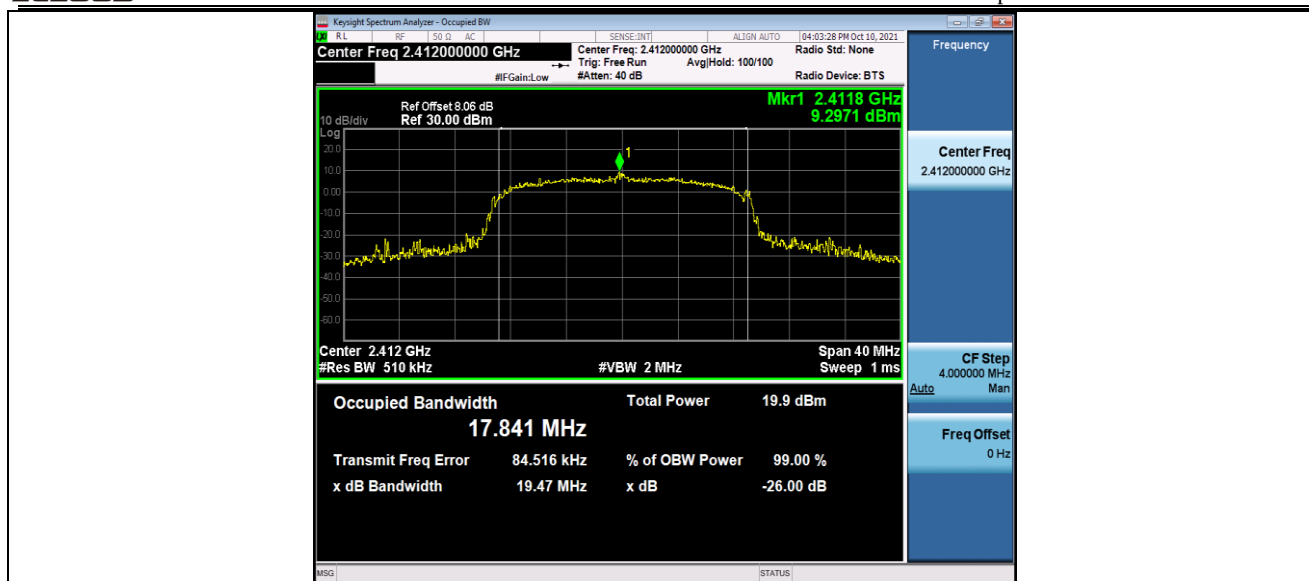
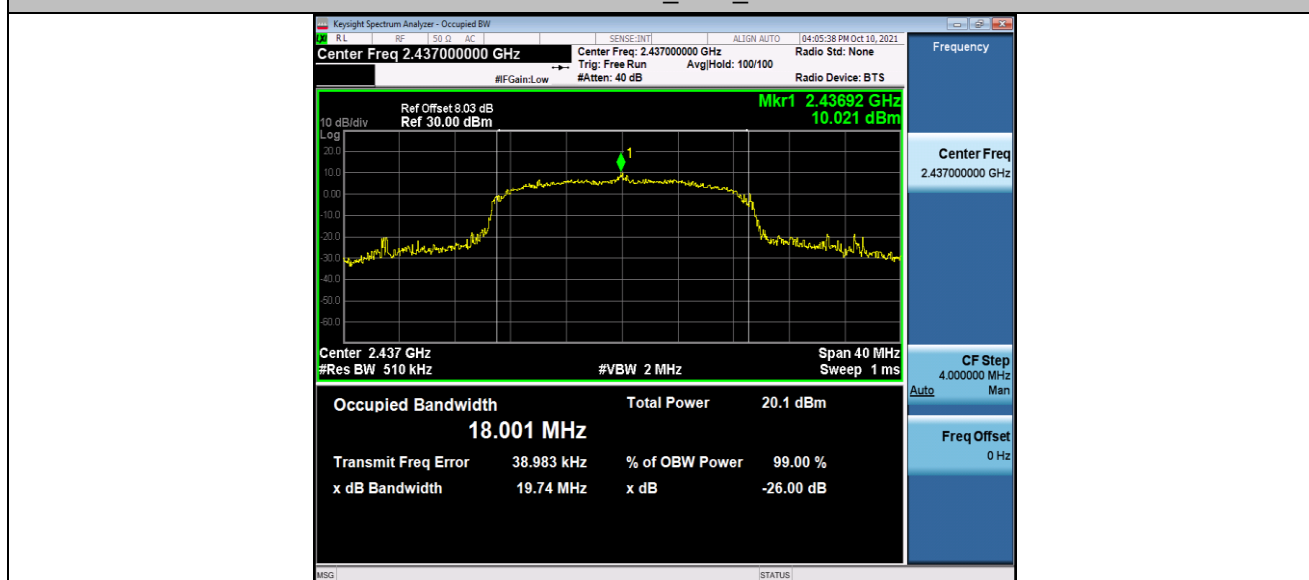
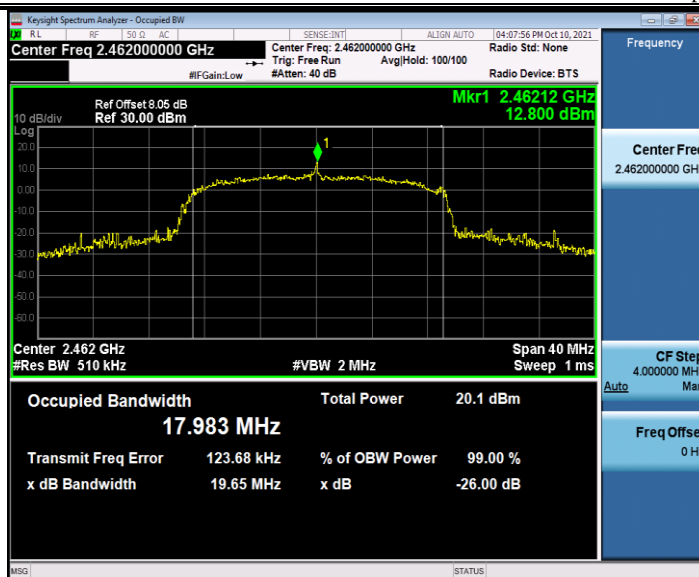




11N20SISO_Ant1_2437



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	17.34	<=30	4.6	21.94	36.02	PASS
		2437	17.56	<=30	4.6	22.16	36.02	PASS
		2462	17.43	<=30	4.6	22.03	36.02	PASS
11G	Ant1	2412	14.59	<=30	4.6	19.19	36.02	PASS
		2437	14.65	<=30	4.6	19.25	36.02	PASS
		2462	14.60	<=30	4.6	19.2	36.02	PASS
11N20SISO	Ant1	2412	13.55	<=30	4.6	18.15	36.02	PASS
		2437	13.68	<=30	4.6	18.28	36.02	PASS
		2462	13.74	<=30	4.6	18.34	36.02	PASS
11N40SISO	Ant1	2422	12.62	<=30	4.6	17.22	36.02	PASS
		2437	12.57	<=30	4.6	17.17	36.02	PASS
		2452	12.17	<=30	4.6	16.77	36.02	PASS

Test Graphs

11B_Ant1_2412



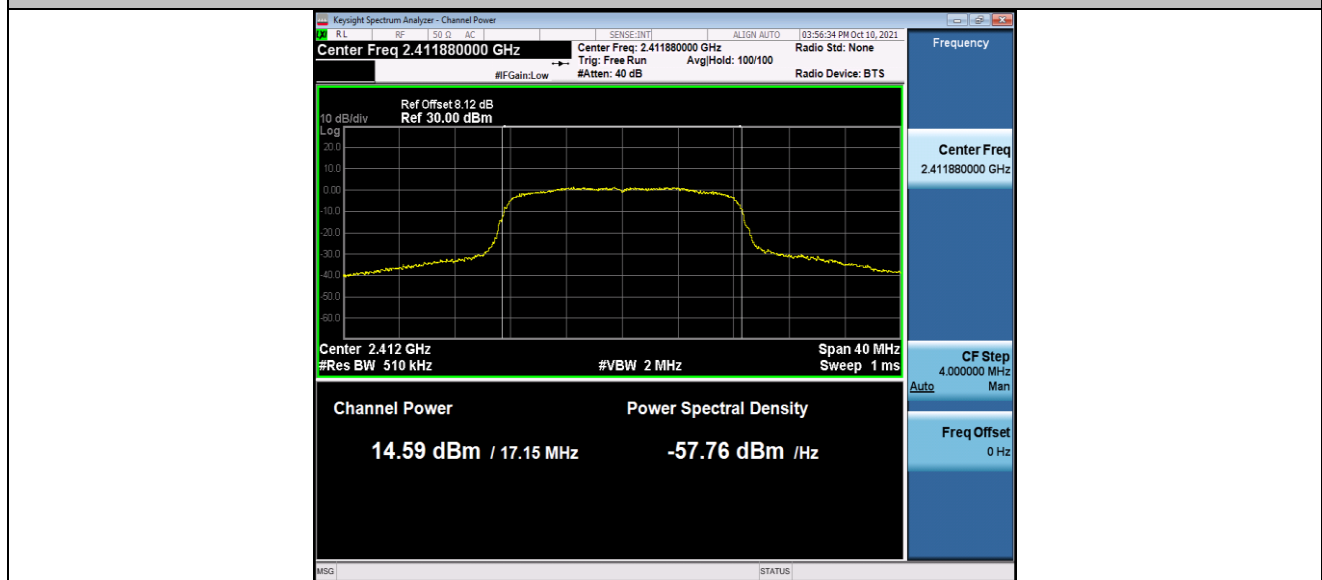
11B_Ant1_2437



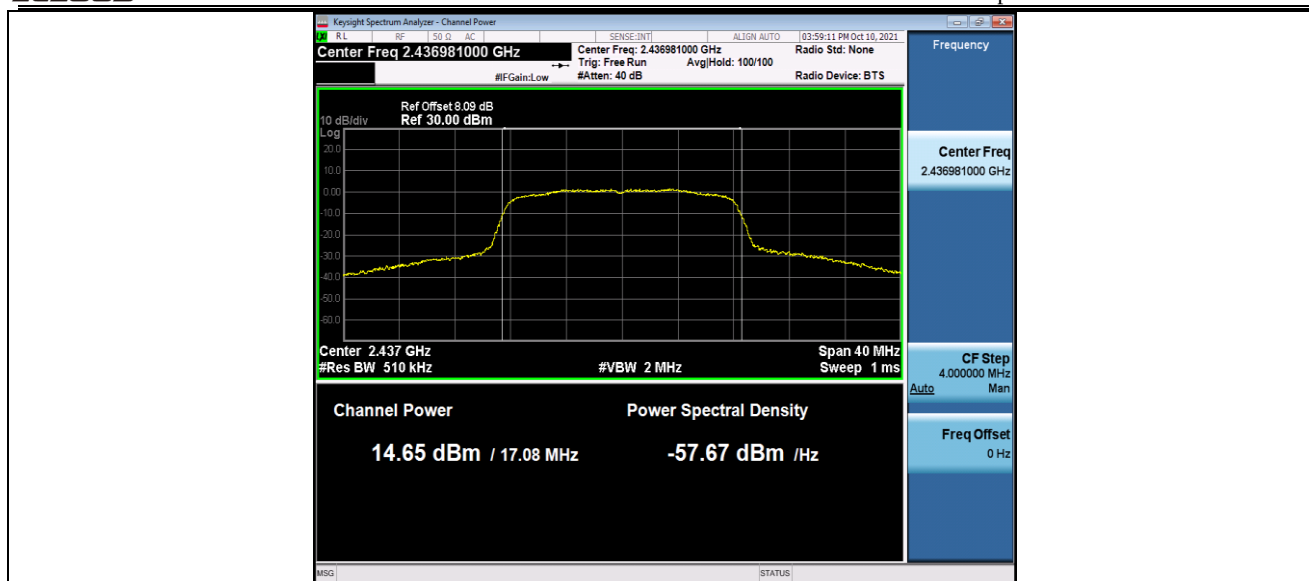
11B_Ant1_2462



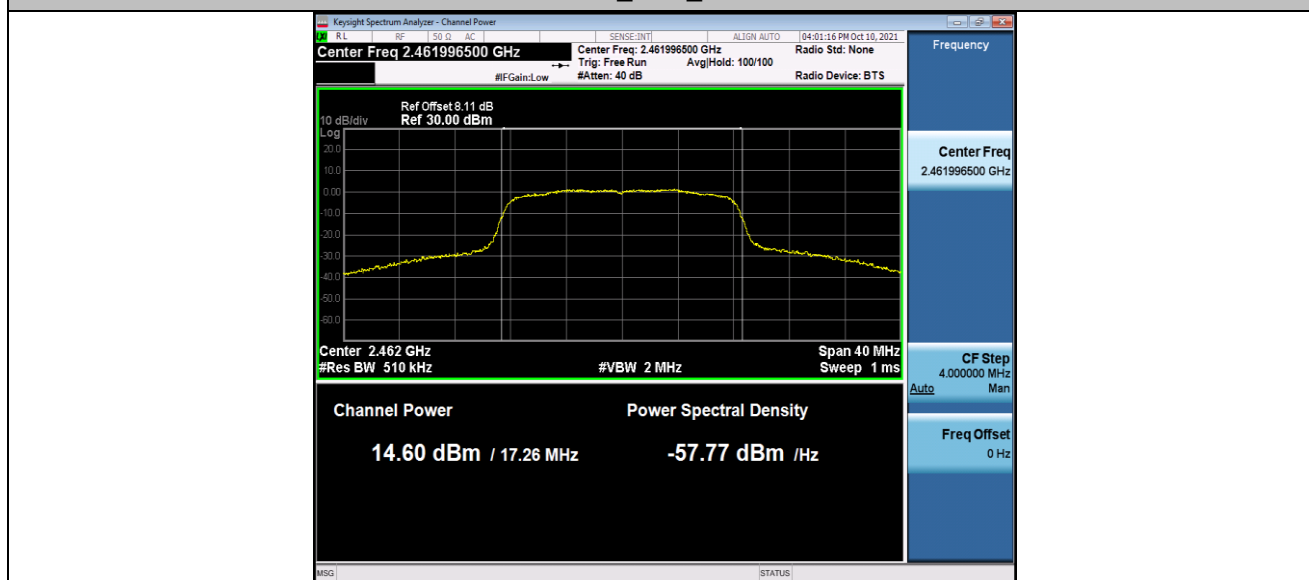
11G_Ant1_2412



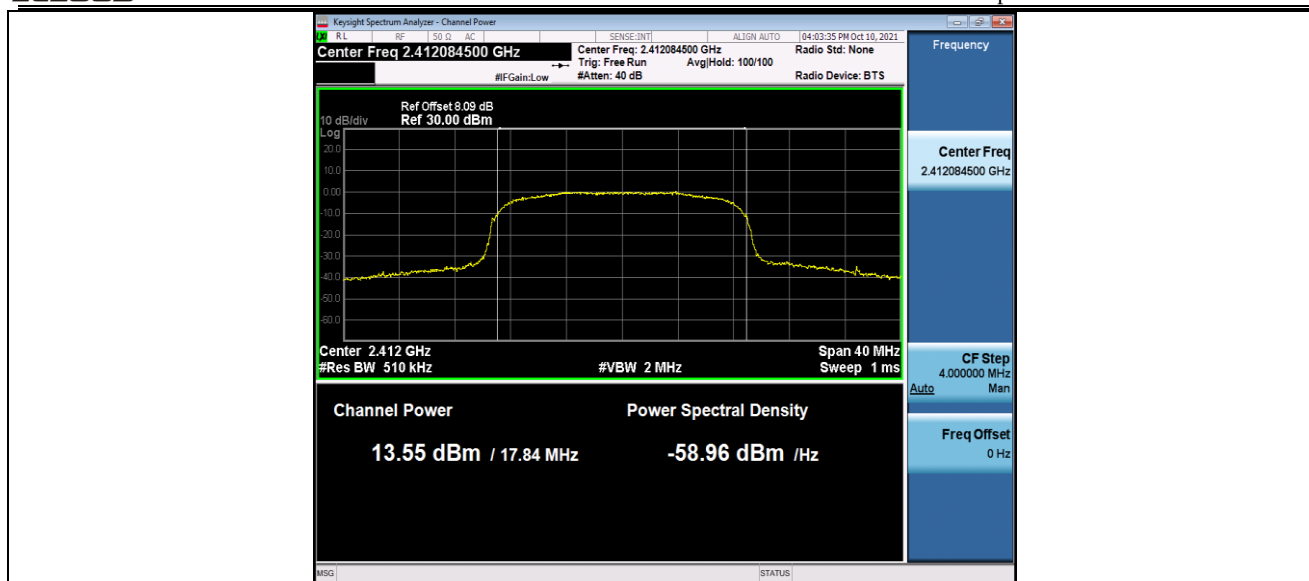
11G_Ant1_2437



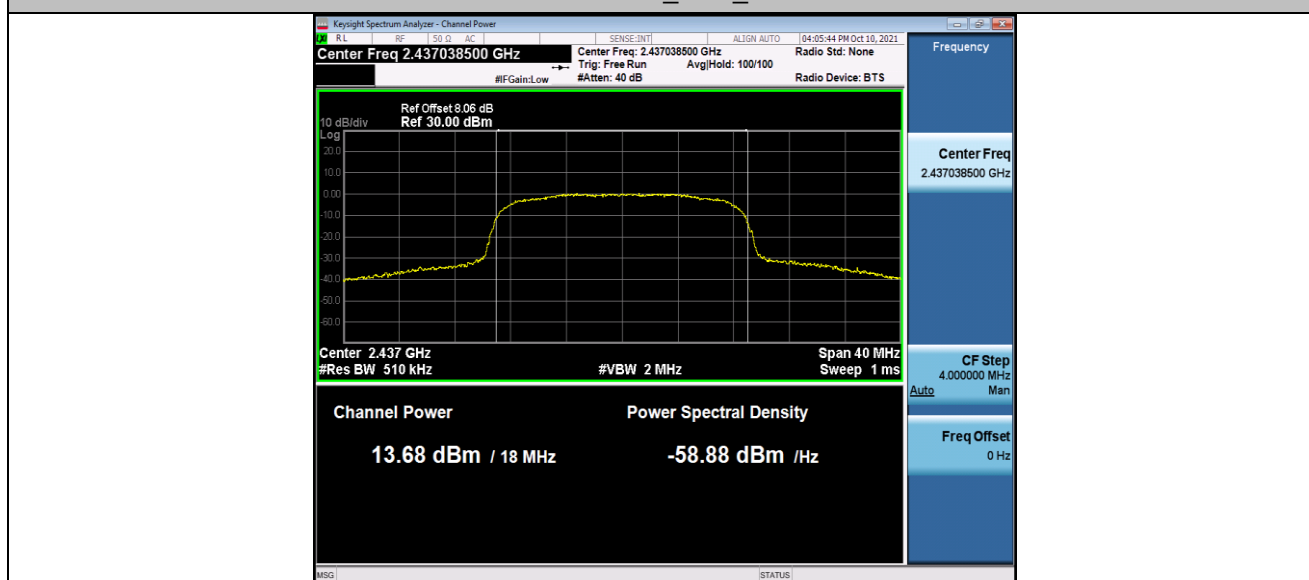
11G_Ant1_2462



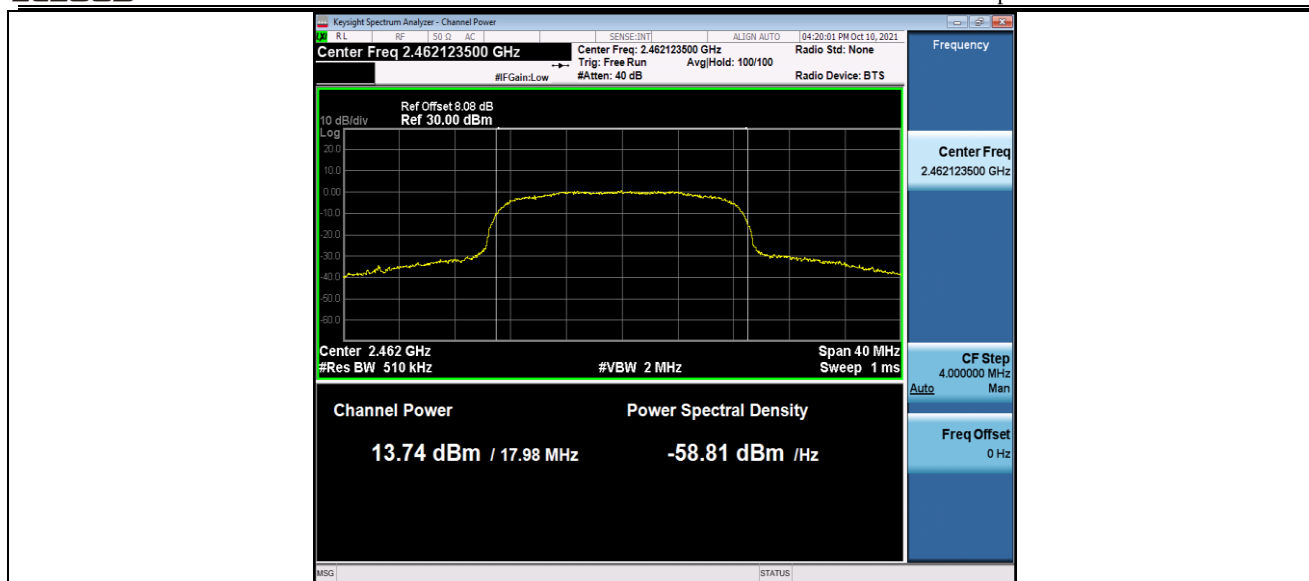
11N20SISO_Ant1_2412



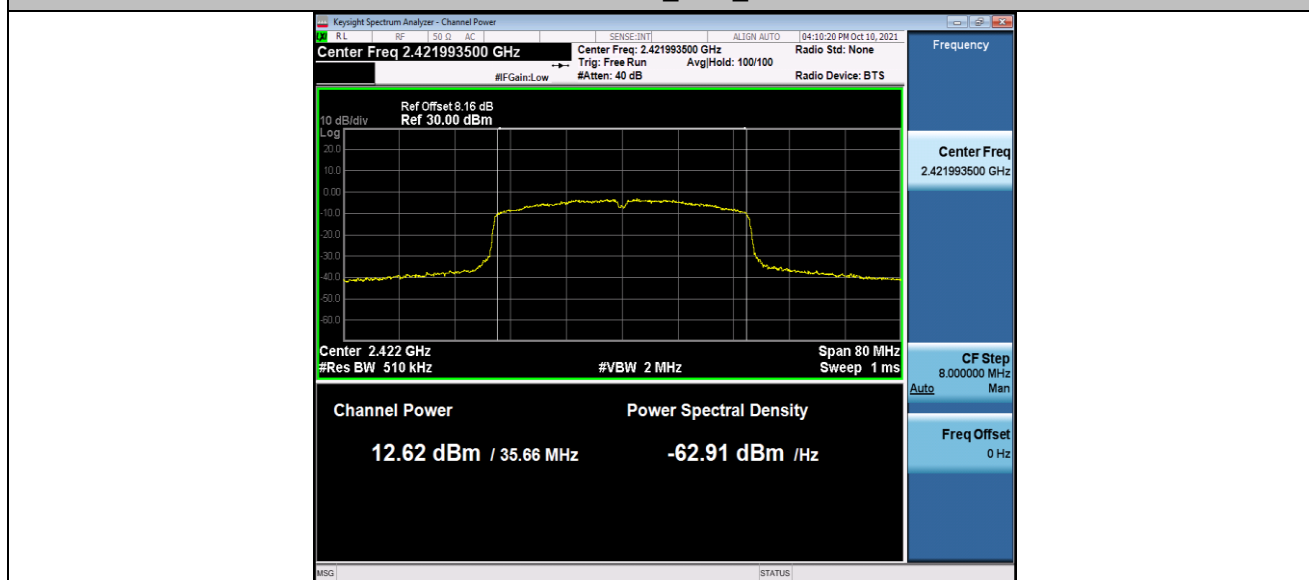
11N20SISO_Ant1_2437



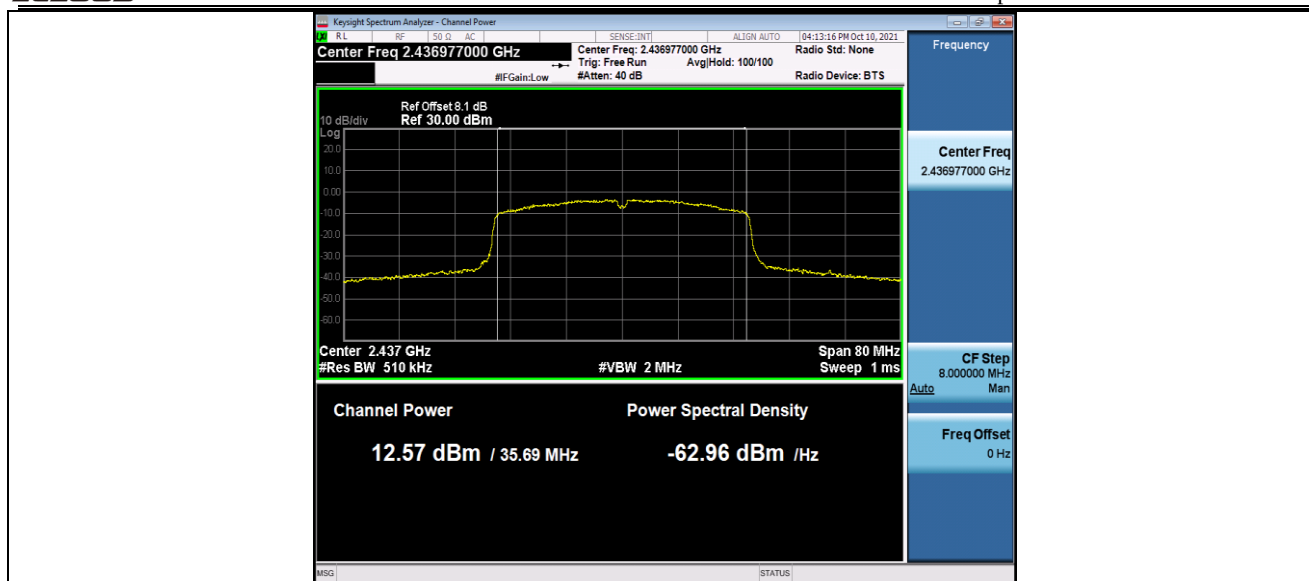
11N20SISO_Ant1_2462



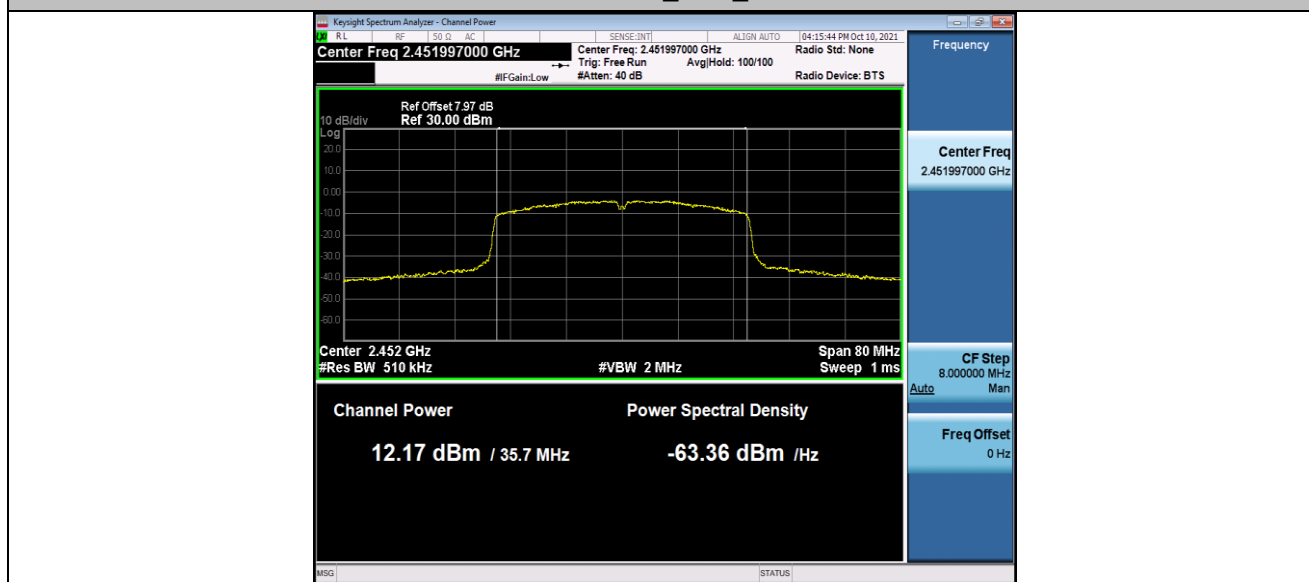
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



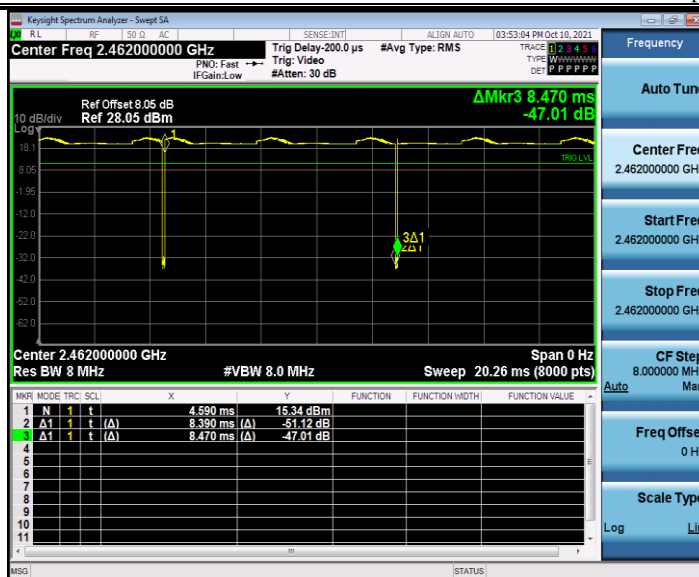
Appendix D: Duty Cycle

Test Result

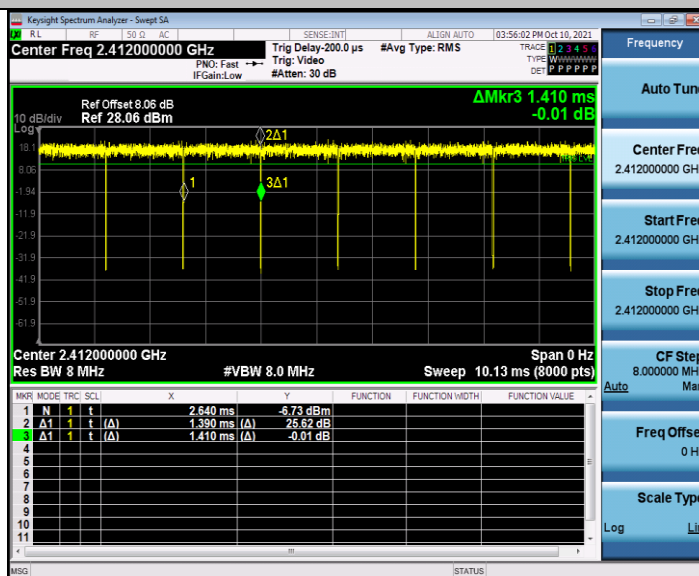
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.38	8.47	98.94	---	PASS
		2437	8.39	8.47	99.06	---	PASS
		2462	8.39	8.47	99.06	---	PASS
11G	Ant1	2412	1.39	1.41	98.58	---	PASS
		2437	1.39	1.41	98.58	---	PASS
		2462	1.39	1.41	98.58	---	PASS
11N20SISO	Ant1	2412	1.30	1.31	99.24	---	PASS
		2437	1.30	1.31	99.24	---	PASS
		2462	1.30	1.31	99.24	---	PASS
11N40SISO	Ant1	2422	0.64	0.65	98.46	---	PASS
		2437	0.65	0.66	98.48	---	PASS
		2452	0.64	0.65	98.46	---	PASS

Test Graphs

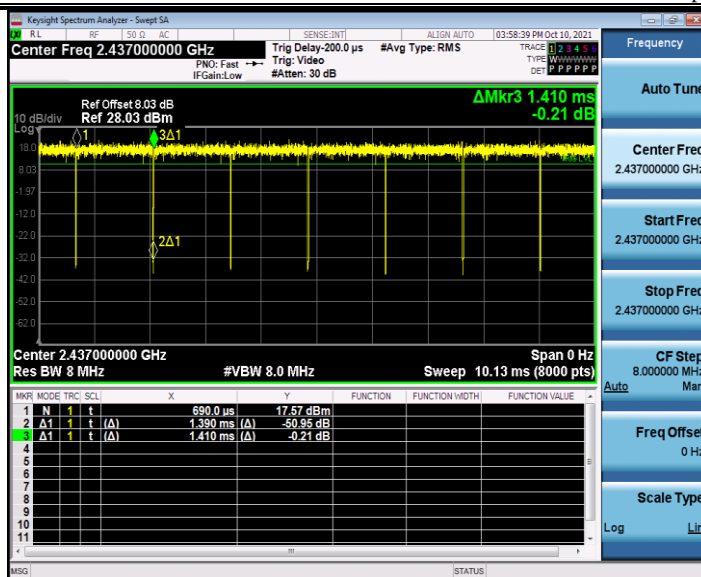




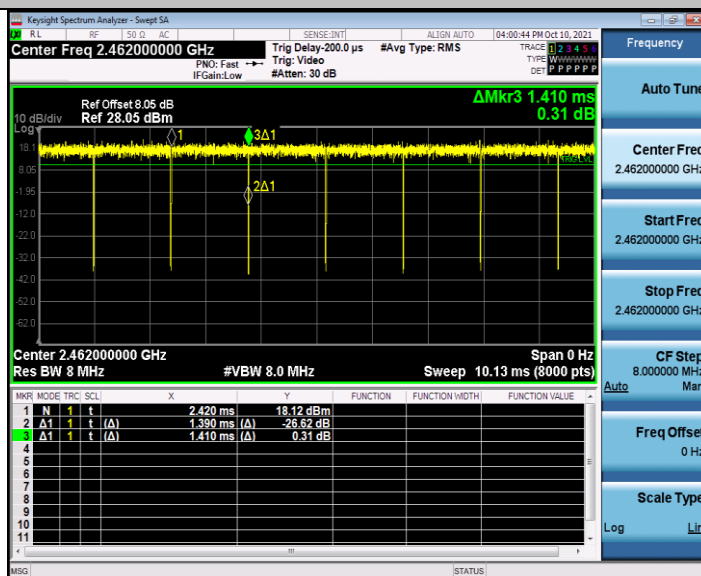
11G Ant1 2412



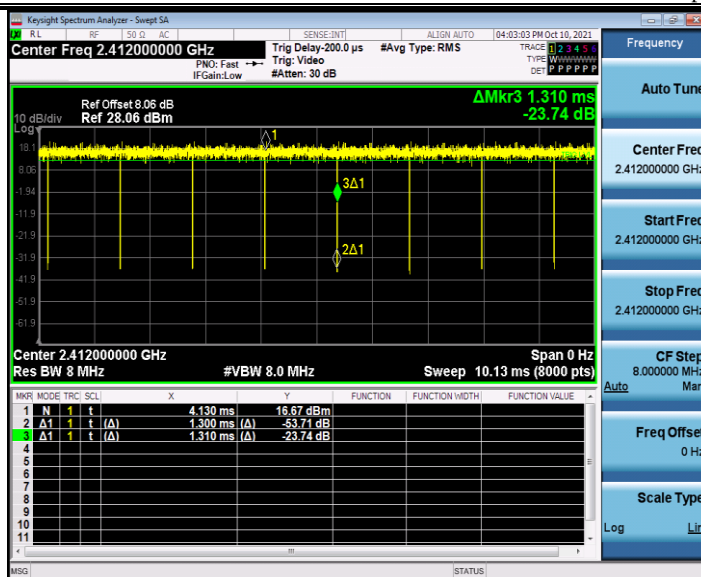
11G Ant1 2437



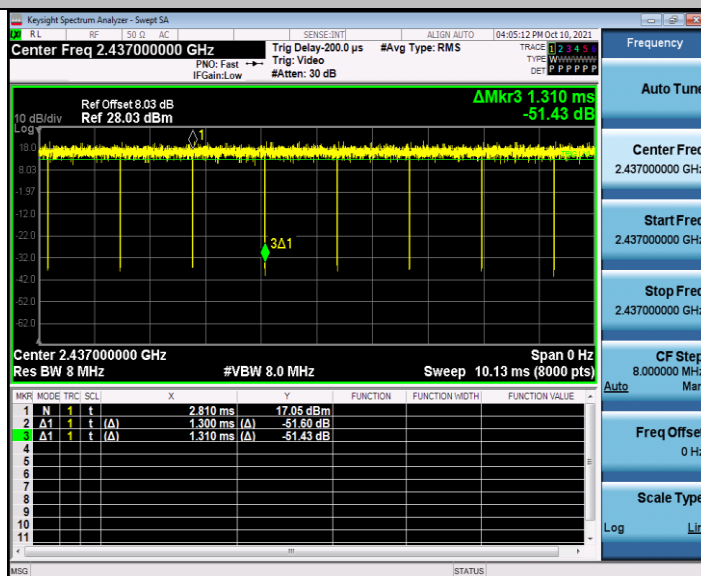
11G_Ant1_2462



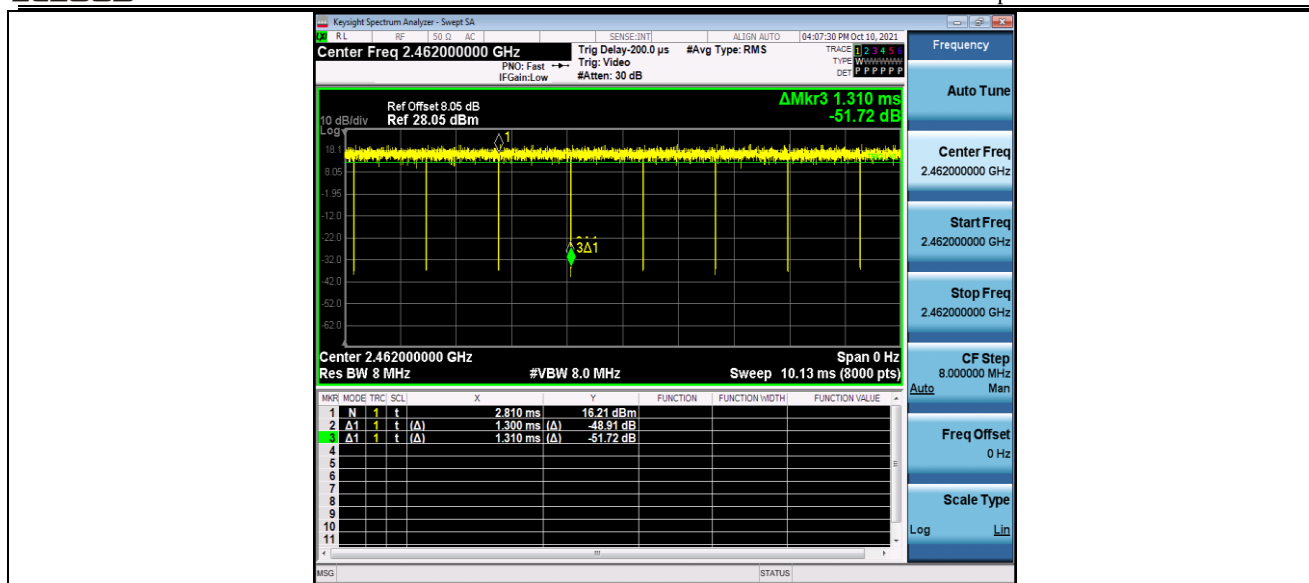
11N20SISO Ant1 2412



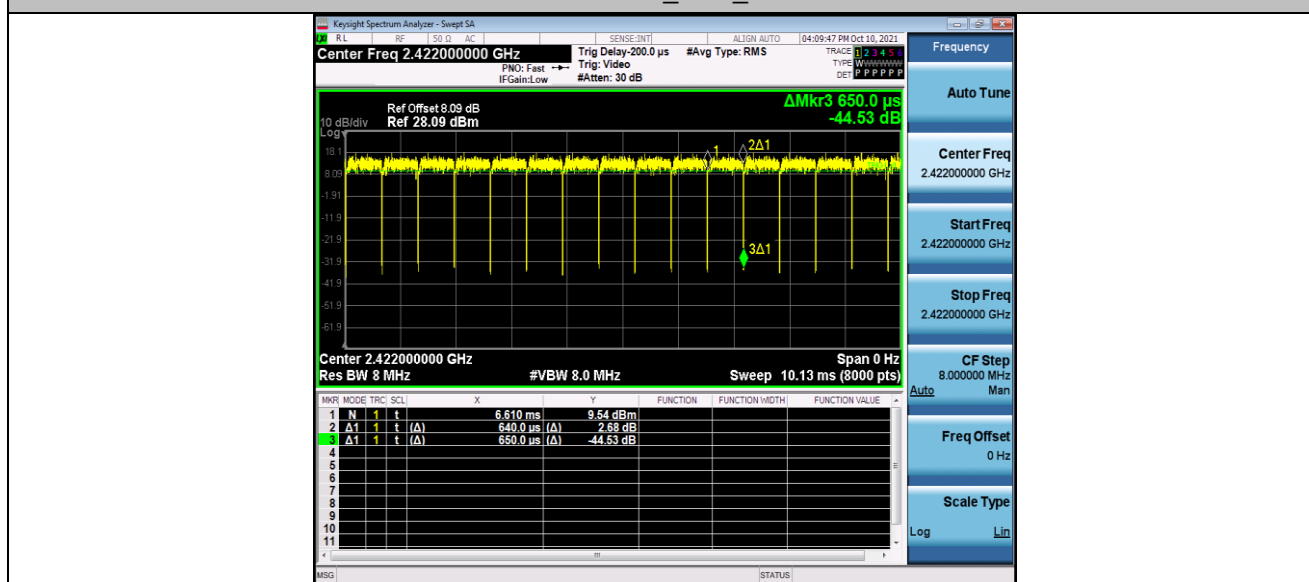
11N20SISO_Ant1_2437



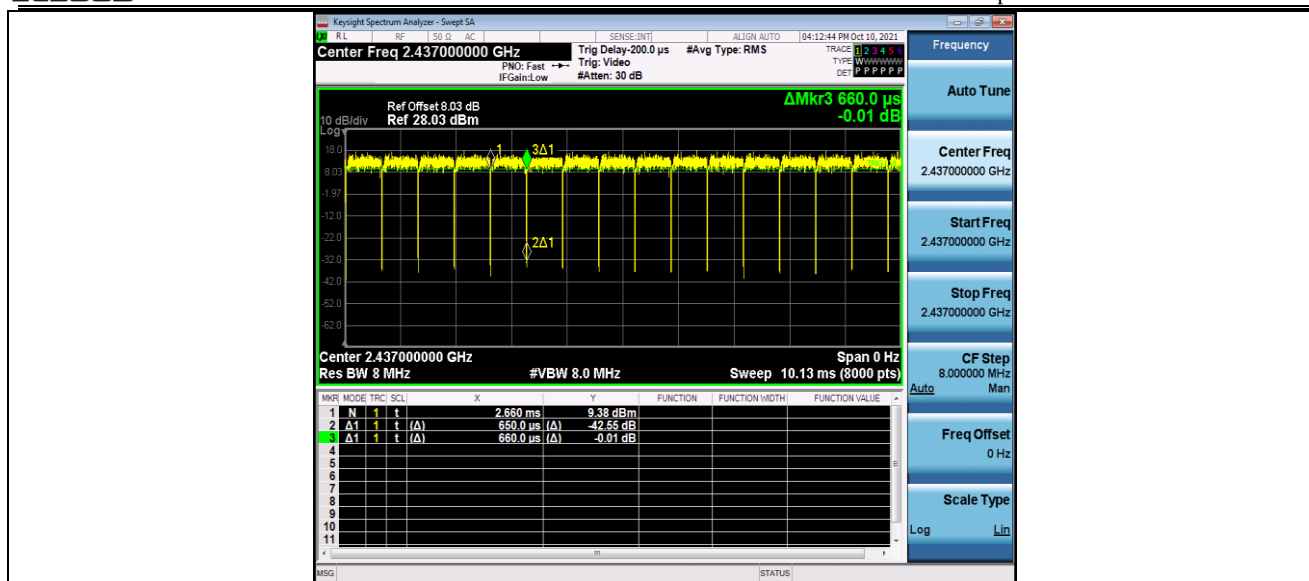
11N20SISO_Ant1_2462



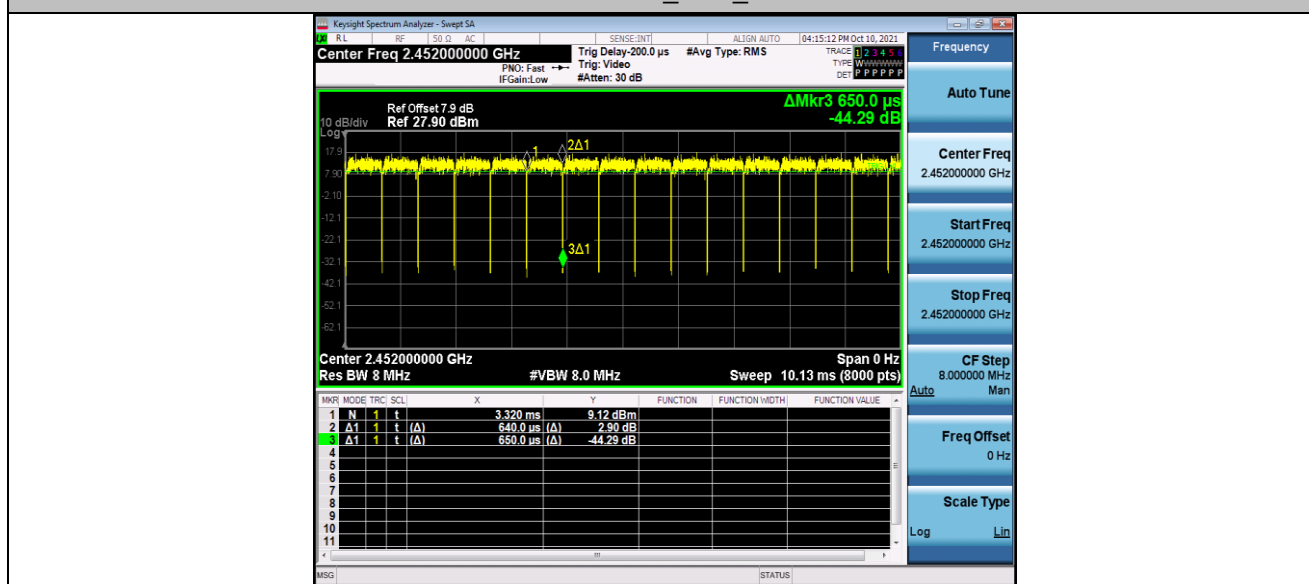
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3/kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.56	≤8	PASS
		2437	-15.32	≤8	PASS
		2462	-15.4	≤8	PASS
11G	Ant1	2412	-17.27	≤8	PASS
		2437	-17.75	≤8	PASS
		2462	-17.43	≤8	PASS
11N20SISO	Ant1	2412	-16.74	≤8	PASS
		2437	-16.17	≤8	PASS
		2462	-16.79	≤8	PASS
11N40SISO	Ant1	2422	-17.74	≤8	PASS
		2437	-17.74	≤8	PASS
		2452	-17.8	≤8	PASS

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

Test Graphs

11B_Ant1_2412



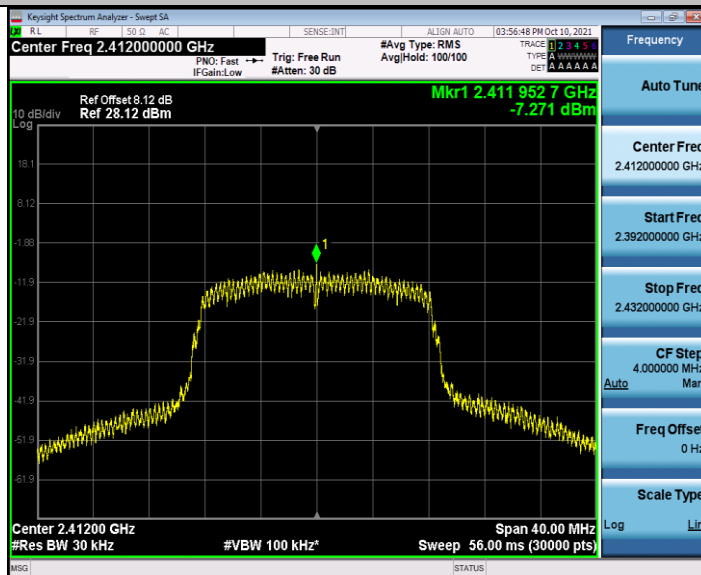
11B_Ant1_2437



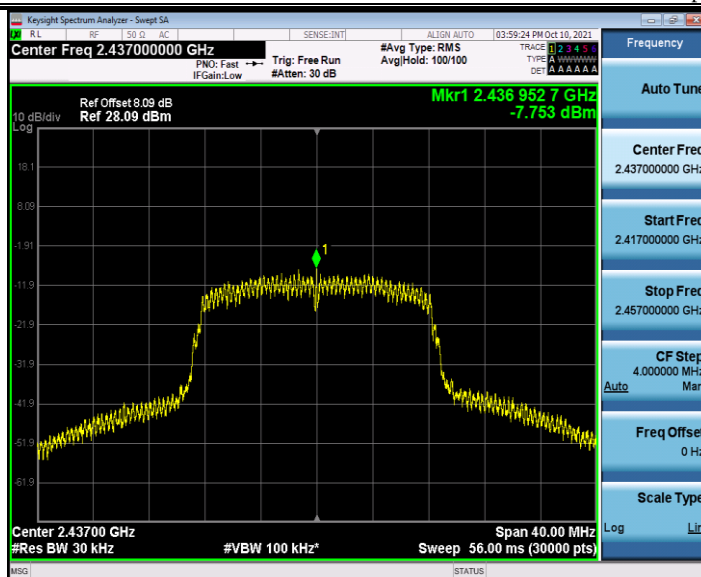
11B_Ant1_2462



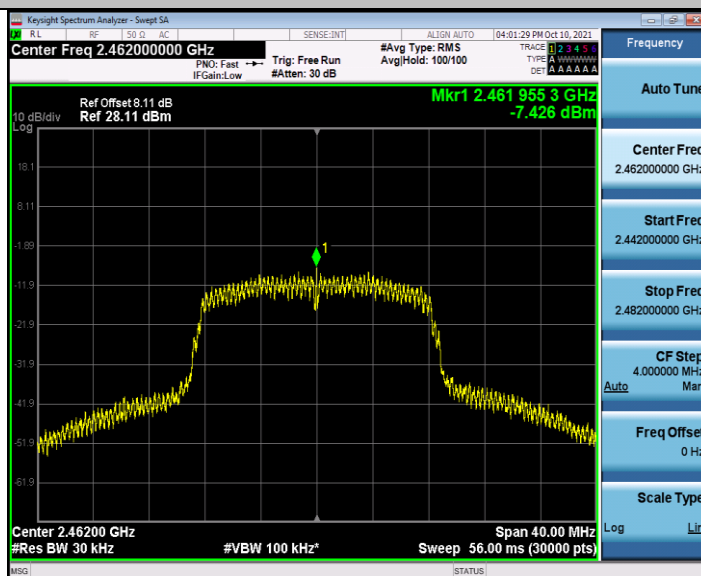
11G_Ant1_2412



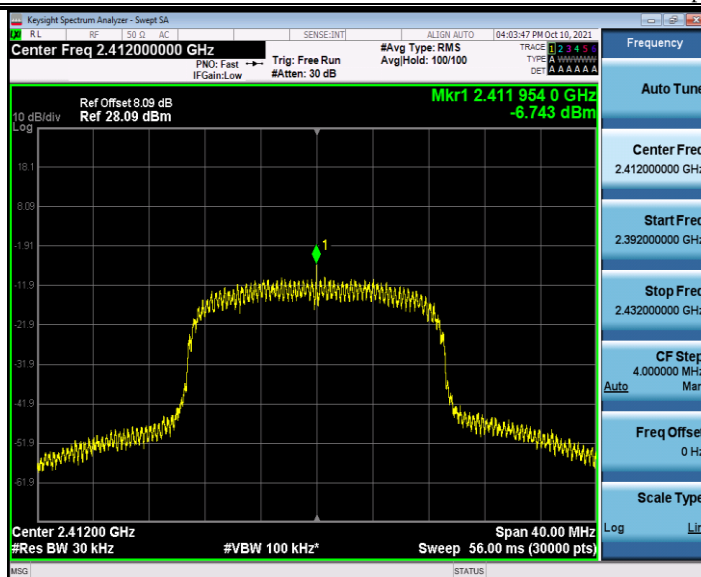
11G_Ant1_2437



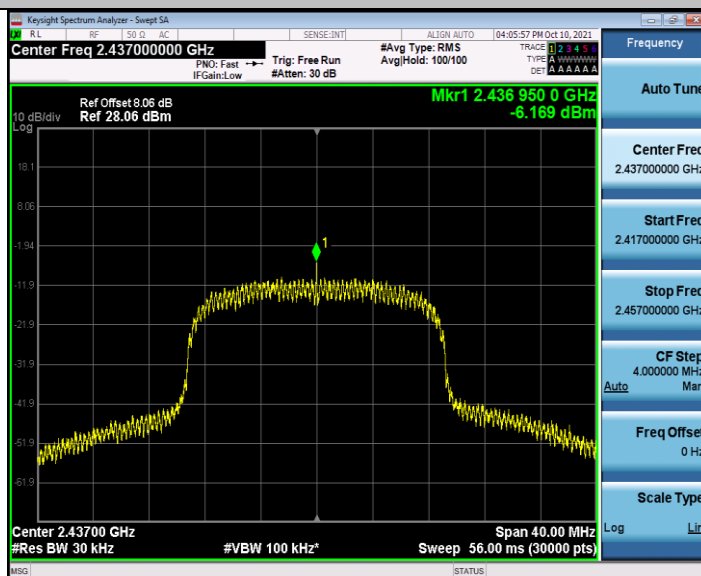
11G_Ant1_2462



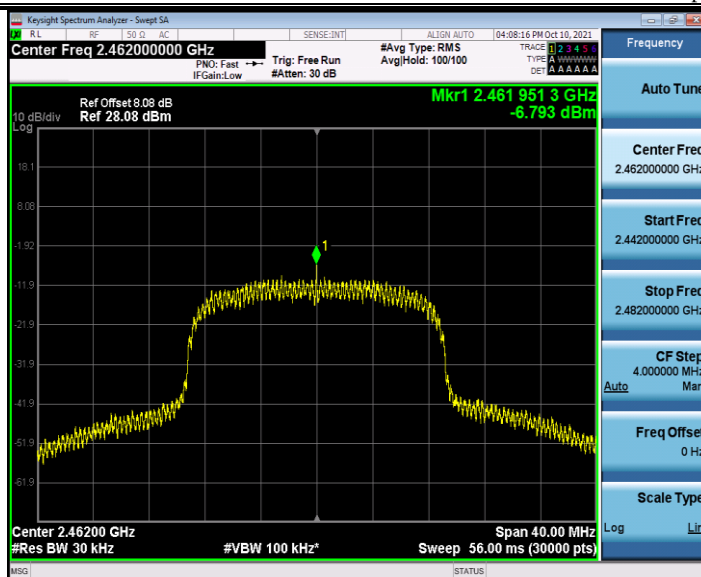
11N20SISO_Ant1_2412



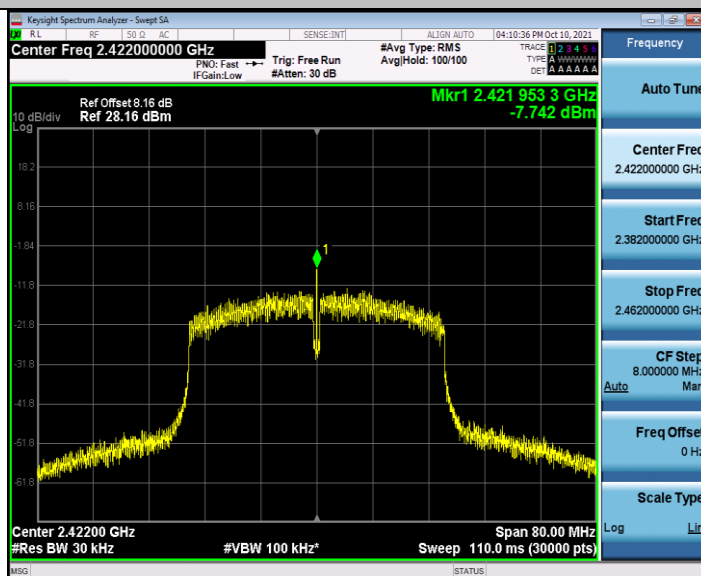
11N20SISO_Ant1_2437



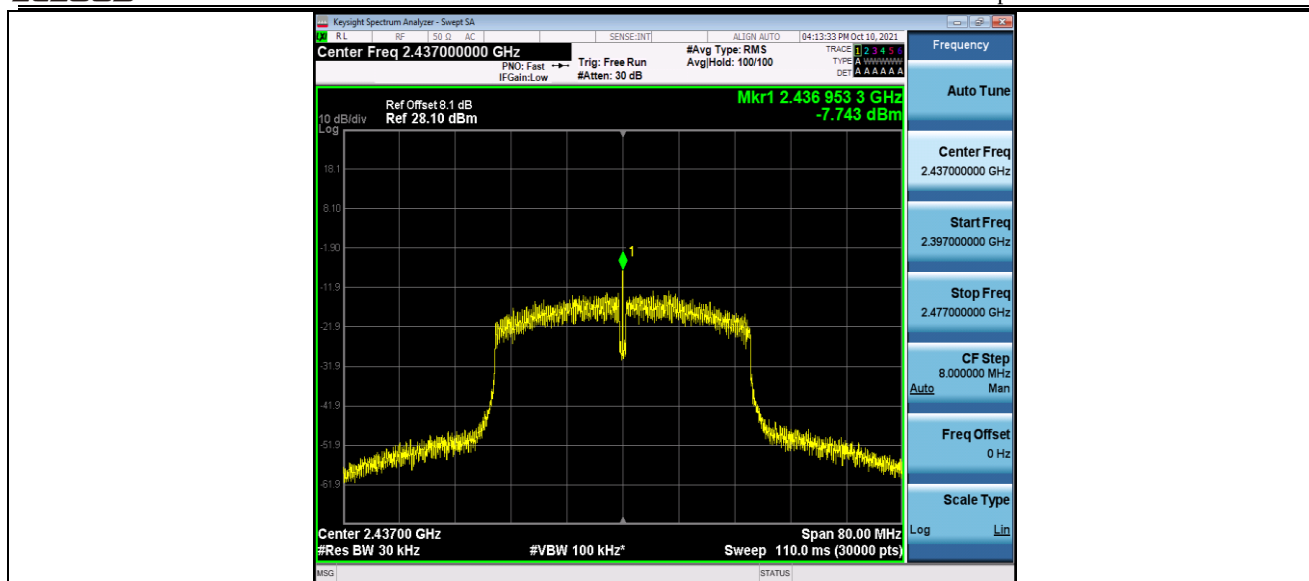
11N20SISO_Ant1_2462



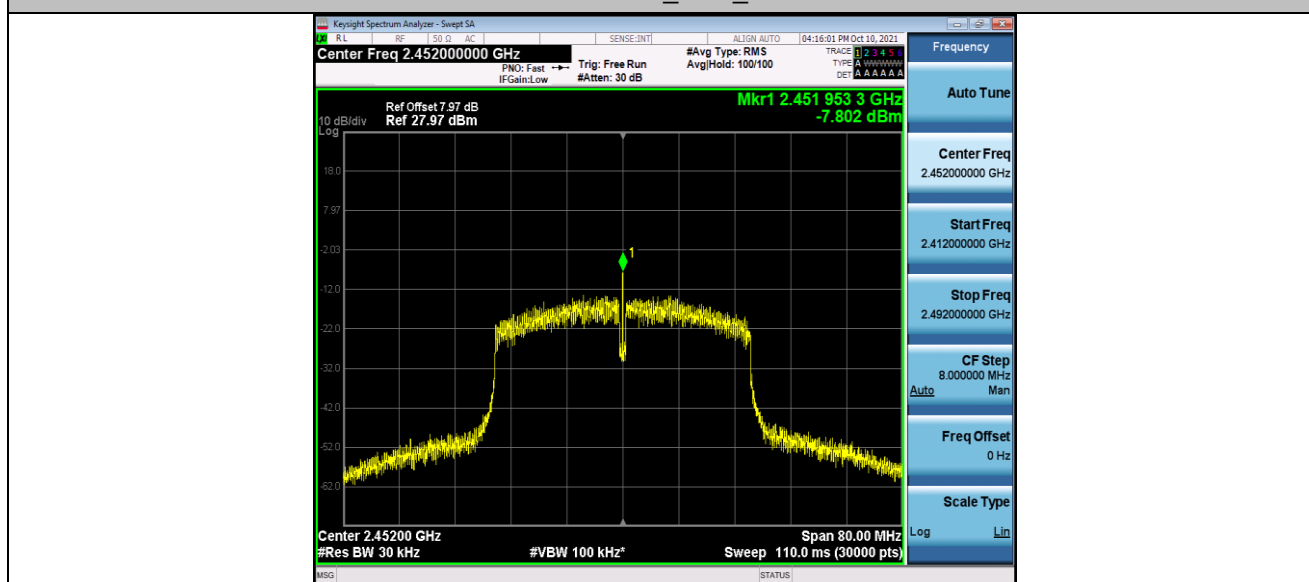
11N40SISO_Ant1_2422



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	7.23	-23.54	≤ -22.78	PASS
		High	2462	7.57	-37.81	≤ -22.43	PASS
11G	Ant1	Low	2412	4.24	-30.45	≤ -25.76	PASS
		High	2462	4.33	-37.5	≤ -25.67	PASS
11N20SISO	Ant1	Low	2412	6.97	-31.69	≤ -23.03	PASS
		High	2462	7.72	-37.32	≤ -22.28	PASS
11N40SISO	Ant1	Low	2422	-9.02	-44.5	≤ -39.02	PASS
		High	2452	-0.92	-33.61	≤ -30.92	PASS

Test Graphs

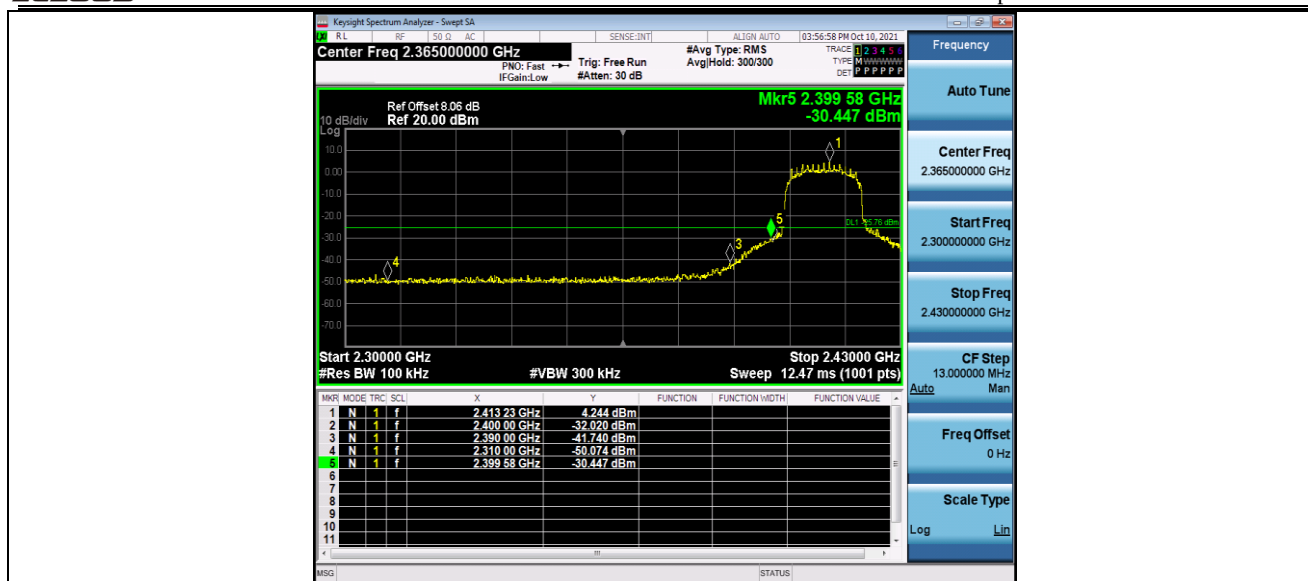
11B_Ant1_Low_2412



11B_Ant1_High_2462



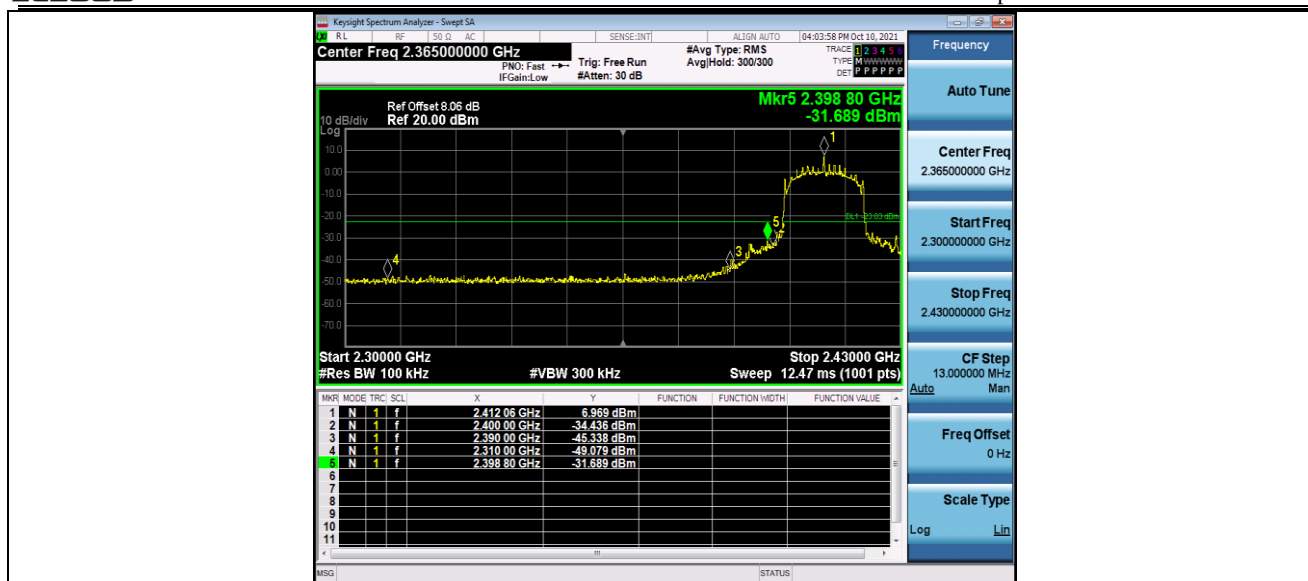
11G_Ant1_Low_2412



11G_Ant1_High_2462



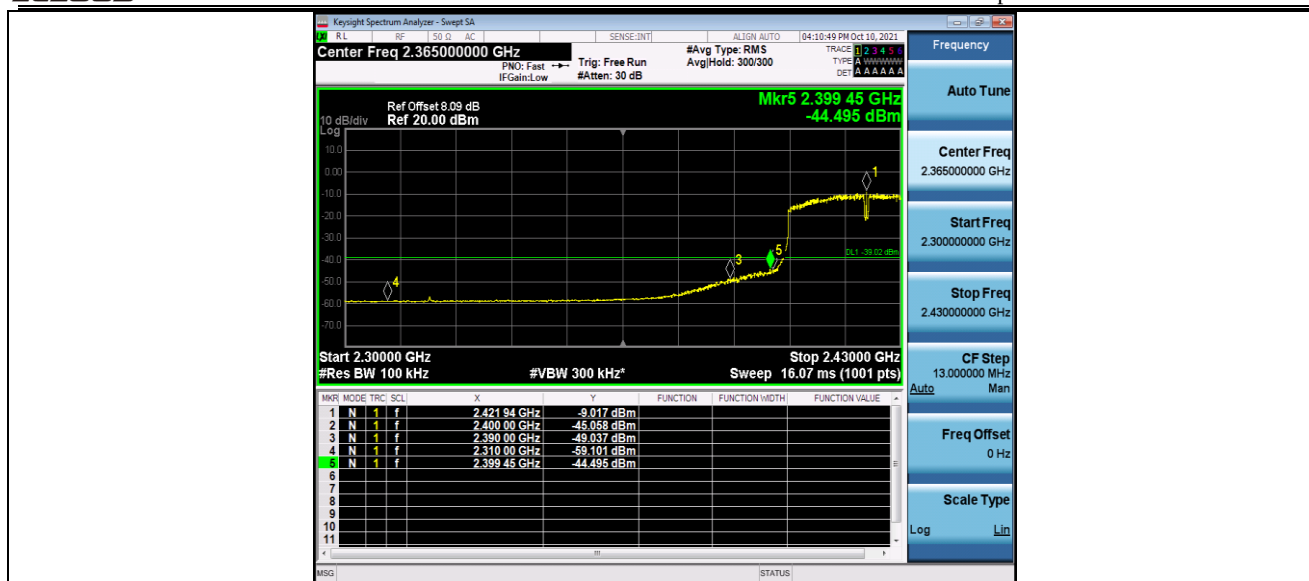
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix G: Conducted Spurious Emission

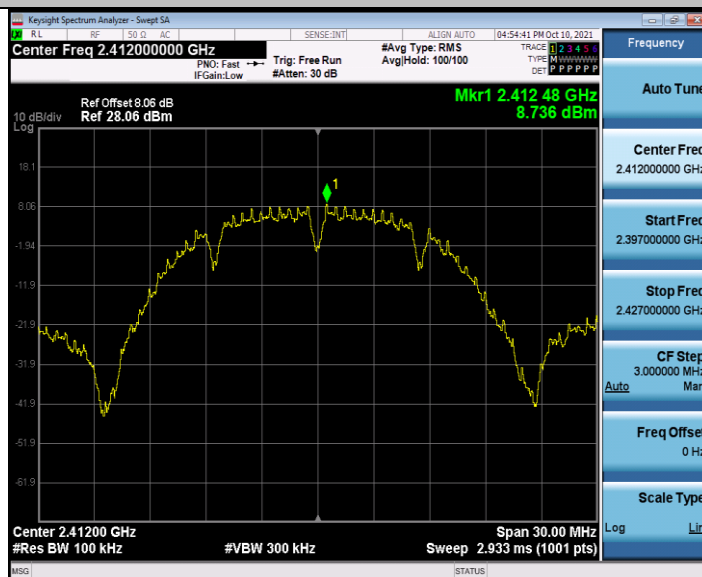
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.74	8.74	---	PASS
			30~1000	8.74	-58.61	≤ -21.26	PASS
			1000~26500	8.74	-34.45	≤ -21.26	PASS
		2437	Reference	7.56	7.56	---	PASS
			30~1000	7.56	-59.36	≤ -22.44	PASS
			1000~26500	7.56	-35.31	≤ -22.44	PASS
		2462	Reference	7.45	7.45	---	PASS
			30~1000	7.45	-57.93	≤ -22.55	PASS
			1000~26500	7.45	-35.47	≤ -22.55	PASS
11G	Ant1	2412	Reference	4.29	4.29	---	PASS
			30~1000	4.29	-59.52	≤ -25.71	PASS
			1000~26500	4.29	-38.03	≤ -25.71	PASS
		2437	Reference	4.61	4.61	---	PASS
			30~1000	4.61	-57.88	≤ -25.39	PASS
			1000~26500	4.61	-38.45	≤ -25.39	PASS
		2462	Reference	4.08	4.08	---	PASS
			30~1000	4.08	-58.54	≤ -25.92	PASS
			1000~26500	4.08	-38.59	≤ -25.92	PASS
11N20SISO	Ant1	2412	Reference	8.14	8.14	---	PASS
			30~1000	8.14	-58.77	≤ -21.86	PASS
			1000~26500	8.14	-36.29	≤ -21.86	PASS
		2437	Reference	7.93	7.93	---	PASS
			30~1000	7.93	-59.42	≤ -22.07	PASS
			1000~26500	7.93	-38.49	≤ -22.07	PASS
		2462	Reference	7.71	7.71	---	PASS
			30~1000	7.71	-59.02	≤ -22.29	PASS
			1000~26500	7.71	-38.18	≤ -22.29	PASS
11N40SISO	Ant1	2422	Reference	-0.67	-0.67	---	PASS
			30~1000	-0.67	-59.14	≤ -30.67	PASS
			1000~26500	-0.67	-37.99	≤ -30.67	PASS

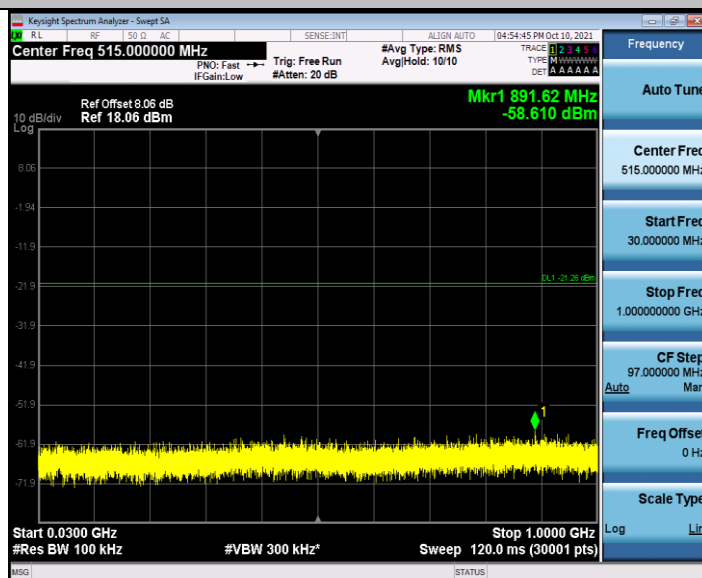
		2437	Reference	-0.55	-0.55	---	PASS
			30~1000	-0.55	-58.39	≤ -30.55	PASS
			1000~26500	-0.55	-38.5	≤ -30.55	PASS
		2452	Reference	-0.95	-0.95	---	PASS
			30~1000	-0.95	-59.26	≤ -30.95	PASS
			1000~26500	-0.95	-38.59	≤ -30.95	PASS

Test Graphs

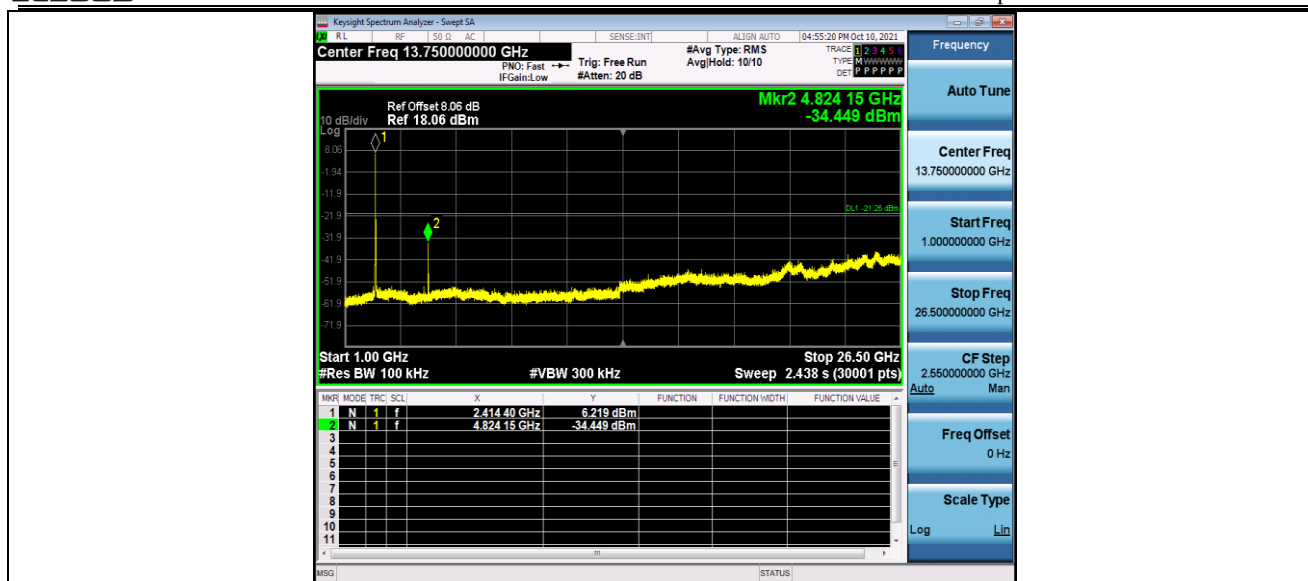
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



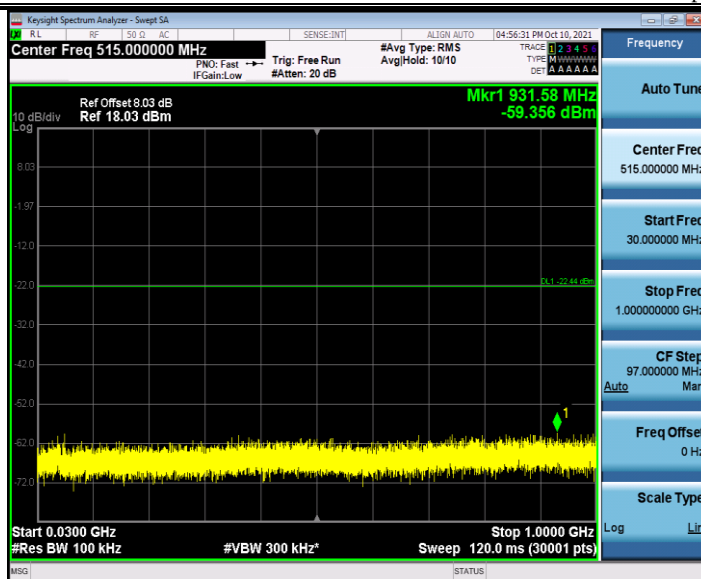
11B_Ant1_2412_1000~26500



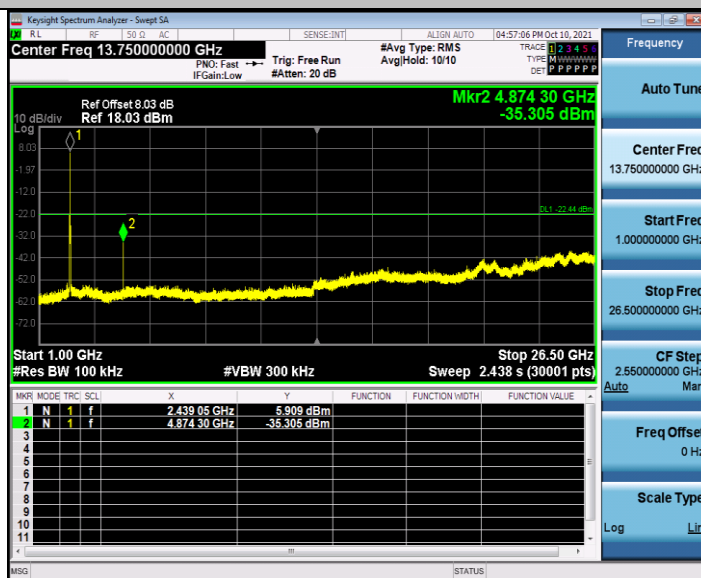
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference