



11AX40SISO Ant1 2422



11AX40SISO Ant1 2437



11AX40SISO Ant1 2452





Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq(MHz)	Power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.30	≤30.00	PASS
		2437	14.07	≤30.00	PASS
		2462	13.62	≤30.00	PASS
11G	Ant1	2412	13.71	≤30.00	PASS
		2437	13.40	≤30.00	PASS
		2462	13.14	≤30.00	PASS
11N20SISO	Ant1	2412	15.08	≤30.00	PASS
		2437	14.34	≤30.00	PASS
		2462	12.95	≤30.00	PASS
11N40SISO	Ant1	2422	14.10	≤30.00	PASS
		2437	13.82	≤30.00	PASS
		2452	12.48	≤30.00	PASS
11AX20SISO	Ant1	2412	15.55	≤30.00	PASS
		2437	14.98	≤30.00	PASS
		2462	13.60	≤30.00	PASS
11AX40SISO	Ant1	2422	14.56	≤30.00	PASS
		2437	14.34	≤30.00	PASS
		2452	13.07	≤30.00	PASS



Appendix D: Maximum power spectral density

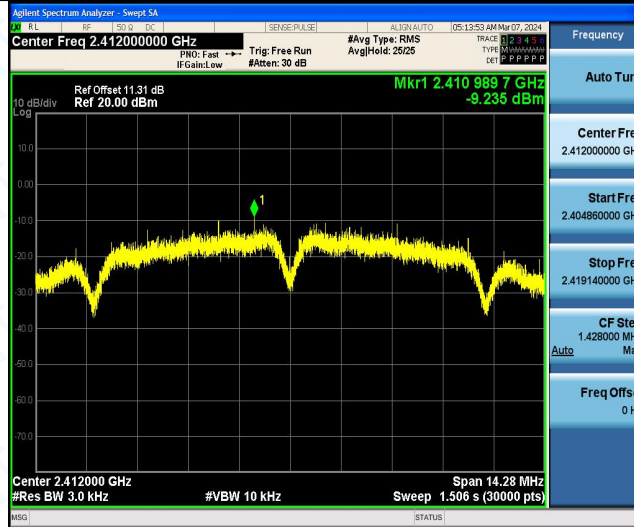
Test Result

Test Mode	Antenna	Freq(MHz)	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.24	≤8.00	PASS
		2437	-9.47	≤8.00	PASS
		2462	-10.39	≤8.00	PASS
11G	Ant1	2412	-19.01	≤8.00	PASS
		2437	-18.6	≤8.00	PASS
		2462	-18.53	≤8.00	PASS
11N20SISO	Ant1	2412	-16.73	≤8.00	PASS
		2437	-18.06	≤8.00	PASS
		2462	-18.7	≤8.00	PASS
11N40SISO	Ant1	2422	-19.23	≤8.00	PASS
		2437	-19.67	≤8.00	PASS
		2452	-21.59	≤8.00	PASS
11AX20SISO	Ant1	2412	-15.9	≤8.00	PASS
		2437	-18.43	≤8.00	PASS
		2462	-19.02	≤8.00	PASS
11AX40SISO	Ant1	2422	-20.56	≤8.00	PASS
		2437	-21.56	≤8.00	PASS
		2452	-20.91	≤8.00	PASS



Test Graphs

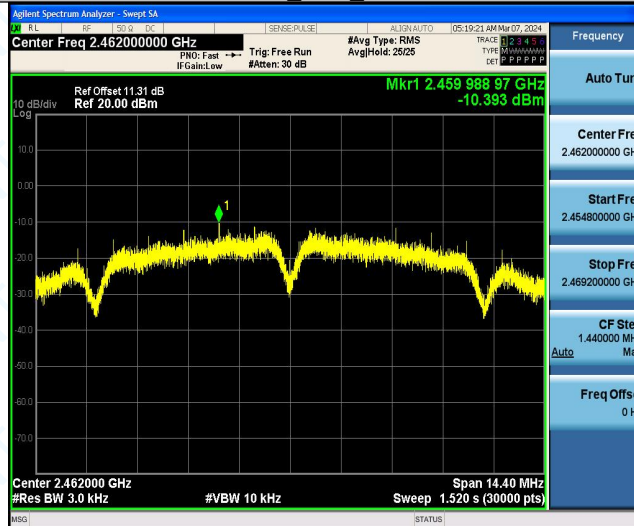
11B Ant1 2412



11B Ant1 2437

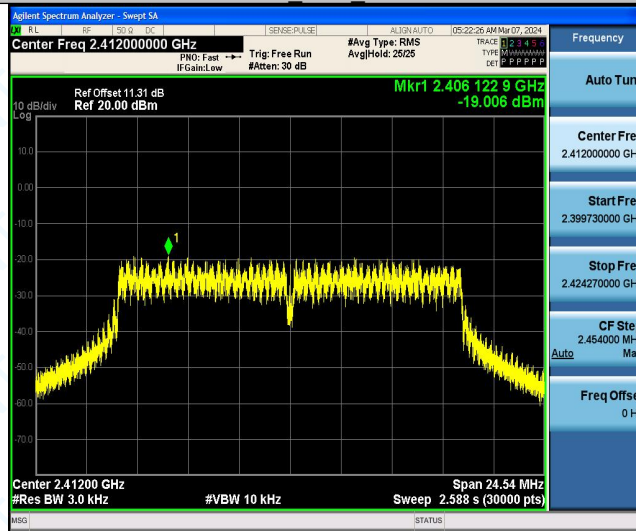


11B Ant1 2462

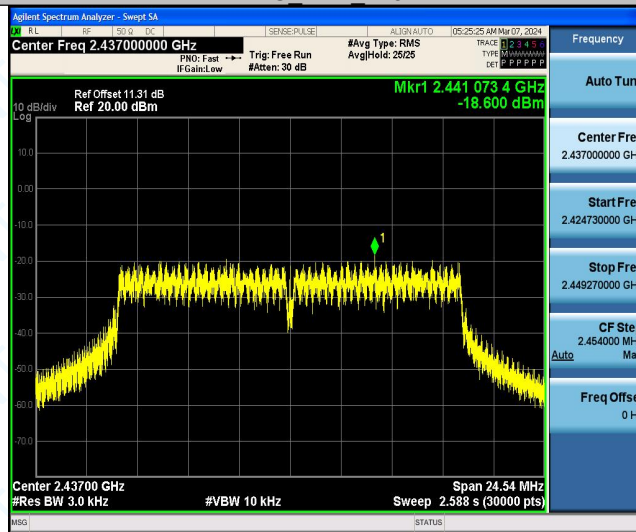




11G Ant1 2412



11G Ant1 2437

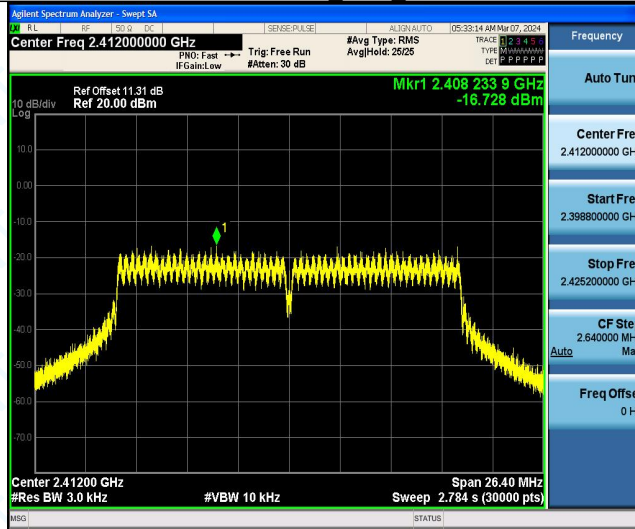


11G Ant1 2462

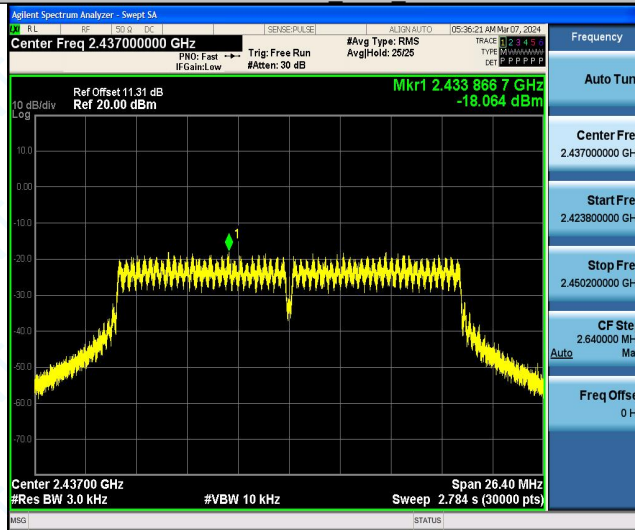




11N20SISO Ant1 2412



11N20SISO Ant1 2437

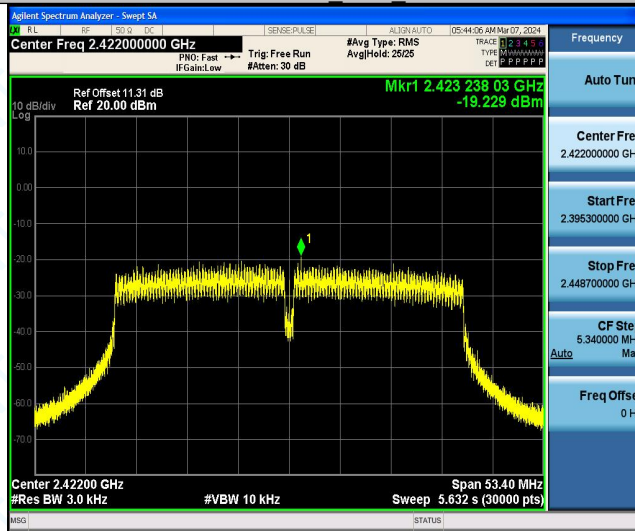


11N20SISO Ant1 2462

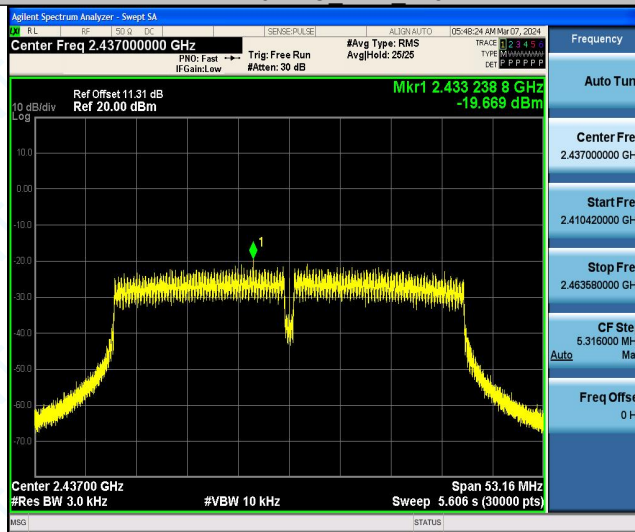




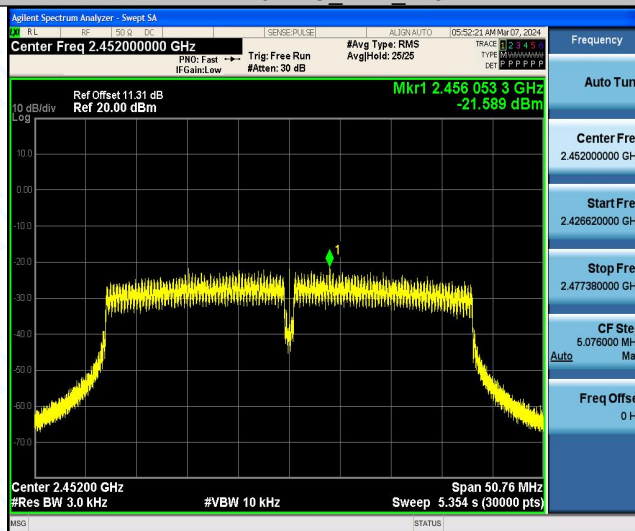
11N40SISO Ant1 2422



11N40SISO Ant1 2437

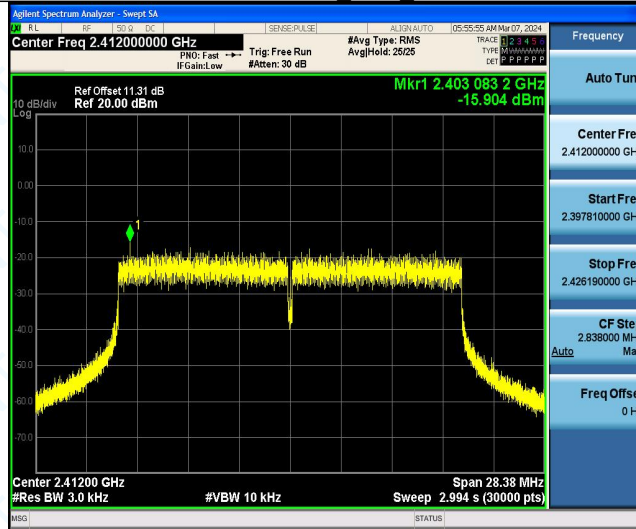


11N40SISO Ant1 2452

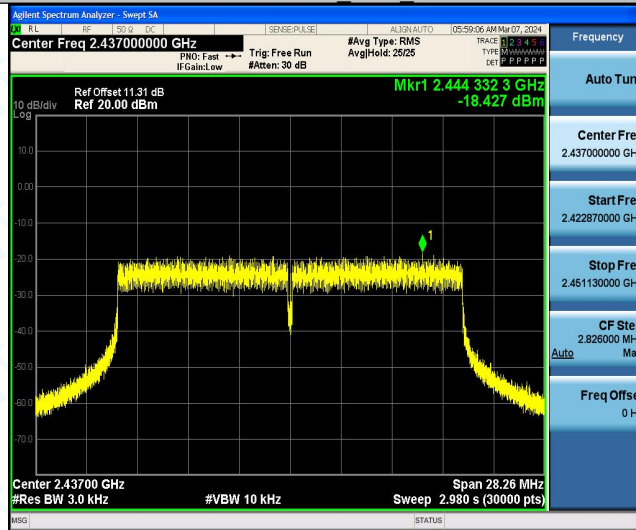




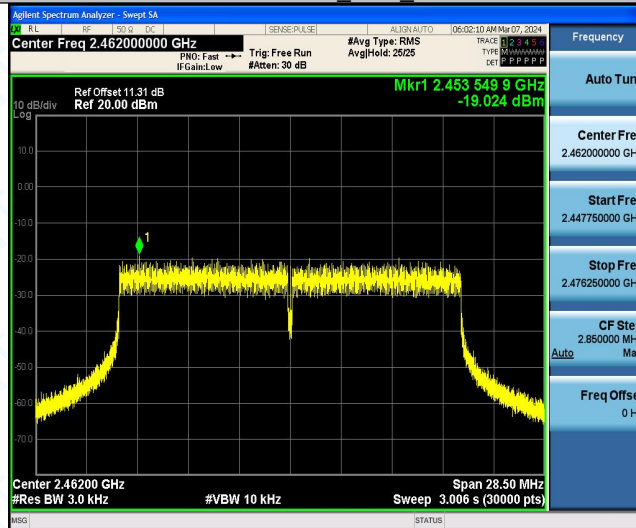
11AX20SISO Ant1 2412



11AX20SISO Ant1 2437

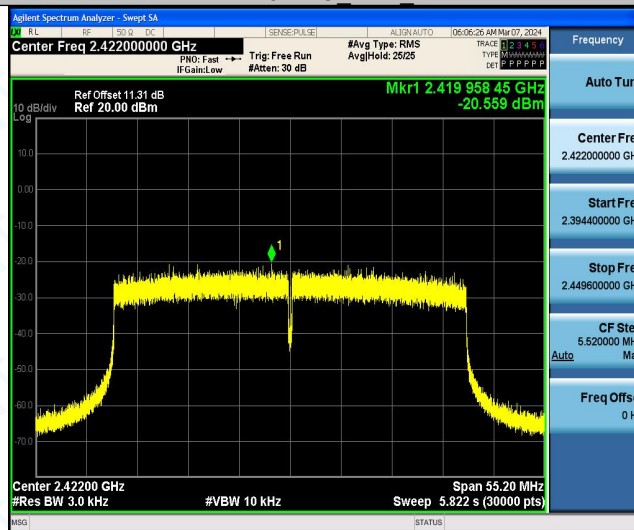


11AX20SISO Ant1 2462

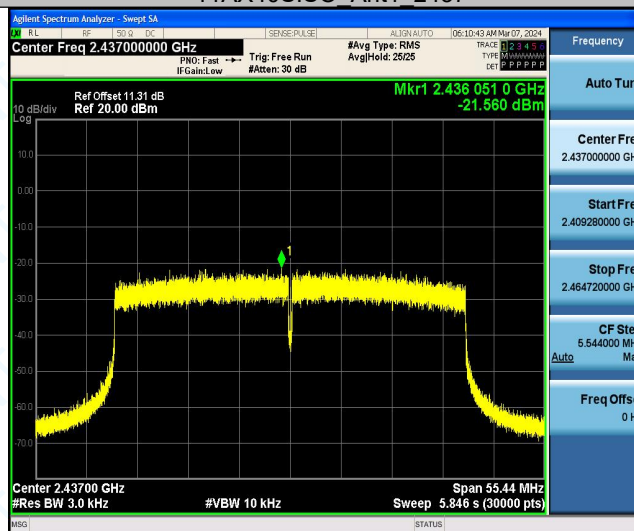




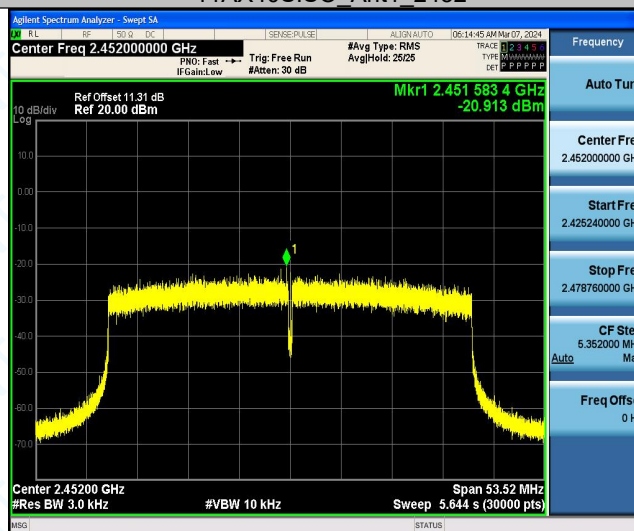
11AX40SISO Ant1 2422



11AX40SISO Ant1 2437



11AX40SISO Ant1 2452





Appendix E: Band edge measurements

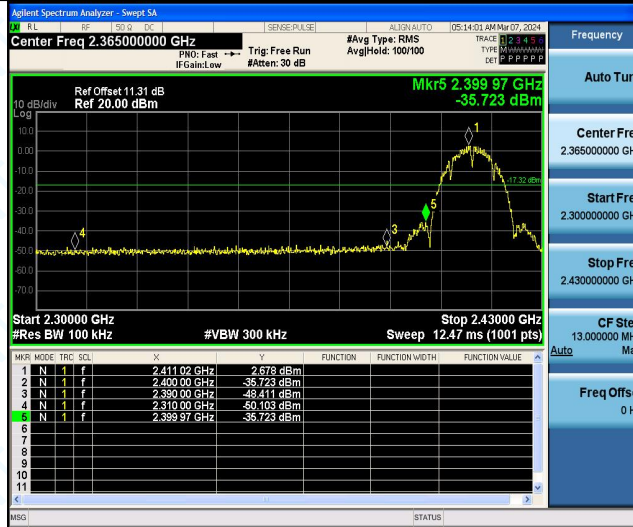
Test Result

Test Mode	Antenna	ChName	Freq (MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.68	-35.72	≤ -17.32	PASS
		High	2462	2.02	-47.03	≤ -17.98	PASS
11G	Ant1	Low	2412	-4.54	-36.37	≤ -24.54	PASS
		High	2462	-5.02	-47.63	≤ -25.02	PASS
11N20SISO	Ant1	Low	2412	-4.33	-33.36	≤ -24.33	PASS
		High	2462	-6.03	-47.33	≤ -26.03	PASS
11N40SISO	Ant1	Low	2422	-6.88	-39.76	≤ -26.88	PASS
		High	2452	-8.77	-47.55	≤ -28.77	PASS
11AX20SISO	Ant1	Low	2412	-4.15	-33.74	≤ -24.15	PASS
		High	2462	-6.27	-47.66	≤ -26.27	PASS
11AX40SISO	Ant1	Low	2422	-7.17	-39.68	≤ -27.17	PASS
		High	2452	-8.59	-47.95	≤ -28.59	PASS

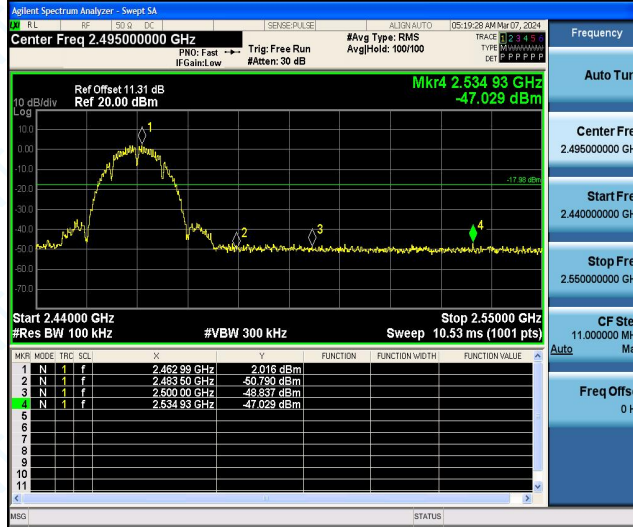


Test Graphs

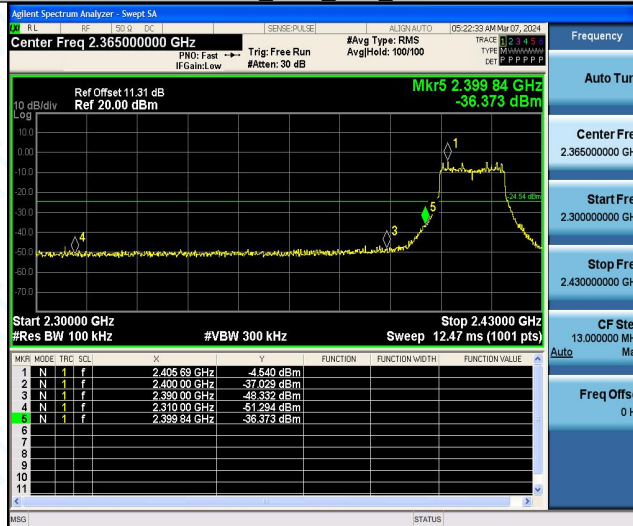
11B Ant1 Low 2412



11B Ant1 High 2462

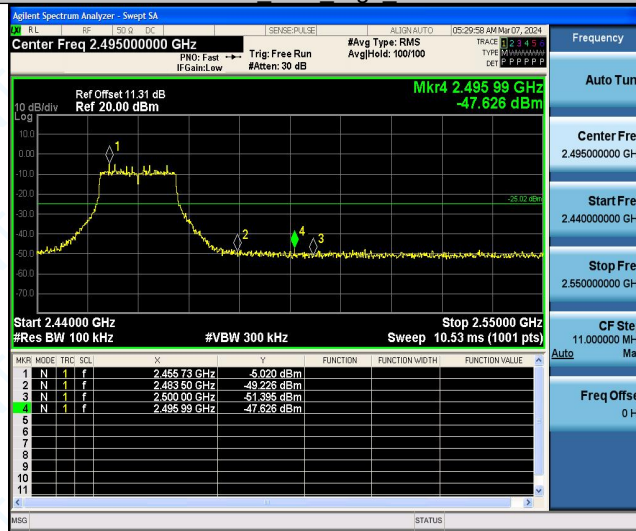


11G Ant1 Low 2412

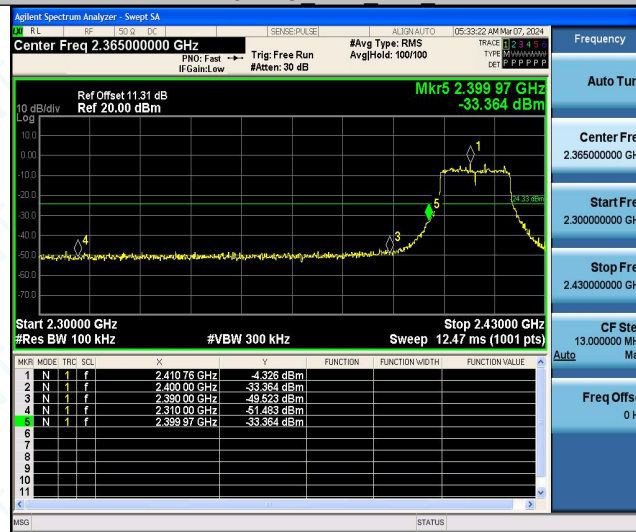




11G Ant1 High 2462



11N20SISO Ant1 Low 2412

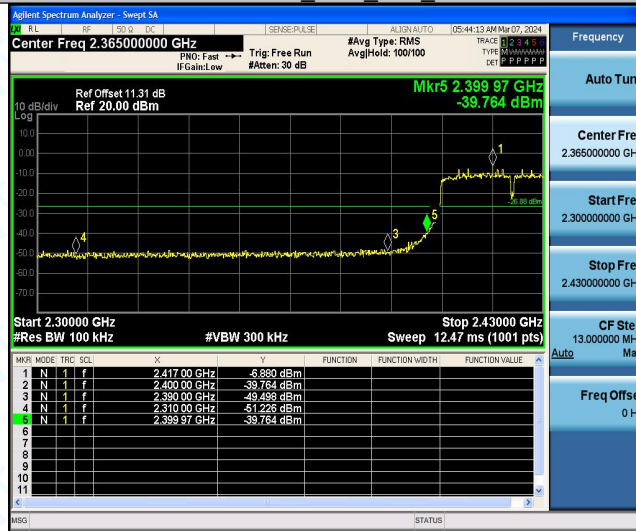


11N20SISO Ant1 High 2462

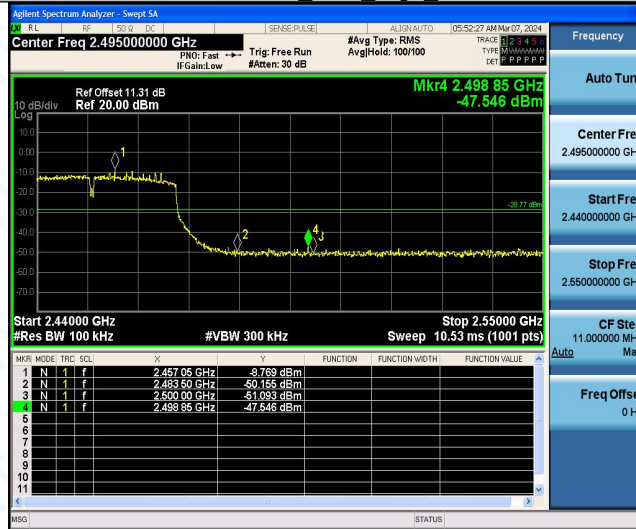




11N40SISO Ant1 Low 2422



11N40SISO Ant1 High 2452

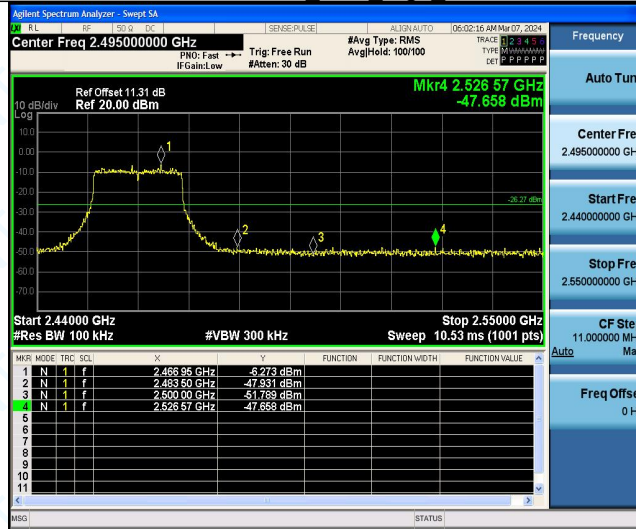


11AX20SISO Ant1 Low 2412





11AX20SISO Ant1 High 2462



11AX40SISO Ant1 Low 2422



11AX40SISO Ant1 High 2452



**Appendix F: Conducted Spurious Emission****Test Result**

Test Mode	Antenna	Freq(MHz)	FreqRange[Mhz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	Reference	2.98	2.98	---	PASS
			30~1000	2.98	-60.15	≤-17.02	PASS
			1000~26500	2.98	-49.1	≤-17.02	PASS
		2437	Reference	2.24	2.24	---	PASS
			30~1000	2.24	-59.86	≤-17.76	PASS
			1000~26500	2.24	-50.27	≤-17.76	PASS
		2462	Reference	1.77	1.77	---	PASS
			30~1000	1.77	-60.15	≤-18.23	PASS
			1000~26500	1.77	-49.55	≤-18.23	PASS
11G	Ant1	2412	Reference	-4.52	-4.52	---	PASS
			30~1000	-4.52	-58.36	≤-24.52	PASS
			1000~26500	-4.52	-50.17	≤-24.52	PASS
		2437	Reference	-4.94	-4.94	---	PASS
			30~1000	-4.94	-59.55	≤-24.94	PASS
			1000~26500	-4.94	-50.25	≤-24.94	PASS
		2462	Reference	-5.28	-5.28	---	PASS
			30~1000	-5.28	-60.16	≤-25.28	PASS
			1000~26500	-5.28	-49.95	≤-25.28	PASS
11N20SISO	Ant1	2412	Reference	-3.96	-3.96	---	PASS
			30~1000	-3.96	-59.87	≤-23.96	PASS
			1000~26500	-3.96	-50.5	≤-23.96	PASS
		2437	Reference	-4.23	-4.23	---	PASS
			30~1000	-4.23	-60.21	≤-24.23	PASS
			1000~26500	-4.23	-49.72	≤-24.23	PASS
		2462	Reference	-5.35	-5.35	---	PASS
			30~1000	-5.35	-59.35	≤-25.35	PASS
			1000~26500	-5.35	-49.54	≤-25.35	PASS
11N40SISO	Ant1	2422	Reference	-7.24	-7.24	---	PASS
			30~1000	-7.24	-59.19	≤-27.24	PASS
			1000~26500	-7.24	-50.25	≤-27.24	PASS
		2437	Reference	-7.49	-7.49	---	PASS
			30~1000	-7.49	-58.77	≤-27.49	PASS
			1000~26500	-7.49	-50.18	≤-27.49	PASS
		2452	Reference	-8.70	-8.70	---	PASS
			30~1000	-8.70	-58.94	≤-28.7	PASS
			1000~26500	-8.70	-49.96	≤-28.7	PASS
11AX20SISO	Ant1	2412	Reference	-3.61	-3.61	---	PASS
			30~1000	-3.61	-60.28	≤-23.61	PASS
			1000~26500	-3.61	-49.88	≤-23.61	PASS
		2437	Reference	-4.28	-4.28	---	PASS
			30~1000	-4.28	-60.73	≤-24.28	PASS
			1000~26500	-4.28	-50.02	≤-24.28	PASS
		2462	Reference	-6.11	-6.11	---	PASS
			30~1000	-6.11	-59.06	≤-26.11	PASS
			1000~26500	-6.11	-50.45	≤-26.11	PASS
11AX40SISO	Ant1	2422	Reference	-7.11	-7.11	---	PASS
			30~1000	-7.11	-56.94	≤-27.11	PASS
			1000~26500	-7.11	-49.61	≤-27.11	PASS
		2437	Reference	-7.31	-7.31	---	PASS
			30~1000	-7.31	-59.42	≤-27.31	PASS
			1000~26500	-7.31	-50.48	≤-27.31	PASS
		2452	Reference	-8.39	-8.39	---	PASS
			30~1000	-8.39	-56.9	≤-28.39	PASS
			1000~26500	-8.39	-49.87	≤-28.39	PASS

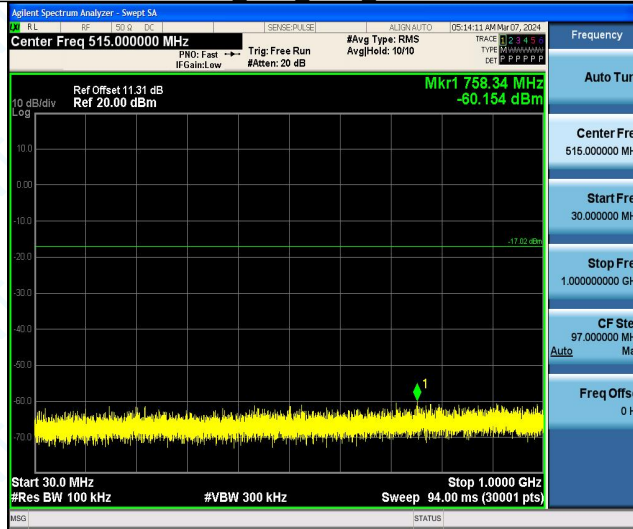


Test Graphs

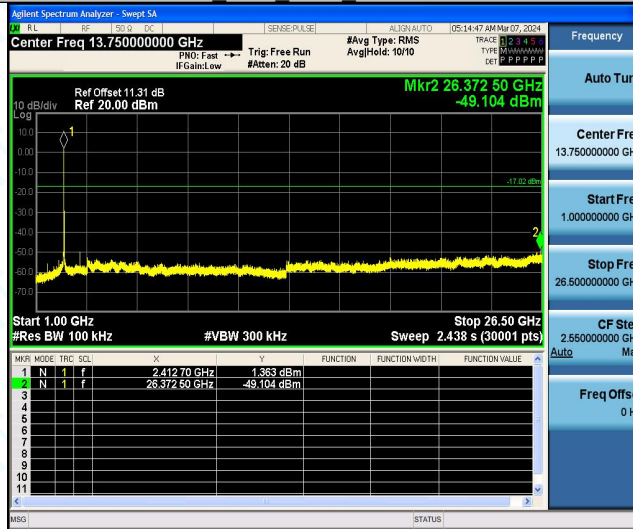
11B Ant1_2412_0~Reference



11B Ant1_2412_30~1000



11B Ant1_2412_1000~26500

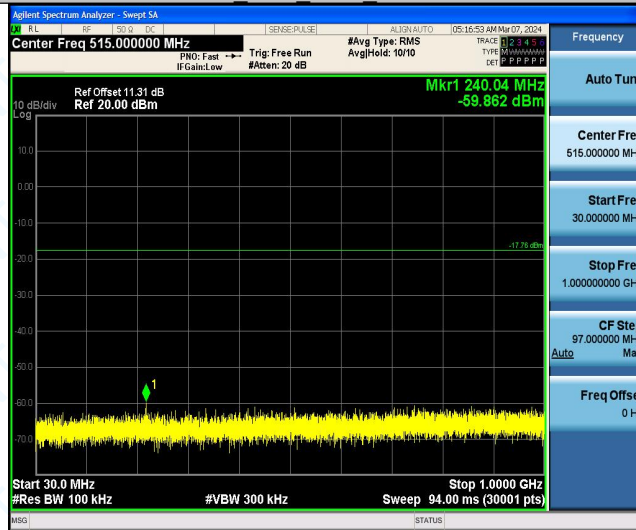




11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500

