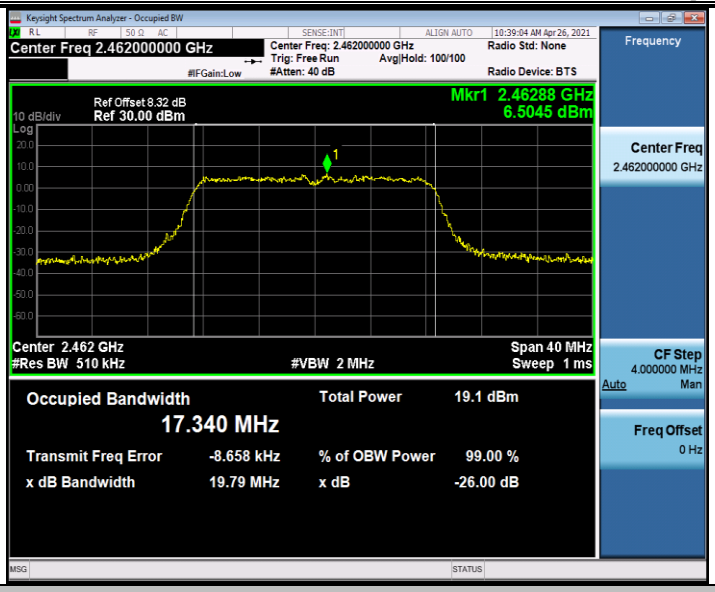
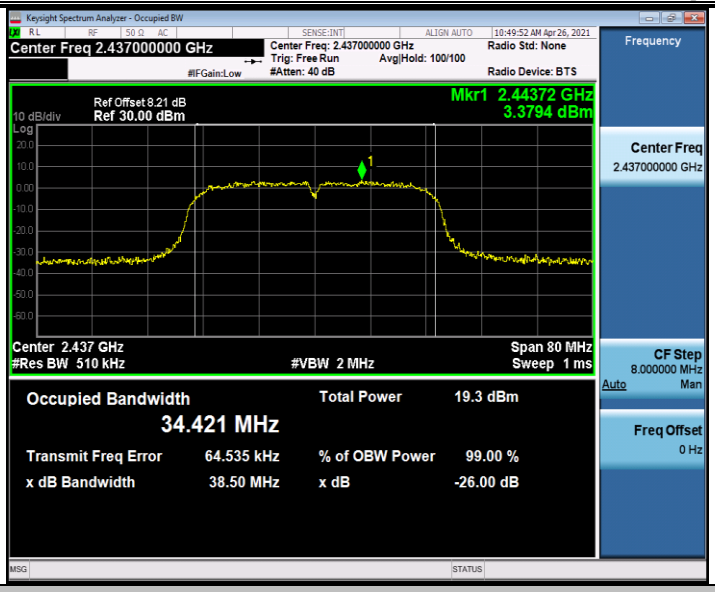
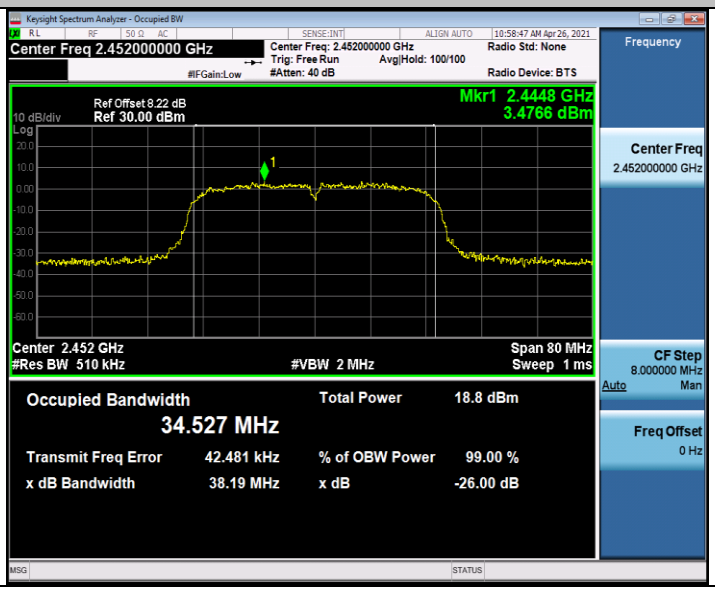


11N40SISO_Ant1_2422

11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



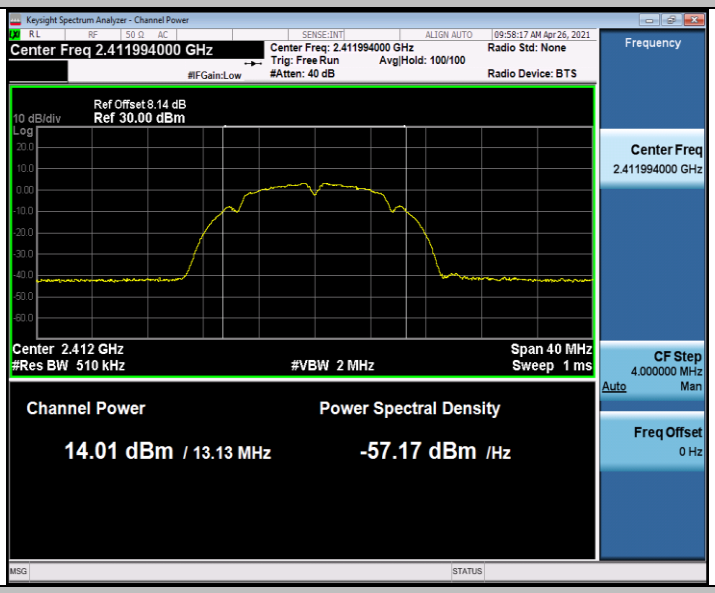
Appendix C: Maximum conducted output power

Test Result

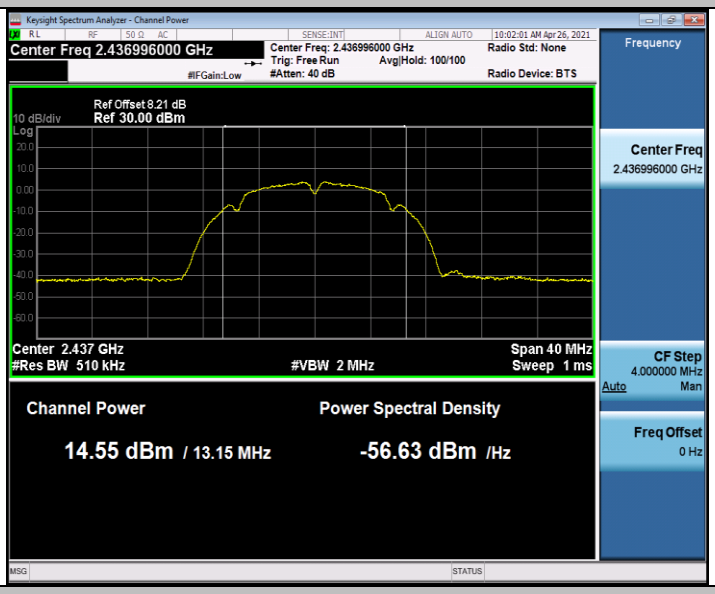
TestMode	Antenna	Channel	Result [dBm]	EIRP [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.01	17.01	<=30	PASS
		2437	14.55	17.55	<=30	PASS
		2462	13.91	16.91	<=30	PASS
11G	Ant1	2412	12.74	15.74	<=30	PASS
		2437	13.40	16.4	<=30	PASS
		2462	12.62	15.62	<=30	PASS
11N20SISO	Ant1	2412	12.50	15.5	<=30	PASS
		2437	13.21	16.21	<=30	PASS
		2462	12.45	15.45	<=30	PASS
11N40SISO	Ant1	2422	12.18	15.18	<=30	PASS
		2437	12.81	15.81	<=30	PASS
		2452	12.35	15.35	<=30	PASS

Test Graphs

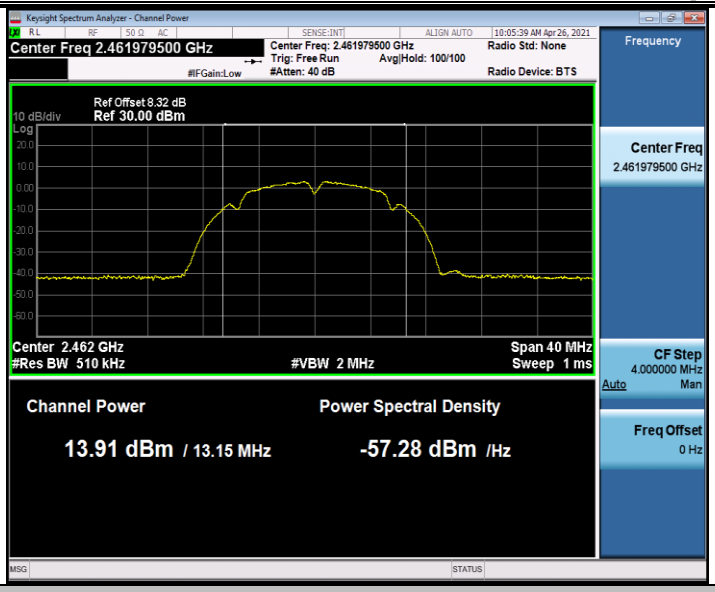
11B_Ant1_2412



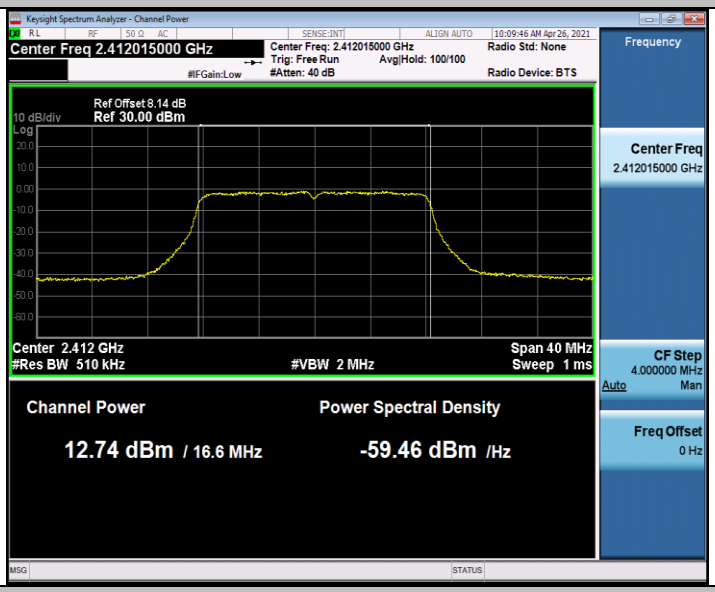
11B_Ant1_2437



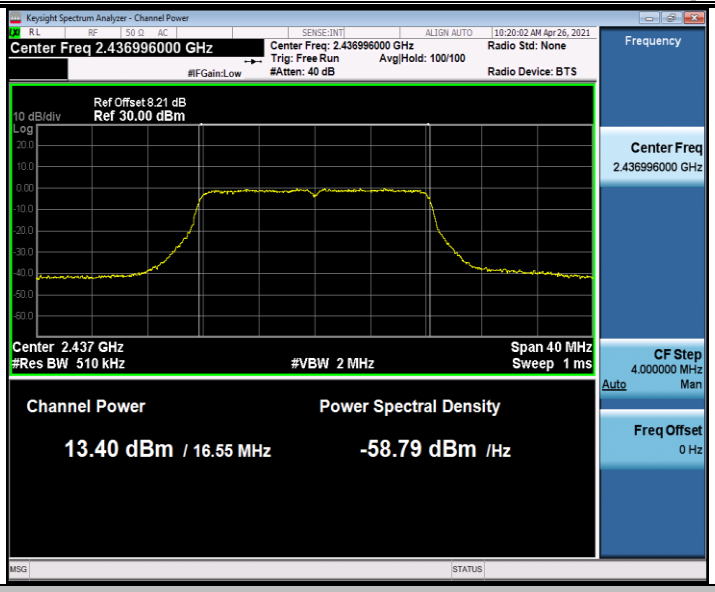
11B_Ant1_2462



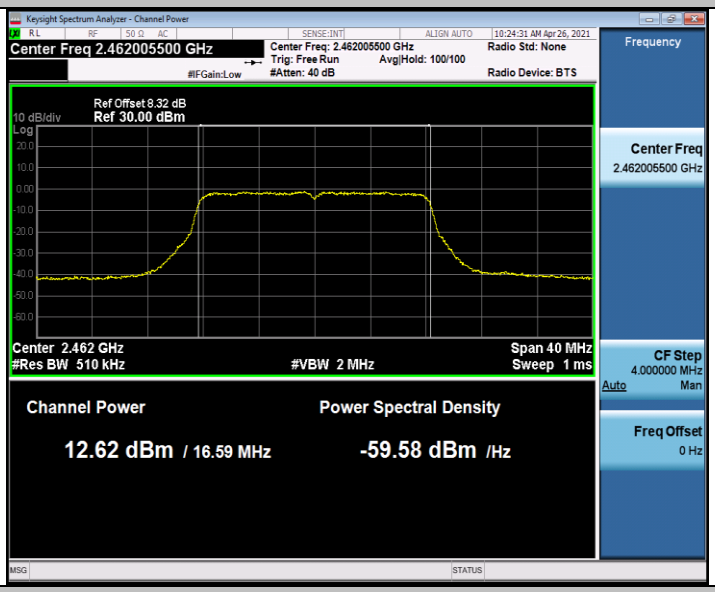
11G_Ant1_2412



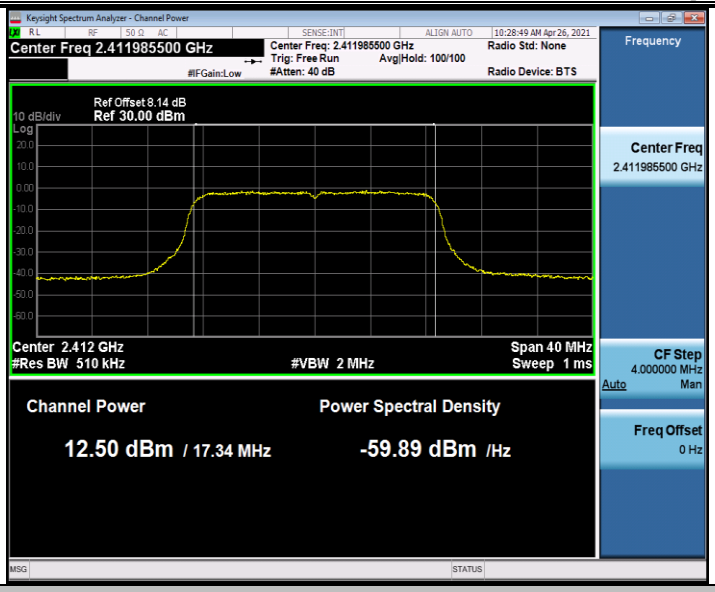
11G_Ant1_2437



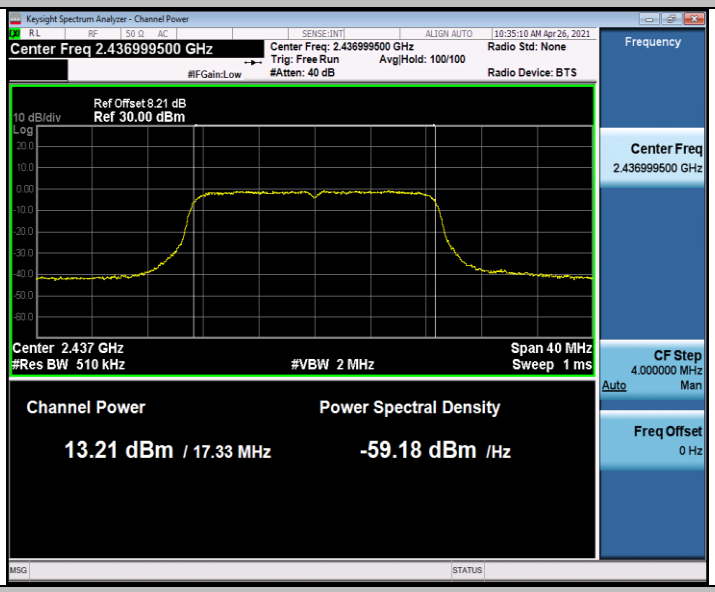
11G_Ant1_2462



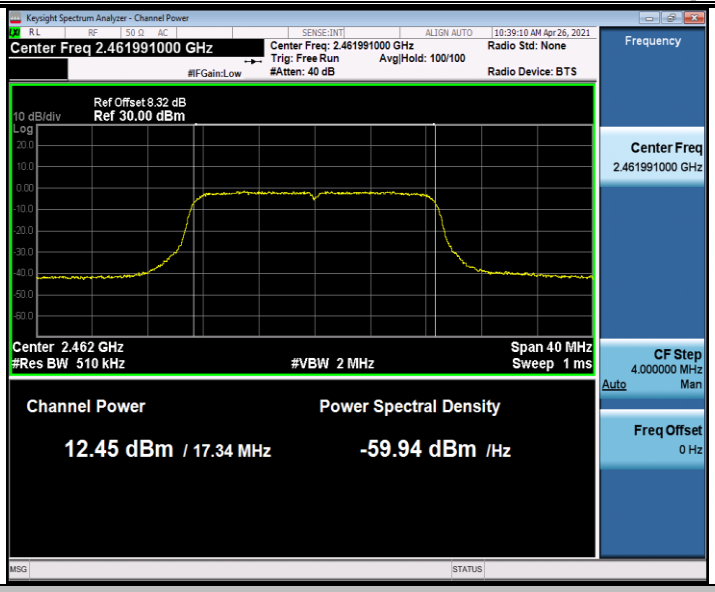
11N20SISO_Ant1_2412



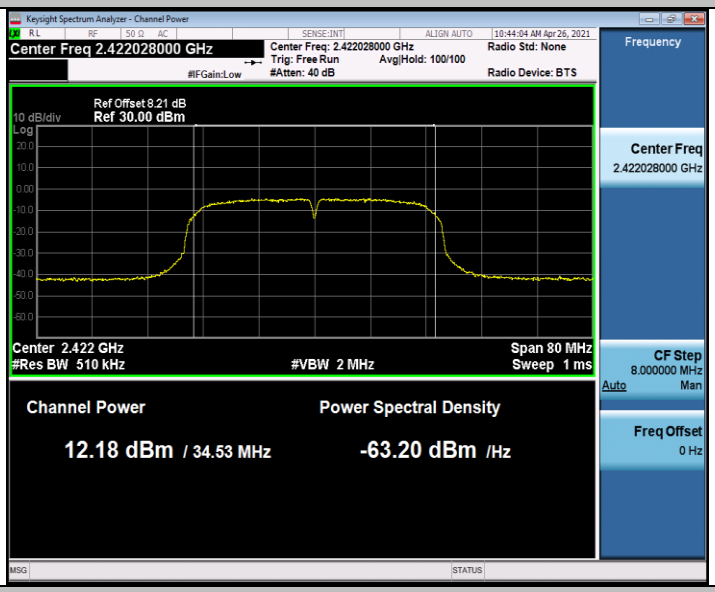
11N20SISO_Ant1_2437



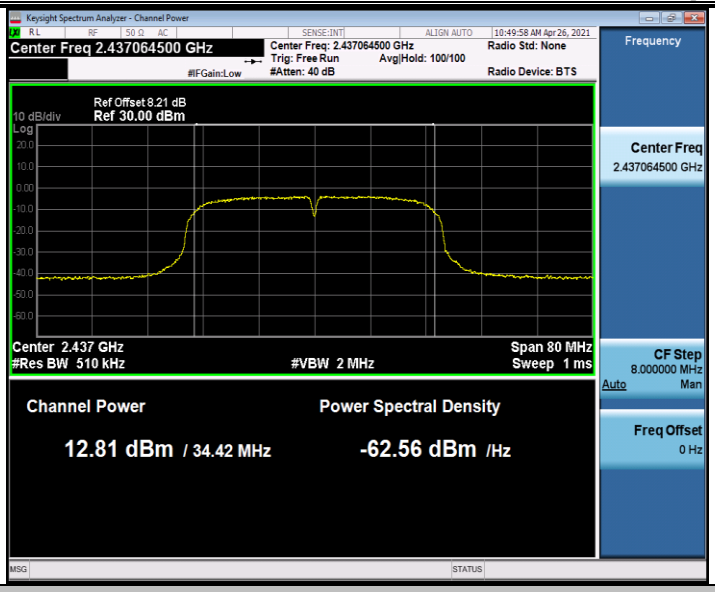
11N20SISO_Ant1_2462



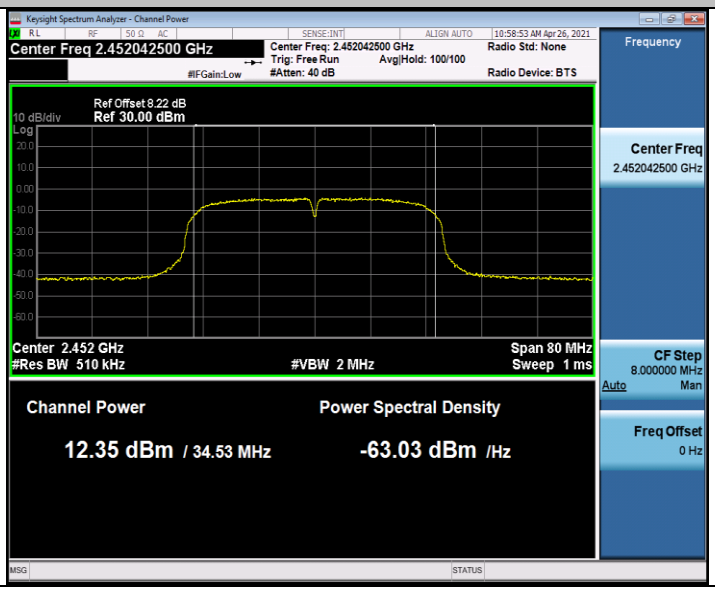
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



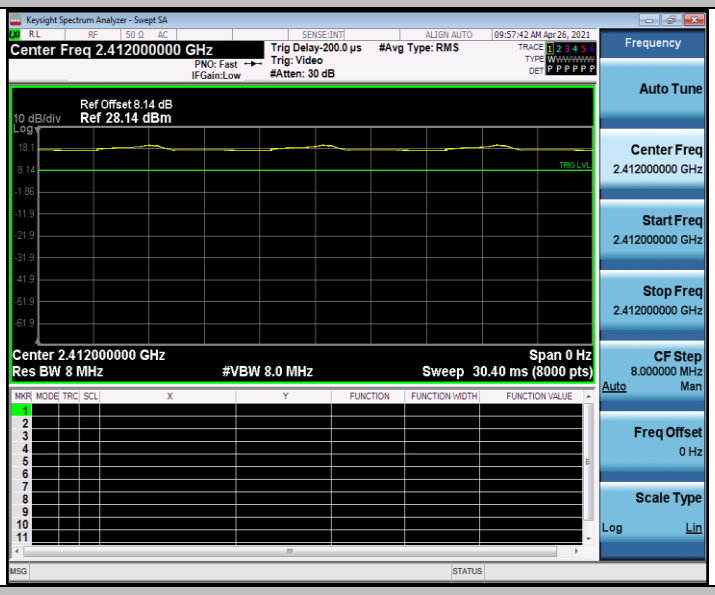
Appendix D: Duty Cycle

Test Result

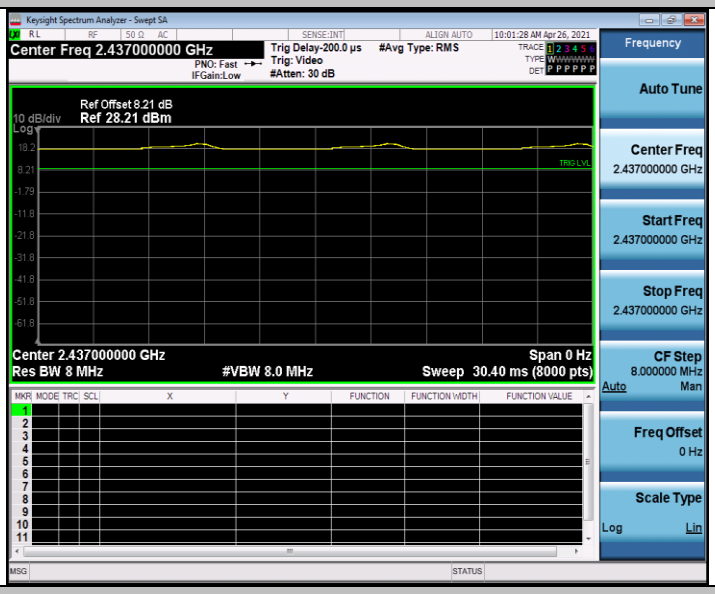
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	30.00	30.00	100.00	---	PASS
		2437	30.00	30.00	100.00	---	PASS
		2462	30.00	30.00	100.00	---	PASS
11G	Ant1	2412	30.00	30.00	100.00	---	PASS
		2437	30.00	30.00	100.00	---	PASS
		2462	30.00	30.00	100.00	---	PASS
11N20SISO	Ant1	2412	30.00	30.00	100.00	---	PASS
		2437	30.00	30.00	100.00	---	PASS
		2462	30.00	30.00	100.00	---	PASS
11N40SISO	Ant1	2422	30.00	30.00	100.00	---	PASS
		2437	30.00	30.00	100.00	---	PASS
		2452	30.00	30.00	100.00	---	PASS

Test Graphs

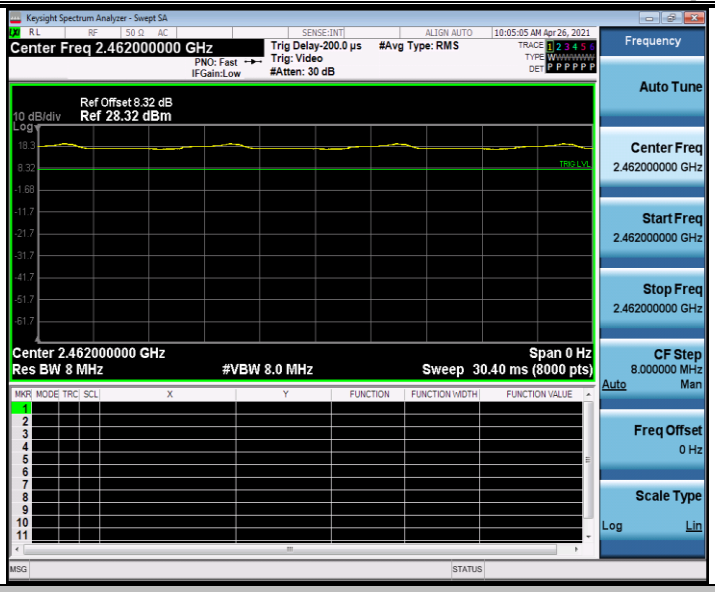
11B_Ant1_2412



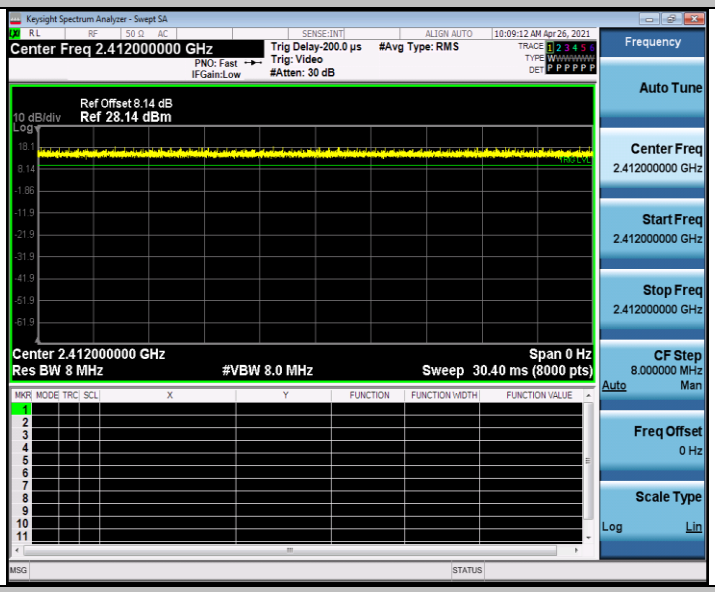
11B_Ant1_2437



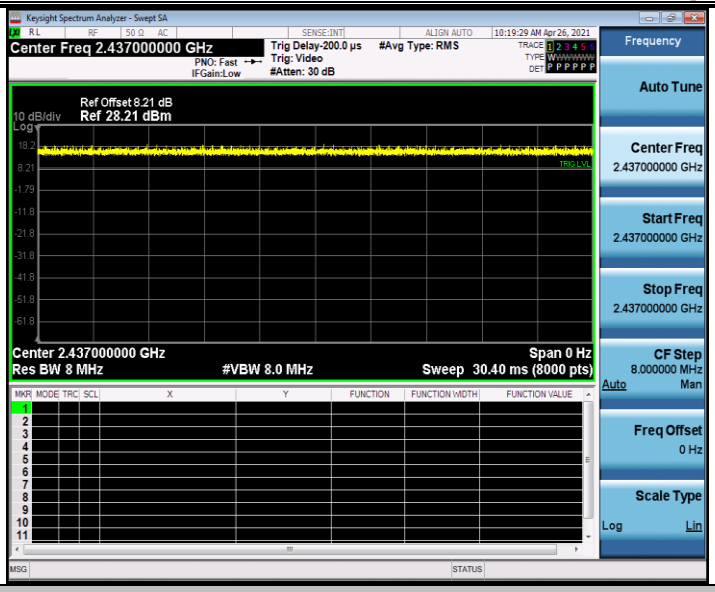
11B_Ant1_2462



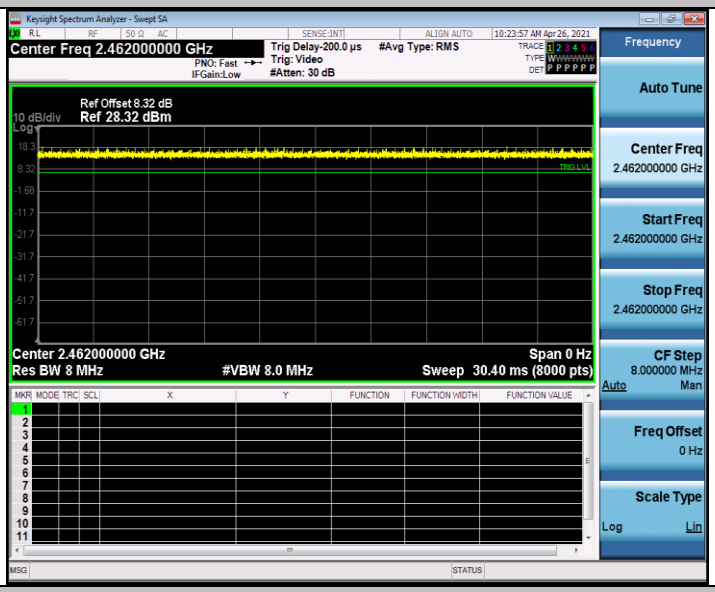
11G_Ant1_2412



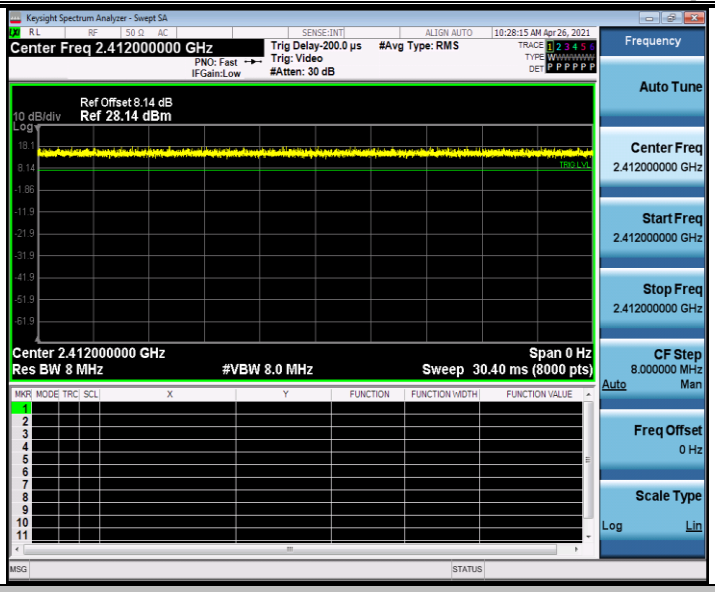
11G_Ant1_2437



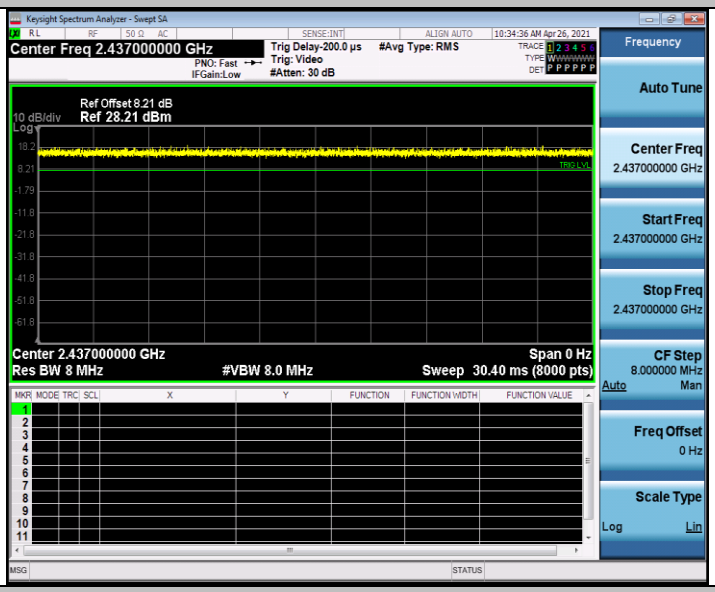
11G_Ant1_2462



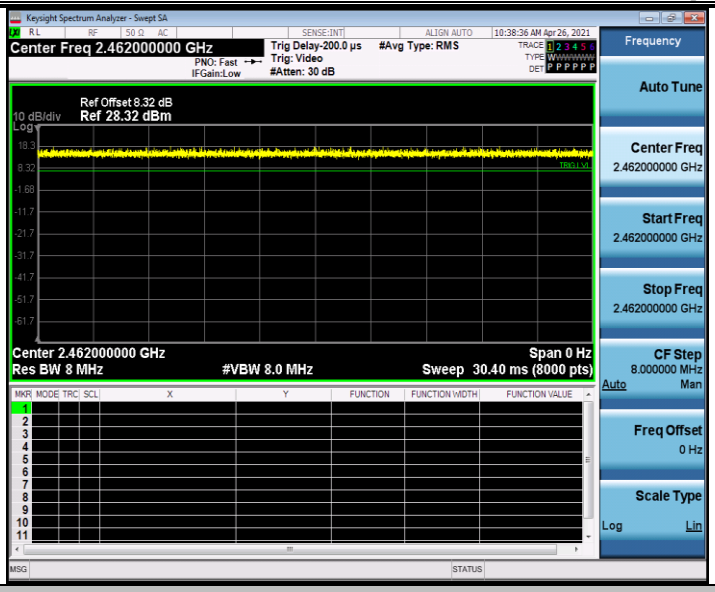
11N20SISO_Ant1_2412



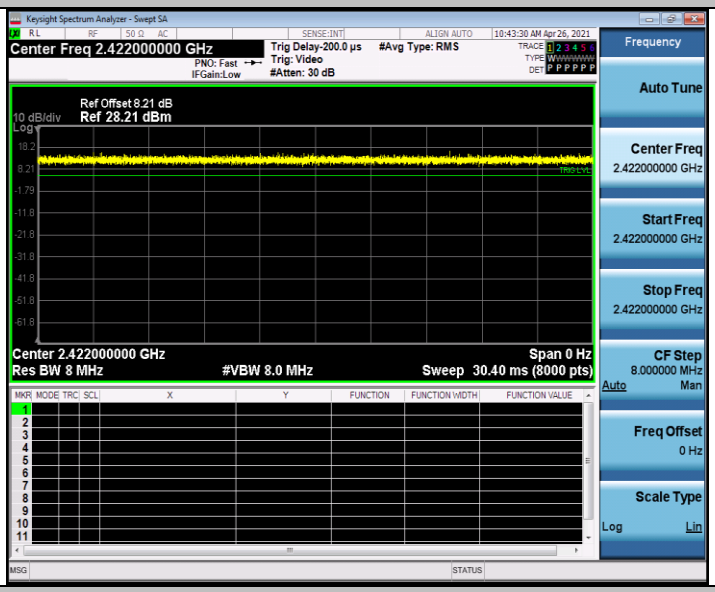
11N20SISO_Ant1_2437



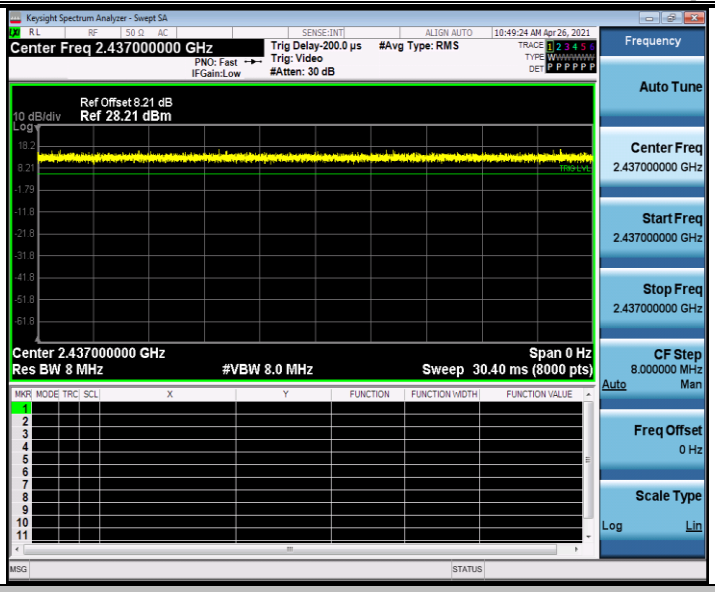
11N20SISO_Ant1_2462



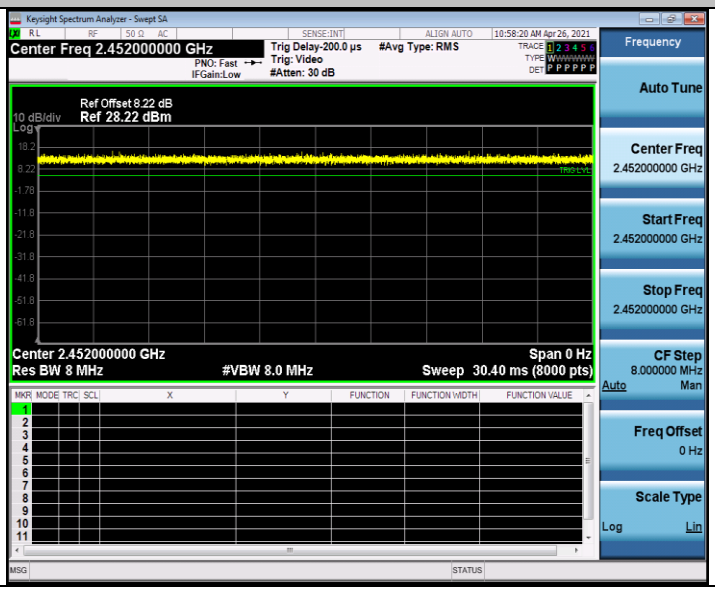
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



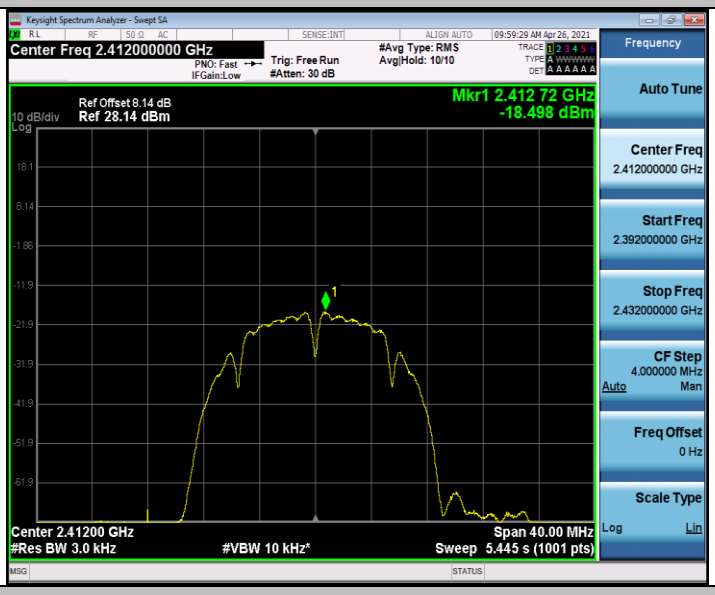
Appendix E: Maximum power spectral density

Test Result

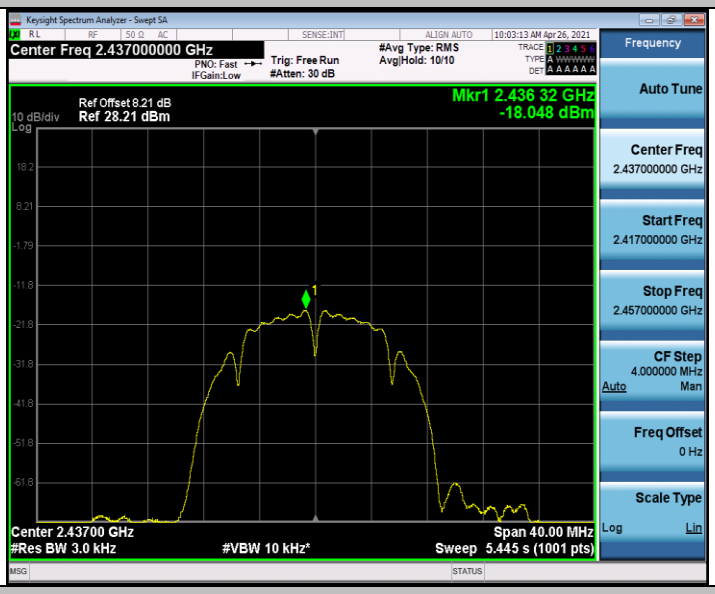
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-18.5	<=8	PASS
		2437	-18.05	<=8	PASS
		2462	-18.59	<=8	PASS
11G	Ant1	2412	-21.81	<=8	PASS
		2437	-21.14	<=8	PASS
		2462	-21.82	<=8	PASS
11N20SISO	Ant1	2412	-22.32	<=8	PASS
		2437	-21.54	<=8	PASS
		2462	-22.4	<=8	PASS
11N40SISO	Ant1	2422	-25.74	<=8	PASS
		2437	-24.94	<=8	PASS
		2452	-25.28	<=8	PASS

Test Graphs

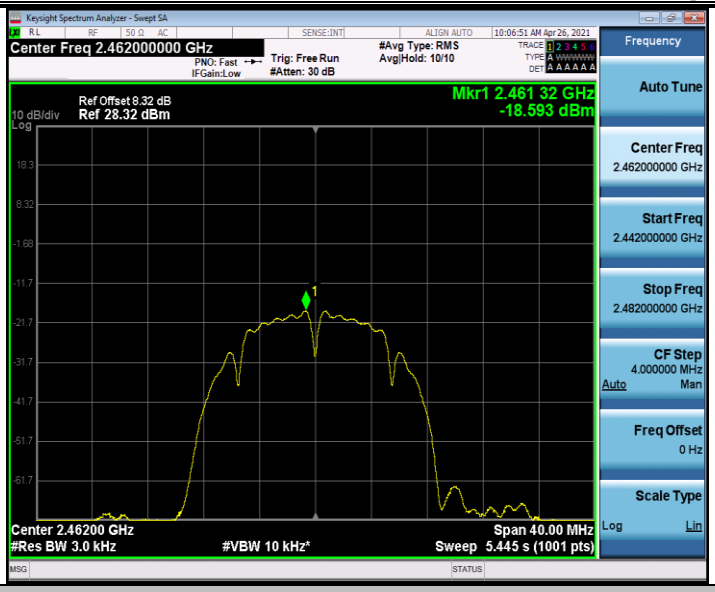
11B_Ant1_2412



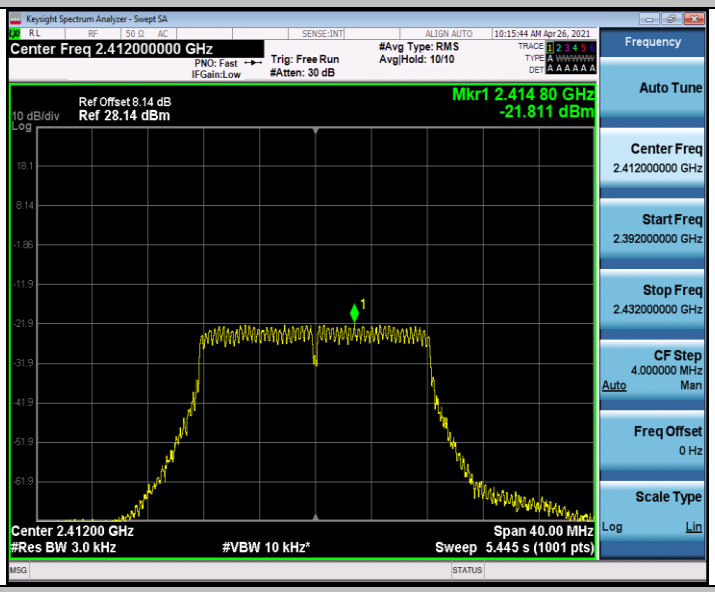
11B_Ant1_2437



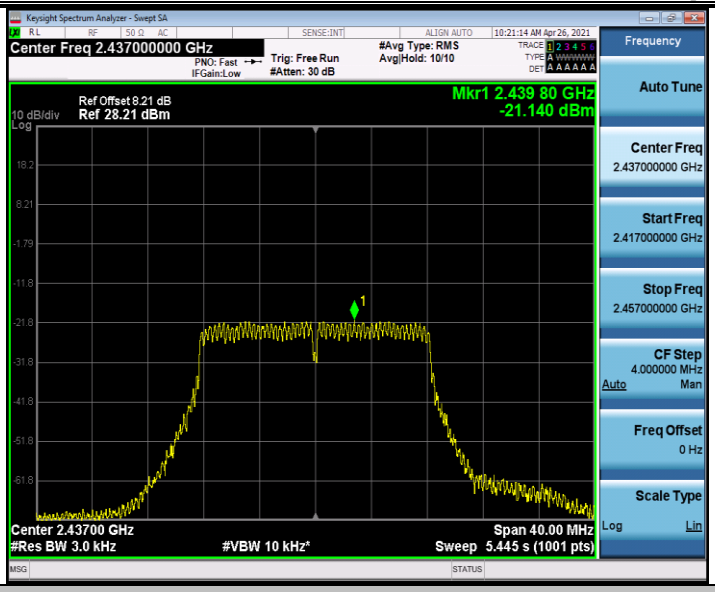
11B_Ant1_2462



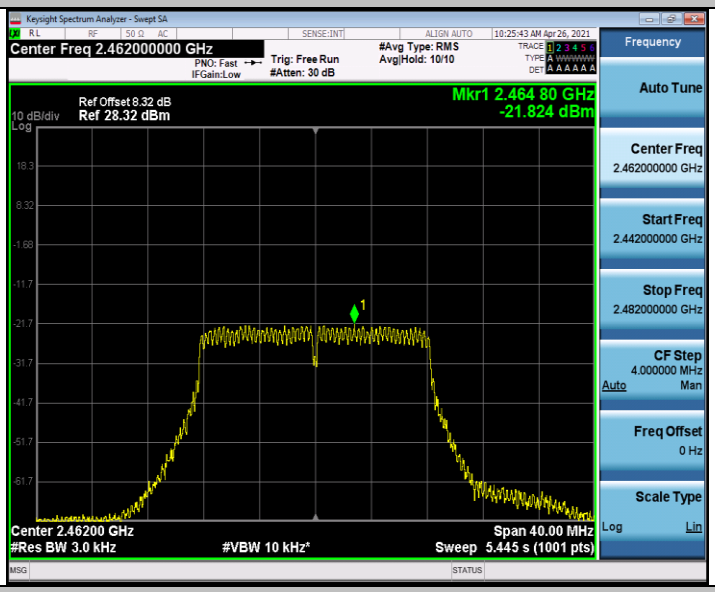
11G_Ant1_2412



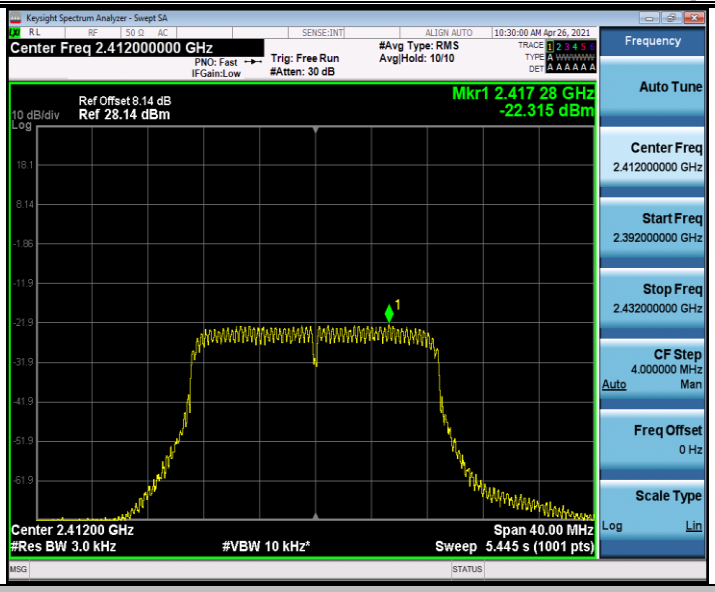
11G_Ant1_2437



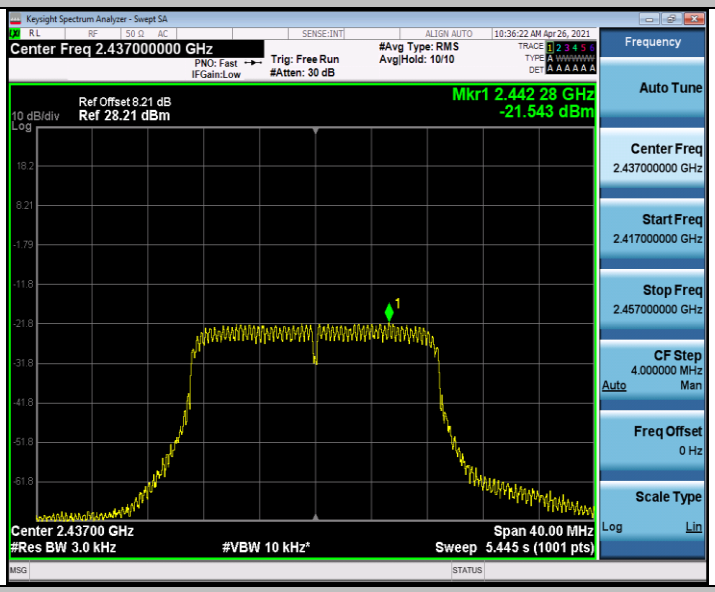
11G_Ant1_2462



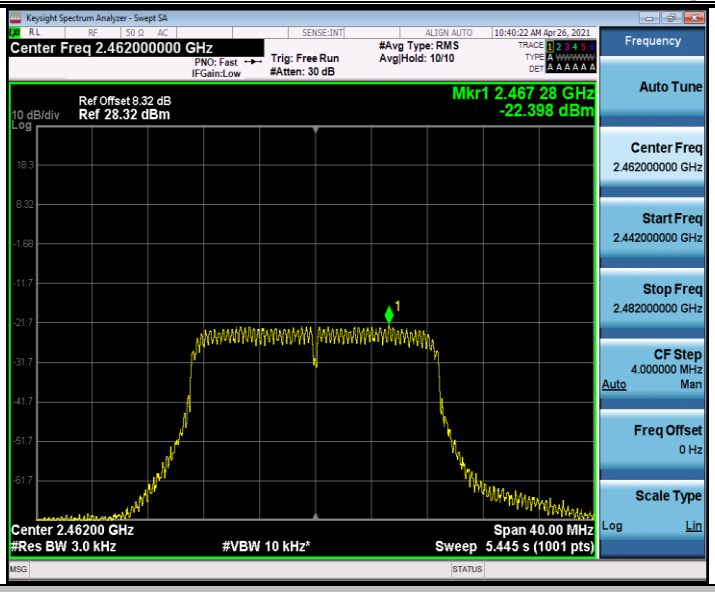
11N20SISO_Ant1_2412



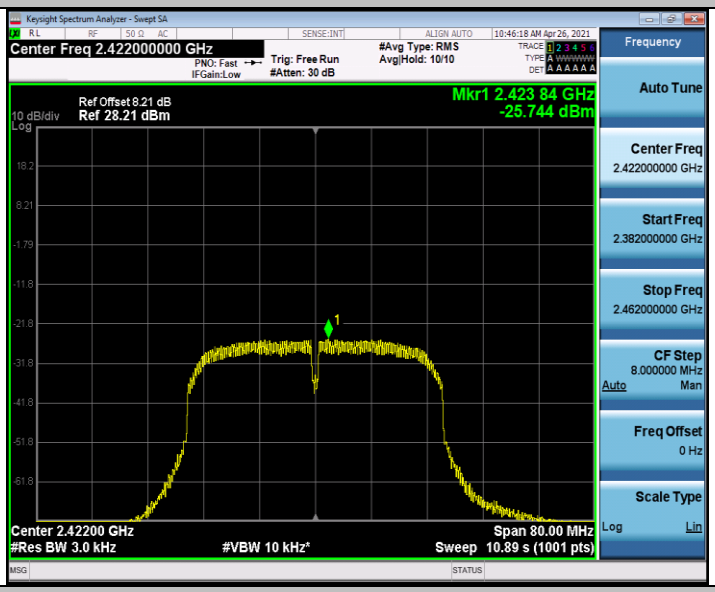
11N20SISO_Ant1_2437



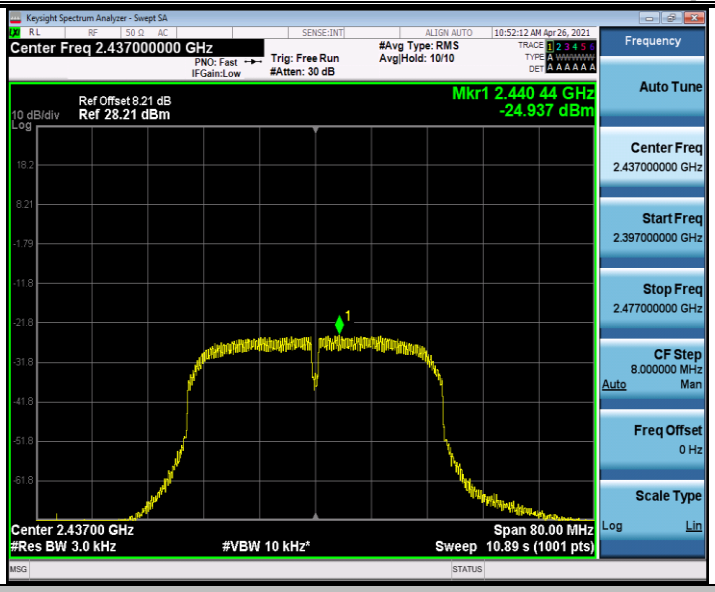
11N20SISO_Ant1_2462



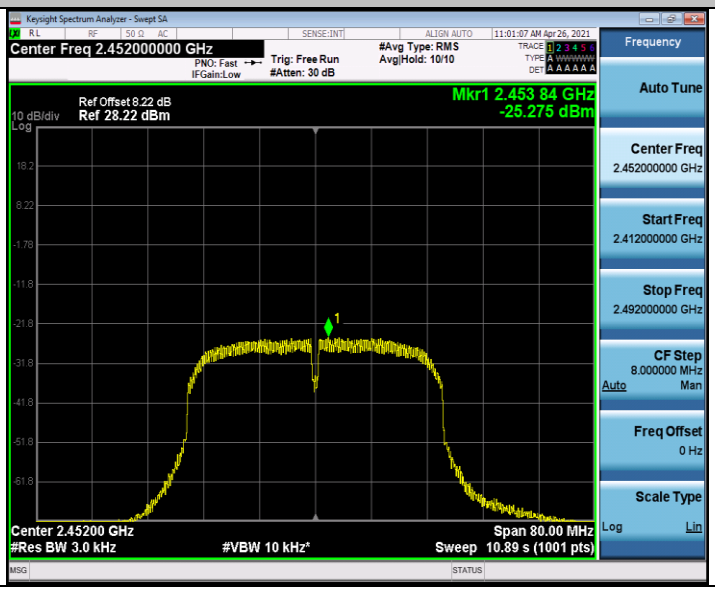
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



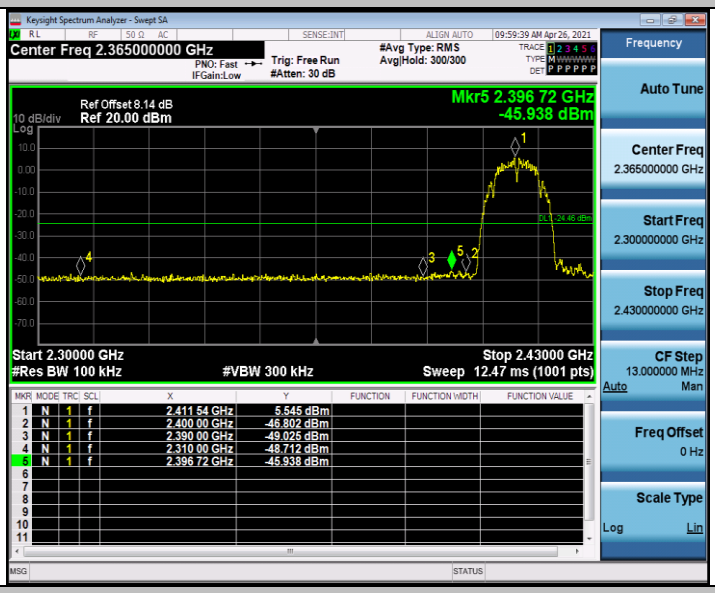
Appendix F: Band edge measurements

Test Result

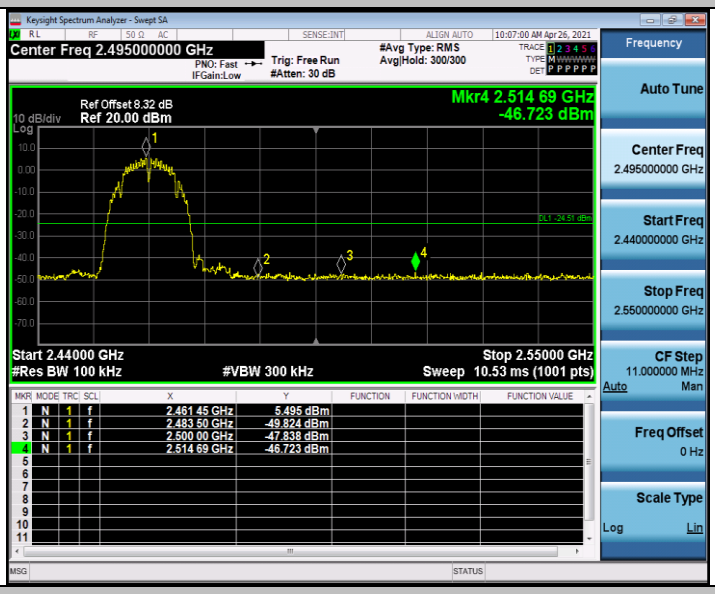
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.55	-45.94	<=-24.46	PASS
		High	2462	5.50	-46.72	<=-24.51	PASS
11G	Ant1	Low	2412	-0.27	-39.83	<=-30.27	PASS
		High	2462	-0.36	-46.38	<=-30.36	PASS
11N20SISO	Ant1	Low	2412	-0.63	-40.17	<=-30.63	PASS
		High	2462	-0.46	-46.31	<=-30.46	PASS
11N40SISO	Ant1	Low	2422	-4.12	-41.7	<=-34.12	PASS
		High	2452	-3.72	-46.46	<=-33.72	PASS

Test Graphs

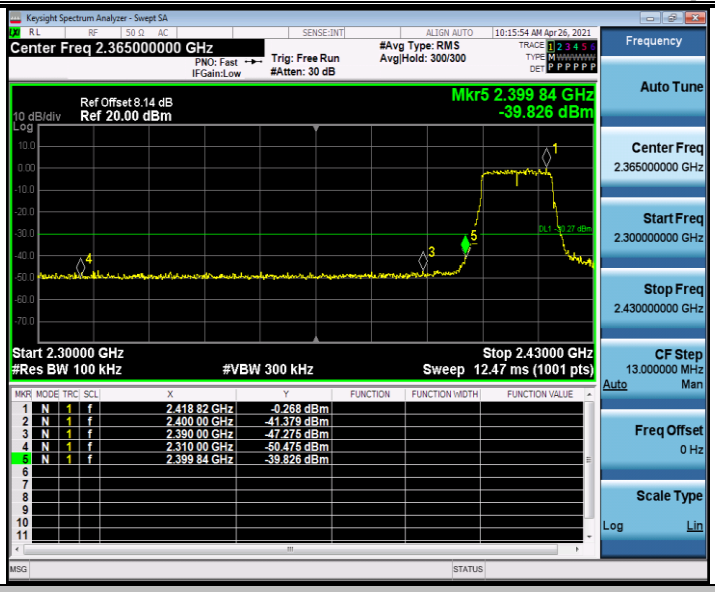
11B_Ant1_Low_2412



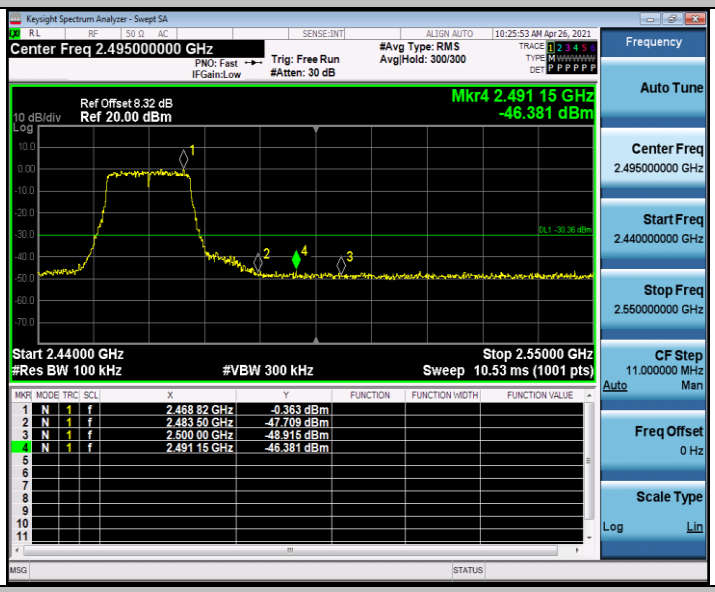
11B_Ant1_High_2462



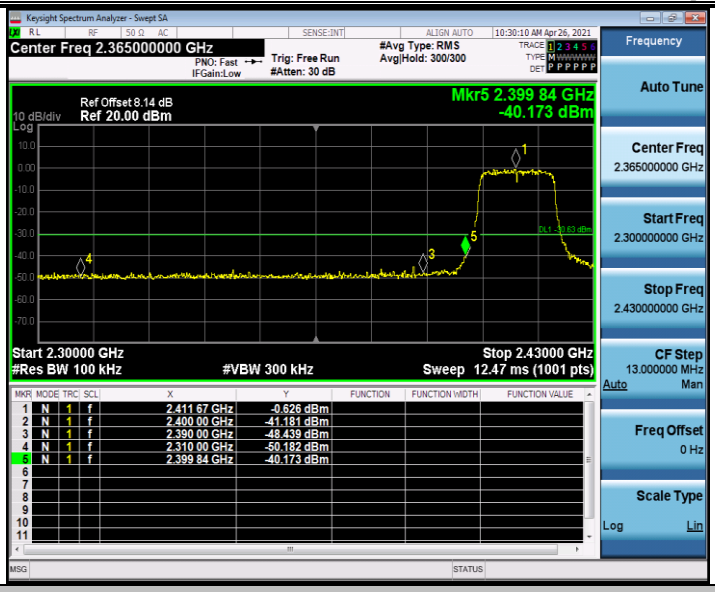
11G_Ant1_Low_2412



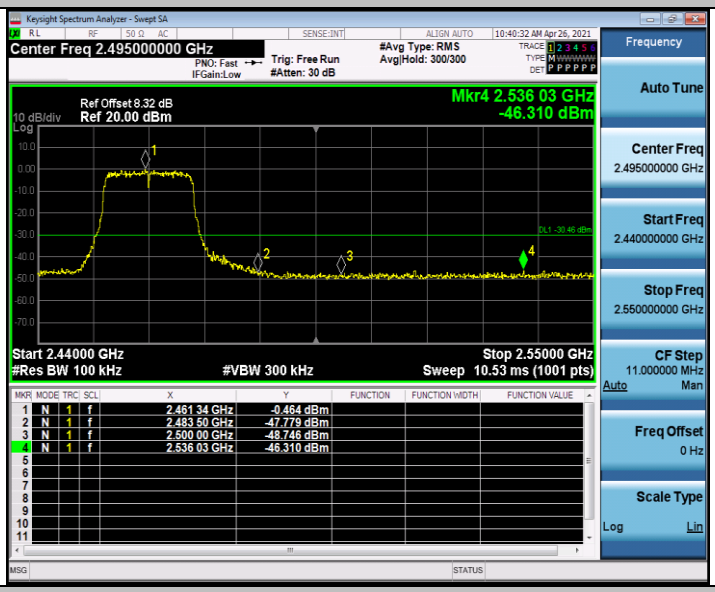
11G_Ant1_High_2462



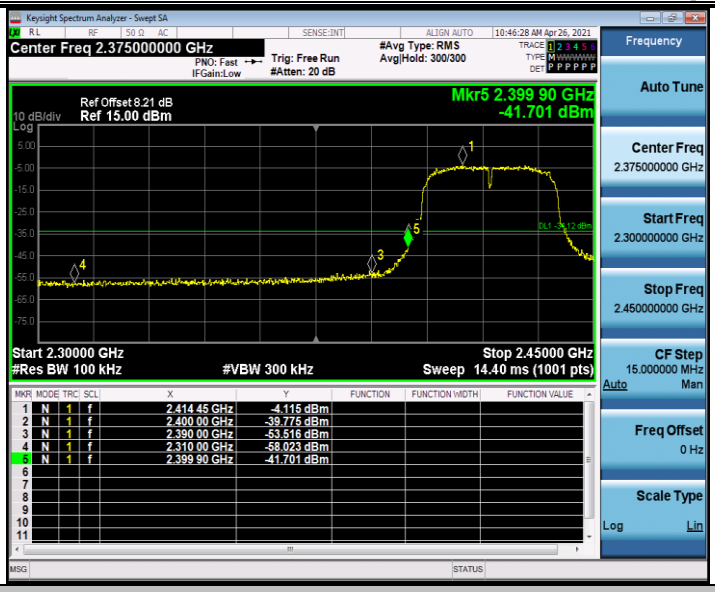
11N20SISO_Ant1_Low_2412



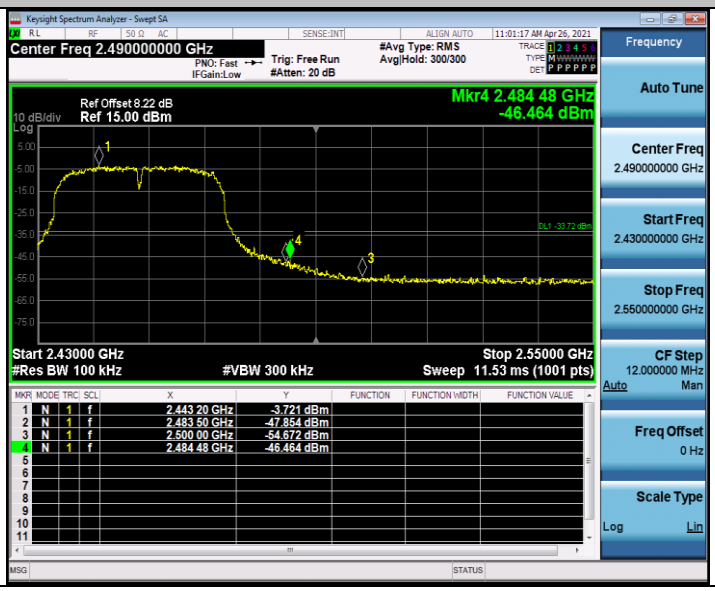
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix G: Conducted Spurious Emission

Test Result

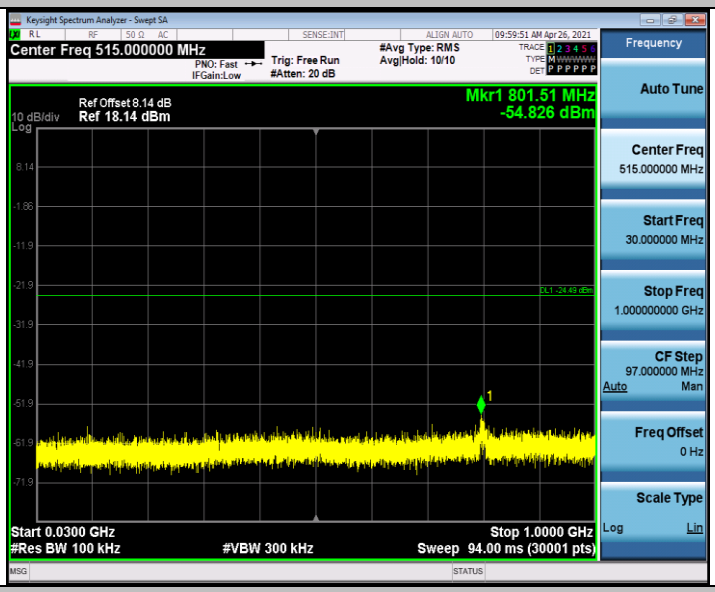
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.51	5.51	---	PASS
			30~1000	5.51	-54.83	<=-24.49	PASS
			1000~26500	5.51	-38.6	<=-24.49	PASS
		2437	Reference	5.91	5.91	---	PASS
			30~1000	5.91	-55.23	<=-24.09	PASS
			1000~26500	5.91	-38.4	<=-24.09	PASS
		2462	Reference	5.48	5.48	---	PASS
			30~1000	5.48	-53.6	<=-24.53	PASS
			1000~26500	5.48	-38.31	<=-24.53	PASS
11G	Ant1	2412	Reference	-0.90	-0.90	---	PASS
			30~1000	-0.90	-56.61	<=-30.9	PASS
			1000~26500	-0.90	-38.41	<=-30.9	PASS
		2437	Reference	0.23	0.23	---	PASS
			30~1000	0.23	-55.54	<=-29.77	PASS
			1000~26500	0.23	-38.57	<=-29.77	PASS
		2462	Reference	-0.47	-0.47	---	PASS
			30~1000	-0.47	-55.29	<=-30.47	PASS
			1000~26500	-0.47	-37.84	<=-30.47	PASS
11N20SISO	Ant1	2412	Reference	-0.69	-0.69	---	PASS
			30~1000	-0.69	-56.05	<=-30.69	PASS
			1000~26500	-0.69	-38.09	<=-30.69	PASS
		2437	Reference	0.28	0.28	---	PASS
			30~1000	0.28	-55.42	<=-29.72	PASS
			1000~26500	0.28	-37.42	<=-29.72	PASS
		2462	Reference	-0.98	-0.98	---	PASS
			30~1000	-0.98	-55.91	<=-30.98	PASS
			1000~26500	-0.98	-38.25	<=-30.98	PASS
11N40SISO	Ant1	2422	Reference	-4.01	-4.01	---	PASS
			30~1000	-4.01	-56.57	<=-34.01	PASS
			1000~26500	-4.01	-37.9	<=-34.01	PASS

		2437	Reference	-3.16	-3.16	---	PASS
			30~1000	-3.16	-56.87	<=-33.16	PASS
			1000~26500	-3.16	-37.69	<=-33.16	PASS
		2452	Reference	-3.62	-3.62	---	PASS
			30~1000	-3.62	-57.19	<=-33.62	PASS
			1000~26500	-3.62	-38.29	<=-33.62	PASS

Test Graphs

11B_Ant1_2412_0~Reference

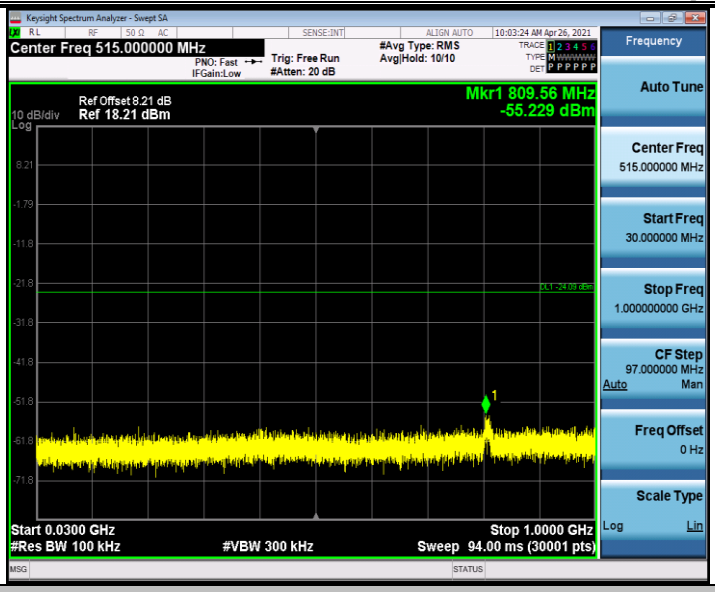
11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500

11B_Ant1_2437_0~Reference

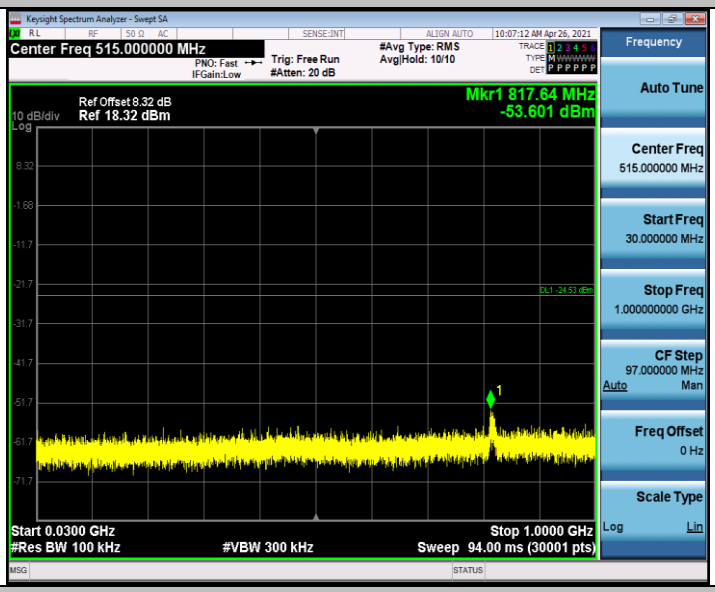
11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500

11B_Ant1_2462_0~Reference

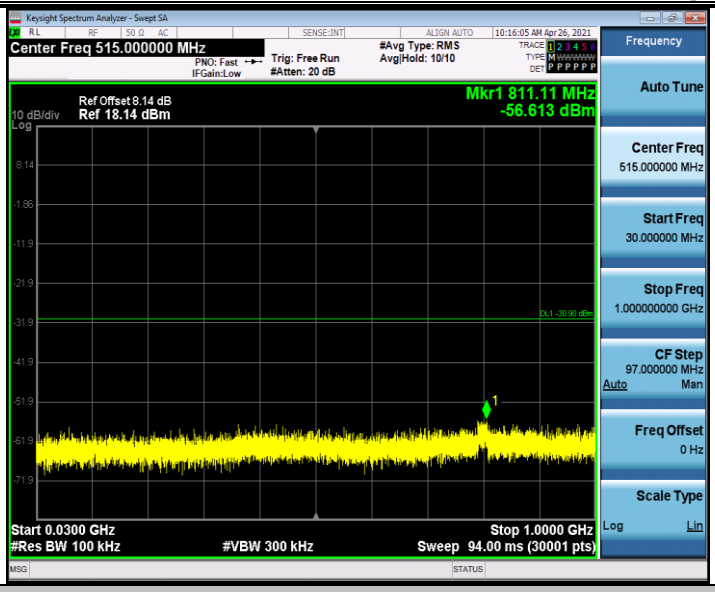
11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500

11G_Ant1_2412_0~Reference

11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500

11G_Ant1_2437_0~Reference