

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.160	2407.400	2416.560	0.5	PASS
		2437	9.160	2432.400	2441.560	0.5	PASS
		2462	9.160	2457.400	2466.560	0.5	PASS
11G	Ant1	2412	16.600	2403.680	2420.280	0.5	PASS
		2437	16.600	2428.680	2445.280	0.5	PASS
		2462	16.600	2453.680	2470.280	0.5	PASS
11N20SISO	Ant1	2412	17.880	2403.040	2420.920	0.5	PASS
		2437	17.880	2428.040	2445.920	0.5	PASS
		2462	17.880	2453.040	2470.920	0.5	PASS

Test Graphs





11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



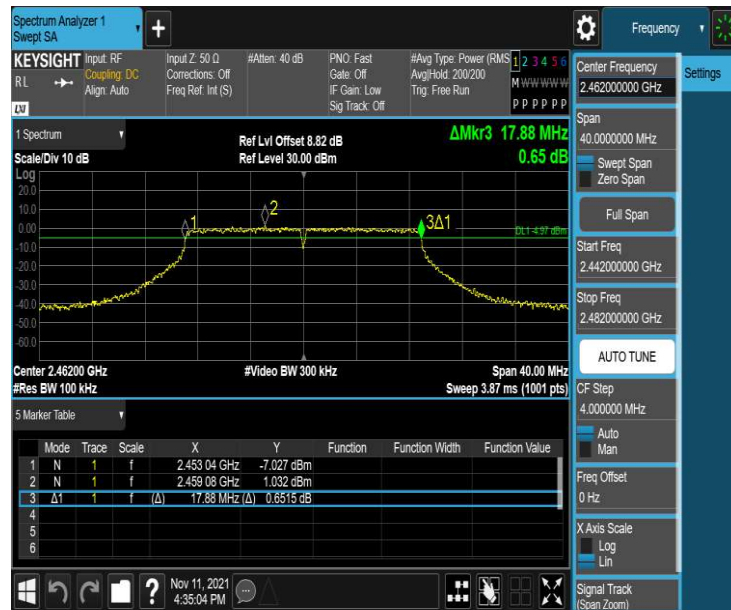
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



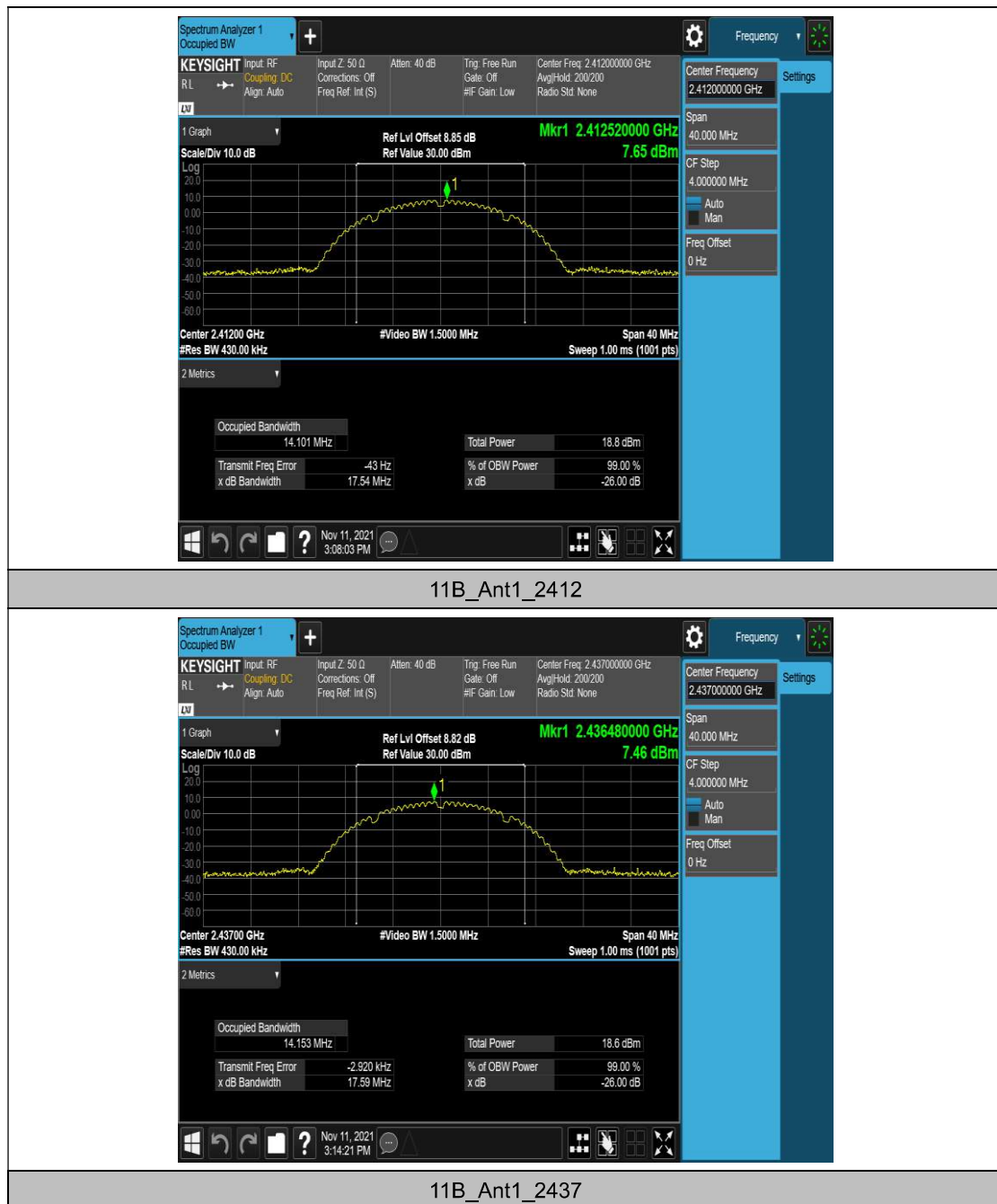
11N20SISO_Ant1_2462

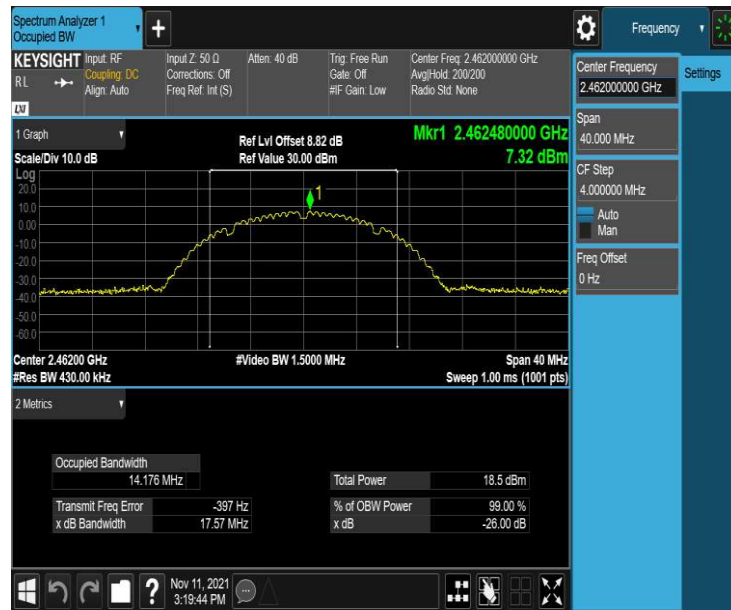
Appendix B: Occupied Channel Bandwidth

Test Result

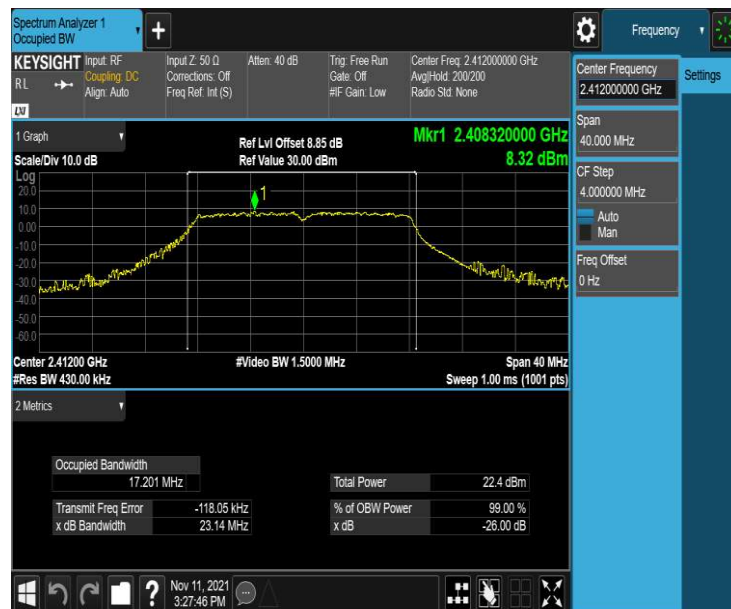
TestMode	Antenna	Channel	OCB [MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.101	---	PASS
		2437	14.153	---	PASS
		2462	14.176	---	PASS
11G	Ant1	2412	17.201	---	PASS
		2437	17.260	---	PASS
		2462	17.233	---	PASS
11N20SISO	Ant1	2412	18.268	---	PASS
		2437	18.245	---	PASS
		2462	18.249	---	PASS

Test Graphs





11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



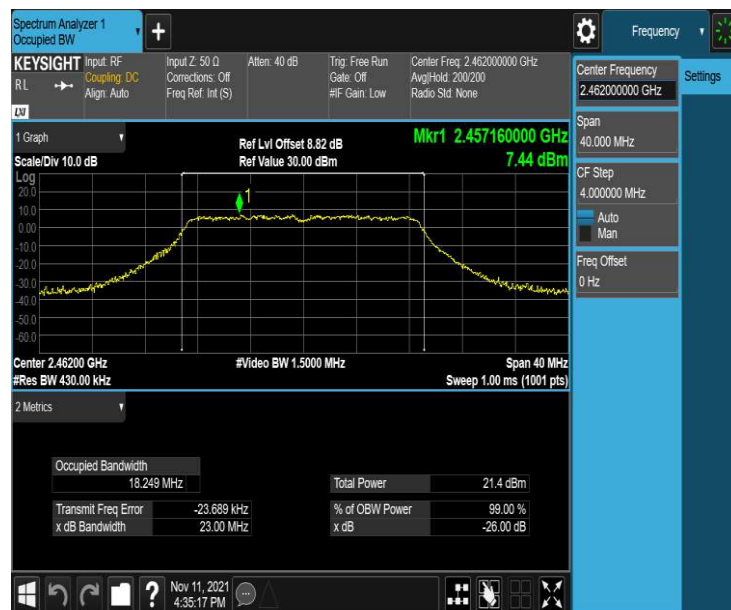
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

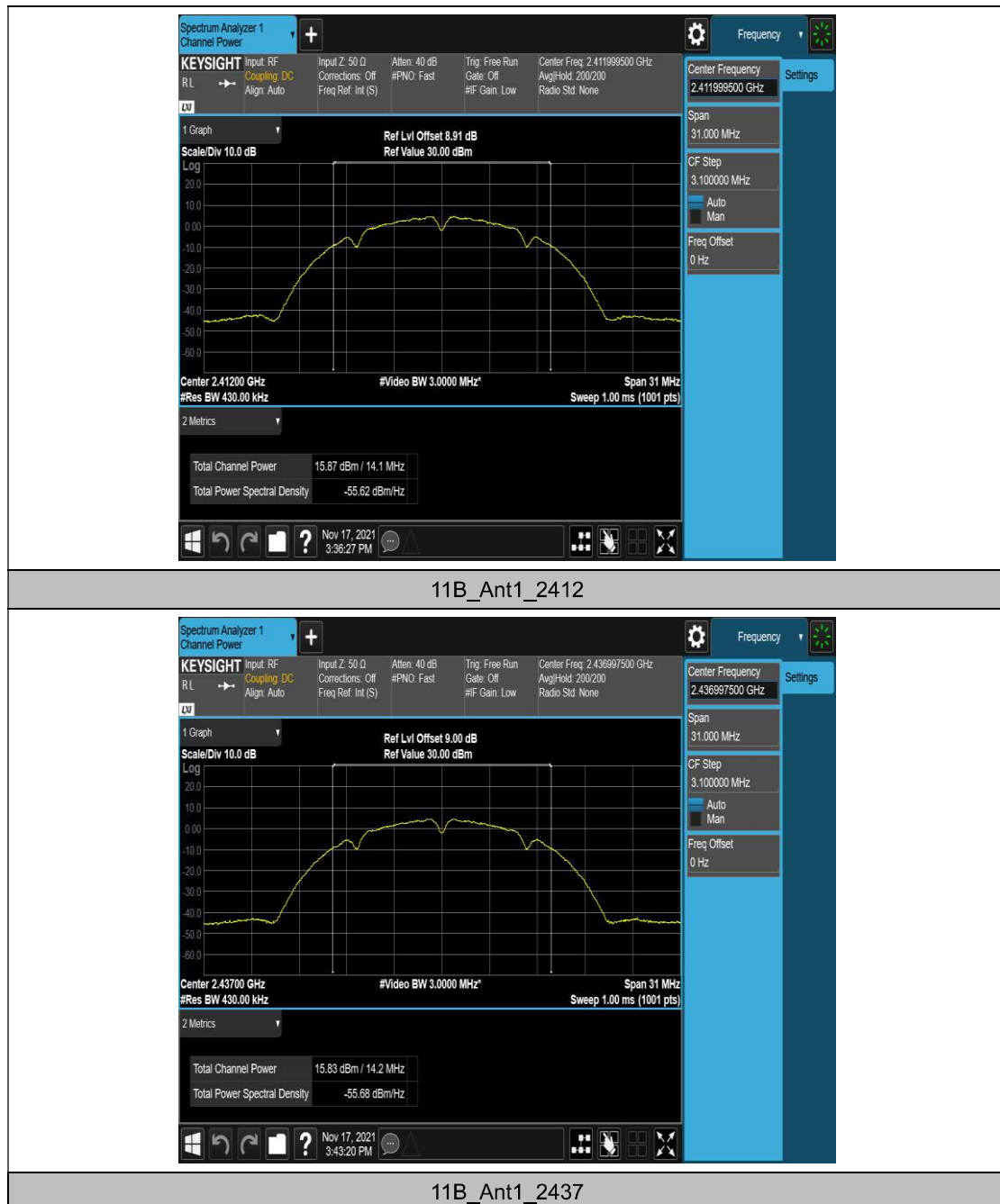
Appendix C: Maximum conducted output power

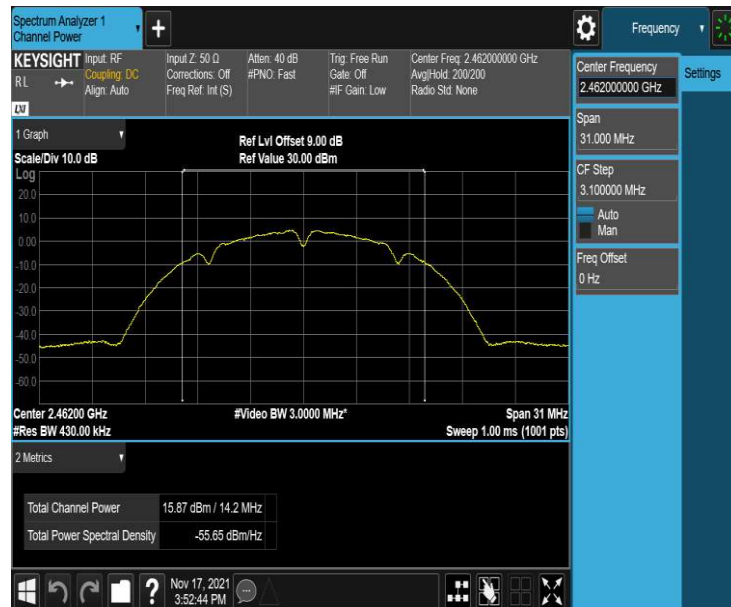
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.87	<=30	PASS
		2437	15.83	<=30	PASS
		2462	15.87	<=30	PASS
11G	Ant1	2412	14.25	<=30	PASS
		2437	14.10	<=30	PASS
		2462	14.33	<=30	PASS
11N20SISO	Ant1	2412	15.17	<=30	PASS
		2437	15.21	<=30	PASS
		2462	15.34	<=30	PASS

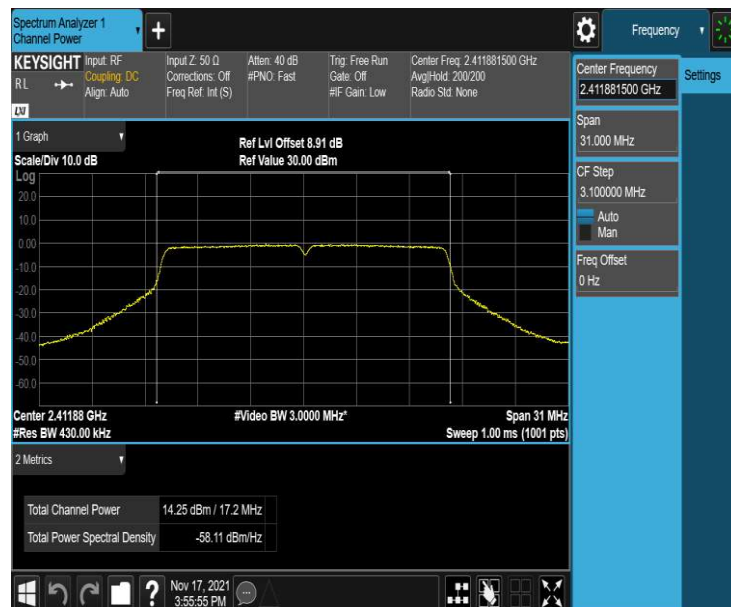
TestMode	Antenna	Channel	e.i.r.p Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	17.57	<=36	PASS
		2437	17.53	<=36	PASS
		2462	17.57	<=36	PASS
11G	Ant1	2412	15.95	<=36	PASS
		2437	15.8	<=36	PASS
		2462	16.03	<=36	PASS
11N20SISO	Ant1	2412	16.87	<=36	PASS
		2437	16.91	<=36	PASS
		2462	17.04	<=36	PASS

Test Graphs

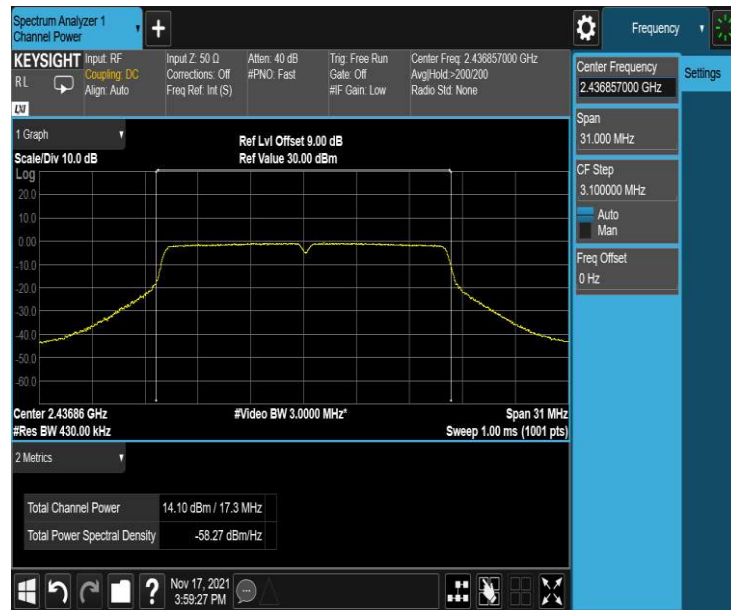




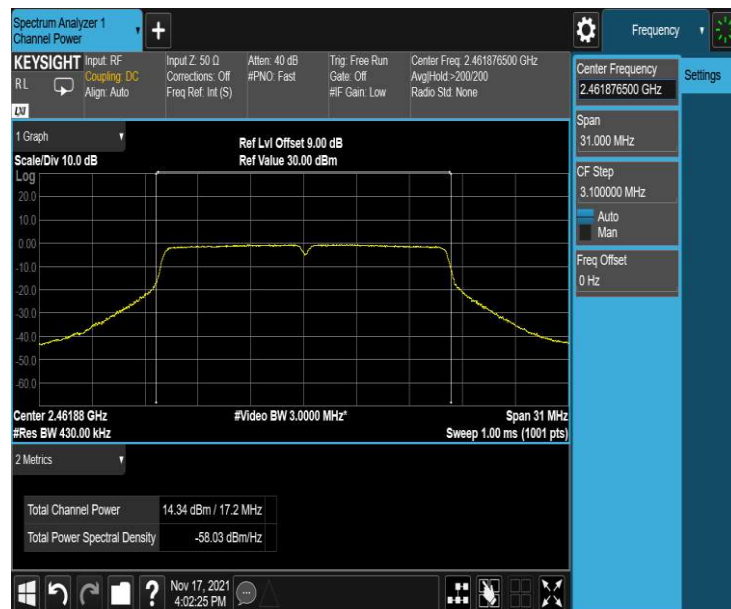
11B_Ant1_2462



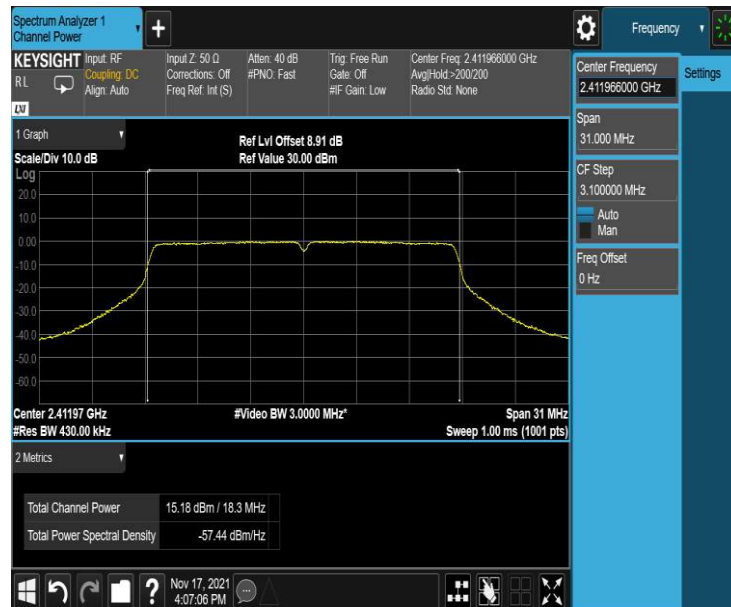
11G_Ant1_2412



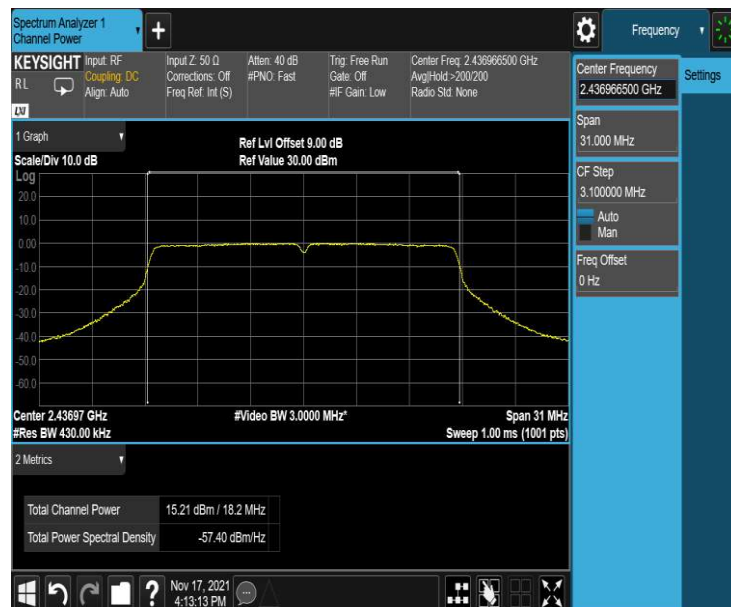
11G_Ant1_2437



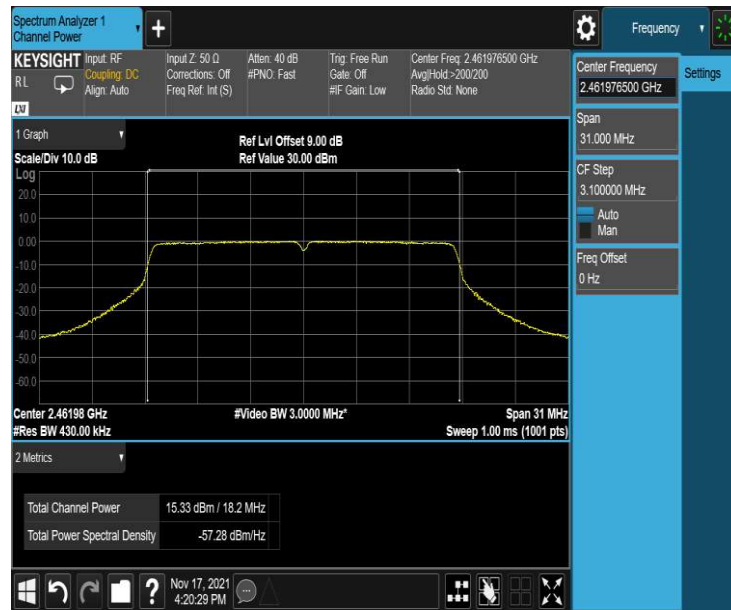
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



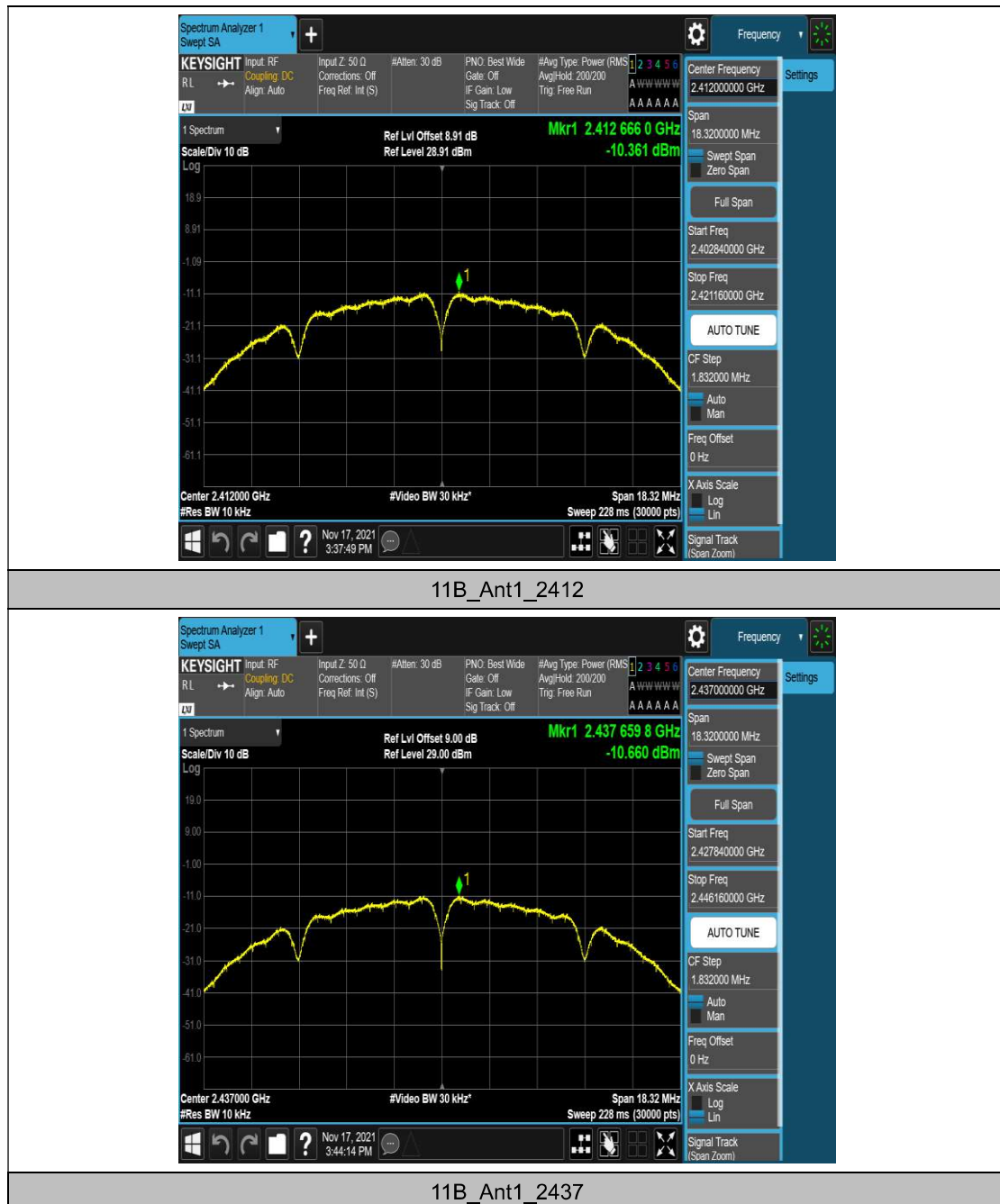
11N20SISO_Ant1_2462

Appendix D: Maximum power spectral density

Test Result

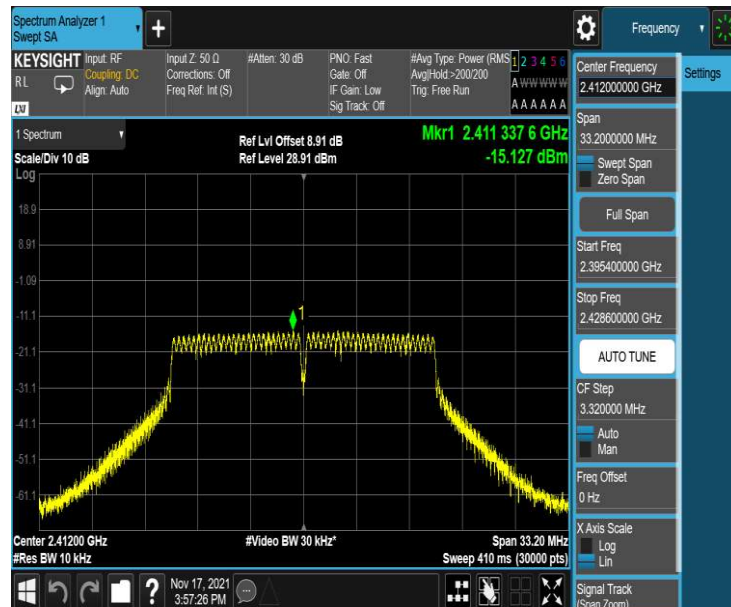
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.34	<=8	PASS
		2437	-10.66	<=8	PASS
		2462	-10.54	<=8	PASS
11G	Ant1	2412	-15.11	<=8	PASS
		2437	-14.83	<=8	PASS
		2462	-14.6	<=8	PASS
11N20SISO	Ant1	2412	-13.9	<=8	PASS
		2437	-13.44	<=8	PASS
		2462	-13.78	<=8	PASS

Test Graphs

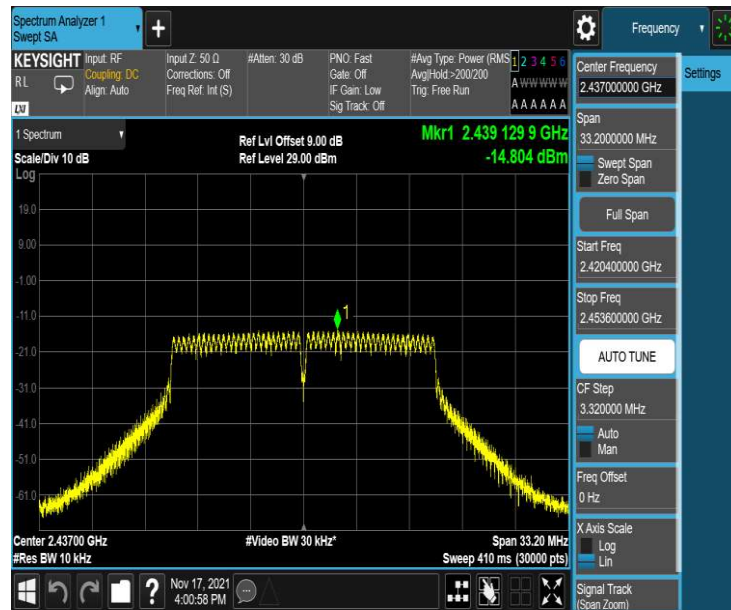




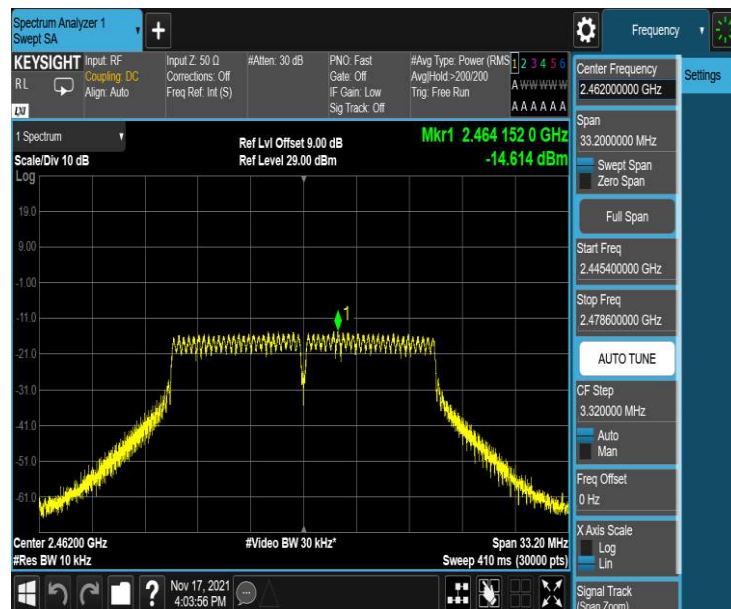
11B_Ant1_2462



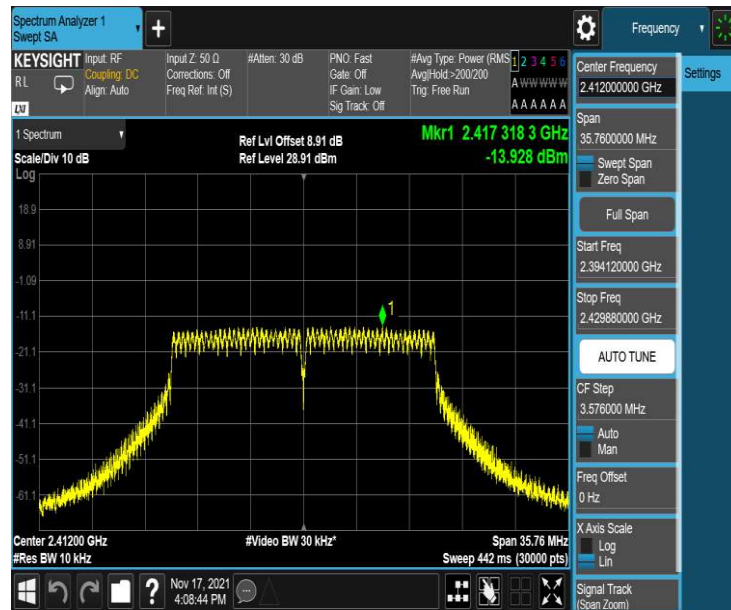
11G_Ant1_2412



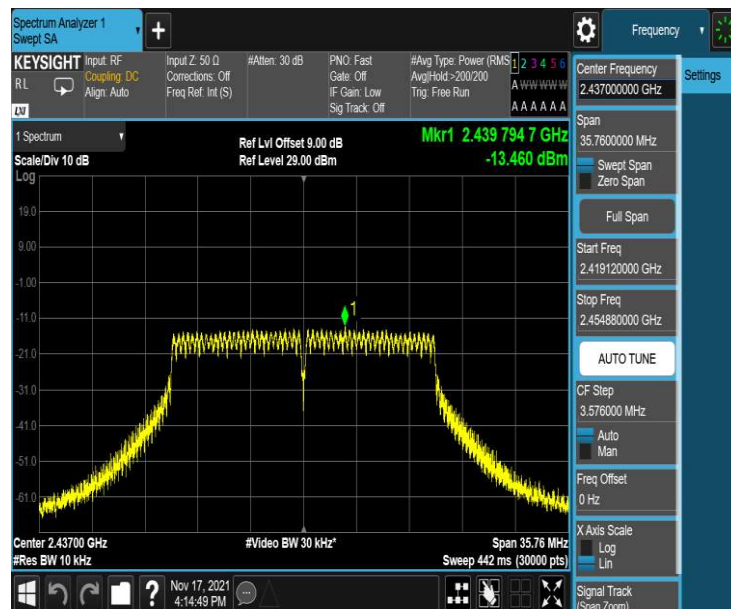
11G_Ant1_2437



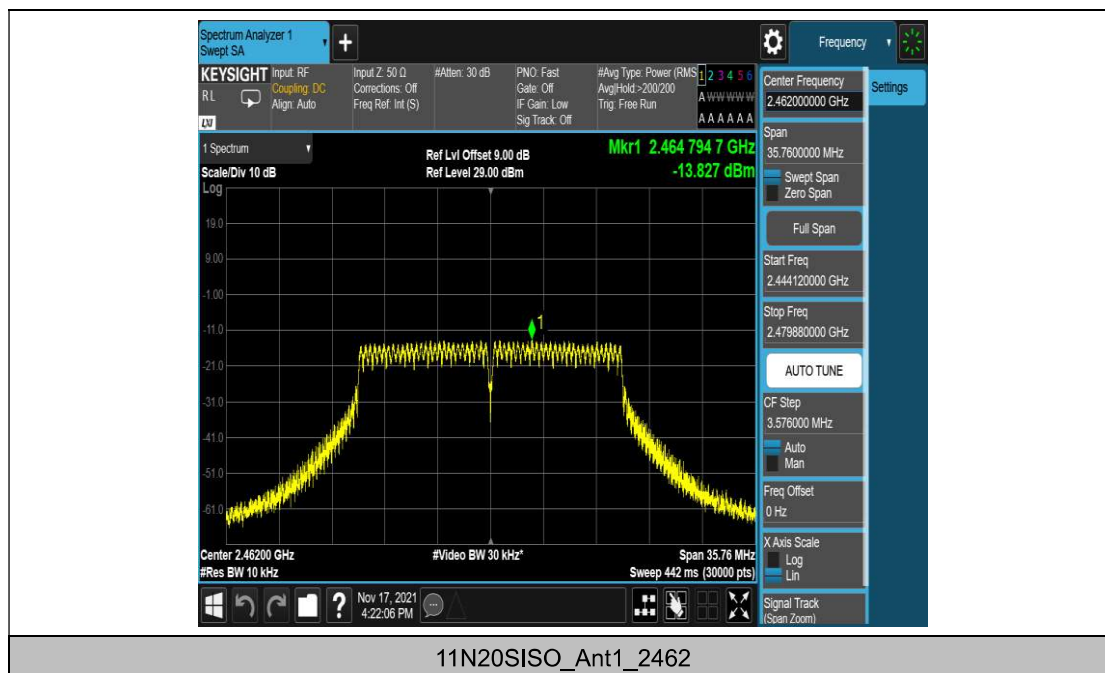
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437

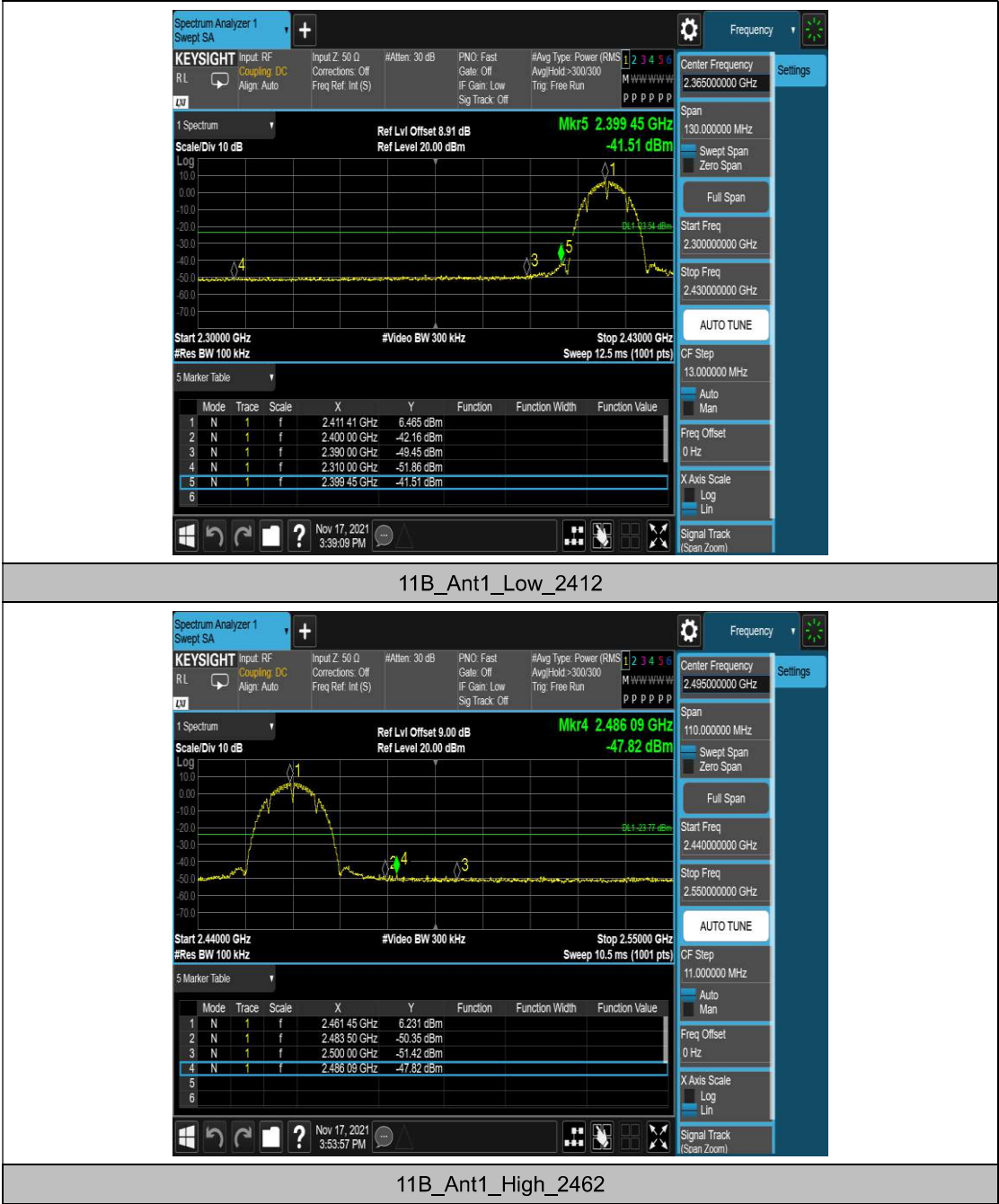


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.47	-41.51	<=-23.54	PASS
		High	2462	6.23	-47.82	<=-23.77	PASS
11G	Ant1	Low	2412	-0.21	-31.3	<=-30.21	PASS
		High	2462	0.07	-48.38	<=-29.93	PASS
11N20SISO	Ant1	Low	2412	1.36	-29.39	<=-28.64	PASS
		High	2462	1.68	-43.93	<=-28.33	PASS

Test Graphs





11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462

Appendix F: Conducted Spurious Emission

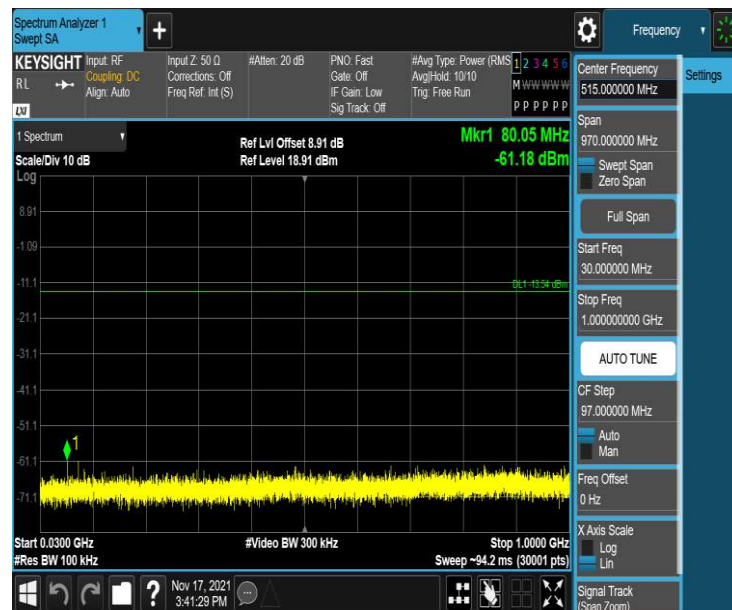
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.46	6.46	---	PASS
			30~1000	30~1000	-61.178	<=-13.537	PASS
			1000~26500	1000~26500	-44.092	<=-13.537	PASS
		2437	Reference	6.23	6.23	---	PASS
			30~1000	30~1000	-59.021	<=-13.768	PASS
			1000~26500	1000~26500	-53.255	<=-13.768	PASS
		2462	Reference	6.20	6.20	---	PASS
			30~1000	30~1000	-59.493	<=-13.805	PASS
			1000~26500	1000~26500	-53.837	<=-13.805	PASS
11G	Ant1	2412	Reference	-0.21	-0.21	---	PASS
			30~1000	30~1000	-57.685	<=-20.212	PASS
			1000~26500	1000~26500	-32.408	<=-20.212	PASS
		2437	Reference	-0.12	-0.12	---	PASS
			30~1000	30~1000	-57.358	<=-20.12	PASS
			1000~26500	1000~26500	-52.954	<=-20.12	PASS
		2462	Reference	0.06	0.06	---	PASS
			30~1000	30~1000	-58.162	<=-19.941	PASS
			1000~26500	1000~26500	-53.236	<=-19.941	PASS
11N20SISO	Ant1	2412	Reference	1.38	1.38	---	PASS
			30~1000	30~1000	-58.143	<=-18.623	PASS
			1000~26500	1000~26500	-31.271	<=-18.623	PASS
		2437	Reference	1.52	1.52	---	PASS
			30~1000	30~1000	-57.26	<=-18.477	PASS
			1000~26500	1000~26500	-53.475	<=-18.477	PASS
		2462	Reference	1.71	1.71	---	PASS
			30~1000	30~1000	-58.128	<=-18.287	PASS
			1000~26500	1000~26500	-48.755	<=-18.287	PASS

Test Graphs



11B_Ant1_2412_0~Reference



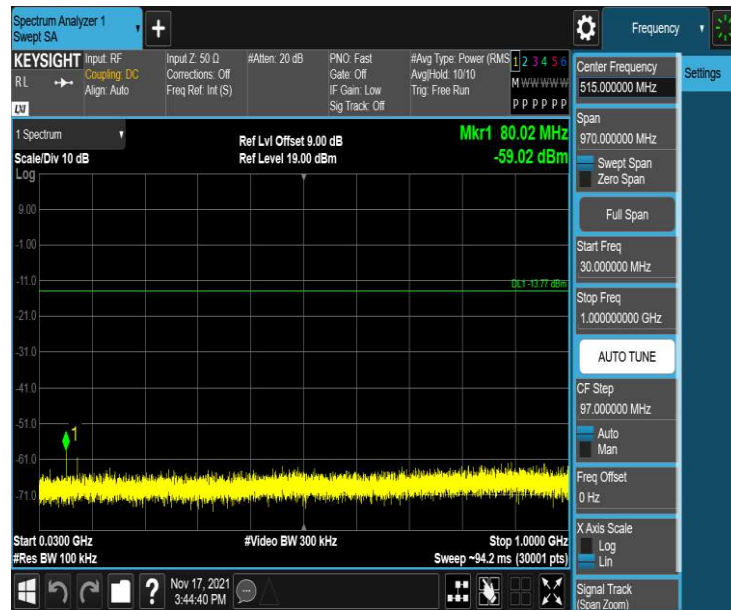
11B_Ant1_2412_30~1000



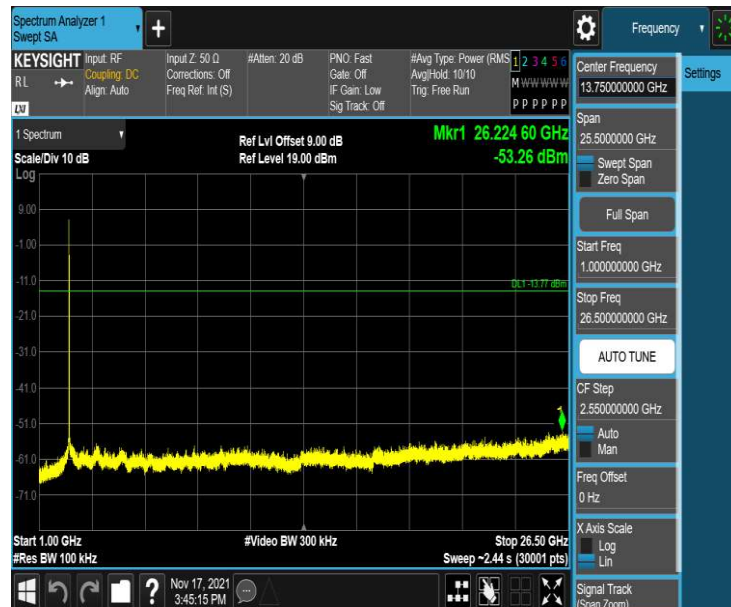
11B_Ant1_2412_1000~26500



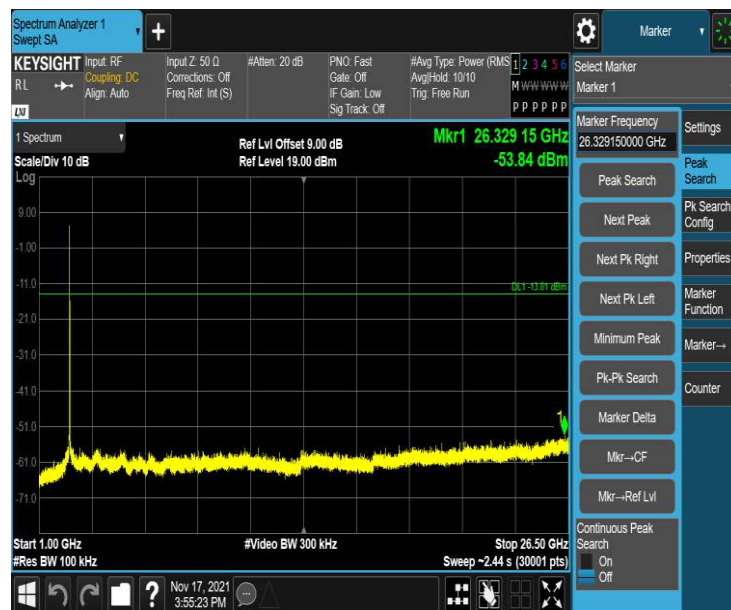
11B_Ant1_2437_0~Reference



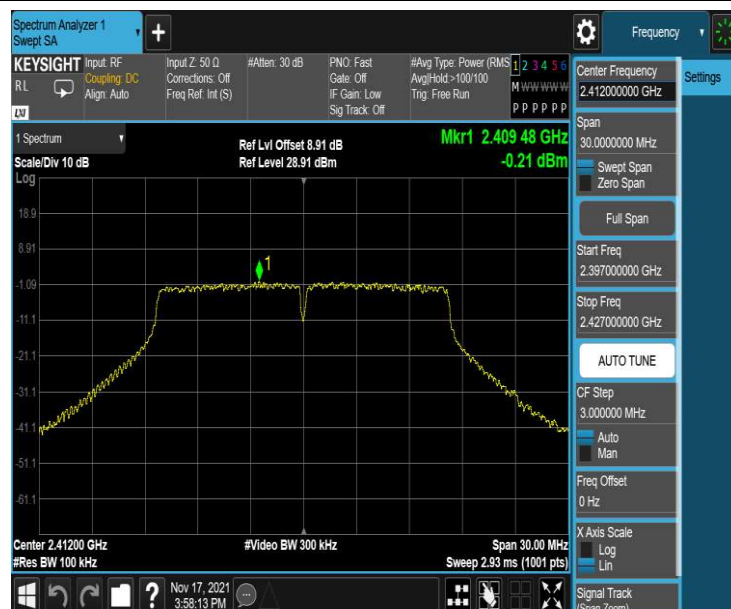
11B_Ant1_2437_30~1000



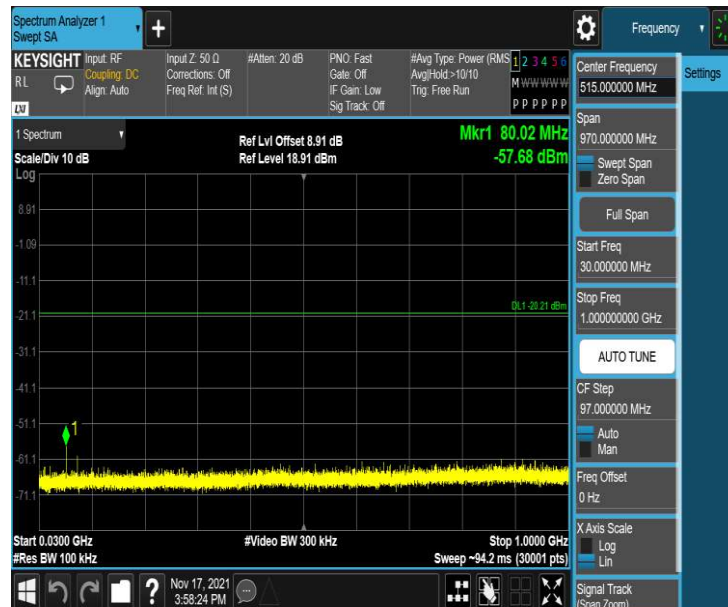
11B_Ant1_2437_1000~26500



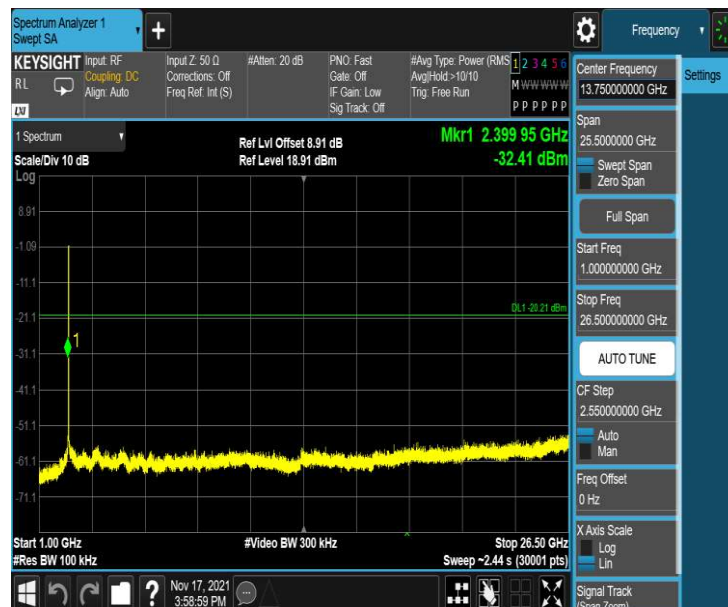
11B_Ant1_2462_1000~26500



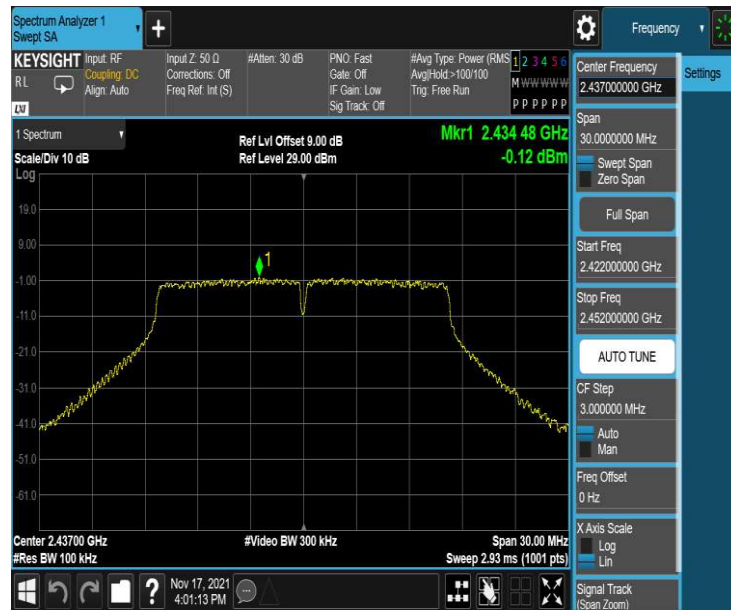
11G_Ant1_2412_0~Reference



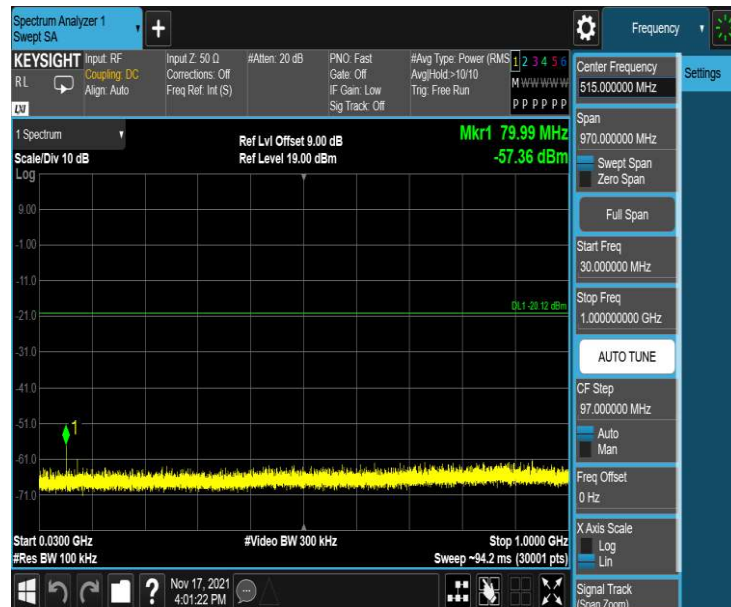
11G_Ant1_2412_30~1000



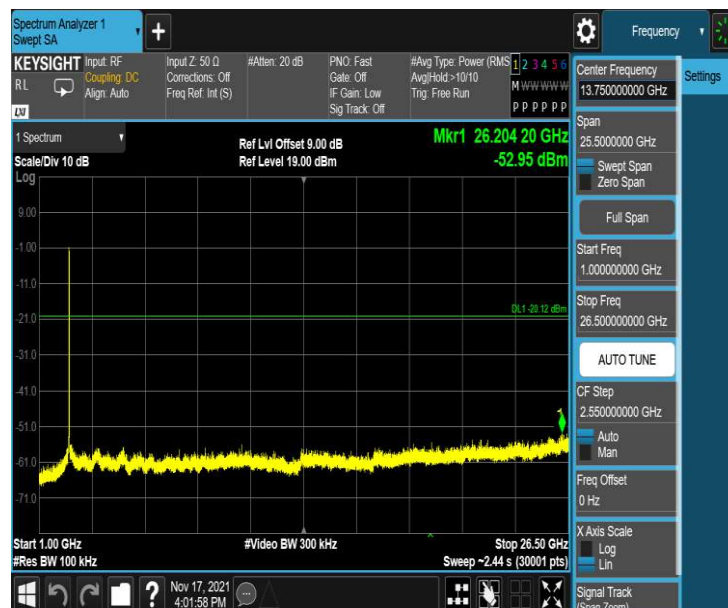
11G_Ant1_2412_1000~26500



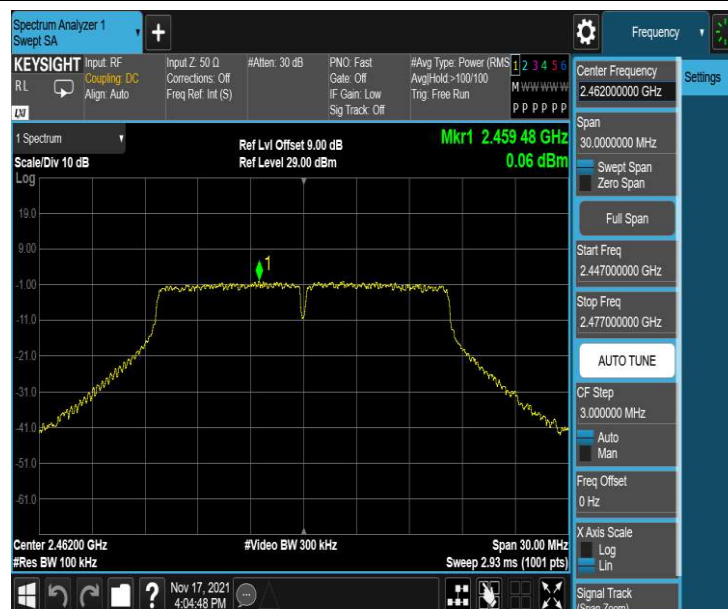
11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



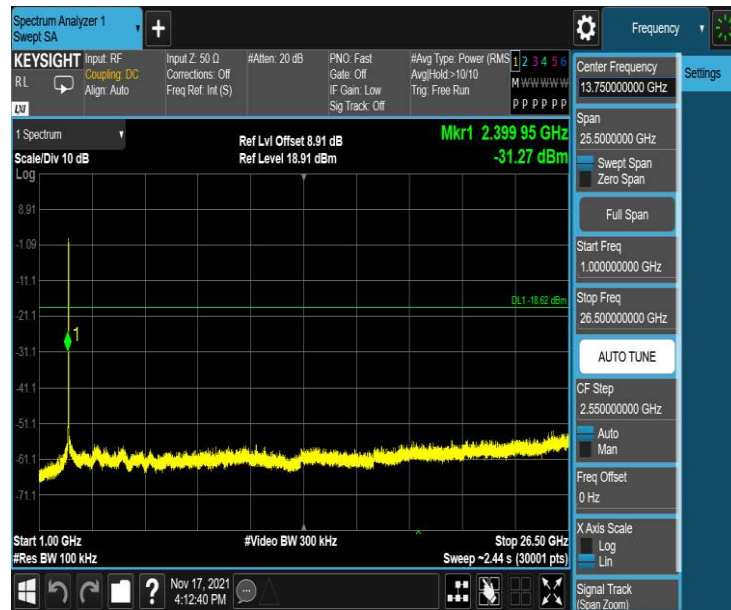
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference