

FCC Appendix RF Test Data for 2.4GWIFI

FCC ID : 2BU85-T70

Company : JIAHANG TECHNOLOGY (HONG KONG) CO.,LIMITED

EUT : Tablet PC

Model Number : T70

Report No. : CTA26041100403

Reviewed By : Eric Wang

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.640	2407.440	2417.080	0.5	PASS
		2437	10.080	2432.000	2442.080	0.5	PASS
		2462	9.680	2456.960	2466.640	0.5	PASS
11G	Ant1	2412	16.240	2403.920	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.080	2453.880	2469.960	0.5	PASS
11N20SISO	Ant1	2412	16.760	2403.760	2420.520	0.5	PASS
		2437	17.440	2428.320	2445.760	0.5	PASS
		2462	16.920	2453.360	2470.280	0.5	PASS
11N40SISO	Ant1	2422	35.360	2404.480	2439.840	0.5	PASS
		2437	36.400	2418.760	2455.160	0.5	PASS
		2452	35.600	2434.160	2469.760	0.5	PASS

Test Graphs

11B_Ant1_2412



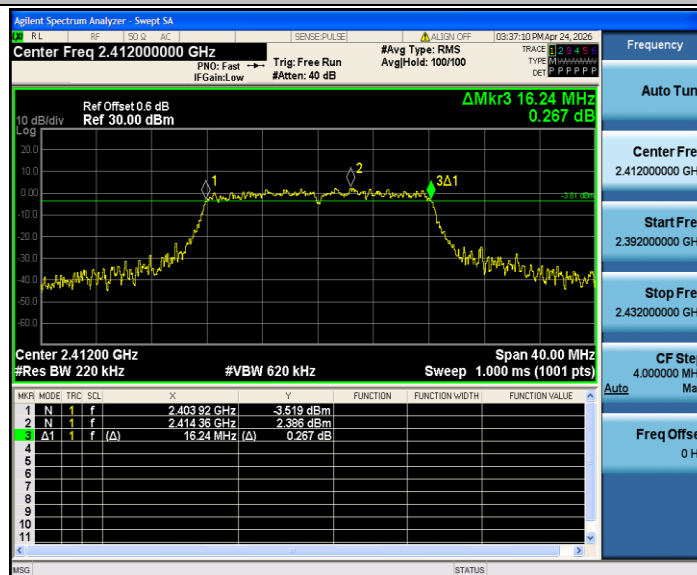
11B_Ant1_2437



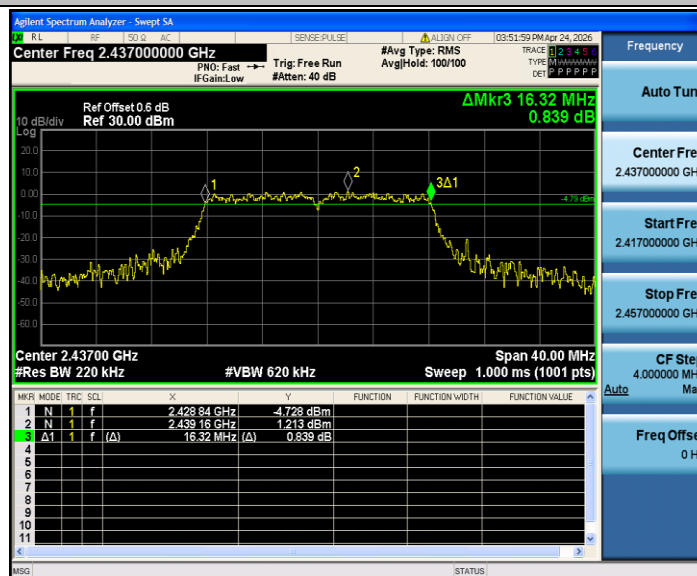
11B_Ant1_2462



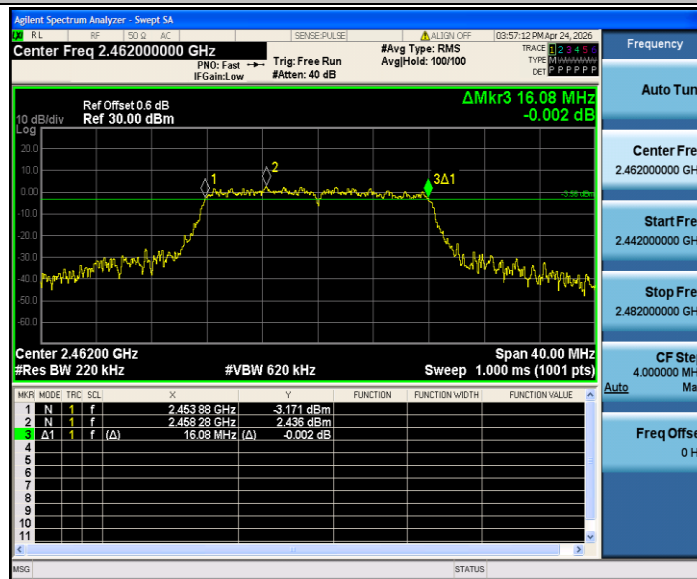
11G_Ant1_2412



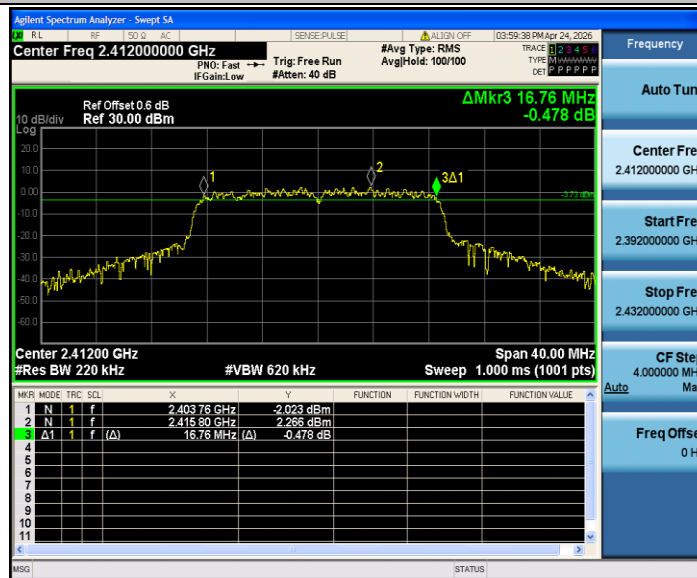
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



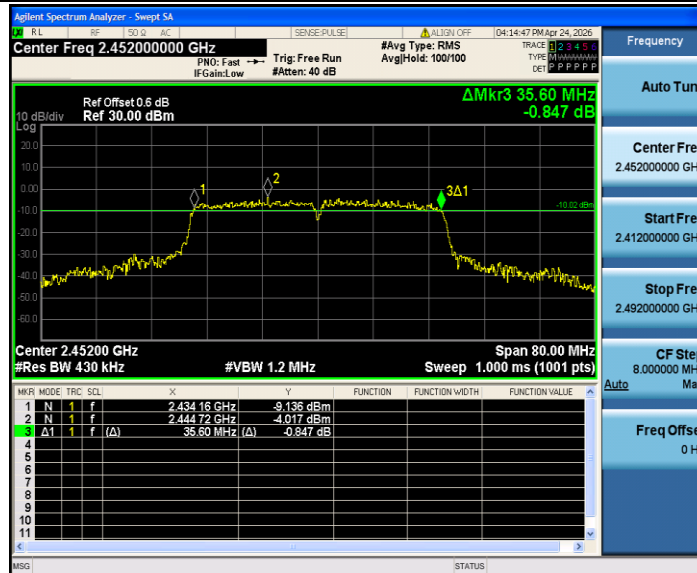
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



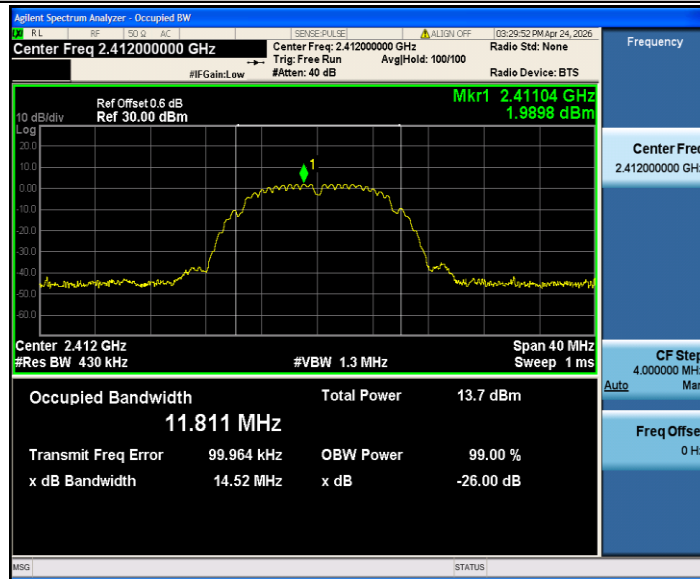
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.811	2406.1945	2418.0055	---	---
		2437	11.951	2431.0612	2443.0122	---	---
		2462	11.886	2456.0059	2467.8919	---	---
11G	Ant1	2412	16.643	2403.7890	2420.4320	---	---
		2437	16.749	2428.6187	2445.3677	---	---
		2462	16.671	2453.6056	2470.2766	---	---
11N20SISO	Ant1	2412	17.709	2403.2431	2420.9521	---	---
		2437	17.770	2428.1599	2445.9299	---	---
		2462	17.662	2453.1525	2470.8145	---	---
11N40SISO	Ant1	2422	36.163	2404.0209	2440.1839	---	---
		2437	36.394	2418.8544	2455.2484	---	---
		2452	36.152	2433.9153	2470.0673	---	---

Test Graphs

11B_Ant1_2412



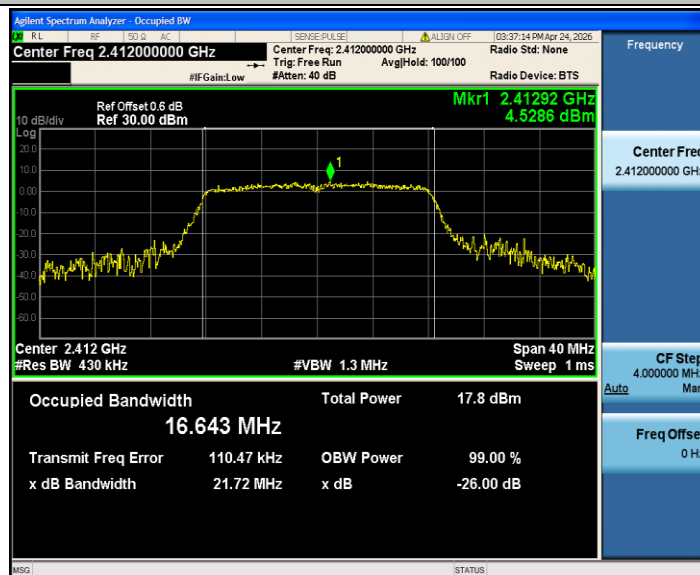
11B_Ant1_2437



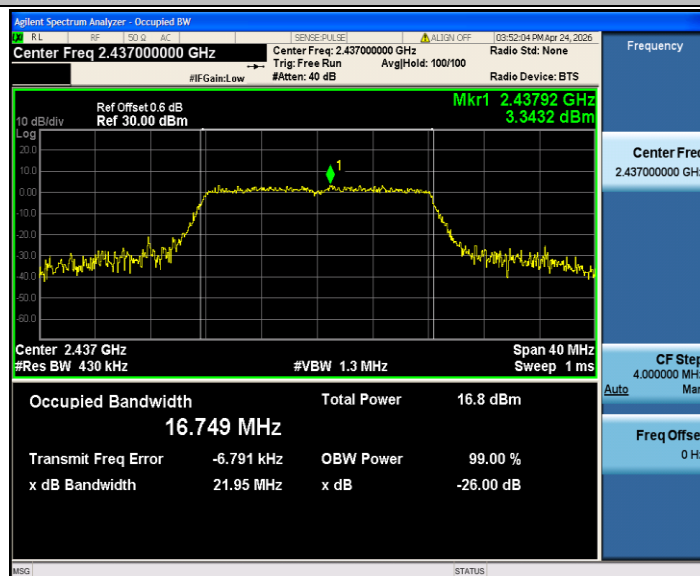
11B_Ant1_2462



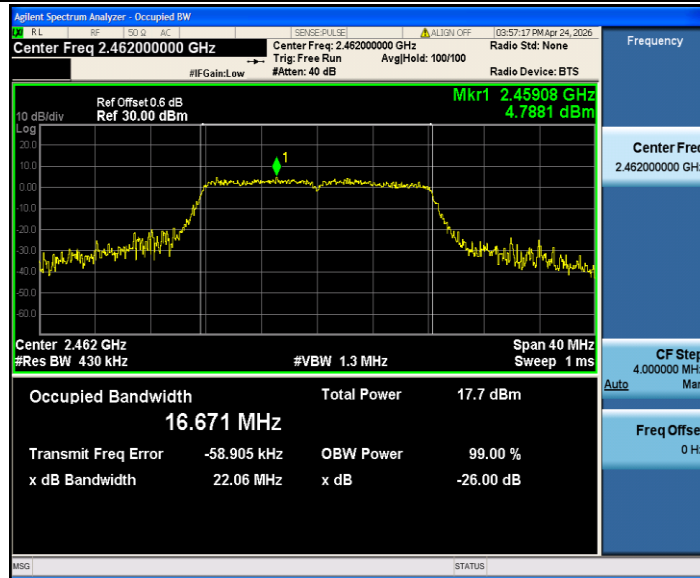
11G_Ant1_2412



11G_Ant1_2437



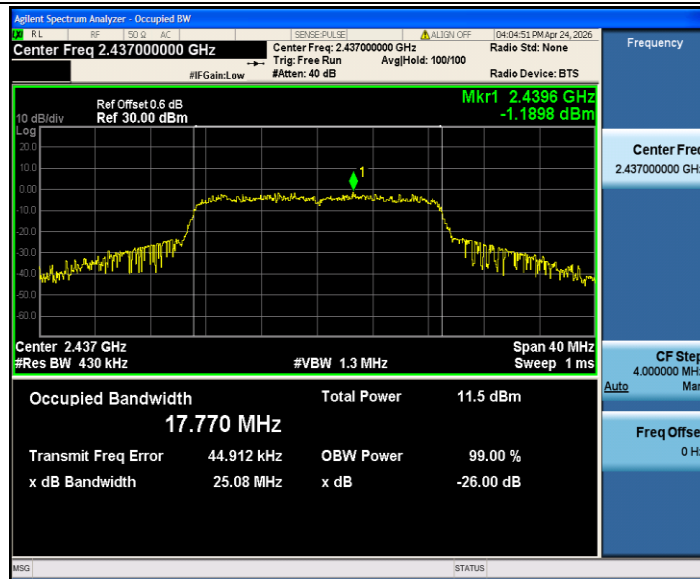
11G_Ant1_2462



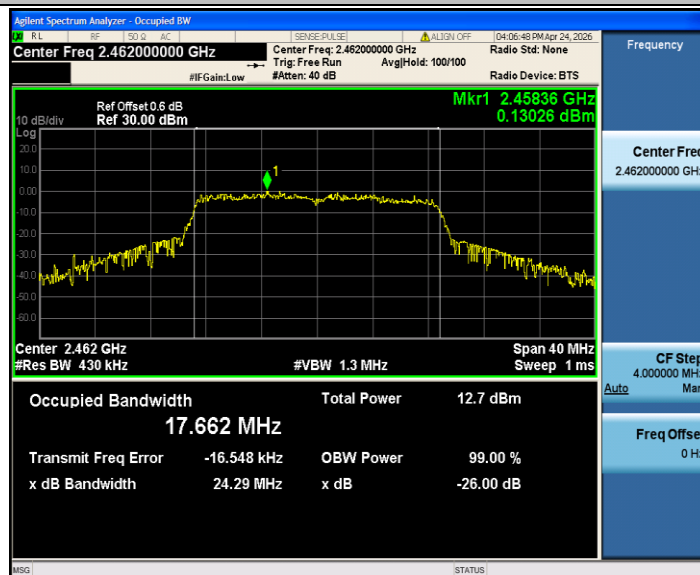
11N20SISO_Ant1_2412



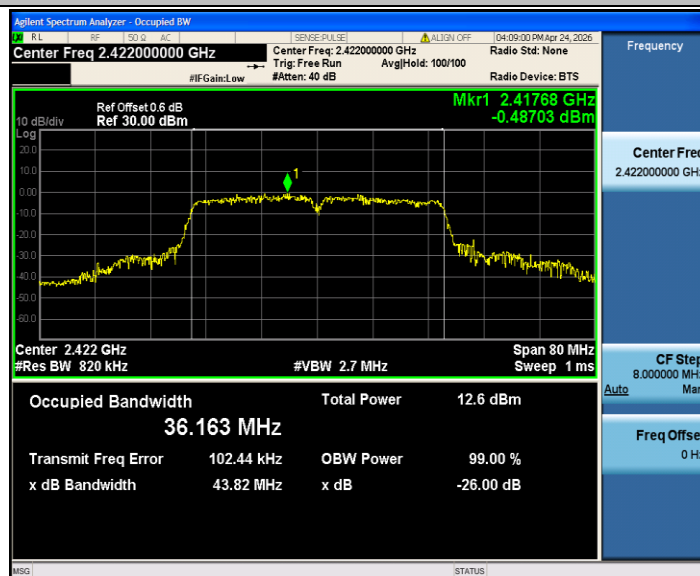
11N20SISO_Ant1_2437



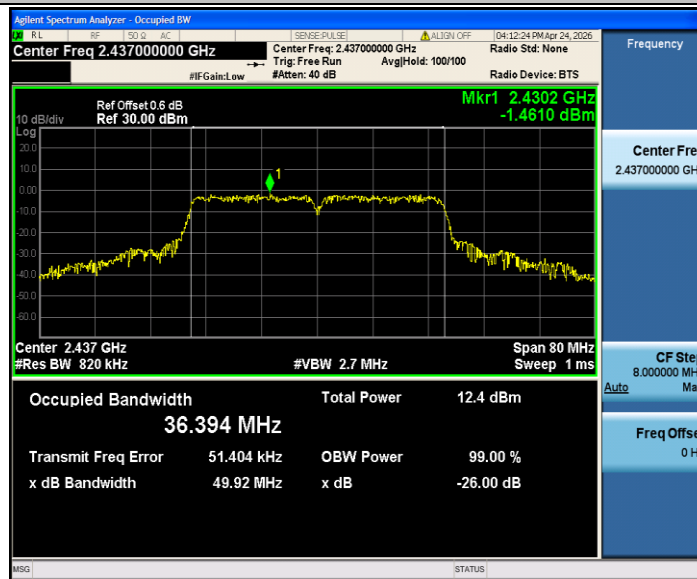
11N20SISO_Ant1_2462



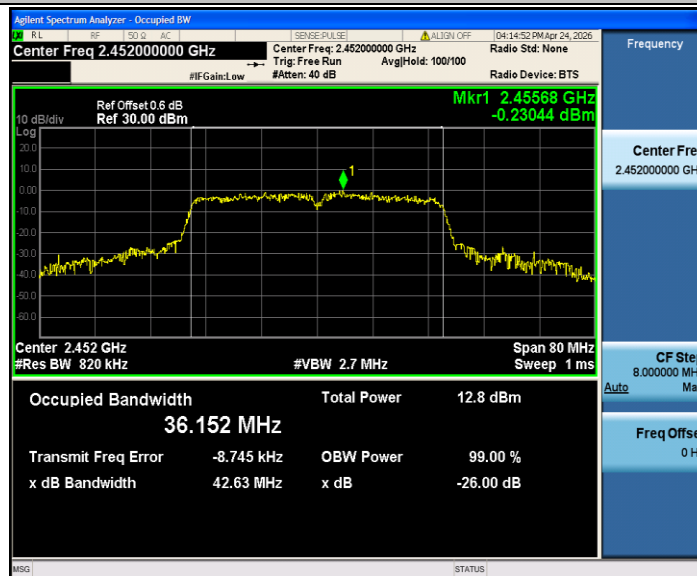
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	13.54	≤30.00	PASS
		2437	12.38	≤30.00	PASS
		2462	13.81	≤30.00	PASS
11G	Ant1	2412	15.89	≤30.00	PASS
		2437	12.59	≤30.00	PASS
		2462	13.87	≤30.00	PASS
11N20SISO	Ant1	2412	13.73	≤30.00	PASS
		2437	12.66	≤30.00	PASS
		2462	13.95	≤30.00	PASS
11N40SISO	Ant1	2422	12.80	≤30.00	PASS
		2437	12.58	≤30.00	PASS
		2452	12.87	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

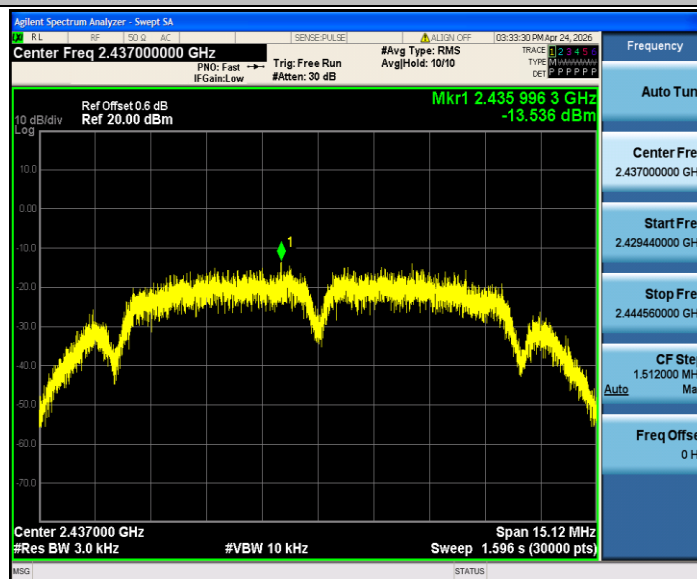
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.04	≤8.00	PASS
		2437	-13.54	≤8.00	PASS
		2462	-11.57	≤8.00	PASS
11G	Ant1	2412	-14.31	≤8.00	PASS
		2437	-15.68	≤8.00	PASS
		2462	-13.27	≤8.00	PASS
11N20SISO	Ant1	2412	-19.35	≤8.00	PASS
		2437	-20.45	≤8.00	PASS
		2462	-19.17	≤8.00	PASS
11N40SISO	Ant1	2422	-22.27	≤8.00	PASS
		2437	-22.17	≤8.00	PASS
		2452	-21.49	≤8.00	PASS

Test Graphs

11B_Ant1_2412



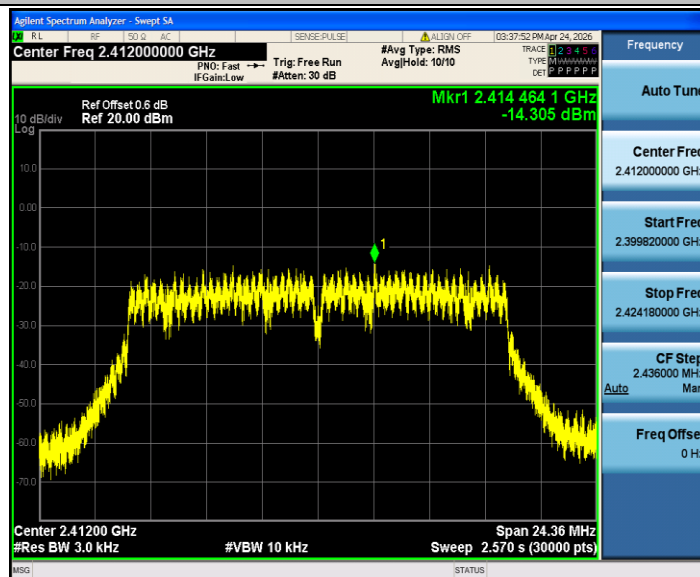
11B_Ant1_2437



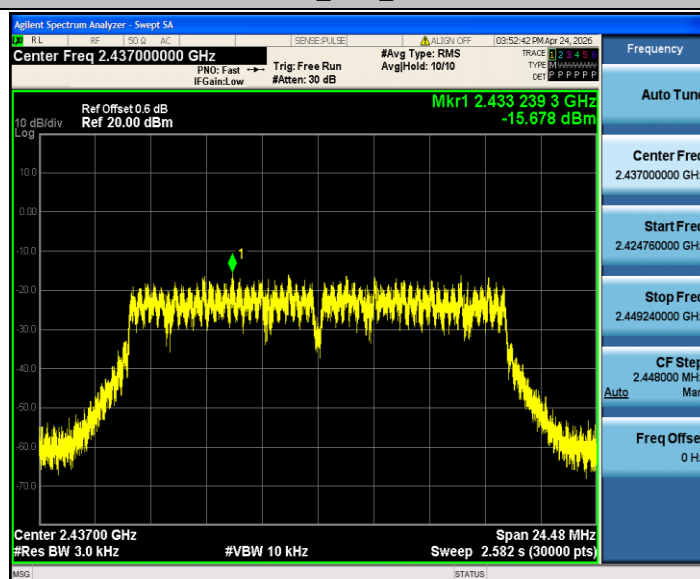
11B_Ant1_2462



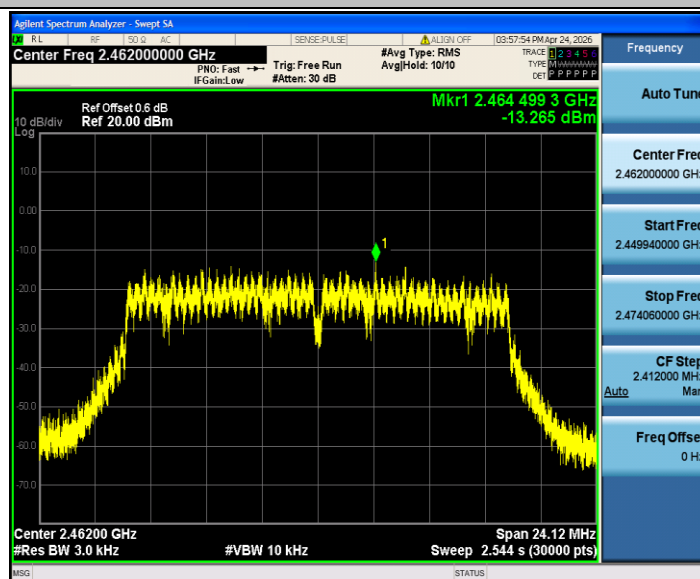
11G_Ant1_2412



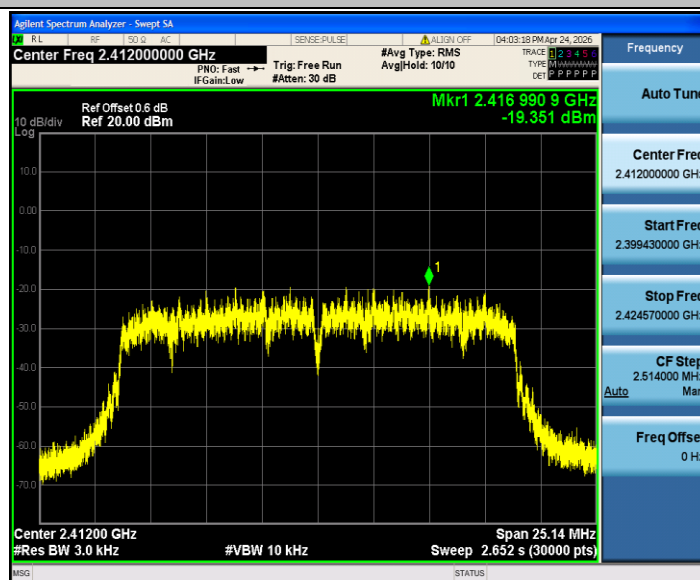
11G_Ant1_2437



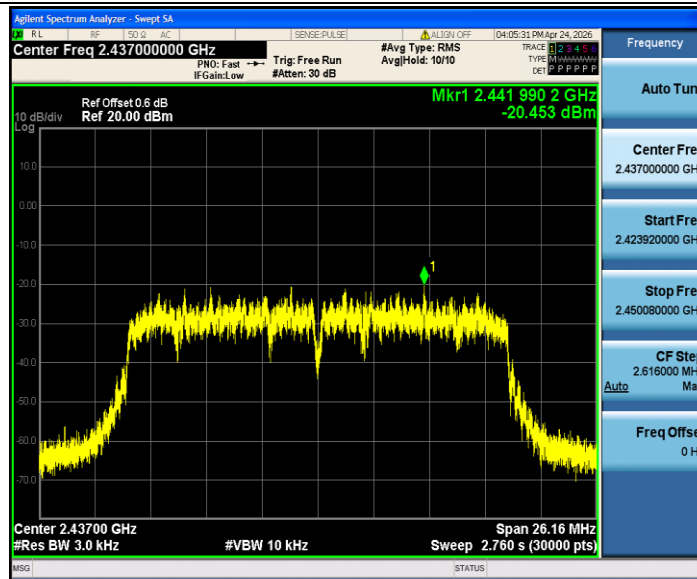
11G_Ant1_2462



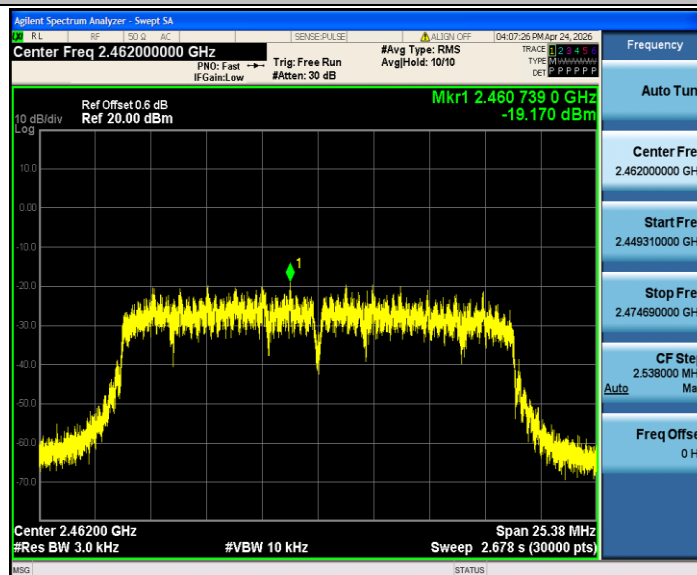
11N20SISO_Ant1_2412



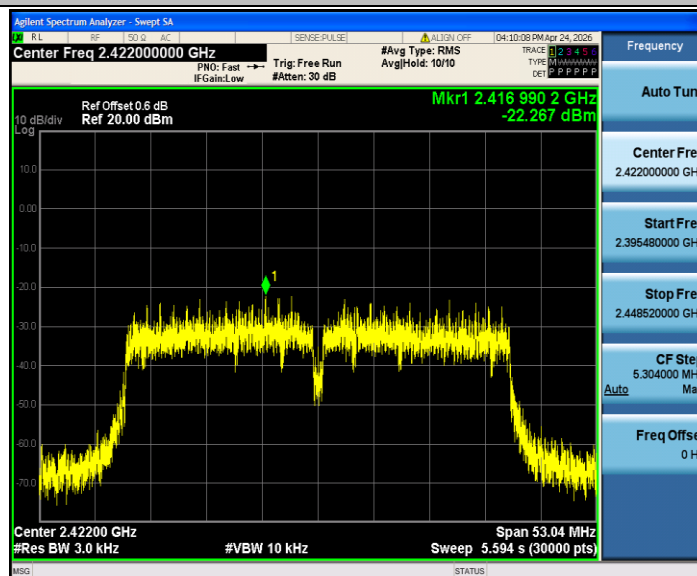
11N20SISO_Ant1_2437



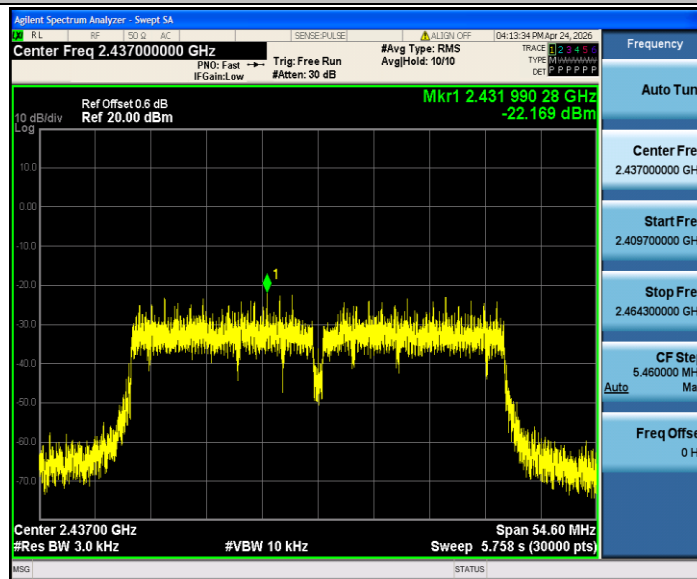
11N20SISO_Ant1_2462



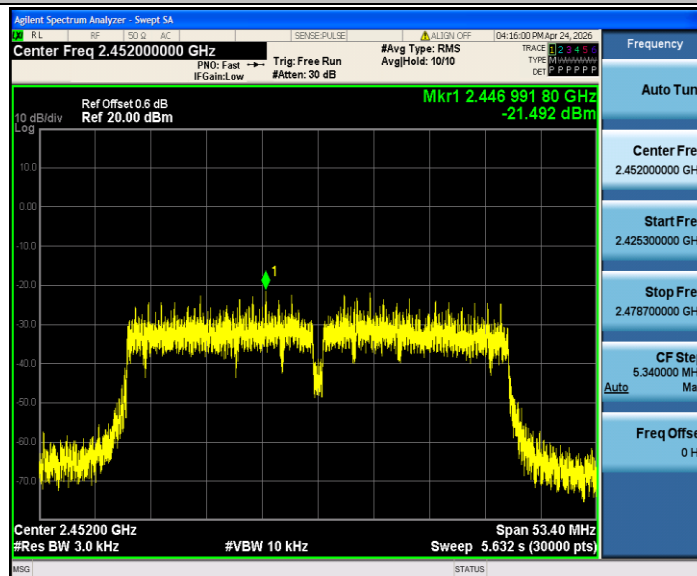
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



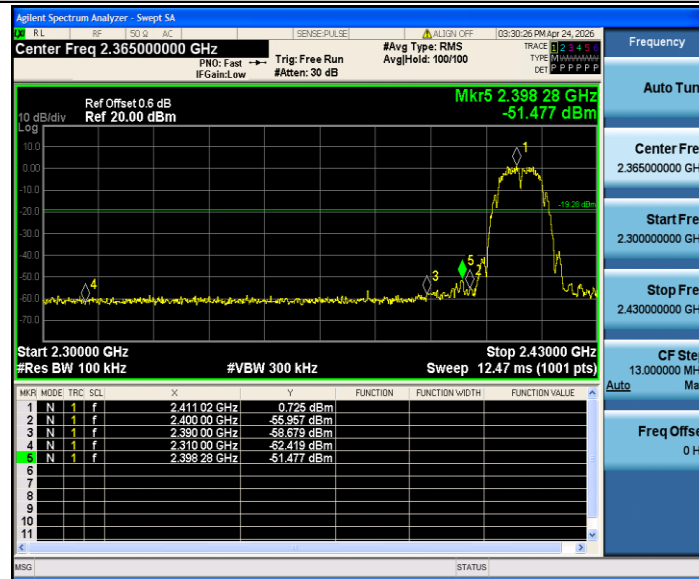
Appendix E: Band edge measurements

Test Result

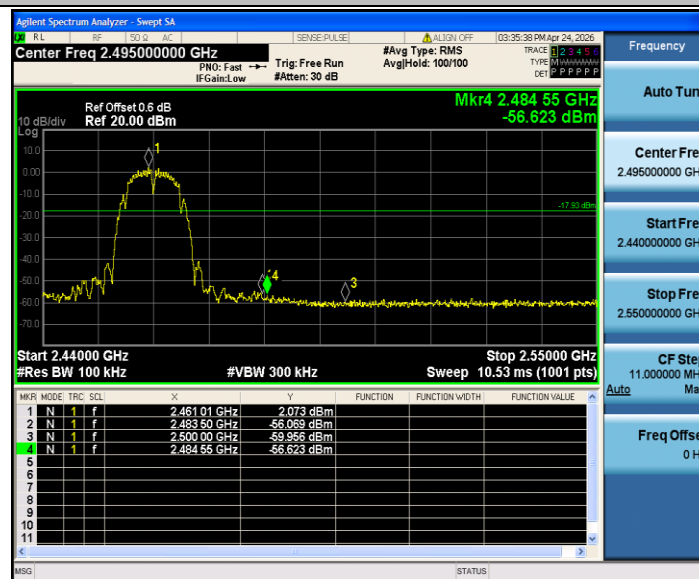
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	0.73	-51.48	≤-19.28	PASS
		High	2462	2.07	-56.62	≤-17.93	PASS
11G	Ant1	Low	2412	1.42	-34.36	≤-18.58	PASS
		High	2462	1.23	-46.02	≤-18.77	PASS
11N20SISO	Ant1	Low	2412	-3.54	-38.86	≤-23.54	PASS
		High	2462	-3.68	-50.04	≤-23.68	PASS
11N40SISO	Ant1	Low	2422	-7.39	-39.08	≤-27.39	PASS
		High	2452	-7.35	-43.83	≤-27.35	PASS

Test Graphs

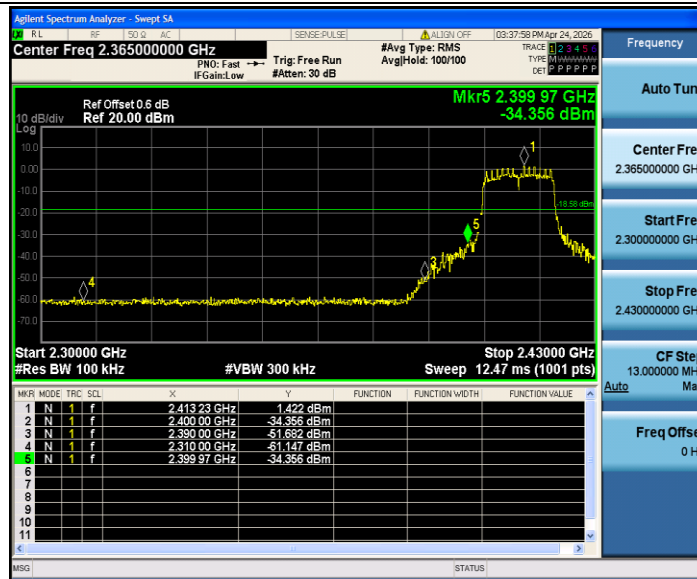
11B_Ant1_Low_2412



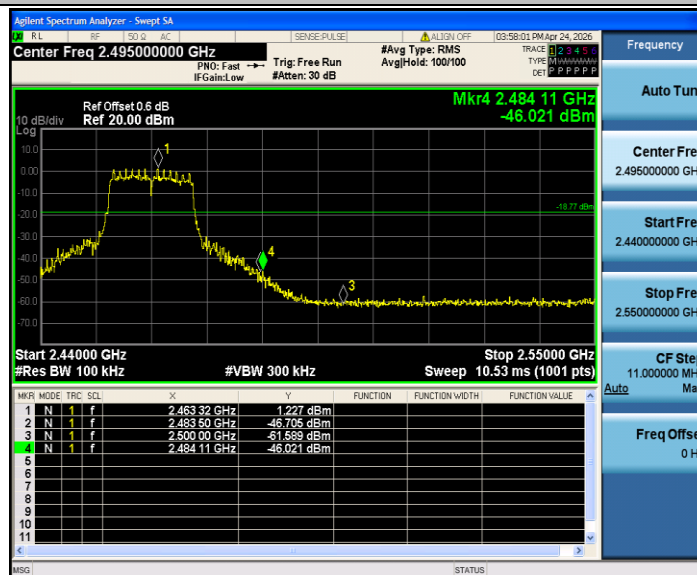
11B_Ant1_High_2462



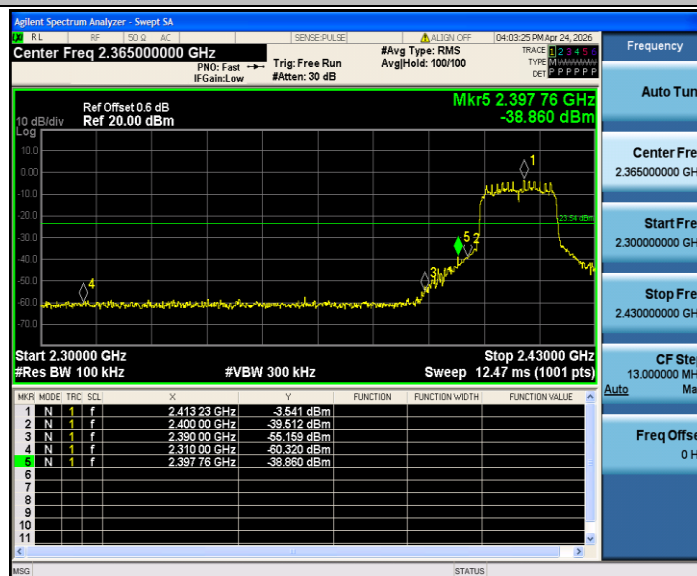
11G_Ant1_Low_2412



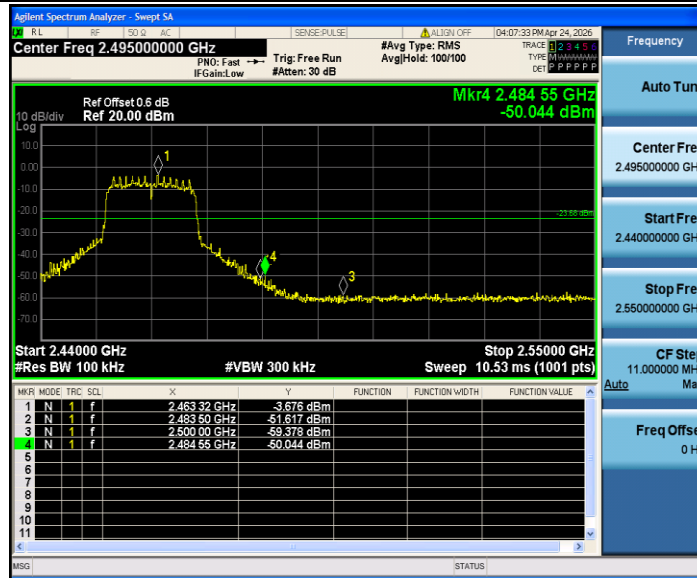
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



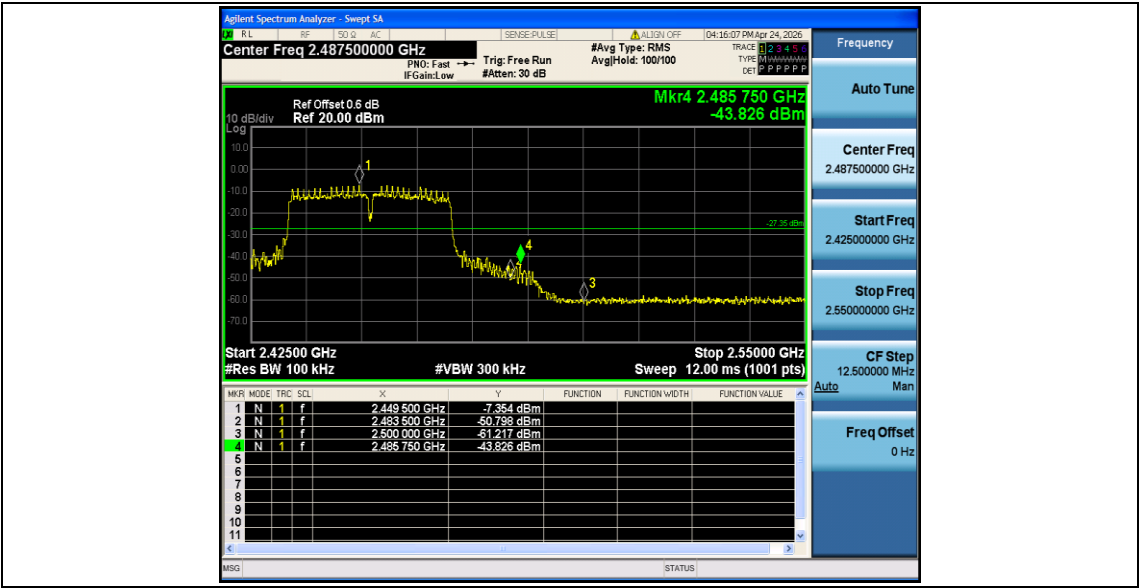
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix F: Conducted Spurious Emission

Test Result

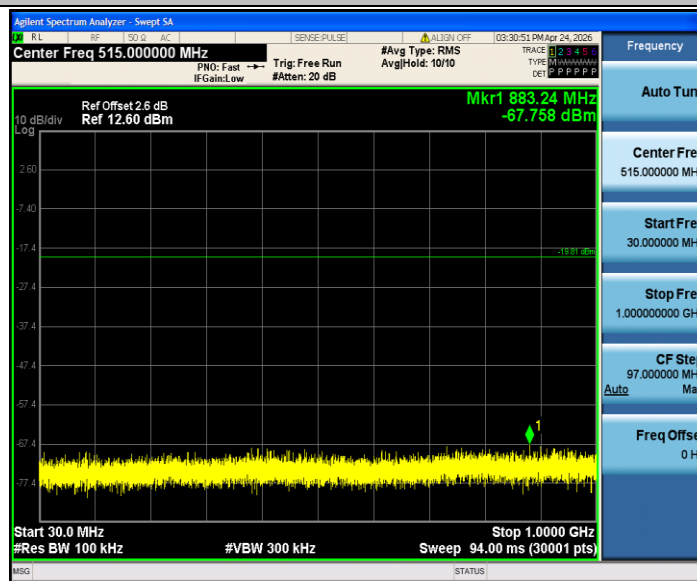
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	0.19	0.19	---	PASS
			30~1000	0.19	-67.76	≤-19.81	PASS
			1000~26500	0.19	-55.31	≤-19.81	PASS
		2437	Reference	-1.85	-1.85	---	PASS
			30~1000	-1.85	-66.76	≤-21.85	PASS
			1000~26500	-1.85	-55.78	≤-21.85	PASS
		2462	Reference	-0.16	-0.16	---	PASS
			30~1000	-0.16	-67.34	≤-20.16	PASS
			1000~26500	-0.16	-54.85	≤-20.16	PASS
11G	Ant1	2412	Reference	1.18	1.18	---	PASS
			30~1000	1.18	-66.76	≤-18.82	PASS
			1000~26500	1.18	-56.06	≤-18.82	PASS
		2437	Reference	-1.15	-1.15	---	PASS
			30~1000	-1.15	-67.71	≤-21.15	PASS
			1000~26500	-1.15	-54.48	≤-21.15	PASS
		2462	Reference	0.63	0.63	---	PASS
			30~1000	0.63	-68.2	≤-19.37	PASS
			1000~26500	0.63	-55.28	≤-19.37	PASS
11N20SISO	Ant1	2412	Reference	-4.80	-4.80	---	PASS
			30~1000	-4.80	-67.46	≤-24.8	PASS
			1000~26500	-4.80	-55.75	≤-24.8	PASS
		2437	Reference	-5.80	-5.80	---	PASS
			30~1000	-5.80	-67.17	≤-25.8	PASS
			1000~26500	-5.80	-55.65	≤-25.8	PASS
		2462	Reference	-4.26	-4.26	---	PASS
			30~1000	-4.26	-68.04	≤-24.26	PASS
			1000~26500	-4.26	-55.45	≤-24.26	PASS
11N40SISO	Ant1	2422	Reference	-7.66	-7.66	---	PASS
			30~1000	-7.66	-66.34	≤-27.66	PASS
			1000~26500	-7.66	-55.13	≤-27.66	PASS
		2437	Reference	-8.41	-8.41	---	PASS
			30~1000	-8.41	-68.14	≤-28.41	PASS
			1000~26500	-8.41	-55.15	≤-28.41	PASS
		2452	Reference	-7.23	-7.23	---	PASS
			30~1000	-7.23	-67.56	≤-27.23	PASS
			1000~26500	-7.23	-55.3	≤-27.23	PASS

Test Graphs

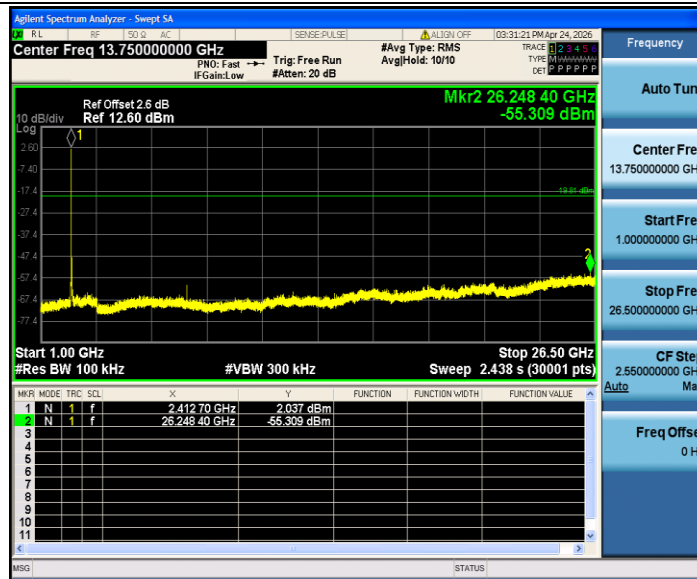
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



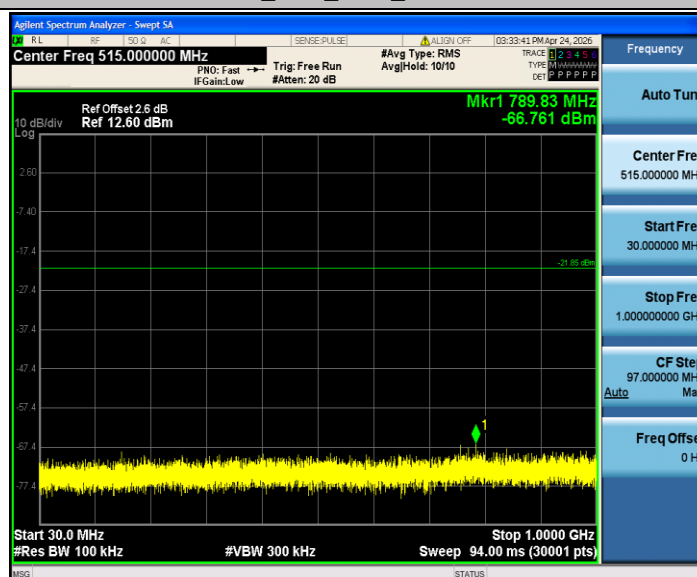
11B_Ant1_2412_1000~26500



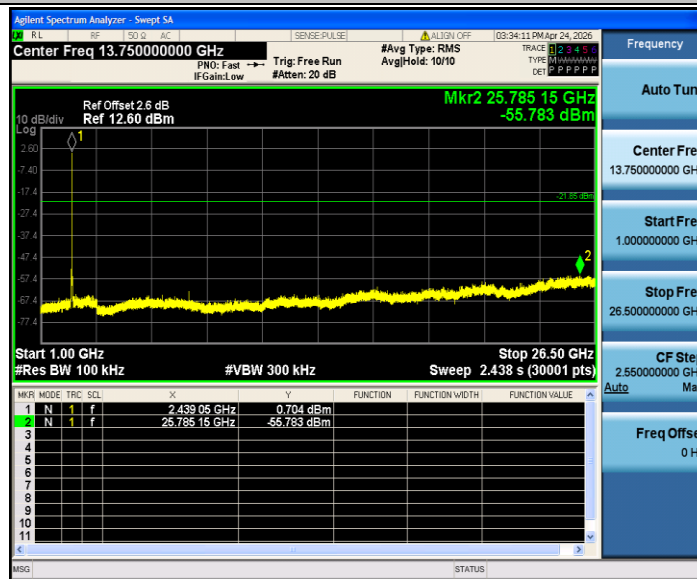
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



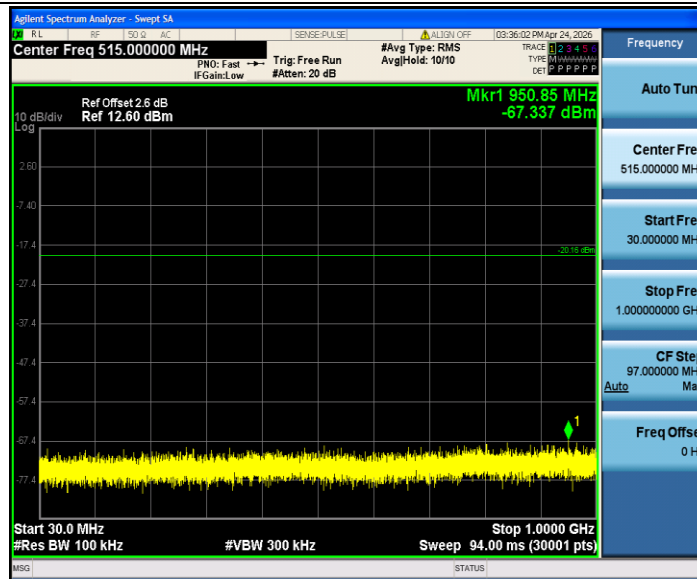
11B_Ant1_2437_1000~26500



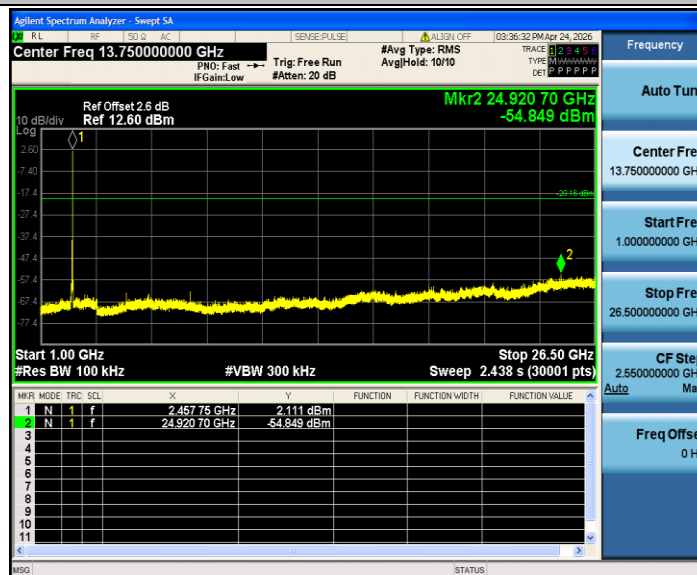
11B_Ant1_2462_0~Reference



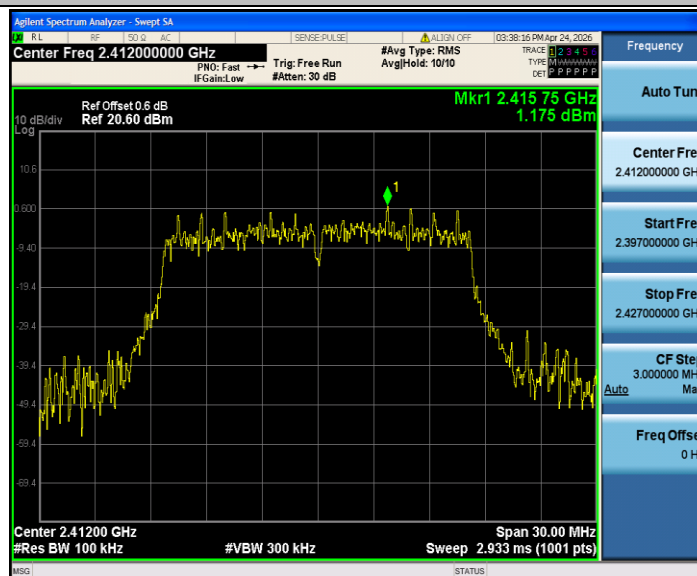
11B_Ant1_2462_30~1000



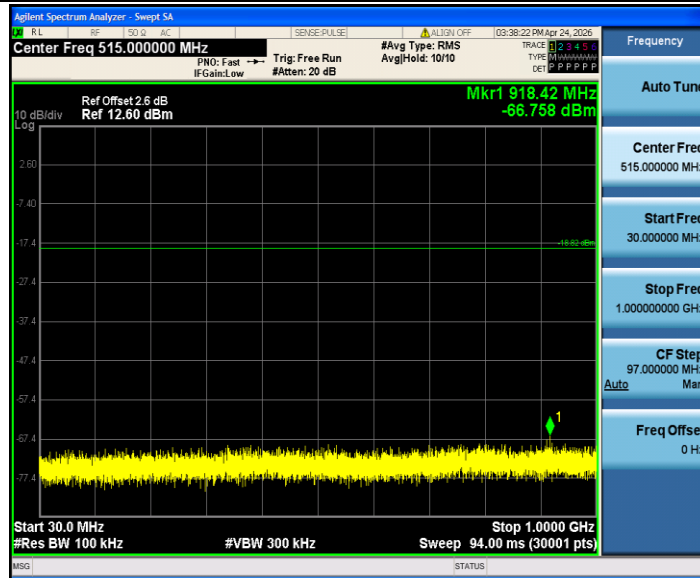
11B_Ant1_2462_1000~26500



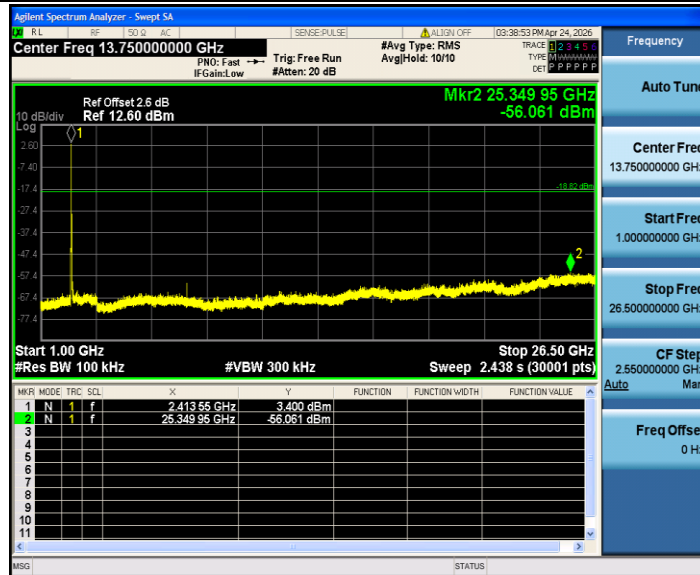
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



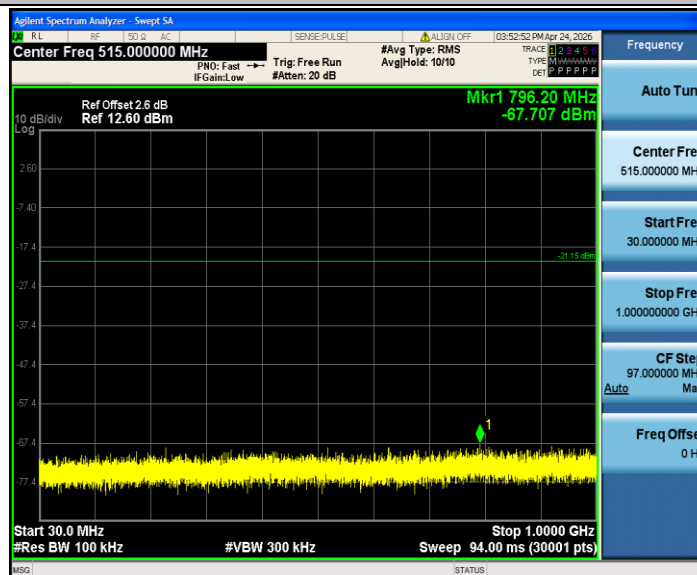
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500

