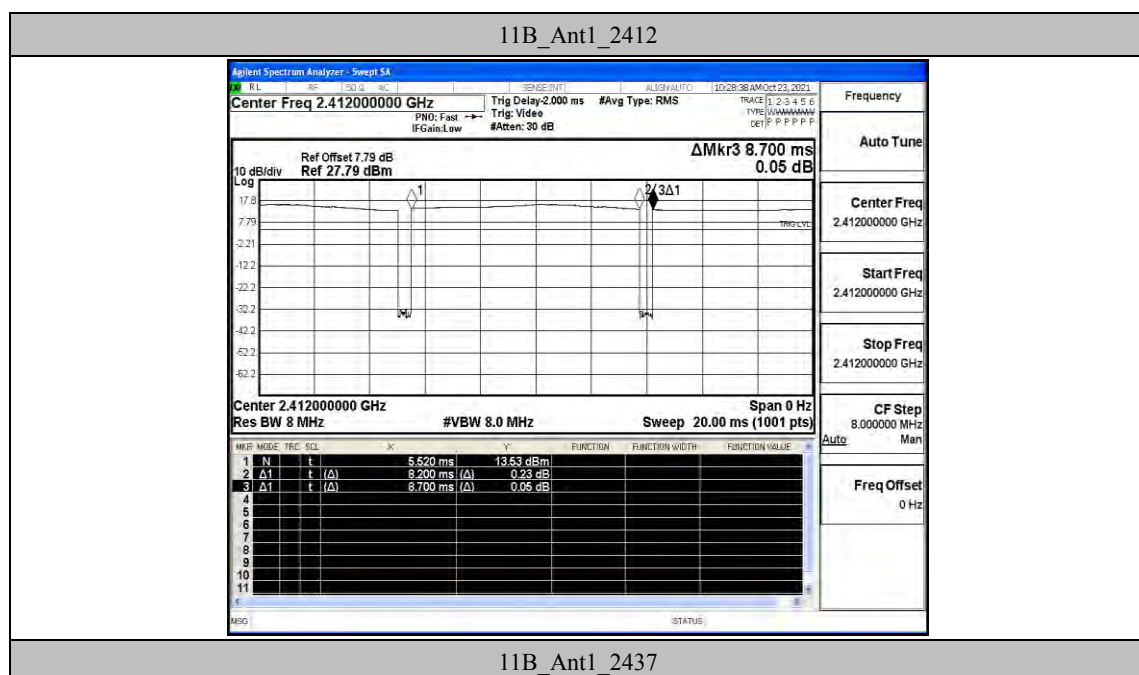


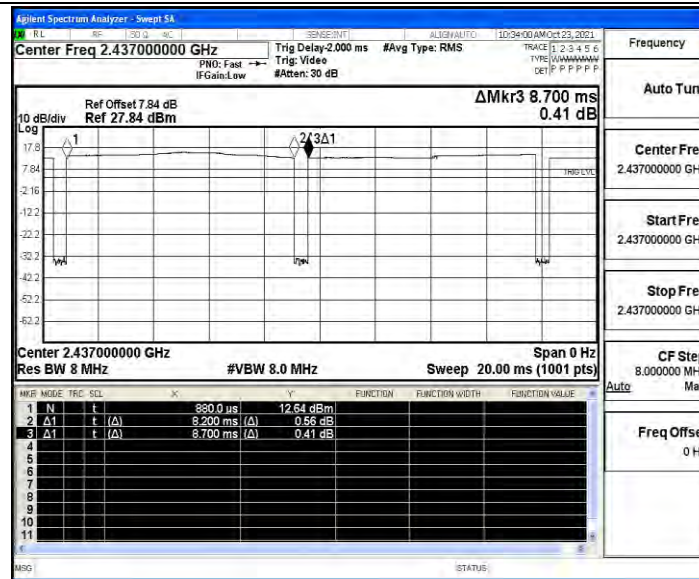


ANT1

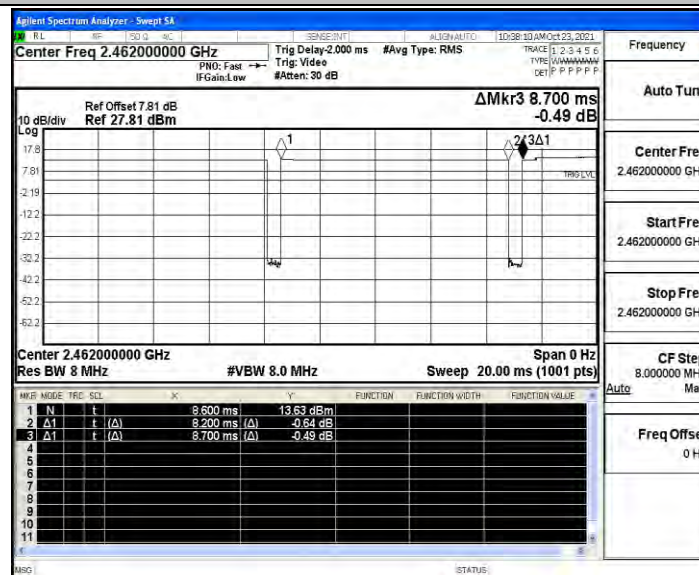
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.20	8.70	94.25	---	PASS
		2437	8.20	8.70	94.25	---	PASS
		2462	8.20	8.70	94.25	---	PASS
11G	Ant1	2412	1.36	1.87	72.73	---	PASS
		2437	1.36	1.87	72.73	---	PASS
		2462	1.36	1.87	72.73	---	PASS
11N20SISO	Ant1	2412	1.27	1.77	71.75	---	PASS
		2437	1.27	1.78	71.35	---	PASS
		2462	1.27	1.78	71.35	---	PASS
11N40SISO	Ant1	2422	0.63	1.14	55.26	---	PASS
		2437	0.63	1.14	55.26	---	PASS
		2452	0.63	1.14	55.26	---	PASS

Test Graphs

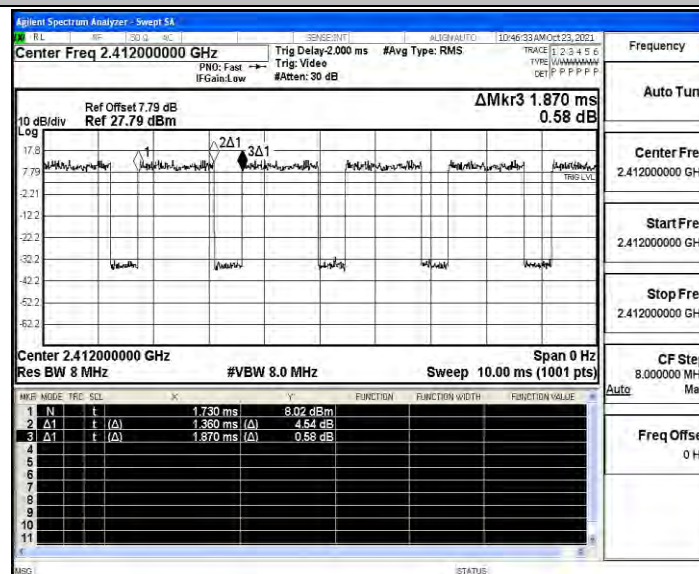




11B_Ant1_2462

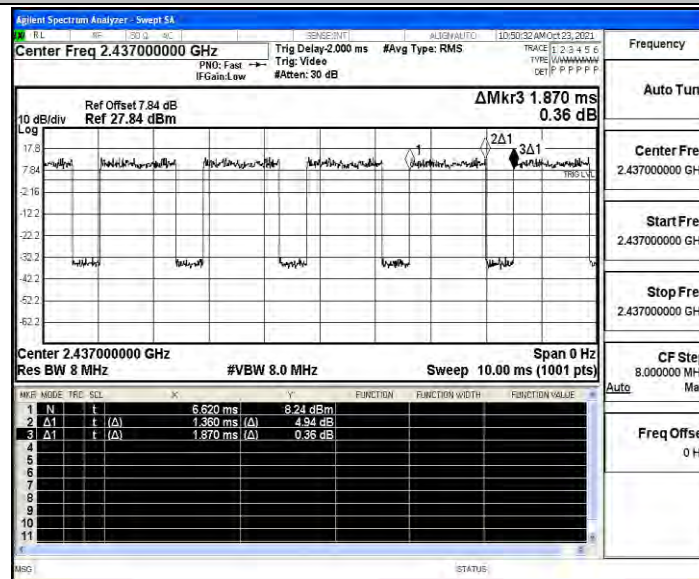


11G_Ant1_2412

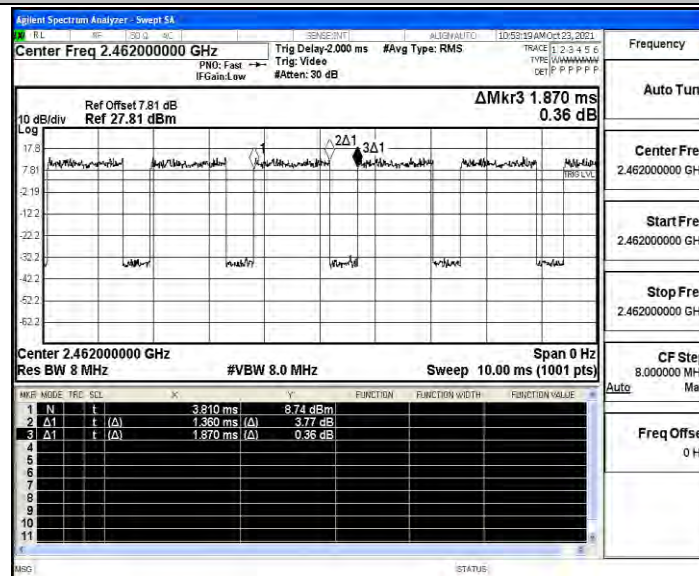




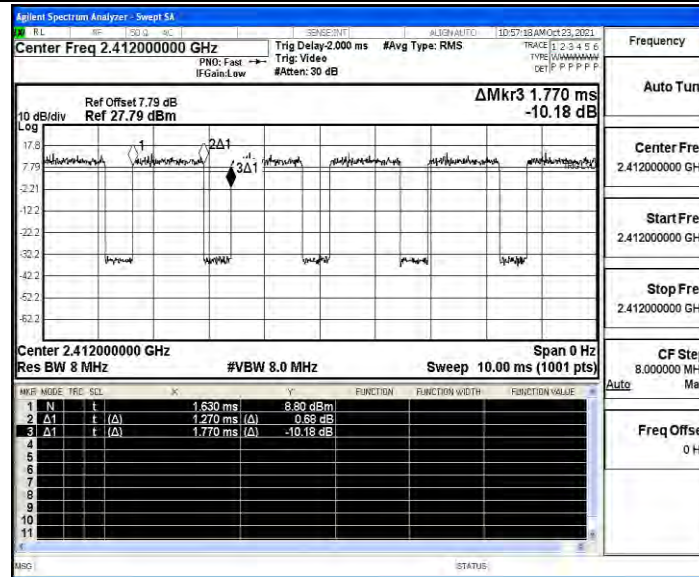
11G_Ant1_2437



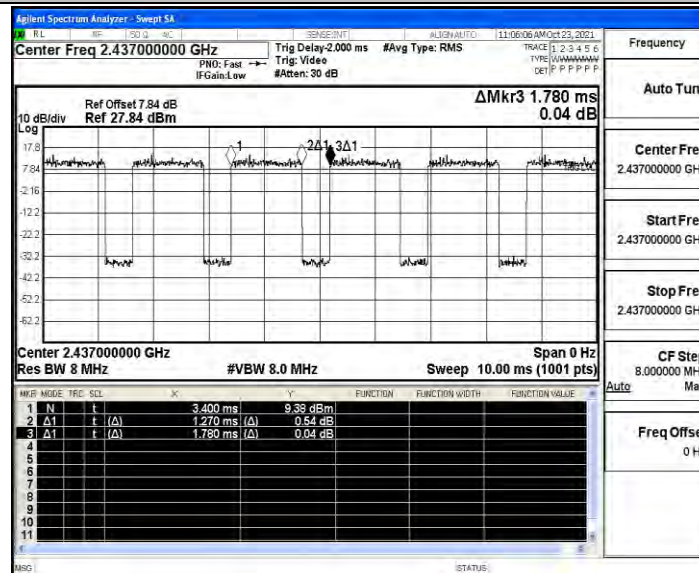
11G_Ant1_2462



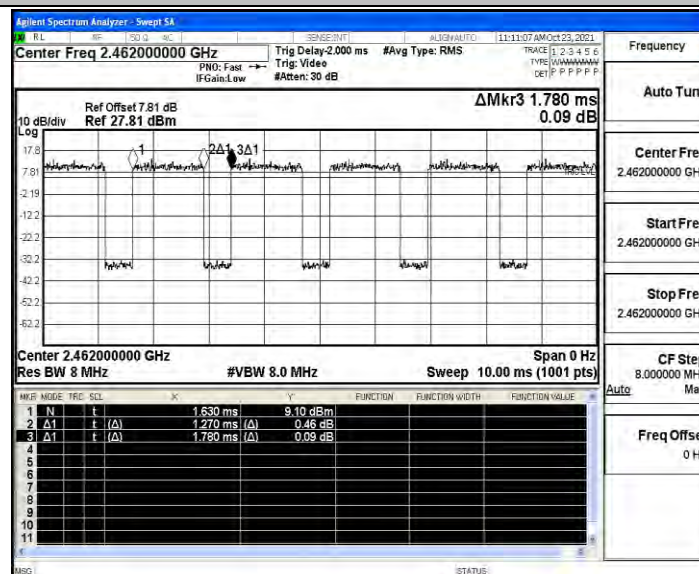
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437

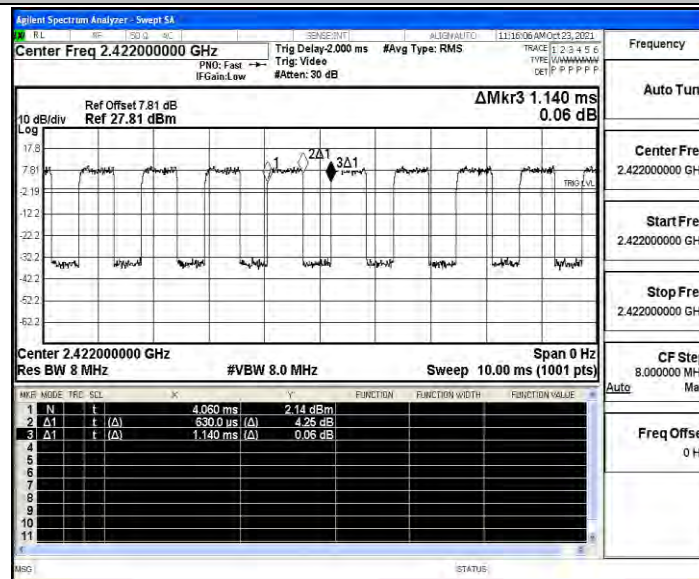


11N20SISO_Ant1_2462

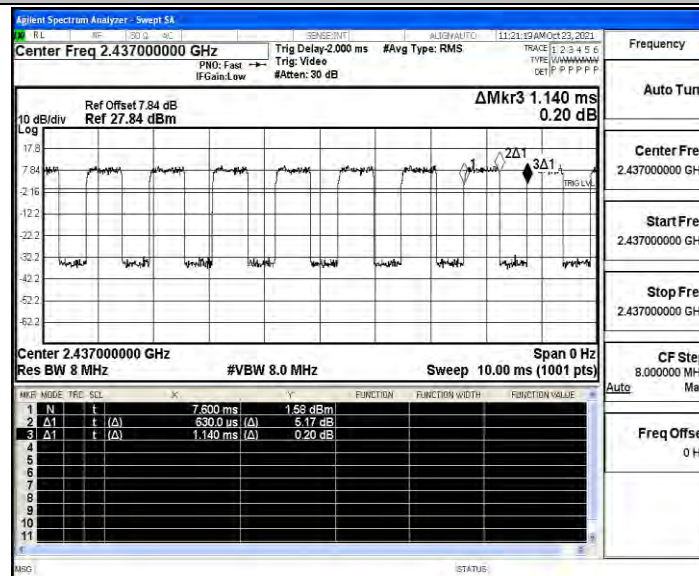




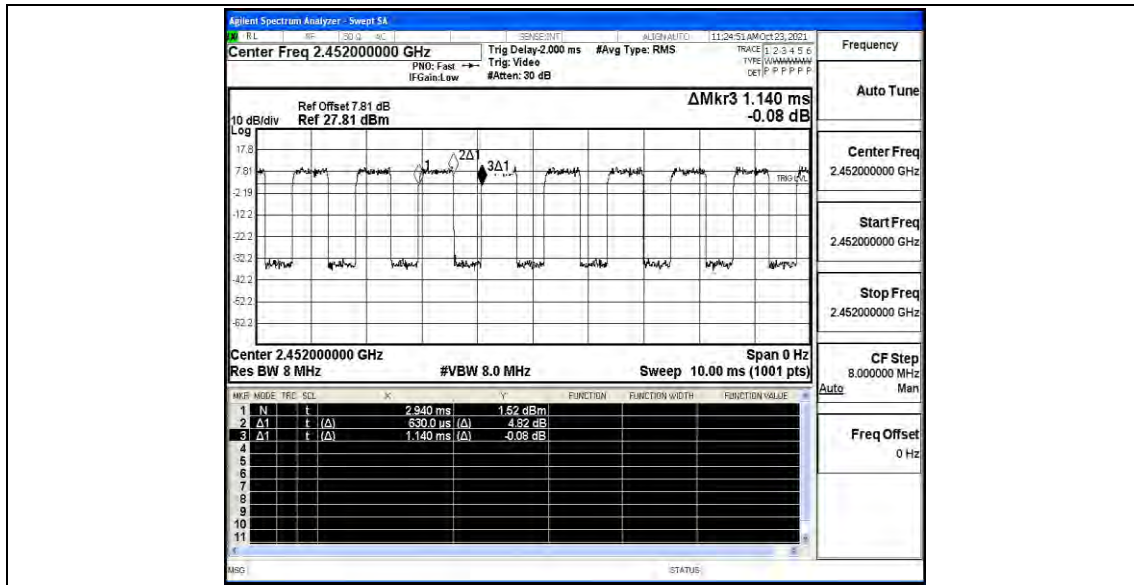
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





A.7 Emissions in Restricted Bands

Test Result

ANT0

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	-48.82	≤-41.20	46.38	≤54	PASS
				AV	2389.050	-47.73	≤-41.20	47.47	≤54	PASS
				AV	2390.000	-47.77	≤-41.20	47.43	≤54	PASS
				Peak	2310.000	-41.31	≤-21.20	53.89	≤74	PASS
				Peak	2367.340	-37.93	≤-21.20	57.27	≤74	PASS
				Peak	2390.000	-40.3	≤-21.20	54.90	≤74	PASS
		High	2462	AV	2483.500	-47.3	≤-41.20	47.90	≤54	PASS
				AV	2487.740	-47.27	≤-41.20	47.93	≤54	PASS
				AV	2500.000	-47.49	≤-41.20	47.71	≤54	PASS
				Peak	2483.500	-39.18	≤-21.20	56.02	≤74	PASS
				Peak	2496.320	-37.32	≤-21.20	57.88	≤74	PASS
				Peak	2500.000	-41.02	≤-21.20	54.18	≤74	PASS
11G	Ant0	Low	2412	AV	2310.000	-48.77	≤-41.20	46.43	≤54	PASS
				AV	2388.010	-48.06	≤-41.20	47.14	≤54	PASS
				AV	2390.000	-48.13	≤-41.20	47.07	≤54	PASS
				Peak	2310.000	-41.96	≤-21.20	53.24	≤74	PASS
				Peak	2383.200	-38.76	≤-21.20	56.44	≤74	PASS
				Peak	2390.000	-41.13	≤-21.20	54.07	≤74	PASS
		High	2462	AV	2483.500	-47.8	≤-41.20	47.40	≤54	PASS
				AV	2497.970	-47.58	≤-41.20	47.62	≤54	PASS
				AV	2500.000	-47.73	≤-41.20	47.47	≤54	PASS
				Peak	2483.500	-40.11	≤-21.20	55.09	≤74	PASS
				Peak	2489.280	-37.89	≤-21.20	57.31	≤74	PASS
				Peak	2500.000	-39.22	≤-21.20	55.98	≤74	PASS
11N20SIS O	Ant0	Low	2412	AV	2310.000	-48.77	≤-41.20	46.43	≤54	PASS
				AV	2388.140	-47.91	≤-41.20	47.29	≤54	PASS
				AV	2390.000	-48.05	≤-41.20	47.15	≤54	PASS
				Peak	2310.000	-43.33	≤-21.20	51.87	≤74	PASS
				Peak	2363.960	-38.64	≤-21.20	56.56	≤74	PASS
				Peak	2390.000	-42.14	≤-21.20	53.06	≤74	PASS
		High	2462	AV	2483.500	-47.76	≤-41.20	47.44	≤54	PASS
				AV	2498.410	-47.52	≤-41.20	47.68	≤54	PASS
				AV	2500.000	-47.76	≤-41.20	47.44	≤54	PASS
				Peak	2483.500	-40.13	≤-21.20	55.07	≤74	PASS
				Peak	2484.770	-38.66	≤-21.20	56.54	≤74	PASS
				Peak	2500.000	-41.38	≤-21.20	53.82	≤74	PASS



11N40SIS O	Ant0	Low	2422	AV	2310.000	-48.46	≤-41.20	46.74	≤54	PASS
				AV	2384.110	-47.57	≤-41.20	47.63	≤54	PASS
				AV	2390.000	-47.73	≤-41.20	47.47	≤54	PASS
				Peak	2310.000	-40.53	≤-21.20	54.67	≤74	PASS
				Peak	2389.310	-38.88	≤-21.20	56.32	≤74	PASS
				Peak	2390.000	-40.31	≤-21.20	54.89	≤74	PASS
		High	2452	AV	2483.500	-46.88	≤-41.20	48.32	≤54	PASS
				AV	2486.860	-46.74	≤-41.20	48.46	≤54	PASS
				AV	2500.000	-47.22	≤-41.20	47.98	≤54	PASS
				Peak	2483.500	-41.23	≤-21.20	53.97	≤74	PASS
				Peak	2484.000	-37.28	≤-21.20	57.92	≤74	PASS
				Peak	2500.000	-38.89	≤-21.20	56.31	≤74	PASS

ANT1

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	-48.81	≤-41.20	46.39	≤54	PASS
				AV	2389.180	-47.7	≤-41.20	47.50	≤54	PASS
				AV	2390.000	-47.74	≤-41.20	47.46	≤54	PASS
				Peak	2310.000	-41.25	≤-21.20	53.95	≤74	PASS
				Peak	2337.180	-38.48	≤-21.20	56.72	≤74	PASS
				Peak	2390.000	-41.6	≤-21.20	53.60	≤74	PASS
		High	2462	AV	2483.500	-47.32	≤-41.20	47.88	≤54	PASS
				AV	2483.560	-47.3	≤-41.20	47.90	≤54	PASS
				AV	2500.000	-47.5	≤-41.20	47.70	≤54	PASS
				Peak	2483.500	-41.3	≤-21.20	53.90	≤74	PASS
				Peak	2490.710	-37.61	≤-21.20	57.59	≤74	PASS
				Peak	2500.000	-39.4	≤-21.20	55.80	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-48.81	≤-41.20	46.39	≤54	PASS
				AV	2389.440	-47.88	≤-41.20	47.32	≤54	PASS
				AV	2390.000	-47.96	≤-41.20	47.24	≤54	PASS
				Peak	2310.000	-42.75	≤-21.20	52.45	≤74	PASS
				Peak	2347.580	-39	≤-21.20	56.20	≤74	PASS
				Peak	2390.000	-40.44	≤-21.20	54.76	≤74	PASS
		High	2462	AV	2483.500	-47.69	≤-41.20	47.51	≤54	PASS
				AV	2499.840	-47.31	≤-41.20	47.89	≤54	PASS
				AV	2500.000	-47.48	≤-41.20	47.72	≤54	PASS
				Peak	2483.500	-41.06	≤-21.20	54.14	≤74	PASS
				Peak	2484.550	-38.24	≤-21.20	56.96	≤74	PASS
				Peak	2500.000	-39.93	≤-21.20	55.27	≤74	PASS
11N20SIS O	Ant1	Low	2412	AV	2310.000	-48.61	≤-41.20	46.59	≤54	PASS
				AV	2389.440	-47.98	≤-41.20	47.22	≤54	PASS
				AV	2390.000	-48.04	≤-41.20	47.16	≤54	PASS



				Peak	2310.000	-41.72	≤ -21.20	53.48	≤ 74	PASS
				Peak	2381.250	-37.37	≤ -21.20	57.83	≤ 74	PASS
				Peak	2390.000	-42.19	≤ -21.20	53.01	≤ 74	PASS
		High	2462	AV	2483.500	-47.55	≤ -41.20	47.65	≤ 54	PASS
				AV	2498.740	-47.45	≤ -41.20	47.75	≤ 54	PASS
				AV	2500.000	-47.6	≤ -41.20	47.60	≤ 54	PASS
				Peak	2483.500	-40.5	≤ -21.20	54.70	≤ 74	PASS
				Peak	2498.740	-38.05	≤ -21.20	57.15	≤ 74	PASS
				Peak	2500.000	-40.41	≤ -21.20	54.79	≤ 74	PASS
11N40SIS O	Ant1	Low	2422	AV	2310.000	-48.4	≤ -41.20	46.80	≤ 54	PASS
				AV	2388.270	-47.33	≤ -41.20	47.87	≤ 54	PASS
				AV	2390.000	-47.53	≤ -41.20	47.67	≤ 54	PASS
				Peak	2310.000	-42.01	≤ -21.20	53.19	≤ 74	PASS
				Peak	2367.860	-38.34	≤ -21.20	56.86	≤ 74	PASS
				Peak	2390.000	-39.7	≤ -21.20	55.50	≤ 74	PASS
		High	2452	AV	2483.500	-47.04	≤ -41.20	48.16	≤ 54	PASS
				AV	2486.530	-46.61	≤ -41.20	48.59	≤ 54	PASS
				AV	2500.000	-47.38	≤ -41.20	47.82	≤ 54	PASS
				Peak	2483.500	-41.62	≤ -21.20	53.58	≤ 74	PASS
				Peak	2485.760	-37.35	≤ -21.20	57.85	≤ 74	PASS
				Peak	2500.000	-41.15	≤ -21.20	54.05	≤ 74	PASS

**Combined Ant_0 and Ant_1**

TestMode	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11N20 MIMO	2412	AV	2310.000	-45.68	≤-41.20	52.55	≤54	PASS
		AV	2389.570	-44.93	≤-41.20	53.29	≤54	PASS
		AV	2390.000	-45.03	≤-41.20	53.19	≤54	PASS
		Peak	2310.000	-39.44	≤-21.20	58.79	≤74	PASS
		Peak	2365.520	-34.95	≤-21.20	63.28	≤74	PASS
		Peak	2390.000	-39.15	≤-21.20	59.07	≤74	PASS
	2462	AV	2483.500	-44.64	≤-41.20	53.58	≤54	PASS
		AV	2483.560	-44.47	≤-41.20	53.75	≤54	PASS
		AV	2500.000	-44.67	≤-41.20	53.56	≤54	PASS
		Peak	2483.500	-37.30	≤-21.20	60.93	≤74	PASS
		Peak	2483.560	-35.33	≤-21.20	62.89	≤74	PASS
		Peak	2500.000	-37.86	≤-21.20	60.37	≤74	PASS
11N40SIS O	2422	AV	2310.000	-45.42	≤-41.20	52.81	≤54	PASS
		AV	2389.570	-44.44	≤-41.20	53.79	≤54	PASS
		AV	2390.000	-44.62	≤-41.20	53.61	≤54	PASS
		Peak	2310.000	-38.20	≤-21.20	60.03	≤74	PASS
		Peak	2365.520	-35.59	≤-21.20	62.64	≤74	PASS
		Peak	2390.000	-36.98	≤-21.20	61.24	≤74	PASS
	2452	AV	2483.500	-43.95	≤-41.20	54.28	≤54	PASS
		AV	2483.560	-43.66	≤-41.20	54.56	≤54	PASS
		AV	2500.000	-44.29	≤-41.20	53.94	≤54	PASS
		Peak	2483.500	-38.41	≤-21.20	59.82	≤74	PASS
		Peak	2483.560	-34.30	≤-21.20	63.92	≤74	PASS
		Peak	2500.000	-36.86	≤-21.20	61.36	≤74	PASS

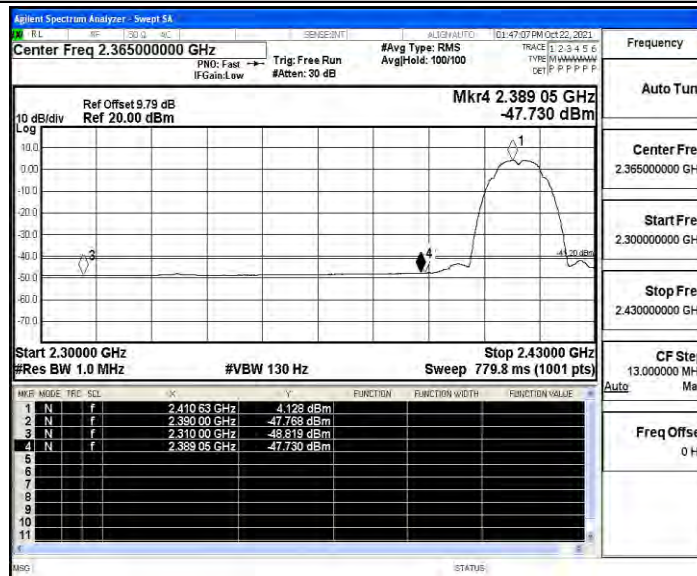
Note:

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.

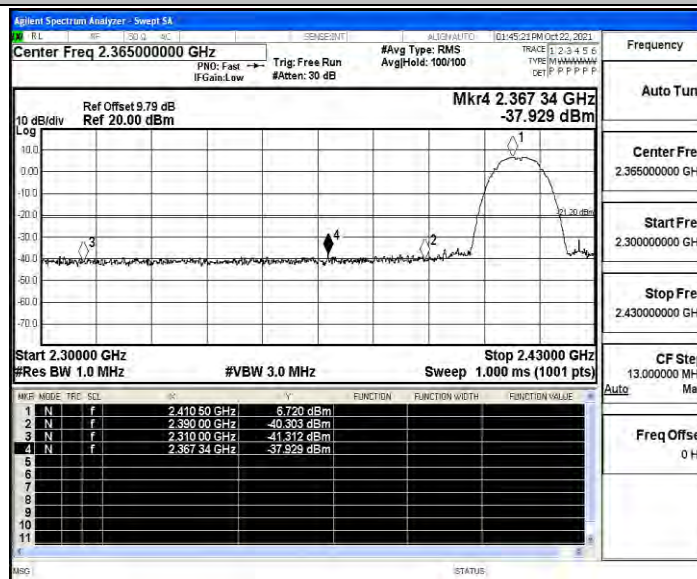


Test Graphs(ANT0)

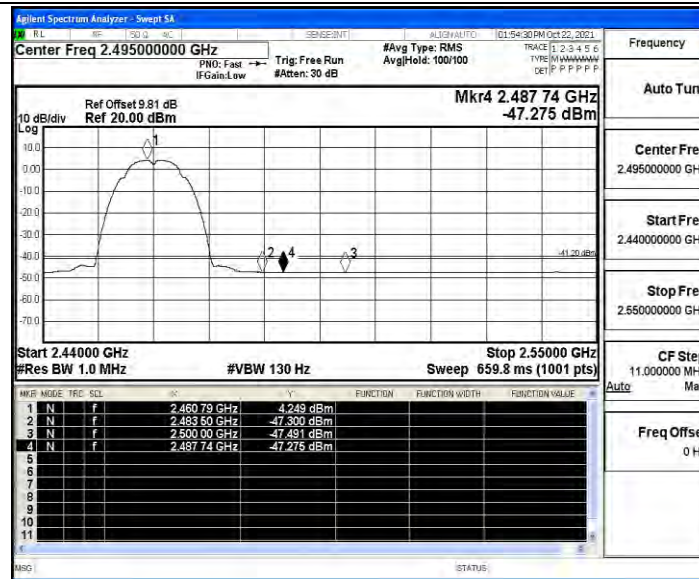
11B_Ant0_Low_2412_AV



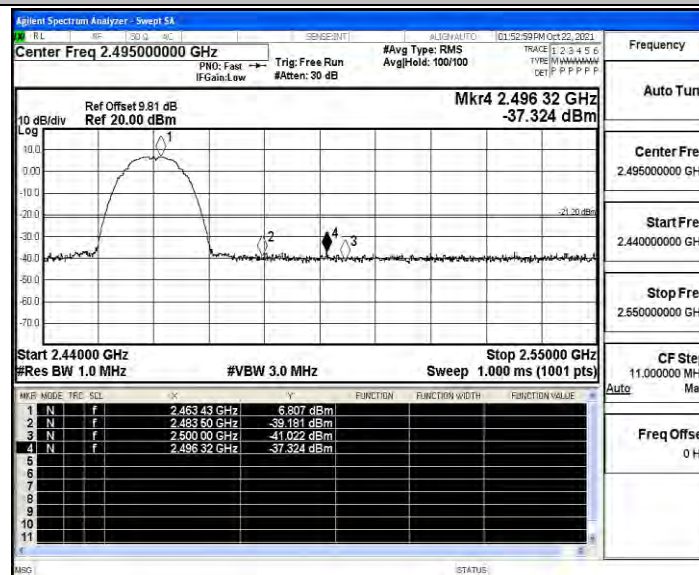
11B_Ant0_Low_2412_Peak



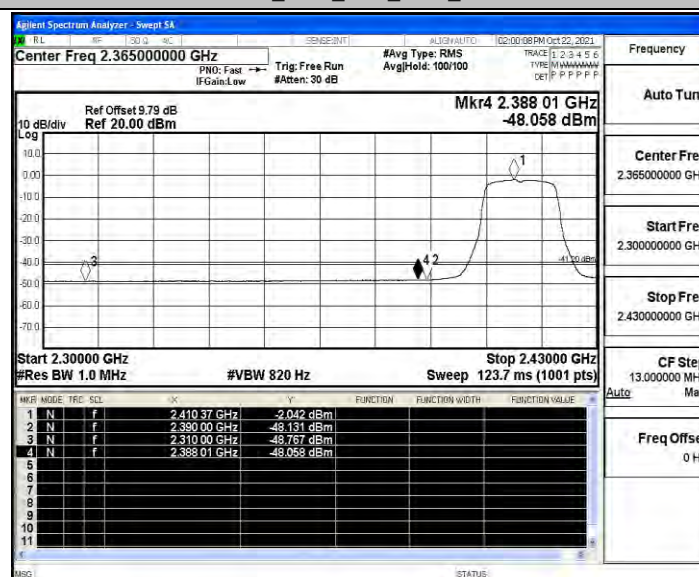
11B_Ant0_High_2462_AV



11B_Ant0_High_2462_Peak

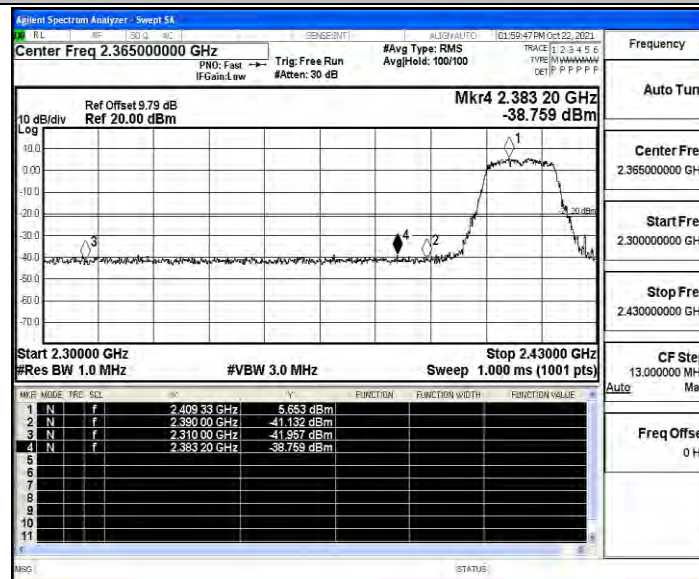


11G_Ant0_Low_2412_AV

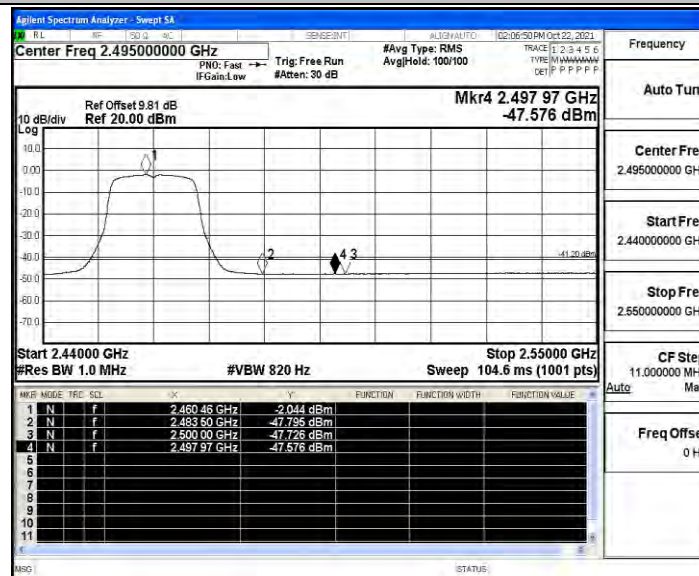




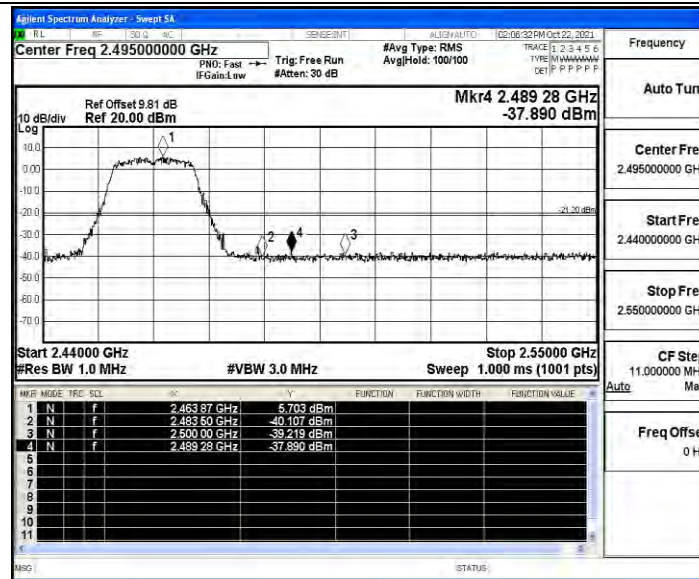
11G_Ant0_Low_2412_Peak



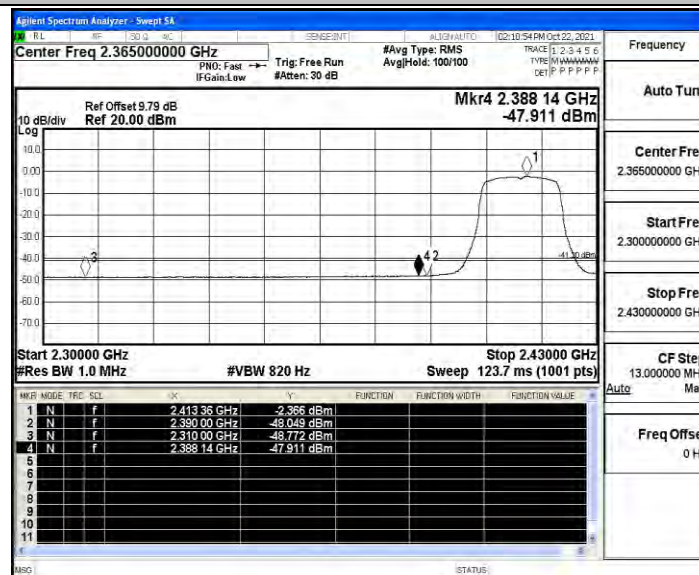
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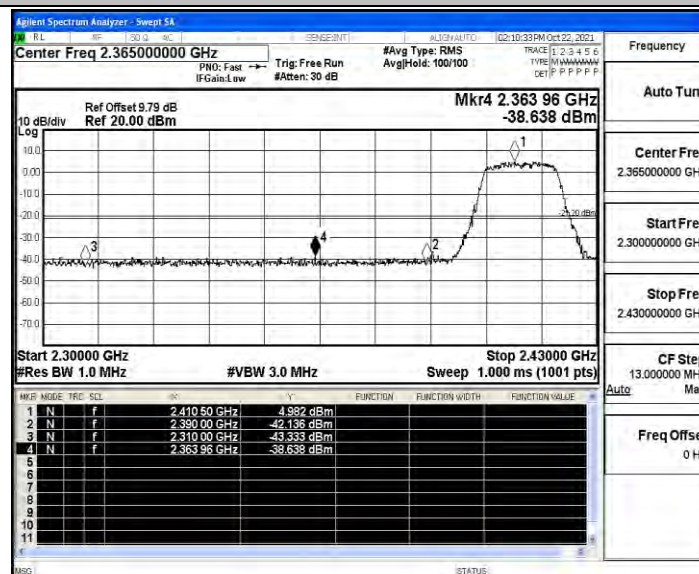
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11N20SISO_Ant0_Low_2412_AV

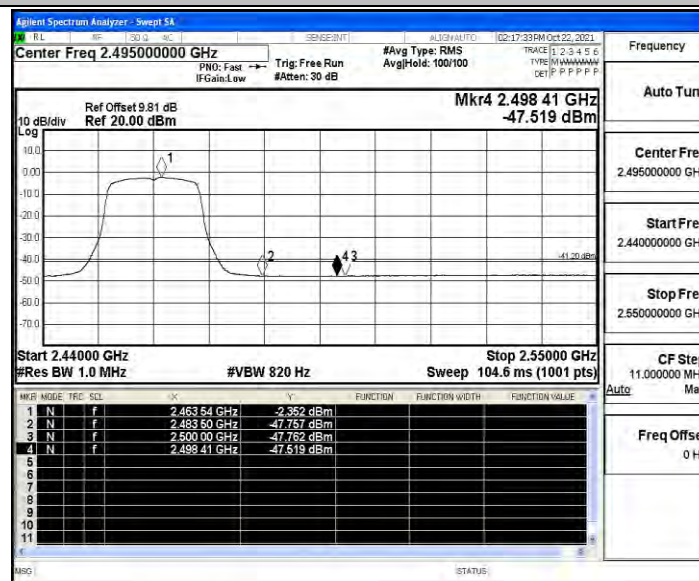


11N20SISO_Ant0_Low_2412_Peak

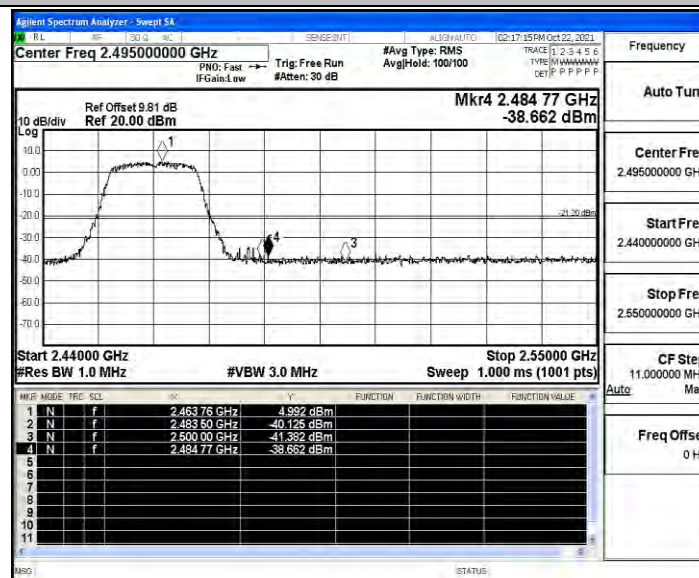




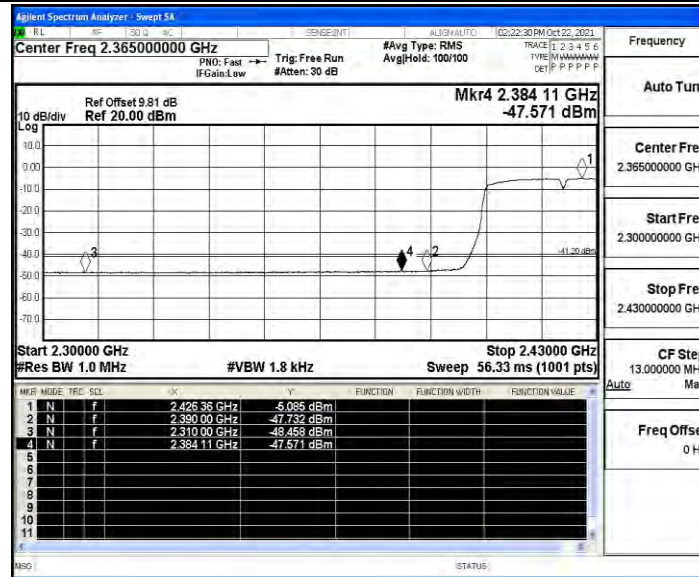
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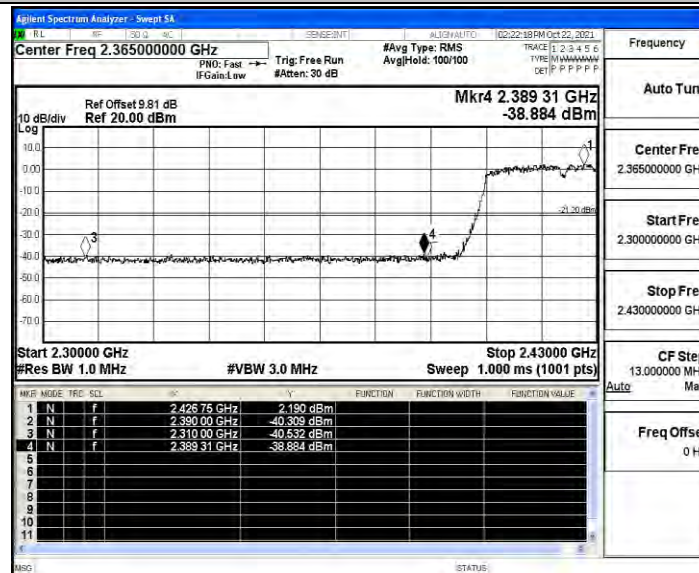
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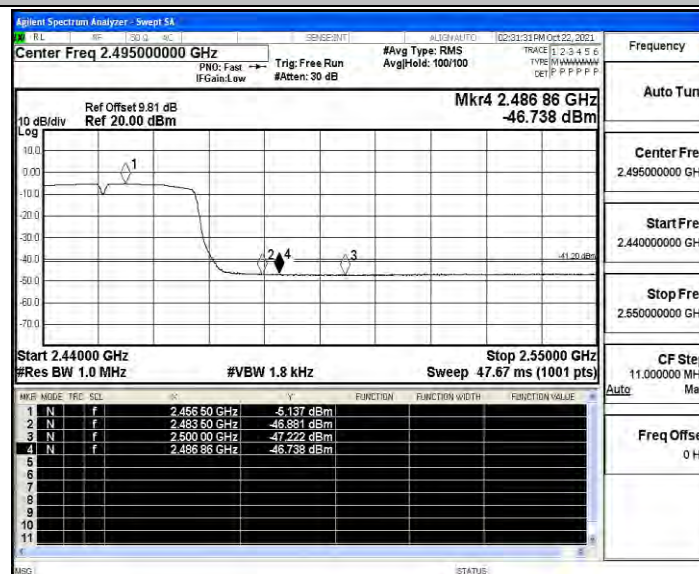
11N40SISO_Ant0_Low_2422_AV



11N40SISO_Ant0_Low_2422_Peak

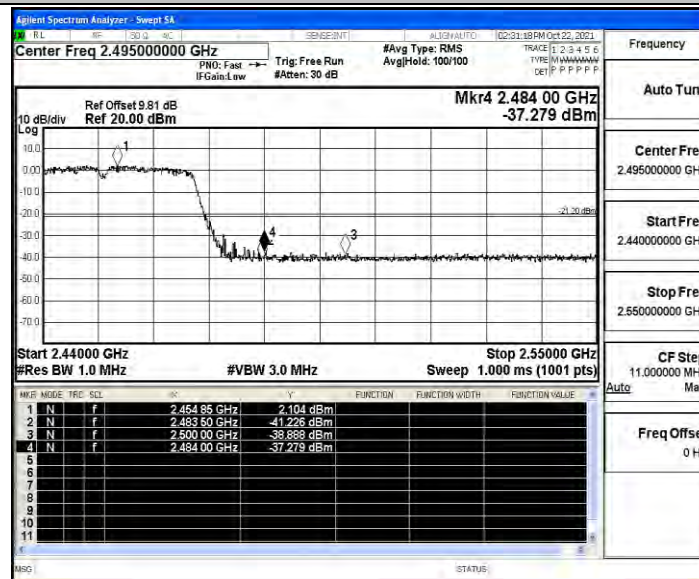


11N40SISO_Ant0_High_2452_AV



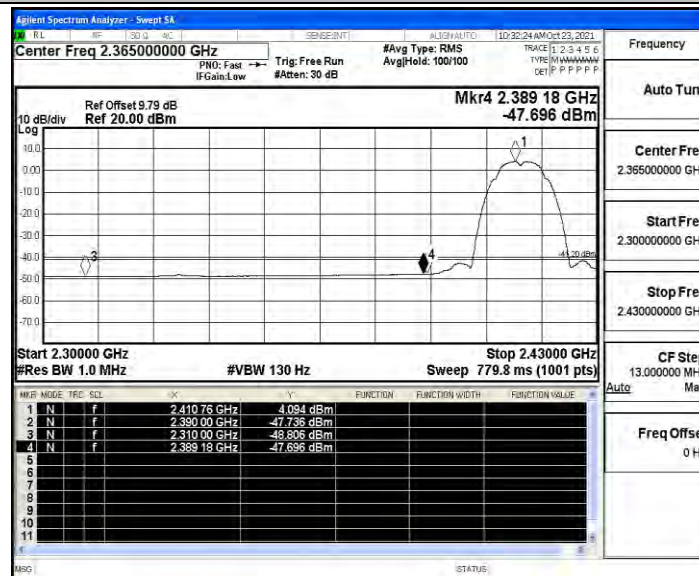


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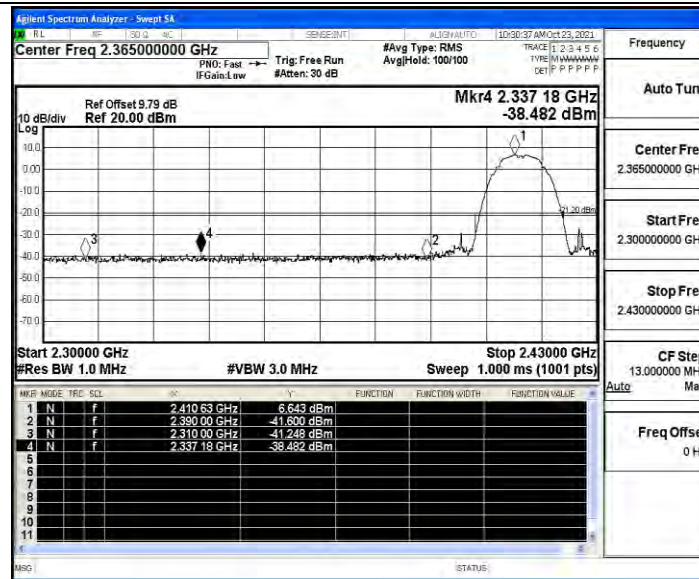


Test Graphs(ANT1)

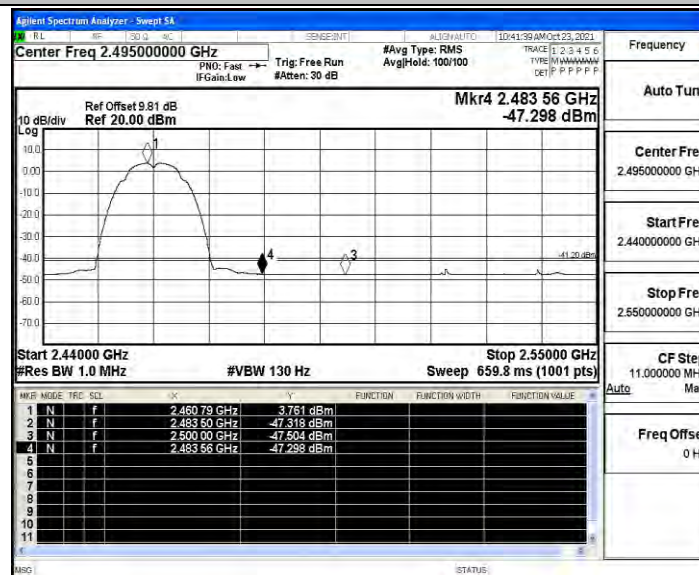
11B_Ant1_Low_2412_AV



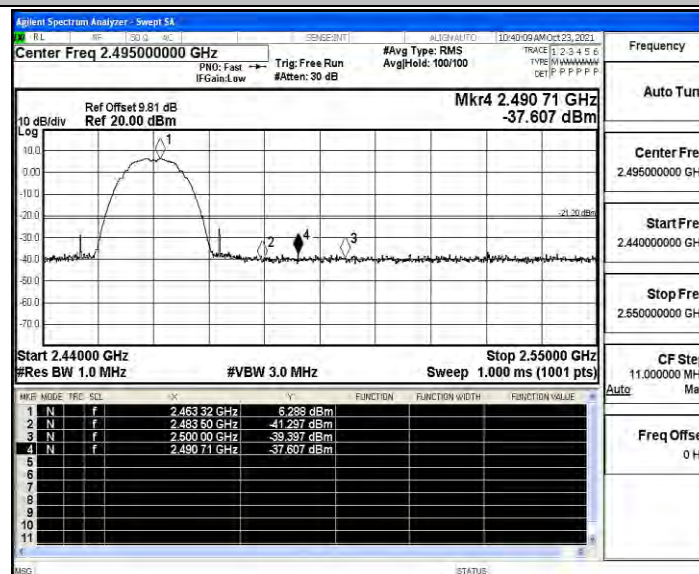
11B_Ant1_Low_2412_Peak



11B_Ant1_High_2462_AV

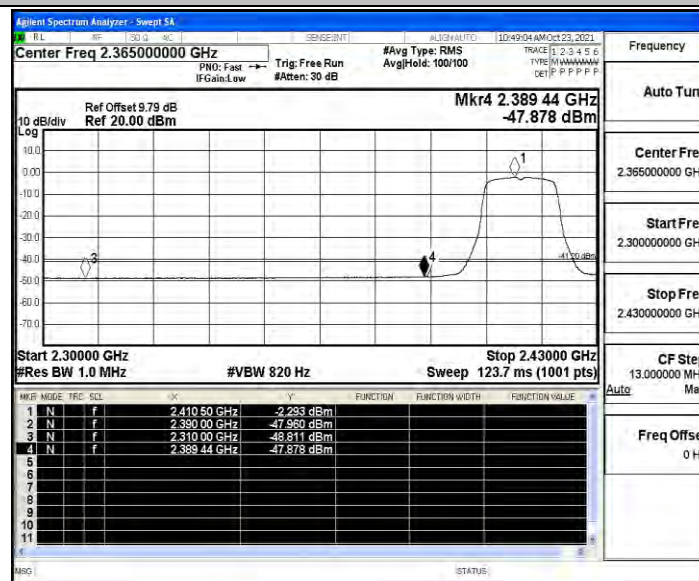


11B_Ant1_High_2462_Peak

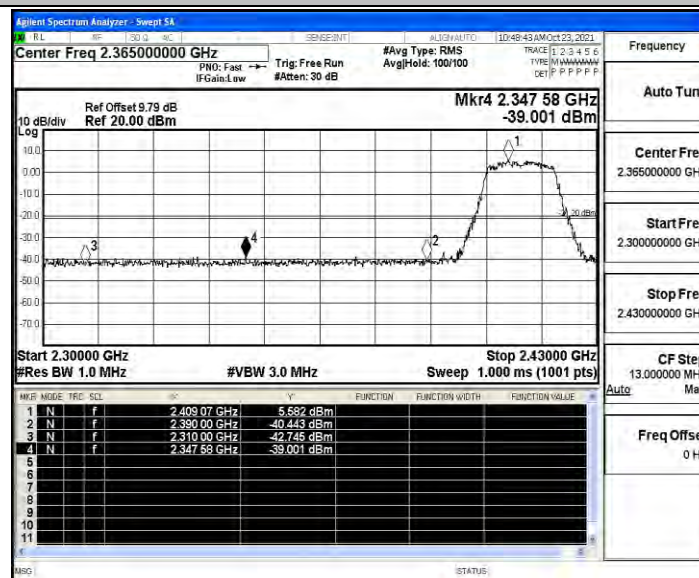




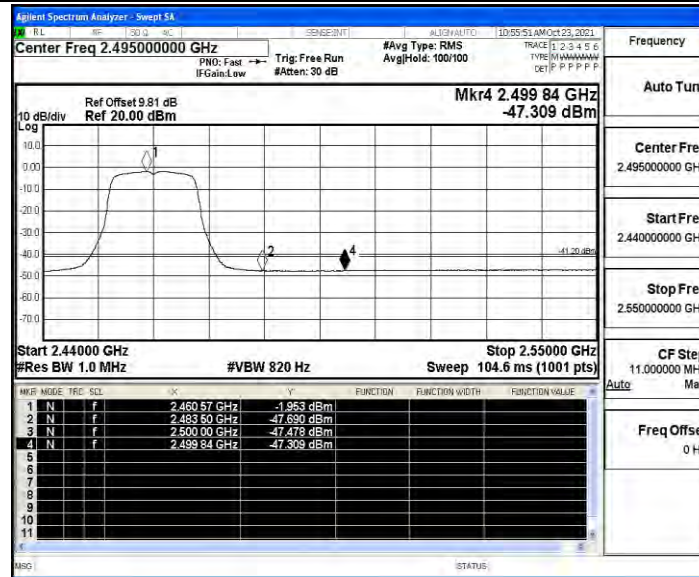
11G_Ant1_Low_2412_AV



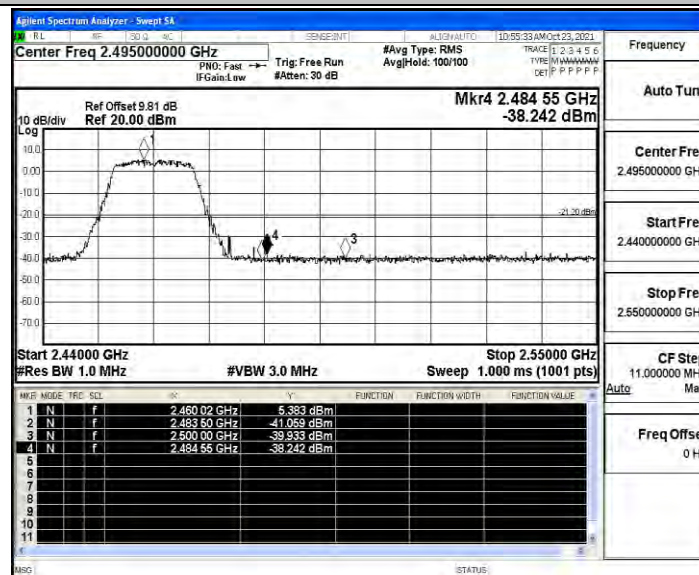
11G_Ant1_Low_2412_Peak



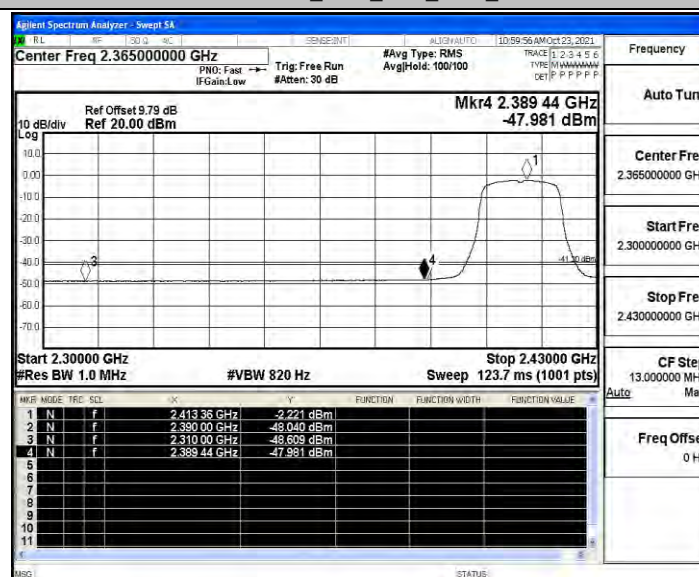
11G_Ant1_High_2462_AV



11G_Ant1_High_2462_Peak

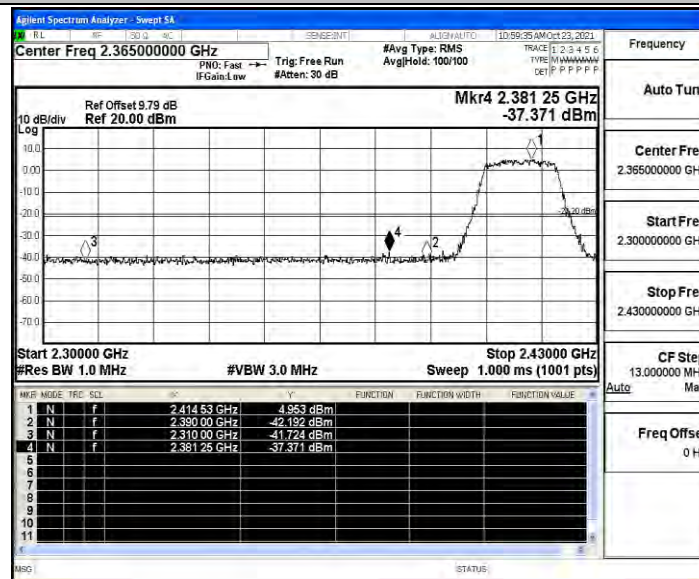


11N20SISO_Ant1_Low_2412_AV

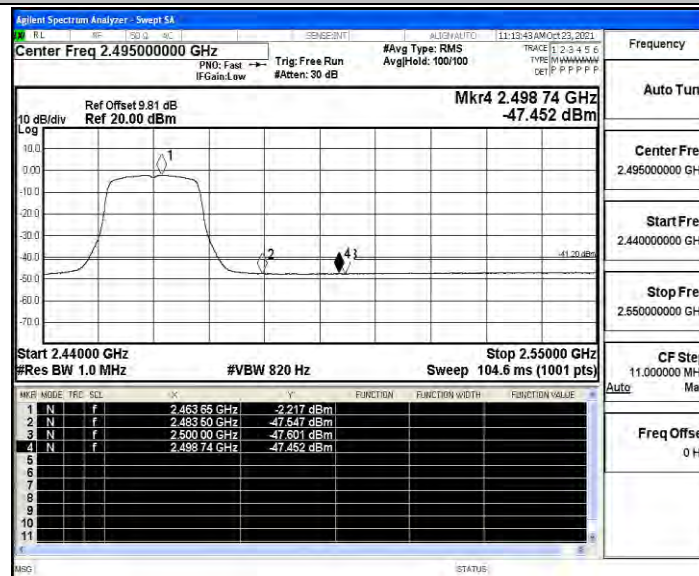




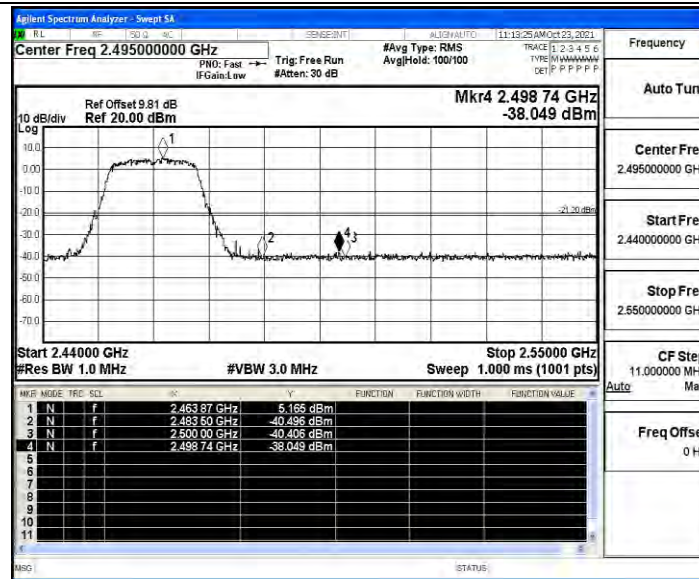
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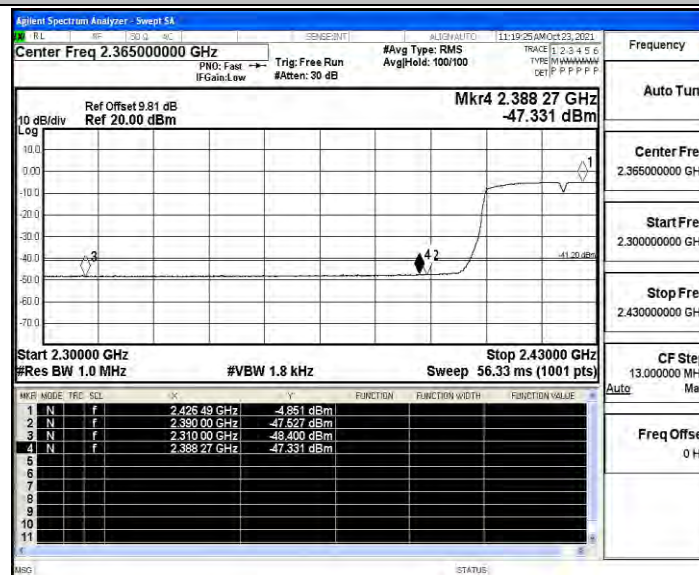
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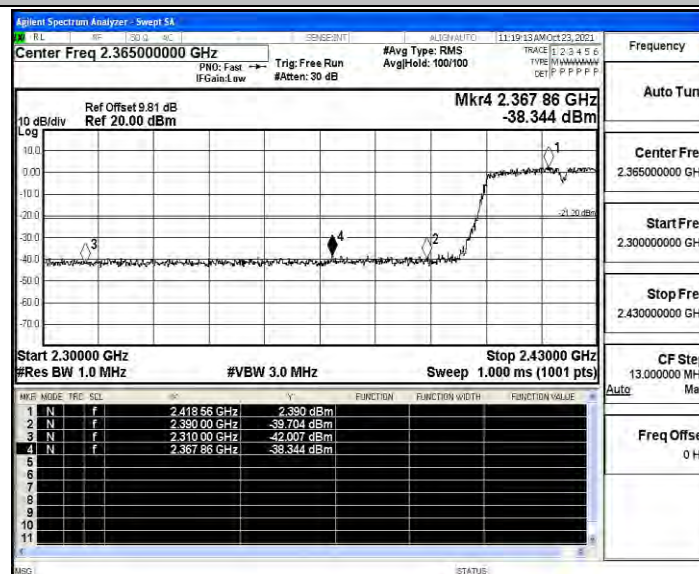
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11N40SISO_Ant1_Low_2422_AV

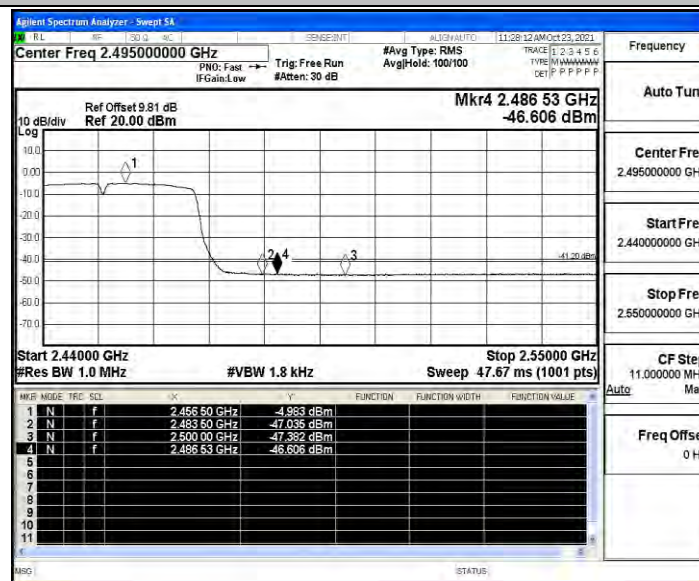


11N40SISO_Ant1_Low_2422_Peak





11N40SISO_Ant1_High_2452_AV



11N40SISO_Ant1_High_2452_Peak

