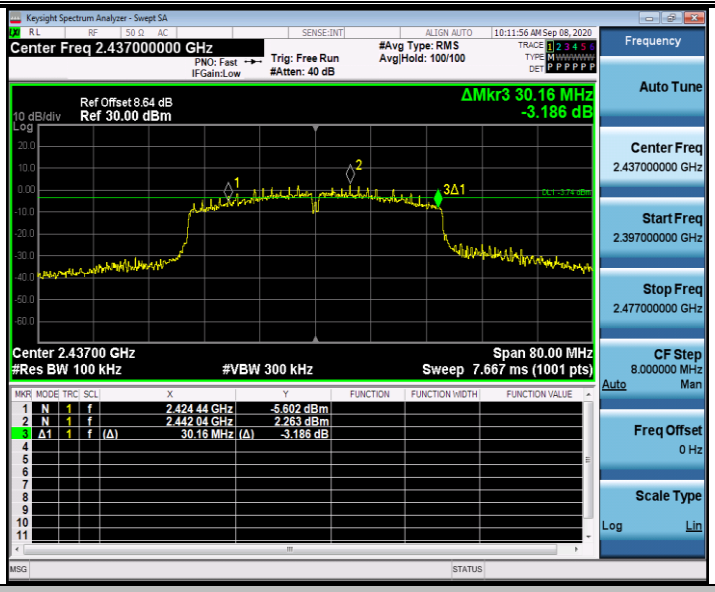
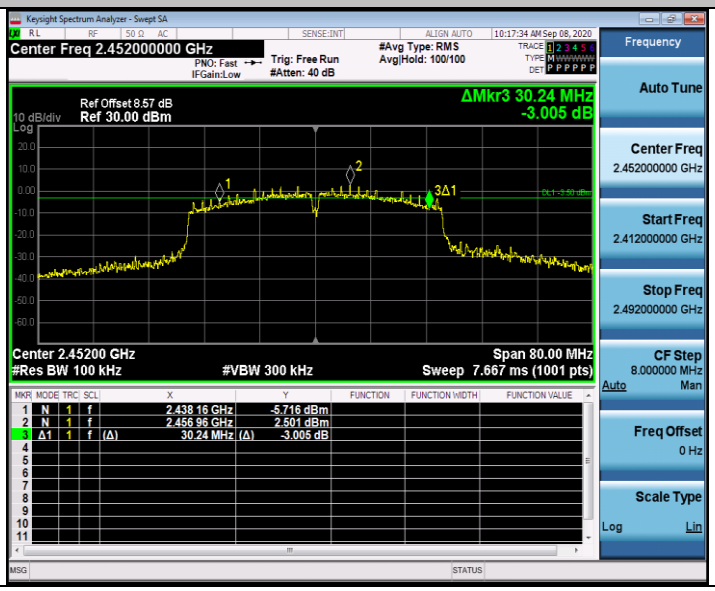


11N40SISO_Ant1_2452



Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.557	2404.875	2419.432	---	PASS
		2437	14.672	2429.860	2444.532	---	PASS
		2462	14.972	2454.644	2469.616	---	PASS
11G	Ant1	2412	16.088	2404.037	2420.125	---	PASS
		2437	16.153	2429.018	2445.171	---	PASS
		2462	16.274	2453.990	2470.264	---	PASS
11N20SISO	Ant1	2412	16.859	2403.617	2420.476	---	PASS
		2437	16.915	2428.616	2445.531	---	PASS
		2462	16.989	2453.616	2470.605	---	PASS
11N40SISO	Ant1	2422	35.524	2404.417	2439.941	---	PASS
		2437	35.667	2419.354	2455.021	---	PASS
		2452	35.596	2434.370	2469.966	---	PASS

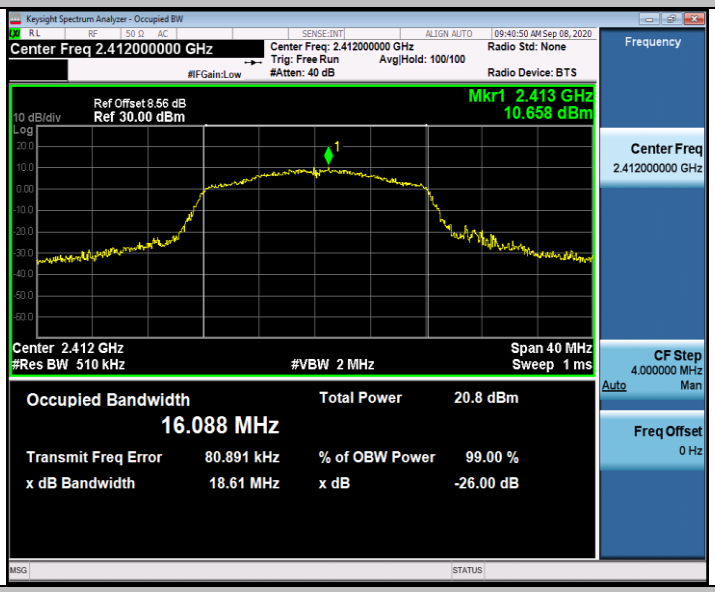
Test Graphs

11B_Ant1_2412

11B_Ant1_2437

11B_Ant1_2462

11G_Ant1_2412

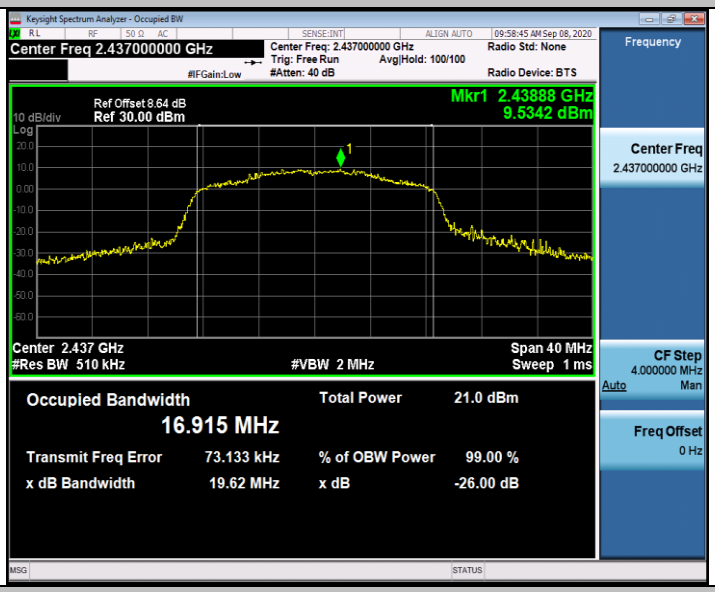


11G_Ant1_2437

11G_Ant1_2462

11N20SISO_Ant1_2412

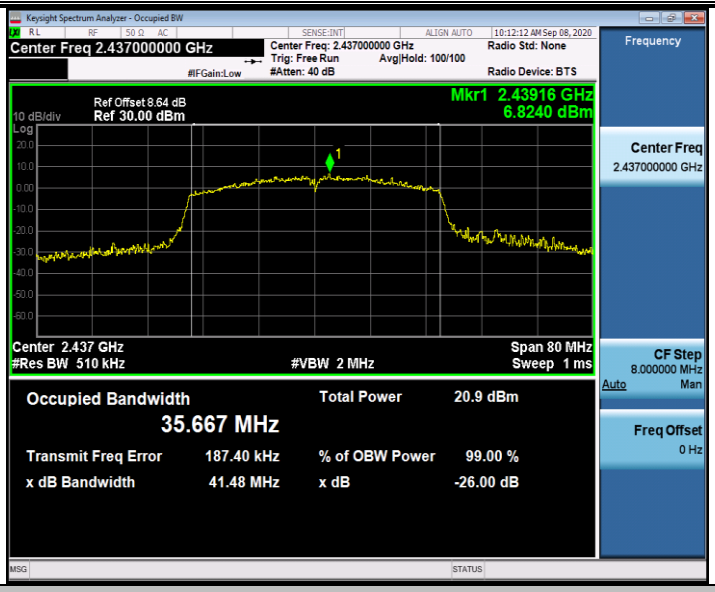
11N20SISO_Ant1_2437



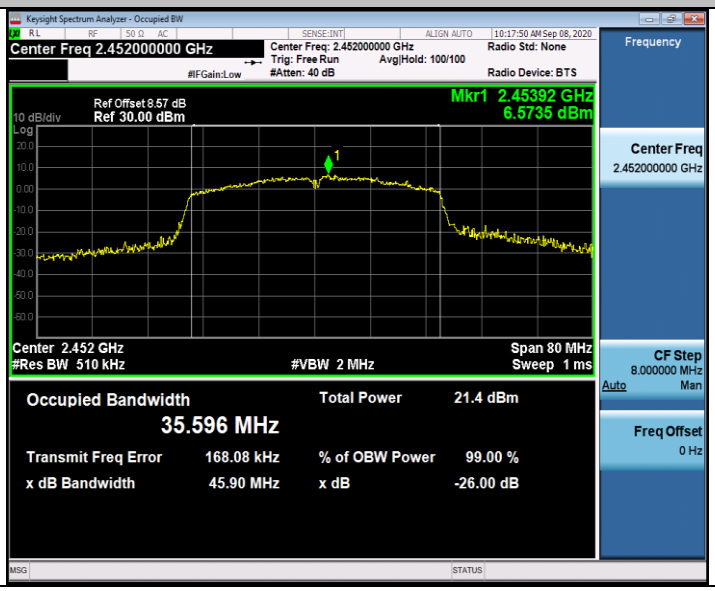
11N20SISO_Ant1_2462

11N40SISO_Ant1_2422

11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



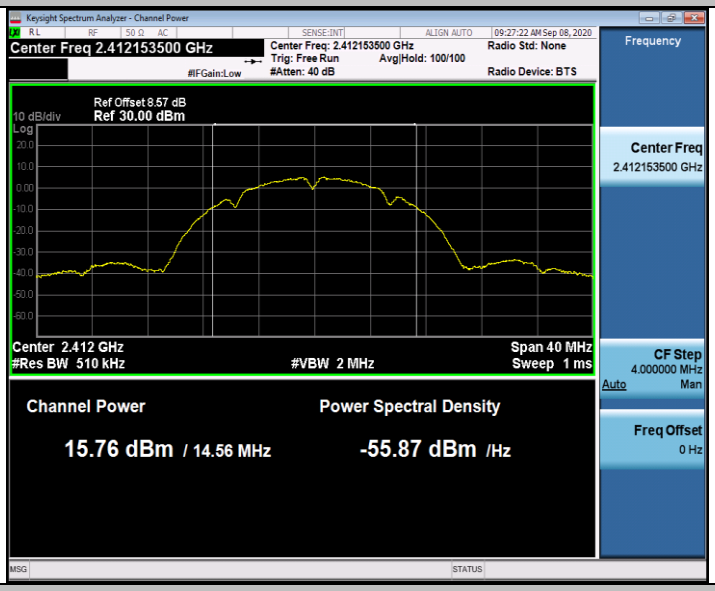
Appendix C: Maximum conducted output power

Test Result

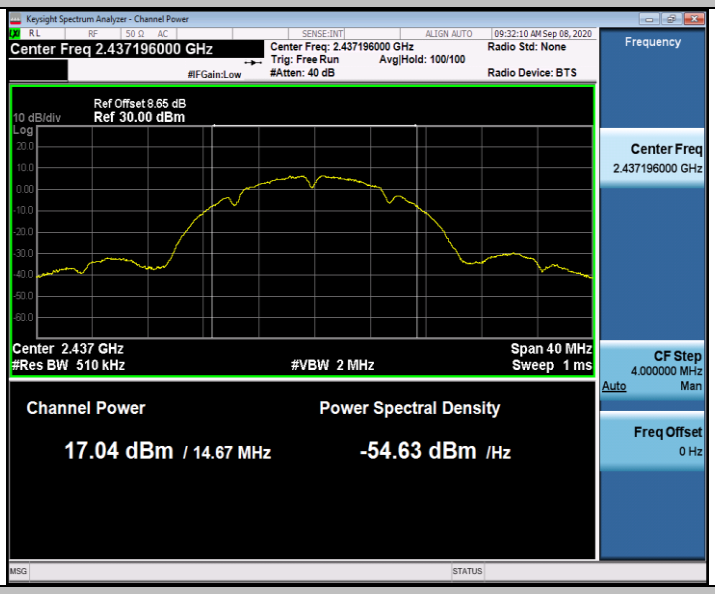
TestMode	Antenna	Channel	Result [dBm]	EIRP [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.76	18.06	<=30	PASS
		2437	17.04	19.34	<=30	PASS
		2462	17.69	19.99	<=30	PASS
11G	Ant1	2412	14.60	16.9	<=30	PASS
		2437	15.95	18.25	<=30	PASS
		2462	16.56	18.86	<=30	PASS
11N20SISO	Ant1	2412	13.46	15.76	<=30	PASS
		2437	14.83	17.13	<=30	PASS
		2462	15.58	17.88	<=30	PASS
11N40SISO	Ant1	2422	13.91	16.21	<=30	PASS
		2437	14.69	16.99	<=30	PASS
		2452	15.19	17.49	<=30	PASS

Test Graphs

11B_Ant1_2412

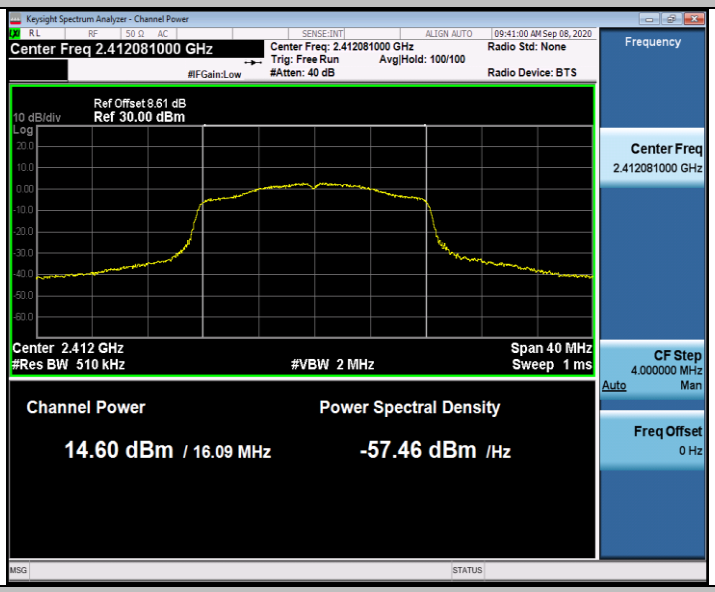


11B_Ant1_2437

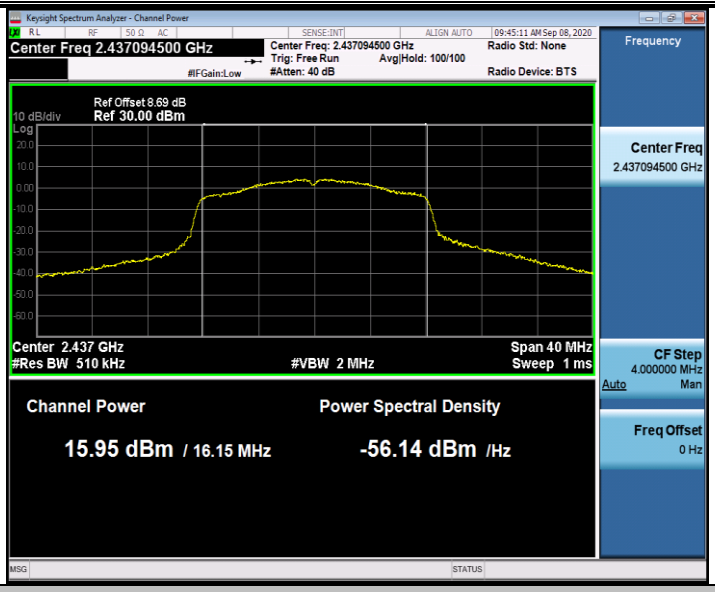


11B_Ant1_2462

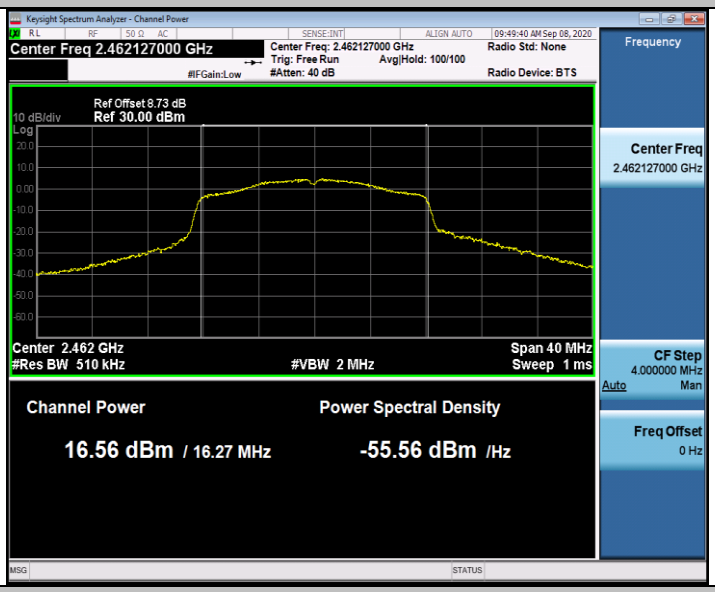
11G_Ant1_2412



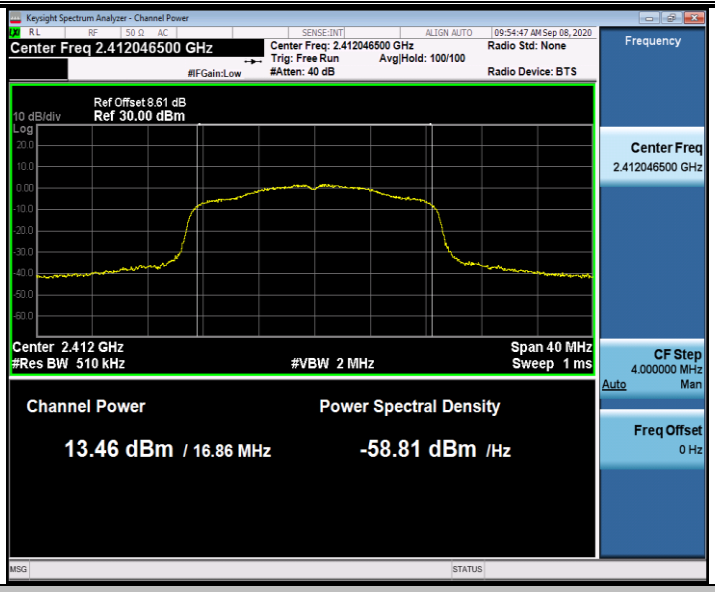
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



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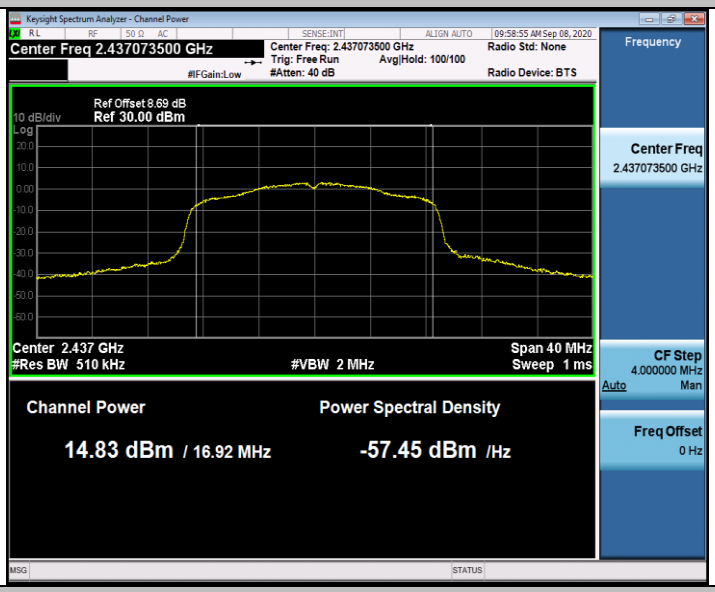
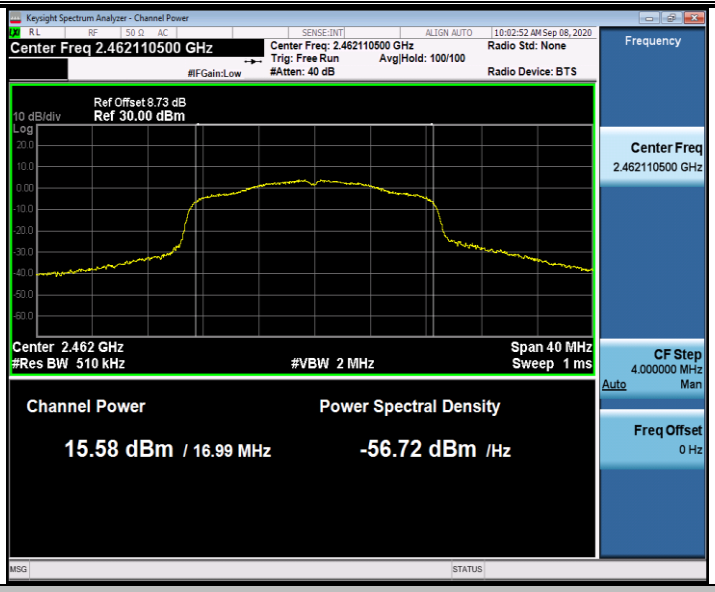
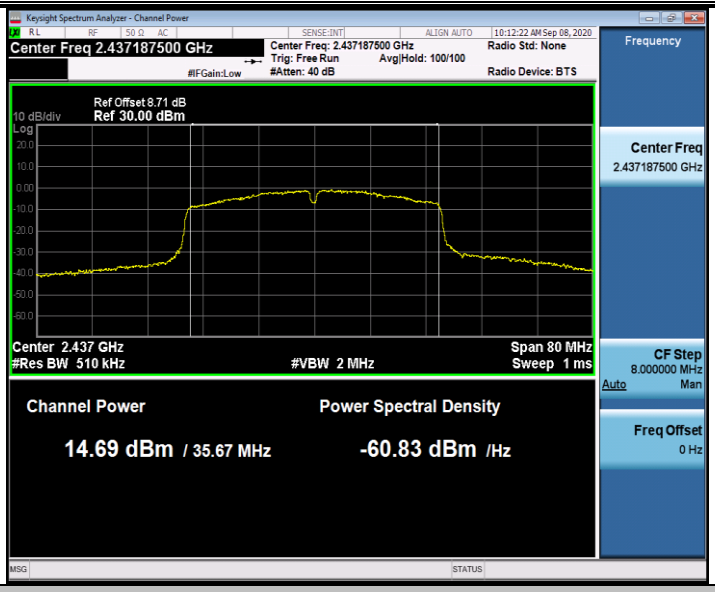


11N20SISO_Ant1_2462

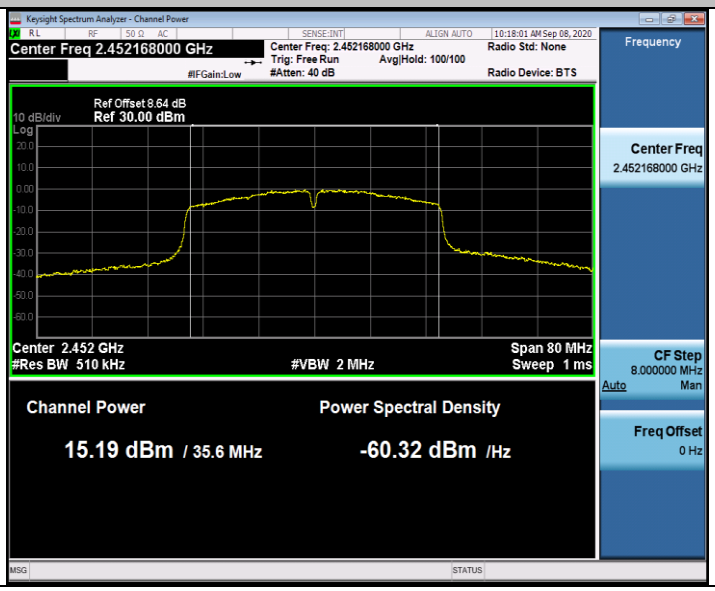


11N40SISO_Ant1_2422

11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



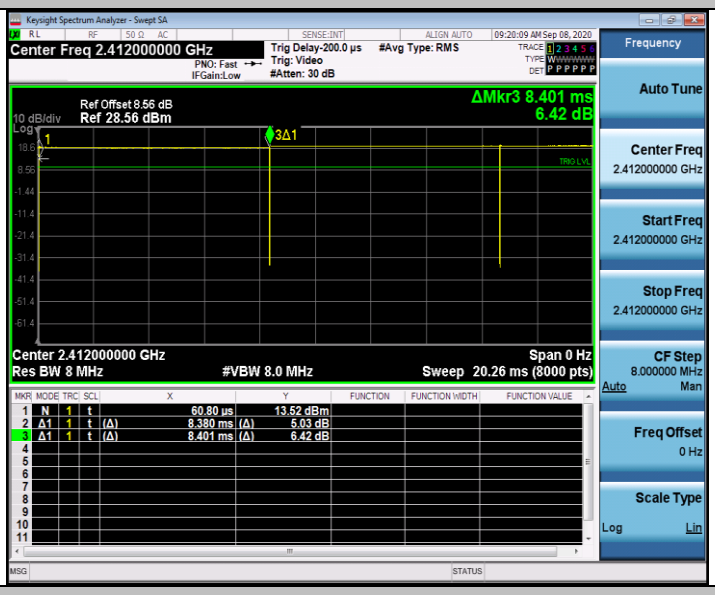
Appendix D: Duty Cycle

Test Result

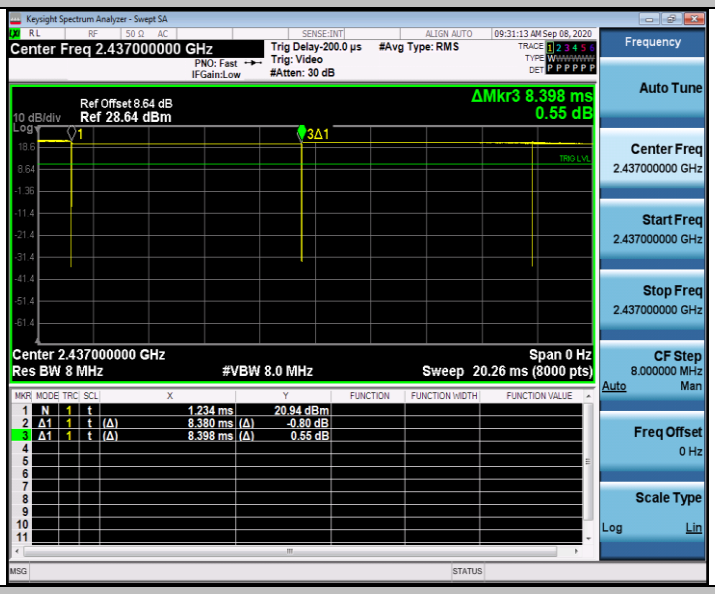
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.38	8.40	99.76
		2437	8.38	8.40	99.79
		2462	8.38	8.40	99.76
11G	Ant1	2412	1.39	1.41	98.83
		2437	1.39	1.40	98.92
		2462	1.39	1.41	98.83
11N20SISO	Ant1	2412	1.30	1.31	98.75
		2437	1.30	1.31	98.75
		2462	1.30	1.31	98.84
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

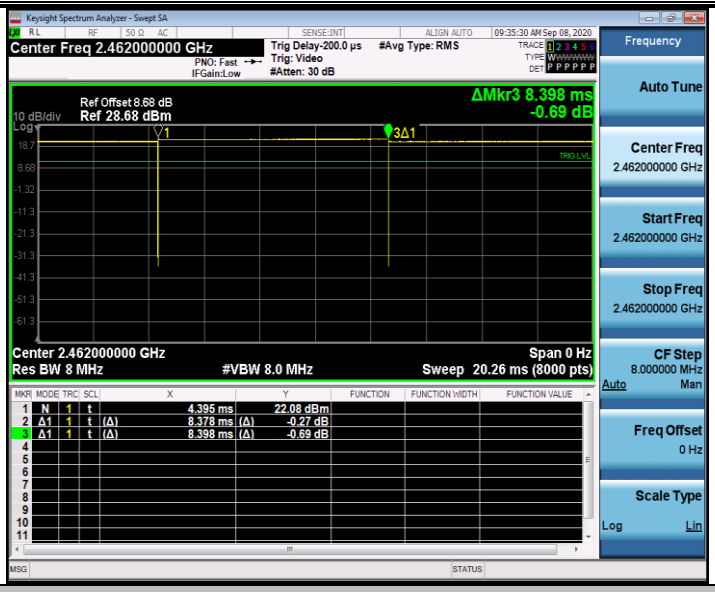
11B_Ant1_2412



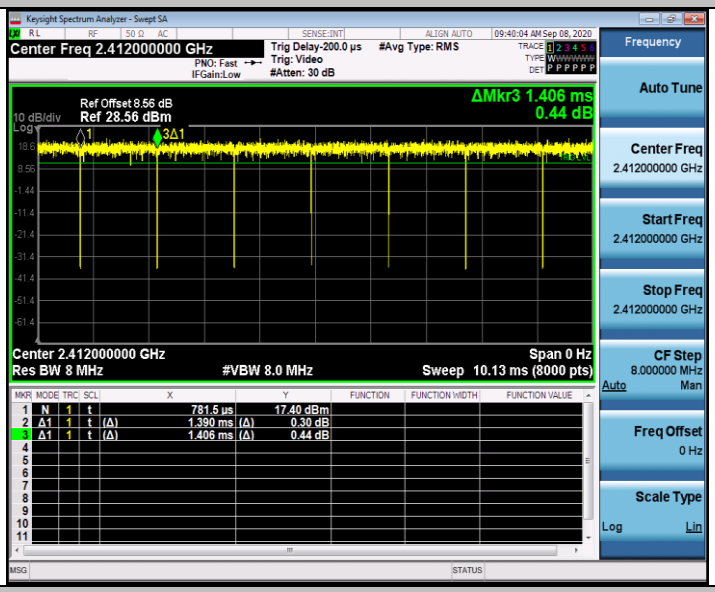
11B_Ant1_2437



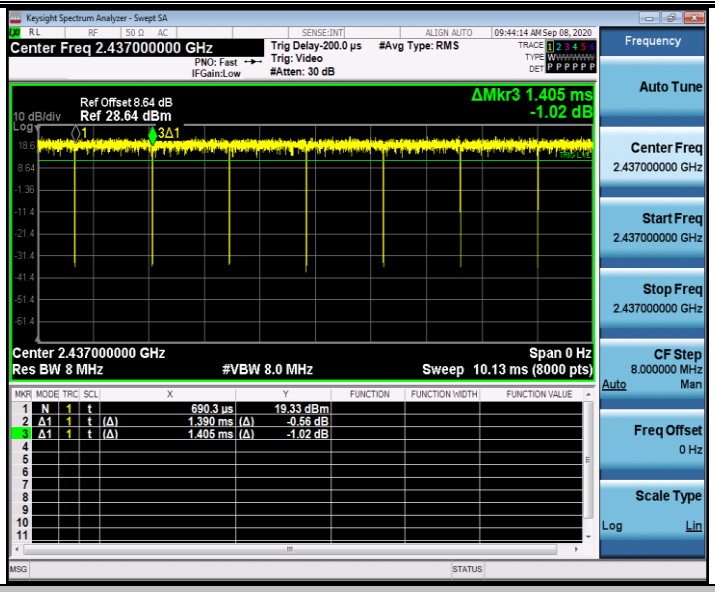
11B_Ant1_2462



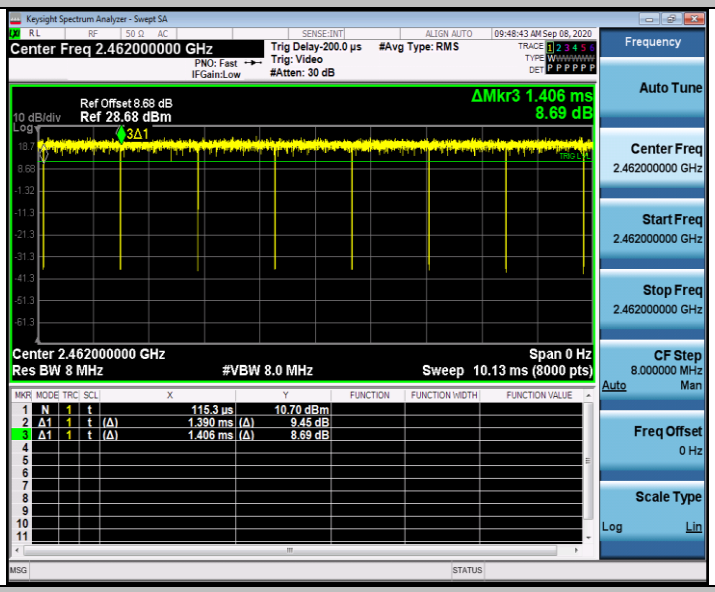
11G_Ant1_2412



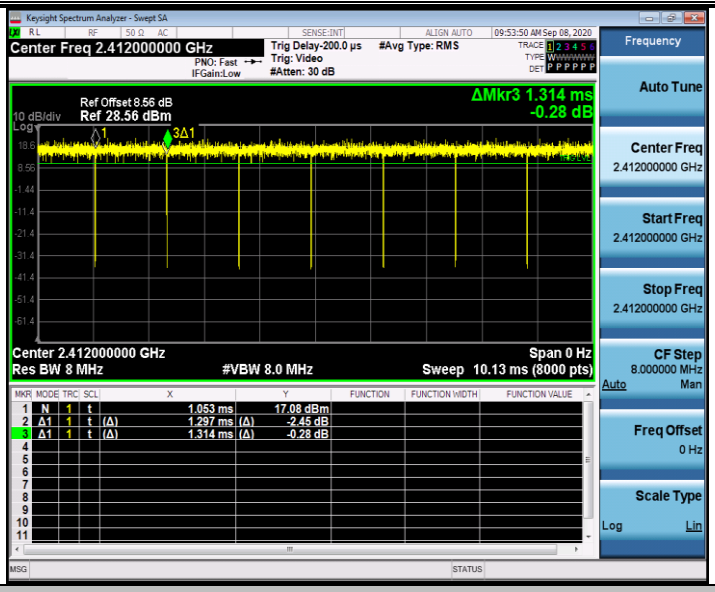
11G_Ant1_2437



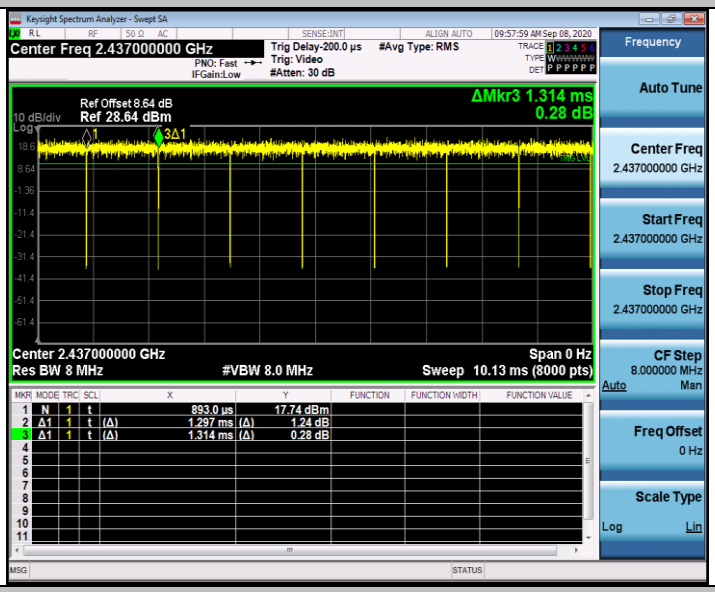
11G_Ant1_2462



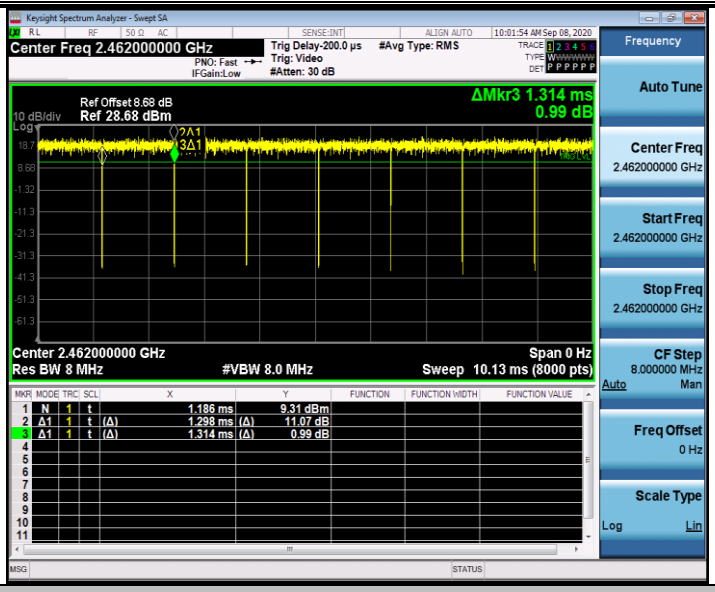
11N20SISO_Ant1_2412



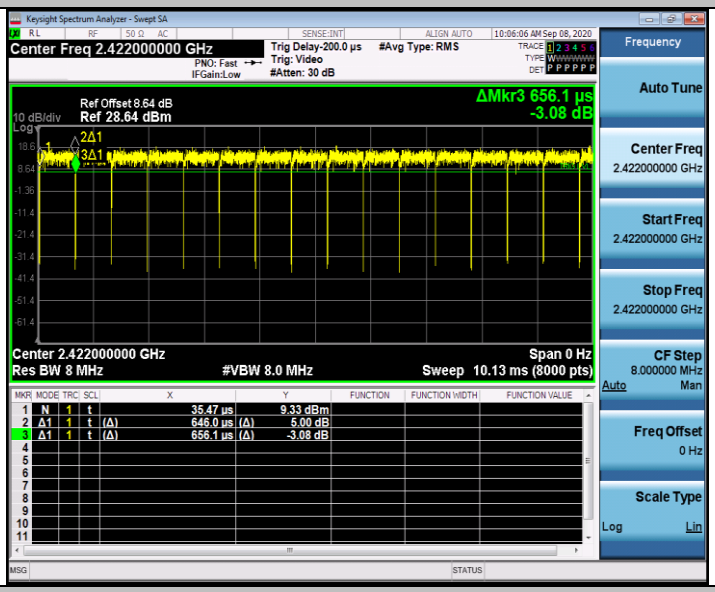
11N20SISO_Ant1_2437



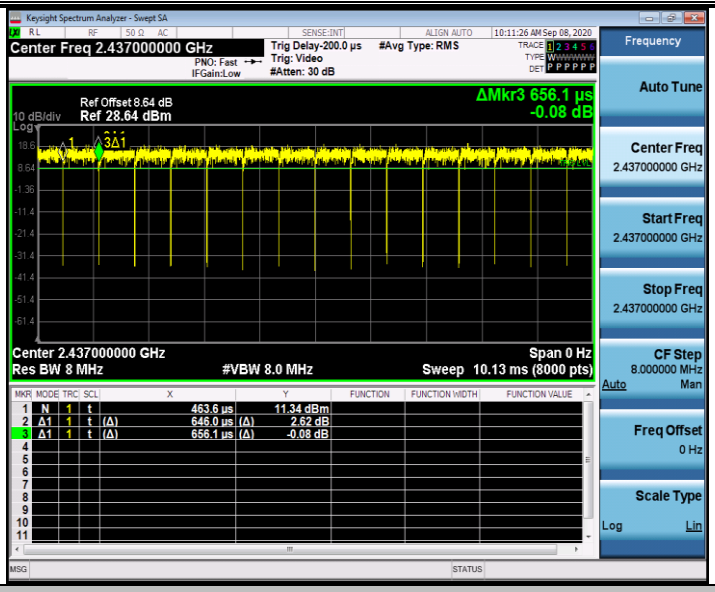
11N20SISO_Ant1_2462



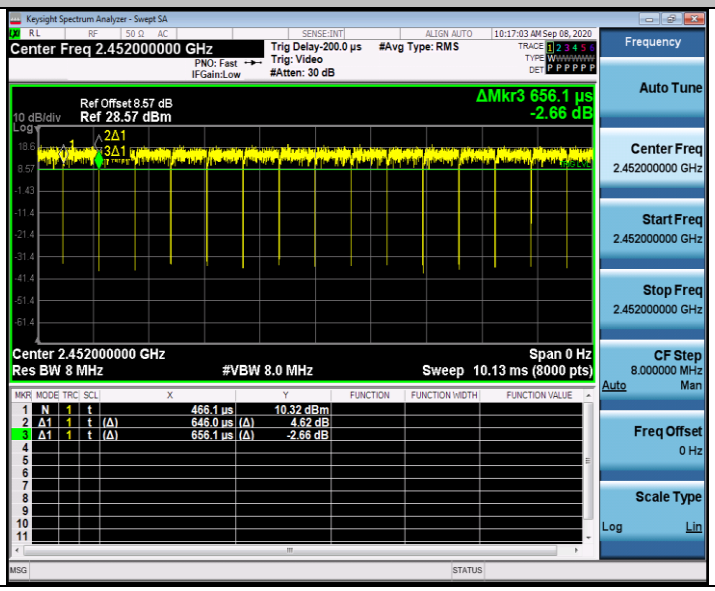
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



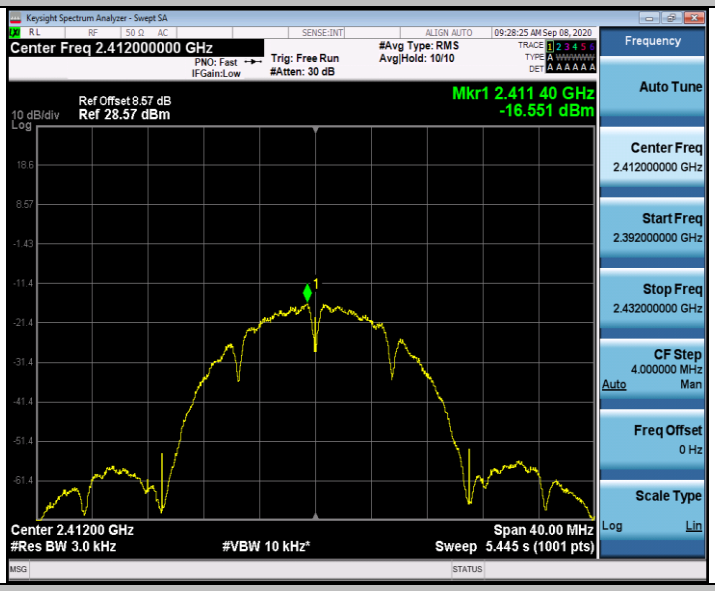
Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-16.55	<=8	PASS
		2437	-15.24	<=8	PASS
		2462	-14.41	<=8	PASS
11G	Ant1	2412	-17.5	<=8	PASS
		2437	-16.24	<=8	PASS
		2462	-15.53	<=8	PASS
11N20SISO	Ant1	2412	-18.76	<=8	PASS
		2437	-17.55	<=8	PASS
		2462	-16.61	<=8	PASS
11N40SISO	Ant1	2422	-21.43	<=8	PASS
		2437	-20.67	<=8	PASS
		2452	-20.77	<=8	PASS

Test Graphs

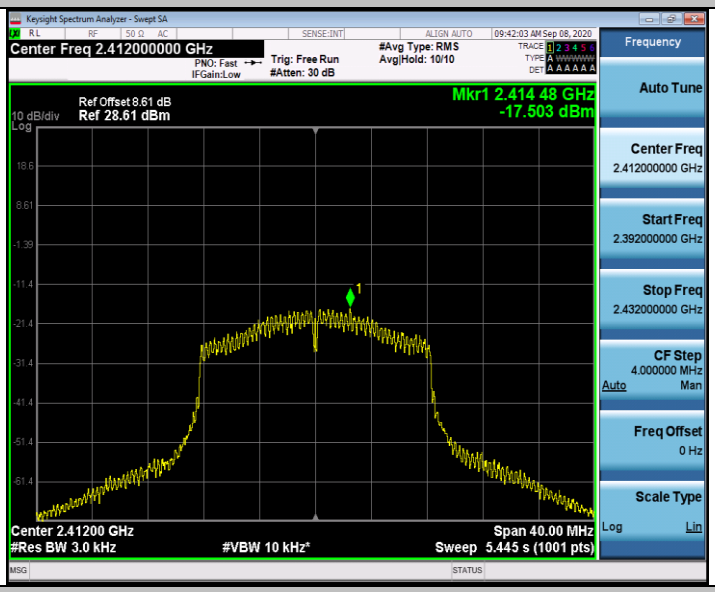
11B_Ant1_2412



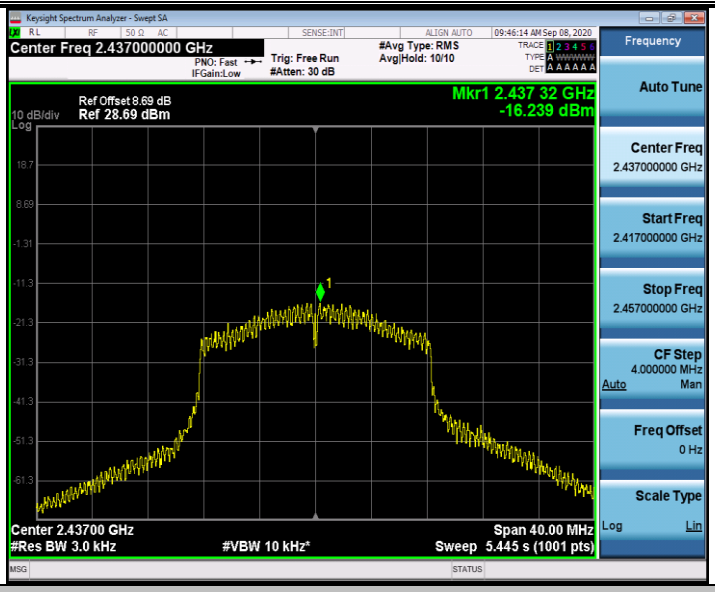
11B_Ant1_2437

11B_Ant1_2462

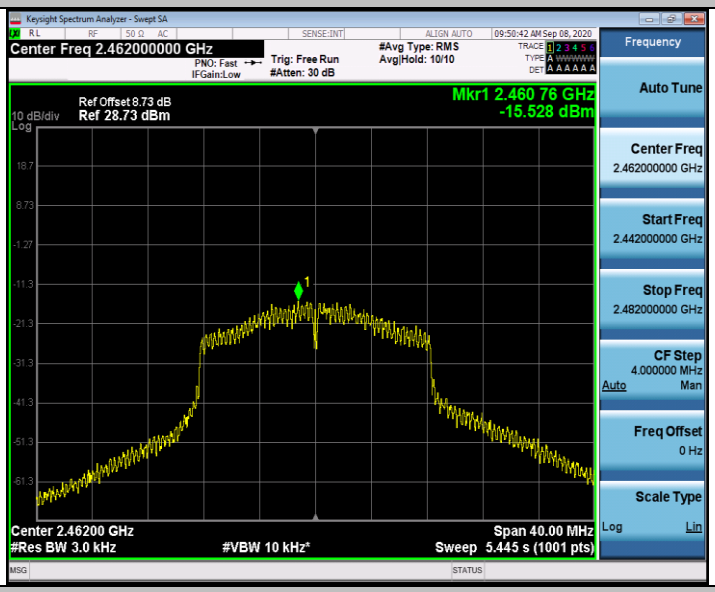
11G_Ant1_2412



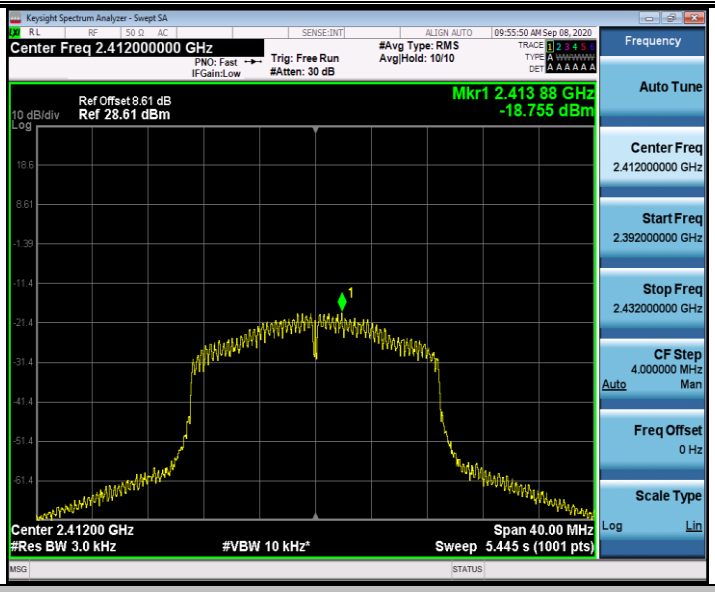
11G_Ant1_2437



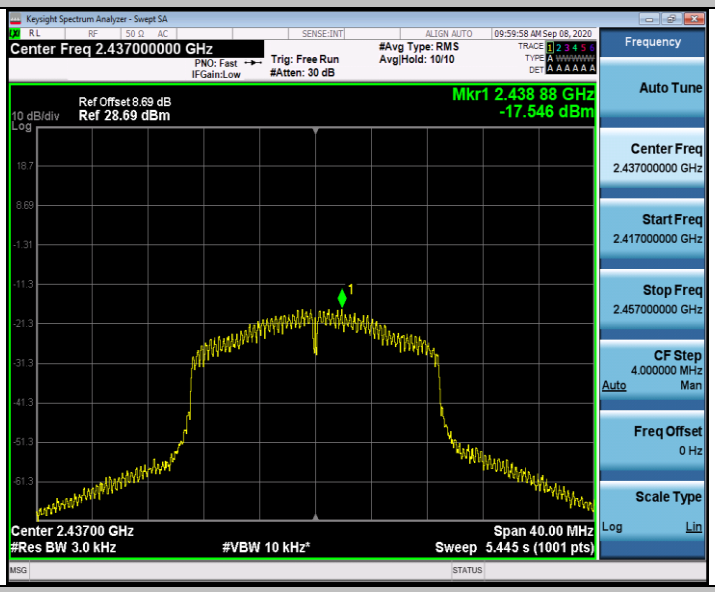
11G_Ant1_2462



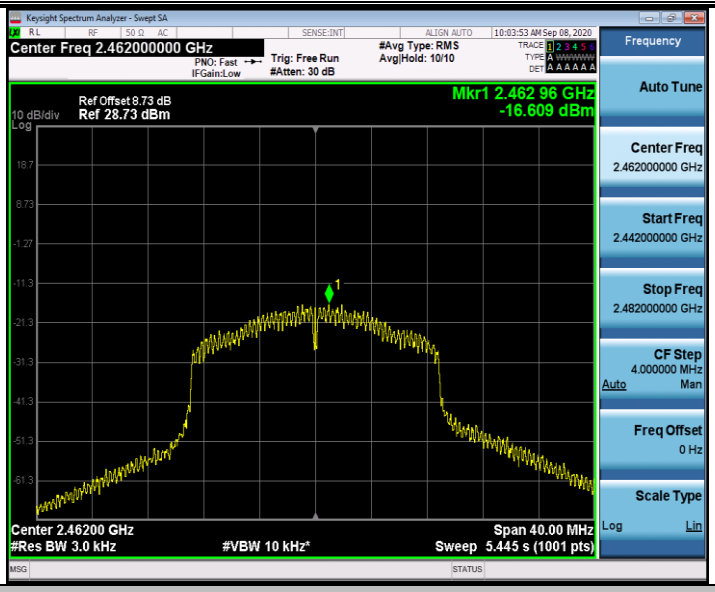
11N20SISO_Ant1_2412



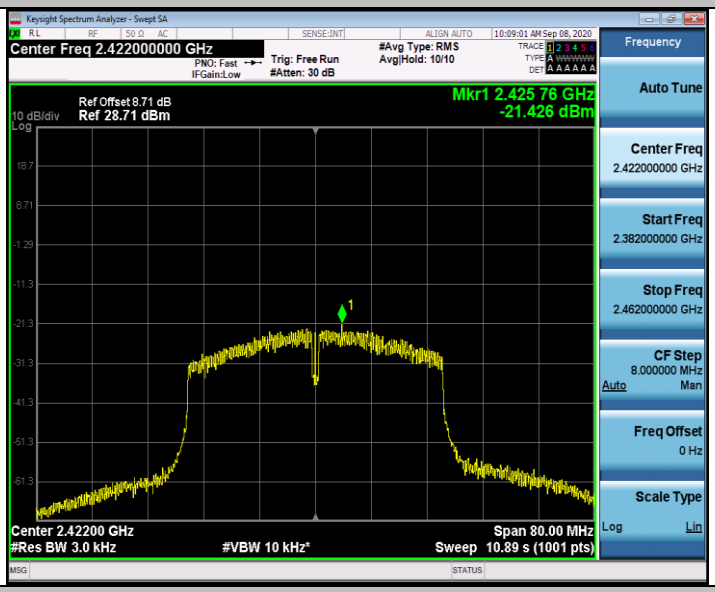
11N20SISO_Ant1_2437



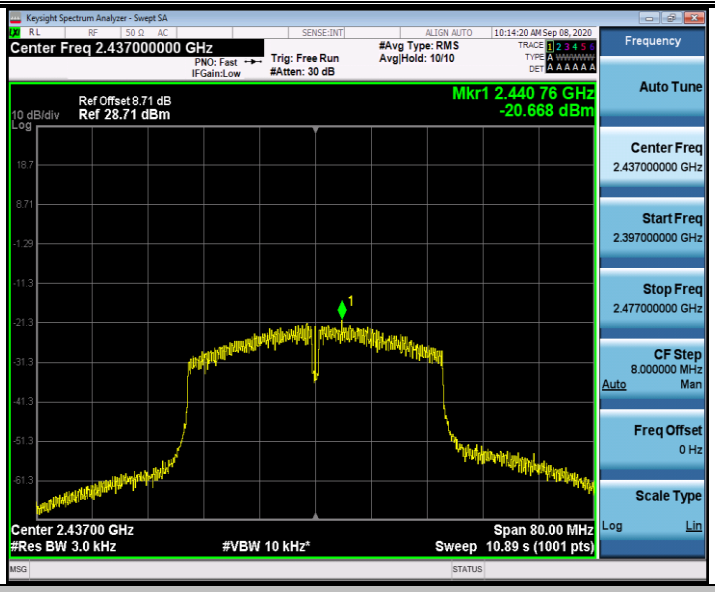
11N20SISO_Ant1_2462



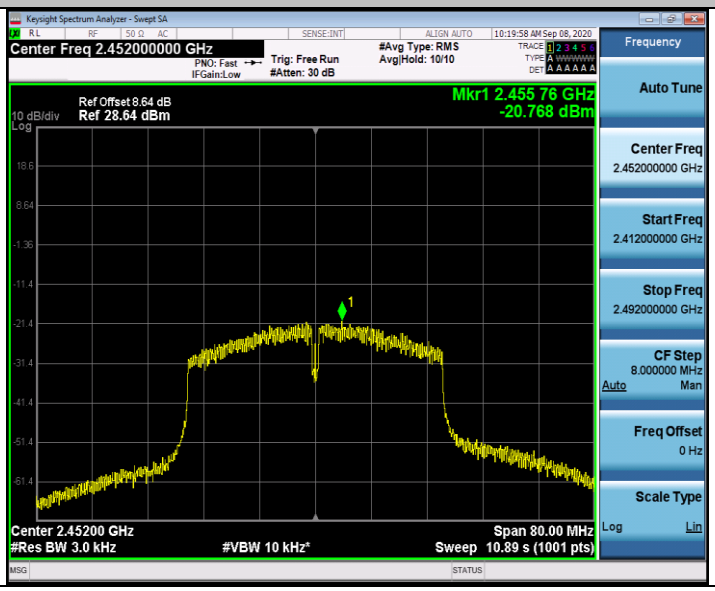
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



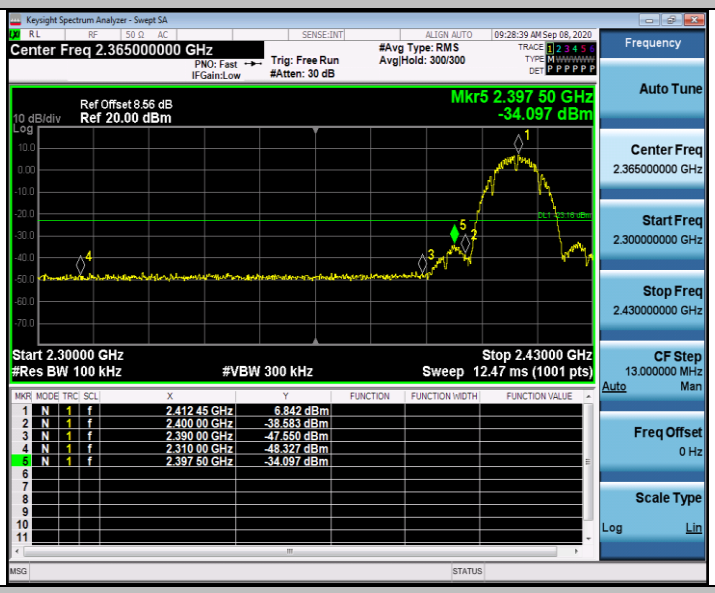
Appendix F: Band edge measurements

Test Result

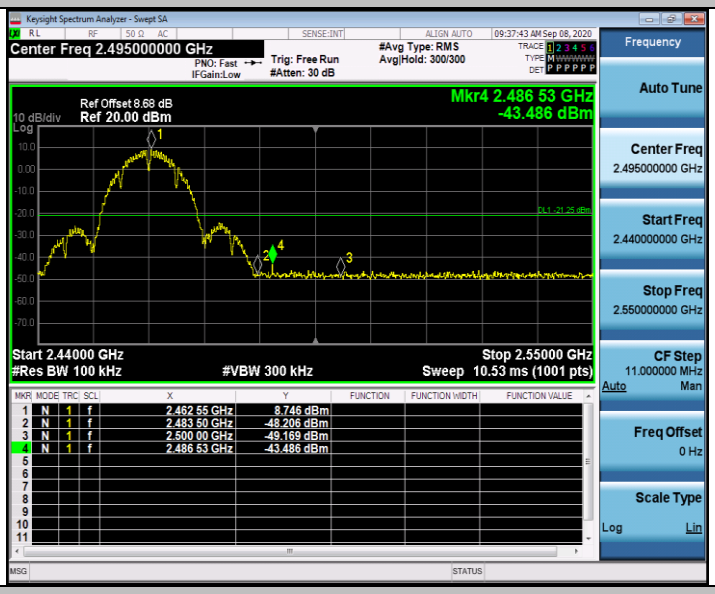
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.84	-34.1	<=-23.16	PASS
		High	2462	8.75	-43.49	<=-21.25	PASS
11G	Ant1	Low	2412	5.04	-33.44	<=-24.96	PASS
		High	2462	7.78	-36.26	<=-22.23	PASS
11N20SISO	Ant1	Low	2412	4.85	-35.33	<=-25.15	PASS
		High	2462	6.95	-37.6	<=-23.05	PASS
11N40SISO	Ant1	Low	2422	1.51	-32.17	<=-28.49	PASS
		High	2452	2.68	-29.71	<=-27.33	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412