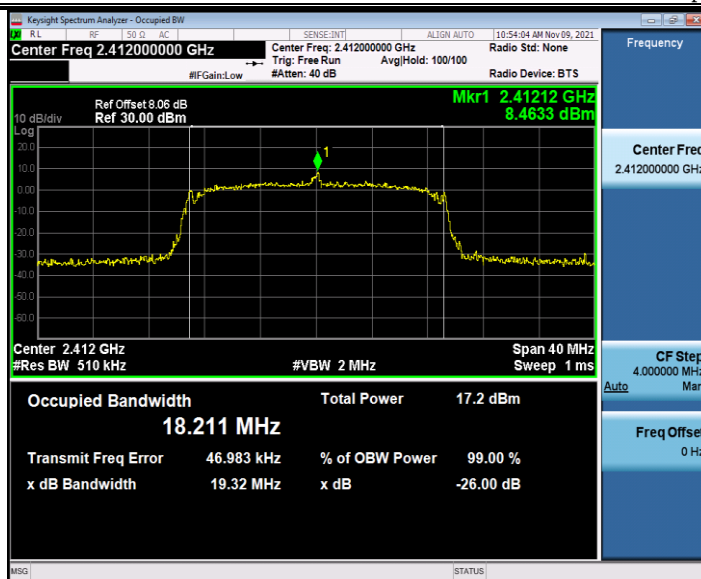
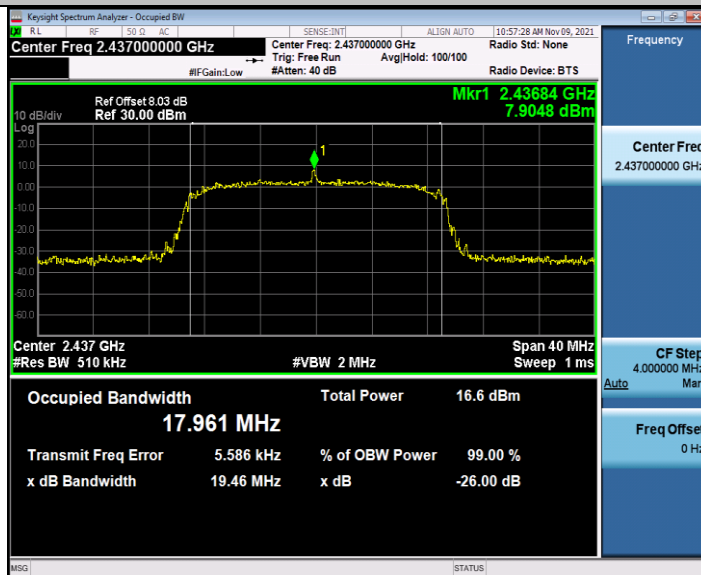
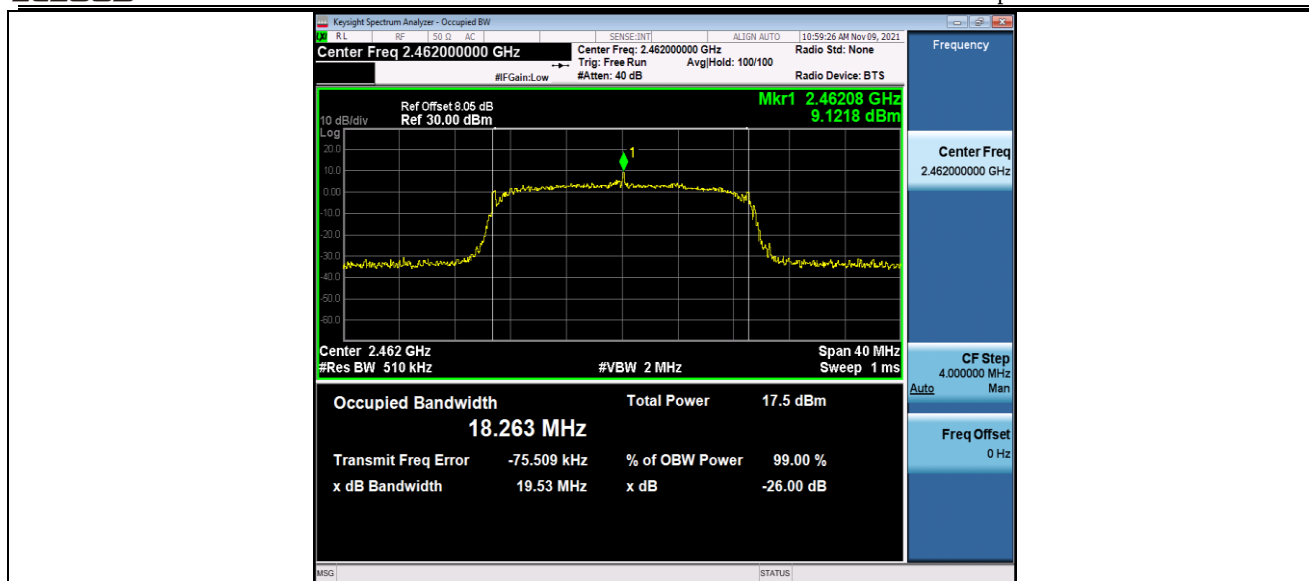




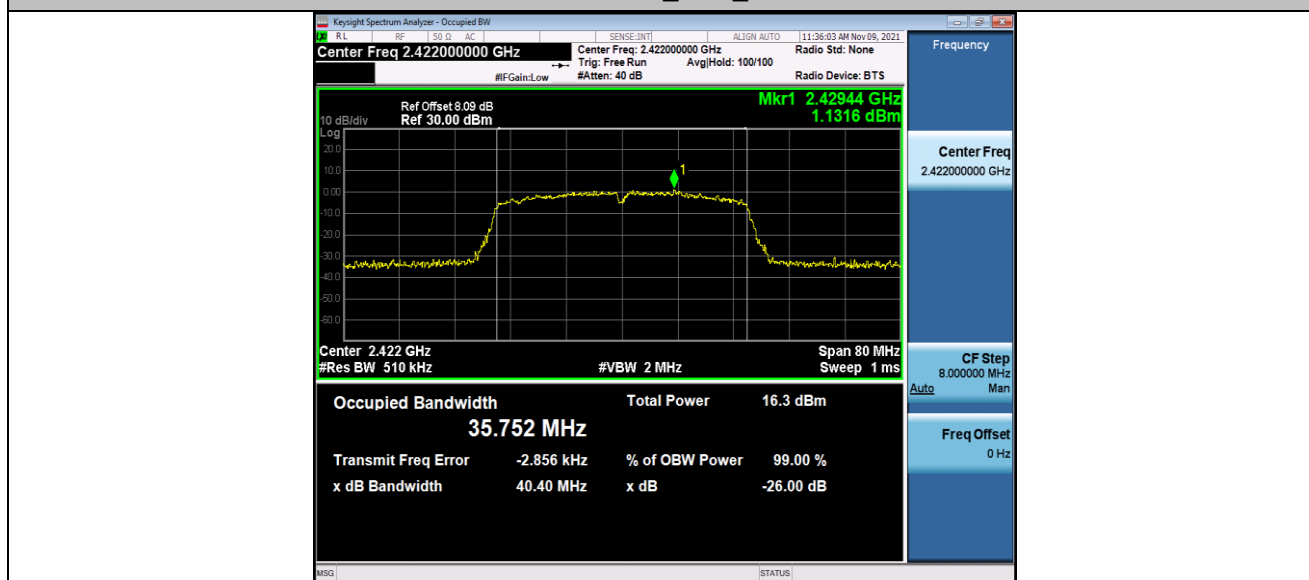
11N20SISO_Ant1_2437



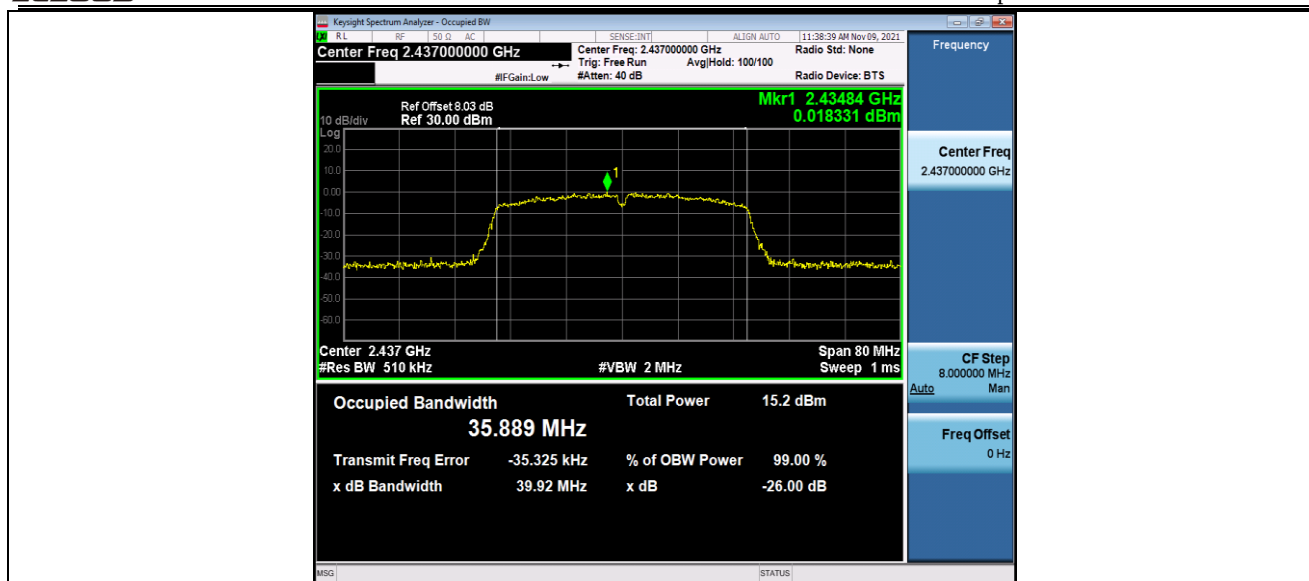
11N20SISO_Ant1_2462



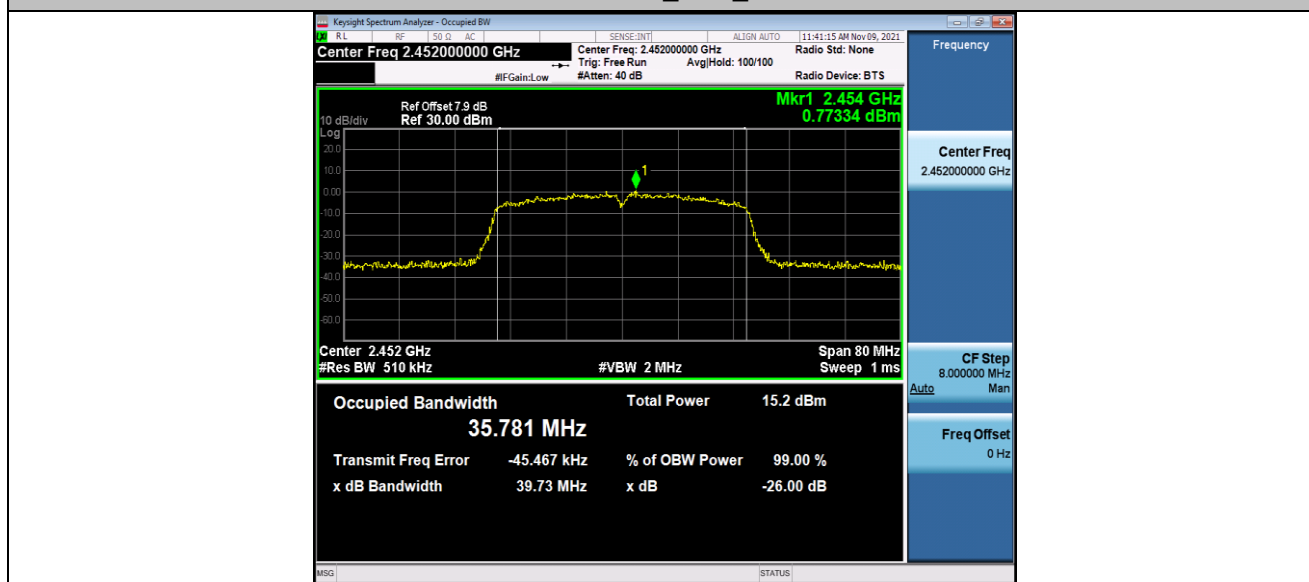
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



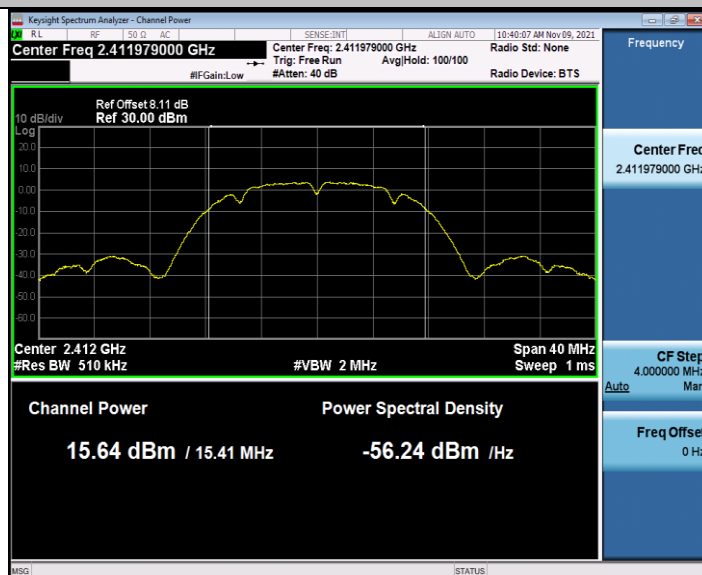
Appendix C: Maximum conducted output power & E.I.R.P.

Test Result

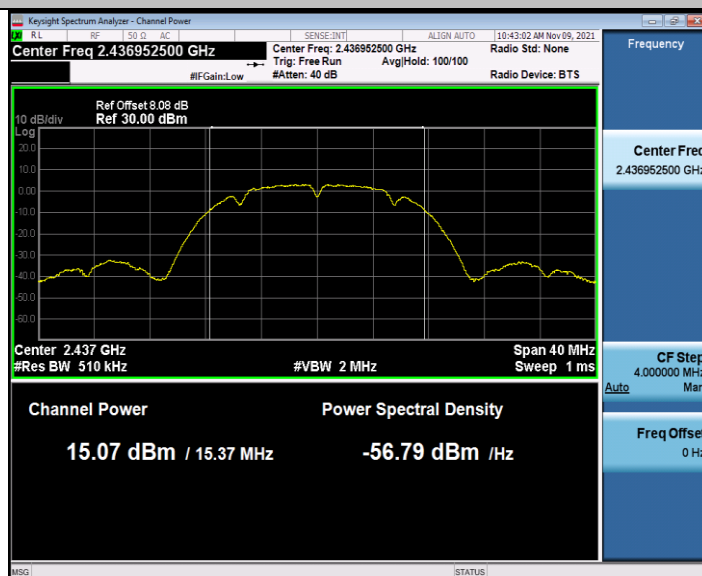
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Antenna Gain(dBi)	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	15.64	<=30	2.4	18.04	36.02	PASS
		2437	15.07	<=30	2.4	17.47	36.02	PASS
		2462	15.72	<=30	2.4	18.12	36.02	PASS
11G	Ant1	2412	11.74	<=30	2.4	14.14	36.02	PASS
		2437	11.28	<=30	2.4	13.68	36.02	PASS
		2462	12.32	<=30	2.4	14.72	36.02	PASS
11N20SISO	Ant1	2412	10.67	<=30	2.4	13.07	36.02	PASS
		2437	10.16	<=30	2.4	12.56	36.02	PASS
		2462	11.09	<=30	2.4	13.49	36.02	PASS
11N40SISO	Ant1	2422	10.07	<=30	2.4	12.47	36.02	PASS
		2437	8.98	<=30	2.4	11.38	36.02	PASS
		2452	8.99	<=30	2.4	11.39	36.02	PASS

Test Graphs

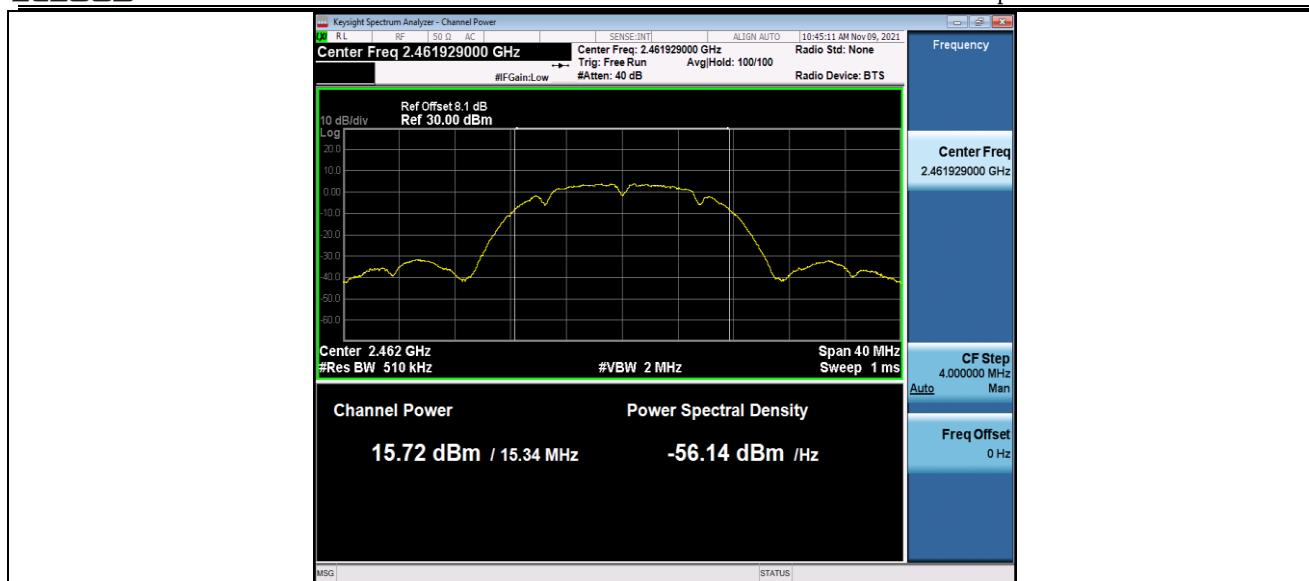
11B_Ant1_2412



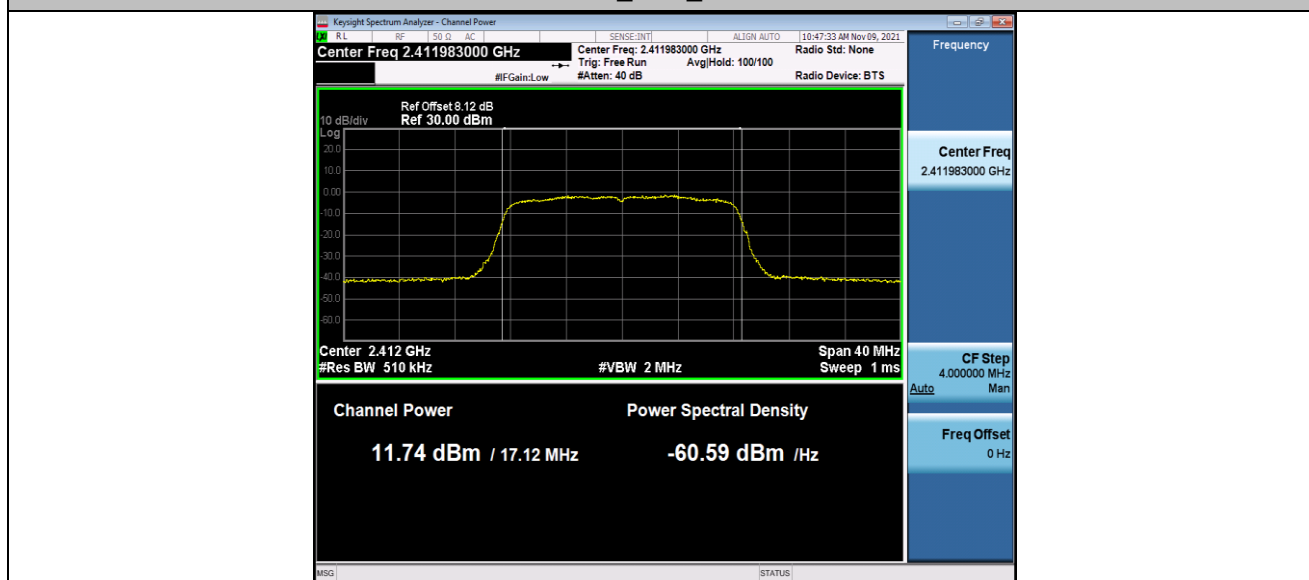
11B_Ant1_2437



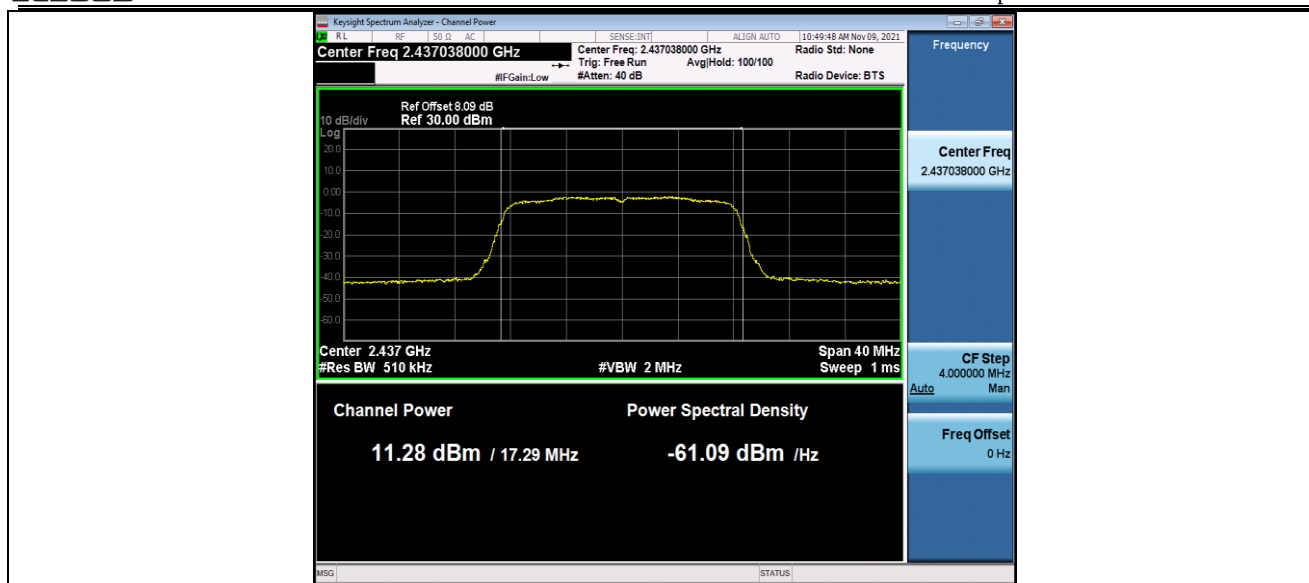
11B_Ant1_2462



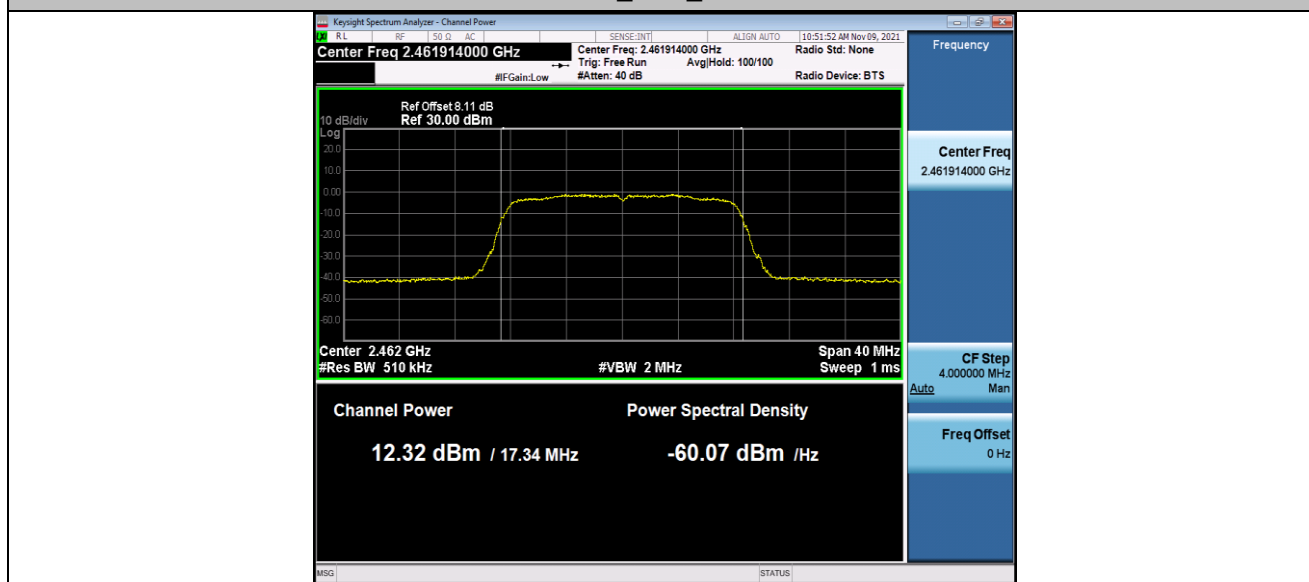
11G_Ant1_2412



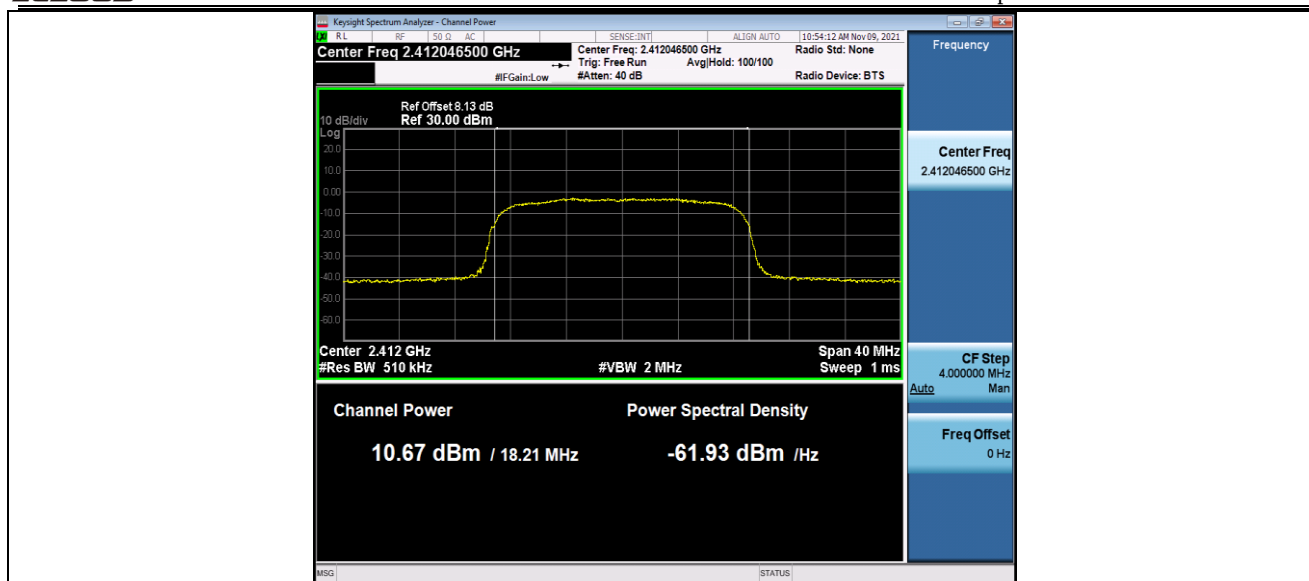
11G_Ant1_2437



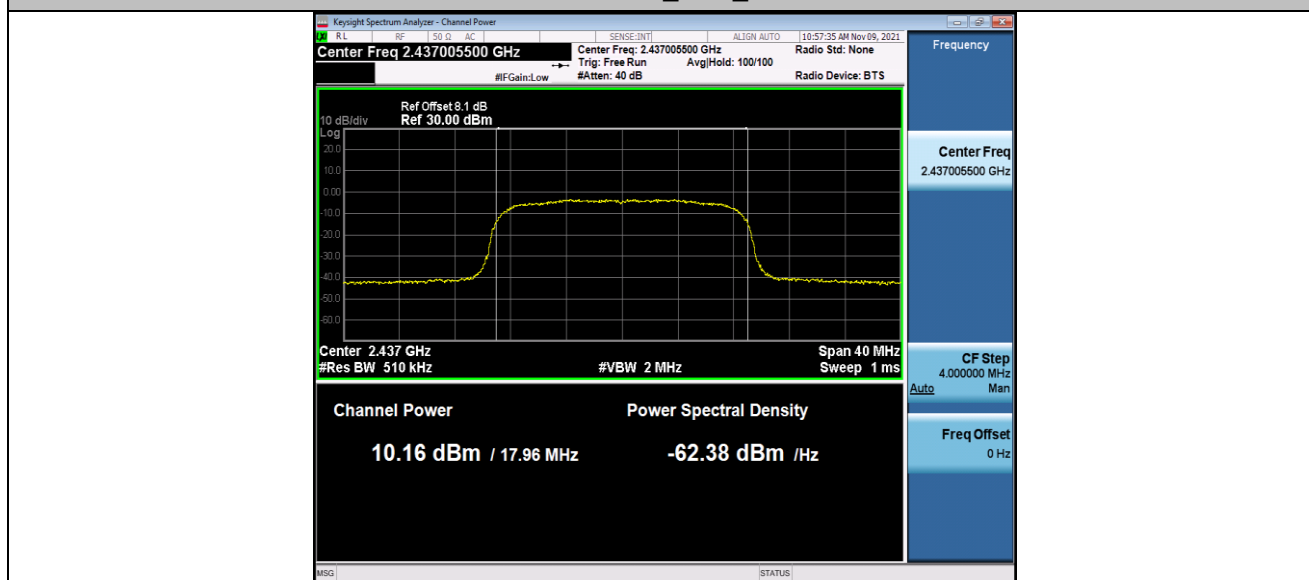
11G_Ant1_2462



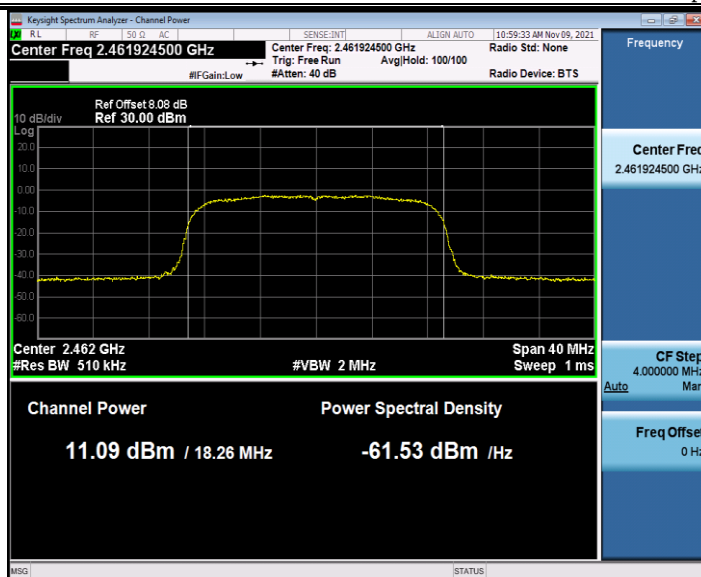
11N20SISO_Ant1_2412



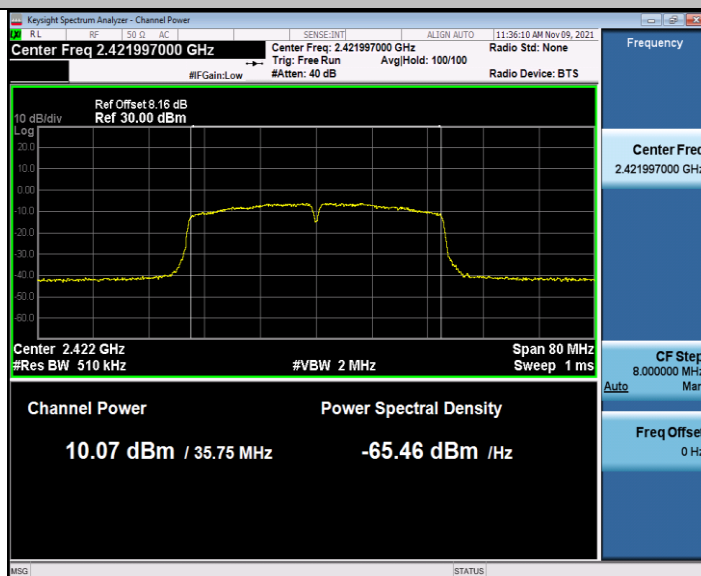
11N20SISO_Ant1_2437



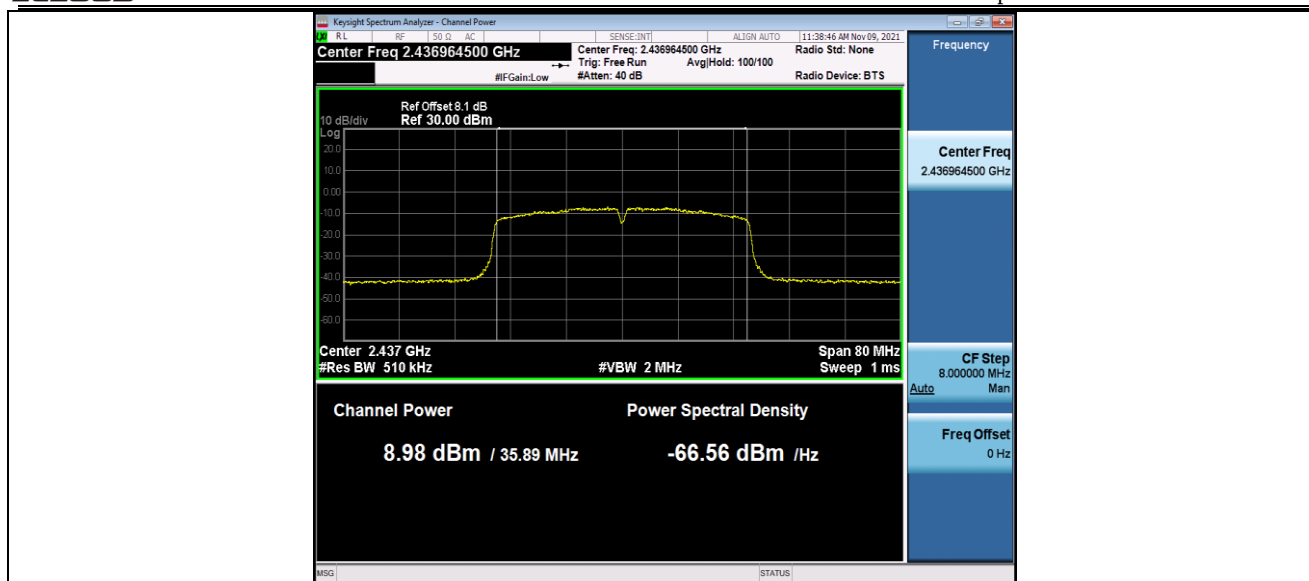
11N20SISO_Ant1_2462



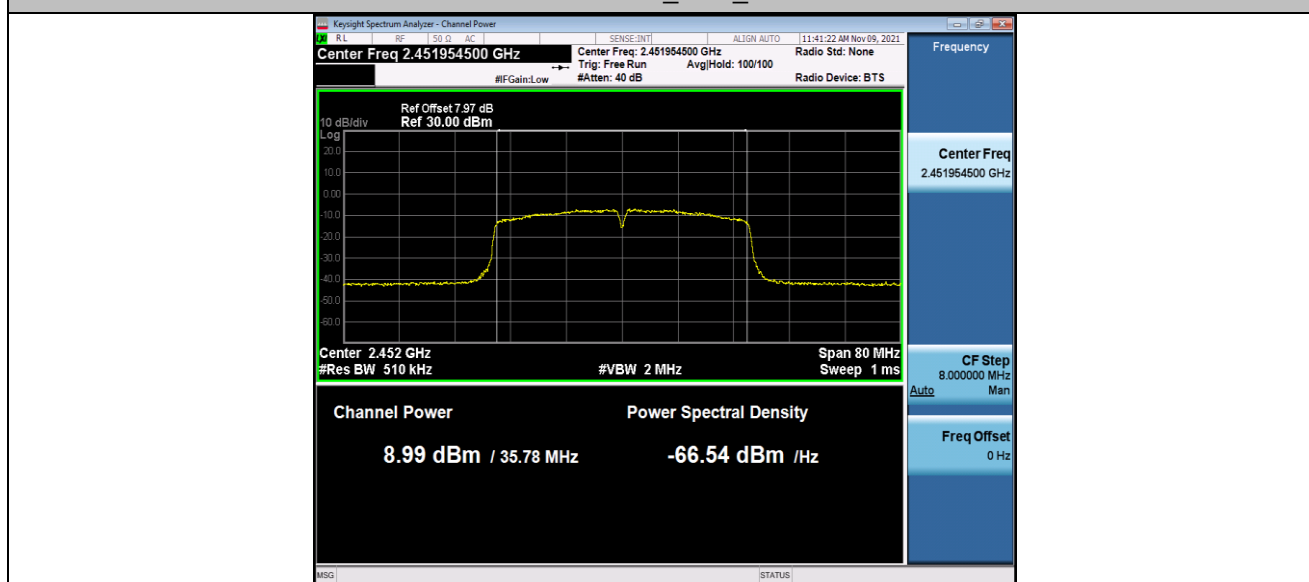
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



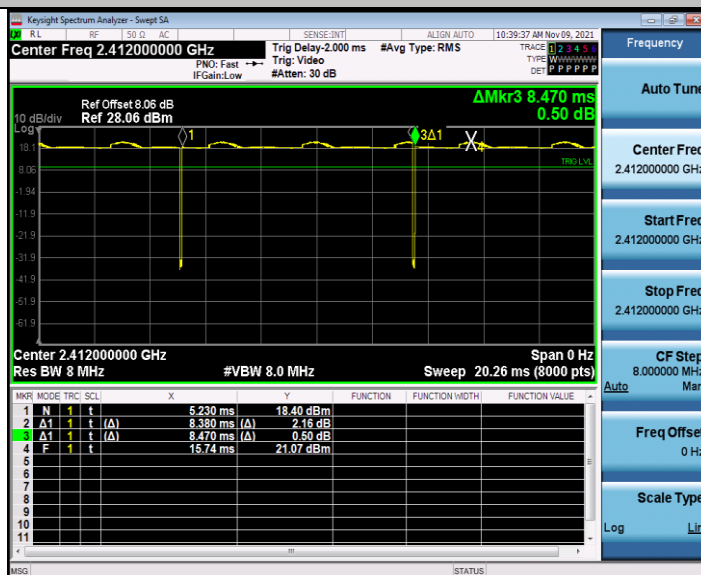
Appendix D: Duty Cycle

Test Result

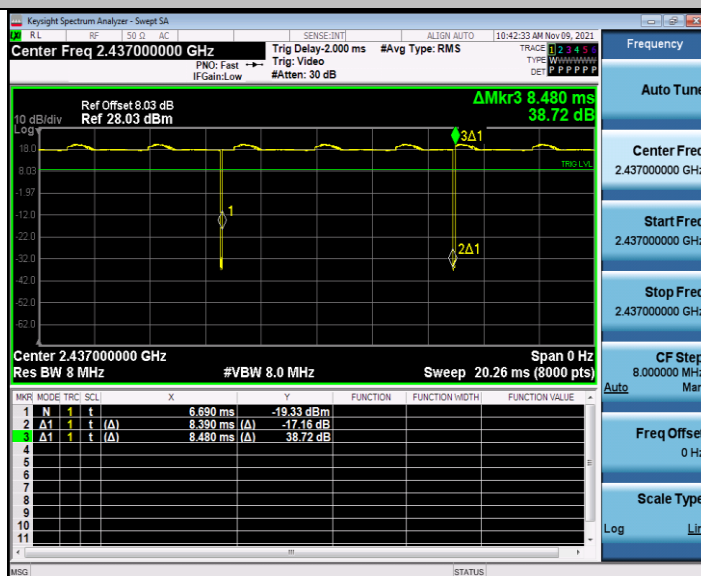
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.38	8.47	98.94	---	PASS
		2437	8.39	8.48	98.94	---	PASS
		2462	8.38	8.47	98.94	---	PASS
11G	Ant1	2412	1.39	1.41	98.58	---	PASS
		2437	1.39	1.41	98.58	---	PASS
		2462	1.39	1.41	98.58	---	PASS
11N20SISO	Ant1	2412	1.30	1.32	98.48	---	PASS
		2437	1.30	1.32	98.48	---	PASS
		2462	1.30	1.31	99.24	---	PASS
11N40SISO	Ant1	2422	0.65	0.66	98.48	---	PASS
		2437	0.64	0.65	98.46	---	PASS
		2452	0.64	0.65	98.46	---	PASS

Test Graphs

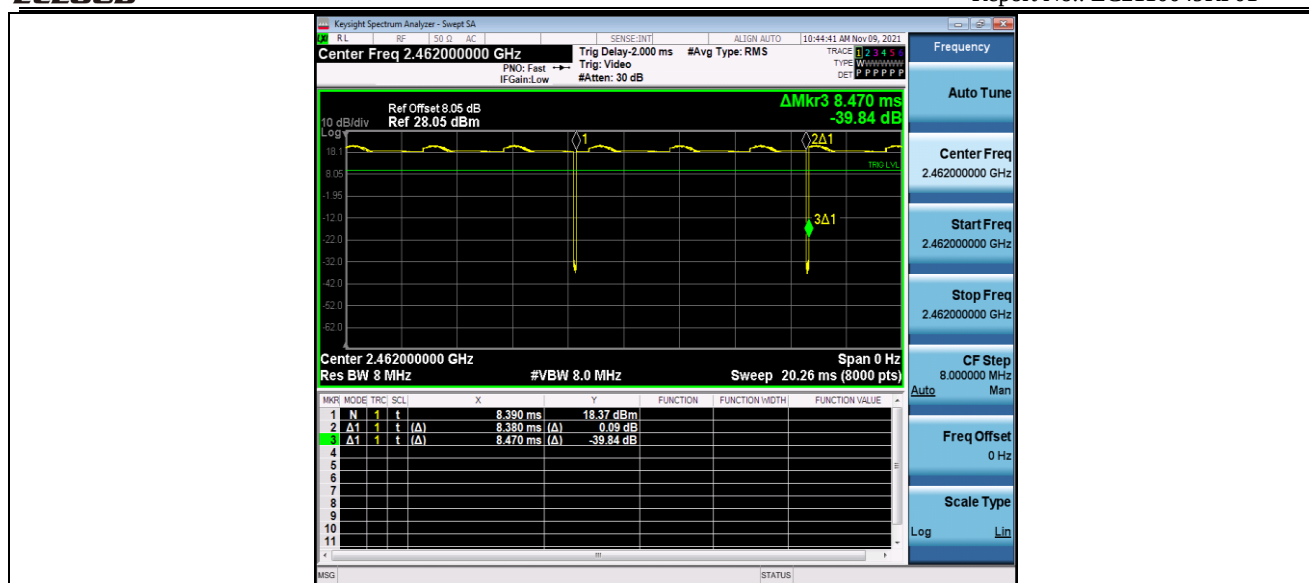
11B_Ant1_2412



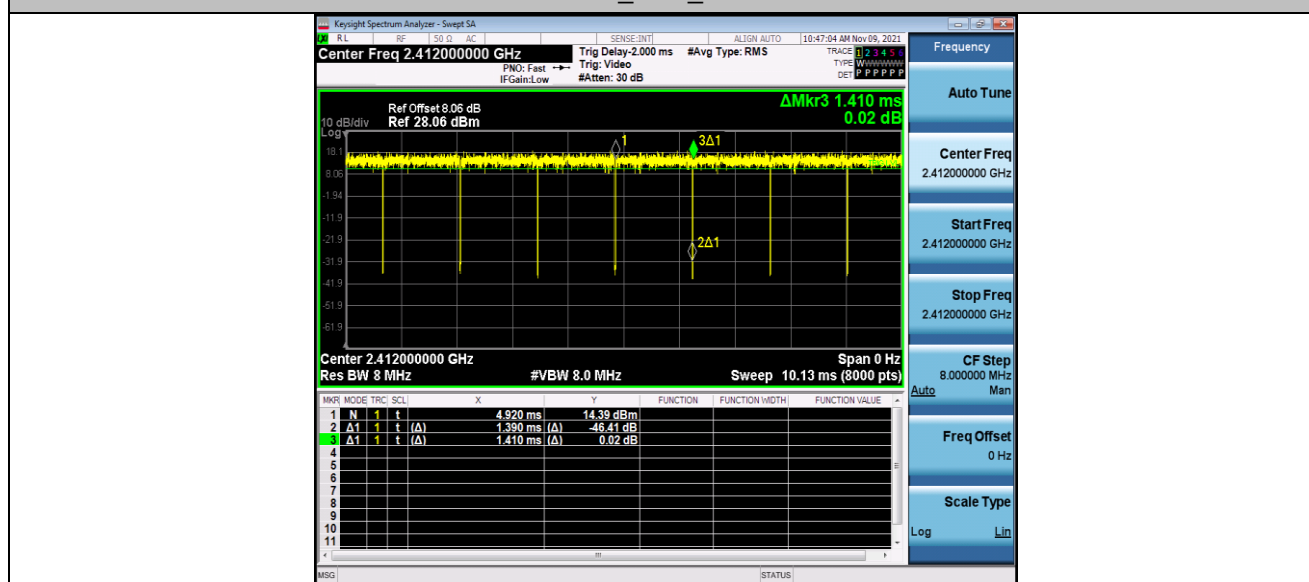
11B_Ant1_2437



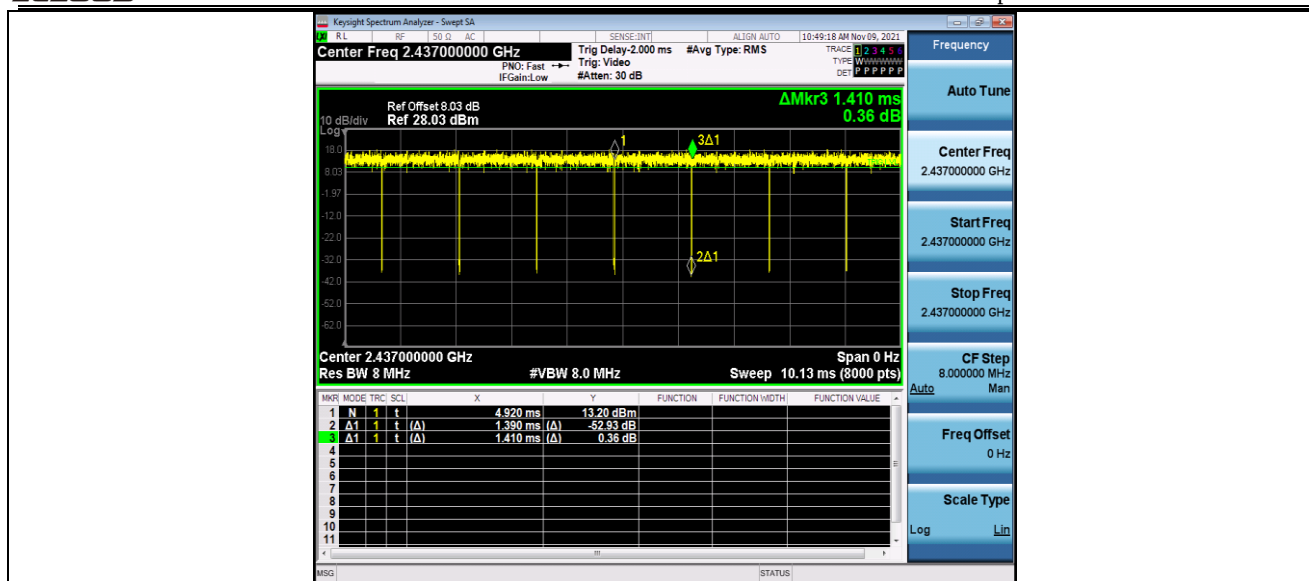
11B_Ant1_2462



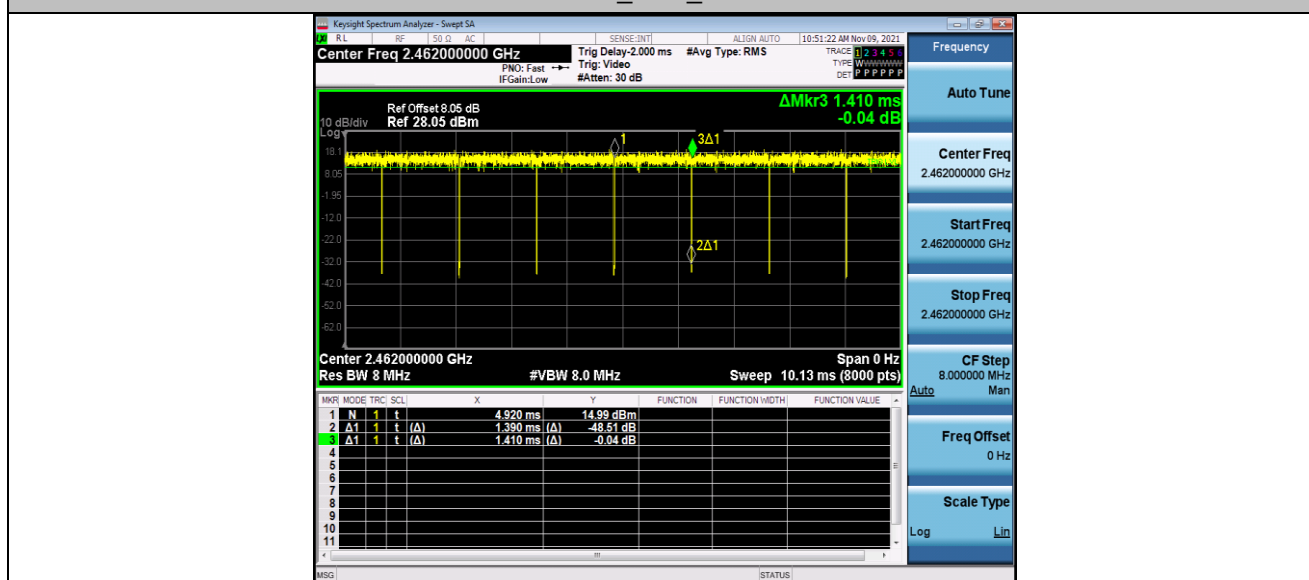
11G_Ant1_2412



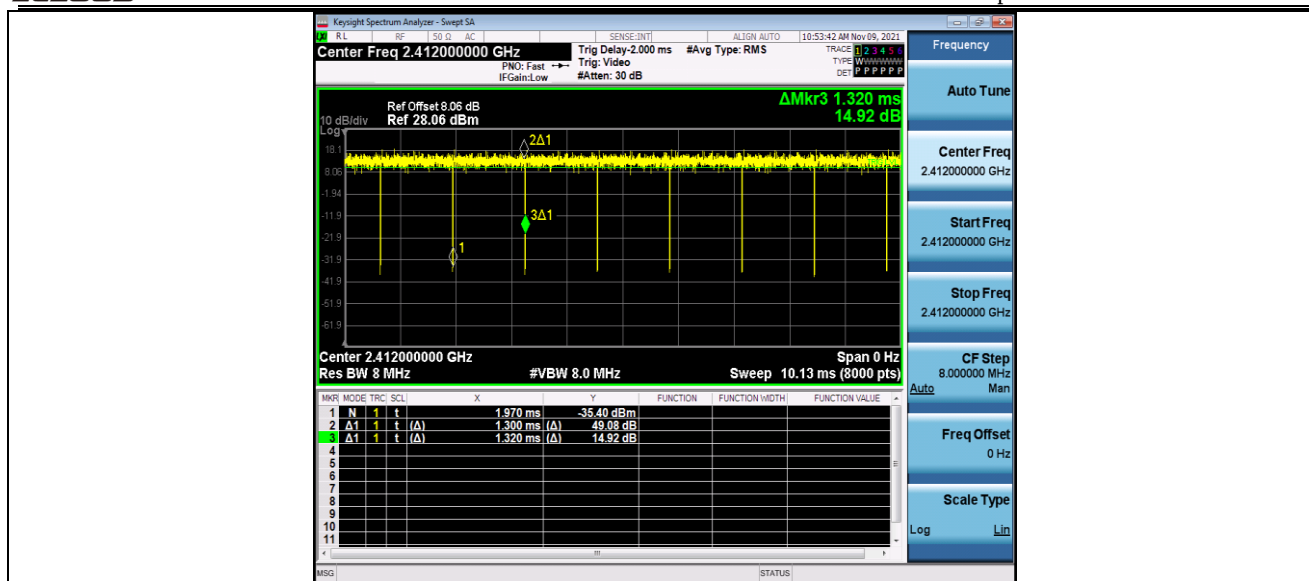
11G_Ant1_2437



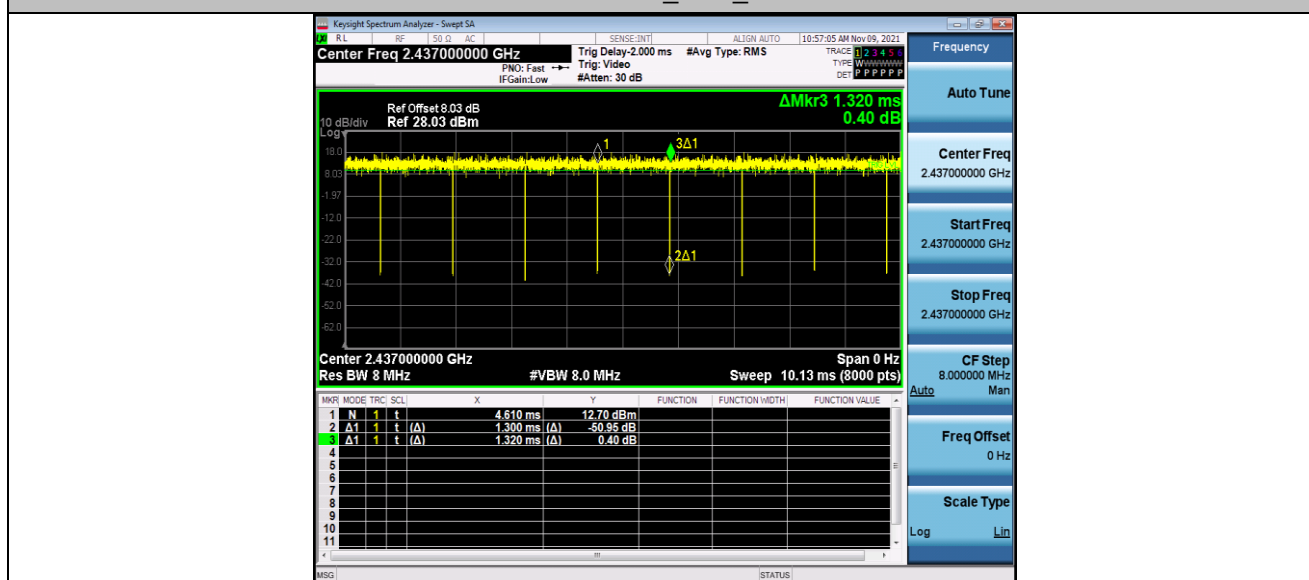
11G_Ant1_2462



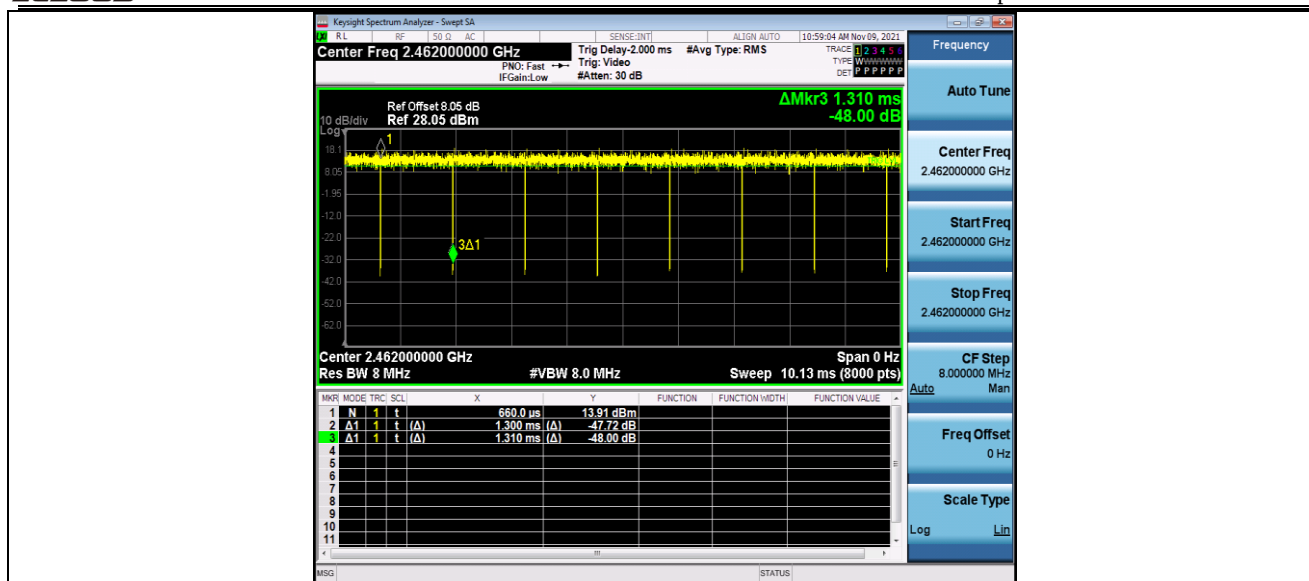
11N20SISO_Ant1_2412



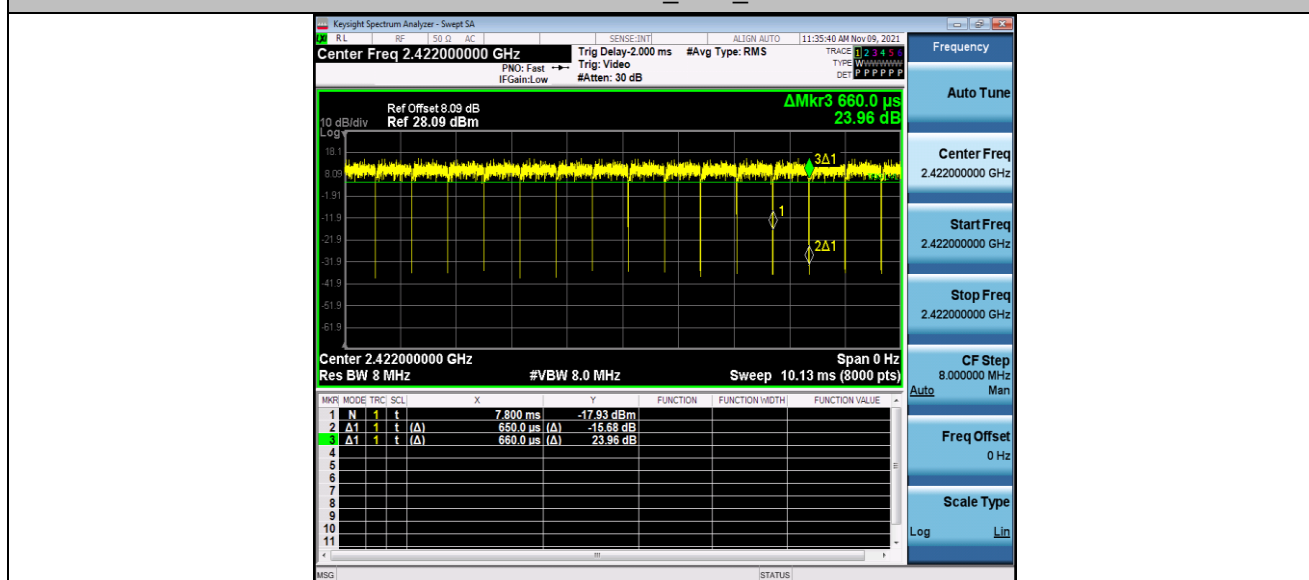
11N20SISO_Ant1_2437



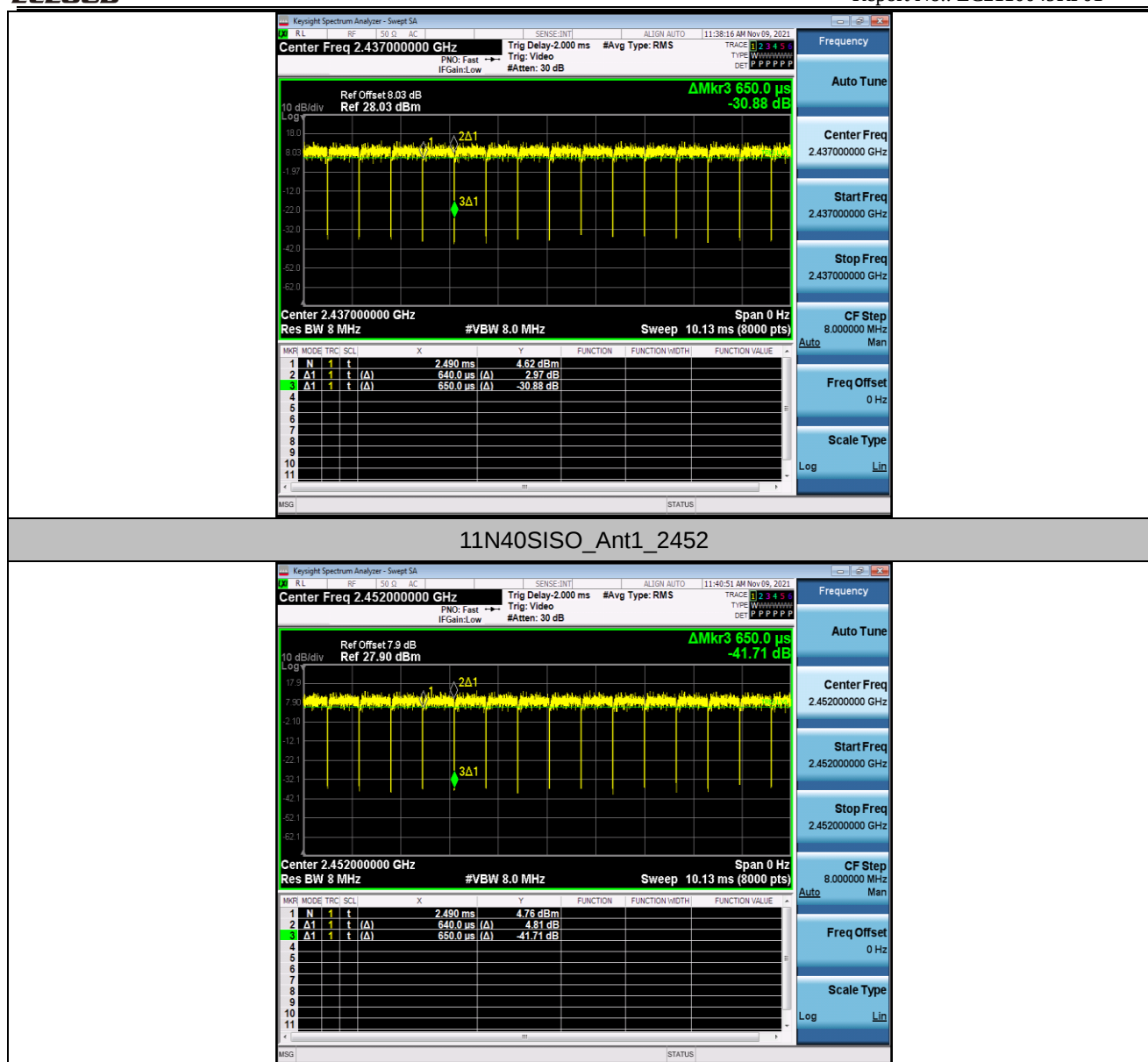
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.33	-17.33	≤8	PASS
		2437	-8.02	-18.02	≤8	PASS
		2462	-7	-17	≤8	PASS
11G	Ant1	2412	-11.58	-21.58	≤8	PASS
		2437	-11.82	-21.82	≤8	PASS
		2462	-11.12	-21.12	≤8	PASS
11N20SISO	Ant1	2412	-12.57	-22.57	≤8	PASS
		2437	-13.35	-23.35	≤8	PASS
		2462	-12.22	-22.22	≤8	PASS
11N40SISO	Ant1	2422	-15.64	-25.64	≤8	PASS
		2437	-16.22	-26.22	≤8	PASS
		2452	-16.56	-26.56	≤8	PASS

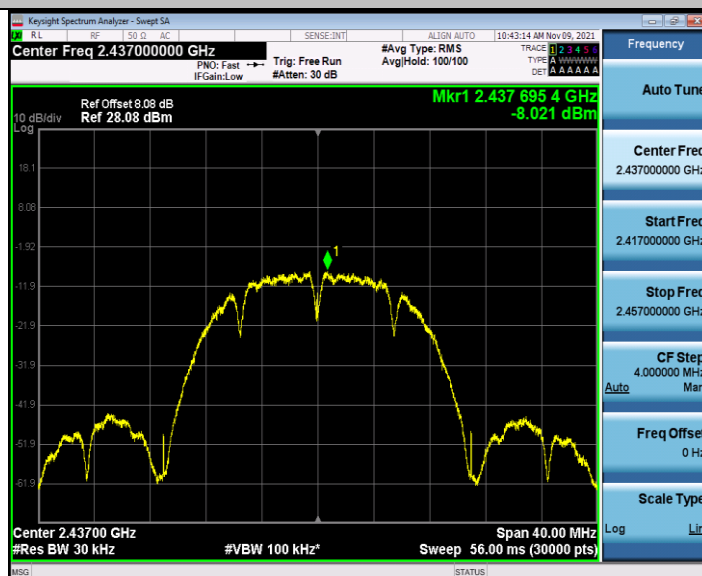
Result[dBm/3kHz]= Result[dBm/30kHz]-10*log10(30/3)

Test Graphs

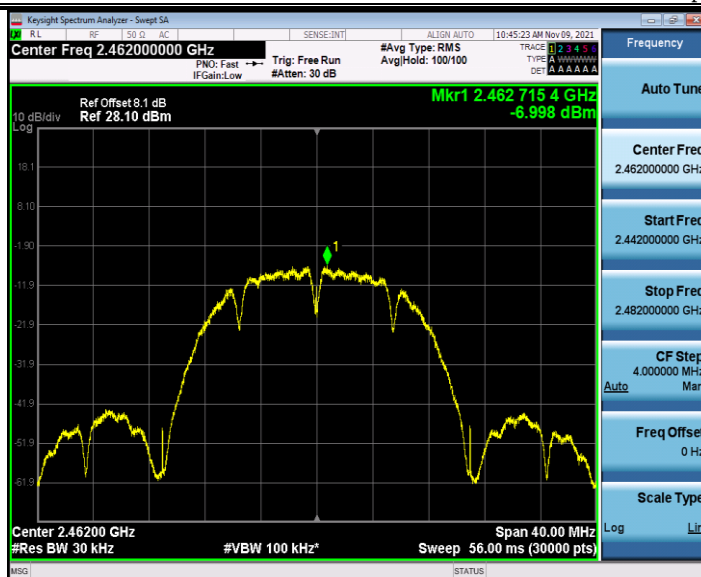
11B_Ant1_2412



11B_Ant1_2437



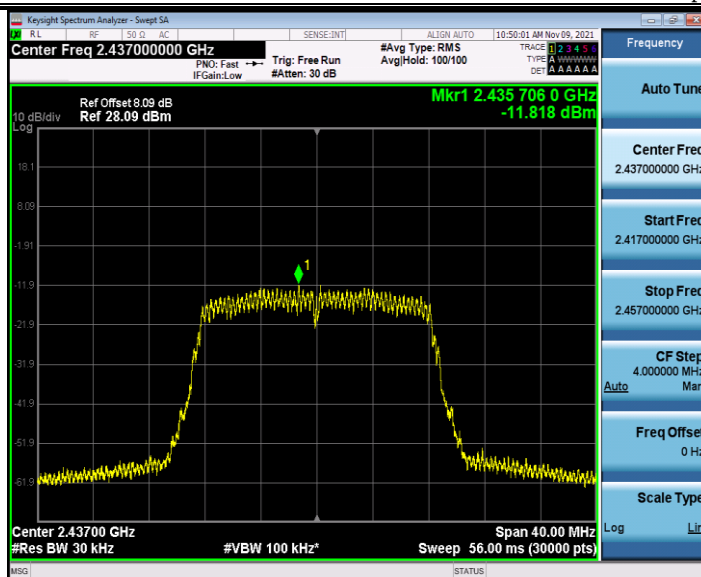
11B_Ant1_2462



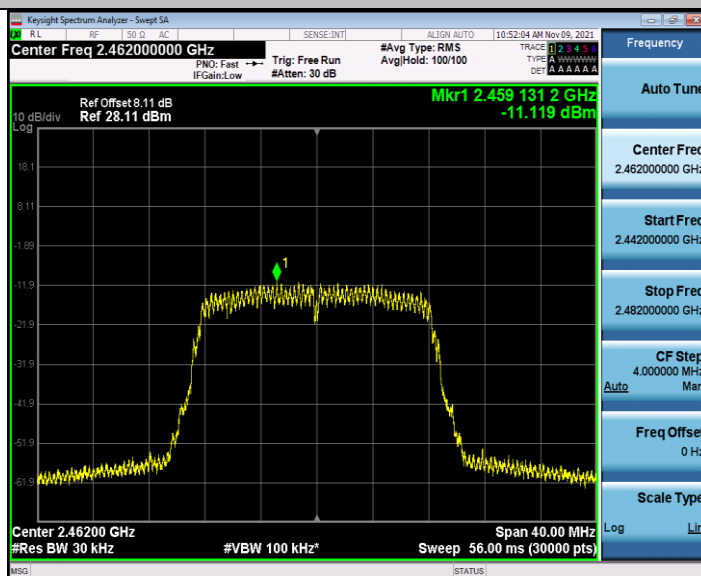
11G_Ant1_2412



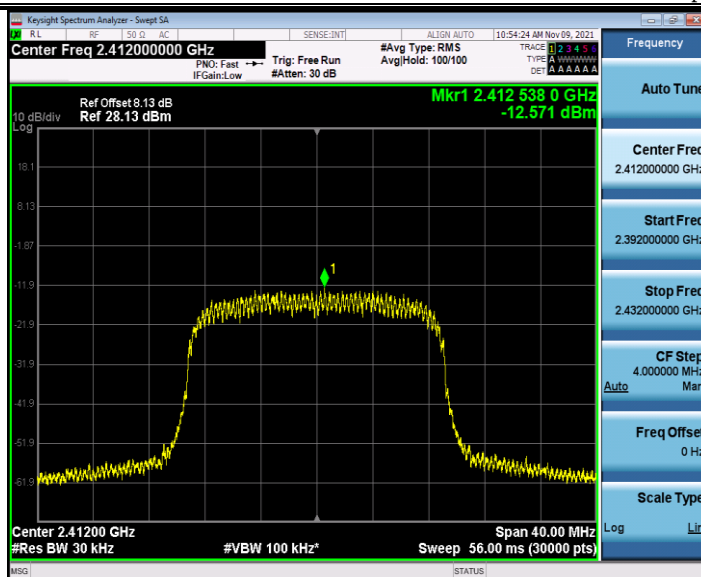
11G_Ant1_2437



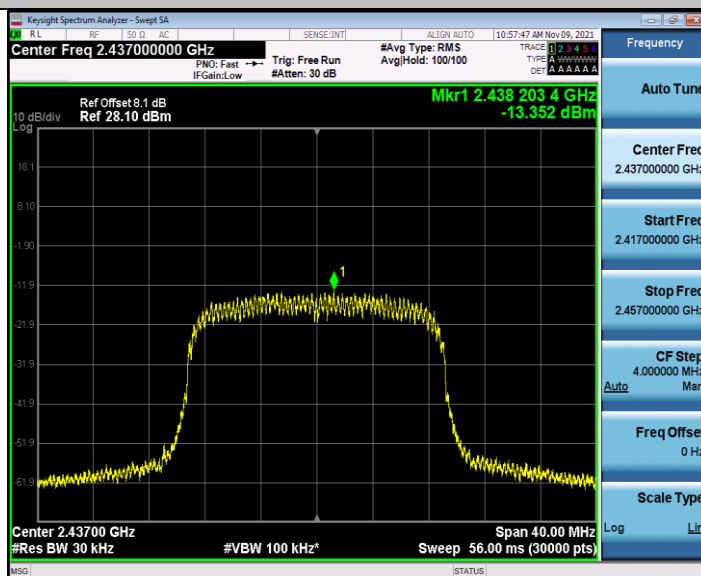
11G_Ant1_2462



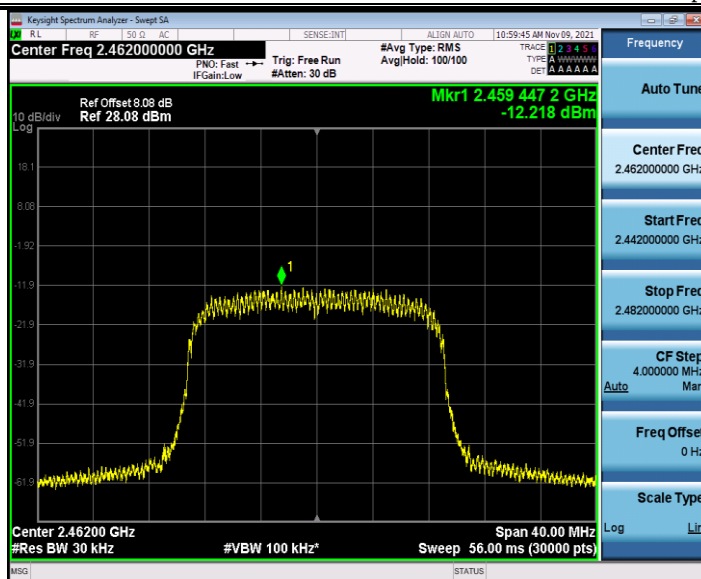
11N20SISO_Ant1_2412



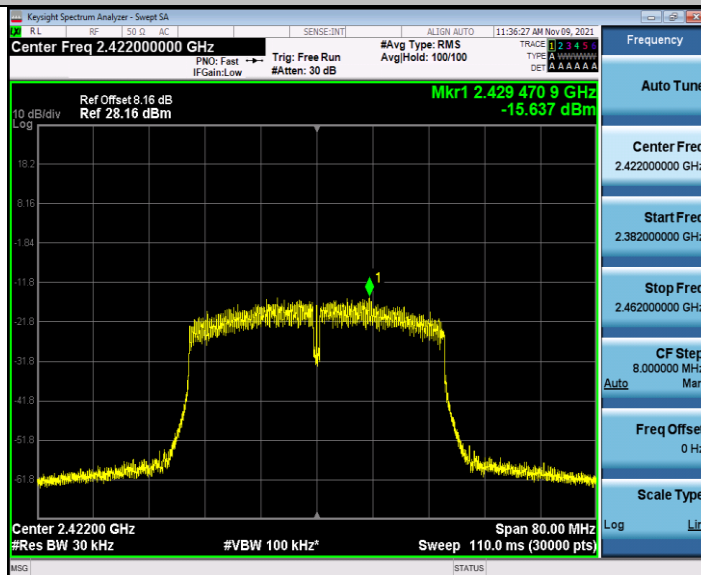
11N20SISO_Ant1_2437



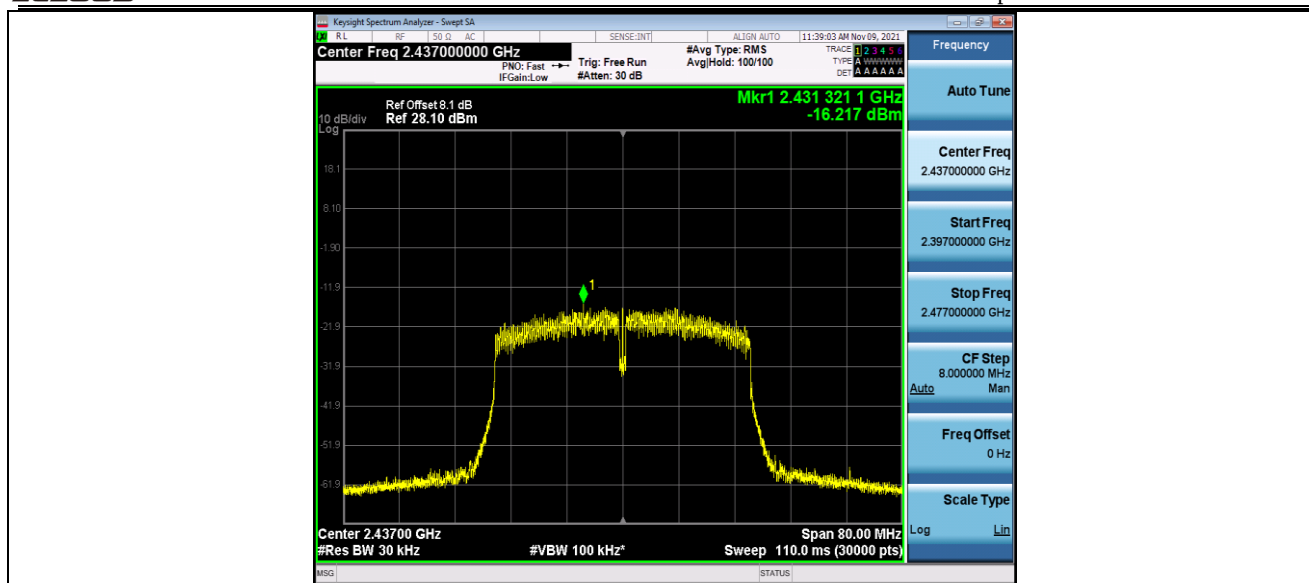
11N20SISO_Ant1_2462



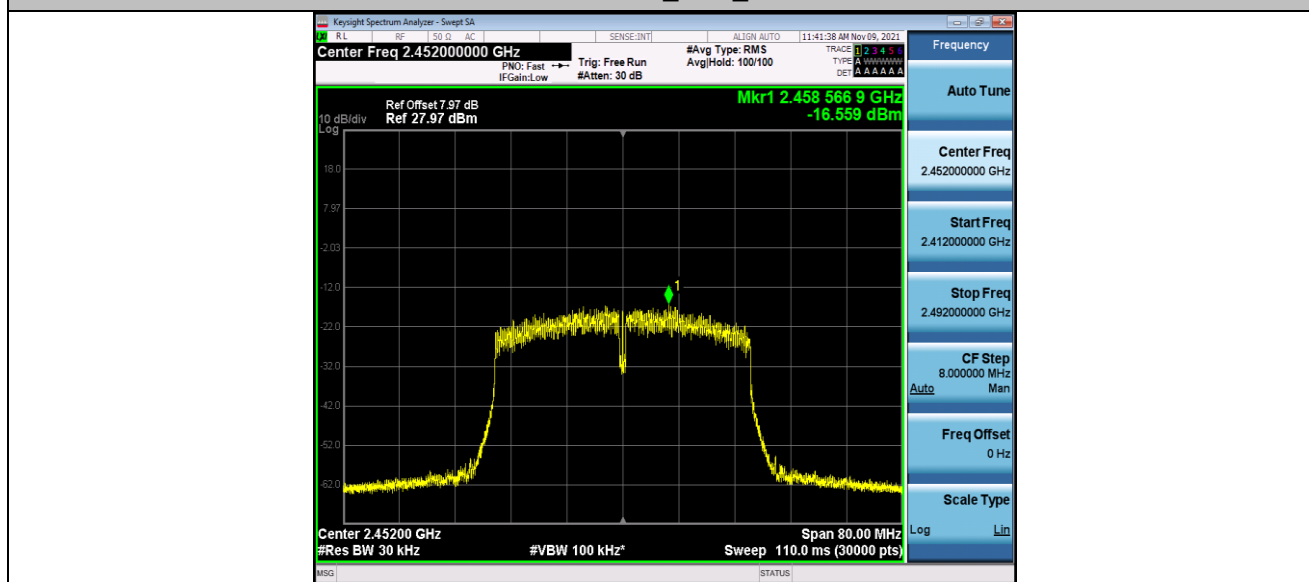
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix F: Band edge measurements

Test Result

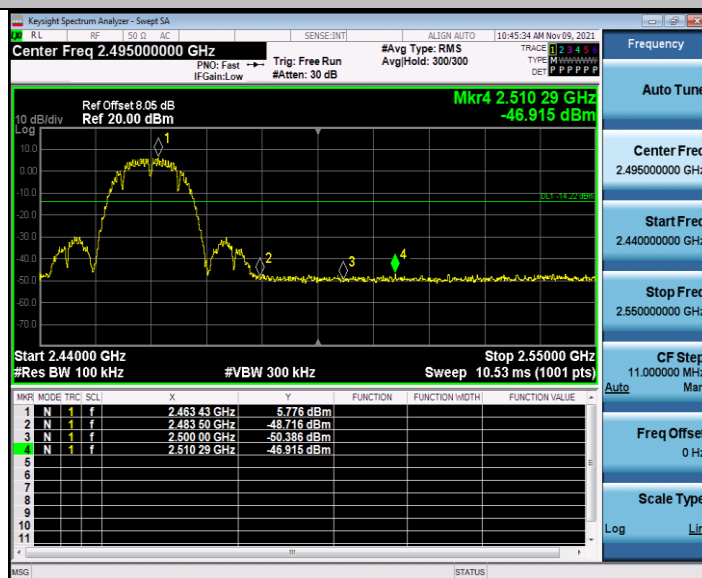
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.41	-29.91	≤ -14.59	PASS
		High	2462	5.78	-46.92	≤ -14.22	PASS
11G	Ant1	Low	2412	1.18	-38.08	≤ -18.82	PASS
		High	2462	1.36	-45.74	≤ -18.64	PASS
11N20SISO	Ant1	Low	2412	3.42	-39.85	≤ -16.58	PASS
		High	2462	2.08	-46.02	≤ -17.92	PASS
11N40SISO	Ant1	Low	2422	-3.31	-39.89	≤ -23.31	PASS
		High	2452	-4.16	-43.84	≤ -24.16	PASS

Test Graphs

11B_Ant1_Low_2412



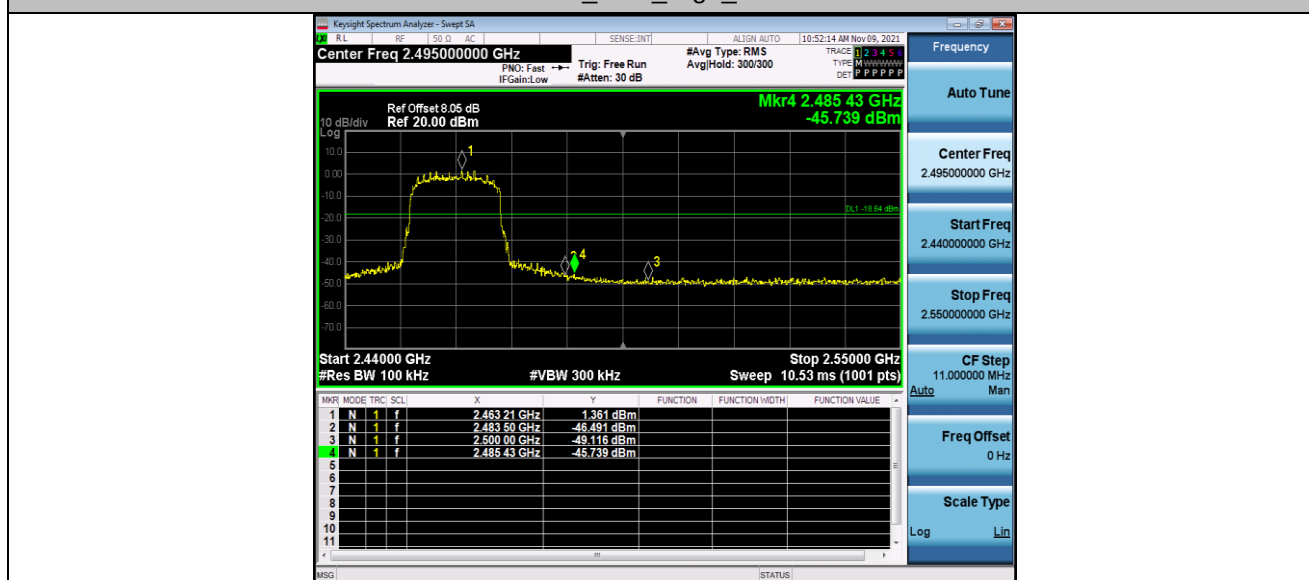
11B_Ant1_High_2462



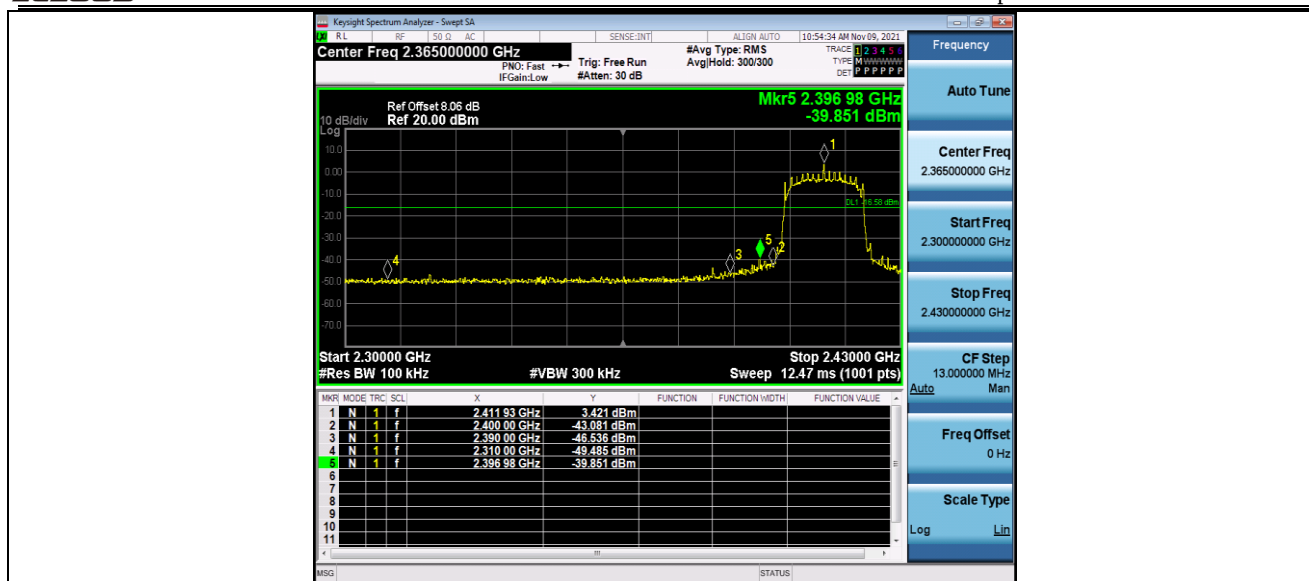
11G_Ant1_Low_2412



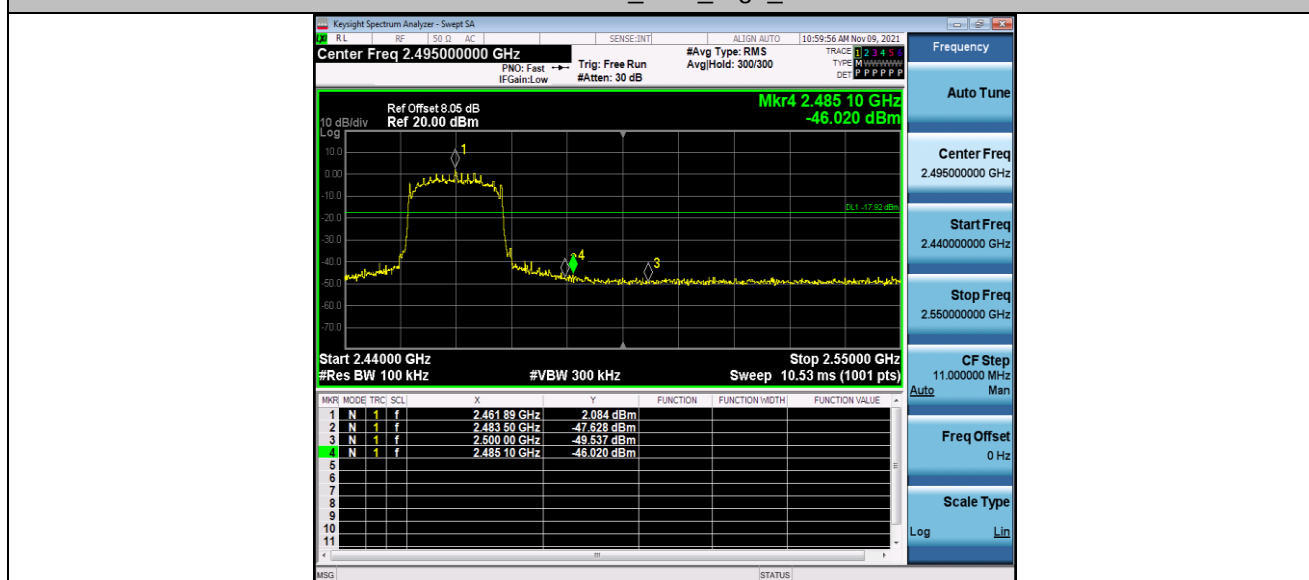
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



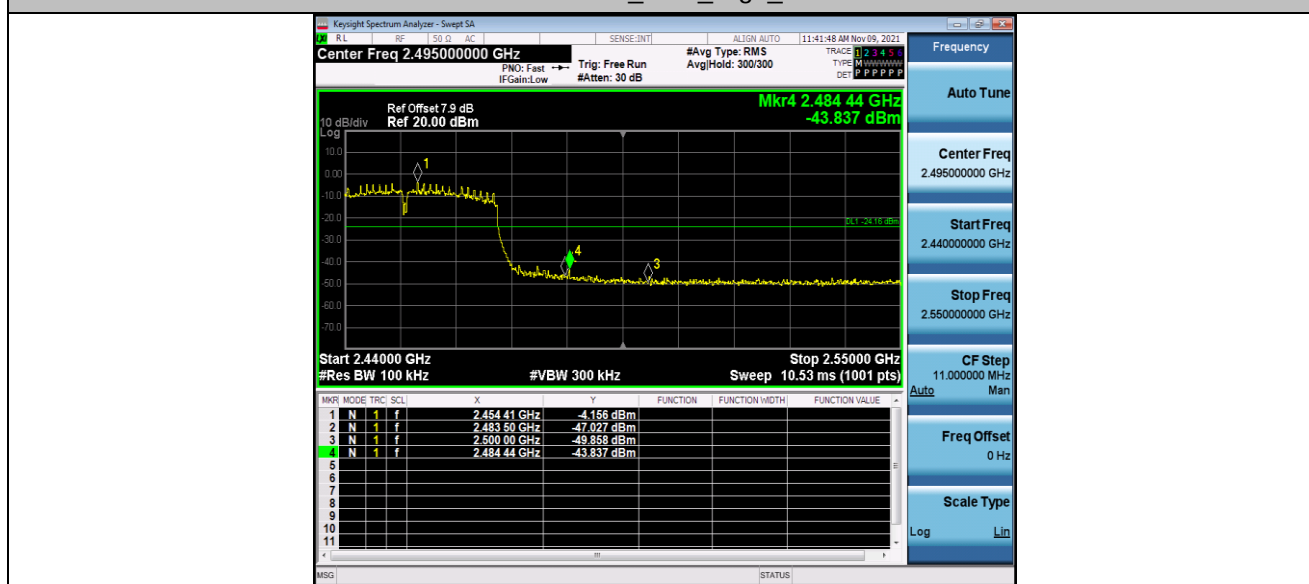
11N20SISO_Ant1_High_2462



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	5.25	5.25	---	PASS
			30~1000	5.25	-58.27	≤ -24.75	PASS
			1000~26500	5.25	-37.64	≤ -24.75	PASS
		2437	Reference	4.76	4.76	---	PASS
			30~1000	4.76	-58.49	≤ -25.24	PASS
			1000~26500	4.76	-38.56	≤ -25.24	PASS
		2462	Reference	5.86	5.86	---	PASS
			30~1000	5.86	-59.05	≤ -24.15	PASS
			1000~26500	5.86	-38.79	≤ -24.15	PASS
11G	Ant1	2412	Reference	0.33	0.33	---	PASS
			30~1000	0.33	-59.5	≤ -29.67	PASS
			1000~26500	0.33	-38.3	≤ -29.67	PASS
		2437	Reference	0.02	0.02	---	PASS
			30~1000	0.02	-59.22	≤ -29.98	PASS
			1000~26500	0.02	-37.94	≤ -29.98	PASS
		2462	Reference	1.58	1.58	---	PASS
			30~1000	1.58	-59.65	≤ -28.42	PASS
			1000~26500	1.58	-37.99	≤ -28.42	PASS
11N20SISO	Ant1	2412	Reference	3.22	3.22	---	PASS
			30~1000	3.22	-57.52	≤ -26.78	PASS
			1000~26500	3.22	-38.44	≤ -26.78	PASS
		2437	Reference	2.40	2.40	---	PASS
			30~1000	2.40	-58.37	≤ -27.6	PASS
			1000~26500	2.40	-38.83	≤ -27.6	PASS
		2462	Reference	0.93	0.93	---	PASS
			30~1000	0.93	-58.81	≤ -29.07	PASS
			1000~26500	0.93	-38.89	≤ -29.07	PASS
11N40SISO	Ant1	2422	Reference	-3.39	-3.39	---	PASS
			30~1000	-3.39	-59.33	≤ -33.39	PASS
			1000~26500	-3.39	-38.55	≤ -33.39	PASS

		2437	Reference	-4.39	-4.39	---	PASS
			30~1000	-4.39	-59.49	≤ -34.39	PASS
			1000~26500	-4.39	-38.9	≤ -34.39	PASS
		2452	Reference	-4.39	-4.39	---	PASS
			30~1000	-4.39	-59.39	≤ -34.39	PASS
			1000~26500	-4.39	-38.38	≤ -34.39	PASS

Test Graphs

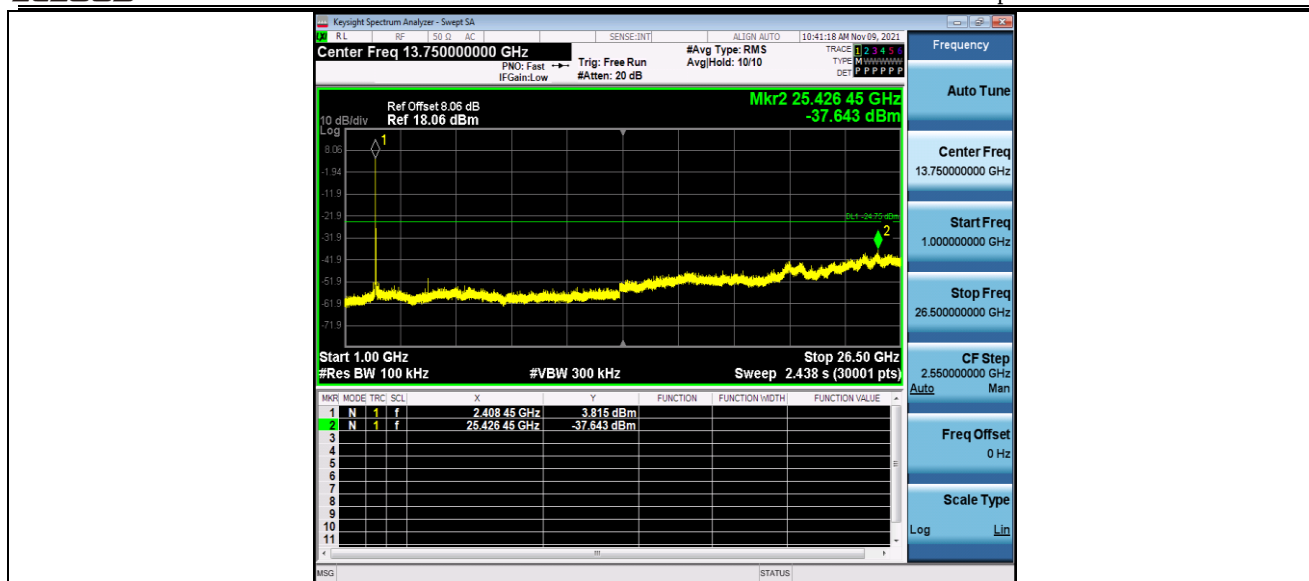
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



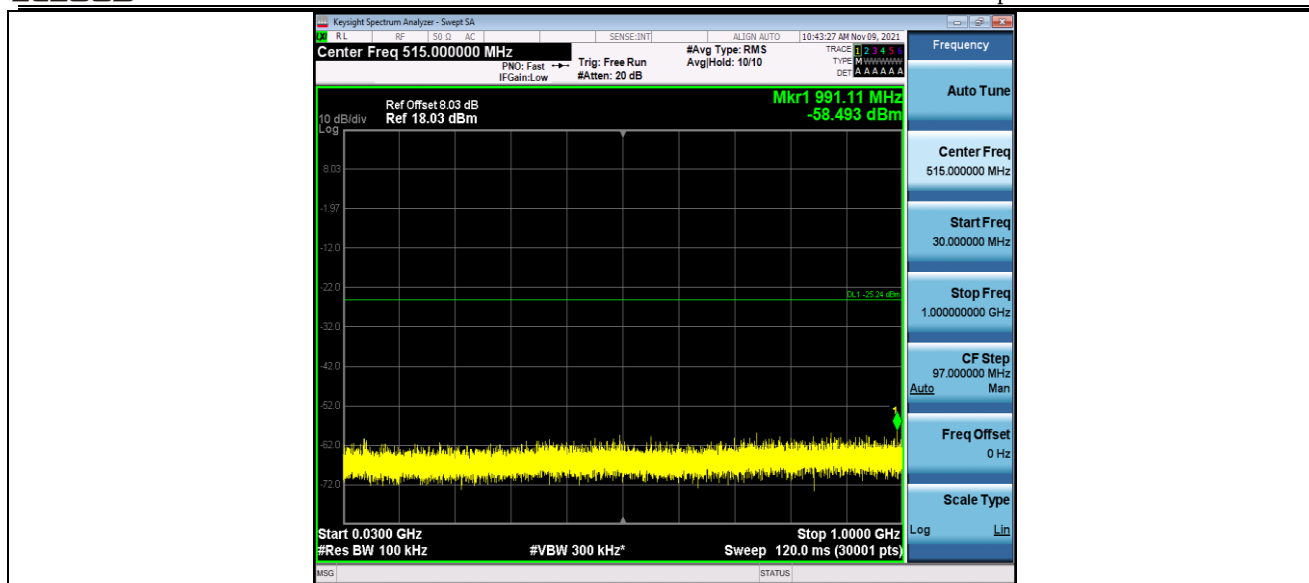
11B_Ant1_2412_1000~26500



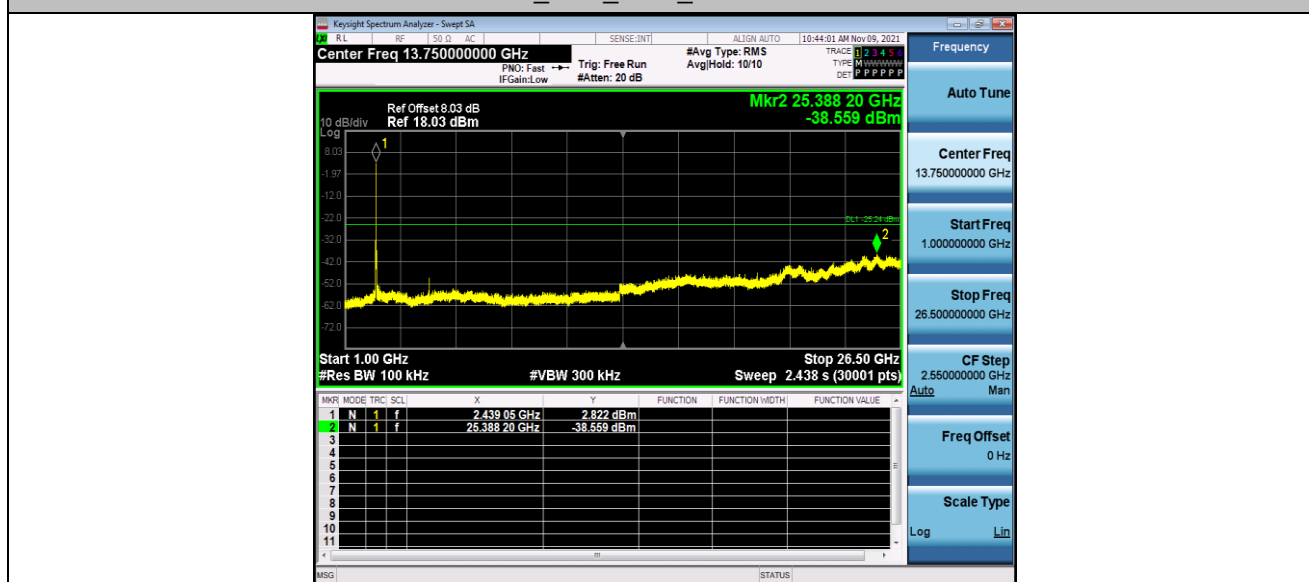
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000-26500



11B_Ant1_2462_0-Reference