

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.040	2407.440	2416.480	0.5	PASS
		2437	9.080	2432.440	2441.520	0.5	PASS
		2462	9.520	2457.440	2466.960	0.5	PASS
11G	Ant1	2412	16.360	2403.800	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	17.240	2428.240	2445.480	0.5	PASS
		2462	17.560	2453.200	2470.760	0.5	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

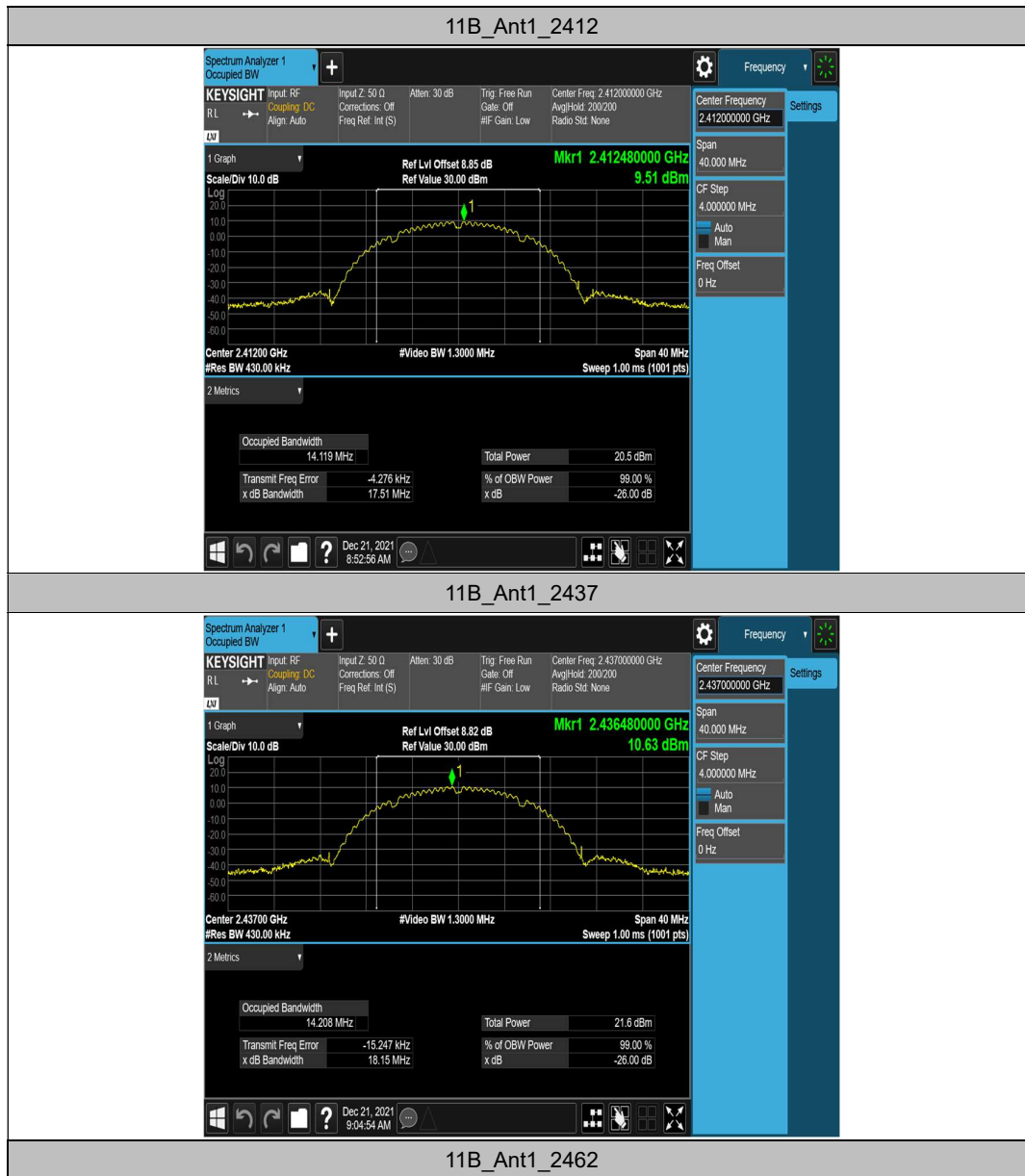


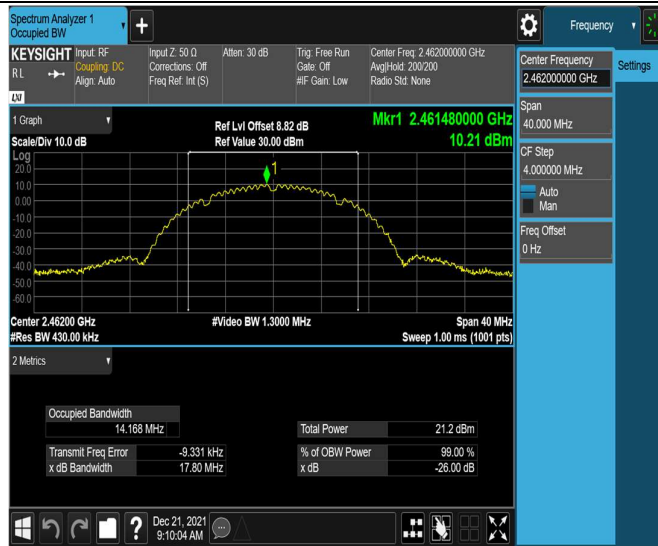
Appendix B: Occupied Channel Bandwidth

Test Result

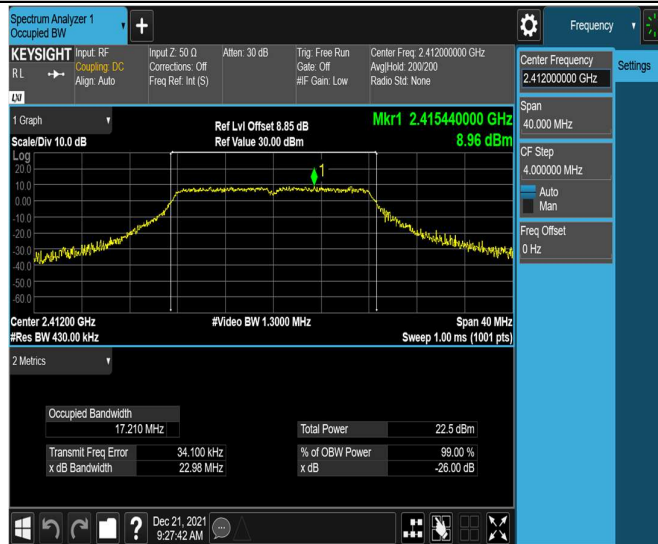
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.119	---	PASS
		2437	14.208	---	PASS
		2462	14.168	---	PASS
11G	Ant1	2412	17.210	---	PASS
		2437	17.381	---	PASS
		2462	17.192	---	PASS
11N20SISO	Ant1	2412	18.138	---	PASS
		2437	18.318	---	PASS
		2462	18.145	---	PASS

Test Graphs

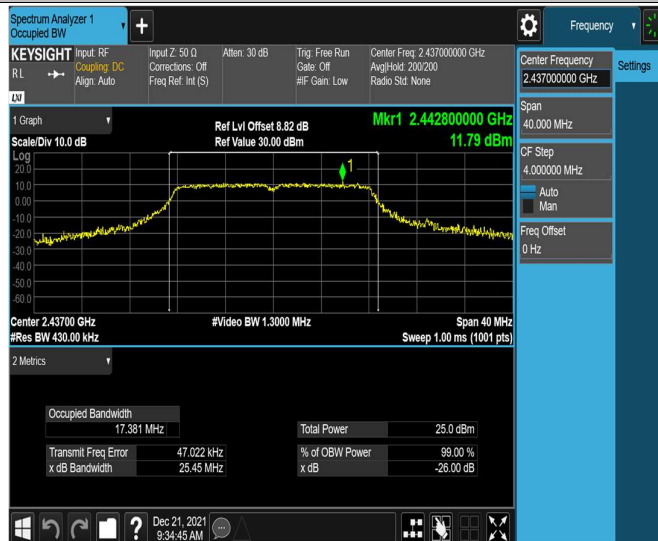




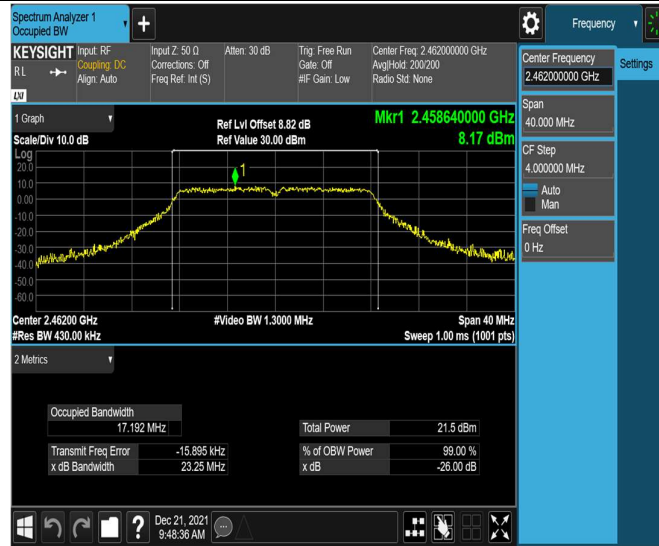
11G_Ant1_2412



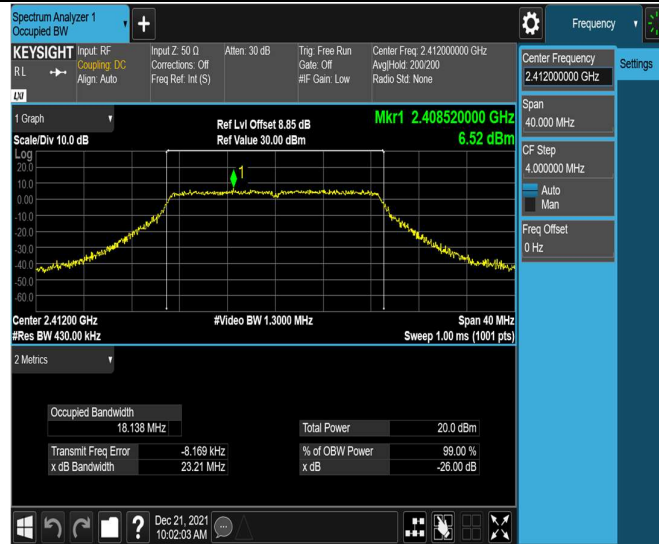
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[M Hz]	Result[dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	17.83	≤30	PASS
		2437	18.93	≤30	PASS
		2462	18.71	≤30	PASS
11G	Ant1	2412	16.18	≤30	PASS
		2437	18.51	≤30	PASS
		2462	15.41	≤30	PASS
11N20SISO	Ant1	2412	13.83	≤30	PASS
		2437	17.78	≤30	PASS
		2462	14.34	≤30	PASS

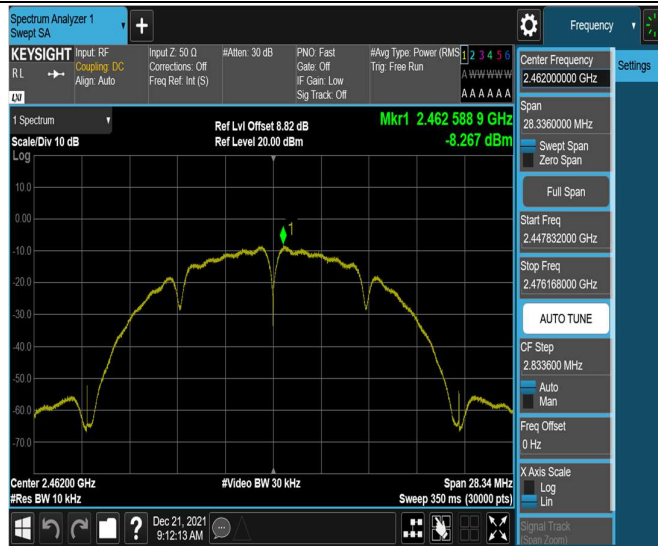
Appendix D: Maximum power spectral density

Test Result

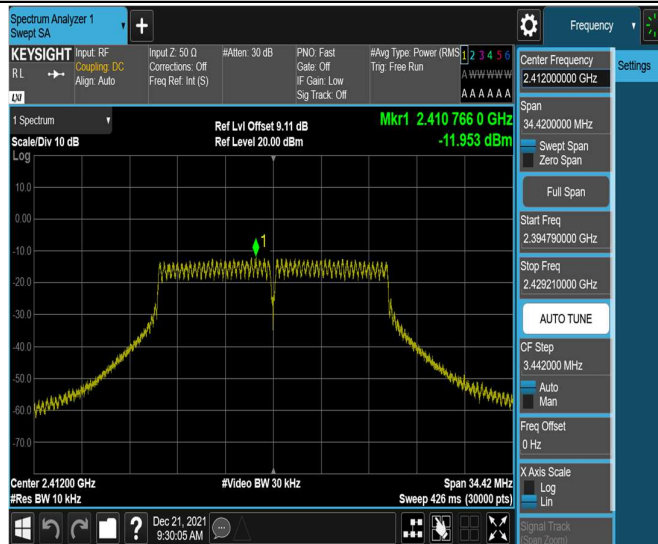
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.89	≤8	PASS
		2437	-7.94	≤8	PASS
		2462	-8.27	≤8	PASS
11G	Ant1	2412	-11.95	≤8	PASS
		2437	-9.02	≤8	PASS
		2462	-12.52	≤8	PASS
11N20SISO	Ant1	2412	-14.18	≤8	PASS
		2437	-10.17	≤8	PASS
		2462	-13.28	≤8	PASS

Test Graphs

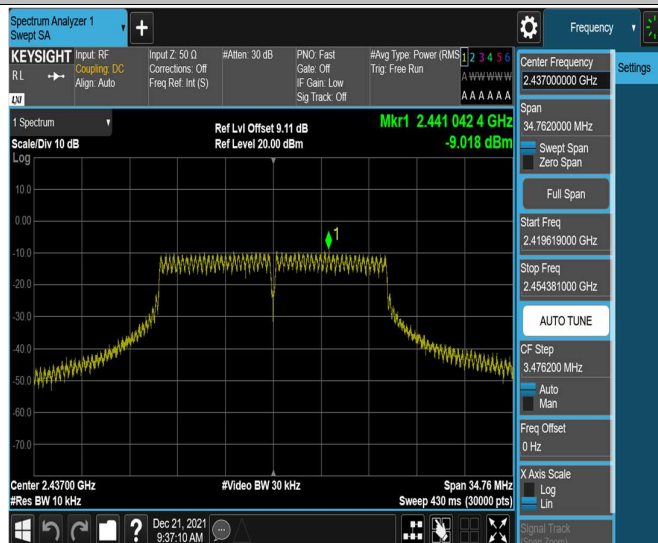




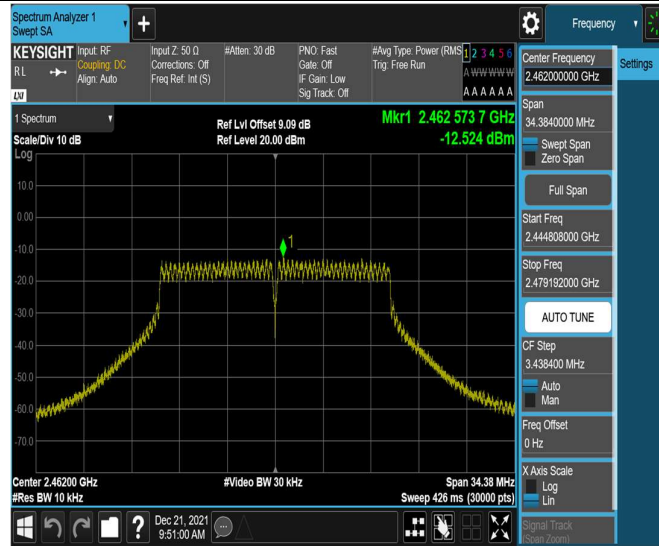
11G_Ant1_2412



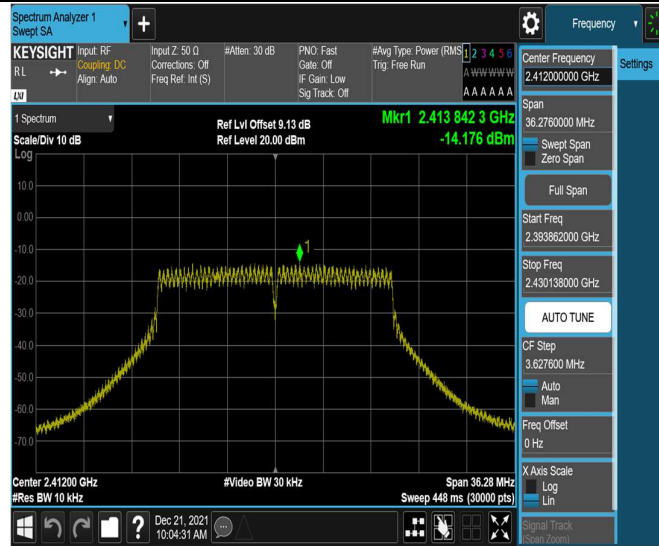
11G_Ant1_2437



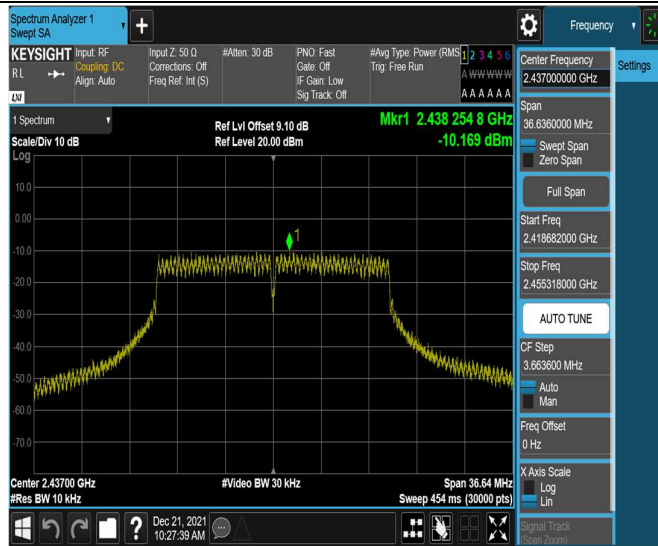
11G_Ant1_2462



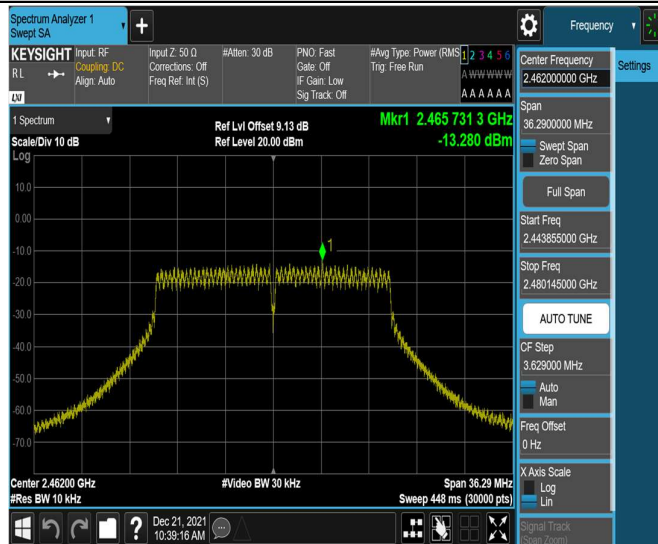
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



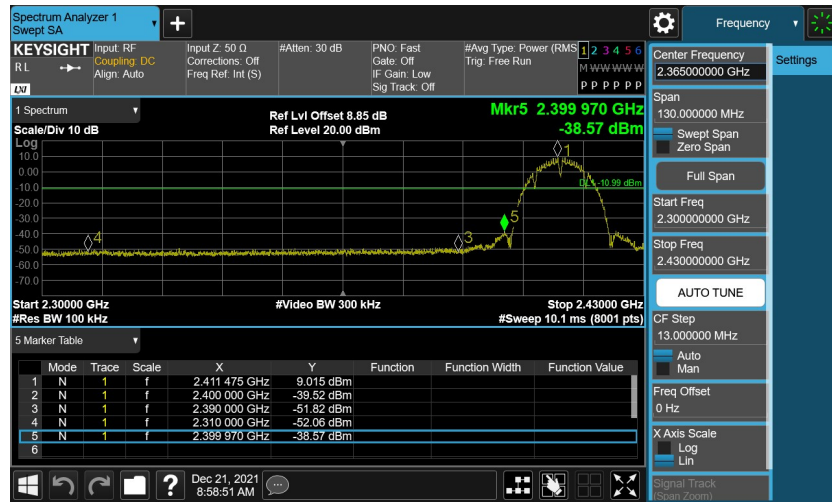
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.02	-38.57	≤-10.99	PASS
		High	2462	9.80	-47.05	≤-10.2	PASS
11G	Ant1	Low	2412	5.36	-26.97	≤-14.64	PASS
		High	2462	4.73	-43.91	≤-15.27	PASS
11N20SISO	Ant1	Low	2412	3.64	-31.12	≤-16.36	PASS
		High	2462	3.59	-44.81	≤-16.41	PASS

Test Graphs

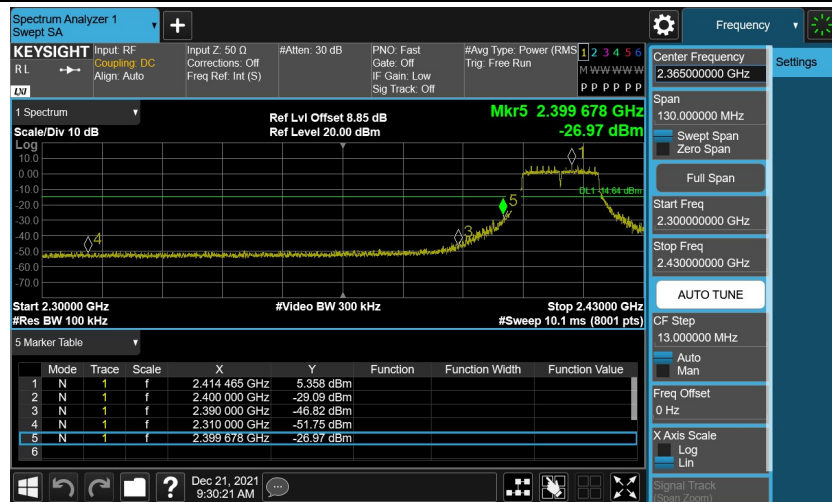
11B_Ant1_Low_2412



11B_Ant1_High_2462



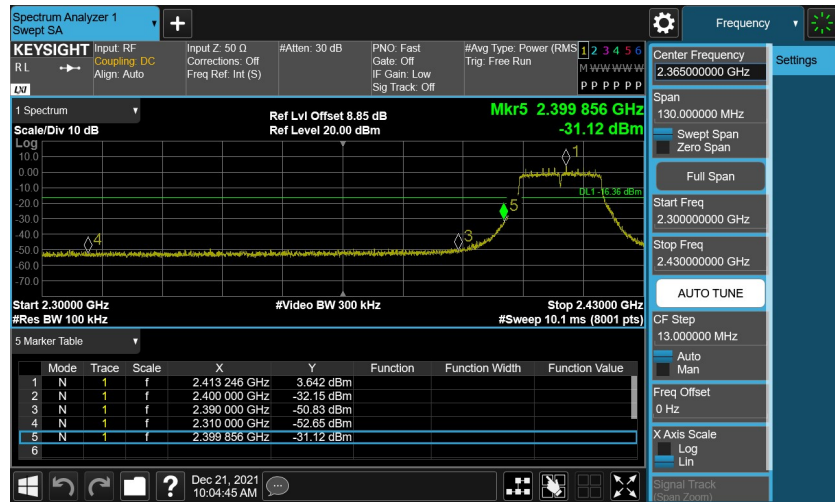
11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



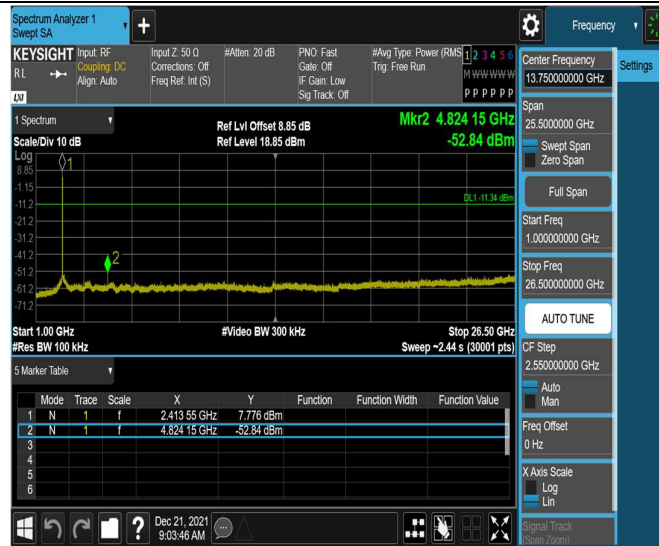
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.66	8.66	---	PASS
			30~1000	8.66	-62.06	≤-11.34	PASS
			1000~26500	8.66	-52.84	≤-11.34	PASS
		2437	Reference	9.29	9.29	---	PASS
			30~1000	9.29	-62.09	≤-10.71	PASS
			1000~26500	9.29	-52.31	≤-10.71	PASS
		2462	Reference	8.59	8.59	---	PASS
			30~1000	8.59	-61.7	≤-11.41	PASS
			1000~26500	8.59	-52.66	≤-11.41	PASS
11G	Ant1	2412	Reference	4.76	4.76	---	PASS
			30~1000	4.76	-62.08	≤-15.24	PASS
			1000~26500	4.76	-53.34	≤-15.24	PASS
		2437	Reference	7.27	7.27	---	PASS
			30~1000	7.27	-61.34	≤-12.73	PASS
			1000~26500	7.27	-52.96	≤-12.73	PASS
		2462	Reference	1.41	1.41	---	PASS
			30~1000	1.41	-61.54	≤-18.59	PASS
			1000~26500	1.41	-53.21	≤-18.59	PASS
11N20SISO	Ant1	2412	Reference	1.71	1.71	---	PASS
			30~1000	1.71	-62.03	≤-18.29	PASS
			1000~26500	1.71	-53.62	≤-18.29	PASS
		2437	Reference	5.45	5.45	---	PASS
			30~1000	5.45	-61.57	≤-14.55	PASS
			1000~26500	5.45	-52.79	≤-14.55	PASS
		2462	Reference	1.27	1.27	---	PASS
			30~1000	1.27	-61.92	≤-18.73	PASS
			1000~26500	1.27	-53.81	≤-18.73	PASS

Test Graphs





11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000

