

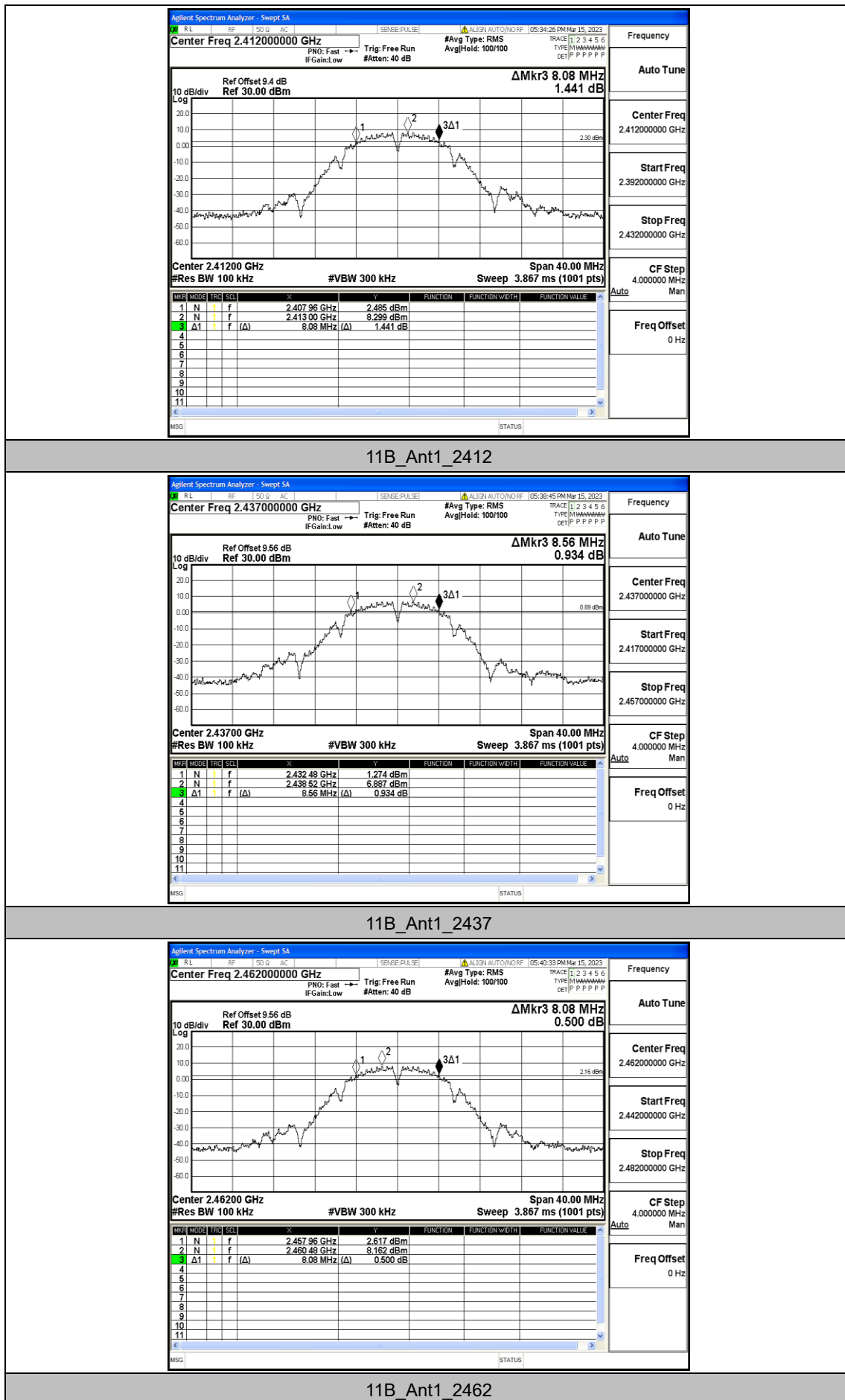
Appendix Test Data for WLAN(2.4G) (Conducted Measurement)**Product Name: Smart phone****Trade Mark: KRIP****Test Model: K60****FCC ID: 2APX7K60****Environmental Conditions**

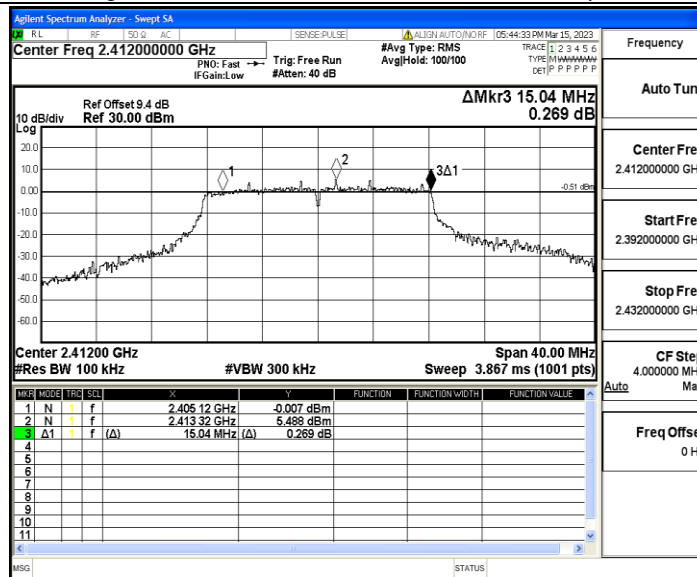
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: DTS Bandwidth**Test Result**

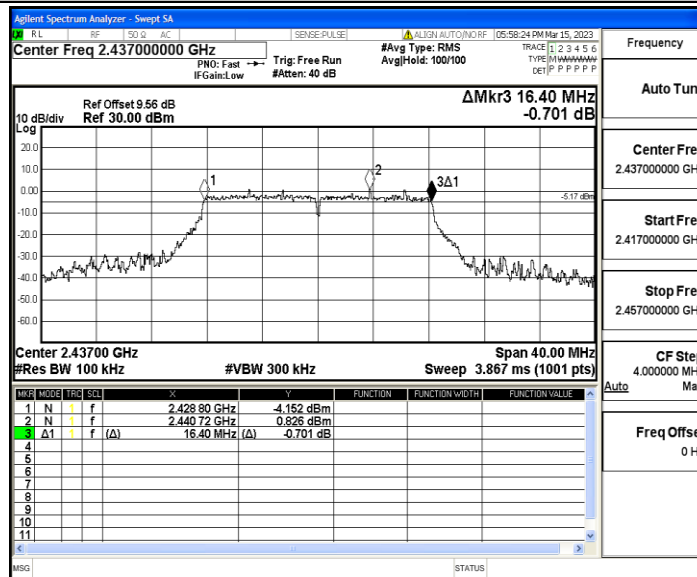
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.080	2407.960	2416.040	0.5	PASS
		2437	8.560	2432.480	2441.040	0.5	PASS
		2462	8.080	2457.960	2466.040	0.5	PASS
11G	Ant1	2412	15.040	2405.120	2420.160	0.5	PASS
		2437	16.400	2428.800	2445.200	0.5	PASS
		2462	15.400	2454.120	2469.520	0.5	PASS
11N20SISO	Ant1	2412	15.960	2404.520	2420.480	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	15.960	2453.560	2469.520	0.5	PASS

Test Graphs

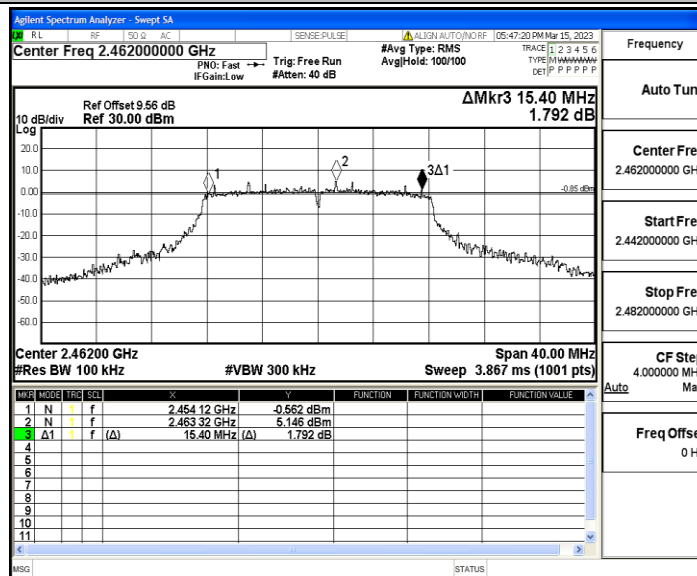




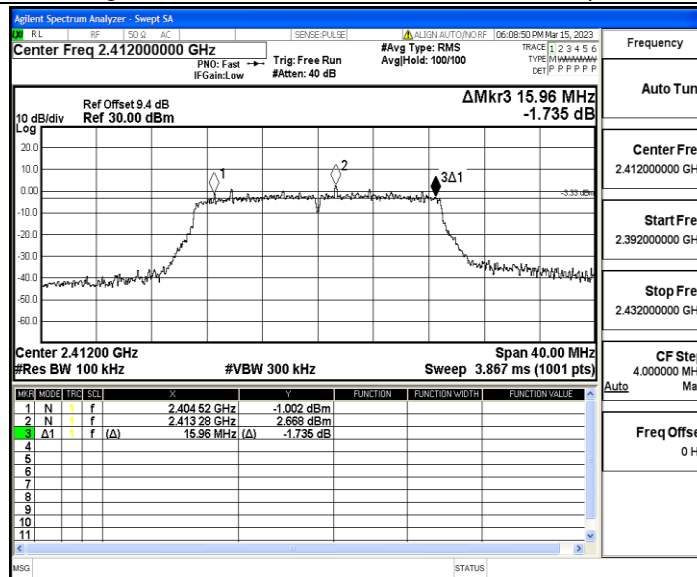
11G_Ant1_2412



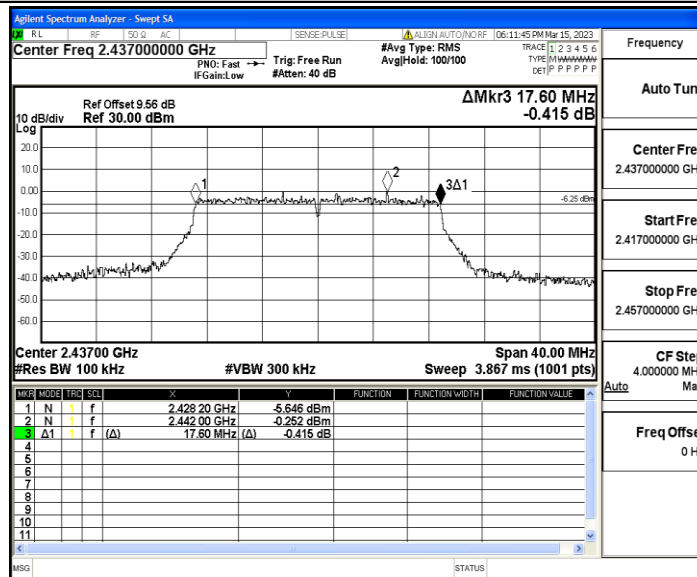
11G_Ant1_2437



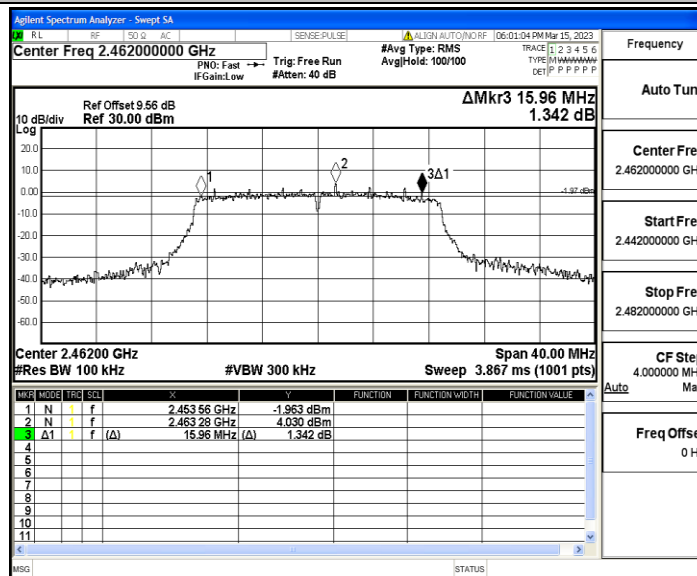
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



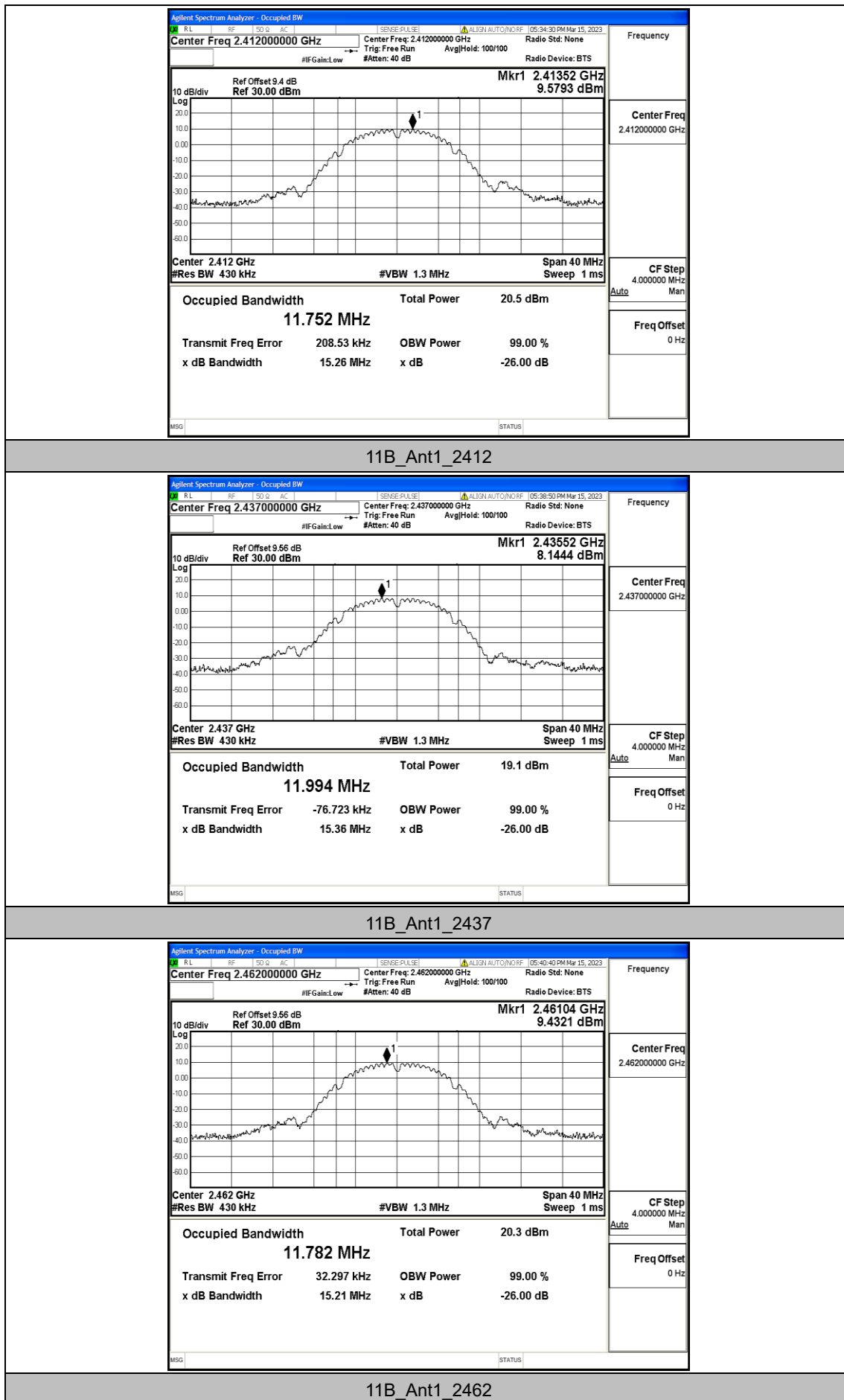
11N20SISO_Ant1_2462

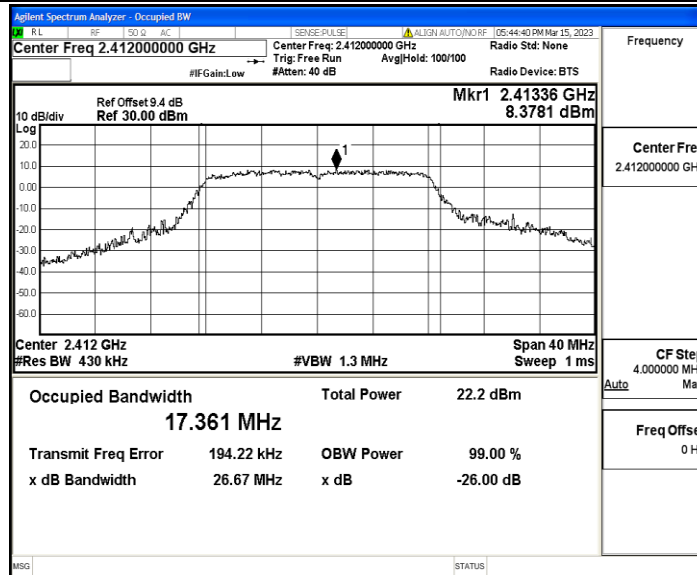
Appendix B: Occupied Channel Bandwidth

Test Result

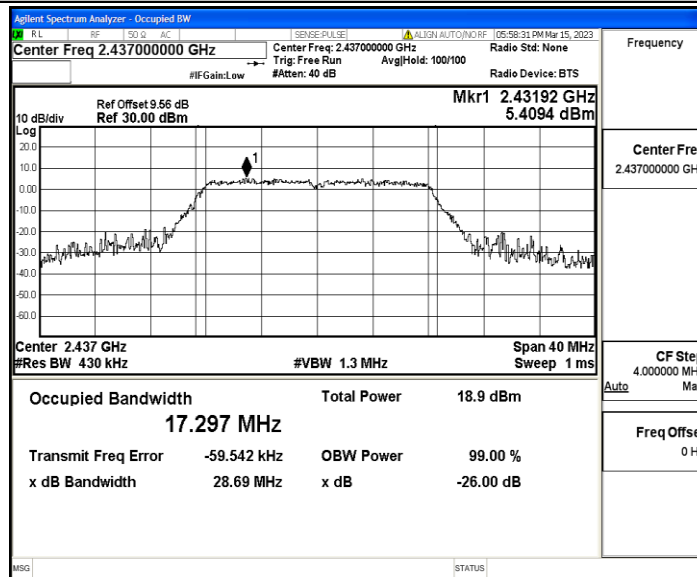
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.752	2406.3325	2418.0845	---	---
		2437	11.994	2430.9263	2442.9203	---	---
		2462	11.782	2456.1413	2467.9233	---	---
11G	Ant1	2412	17.361	2403.5137	2420.8747	---	---
		2437	17.297	2428.2920	2445.5890	---	---
		2462	17.031	2453.4336	2470.4646	---	---
11N20SISO	Ant1	2412	17.941	2403.1828	2421.1238	---	---
		2437	18.118	2427.9302	2446.0482	---	---
		2462	17.823	2453.0777	2470.9007	---	---

Test Graphs

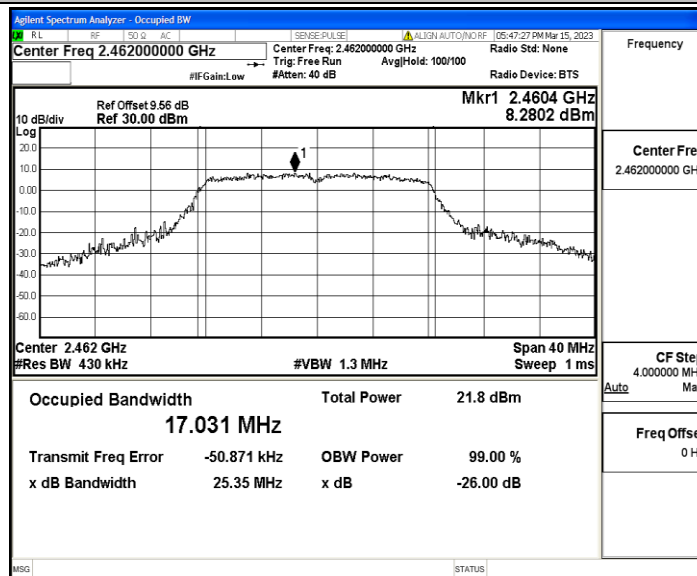




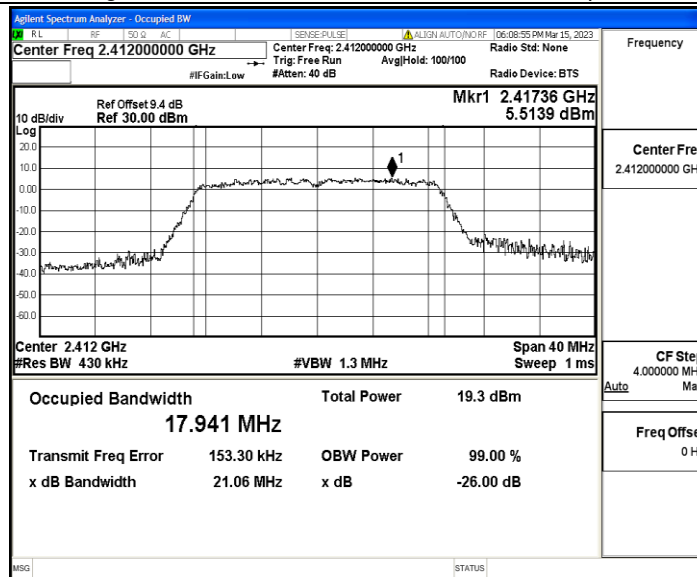
11G_Ant1_2412



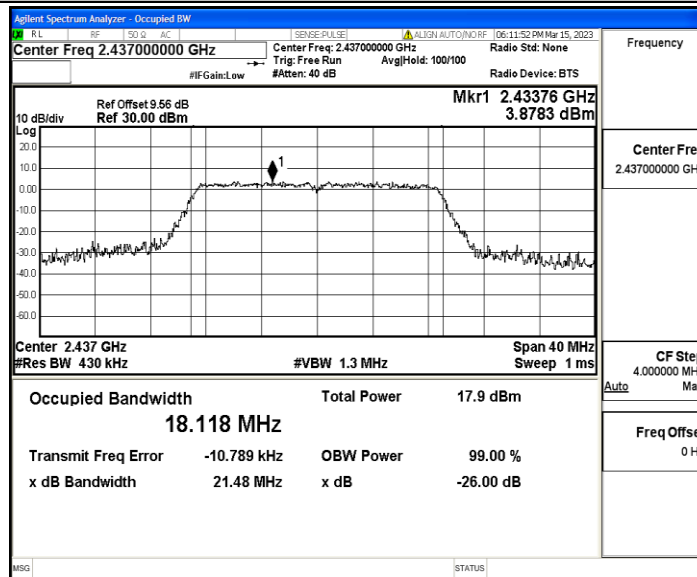
11G_Ant1_2437



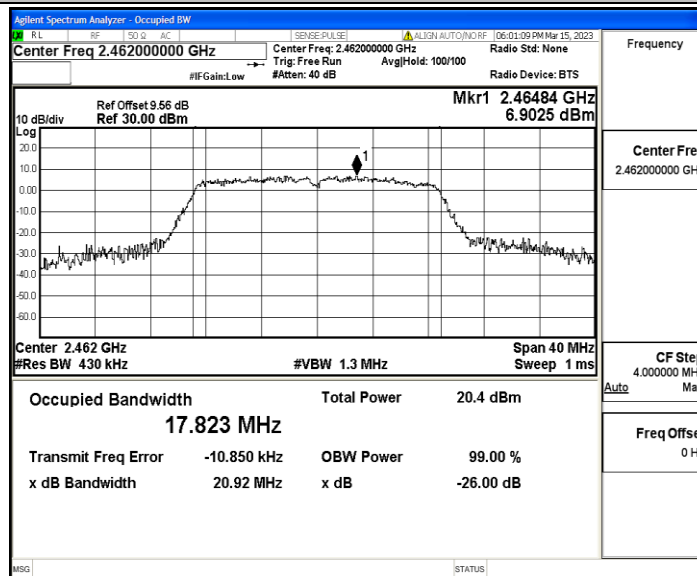
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	17.58	≤30.00	PASS
		2437	16.25	≤30.00	PASS
		2462	17.38	≤30.00	PASS
11G	Ant1	2412	14.44	≤30.00	PASS
		2437	13.03	≤30.00	PASS
		2462	13.88	≤30.00	PASS
11N20SISO	Ant1	2412	13.13	≤30.00	PASS
		2437	11.73	≤30.00	PASS
		2462	12.67	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the test result.

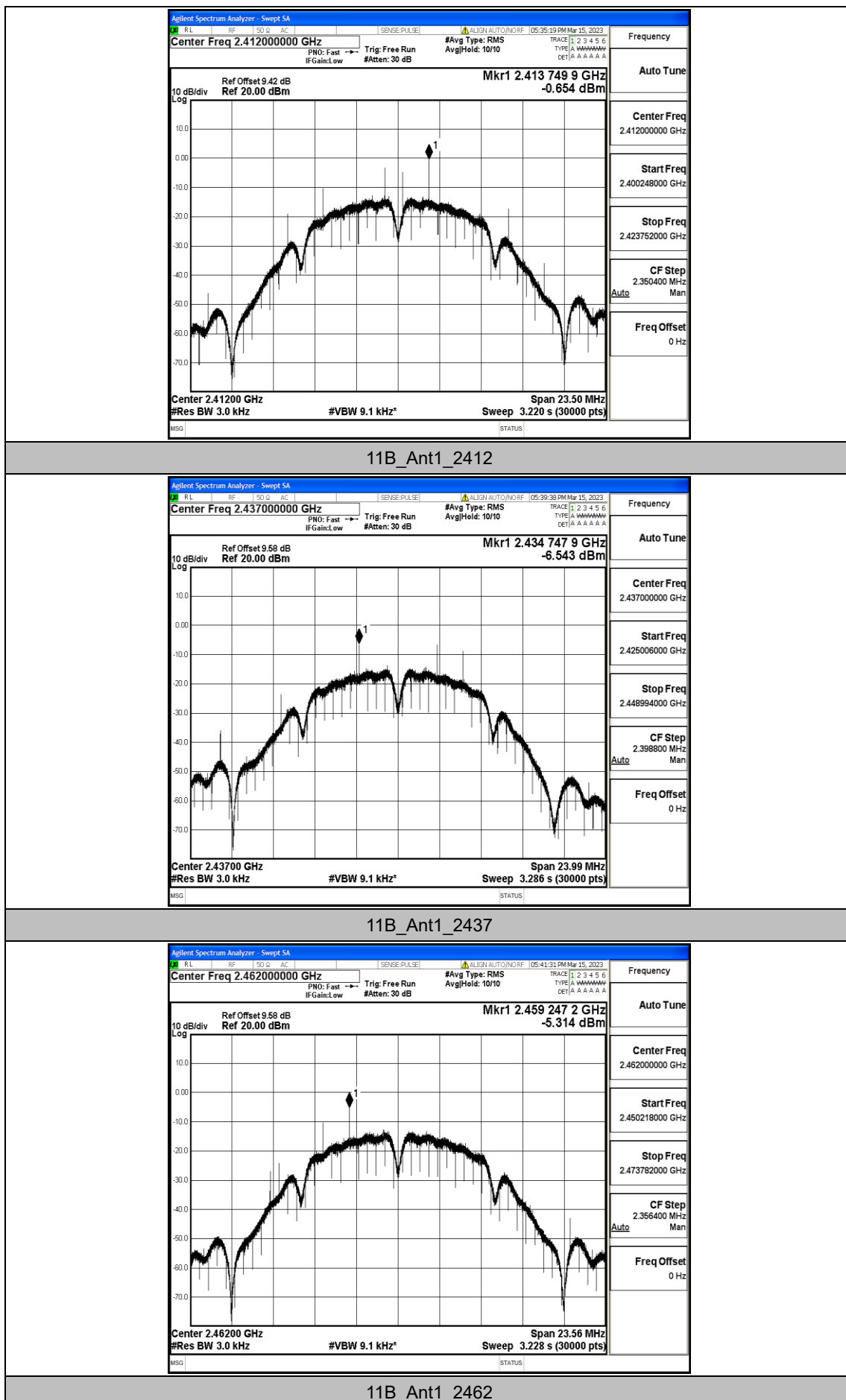
Appendix D: Maximum power spectral density

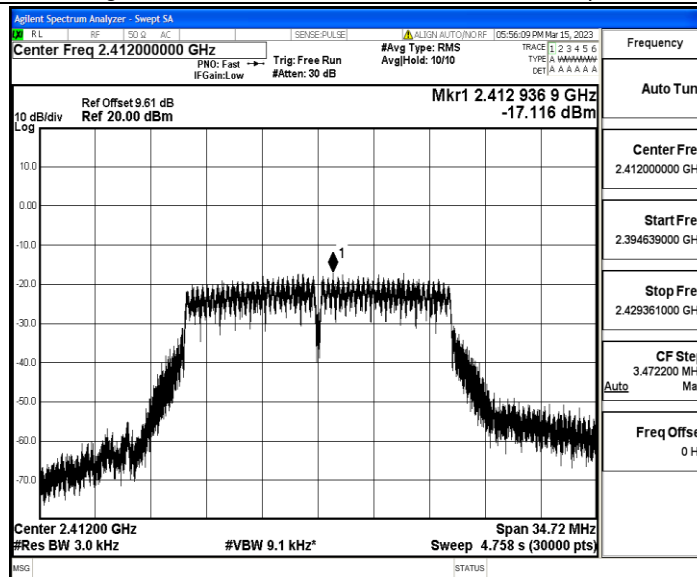
Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-0.65	≤8.00	PASS
		2437	-6.54	≤8.00	PASS
		2462	-5.31	≤8.00	PASS
11G	Ant1	2412	-17.12	≤8.00	PASS
		2437	-18.8	≤8.00	PASS
		2462	-17.1	≤8.00	PASS
11N20SISO	Ant1	2412	-18.74	≤8.00	PASS
		2437	-20.41	≤8.00	PASS
		2462	-18.94	≤8.00	PASS

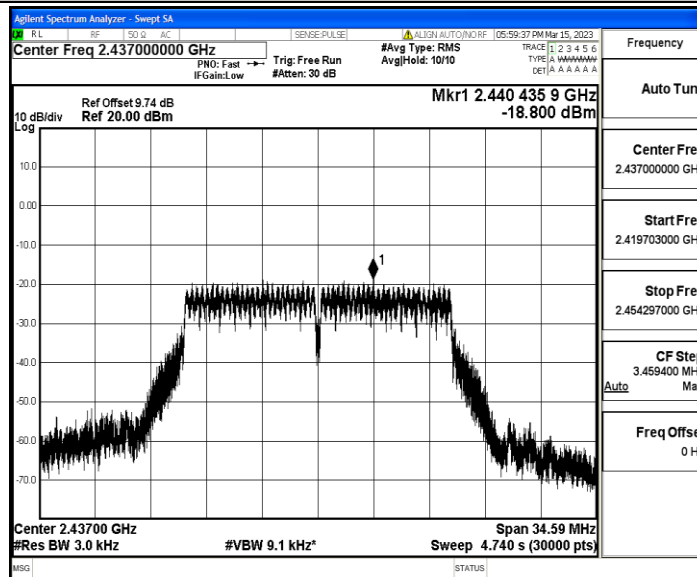
Note: The Duty Cycle Factor is compensated in the test result.

Test Graphs

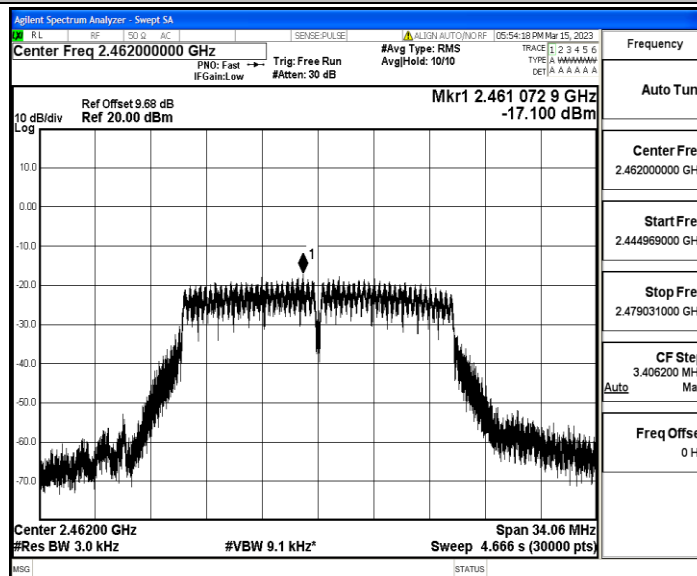




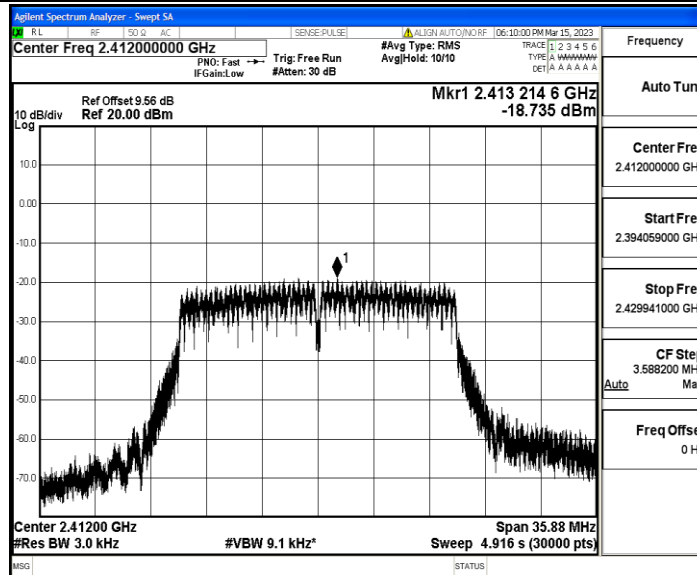
11G_Ant1_2412



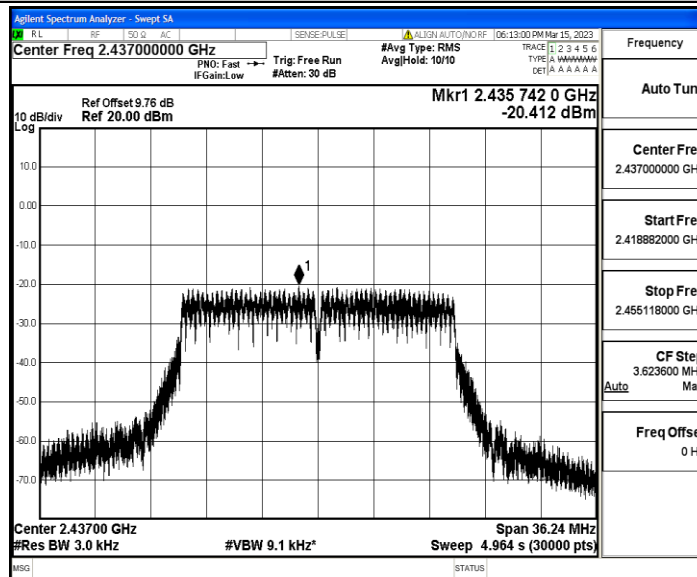
11G_Ant1_2437



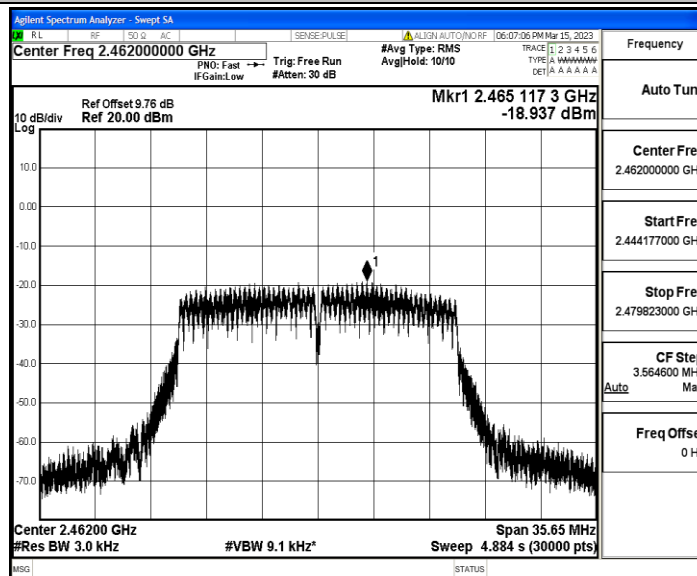
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



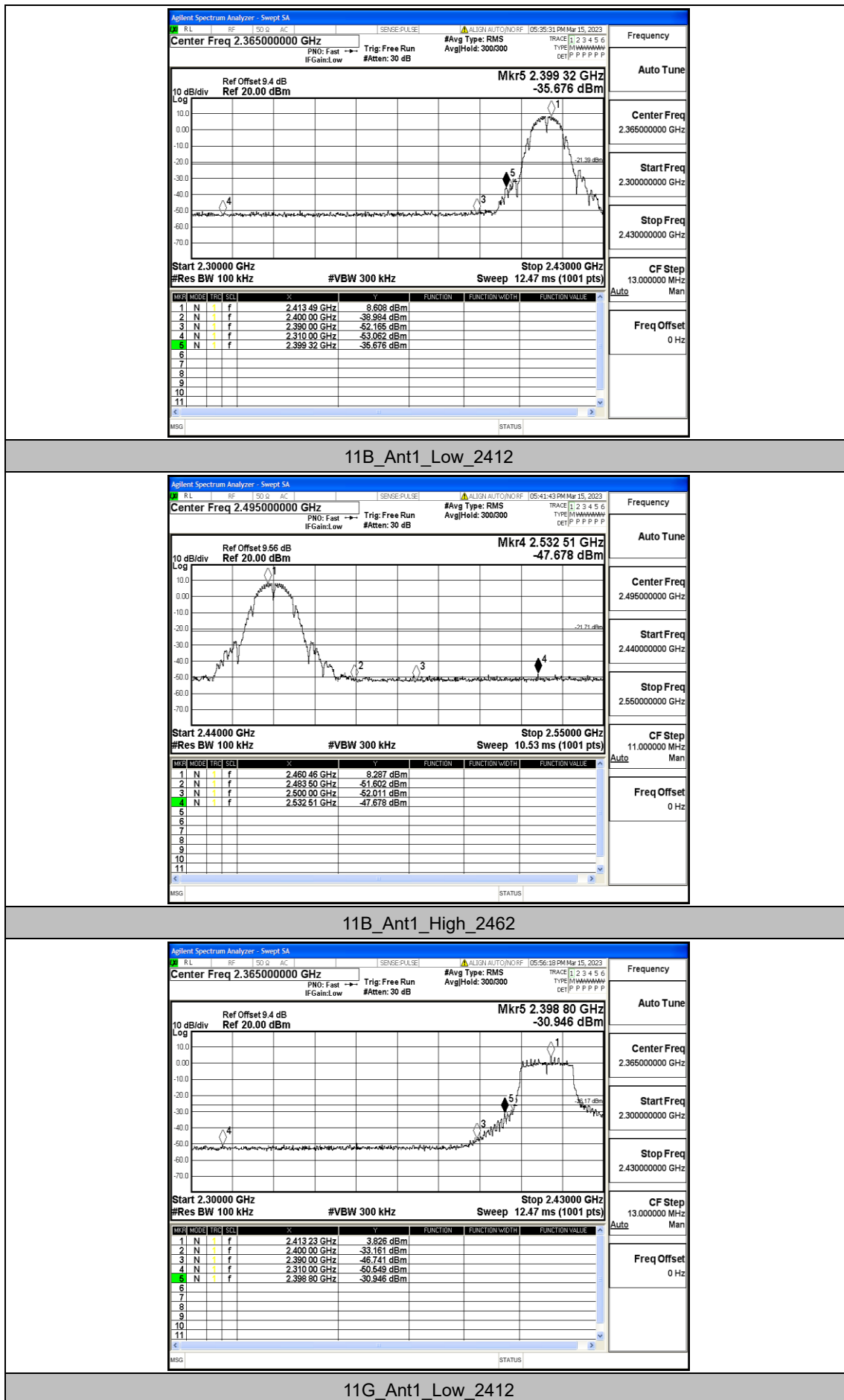
11N20SISO_Ant1_2462

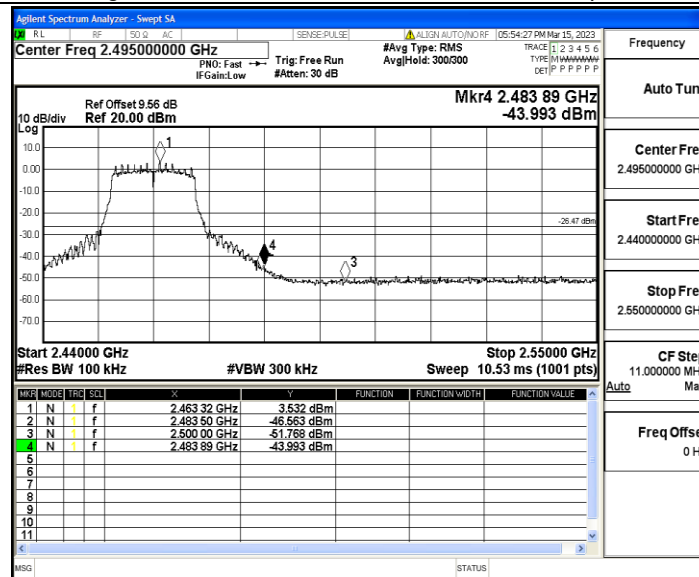
Appendix E: Band edge measurements

Test Result

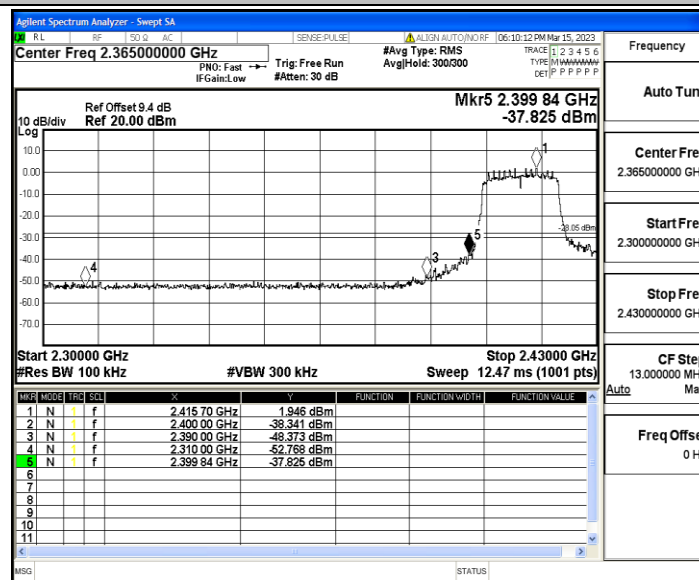
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.61	-35.68	≤ -21.39	PASS
		High	2462	8.29	-47.68	≤ -21.71	PASS
11G	Ant1	Low	2412	3.83	-30.95	≤ -26.17	PASS
		High	2462	3.53	-43.99	≤ -26.47	PASS
11N20SISO	Ant1	Low	2412	1.95	-37.83	≤ -28.05	PASS
		High	2462	1.71	-44.96	≤ -28.29	PASS

Test Graphs

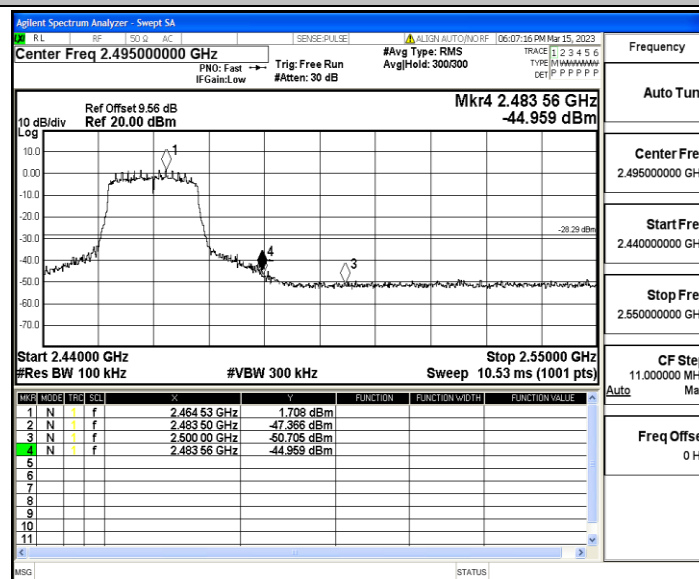




11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



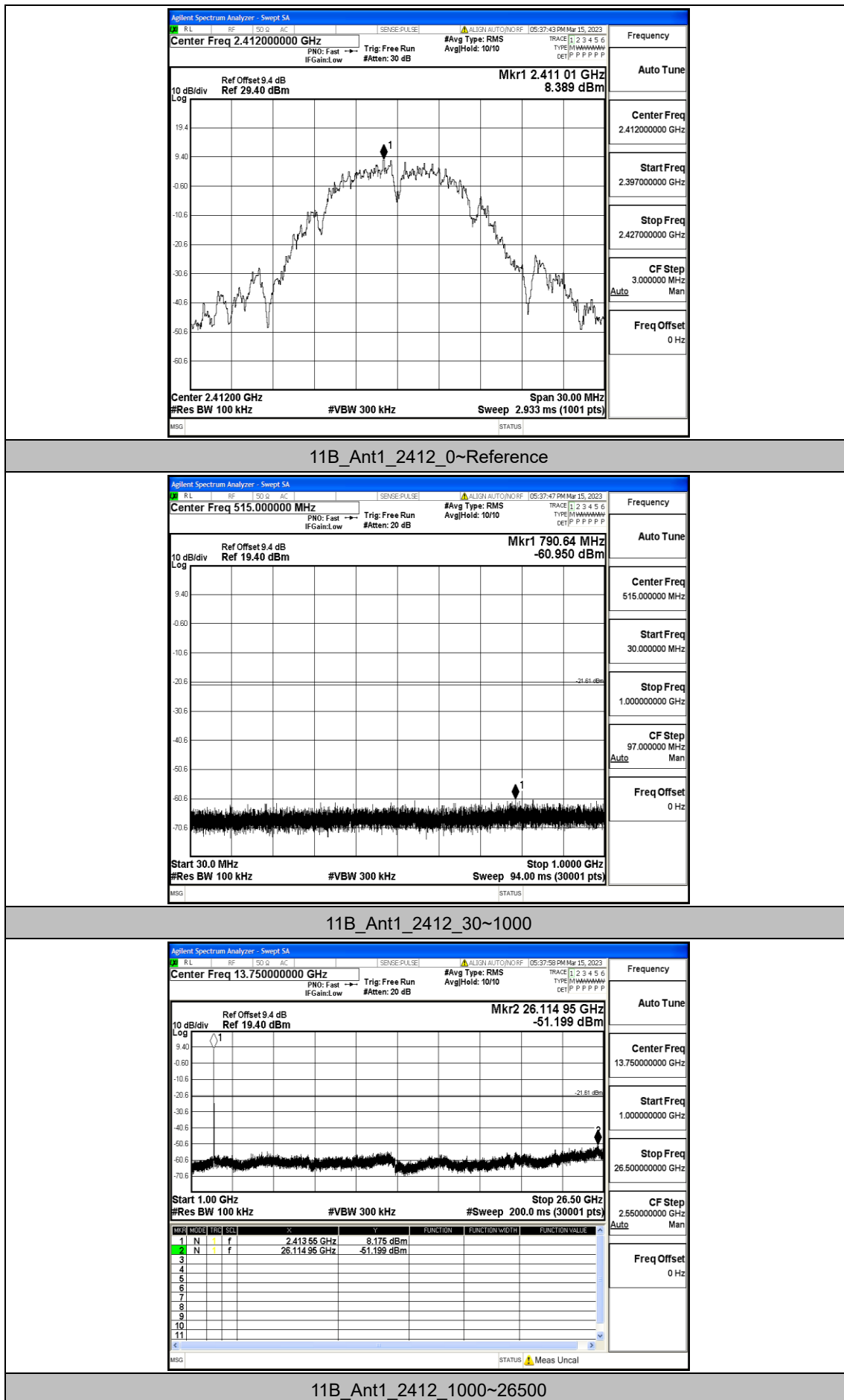
11N20SISO_Ant1_High_2462

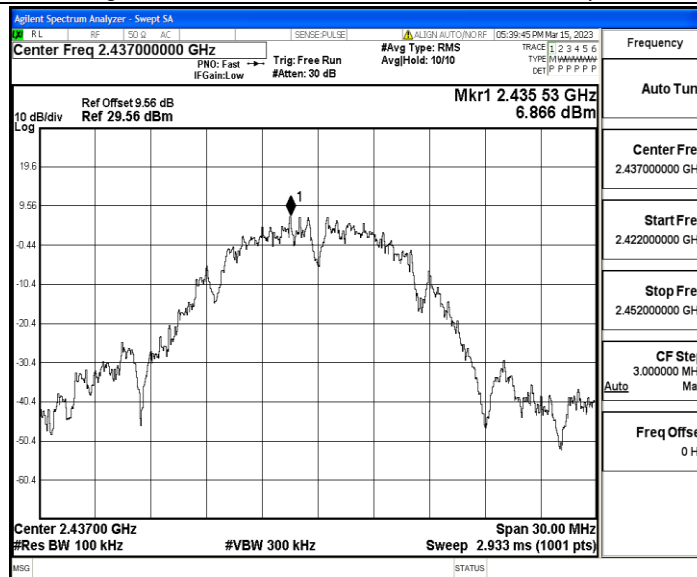
Appendix F: Conducted Spurious Emission

Test Result

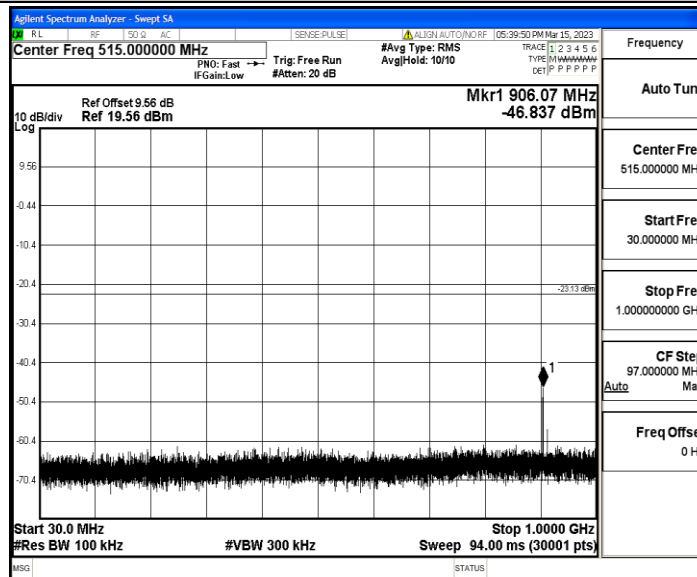
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.39	8.39	---	PASS
			30~1000	8.39	-60.95	≤-21.61	PASS
			1000~26500	8.39	-51.2	≤-21.61	PASS
		2437	Reference	6.87	6.87	---	PASS
			30~1000	6.87	-46.84	≤-23.13	PASS
			1000~26500	6.87	-51.65	≤-23.13	PASS
		2462	Reference	7.93	7.93	---	PASS
			30~1000	7.93	-61.48	≤-22.07	PASS
			1000~26500	7.93	-50.89	≤-22.07	PASS
11G	Ant1	2412	Reference	0.17	0.17	---	PASS
			30~1000	0.17	-60.77	≤-29.83	PASS
			1000~26500	0.17	-50.83	≤-29.83	PASS
		2437	Reference	-0.84	-0.84	---	PASS
			30~1000	-0.84	-61.23	≤-30.84	PASS
			1000~26500	-0.84	-50.39	≤-30.84	PASS
		2462	Reference	0.14	0.14	---	PASS
			30~1000	0.14	-60.1	≤-29.86	PASS
			1000~26500	0.14	-50.72	≤-29.86	PASS
11N20SISO	Ant1	2412	Reference	1.56	1.56	---	PASS
			30~1000	1.56	-60.17	≤-28.44	PASS
			1000~26500	1.56	-50.49	≤-28.44	PASS
		2437	Reference	0.11	0.11	---	PASS
			30~1000	0.11	-60.78	≤-29.89	PASS
			1000~26500	0.11	-50.46	≤-29.89	PASS
		2462	Reference	0.67	0.67	---	PASS
			30~1000	0.67	-60.9	≤-29.33	PASS
			1000~26500	0.67	-50.49	≤-29.33	PASS

Test Graphs

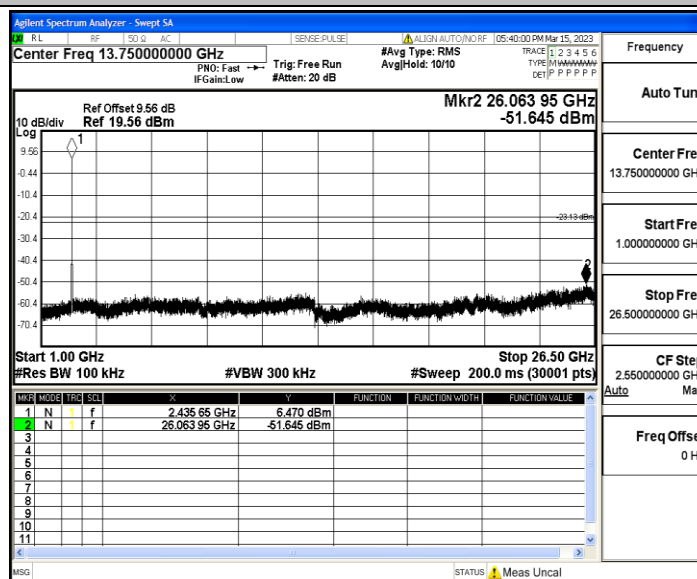




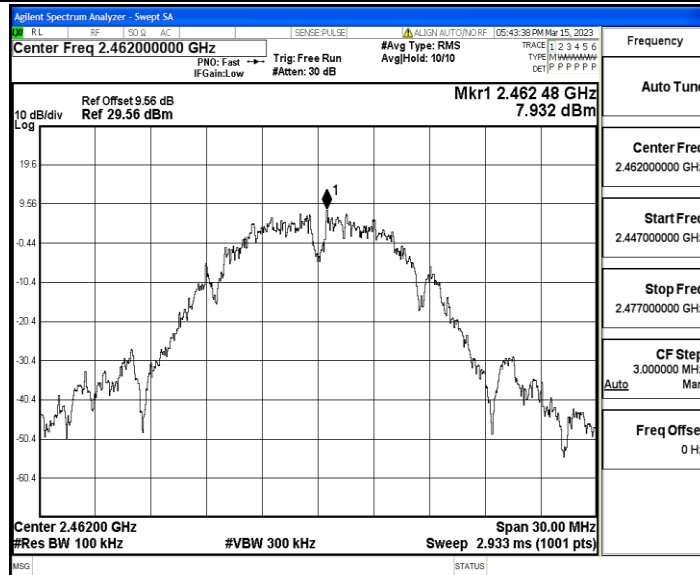
11B_Ant1_2437_0~Reference



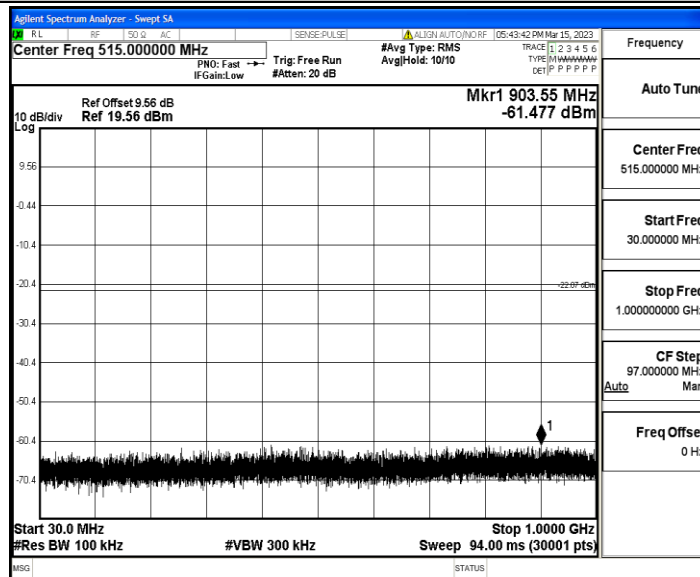
11B_Ant1_2437_30~1000



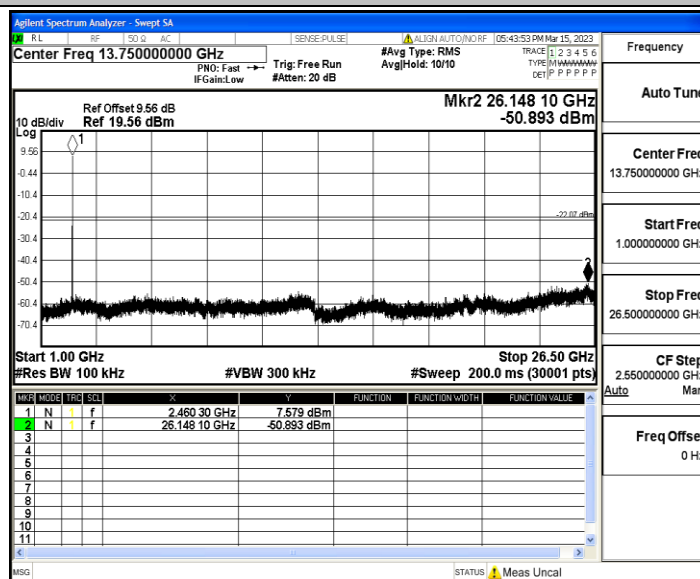
11B_Ant1_2437_1000~26500



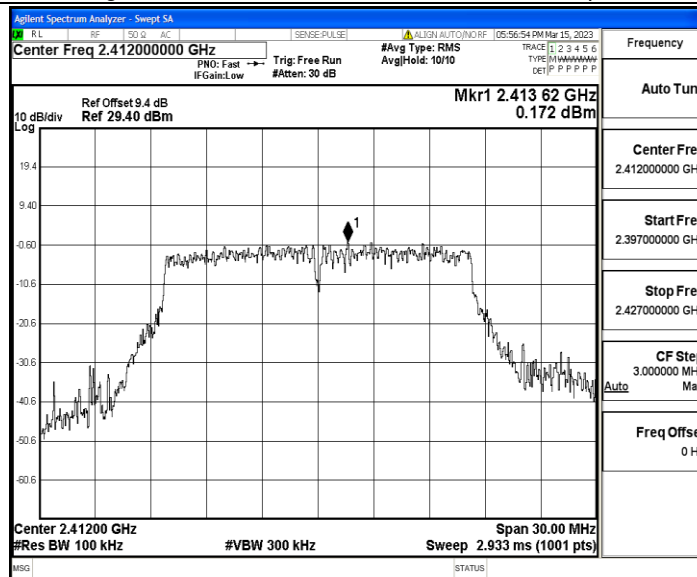
11B_Ant1_2462_0~Reference



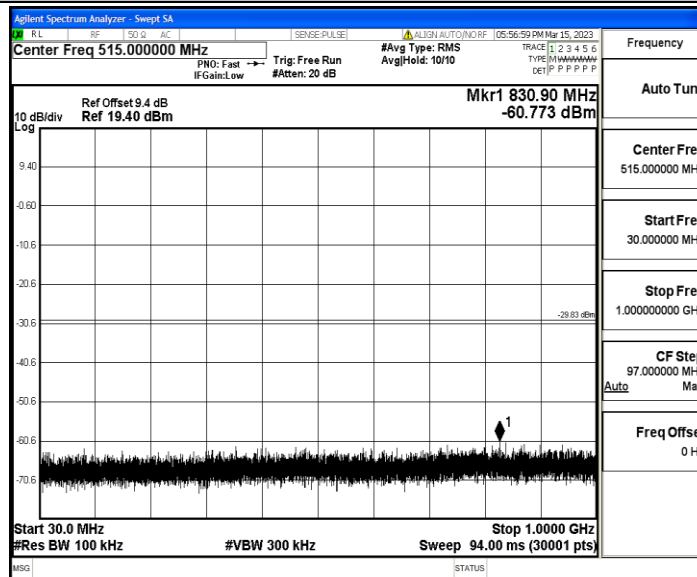
11B_Ant1_2462_30~1000



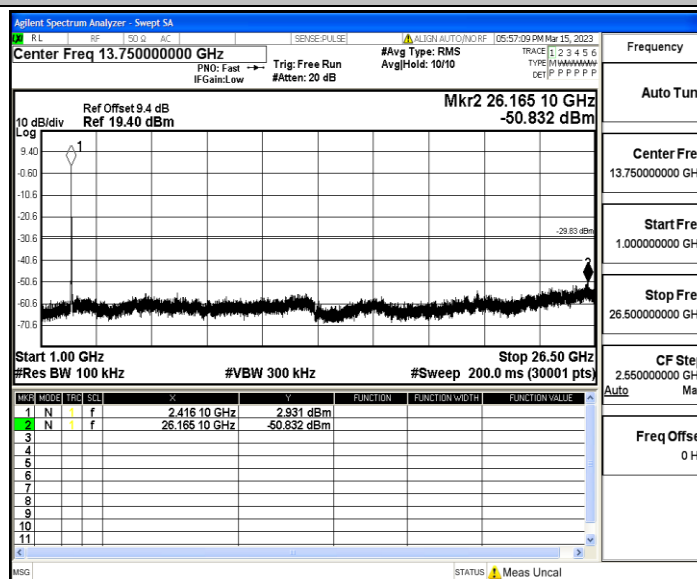
11B_Ant1_2462_1000~26500



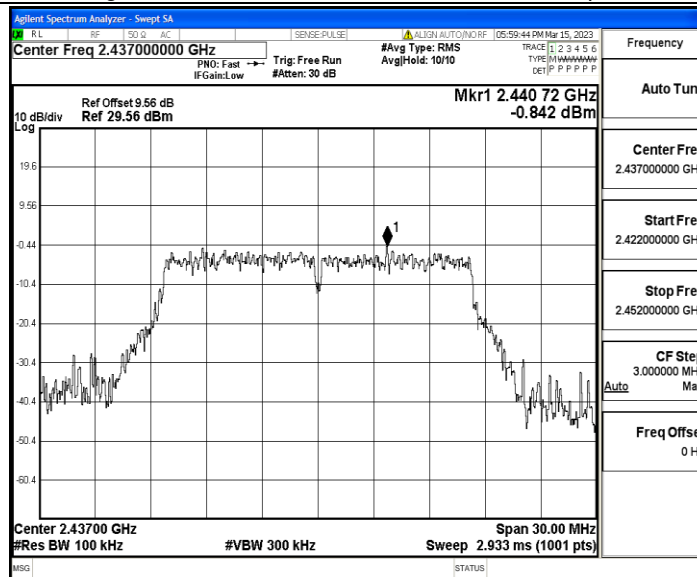
11G_Ant1_2412_0~Reference



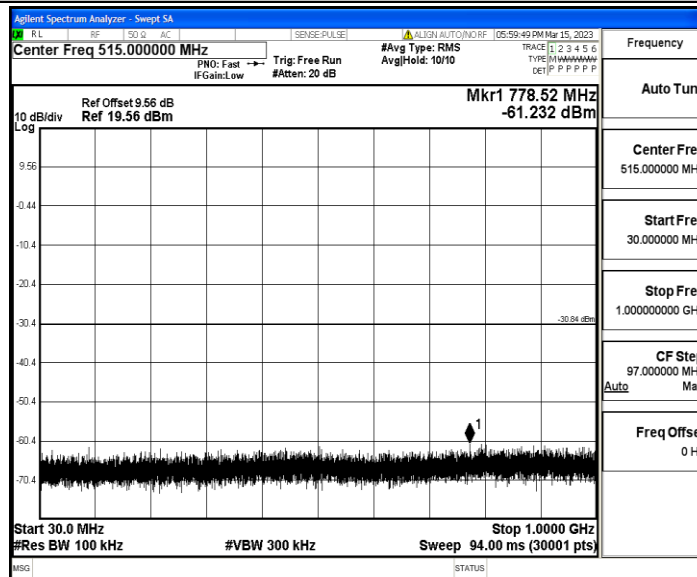
11G_Ant1_2412_30~1000



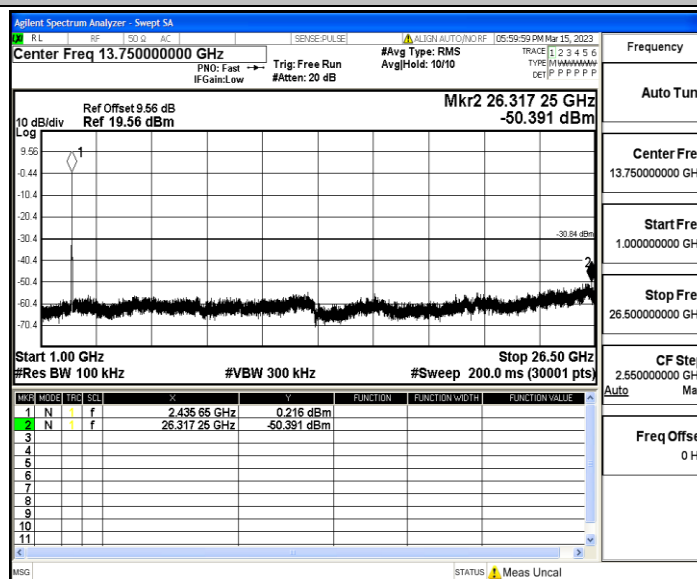
11G_Ant1_2412_1000~26500



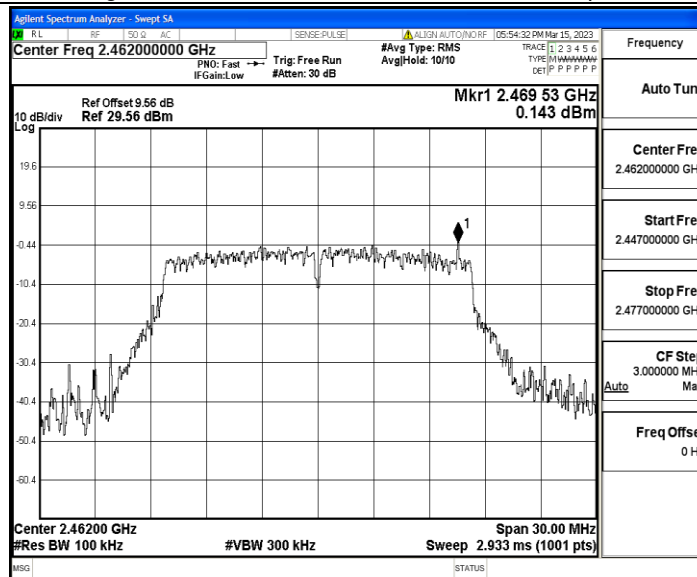
11G_Ant1_2437_0~Reference



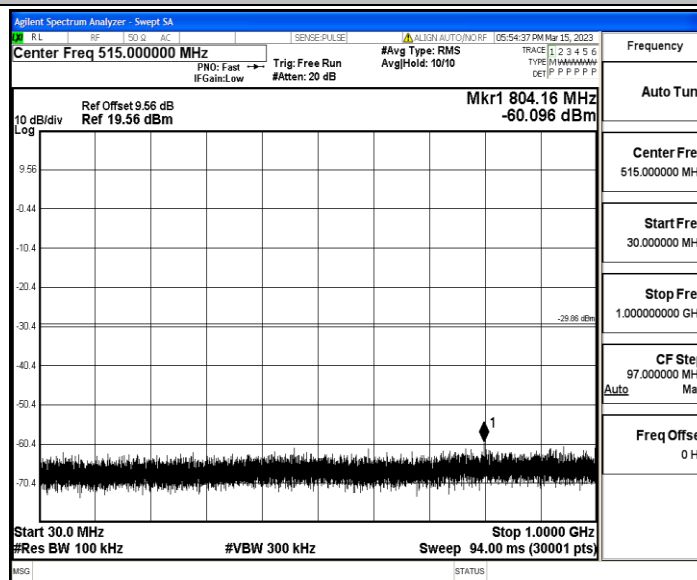
11G_Ant1_2437_30~1000



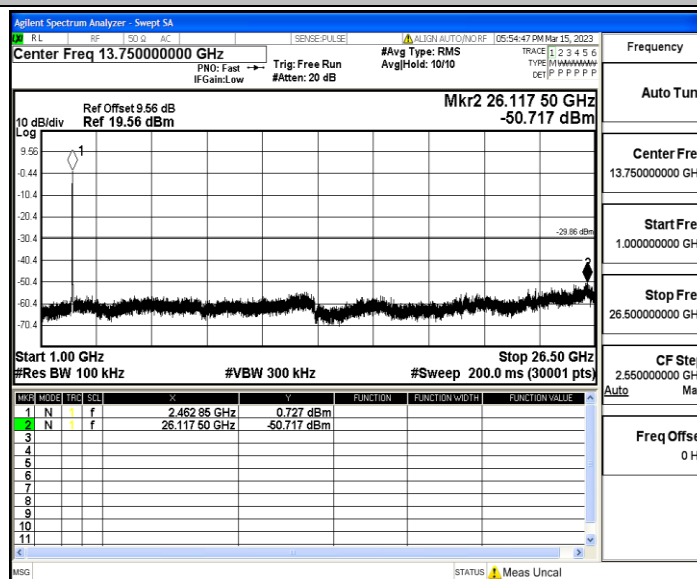
11G_Ant1_2437_1000~26500



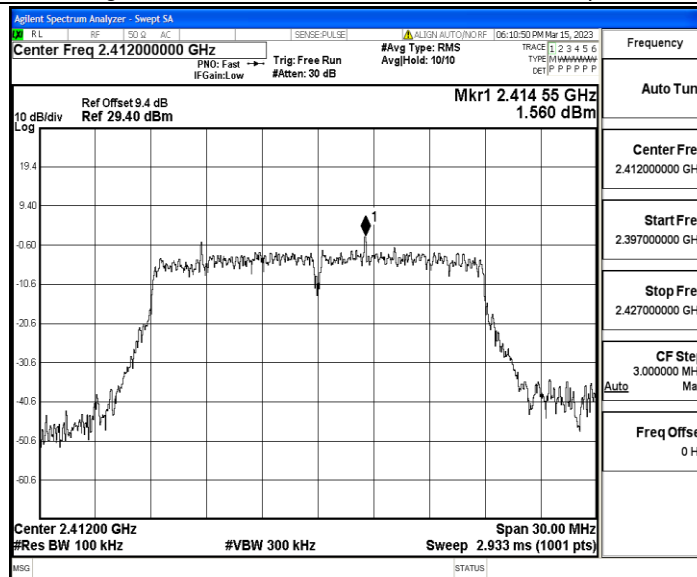
11G_Ant1_2462_0~Reference



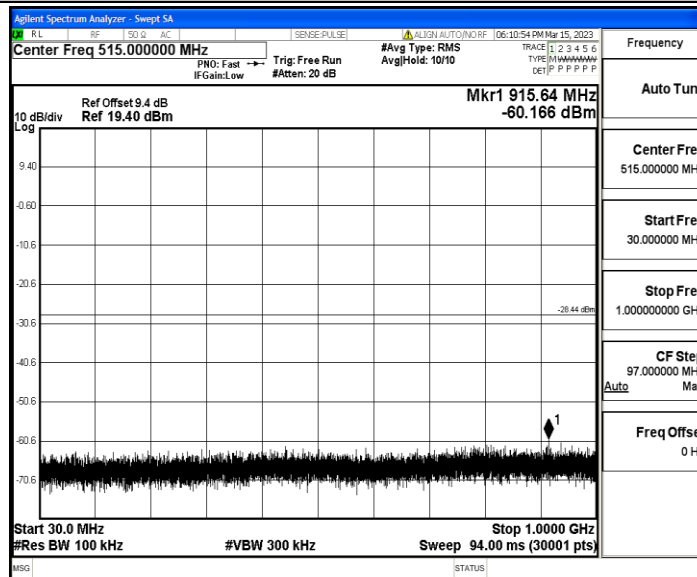
11G_Ant1_2462_30~1000



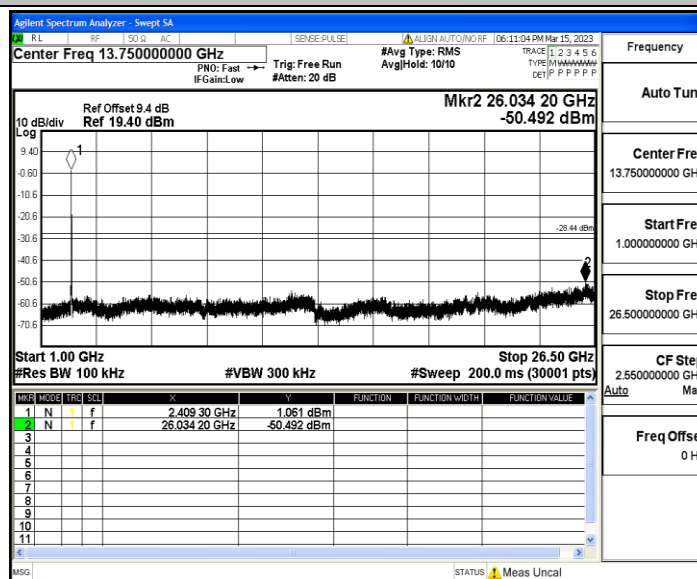
11G_Ant1_2462_1000~26500



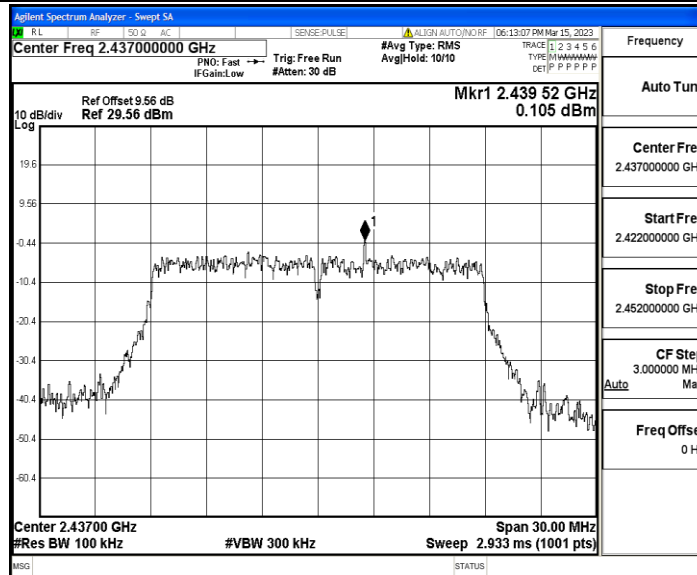
11N20SISO_Ant1_2412_0~Reference



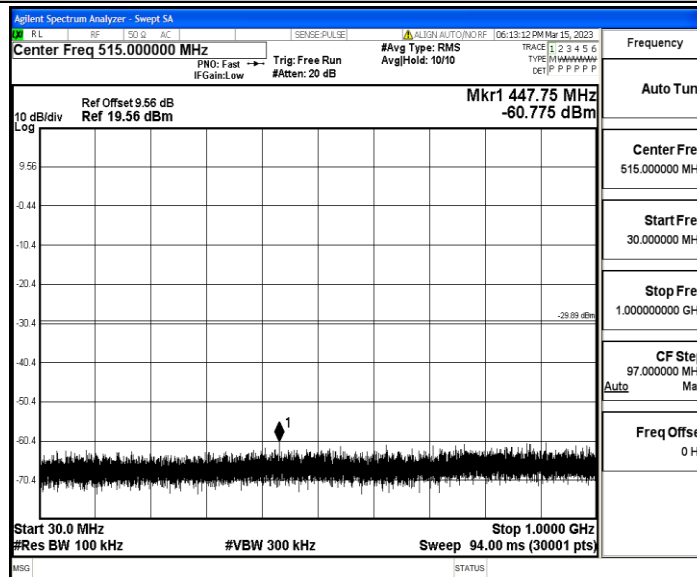
11N20SISO_Ant1_2412_30~1000



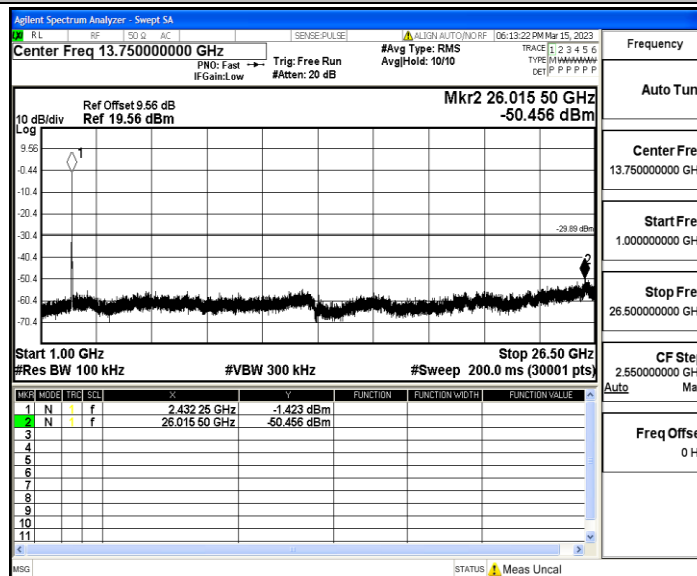
11N20SISO_Ant1_2412_1000~26500



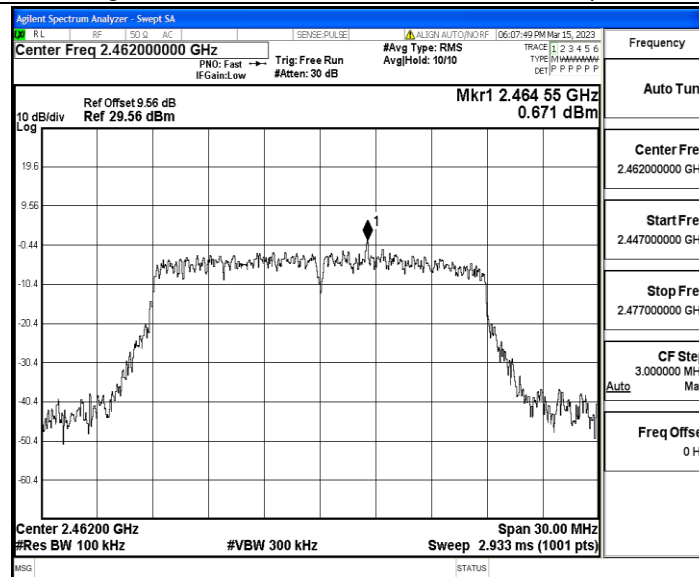
11N20SISO_Ant1_2437_0~Reference



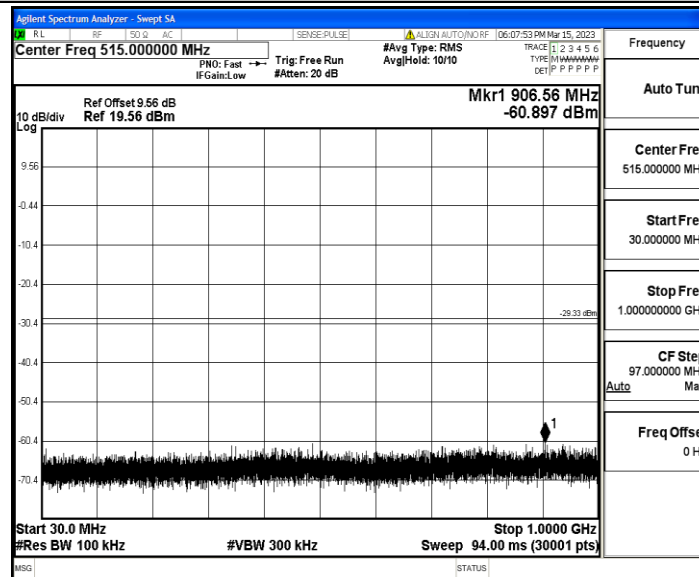
11N20SISO_Ant1_2437_30~1000



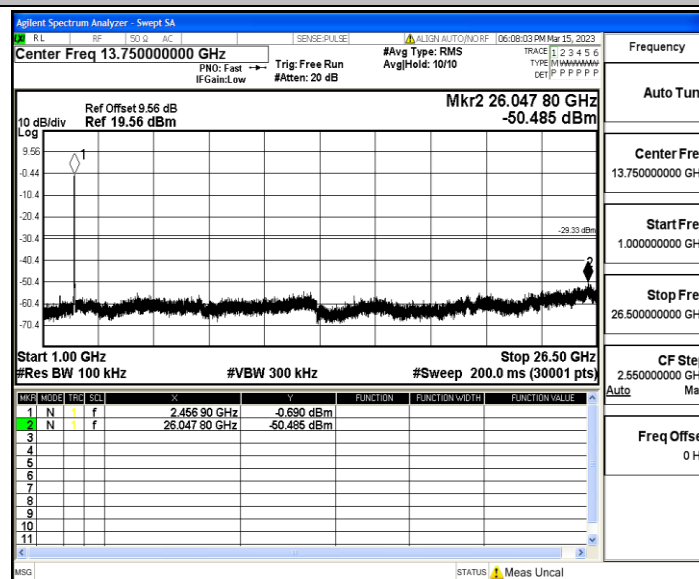
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



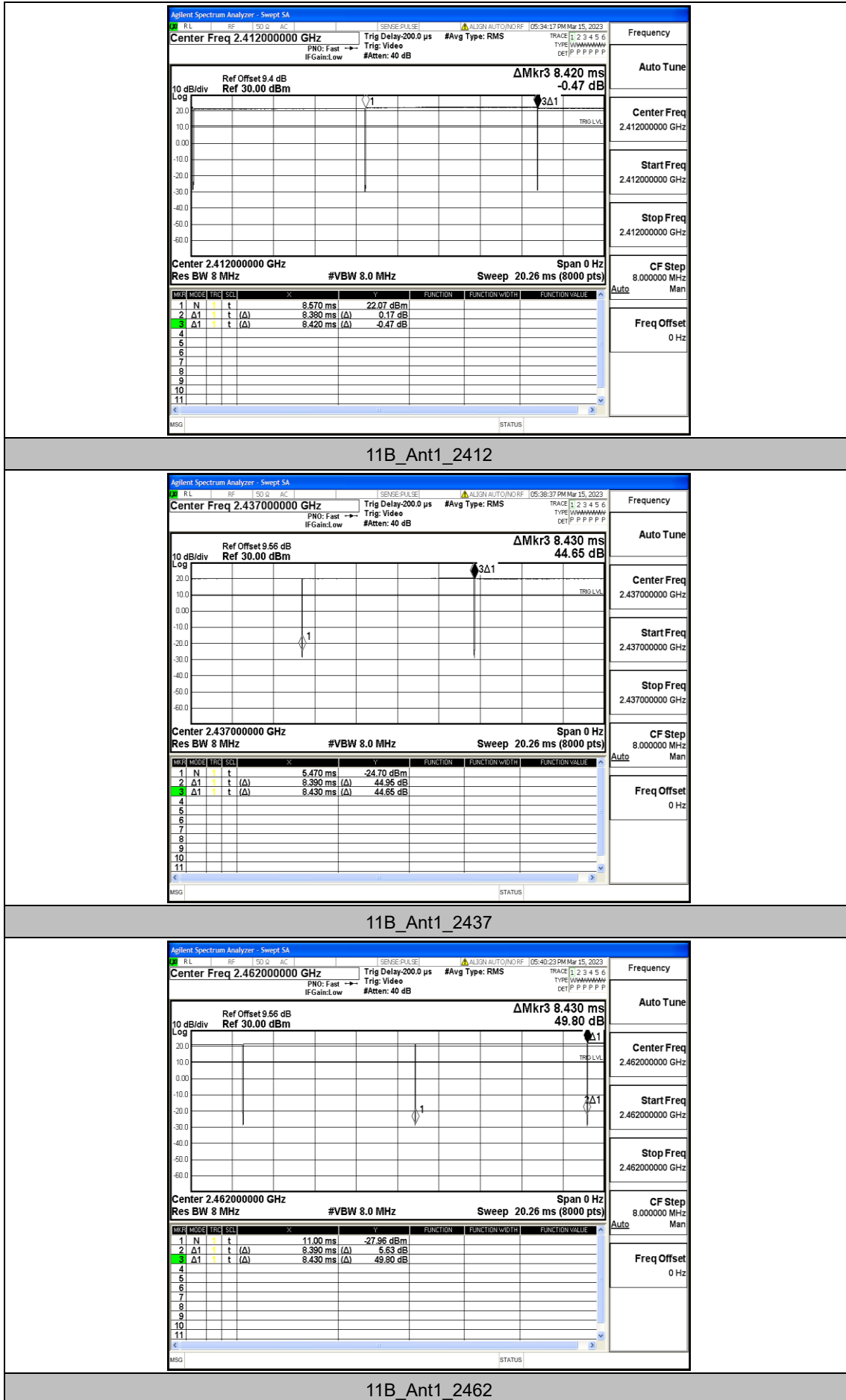
11N20SISO_Ant1_2462_1000~26500

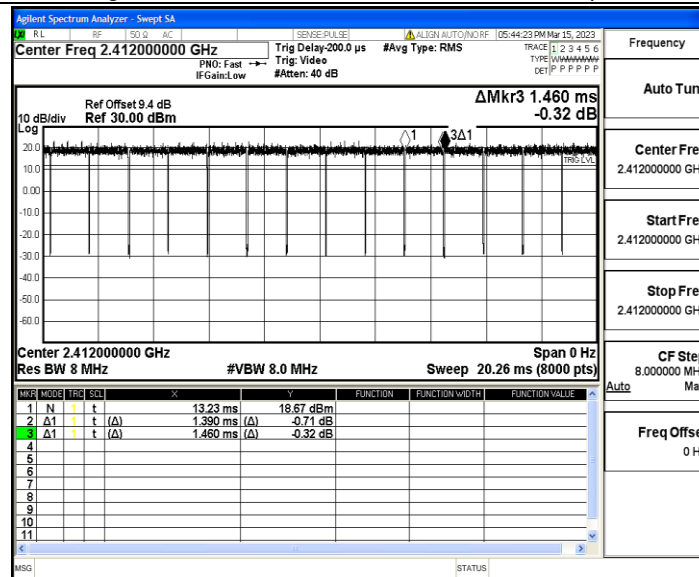
Appendix G: Duty Cycle

Test Result

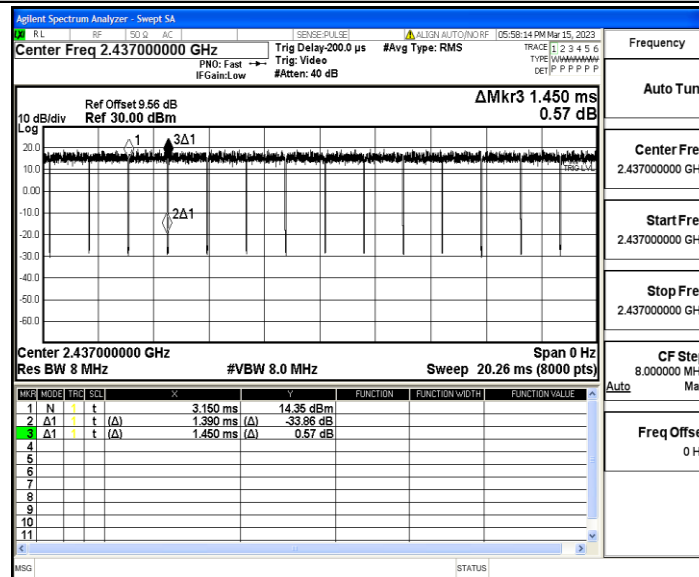
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T
11B	Ant1	2412	8.38	8.42	99.52	0.12
		2437	8.39	8.43	99.53	0.12
		2462	8.39	8.43	99.53	0.12
11G	Ant1	2412	1.39	1.46	95.21	0.72
		2437	1.39	1.45	95.86	0.72
		2462	1.39	1.43	97.20	0.72
11N20SISO	Ant1	2412	1.31	1.36	96.32	0.76
		2437	1.30	1.36	95.59	0.77
		2462	1.30	1.36	95.59	0.77

Test Graphs

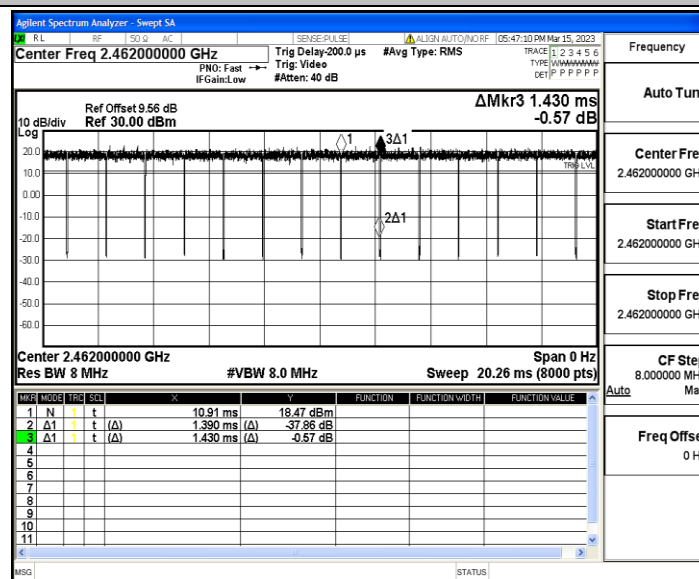




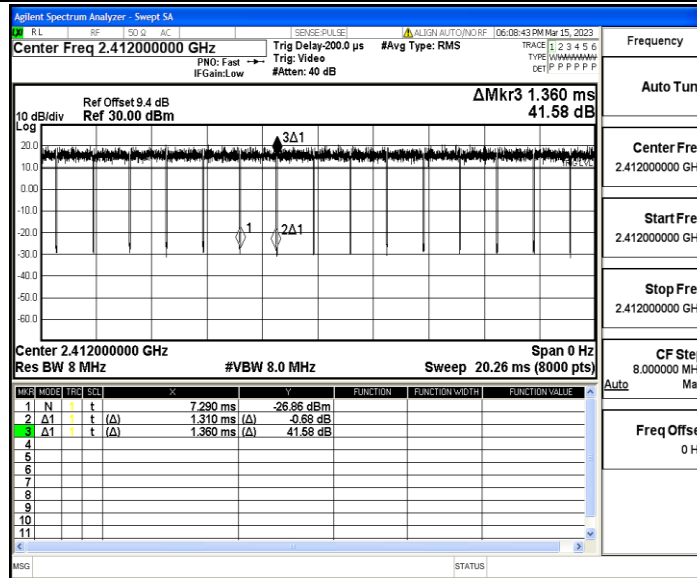
11G_Ant1_2412



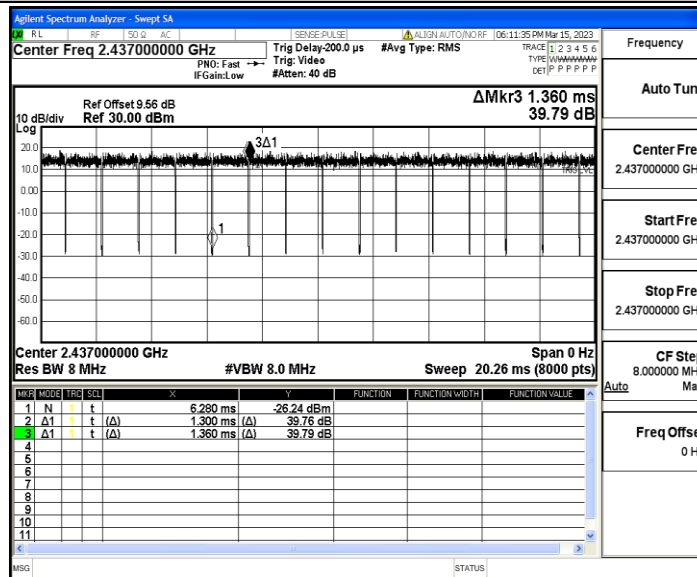
11G_Ant1_2437



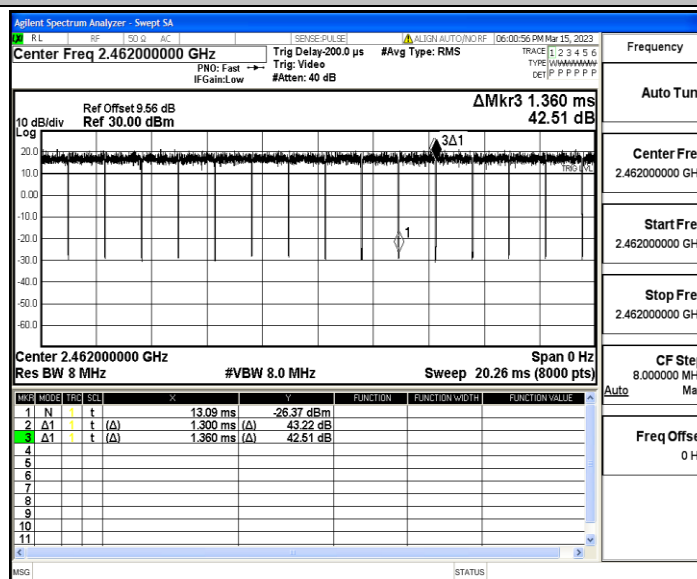
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462