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	8.160	2432.920	2441.080	>=0.5	PASS
		2462	9.120	2457.440	2466.560	>=0.5	PASS
11G	Ant1	2412	12.640	2405.680	2418.320	>=0.5	PASS
		2437	13.880	2429.440	2443.320	>=0.5	PASS
		2462	12.560	2454.480	2467.040	>=0.5	PASS
11N20SISO	Ant1	2412	11.360	2406.920	2418.280	>=0.5	PASS
		2437	8.840	2431.960	2440.800	>=0.5	PASS
		2462	10.120	2456.960	2467.080	>=0.5	PASS
11N40SISO	Ant1	2422	28.960	2406.880	2435.840	>=0.5	PASS
		2437	30.160	2420.680	2450.840	>=0.5	PASS
		2452	31.440	2434.400	2465.840	>=0.5	PASS

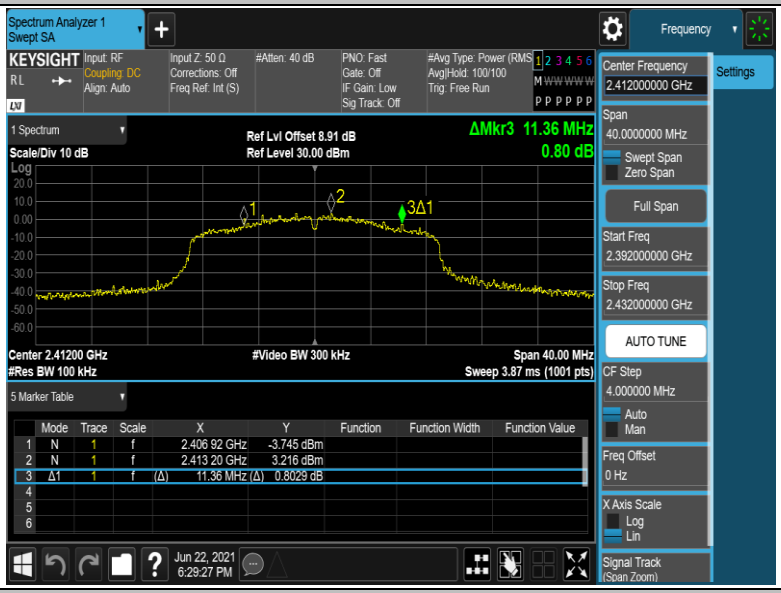
Test Graphs

11B_Ant1_2412
11B_Ant1_2437

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

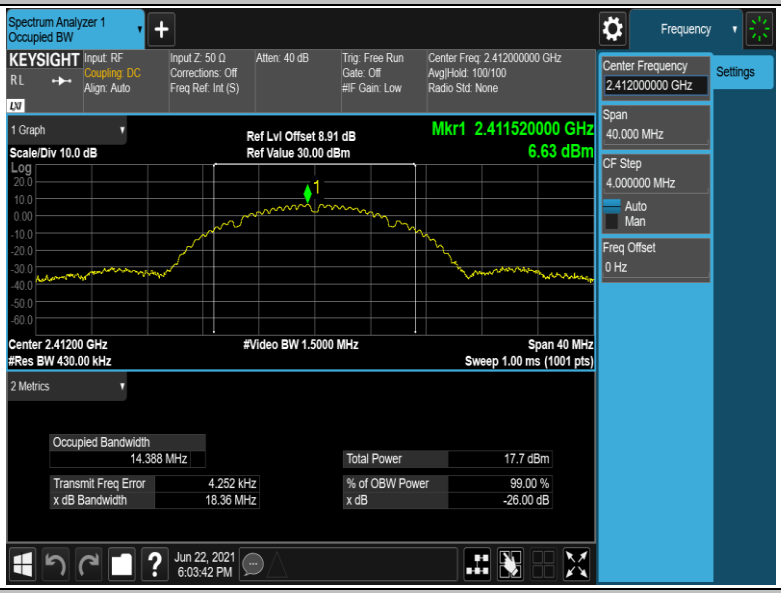
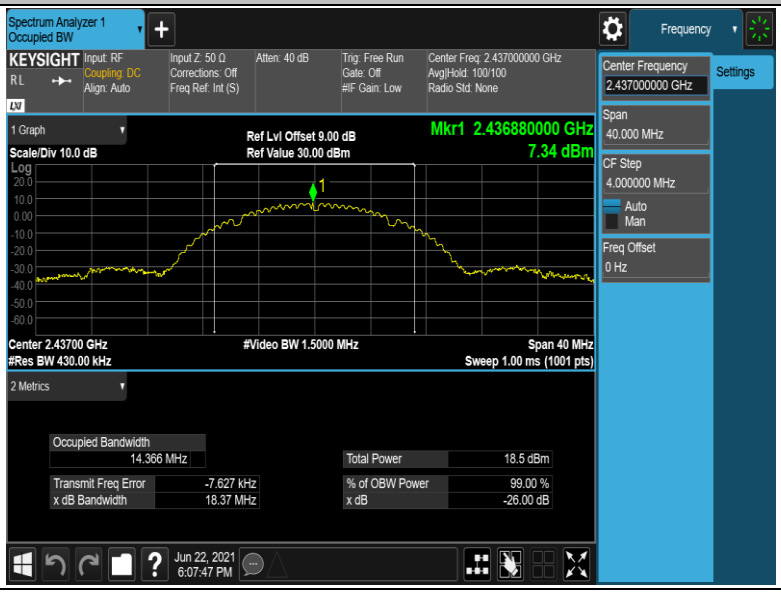
11N40SISO_Ant1_2452

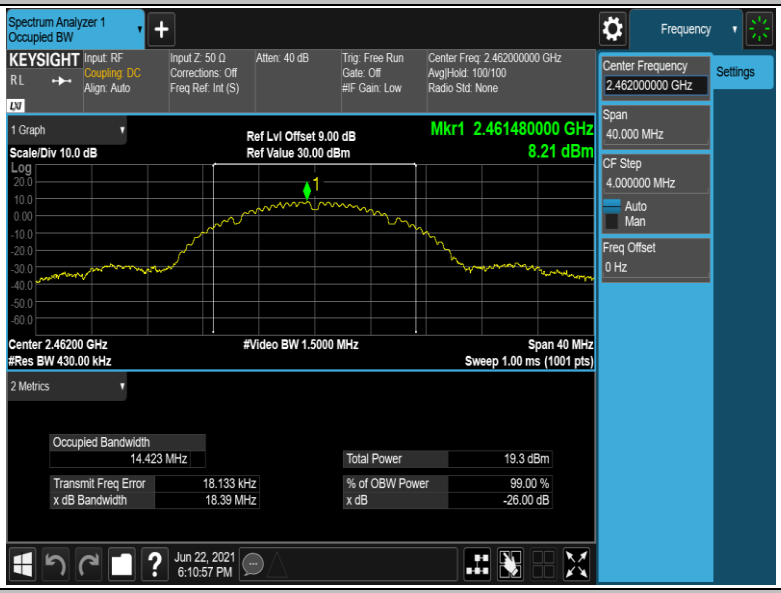
Appendix B: Occupied Channel Bandwidth

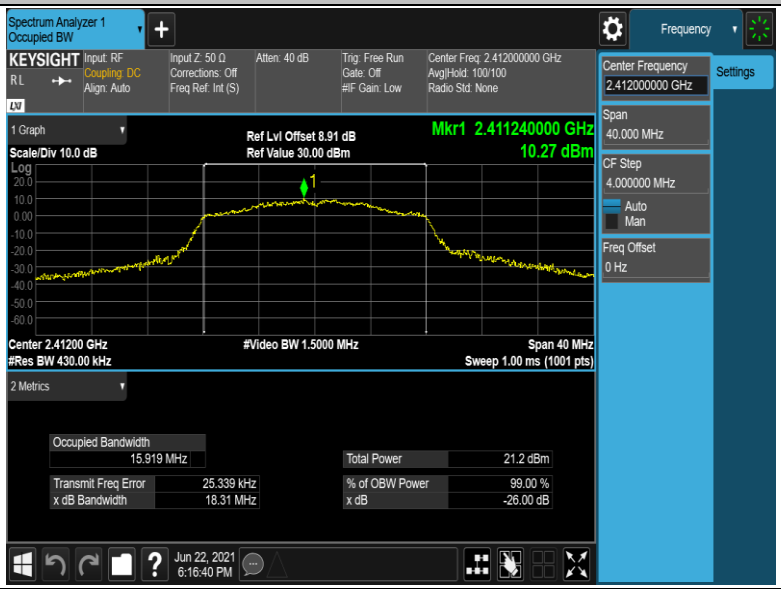
Test Result

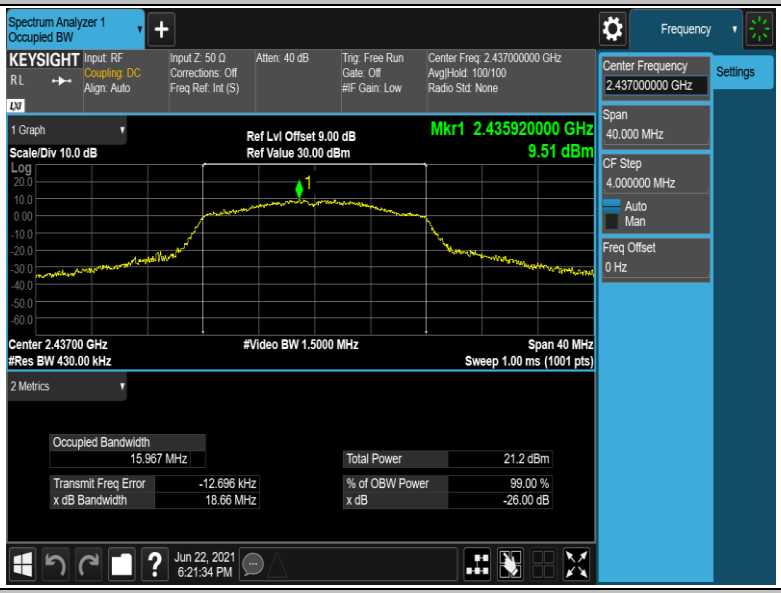
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.388	2404.810	2419.198	---	PASS
		2437	14.366	2429.809	2444.175	---	PASS
		2462	14.423	2454.807	2469.230	---	PASS
11G	Ant1	2412	15.919	2404.066	2419.985	---	PASS
		2437	15.967	2429.004	2444.971	---	PASS
		2462	16.063	2453.949	2470.012	---	PASS
11N20SISO	Ant1	2412	16.704	2403.633	2420.337	---	PASS
		2437	16.693	2428.648	2445.341	---	PASS
		2462	16.806	2453.540	2470.346	---	PASS
11N40SISO	Ant1	2422	35.426	2404.232	2439.658	---	PASS
		2437	35.339	2419.249	2454.588	---	PASS
		2452	35.417	2434.208	2469.625	---	PASS

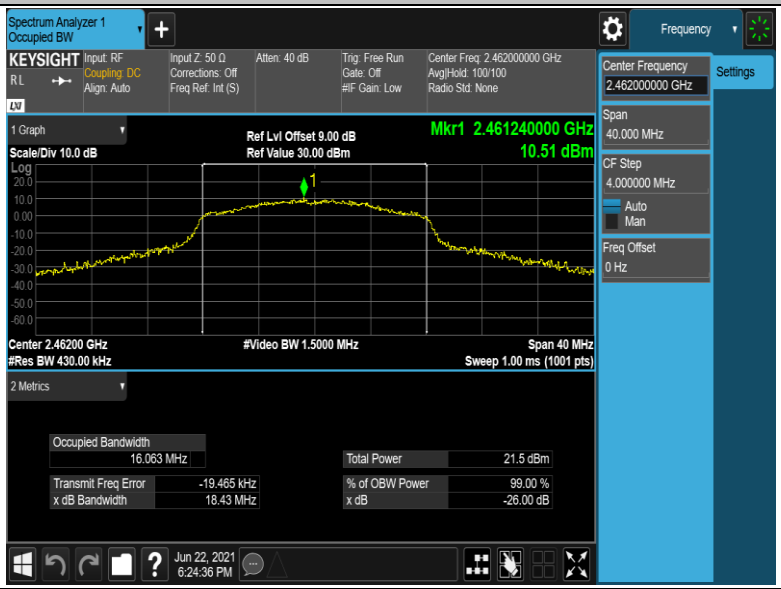
Test Graphs

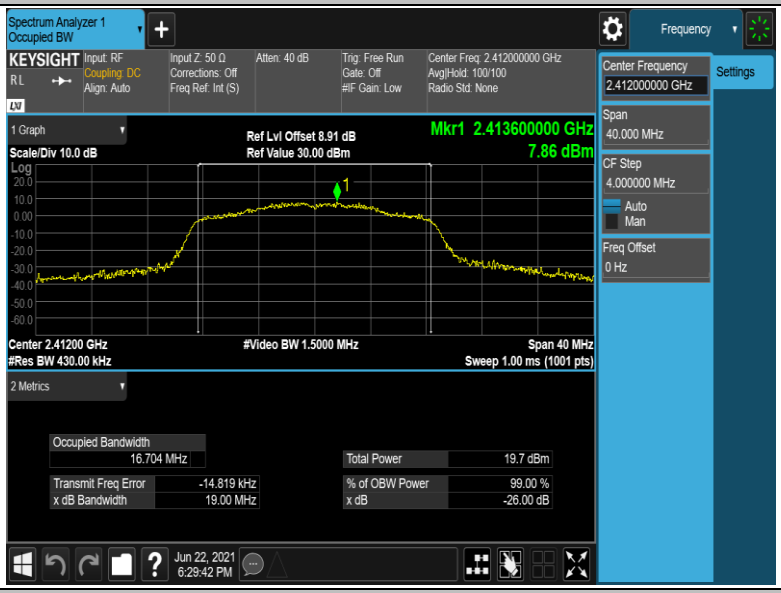
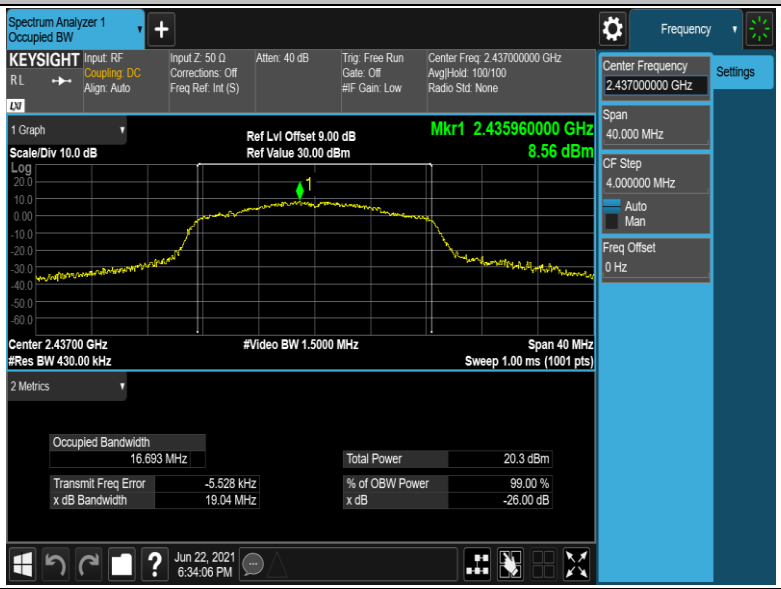
11B_Ant1_2412

11B_Ant1_2437


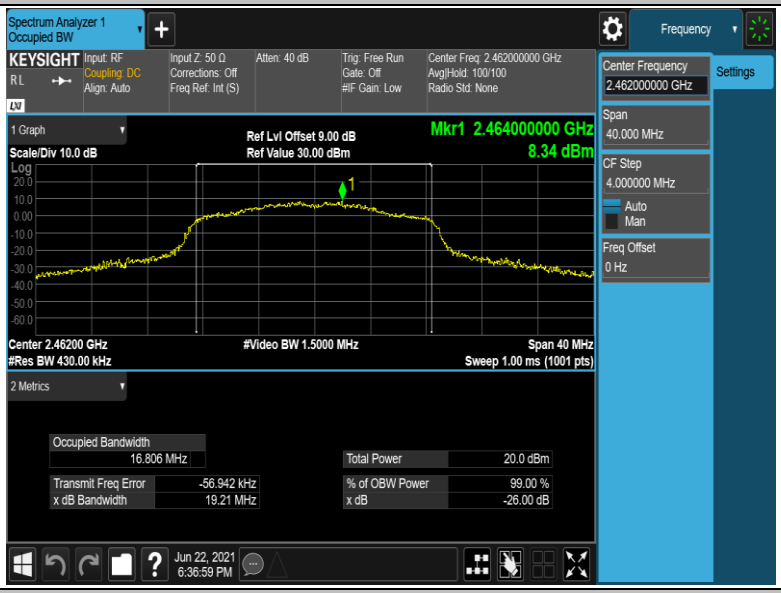
11B_Ant1_2462


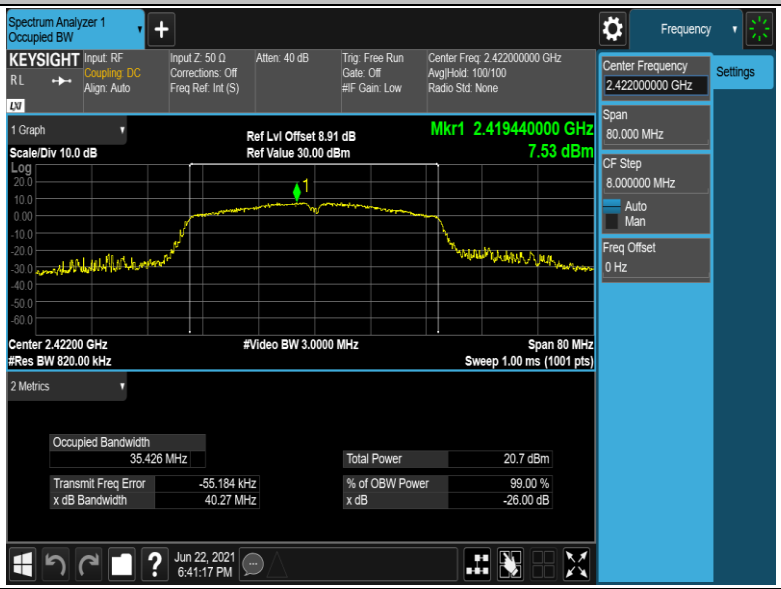
11G_Ant1_2412


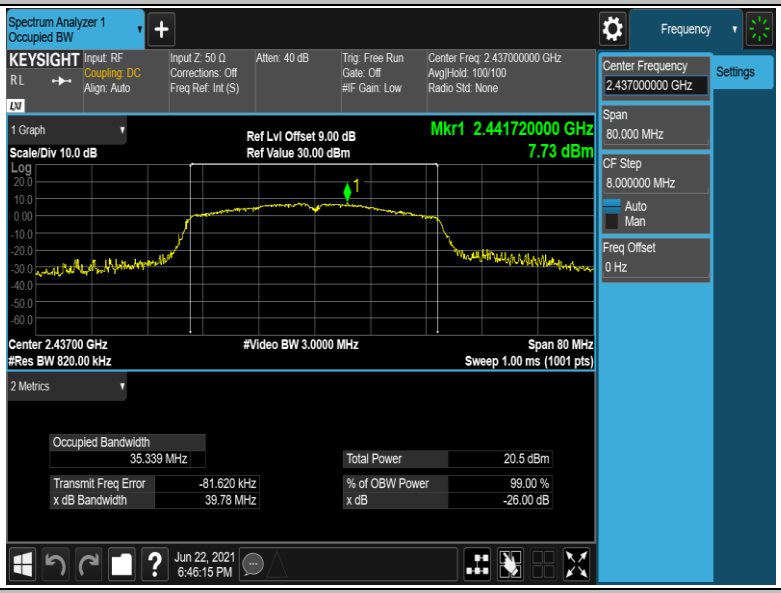
11G_Ant1_2437


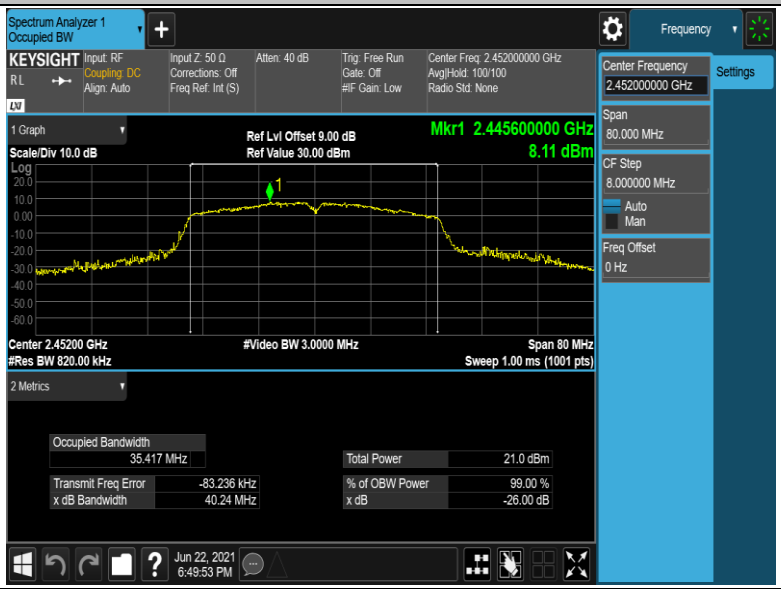
11G_Ant1_2462


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	14.72	<=30	PASS
		2437	15.43	<=30	PASS
		2462	16.32	<=30	PASS
11G	Ant1	2412	15.00	<=30	PASS
		2437	15.02	<=30	PASS
		2462	15.42	<=30	PASS
11N20SISO	Ant1	2412	13.59	<=30	PASS
		2437	14.11	<=30	PASS
		2462	13.92	<=30	PASS
11N40SISO	Ant1	2422	13.86	<=30	PASS
		2437	13.59	<=30	PASS
		2452	14.22	<=30	PASS

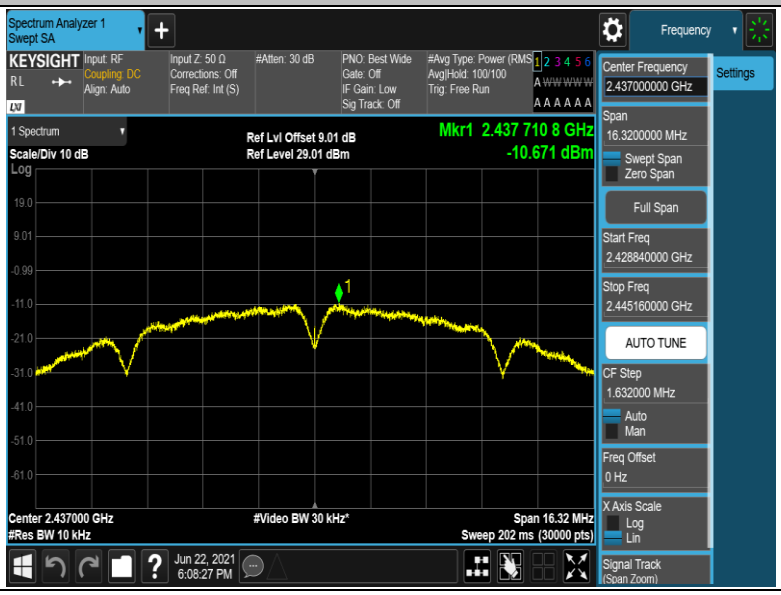
TestMode	Antenna	Channel	e.i.r.p Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	13.72	<=36	PASS
		2437	14.43	<=36	PASS
		2462	15.32	<=36	PASS
11G	Ant1	2412	14.00	<=36	PASS
		2437	14.02	<=36	PASS
		2462	14.42	<=36	PASS
11N20SISO	Ant1	2412	12.59	<=36	PASS
		2437	13.11	<=36	PASS
		2462	12.92	<=36	PASS
11N40SISO	Ant1	2422	12.86	<=36	PASS
		2437	12.59	<=36	PASS
		2452	13.22	<=36	PASS

Appendix D: Maximum power spectral density

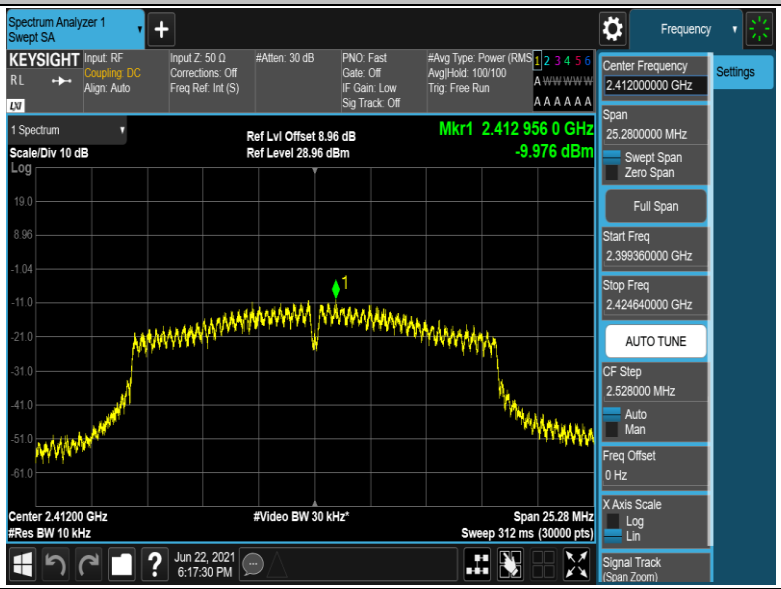
Test Result

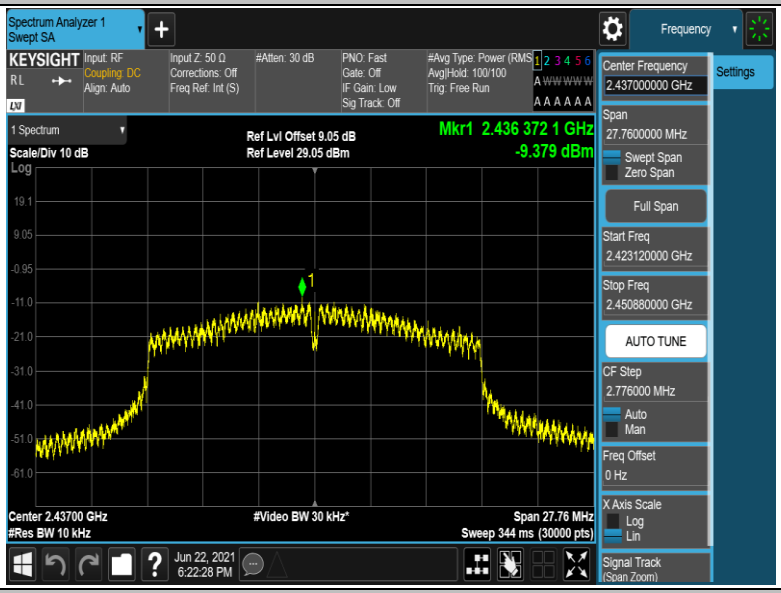
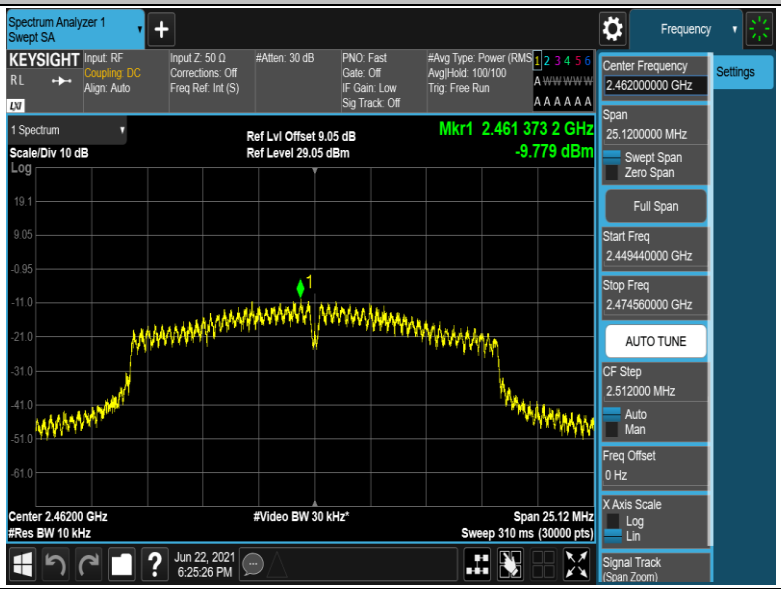
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.12	<=8	PASS
		2437	-10.67	<=8	PASS
		2462	-9.85	<=8	PASS
11G	Ant1	2412	-9.98	<=8	PASS
		2437	-9.38	<=8	PASS
		2462	-9.78	<=8	PASS
11N20SISO	Ant1	2412	-12.29	<=8	PASS
		2437	-11.5	<=8	PASS
		2462	-12.02	<=8	PASS
11N40SISO	Ant1	2422	-13.51	<=8	PASS
		2437	-13.24	<=8	PASS
		2452	-12.78	<=8	PASS

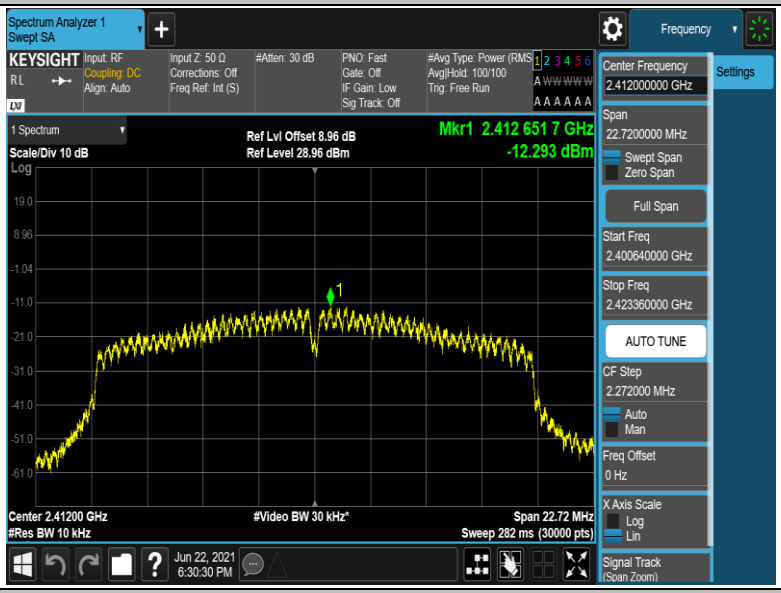
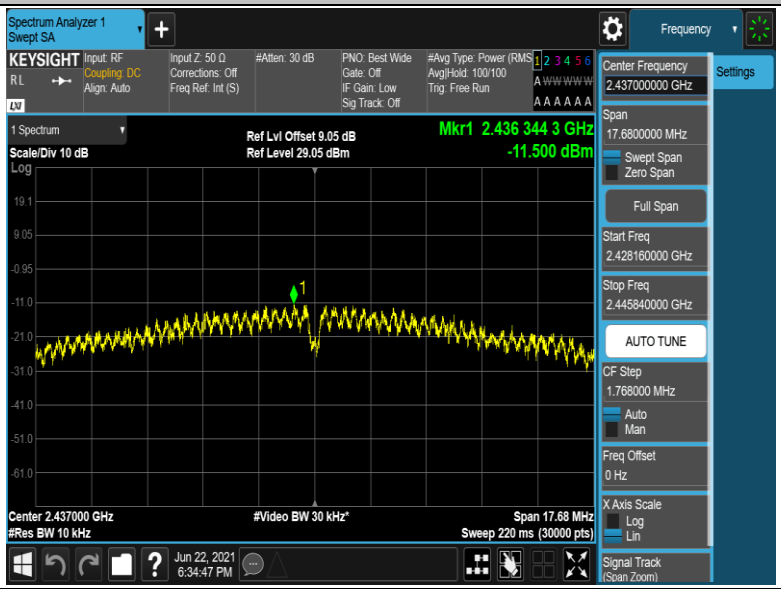
Test Graphs

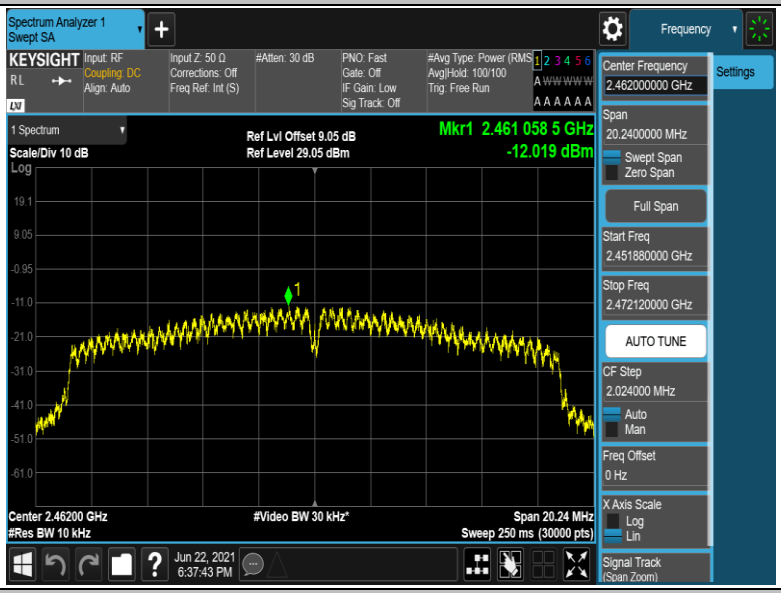
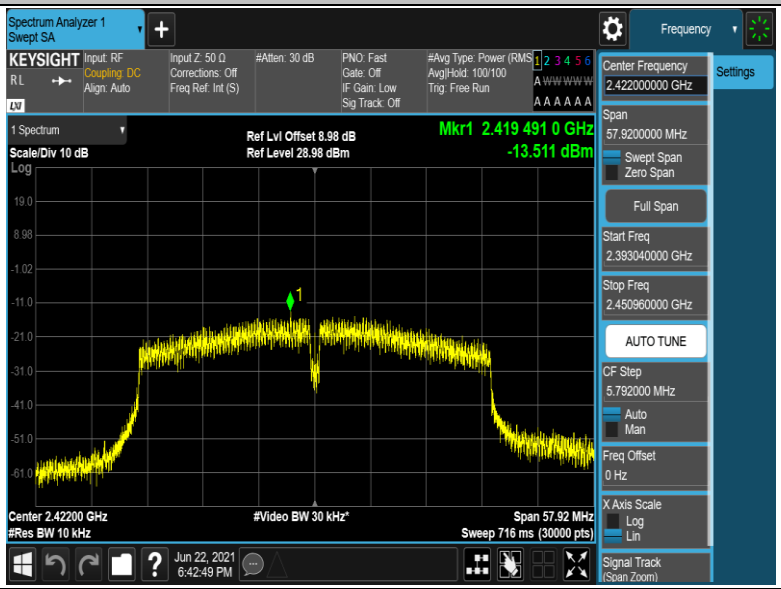
11B_Ant1_2412
11B_Ant1_2437


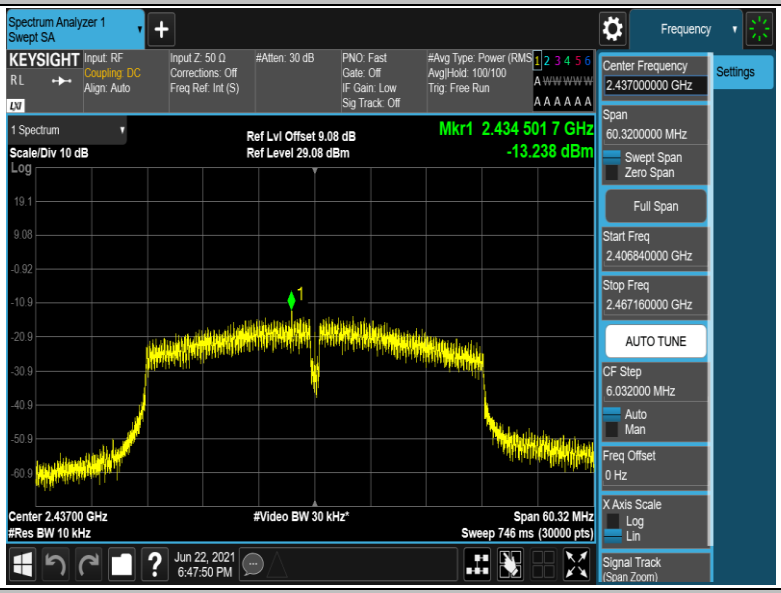
11B_Ant1_2462

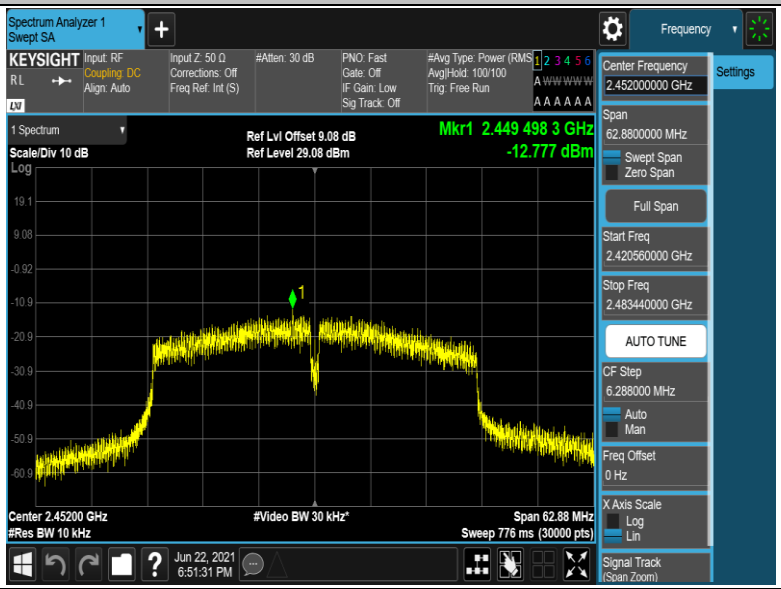
11G_Ant1_2412


11G_Ant1_2437

11G_Ant1_2462


11N20SISO_Ant1_2412

11N20SISO_Ant1_2437


11N20SISO_Ant1_2462

11N40SISO_Ant1_2422


11N40SISO_Ant1_2437


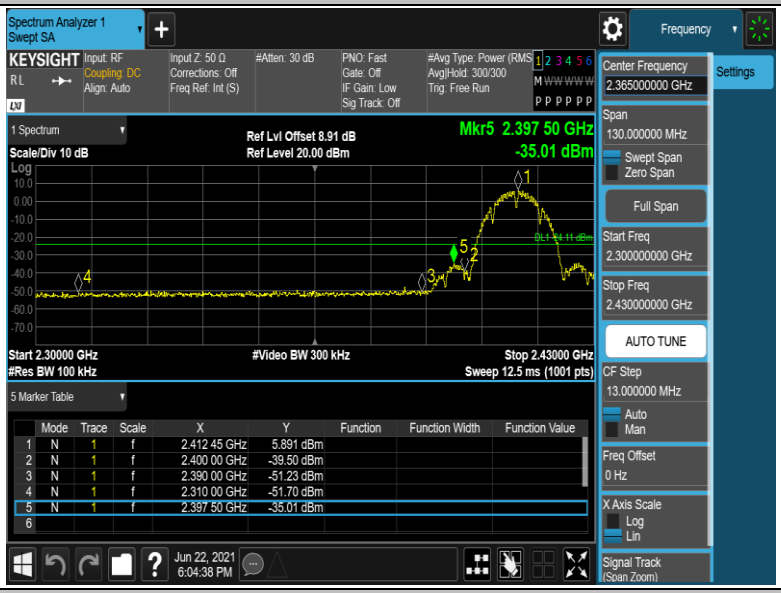
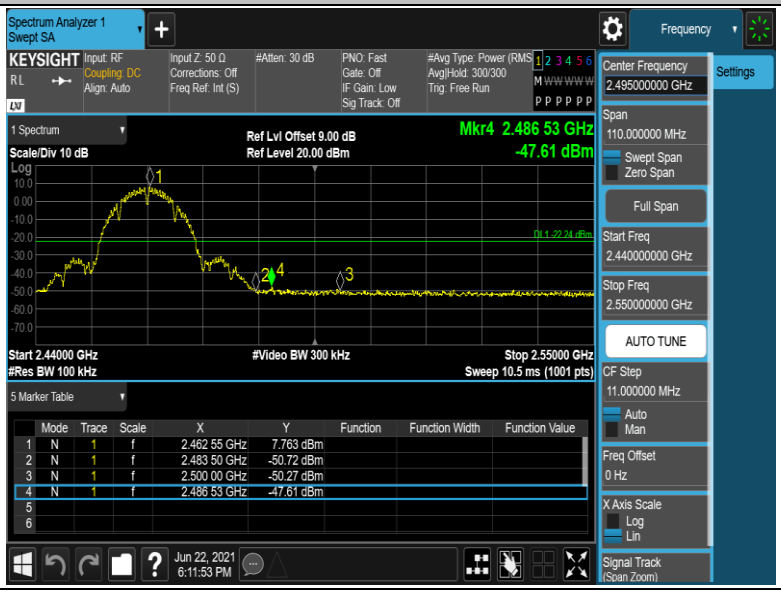
11N40SISO_Ant1_2452


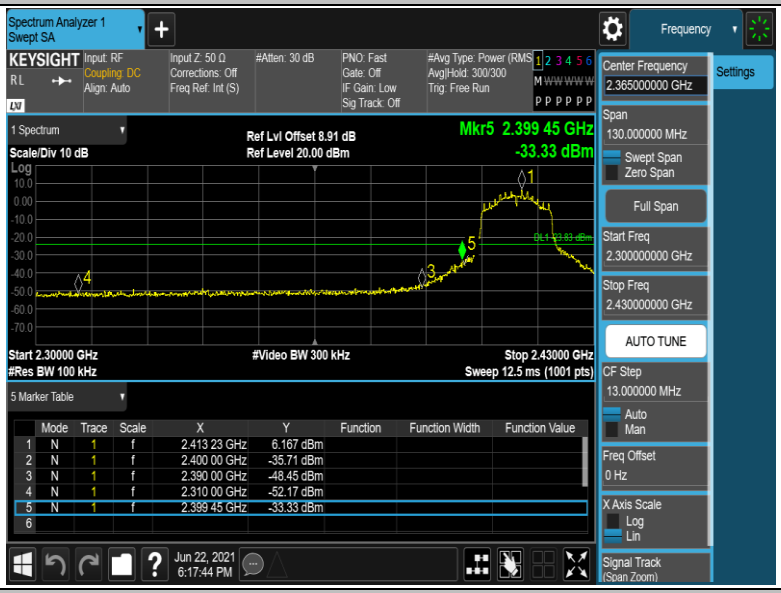
Appendix E: Band edge measurements

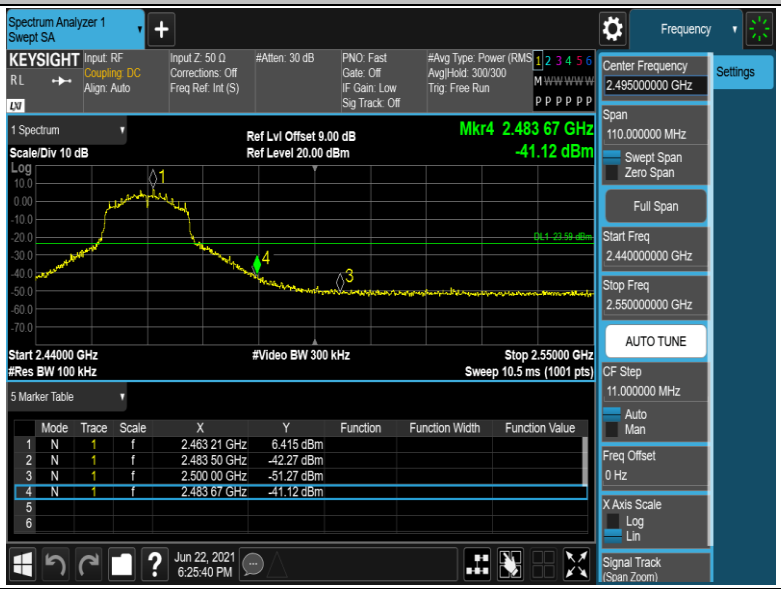
Test Result

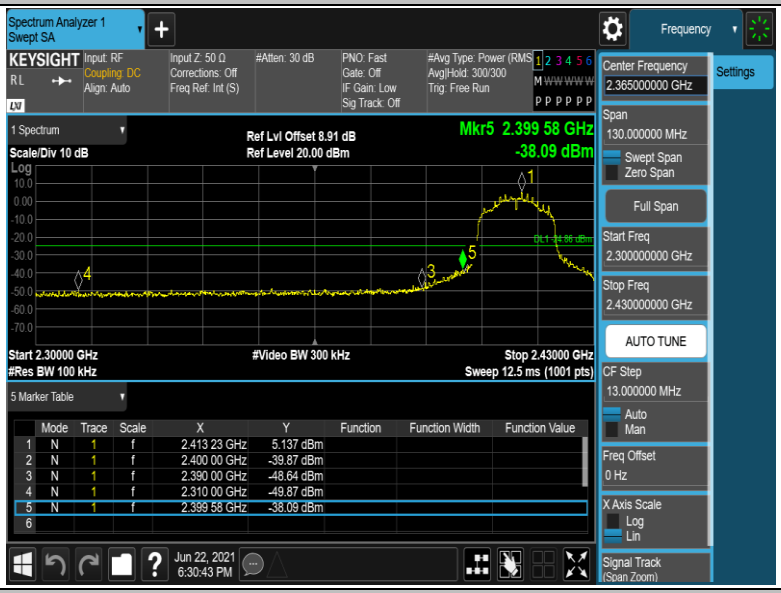
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.89	-35.01	<=-24.11	PASS
		High	2462	7.76	-47.61	<=-22.24	PASS
11G	Ant1	Low	2412	6.17	-33.33	<=-23.83	PASS
		High	2462	6.42	-41.12	<=-23.59	PASS
11N20SISO	Ant1	Low	2412	5.14	-38.09	<=-24.86	PASS
		High	2462	5.40	-44.43	<=-24.6	PASS
11N40SISO	Ant1	Low	2422	1.39	-33.87	<=-28.61	PASS
		High	2452	1.79	-33.09	<=-28.21	PASS

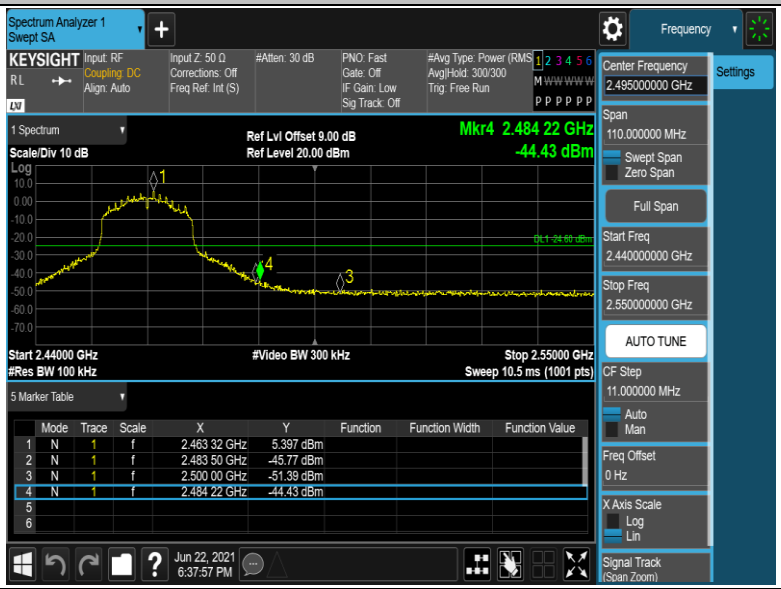
Test Graphs

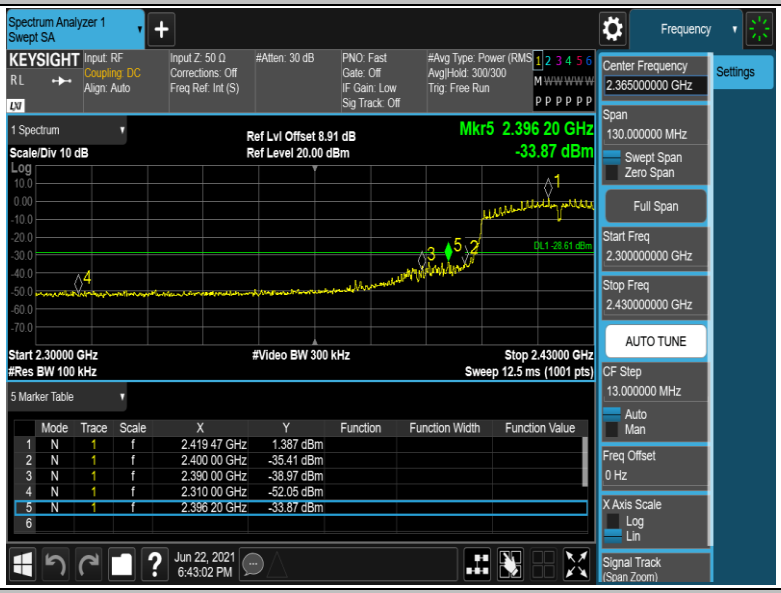
11B_Ant1_Low_2412

11B_Ant1_High_2462


11G_Ant1_Low_2412


11G_Ant1_High_2462


11N20SISO_Ant1_Low_2412


11N20SISO_Ant1_High_2462


11N40SISO_Ant1_Low_2422


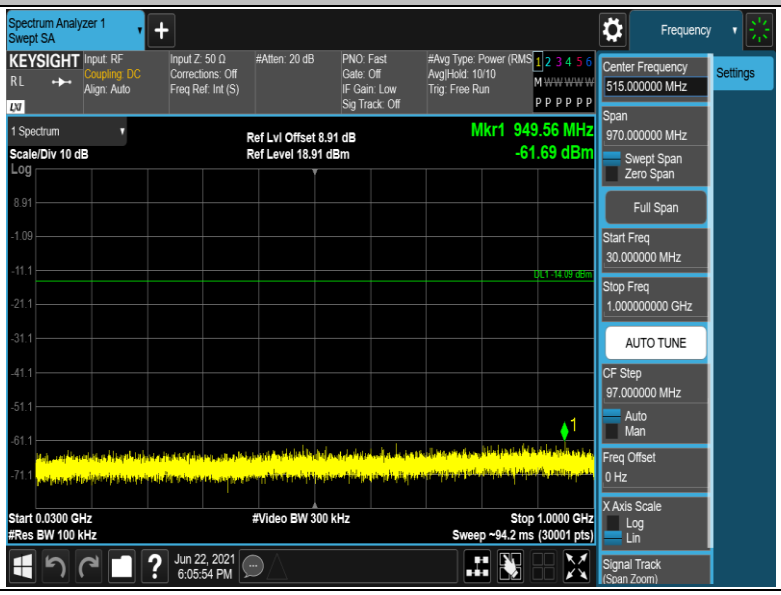
11N40SISO_Ant1_High_2452

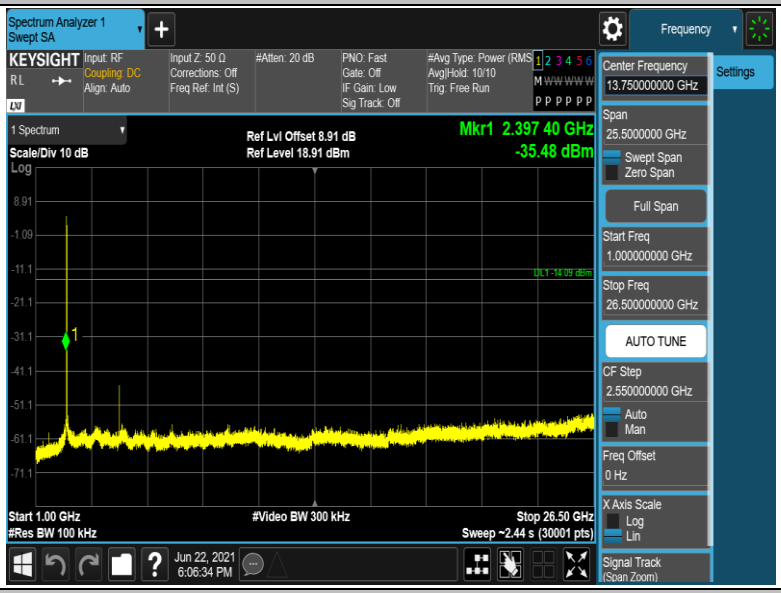
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.91	5.91	---	PASS
			30~1000	30~1000	-61.686	<=-14.093	PASS
			1000~26500	1000~26500	-35.477	<=-14.093	PASS
		2437	Reference	6.13	6.13	---	PASS
			30~1000	30~1000	-62.117	<=-13.875	PASS
			1000~26500	1000~26500	-45.101	<=-13.875	PASS
		2462	Reference	7.61	7.61	---	PASS
			30~1000	30~1000	-61.088	<=-12.39	PASS
			1000~26500	1000~26500	-44.184	<=-12.39	PASS
11G	Ant1	2412	Reference	5.71	5.71	---	PASS
			30~1000	30~1000	-43.048	<=-14.289	PASS
			1000~26500	1000~26500	-35.251	<=-14.289	PASS
		2437	Reference	5.13	5.13	---	PASS
			30~1000	30~1000	-61.399	<=-14.875	PASS
			1000~26500	1000~26500	-51.211	<=-14.875	PASS
		2462	Reference	5.61	5.61	---	PASS
			30~1000	30~1000	-61.856	<=-14.387	PASS
			1000~26500	1000~26500	-45.304	<=-14.387	PASS
11N20SISO	Ant1	2412	Reference	3.42	3.42	---	PASS
			30~1000	30~1000	-61.264	<=-16.584	PASS
			1000~26500	1000~26500	-37.854	<=-16.584	PASS
		2437	Reference	4.88	4.88	---	PASS
			30~1000	30~1000	-62.066	<=-15.12	PASS
			1000~26500	1000~26500	-52.813	<=-15.12	PASS
		2462	Reference	4.25	4.25	---	PASS
			30~1000	30~1000	-61.237	<=-15.748	PASS
			1000~26500	1000~26500	-47.637	<=-15.748	PASS
11N40SISO	Ant1	2422	Reference	1.33	1.33	---	PASS
			30~1000	30~1000	-61.685	<=-18.675	PASS
			1000~26500	1000~26500	-34.916	<=-18.675	PASS
		2437	Reference	0.69	0.69	---	PASS
			30~1000	30~1000	-62.449	<=-19.306	PASS
			1000~26500	1000~26500	-43.718	<=-19.306	PASS
		2452	Reference	1.73	1.73	---	PASS
			30~1000	30~1000	-62.082	<=-18.274	PASS
			1000~26500	1000~26500	-33.803	<=-18.274	PASS

Test Graphs

11B_Ant1_2412_0~Reference
11B_Ant1_2412_30~1000


11B_Ant1_2412_1000~26500


11B_Ant1_2437_0~Reference