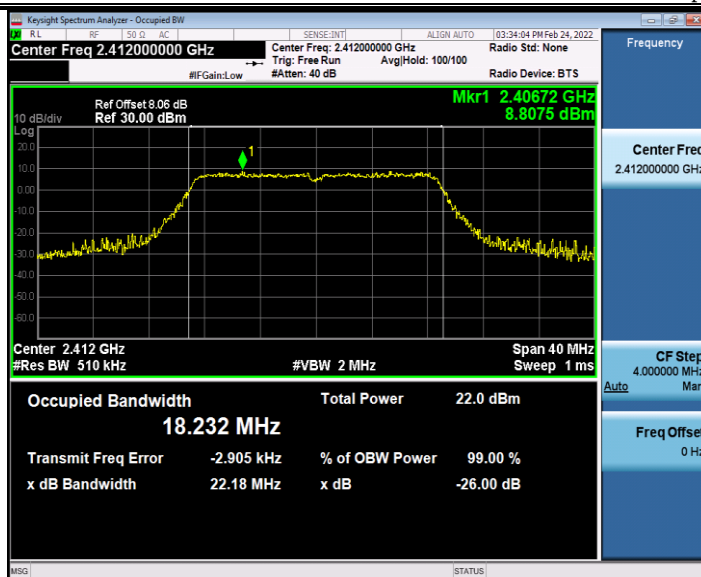
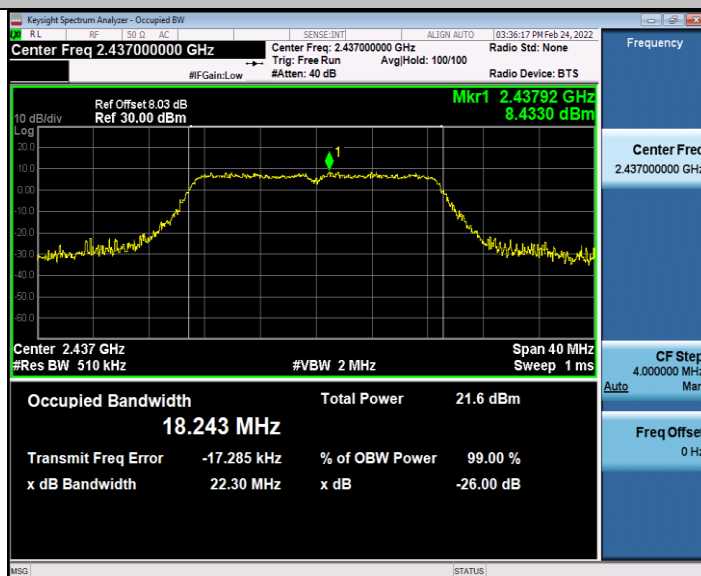
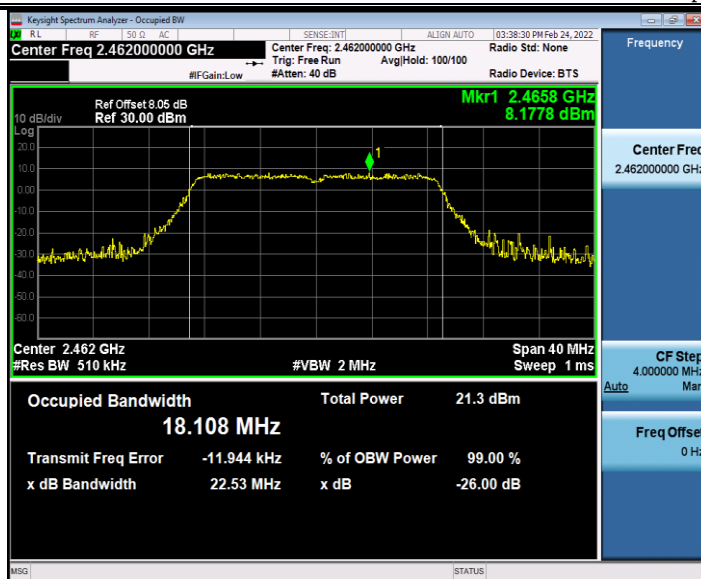




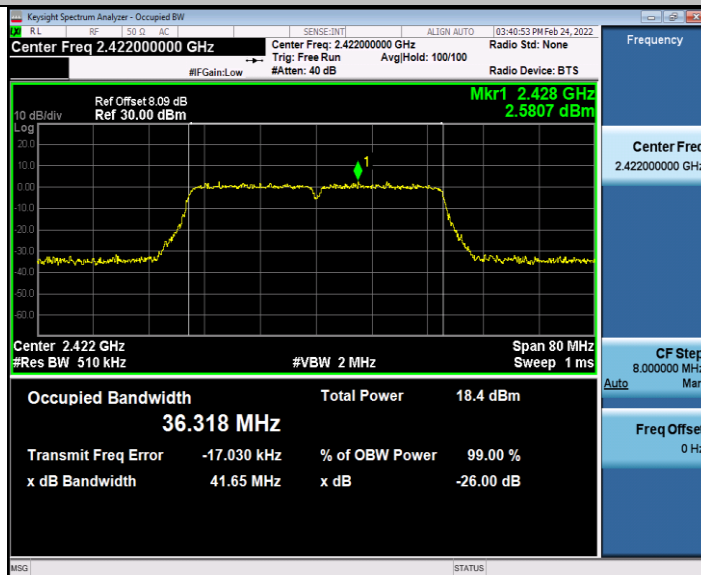
11N20SISO_Ant1_2437



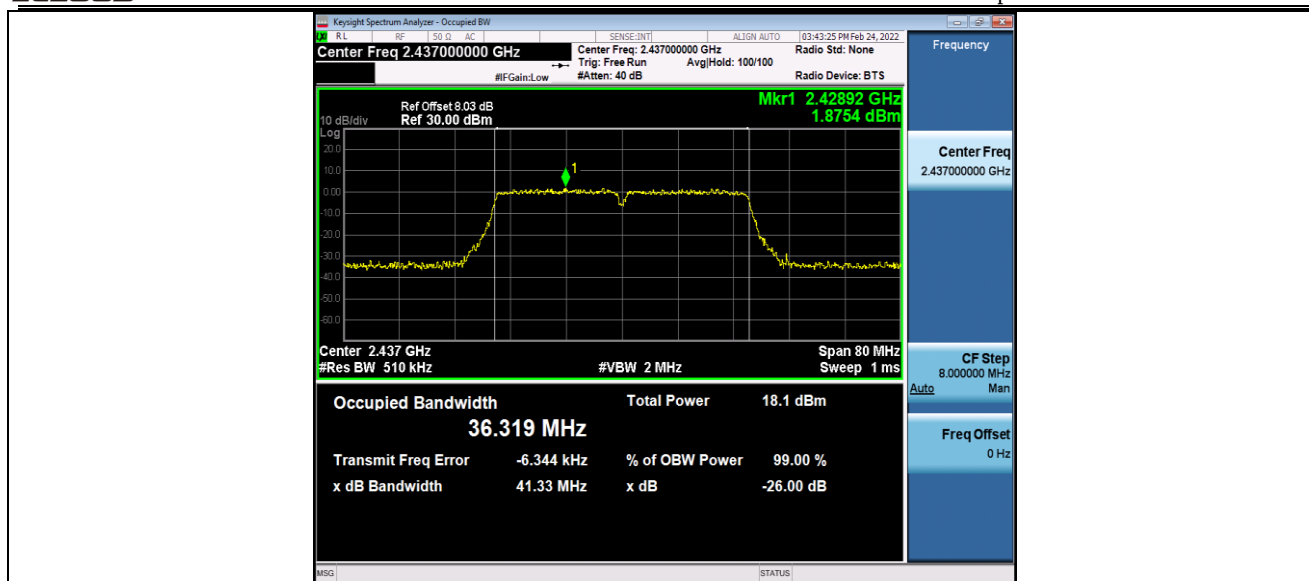
11N20SISO_Ant1_2462



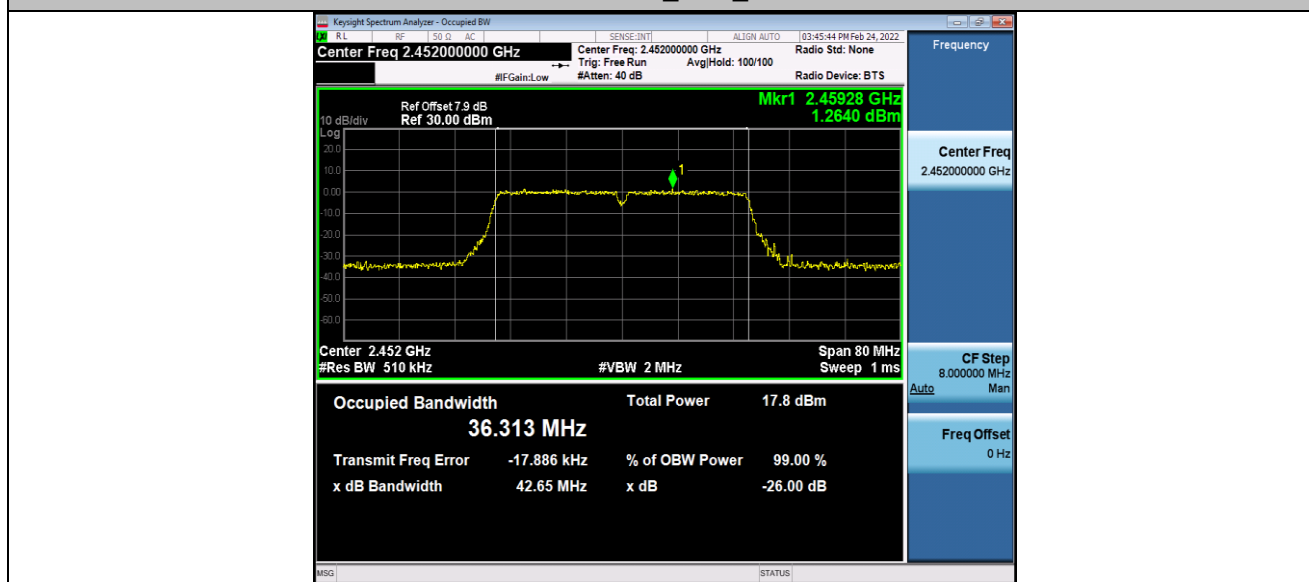
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



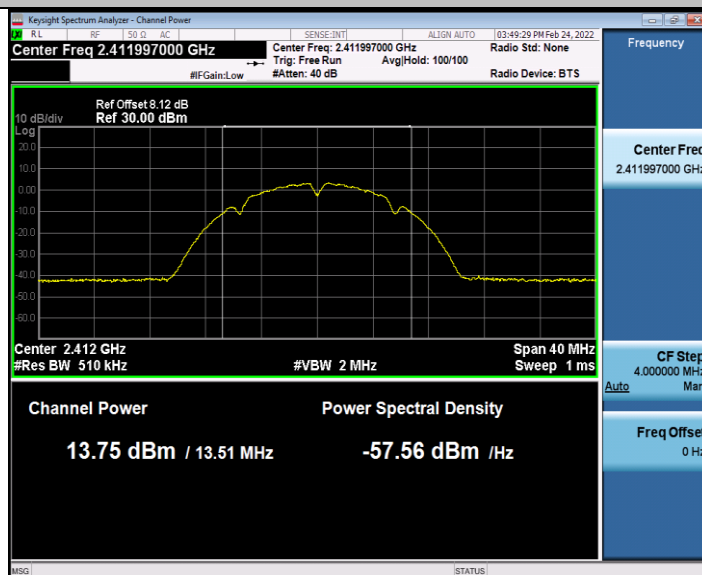
Appendix C: Maximum conducted output power & E.I.R.P.

Test Result

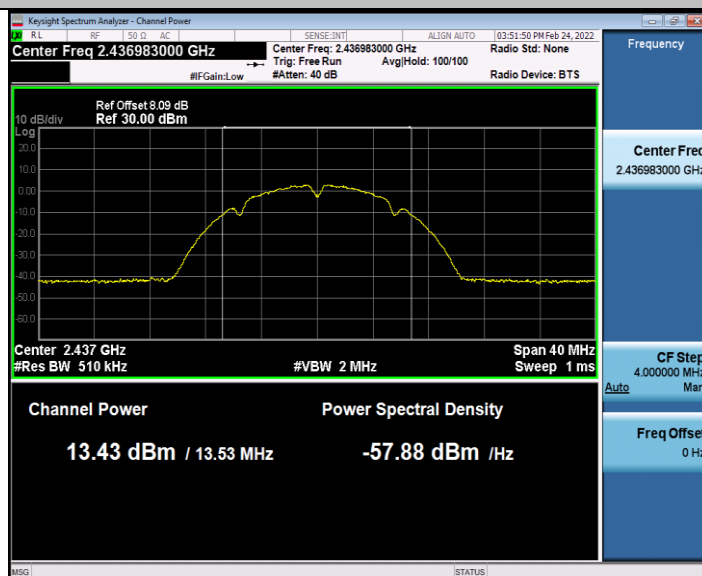
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Antenna Gain(dBi)	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	13.75	<=30	2	15.75	36.02	PASS
		2437	13.43	<=30	2	15.43	36.02	PASS
		2462	14.22	<=30	2	16.22	36.02	PASS
11G	Ant1	2412	14.66	<=30	2	16.66	36.02	PASS
		2437	14.27	<=30	2	16.27	36.02	PASS
		2462	14.03	<=30	2	16.03	36.02	PASS
11N20SISO	Ant1	2412	15.87	<=30	2	17.87	36.02	PASS
		2437	15.63	<=30	2	17.63	36.02	PASS
		2462	15.27	<=30	2	17.27	36.02	PASS
11N40SISO	Ant1	2422	12.54	<=30	2	14.54	36.02	PASS
		2437	12.3	<=30	2	14.3	36.02	PASS
		2452	12.01	<=30	2	14.01	36.02	PASS

Test Graphs

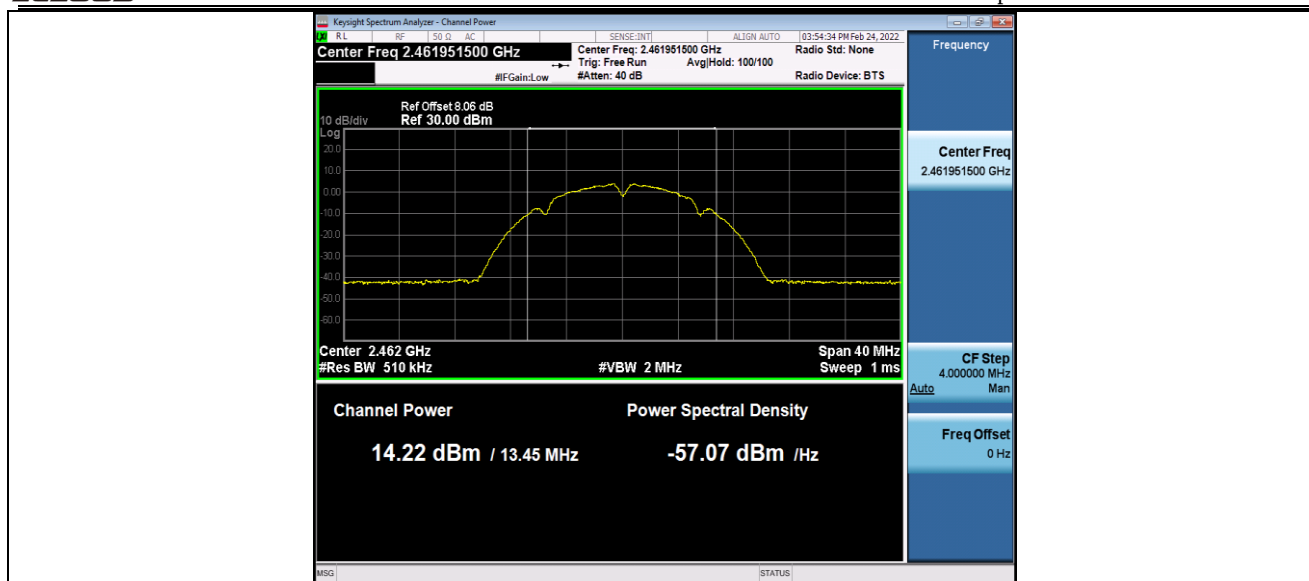
11B_Ant1_2412



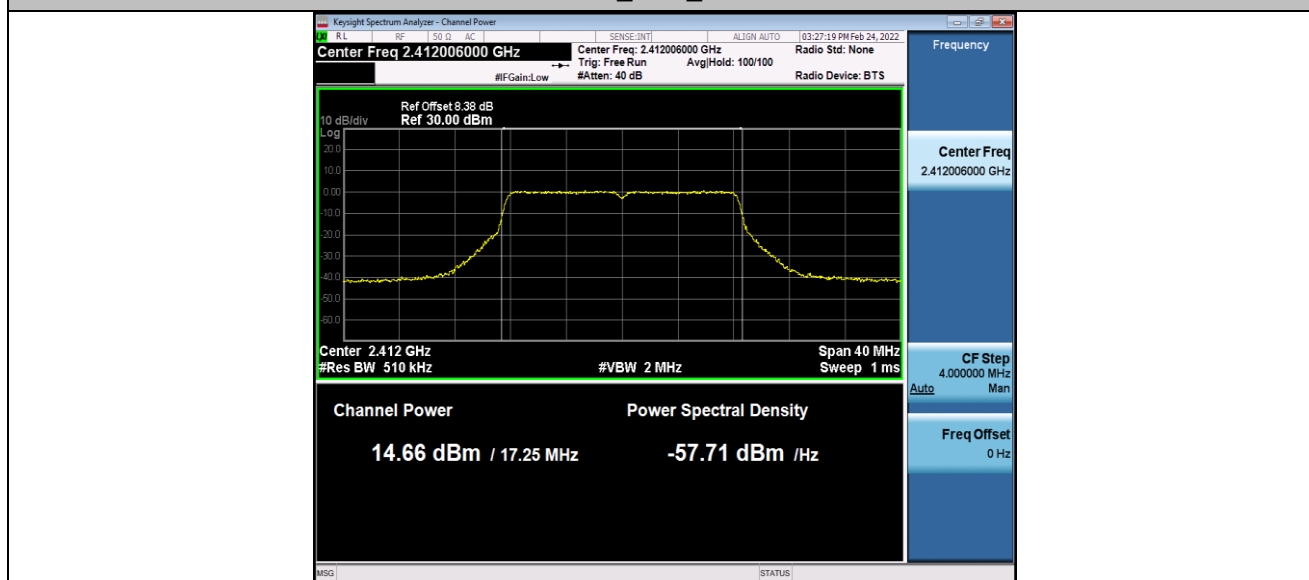
11B_Ant1_2437



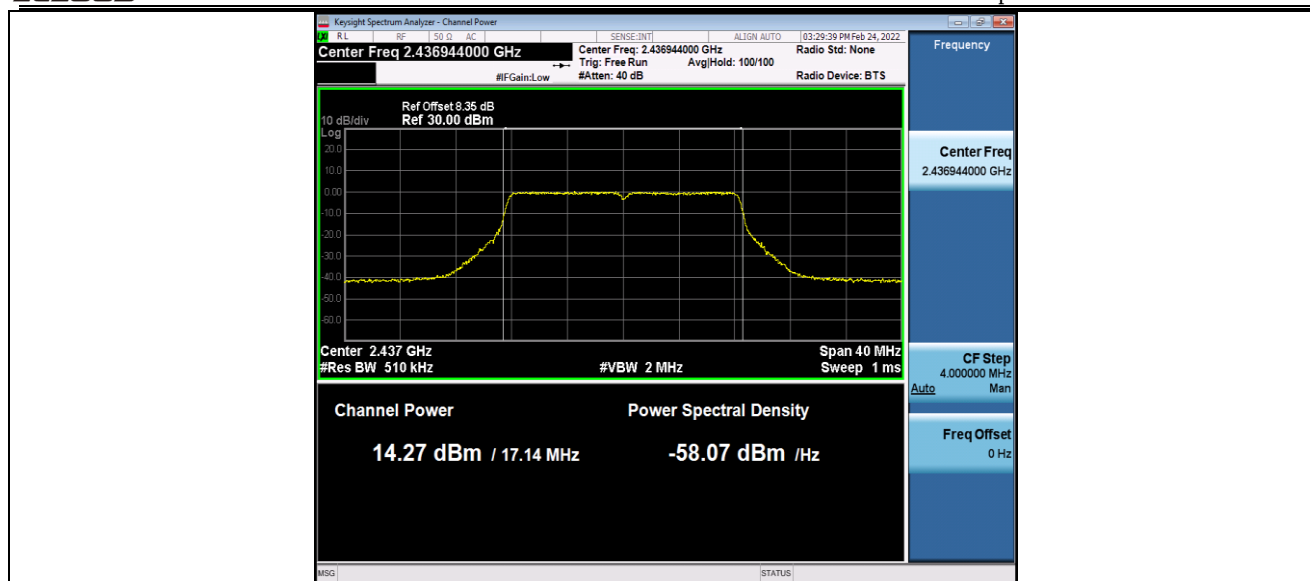
11B_Ant1_2462



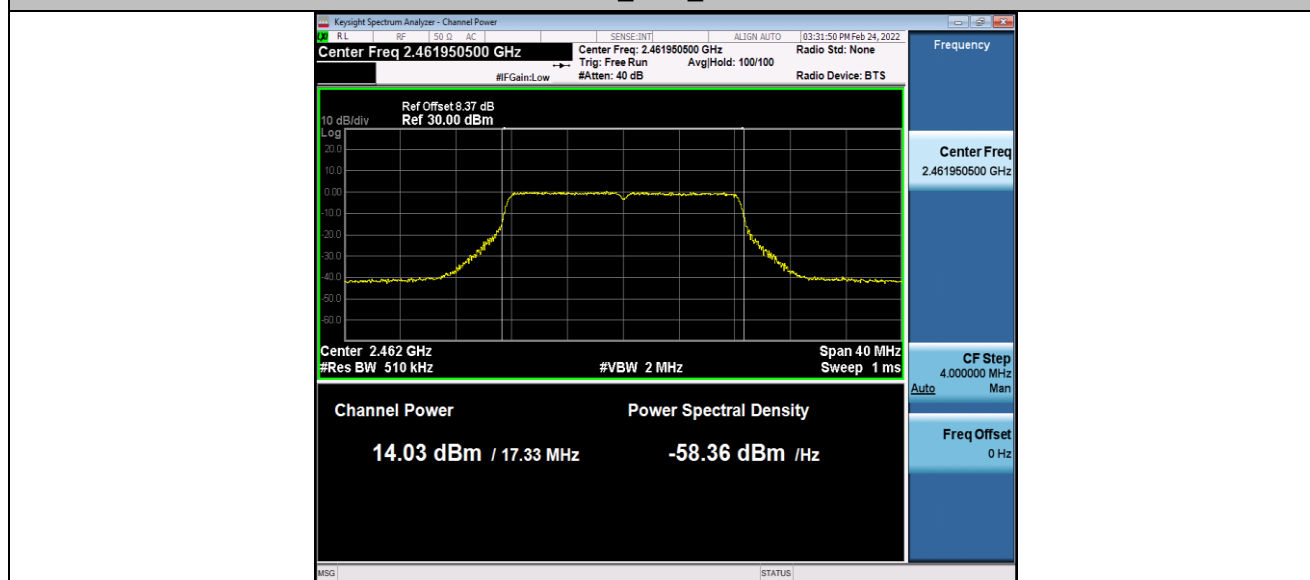
11G_Ant1_2412



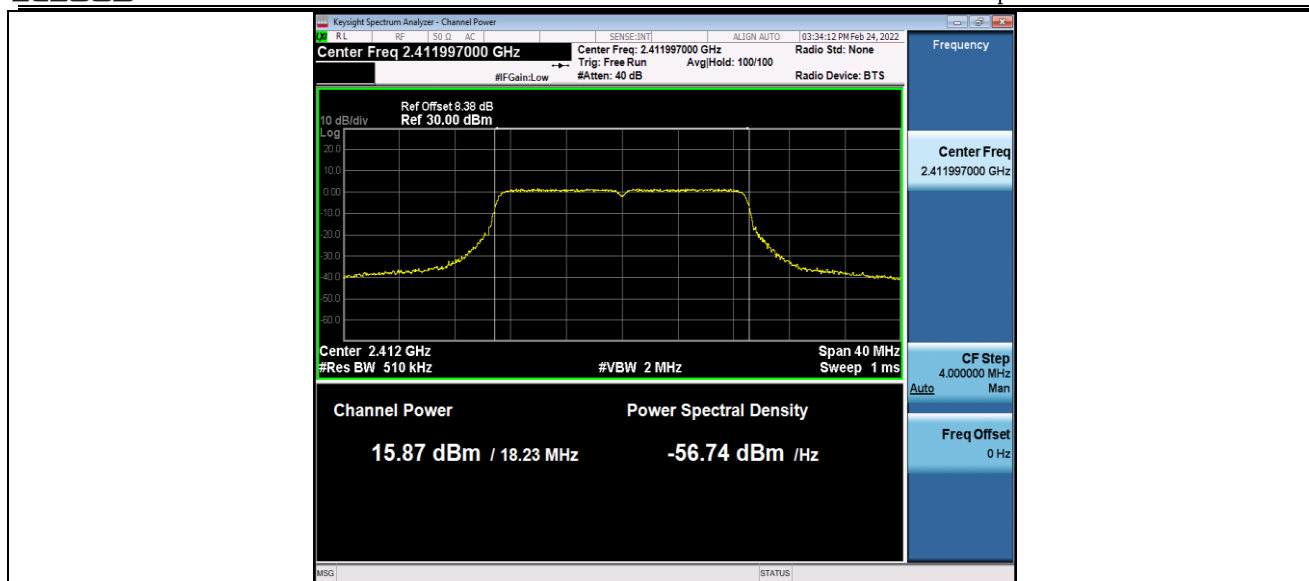
11G_Ant1_2437



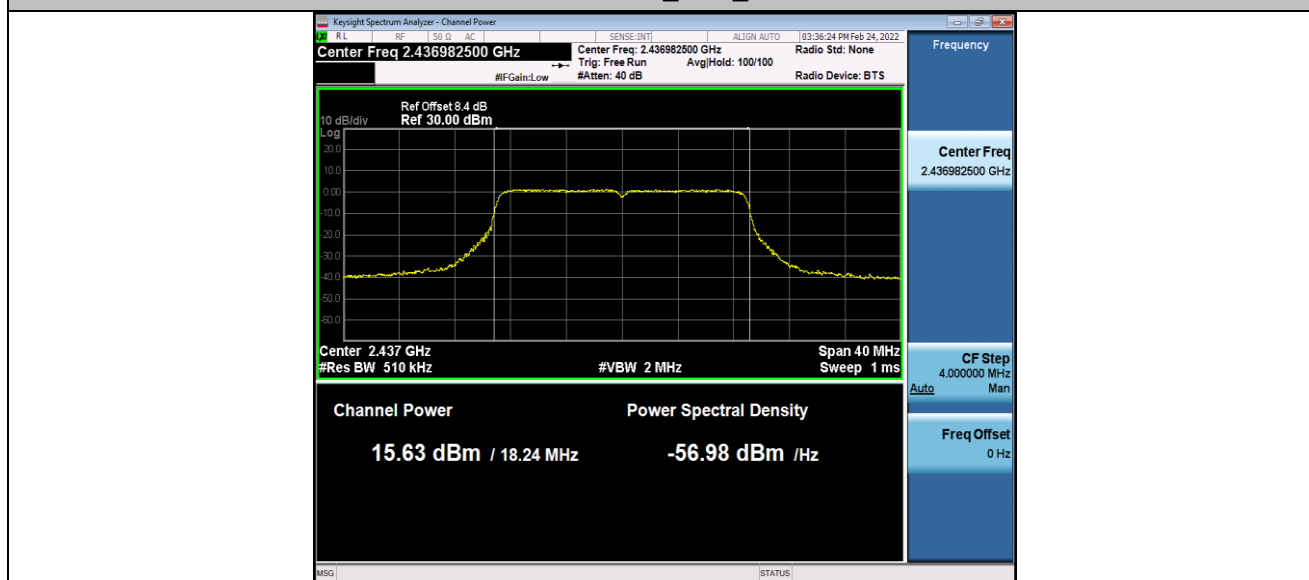
11G_Ant1_2462



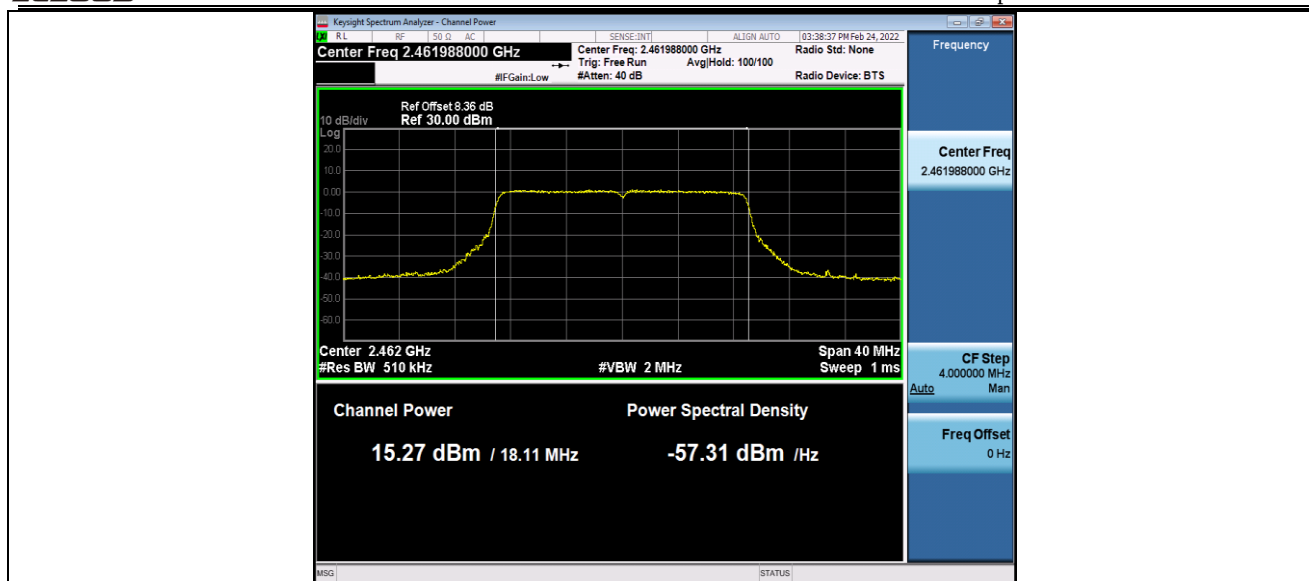
11N20SISO_Ant1_2412



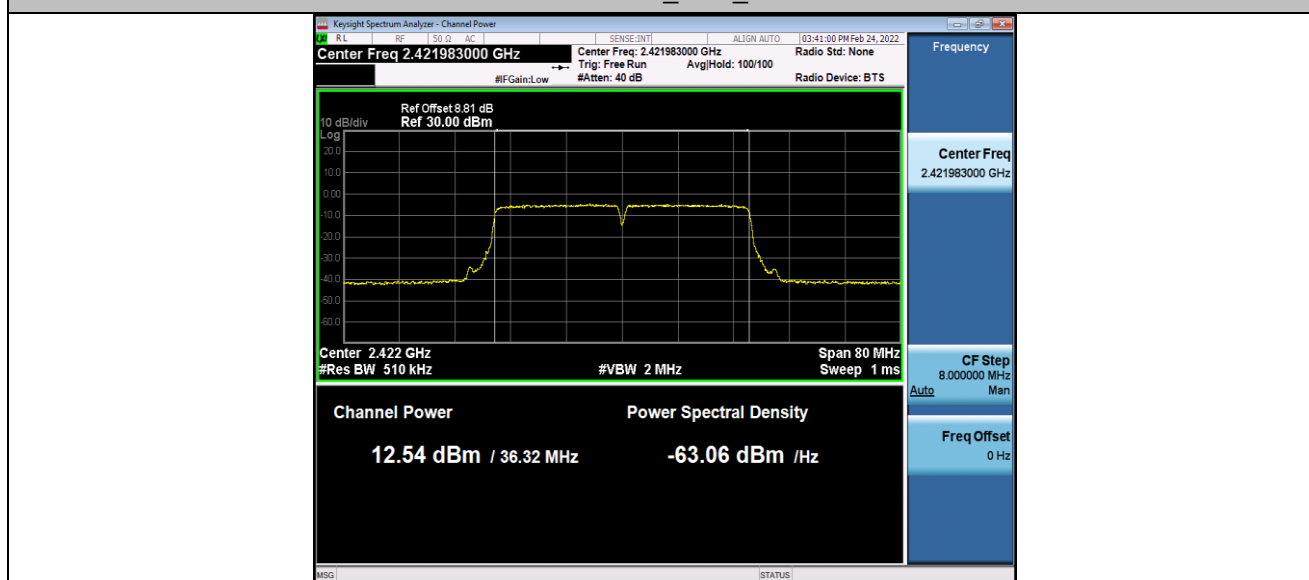
11N20SISO_Ant1_2437



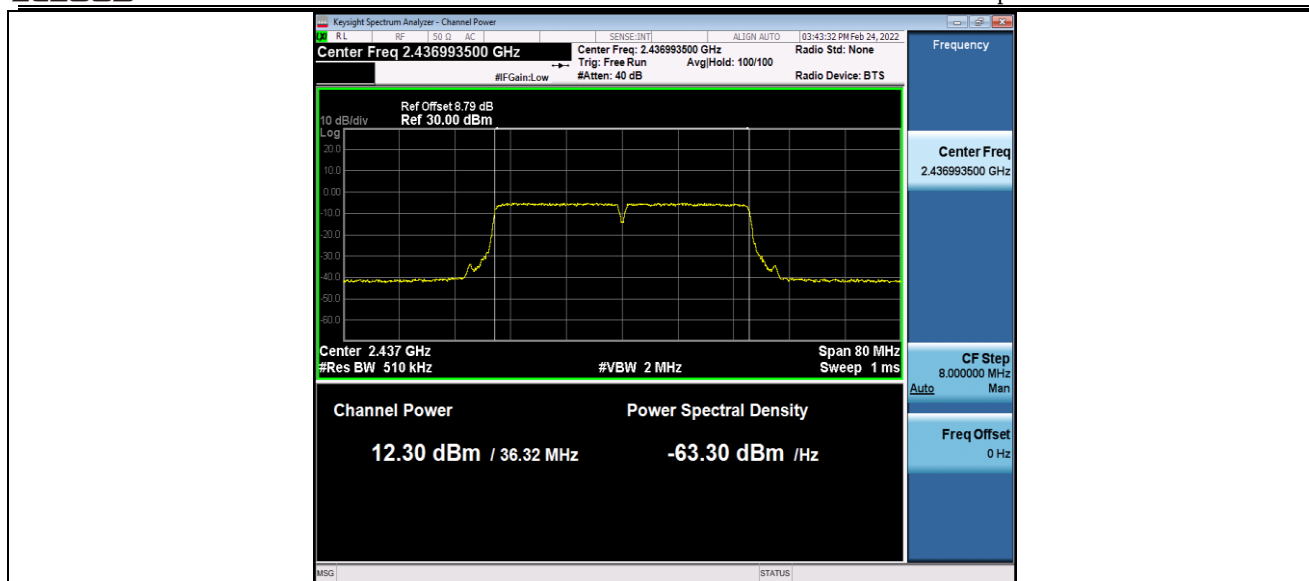
11N20SISO_Ant1_2462



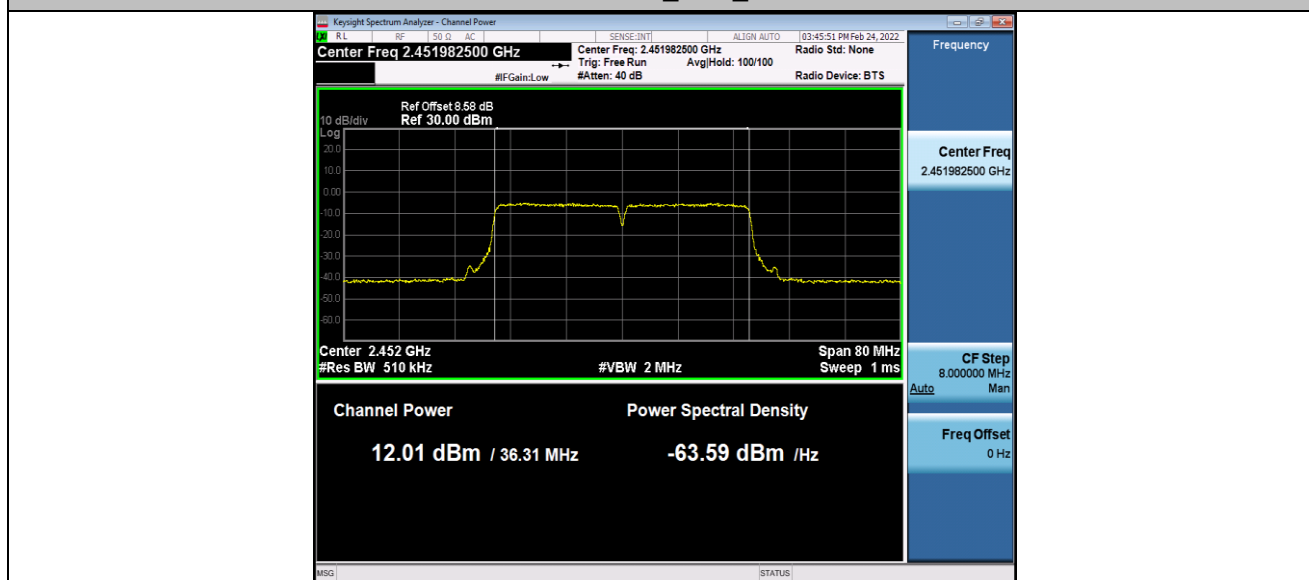
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



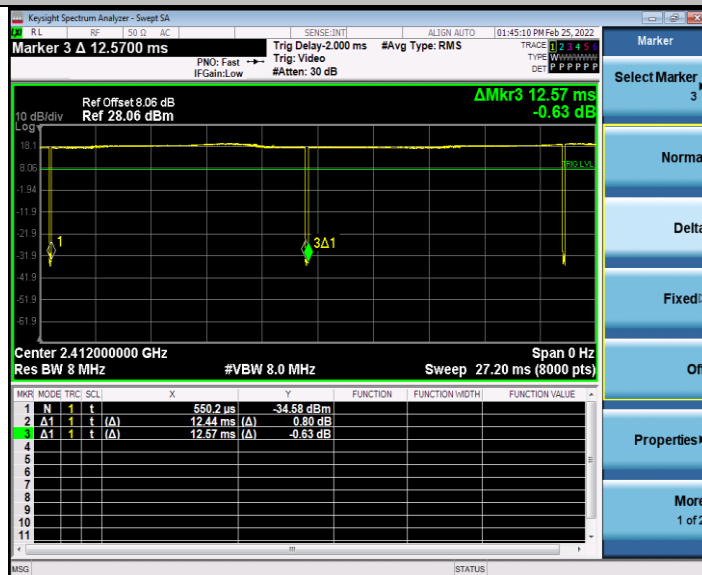
Appendix D: Duty Cycle

Test Result

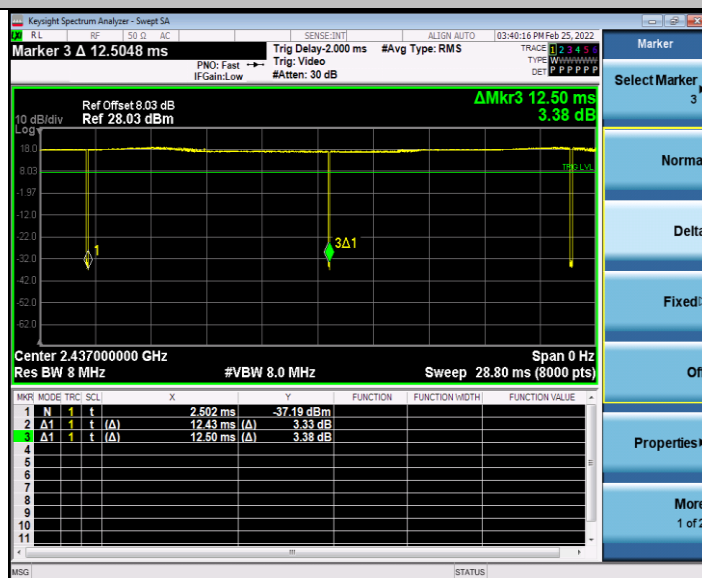
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	12.44	12.57	98.97	---	PASS
		2437	12.43	12.50	99.44	---	PASS
		2462	12.47	12.58	99.13	---	PASS
11G	Ant1	2412	2.07	2.17	95.39	---	PASS
		2437	2.09	2.17	96.31	---	PASS
		2462	2.08	2.18	95.41	---	PASS
11N20SISO	Ant1	2412	1.93	2.07	93.24	---	PASS
		2437	1.93	2.03	95.07	---	PASS
		2462	1.93	1.98	97.47	---	PASS
11N40SISO	Ant1	2422	0.96	1.05	91.43	---	PASS
		2437	0.97	1.02	95.10	---	PASS
		2452	0.95	1.04	91.35	---	PASS

Test Graphs

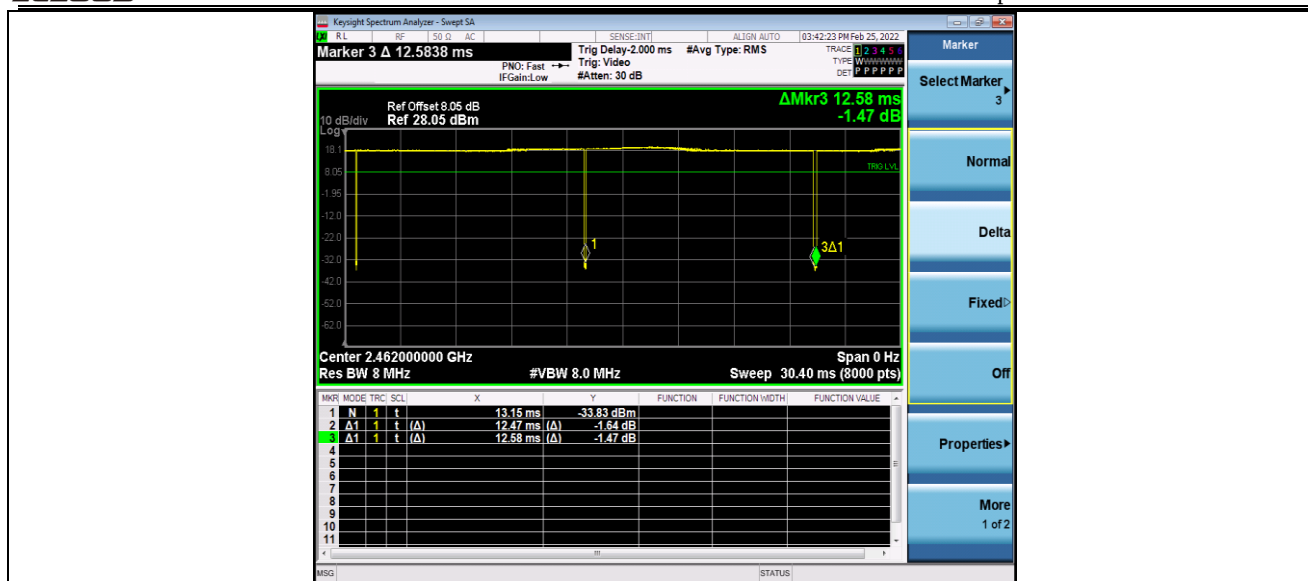
11B_Ant1_2412



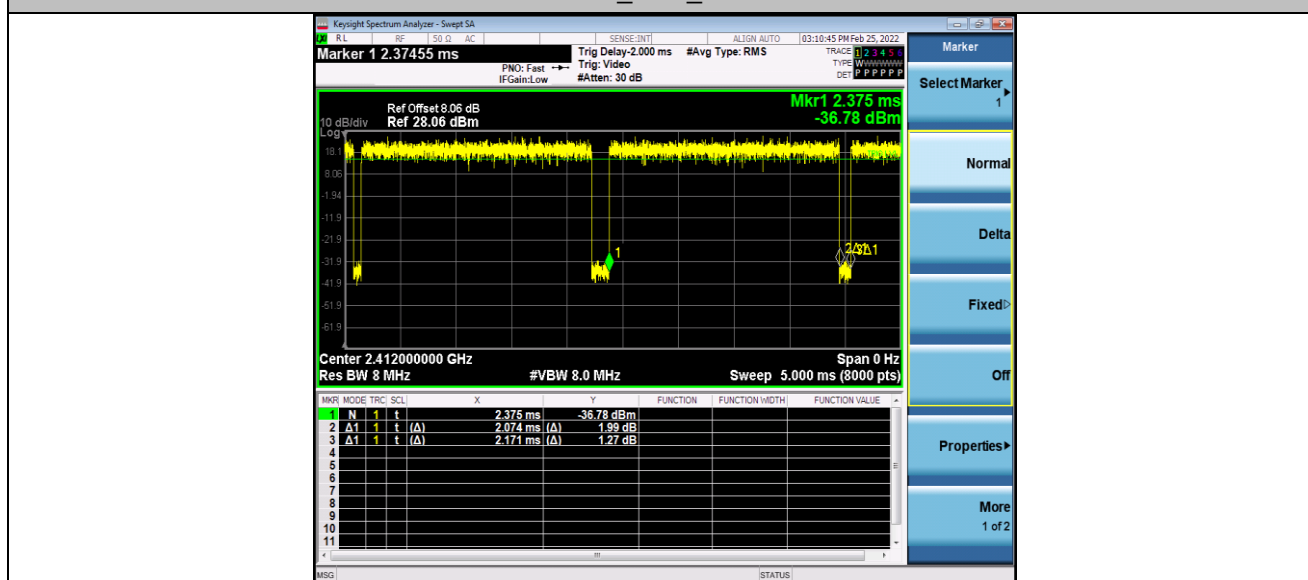
11B_Ant1_2437



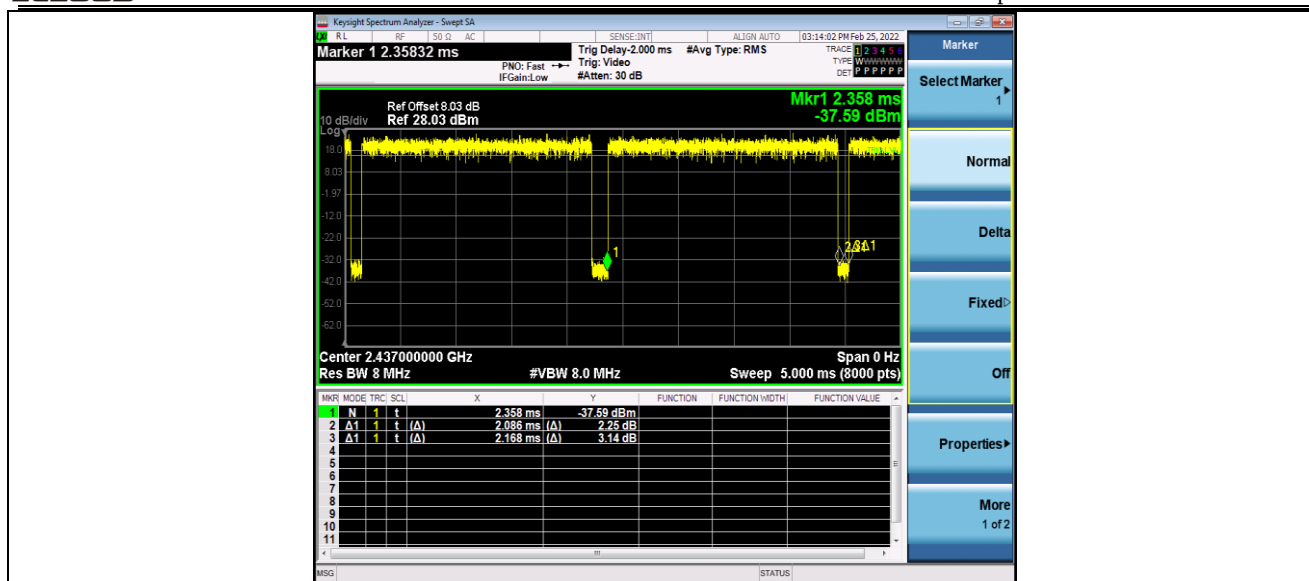
11B_Ant1_2462



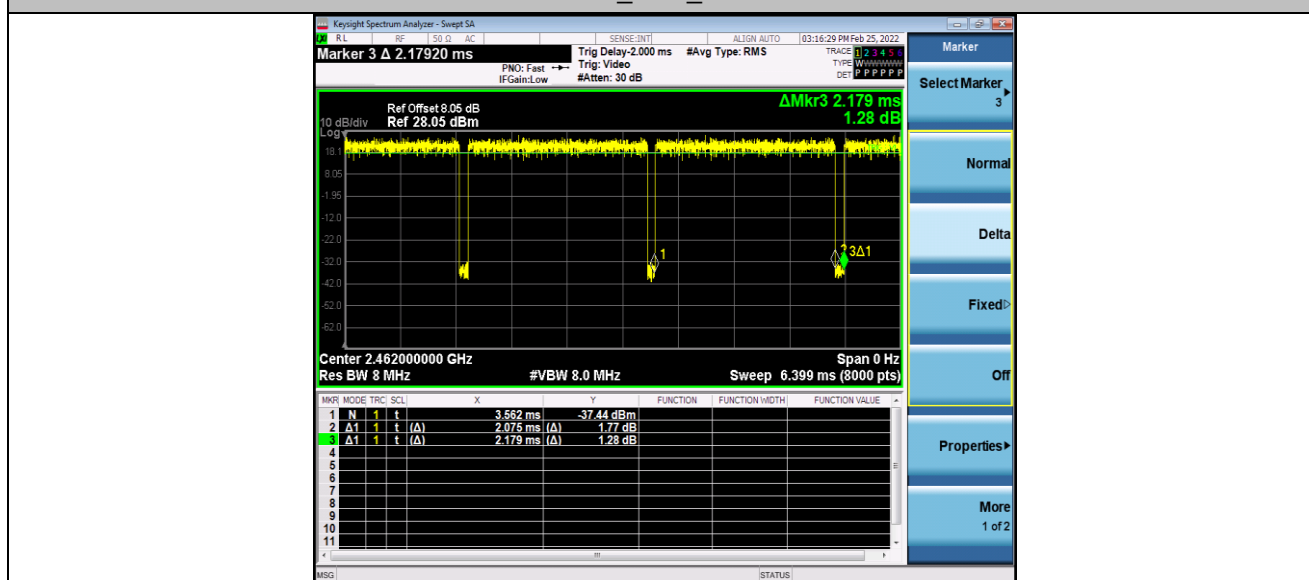
11G_Ant1_2412



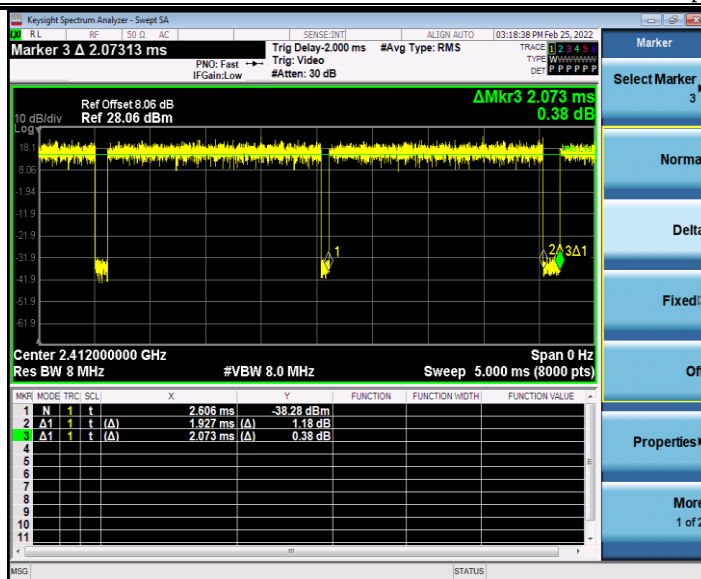
11G_Ant1_2437



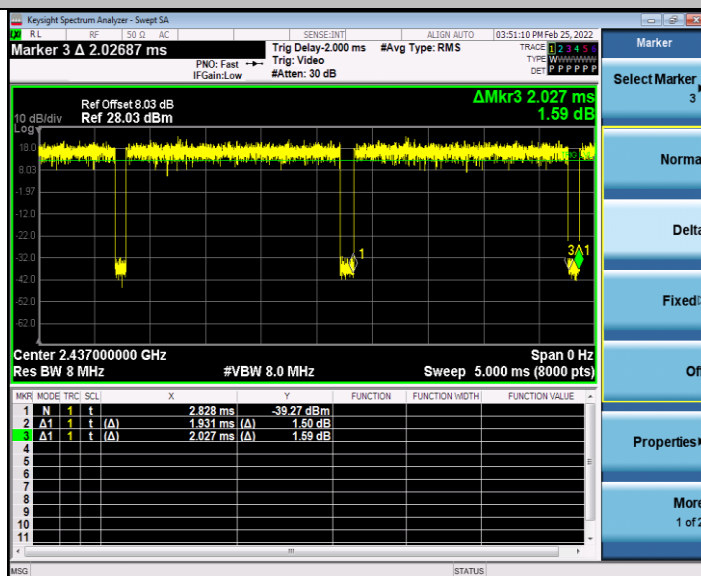
11G_Ant1_2462



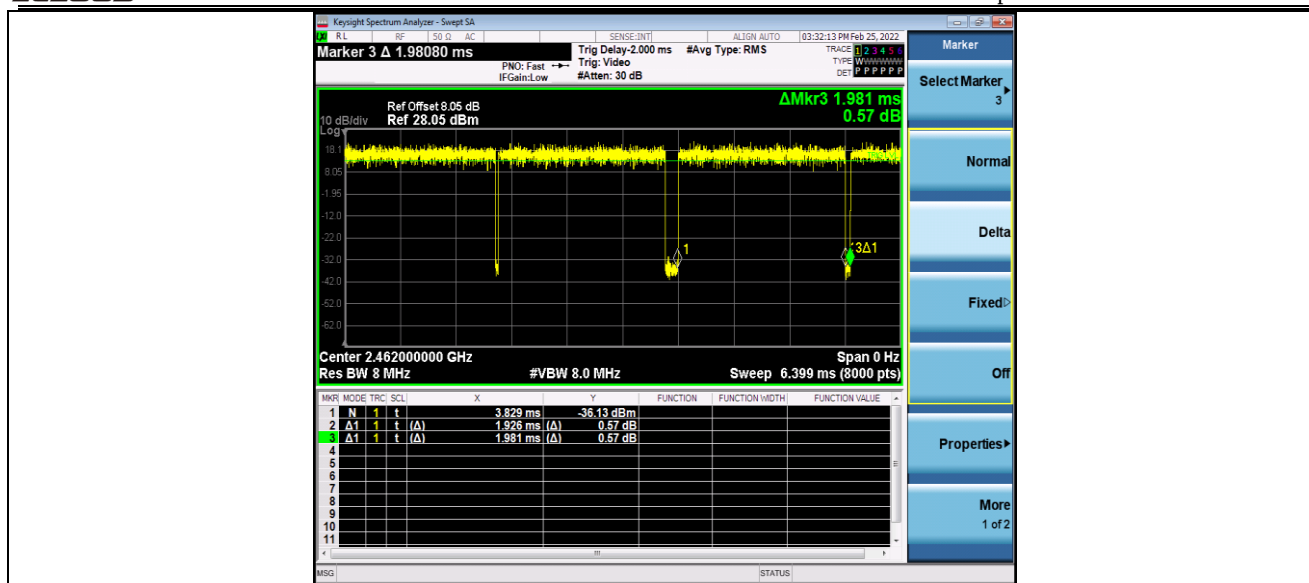
11N20SISO_Ant1_2412



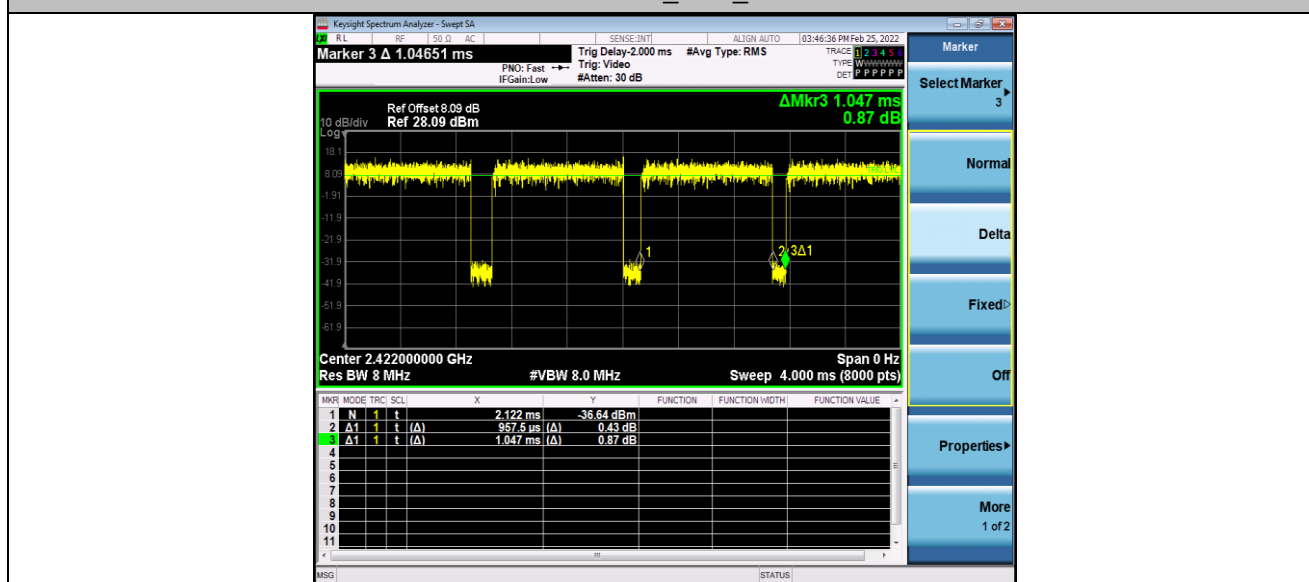
11N20SISO_Ant1_2437



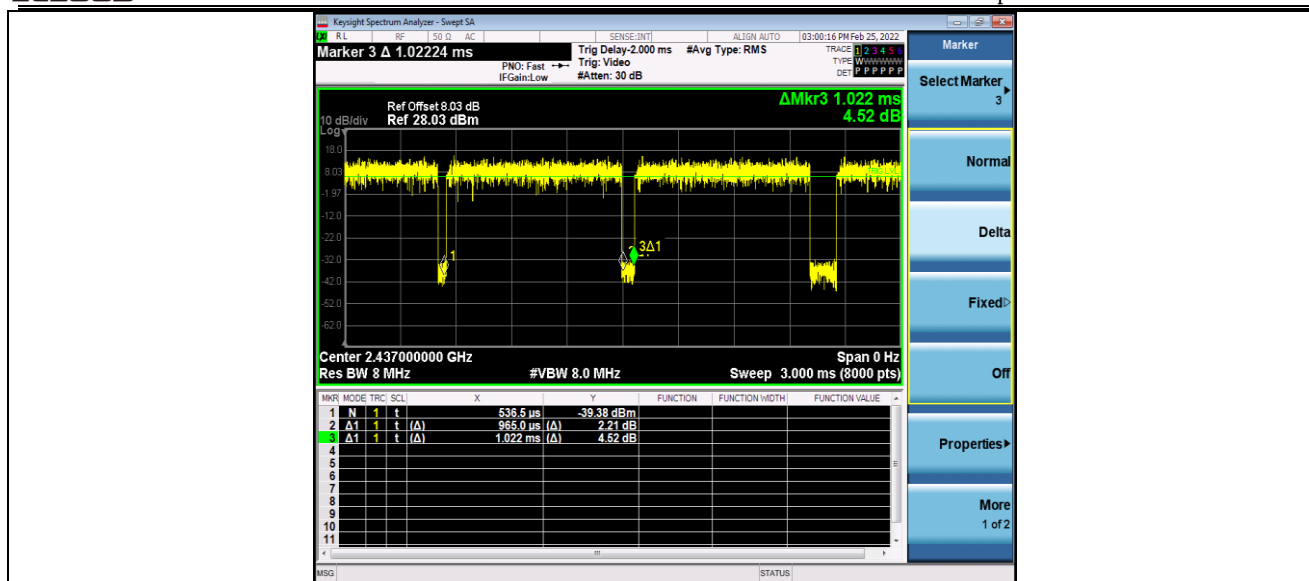
11N20SISO_Ant1_2462



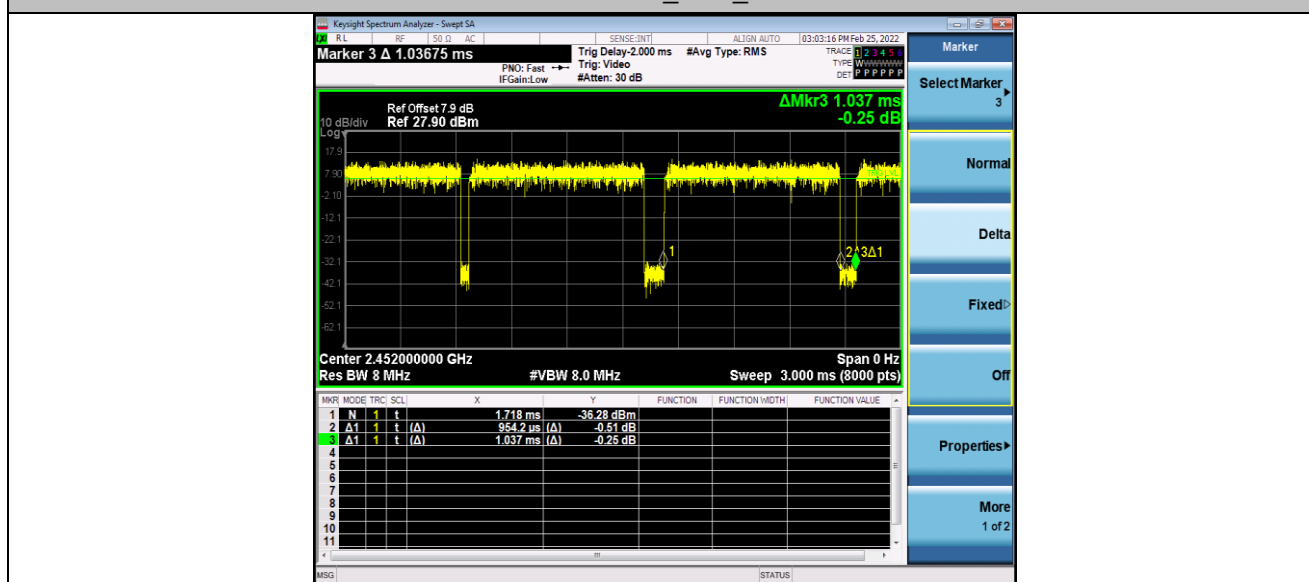
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix E: Maximum power spectral density

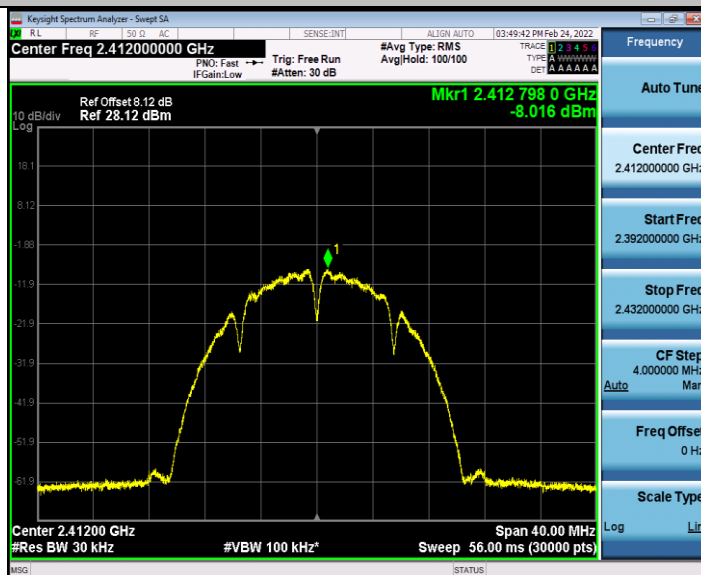
Test Result

TestMode	Antenna	Channel	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.02	-18.02	≤8	PASS
		2437	-7.87	-17.87	≤8	PASS
		2462	-6.98	-16.98	≤8	PASS
11G	Ant1	2412	-9.15	-19.15	≤8	PASS
		2437	-9.9	-19.9	≤8	PASS
		2462	-10.07	-20.07	≤8	PASS
11N20SISO	Ant1	2412	-8.06	-18.06	≤8	PASS
		2437	-8.4	-18.4	≤8	PASS
		2462	-9.14	-19.14	≤8	PASS
11N40SISO	Ant1	2422	-14.11	-24.11	≤8	PASS
		2437	-14.48	-24.48	≤8	PASS
		2452	-14.92	-24.92	≤8	PASS

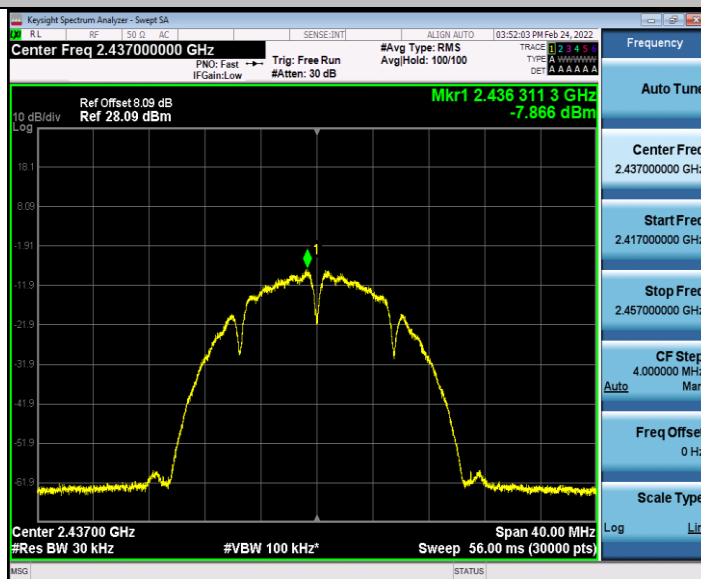
Result[dBm/3kHz]= Result[dBm/30kHz]-10*log10(30/3)

Test Graphs

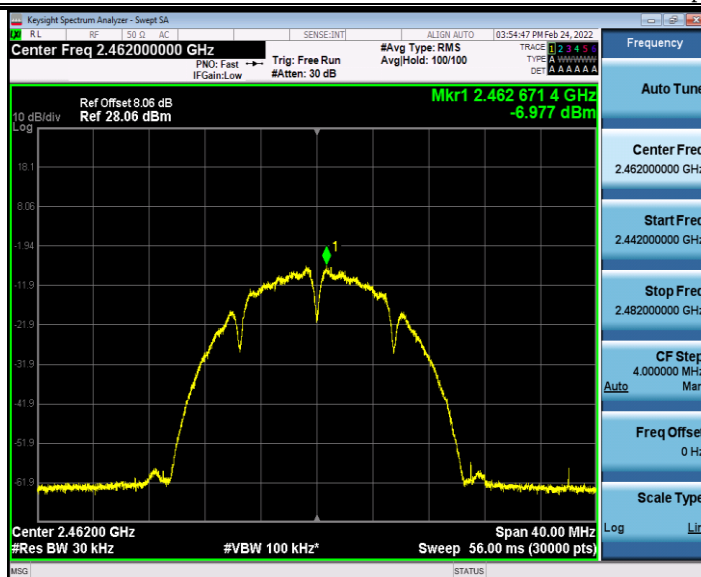
11B_Ant1_2412



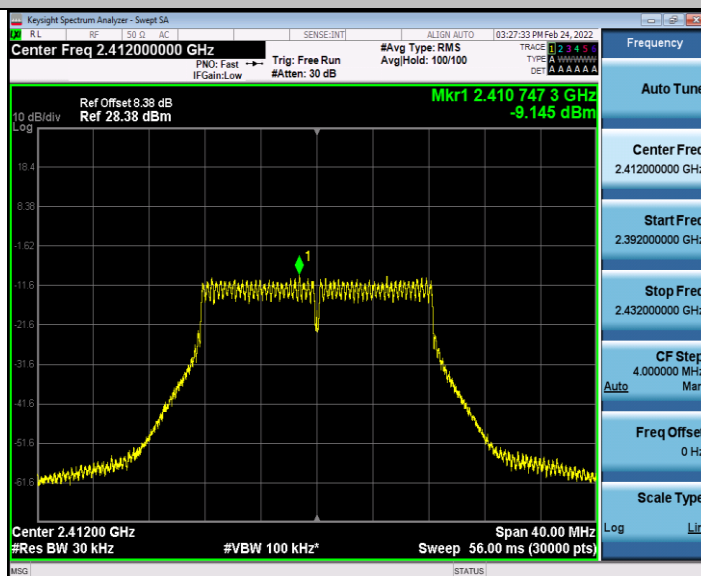
11B_Ant1_2437



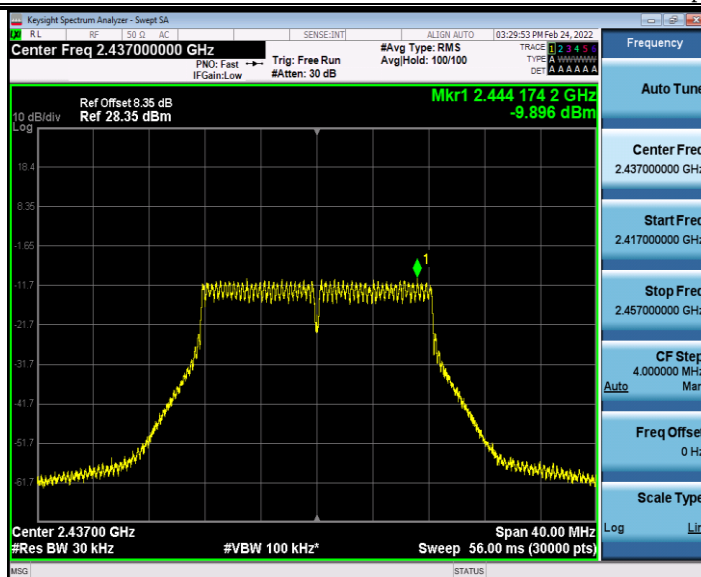
11B_Ant1_2462



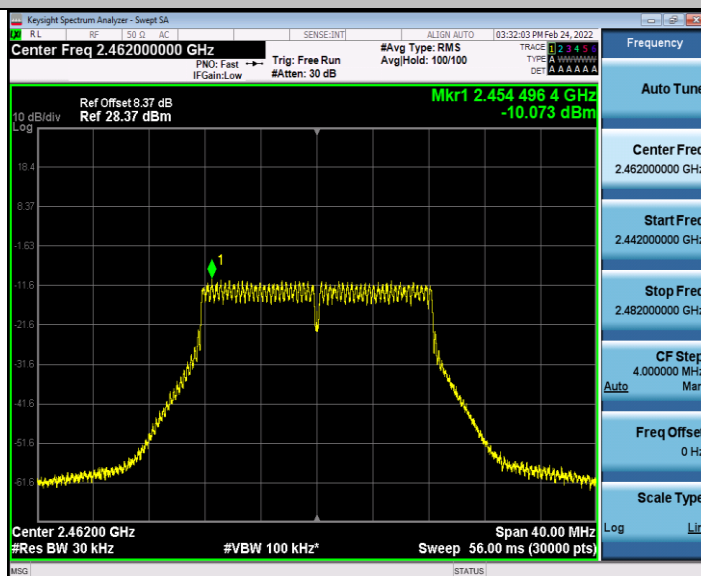
11G_Ant1_2412



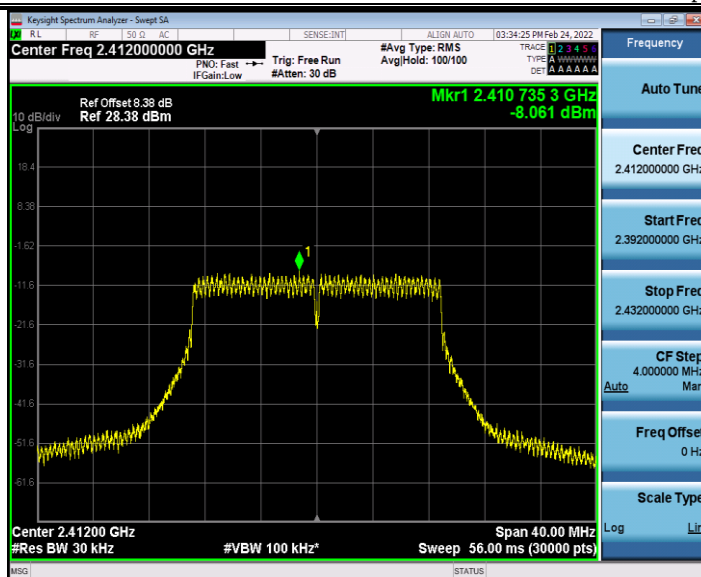
11G_Ant1_2437



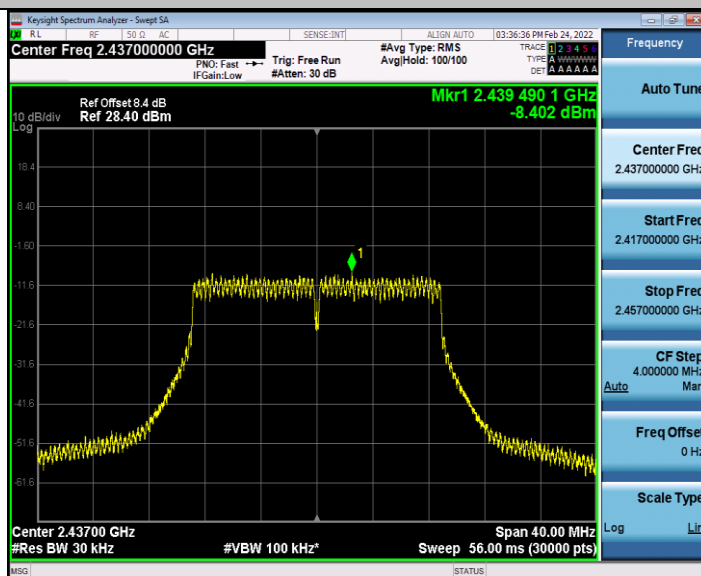
11G_Ant1_2462



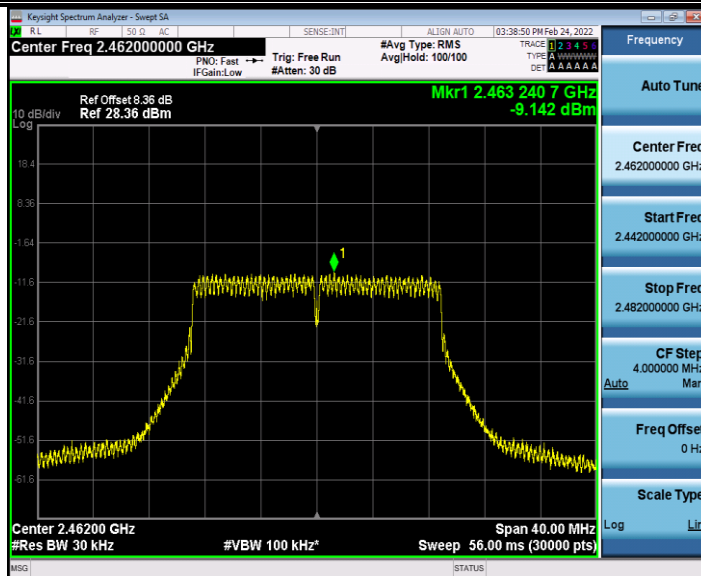
11N20SISO_Ant1_2412



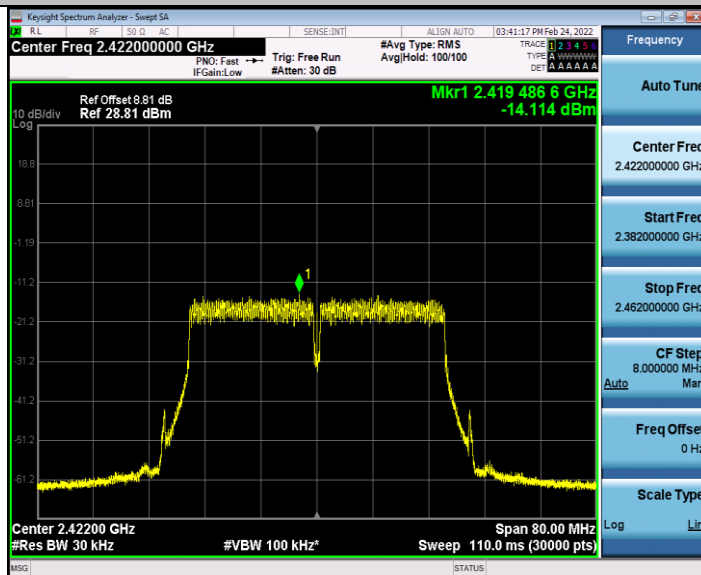
11N20SISO_Ant1_2437



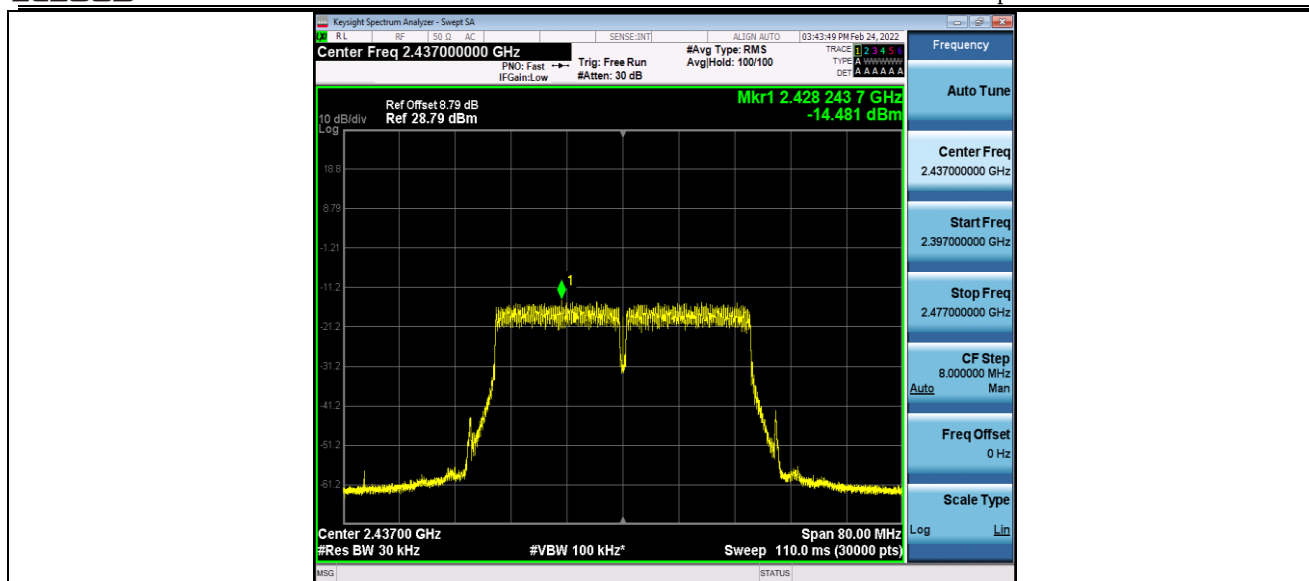
11N20SISO_Ant1_2462



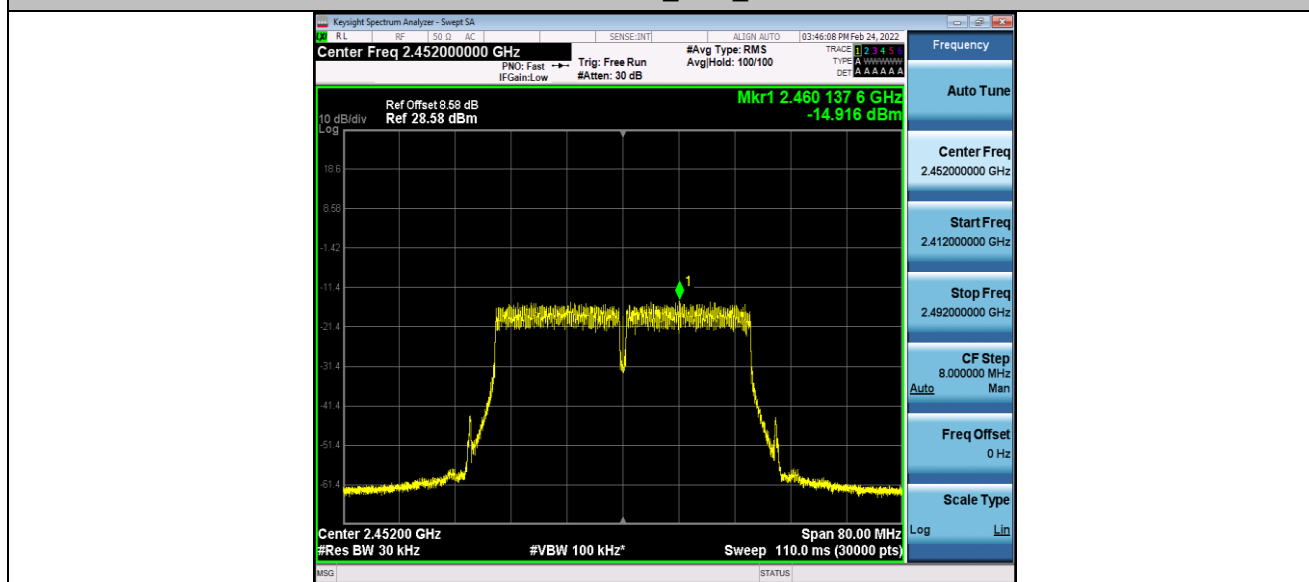
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



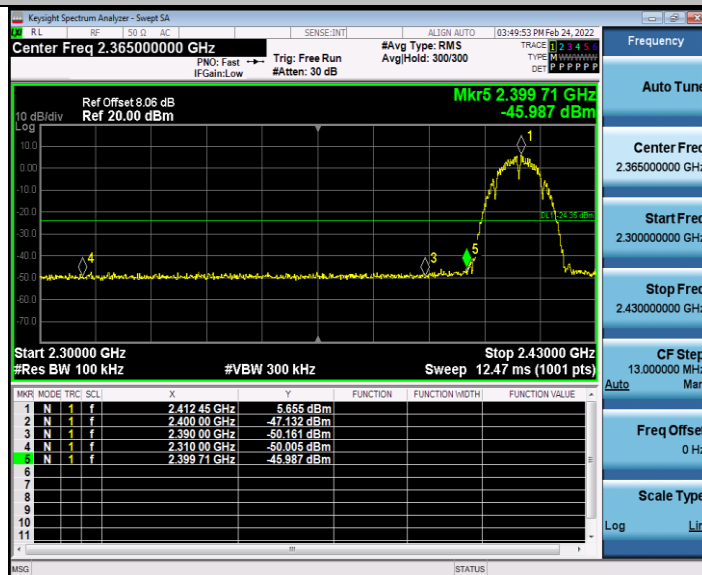
Appendix F: Band edge measurements

Test Result

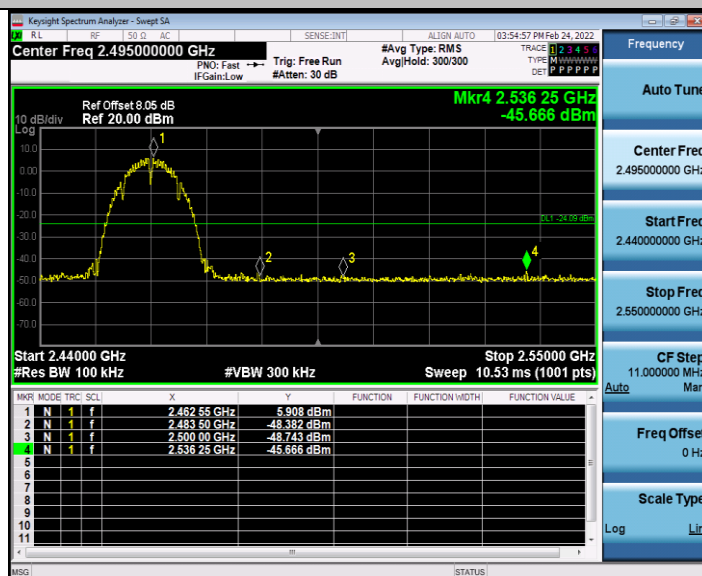
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.66	-45.99	≤ -24.35	PASS
		High	2462	5.91	-45.67	≤ -24.09	PASS
11G	Ant1	Low	2412	3.06	-31.77	≤ -26.94	PASS
		High	2462	2.36	-44.63	≤ -27.64	PASS
11N20SISO	Ant1	Low	2412	4.02	-31.33	≤ -25.98	PASS
		High	2462	3.40	-40.67	≤ -26.6	PASS
11N40SISO	Ant1	Low	2422	-1.81	-36.99	≤ -31.81	PASS
		High	2452	-2.73	-46.49	≤ -32.73	PASS

Test Graphs

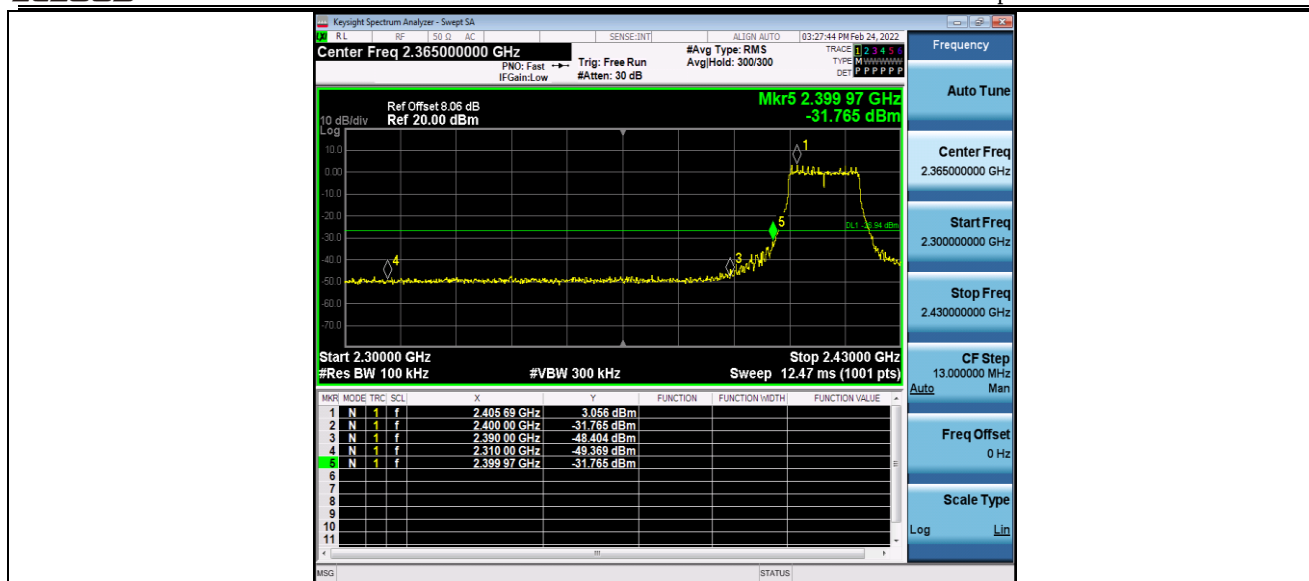
11B_Ant1_Low_2412



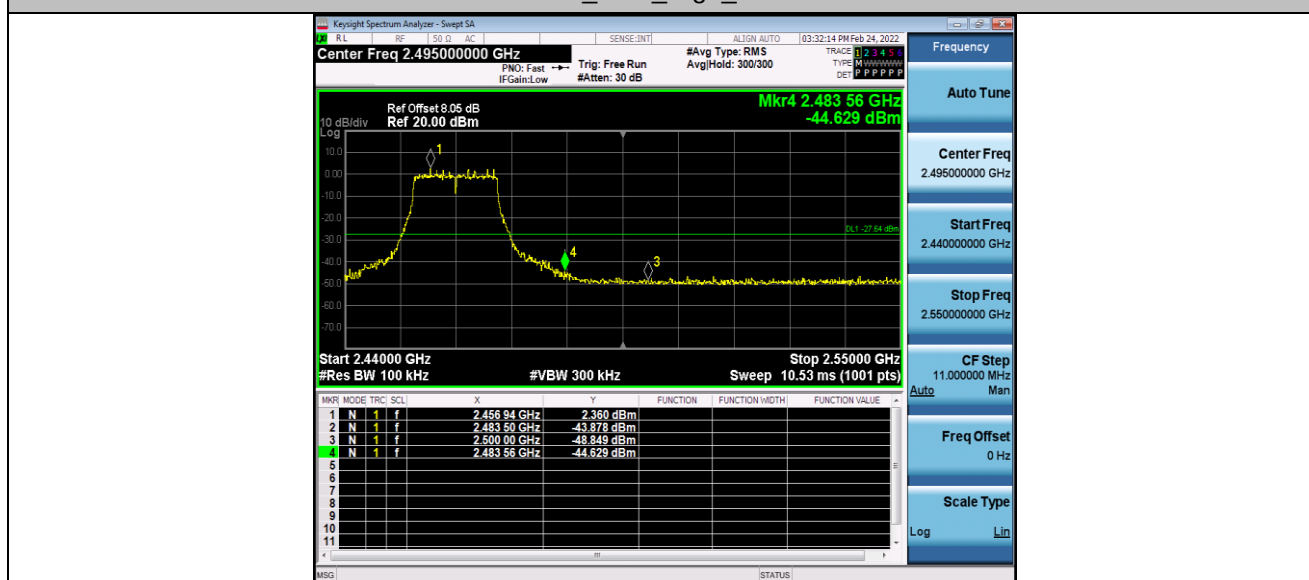
11B_Ant1_High_2462



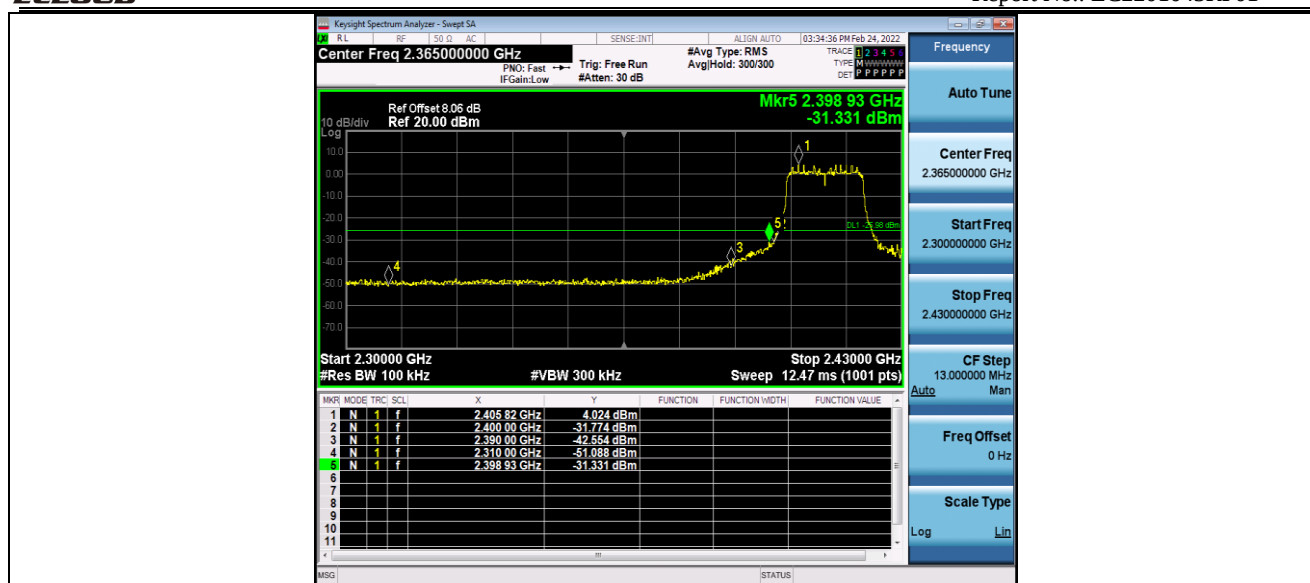
11G_Ant1_Low_2412



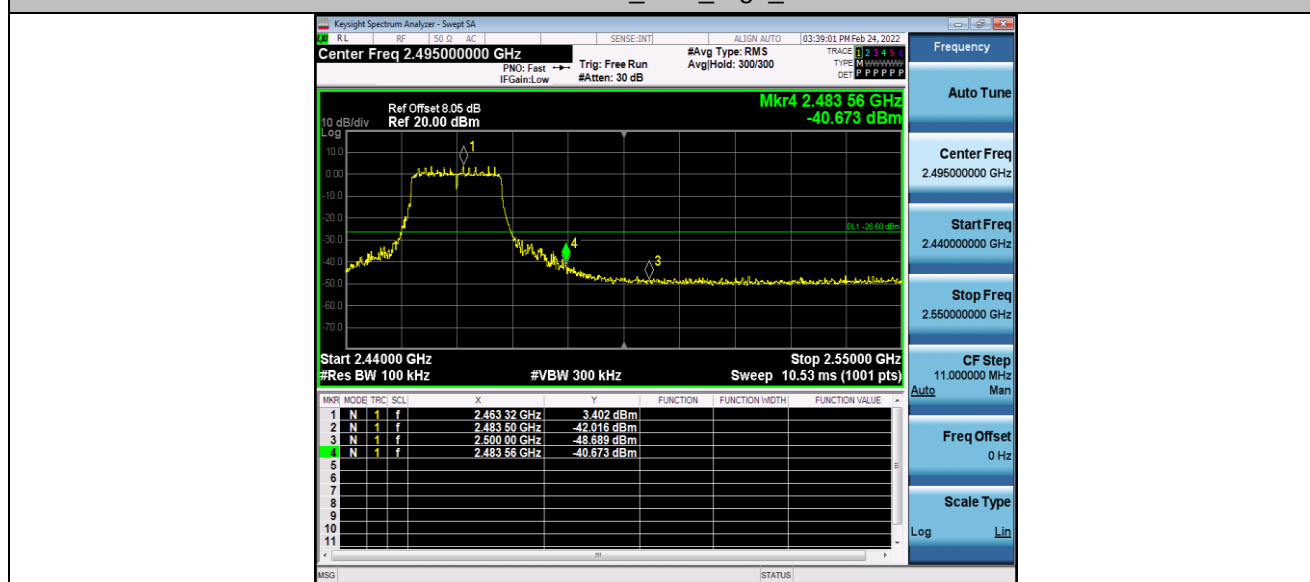
11G_Ant1_High_2462



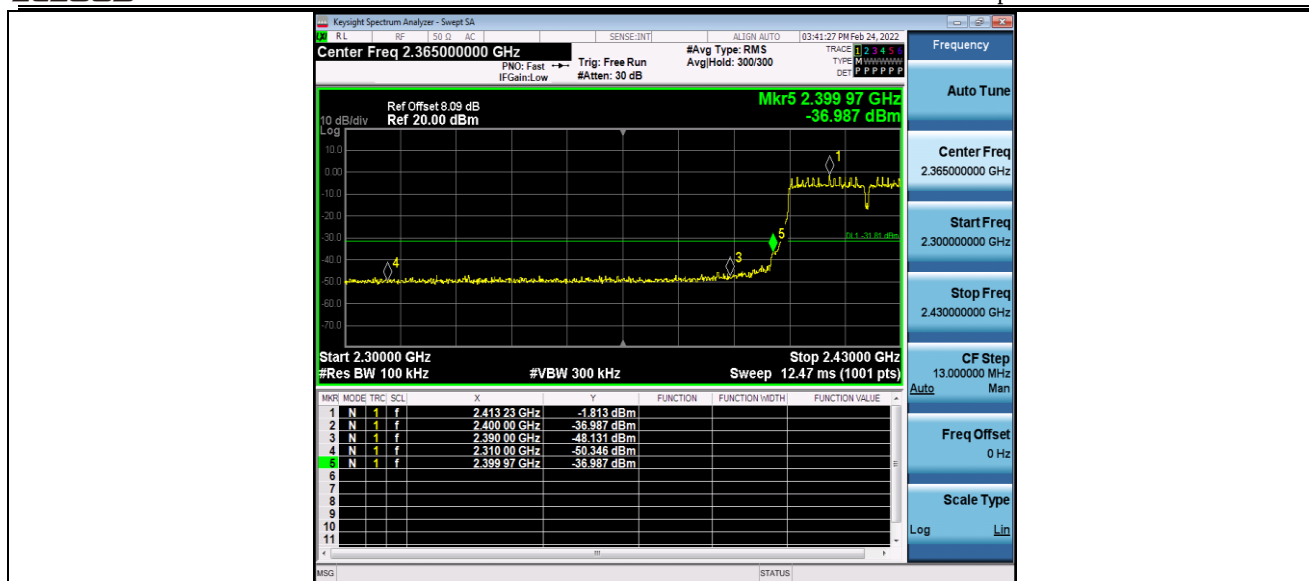
11N20SISO_Ant1_Low_2412



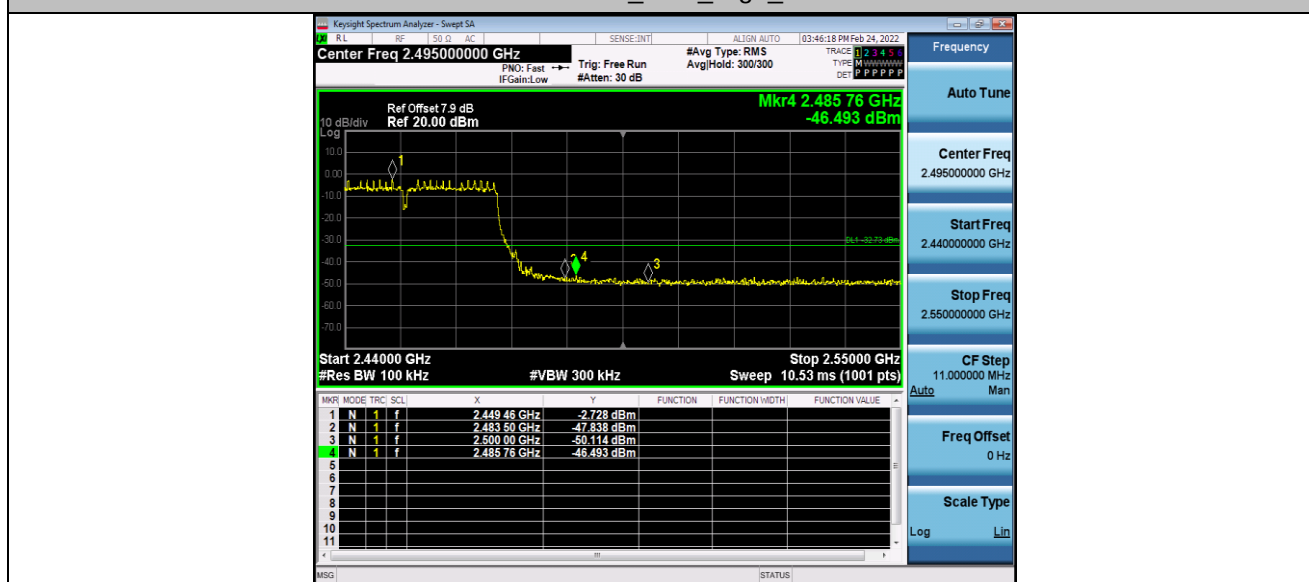
11N20SISO_Ant1_High_2462



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	4.80	4.80	---	PASS
			30~1000	4.80	-58.29	≤-25.2	PASS
			1000~26500	4.80	-38.97	≤-25.2	PASS
		2437	Reference	4.93	4.93	---	PASS
			30~1000	4.93	-58.2	≤-25.07	PASS
			1000~26500	4.93	-38.49	≤-25.07	PASS
		2462	Reference	7.37	7.37	---	PASS
			30~1000	7.37	-58.29	≤-22.63	PASS
			1000~26500	7.37	-38.53	≤-22.63	PASS
11G	Ant1	2412	Reference	3.32	3.32	---	PASS
			30~1000	3.32	-58.02	≤-26.69	PASS
			1000~26500	3.32	-38.39	≤-26.69	PASS
		2437	Reference	-0.55	-0.55	---	PASS
			30~1000	-0.55	-58.12	≤-30.55	PASS
			1000~26500	-0.55	-38.18	≤-30.55	PASS
		2462	Reference	-0.50	-0.50	---	PASS
			30~1000	-0.50	-58.35	≤-30.5	PASS
			1000~26500	-0.50	-38.24	≤-30.5	PASS
11N20SISO	Ant1	2412	Reference	0.78	0.78	---	PASS
			30~1000	0.78	-57.78	≤-29.22	PASS
			1000~26500	0.78	-37.36	≤-29.22	PASS
		2437	Reference	1.33	1.33	---	PASS
			30~1000	1.33	-56.87	≤-28.67	PASS
			1000~26500	1.33	-37.34	≤-28.67	PASS
		2462	Reference	3.15	3.15	---	PASS
			30~1000	3.15	-57.48	≤-26.85	PASS
			1000~26500	3.15	-37.73	≤-26.85	PASS
11N40SISO	Ant1	2422	Reference	-1.91	-1.91	---	PASS
			30~1000	-1.91	-58.16	≤-31.91	PASS
			1000~26500	-1.91	-38.09	≤-31.91	PASS
		2437	Reference	-2.34	-2.34	---	PASS

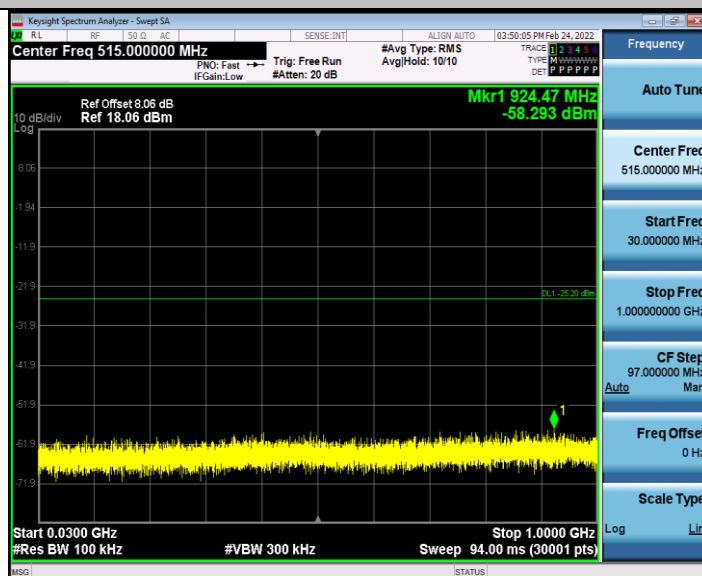
			30~1000	-2.34	-57.69	≤ -32.34	PASS
			1000~26500	-2.34	-38.3	≤ -32.34	PASS
		2452	Reference	-4.85	-4.85	---	PASS
			30~1000	-4.85	-57.92	≤ -34.85	PASS
			1000~26500	-4.85	-38.05	≤ -34.85	PASS

Test Graphs

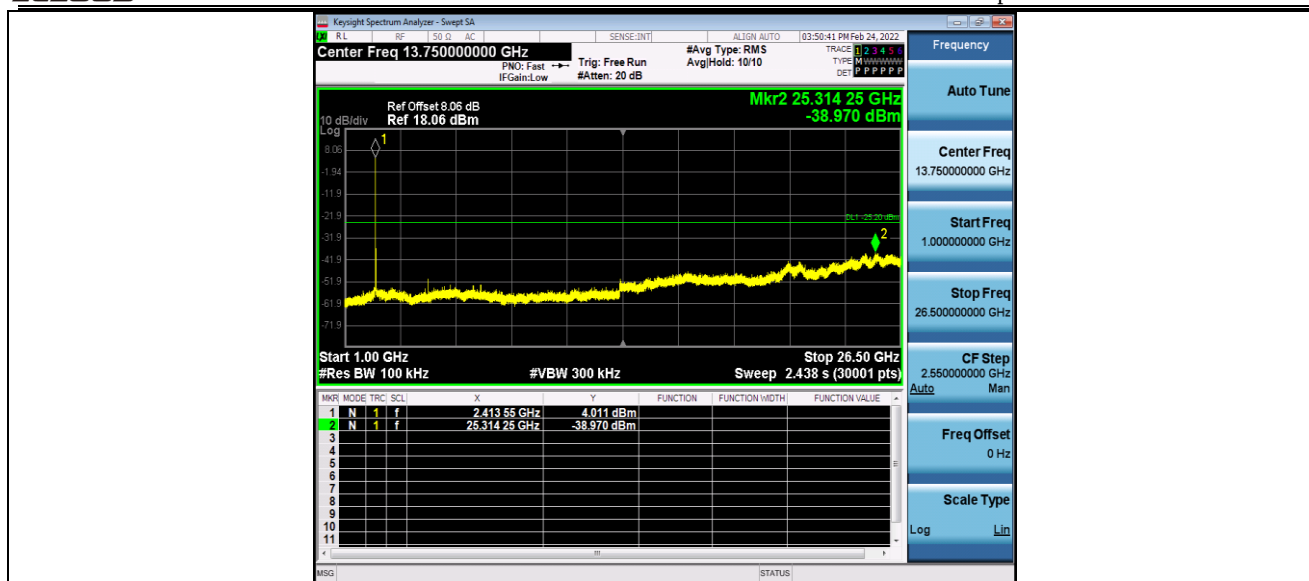
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



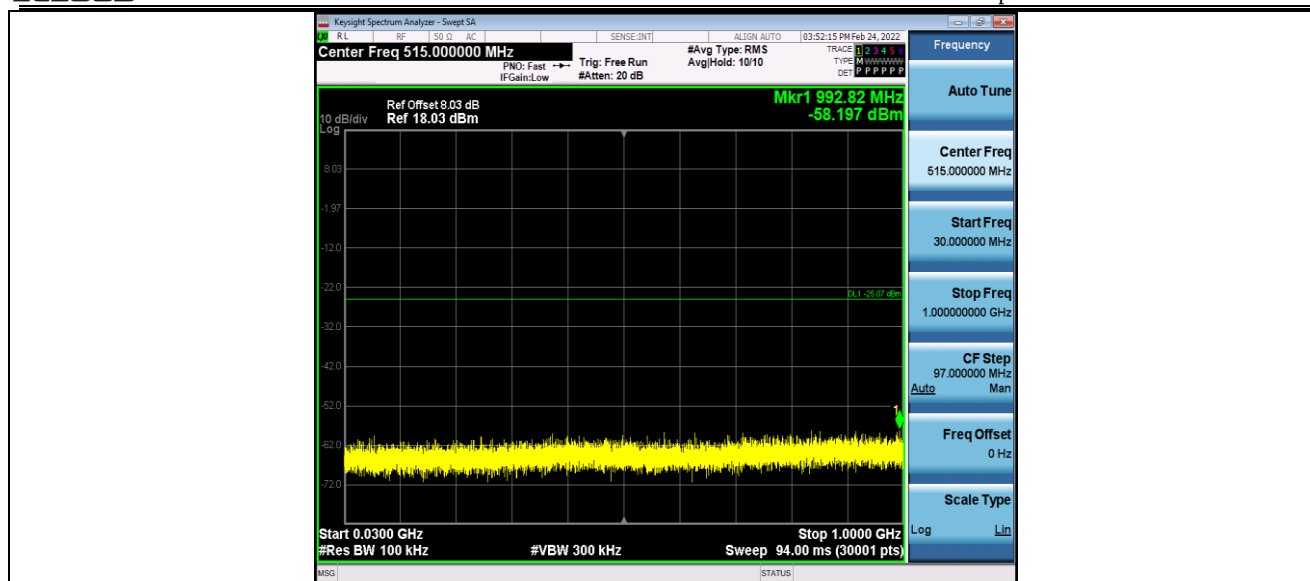
11B_Ant1_2412_1000~26500



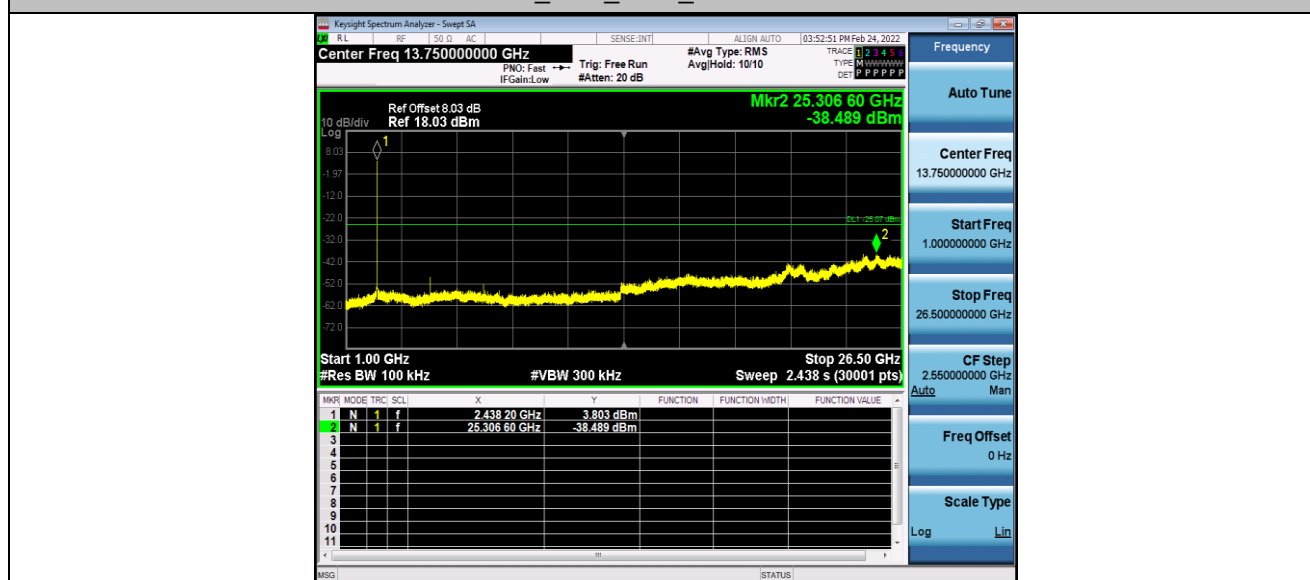
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



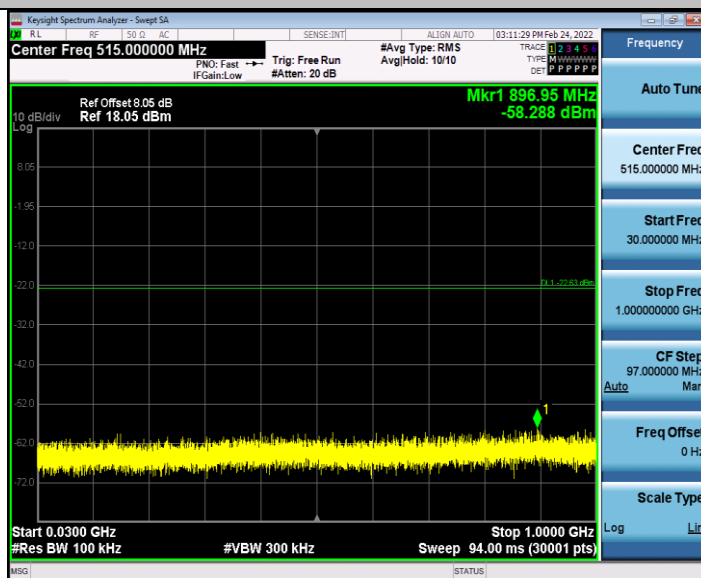
11B_Ant1_2437_1000-26500



11B_Ant1_2462_0-Reference



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500