

Appendix A: DTS Bandwidth

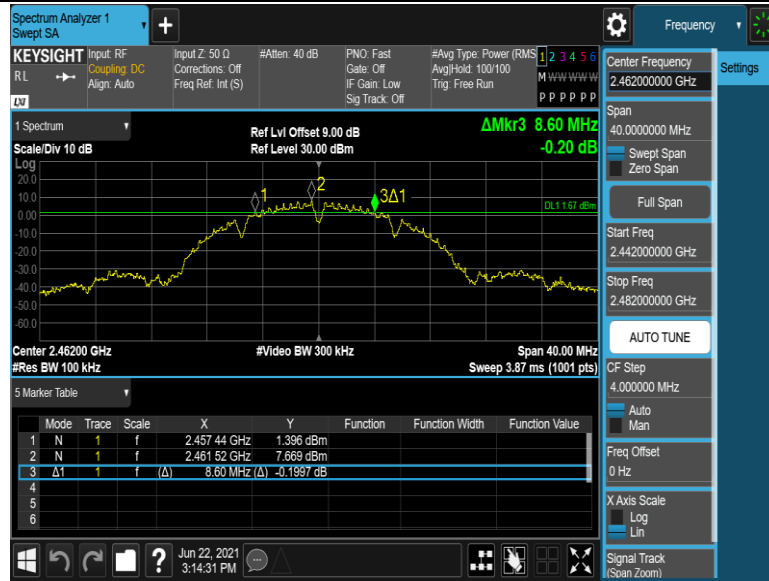
Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.640	2407.440	2416.080	>=0.5	PASS
		2437	8.640	2432.920	2441.560	>=0.5	PASS
		2462	8.600	2457.440	2466.040	>=0.5	PASS
11G	Ant1	2412	10.560	2407.760	2418.320	>=0.5	PASS
		2437	10.040	2431.960	2442.000	>=0.5	PASS
		2462	9.480	2457.560	2467.040	>=0.5	PASS
11N20SISO	Ant1	2412	8.960	2408.120	2417.080	>=0.5	PASS
		2437	9.160	2432.920	2442.080	>=0.5	PASS
		2462	8.000	2457.800	2465.800	>=0.5	PASS
11N40SISO	Ant1	2422	28.880	2406.960	2435.840	>=0.5	PASS
		2437	30.240	2420.600	2450.840	>=0.5	PASS
		2452	28.880	2436.960	2465.840	>=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



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

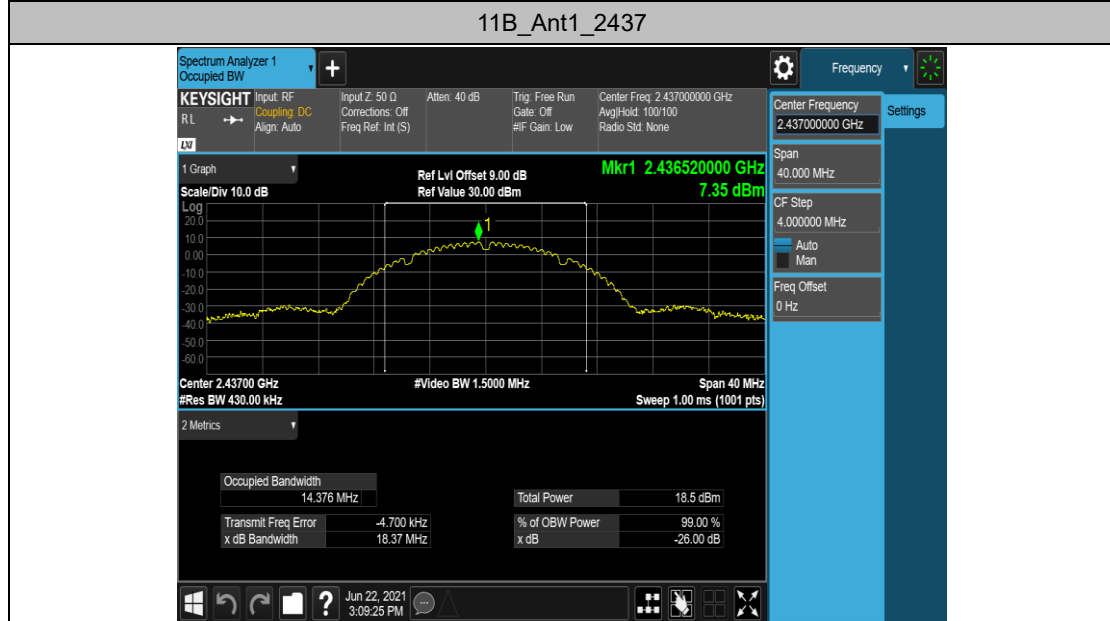
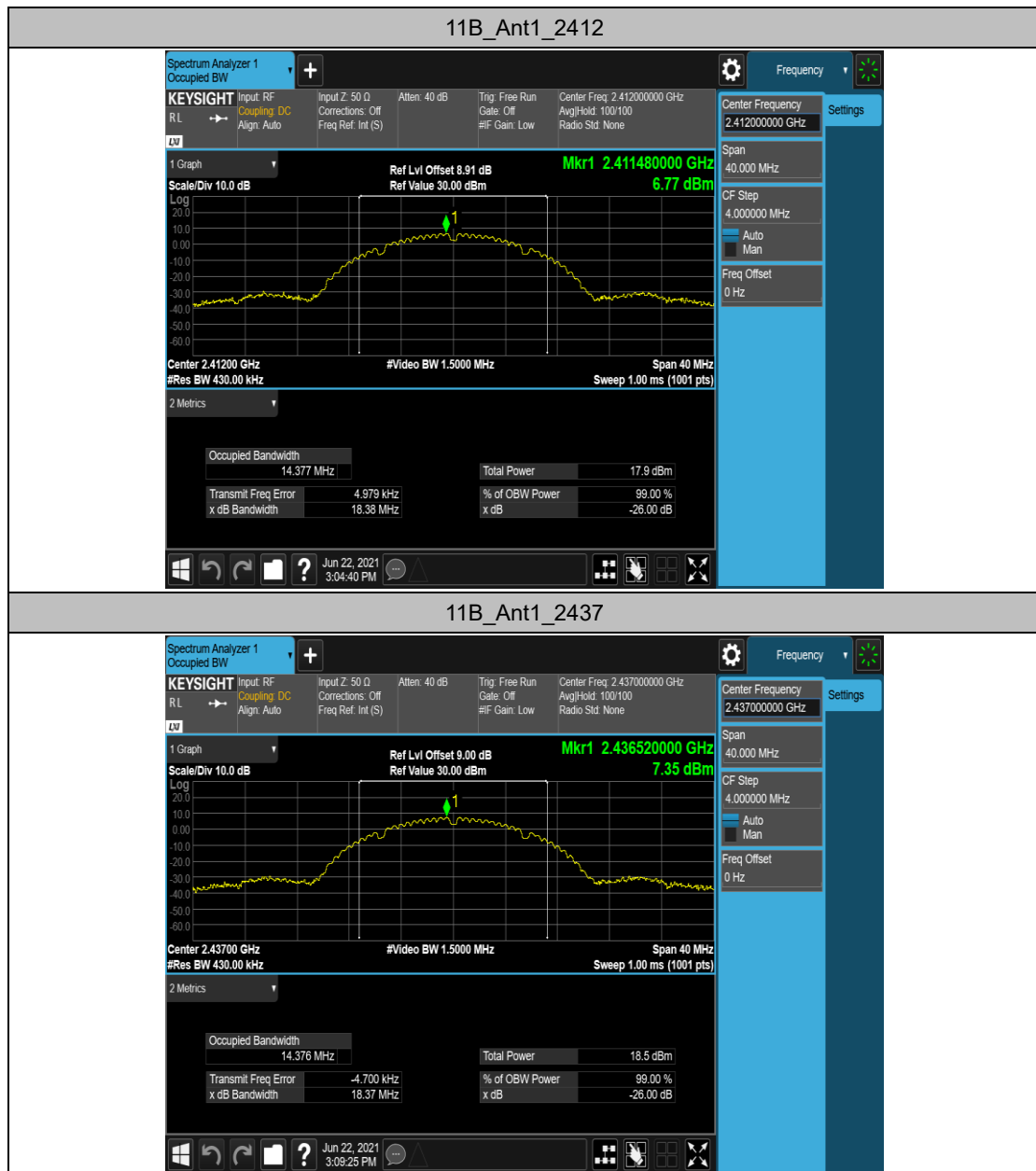


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.377	2404.816	2419.193	---	PASS
		2437	14.376	2429.807	2444.183	---	PASS
		2462	14.457	2454.801	2469.258	---	PASS
11G	Ant1	2412	15.970	2404.044	2420.014	---	PASS
		2437	15.981	2429.011	2444.992	---	PASS
		2462	16.036	2453.941	2469.977	---	PASS
11N20SISO	Ant1	2412	16.727	2403.649	2420.376	---	PASS
		2437	16.717	2428.616	2445.333	---	PASS
		2462	16.781	2453.556	2470.337	---	PASS
11N40SISO	Ant1	2422	35.361	2404.297	2439.658	---	PASS
		2437	35.343	2419.258	2454.601	---	PASS
		2452	35.442	2434.143	2469.585	---	PASS

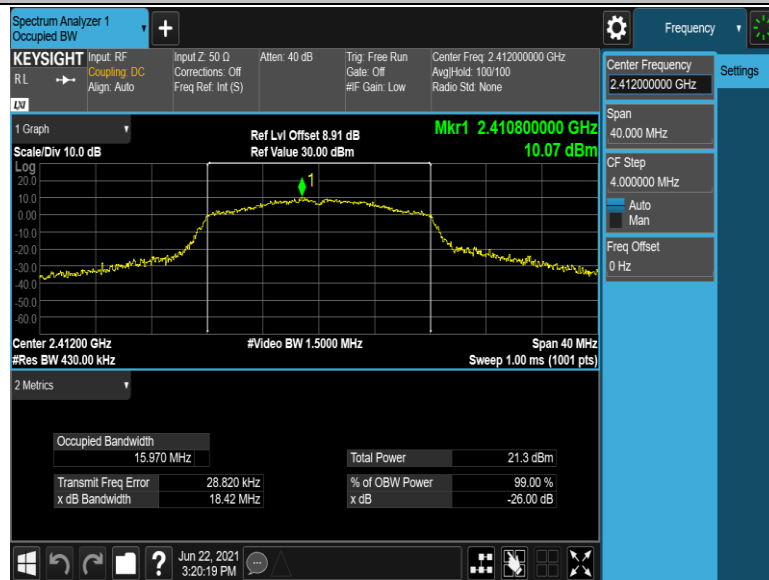
Test Graphs



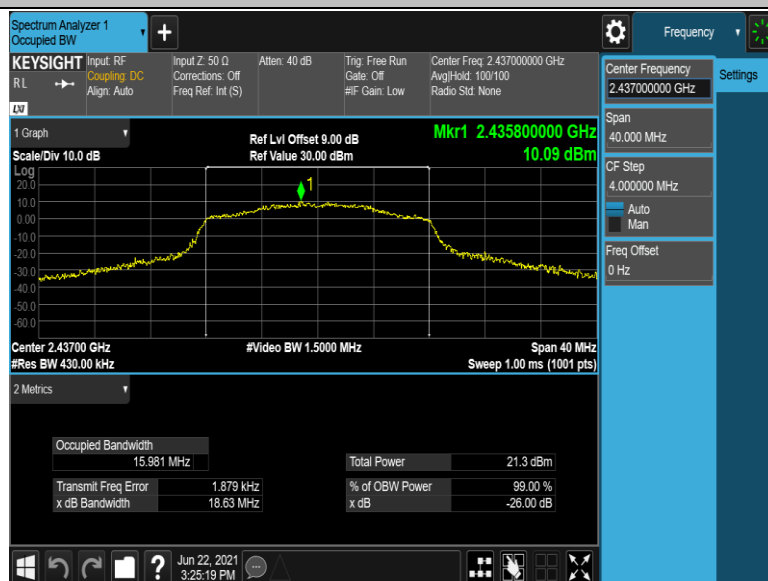
11B_Ant1_2462



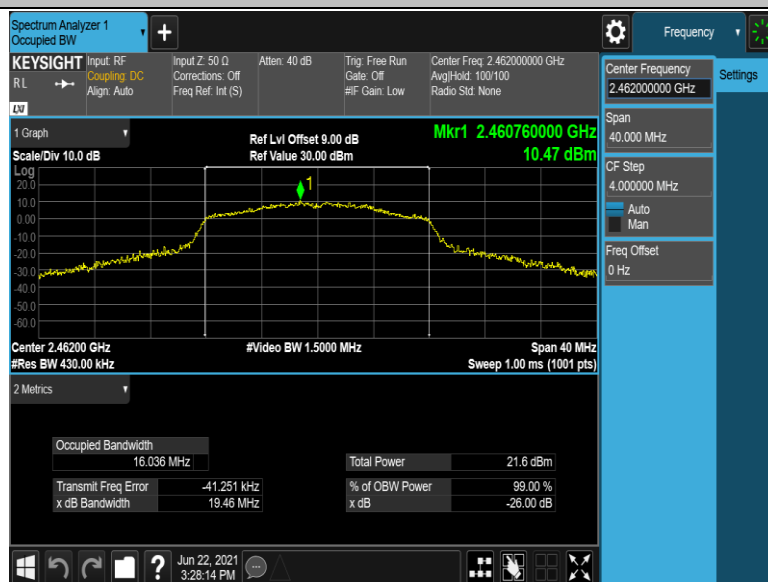
11G_Ant1_2412



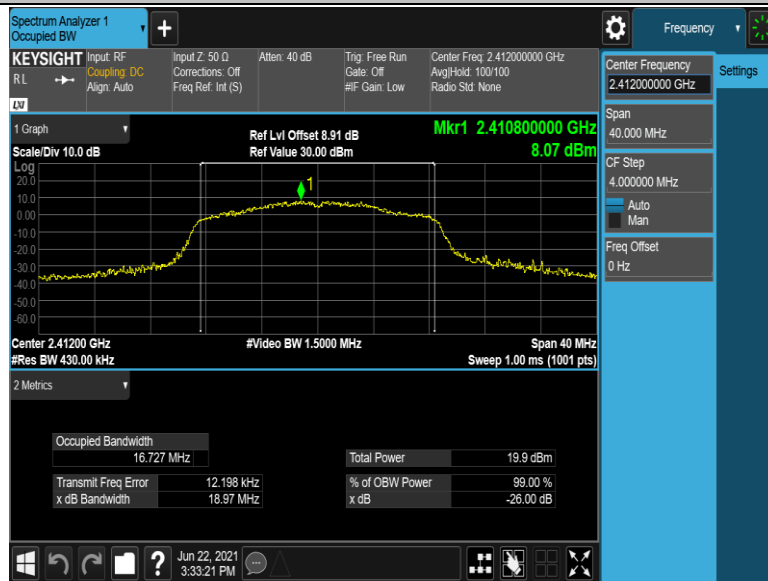
11G_Ant1_2437



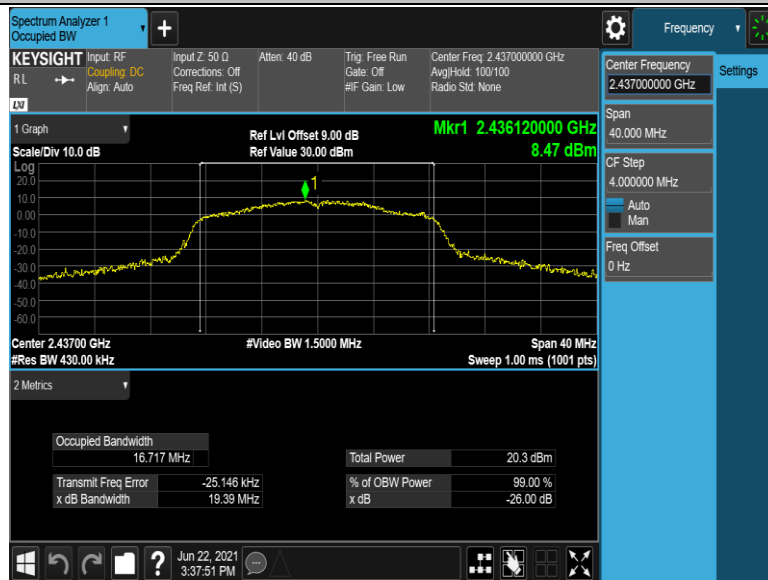
11G_Ant1_2462



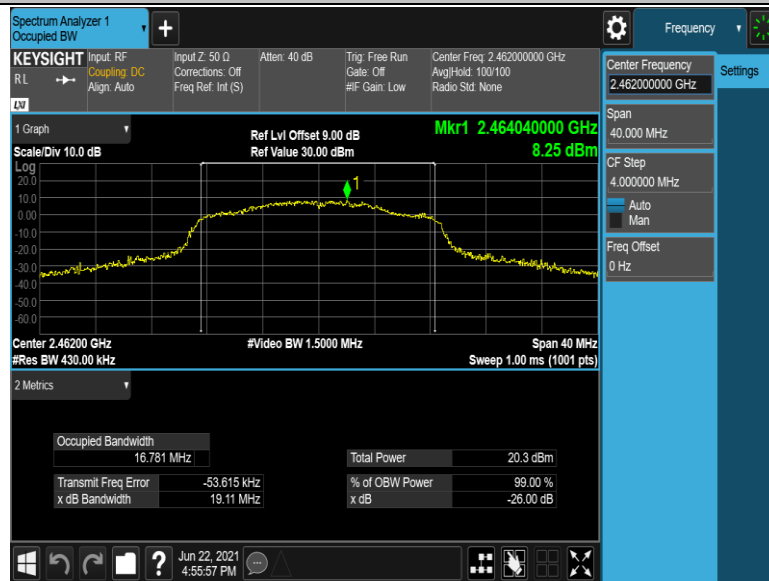
11N20SISO_Ant1_2412



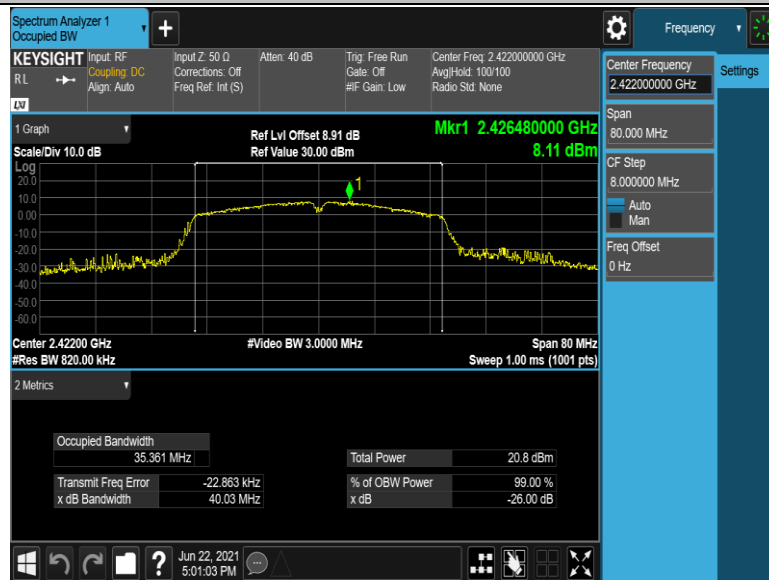
11N20SISO_Ant1_2437



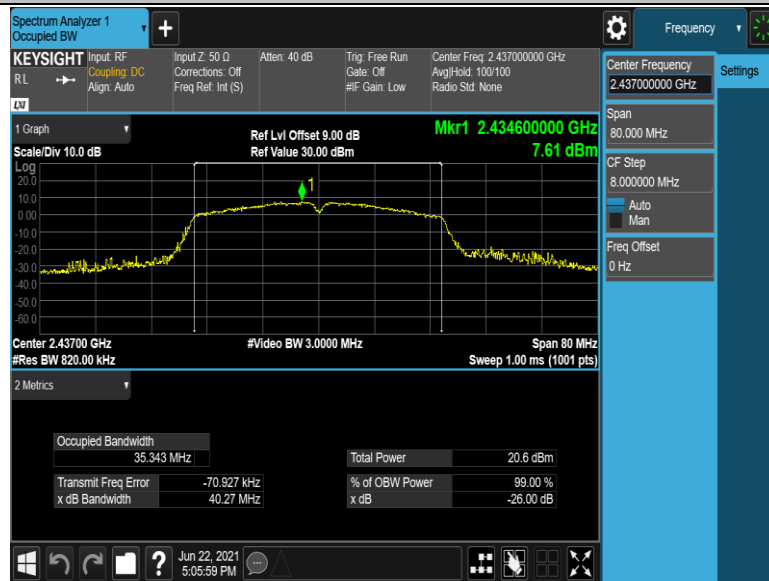
11N20SISO_Ant1_2462



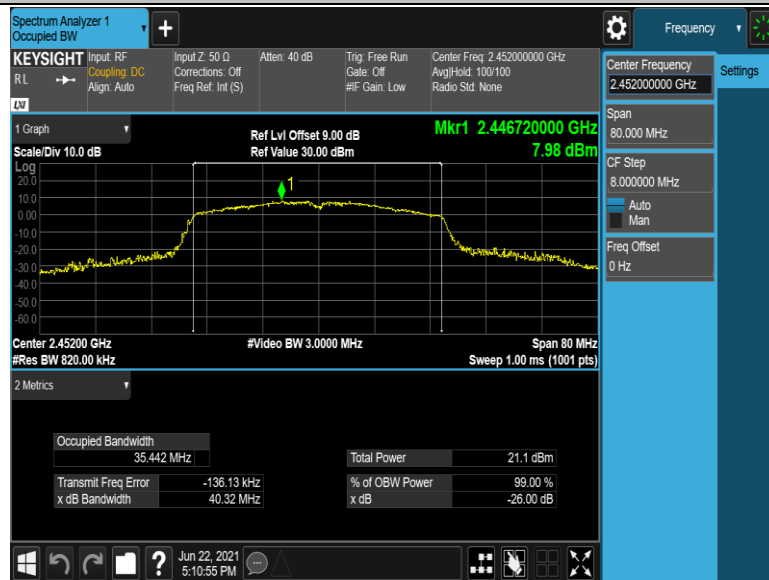
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.80	<=30	PASS
		2437	15.48	<=30	PASS
		2462	16.38	<=30	PASS
11G	Ant1	2412	15.18	<=30	PASS
		2437	15.12	<=30	PASS
		2462	15.50	<=30	PASS
11N20SISO	Ant1	2412	13.78	<=30	PASS
		2437	14.25	<=30	PASS
		2462	13.99	<=30	PASS
11N40SISO	Ant1	2422	13.92	<=30	PASS
		2437	13.77	<=30	PASS
		2452	14.26	<=30	PASS

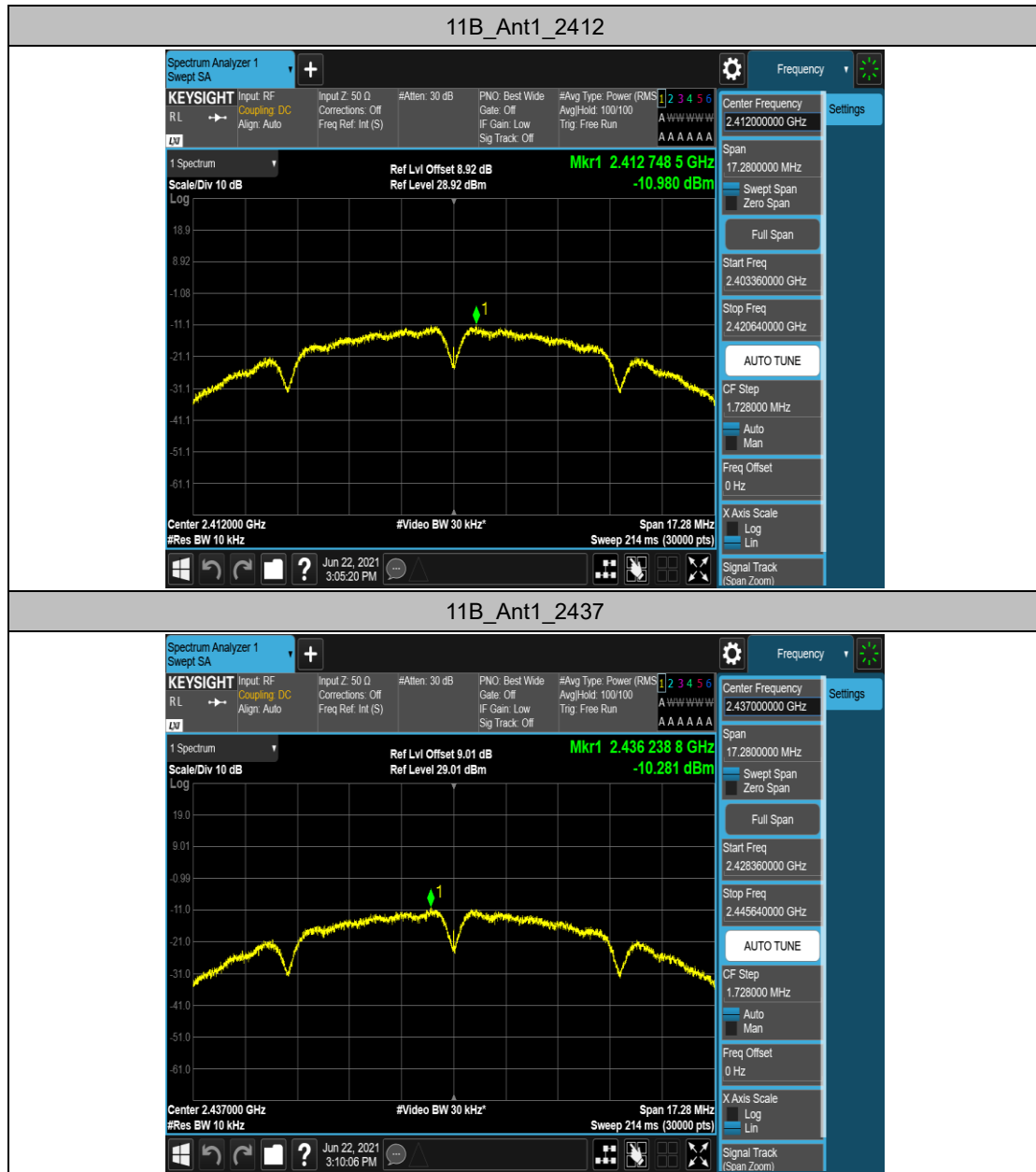
TestMode	Antenna	Channel	e.i.r.p Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	13.80	<=36	PASS
		2437	14.48	<=36	PASS
		2462	15.38	<=36	PASS
11G	Ant1	2412	14.18	<=36	PASS
		2437	14.12	<=36	PASS
		2462	14.50	<=36	PASS
11N20SISO	Ant1	2412	12.78	<=36	PASS
		2437	13.25	<=36	PASS
		2462	12.99	<=36	PASS
11N40SISO	Ant1	2422	12.92	<=36	PASS
		2437	12.77	<=36	PASS
		2452	13.26	<=36	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.98	<=8	PASS
		2437	-10.28	<=8	PASS
		2462	-9.74	<=8	PASS
11G	Ant1	2412	-9.83	<=8	PASS
		2437	-9.41	<=8	PASS
		2462	-9.84	<=8	PASS
11N20SISO	Ant1	2412	-11.81	<=8	PASS
		2437	-11.36	<=8	PASS
		2462	-11.31	<=8	PASS
11N40SISO	Ant1	2422	-13.43	<=8	PASS
		2437	-13.51	<=8	PASS
		2452	-12.47	<=8	PASS

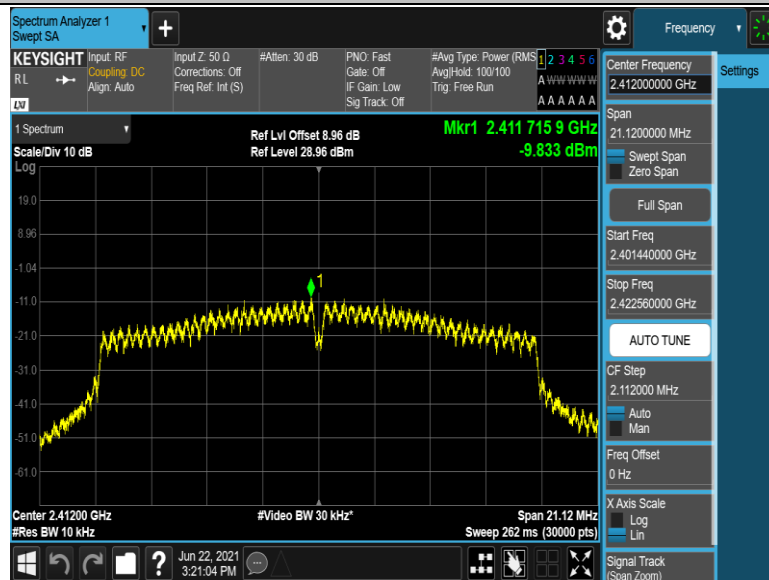
Test Graphs



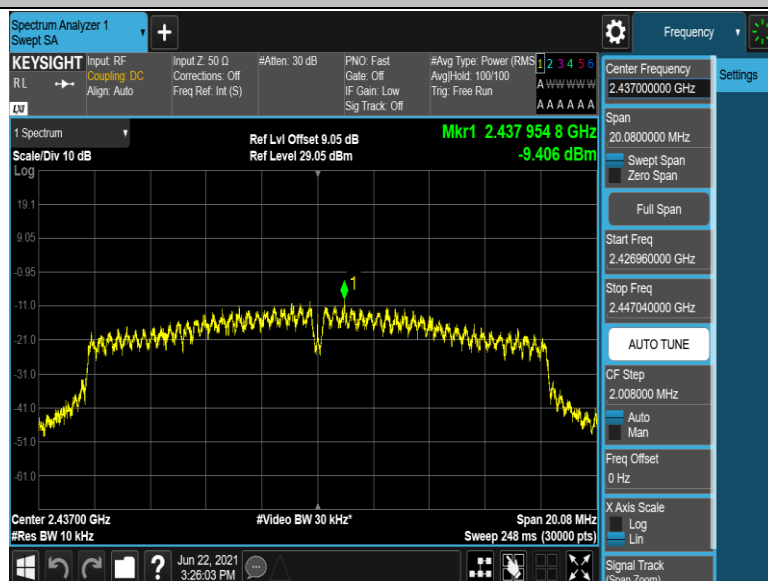
11B_Ant1_2462



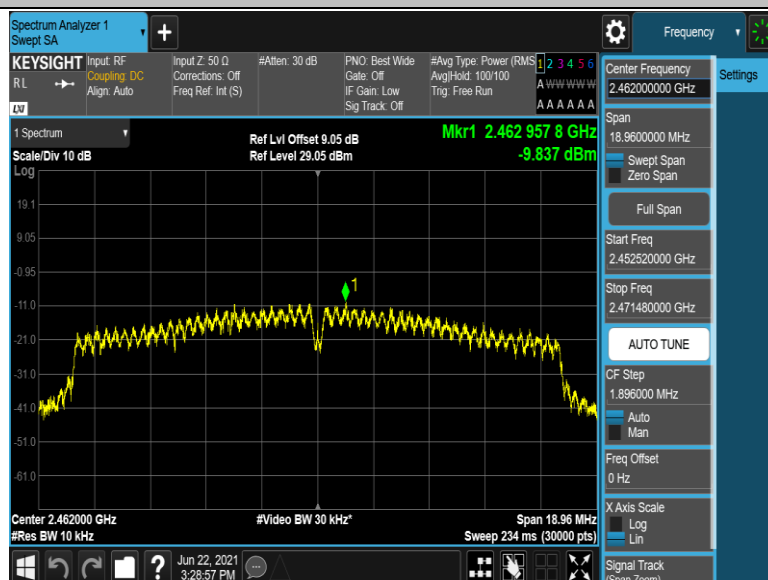
11G_Ant1_2412



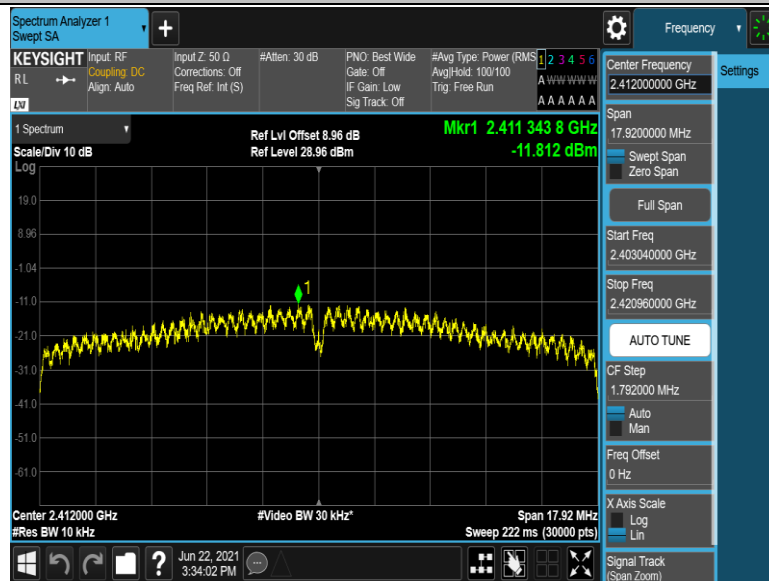
11G_Ant1_2437



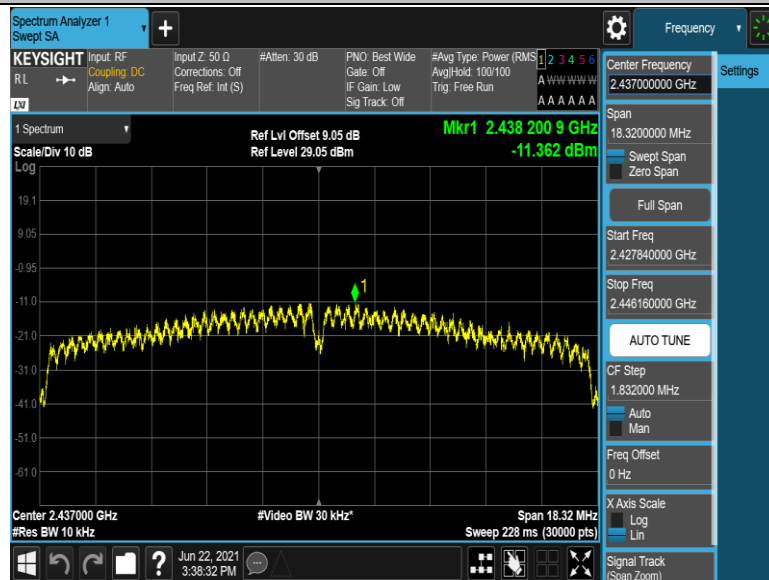
11G_Ant1_2462



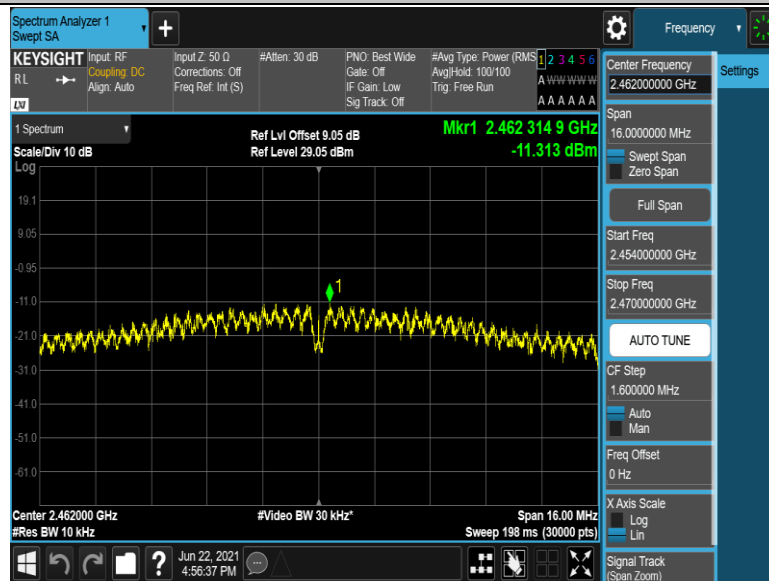
11N20SISO_Ant1_2412



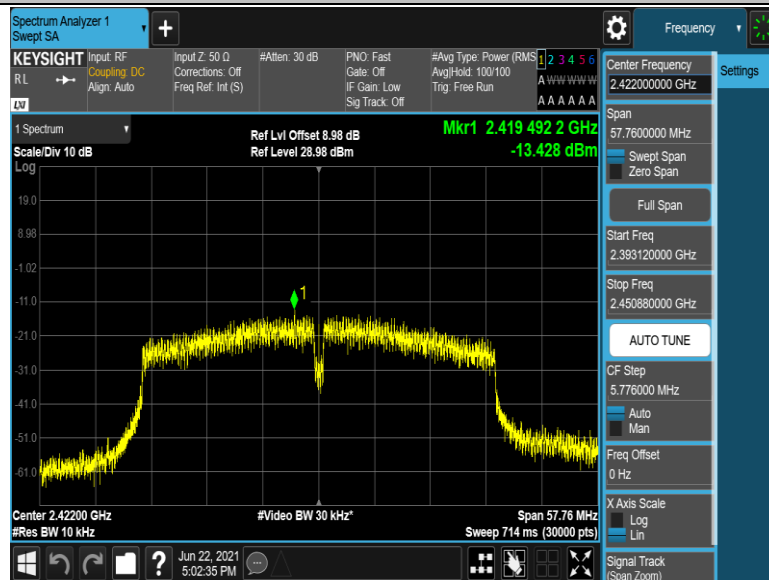
11N20SISO_Ant1_2437



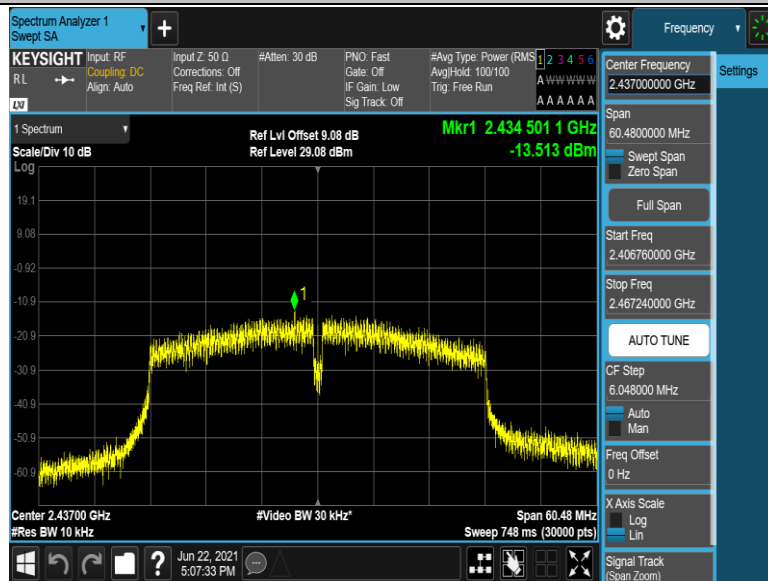
11N20SISO_Ant1_2462



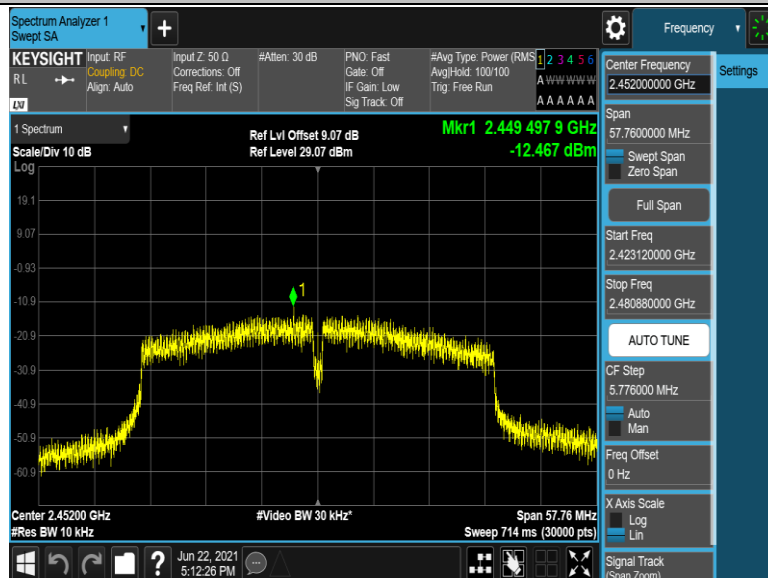
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

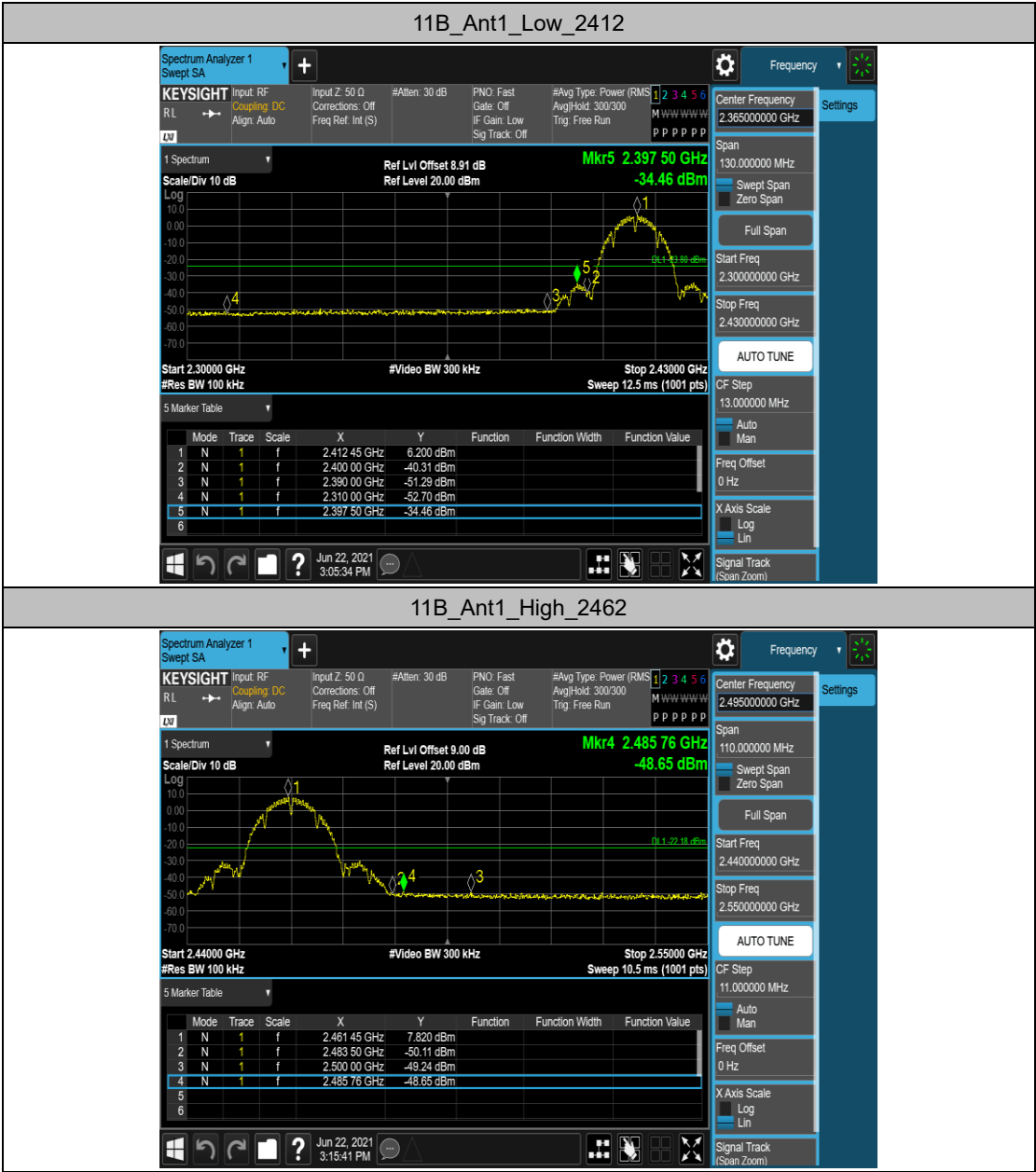


Appendix E: Band edge measurements

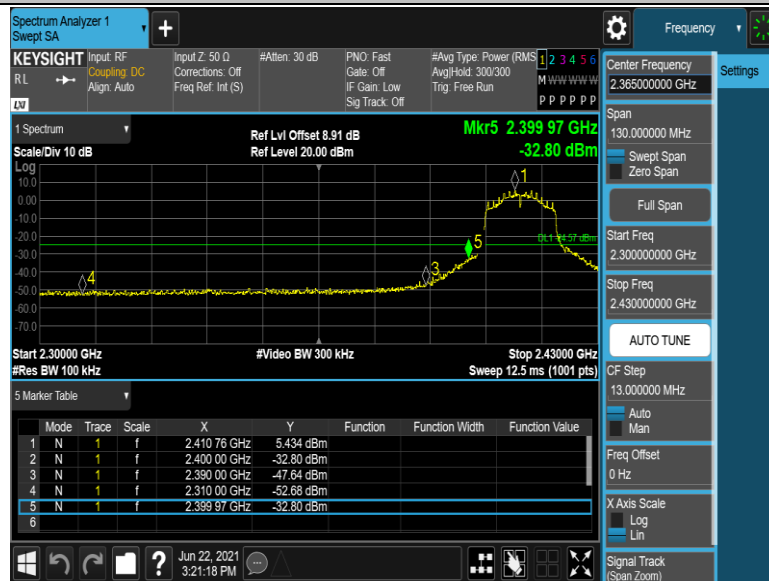
Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.20	-34.46	<=-23.8	PASS
		High	2462	7.82	-48.66	<=-22.18	PASS
11G	Ant1	Low	2412	5.43	-32.8	<=-24.57	PASS
		High	2462	6.33	-41.14	<=-23.67	PASS
11N20SISO	Ant1	Low	2412	4.41	-38.17	<=-25.59	PASS
		High	2462	5.47	-44.69	<=-24.53	PASS
11N40SISO	Ant1	Low	2422	1.68	-33.58	<=-28.32	PASS
		High	2452	2.01	-32.36	<=-27.99	PASS

Test Graphs



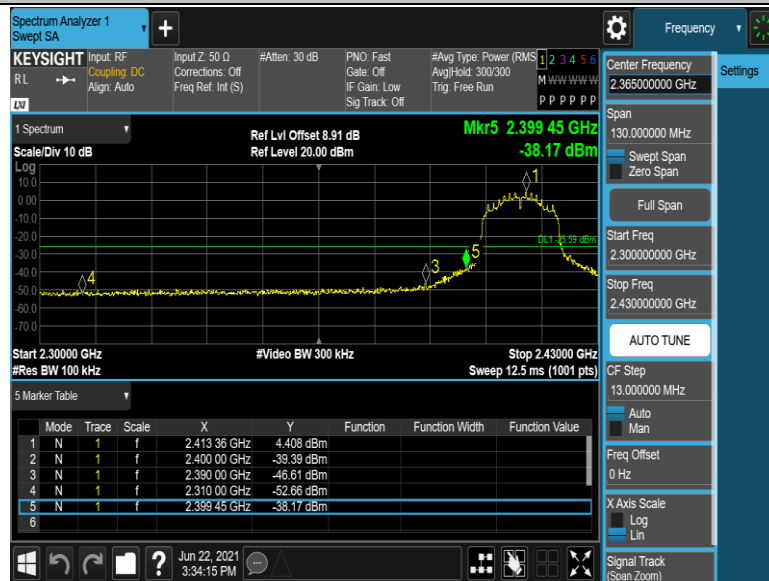
11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

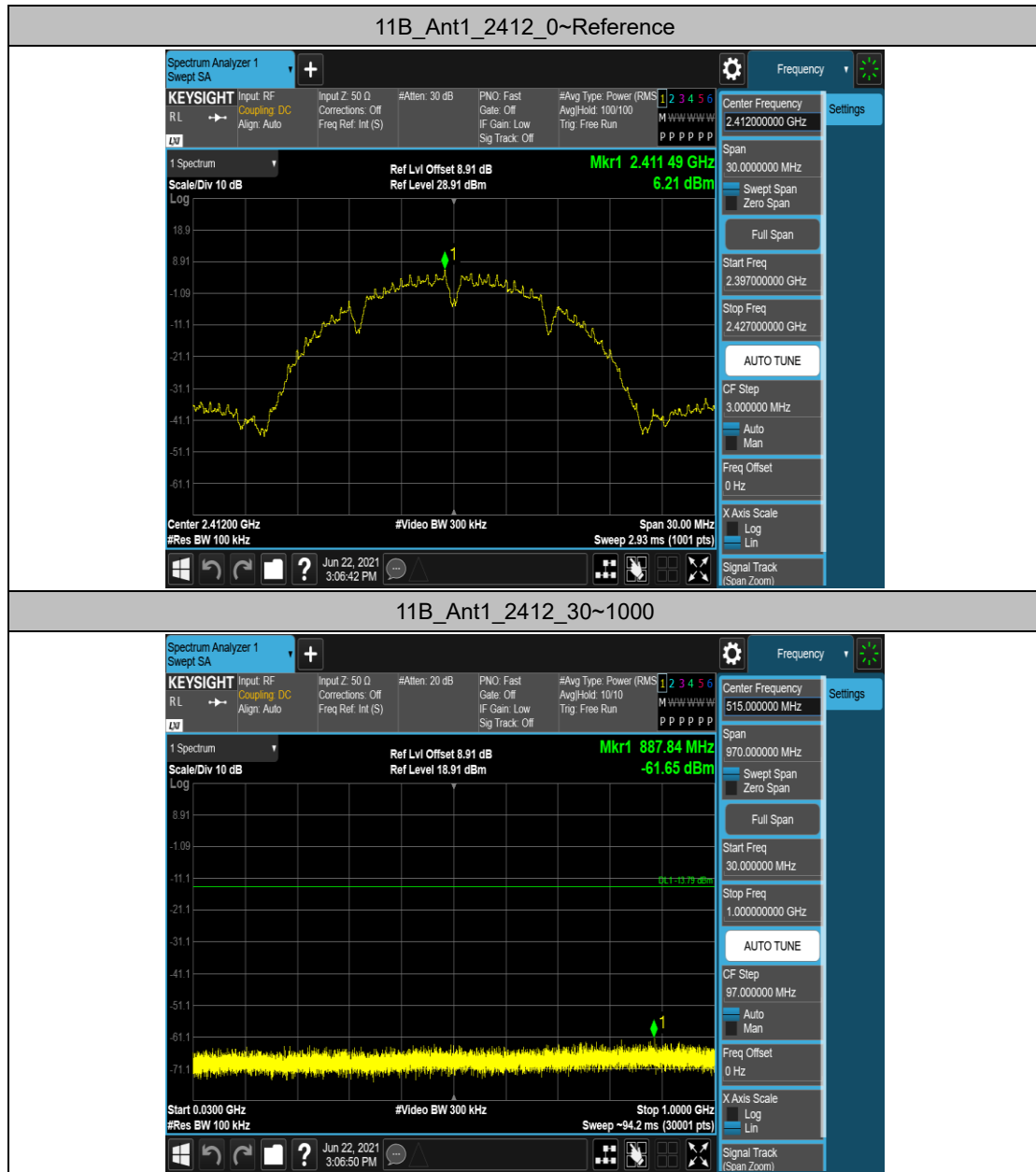


Appendix F: Conducted Spurious Emission

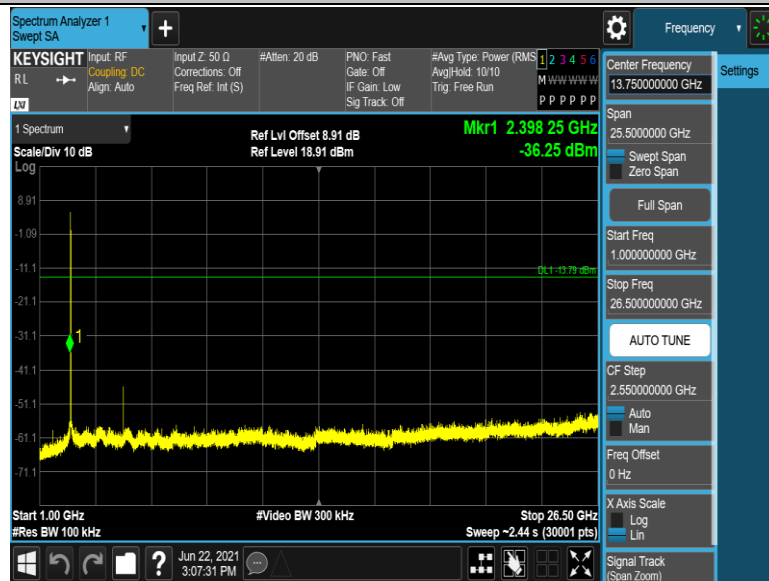
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.21	6.21	---	PASS
			30~1000	30~1000	-61.655	<=-13.79	PASS
			1000~26500	1000~26500	-36.248	<=-13.79	PASS
		2437	Reference	6.42	6.42	---	PASS
			30~1000	30~1000	-61.071	<=-13.576	PASS
			1000~26500	1000~26500	-44.693	<=-13.576	PASS
		2462	Reference	7.76	7.76	---	PASS
			30~1000	30~1000	-62.046	<=-12.242	PASS
			1000~26500	1000~26500	-44.231	<=-12.242	PASS
11G	Ant1	2412	Reference	3.41	3.41	---	PASS
			30~1000	30~1000	-61.472	<=-16.587	PASS
			1000~26500	1000~26500	-34.716	<=-16.587	PASS
		2437	Reference	6.25	6.25	---	PASS
			30~1000	30~1000	-61.767	<=-13.746	PASS
			1000~26500	1000~26500	-51.376	<=-13.746	PASS
		2462	Reference	6.39	6.39	---	PASS
			30~1000	30~1000	-62.059	<=-13.609	PASS
			1000~26500	1000~26500	-44	<=-13.609	PASS
11N20SISO	Ant1	2412	Reference	5.16	5.16	---	PASS
			30~1000	30~1000	-61.872	<=-14.844	PASS
			1000~26500	1000~26500	-38.558	<=-14.844	PASS
		2437	Reference	2.94	2.94	---	PASS
			30~1000	30~1000	-61.607	<=-17.062	PASS
			1000~26500	1000~26500	-52.755	<=-17.062	PASS
		2462	Reference	5.44	5.44	---	PASS
			30~1000	30~1000	-61.522	<=-14.556	PASS
			1000~26500	1000~26500	-47.493	<=-14.556	PASS
11N40SISO	Ant1	2422	Reference	1.62	1.62	---	PASS
			30~1000	30~1000	-52.488	<=-18.383	PASS
			1000~26500	1000~26500	-33.504	<=-18.383	PASS
		2437	Reference	0.97	0.97	---	PASS
			30~1000	30~1000	-61.929	<=-19.033	PASS
			1000~26500	1000~26500	-44.86	<=-19.033	PASS
		2452	Reference	1.34	1.34	---	PASS
			30~1000	30~1000	-61.706	<=-18.661	PASS
			1000~26500	1000~26500	-32.849	<=-18.661	PASS

Test Graphs



11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference

