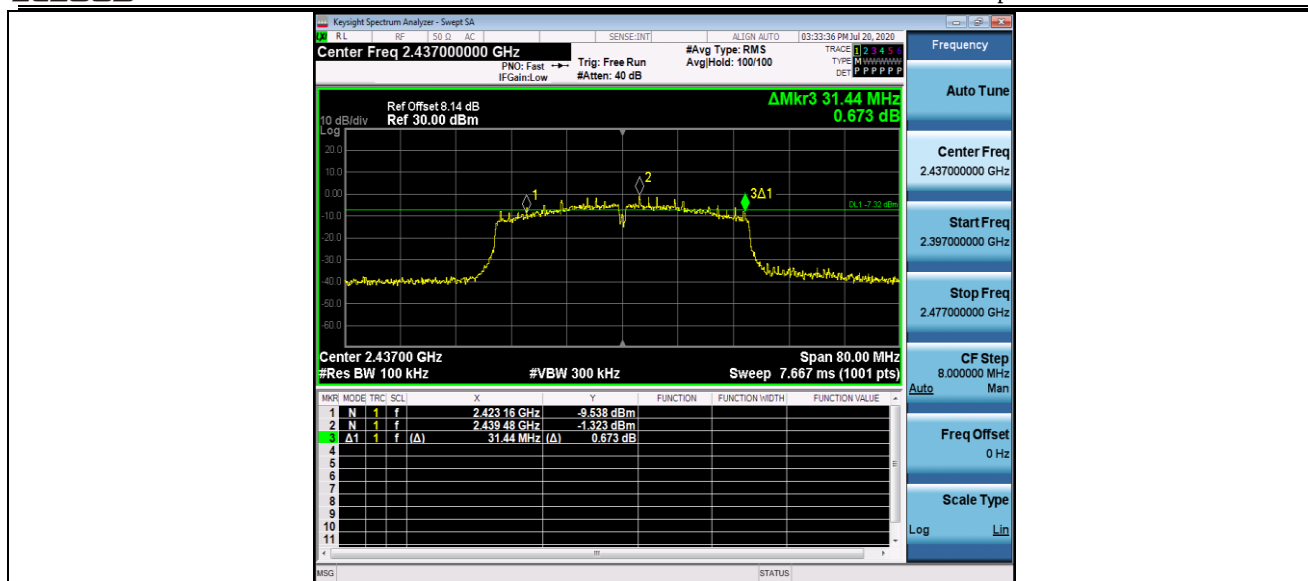
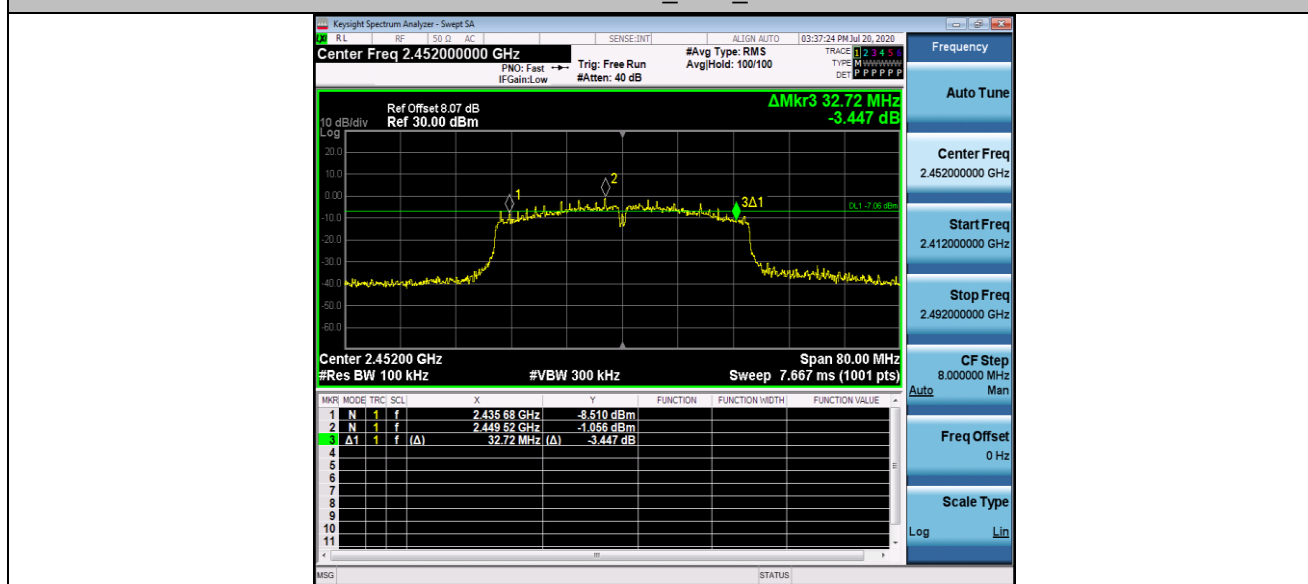




11N40SISO_Ant1_2452



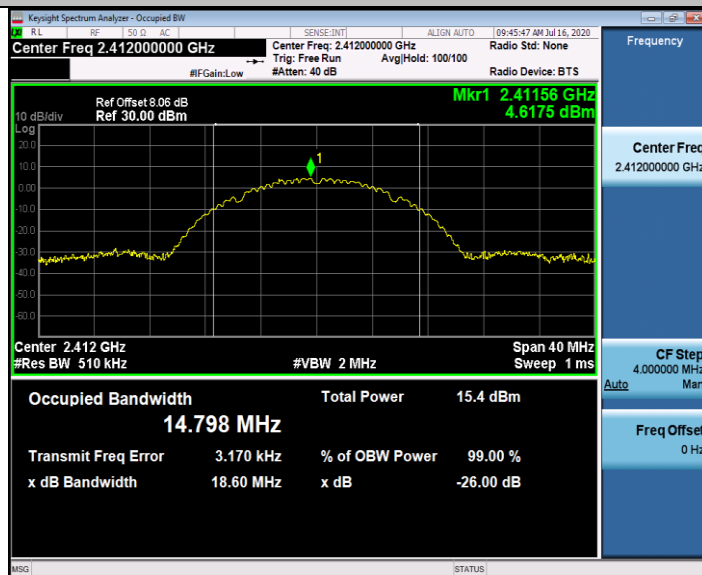
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.798	2404.604	2419.402	---	PASS
		2437	14.732	2429.641	2444.373	---	PASS
		2462	14.737	2454.654	2469.391	---	PASS
11G	Ant1	2412	16.128	2403.965	2420.093	---	PASS
		2437	16.124	2428.971	2445.095	---	PASS
		2462	16.145	2453.958	2470.103	---	PASS
11N20SISO	Ant1	2412	16.882	2403.604	2420.486	---	PASS
		2437	16.872	2428.600	2445.472	---	PASS
		2462	16.944	2453.535	2470.479	---	PASS
11N40SISO	Ant1	2422	35.502	2404.336	2439.838	---	PASS
		2437	35.552	2419.277	2454.829	---	PASS
		2452	35.576	2434.254	2469.830	---	PASS

Test Graphs

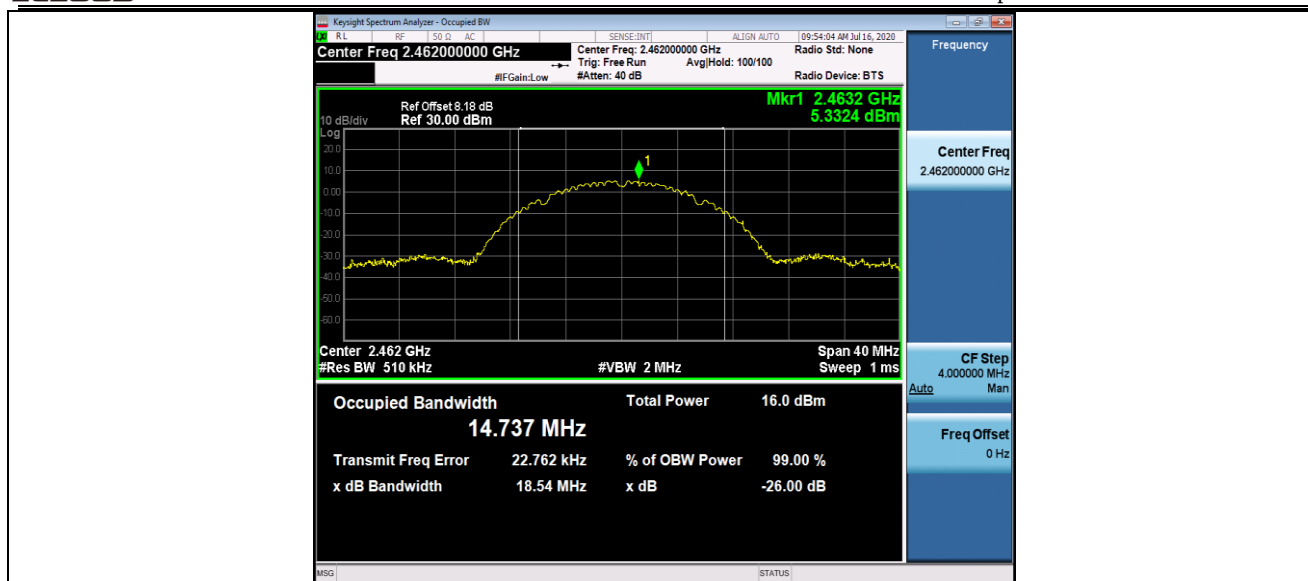
11B_Ant1_2412



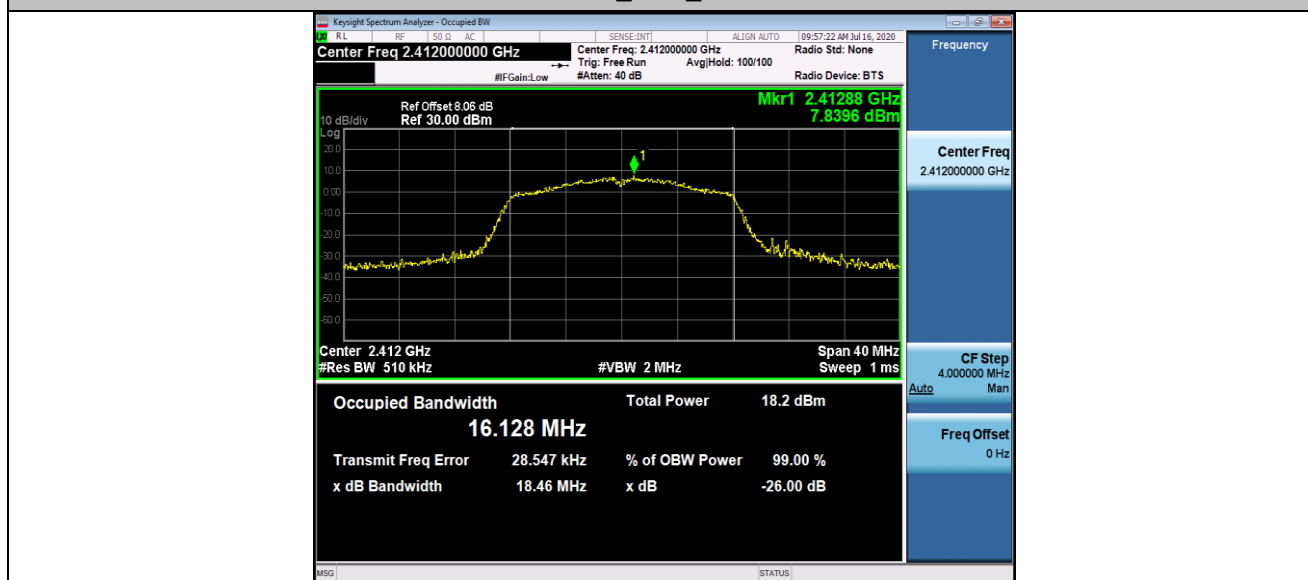
11B_Ant1_2437



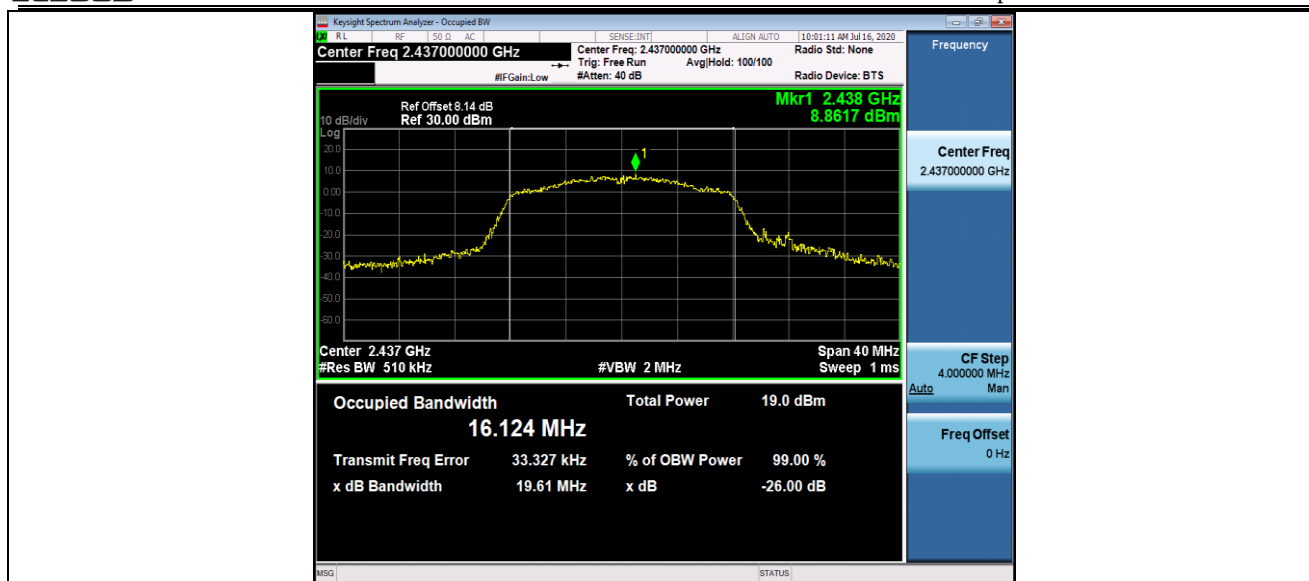
11B_Ant1_2462



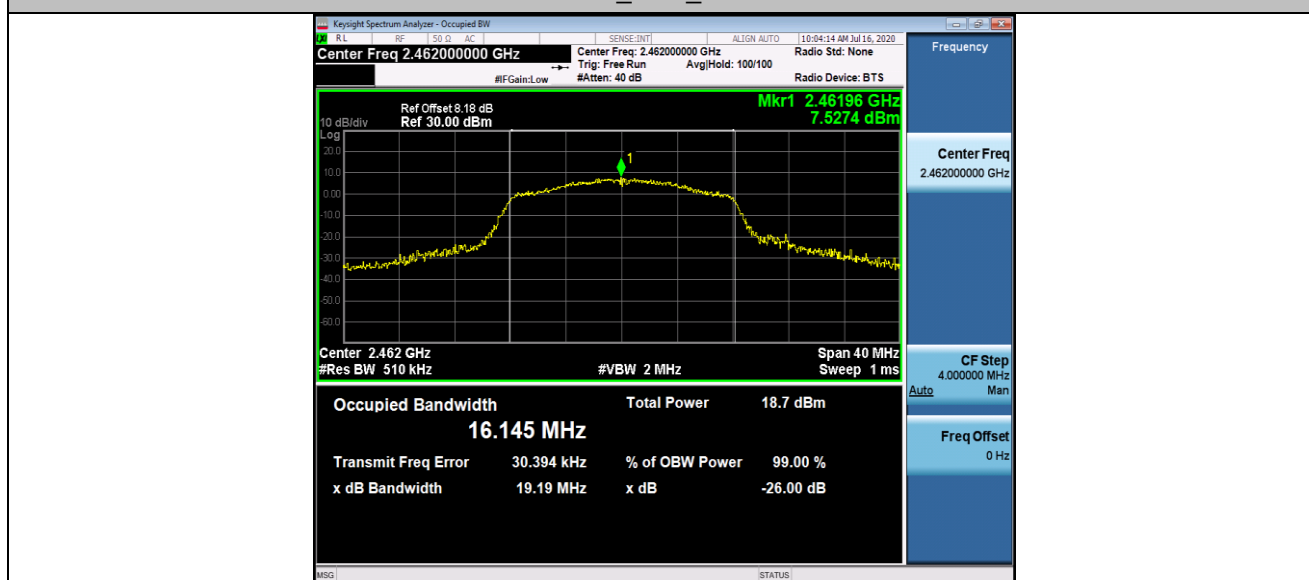
11G_Ant1_2412



11G_Ant1_2437



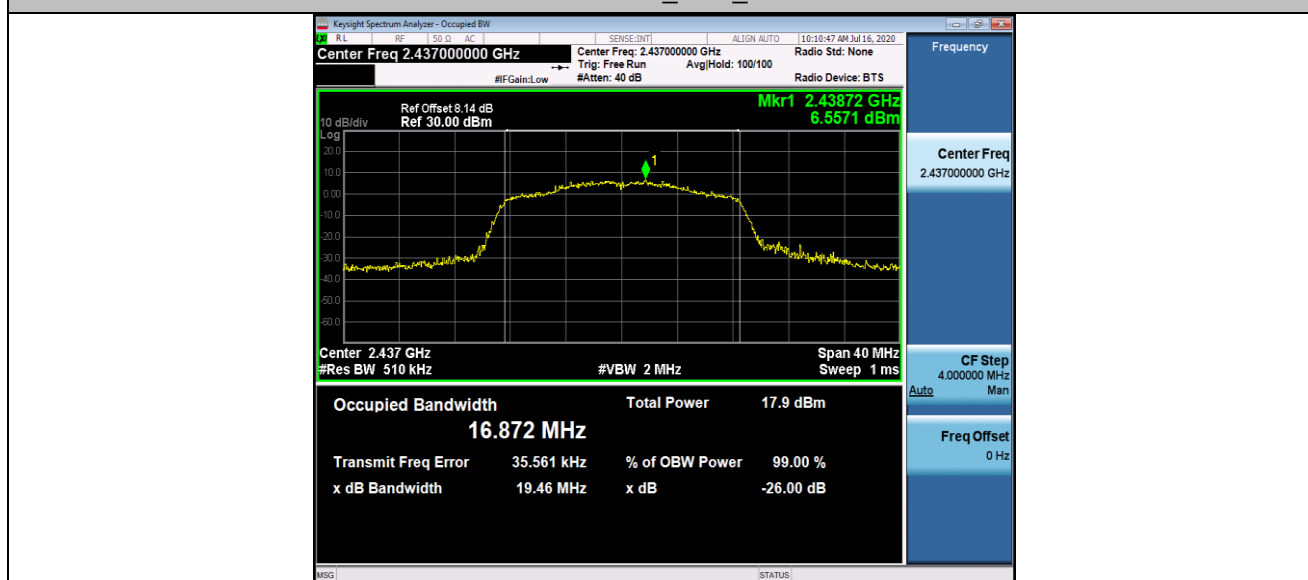
11G_Ant1_2462



11N20SISO_Ant1_2412



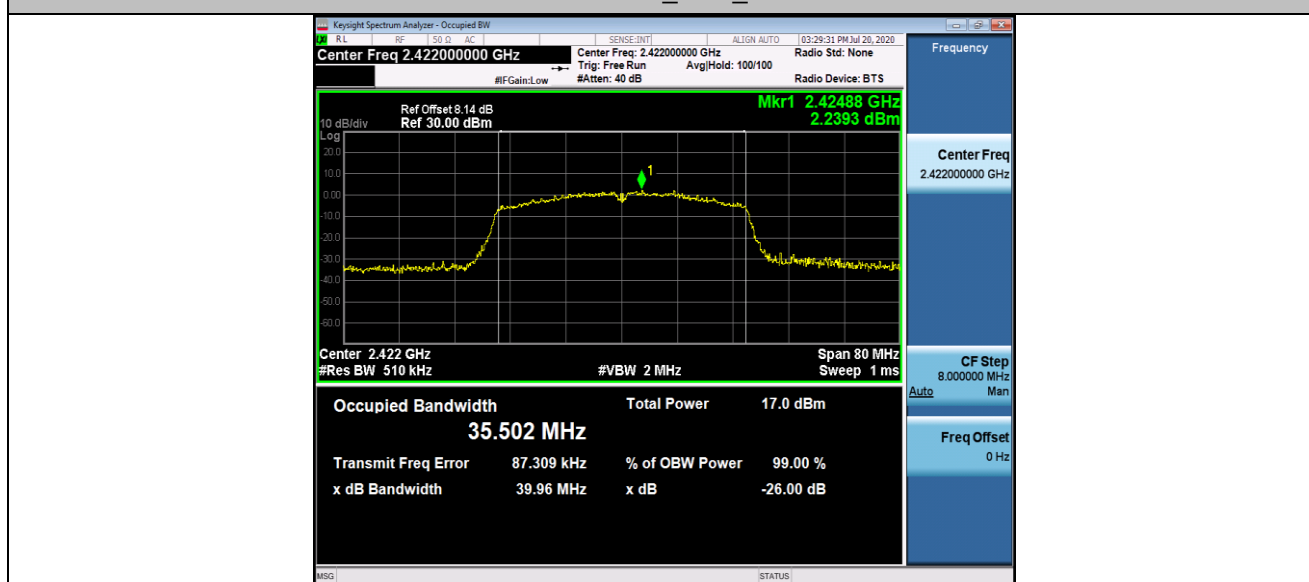
11N20SISO_Ant1_2437



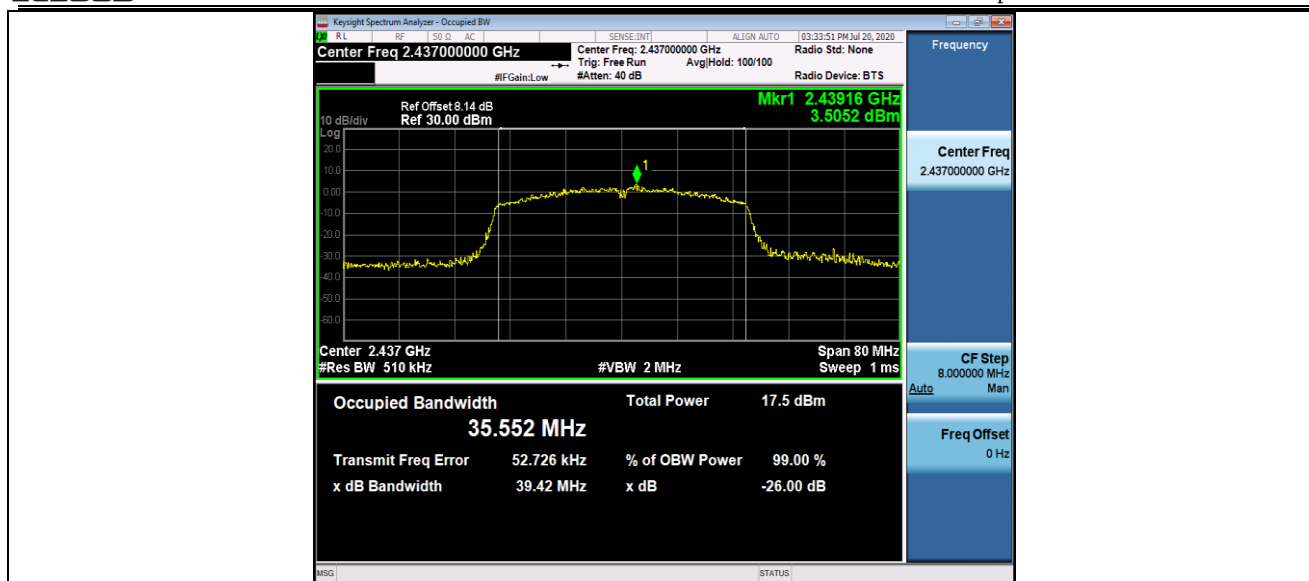
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



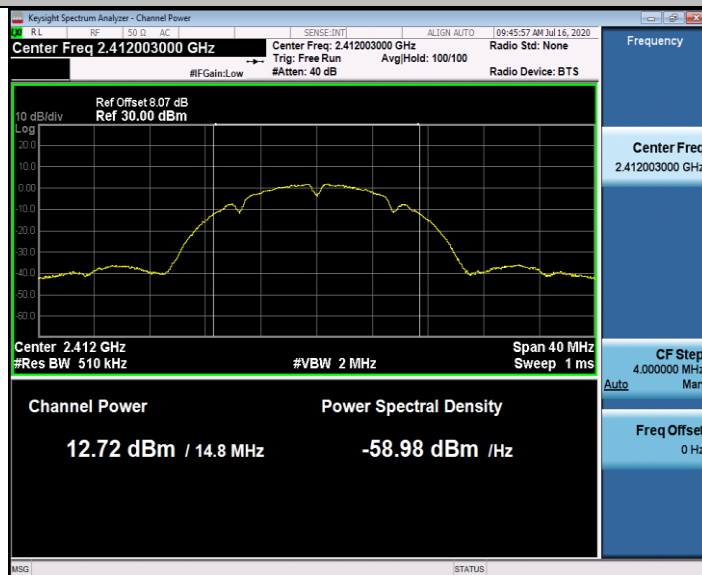
Appendix C: Maximum conducted output power

Test Result

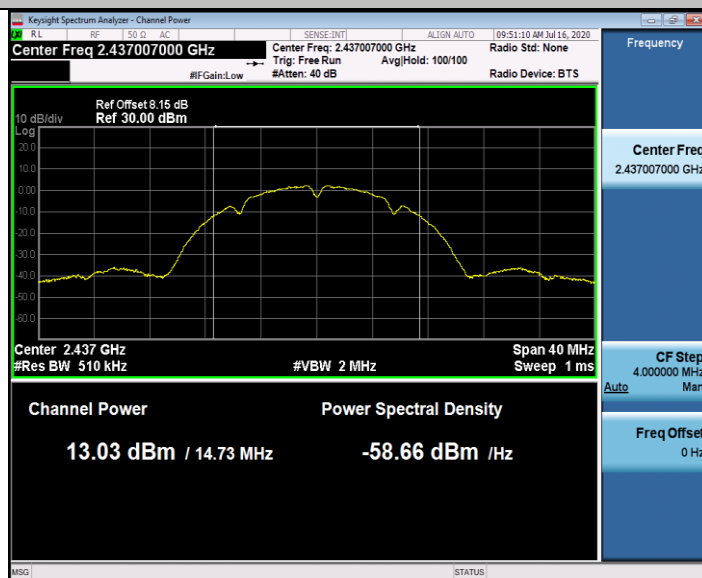
TestMode	Antenna	Channel	Result [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	12.73	<=30	PASS
		2437	13.03	<=30	PASS
		2462	13.41	<=30	PASS
11G	Ant1	2412	12.21	<=30	PASS
		2437	12.83	<=30	PASS
		2462	12.55	<=30	PASS
11N20SISO	Ant1	2412	10.98	<=30	PASS
		2437	11.72	<=30	PASS
		2462	11.61	<=30	PASS
11N40SISO	Ant1	2422	10.79	<=30	PASS
		2437	11.31	<=30	PASS
		2452	11.25	<=30	PASS

Test Graphs

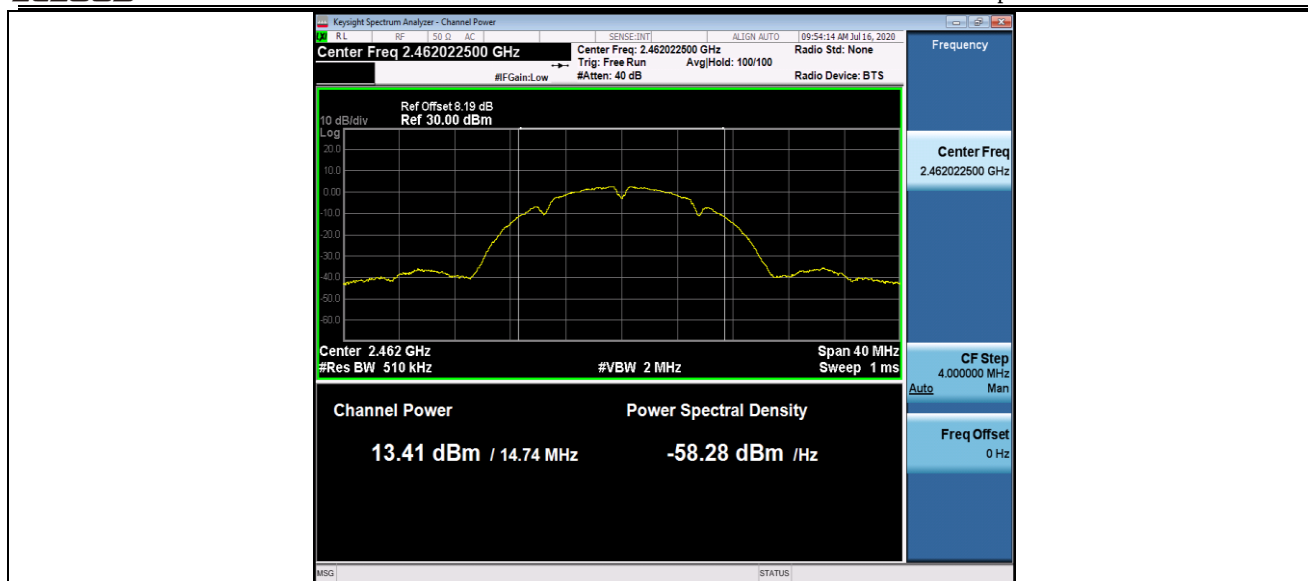
11B_Ant1_2412



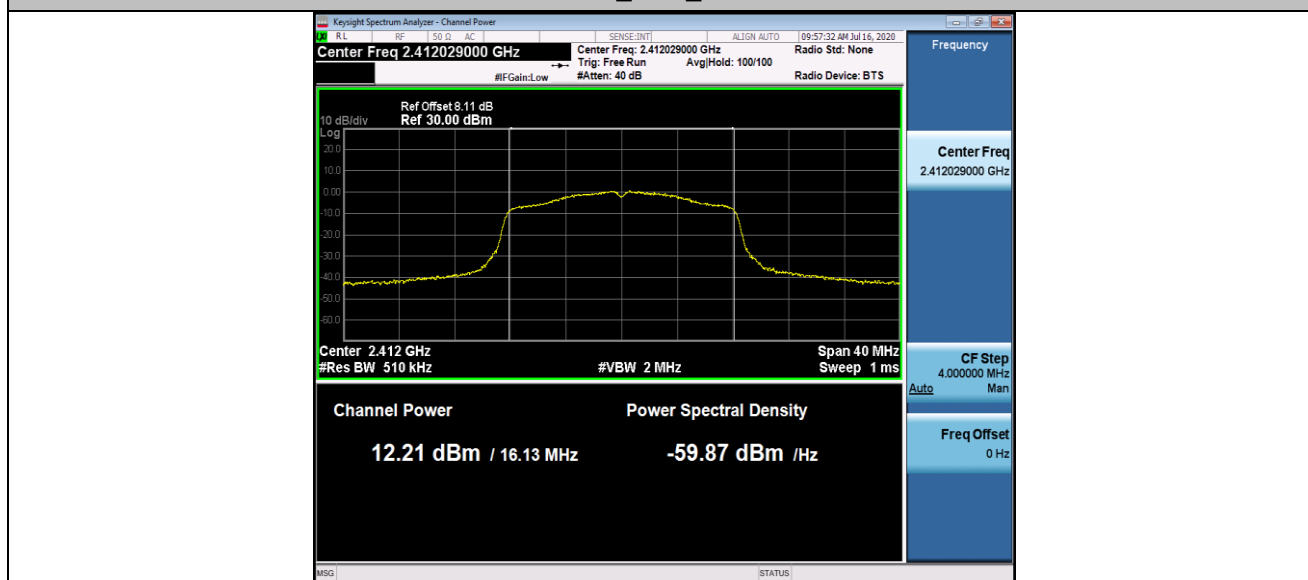
11B_Ant1_2437



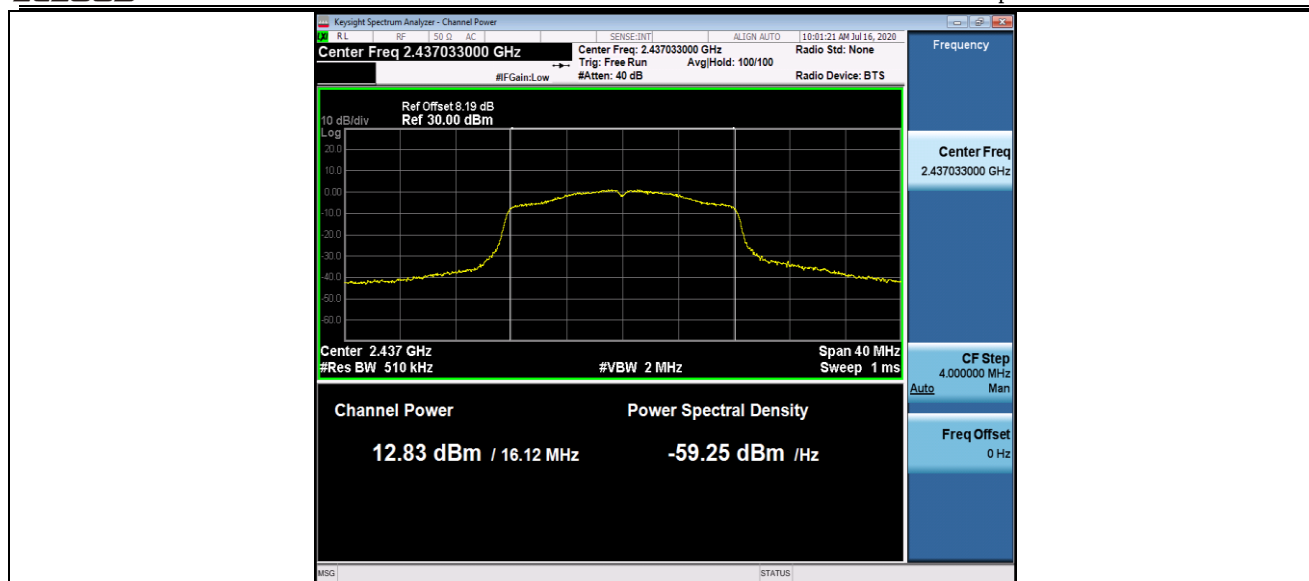
11B_Ant1_2462



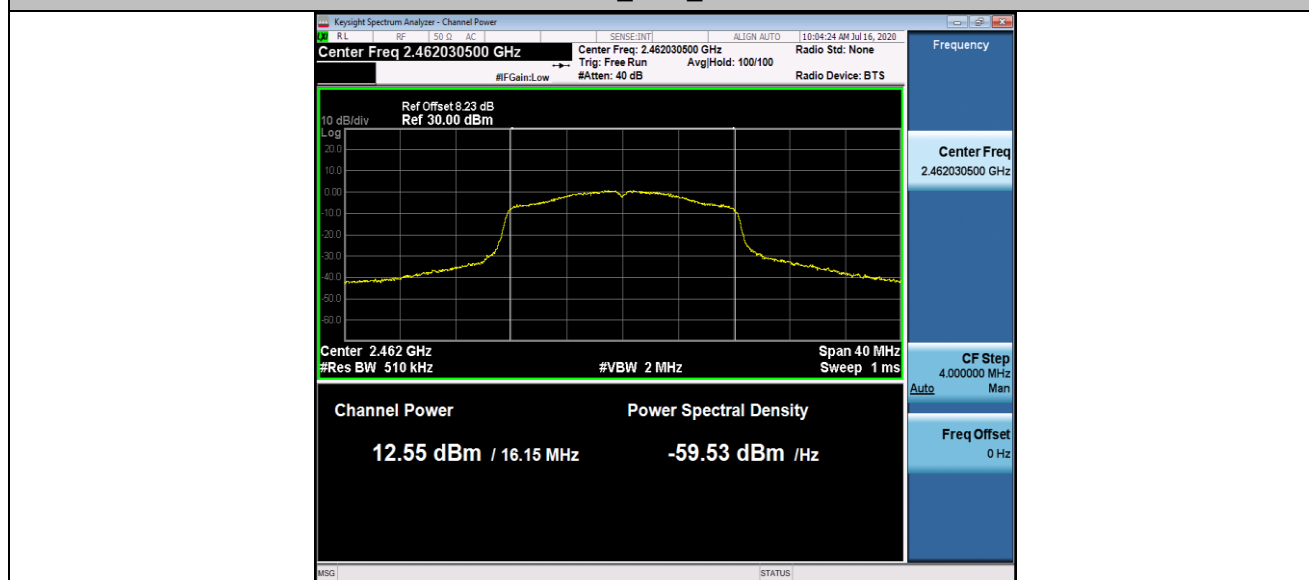
11G_Ant1_2412



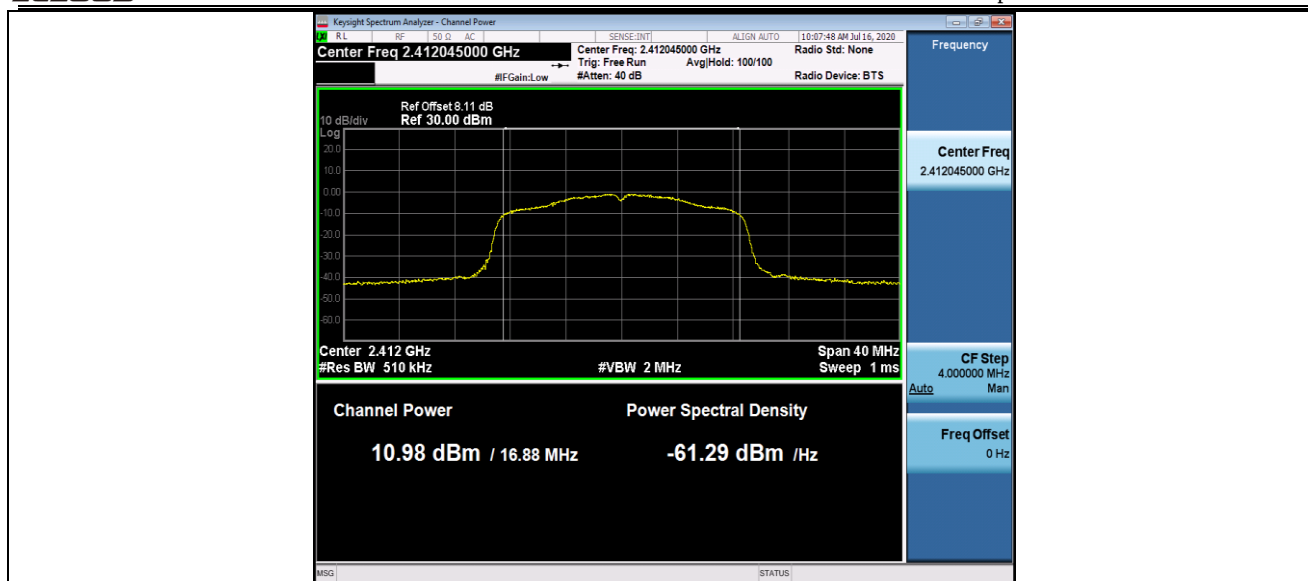
11G_Ant1_2437



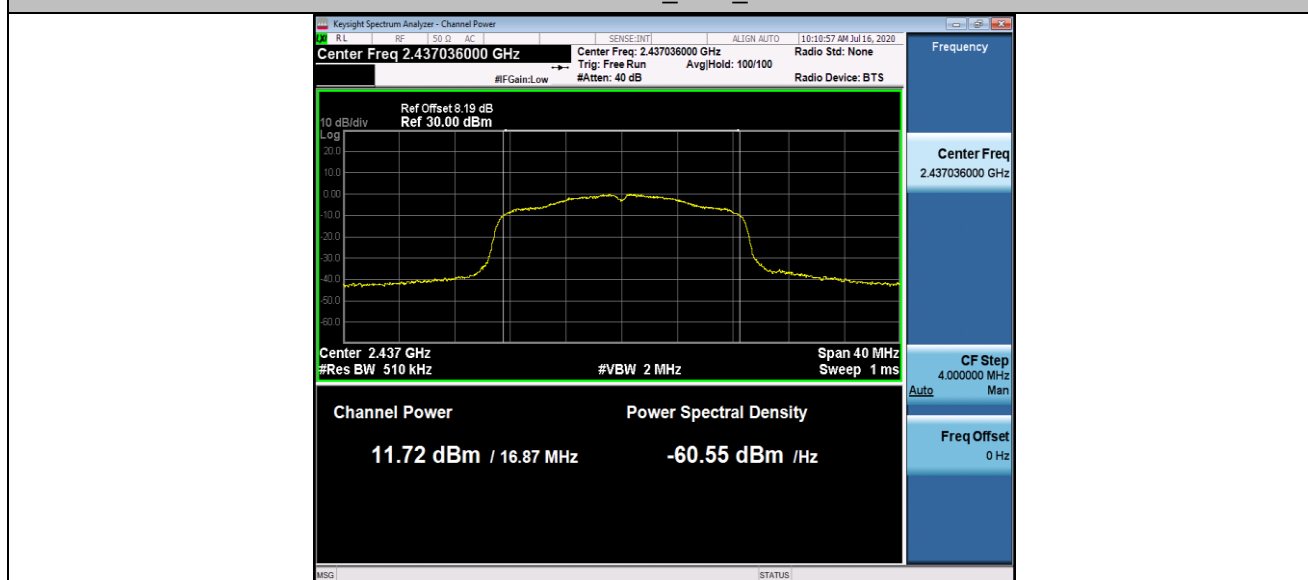
11G_Ant1_2462



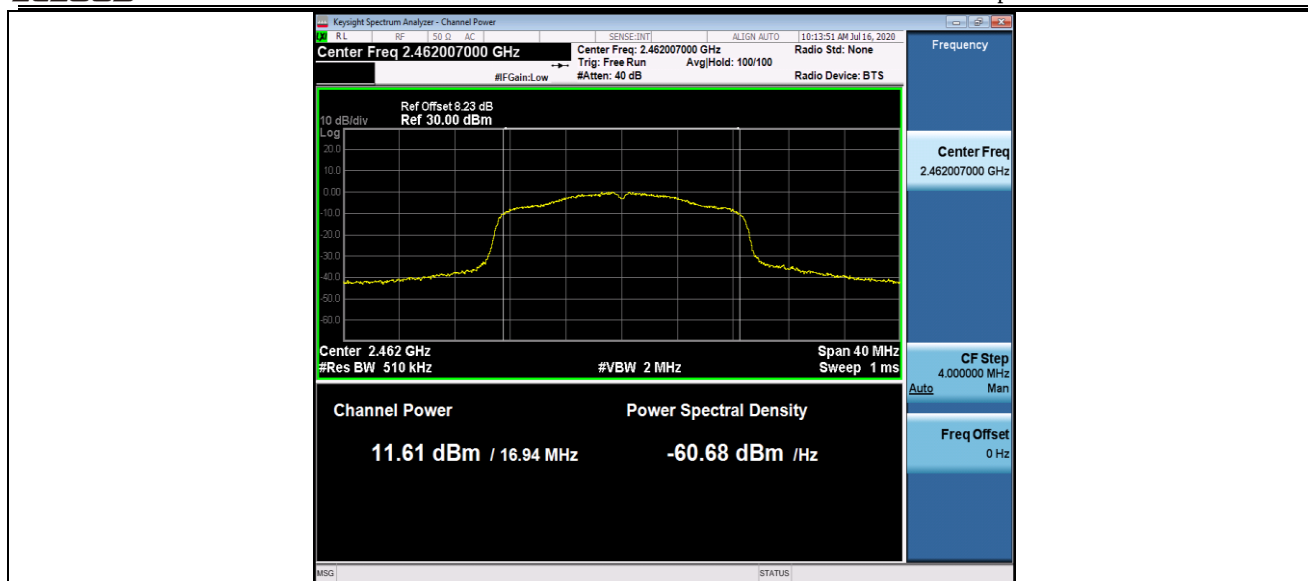
11N20SISO_Ant1_2412



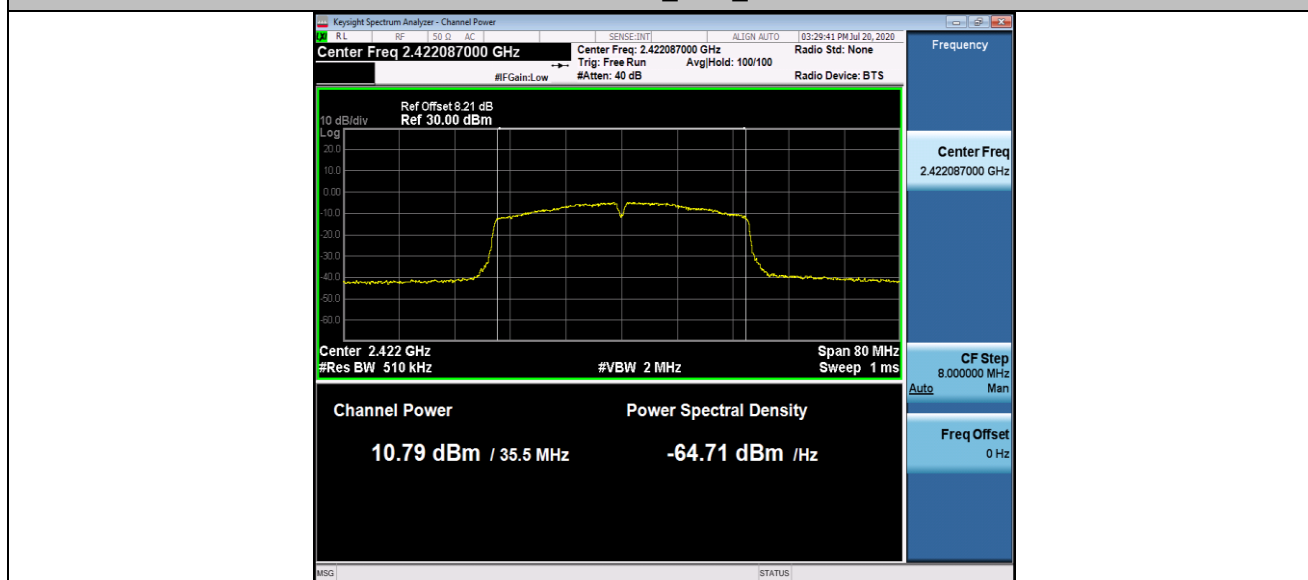
11N20SISO_Ant1_2437



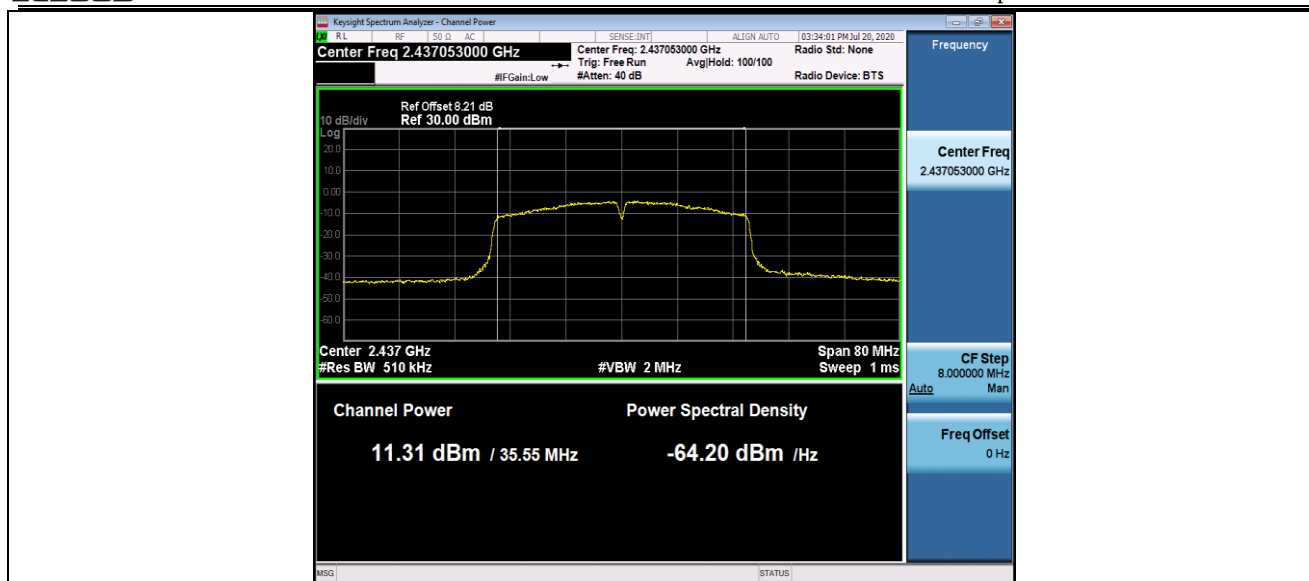
11N20SISO_Ant1_2462



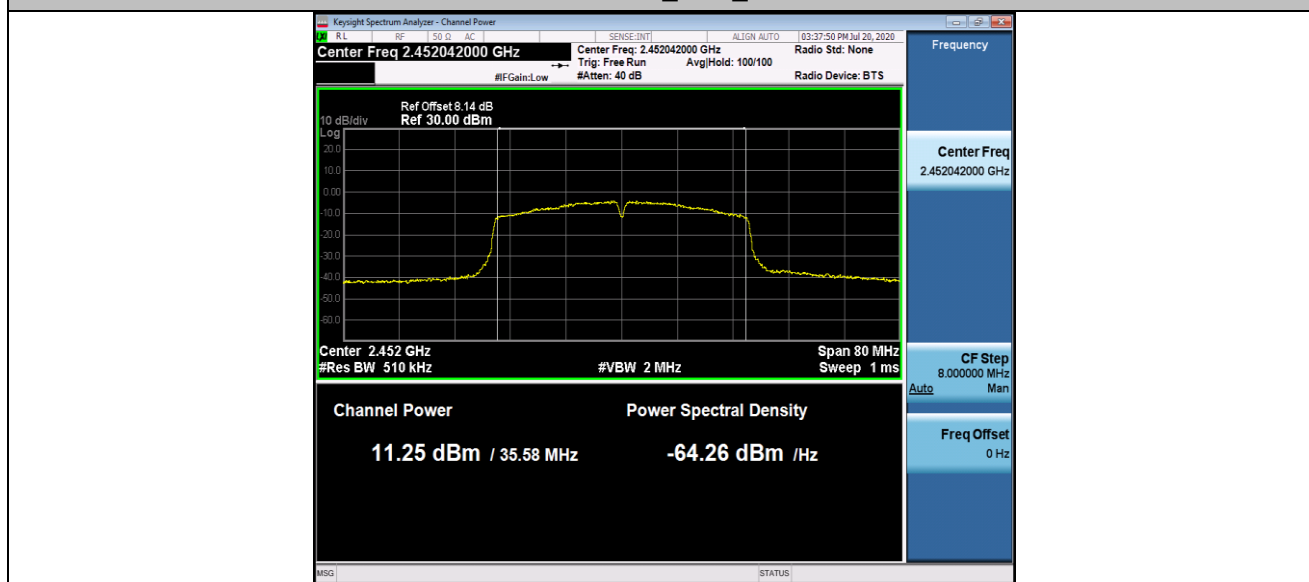
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



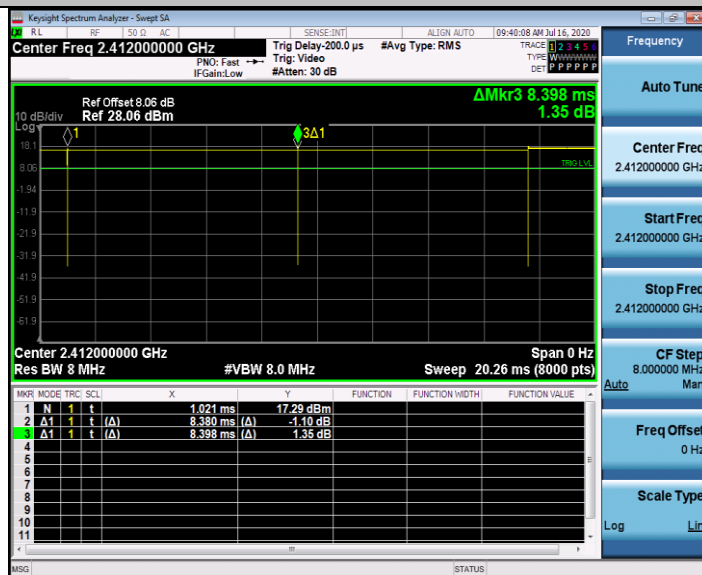
Appendix D: Duty Cycle

Test Result

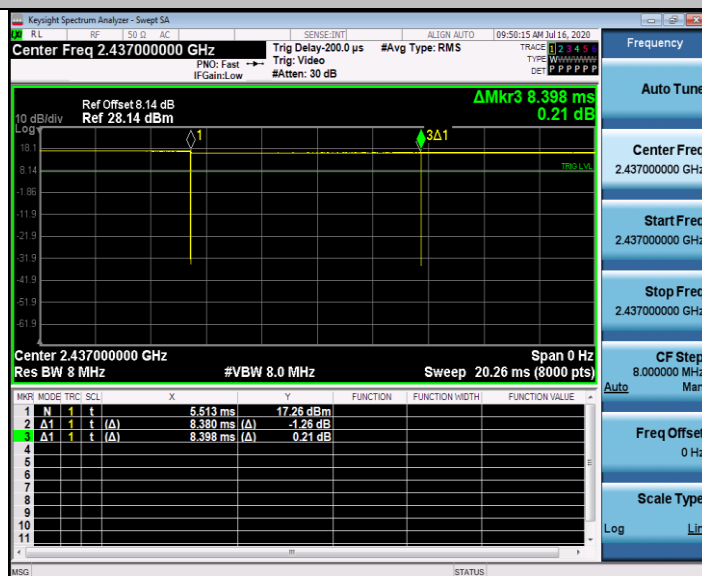
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.38	8.40	99.79
		2437	8.38	8.40	99.79
		2462	8.38	8.40	99.79
11G	Ant1	2412	1.39	1.41	98.83
		2437	1.39	1.41	98.83
		2462	1.39	1.41	98.83
11N20SISO	Ant1	2412	1.30	1.31	98.75
		2437	1.30	1.31	98.84
		2462	1.30	1.31	98.75
11N40SISO	Ant1	2422	0.65	0.66	98.46
		2437	0.65	0.66	98.46
		2452	0.65	0.66	98.46

Test Graphs

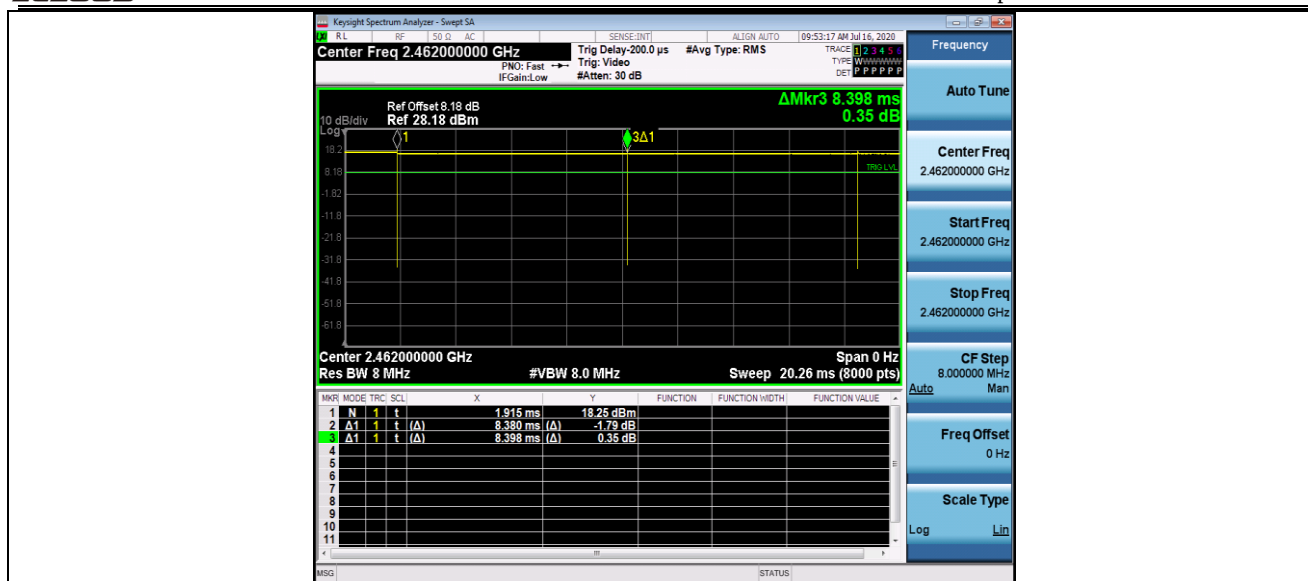
11B_Ant1_2412



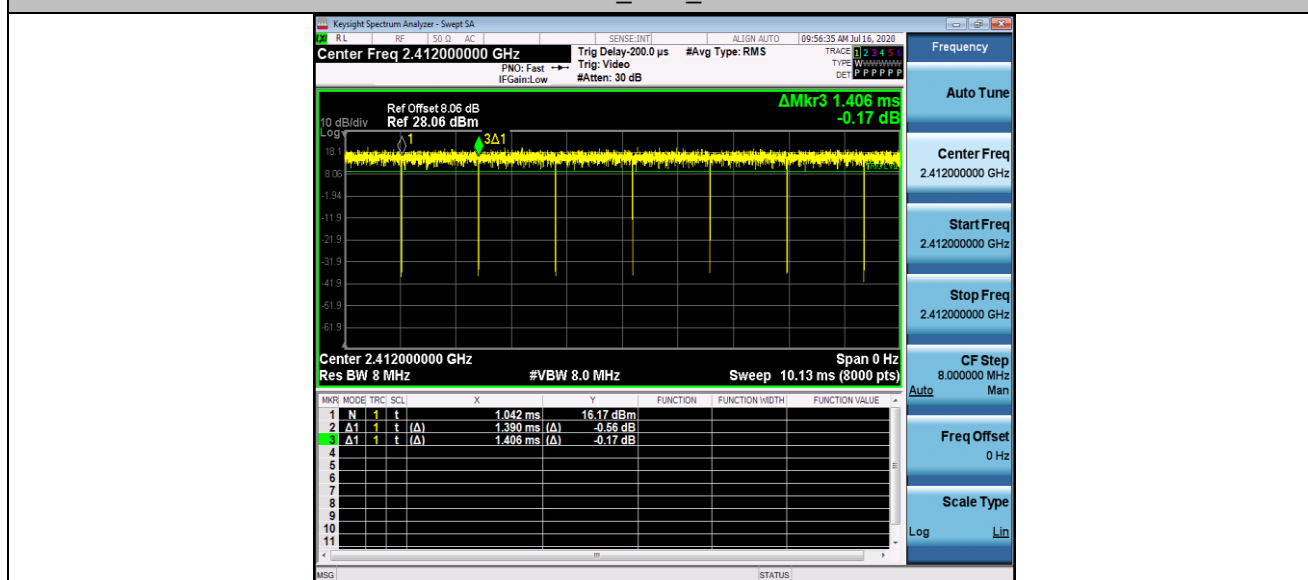
11B_Ant1_2437



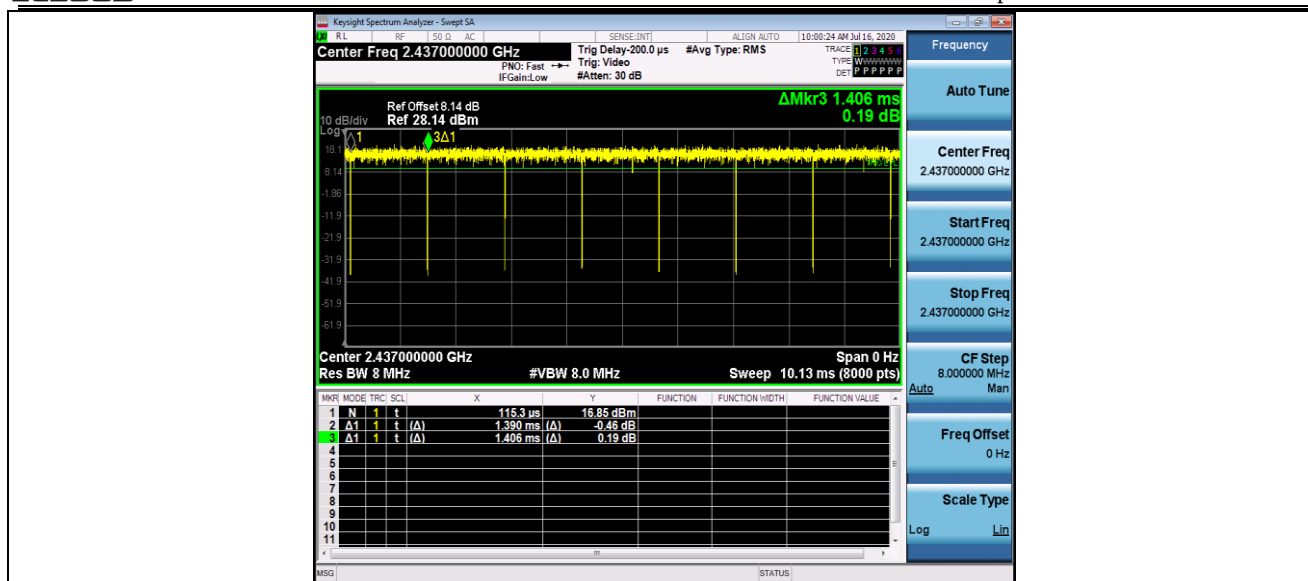
11B_Ant1_2462



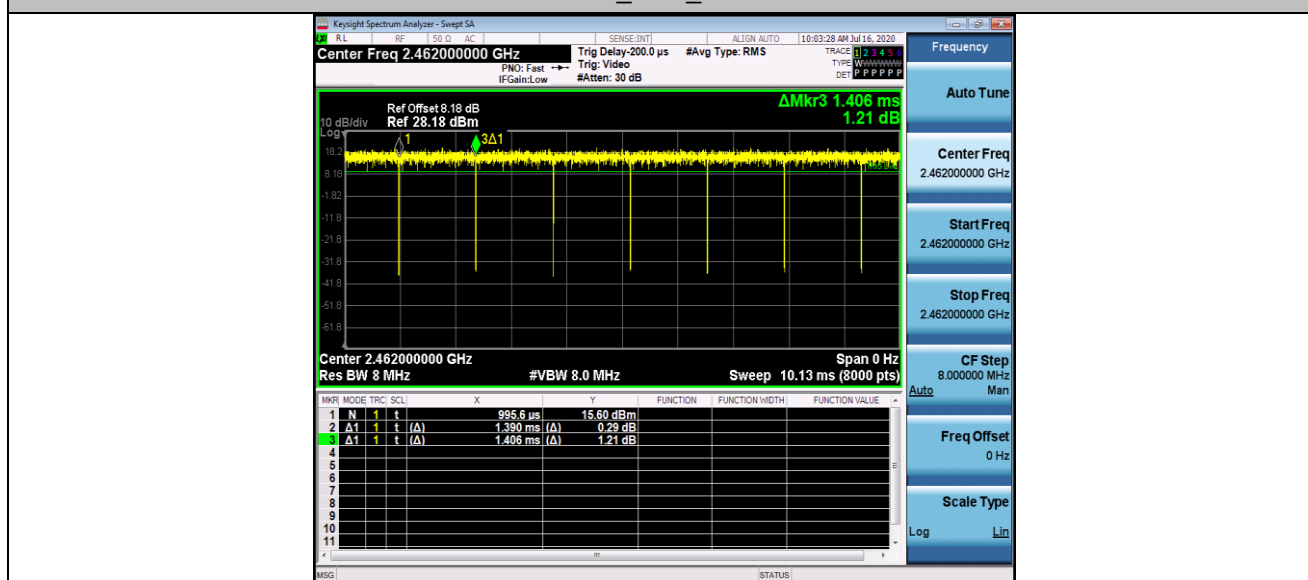
11G_Ant1_2412



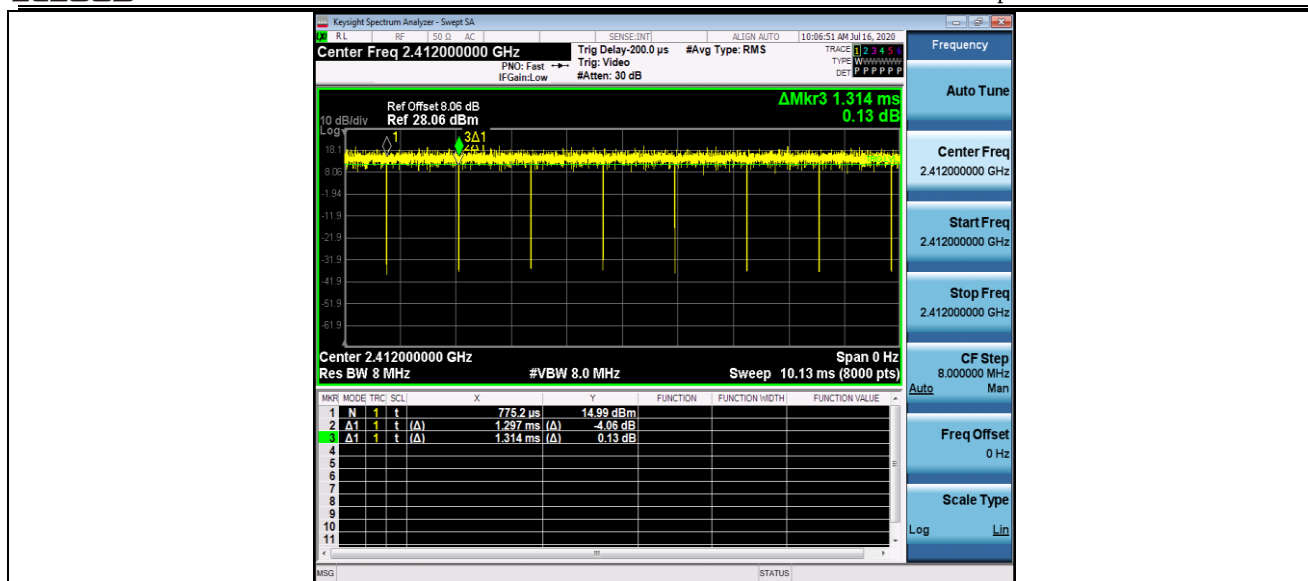
11G_Ant1_2437



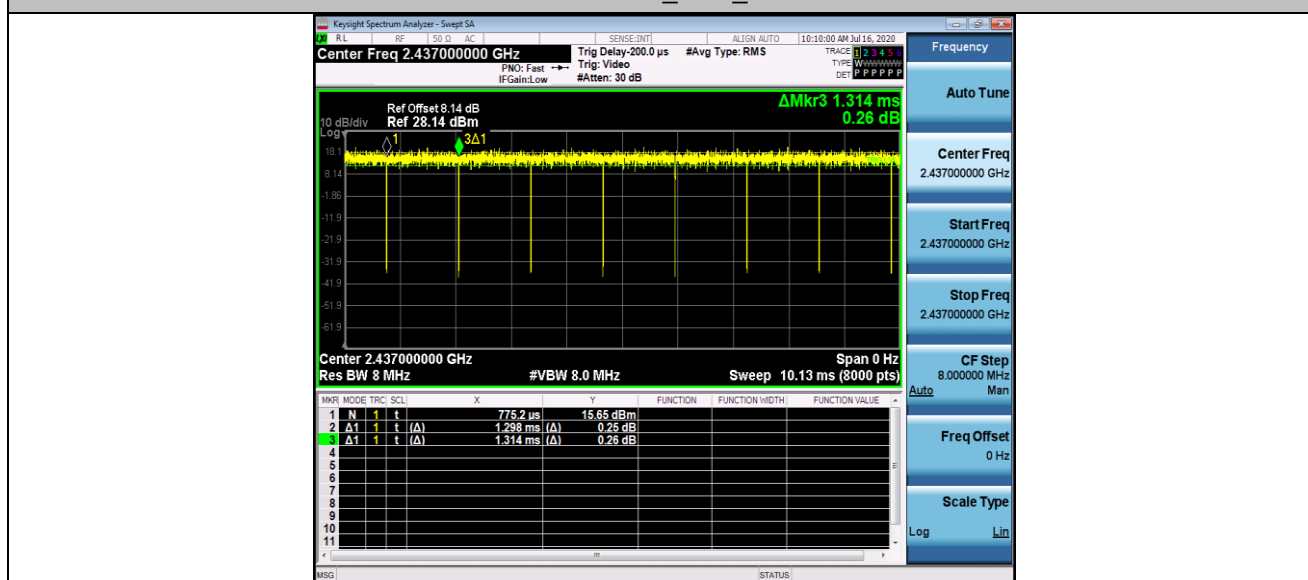
11G_Ant1_2462



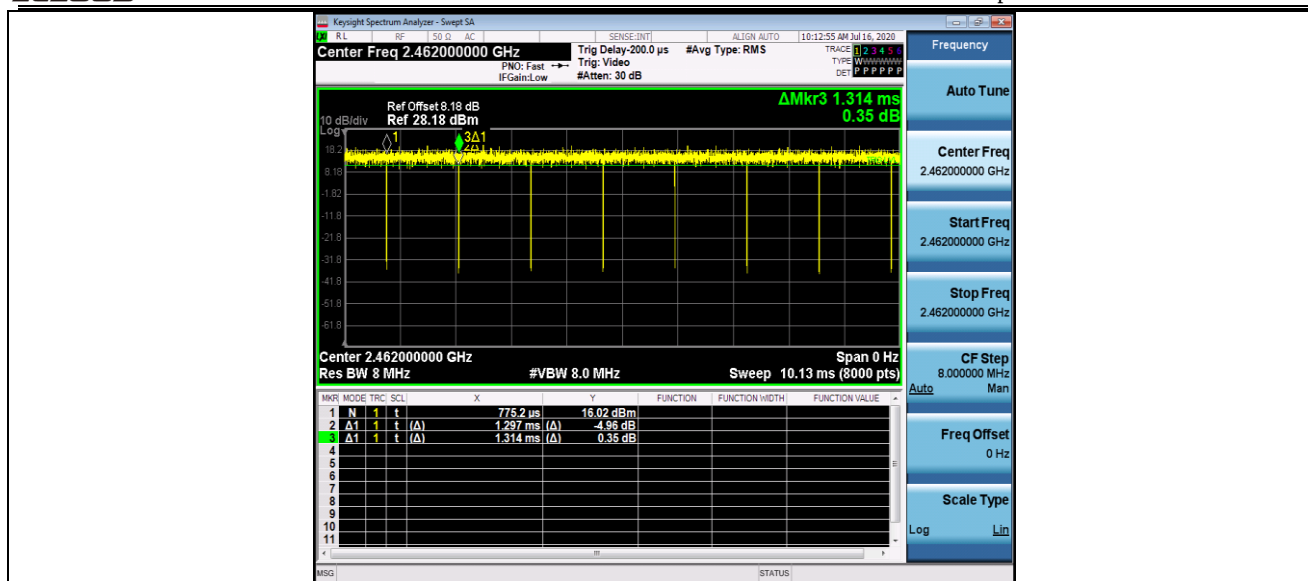
11N20SISO_Ant1_2412



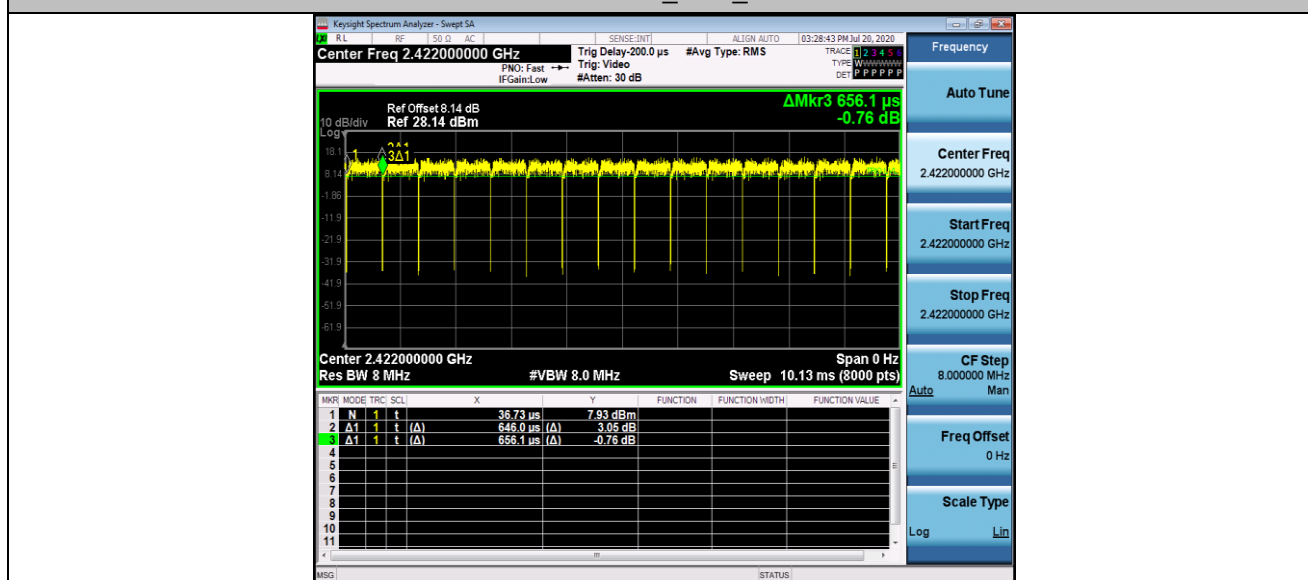
11N20SISO_Ant1_2437



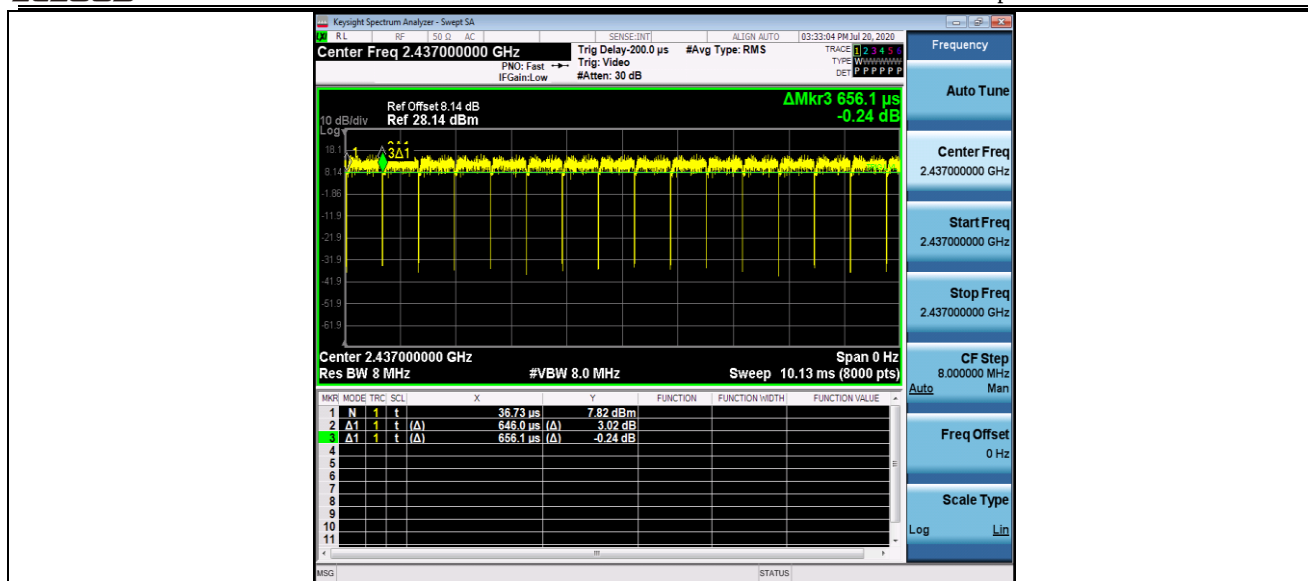
11N20SISO_Ant1_2462



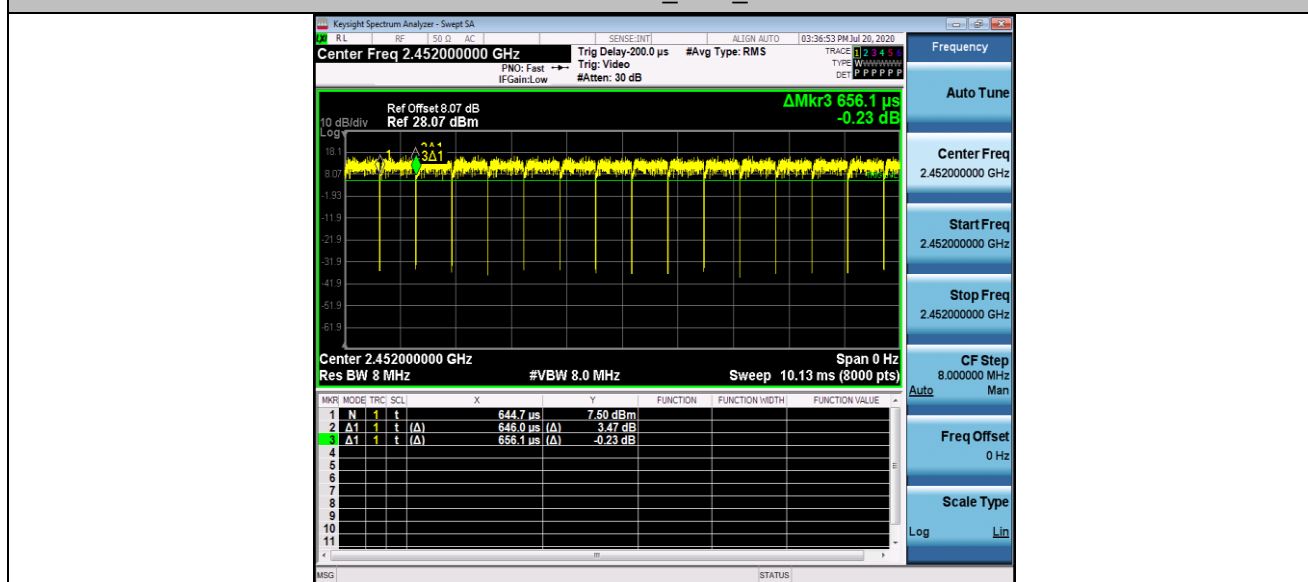
11N40SISO_Ant1_2422



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	-9.14	-19.14	≤ 8	PASS
		2437	-8.91	-18.91	≤ 8	PASS
		2462	-8.25	-18.25	≤ 8	PASS
11G	Ant1	2412	-9.75	-19.75	≤ 8	PASS
		2437	-8.52	-18.52	≤ 8	PASS
		2462	-8.66	-18.66	≤ 8	PASS
11N20SISO	Ant1	2412	-10.84	-20.84	≤ 8	PASS
		2437	-10.07	-20.07	≤ 8	PASS
		2462	-9.88	-19.88	≤ 8	PASS
11N40SISO	Ant1	2422	-14.03	-24.03	≤ 8	PASS
		2437	-13.5	-23.5	≤ 8	PASS
		2452	-12.95	-22.95	≤ 8	PASS

Note:

calculating the RBW=3kHz value:

-9.14 (AV.PSD At RBW=30kHz)-10*log(30/3)=-19.14(AV.PSD At RBW=3kHz)

Test Graphs

11B_Ant1_2412



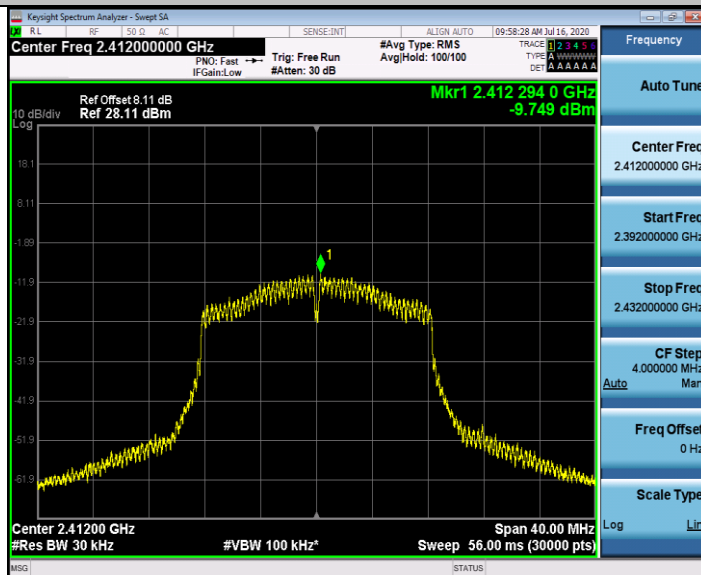
11B_Ant1_2437



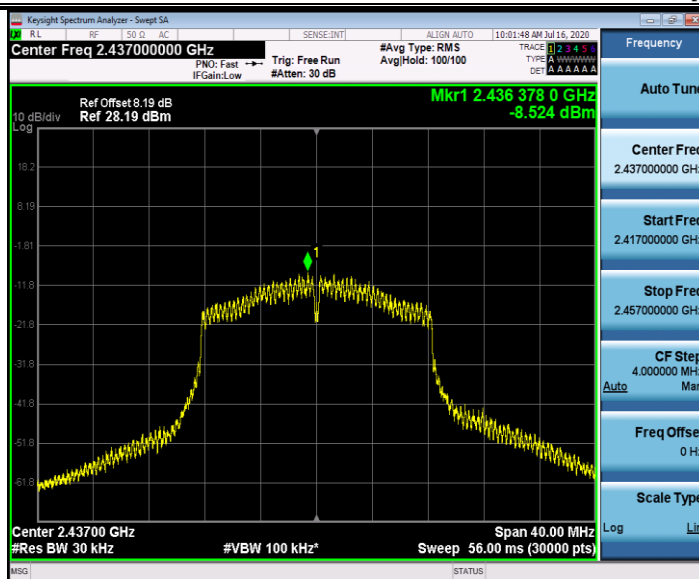
11B_Ant1_2462



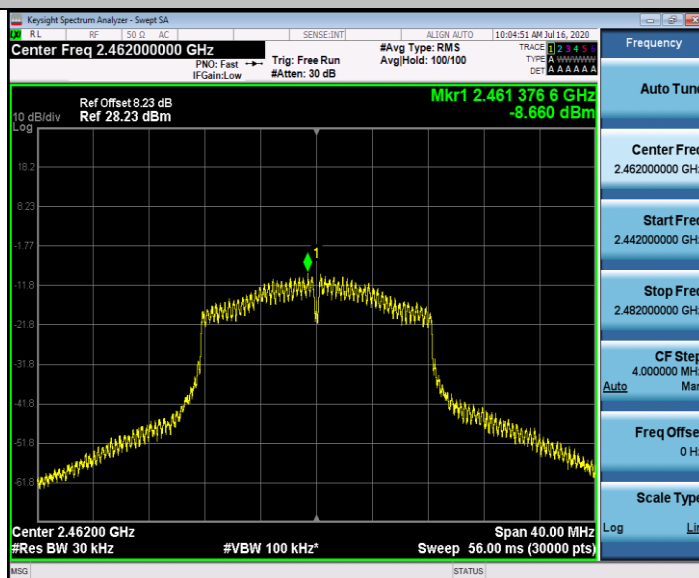
11G_Ant1_2412



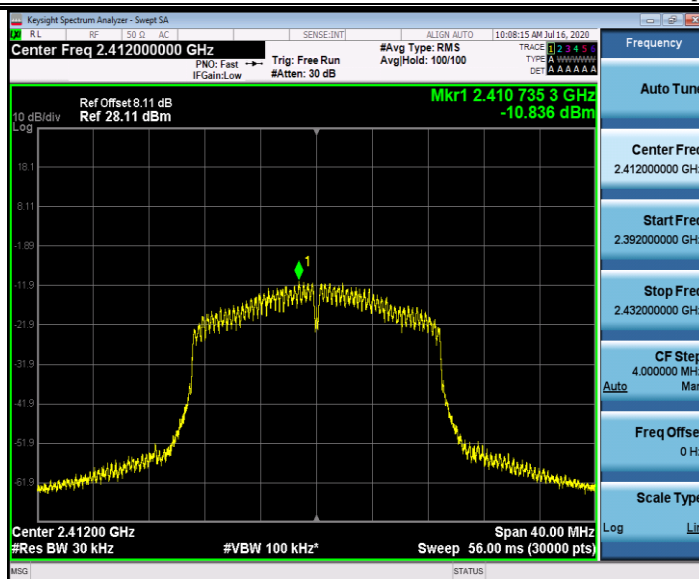
11G_Ant1_2437



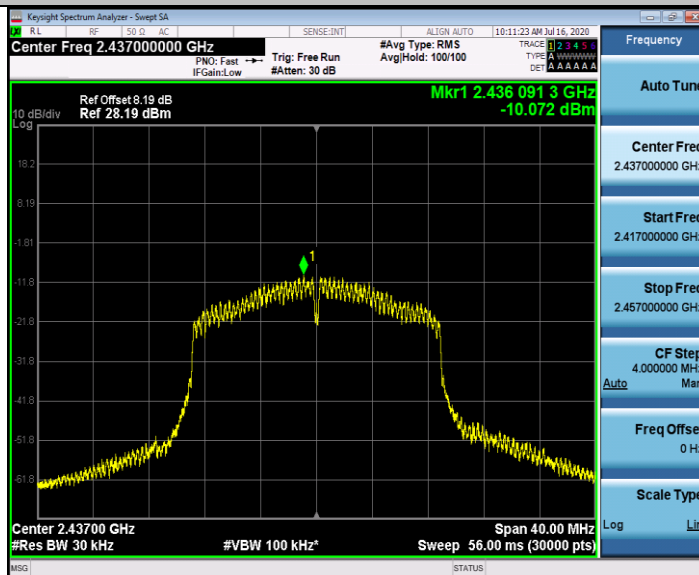
11G_Ant1_2462



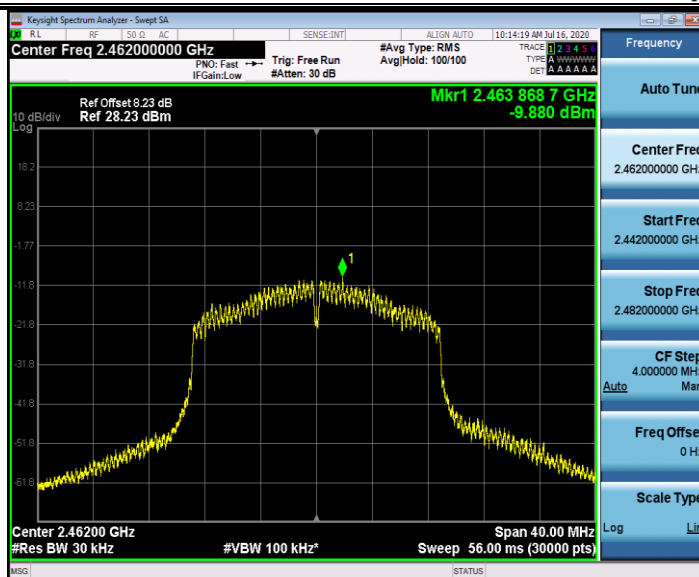
11N20SISO_Ant1_2412



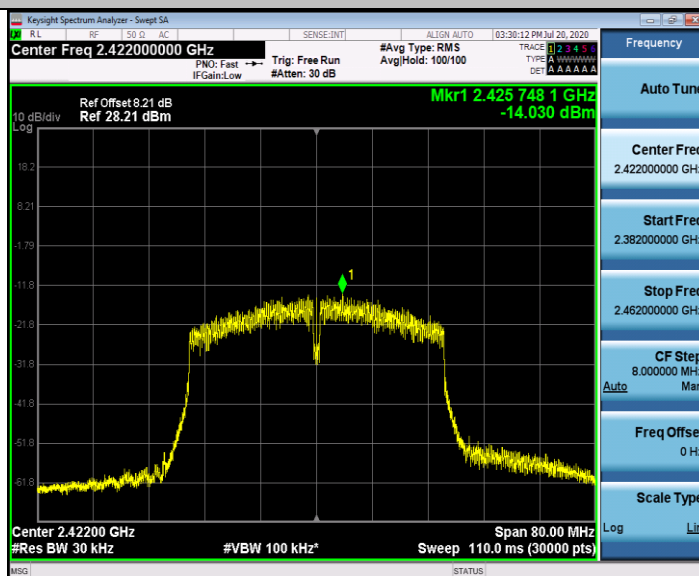
11N20SISO_Ant1_2437



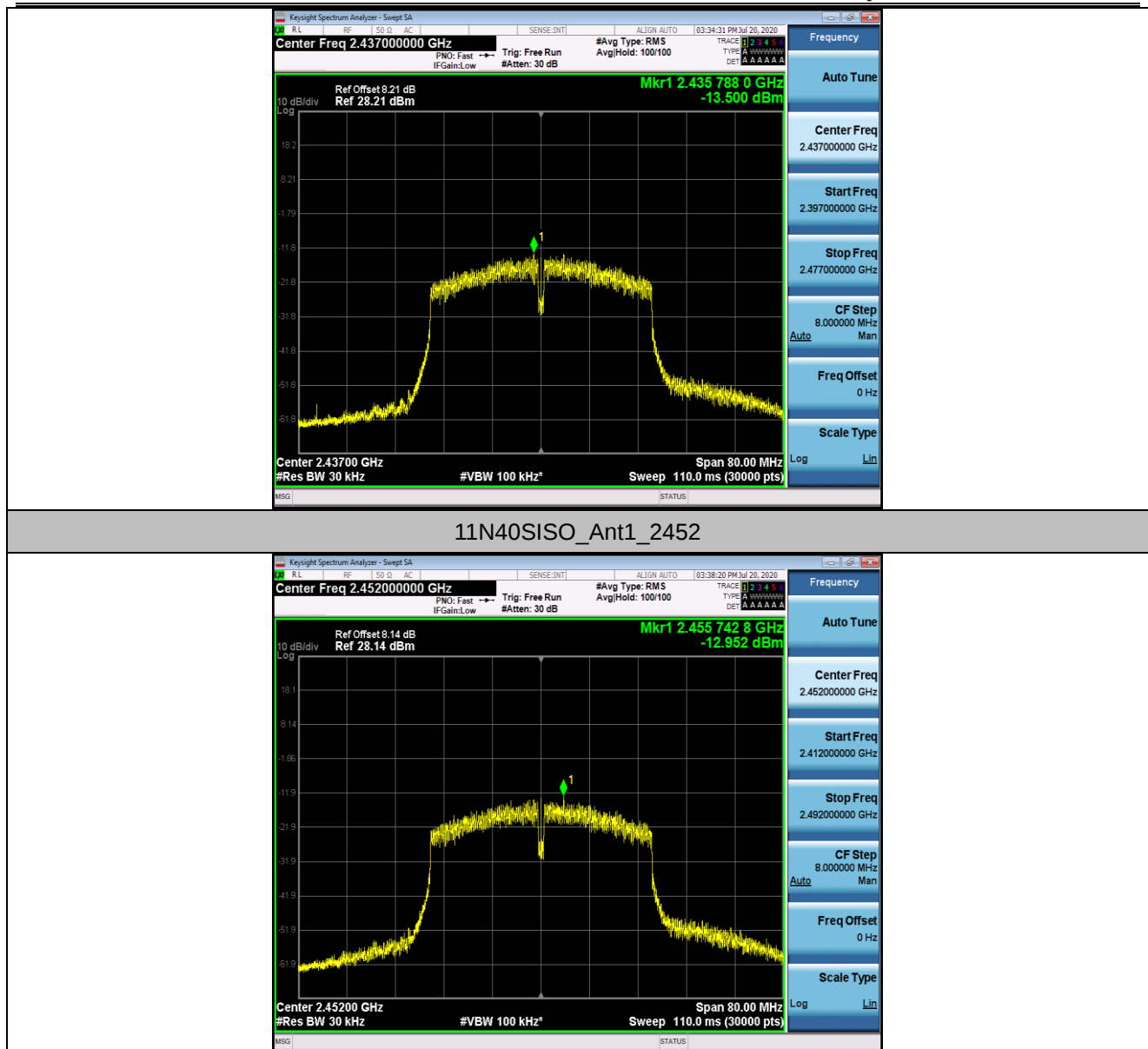
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



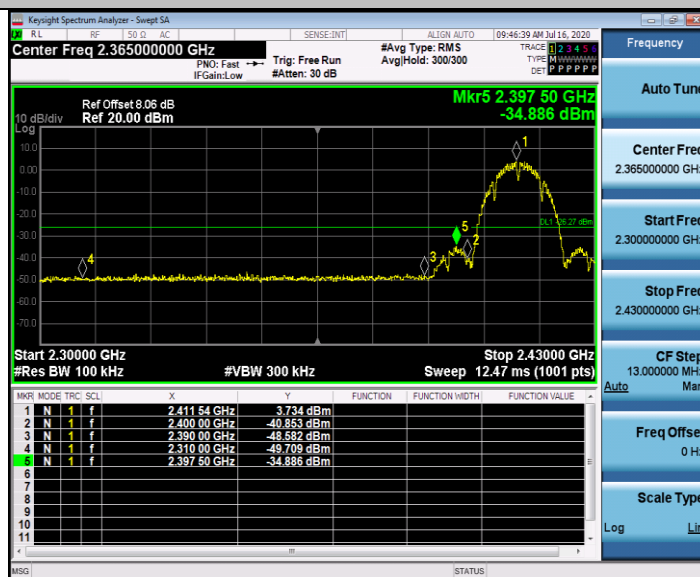
Appendix F: Band edge measurements

Test Result

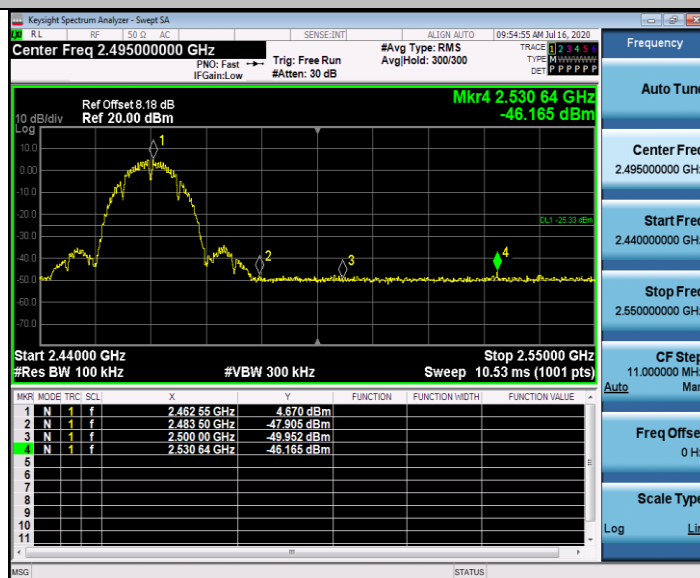
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.73	-34.89	<=-26.27	PASS
		High	2462	4.67	-46.17	<=-25.33	PASS
11G	Ant1	Low	2412	3.70	-38.4	<=-26.31	PASS
		High	2462	3.31	-43.67	<=-26.69	PASS
11N20SISO	Ant1	Low	2412	2.37	-39.82	<=-27.63	PASS
		High	2462	-0.22	-45.98	<=-30.22	PASS
11N40SISO	Ant1	Low	2422	-1.51	-41.05	<=-31.51	PASS
		High	2452	-1.15	-37.1	<=-31.15	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412