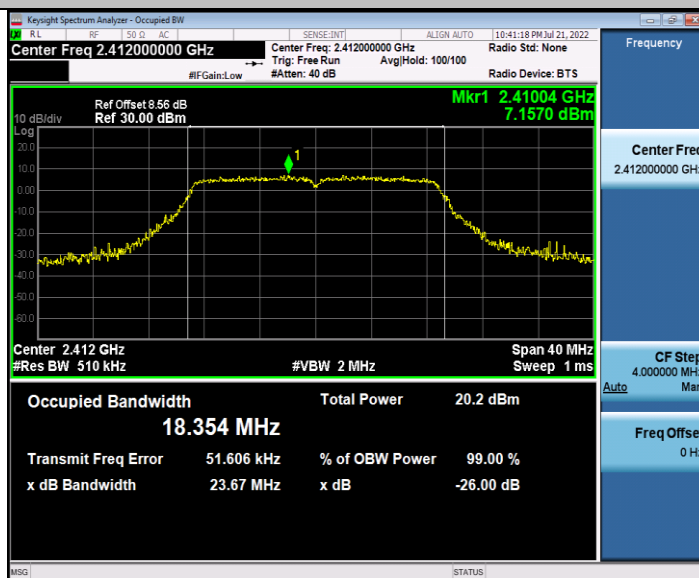
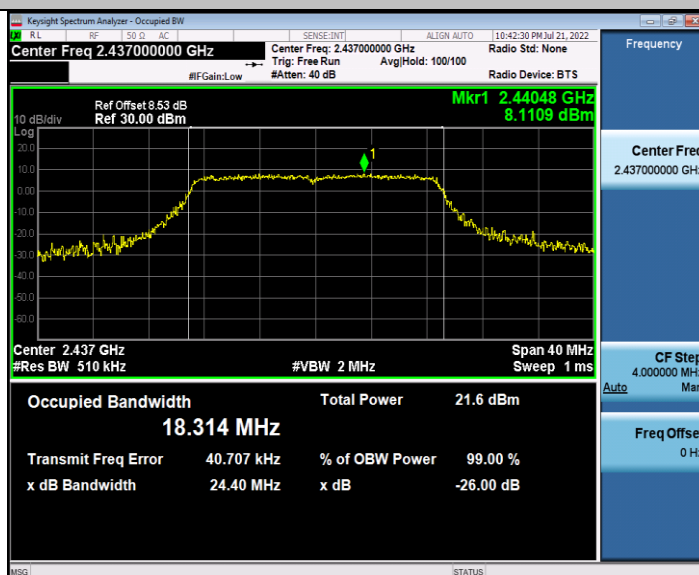


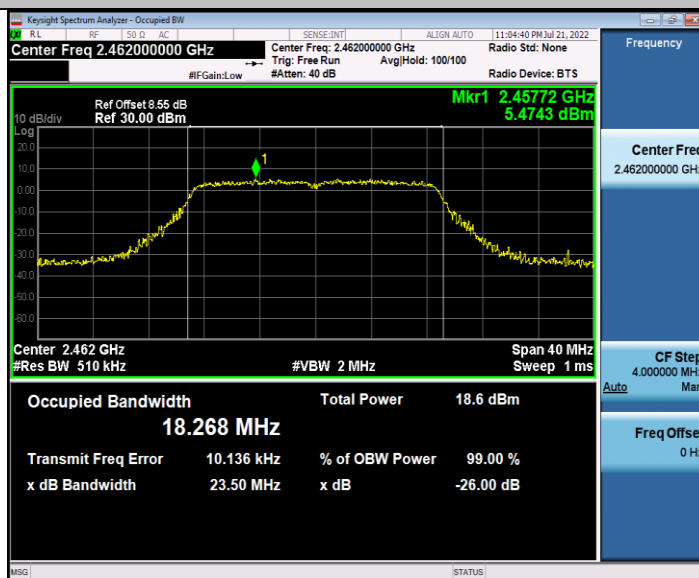
11N20SISO_Ant1_2412



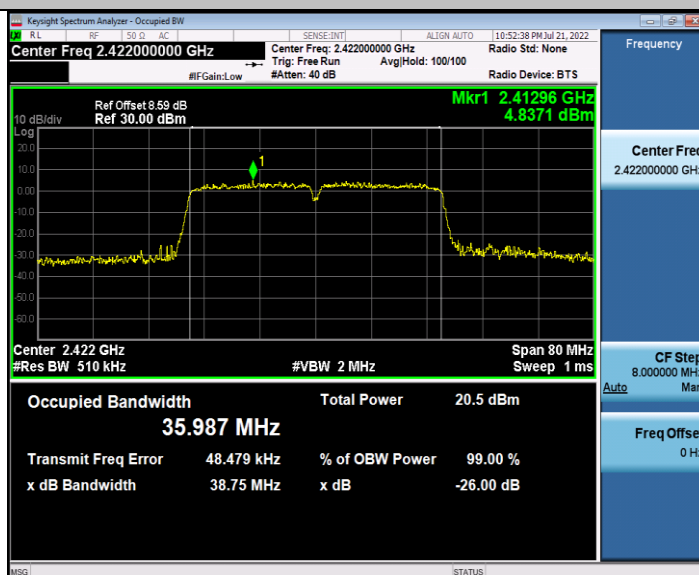
11N20SISO_Ant1_2437



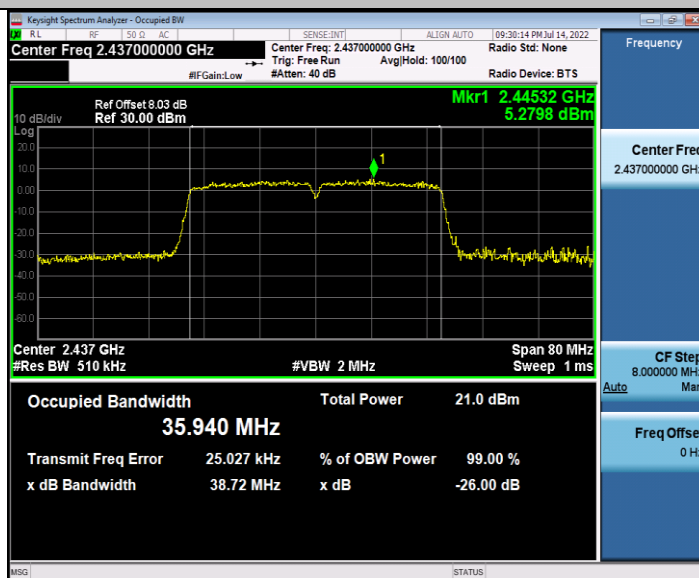
11N20SISO_Ant1_2462



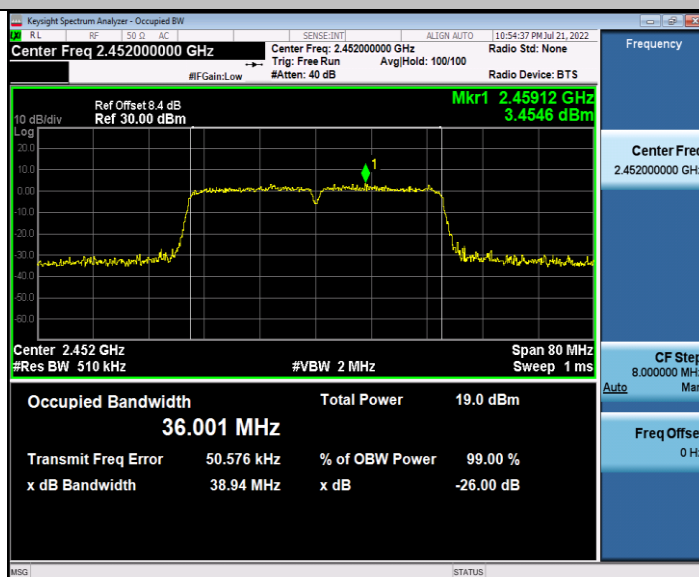
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	DT (%)	10 log (1/x)	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	99.03	–	2412	16.00	<=30	PASS
		98.32	–	2437	15.99	<=30	PASS
		99.51	–	2462	16.29	<=30	PASS
11G	Ant1	91.28	0.40	2412	14.14	<=30	PASS
		92.52	0.34	2437	15.20	<=30	PASS
		90.67	0.43	2462	14.12	<=30	PASS
11N20SISO	Ant1	89.44	0.48	2412	14.35	<=30	PASS
		85.23	0.69	2437	15.52	<=30	PASS
		91.37	0.39	2462	12.58	<=30	PASS
11N40SISO	Ant1	78.75	1.04	2422	14.54	<=30	PASS
		78.75	1.04	2437	14.93	<=30	PASS
		78.75	1.04	2452	13.31	<=30	PASS

Note : The Duty Cycle Factor is compensated in the graph.

Test Graphs

11B_Ant1_2412



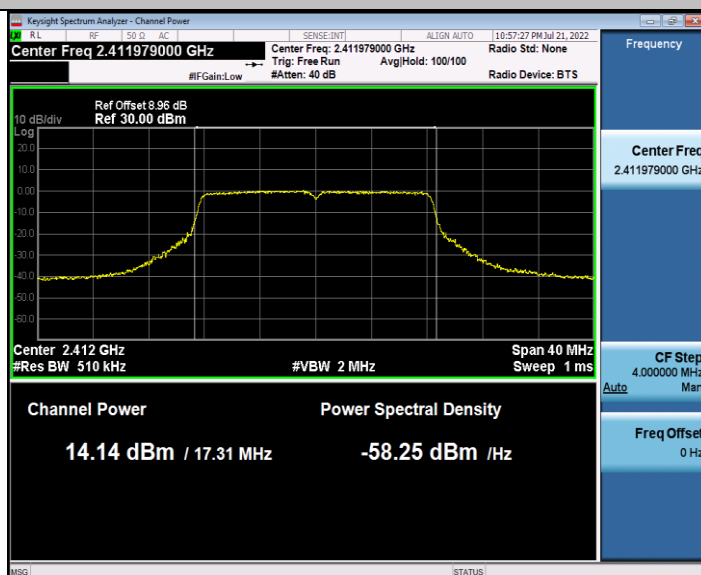
11B_Ant1_2437



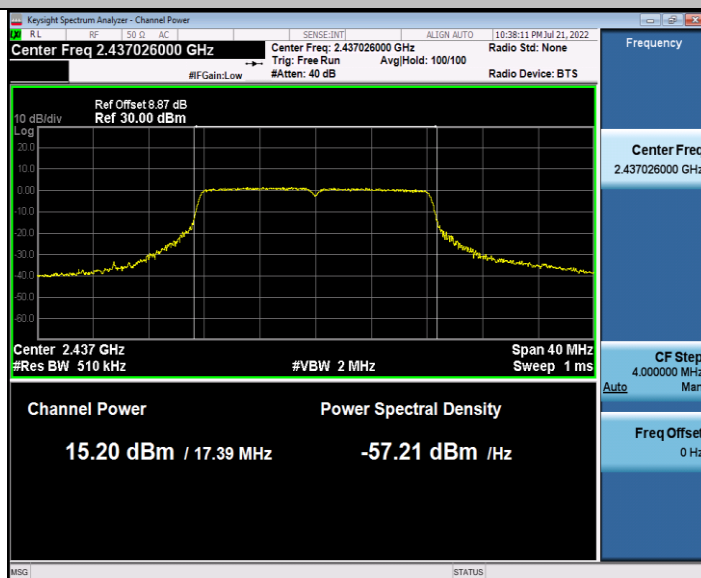
11B_Ant1_2462



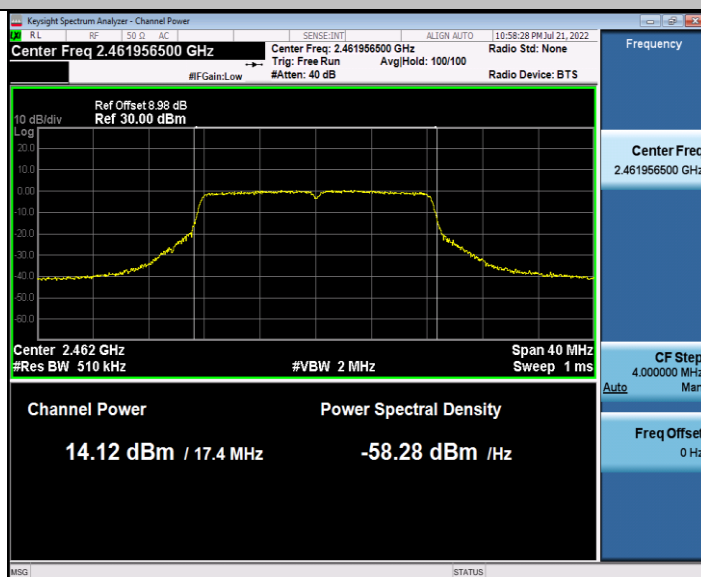
11G_Ant1_2412



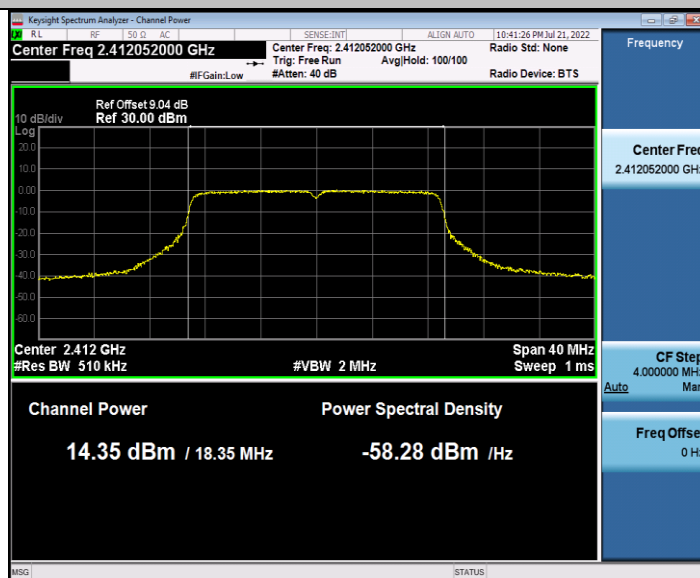
11G_Ant1_2437



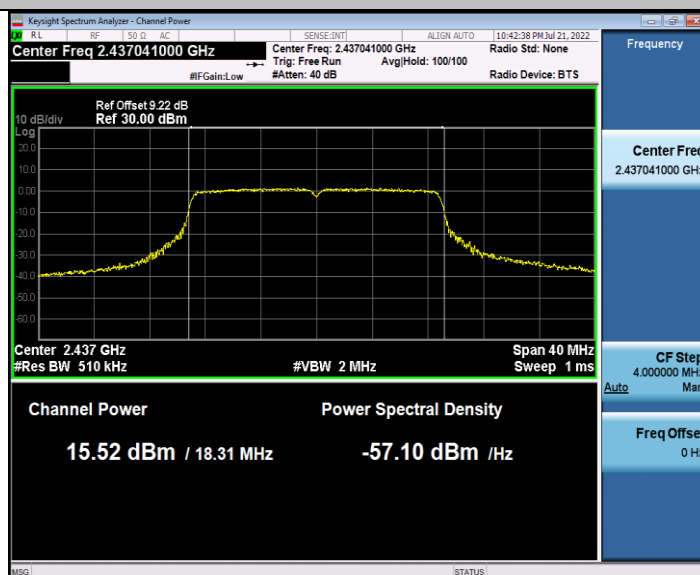
11G_Ant1_2462



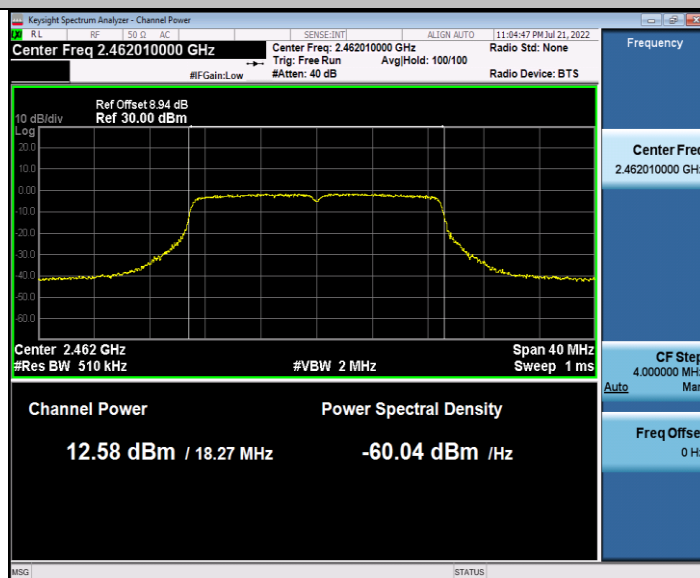
11N20SISO_Ant1_2412



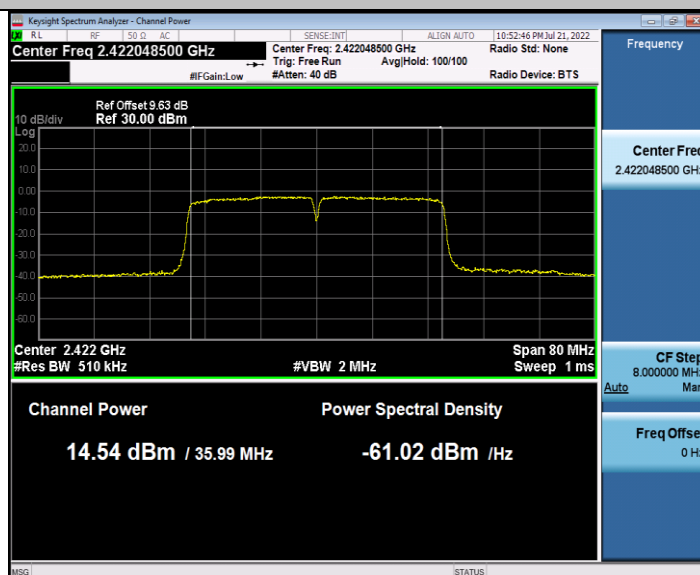
11N20SISO_Ant1_2437



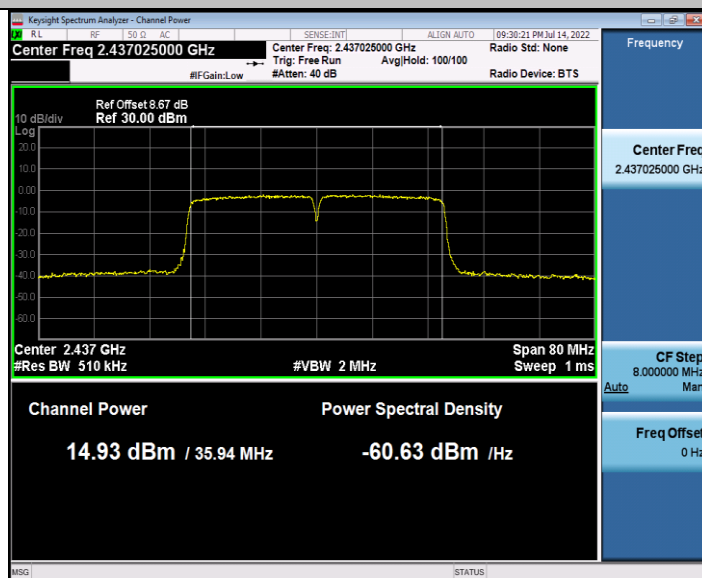
11N20SISO_Ant1_2462



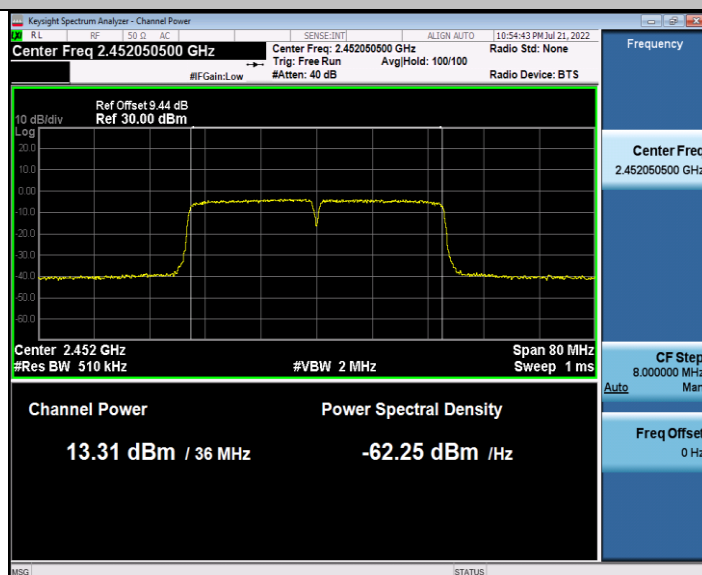
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



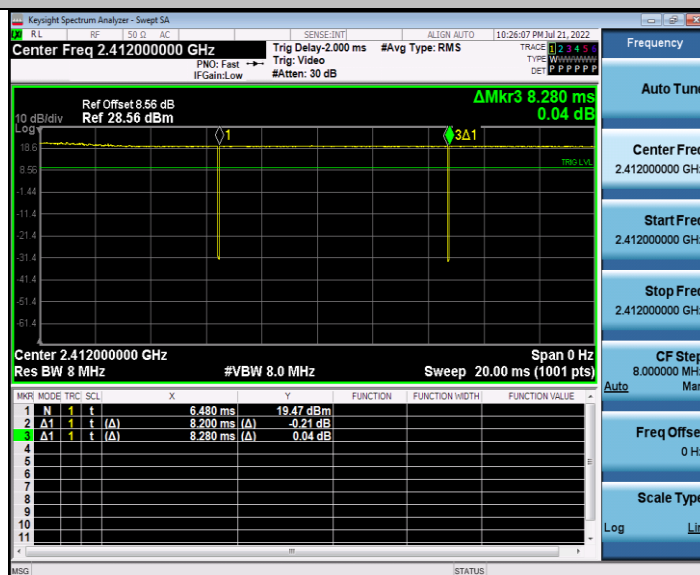
Appendix D: Duty Cycle

Test Result

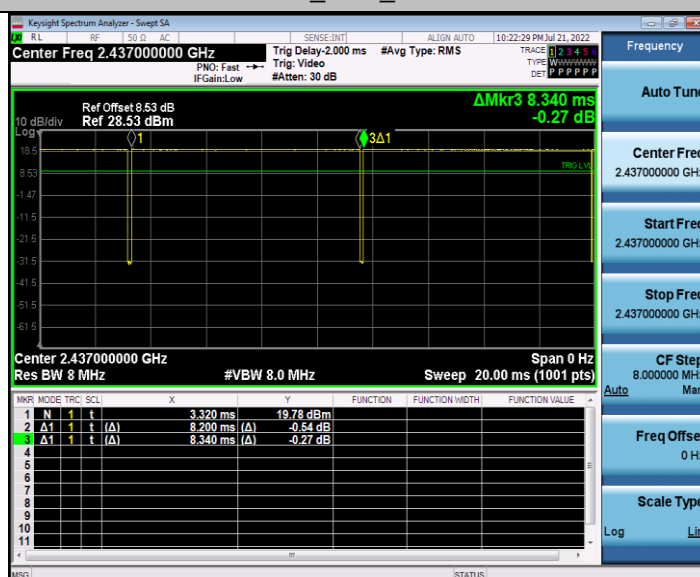
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.20	8.28	99.03	---	---
		2437	8.20	8.34	98.32	---	---
		2462	8.20	8.24	99.51	---	---
11G	Ant1	2412	1.36	1.49	91.28	---	---
		2437	1.36	1.47	92.52	---	---
		2462	1.36	1.50	90.67	---	---
11N20SISO	Ant1	2412	1.27	1.42	89.44	---	---
		2437	1.27	1.49	85.23	---	---
		2462	1.27	1.39	91.37	---	---
11N40SISO	Ant1	2422	0.63	0.80	78.75	---	---
		2437	0.63	0.80	78.75	---	---
		2452	0.63	0.80	78.75	---	---

Test Graphs

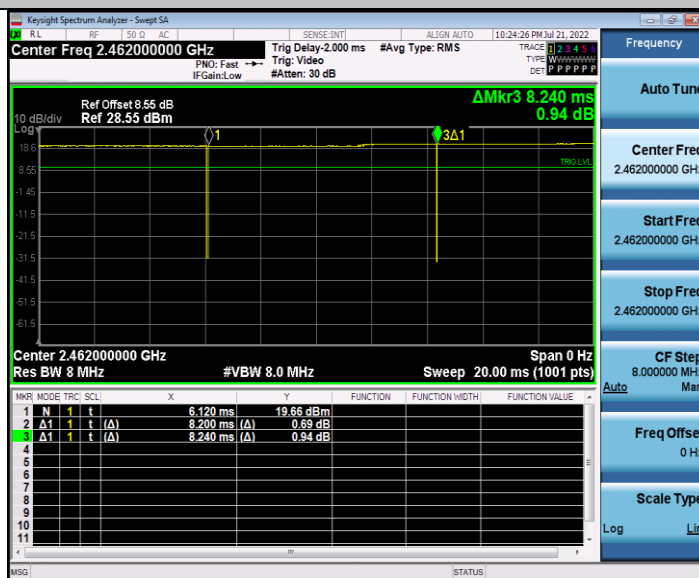
11B_Ant1_2412



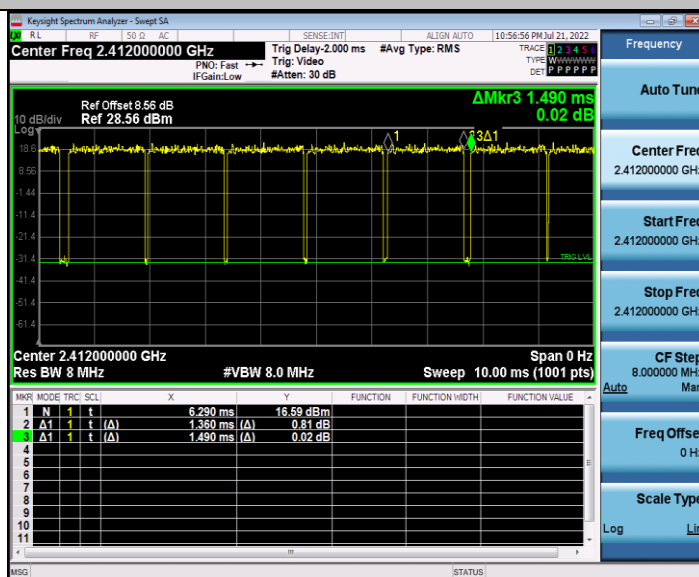
11B_Ant1_2437



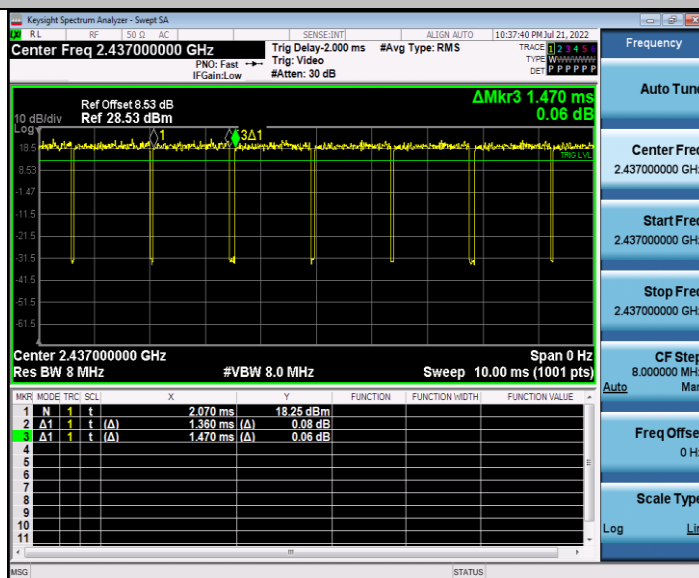
11B_Ant1_2462



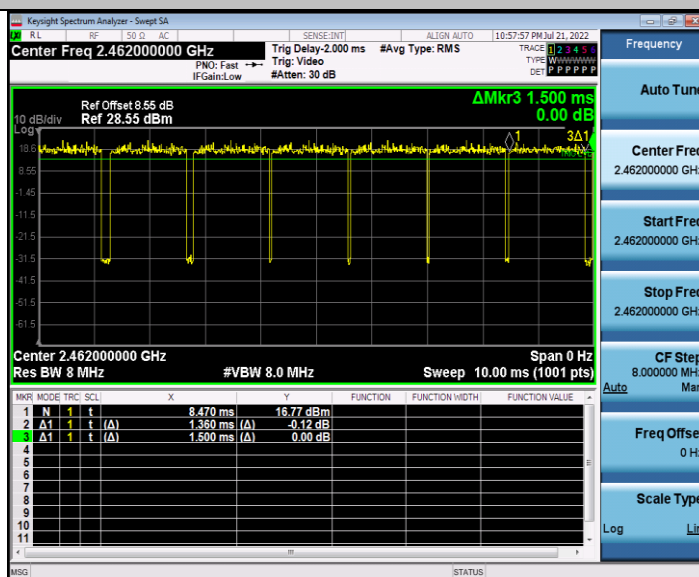
11G_Ant1_2412



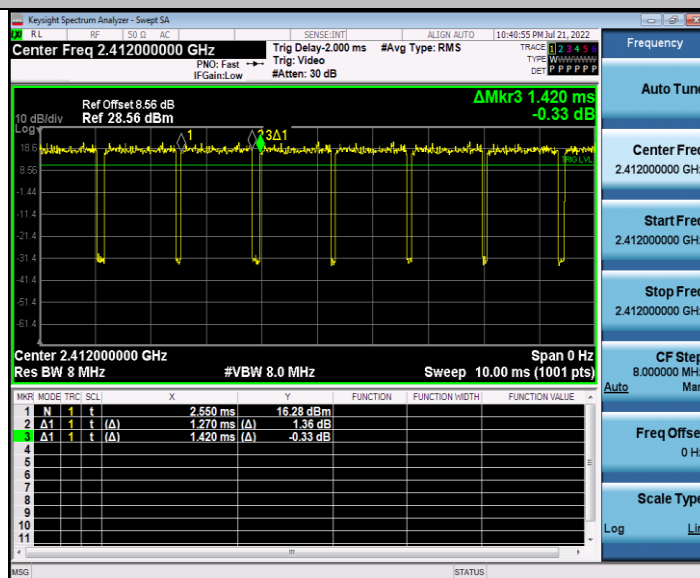
11G_Ant1_2437



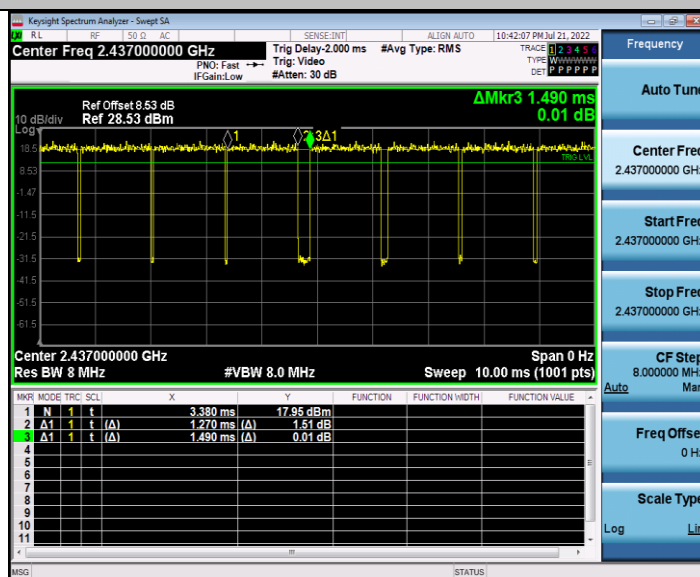
11G_Ant1_2462



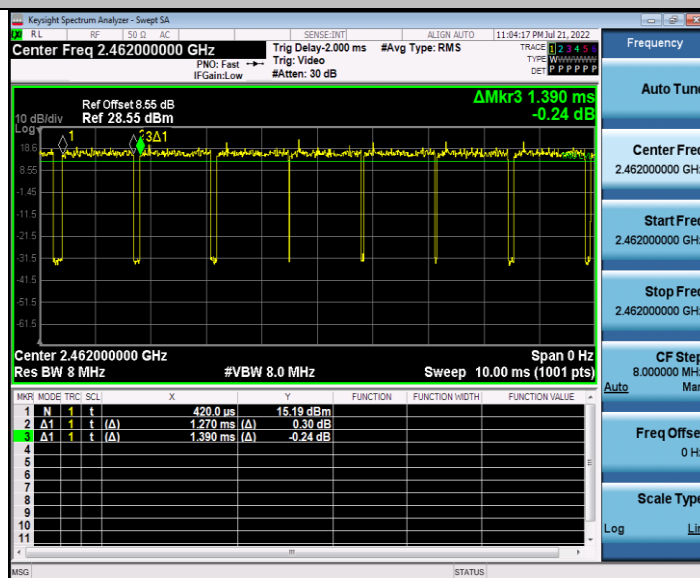
11N20SISO_Ant1_2412



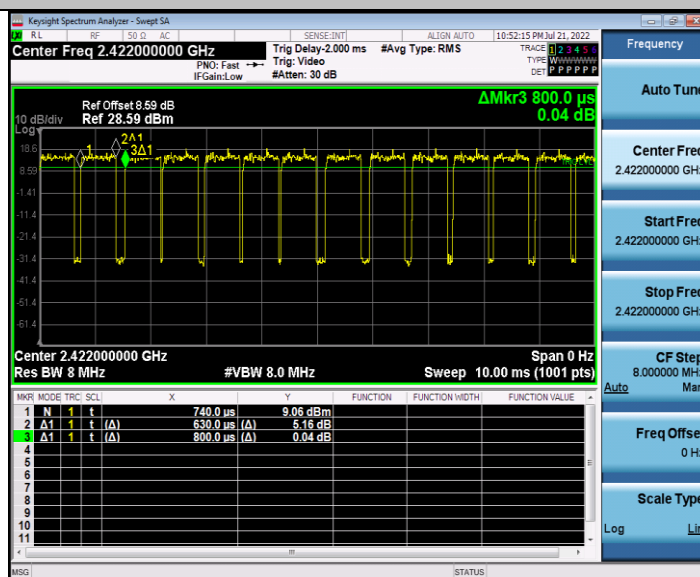
11N20SISO_Ant1_2437



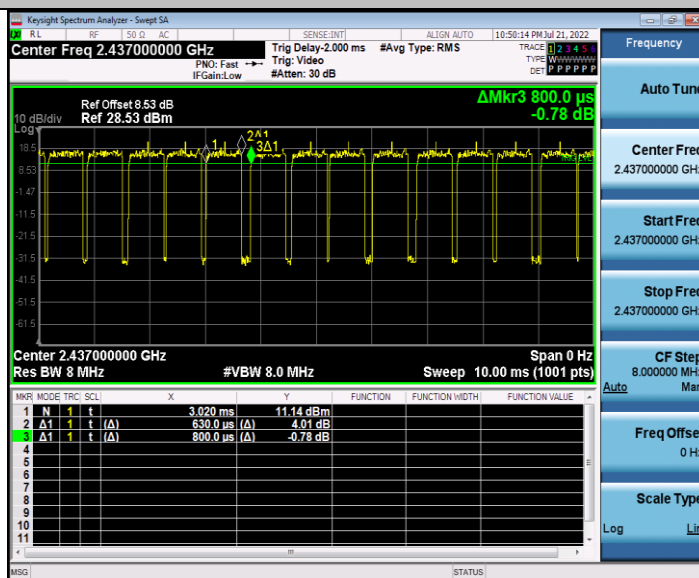
11N20SISO_Ant1_2462



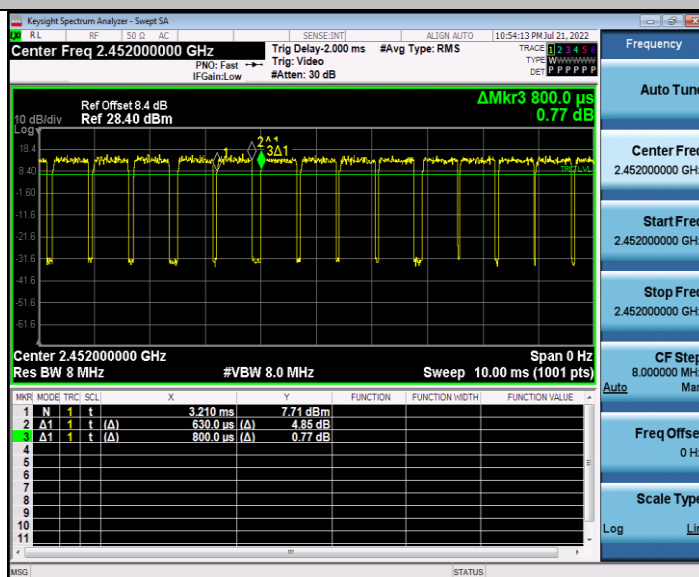
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix E: Maximum power spectral density

Test Result

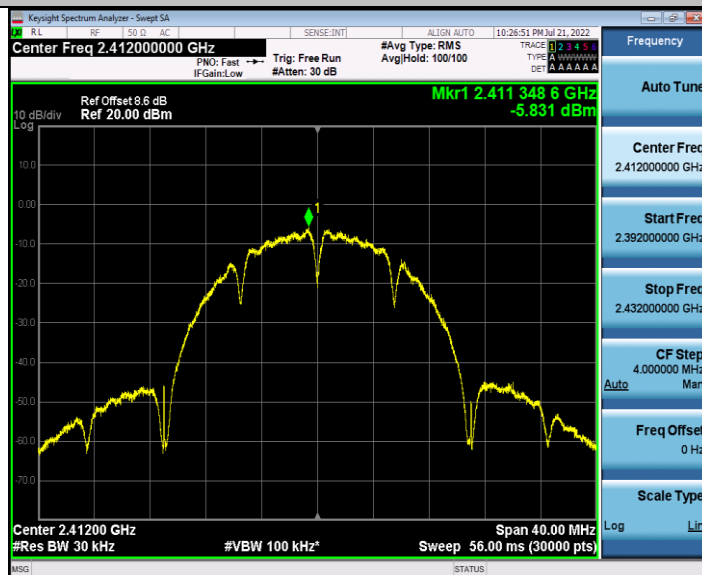
TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	99.03	-	-5.83	-15.83	≤8	PASS
		2437	98.32	-	-5.51	-15.51	≤8	PASS
		2462	99.51	-	-5.55	-15.55	≤8	PASS
11G	Ant1	2412	91.28	0.40	-9.76	-19.76	≤8	PASS
		2437	92.52	0.34	-9.09	-19.09	≤8	PASS
		2462	90.67	0.43	-10.95	-20.95	≤8	PASS
11N20SISO	Ant1	2412	89.44	0.48	-10.05	-20.05	≤8	PASS
		2437	85.23	0.69	-8.81	-18.81	≤8	PASS
		2462	91.37	0.39	-11.59	-21.59	≤8	PASS
11N40SISO	Ant1	2422	78.75	1.04	-12.35	-22.35	≤8	PASS
		2437	78.75	1.04	-11.94	-21.94	≤8	PASS
		2452	78.75	1.04	-13.77	-23.77	≤8	PASS

Result[dBm/3kHz]= Result[dBm/30kHz]-10*log10(30/3)

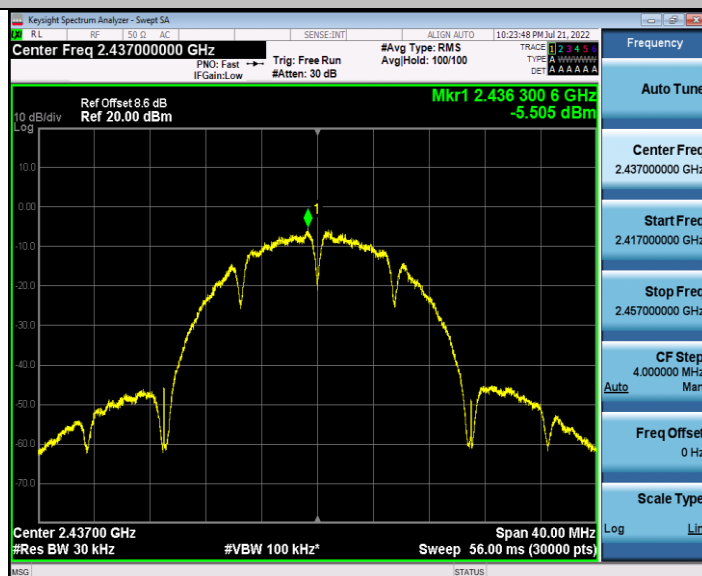
Note : The Duty Cycle Factor is compensated in the graph.

Test Graphs

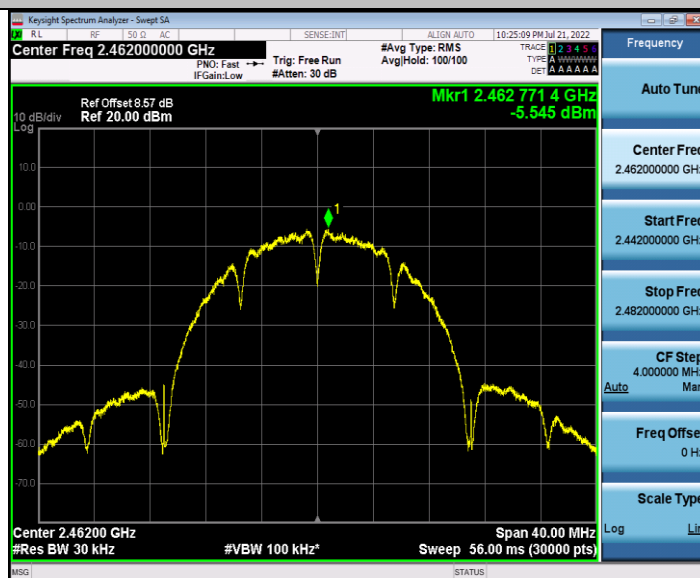
11B_Ant1_2412



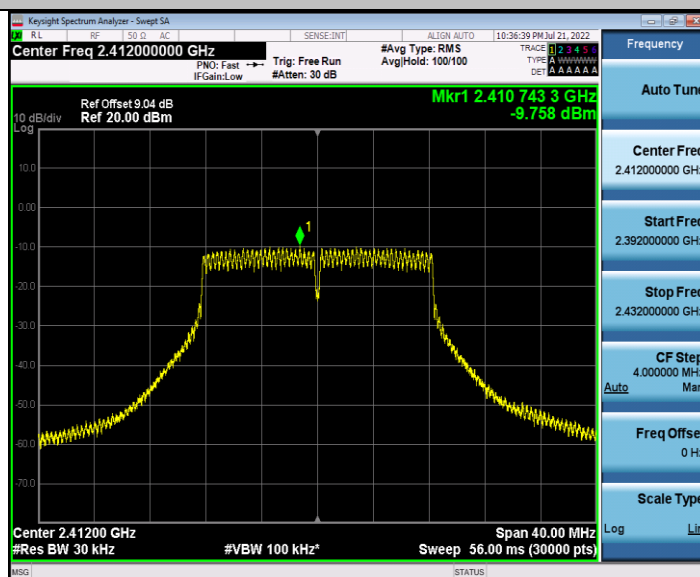
11B_Ant1_2437



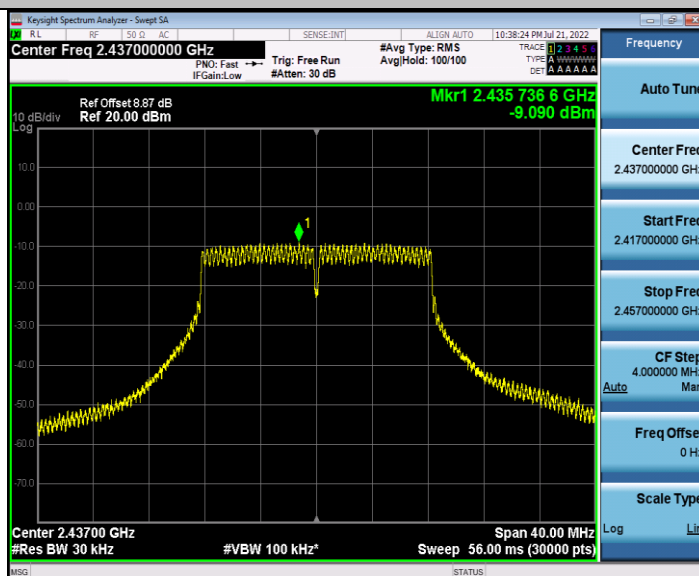
11B_Ant1_2462



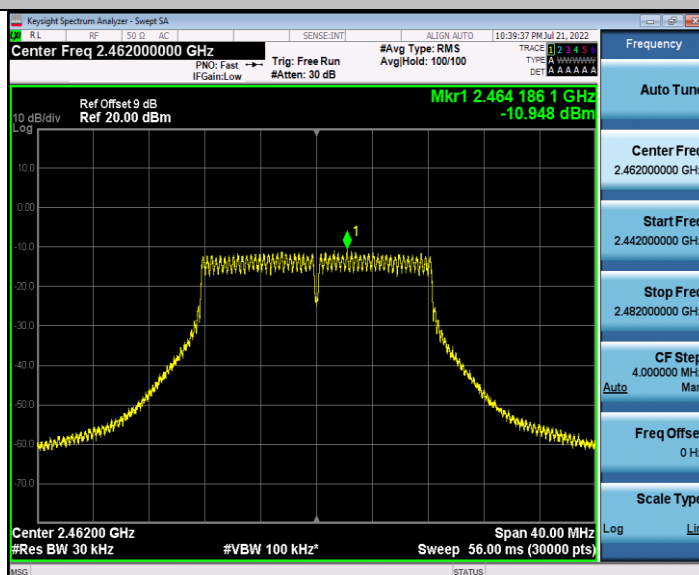
11G_Ant1_2412



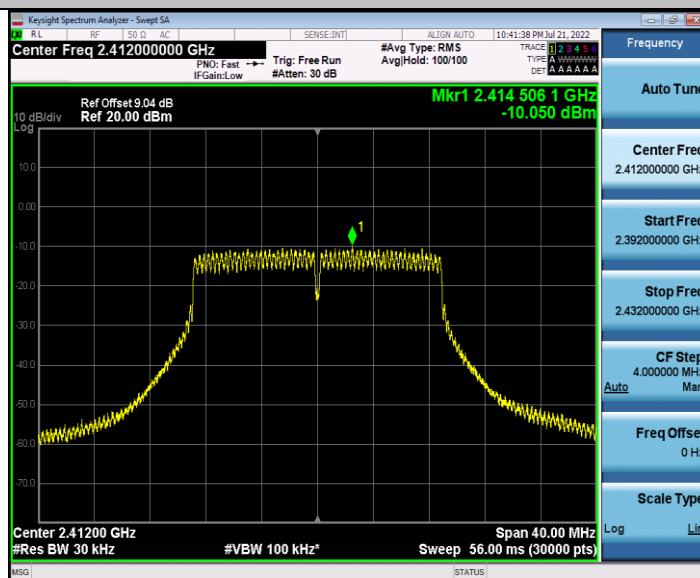
11G_Ant1_2437



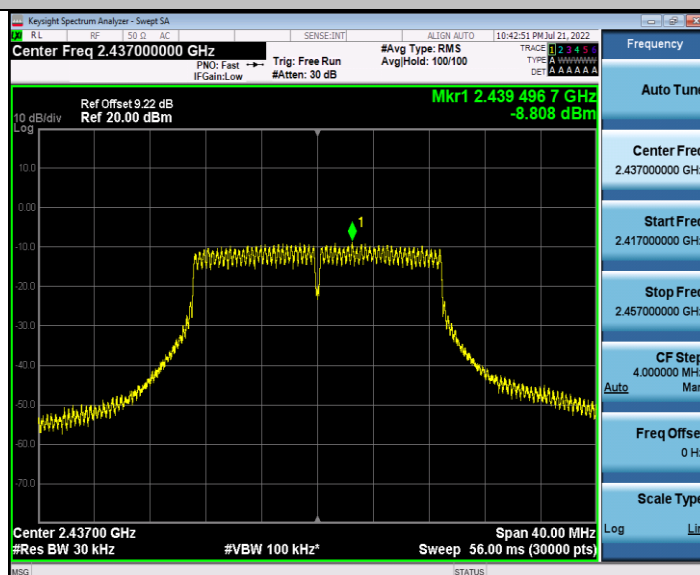
11G_Ant1_2462



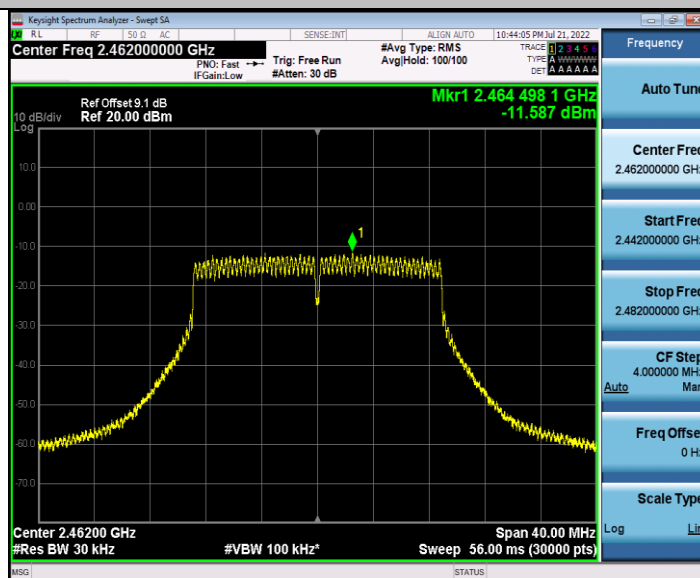
11N20SISO_Ant1_2412



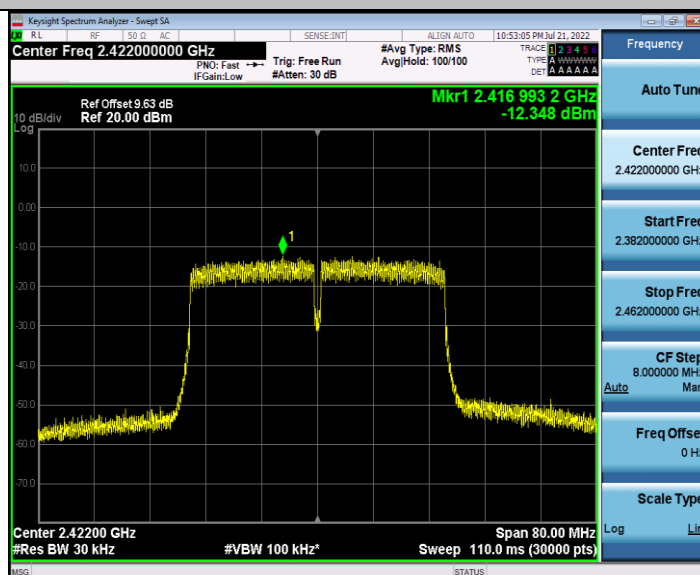
11N20SISO_Ant1_2437



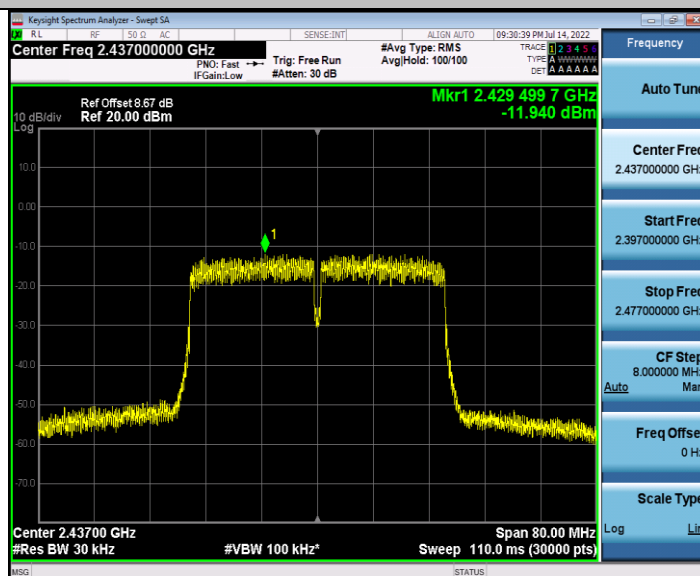
11N20SISO_Ant1_2462



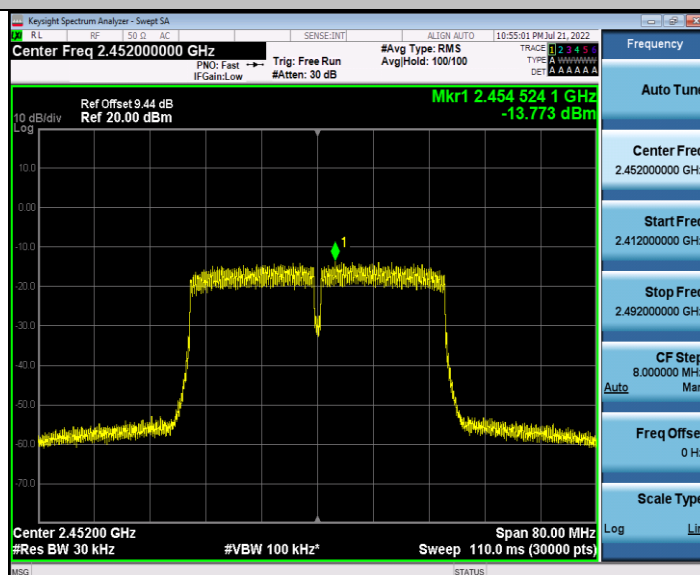
11N40SISO Ant1 2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



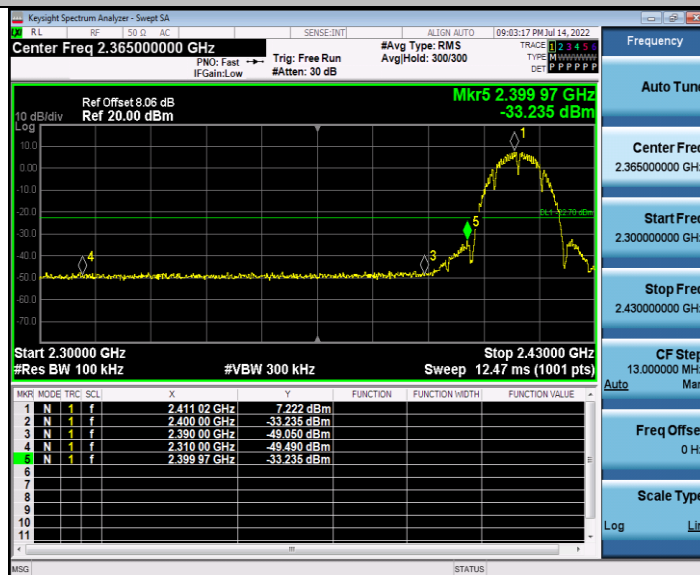
Appendix F: Band edge measurements

Test Result

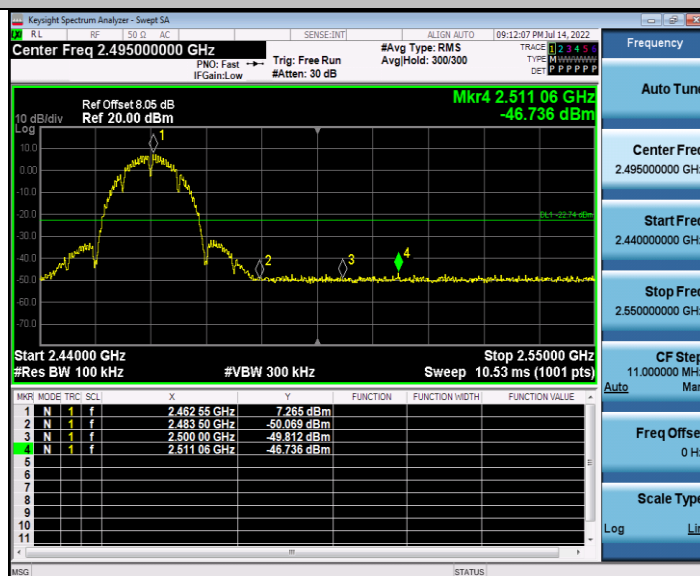
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.22	-33.24	≤ -22.78	PASS
		High	2462	7.27	-46.74	≤ -22.74	PASS
11G	Ant1	Low	2412	4.37	-31.18	≤ -25.63	PASS
		High	2462	3.87	-41.13	≤ -26.13	PASS
11N20SISO	Ant1	Low	2412	4.71	-29.27	≤ -25.29	PASS
		High	2462	3.53	-40.37	≤ -26.47	PASS
11N40SISO	Ant1	Low	2422	1.67	-33.13	≤ -28.34	PASS
		High	2452	1.00	-37.19	≤ -29	PASS

Test Graphs

11B_Ant1_Low_2412



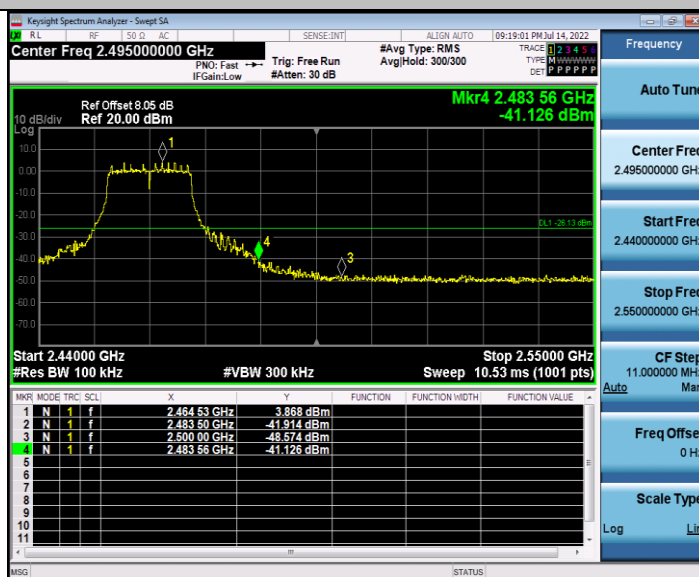
11B_Ant1_High_2462



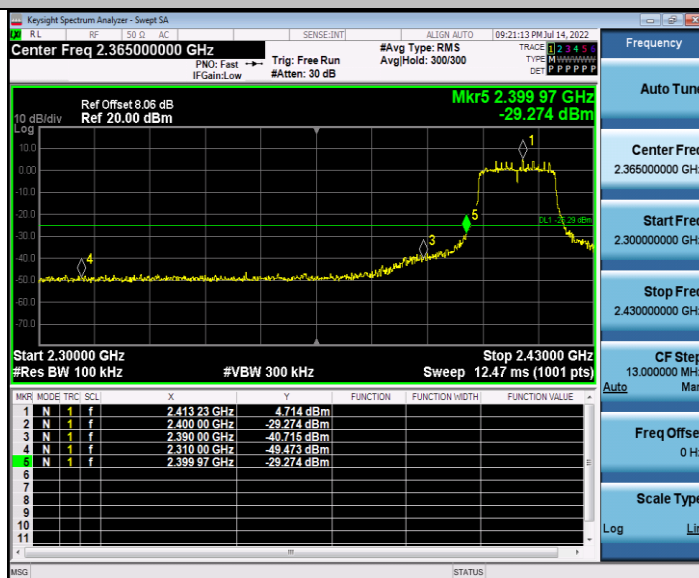
11G_Ant1_Low_2412



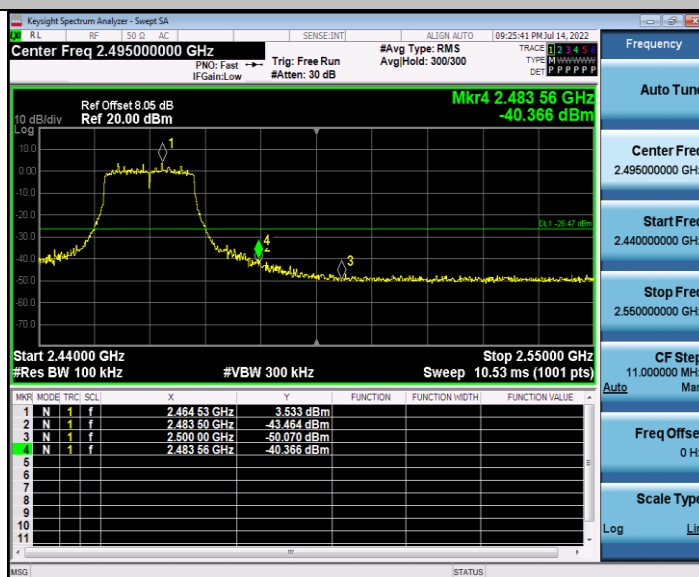
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



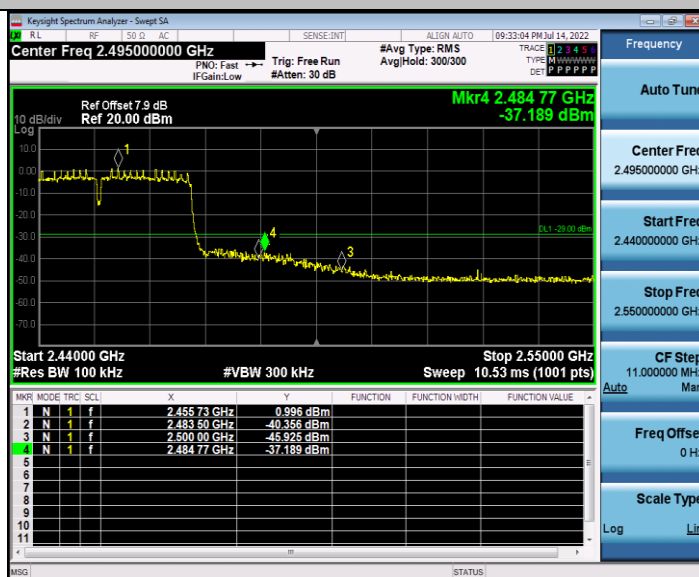
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.38	5.38	---	PASS
			30~1000	5.38	-57.95	≤ -24.62	PASS
			1000~26500	5.38	-37.36	≤ -24.62	PASS
		2437	Reference	5.90	5.90	---	PASS
			30~1000	5.90	-58.02	≤ -24.1	PASS
			1000~26500	5.90	-38.21	≤ -24.1	PASS
		2462	Reference	5.39	5.39	---	PASS
			30~1000	5.39	-57.82	≤ -24.61	PASS
			1000~26500	5.39	-38.92	≤ -24.61	PASS
11G	Ant1	2412	Reference	1.17	1.17	---	PASS
			30~1000	1.17	-57.25	≤ -28.83	PASS
			1000~26500	1.17	-38.97	≤ -28.83	PASS
		2437	Reference	0.70	0.70	---	PASS
			30~1000	0.70	-57.83	≤ -29.3	PASS
			1000~26500	0.70	-38.14	≤ -29.3	PASS
		2462	Reference	1.28	1.28	---	PASS
			30~1000	1.28	-57.5	≤ -28.72	PASS
			1000~26500	1.28	-38.43	≤ -28.72	PASS
11N20SISO	Ant1	2412	Reference	1.81	1.81	---	PASS
			30~1000	1.81	-58.14	≤ -28.19	PASS
			1000~26500	1.81	-38.29	≤ -28.19	PASS
		2437	Reference	2.76	2.76	---	PASS
			30~1000	2.76	-57.26	≤ -27.24	PASS
			1000~26500	2.76	-38.11	≤ -27.24	PASS
		2462	Reference	0.05	0.05	---	PASS
			30~1000	0.05	-58.05	≤ -29.95	PASS
			1000~26500	0.05	-38.06	≤ -29.95	PASS
11N40SISO	Ant1	2422	Reference	1.01	1.01	---	PASS
			30~1000	1.01	-52.58	≤ -28.99	PASS
			1000~26500	1.01	-38.41	≤ -28.99	PASS

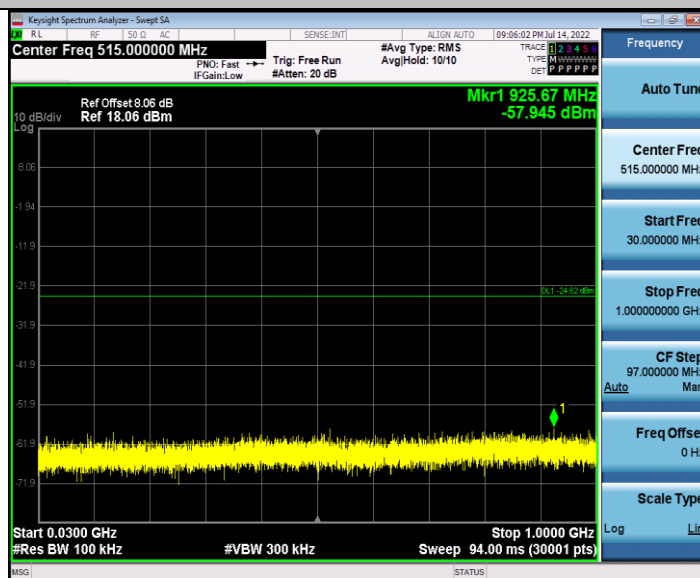
		2437	Reference	-0.02	-0.02	---	PASS
			30~1000	-0.02	-54.82	≤ -30.02	PASS
			1000~26500	-0.02	-38.38	≤ -30.02	PASS
		2452	Reference	0.73	0.73	---	PASS
			30~1000	0.73	-55.85	≤ -29.27	PASS
			1000~26500	0.73	-38.01	≤ -29.27	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



11B_Ant1_2412_1000-26500



11B_Ant1_2437_0-Reference

