



11G_Ant1_2437



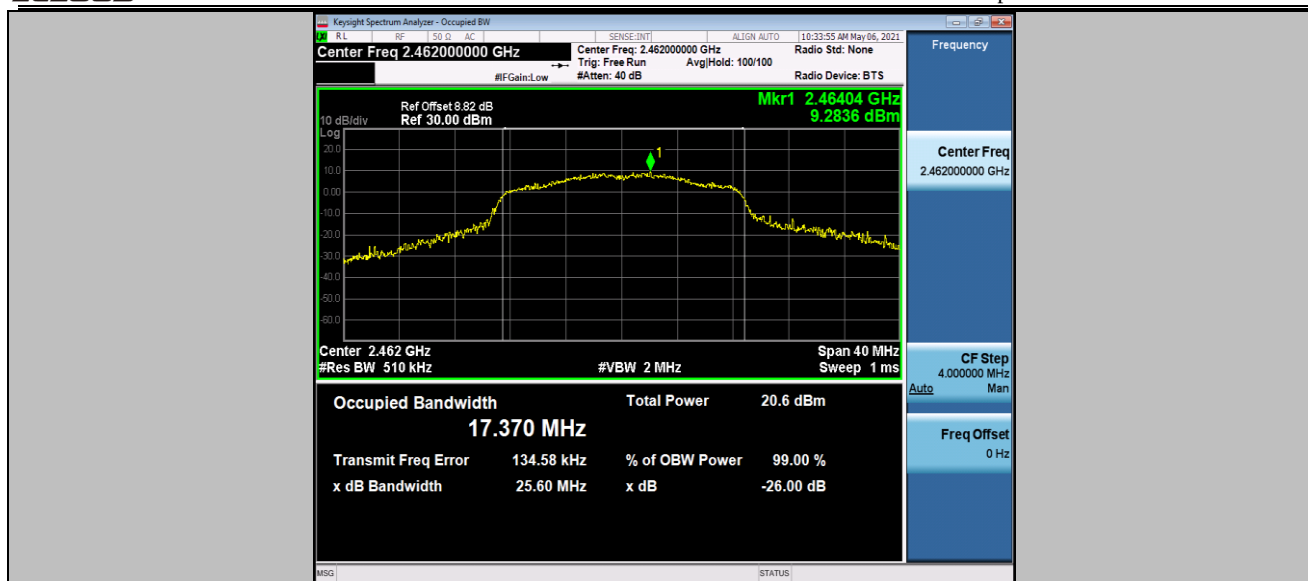
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



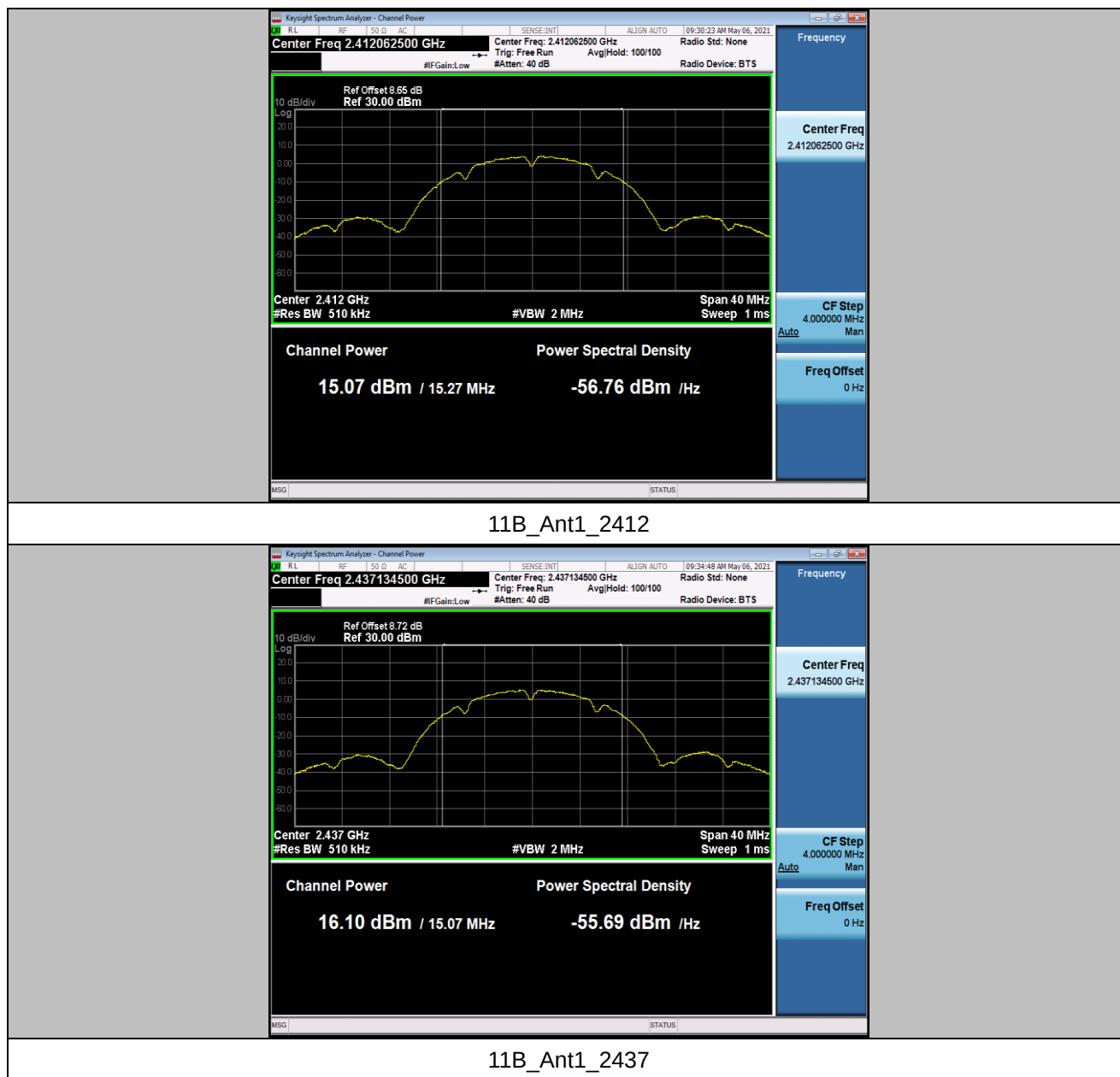
11N40SISO_Ant1_2452

Appendix C: Maximum conducted output power

Test Result

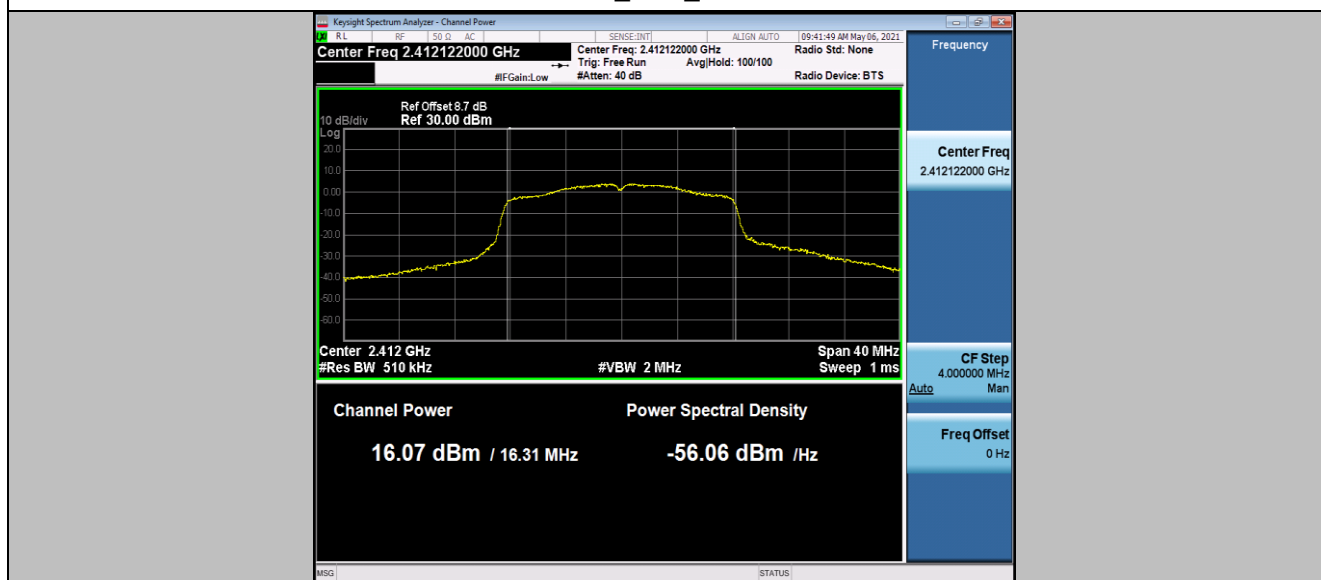
TestMode	Antenna	Channel	Result [dBm]	EIRP [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.07	17.37	<=30	PASS
		2437	16.10	18.4	<=30	PASS
		2462	15.82	18.12	<=30	PASS
11G	Ant1	2412	16.07	18.37	<=30	PASS
		2437	17.31	19.61	<=30	PASS
		2462	16.14	18.44	<=30	PASS
11N20SISO	Ant1	2412	14.70	17	<=30	PASS
		2437	15.81	18.11	<=30	PASS
		2462	14.46	16.76	<=30	PASS
11N40SISO	Ant1	2422	15.13	17.43	<=30	PASS
		2437	15.41	17.71	<=30	PASS
		2452	13.16	15.46	<=30	PASS

Test Graphs





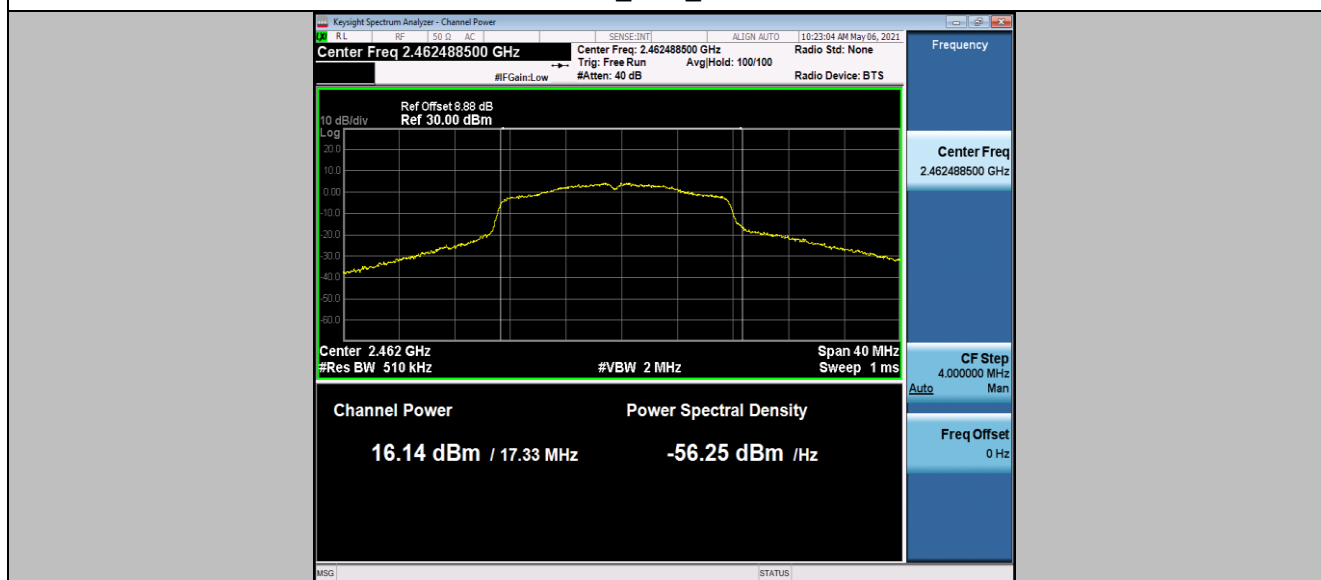
11B_Ant1_2462



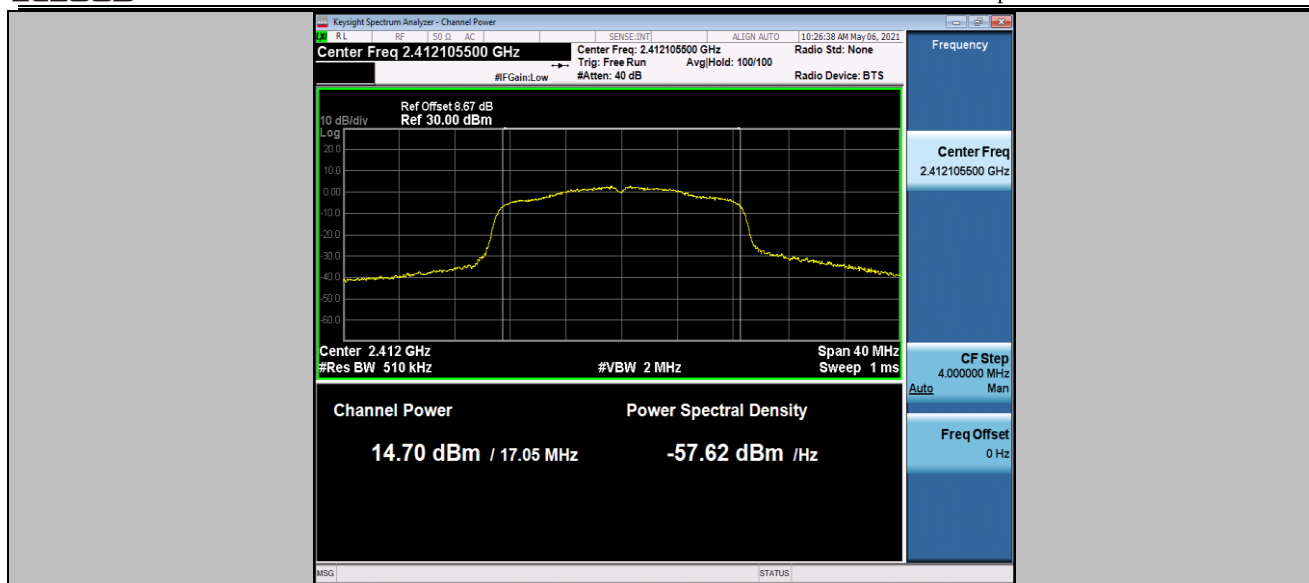
11G_Ant1_2412



11G_Ant1_2437



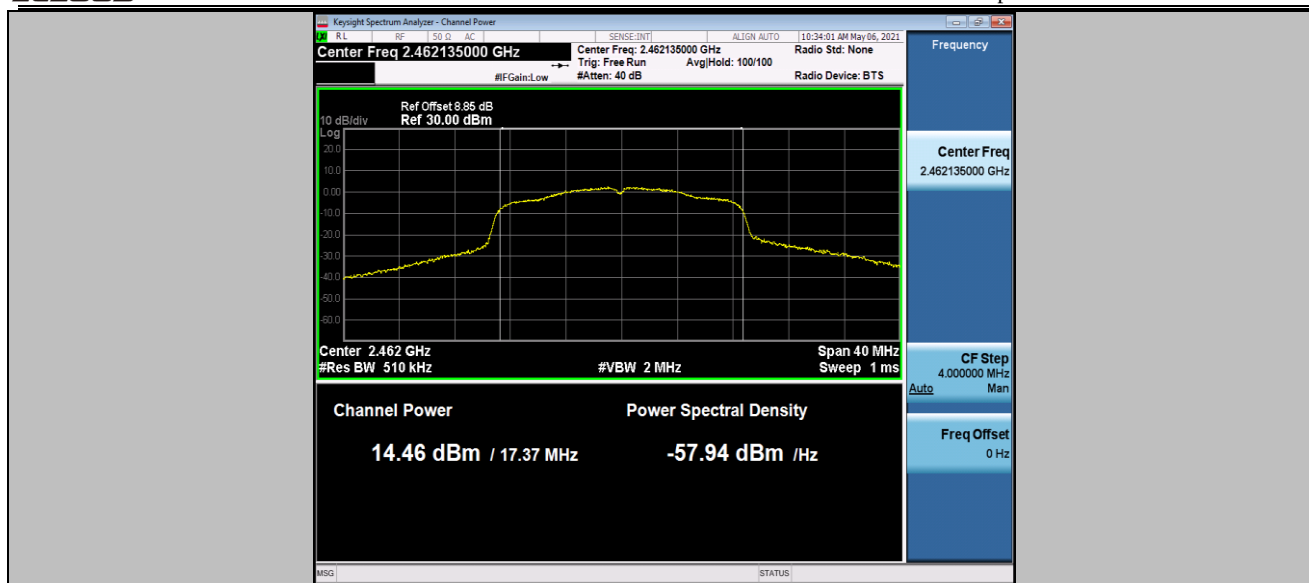
11G_Ant1_2462



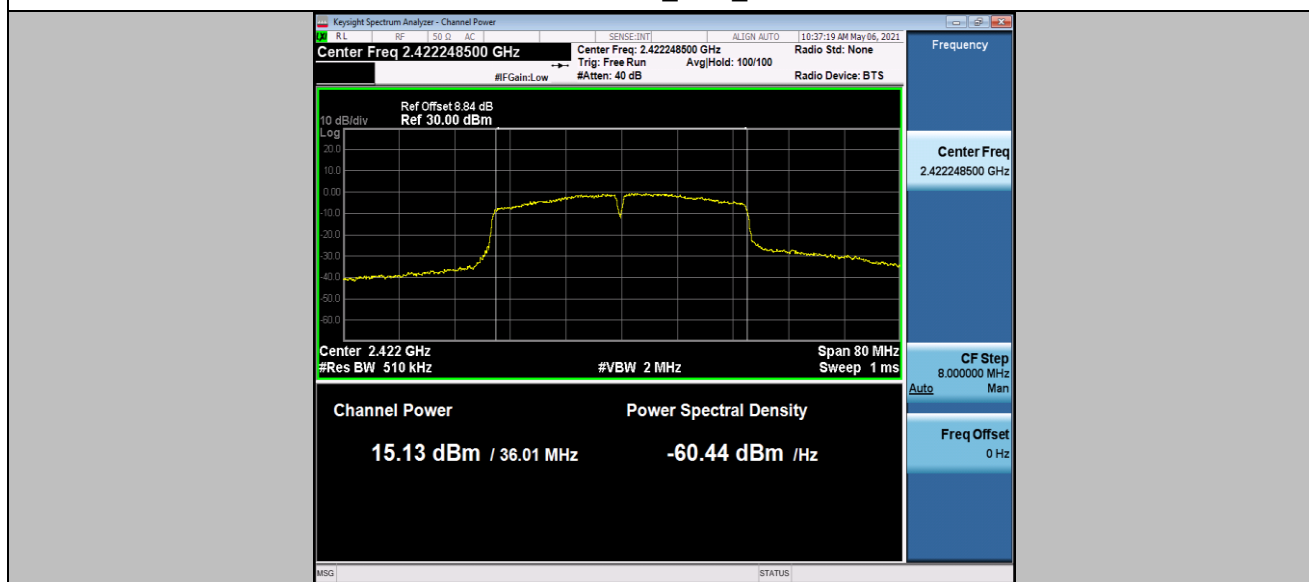
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



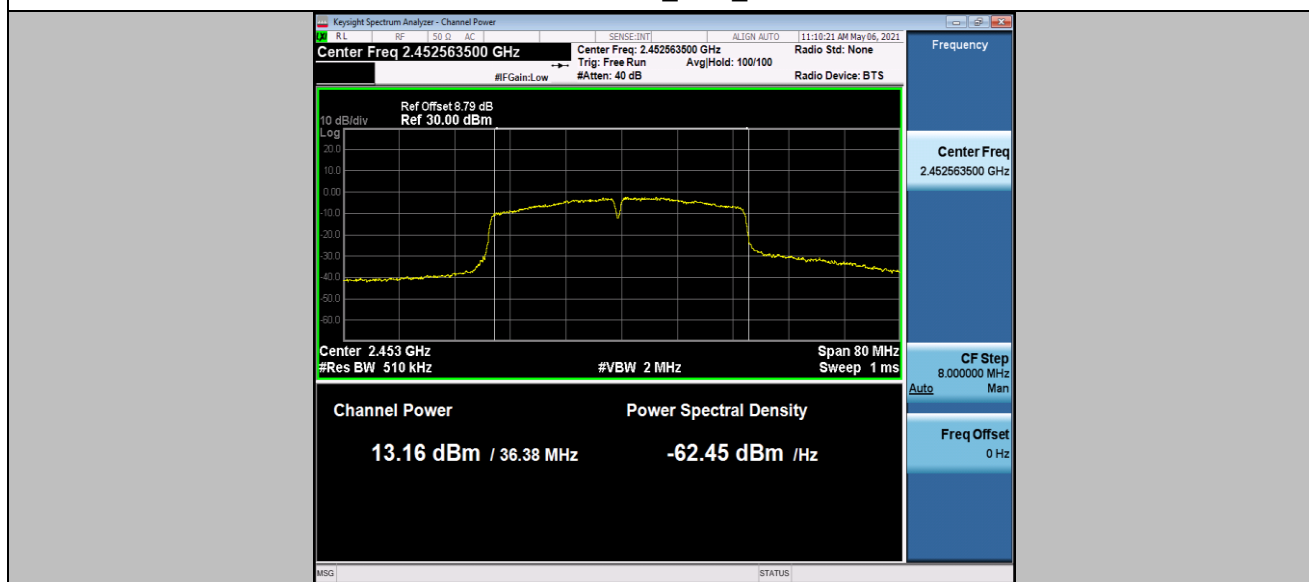
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



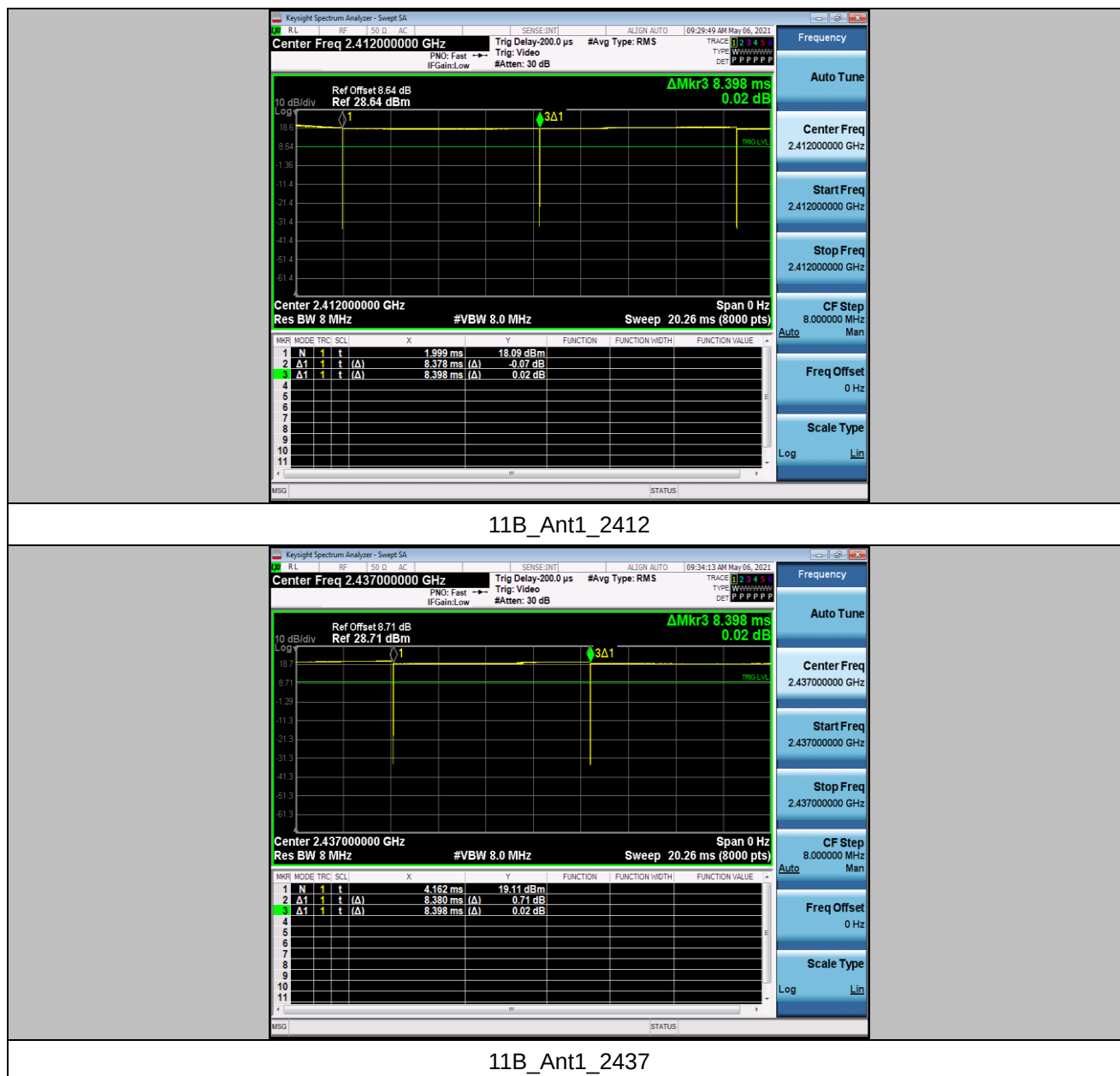
11N40SISO_Ant1_2452

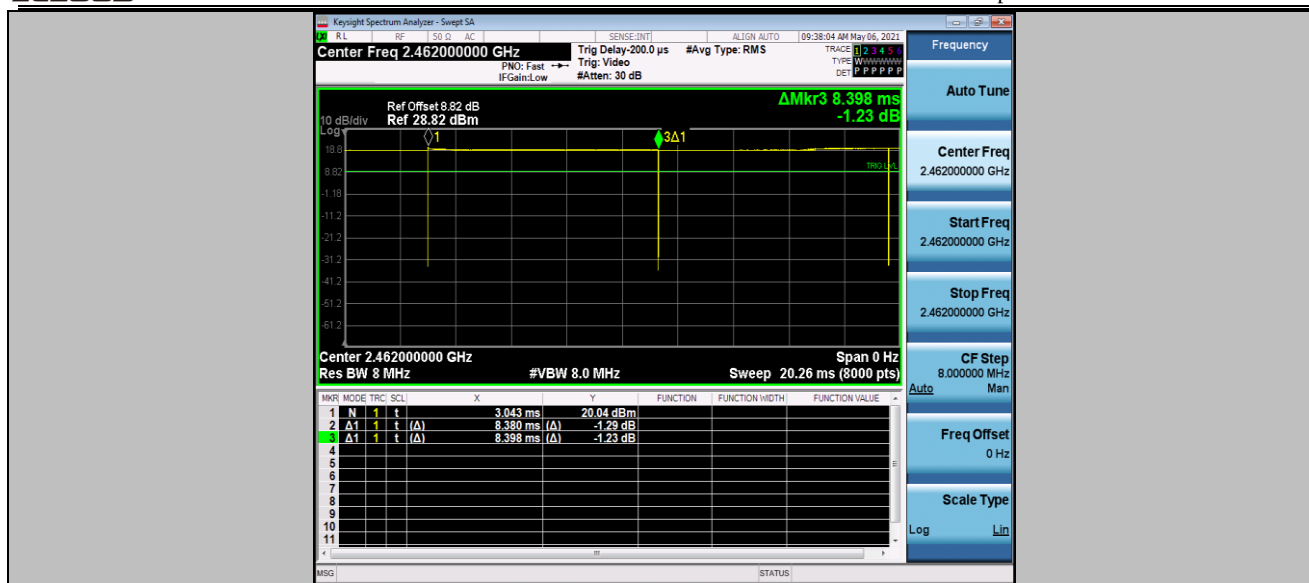
Appendix D: Duty Cycle

Test Result

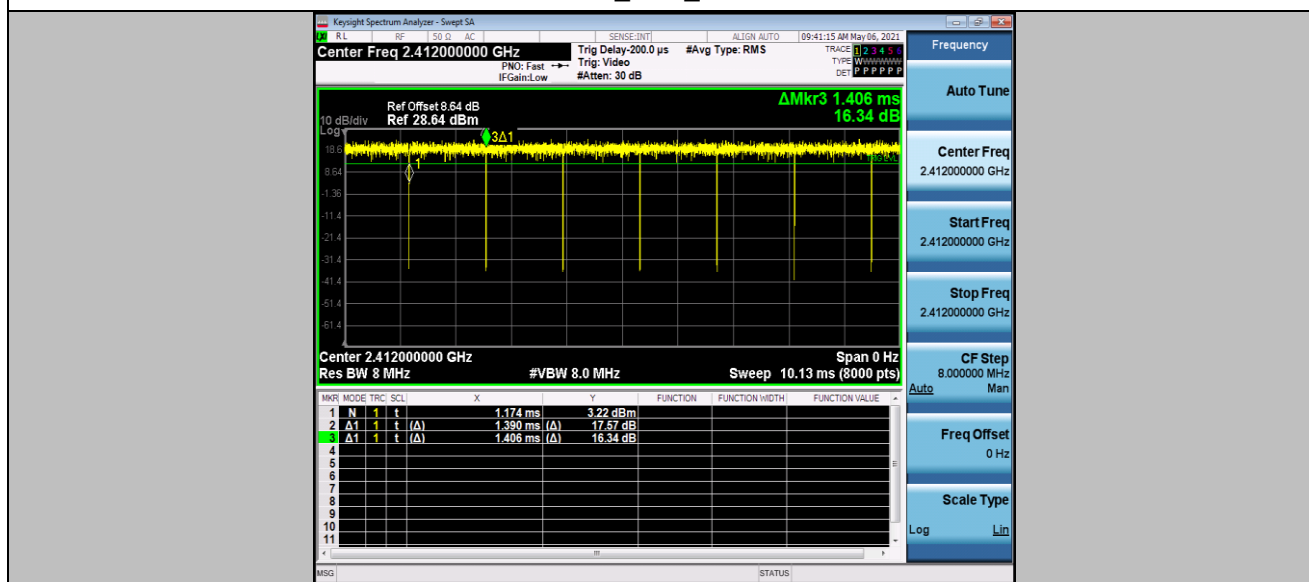
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.38	8.40	99.76	---	PASS
		2437	8.38	8.40	99.76	---	PASS
		2462	8.38	8.40	99.76	---	PASS
11G	Ant1	2412	1.39	1.41	98.58	---	PASS
		2437	1.39	1.40	99.29	---	PASS
		2462	1.39	1.41	98.58	---	PASS
11N20SISO	Ant1	2412	1.30	1.31	99.24	---	PASS
		2437	1.30	1.31	99.24	---	PASS
		2462	1.30	1.31	99.24	---	PASS
11N40SISO	Ant1	2422	0.64	0.66	96.97	---	PASS
		2437	0.65	0.66	98.48	---	PASS
		2452	0.65	0.66	98.48	---	PASS

Test Graphs

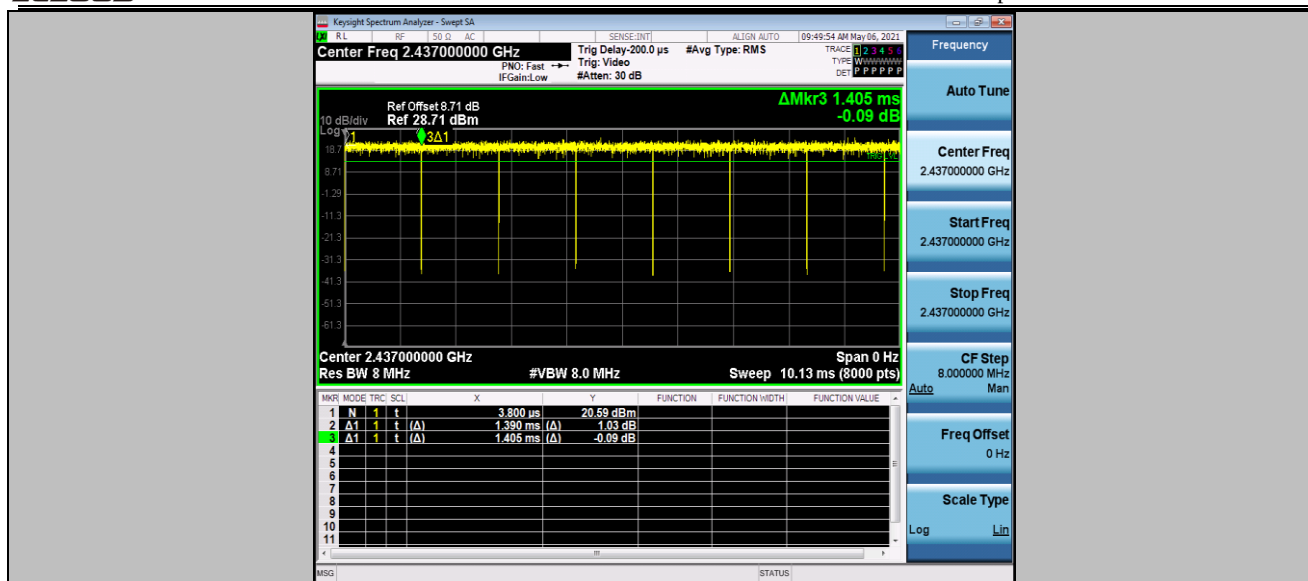




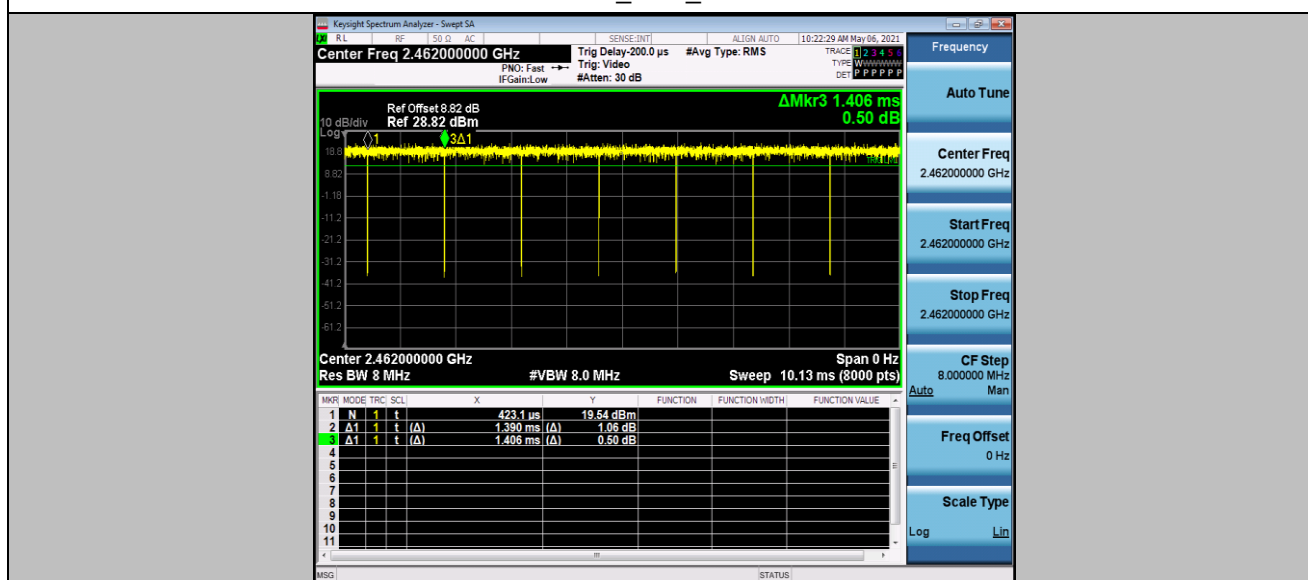
11B_Ant1_2462



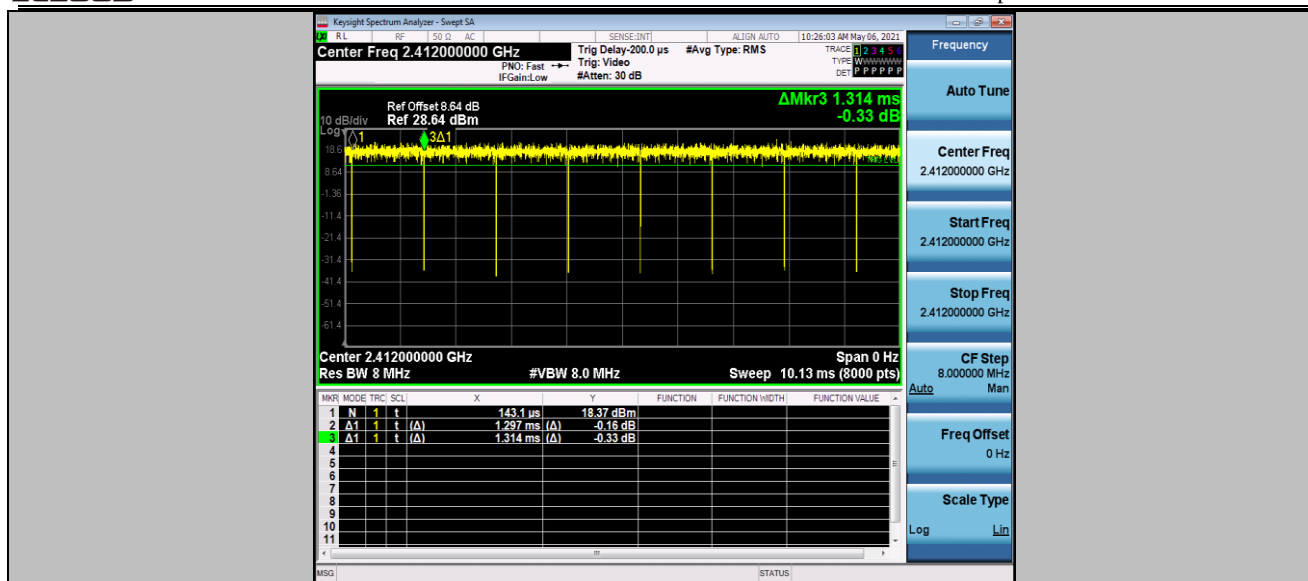
11G_Ant1_2412



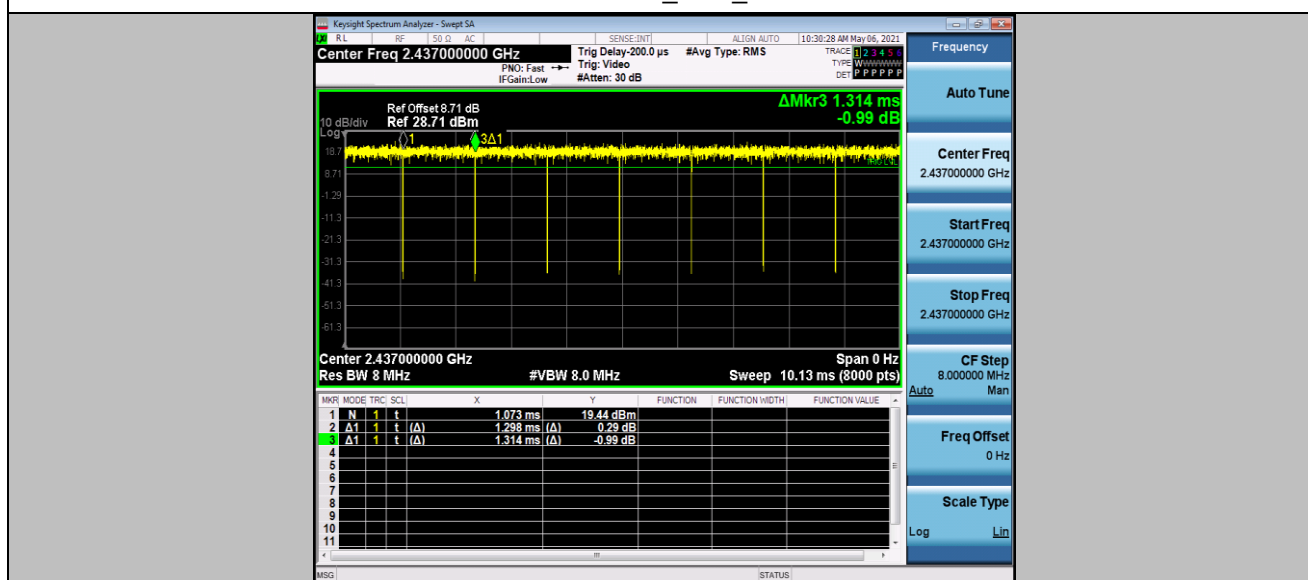
11G_Ant1_2437



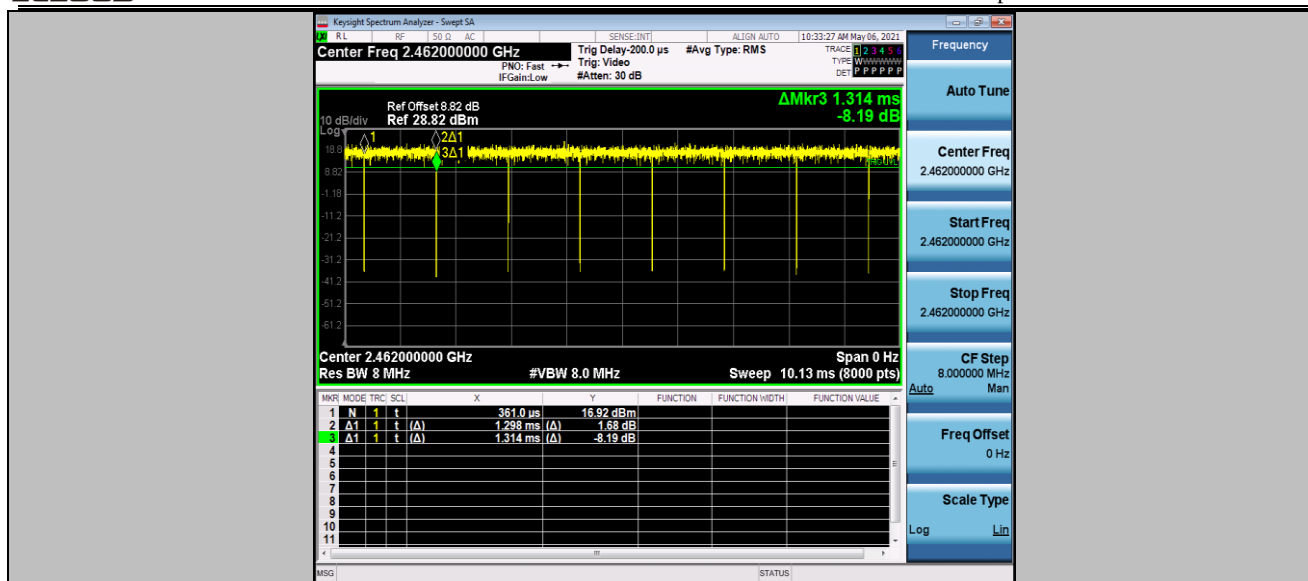
11G_Ant1_2462



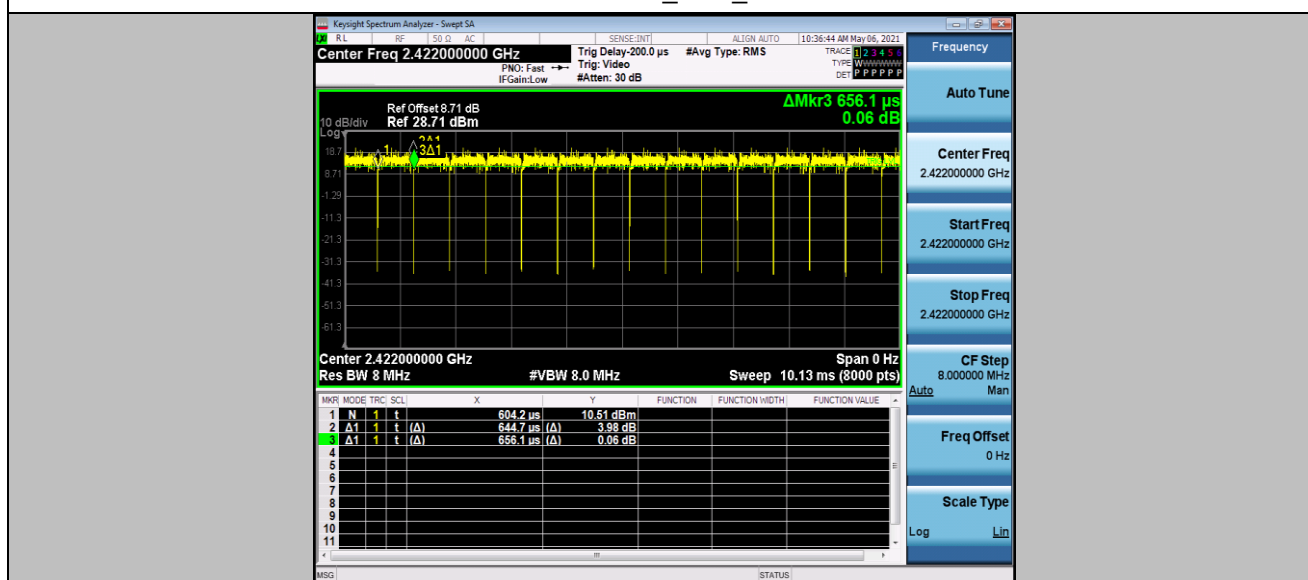
11N20SISO_Ant1_2412



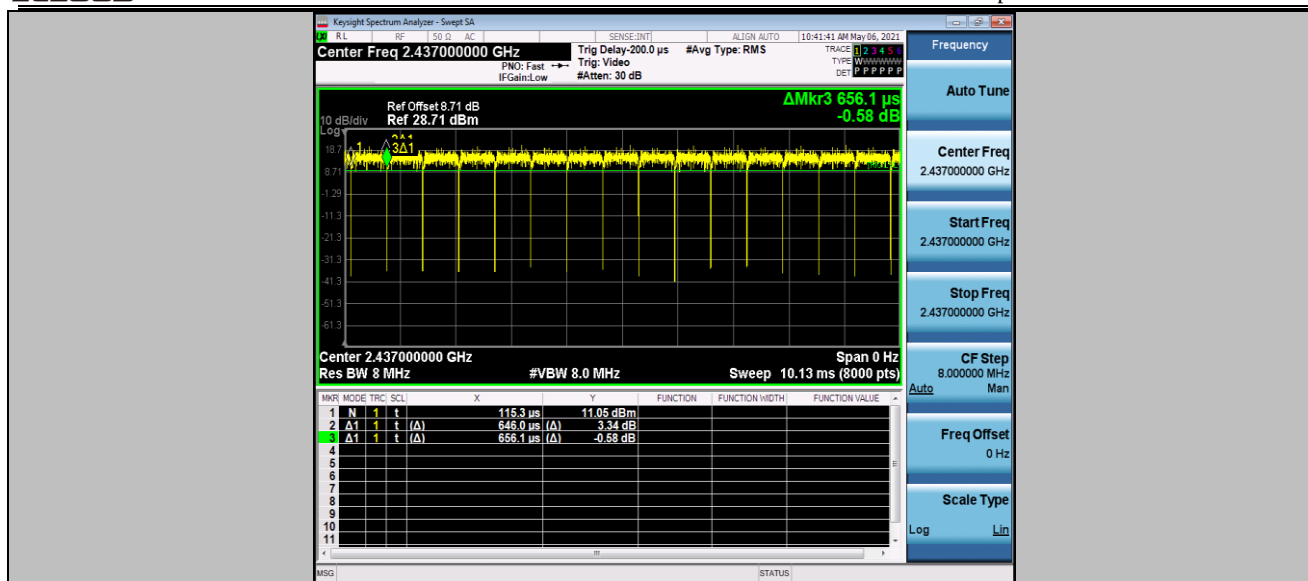
11N20SISO_Ant1_2437



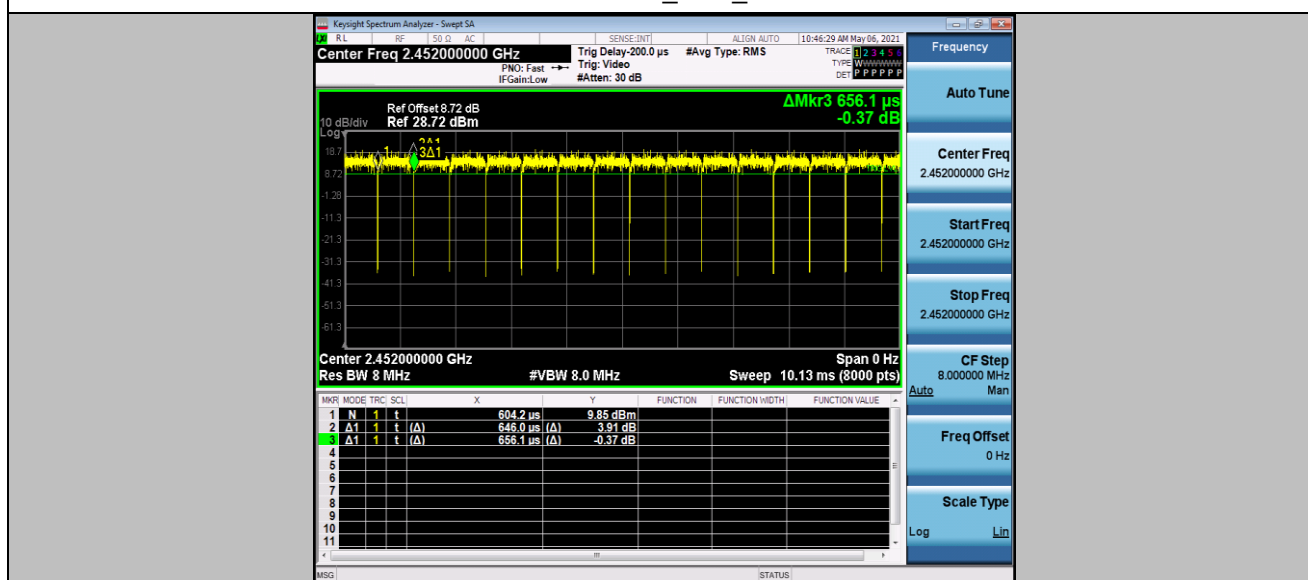
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



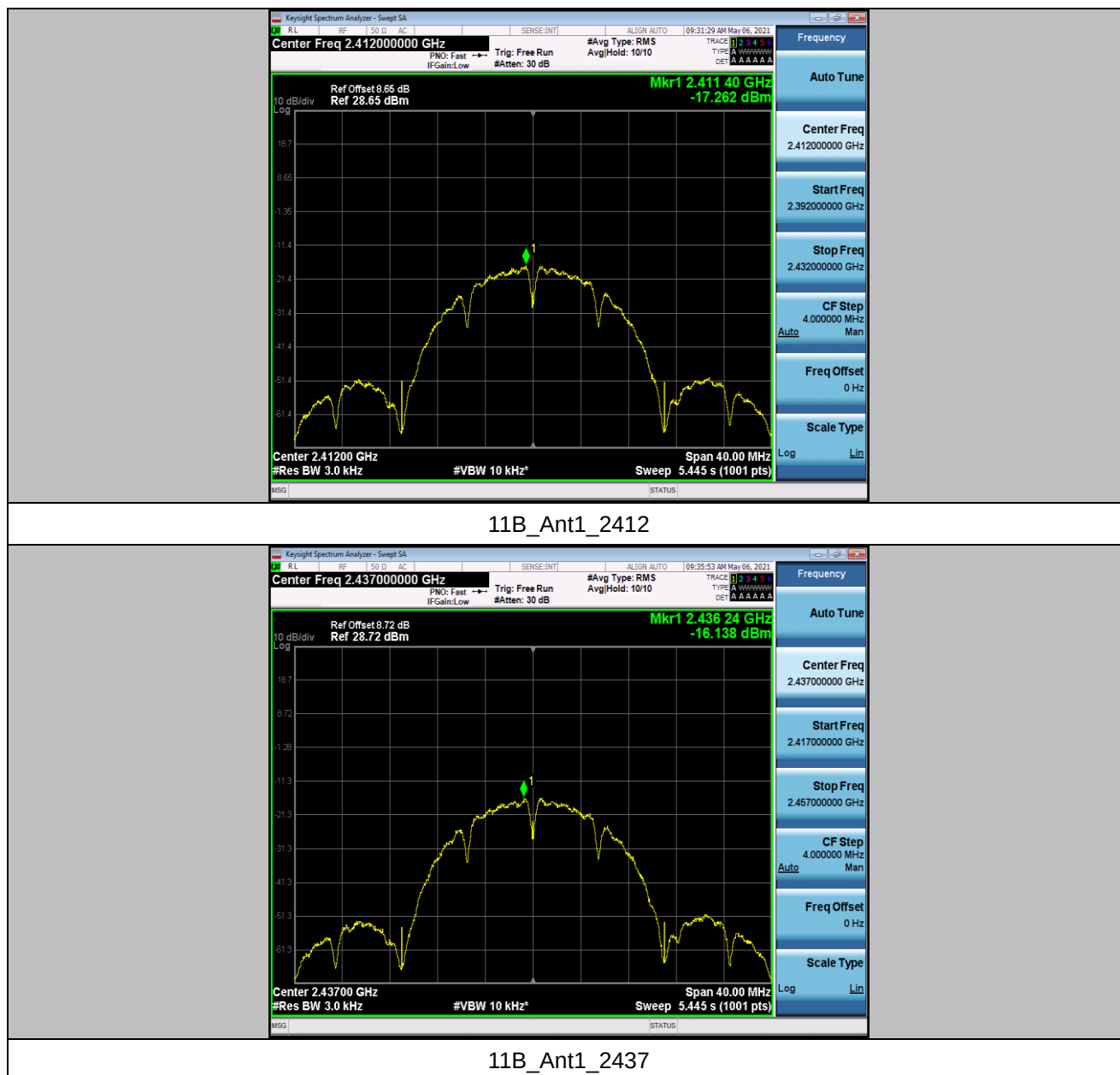
11N40SISO_Ant1_2452

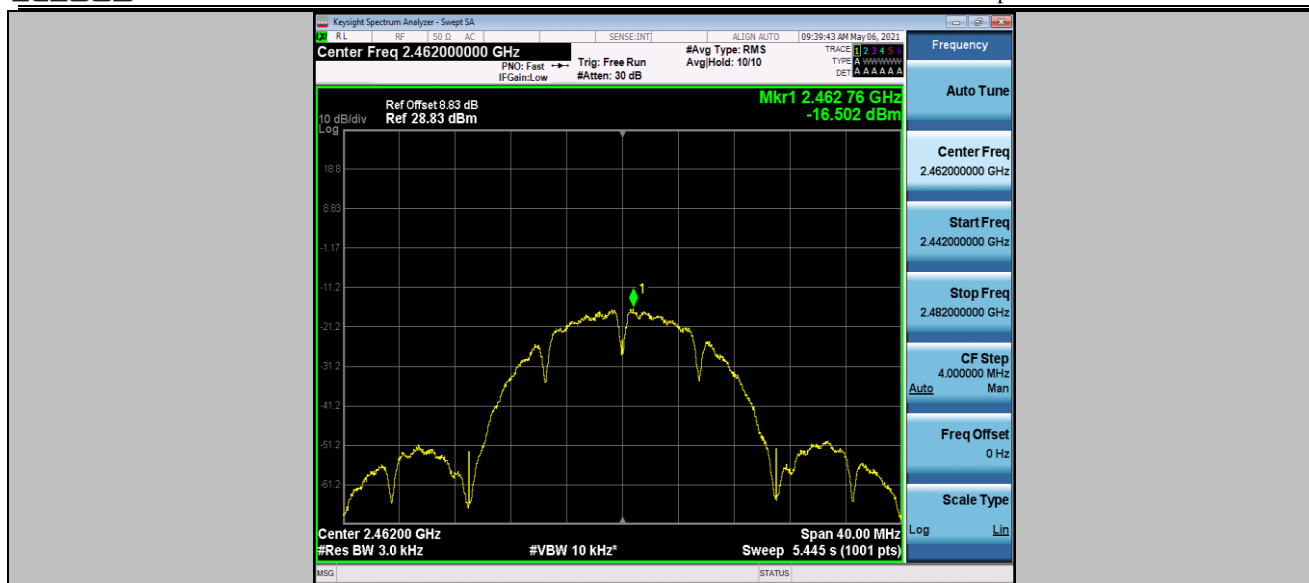
Appendix E: Maximum power spectral density

Test Result

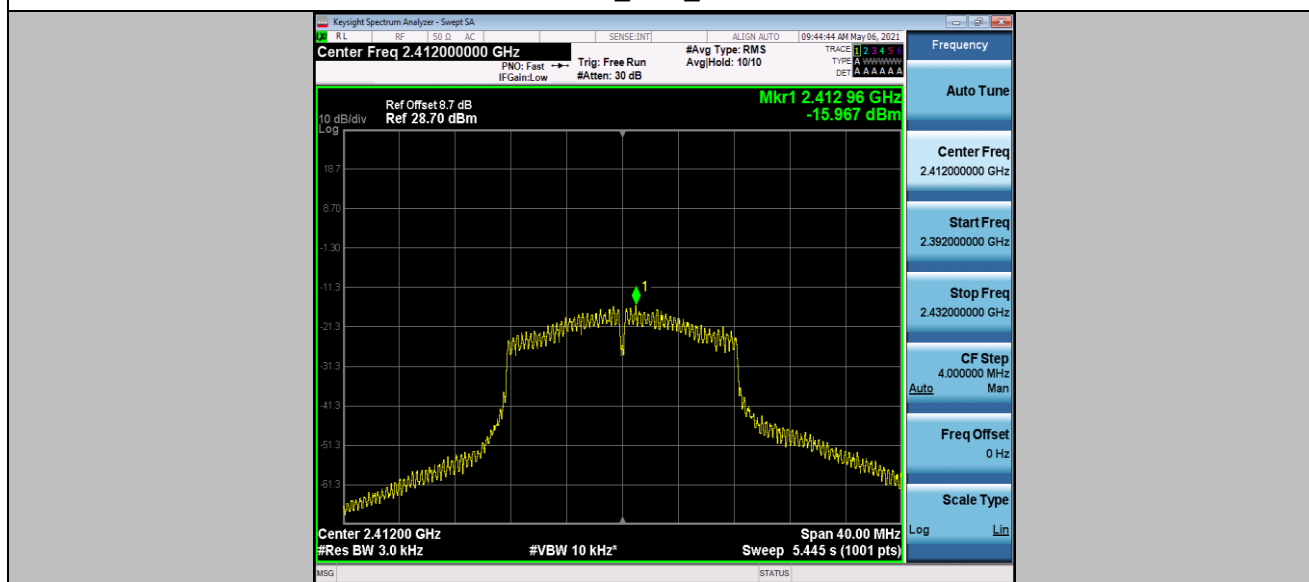
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-17.26	<=8	PASS
		2437	-16.14	<=8	PASS
		2462	-16.5	<=8	PASS
11G	Ant1	2412	-15.97	<=8	PASS
		2437	-14.93	<=8	PASS
		2462	-16.1	<=8	PASS
11N20SISO	Ant1	2412	-17.89	<=8	PASS
		2437	-17.03	<=8	PASS
		2462	-18.33	<=8	PASS
11N40SISO	Ant1	2422	-20.21	<=8	PASS
		2437	-20.04	<=8	PASS
		2452	-22.32	<=8	PASS

Test Graphs

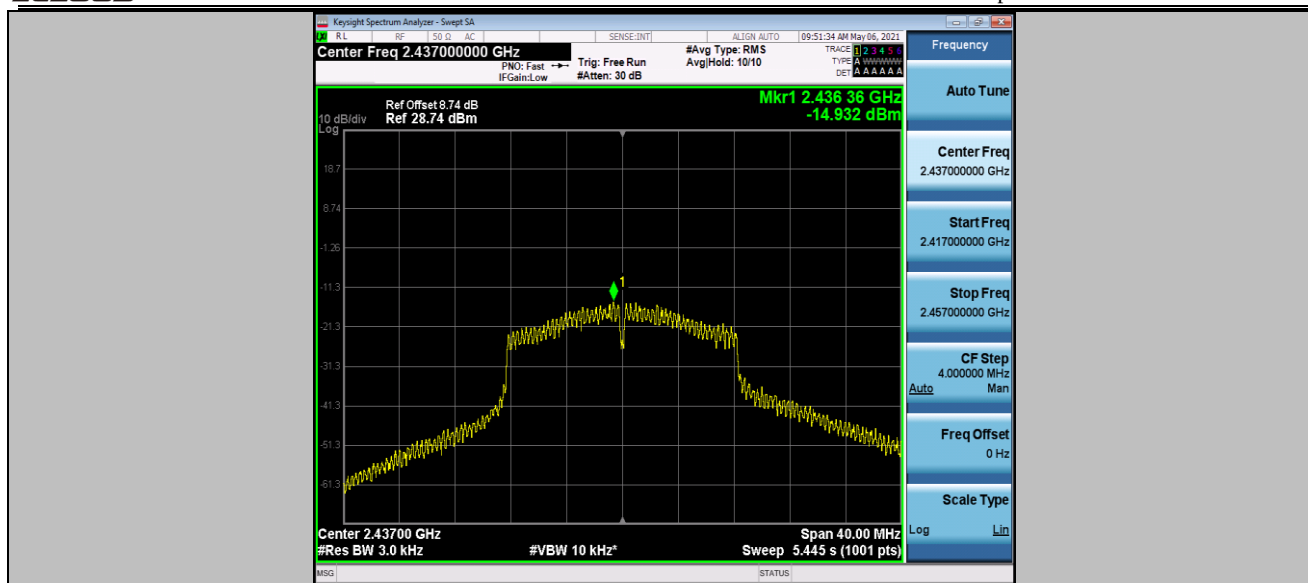




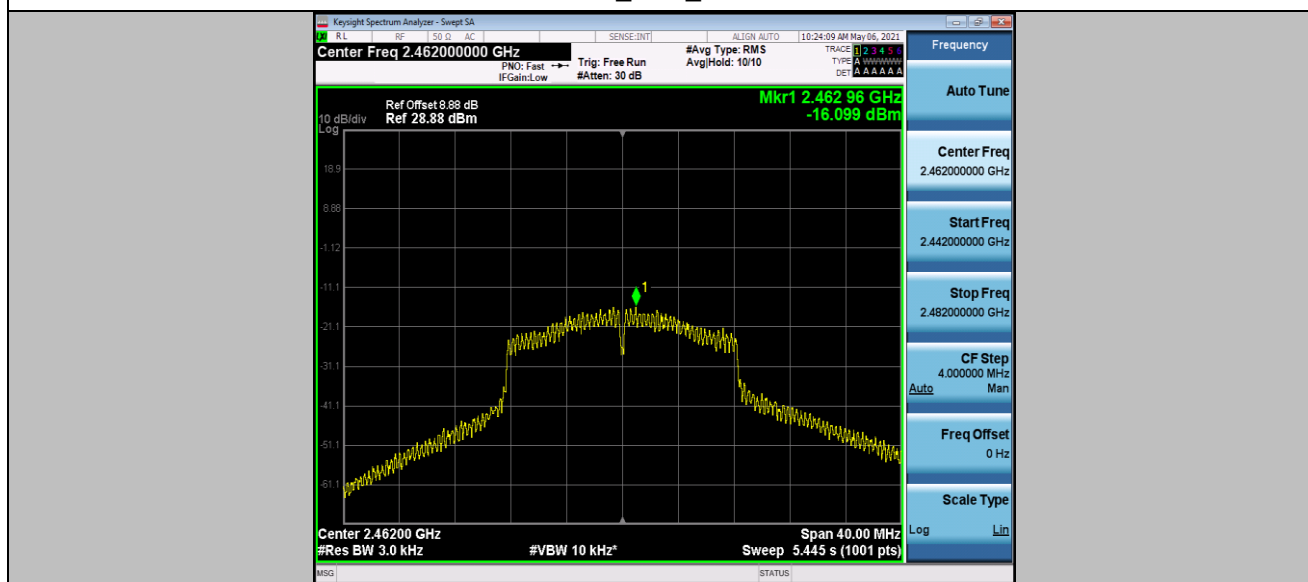
11B_Ant1_2462



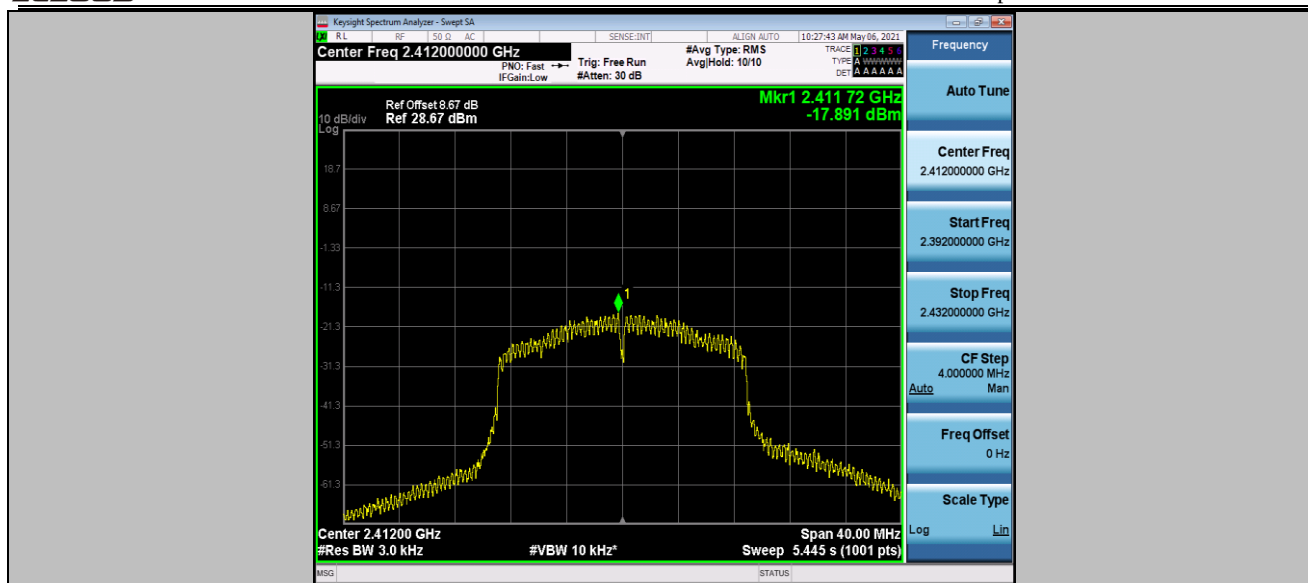
11G_Ant1_2412



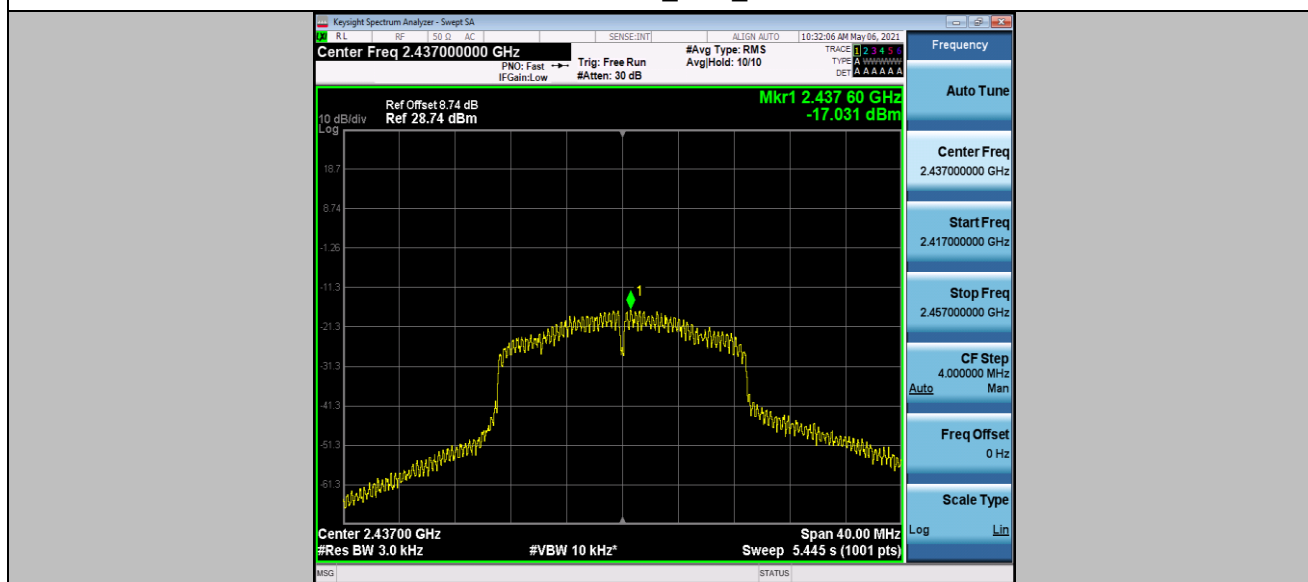
11G_Ant1_2437



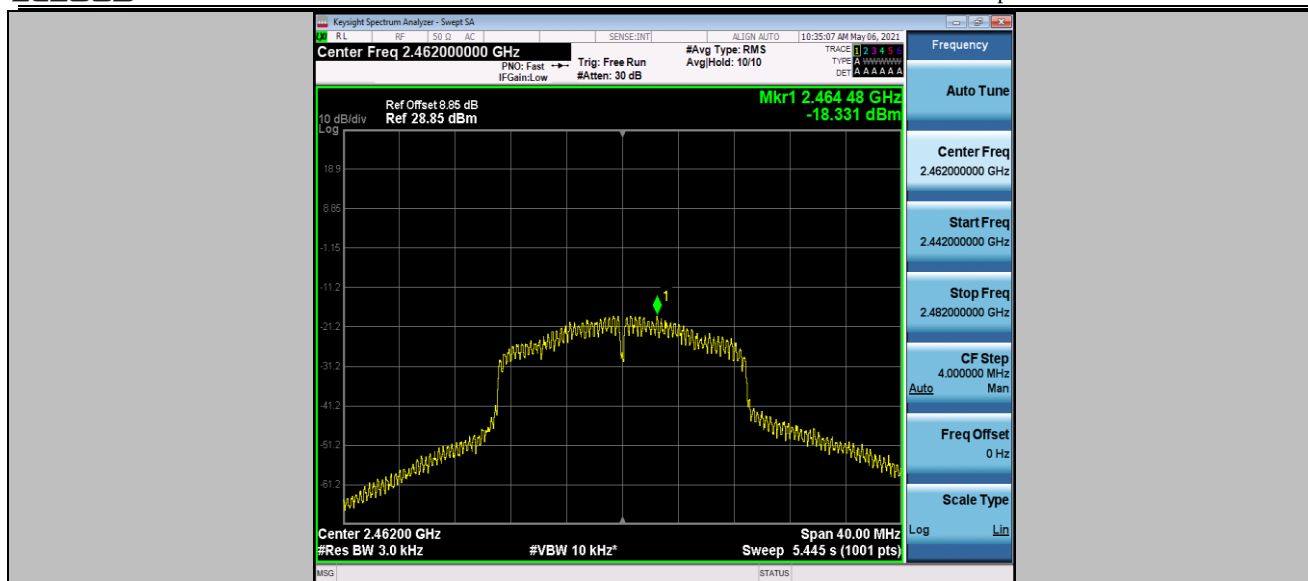
11G_Ant1_2462



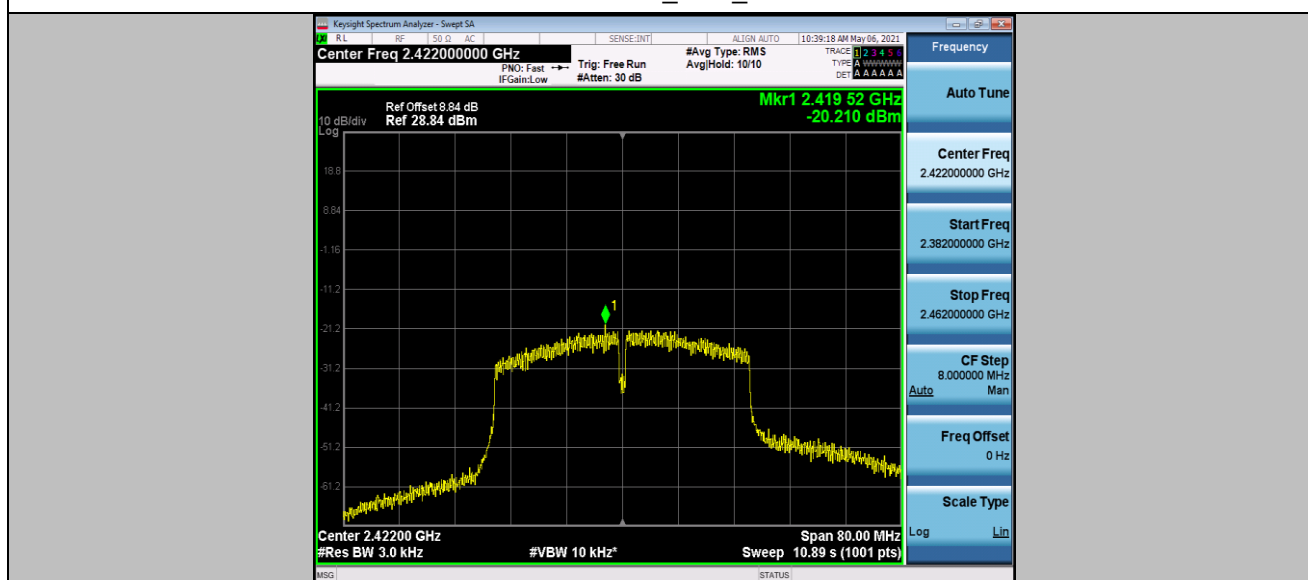
11N20SISO_Ant1_2412



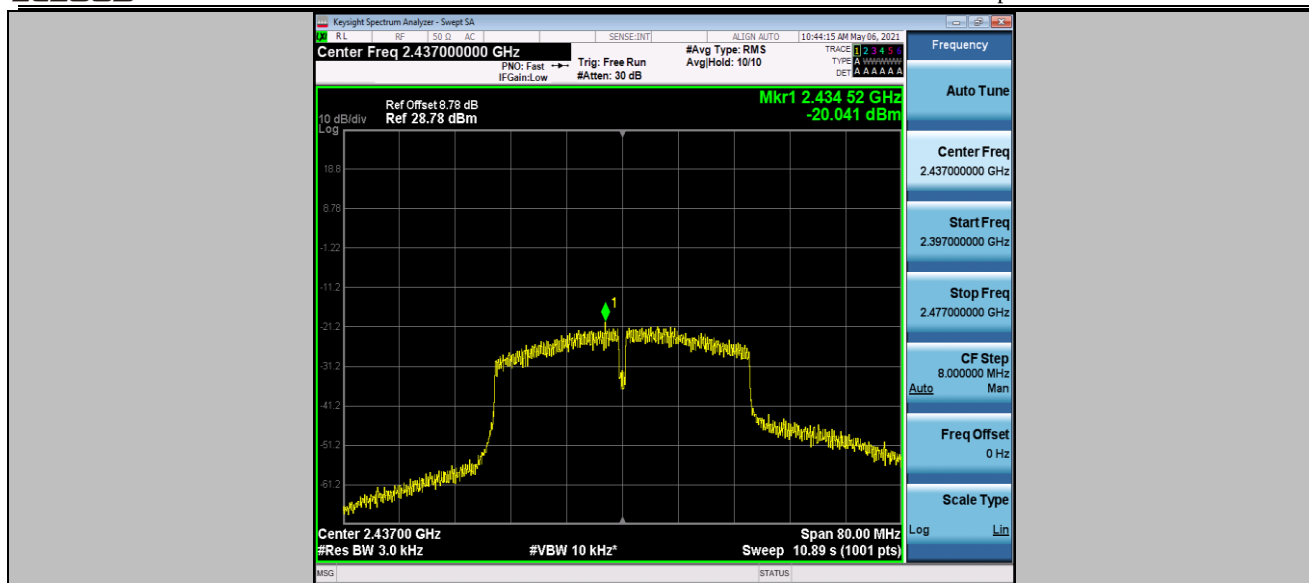
11N20SISO_Ant1_2437



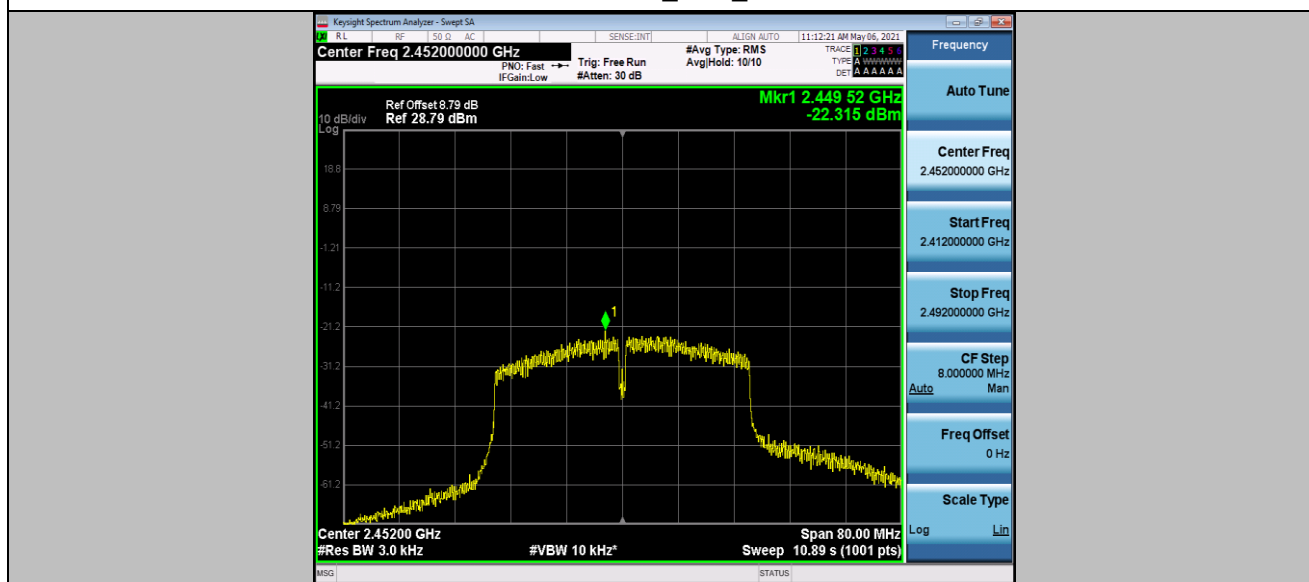
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



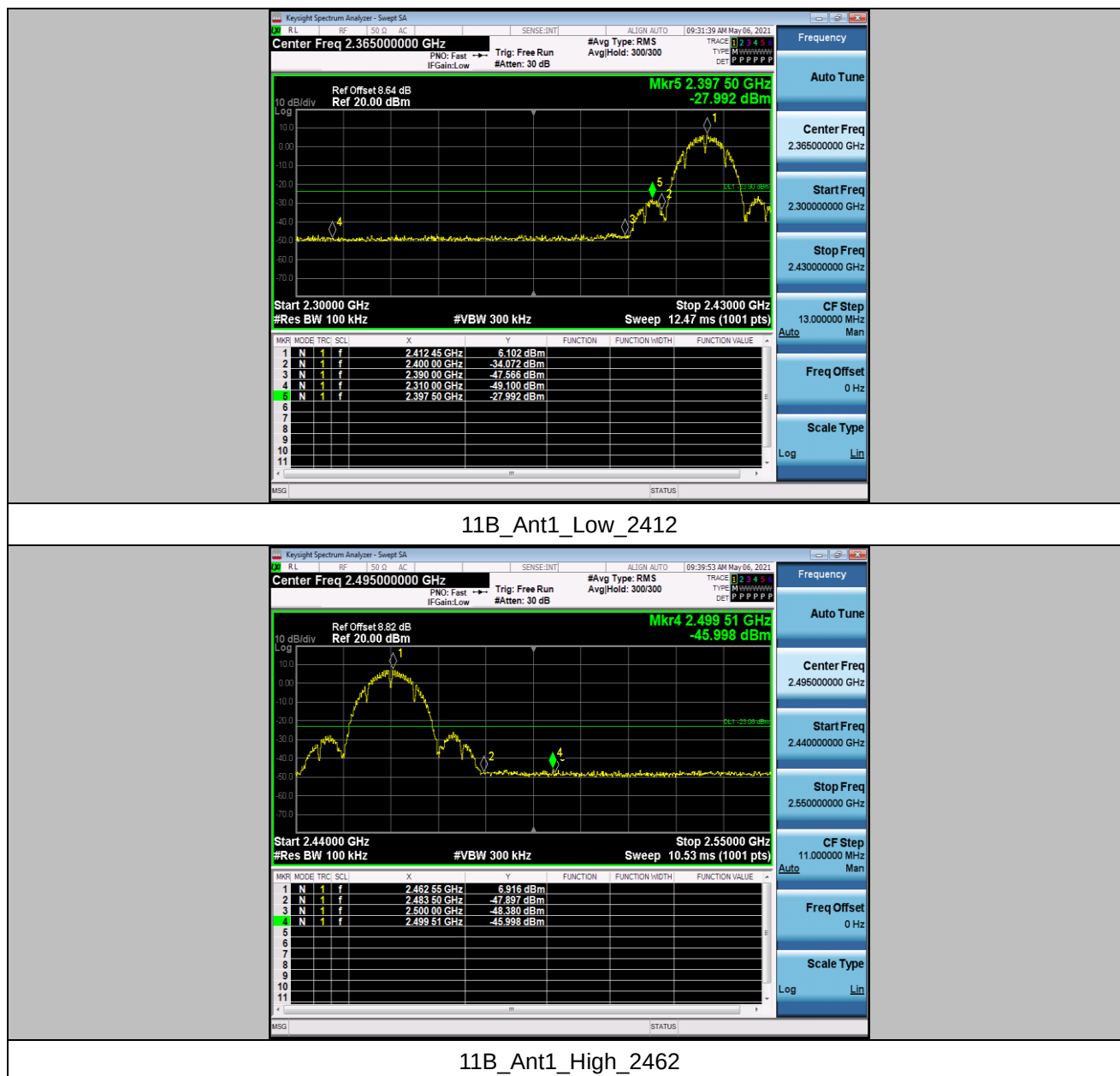
11N40SISO_Ant1_2452

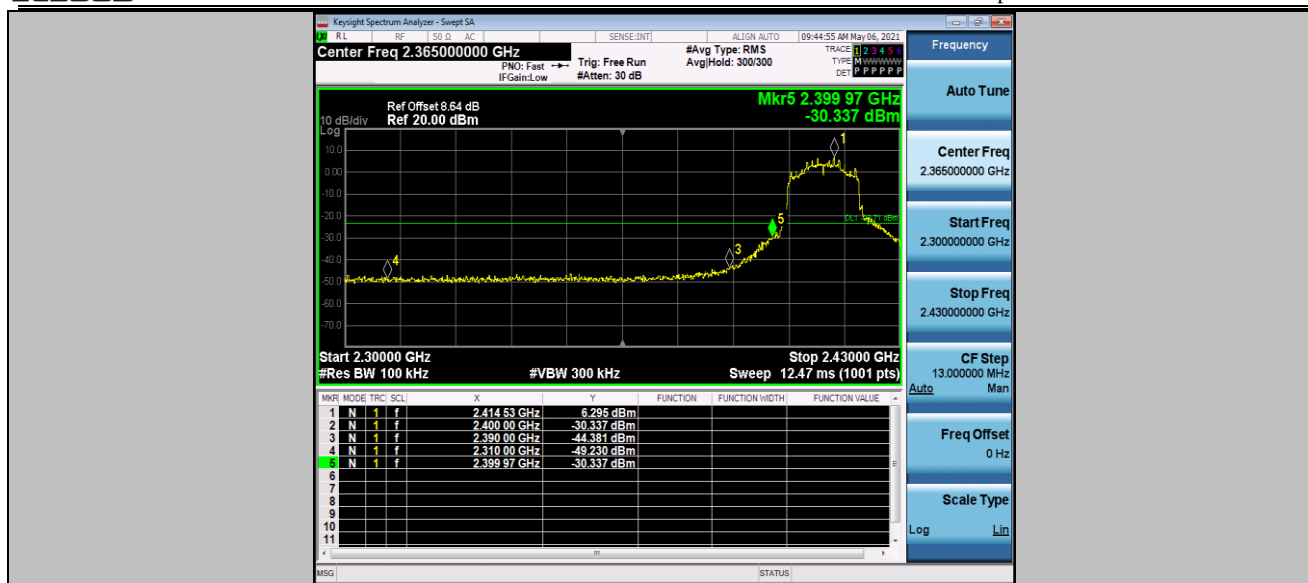
Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.10	-27.99	<=-23.9	PASS
		High	2462	6.92	-46	<=-23.08	PASS
11G	Ant1	Low	2412	6.30	-30.34	<=-23.71	PASS
		High	2462	7.15	-30.9	<=-22.86	PASS
11N20SISO	Ant1	Low	2412	5.71	-34.35	<=-24.29	PASS
		High	2462	5.60	-34	<=-24.4	PASS
11N40SISO	Ant1	Low	2422	1.94	-29.98	<=-28.06	PASS
		High	2452	-6.18	-36.62	<=-36.18	PASS

Test Graphs

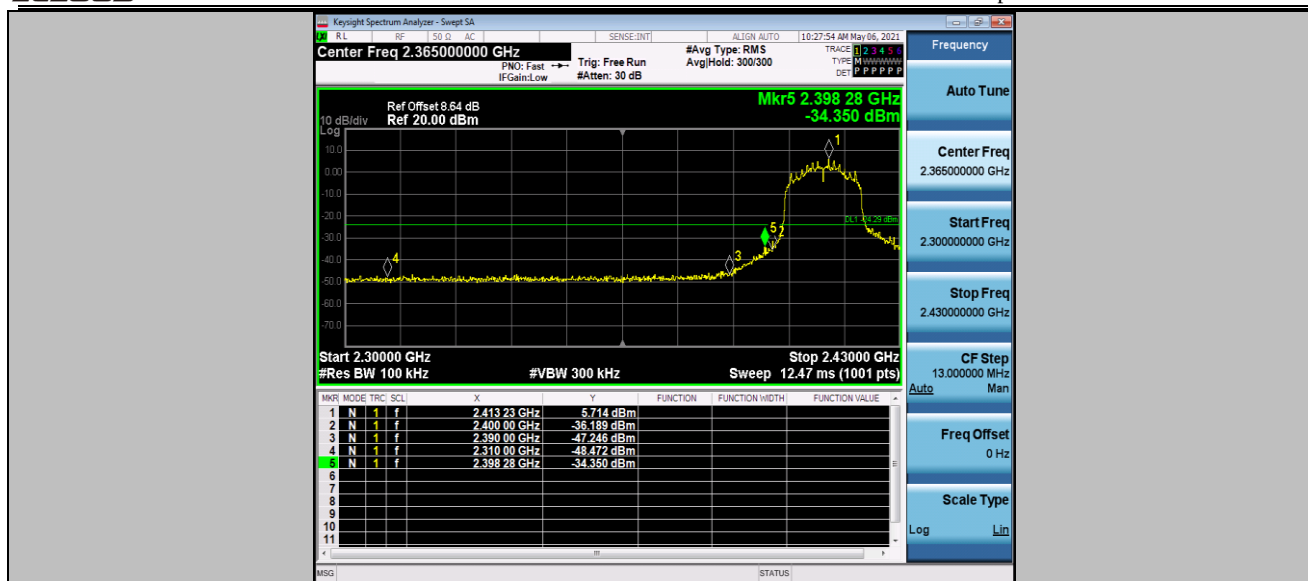




11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.69	5.69	---	PASS
			30~1000	5.69	-56.24	<=-14.31	PASS
			1000~26500	5.69	-38.23	<=-14.31	PASS
		2437	Reference	7.11	7.11	---	PASS
			30~1000	7.11	-56.67	<=-12.89	PASS
			1000~26500	7.11	-36.8	<=-12.89	PASS
		2462	Reference	6.63	6.63	---	PASS
			30~1000	6.63	-56.86	<=-13.37	PASS
			1000~26500	6.63	-37.88	<=-13.37	PASS
11G	Ant1	2412	Reference	6.21	6.21	---	PASS
			30~1000	6.21	-57.67	<=-13.79	PASS
			1000~26500	6.21	-38.11	<=-13.79	PASS
		2437	Reference	7.61	7.61	---	PASS
			30~1000	7.61	-56.88	<=-12.39	PASS
			1000~26500	7.61	-37.76	<=-12.39	PASS
		2462	Reference	6.98	6.98	---	PASS
			30~1000	6.98	-57.71	<=-13.02	PASS
			1000~26500	6.98	-36.59	<=-13.02	PASS
11N20SISO	Ant1	2412	Reference	5.81	5.81	---	PASS
			30~1000	5.81	-56.93	<=-14.19	PASS
			1000~26500	5.81	-37.55	<=-14.19	PASS
		2437	Reference	6.22	6.22	---	PASS
			30~1000	6.22	-55.47	<=-13.79	PASS
			1000~26500	6.22	-37.46	<=-13.79	PASS
		2462	Reference	5.14	5.14	---	PASS
			30~1000	5.14	-57.29	<=-14.86	PASS
			1000~26500	5.14	-37.62	<=-14.86	PASS
11N40SISO	Ant1	2422	Reference	2.20	2.20	---	PASS
			30~1000	2.20	-53.92	<=-17.8	PASS
			1000~26500	2.20	-37.55	<=-17.8	PASS

		2437	Reference	2.93	2.93	---	PASS
			30~1000	2.93	-57.49	≤ -17.07	PASS
			1000~26500	2.93	-36.77	≤ -17.07	PASS
		2452	Reference	2.03	2.03	---	PASS
			30~1000	2.03	-57.14	≤ -17.98	PASS
			1000~26500	2.03	-38.05	≤ -17.98	PASS