

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	10.000	2431.960	2441.960	0.5	PASS
		2462	9.040	2457.440	2466.480	0.5	PASS
11G	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
		2437	16.320	2428.800	2445.120	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SI SO	Ant1	2412	17.280	2403.440	2420.720	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

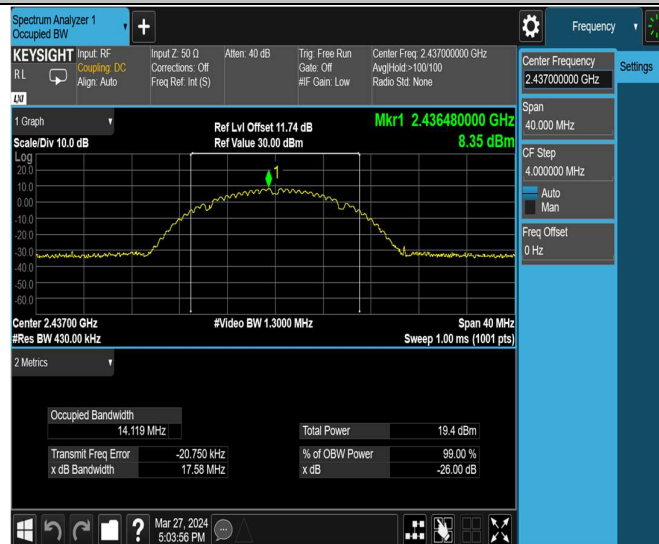
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.130	2404.9140	2419.044 0	---	---
		2437	14.113	2429.9227	2444.035 7	---	---
		2462	14.141	2454.9042	2469.045 2	---	---
11G	Ant1	2412	17.224	2403.4366	2420.660 6	---	---
		2437	17.372	2428.2438	2445.615 8	---	---
		2462	17.384	2453.3025	2470.686 5	---	---
11N20SI SO	Ant1	2412	18.239	2402.8777	2421.116 7	---	---
		2437	18.315	2427.8686	2446.183 6	---	---
		2462	18.228	2452.9056	2471.133 6	---	---

Test Graphs

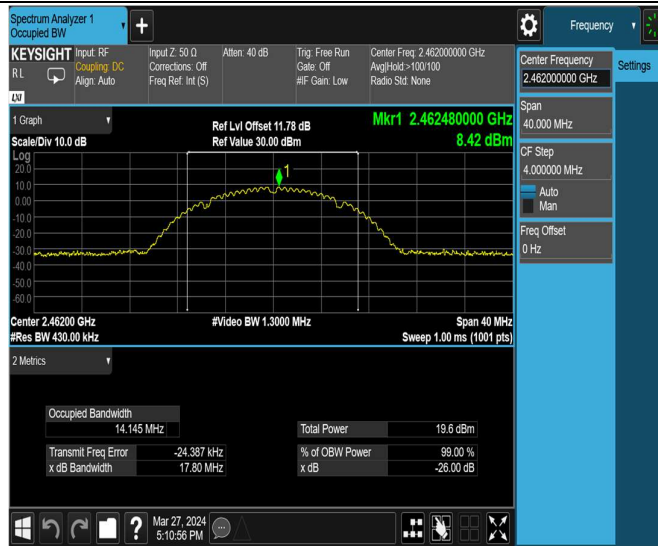
11B_Ant1_2412



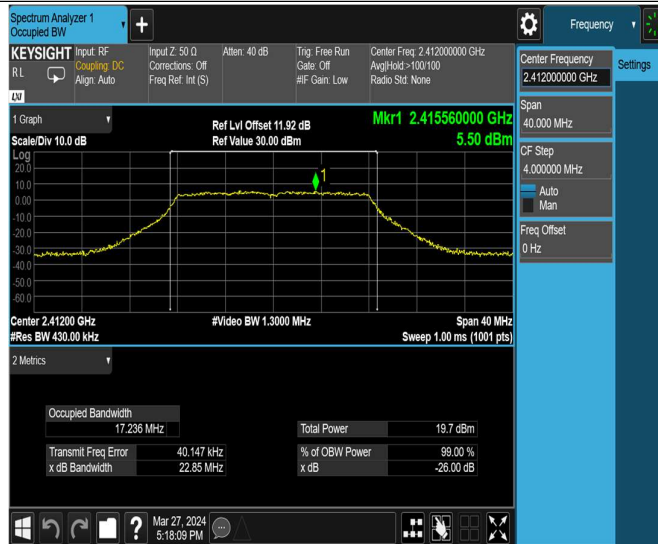
11B_Ant1_2437



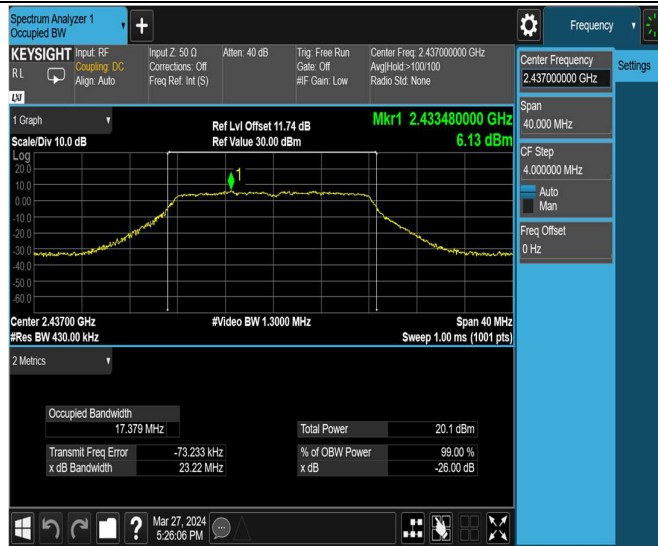
11B_Ant1_2462



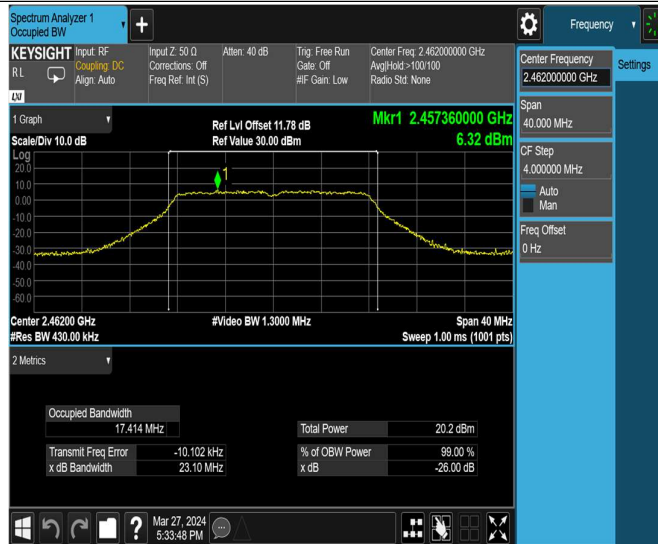
11G_Ant1_2412



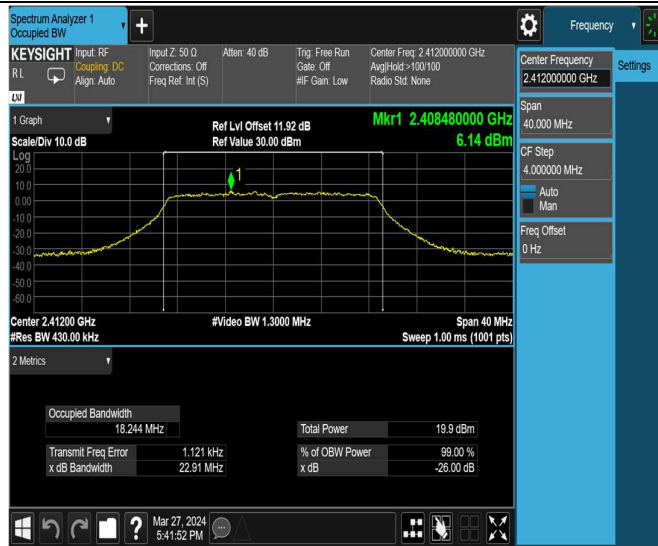
11G_Ant1_2437



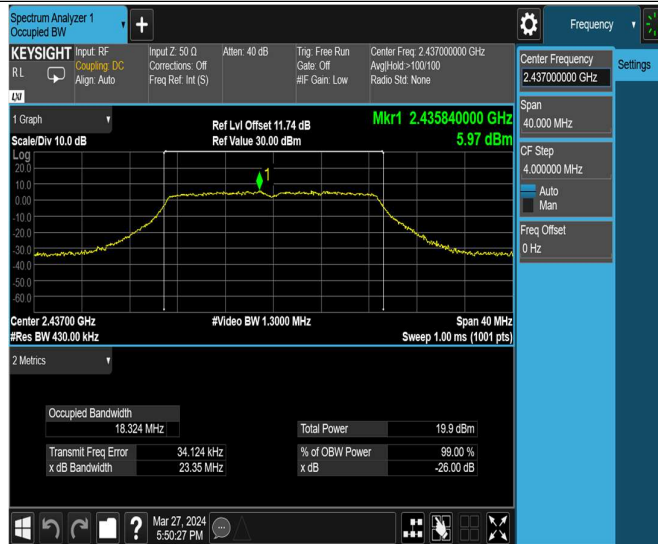
11G_Ant1_2462



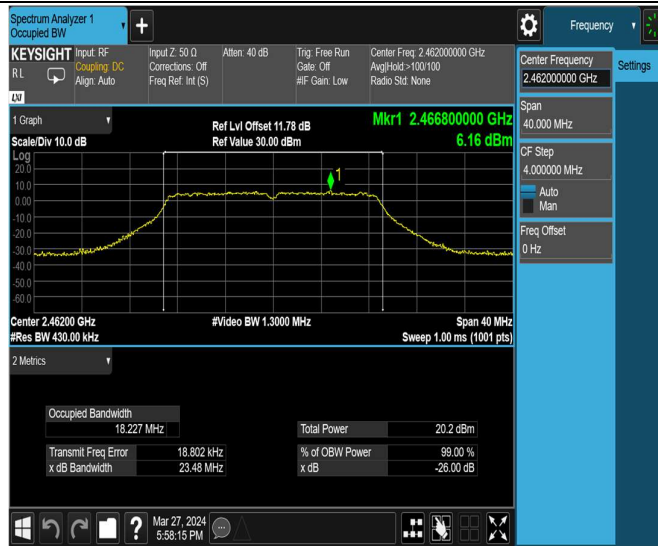
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	99.04	0.04	16.30	≤30.00	PASS
		2437	99.04	0.04	16.42	≤30.00	PASS
		2462	99.04	0.04	16.52	≤30.00	PASS
11G	Ant1	2412	94.09	0.26	12.73	≤30.00	PASS
		2437	94.06	0.27	13.03	≤30.00	PASS
		2462	94.06	0.27	13.23	≤30.00	PASS
11N20SISO	Ant1	2412	93.66	0.28	12.81	≤30.00	PASS
		2437	93.66	0.28	12.93	≤30.00	PASS
		2462	93.66	0.28	13.11	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

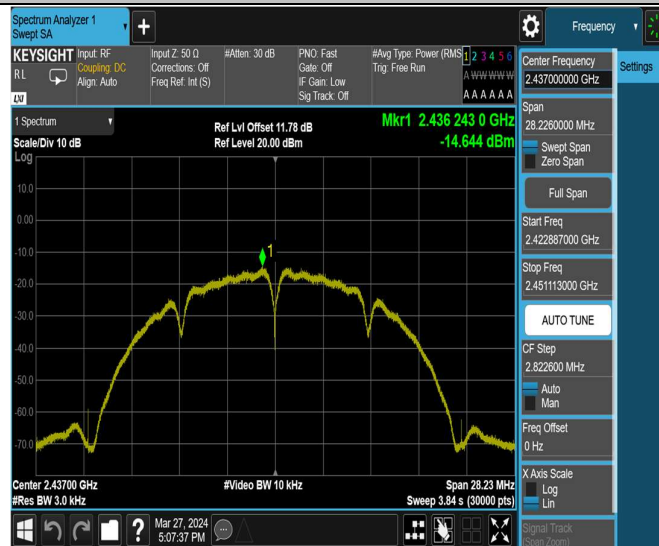
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.98	≤8.00	PASS
		2437	-14.64	≤8.00	PASS
		2462	-14.72	≤8.00	PASS
11G	Ant1	2412	-19.39	≤8.00	PASS
		2437	-18.23	≤8.00	PASS
		2462	-19.03	≤8.00	PASS
11N20SISO	Ant1	2412	-18.66	≤8.00	PASS
		2437	-18.35	≤8.00	PASS
		2462	-18.89	≤8.00	PASS

Test Graphs

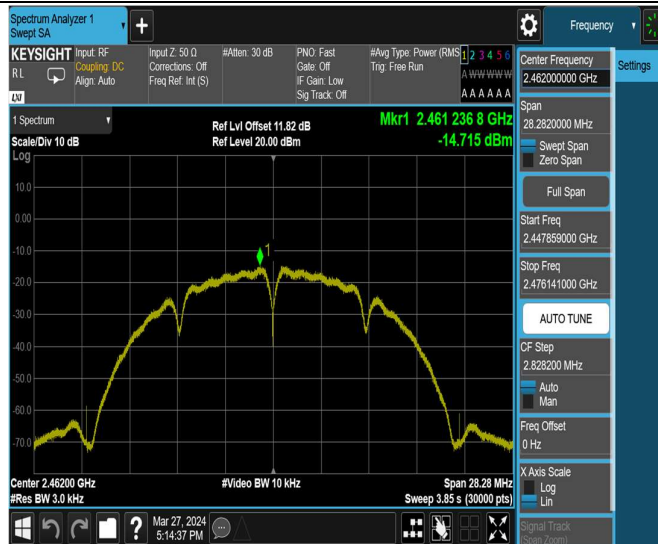
11B_Ant1_2412



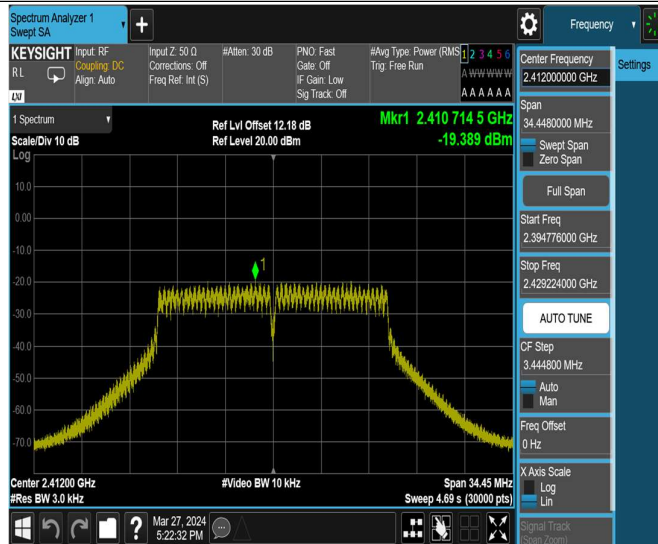
11B_Ant1_2437



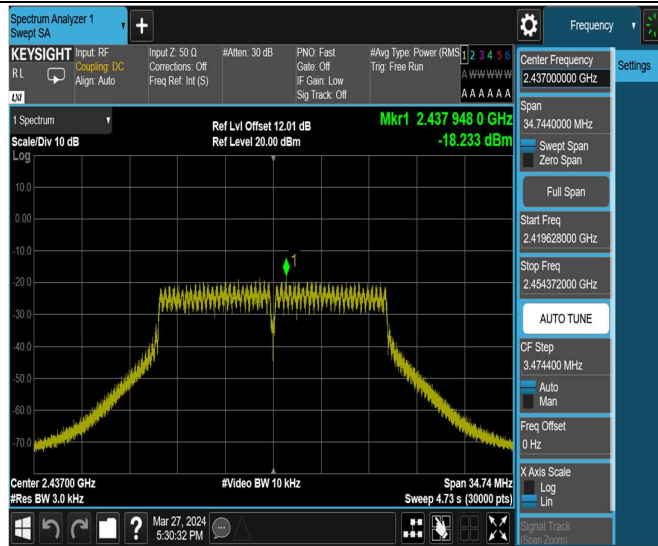
11B_Ant1_2462



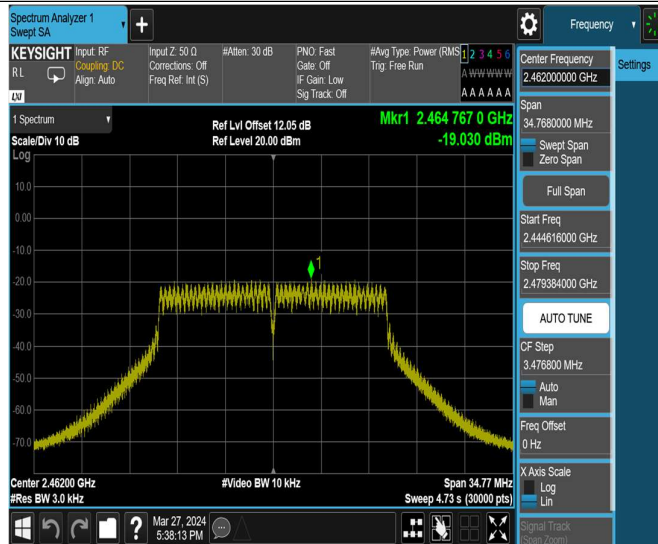
11G_Ant1_2412



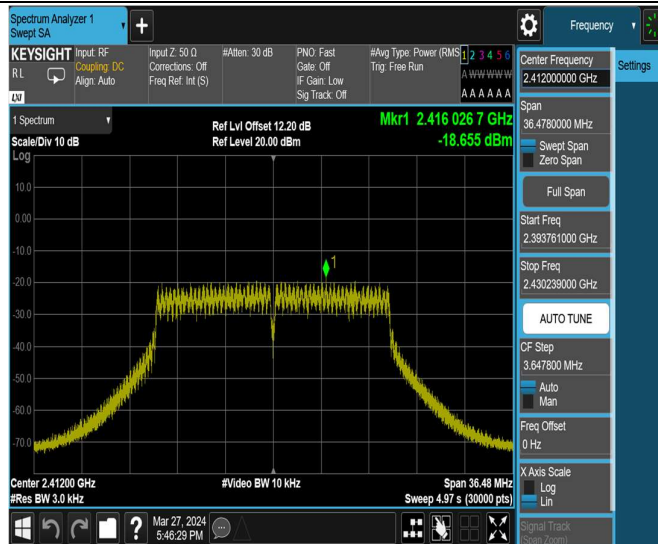
11G_Ant1_2437



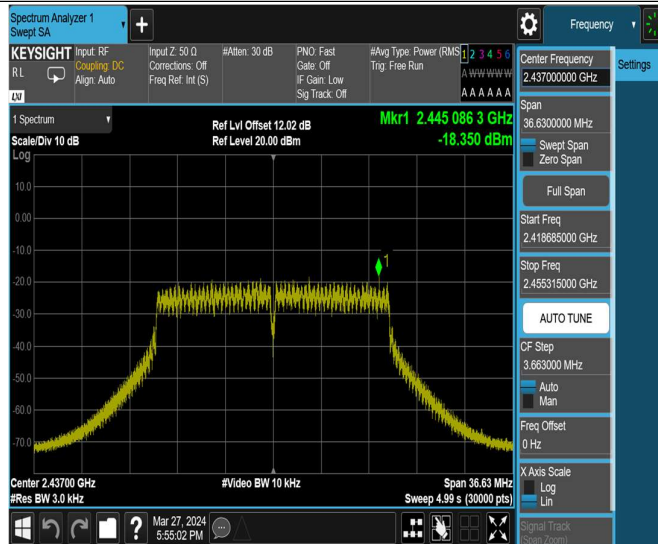
11G_Ant1_2462



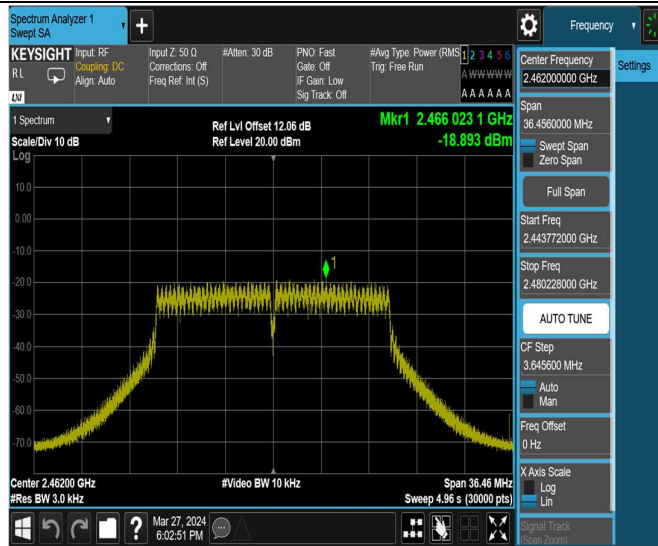
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.85	-41.3	≤-22.15	PASS
		High	2462	7.90	-45.81	≤-22.1	PASS
11G	Ant1	Low	2412	2.01	-33.8	≤-27.99	PASS
		High	2462	2.20	-46.48	≤-27.8	PASS
11N20SI SO	Ant1	Low	2412	1.62	-32.79	≤-28.38	PASS
		High	2462	2.31	-46.09	≤-27.69	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412



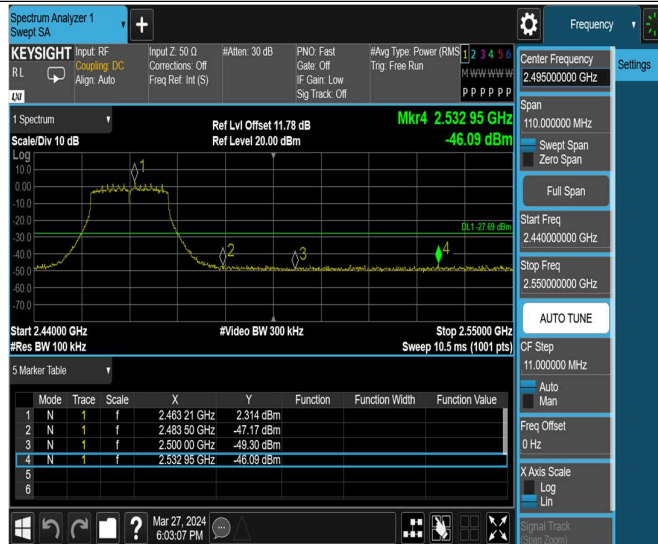
11G_Ant1_High_2462



11N20ISO_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	7.85	7.85	---	PASS
			30~1000	7.85	-57.33	≤-22.15	PASS
			1000~2650 0	7.85	-49.22	≤-22.15	PASS
		2437	Reference	7.95	7.95	---	PASS
			30~1000	7.95	-58.34	≤-22.05	PASS
			1000~2650 0	7.95	-50.27	≤-22.05	PASS
		2462	Reference	8.31	8.31	---	PASS
			30~1000	8.31	-58.07	≤-21.69	PASS
			1000~2650 0	8.31	-48.46	≤-21.69	PASS
11G	Ant1	2412	Reference	1.93	1.93	---	PASS
			30~1000	1.93	-57.78	≤-28.07	PASS
			1000~2650 0	1.93	-49.49	≤-28.07	PASS
		2437	Reference	2.21	2.21	---	PASS
			30~1000	2.21	-58.54	≤-27.79	PASS
			1000~2650 0	2.21	-50.03	≤-27.79	PASS
		2462	Reference	2.13	2.13	---	PASS
			30~1000	2.13	-58.56	≤-27.87	PASS
			1000~2650 0	2.13	-50.27	≤-27.87	PASS

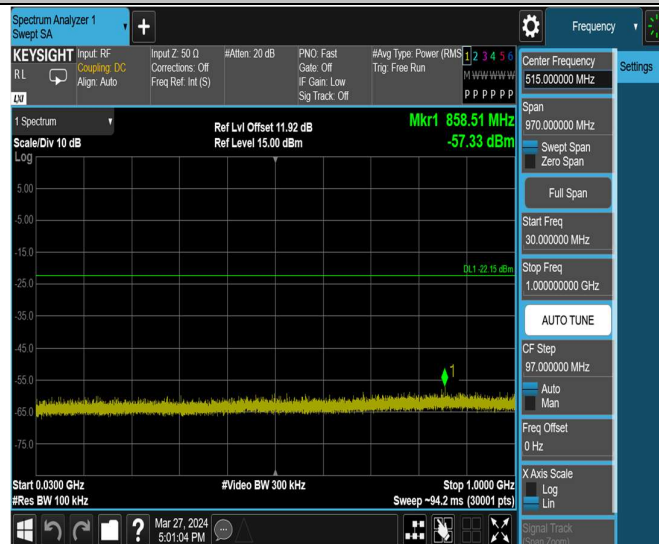
11N20Si SO	Ant1	2412	Reference	2.03	2.03	---	PASS
			30~1000	2.03	-58.53	≤ -27.97	PASS
			1000~2650 0	2.03	-50.34	≤ -27.97	PASS
		2437	Reference	2.19	2.19	---	PASS
			30~1000	2.19	-58.22	≤ -27.81	PASS
			1000~2650 0	2.19	-50.73	≤ -27.81	PASS
		2462	Reference	2.28	2.28	---	PASS
			30~1000	2.28	-58.69	≤ -27.72	PASS
			1000~2650 0	2.28	-49.66	≤ -27.72	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



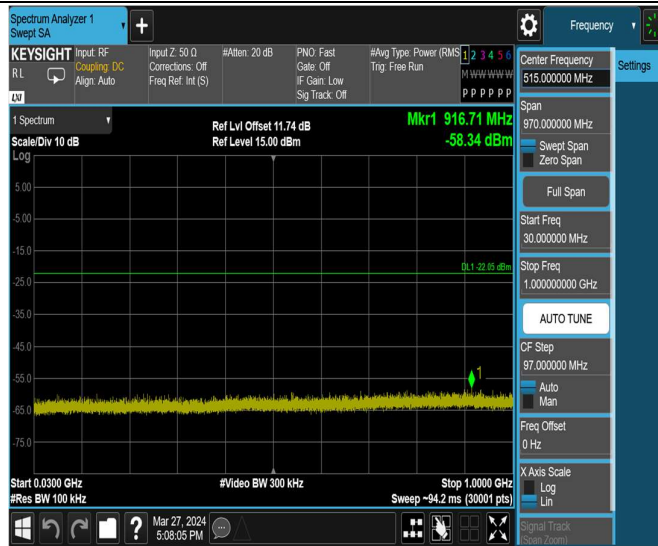
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500