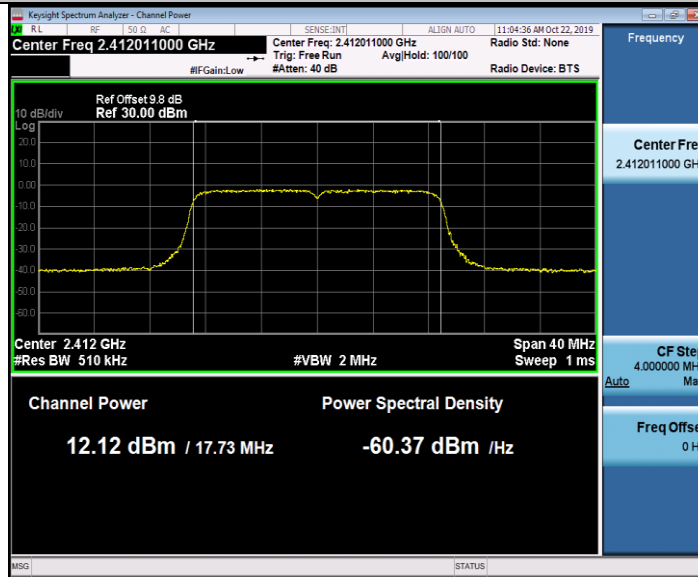
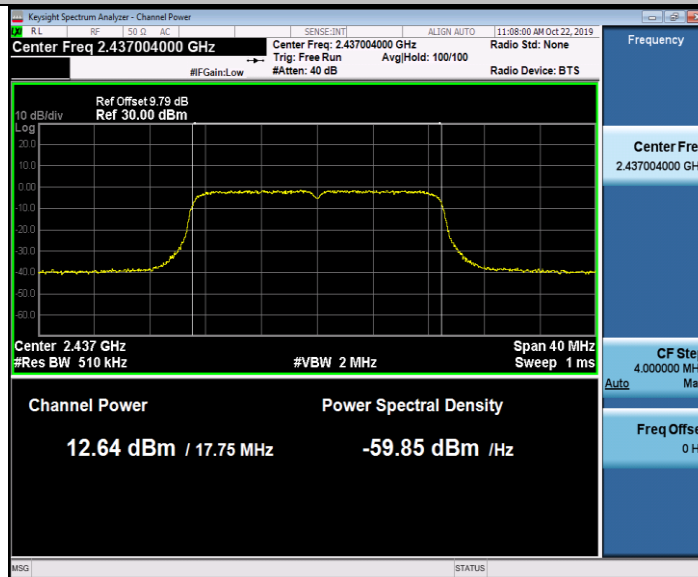
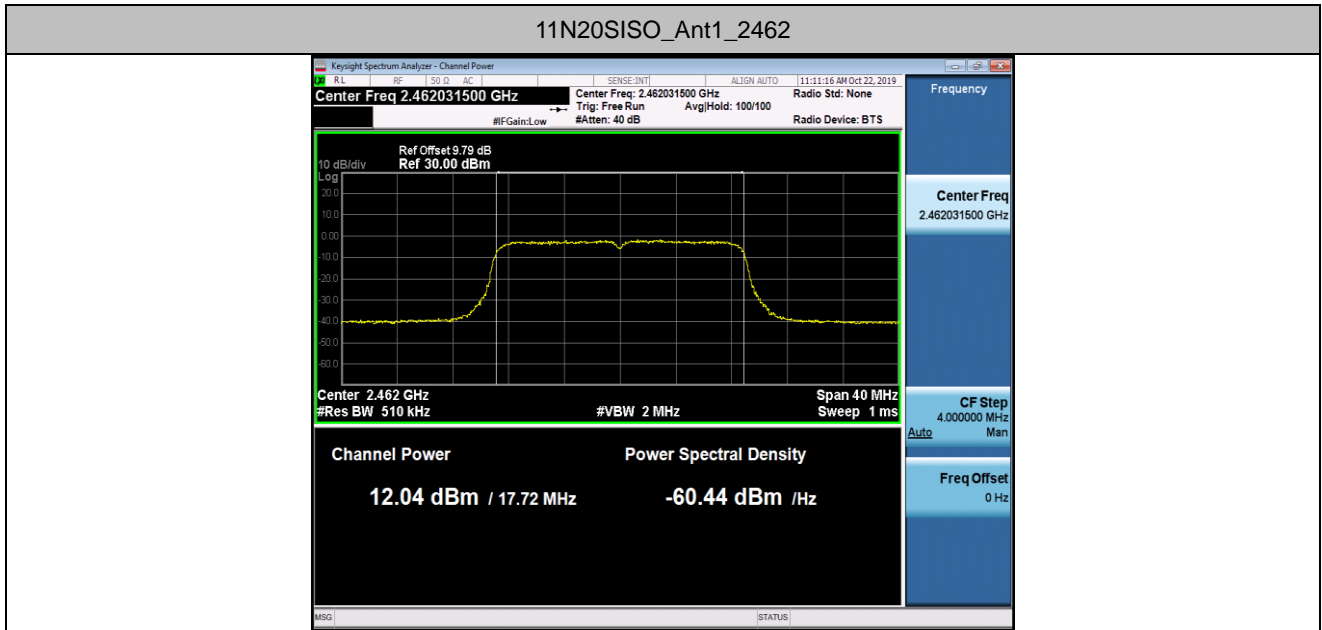


11N20SISO_Ant1_2412



11N20SISO_Ant1_2437





Appendix D: Duty Cycle

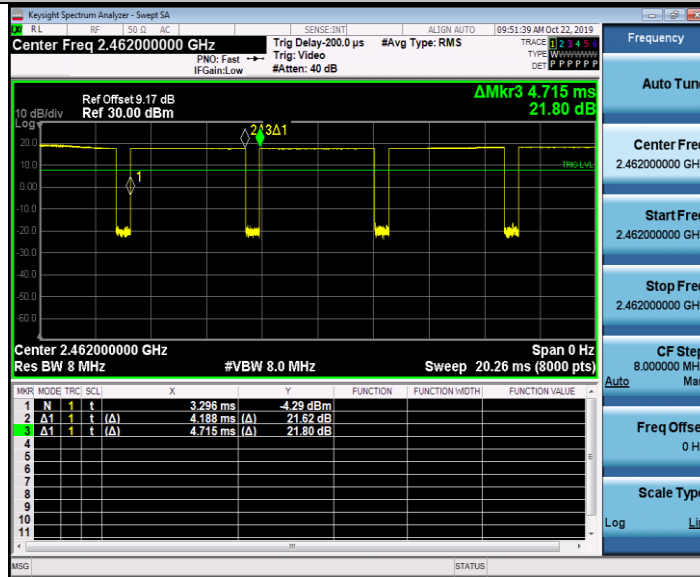
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	4.19	4.71	88.87
		2437	4.19	4.71	88.82
		2462	4.19	4.71	88.82
11G	Ant1	2412	0.69	0.79	86.92
		2437	0.69	0.79	86.92
		2462	0.69	0.79	86.90
11N20SISO	Ant1	2412	0.65	0.75	86.58
		2437	0.65	0.75	86.72
		2462	0.65	0.75	86.72

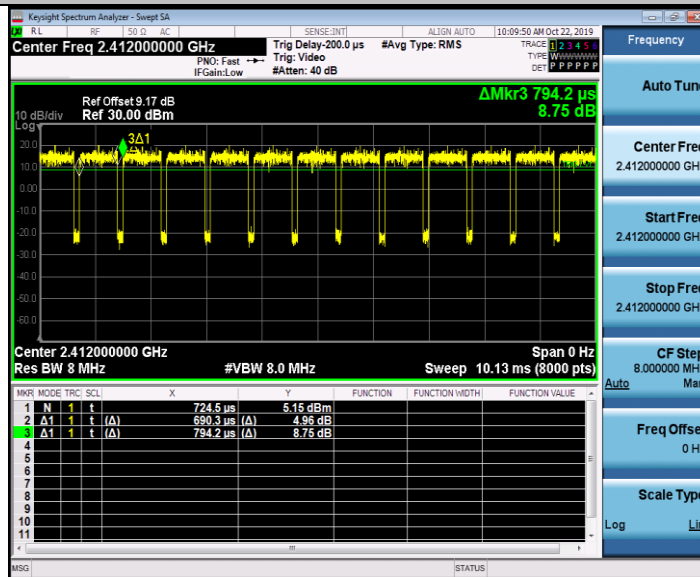
Test Graphs



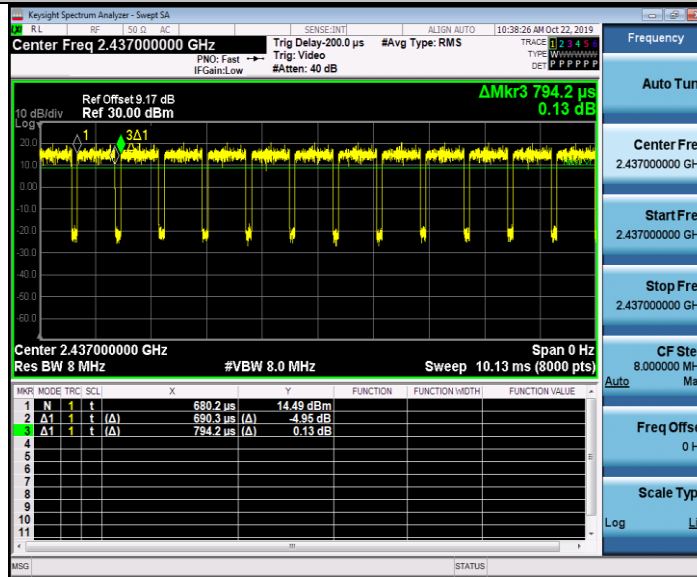
11B_Ant1_2462



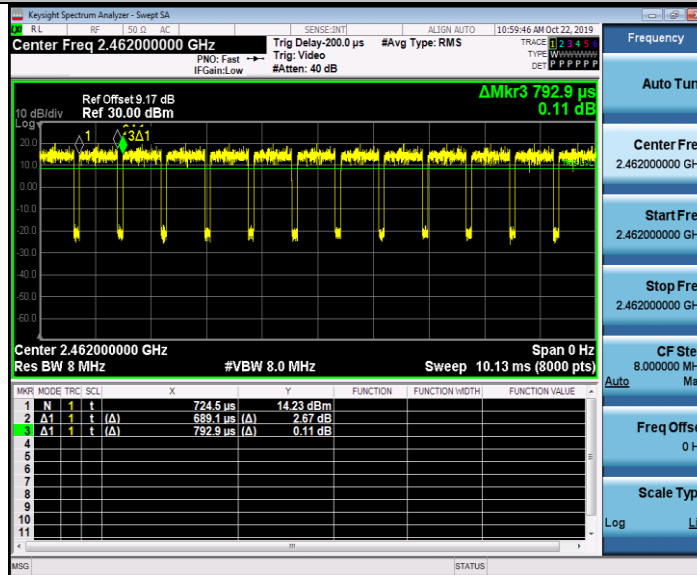
11G_Ant1_2412



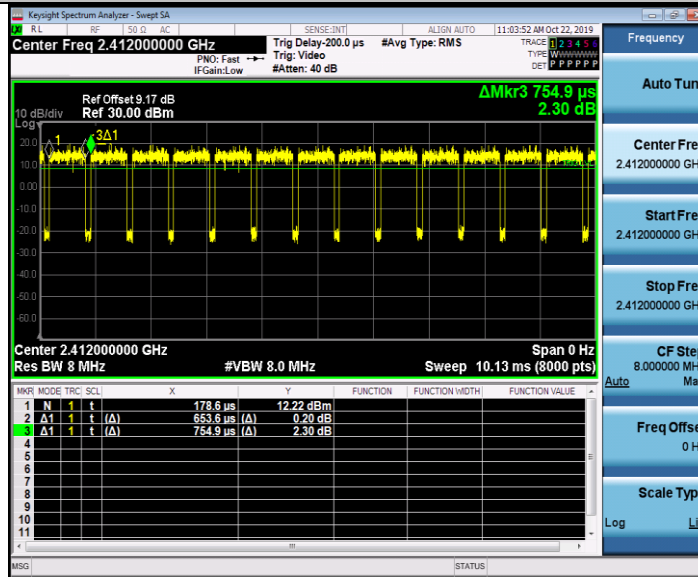
11G_Ant1_2437



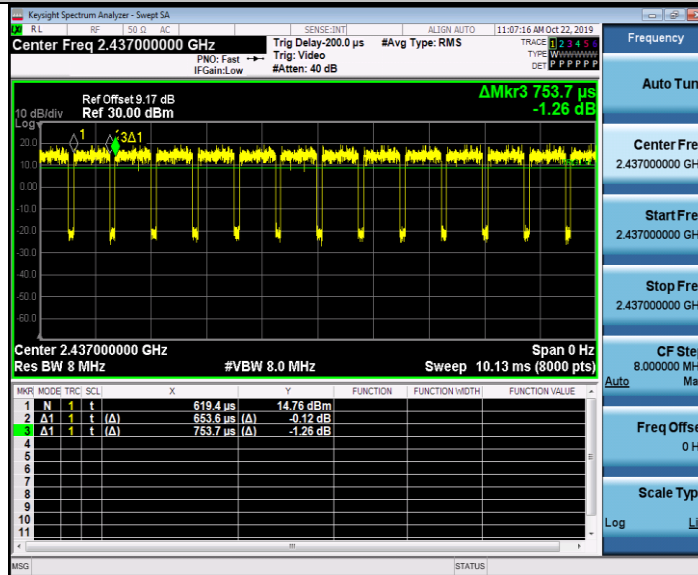
11G_Ant1_2462

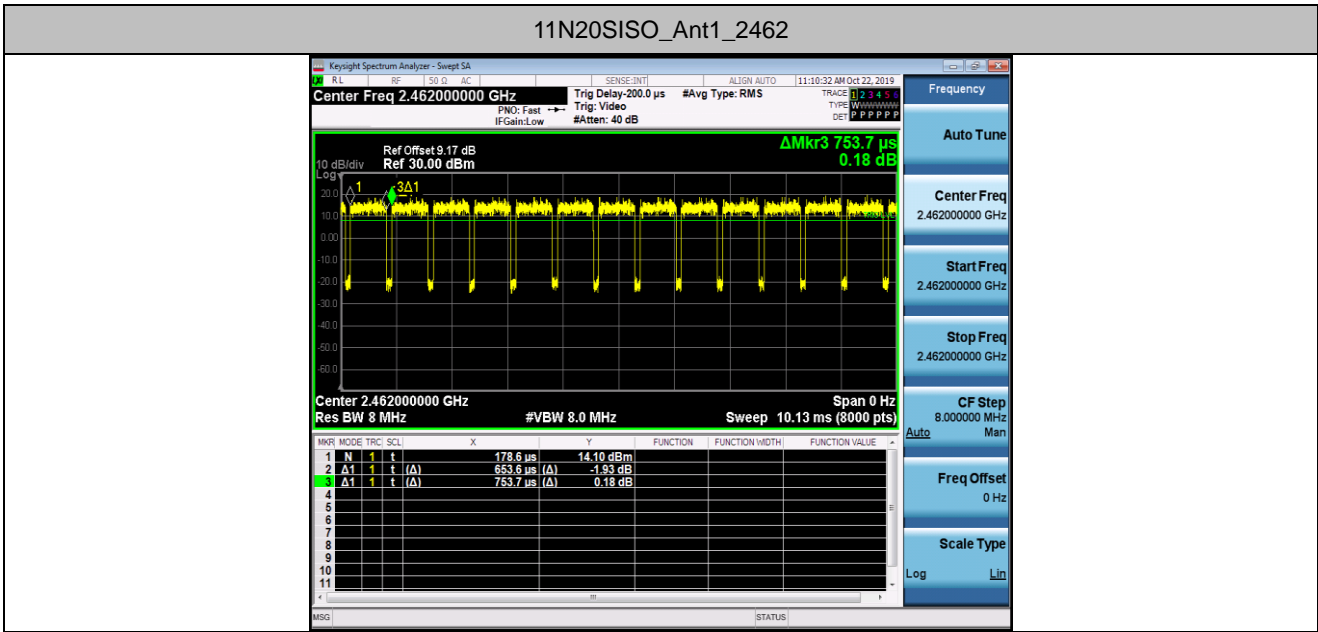


11N20SISO_Ant1_2412



11N20SISO_Ant1_2437





Appendix E: Maximum power spectral density

Test Result

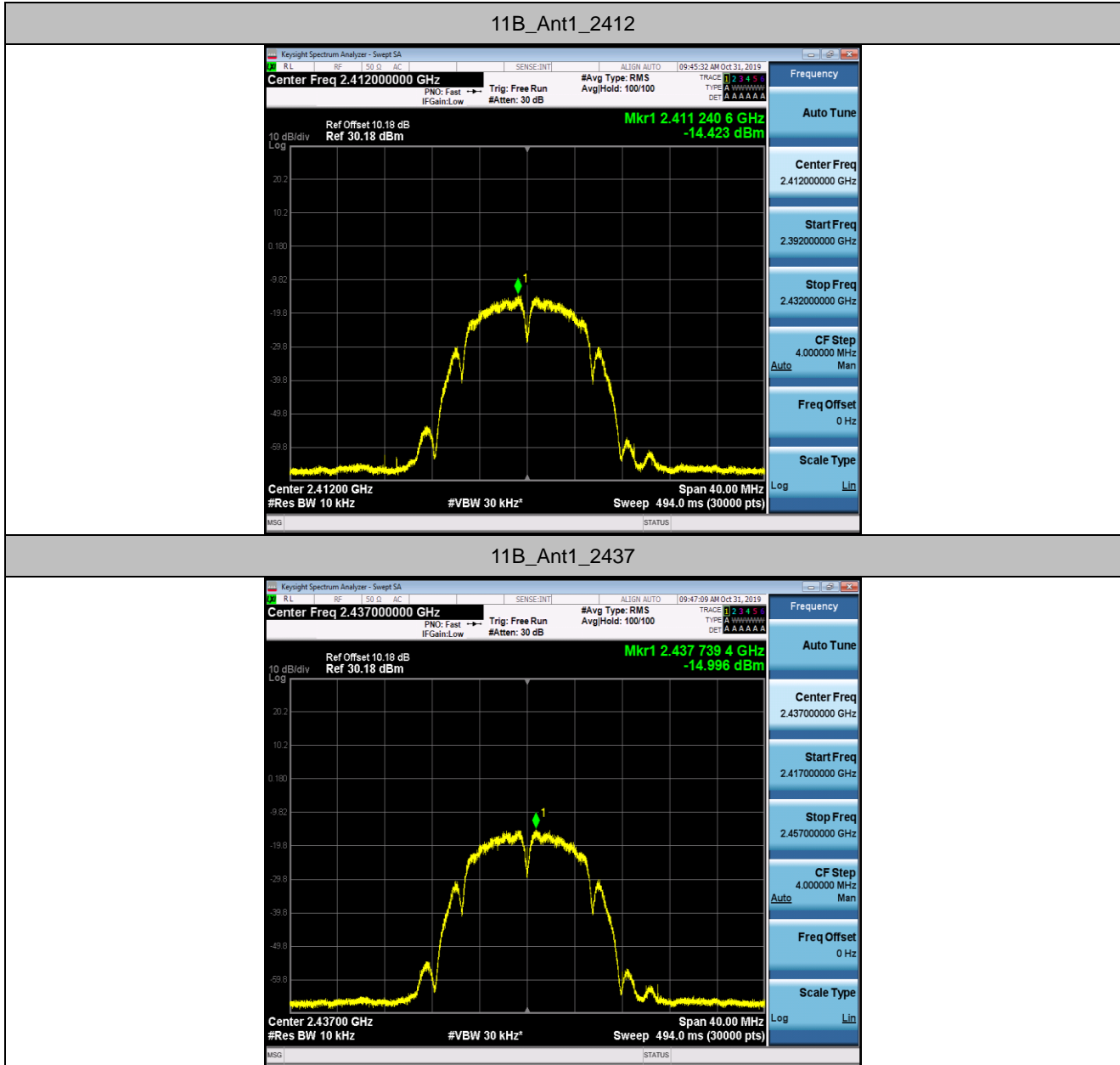
TestMode	Antenna	Channel	Meas.Level [dBm]	DT (%)	10 log (1/x)	AV.PSD At 10kHz [dBm]	Calculating AV.PSD At 3kHz [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	-14.42	88.87	0.51	-13.91	-19.14	<=8	PASS
		2437	-15	88.82	0.51	-14.49	-19.72	<=8	PASS
		2462	-14.23	88.82	0.51	-13.72	-18.95	<=8	PASS
11G	Ant1	2412	-14.33	86.92	0.61	-13.72	-18.95	<=8	PASS
		2437	-7.28	86.92	0.61	-6.67	-11.90	<=8	PASS
		2462	-14.65	86.90	0.61	-14.04	-19.27	<=8	PASS
11N20SISO	Ant1	2412	-14.25	86.58	0.63	-13.62	-18.85	<=8	PASS
		2437	-14.37	86.72	0.62	-13.75	-18.98	<=8	PASS
		2462	-15.22	86.72	0.62	-14.60	-19.83	<=8	PASS

Note:

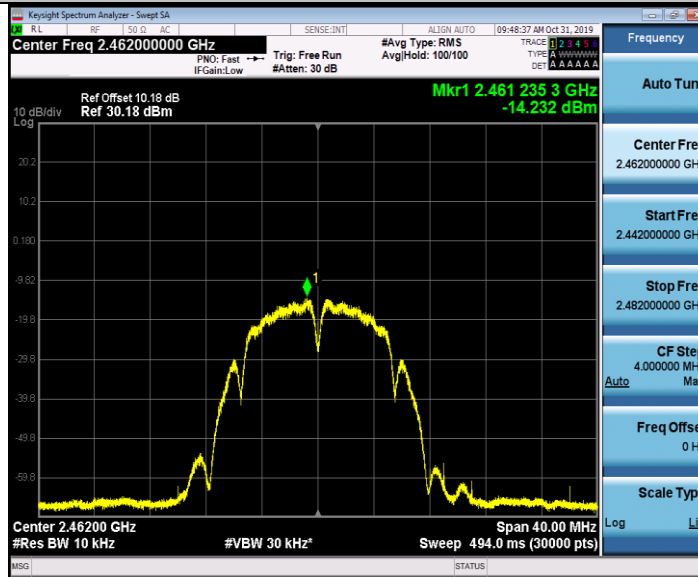
calculating the RBW=3kHz value

-13.91 (AV.PSD At RBW=10kHz)-10*log(10/3)=-19.14(AV.PSD At RBW=3kHz)

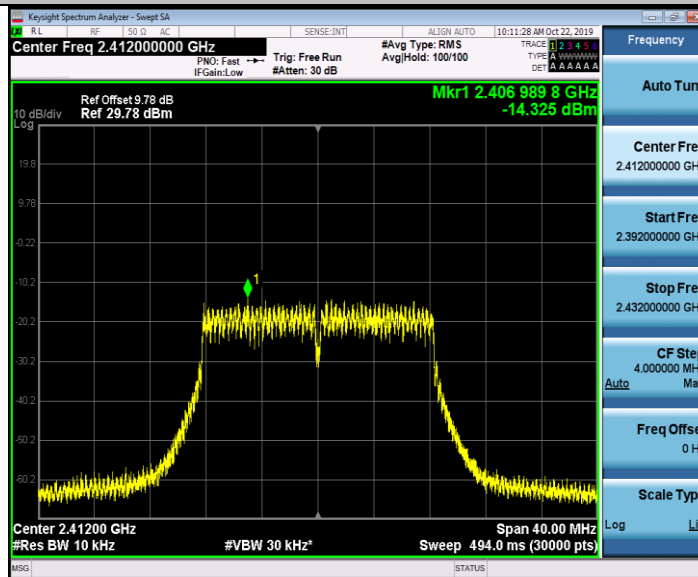
Test Graphs



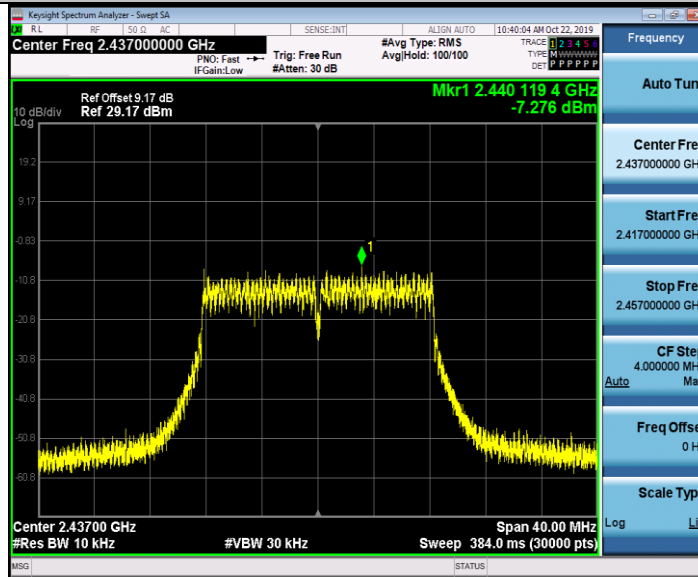
11B_Ant1_2462



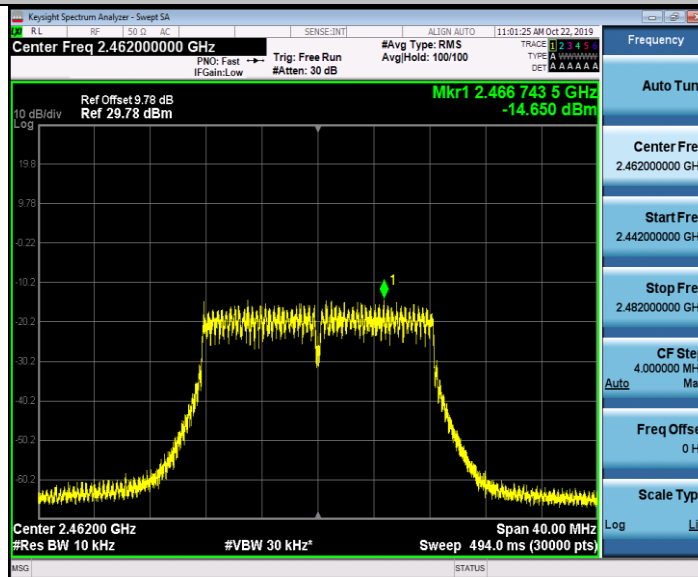
11G_Ant1_2412



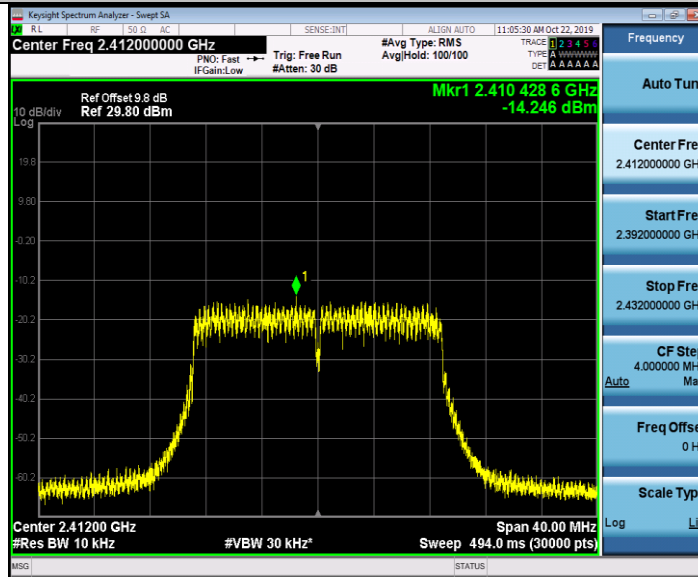
11G_Ant1_2437



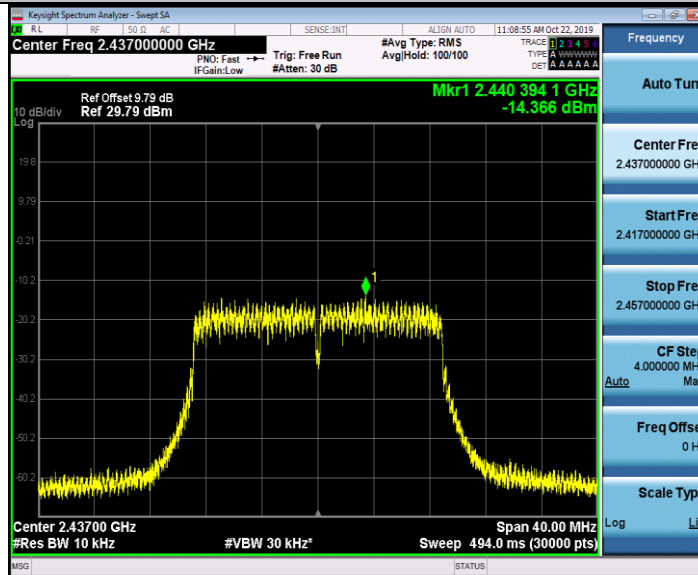
11G_Ant1_2462

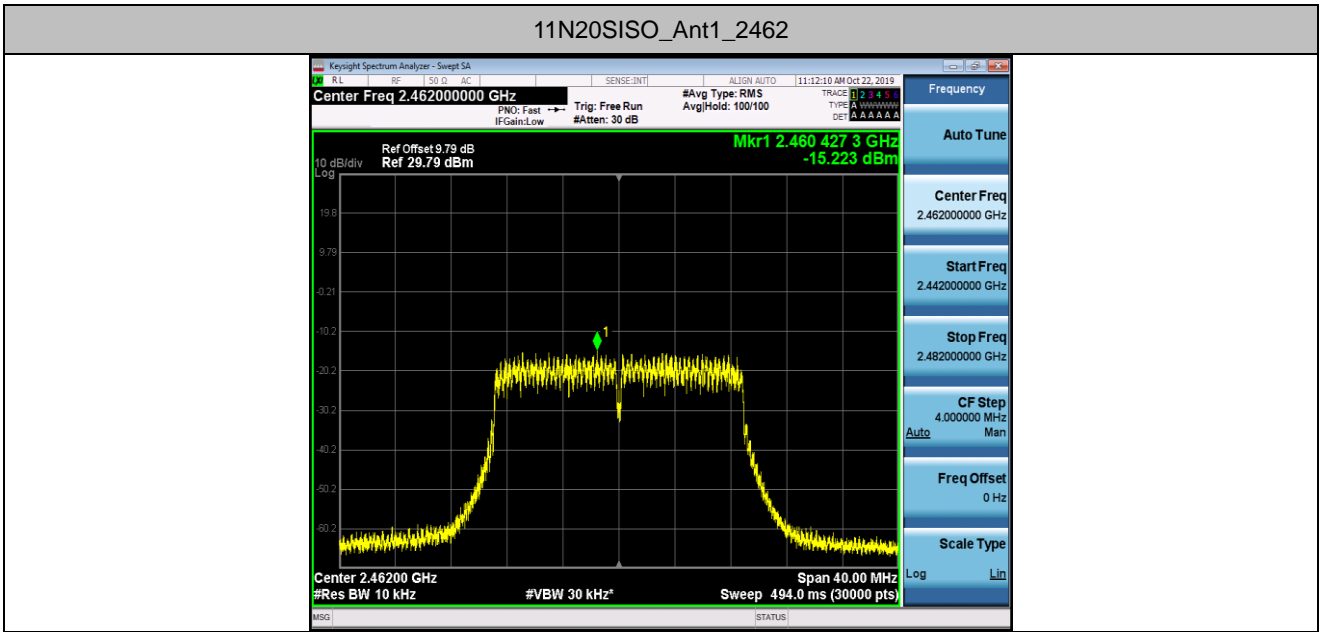


11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



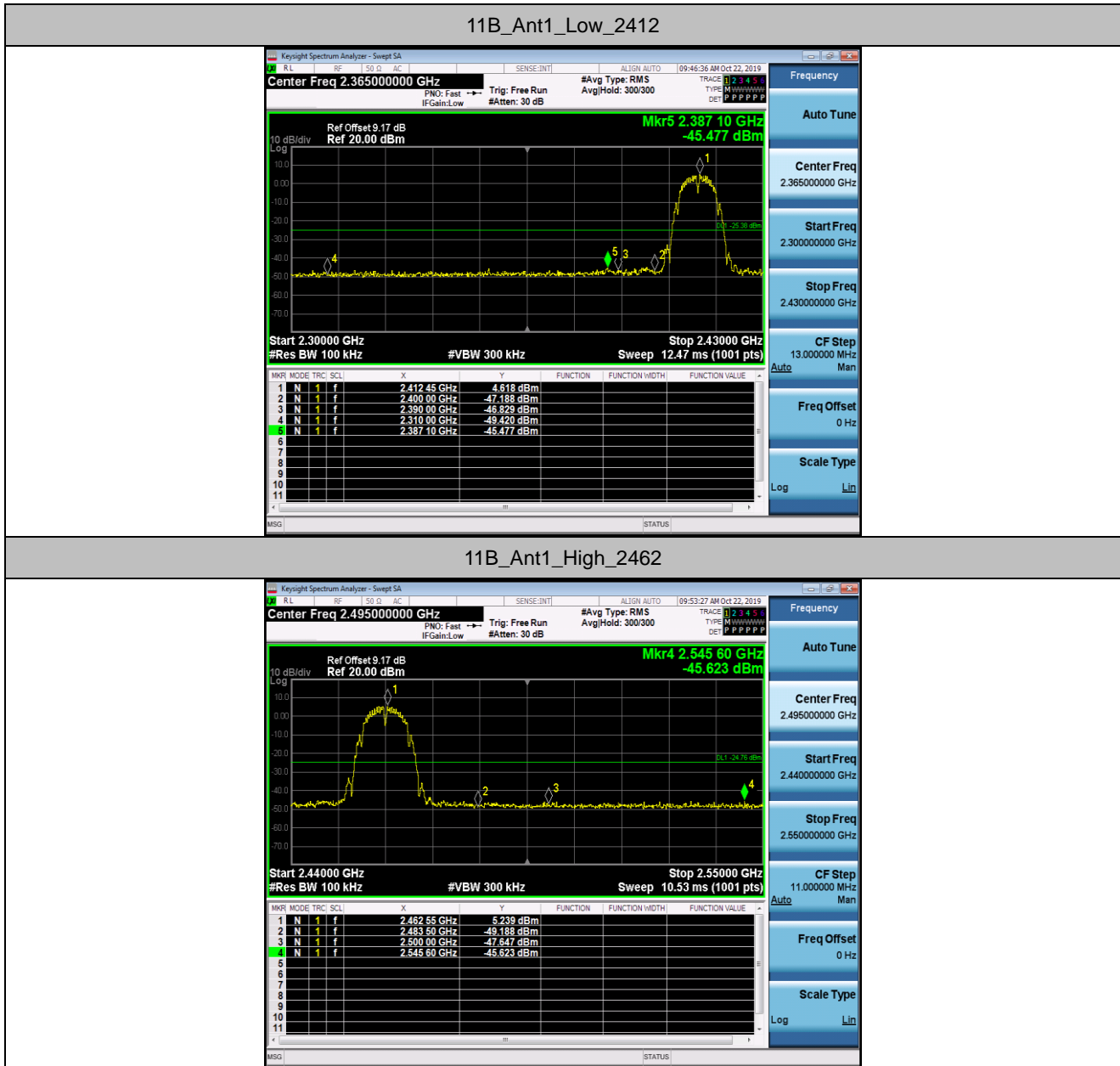


Appendix F: Band edge measurements

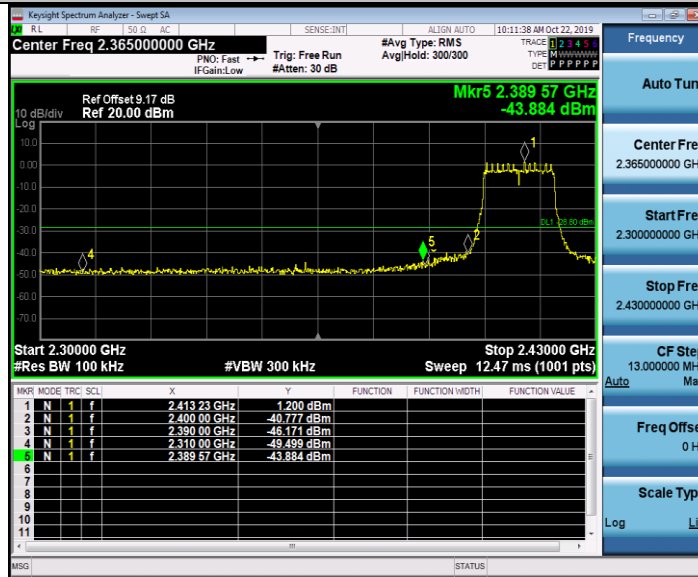
Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.62	-45.48	<=-25.38	PASS
		High	2462	5.24	-45.62	<=-24.76	PASS
11G	Ant1	Low	2412	1.20	-43.88	<=-28.8	PASS
		High	2462	0.92	-45.64	<=-29.08	PASS
11N20SISO	Ant1	Low	2412	0.86	-43.21	<=-29.14	PASS
		High	2462	1.13	-46.08	<=-28.87	PASS

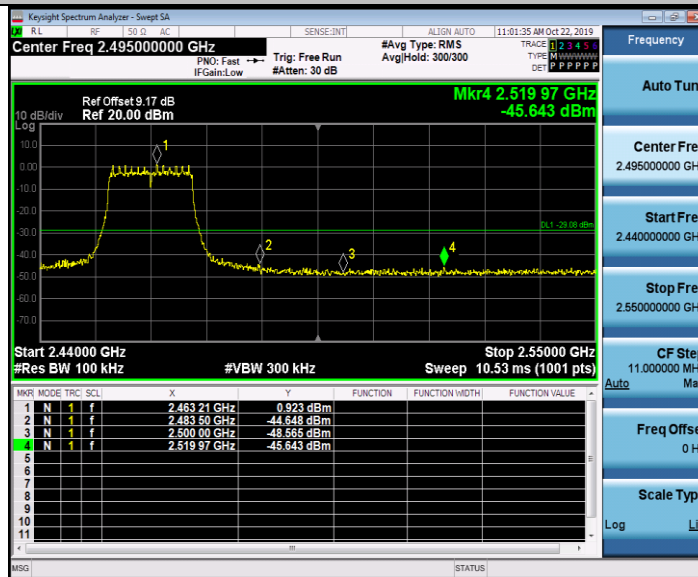
Test Graphs



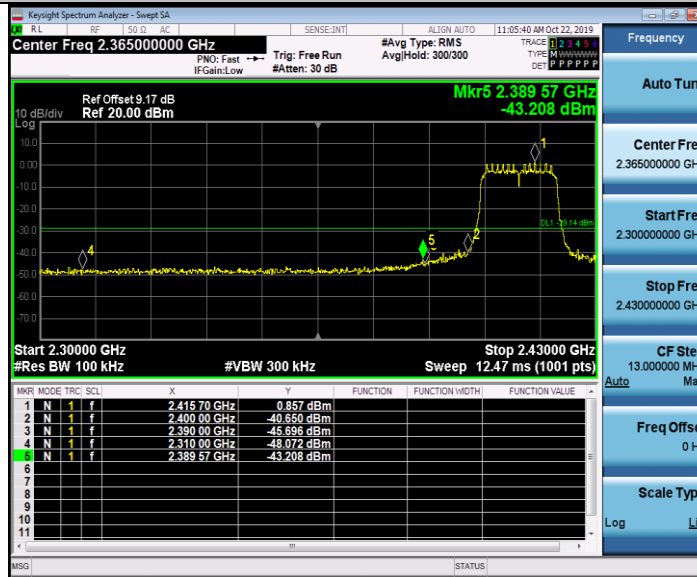
11G_Ant1_Low_2412



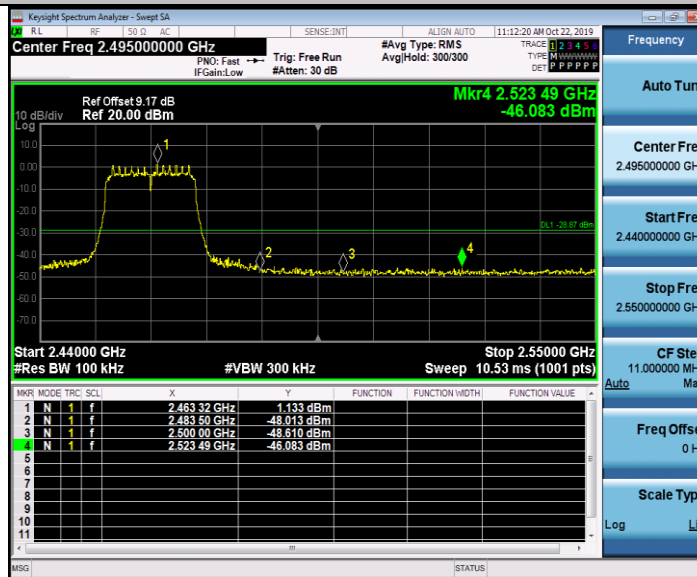
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462

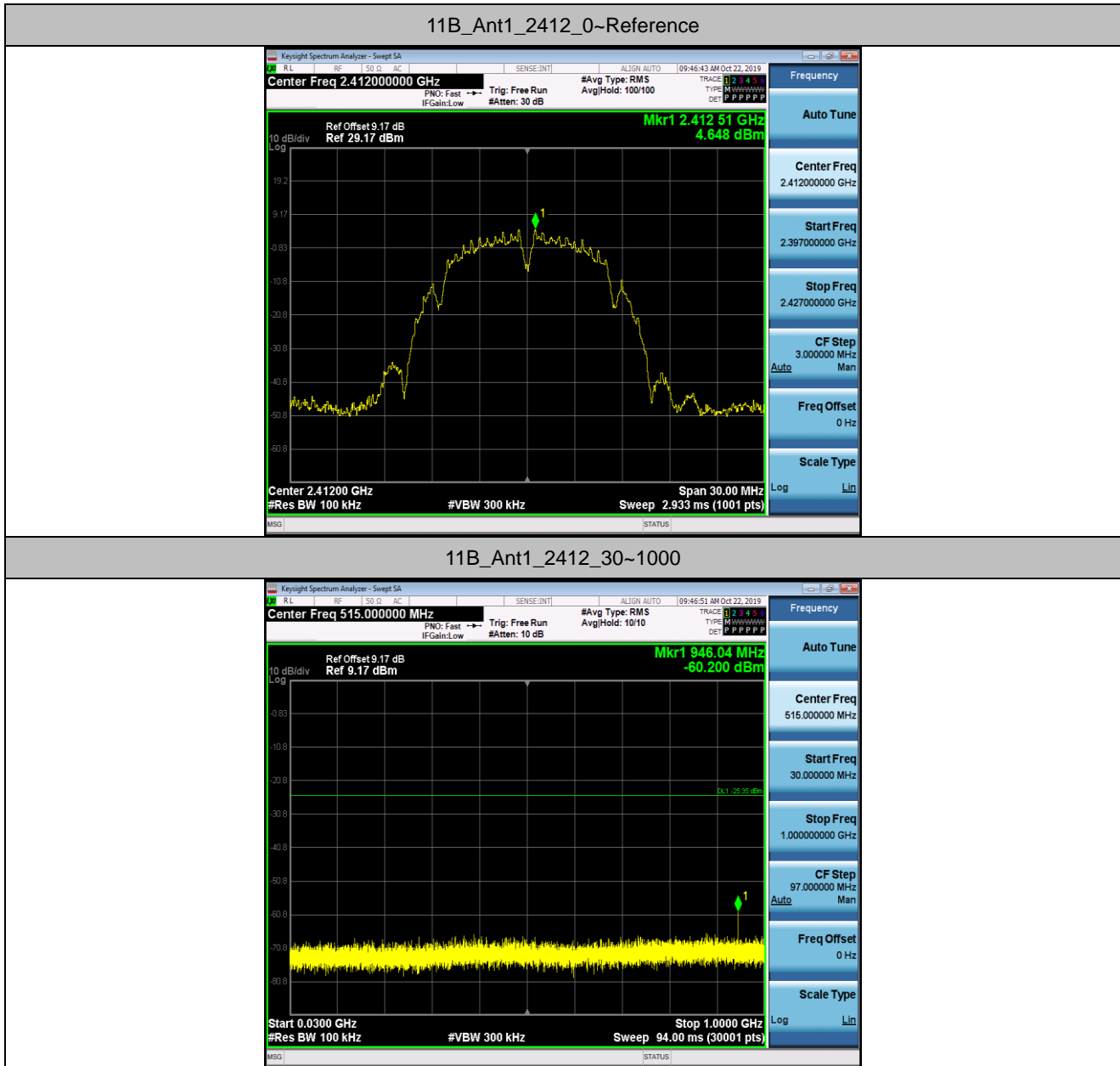


Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.65	4.65	---	PASS
			30~1000	30~1000	-60.2	<=-25.352	PASS
			1000~26500	1000~26500	-48.255	<=-25.352	PASS
		2437	Reference	4.92	4.92	---	PASS
			30~1000	30~1000	-61.147	<=-25.077	PASS
			1000~26500	1000~26500	-48.05	<=-25.077	PASS
		2462	Reference	4.78	4.78	---	PASS
			30~1000	30~1000	-62.751	<=-25.217	PASS
			1000~26500	1000~26500	-47.875	<=-25.217	PASS
11G	Ant1	2412	Reference	0.87	0.87	---	PASS
			30~1000	30~1000	-59.806	<=-29.132	PASS
			1000~26500	1000~26500	-48.087	<=-29.132	PASS
		2437	Reference	1.07	1.07	---	PASS
			30~1000	30~1000	-62.016	<=-28.935	PASS
			1000~26500	1000~26500	-47.099	<=-28.935	PASS
		2462	Reference	0.54	0.54	---	PASS
			30~1000	30~1000	-64.586	<=-29.459	PASS
			1000~26500	1000~26500	-47.826	<=-29.459	PASS
11N20SISO	Ant1	2412	Reference	0.78	0.78	---	PASS
			30~1000	30~1000	-60.305	<=-29.216	PASS
			1000~26500	1000~26500	-46.484	<=-29.216	PASS
		2437	Reference	1.26	1.26	---	PASS
			30~1000	30~1000	-60.445	<=-28.737	PASS
			1000~26500	1000~26500	-47.397	<=-28.737	PASS
		2462	Reference	0.83	0.83	---	PASS
			30~1000	30~1000	-58.924	<=-29.166	PASS
			1000~26500	1000~26500	-47.285	<=-29.166	PASS

Test Graphs



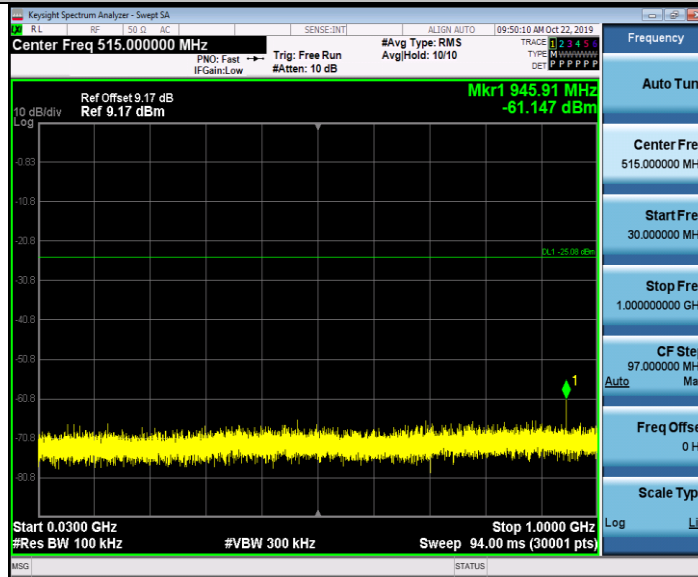
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



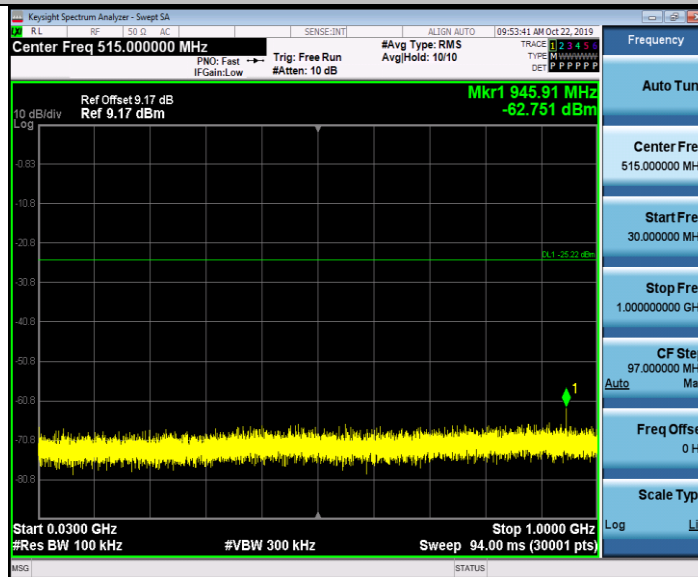
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



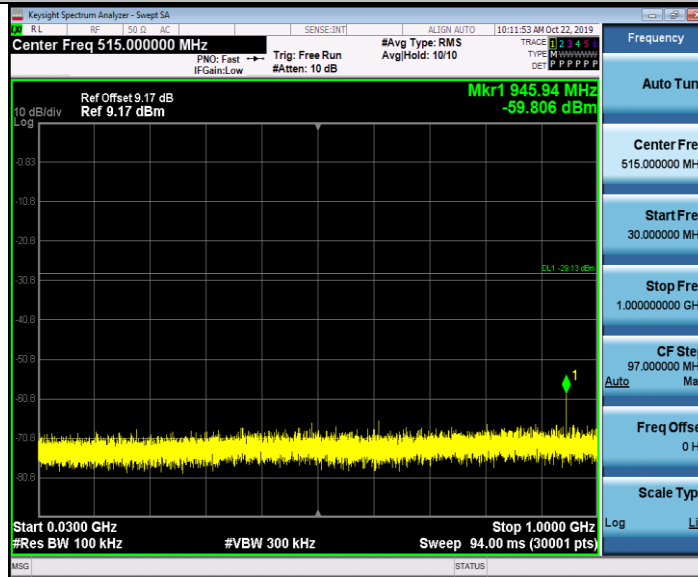
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



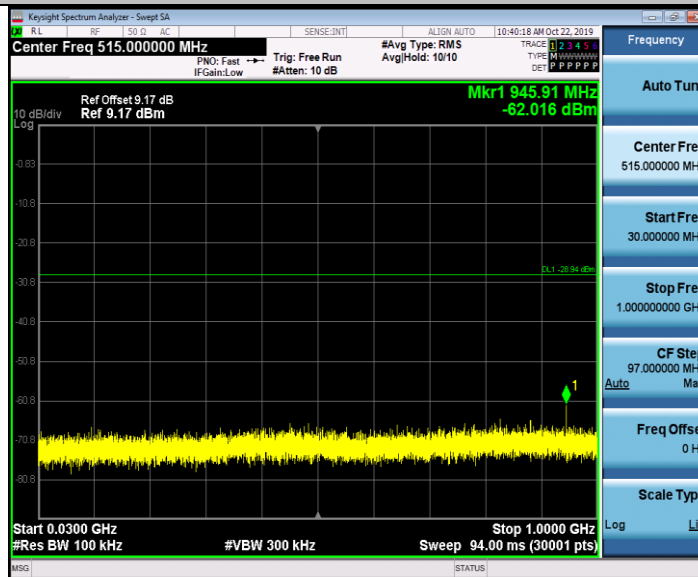
11G_Ant1_2412_1000~26500



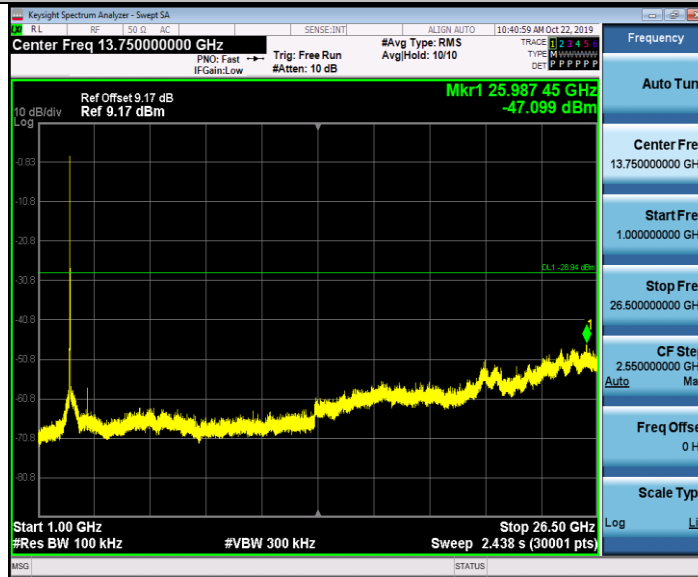
11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



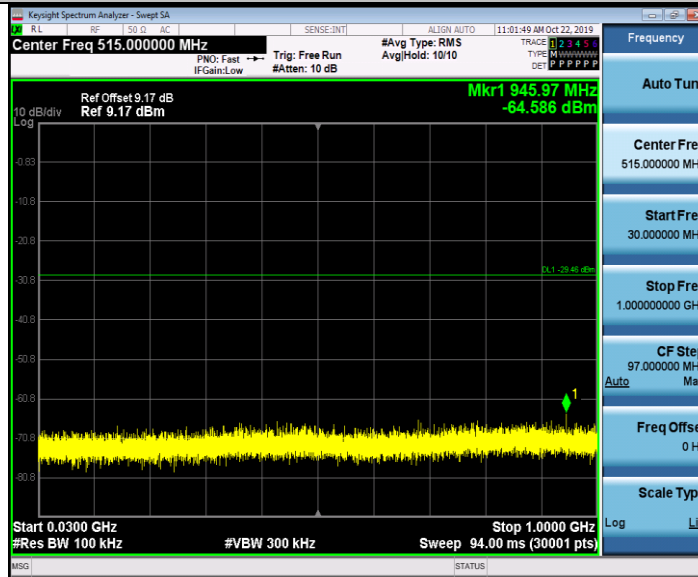
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



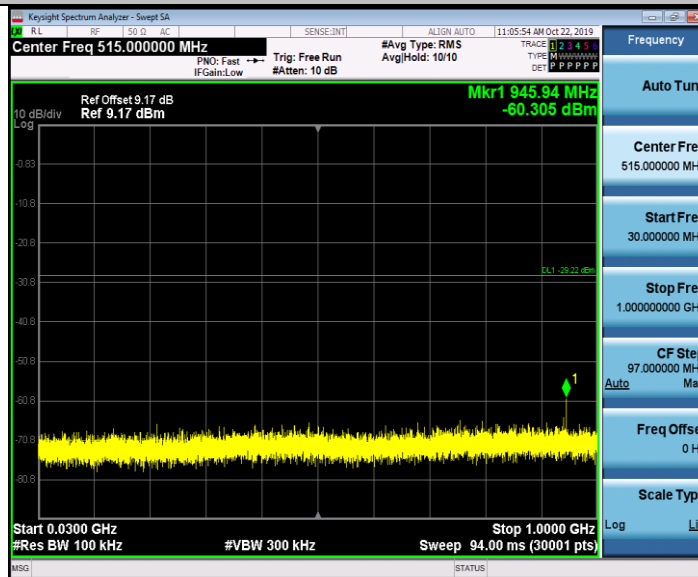
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



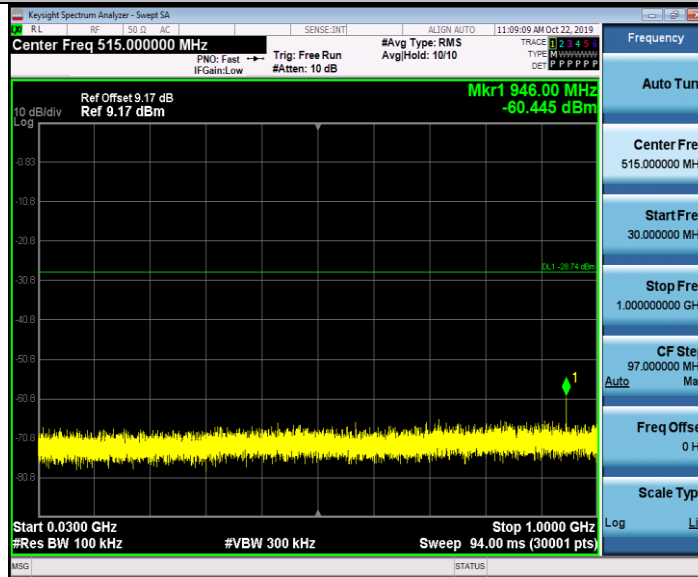
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000

