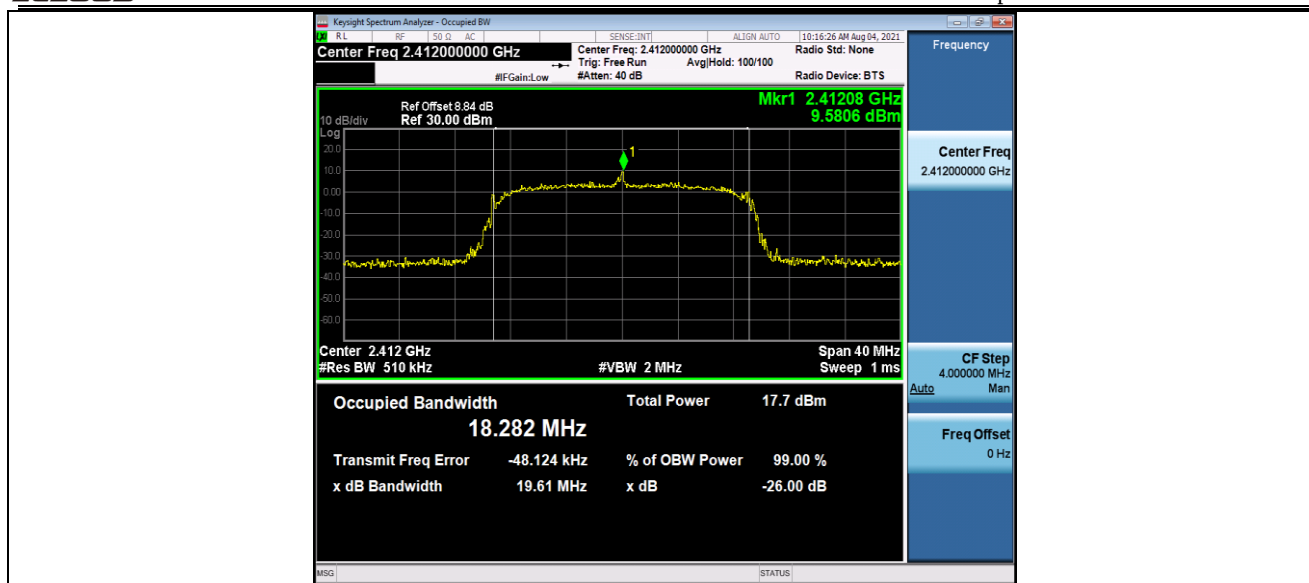
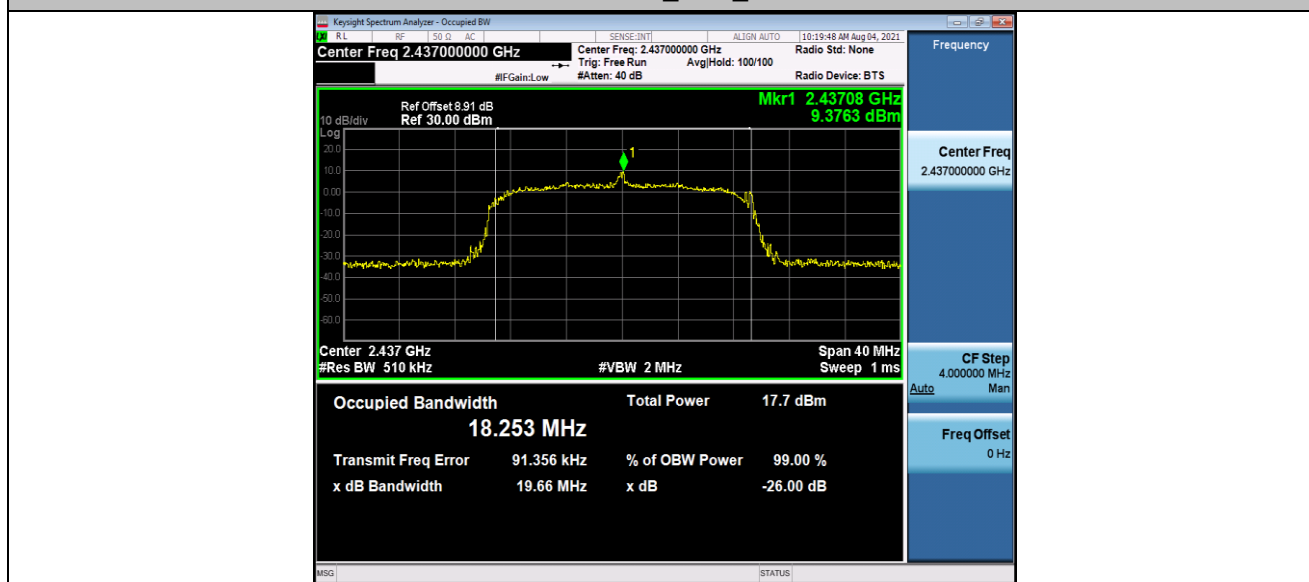
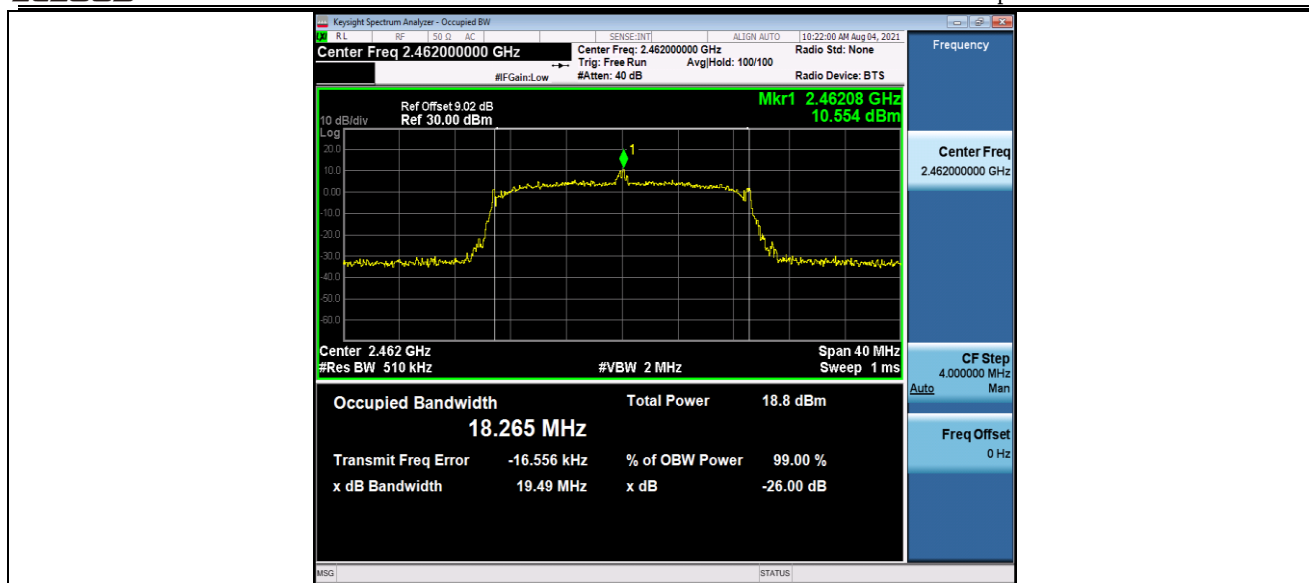




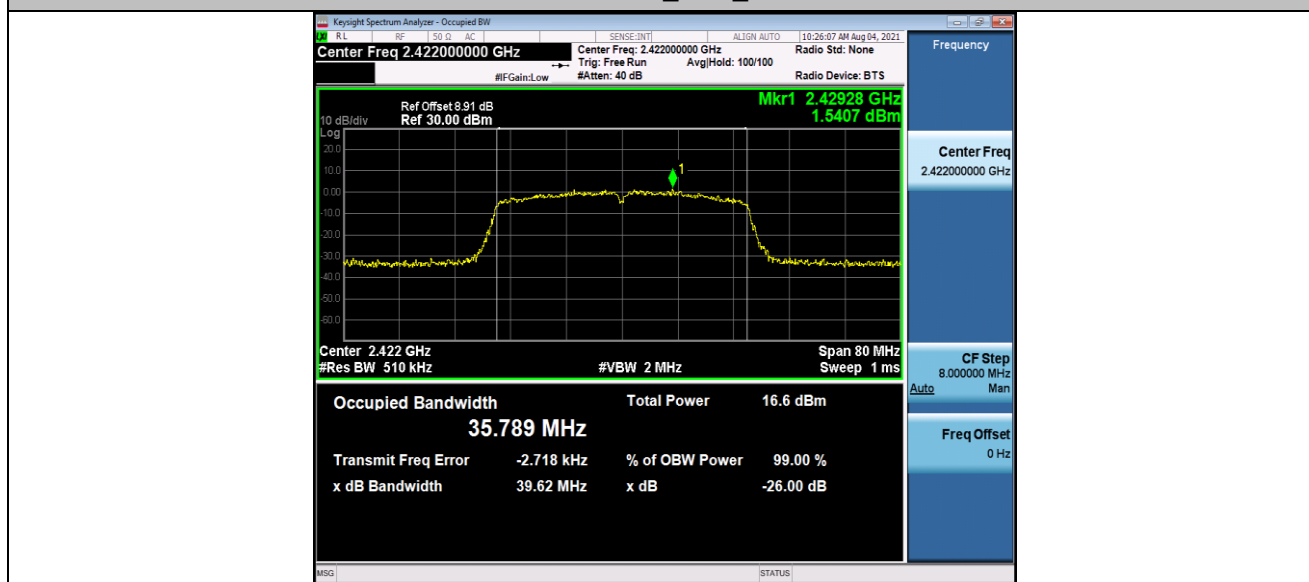
11N20SISO_Ant1_2412



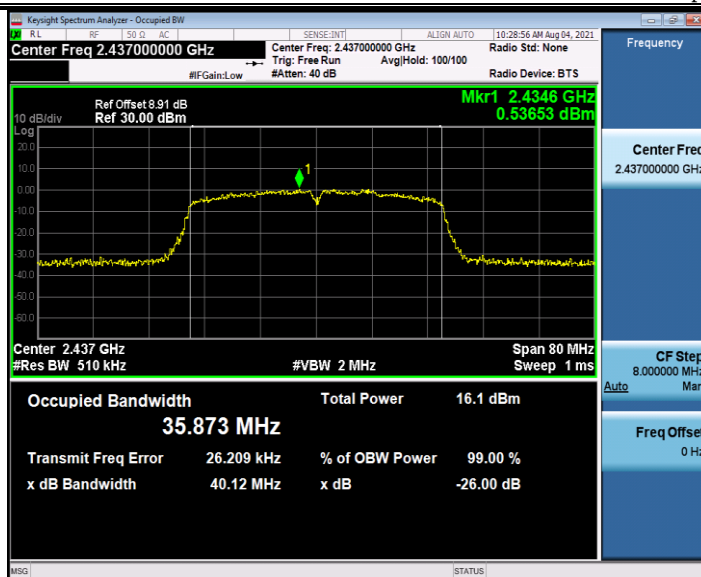
11N20SISO_Ant1_2437



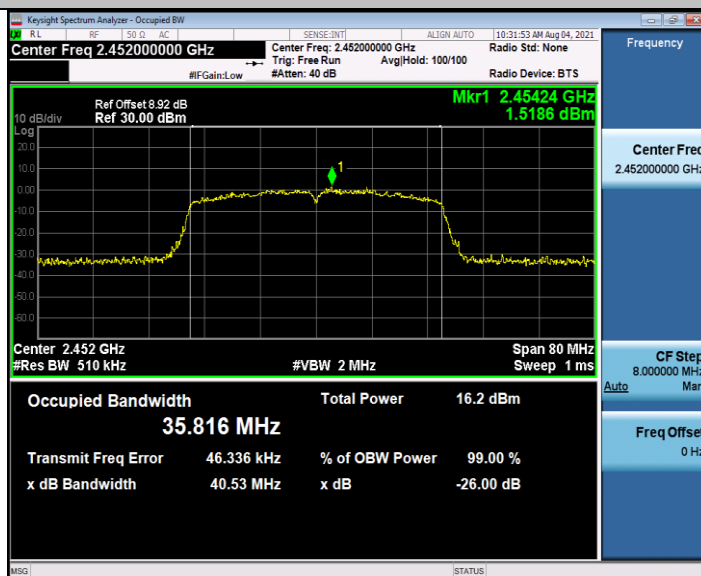
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



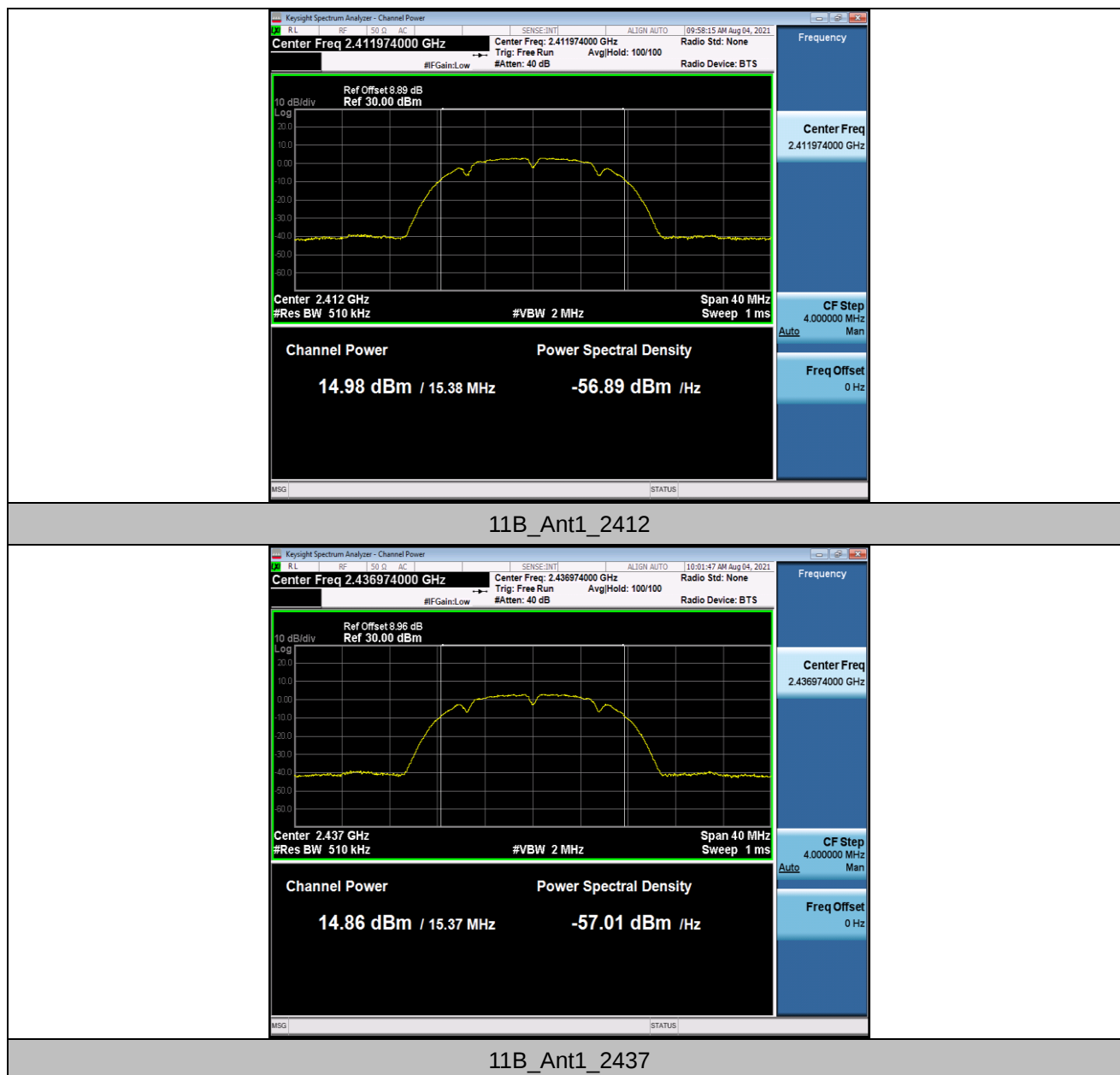
11N40SISO_Ant1_2452

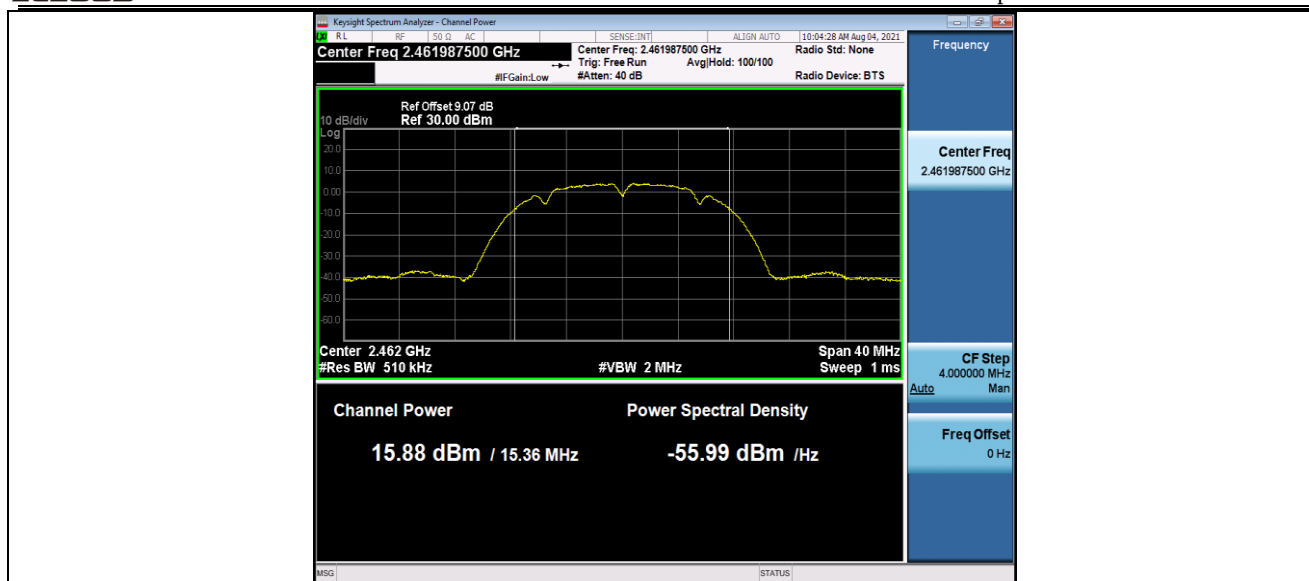
Appendix C: Maximum conducted output power & E.I.R.P.

Test Result

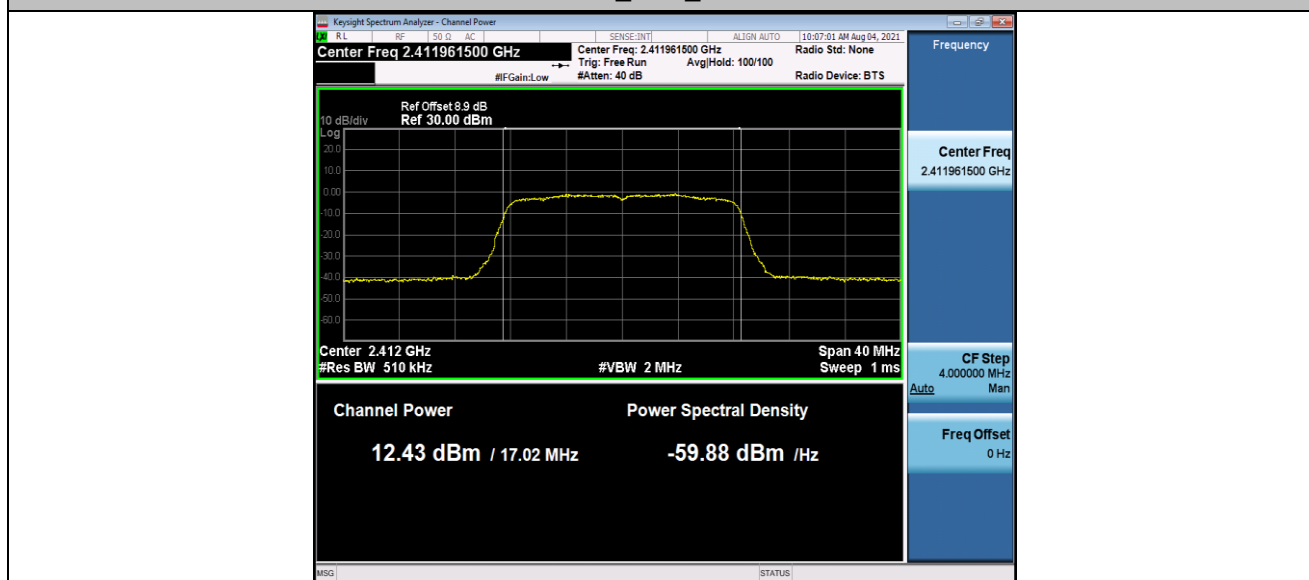
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Antenna Gain(dBi)	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	14.98	<=30	0.5	15.48	36.02	PASS
		2437	14.86	<=30	0.5	15.36	36.02	PASS
		2462	15.88	<=30	0.5	16.38	36.02	PASS
11G	Ant1	2412	12.43	<=30	0.5	12.93	36.02	PASS
		2437	12.36	<=30	0.5	12.86	36.02	PASS
		2462	13.34	<=30	0.5	13.84	36.02	PASS
11N20SISO	Ant1	2412	11.28	<=30	0.5	11.78	36.02	PASS
		2437	11.15	<=30	0.5	11.65	36.02	PASS
		2462	12.22	<=30	0.5	12.72	36.02	PASS
11N40SISO	Ant1	2422	10.33	<=30	0.5	10.83	36.02	PASS
		2437	9.90	<=30	0.5	10.4	36.02	PASS
		2452	9.98	<=30	0.5	10.48	36.02	PASS

Test Graphs

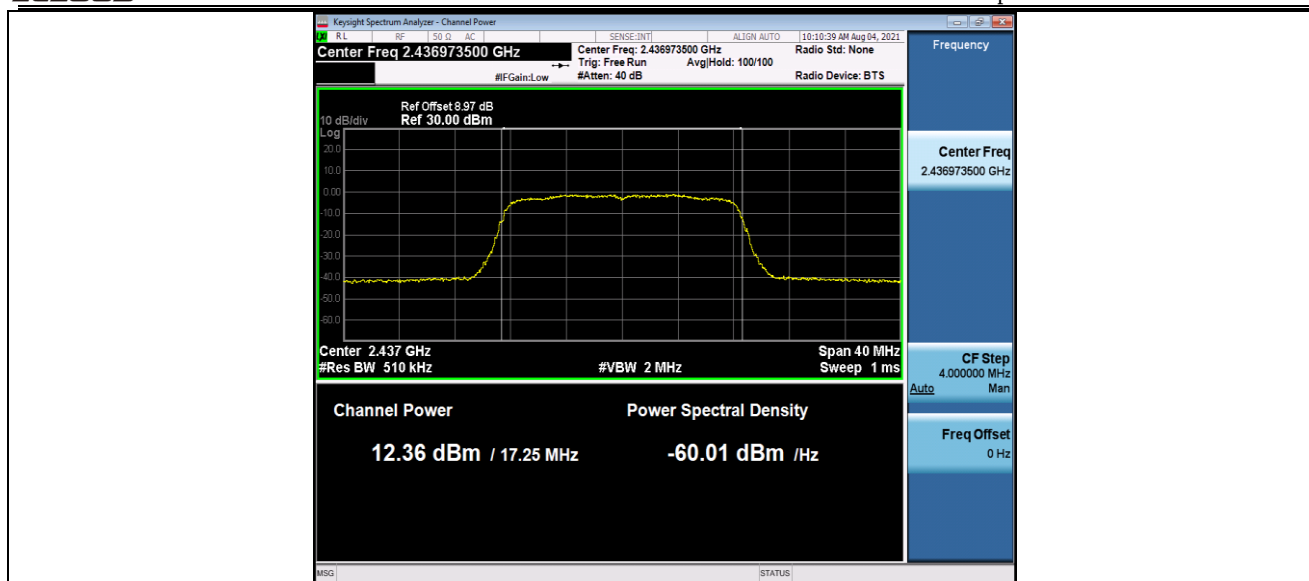




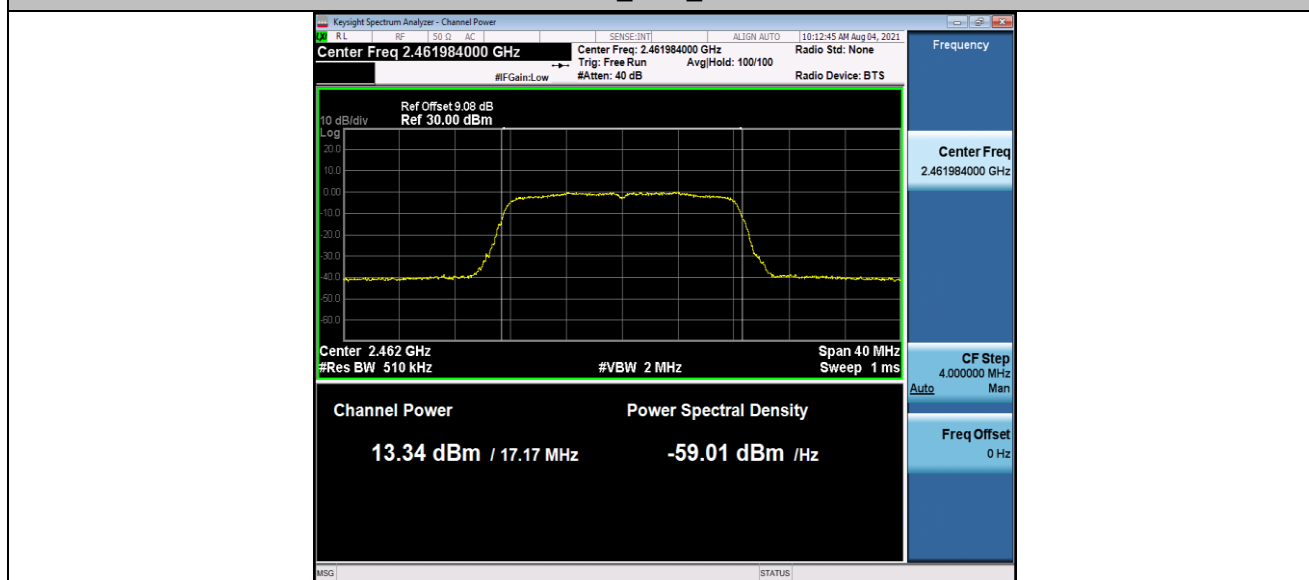
11B_Ant1_2462



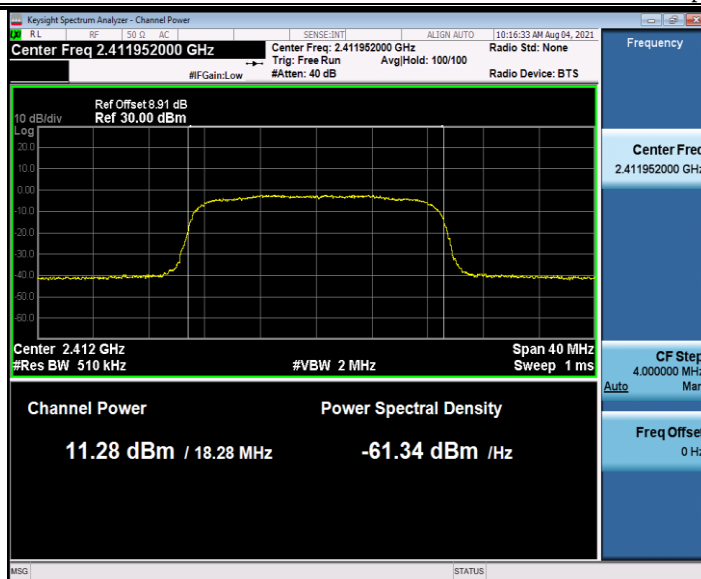
11G_Ant1_2412



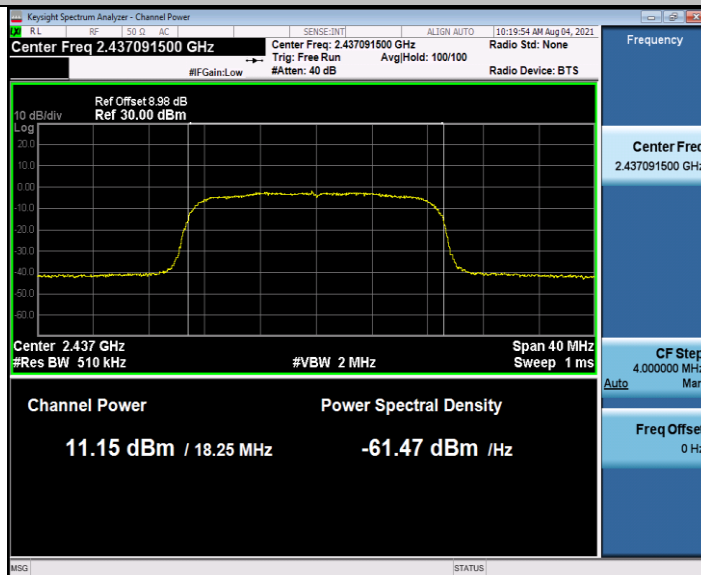
11G_Ant1_2437



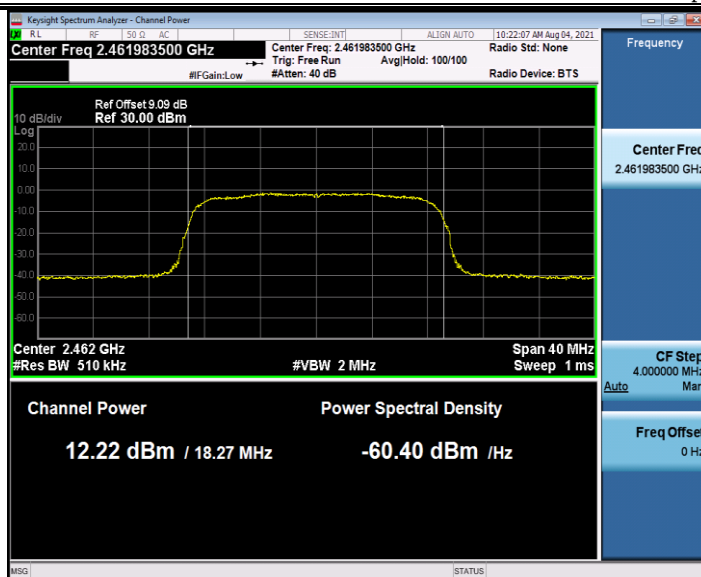
11G_Ant1_2462



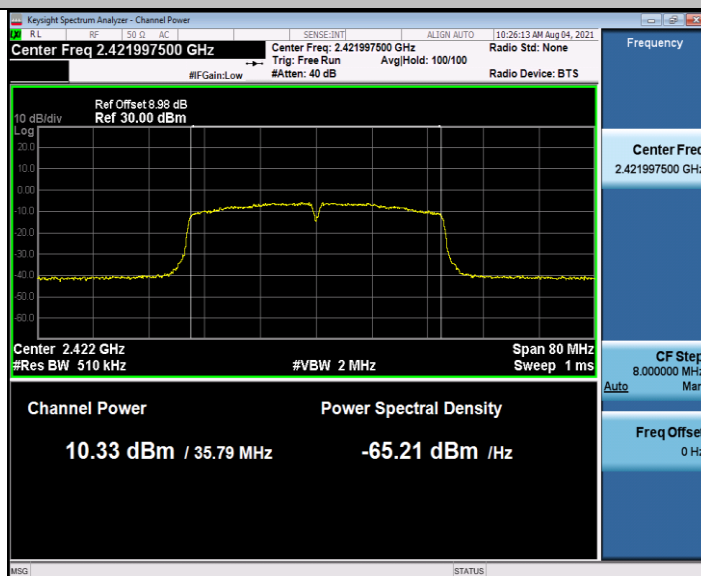
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



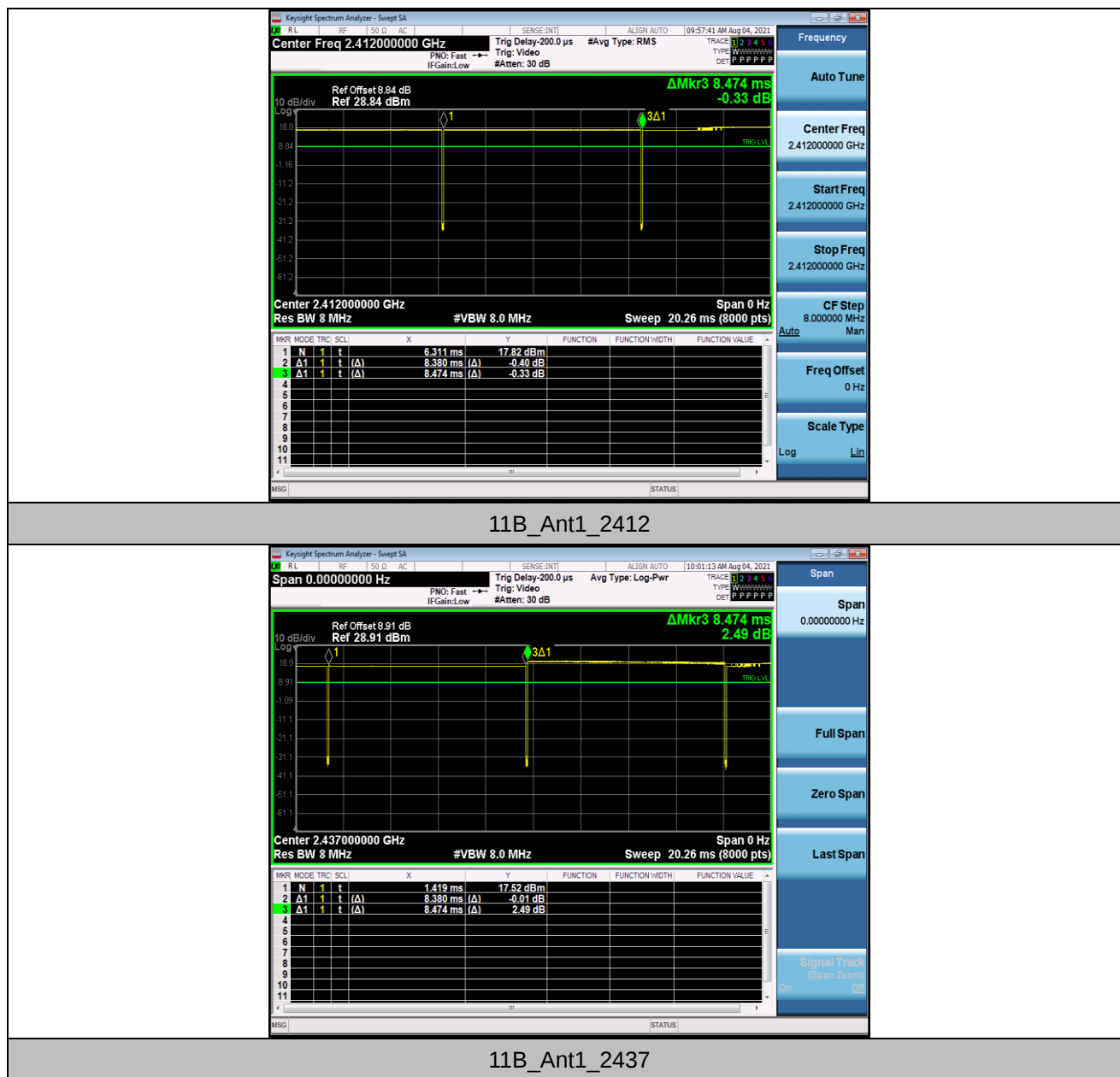
11N40SISO_Ant1_2452

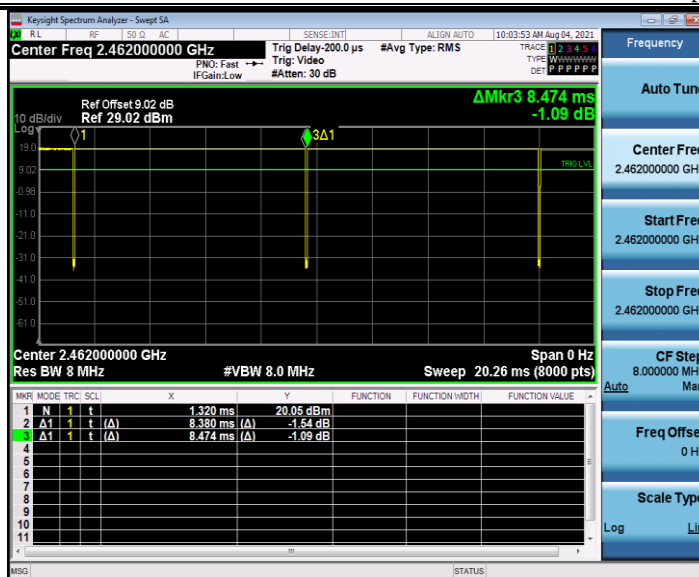
Appendix D: Duty Cycle

Test Result

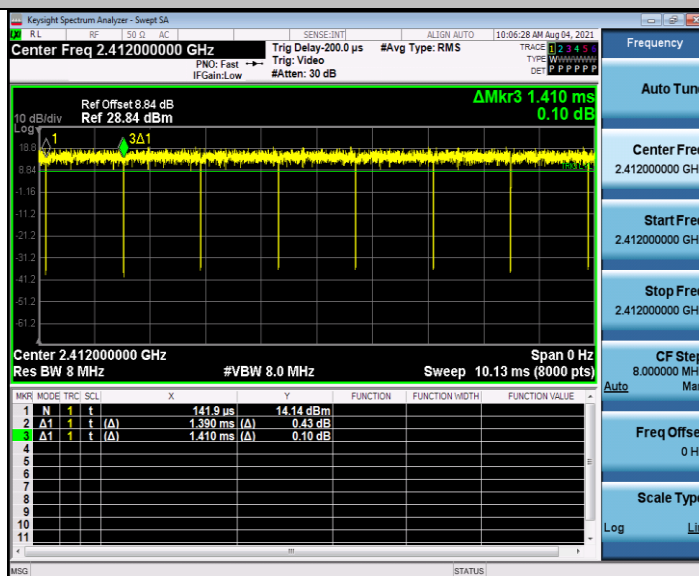
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.38	8.47	98.94	---	PASS
		2437	8.39	8.47	99.06	---	PASS
		2462	8.38	8.47	98.94	---	PASS
11G	Ant1	2412	1.39	1.41	98.58	---	PASS
		2437	1.39	1.41	98.58	---	PASS
		2462	1.39	1.41	98.58	---	PASS
11N20SISO	Ant1	2412	1.30	1.31	99.24	---	PASS
		2437	1.30	1.31	99.24	---	PASS
		2462	1.30	1.32	98.48	---	PASS
11N40SISO	Ant1	2422	0.65	0.66	98.48	---	PASS
		2437	0.65	0.66	98.48	---	PASS
		2452	0.65	0.66	98.48	---	PASS

Test Graphs

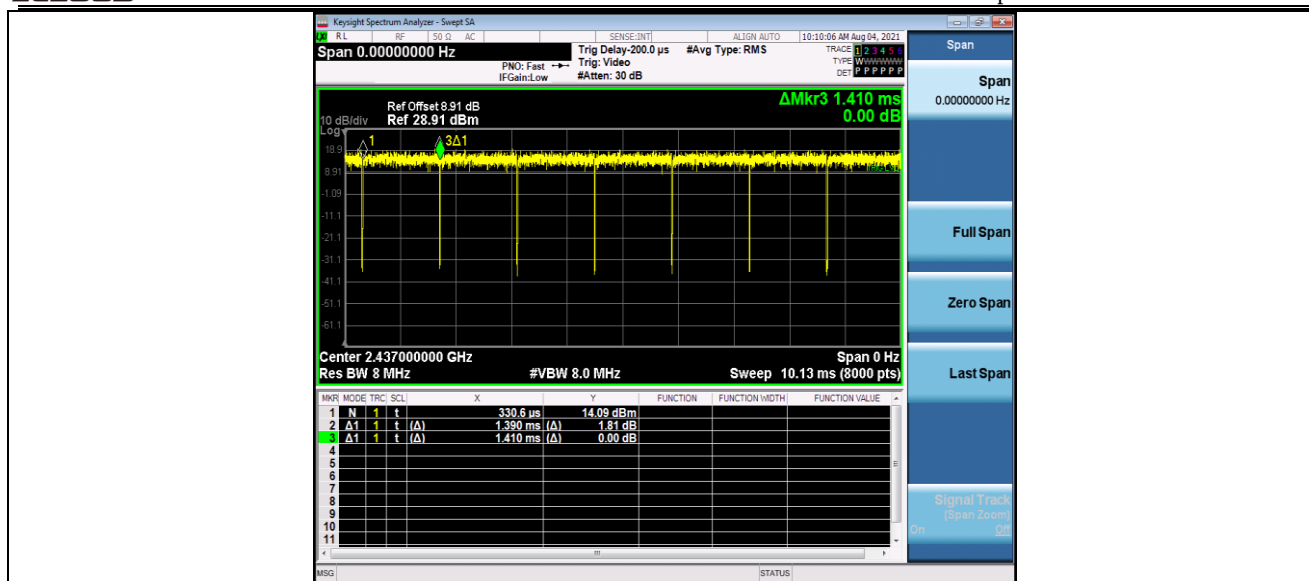




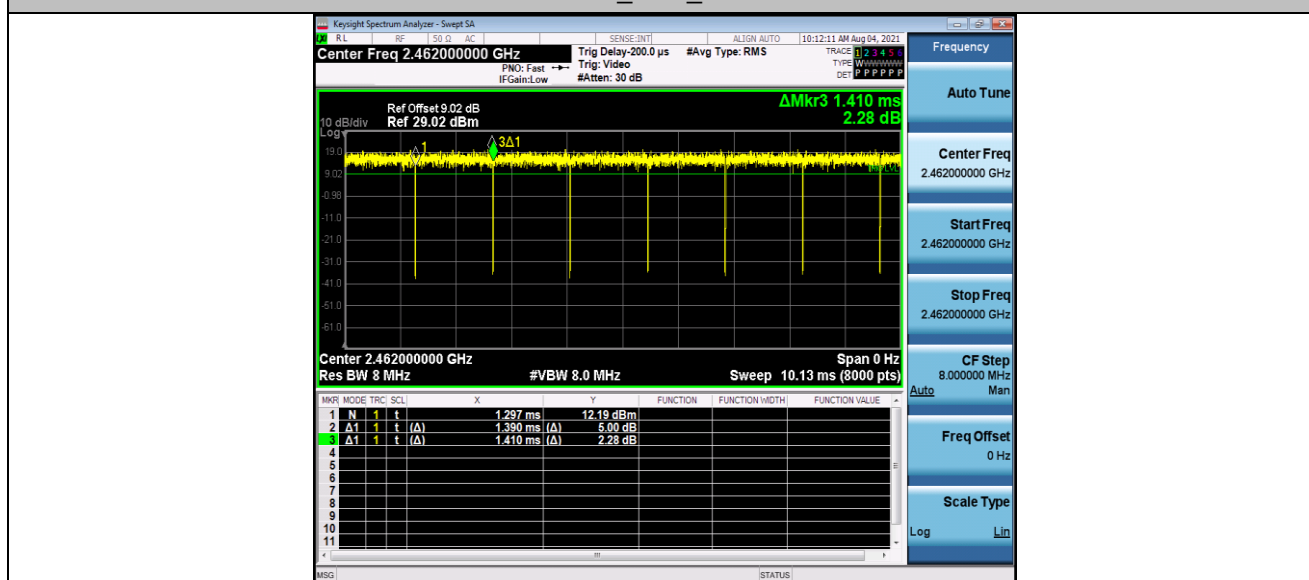
11B_Ant1_2462



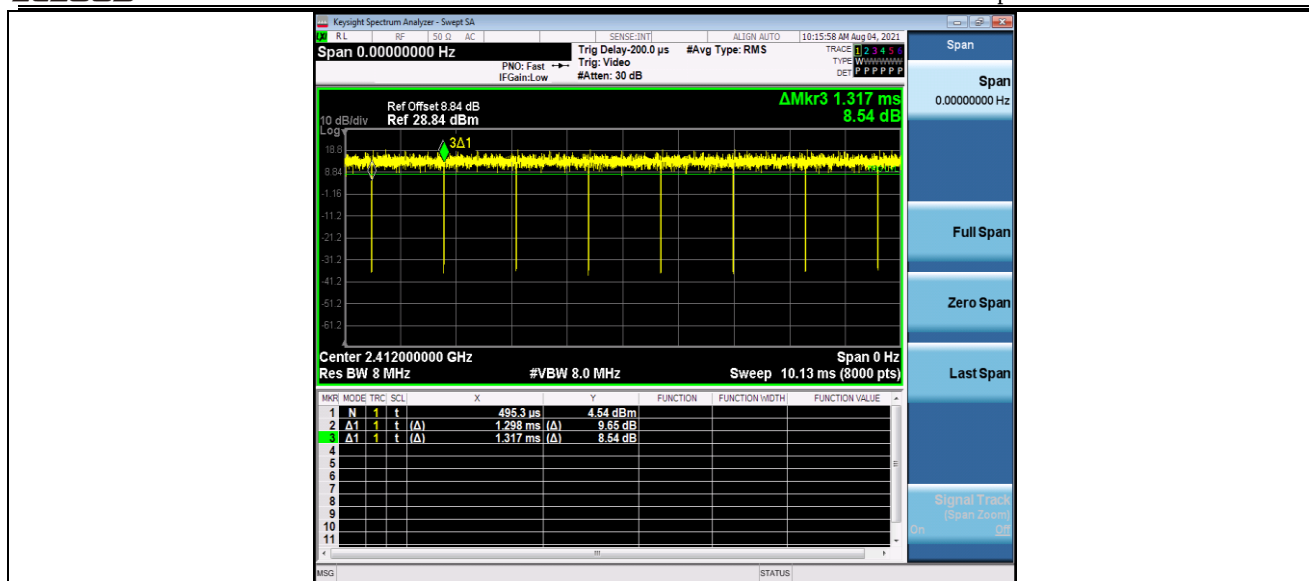
11G Ant1 2412



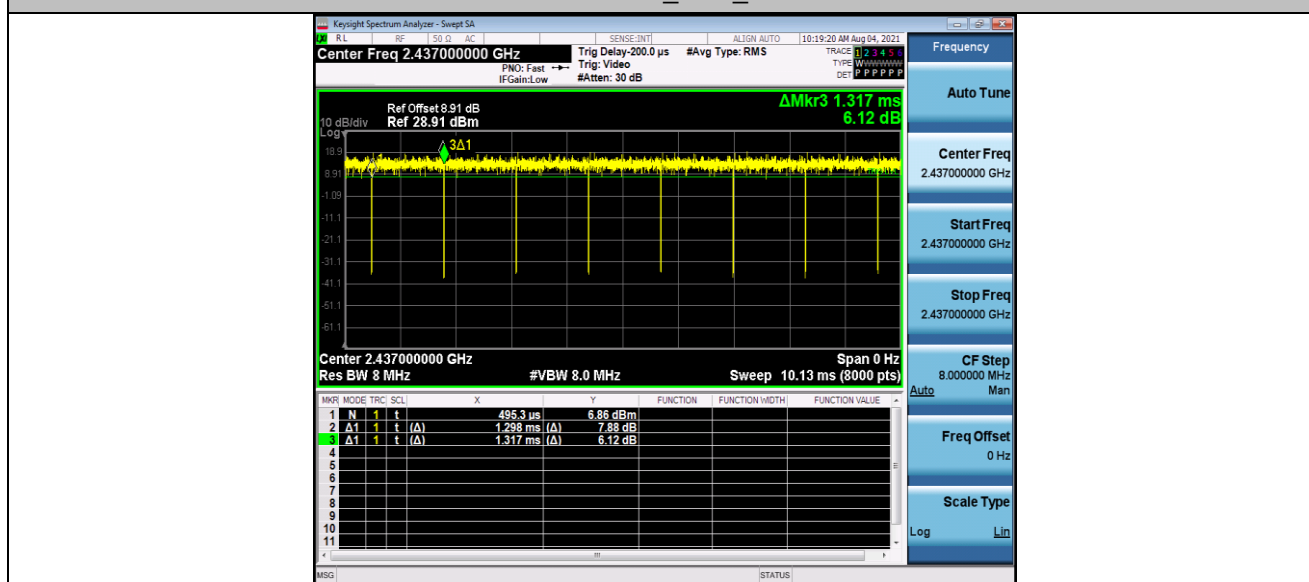
11G_Ant1_2437



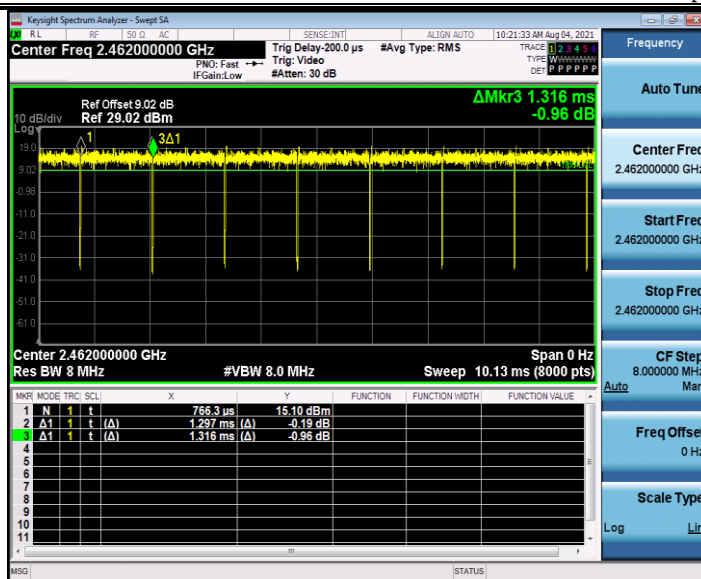
11G_Ant1_2462



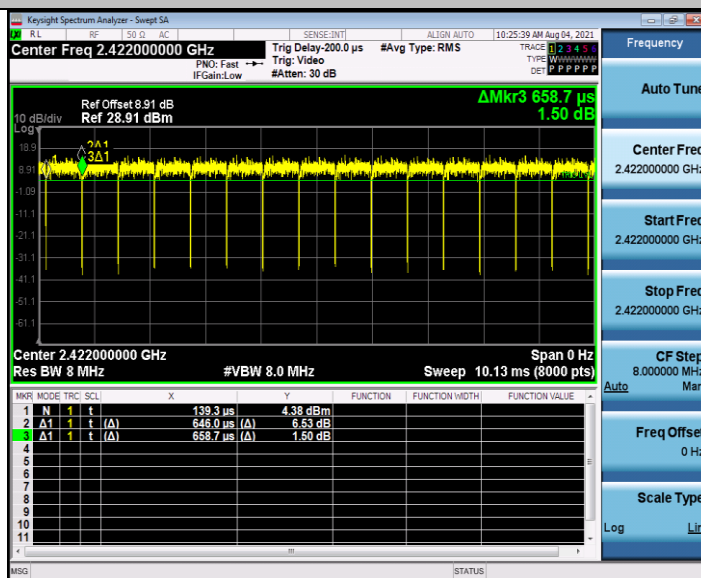
11N20SISO_Ant1_2412



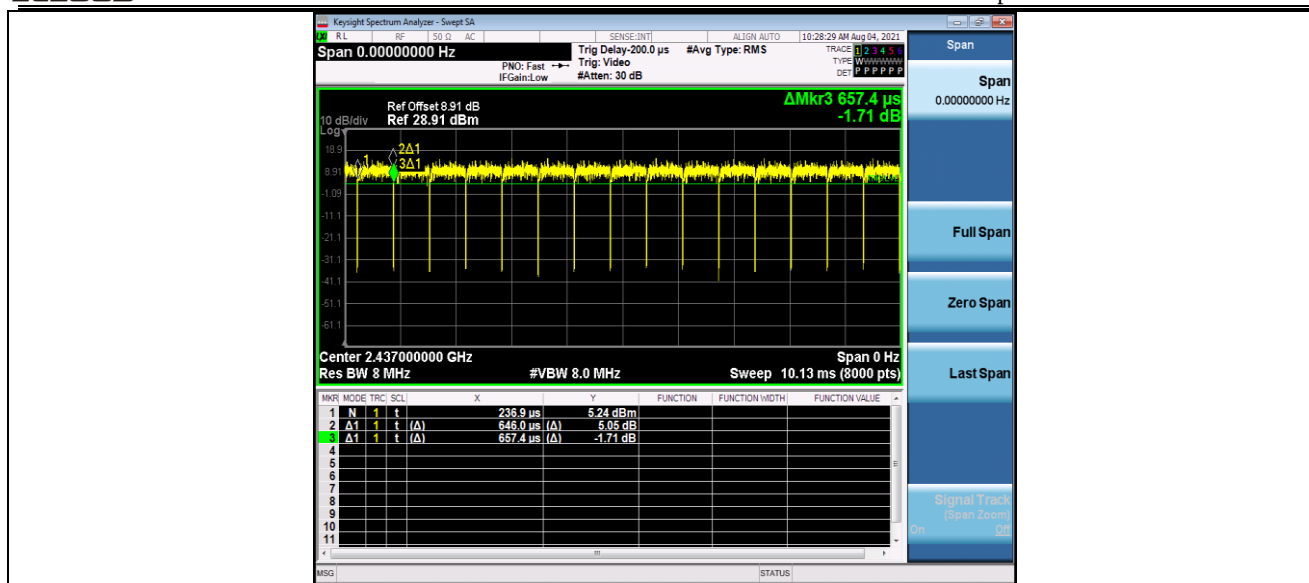
11N20SISO_Ant1_2437



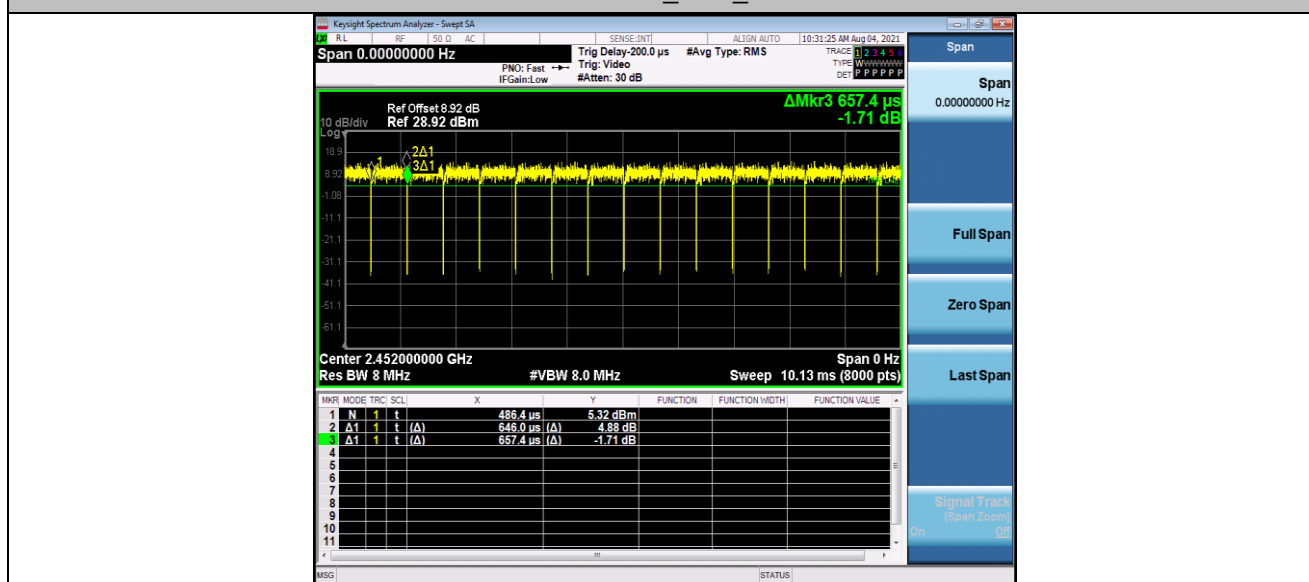
11N20SISO_Ant1_2462



11N40SISO Ant1 2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

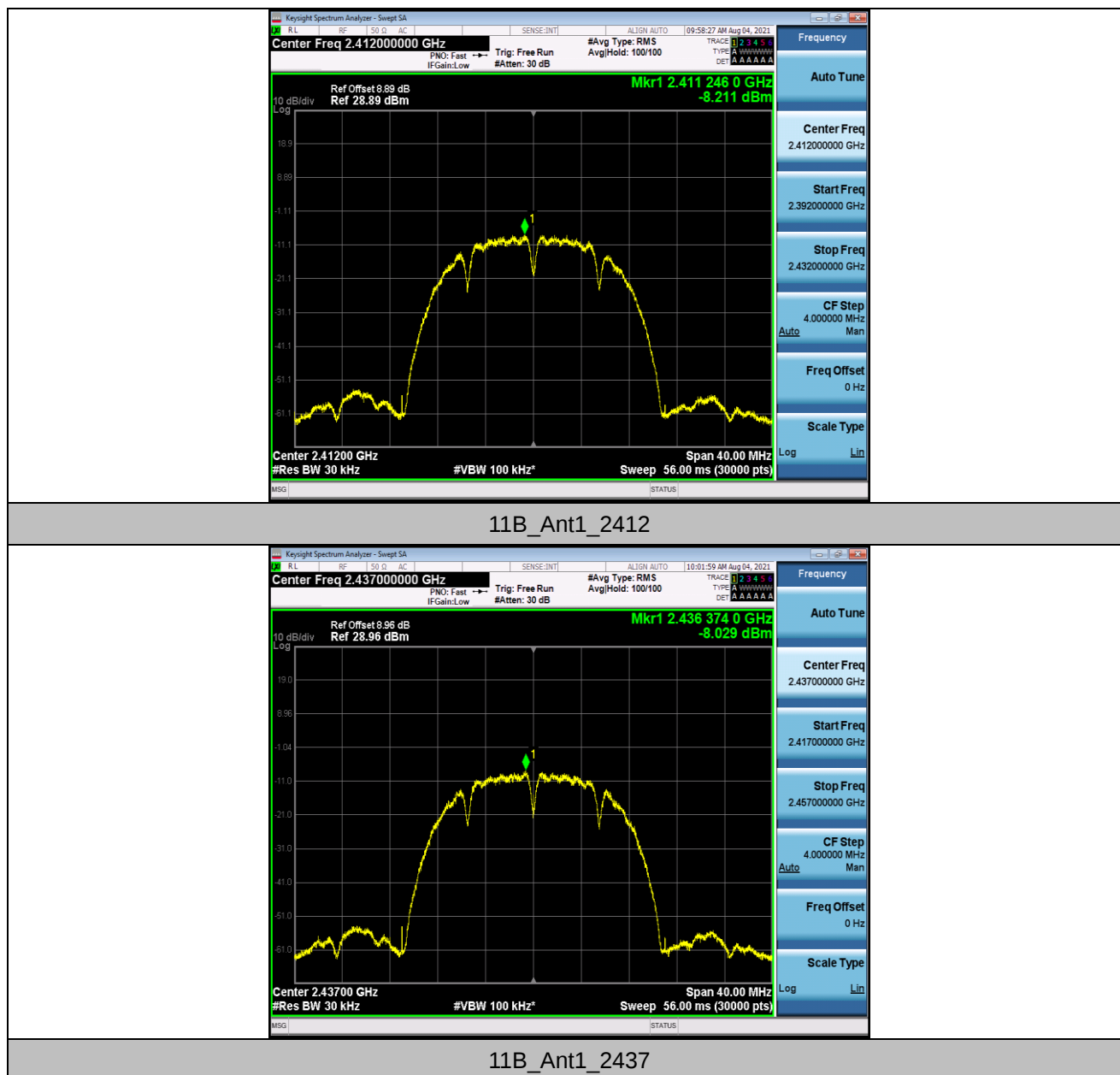
Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-8.21	-18.21	<=8	PASS
		2437	-8.03	-18.03	<=8	PASS
		2462	-6.69	-16.69	<=8	PASS
11G	Ant1	2412	-11.14	-21.14	<=8	PASS
		2437	-11.07	-21.07	<=8	PASS
		2462	-9.66	-19.66	<=8	PASS
11N20SISO	Ant1	2412	-11.88	-21.88	<=8	PASS
		2437	-12.46	-22.46	<=8	PASS
		2462	-11.63	-21.63	<=8	PASS
11N40SISO	Ant1	2422	-15.43	-25.43	<=8	PASS
		2437	-15.99	-25.99	<=8	PASS
		2452	-15.39	-25.39	<=8	PASS

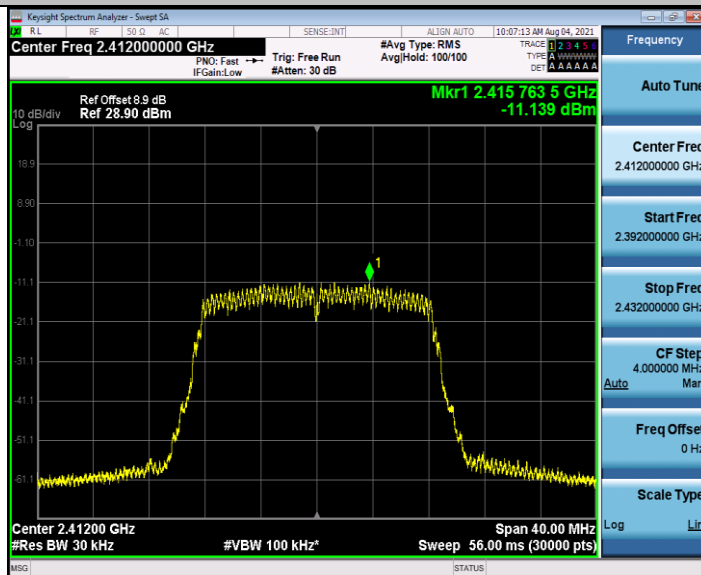
Result[dBm/3kHz]= Result[dBm/30kHz]-10*log10(30/3)

Test Graphs

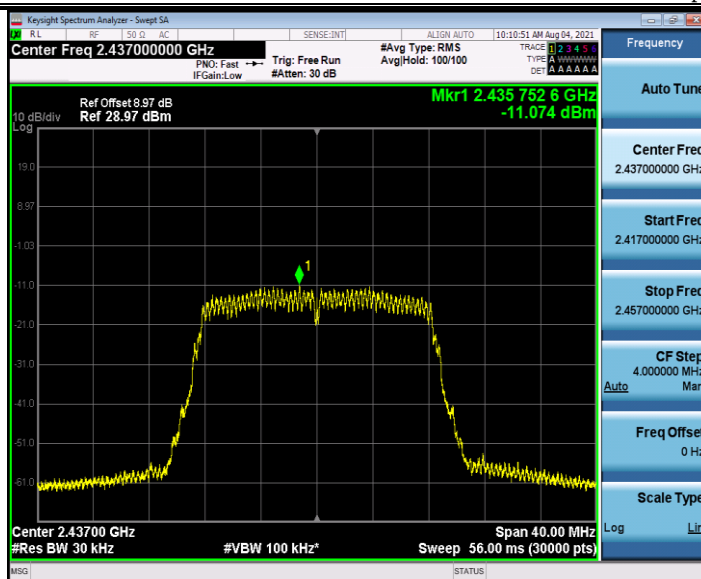




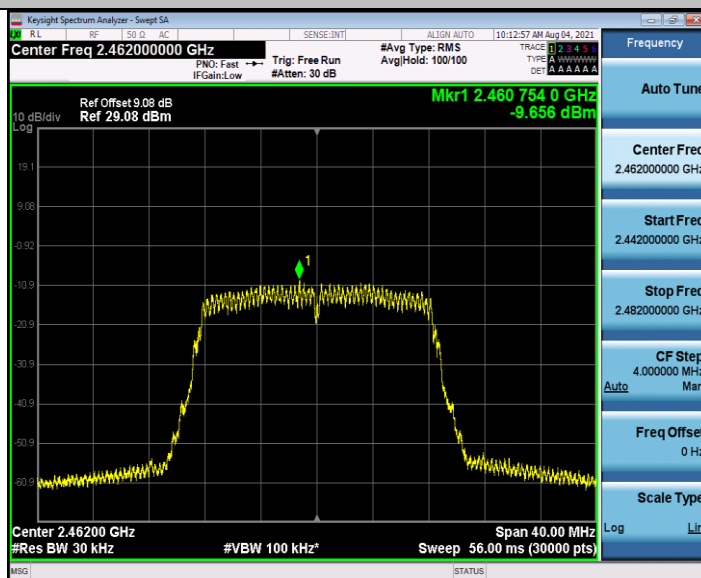
11B_Ant1_2462



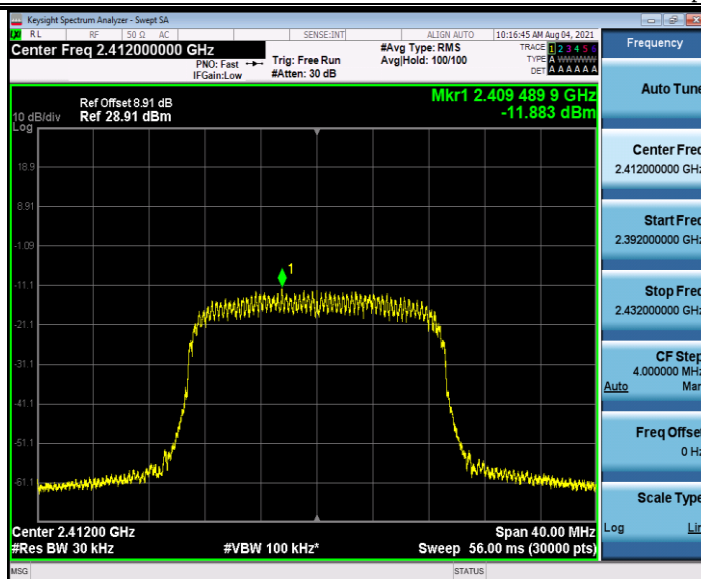
11G_Ant1_2412



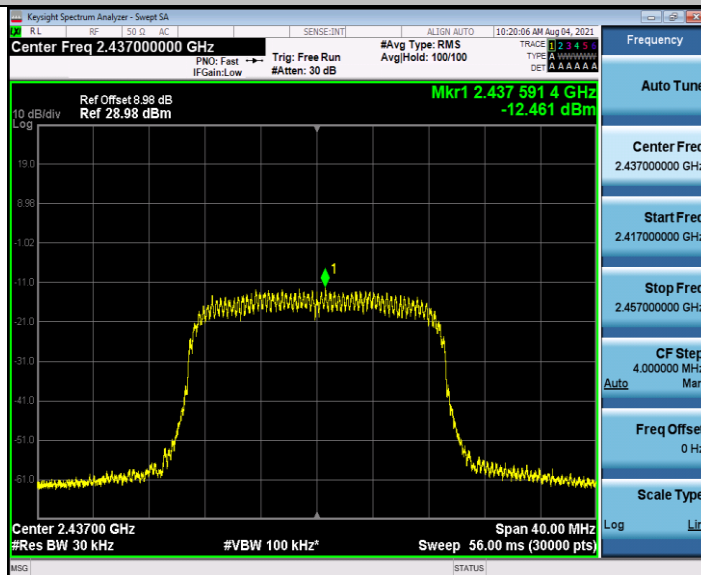
11G_Ant1_2437



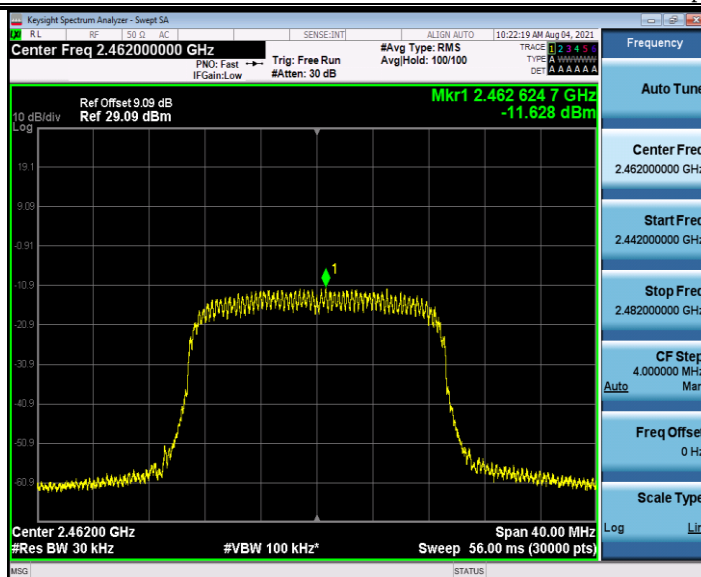
11G_Ant1_2462



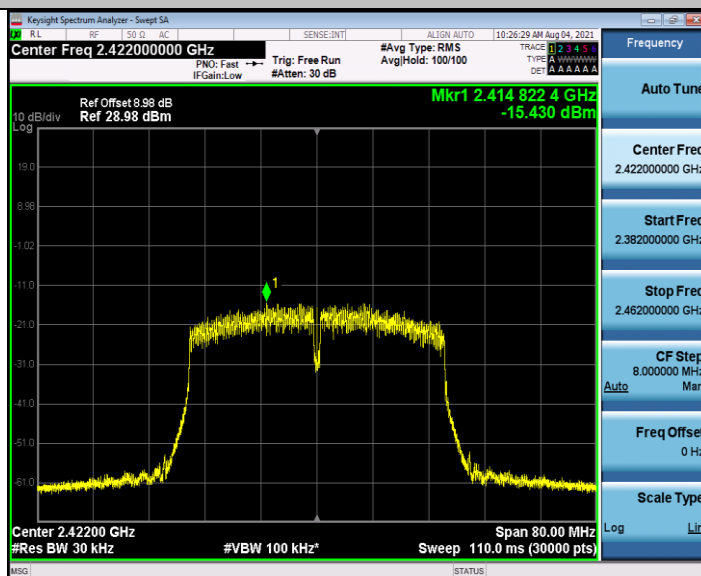
11N20SISO_Ant1_2412



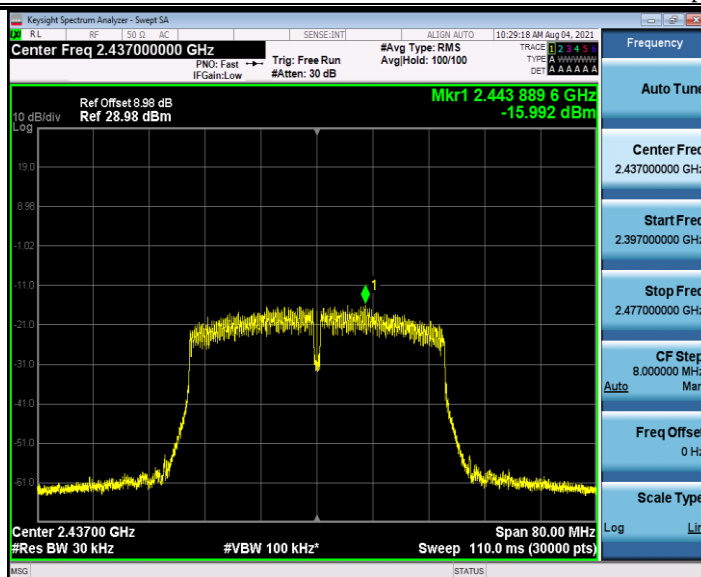
11N20SISO_Ant1_2437



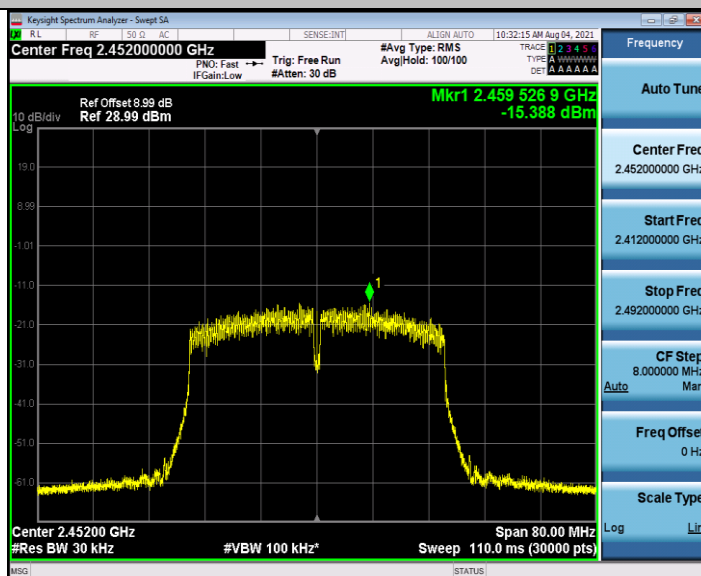
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



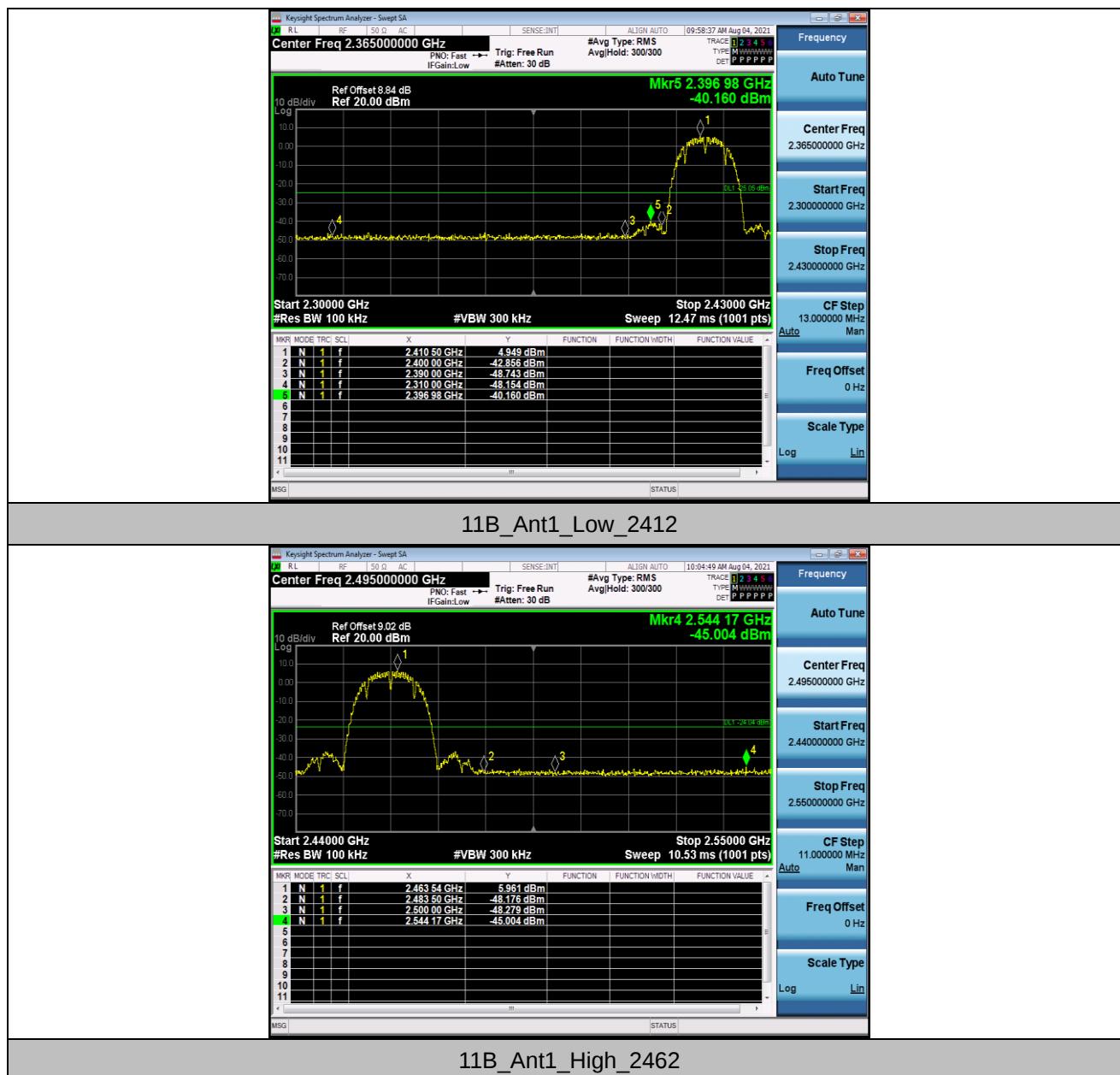
11N40SISO_Ant1_2452

Appendix F: Band edge measurements

Test Result

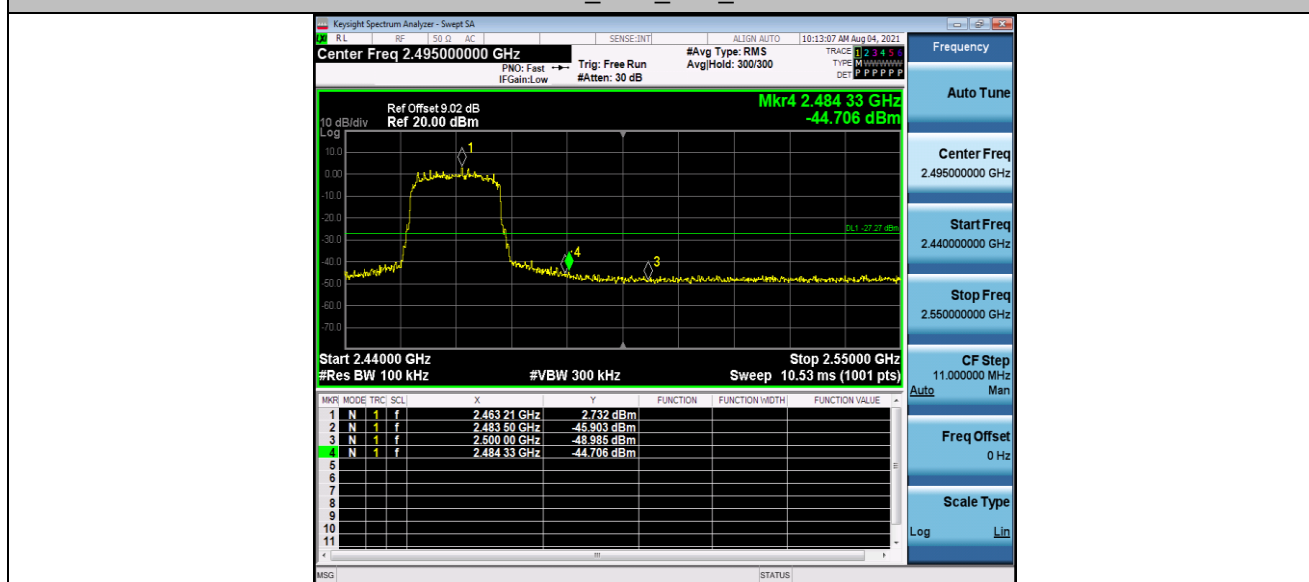
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.95	-40.16	<=-25.05	PASS
		High	2462	5.96	-45	<=-24.04	PASS
11G	Ant1	Low	2412	1.64	-41.93	<=-28.36	PASS
		High	2462	2.73	-44.71	<=-27.27	PASS
11N20SISO	Ant1	Low	2412	2.44	-43.02	<=-27.56	PASS
		High	2462	4.83	-44.96	<=-25.17	PASS
11N40SISO	Ant1	Low	2422	-3.05	-40	<=-33.05	PASS
		High	2452	-3.39	-45.44	<=-33.39	PASS

Test Graphs

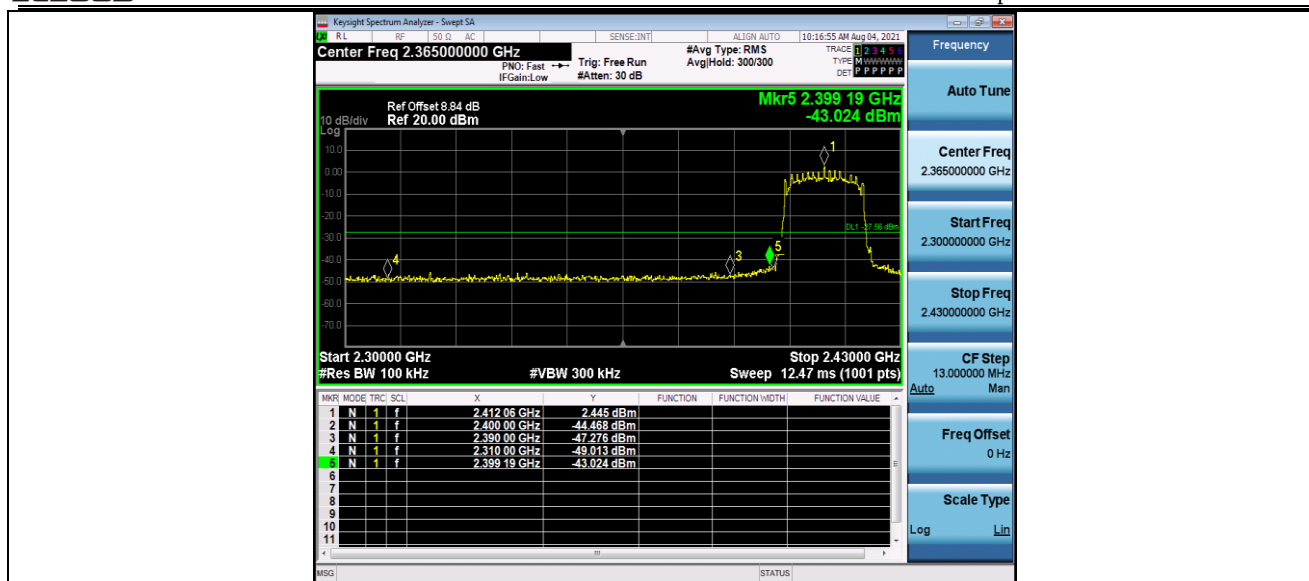




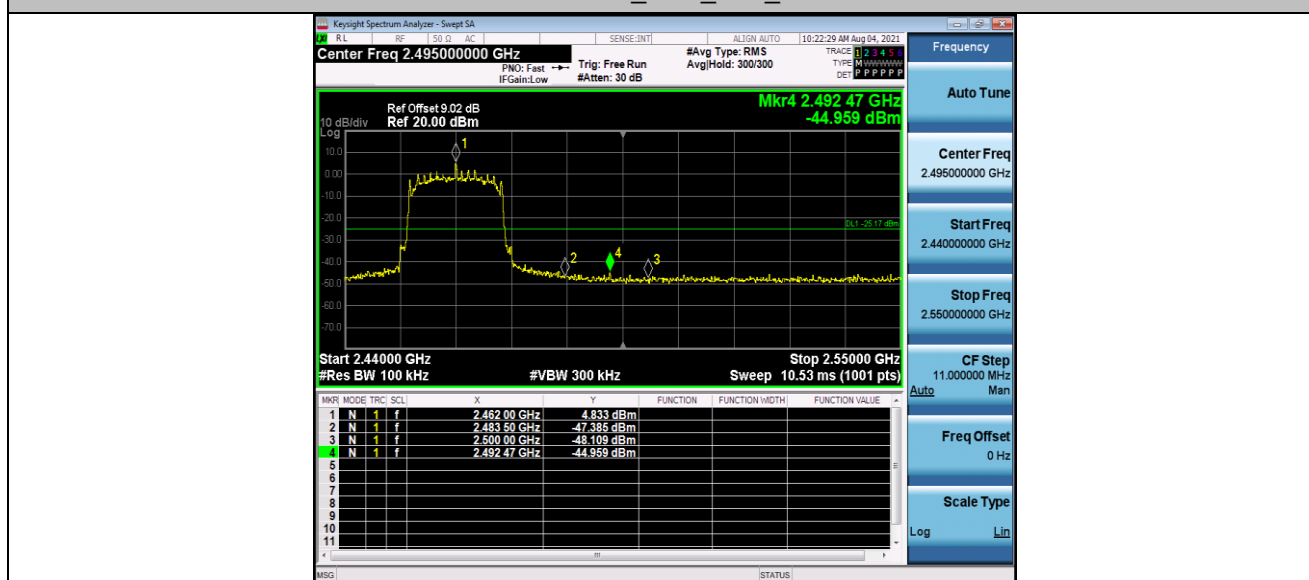
11G_Ant1_Low_2412



11G_Ant1_High_2462



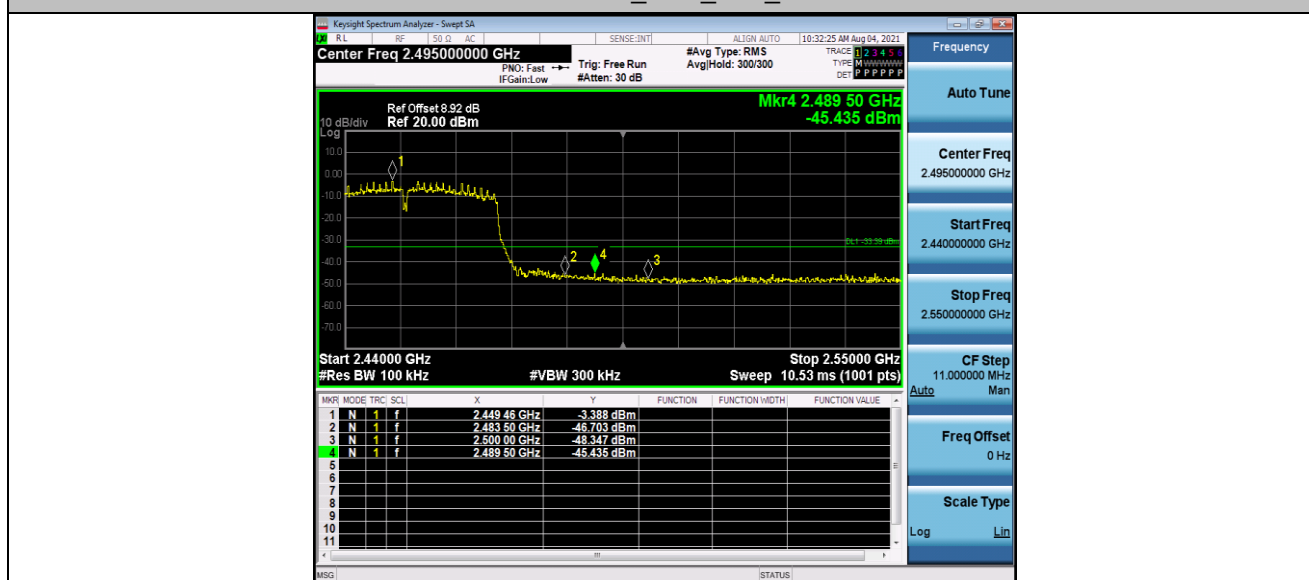
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

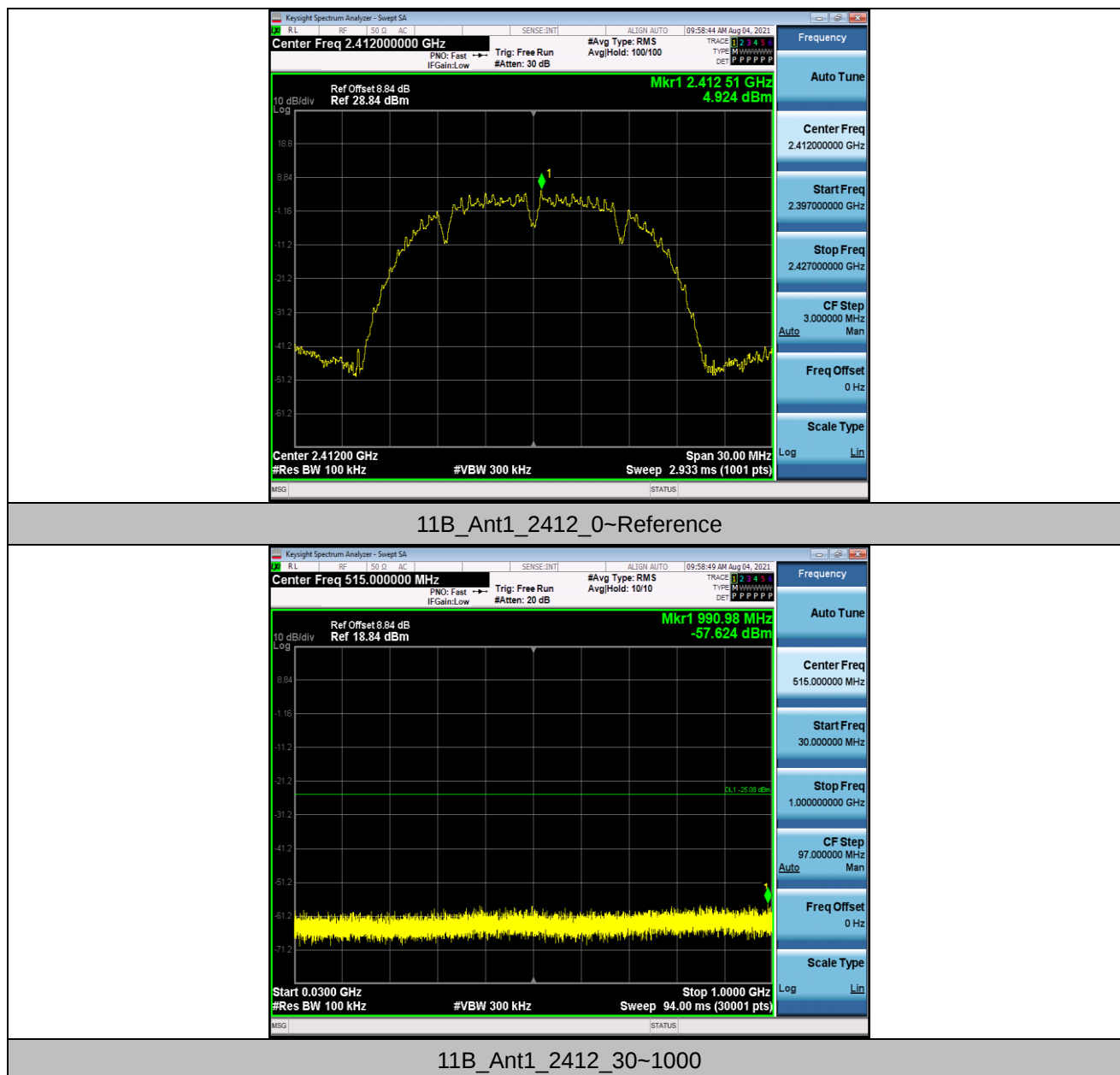
Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.92	4.92	---	PASS
			30~1000	4.92	-57.62	<=-25.08	PASS
			1000~26500	4.92	-37.21	<=-25.08	PASS
		2437	Reference	4.84	4.84	---	PASS
			30~1000	4.84	-56.36	<=-25.17	PASS
			1000~26500	4.84	-38	<=-25.17	PASS
		2462	Reference	5.76	5.76	---	PASS
			30~1000	5.76	-56.66	<=-24.24	PASS
			1000~26500	5.76	-37.1	<=-24.24	PASS
11G	Ant1	2412	Reference	0.88	0.88	---	PASS
			30~1000	0.88	-56.89	<=-29.12	PASS
			1000~26500	0.88	-37.69	<=-29.12	PASS
		2437	Reference	1.36	1.36	---	PASS
			30~1000	1.36	-56.96	<=-28.64	PASS
			1000~26500	1.36	-37.78	<=-28.64	PASS
		2462	Reference	2.43	2.43	---	PASS
			30~1000	2.43	-56.2	<=-27.57	PASS
			1000~26500	2.43	-37.55	<=-27.57	PASS
11N20SISO	Ant1	2412	Reference	1.11	1.11	---	PASS
			30~1000	1.11	-51.41	<=-28.89	PASS
			1000~26500	1.11	-37.54	<=-28.89	PASS
		2437	Reference	-0.12	-0.12	---	PASS
			30~1000	-0.12	-57.09	<=-30.12	PASS
			1000~26500	-0.12	-37.52	<=-30.12	PASS
		2462	Reference	1.54	1.54	---	PASS
			30~1000	1.54	-48.14	<=-28.46	PASS
			1000~26500	1.54	-37.38	<=-28.46	PASS
11N40SISO	Ant1	2422	Reference	-3.12	-3.12	---	PASS
			30~1000	-3.12	-56.66	<=-33.12	PASS
			1000~26500	-3.12	-37.78	<=-33.12	PASS

		2437	Reference	-3.46	-3.46	---	PASS
			30~1000	-3.46	-56.96	≤ -33.46	PASS
			1000~26500	-3.46	-37.28	≤ -33.46	PASS
		2452	Reference	-3.35	-3.35	---	PASS
			30~1000	-3.35	-57.28	≤ -33.35	PASS
			1000~26500	-3.35	-36.89	≤ -33.35	PASS

Test Graphs

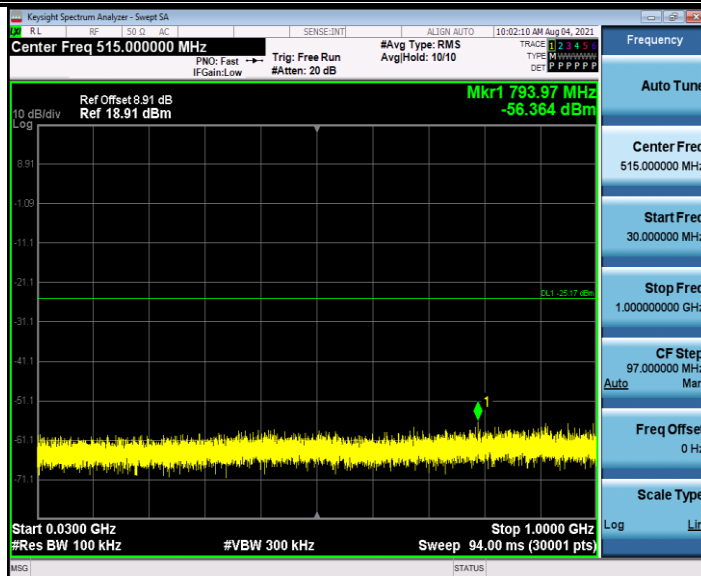




11B_Ant1_2412_1000-26500



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