

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	9.080	2432.440	2441.520	0.5	PASS
		2462	9.080	2457.440	2466.520	0.5	PASS
11G	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
		2437	16.280	2428.840	2445.120	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	17.560	2428.200	2445.760	0.5	PASS
		2462	17.560	2453.200	2470.760	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



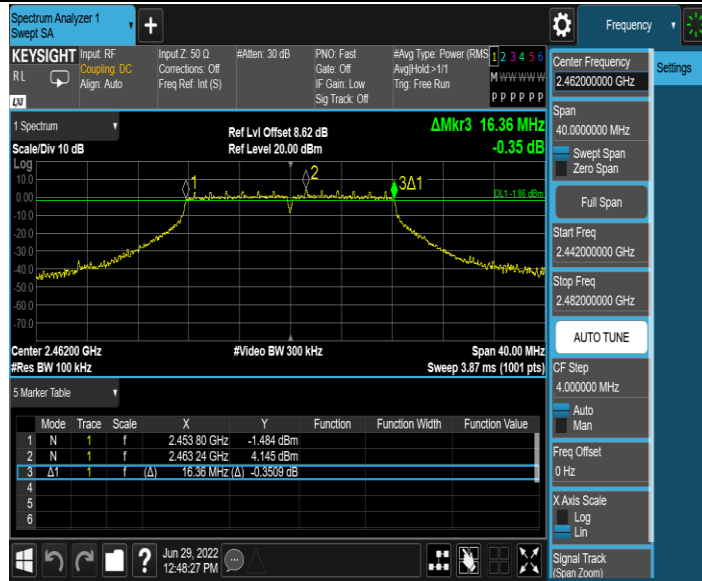
11G_Ant1_2412



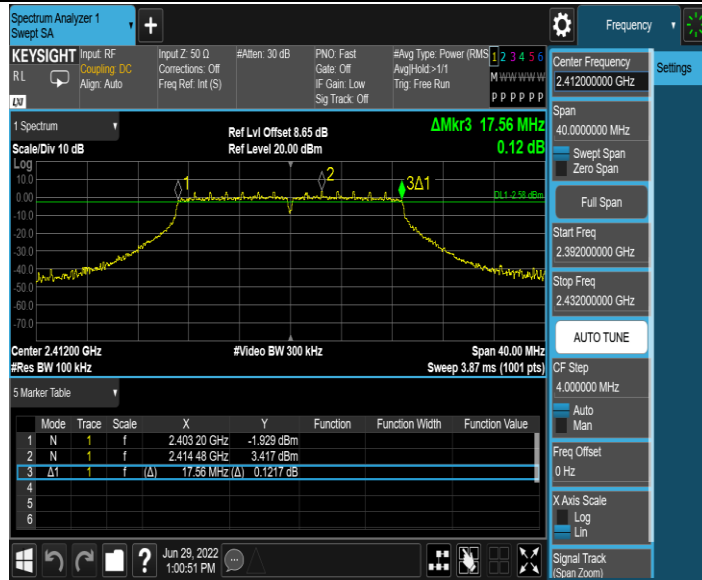
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



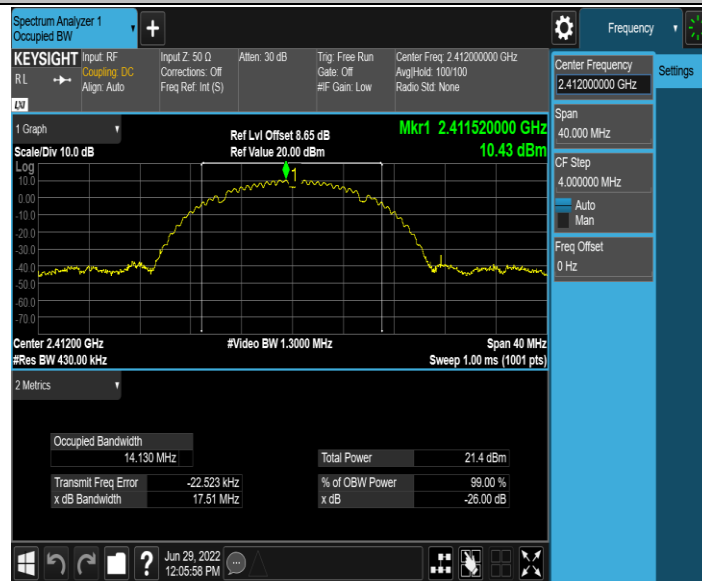
Appendix B: Occupied Channel Bandwidth

Test Result

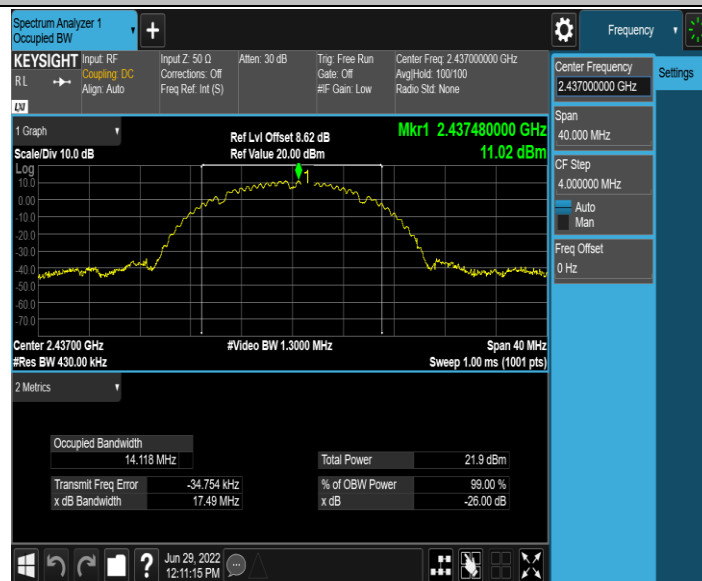
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.130	2404.912	2419.042	---	---
		2437	14.118	2429.906	2444.024	---	---
		2462	14.145	2454.902	2469.047	---	---
11G	Ant1	2412	17.138	2403.411	2420.549	---	---
		2437	17.703	2428.250	2445.953	---	---
		2462	17.057	2453.478	2470.535	---	---
11N20SISO	Ant1	2412	18.182	2402.908	2421.090	---	---
		2437	18.383	2427.835	2446.218	---	---
		2462	18.148	2452.890	2471.038	---	---

Test Graphs

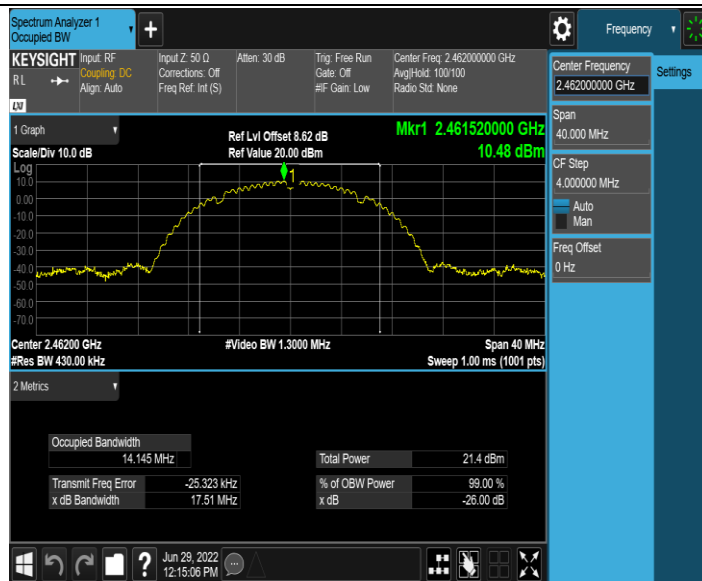
11B_Ant1_2412



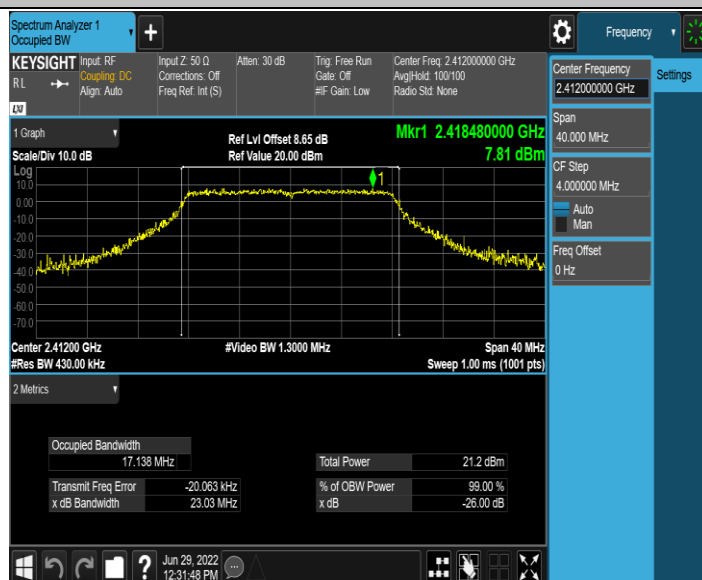
11B_Ant1_2437



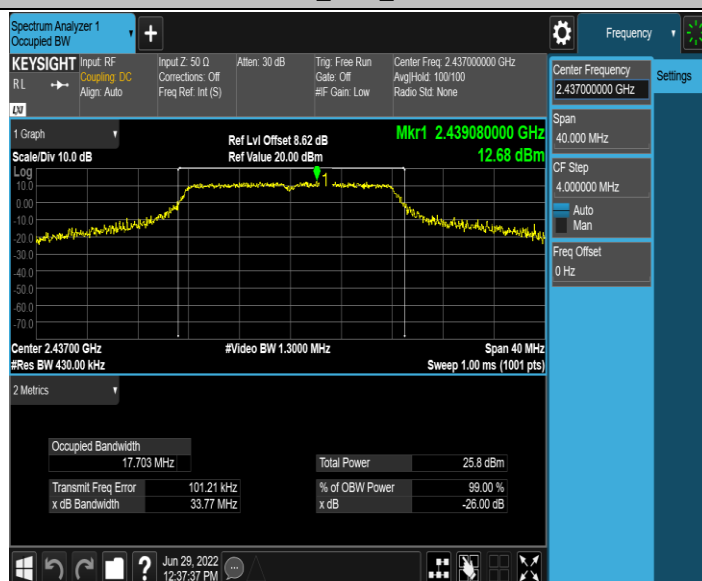
11B_Ant1_2462



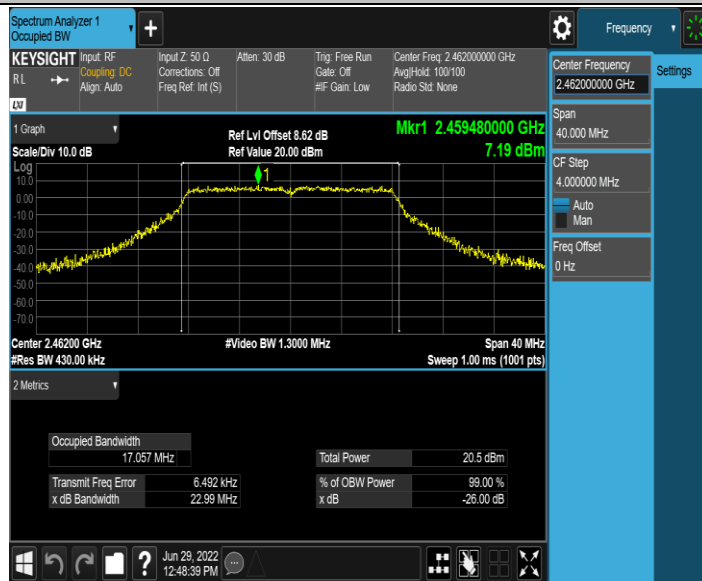
11G_Ant1_2412



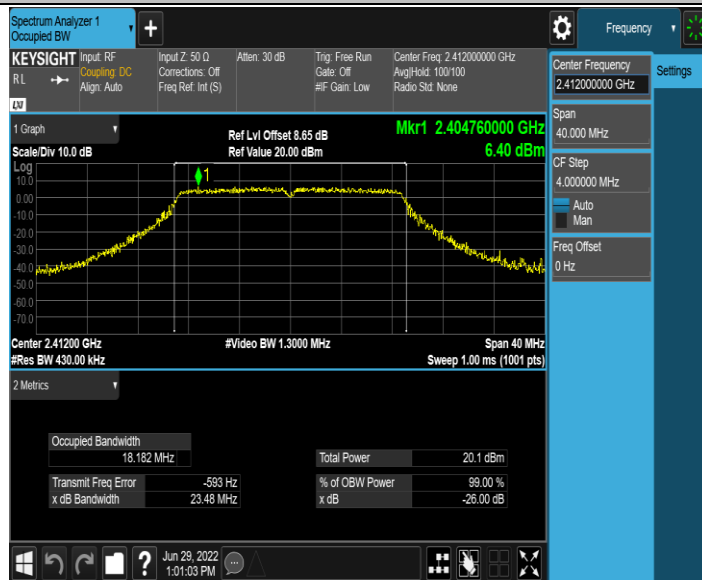
11G_Ant1_2437



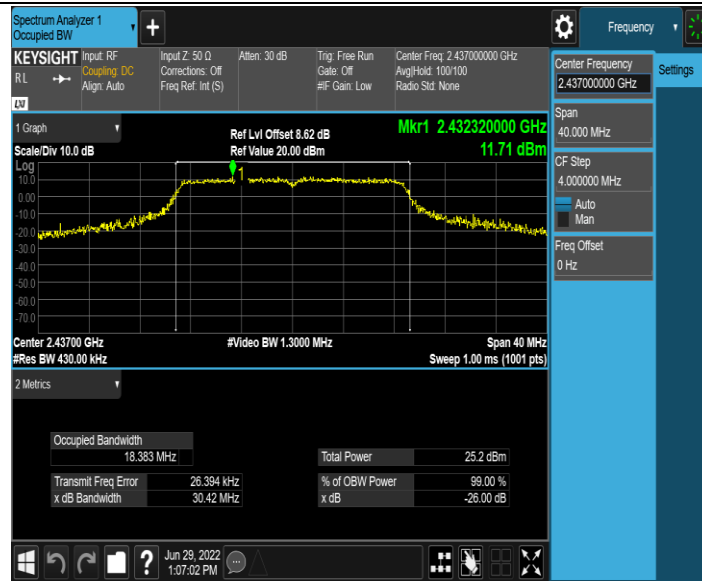
11G_Ant1_2462



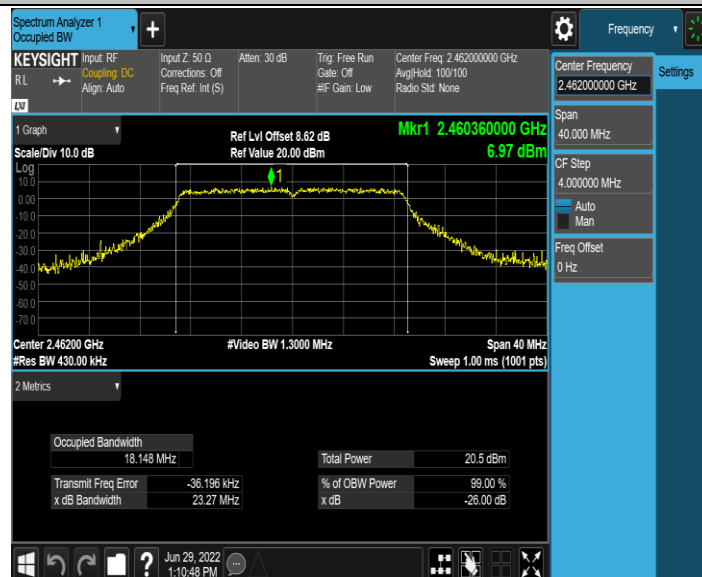
11N20SISO_Ant1_2412



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]	Verdict
11B	Ant1	2412	18.60	≤30.00	PASS
		2437	19.12	≤30.00	PASS
		2462	18.65	≤30.00	PASS
11G	Ant1	2412	15.72	≤30.00	PASS
		2437	20.22	≤30.00	PASS
		2462	15.01	≤30.00	PASS
11N20SIS O	Ant1	2412	14.68	≤30.00	PASS
		2437	19.63	≤30.00	PASS
		2462	15.05	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.04	≤8.00	PASS
		2437	-12.44	≤8.00	PASS
		2462	-12.91	≤8.00	PASS
11G	Ant1	2412	-18.2	≤8.00	PASS
		2437	-14.39	≤8.00	PASS
		2462	-18.64	≤8.00	PASS
11N20SISO	Ant1	2412	-19.02	≤8.00	PASS
		2437	-14.93	≤8.00	PASS
		2462	-19.38	≤8.00	PASS

Test Graphs

11B_Ant1_2412



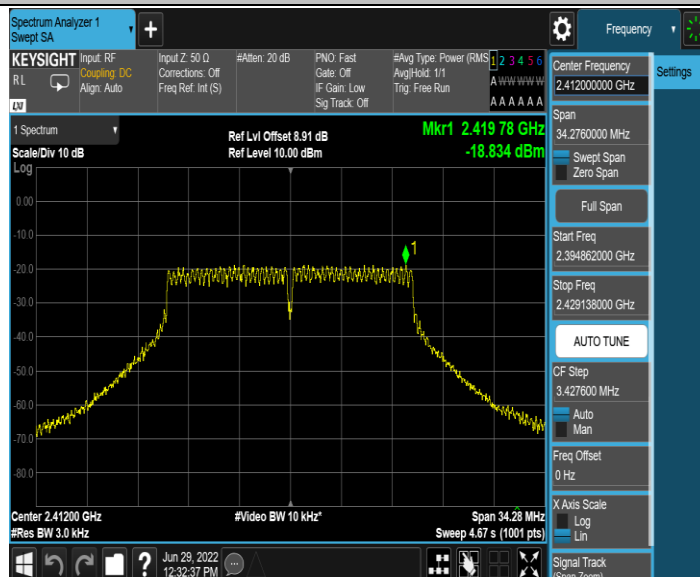
11B_Ant1_2437



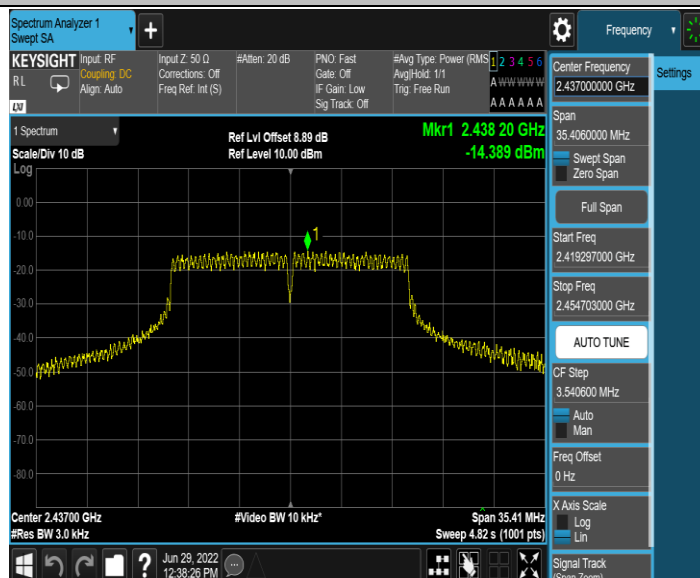
11B_Ant1_2462



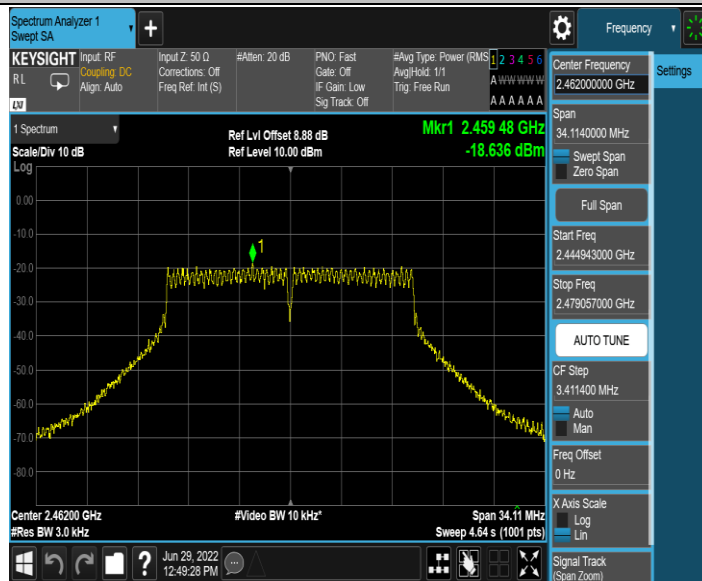
11G_Ant1_2412



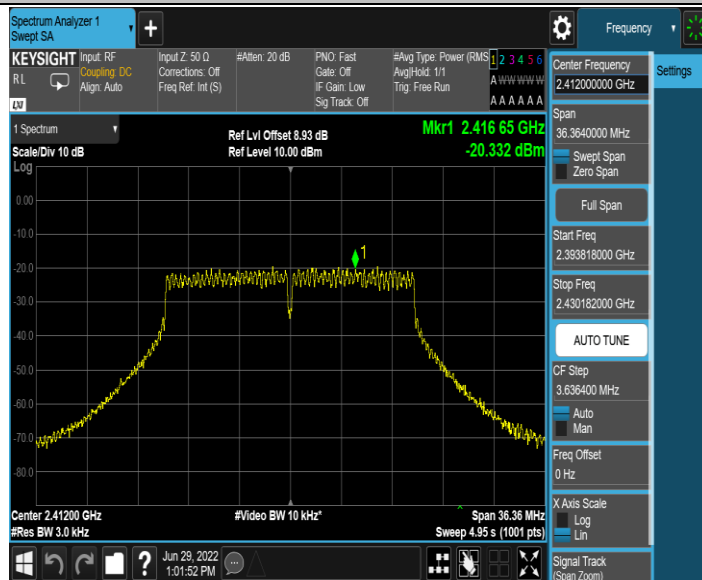
11G_Ant1_2437



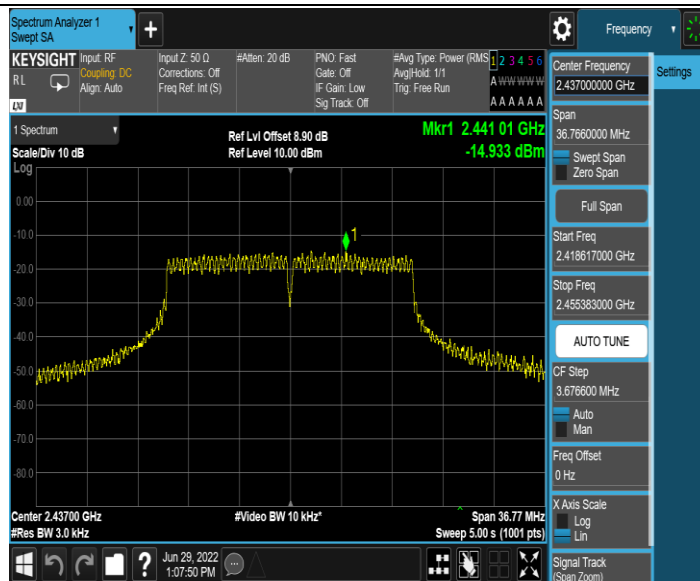
11G_Ant1_2462



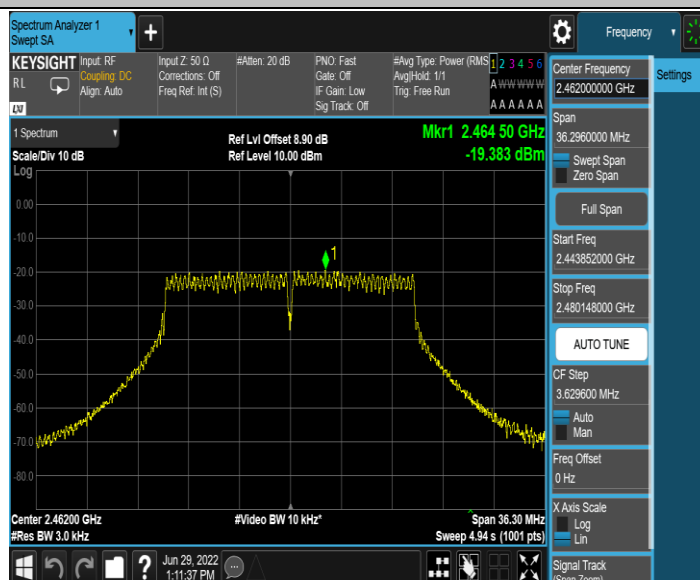
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



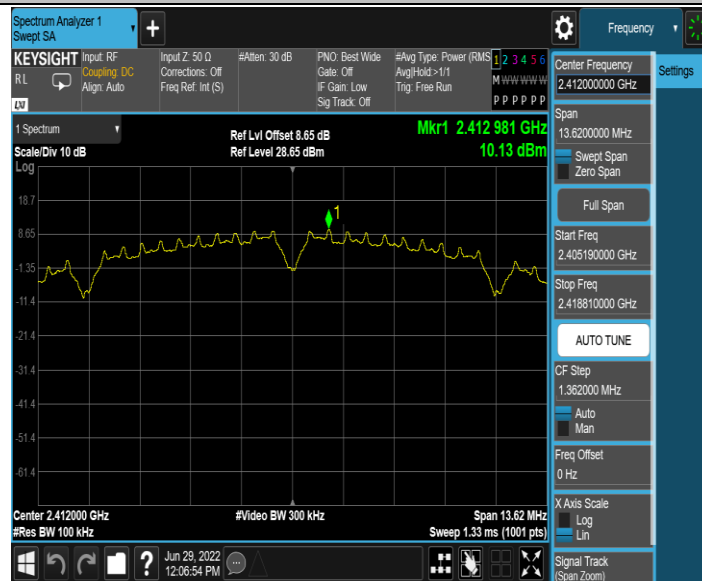
Reference level measurement

Test Result

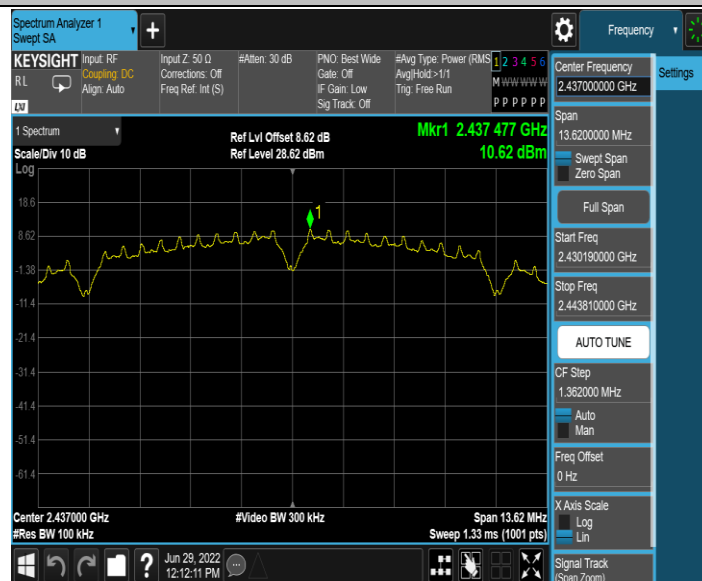
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.98	10.13
		2437	2437.48	10.62
		2462	2461.48	10.32
11G	Ant1	2412	2414.50	4.27
		2437	2438.22	9.13
		2462	2463.25	4.13
11N20SISO	Ant1	2412	2414.48	3.38
		2437	2438.24	8.92
		2462	2463.26	4.18

Test Graphs

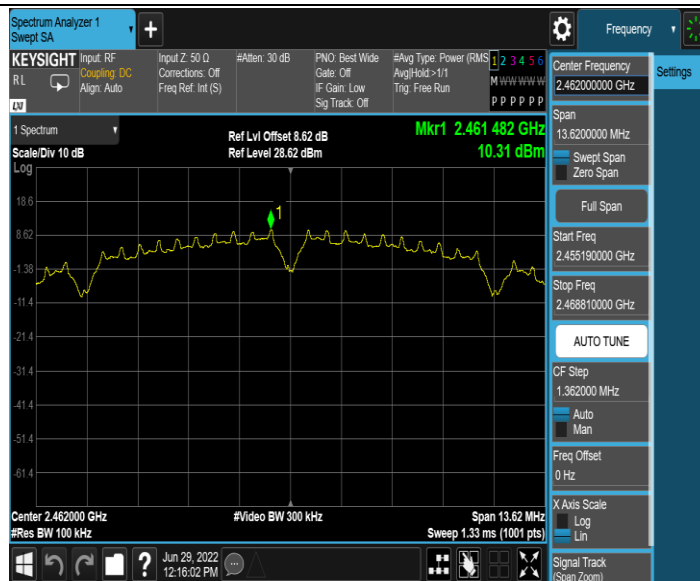
11B_Ant1_2412



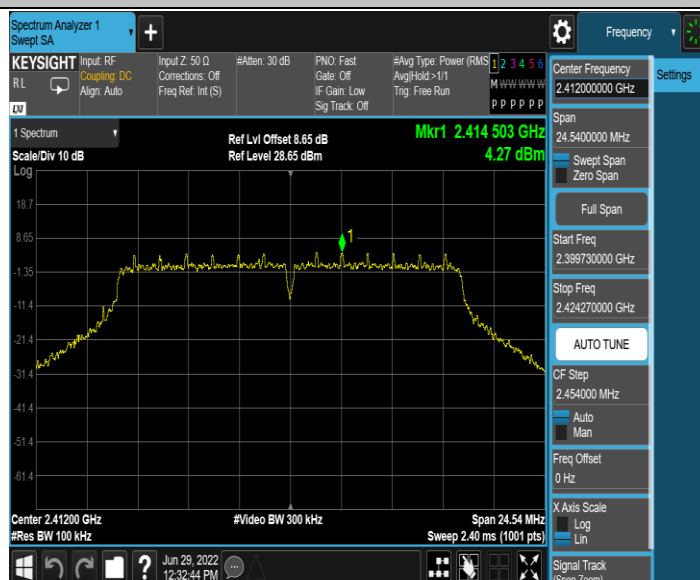
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



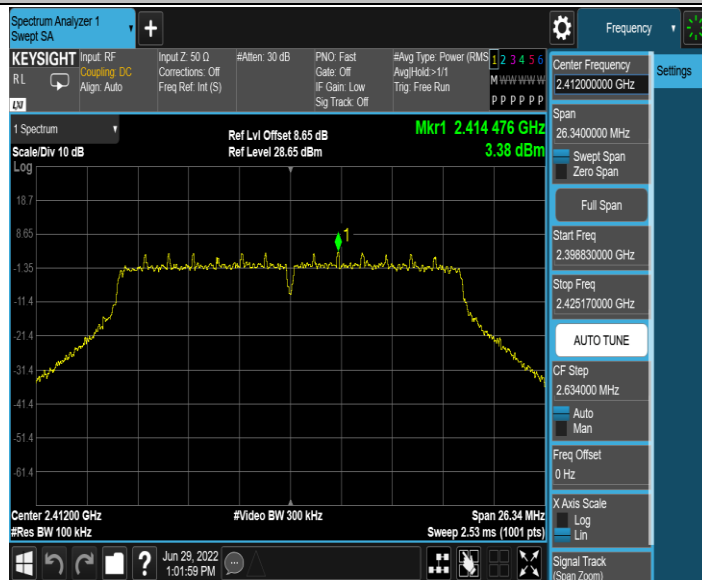
11G_Ant1_2437



11G_Ant1_2462



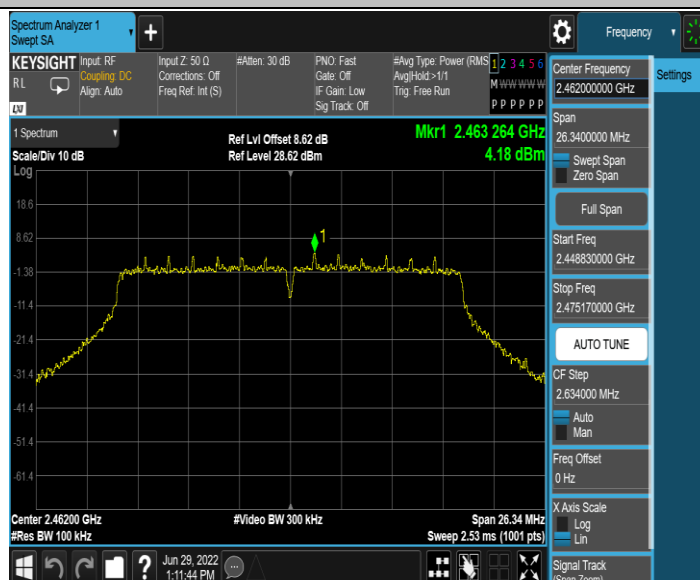
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	10.13	-41.47	≤-19.87	PASS
		High	2462	10.32	-45.6	≤-19.68	PASS
11G	Ant1	Low	2412	4.27	-28.15	≤-25.73	PASS
		High	2462	4.13	-41.88	≤-25.87	PASS
11N20SISO	Ant1	Low	2412	3.38	-28.12	≤-26.62	PASS
		High	2462	4.18	-40.35	≤-25.82	PASS

Test Graphs

11B_Ant1_Low_2412



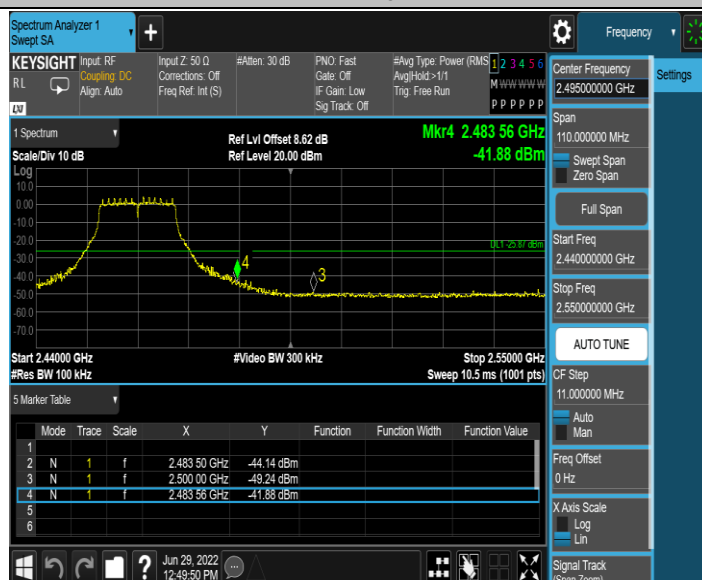
11B_Ant1_High_2462



11G_Ant1_Low_2412



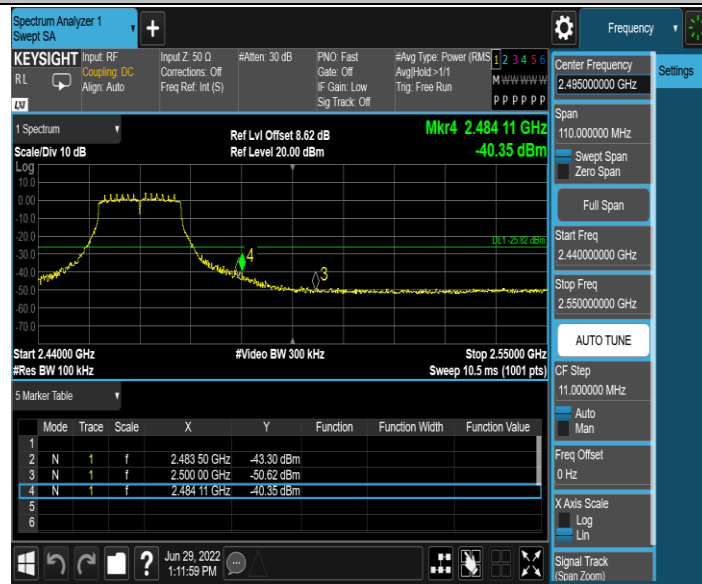
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



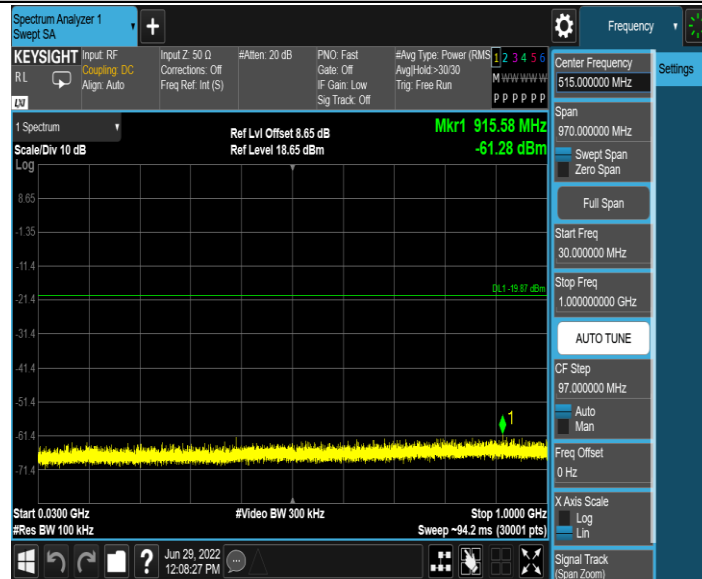
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	10.13	-61.28	≤-19.87	PASS
			1000~26500	10.13	-50.16	≤-19.87	PASS
		2437	30~1000	10.62	-61.46	≤-19.38	PASS
			1000~26500	10.62	-52.58	≤-19.38	PASS
		2462	30~1000	10.32	-56.52	≤-19.68	PASS
			1000~26500	10.32	-52.08	≤-19.68	PASS
11G	Ant1	2412	30~1000	4.27	-61.55	≤-25.73	PASS
			1000~26500	4.27	-53.08	≤-25.73	PASS
		2437	30~1000	9.13	-60.77	≤-20.87	PASS
			1000~26500	9.13	-50.95	≤-20.87	PASS
		2462	30~1000	4.13	-61.69	≤-25.87	PASS
			1000~26500	4.13	-52.13	≤-25.87	PASS
11N20SISO	Ant1	2412	30~1000	3.38	-62.15	≤-26.62	PASS
			1000~26500	3.38	-53.23	≤-26.62	PASS
		2437	30~1000	8.92	-61.63	≤-21.08	PASS
			1000~26500	8.92	-52.98	≤-21.08	PASS
		2462	30~1000	4.18	-56.29	≤-25.82	PASS
			1000~26500	4.18	-52.94	≤-25.82	PASS

Test Graphs

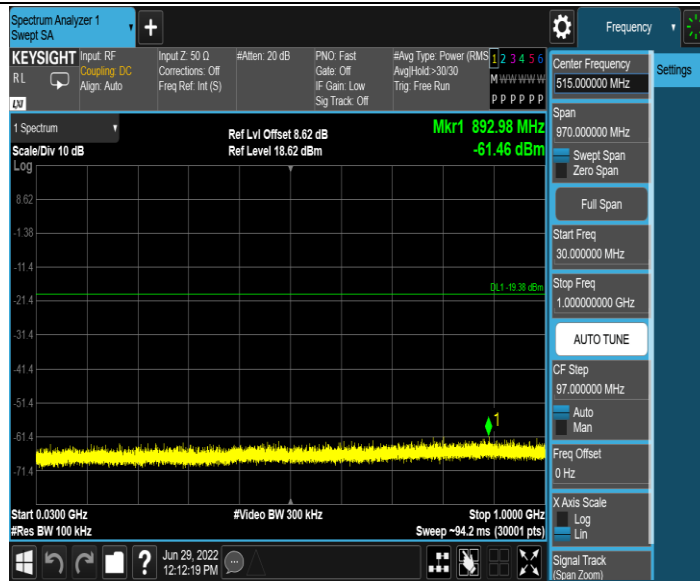
11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500



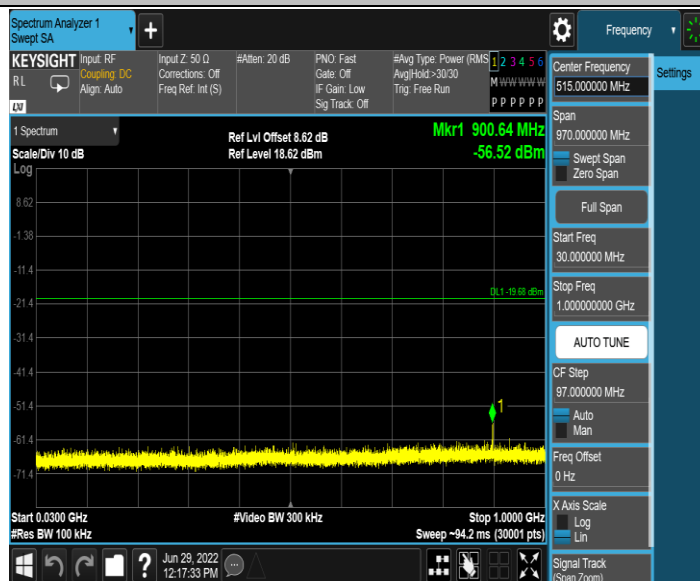
11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



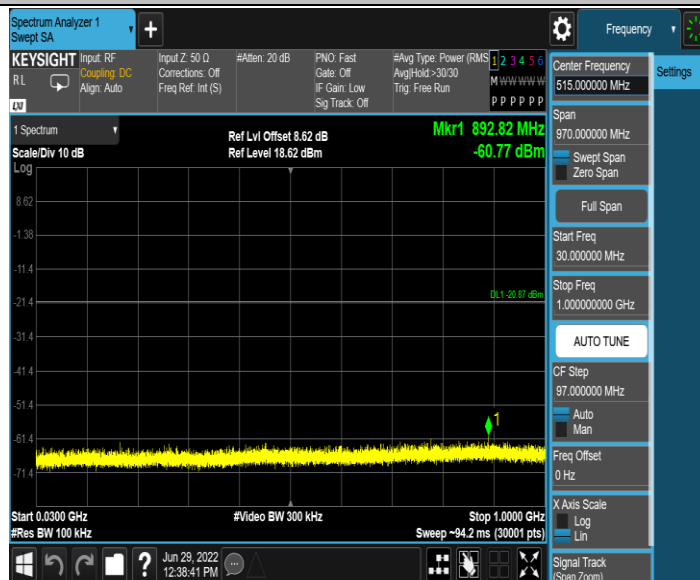
11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500



11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500

