

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	2407.480	2416.560	0.5	PASS
		2437	9.040	2432.440	2441.480	0.5	PASS
		2462	10.040	2457.000	2467.040	0.5	PASS
11G	Ant1	2412	15.680	2404.080	2419.760	0.5	PASS
		2437	17.160	2428.480	2445.640	0.5	PASS
		2462	16.600	2453.520	2470.120	0.5	PASS
11N20SISO	Ant1	2412	13.720	2404.520	2418.240	0.5	PASS
		2437	15.000	2429.480	2444.480	0.5	PASS
		2462	11.320	2456.960	2468.280	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



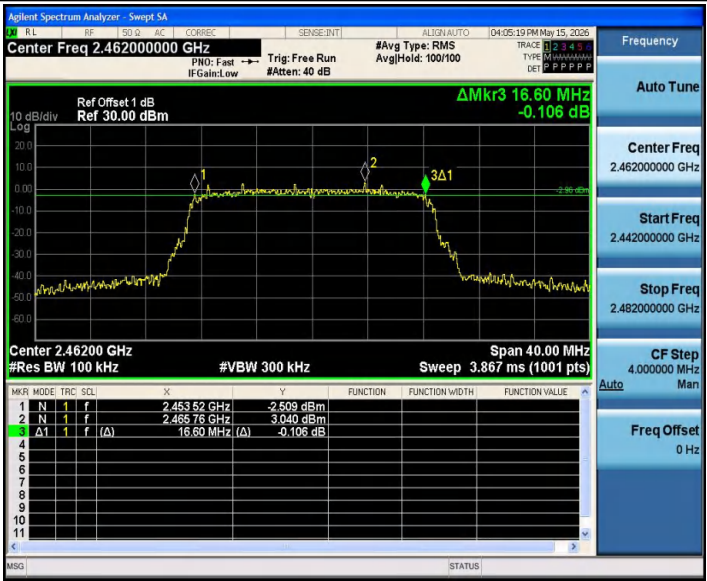
11G_Ant1_2412



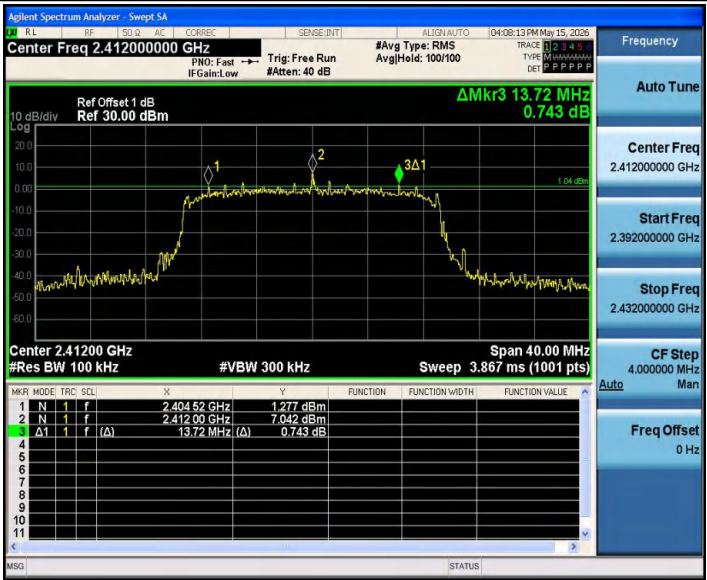
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



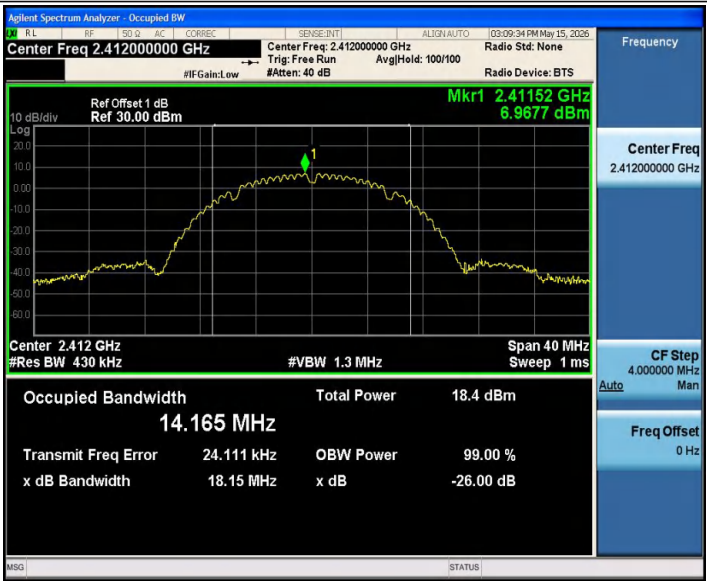
Appendix B: Occupied Channel Bandwidth

Test Result

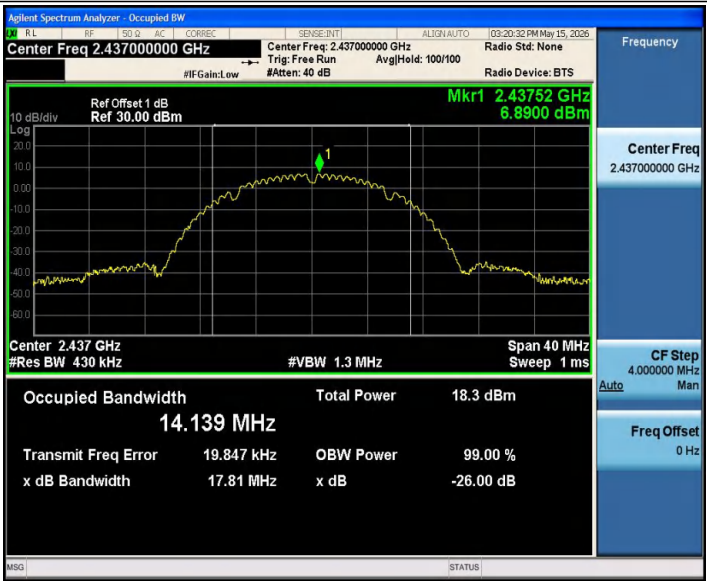
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.165	2404.9416	2419.1066	---	---
		2437	14.139	2429.9504	2444.0894	---	---
		2462	14.123	2454.9535	2469.0765	---	---
11G	Ant1	2412	17.398	2403.2432	2420.6412	---	---
		2437	17.399	2428.3258	2445.7248	---	---
		2462	17.186	2453.3932	2470.5792	---	---
11N20SISO	Ant1	2412	18.114	2403.0762	2421.1902	---	---
		2437	18.357	2427.9151	2446.2721	---	---
		2462	18.383	2452.8505	2471.2335	---	---

Test Graphs

11B_Ant1_2412



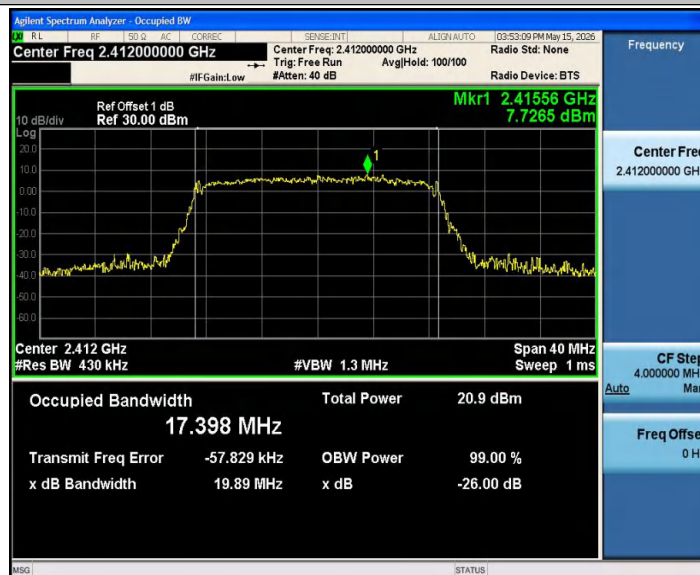
11B_Ant1_2437



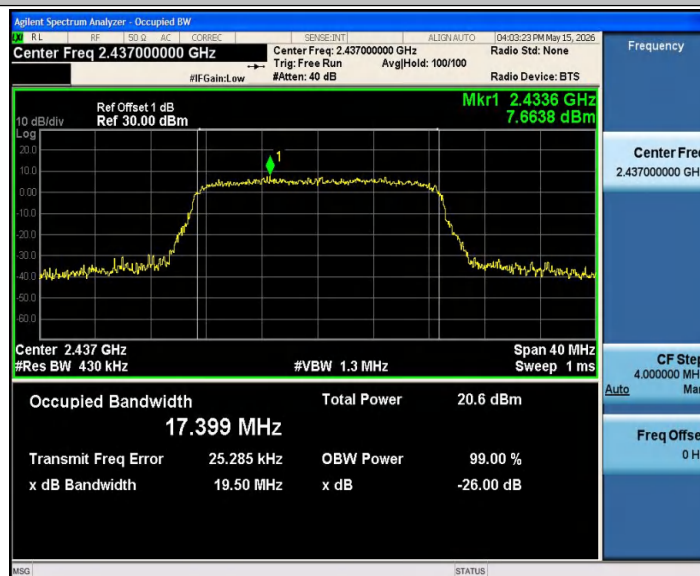
11B_Ant1_2462



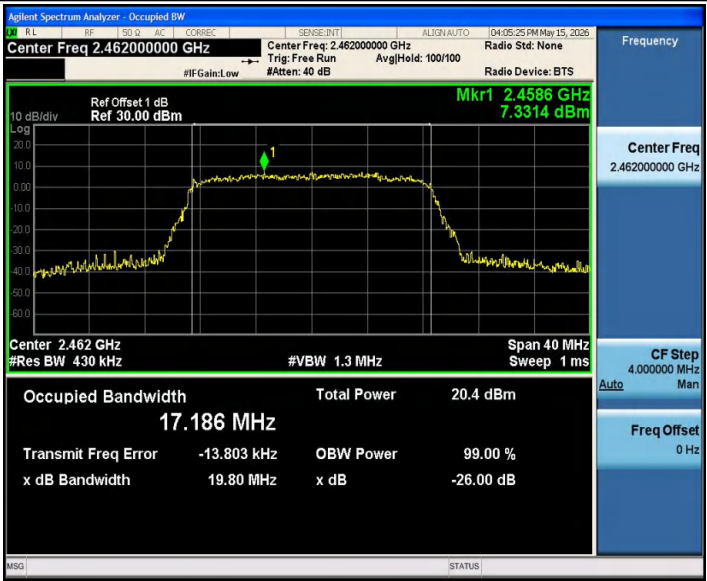
11G_Ant1_2412



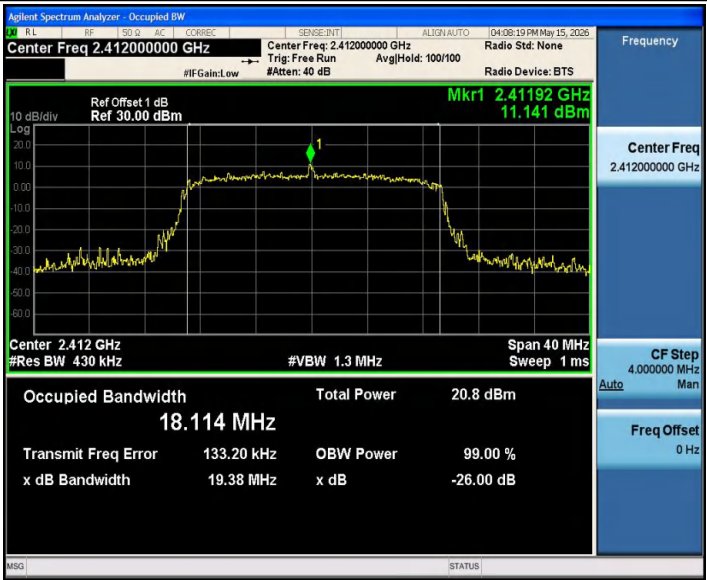
11G_Ant1_2437



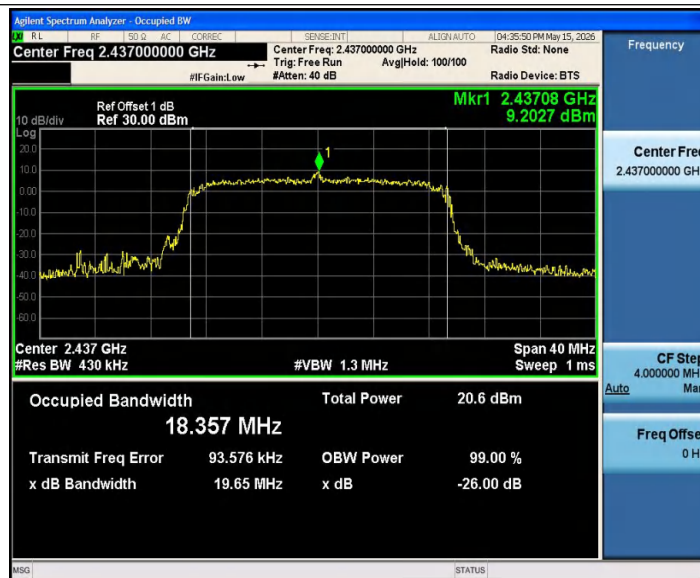
11G_Ant1_2462



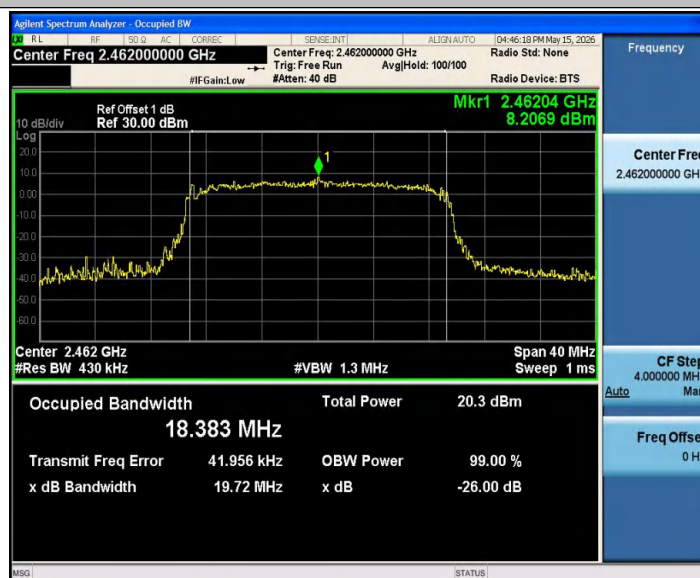
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



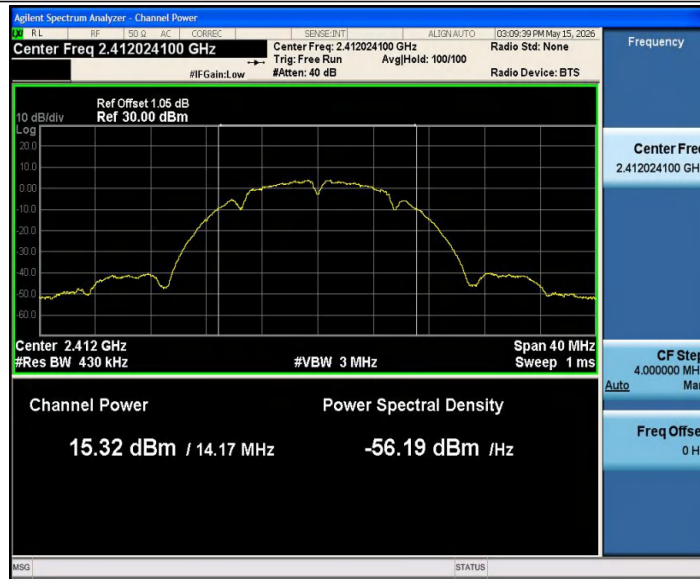
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[M Hz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.32	≤30.00	PASS
		2437	15.36	≤30.00	PASS
		2462	15.06	≤30.00	PASS
11G	Ant1	2412	14.56	≤30.00	PASS
		2437	14.44	≤30.00	PASS
		2462	14.18	≤30.00	PASS
11N20SISO	Ant1	2412	14.40	≤30.00	PASS
		2437	14.29	≤30.00	PASS
		2462	13.99	≤30.00	PASS

Test Graphs Average

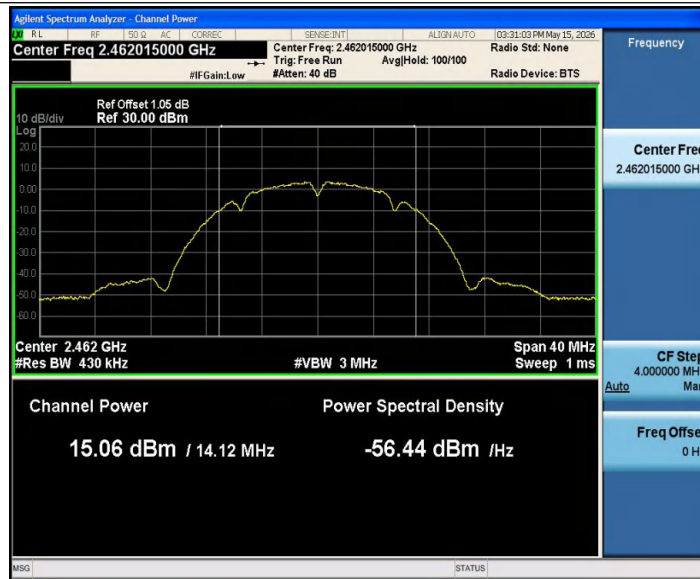
11B_Ant1_2412



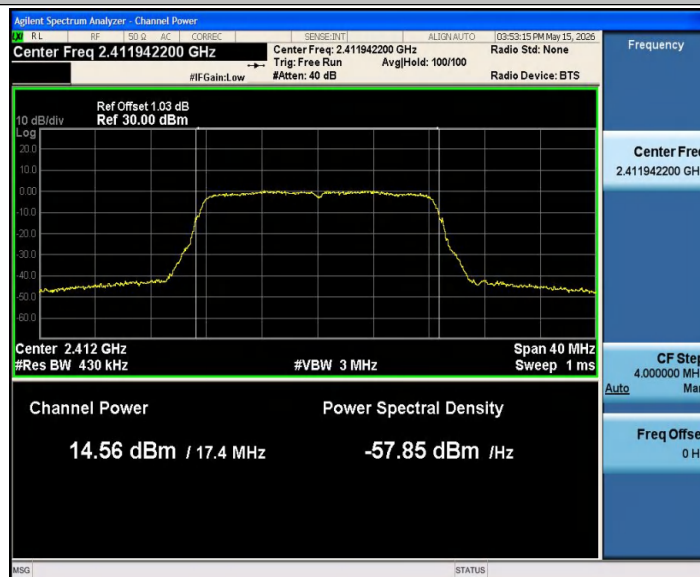
11B_Ant1_2437



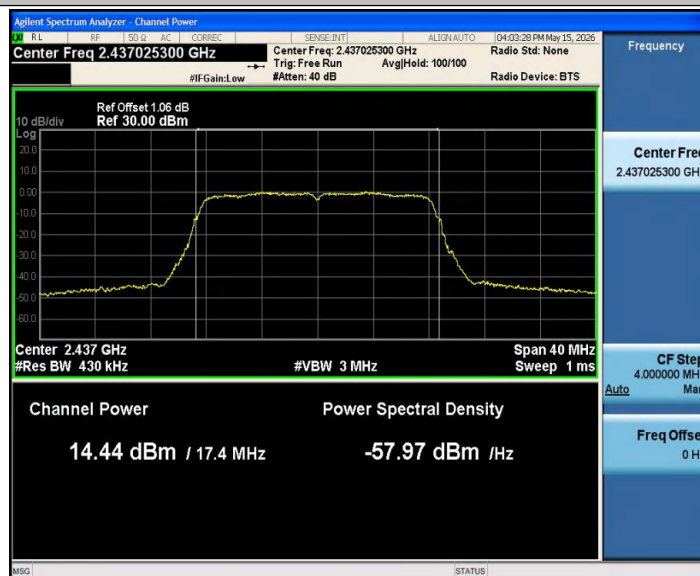
11B_Ant1_2462



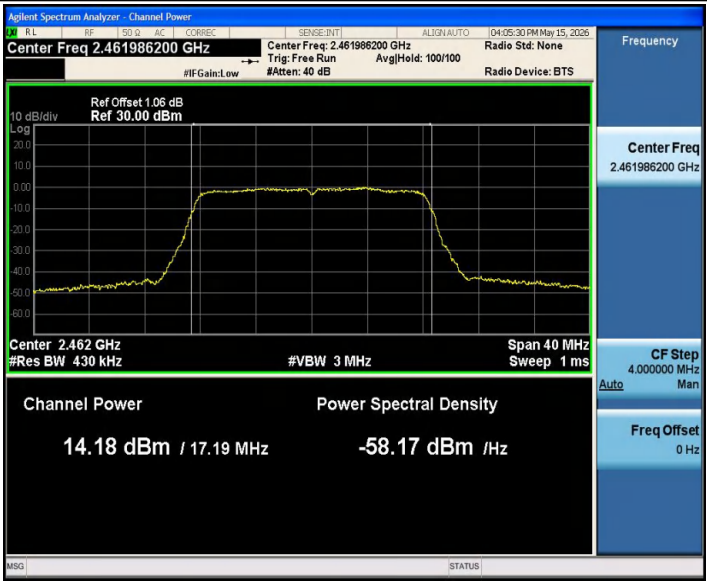
11G_Ant1_2412



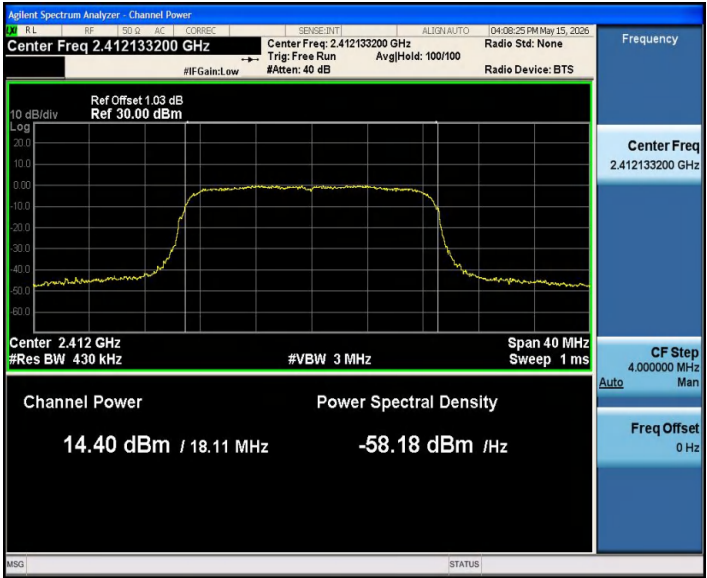
11G_Ant1_2437



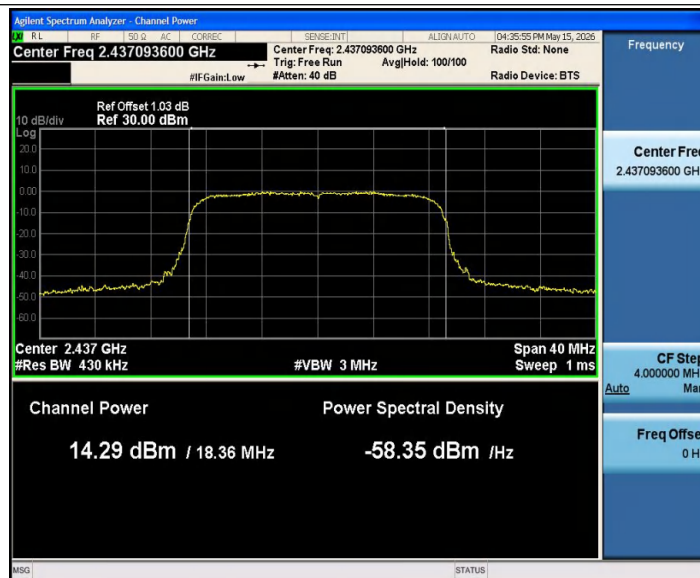
11G_Ant1_2462



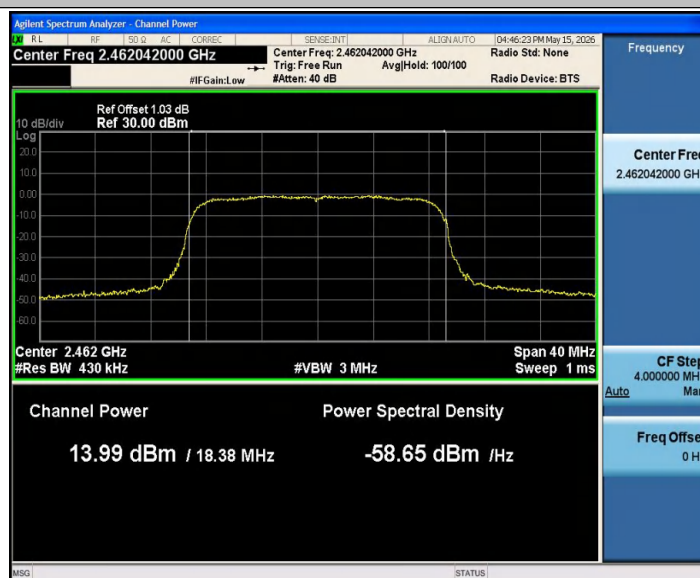
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.33	≤8.00	PASS
		2437	-21.65	≤8.00	PASS
		2462	-15.62	≤8.00	PASS
11G	Ant1	2412	-17.35	≤8.00	PASS
		2437	-17.49	≤8.00	PASS
		2462	-18.78	≤8.00	PASS
11N20SISO	Ant1	2412	-17.43	≤8.00	PASS
		2437	-16.03	≤8.00	PASS
		2462	-16.69	≤8.00	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



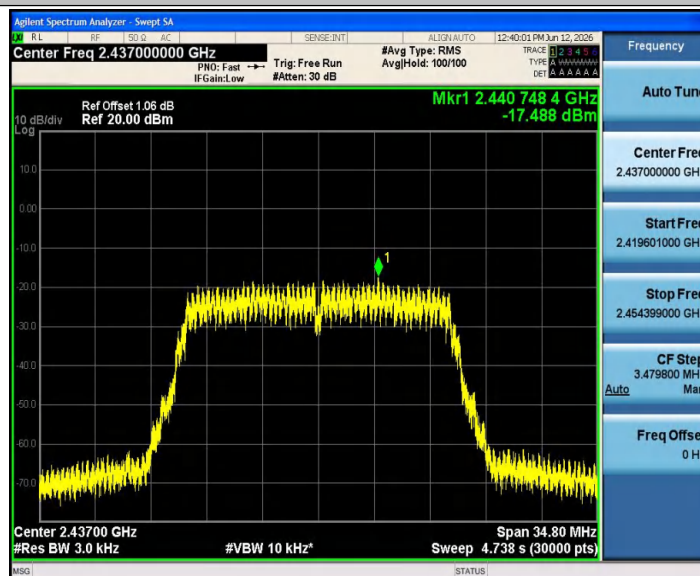
11B_Ant1_2462



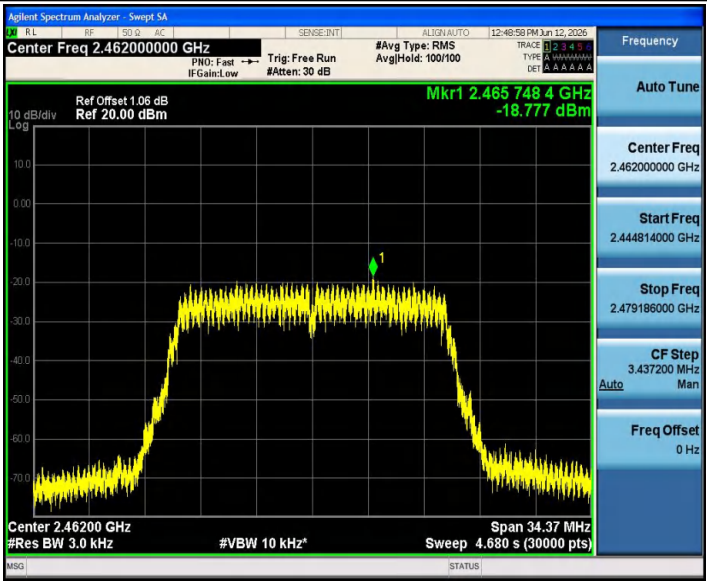
11G_Ant1_2412



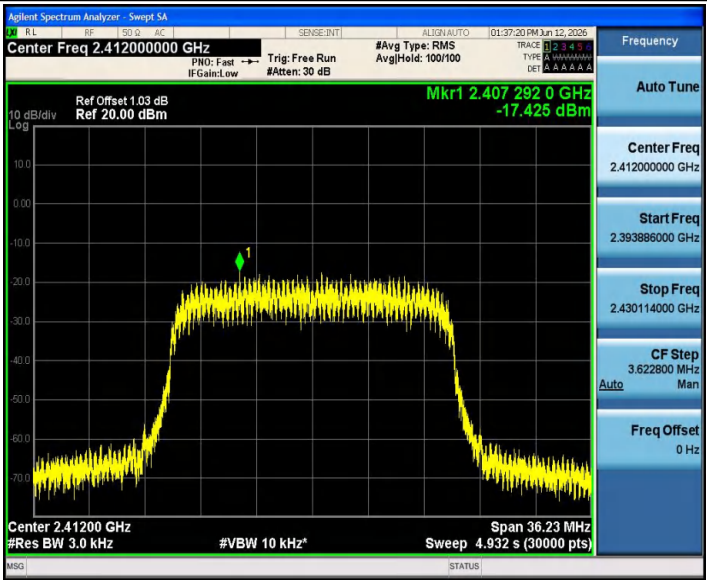
11G_Ant1_2437



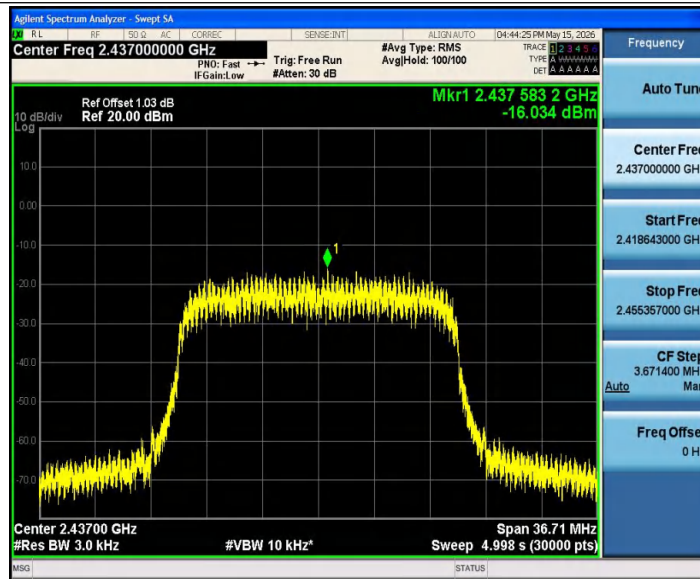
11G_Ant1_2462



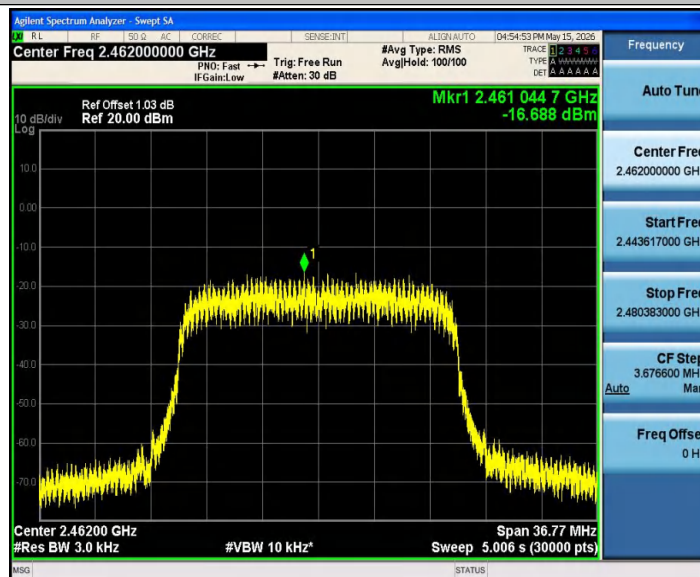
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix E: Band edge measurements

Test Result

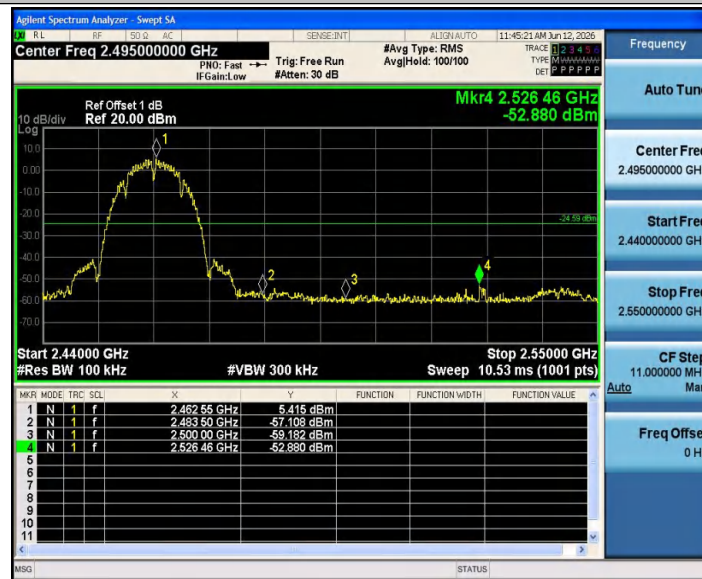
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.16	-37.75	≤-23.84	PASS
		High	2462	5.41	-52.88	≤-24.59	PASS
11G	Ant1	Low	2412	2.26	-38	≤-27.74	PASS
		High	2462	3.11	-45.02	≤-26.89	PASS
11N20SISO	Ant1	Low	2412	6.88	-36.47	≤-23.12	PASS
		High	2462	5.55	-43.98	≤-24.45	PASS

Test Graphs

11B_Ant1_Low_2412



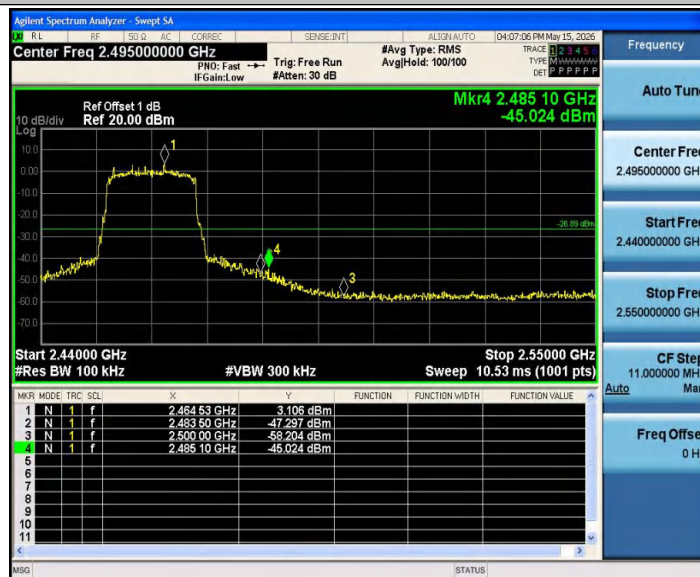
11B_Ant1_High_2462



11G_Ant1_Low_2412



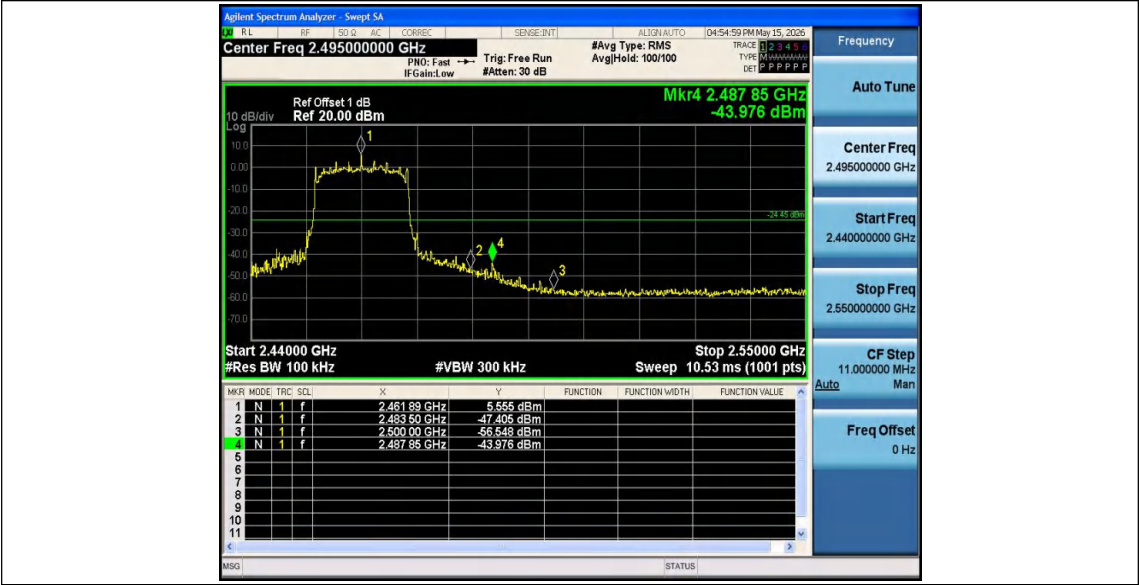
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20ISO_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	6.06	6.06	---	PASS
			30~1000	6.06	-68.31	≤-23.94	PASS
			1000~26500	6.06	-38.92	≤-23.94	PASS
		2437	Reference	4.70	4.70	---	PASS
			30~1000	4.70	-68.07	≤-25.3	PASS
			1000~26500	4.70	-51.47	≤-25.3	PASS
		2462	Reference	4.88	4.88	---	PASS
			30~1000	4.88	-68.63	≤-25.12	PASS
			1000~26500	4.88	-52.79	≤-25.12	PASS
11G	Ant1	2412	Reference	2.66	2.66	---	PASS
			30~1000	2.66	-68.17	≤-27.34	PASS
			1000~26500	2.66	-53.21	≤-27.34	PASS
		2437	Reference	0.13	0.13	---	PASS
			30~1000	0.13	-68.42	≤-29.87	PASS
			1000~26500	0.13	-54.12	≤-29.87	PASS
		2462	Reference	0.54	0.54	---	PASS
			30~1000	0.54	-66.21	≤-29.46	PASS
			1000~26500	0.54	-53.72	≤-29.46	PASS
11N20SISO	Ant1	2412	Reference	0.72	0.72	---	PASS
			30~1000	0.72	-67.52	≤-29.28	PASS
			1000~26500	0.72	-54.2	≤-29.28	PASS
		2437	Reference	2.95	2.95	---	PASS
			30~1000	2.95	-67.95	≤-27.05	PASS
			1000~26500	2.95	-54.17	≤-27.05	PASS
		2462	Reference	1.61	1.61	---	PASS
			30~1000	1.61	-66.48	≤-28.39	PASS
			1000~26500	1.61	-53.51	≤-28.39	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



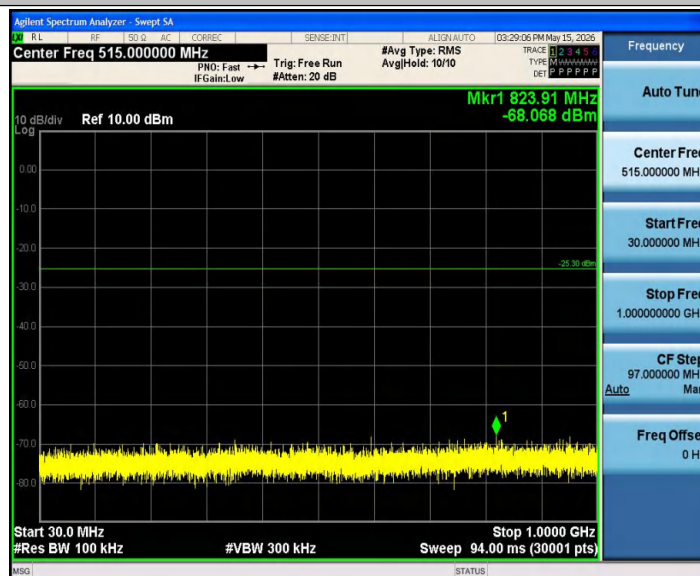
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



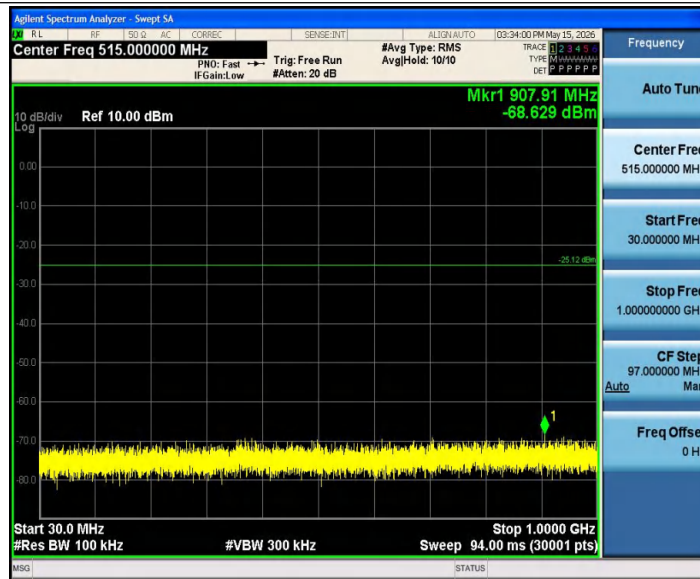
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



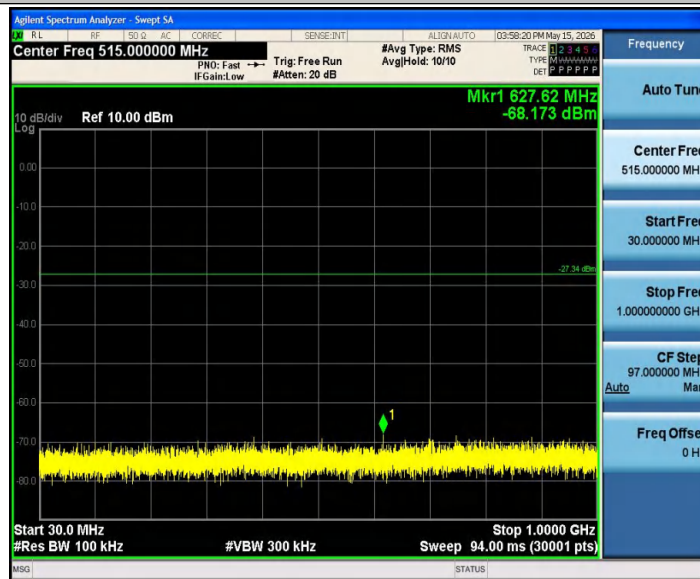
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



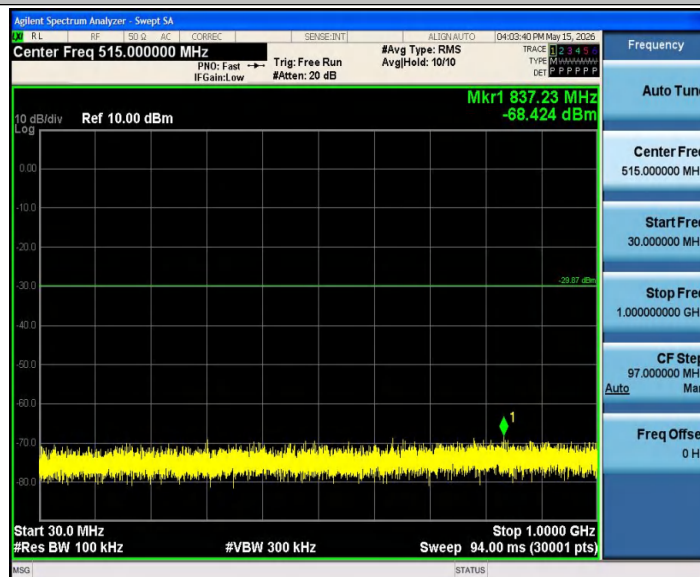
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



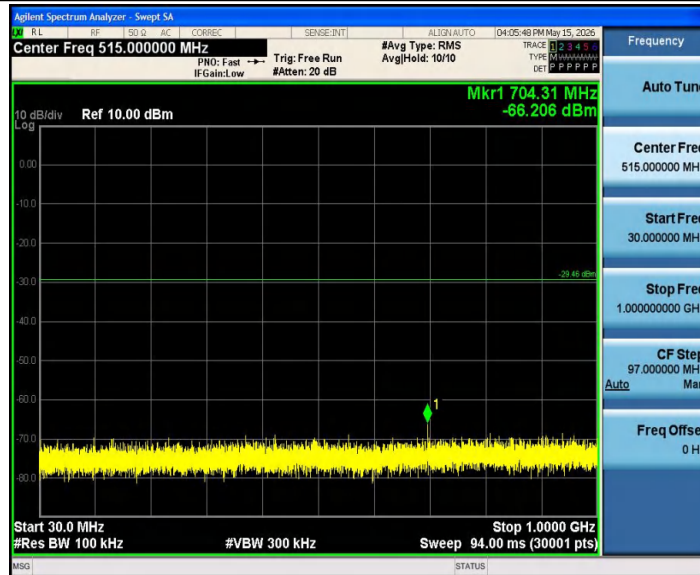
11G_Ant1_2437_1000~26500



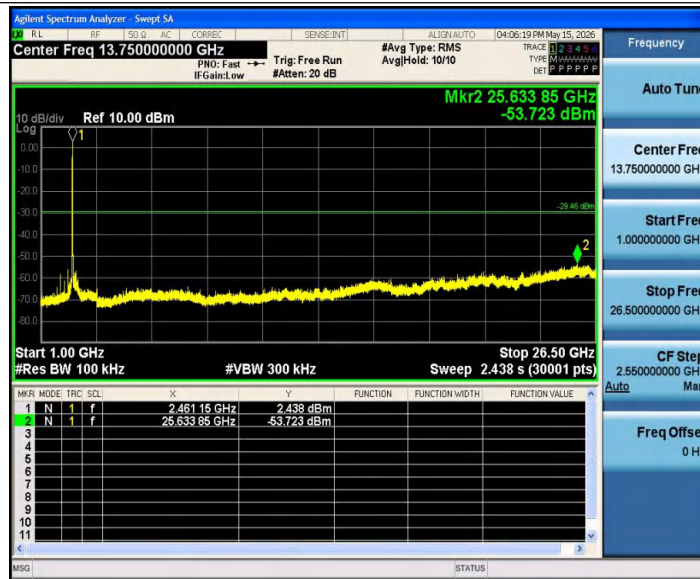
11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



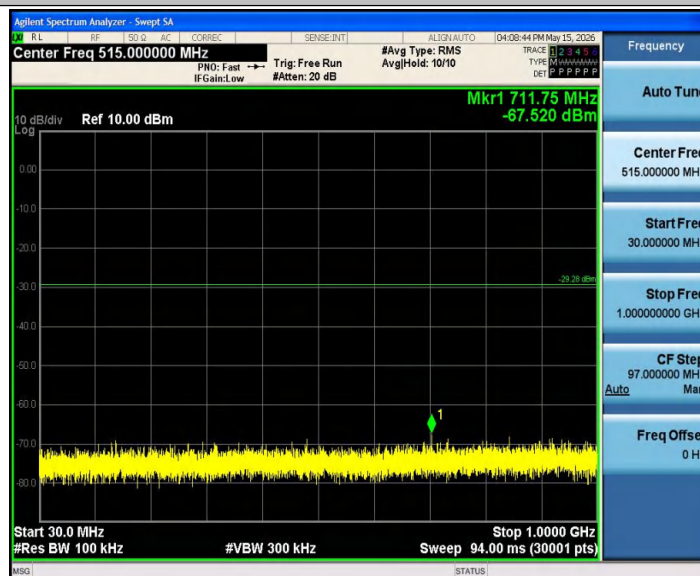
11G_Ant1_2462_1000~26500



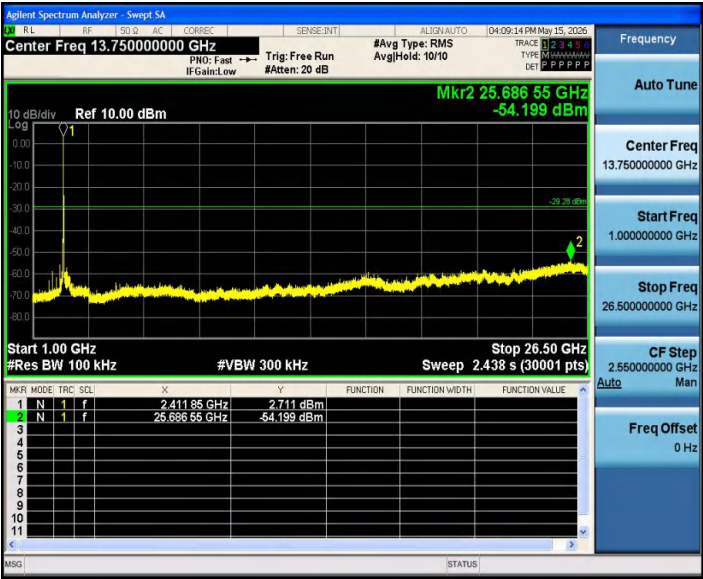
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



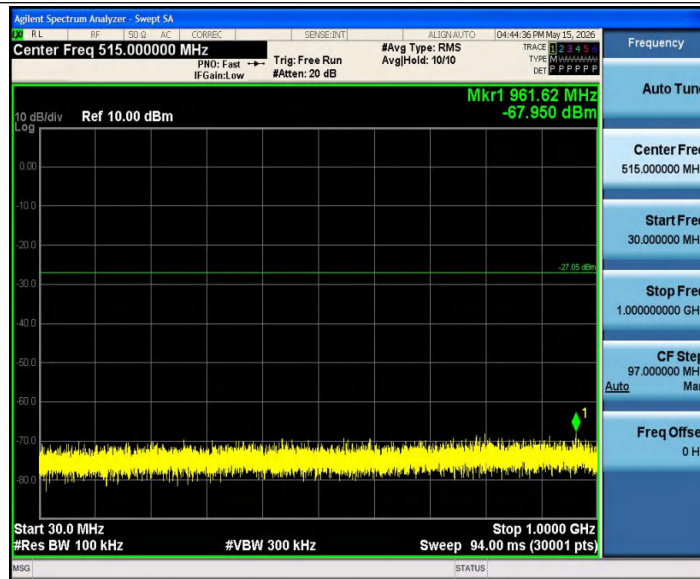
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



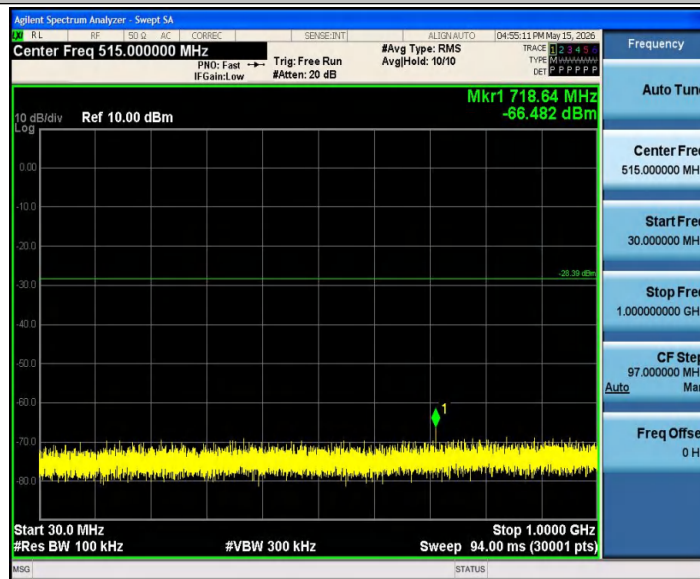
11N20SISO_Ant1_2437_1000~26500



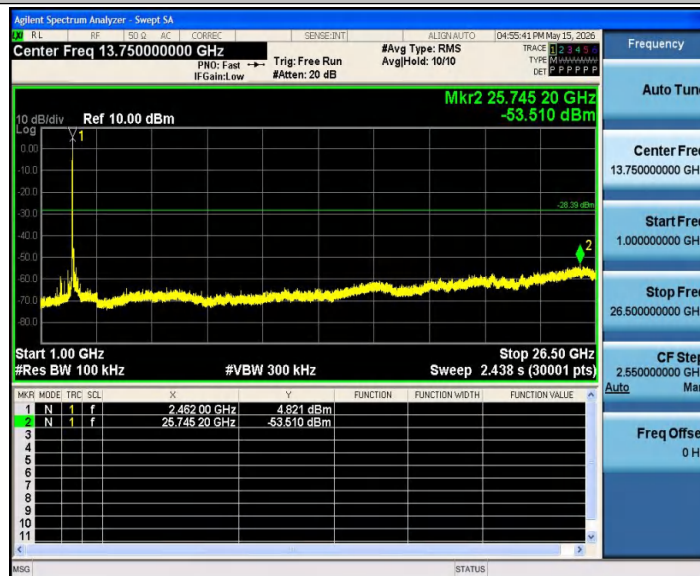
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500

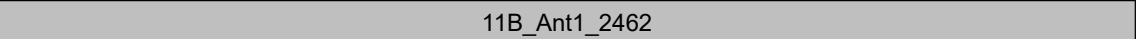
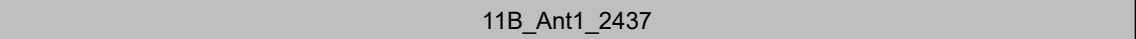


Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.38	8.47	98.94
		2437	8.39	8.47	99.06
		2462	8.38	8.47	98.94
11G	Ant1	2412	1.40	1.41	99.29
		2437	1.39	1.41	98.58
		2462	1.39	1.41	98.58
11N20SISO	Ant1	2412	1.30	1.31	99.24
		2437	1.30	1.31	99.24
		2462	1.30	1.31	99.24

11B_Ant1_2412



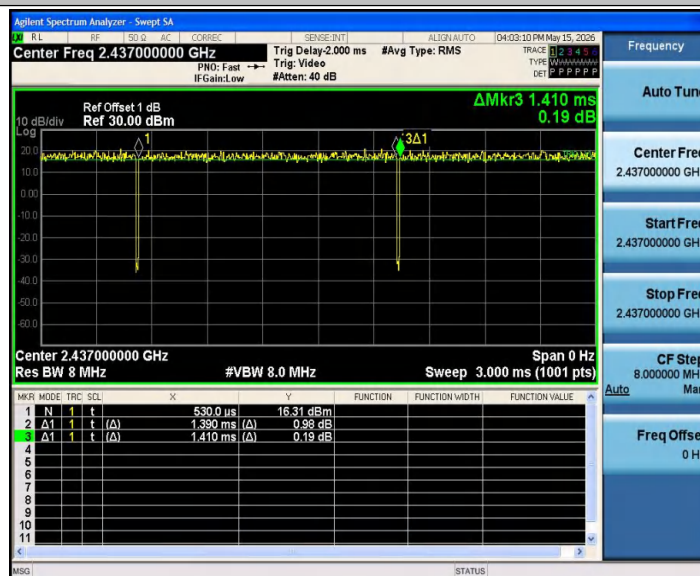
11B_Ant1_2462



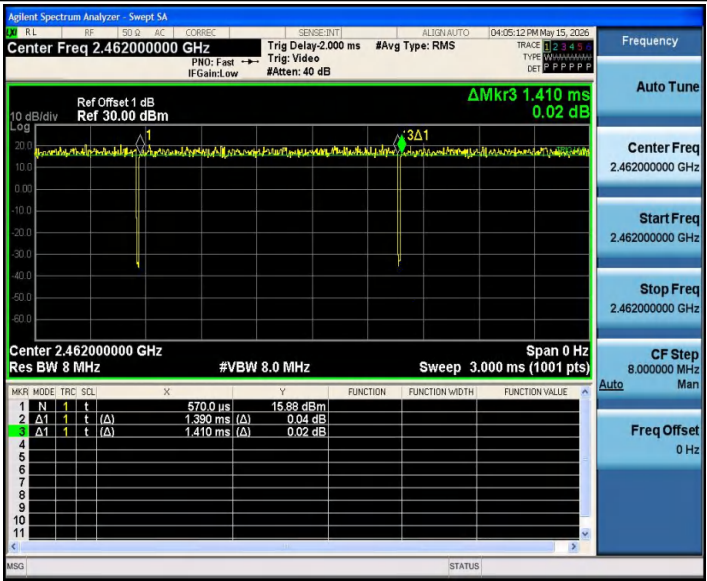
11G_Ant1_2412



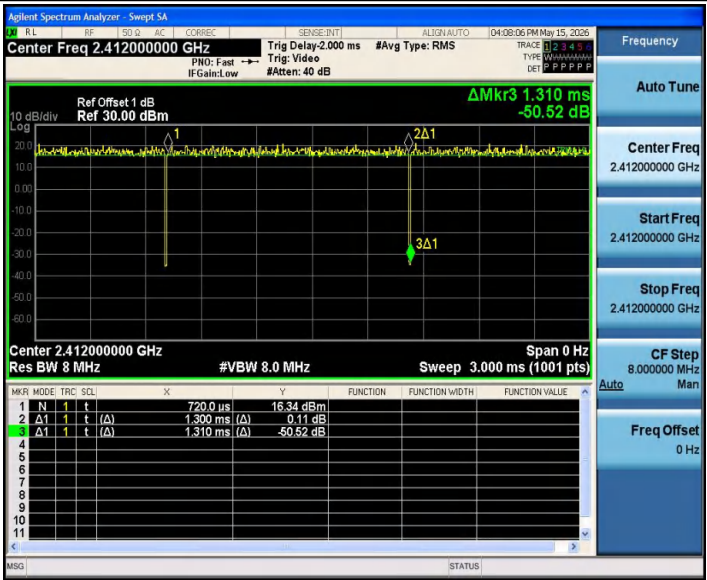
11G_Ant1_2437



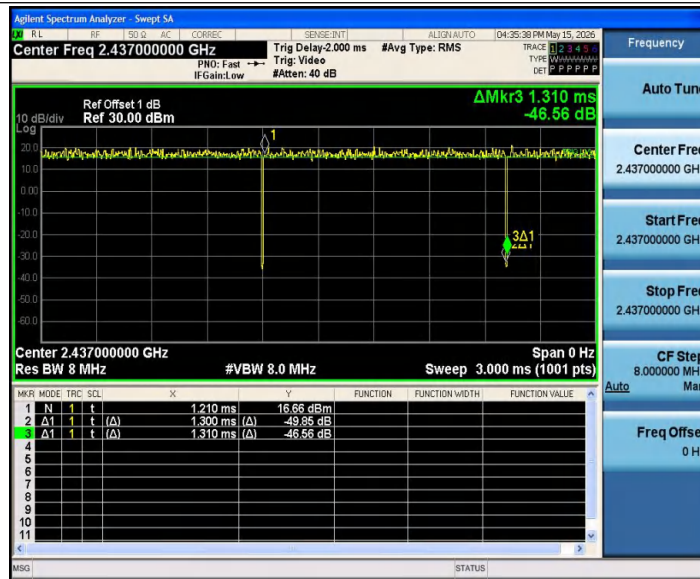
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

