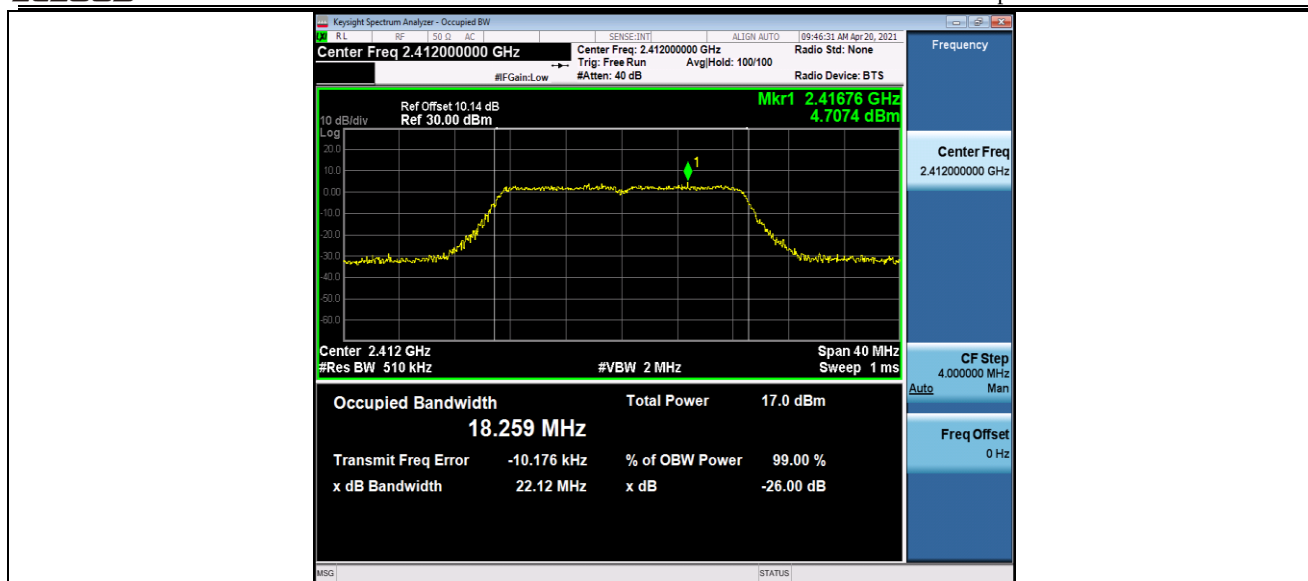
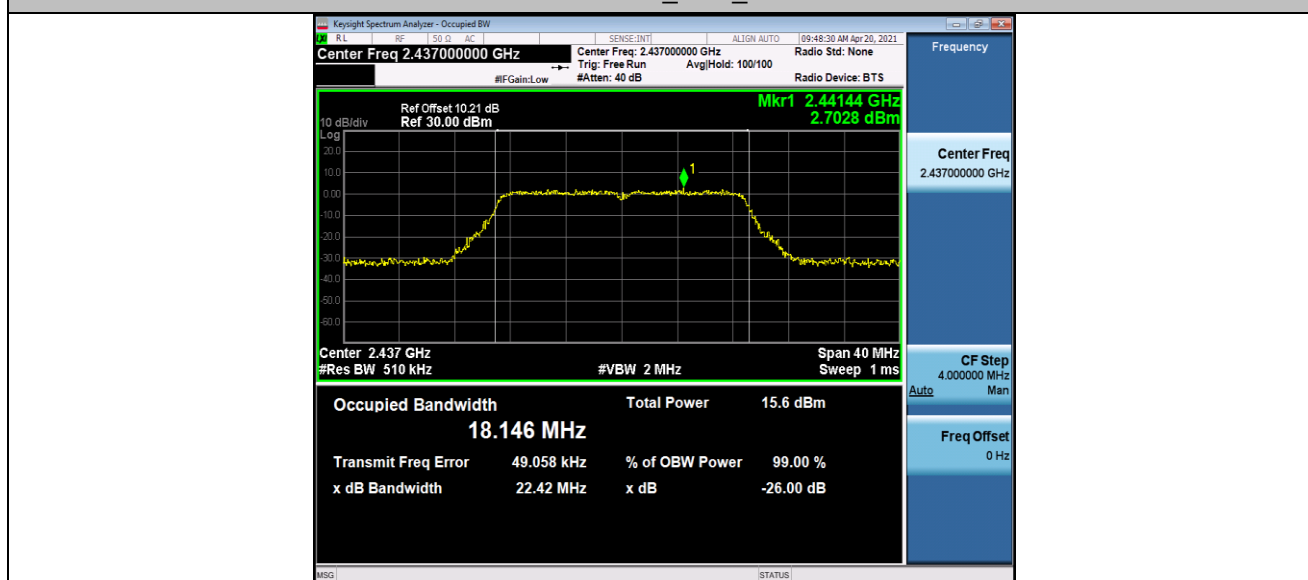
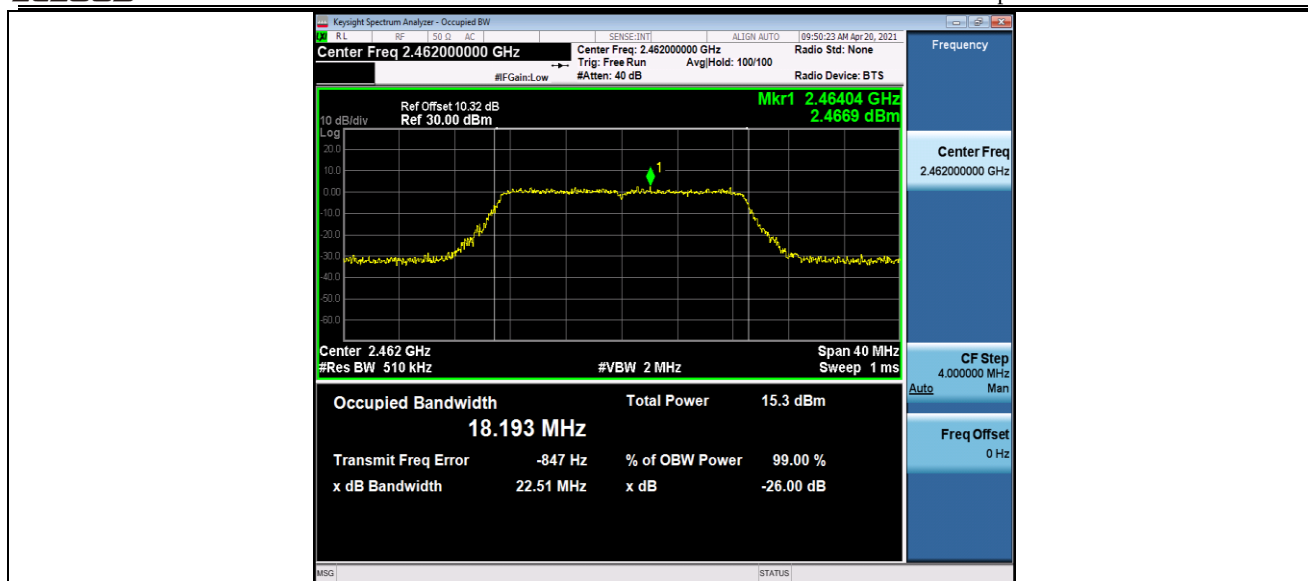




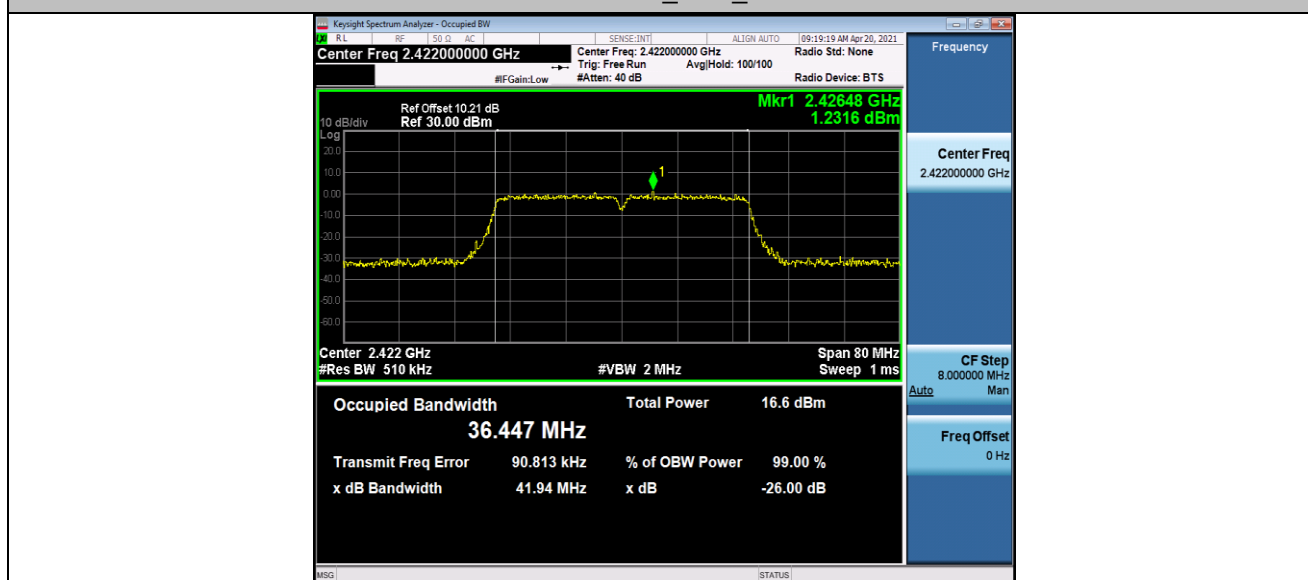
11N20SISO_Ant1_2437



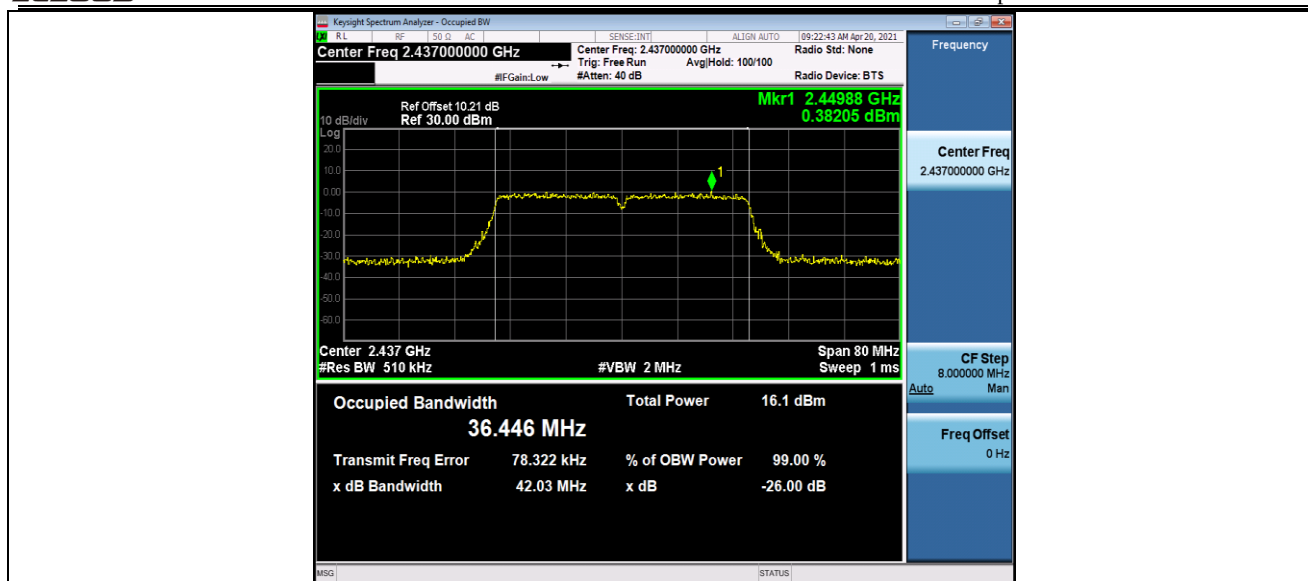
11N20SISO_Ant1_2462



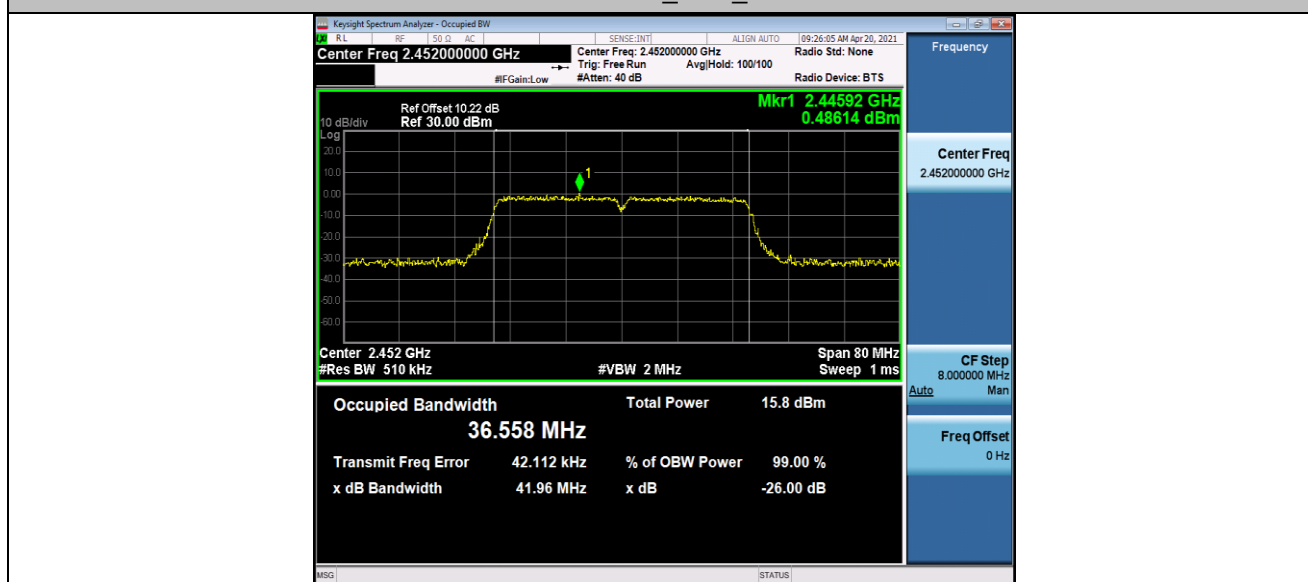
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

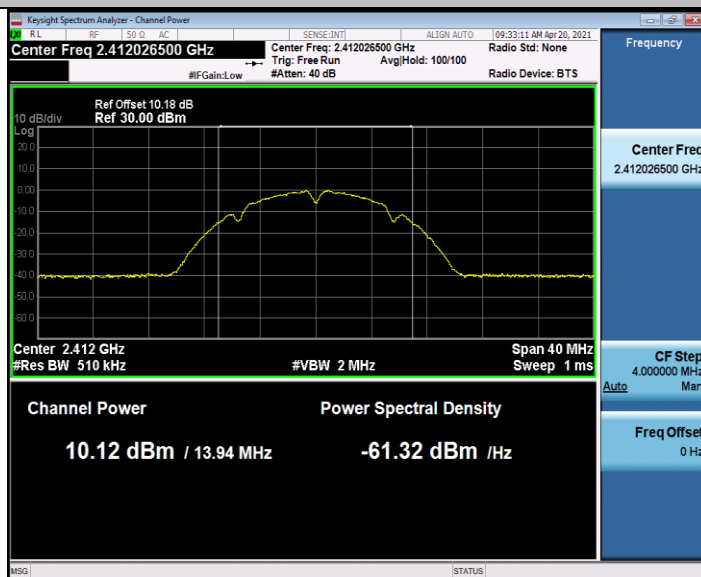
Test Result

TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm]	Limit[dBm]	EIRP [dBm]	EIRP Limit [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	99.04	-	10.12	<=30	13.85	36.02	<=30	PASS
		2437	98.57	-	9.97	<=30	13.7	36.02	<=30	PASS
		2462	99.12	-	9.66	<=30	13.39	36.02	<=30	PASS
11G	Ant1	2412	99.36	-	10.27	<=30	14	36.02	<=30	PASS
		2437	98.65	-	10.58	<=30	14.31	36.02	<=30	PASS
		2462	99.36	-	10.34	<=30	14.07	36.02	<=30	PASS
11N20SISO	Ant1	2412	97.46	0.11	10.35	<=30	14.08	36.02	<=30	PASS
		2437	97.46	0.11	9.30	<=30	13.03	36.02	<=30	PASS
		2462	95.52	0.20	9.15	<=30	12.88	36.02	<=30	PASS
11N40SISO	Ant1	2422	92.16	0.35	10.30	<=30	14.03	36.02	<=30	PASS
		2437	94.95	0.23	9.65	<=30	13.38	36.02	<=30	PASS
		2452	86.24	0.64	9.97	<=30	13.7	36.02	<=30	PASS

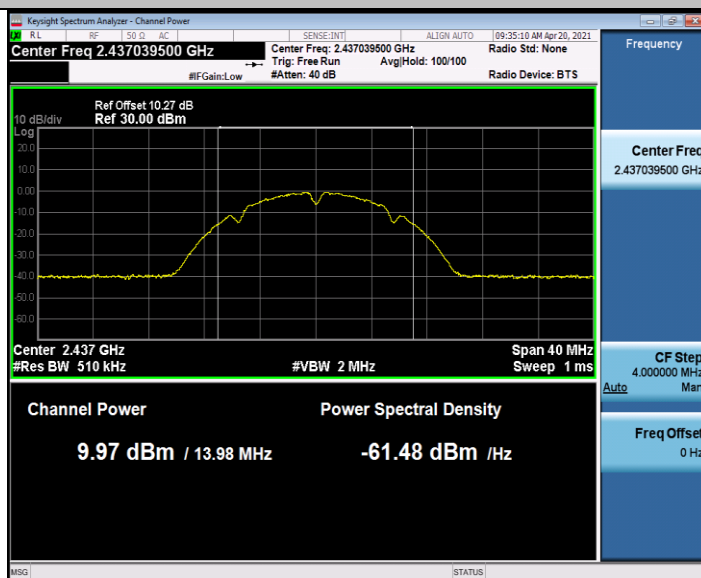
Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs

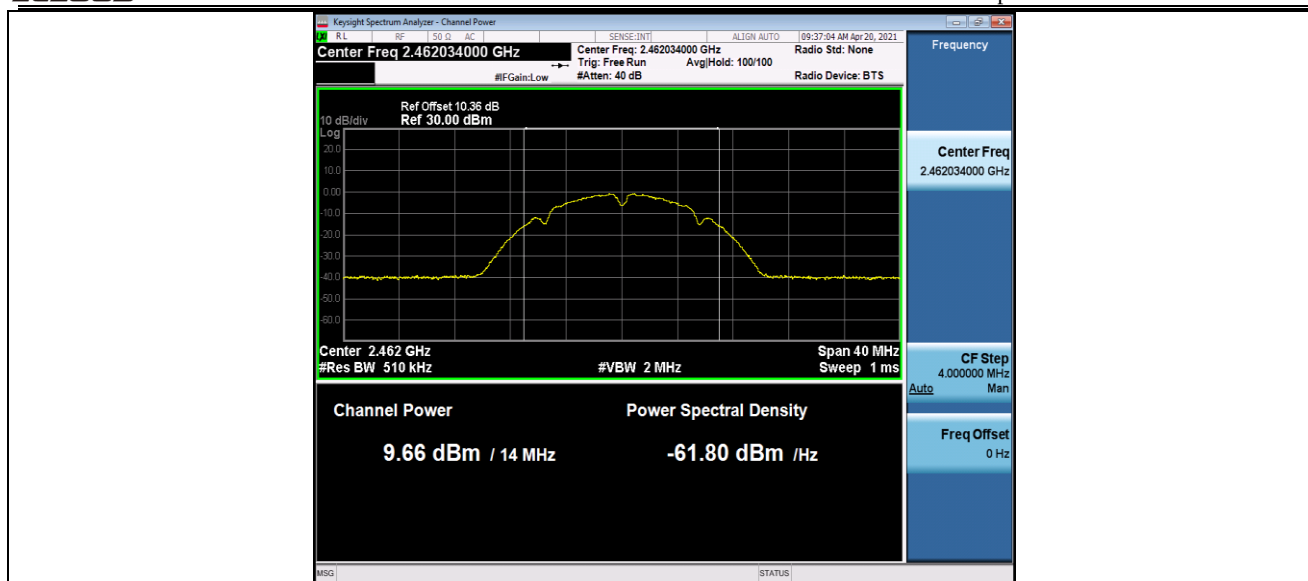
11B_Ant1_2412



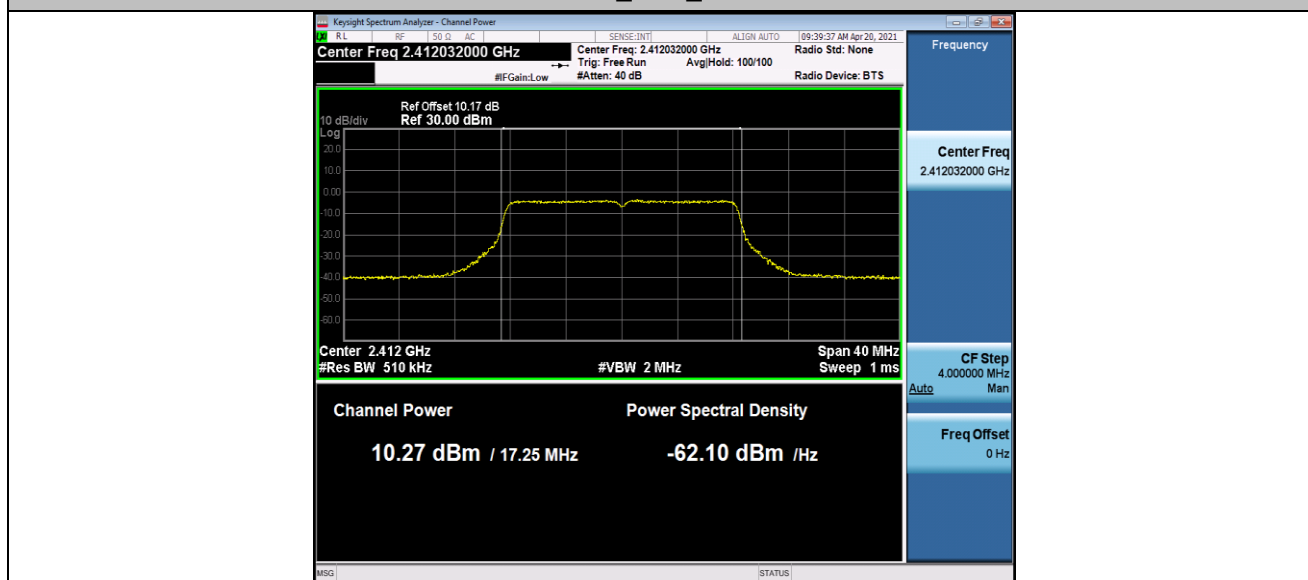
11B_Ant1_2437



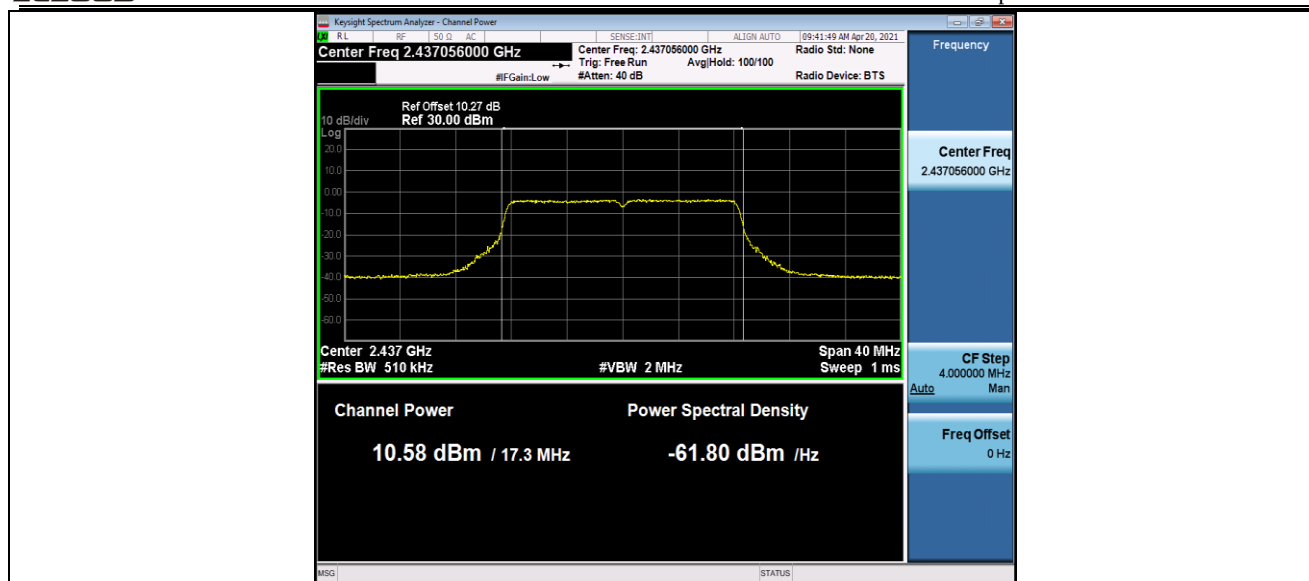
11B_Ant1_2462



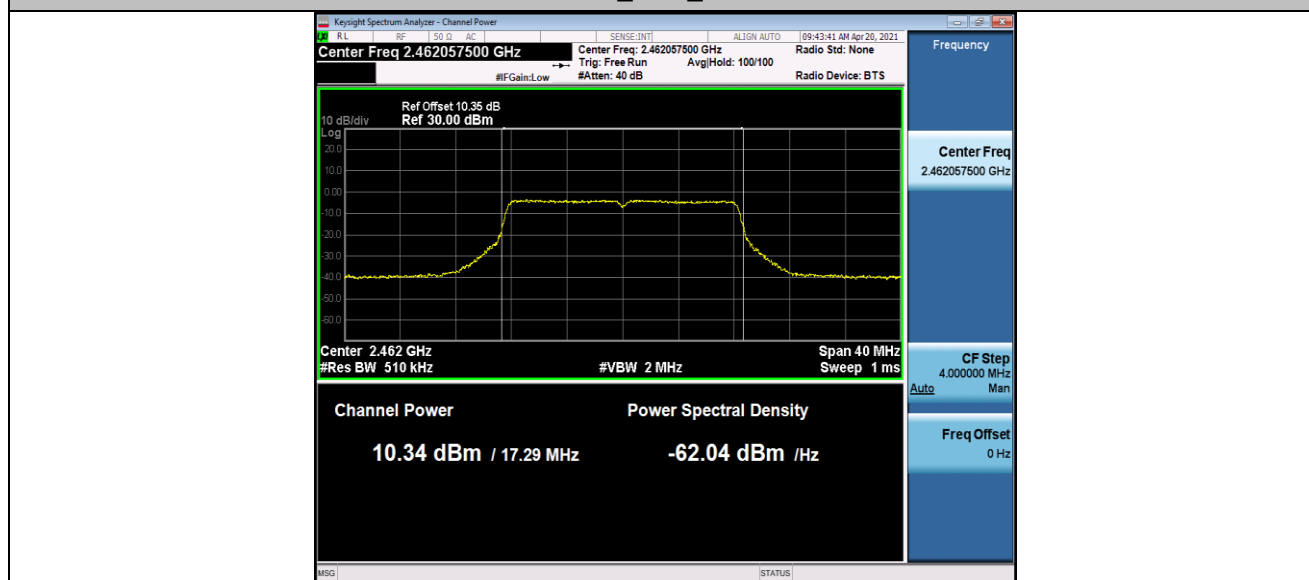
11G_Ant1_2412



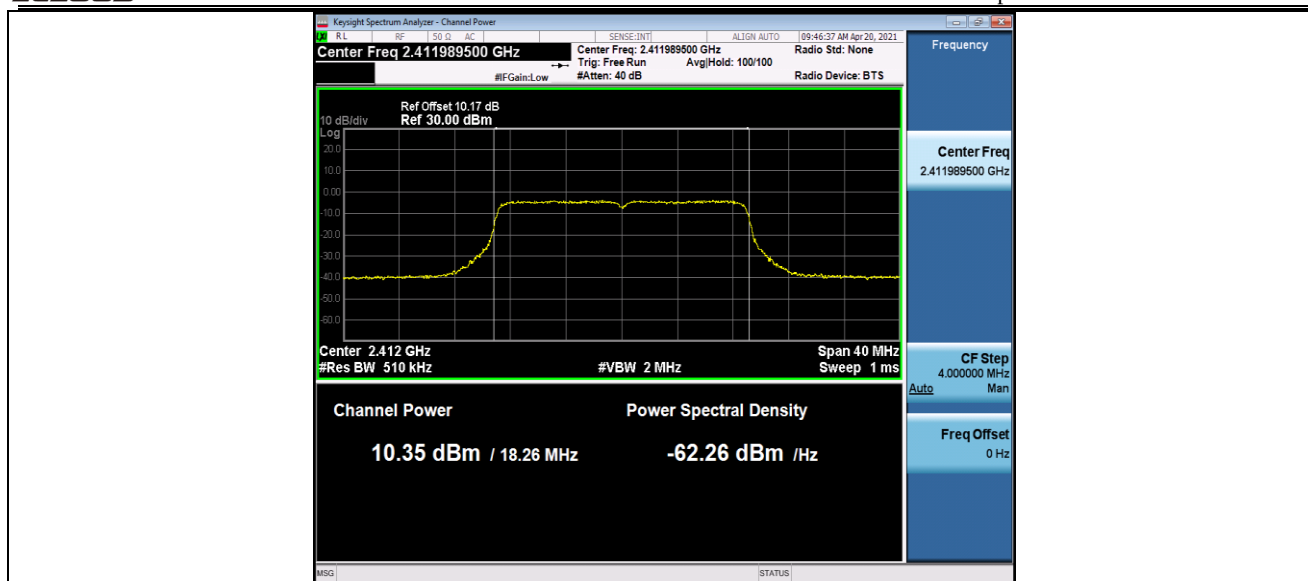
11G_Ant1_2437



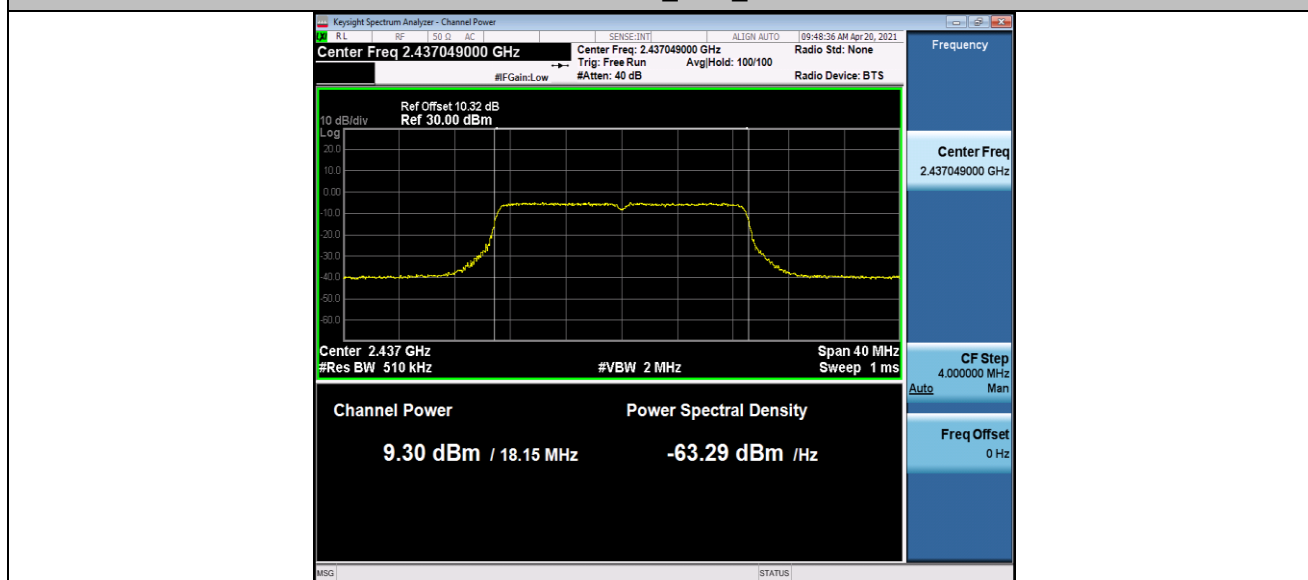
11G_Ant1_2462



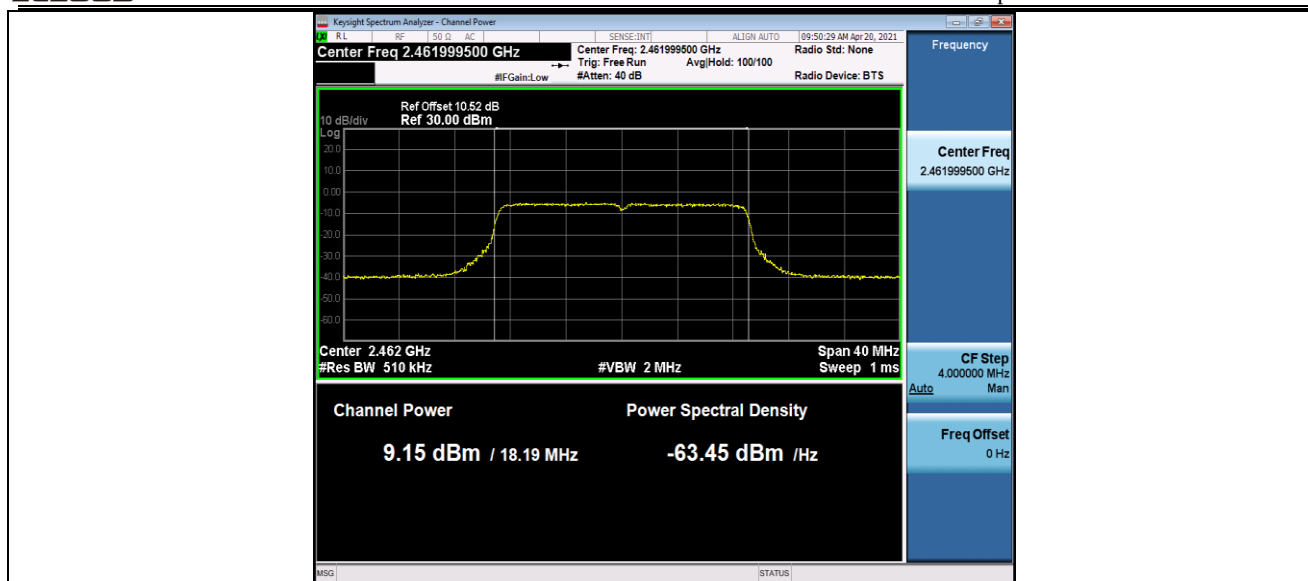
11N20SISO_Ant1_2412



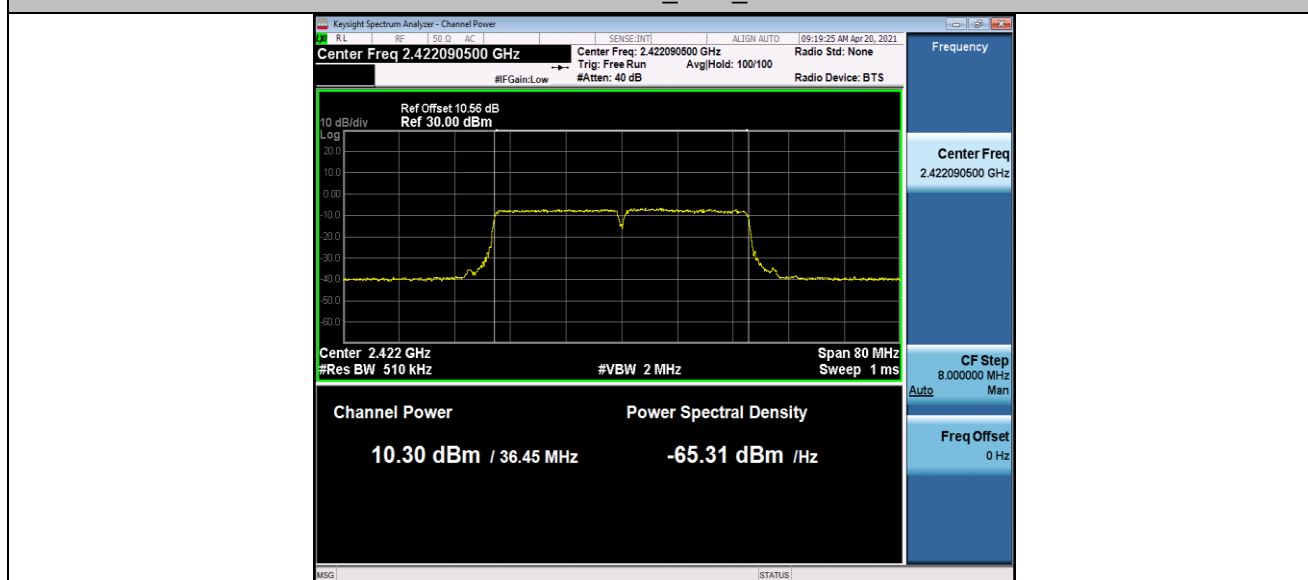
11N20SISO_Ant1_2437



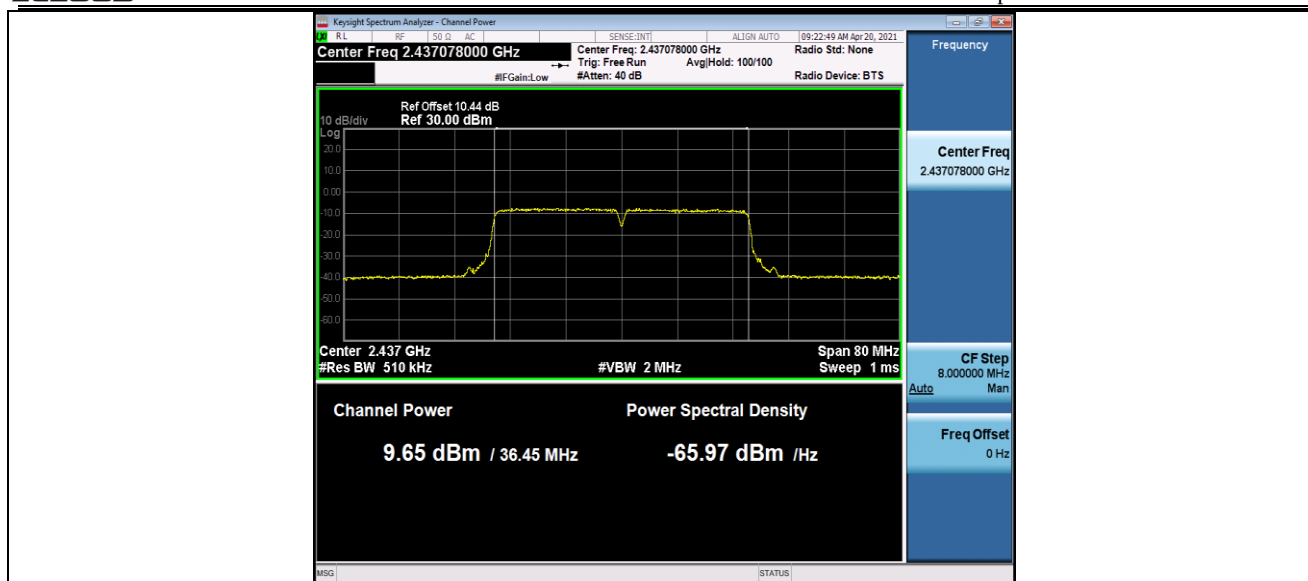
11N20SISO_Ant1_2462



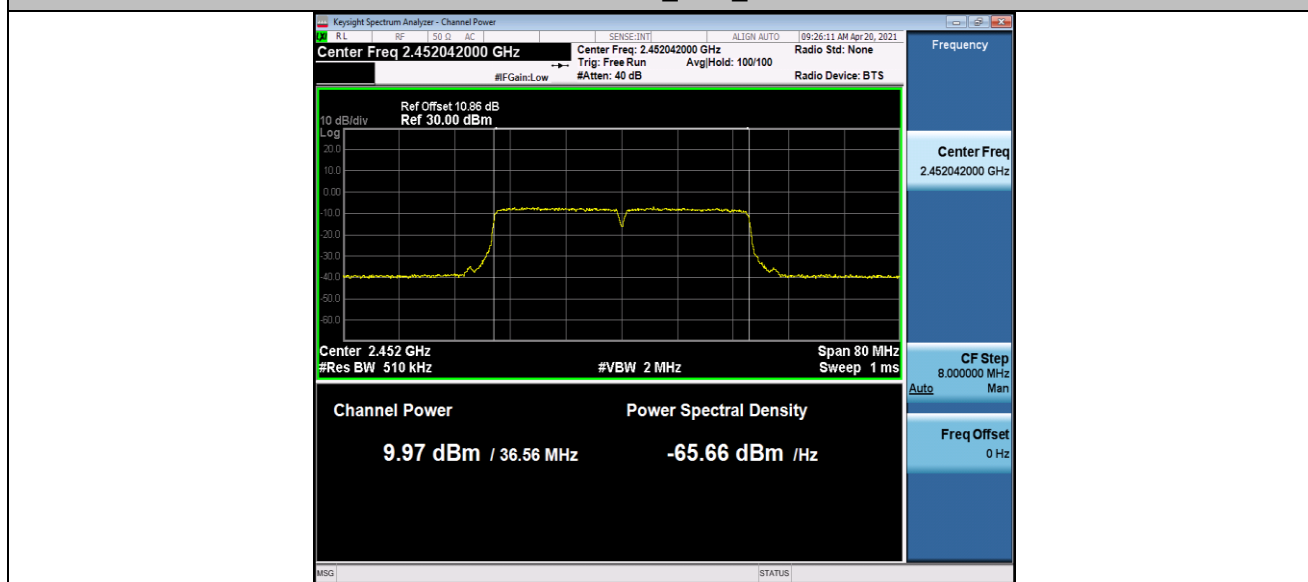
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



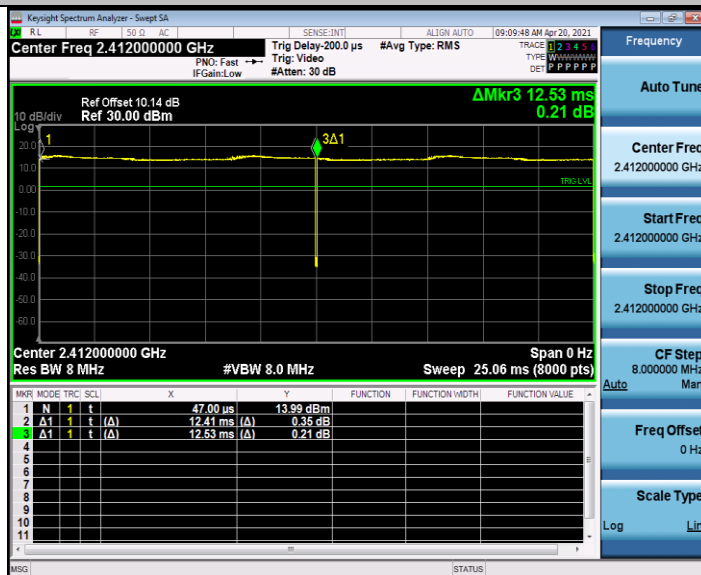
Appendix D: Duty Cycle

Test Result

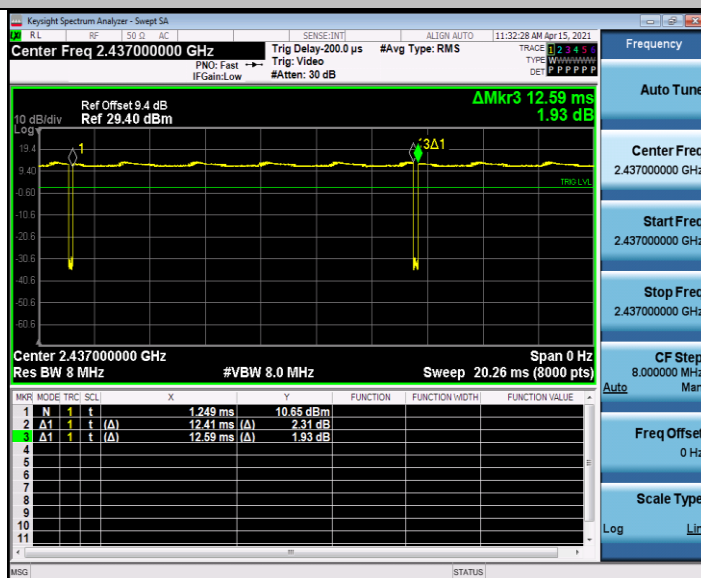
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	12.41	12.53	99.04	---	PASS
		2437	12.41	12.59	98.57	---	PASS
		2462	12.41	12.52	99.12	---	PASS
11G	Ant1	2412	12.41	12.49	99.36	---	PASS
		2437	12.41	12.58	98.65	---	PASS
		2462	12.41	12.49	99.36	---	PASS
11N20SISO	Ant1	2412	1.92	1.97	97.46	---	PASS
		2437	1.92	1.97	97.46	---	PASS
		2462	1.92	2.01	95.52	---	PASS
11N40SISO	Ant1	2422	0.94	1.02	92.16	---	PASS
		2437	0.94	0.99	94.95	---	PASS
		2452	0.94	1.09	86.24	---	PASS

Test Graphs

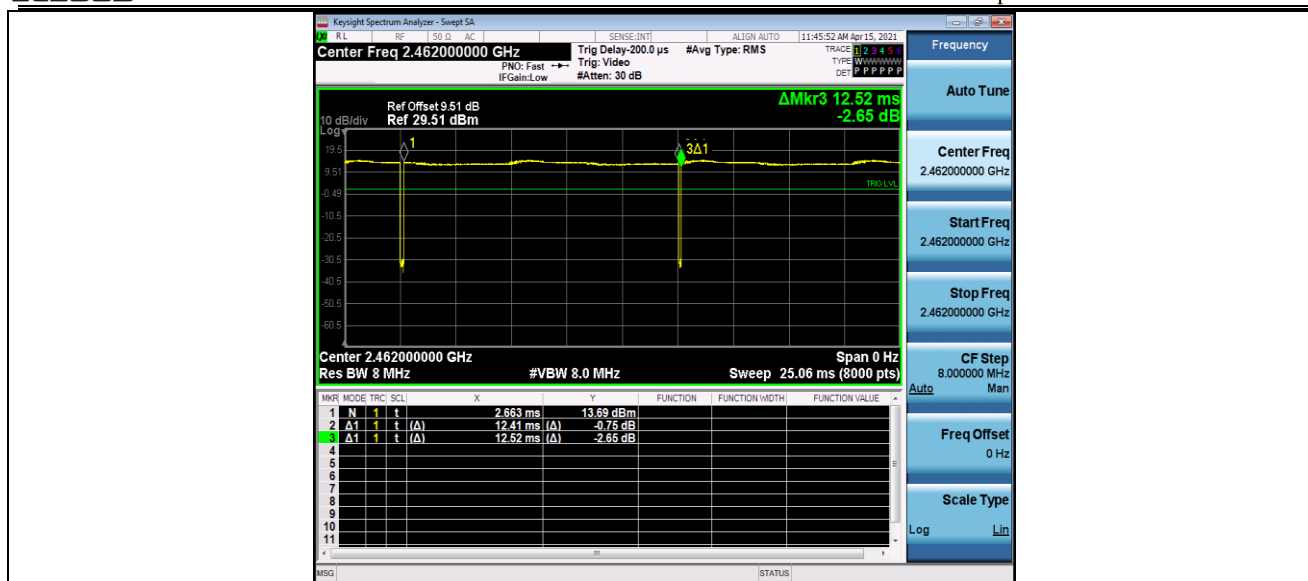
11B_Ant1_2412



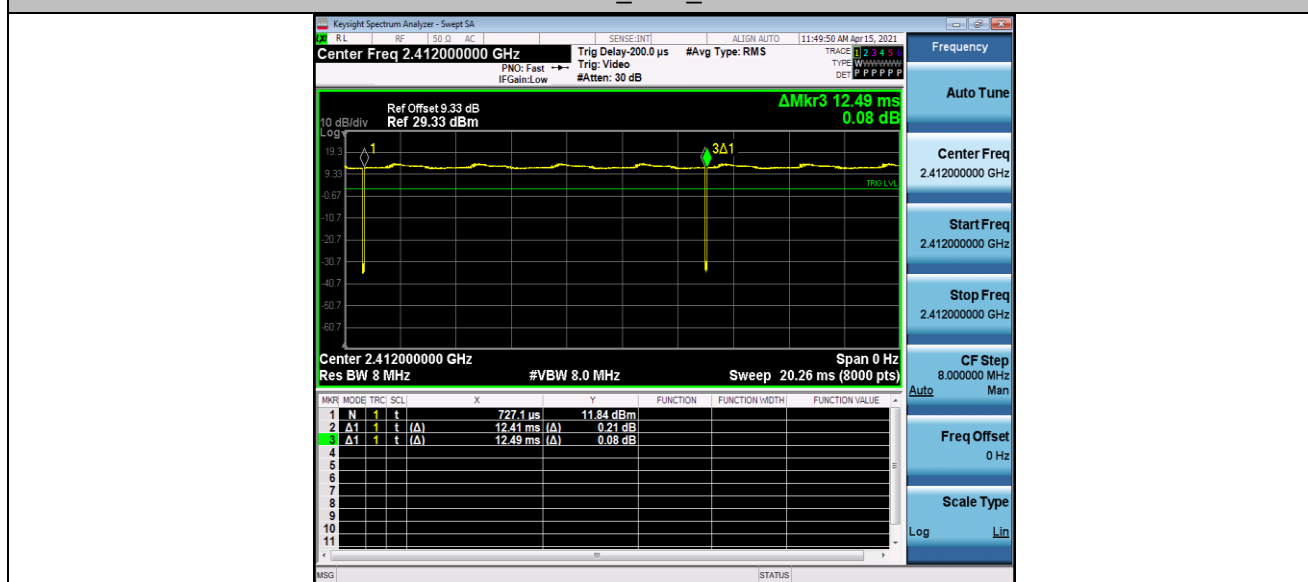
11B_Ant1_2437



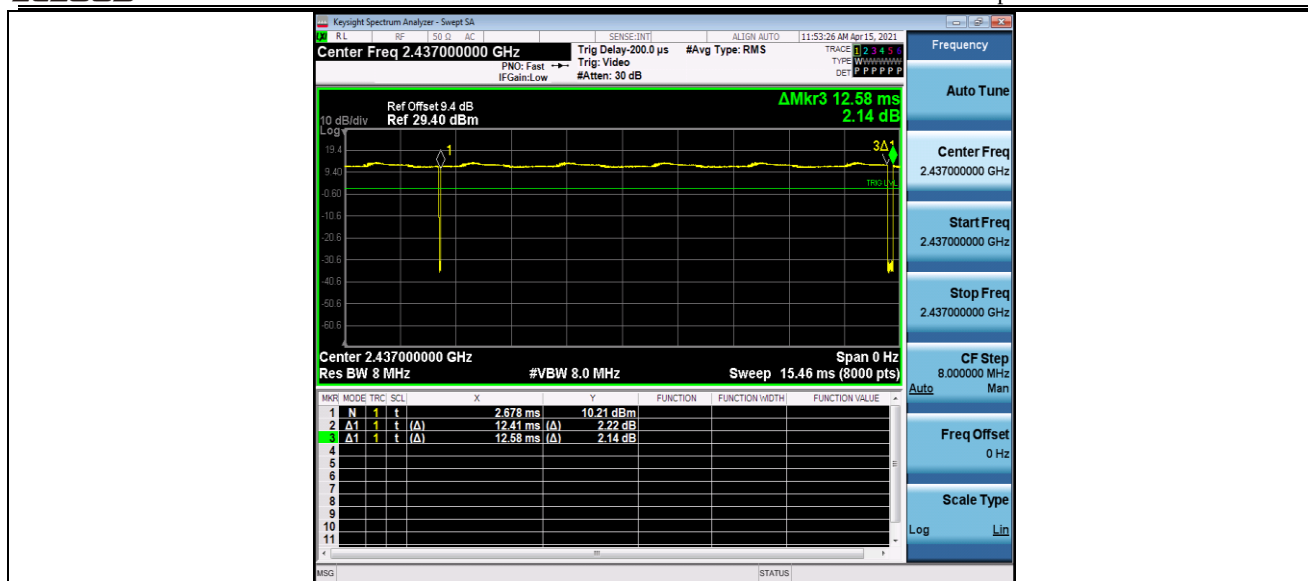
11B_Ant1_2462



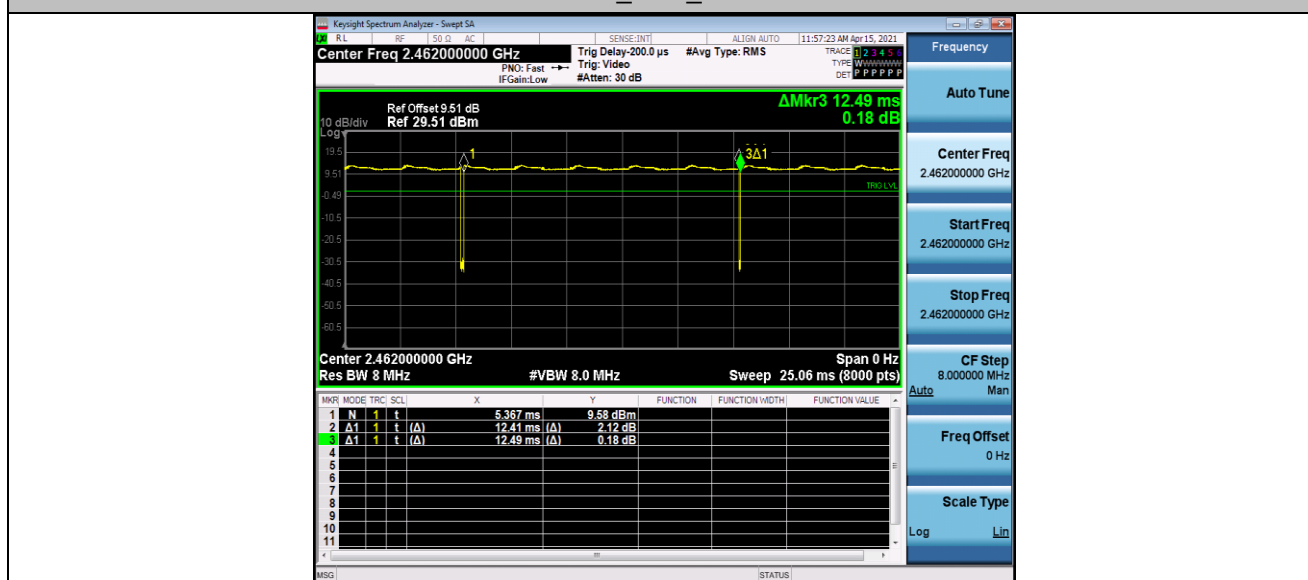
11G_Ant1_2412



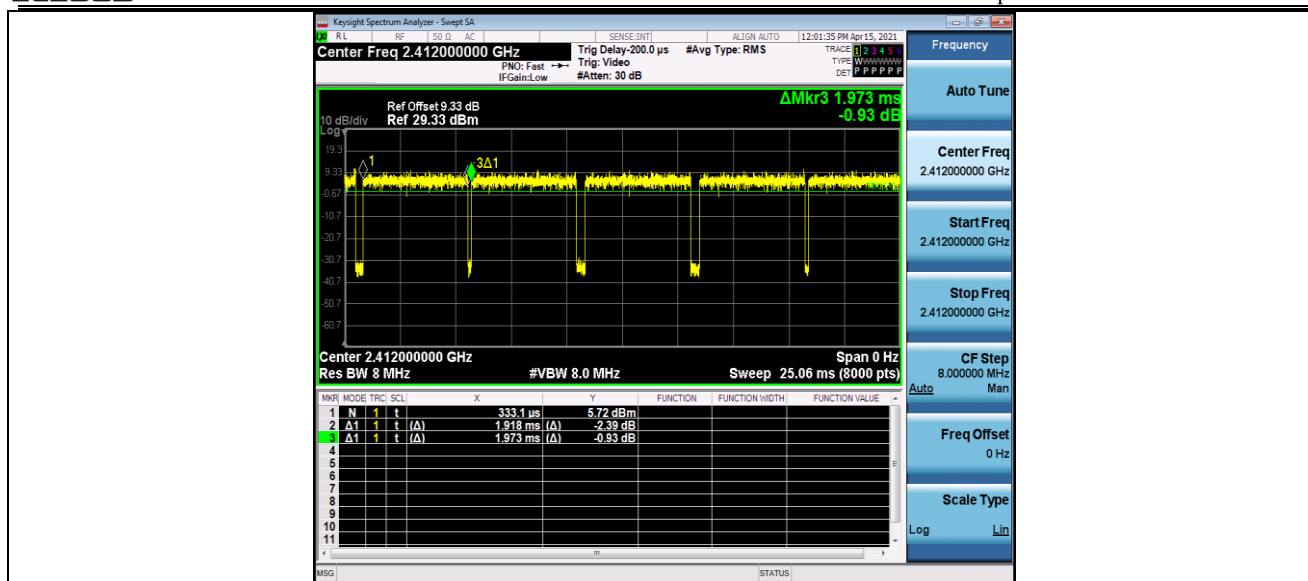
11G_Ant1_2437



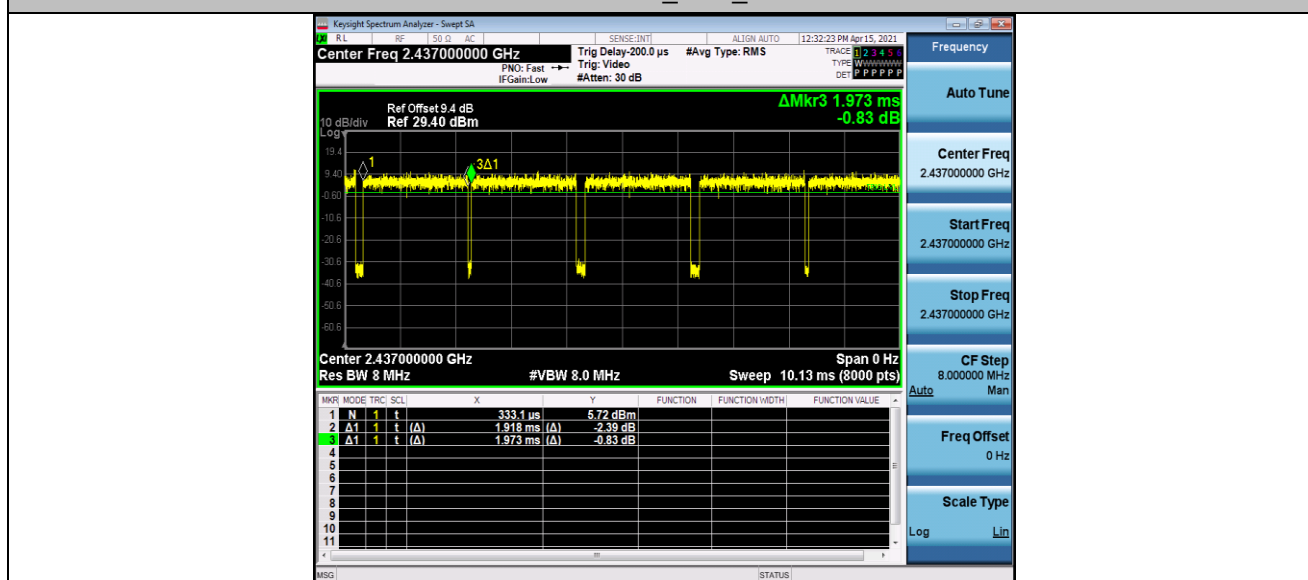
11G_Ant1_2462



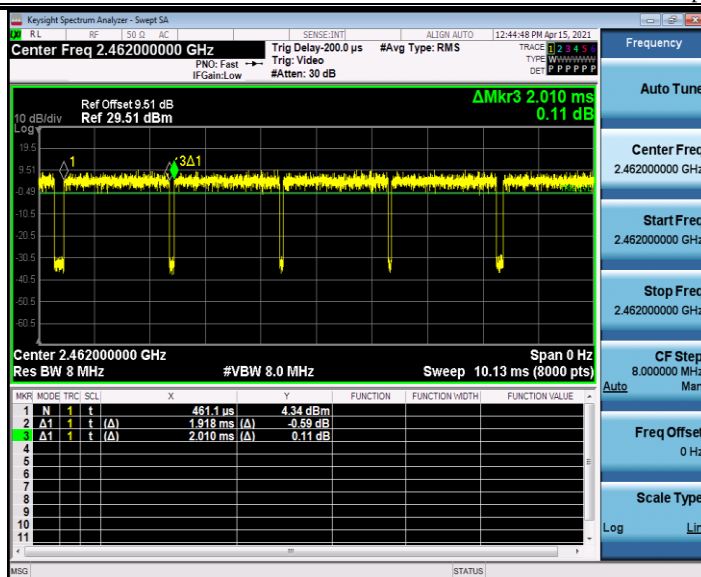
11N20SISO_Ant1_2412



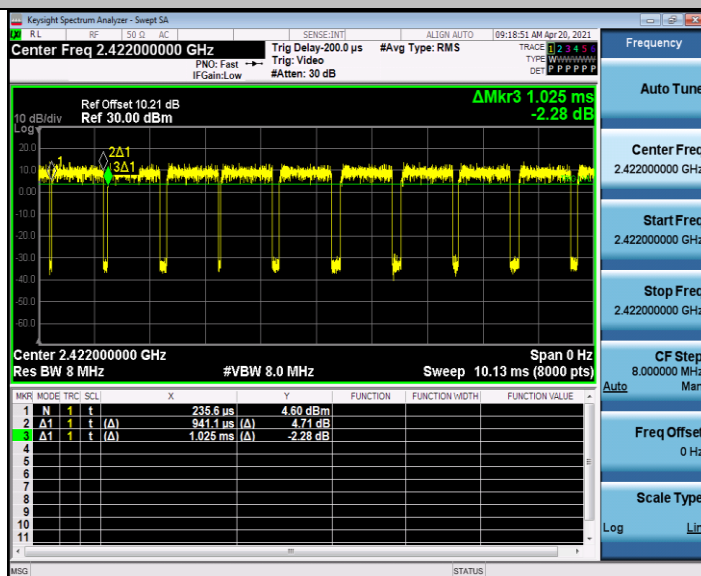
11N20SISO_Ant1_2437



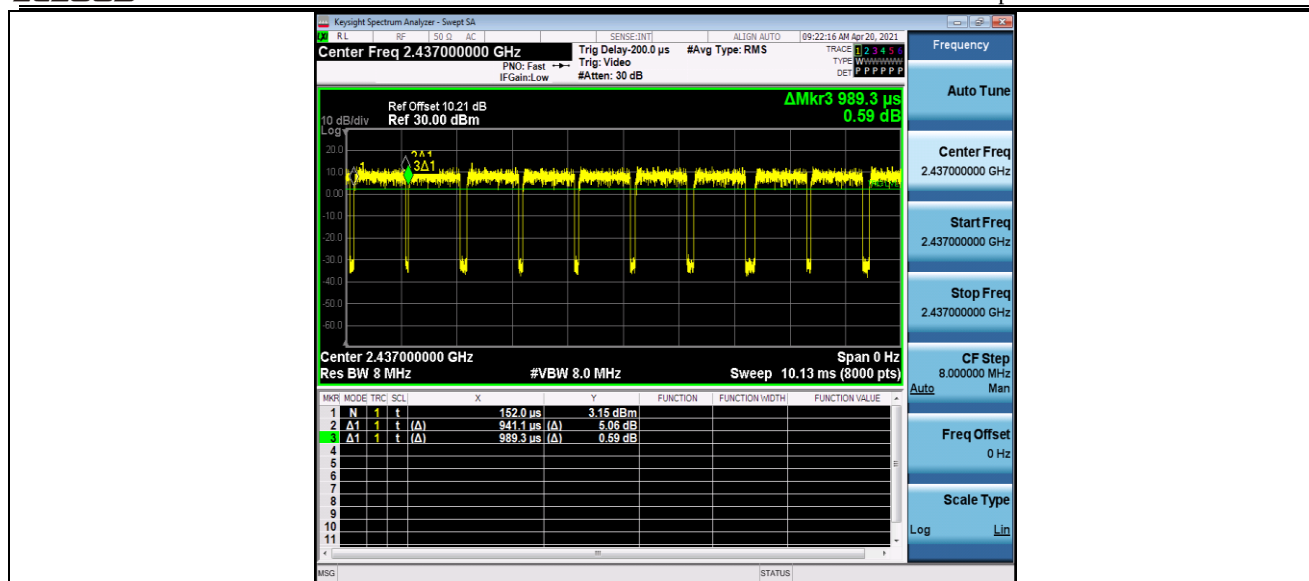
11N20SISO_Ant1_2462



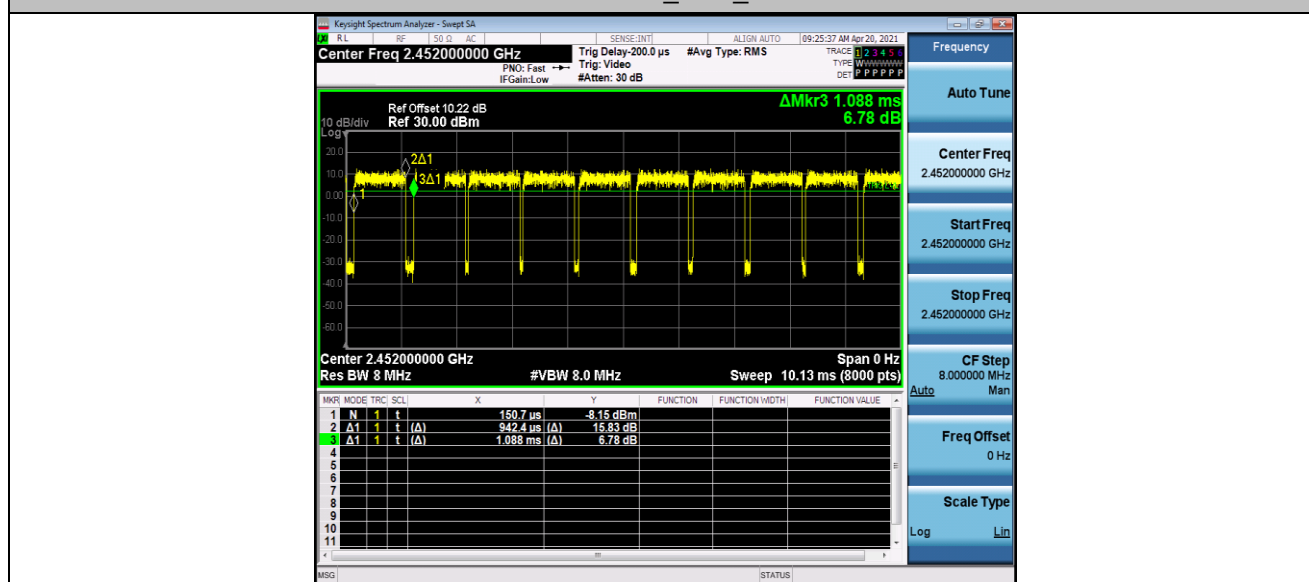
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix E: Maximum power spectral density

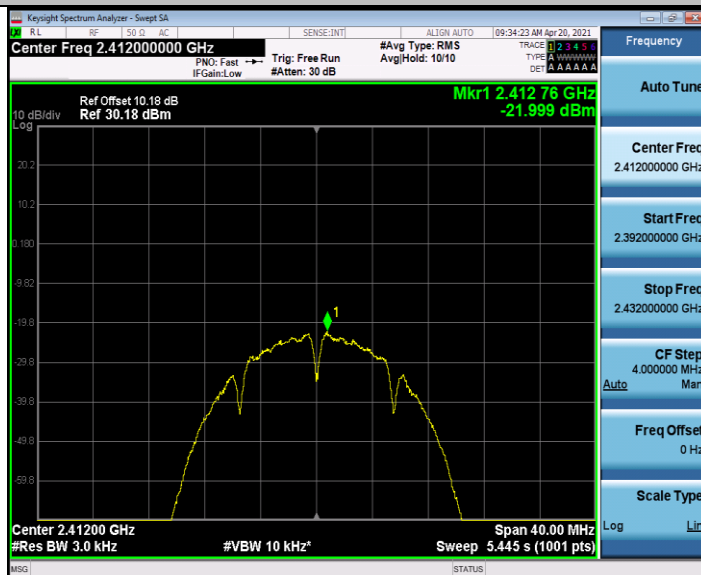
Test Result

TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result[dB m/3-100kHz]	Limit[dBm/ 3kHz]	Verdict
11B	Ant1	2412	99.04	-	-22	<=8	PASS
		2437	98.57	-	-21.83	<=8	PASS
		2462	99.12	-	-22.15	<=8	PASS
11G	Ant1	2412	99.36	-	-24.79	<=8	PASS
		2437	98.65	-	-23.83	<=8	PASS
		2462	99.36	-	-23.88	<=8	PASS
11N20SIS O	Ant1	2412	97.46	0.11	-24.95	<=8	PASS
		2437	97.46	0.11	-25.61	<=8	PASS
		2462	95.52	0.20	-25.43	<=8	PASS
11N40SIS O	Ant1	2422	92.16	0.35	-27.43	<=8	PASS
		2437	94.95	0.23	-28.05	<=8	PASS
		2452	86.24	0.64	-27.95	<=8	PASS

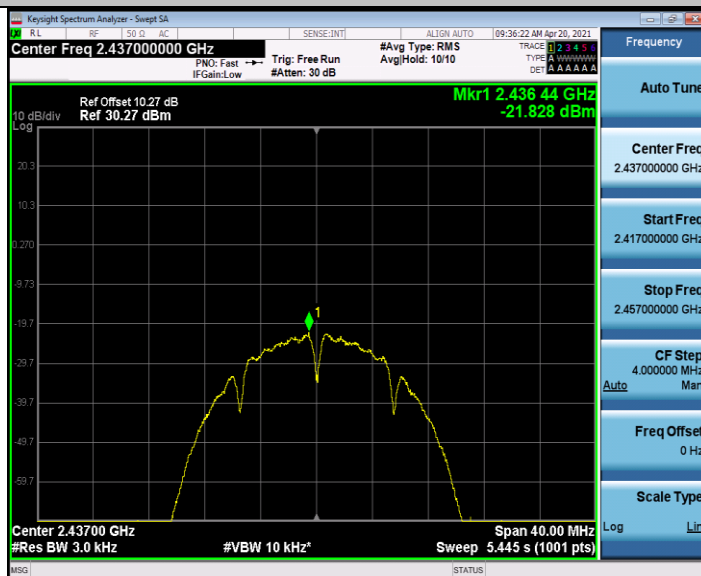
Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs

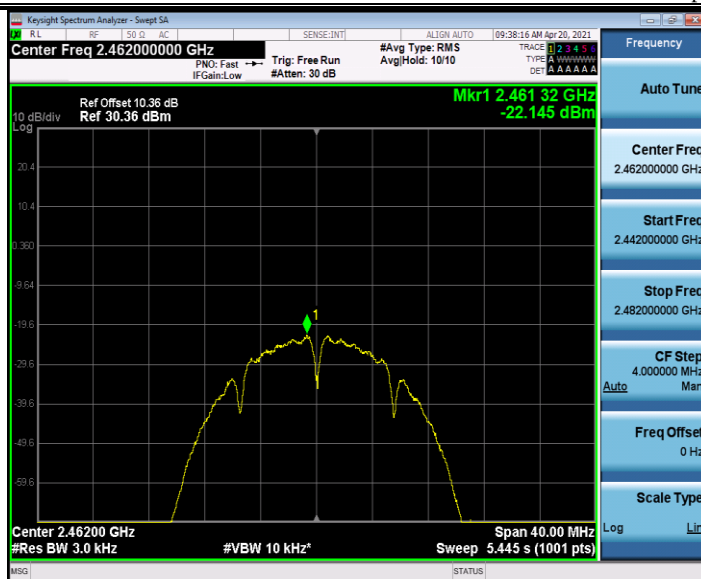
11B_Ant1_2412



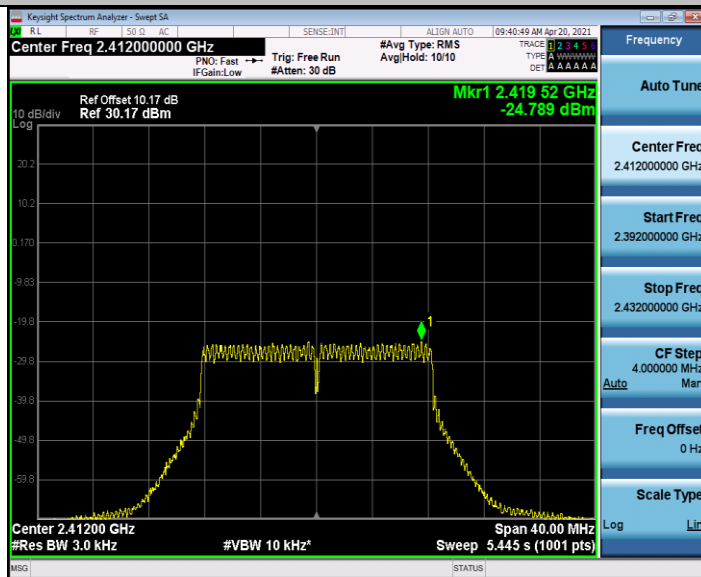
11B_Ant1_2437



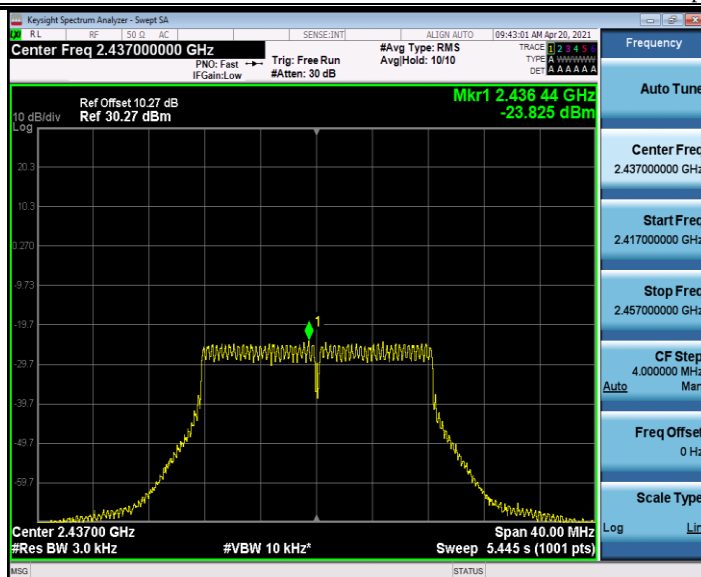
11B_Ant1_2462



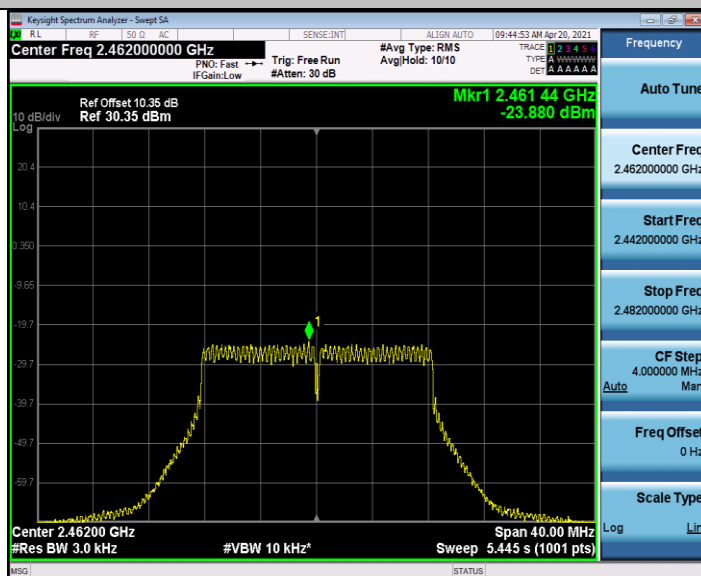
11G_Ant1_2412



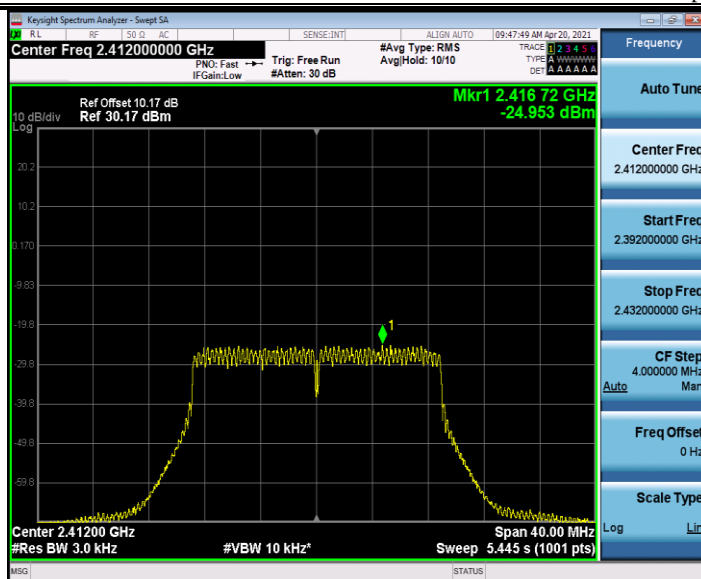
11G_Ant1_2437



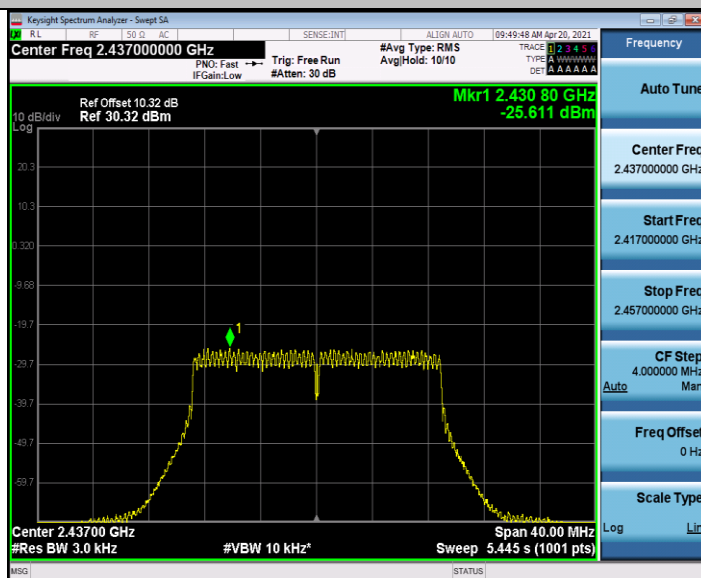
11G_Ant1_2462



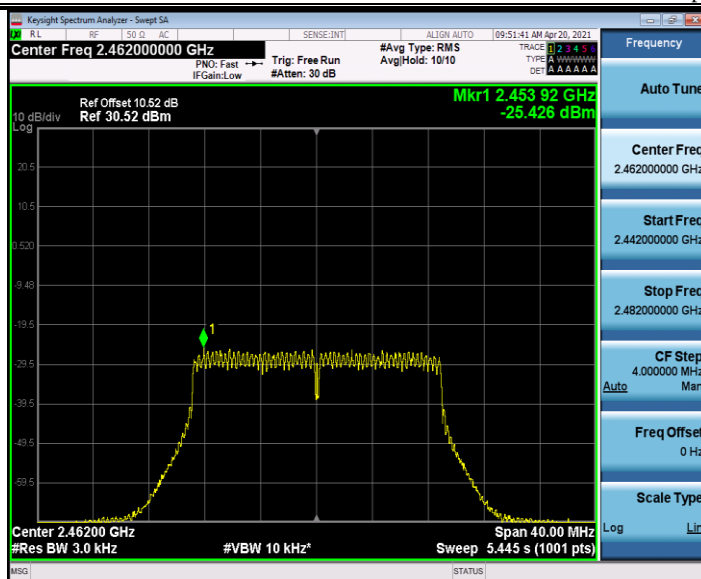
11N20SISO_Ant1_2412



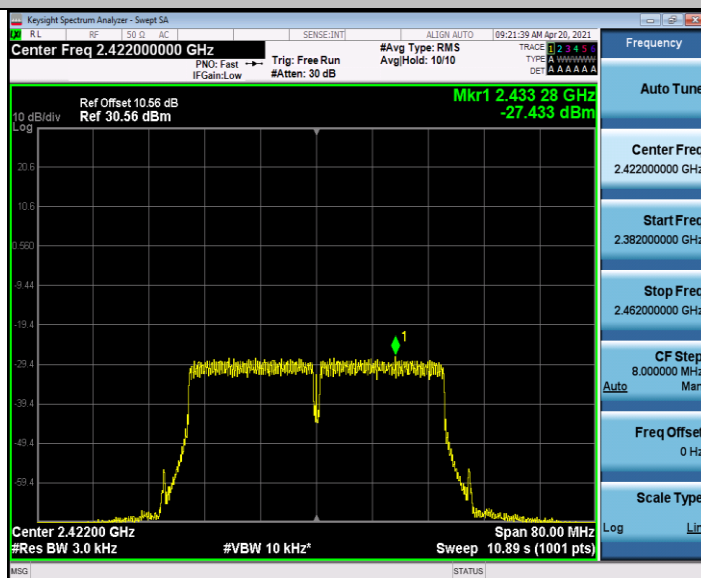
11N20SISO_Ant1_2437



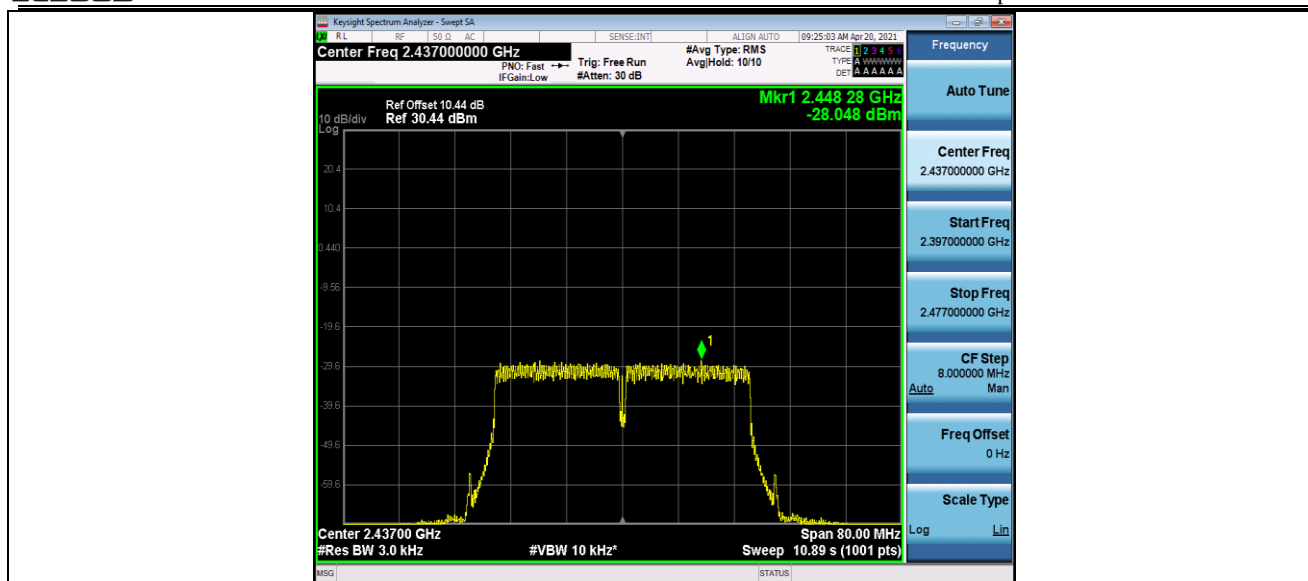
11N20SISO_Ant1_2462



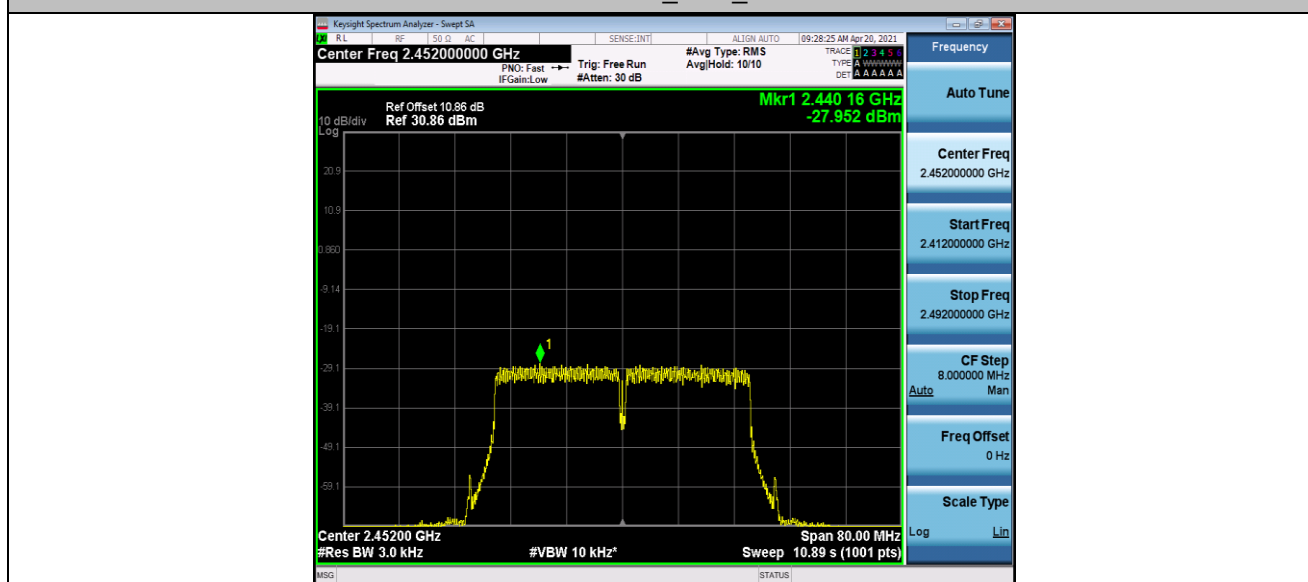
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



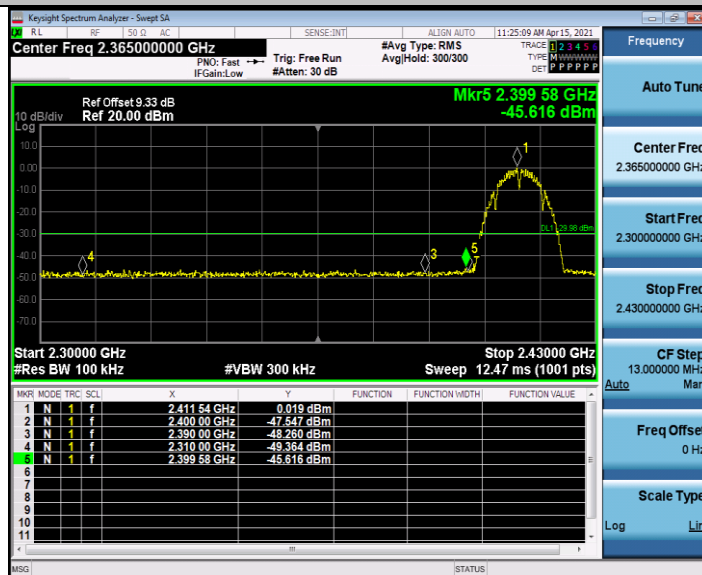
Appendix F: Band edge measurements

Test Result

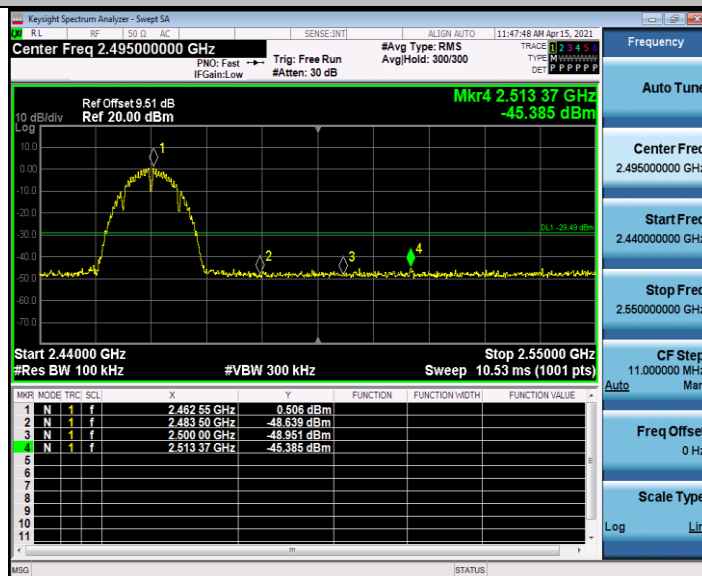
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	0.02	-45.62	<=-29.98	PASS
		High	2462	0.51	-45.39	<=-29.49	PASS
11G	Ant1	Low	2412	0.16	-45.82	<=-29.84	PASS
		High	2462	-0.01	-45.55	<=-30.01	PASS
11N20SISO	Ant1	Low	2412	-0.18	-46.45	<=-30.18	PASS
		High	2462	-8.54	-45.59	<=-38.54	PASS
11N40SISO	Ant1	Low	2422	-11.44	-46.48	<=-41.44	PASS
		High	2452	-12.07	-54.38	<=-42.07	PASS

Test Graphs

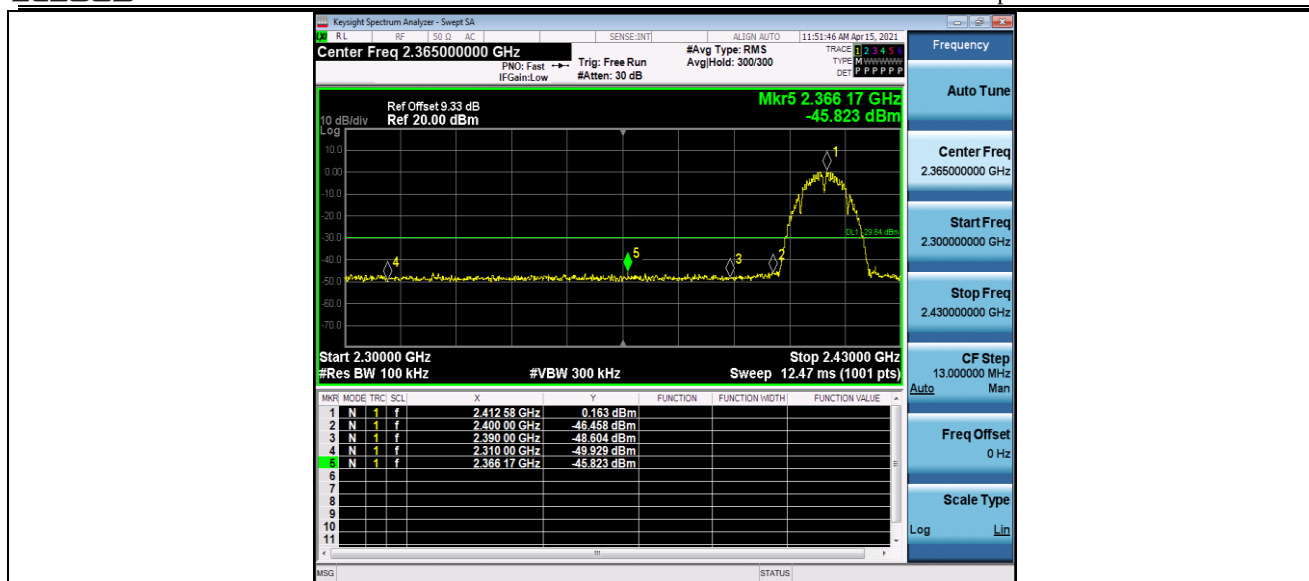
11B_Ant1_Low_2412



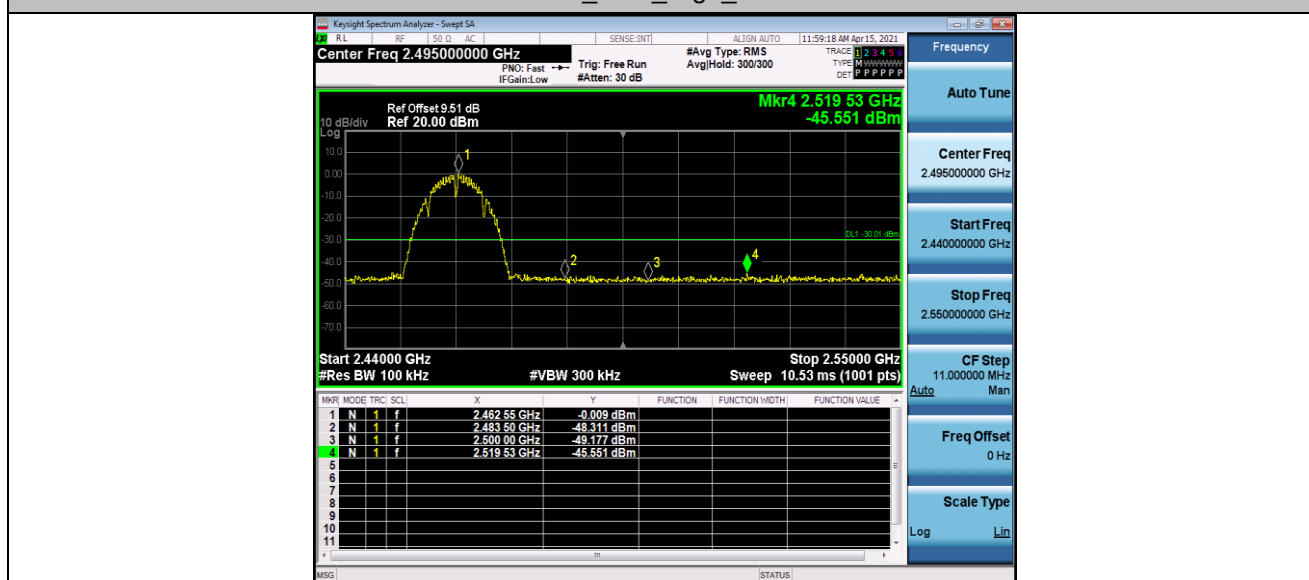
11B_Ant1_High_2462



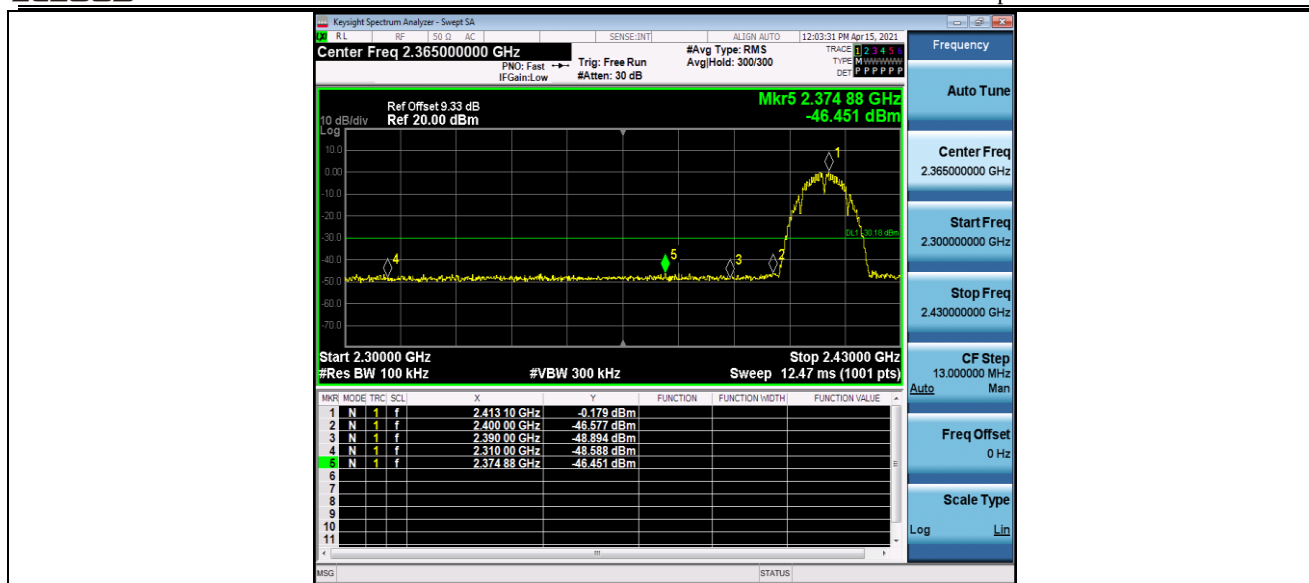
11G_Ant1_Low_2412



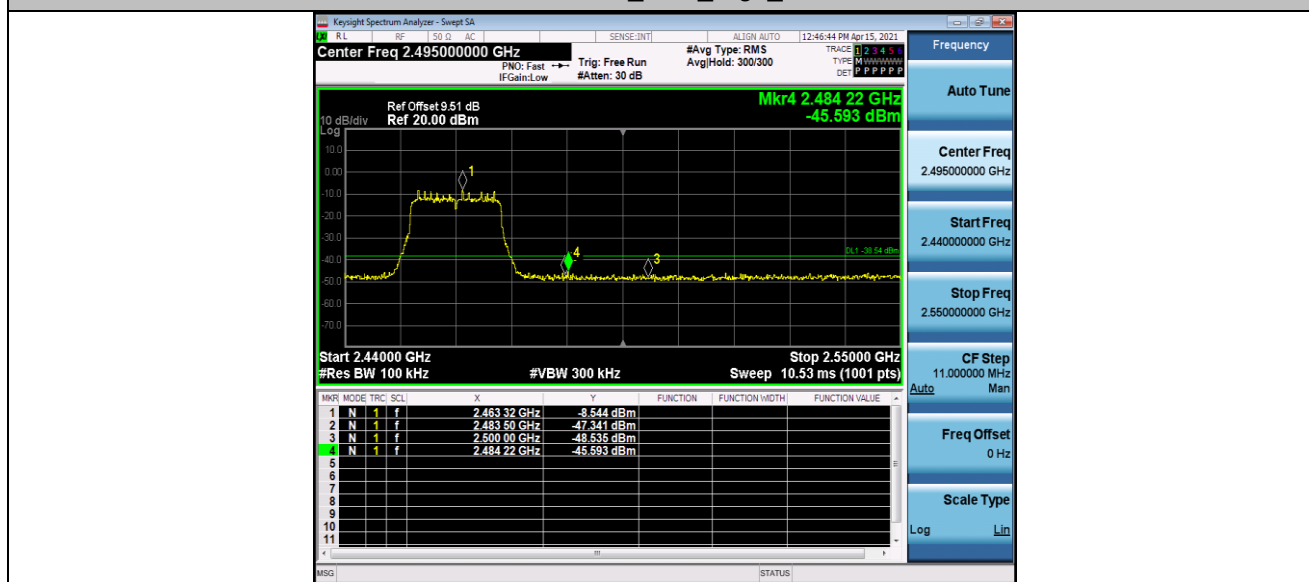
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



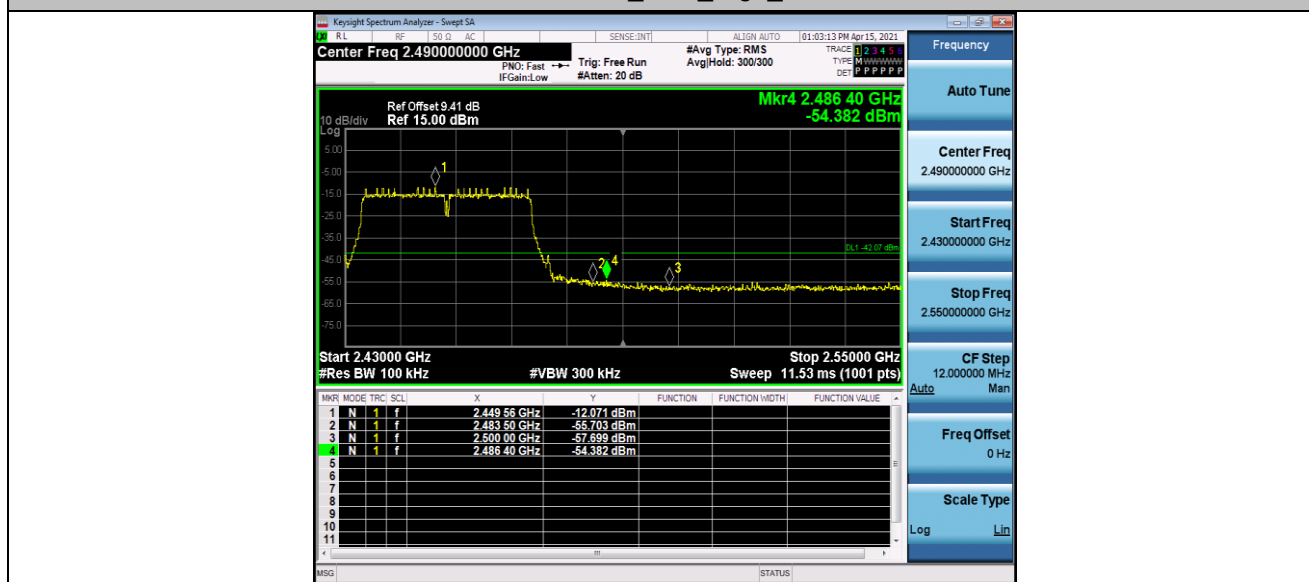
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix G: Conducted Spurious Emission

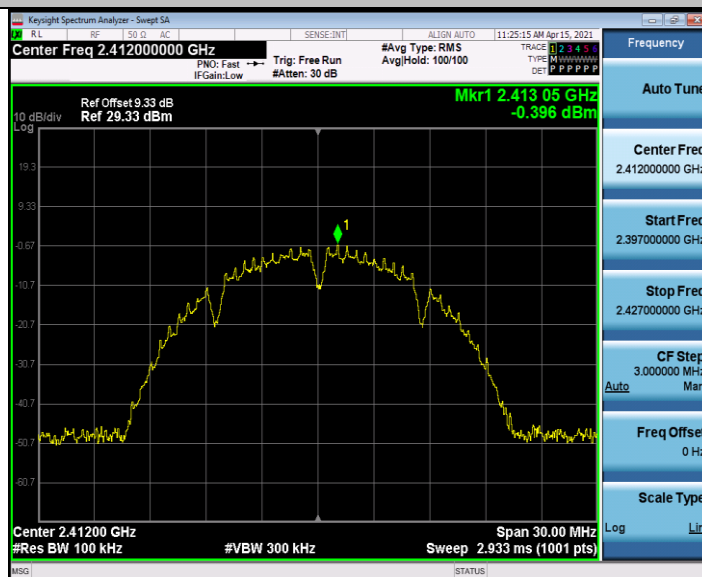
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-0.40	-0.40	---	PASS
			30~1000	-0.40	-55.64	<=-30.4	PASS
			1000~26500	-0.40	-37.34	<=-30.4	PASS
		2437	Reference	-0.79	-0.79	---	PASS
			30~1000	-0.79	-57.32	<=-30.79	PASS
			1000~26500	-0.79	-36.81	<=-30.79	PASS
		2462	Reference	0.24	0.24	---	PASS
			30~1000	0.24	-56.56	<=-29.76	PASS
			1000~26500	0.24	-37	<=-29.76	PASS
11G	Ant1	2412	Reference	0.10	0.10	---	PASS
			30~1000	0.10	-56.93	<=-29.9	PASS
			1000~26500	0.10	-37.12	<=-29.9	PASS
		2437	Reference	0.18	0.18	---	PASS
			30~1000	0.18	-56.88	<=-29.82	PASS
			1000~26500	0.18	-36.83	<=-29.82	PASS
		2462	Reference	-0.61	-0.61	---	PASS
			30~1000	-0.61	-55.79	<=-30.61	PASS
			1000~26500	-0.61	-37.12	<=-30.61	PASS
11N20SISO	Ant1	2412	Reference	-0.36	-0.36	---	PASS
			30~1000	-0.36	-56.54	<=-30.36	PASS
			1000~26500	-0.36	-36.57	<=-30.36	PASS
		2437	Reference	-8.95	-8.95	---	PASS
			30~1000	-8.95	-56.32	<=-38.95	PASS
			1000~26500	-8.95	-46.95	<=-38.95	PASS
		2462	Reference	-9.38	-9.38	---	PASS
			30~1000	-9.38	-57.12	<=-39.38	PASS
			1000~26500	-9.38	-47	<=-39.38	PASS
11N40SISO	Ant1	2422	Reference	-11.59	-11.59	---	PASS
			30~1000	-11.59	-56.26	<=-41.59	PASS
			1000~26500	-11.59	-47.63	<=-41.59	PASS

		2437	Reference	-11.68	-11.68	---	PASS
			30~1000	-11.68	-56.51	≤ -41.68	PASS
			1000~26500	-11.68	-46.19	≤ -41.68	PASS
		2452	Reference	-4.12	-4.12	---	PASS
			30~1000	-4.12	-54.96	≤ -34.12	PASS
			1000~26500	-4.12	-35.09	≤ -34.12	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



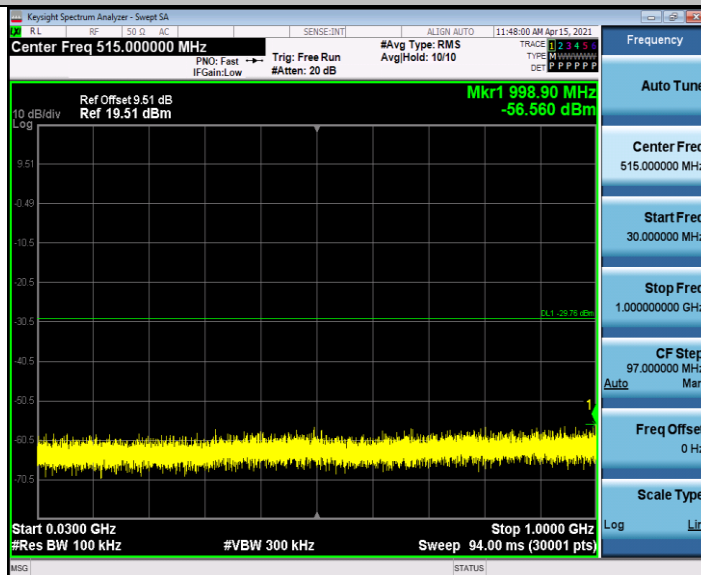
11B_Ant1_2437_1000~26500



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