



Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	99.29	0.03	16.21	<=30	PASS
		2437	99.32	0.03	15.43	<=30	PASS
		2462	99.32	0.03	15.49	<=30	PASS
11G	Ant1	2412	96.15	0.17	13.79	<=30	PASS
		2437	96.15	0.17	13.84	<=30	PASS
		2462	96.15	0.17	13.89	<=30	PASS
11N20SISO	Ant1	2412	95.89	0.18	13.36	<=30	PASS
		2437	95.80	0.19	13.38	<=30	PASS
		2462	95.80	0.19	13.46	<=30	PASS
11N40SISO	Ant1	2422	91.88	0.37	12.58	<=30	PASS
		2437	92.07	0.36	12.65	<=30	PASS
		2452	90.71	0.42	12.66	<=30	PASS

Test Graphs



11B_Ant1_2462

11G_Ant1_2412










Appendix D: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.19	8.25	99.29
		2437	8.19	8.25	99.32
		2462	8.19	8.25	99.32
11G	Ant1	2412	1.36	1.41	96.15
		2437	1.36	1.41	96.15
		2462	1.36	1.41	96.15
11N20SISO	Ant1	2412	1.27	1.33	95.89
		2437	1.27	1.33	95.80
		2462	1.27	1.33	95.80
11N40SISO	Ant1	2422	0.63	0.69	91.88
		2437	0.63	0.69	92.07
		2452	0.63	0.69	91.90

Test Graphs













Appendix E: Maximum power spectral density

Test Result

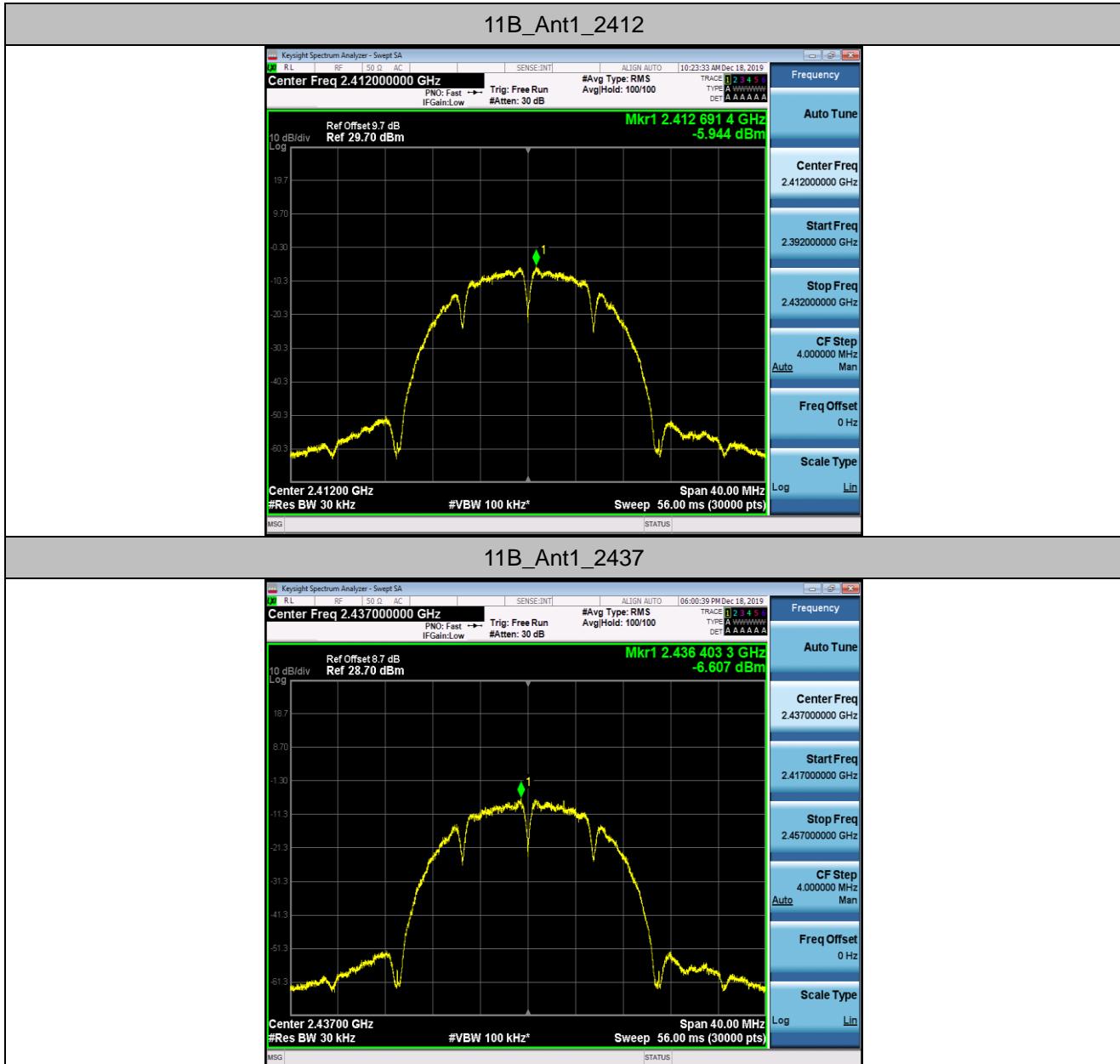
TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	99.29	0.03	-5.94	-15.94	<=8	PASS
		2437	99.32	0.03	-6.61	-16.61	<=8	PASS
		2462	99.32	0.03	-7.05	-17.05	<=8	PASS
11G	Ant1	2412	96.15	0.17	-9.82	-19.82	<=8	PASS
		2437	96.15	0.17	-10.15	-20.15	<=8	PASS
		2462	96.15	0.17	-9.75	-19.75	<=8	PASS
11N20SISO	Ant1	2412	95.89	0.18	-10.35	-20.35	<=8	PASS
		2437	95.80	0.19	-10.63	-20.63	<=8	PASS
		2462	95.80	0.19	-10.21	-20.21	<=8	PASS
11N40SISO	Ant1	2422	91.88	0.37	-12.9	-22.9	<=8	PASS
		2437	92.07	0.36	-12.79	-22.79	<=8	PASS
		2452	90.71	0.42	-15.79	-25.79	<=8	PASS

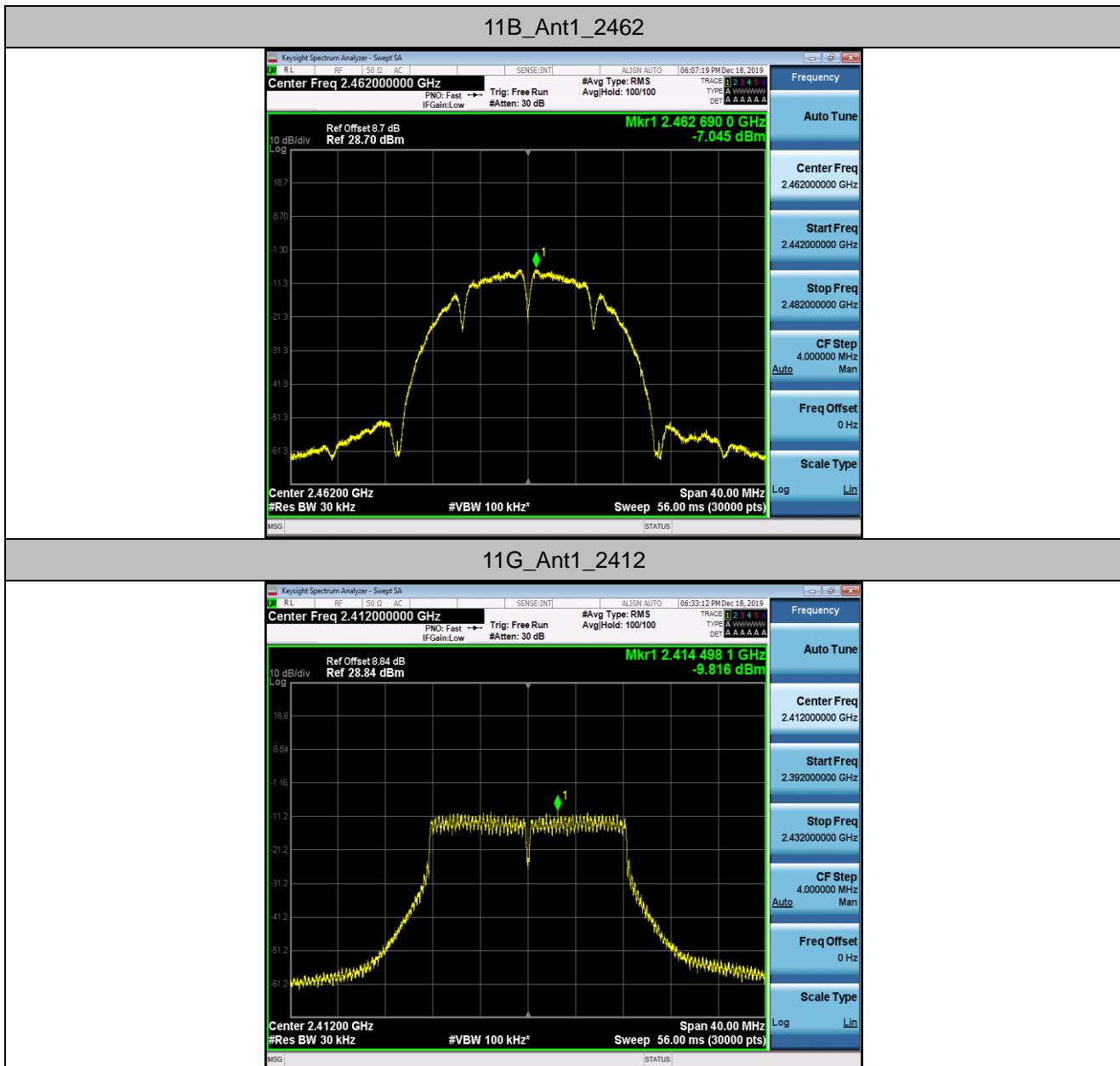
Note:

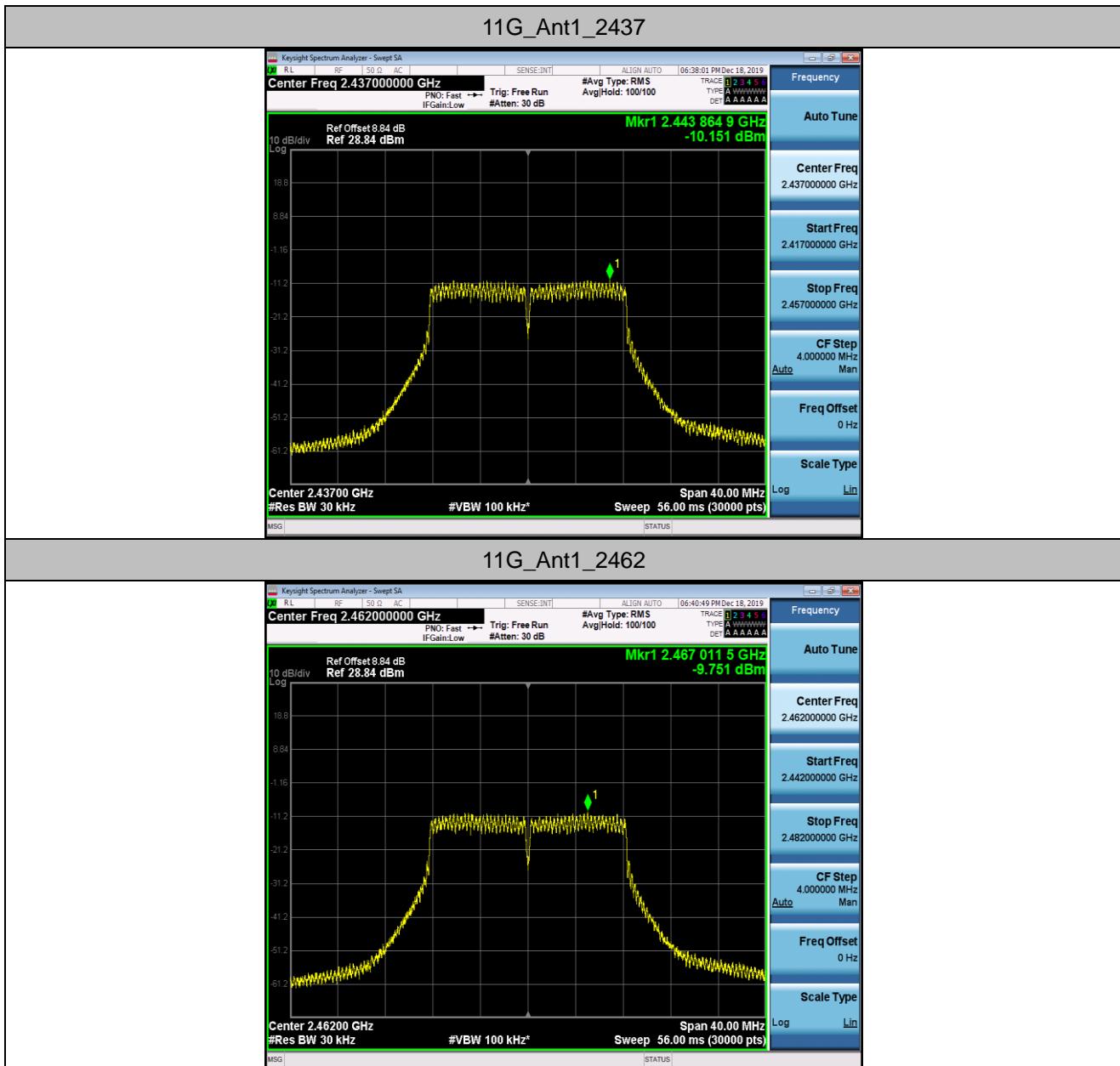
calculating the RBW=3kHz value

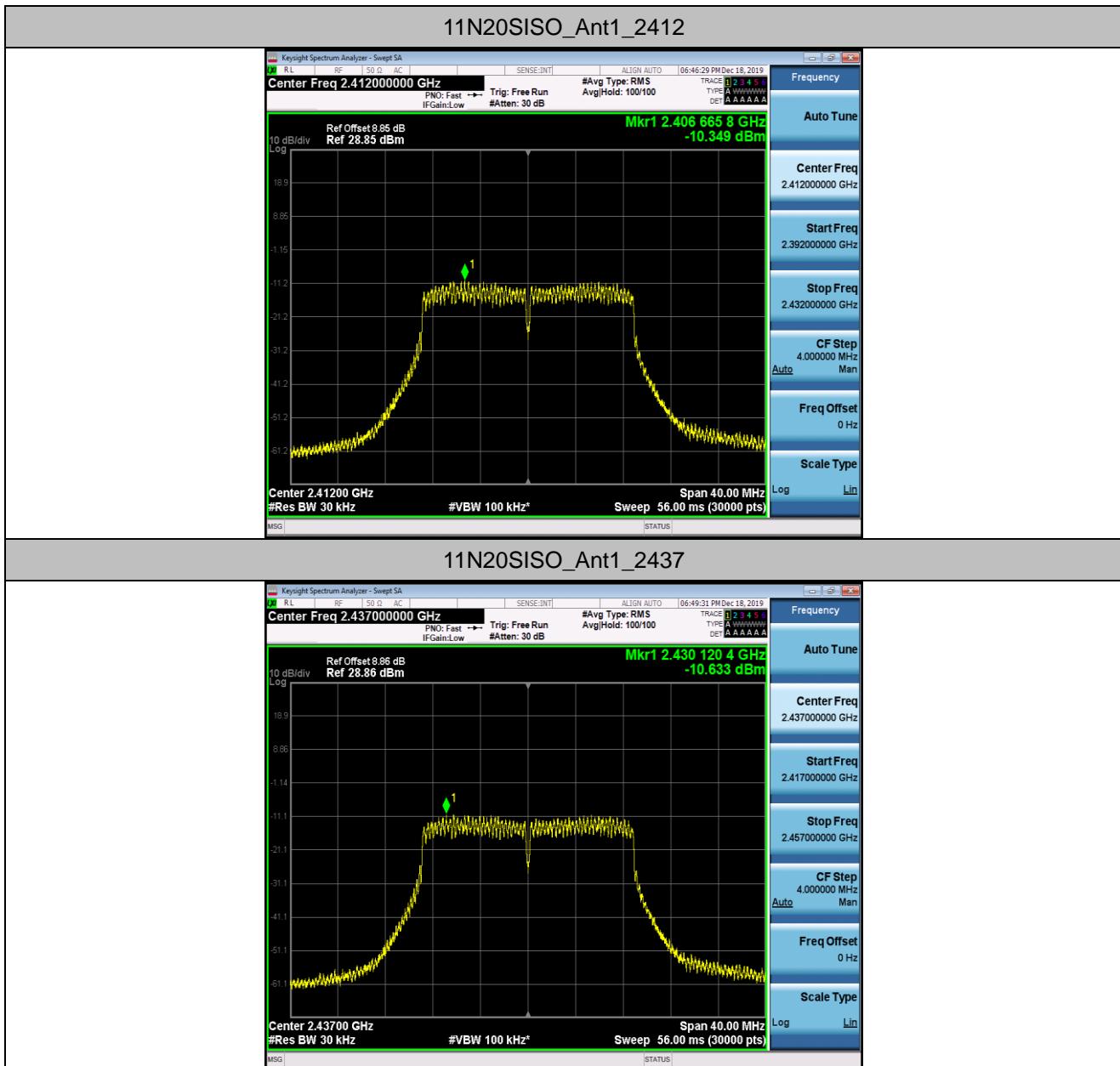
-5.94 (AV.PSD At RBW=30kHz)-10*log(30/3)=-15.94(AV.PSD At RBW=3kHz)

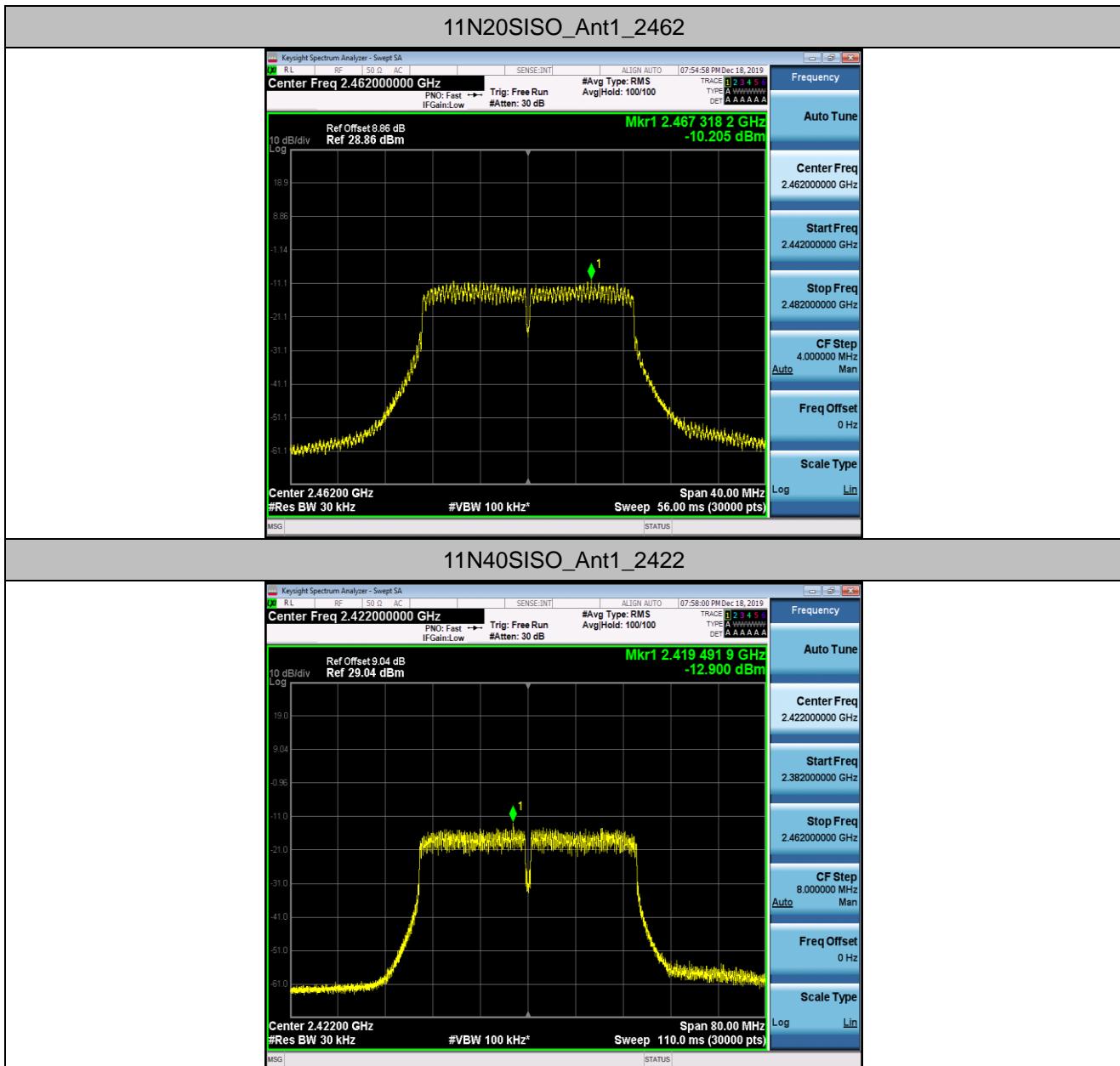
Test Graphs

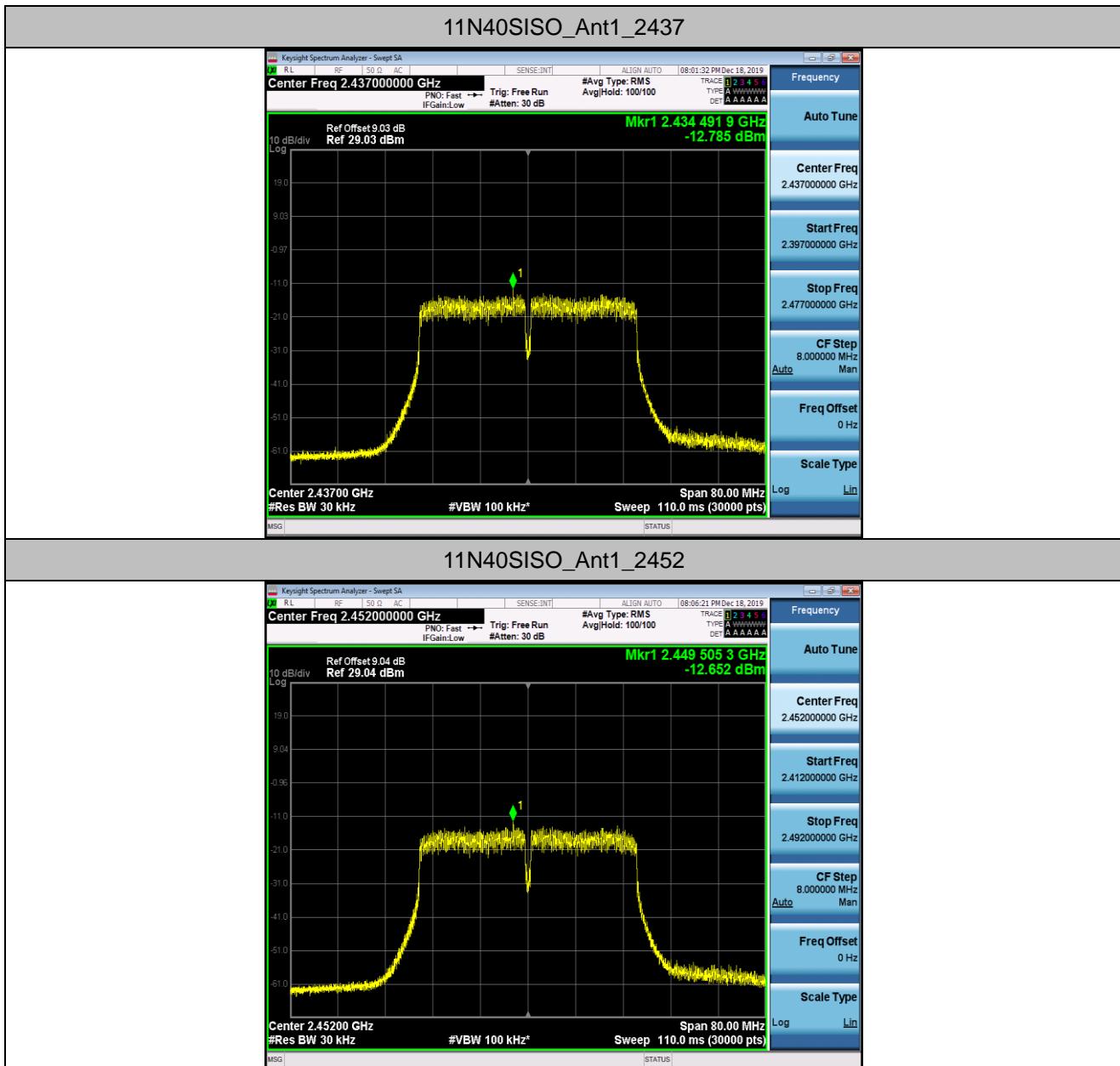












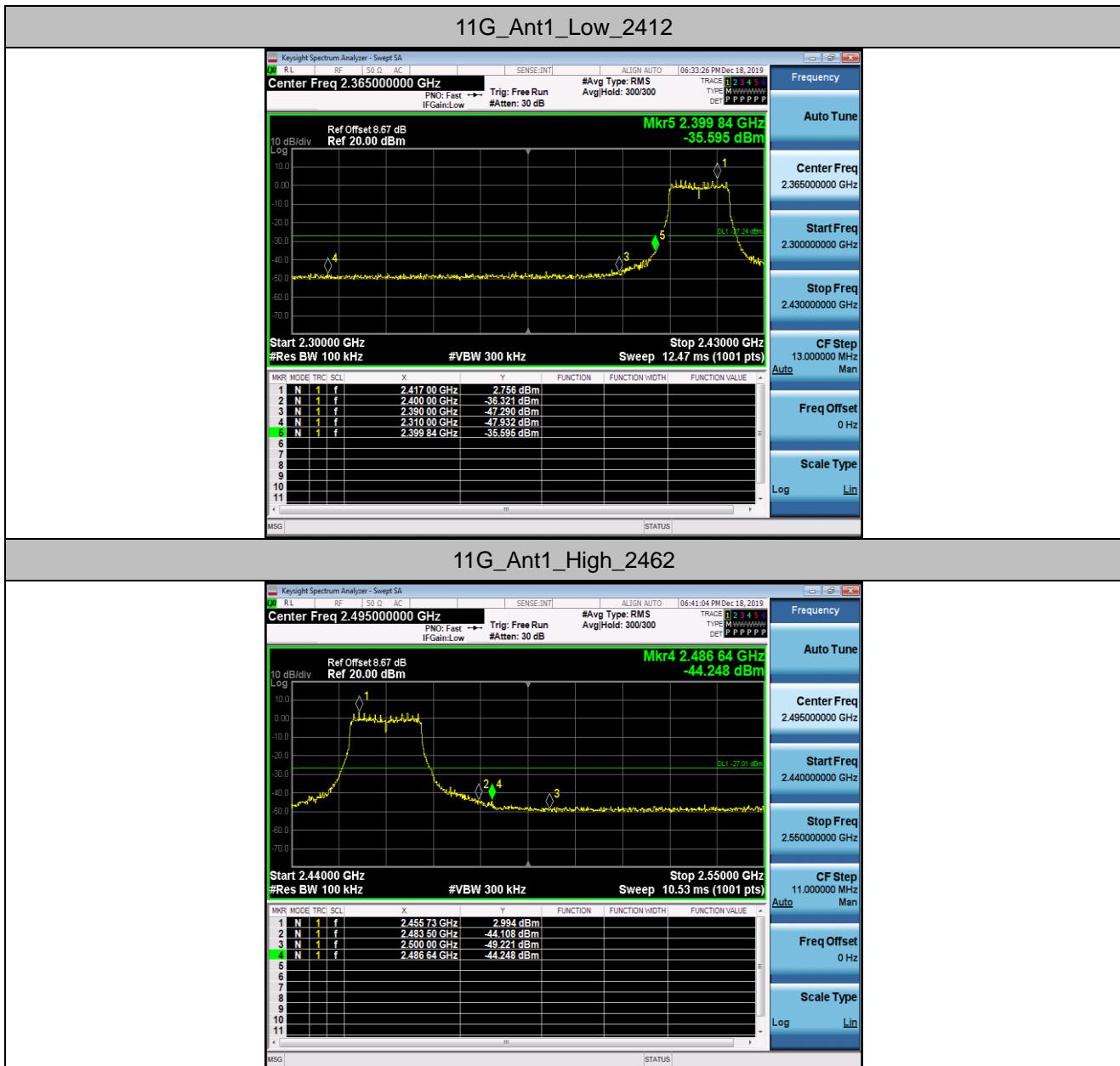
Appendix F: Band edge measurements

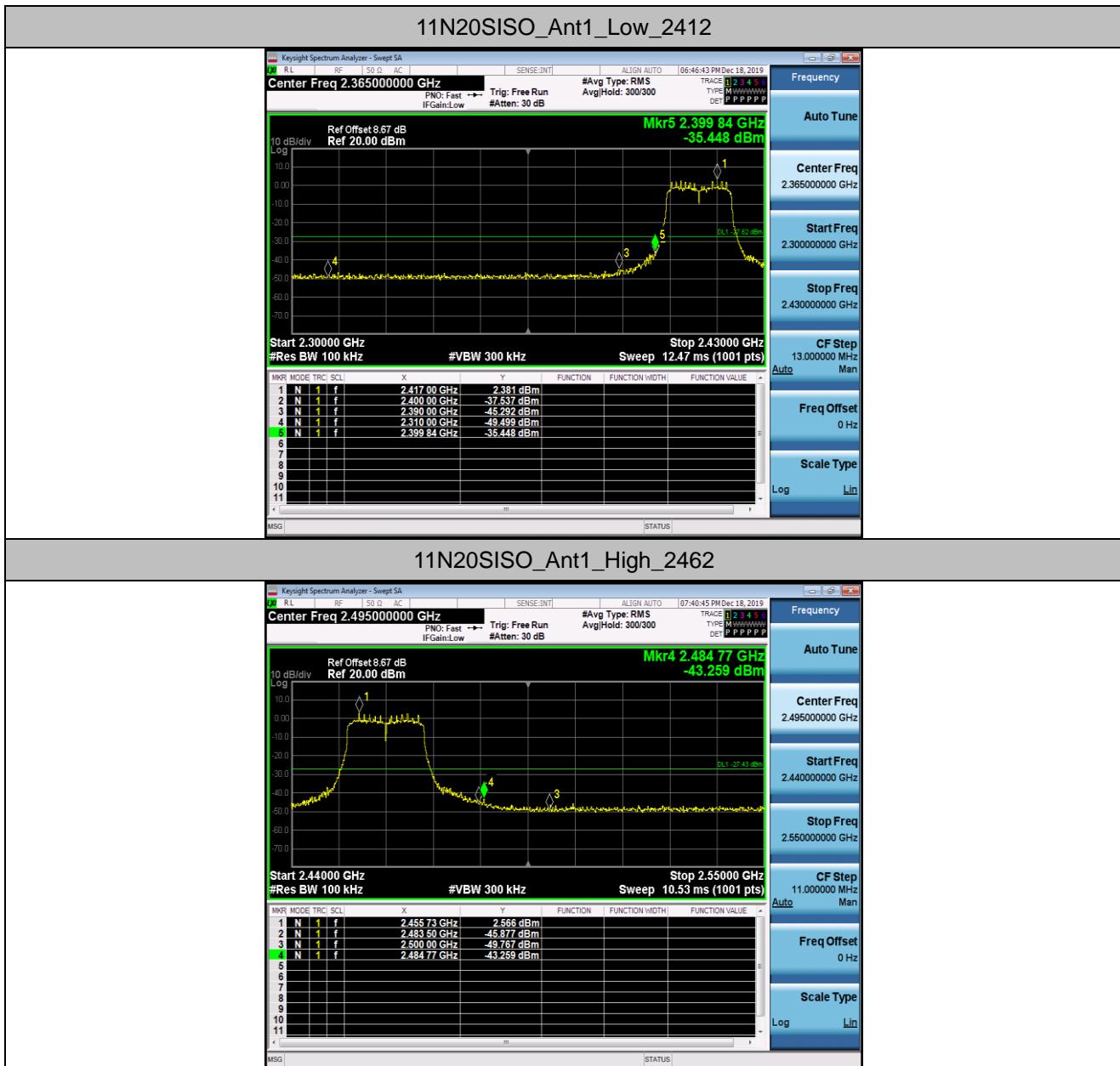
Test Result

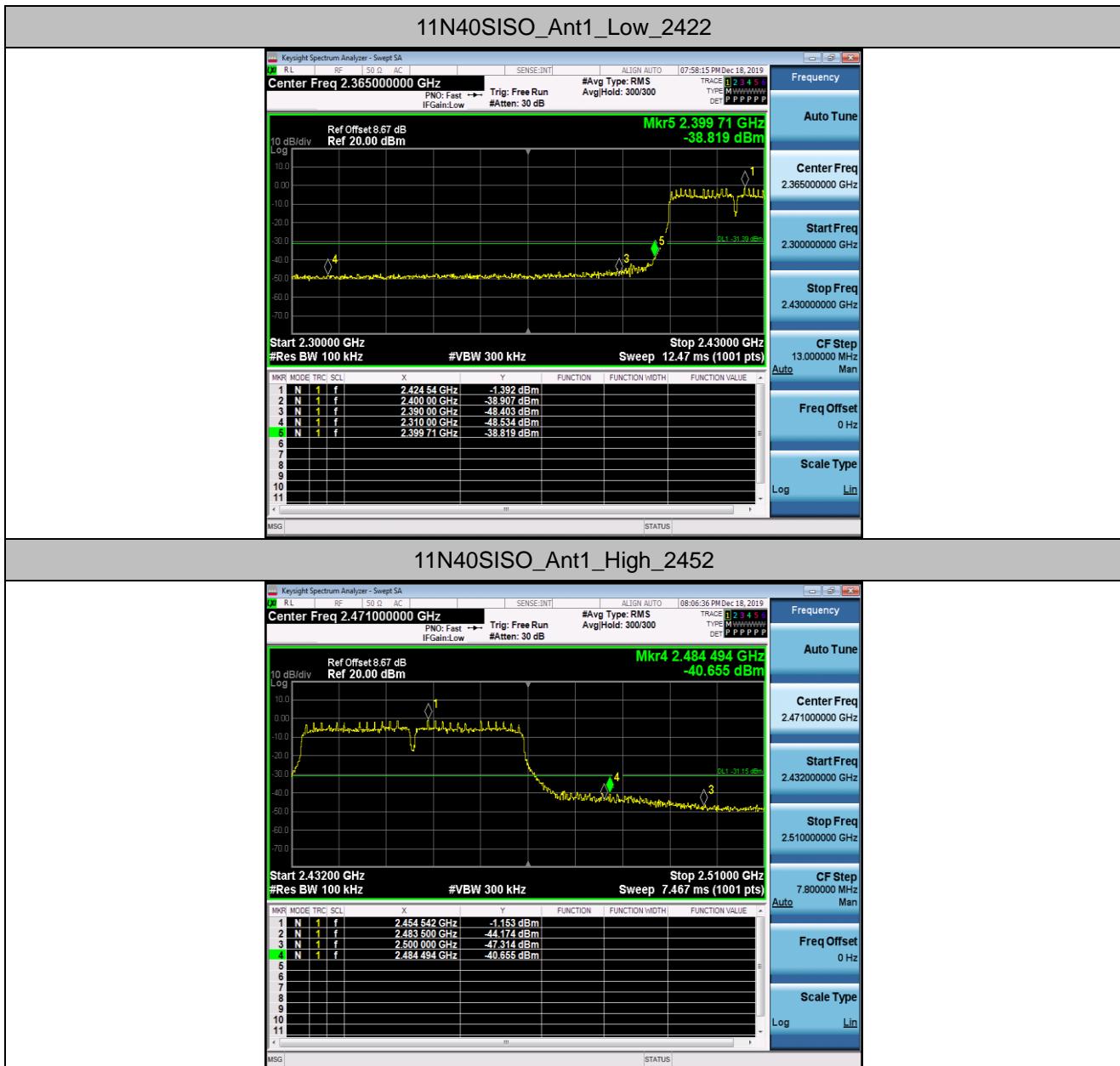
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.68	-37.23	<=-23.32	PASS
		High	2462	6.54	-45.86	<=-23.46	PASS
11G	Ant1	Low	2412	2.76	-35.6	<=-27.24	PASS
		High	2462	2.99	-44.25	<=-27.01	PASS
11N20SISO	Ant1	Low	2412	2.38	-35.45	<=-27.62	PASS
		High	2462	2.57	-43.26	<=-27.43	PASS
11N40SISO	Ant1	Low	2422	-1.39	-38.82	<=-31.39	PASS
		High	2452	-1.15	-40.66	<=-31.15	PASS

Test Graphs









Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.64	6.64	---	PASS
			30~1000	30~1000	-65.787	<=-23.361	PASS
			1000~26500	1000~26500	-46.867	<=-23.361	PASS
		2437	Reference	5.81	5.81	---	PASS
			30~1000	30~1000	-66.577	<=-24.188	PASS
			1000~26500	1000~26500	-48.079	<=-24.188	PASS
		2462	Reference	6.05	6.05	---	PASS
			30~1000	30~1000	-66.163	<=-23.95	PASS
			1000~26500	1000~26500	-48.191	<=-23.95	PASS
11G	Ant1	2412	Reference	2.37	2.37	---	PASS
			30~1000	30~1000	-66.004	<=-27.632	PASS
			1000~26500	1000~26500	-47.514	<=-27.632	PASS
		2437	Reference	2.57	2.57	---	PASS
			30~1000	30~1000	-65.388	<=-27.43	PASS
			1000~26500	1000~26500	-47.278	<=-27.43	PASS
		2462	Reference	2.47	2.47	---	PASS
			30~1000	30~1000	-66.508	<=-27.531	PASS
			1000~26500	1000~26500	-48.57	<=-27.531	PASS
11N20SISO	Ant1	2412	Reference	2.37	2.37	---	PASS
			30~1000	30~1000	-66.528	<=-27.626	PASS
			1000~26500	1000~26500	-48.028	<=-27.626	PASS
		2437	Reference	2.03	2.03	---	PASS
			30~1000	30~1000	-66.391	<=-27.969	PASS
			1000~26500	1000~26500	-48.243	<=-27.969	PASS
		2462	Reference	2.49	2.49	---	PASS
			30~1000	30~1000	-66.2	<=-27.51	PASS
			1000~26500	1000~26500	-48.598	<=-27.51	PASS
11N40SISO	Ant1	2422	Reference	0.06	0.06	---	PASS
			30~1000	30~1000	-67.416	<=-29.943	PASS
			1000~26500	1000~26500	-49.785	<=-29.943	PASS



			Reference	1.77	1.77	---	PASS
		2437	30~1000	30~1000	-67.365	<=-28.235	PASS
			1000~26500	1000~26500	-48.654	<=-28.235	PASS
		2452	Reference	-0.41	-0.41	---	PASS
			30~1000	30~1000	-67.445	<=-30.406	PASS
			1000~26500	1000~26500	-49.441	<=-30.406	PASS

Test Graphs

