

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.520	2407.520	2416.040	0.5	PASS
		2437	9.000	2432.520	2441.520	0.5	PASS
		2462	8.560	2458.000	2466.560	0.5	PASS
11G	Ant1	2412	16.320	2403.880	2420.200	0.5	PASS
		2437	16.360	2428.880	2445.240	0.5	PASS
		2462	16.360	2453.880	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.280	2420.840	0.5	PASS
		2437	17.560	2428.280	2445.840	0.5	PASS
		2462	17.560	2453.280	2470.840	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



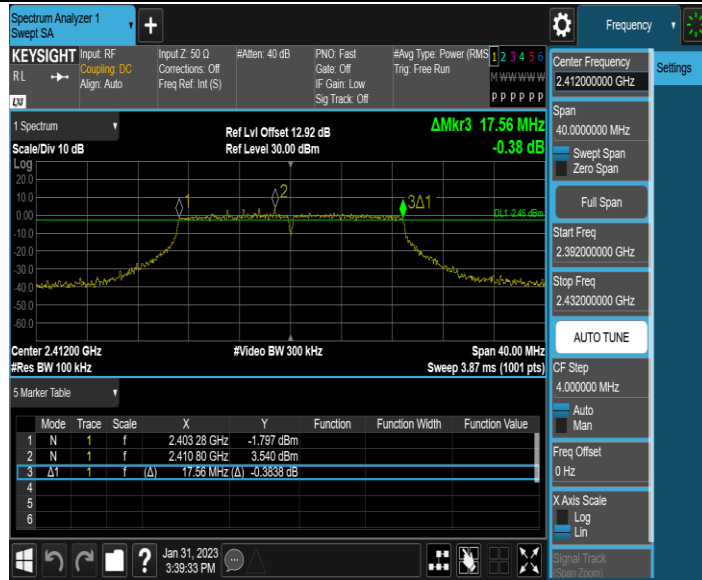
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



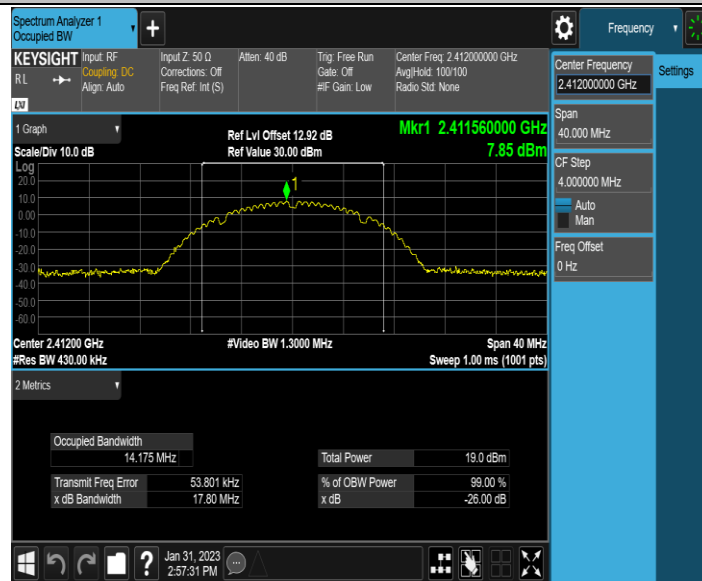
Appendix B: Occupied Channel Bandwidth

Test Result

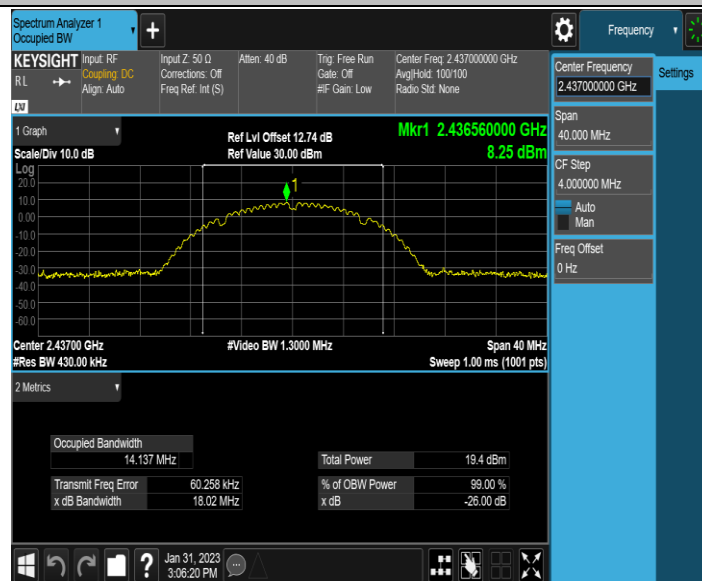
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.175	2404.9663	2419.1413	---	---
		2437	14.137	2429.9918	2444.1288	---	---
		2462	14.152	2454.9767	2469.1287	---	---
11G	Ant1	2412	17.273	2403.4473	2420.7203	---	---
		2437	17.128	2428.5090	2445.6370	---	---
		2462	17.285	2453.3709	2470.6559	---	---
11N20SISO	Ant1	2412	18.310	2402.9114	2421.2214	---	---
		2437	18.238	2428.0041	2446.2421	---	---
		2462	18.265	2452.8977	2471.1627	---	---

Test Graphs

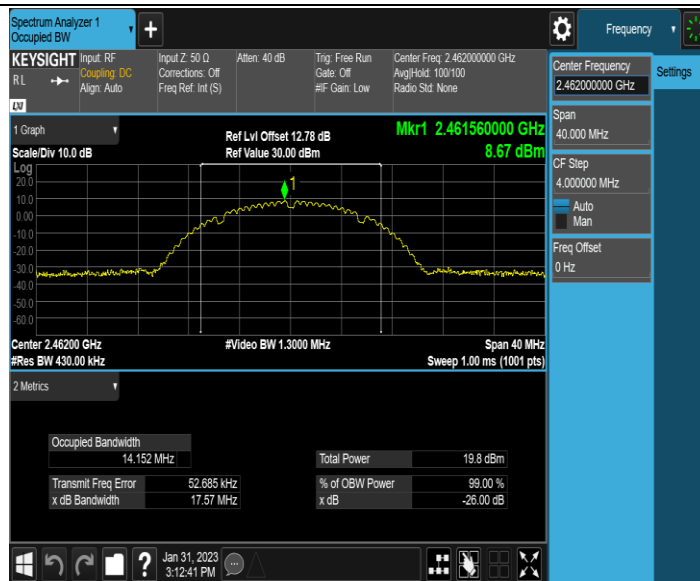
11B_Ant1_2412



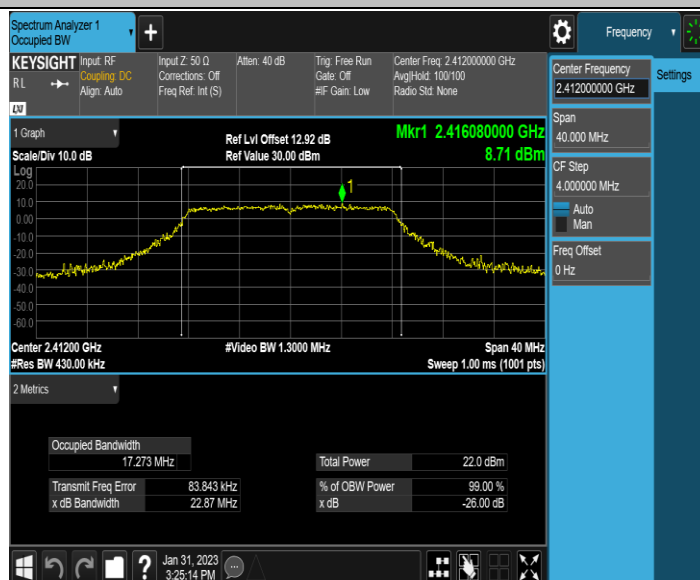
11B_Ant1_2437



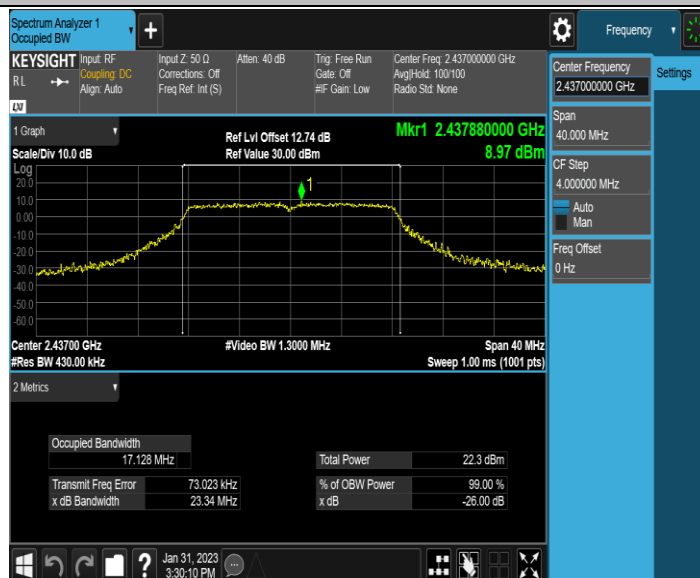
11B_Ant1_2462



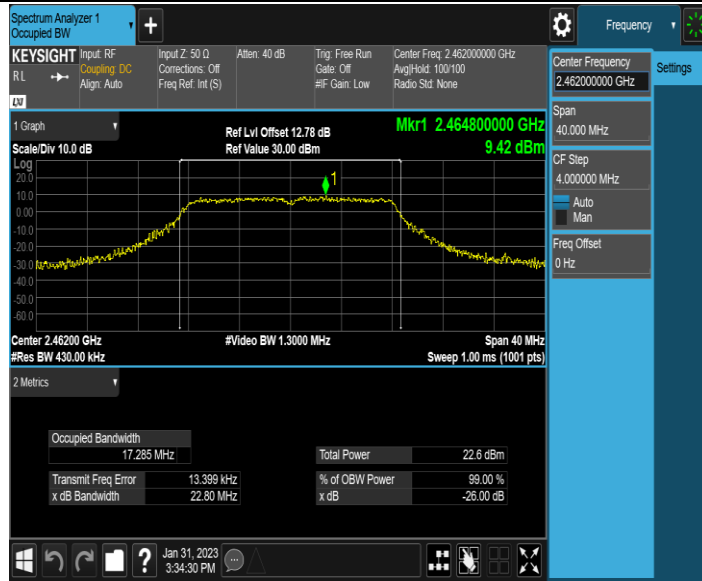
11G_Ant1_2412



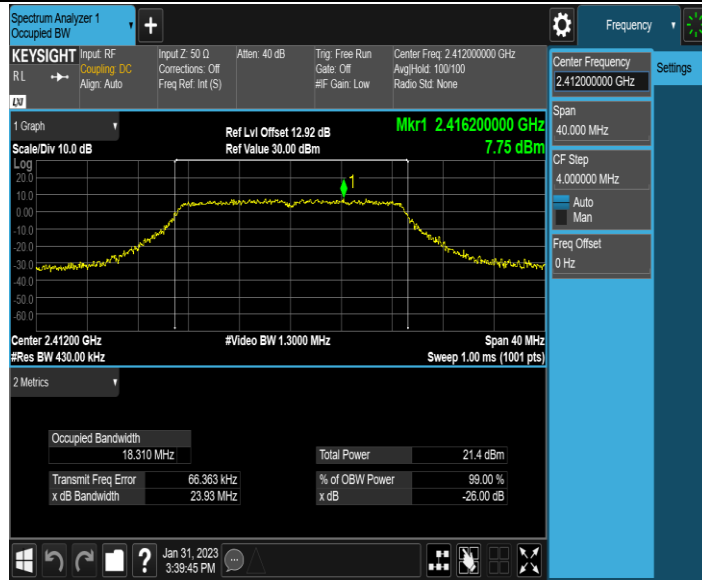
11G_Ant1_2437



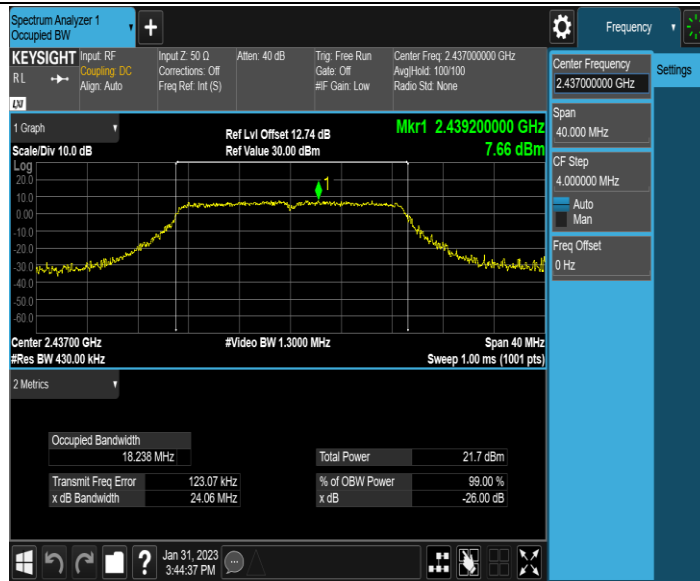
11G_Ant1_2462



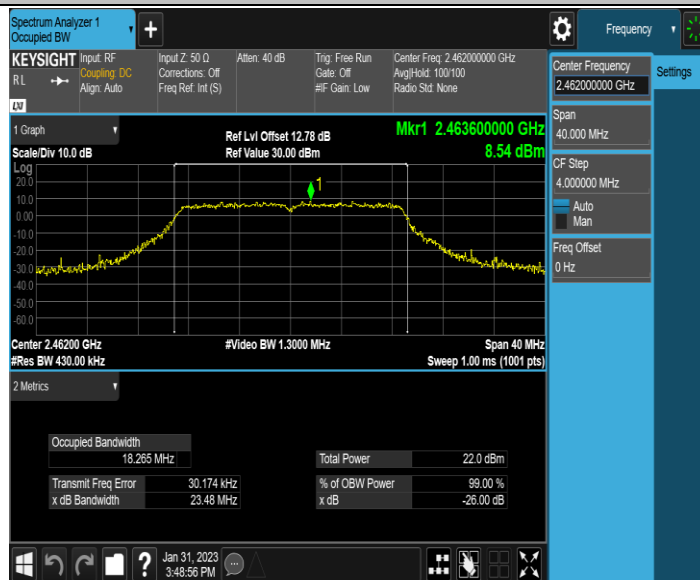
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Frequen cy[MHz]	Set Power	Conducted Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	---	15.95	≤30.00	17.95	≤36.00	PASS
		2437	---	16.39	≤30.00	18.39	≤36.00	PASS
		2462	---	16.76	≤30.00	18.76	≤36.00	PASS
11G	Ant1	2412	---	15.79	≤30.00	17.79	≤36.00	PASS
		2437	---	16.28	≤30.00	18.28	≤36.00	PASS
		2462	---	16.45	≤30.00	18.45	≤36.00	PASS
11N20SIS O	Ant1	2412	---	15.17	≤30.00	17.17	≤36.00	PASS
		2437	---	15.66	≤30.00	17.66	≤36.00	PASS
		2462	---	16.07	≤30.00	18.07	≤36.00	PASS

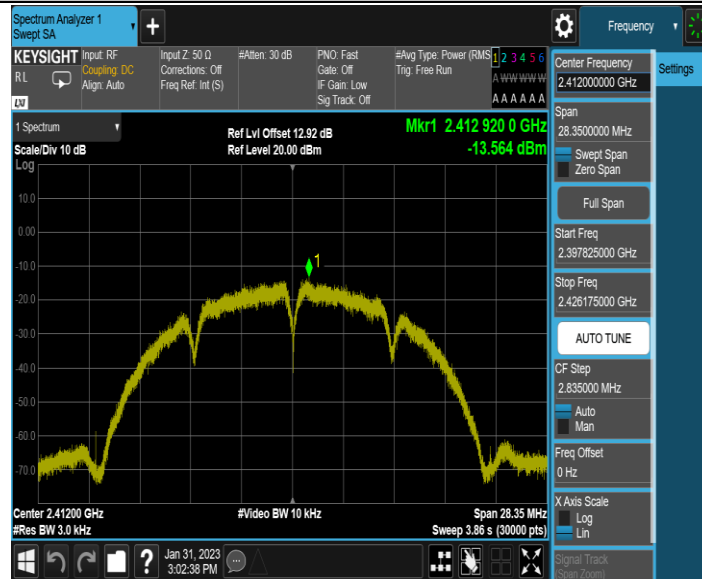
Appendix D: Maximum power spectral density

Test Result

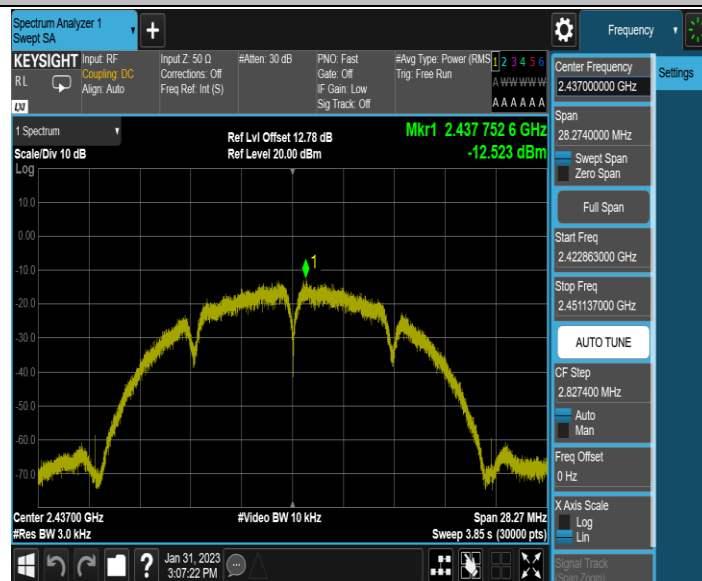
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.56	≤8.00	PASS
		2437	-12.52	≤8.00	PASS
		2462	-12.08	≤8.00	PASS
11G	Ant1	2412	-15.09	≤8.00	PASS
		2437	-14.18	≤8.00	PASS
		2462	-15.34	≤8.00	PASS
11N20SISO	Ant1	2412	-16.61	≤8.00	PASS
		2437	-15.07	≤8.00	PASS
		2462	-15.86	≤8.00	PASS

Test Graphs

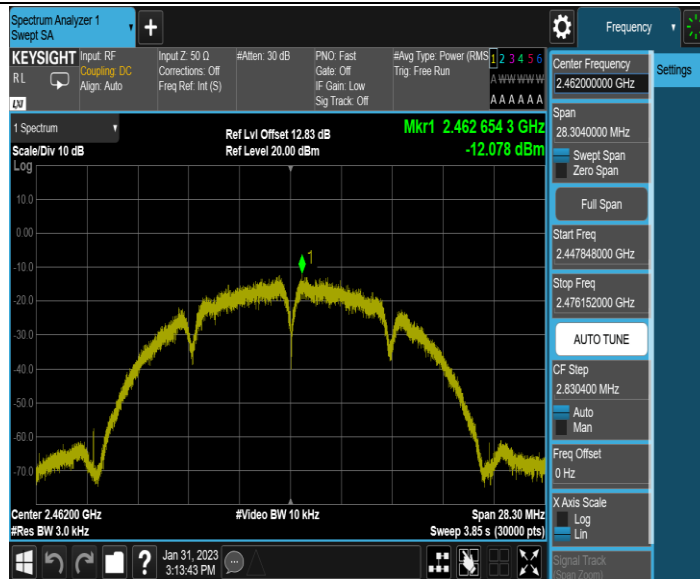
11B_Ant1_2412



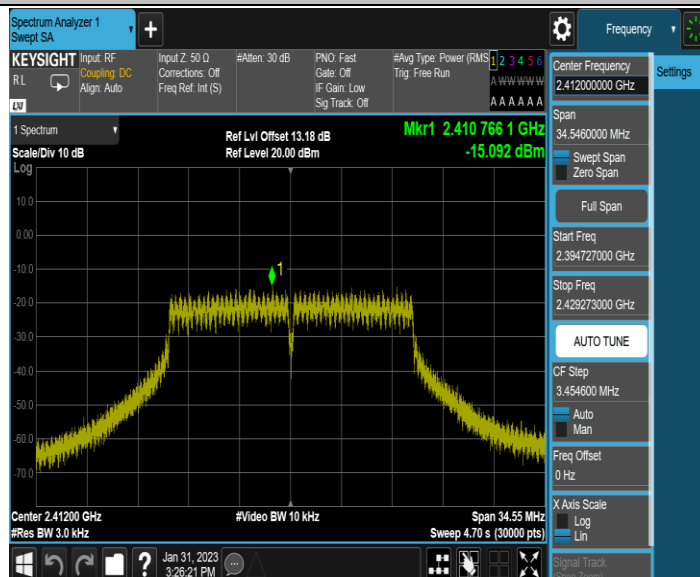
11B_Ant1_2437



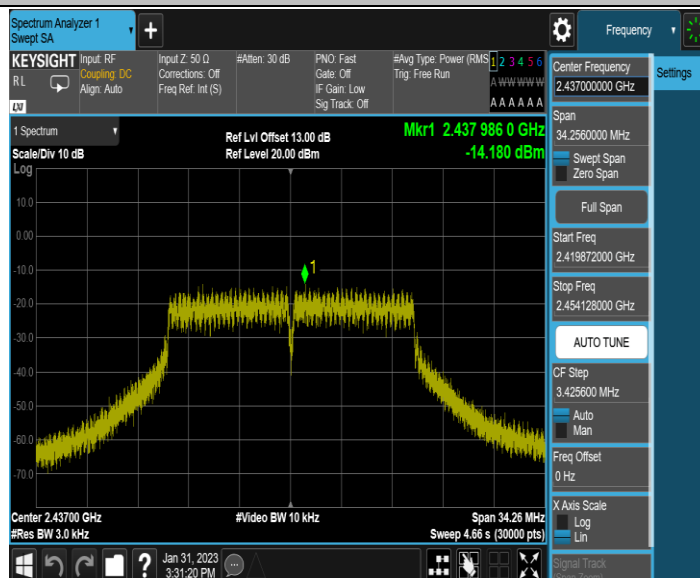
11B_Ant1_2462



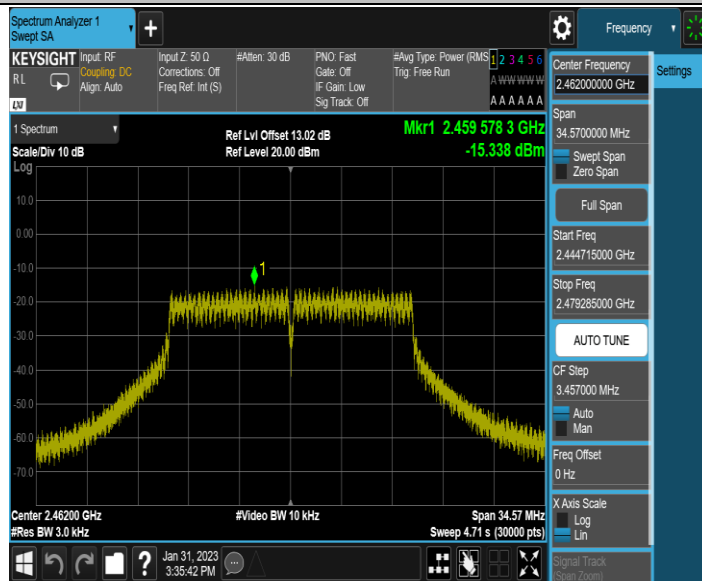
11G_Ant1_2412



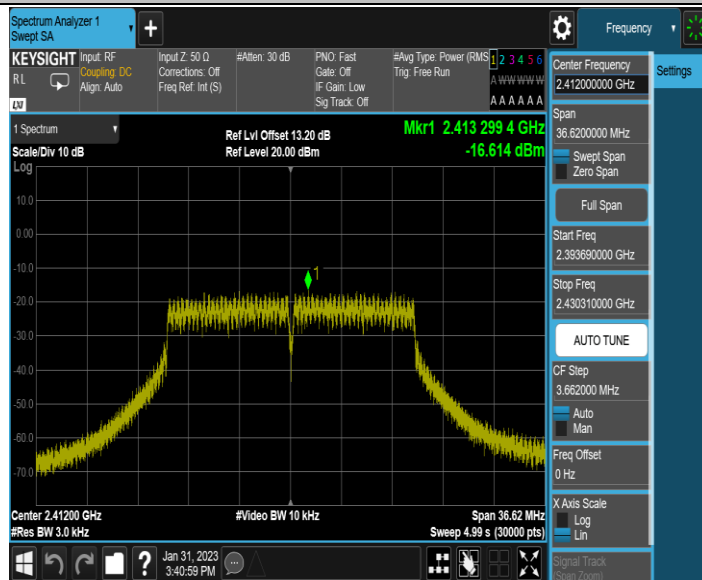
11G_Ant1_2437



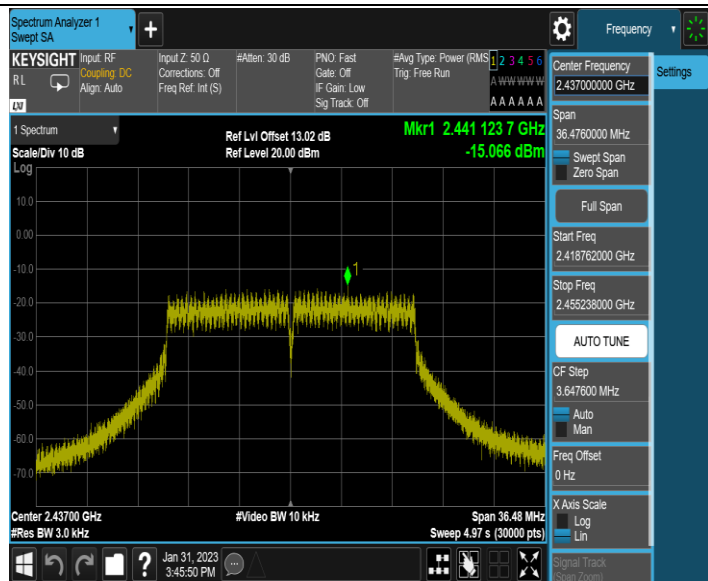
11G_Ant1_2462



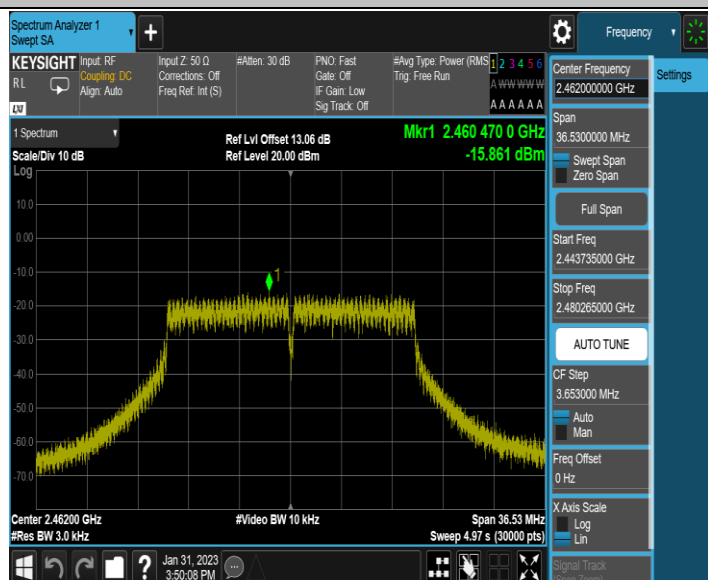
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



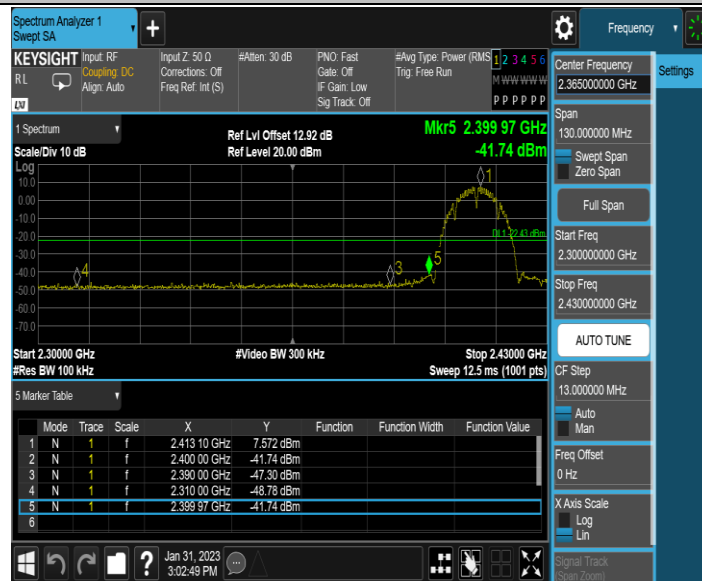
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.57	-41.74	≤-22.43	PASS
		High	2462	8.47	-44.61	≤-21.53	PASS
11G	Ant1	Low	2412	4.08	-28.01	≤-25.92	PASS
		High	2462	5.72	-38.79	≤-24.28	PASS
11N20SISO	Ant1	Low	2412	3.88	-28.32	≤-26.12	PASS
		High	2462	4.32	-39.31	≤-25.68	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412



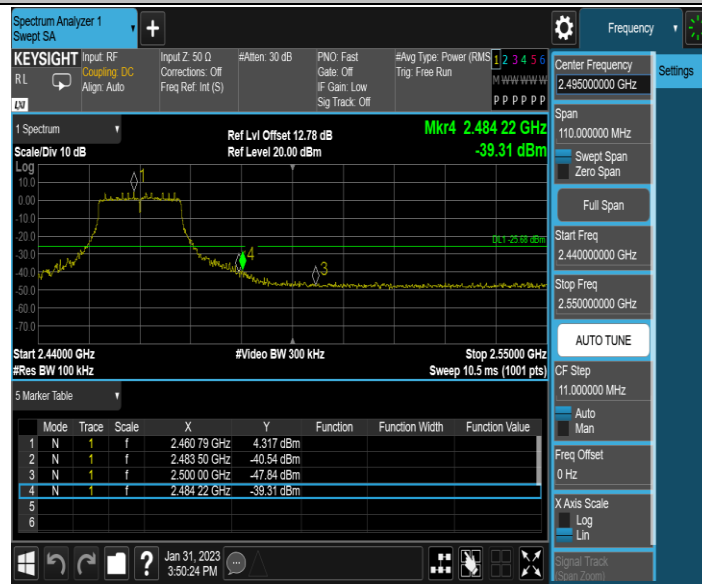
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



Appendix F: Conducted Spurious Emission

Test Result

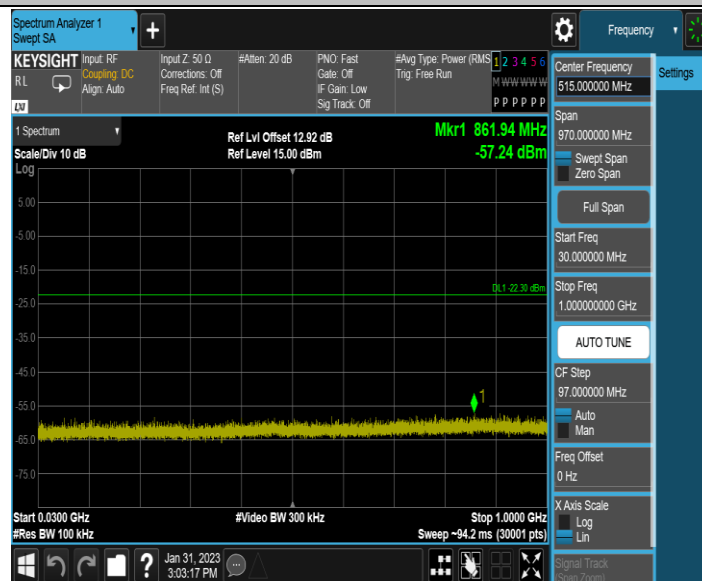
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.70	7.70	---	PASS
			30~1000	7.70	-57.24	≤-22.3	PASS
			1000~26500	7.70	-43.38	≤-22.3	PASS
		2437	Reference	8.05	8.05	---	PASS
			30~1000	8.05	-57.37	≤-21.95	PASS
			1000~26500	8.05	-46.67	≤-21.95	PASS
		2462	Reference	8.25	8.25	---	PASS
			30~1000	8.25	-57.25	≤-21.75	PASS
			1000~26500	8.25	-46.53	≤-21.75	PASS
11G	Ant1	2412	Reference	4.54	4.54	---	PASS
			30~1000	4.54	-57.27	≤-25.46	PASS
			1000~26500	4.54	-48.69	≤-25.46	PASS
		2437	Reference	5.41	5.41	---	PASS
			30~1000	5.41	-41.28	≤-24.59	PASS
			1000~26500	5.41	-49.34	≤-24.59	PASS
		2462	Reference	5.70	5.70	---	PASS
			30~1000	5.70	-57.07	≤-24.3	PASS
			1000~26500	5.70	-47.55	≤-24.3	PASS
11N20SISO	Ant1	2412	Reference	4.19	4.19	---	PASS
			30~1000	4.19	-35.74	≤-25.81	PASS
			1000~26500	4.19	-49.1	≤-25.81	PASS
		2437	Reference	4.96	4.96	---	PASS
			30~1000	4.96	-57.26	≤-25.04	PASS
			1000~26500	4.96	-48.92	≤-25.04	PASS
		2462	Reference	5.23	5.23	---	PASS
			30~1000	5.23	-57.18	≤-24.77	PASS
			1000~26500	5.23	-48.76	≤-24.77	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000

