

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.080	2407.440	2416.520	0.5	PASS
		2437	9.560	2432.440	2442.000	0.5	PASS
		2462	9.080	2457.440	2466.520	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.360	2428.800	2445.160	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.200	2420.760	0.5	PASS
		2437	17.480	2428.240	2445.720	0.5	PASS
		2462	17.560	2453.200	2470.760	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



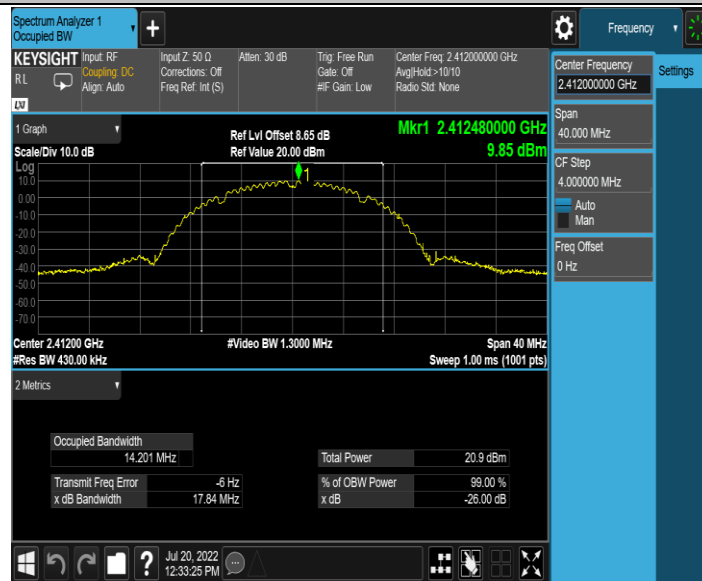
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.201	2404.900	2419.101	---	---
		2437	14.193	2429.881	2444.074	---	---
		2462	14.217	2454.876	2469.093	---	---
11G	Ant1	2412	17.673	2403.309	2420.982	---	---
		2437	17.368	2428.352	2445.720	---	---
		2462	17.573	2453.182	2470.755	---	---
11N20SISO	Ant1	2412	18.606	2402.816	2421.422	---	---
		2437	18.657	2427.785	2446.442	---	---
		2462	18.449	2452.854	2471.303	---	---

Test Graphs

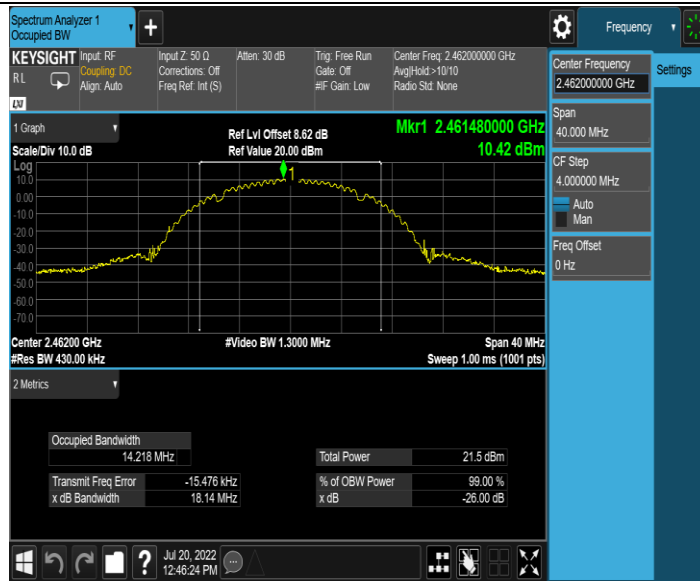
11B_Ant1_2412



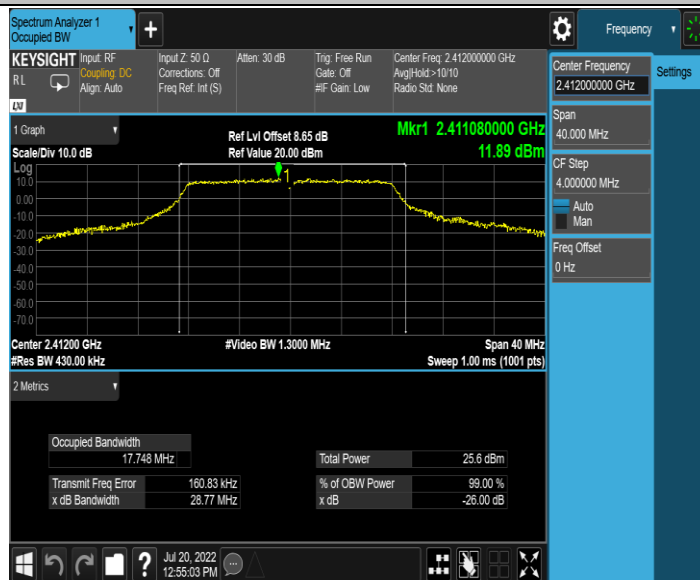
11B_Ant1_2437



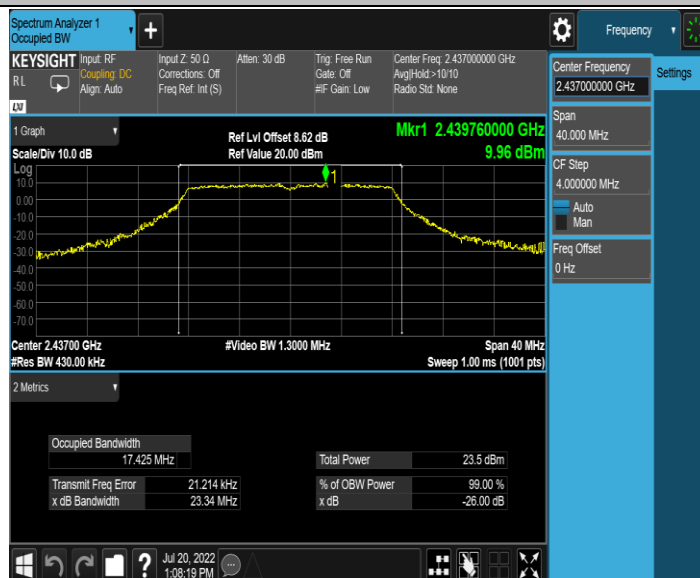
11B_Ant1_2462



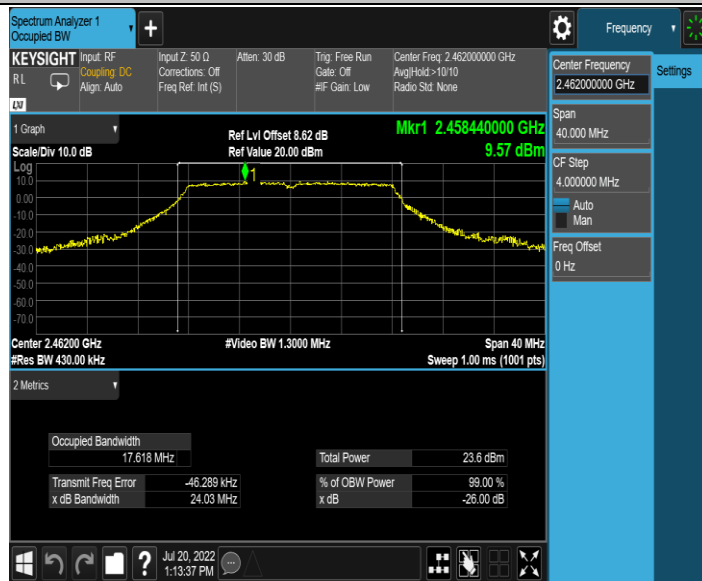
11G_Ant1_2412



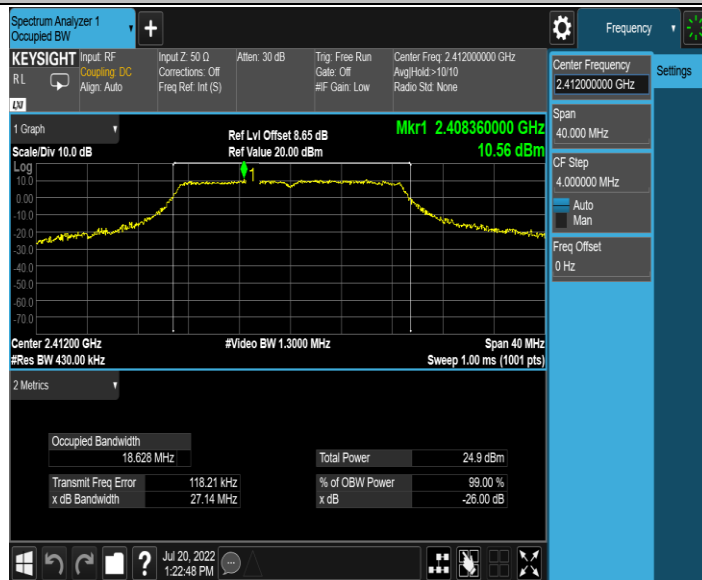
11G_Ant1_2437



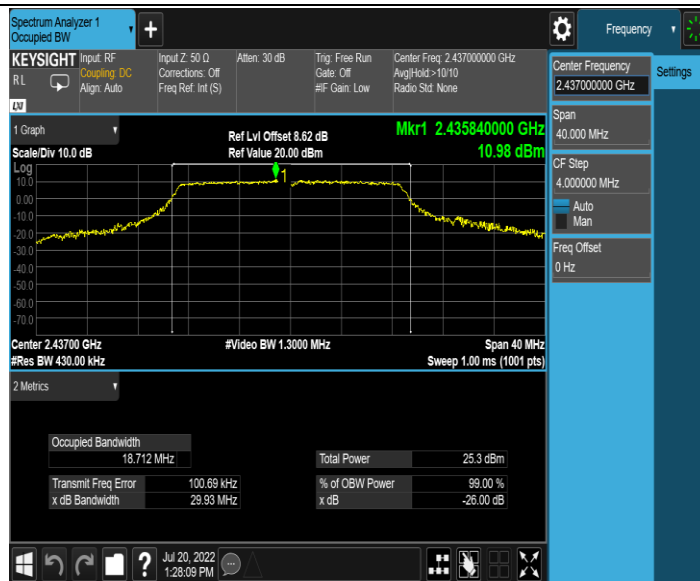
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Frequen cy[MHz]	Conducted Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	18.03	≤30.00	20.53	≤36.00	PASS
		2437	19.21	≤30.00	21.71	≤36.00	PASS
		2462	18.57	≤30.00	21.07	≤36.00	PASS
11G	Ant1	2412	19.01	≤30.00	21.51	≤36.00	PASS
		2437	16.94	≤30.00	19.44	≤36.00	PASS
		2462	16.96	≤30.00	19.46	≤36.00	PASS
11N20SIS O	Ant1	2412	18.21	≤30.00	20.71	≤36.00	PASS
		2437	18.64	≤30.00	21.14	≤36.00	PASS
		2462	18.24	≤30.00	20.74	≤36.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.22	≤8.00	PASS
		2437	-12.84	≤8.00	PASS
		2462	-13.48	≤8.00	PASS
11G	Ant1	2412	-15.77	≤8.00	PASS
		2437	-17.34	≤8.00	PASS
		2462	-17.92	≤8.00	PASS
11N20SISO	Ant1	2412	-16.61	≤8.00	PASS
		2437	-16.11	≤8.00	PASS
		2462	-16.41	≤8.00	PASS

Test Graphs

11B_Ant1_2412



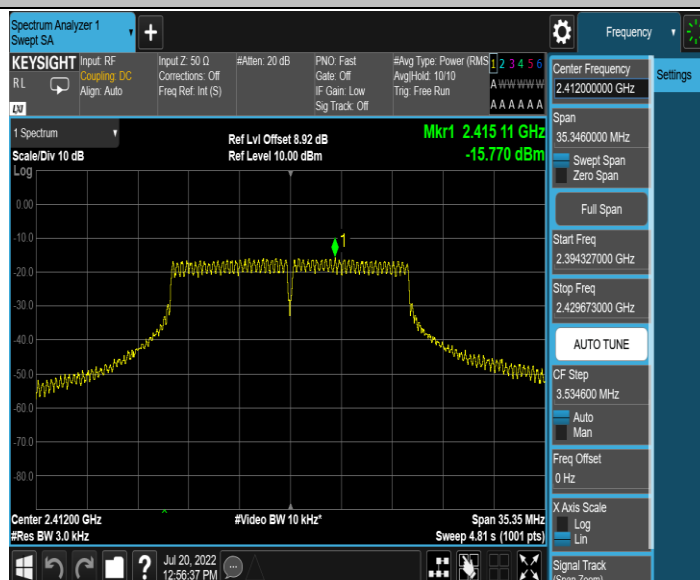
11B_Ant1_2437



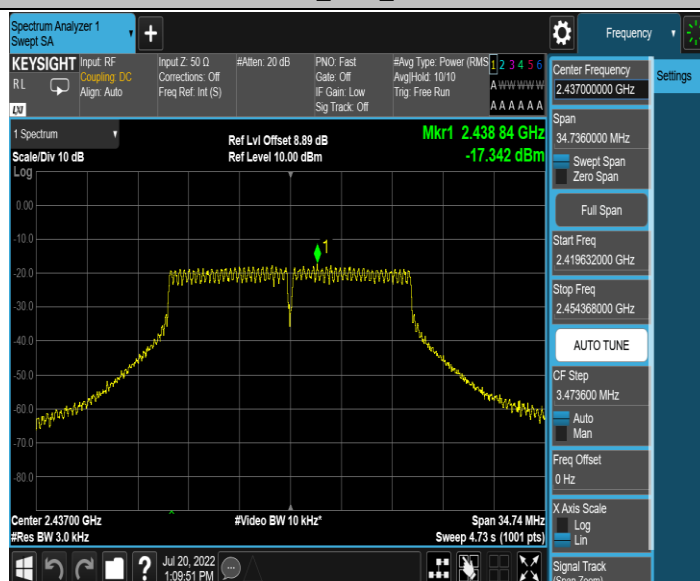
11B_Ant1_2462



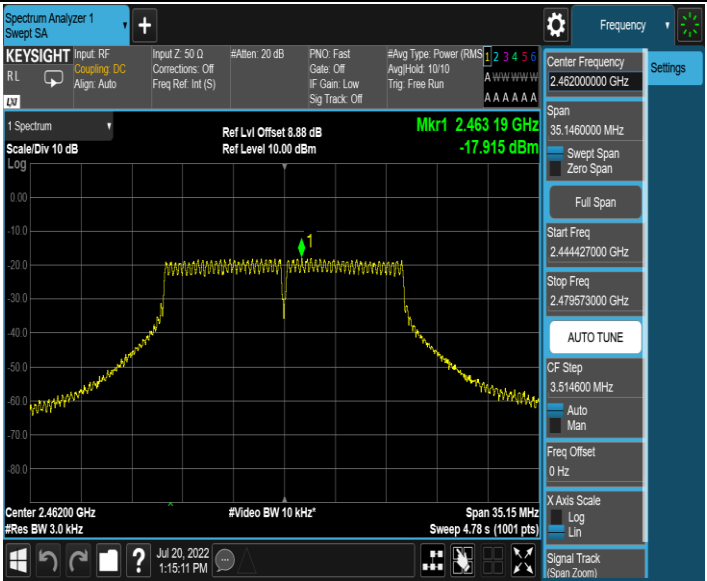
11G_Ant1_2412



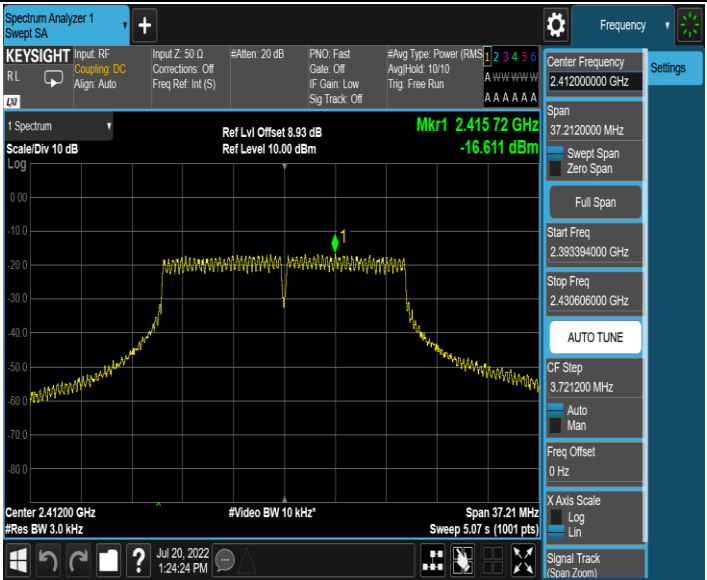
11G_Ant1_2437



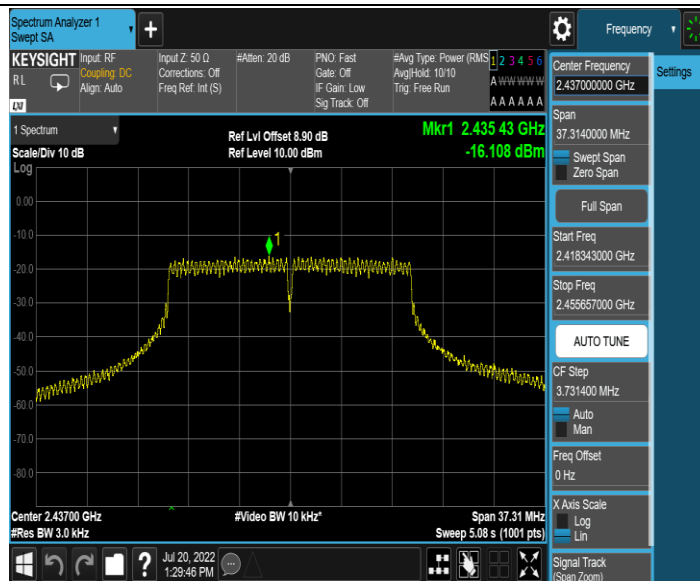
11G_Ant1_2462



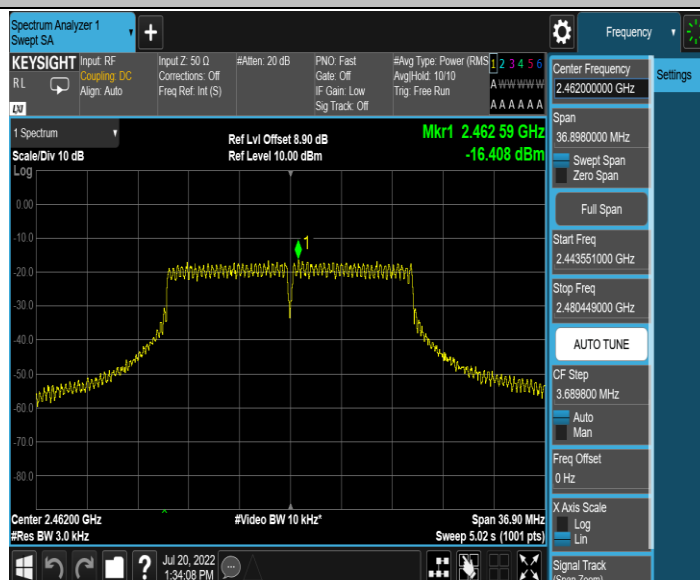
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



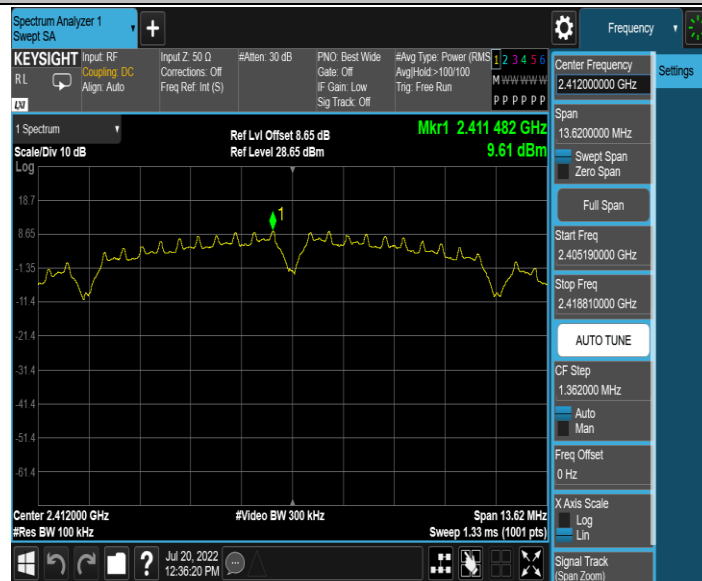
Reference level measurement

Test Result

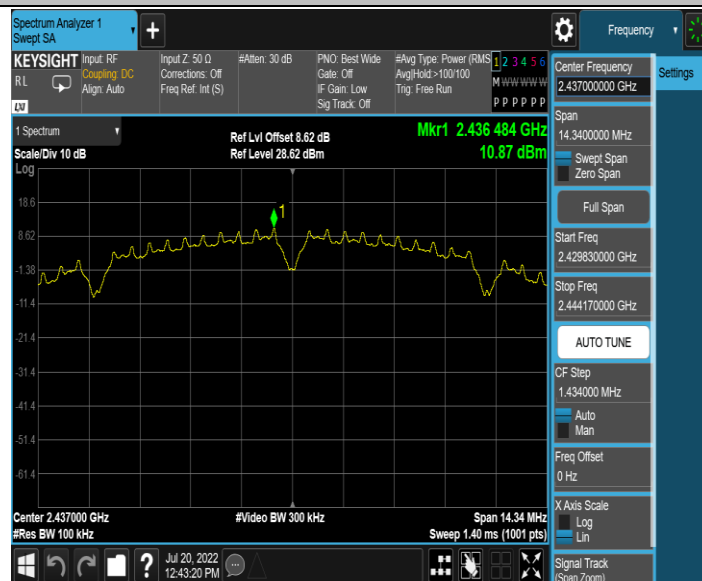
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2411.48	9.61
		2437	2436.48	10.87
		2462	2461.48	10.00
11G	Ant1	2412	2413.22	7.85
		2437	2438.23	5.87
		2462	2464.45	5.59
11N20SISO	Ant1	2412	2413.26	7.39
		2437	2438.23	7.96
		2462	2463.24	7.51

Test Graphs

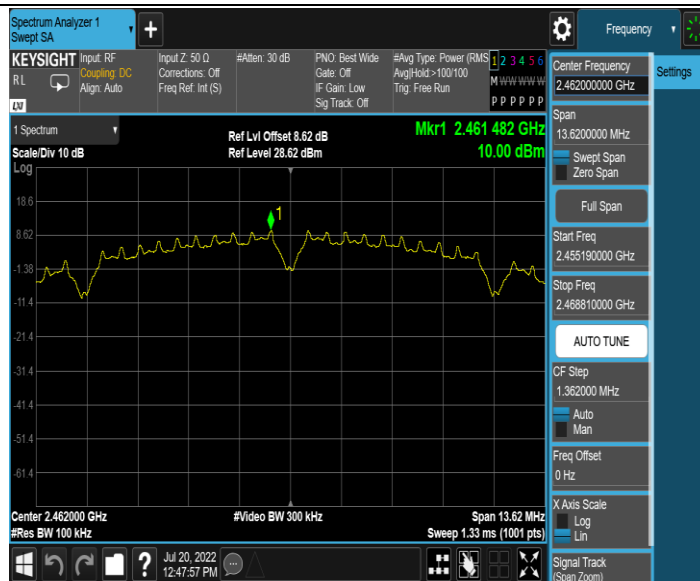
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



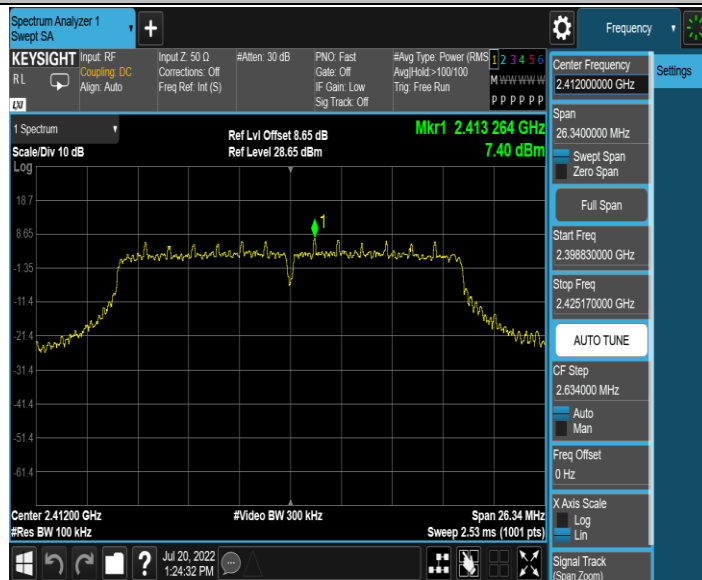
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.61	-36.63	≤-20.39	PASS
		High	2462	10.00	-47.46	≤-20	PASS
11G	Ant1	Low	2412	7.85	-26.41	≤-22.15	PASS
		High	2462	5.59	-37.19	≤-24.41	PASS
11N20SISO	Ant1	Low	2412	7.39	-22.87	≤-22.61	PASS
		High	2462	7.51	-30.48	≤-22.49	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412



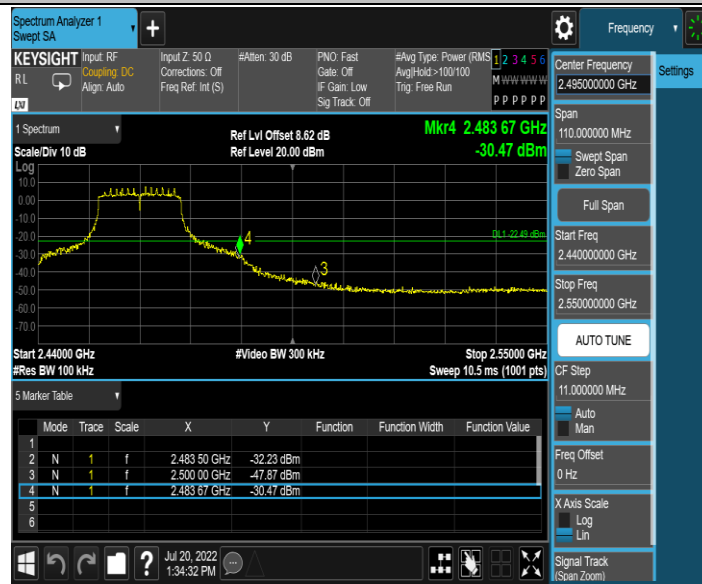
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



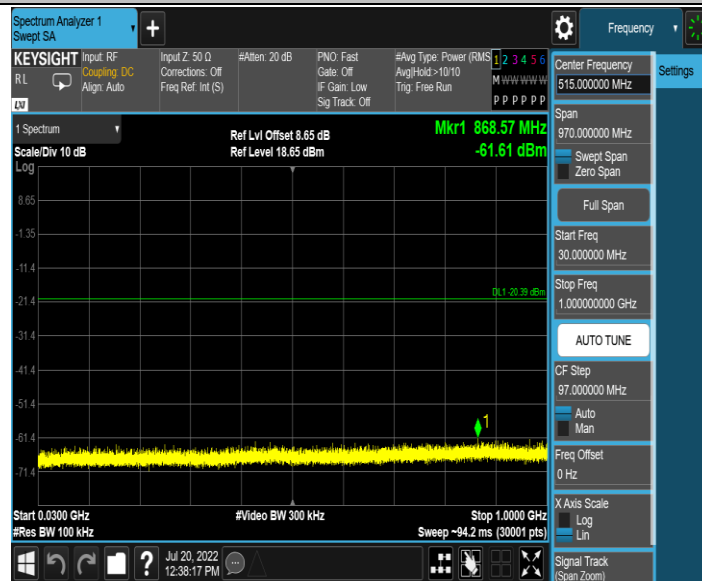
Appendix F: Conducted Spurious Emission

Test Result

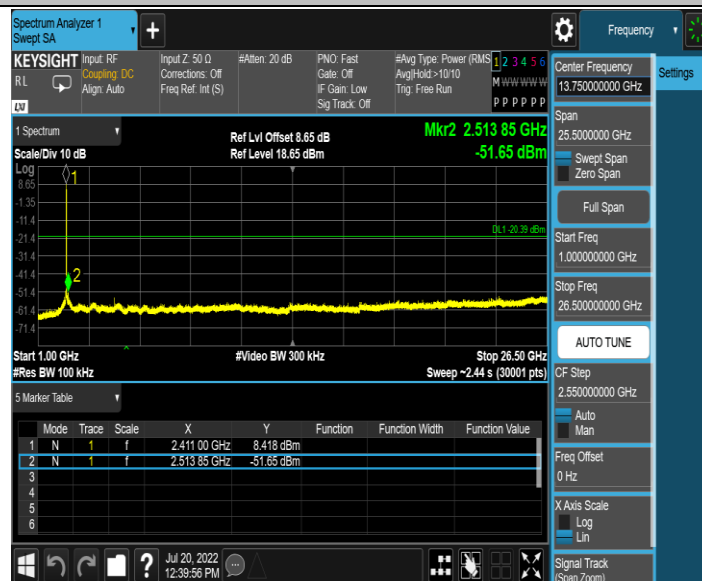
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	9.61	-61.61	≤-20.39	PASS
			1000~26500	9.61	-51.66	≤-20.39	PASS
		2437	30~1000	10.87	-61.67	≤-19.13	PASS
			1000~26500	10.87	-52.75	≤-19.13	PASS
		2462	30~1000	10.00	-61.8	≤-20	PASS
			1000~26500	10.00	-52.39	≤-20	PASS
11G	Ant1	2412	30~1000	7.85	-61.89	≤-22.15	PASS
			1000~26500	7.85	-52.45	≤-22.15	PASS
		2437	30~1000	5.87	-61.77	≤-24.13	PASS
			1000~26500	5.87	-52.66	≤-24.13	PASS
		2462	30~1000	5.59	-55.56	≤-24.41	PASS
			1000~26500	5.59	-52.69	≤-24.41	PASS
11N20SISO	Ant1	2412	30~1000	7.39	-61.88	≤-22.61	PASS
			1000~26500	7.39	-51.89	≤-22.61	PASS
		2437	30~1000	7.96	-61.93	≤-22.04	PASS
			1000~26500	7.96	-52.53	≤-22.04	PASS
		2462	30~1000	7.51	-62.13	≤-22.49	PASS
			1000~26500	7.51	-52.78	≤-22.49	PASS

Test Graphs

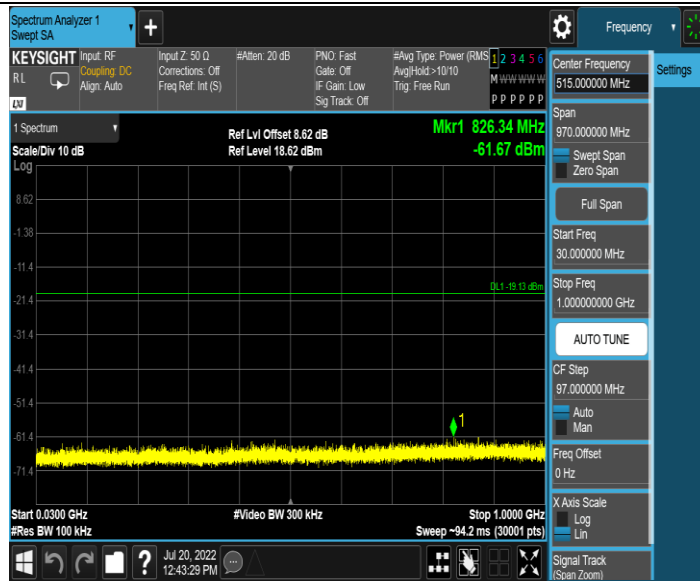
11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant1_2462_30~1000

