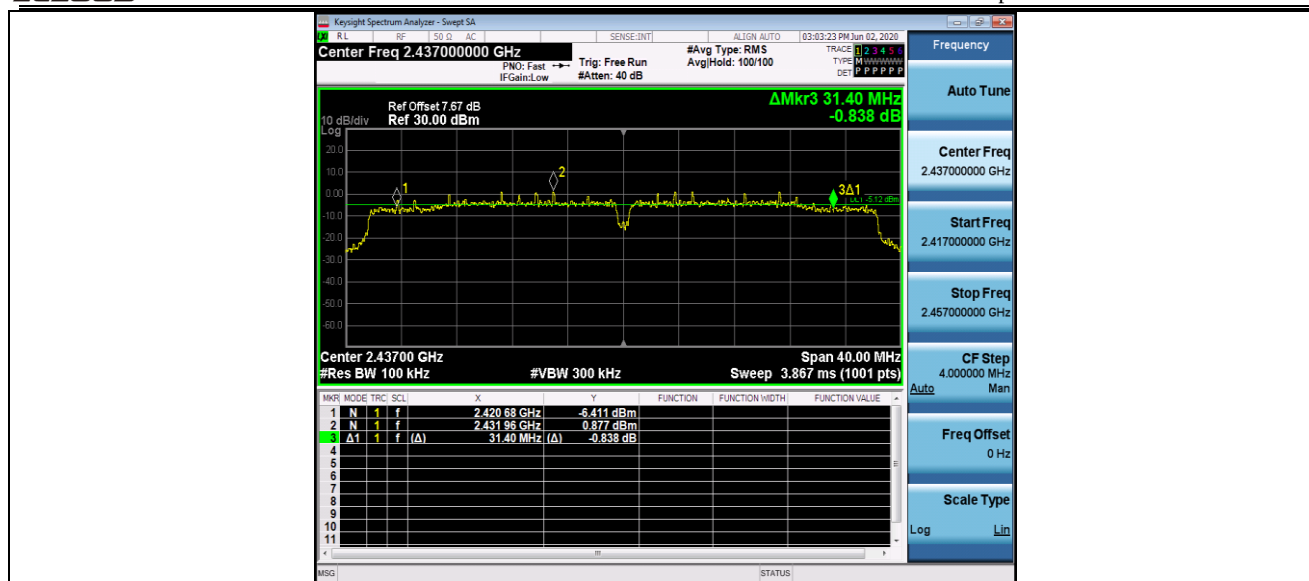
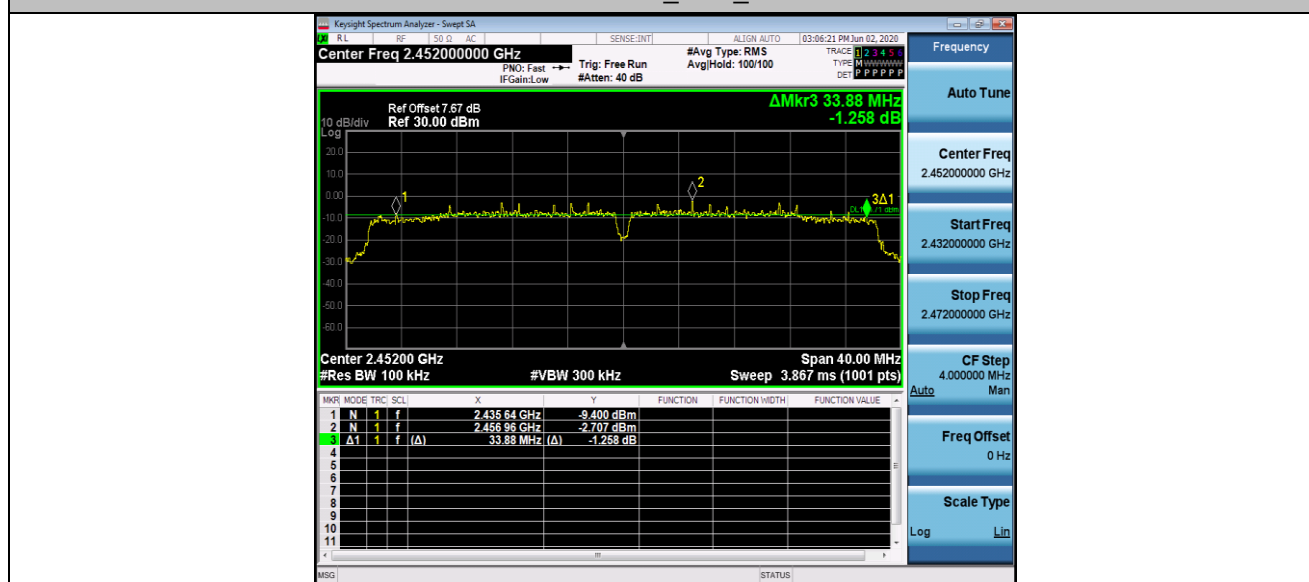




11N40SISO_Ant1_2452



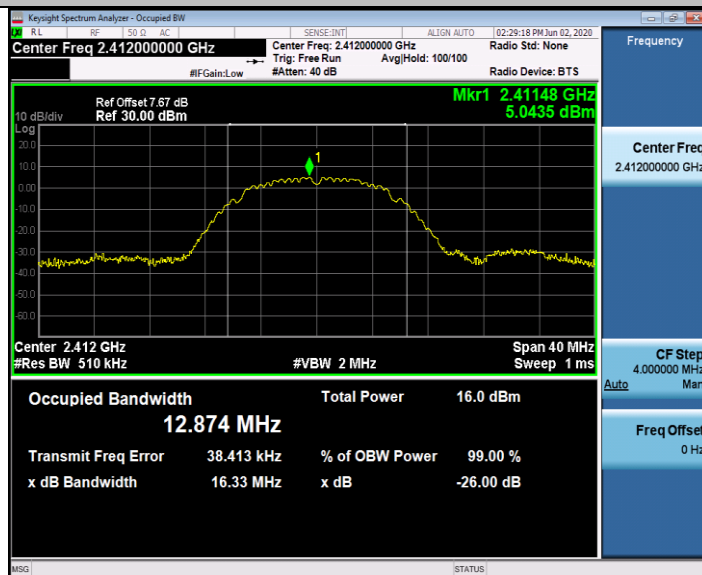
Appendix B: Occupied Channel Bandwidth

Test Result

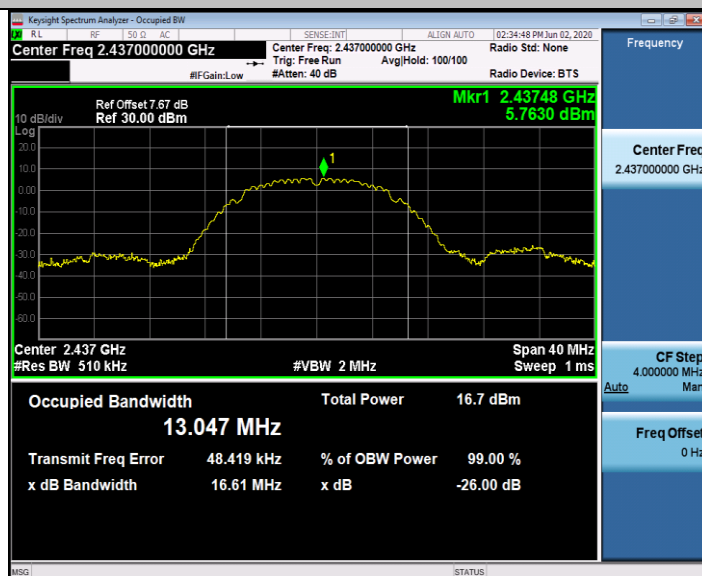
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.874	2405.601	2418.475	---	PASS
		2437	13.047	2430.525	2443.572	---	PASS
		2462	12.949	2455.558	2468.507	---	PASS
11G	Ant1	2412	16.965	2403.585	2420.550	---	PASS
		2437	17.073	2428.467	2445.540	---	PASS
		2462	17.007	2453.488	2470.495	---	PASS
11N20SISO	Ant1	2412	18.123	2402.971	2421.094	---	PASS
		2437	18.236	2427.929	2446.165	---	PASS
		2462	18.158	2452.936	2471.094	---	PASS
11N40SISO	Ant1	2422	36.034	2404.005	2440.039	---	PASS
		2437	36.047	2419.019	2455.066	---	PASS
		2452	36.093	2433.963	2470.056	---	PASS

Test Graphs

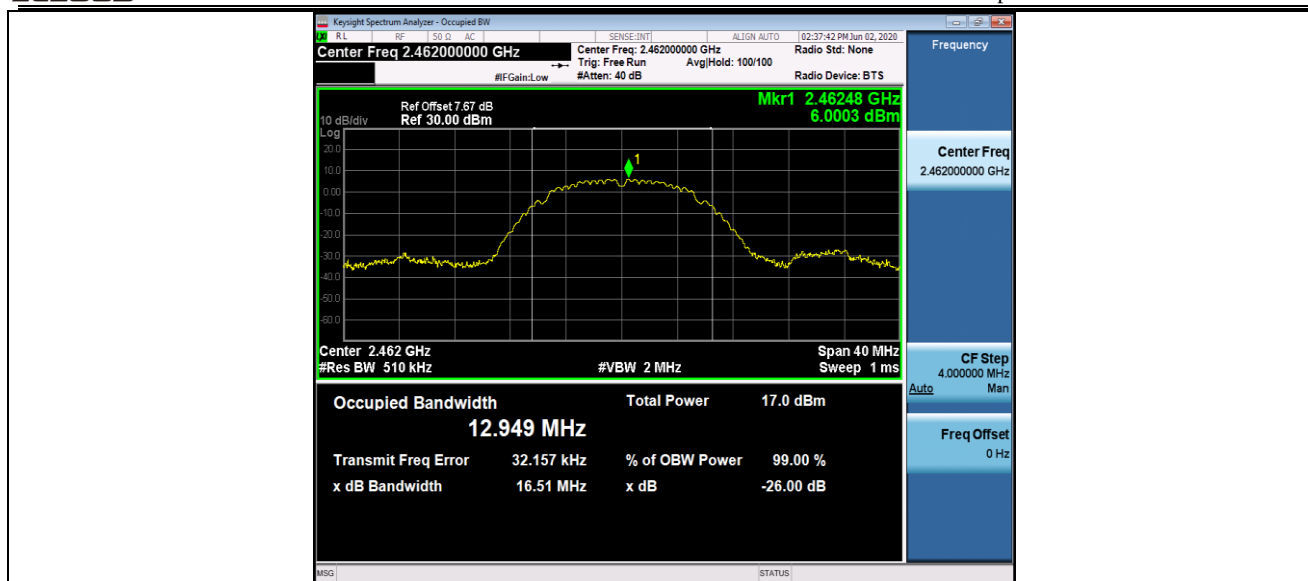
11B_Ant1_2412



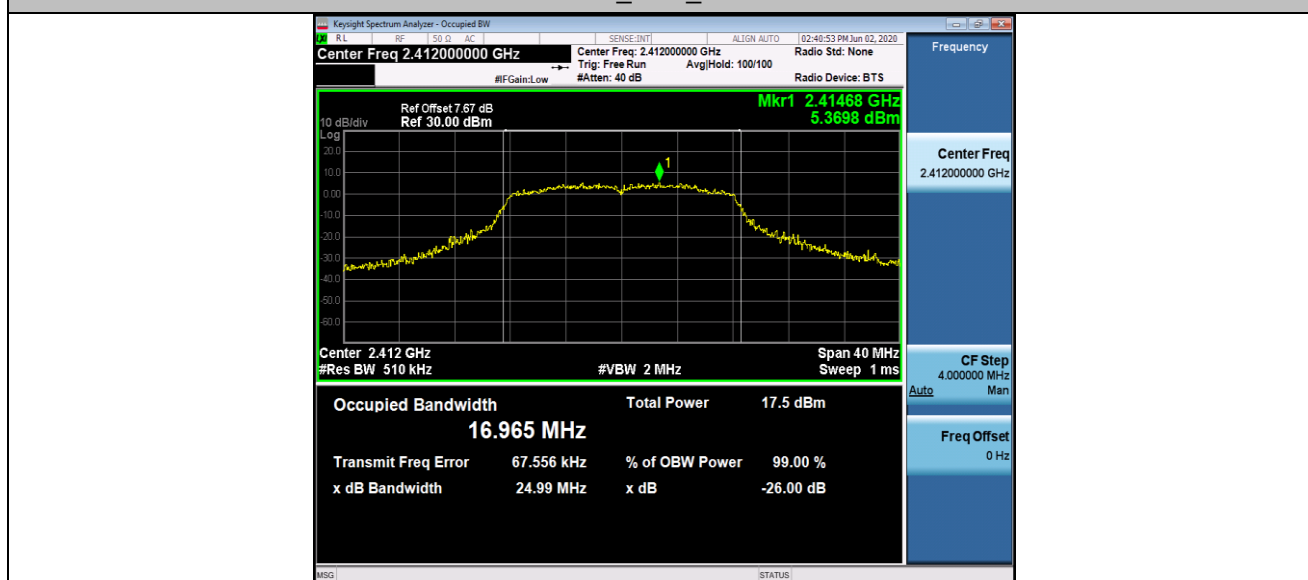
11B_Ant1_2437



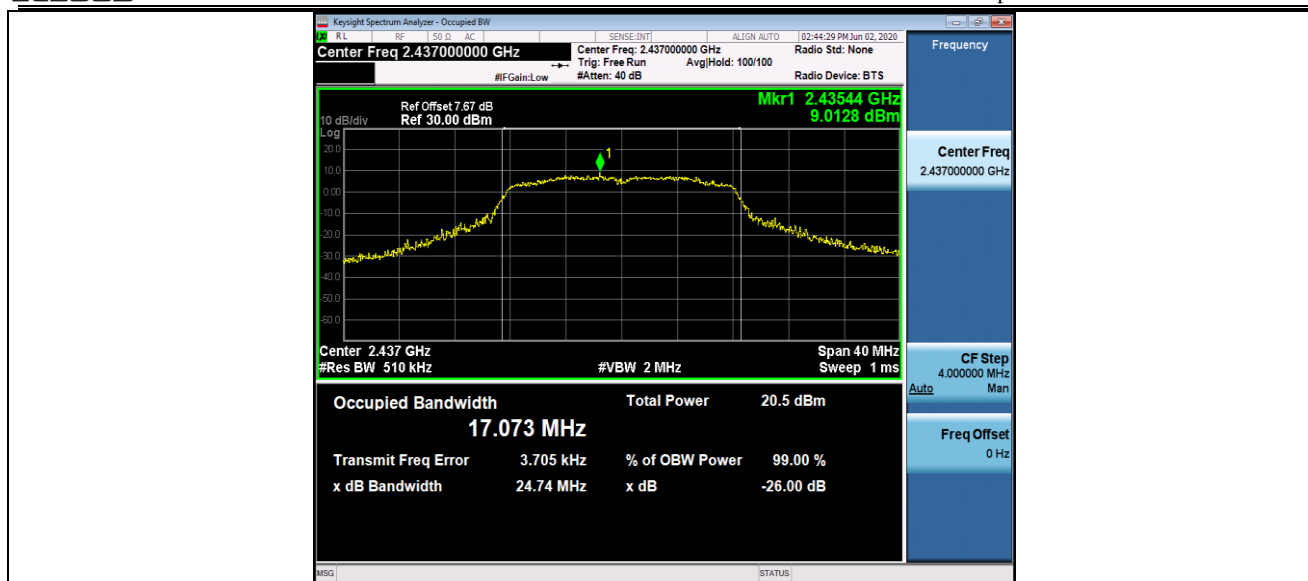
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



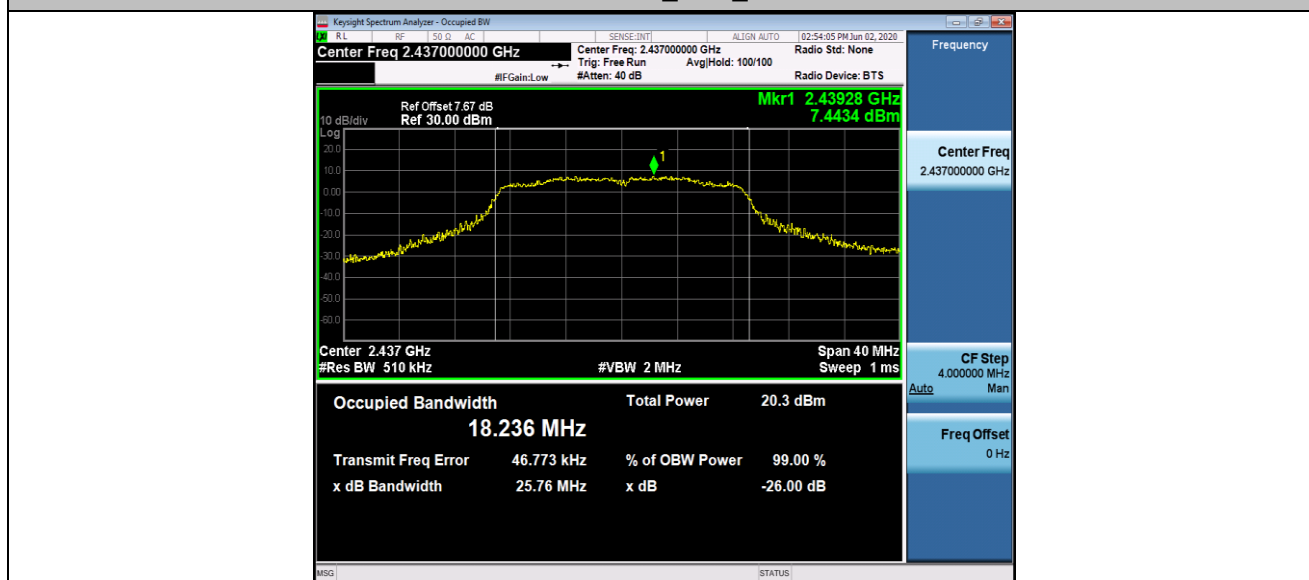
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



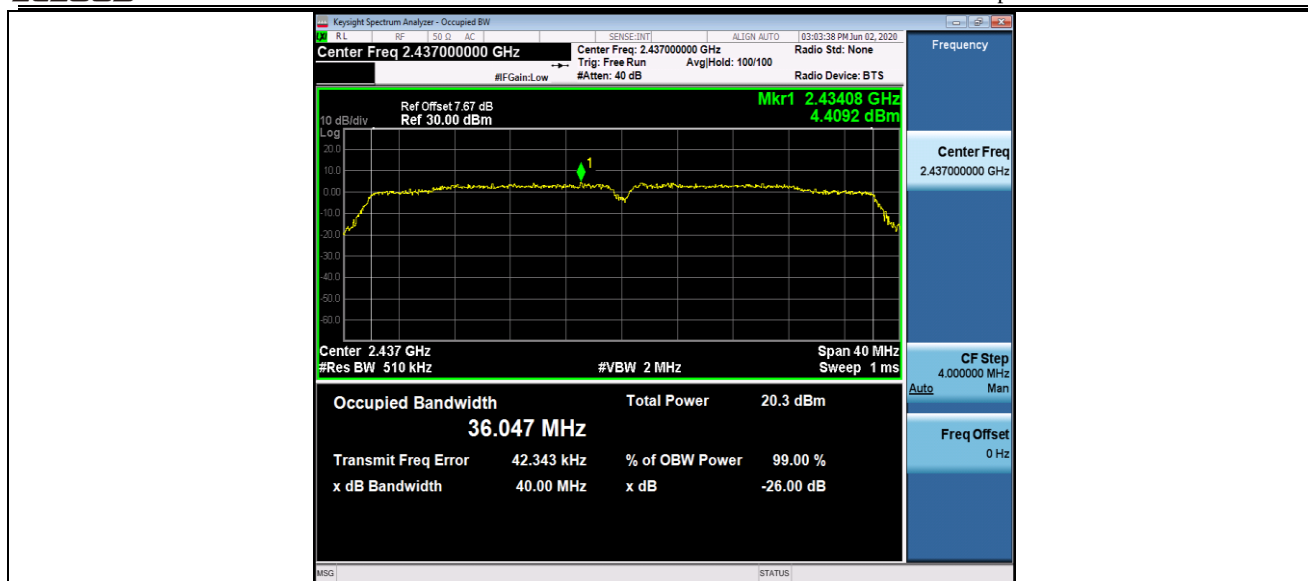
11N20SISO_Ant1_2462



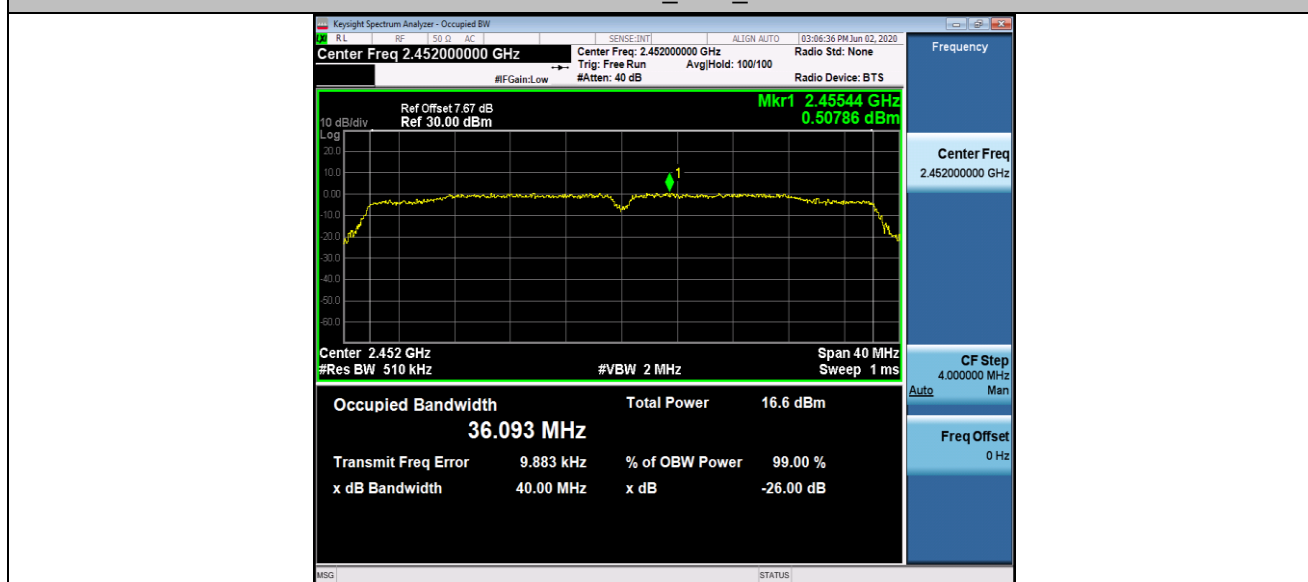
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



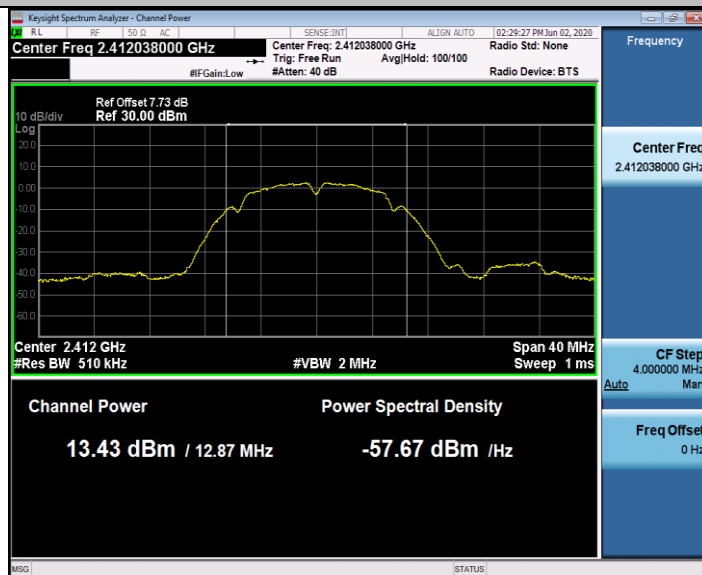
Appendix C: Maximum conducted output power

Test Result

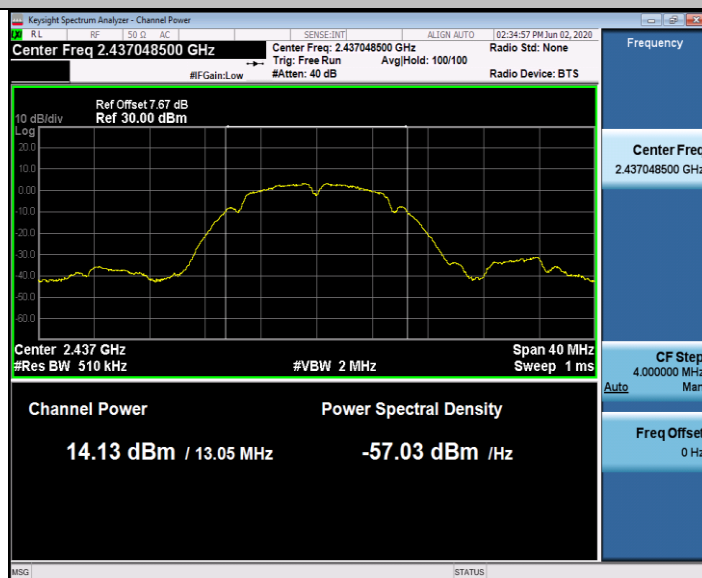
TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	98.64	0.06	13.43	<=30	PASS
		2437	100	0.00	14.13	<=30	PASS
		2462	98.64	0.06	14.48	<=30	PASS
11G	Ant1	2412	98.54	0.06	11.31	<=30	PASS
		2437	98.6	0.06	14.32	<=30	PASS
		2462	98.6	0.06	10.68	<=30	PASS
11N20SISO	Ant1	2412	98.43	0.07	11.05	<=30	PASS
		2437	98.49	0.07	14.16	<=30	PASS
		2462	98.43	0.07	10.96	<=30	PASS
11N40SISO	Ant1	2422	96.97	0.13	11.16	<=30	PASS
		2437	96.97	0.13	14.03	<=30	PASS
		2452	96.97	0.13	10.49	<=30	PASS

Test Graphs

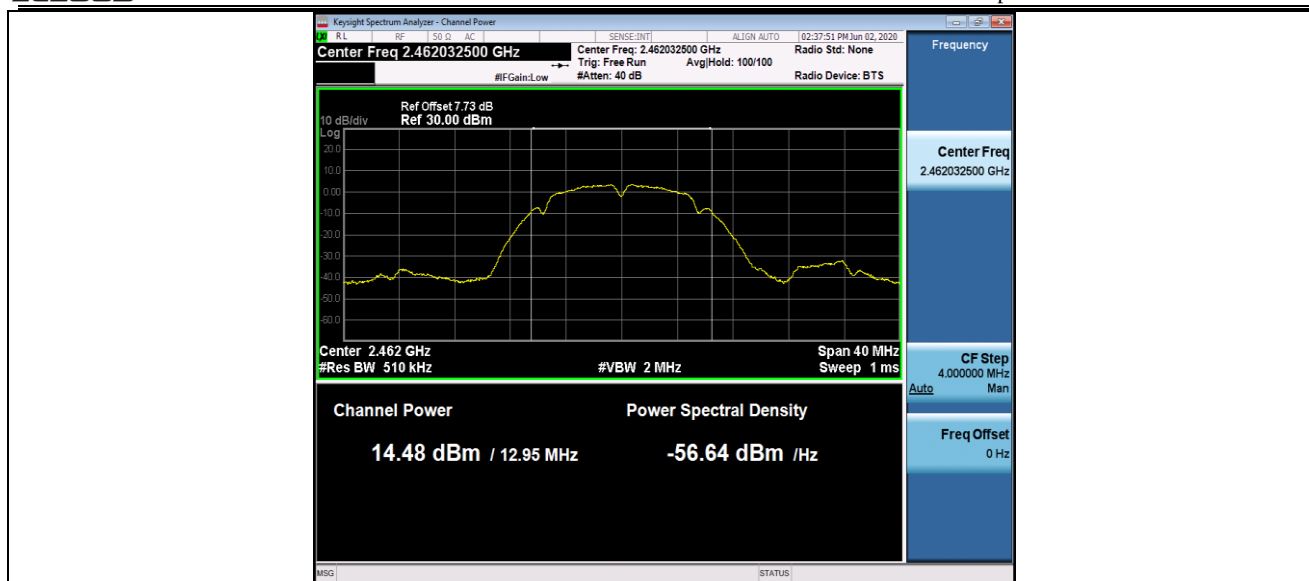
11B_Ant1_2412



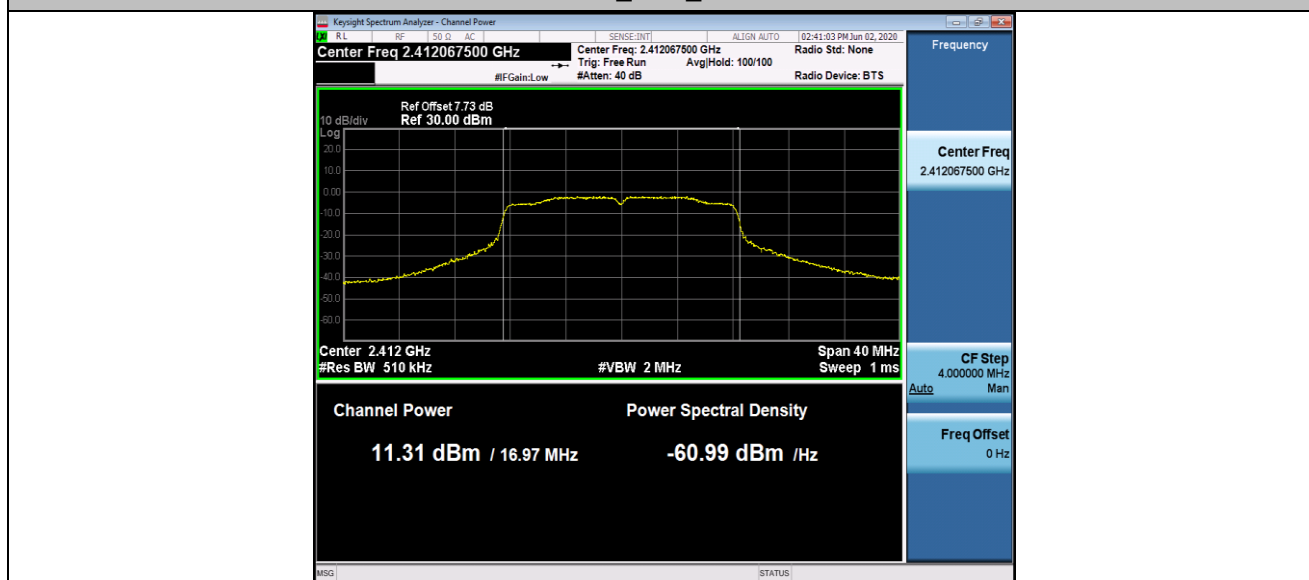
11B_Ant1_2437



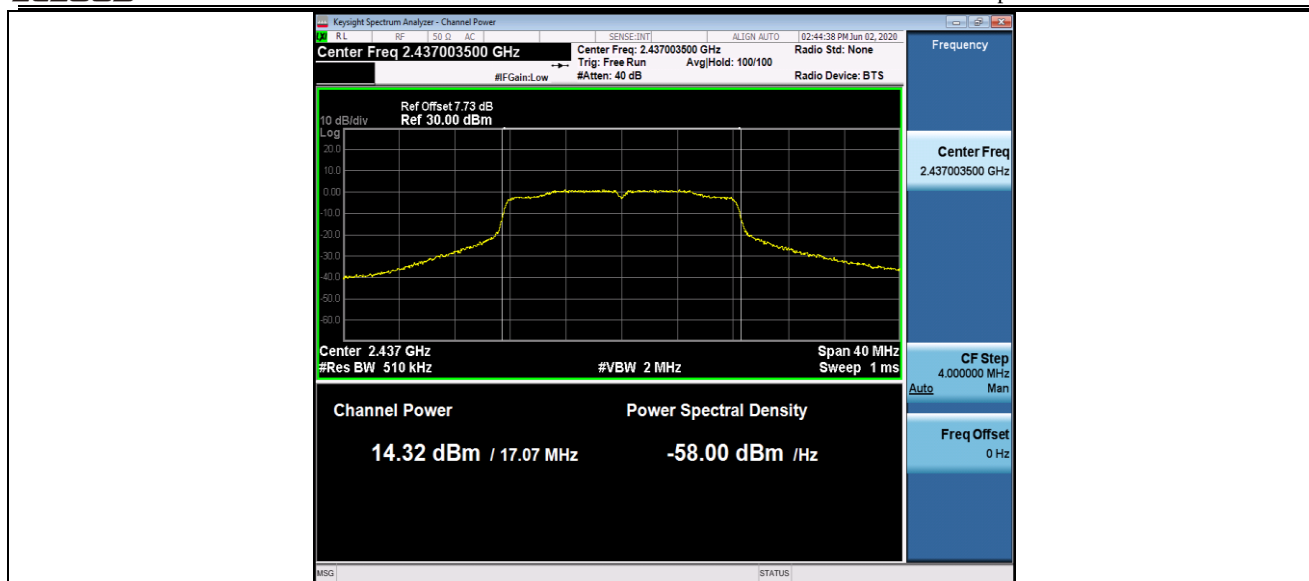
11B_Ant1_2462



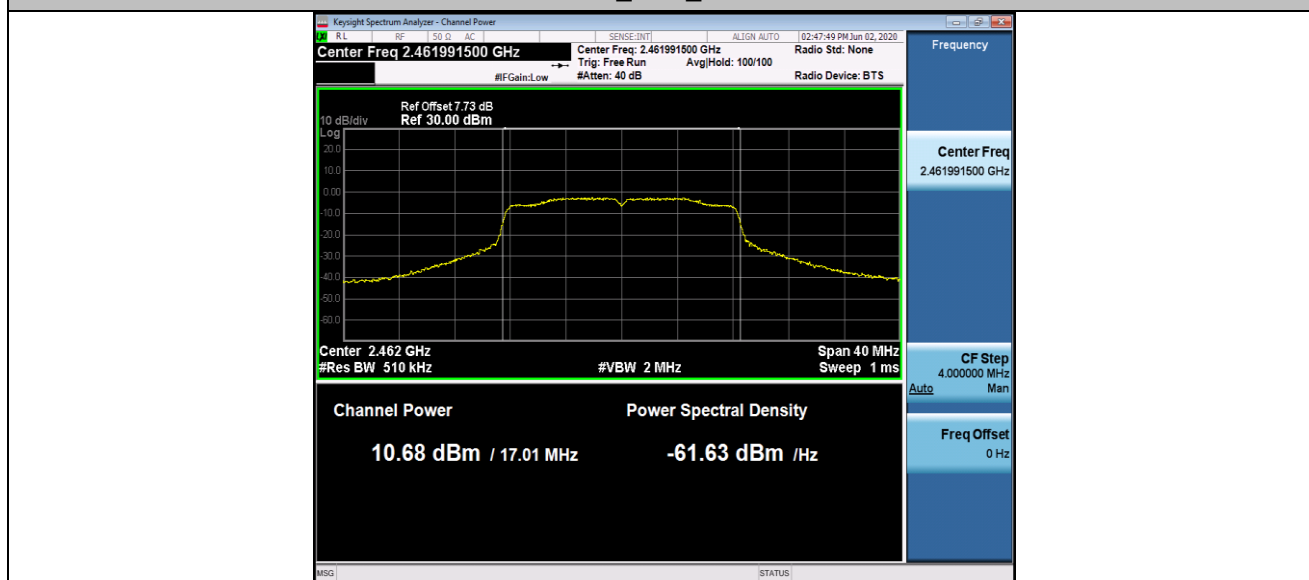
11G_Ant1_2412



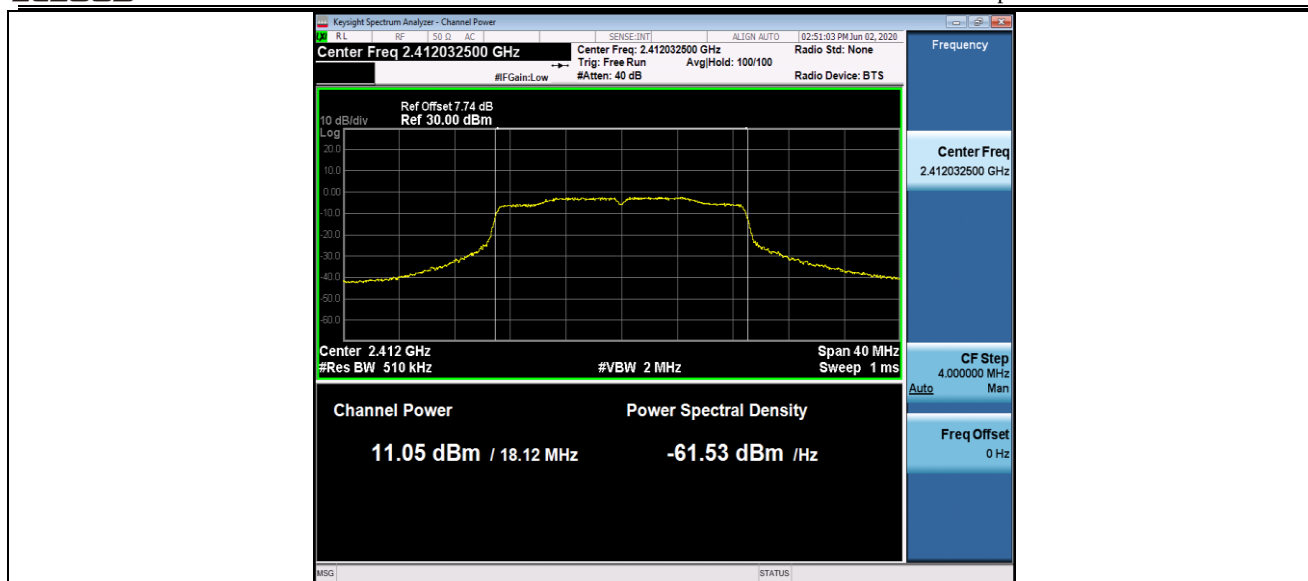
11G_Ant1_2437



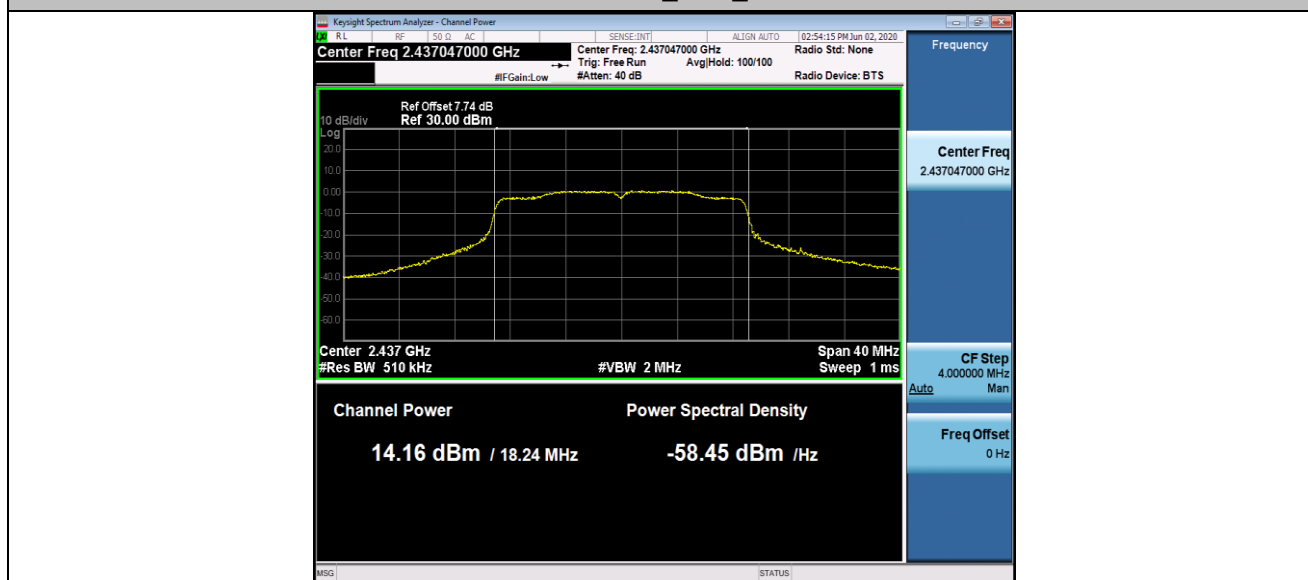
11G_Ant1_2462



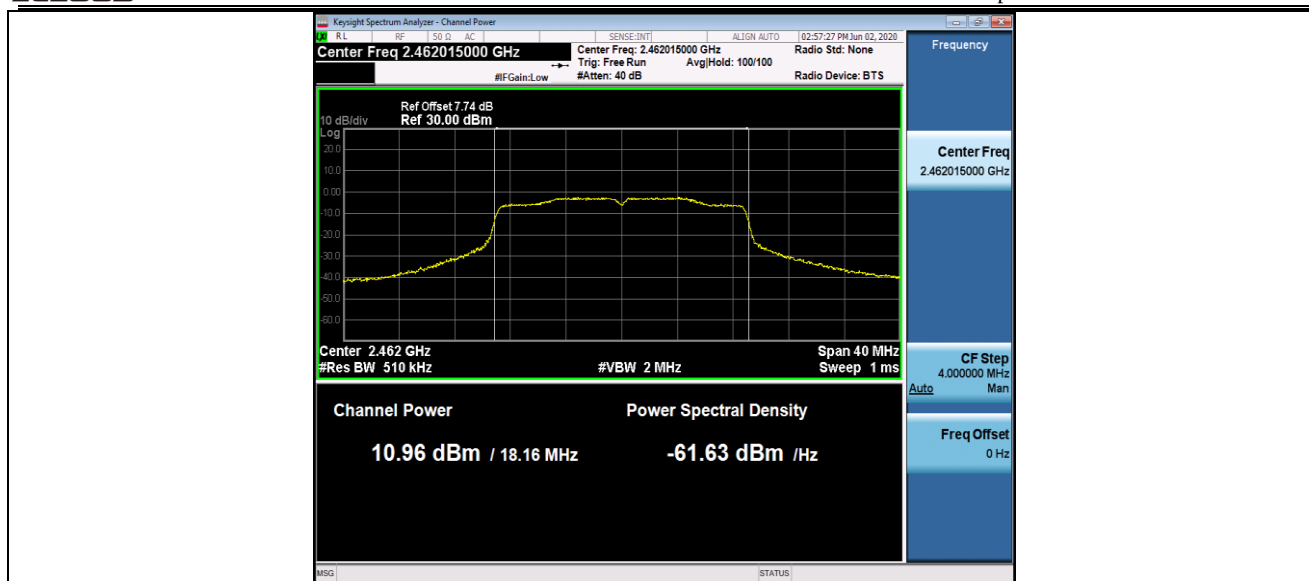
11N20SISO_Ant1_2412



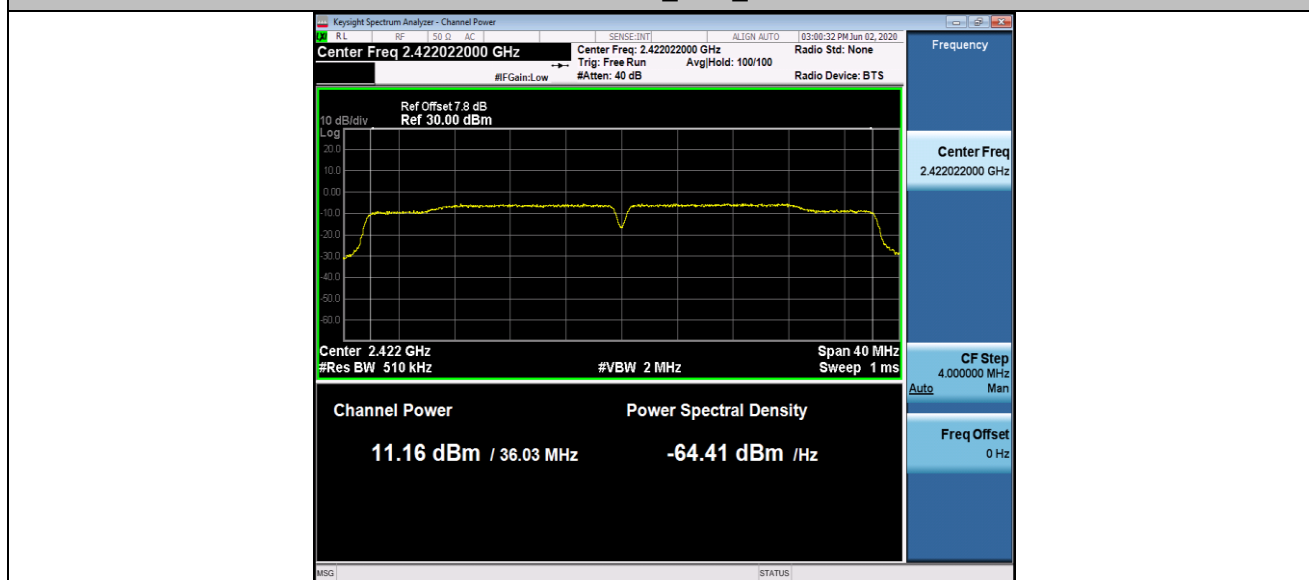
11N20SISO_Ant1_2437



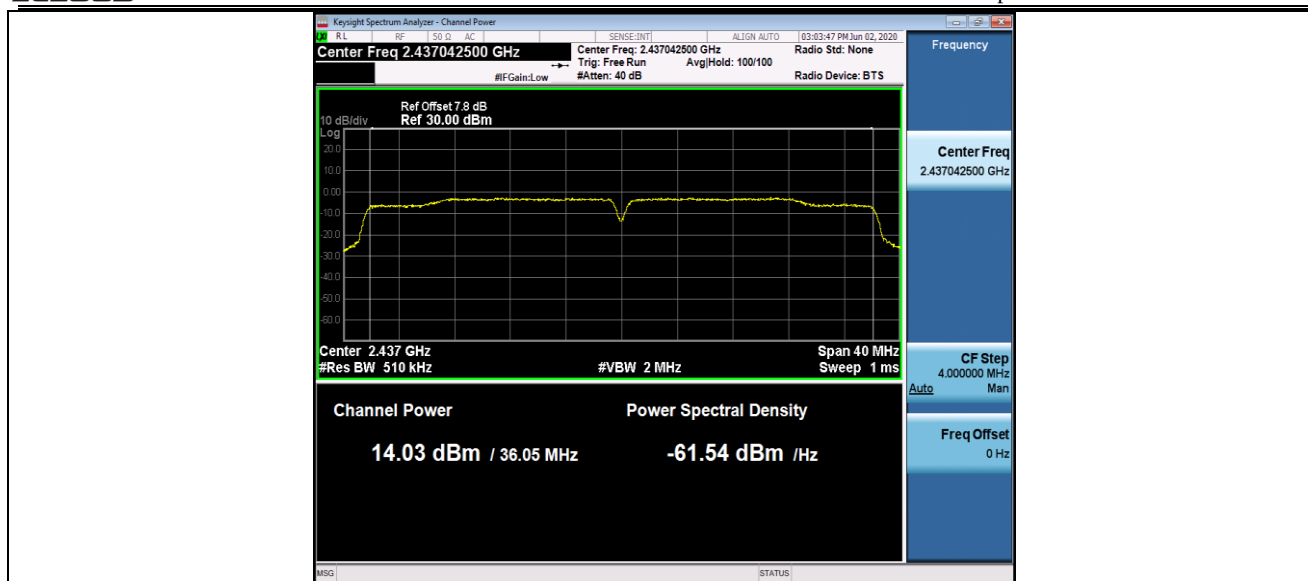
11N20SISO_Ant1_2462



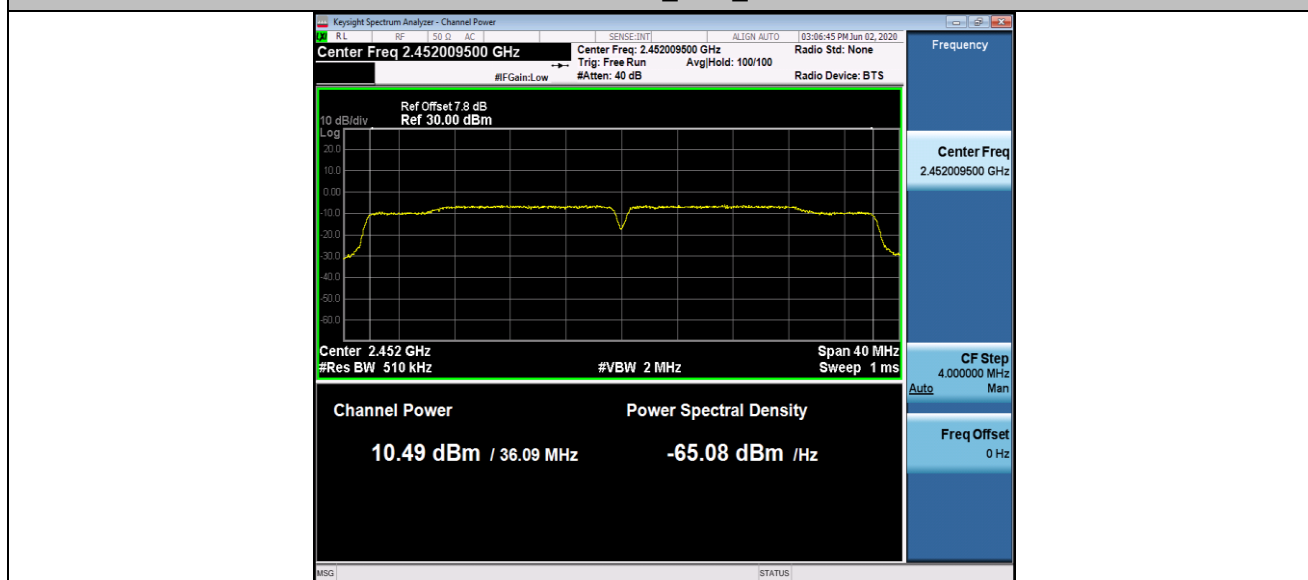
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



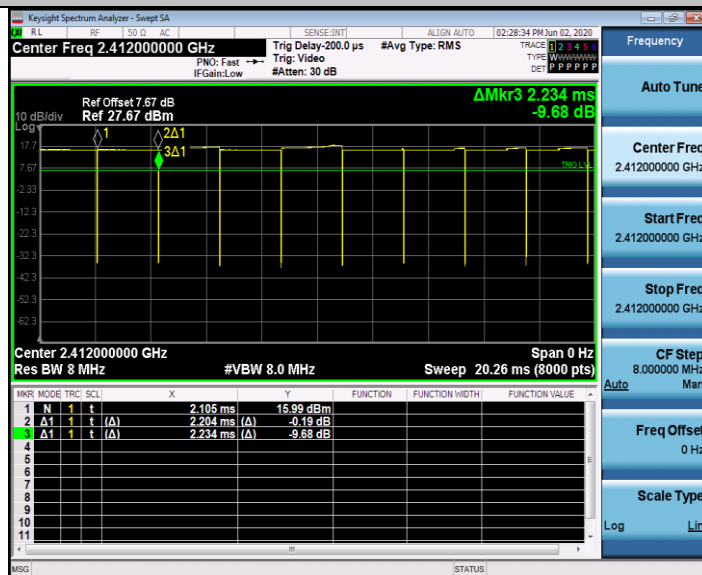
Appendix D: Duty Cycle

Test Result

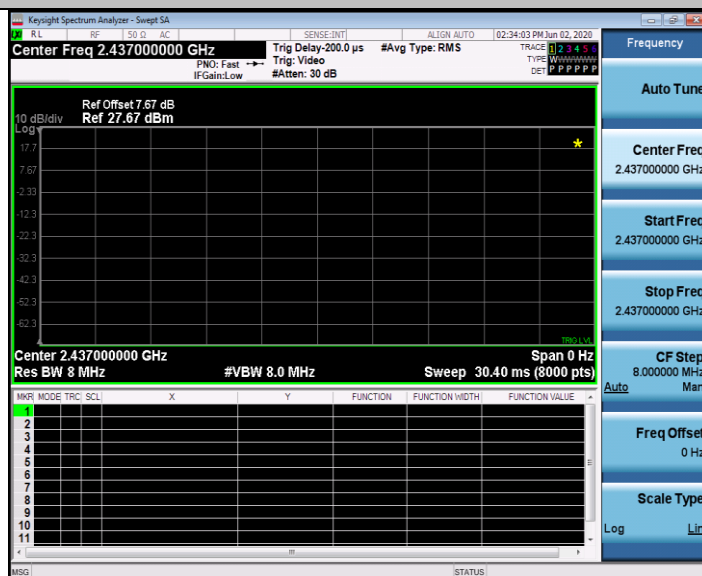
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	2.20	2.23	98.64
		2437	30.00	30.00	100.00
		2462	2.20	2.23	98.64
11G	Ant1	2412	2.05	2.08	98.54
		2437	2.05	2.07	98.60
		2462	2.05	2.07	98.60
11N20SISO	Ant1	2412	1.91	1.94	98.43
		2437	1.91	1.93	98.49
		2462	1.91	1.94	98.43

Test Graphs

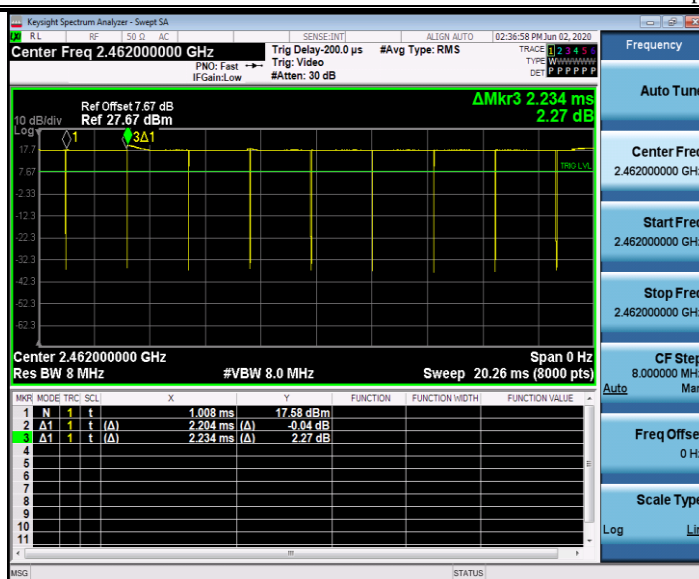
11B_Ant1_2412



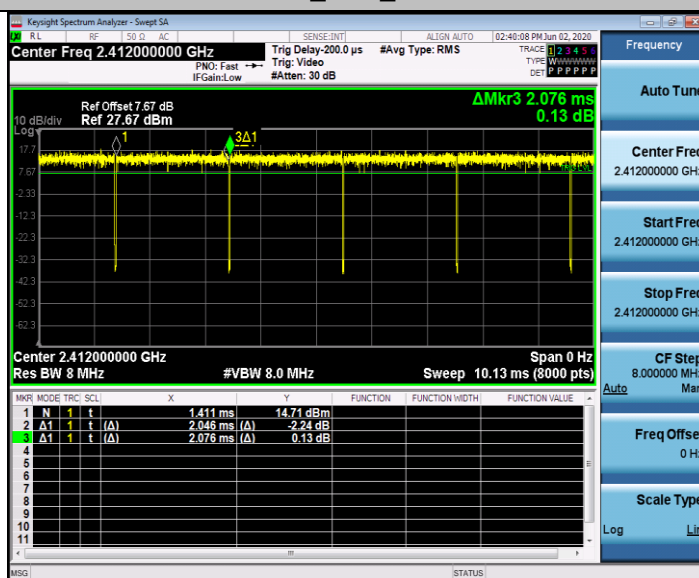
11B_Ant1_2437



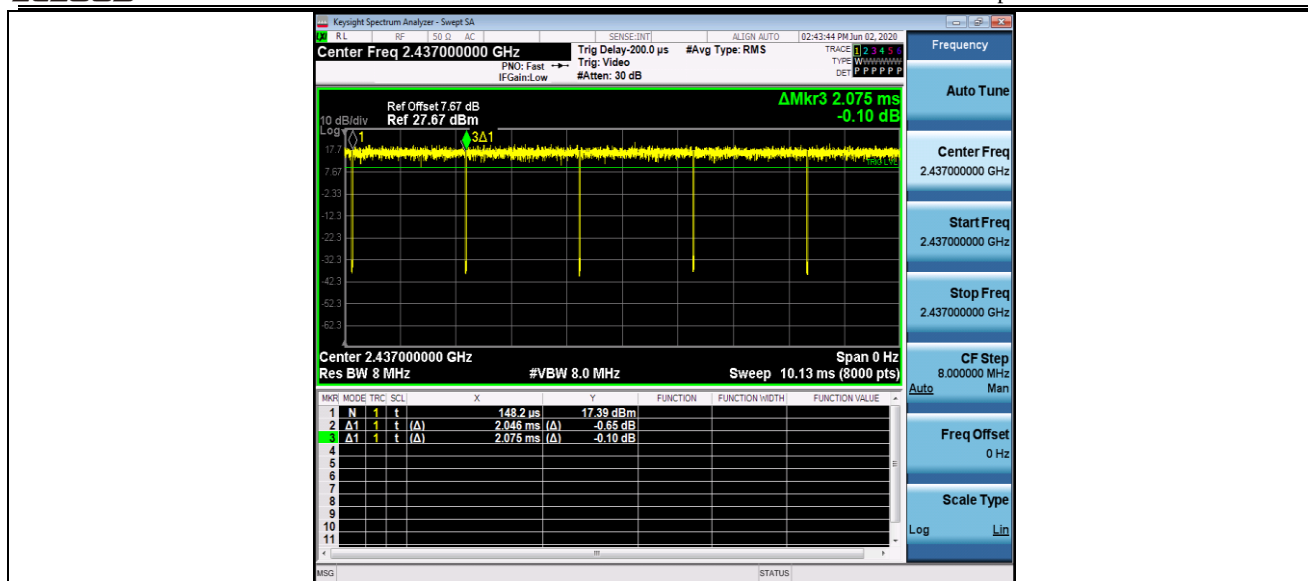
11B_Ant1_2462



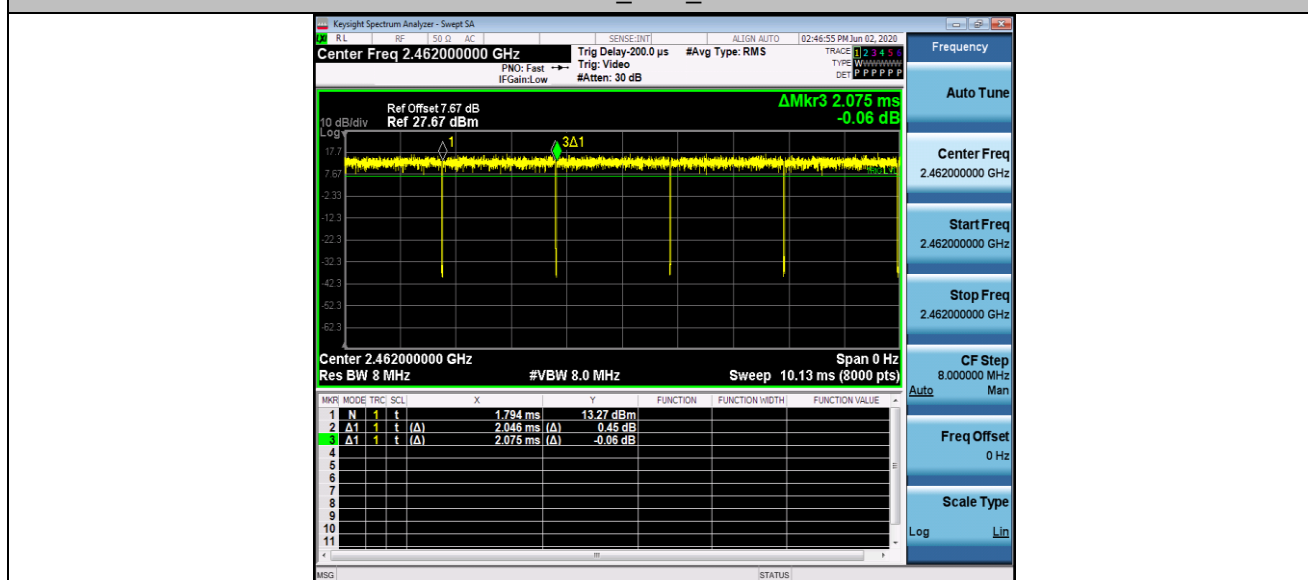
11G_Ant1_2412



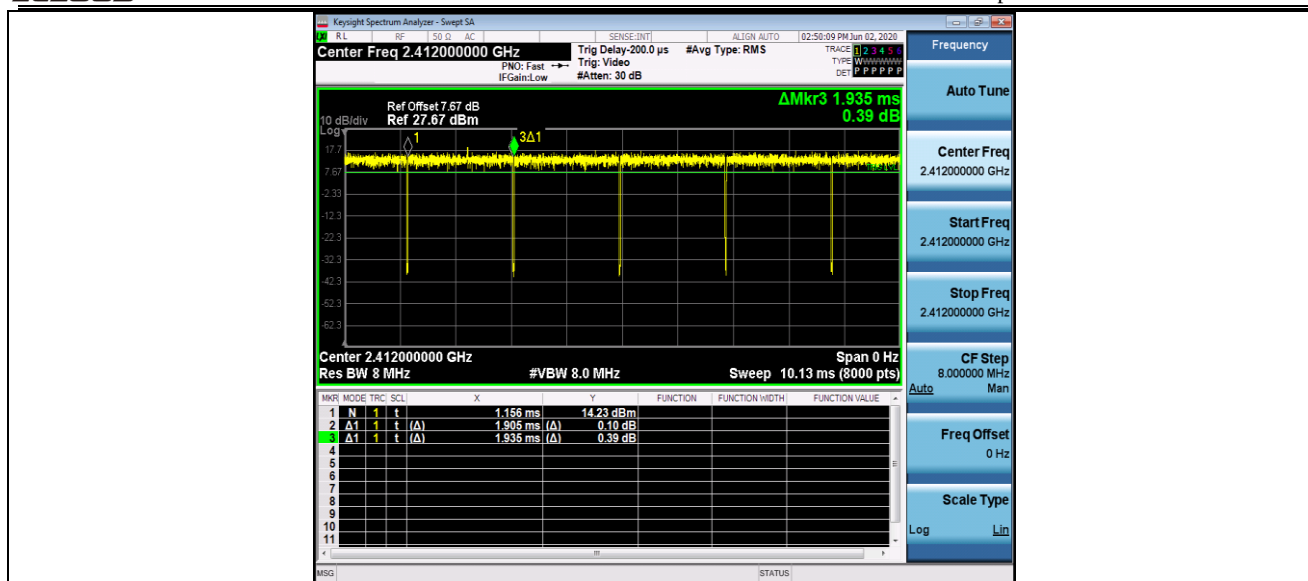
11G_Ant1_2437



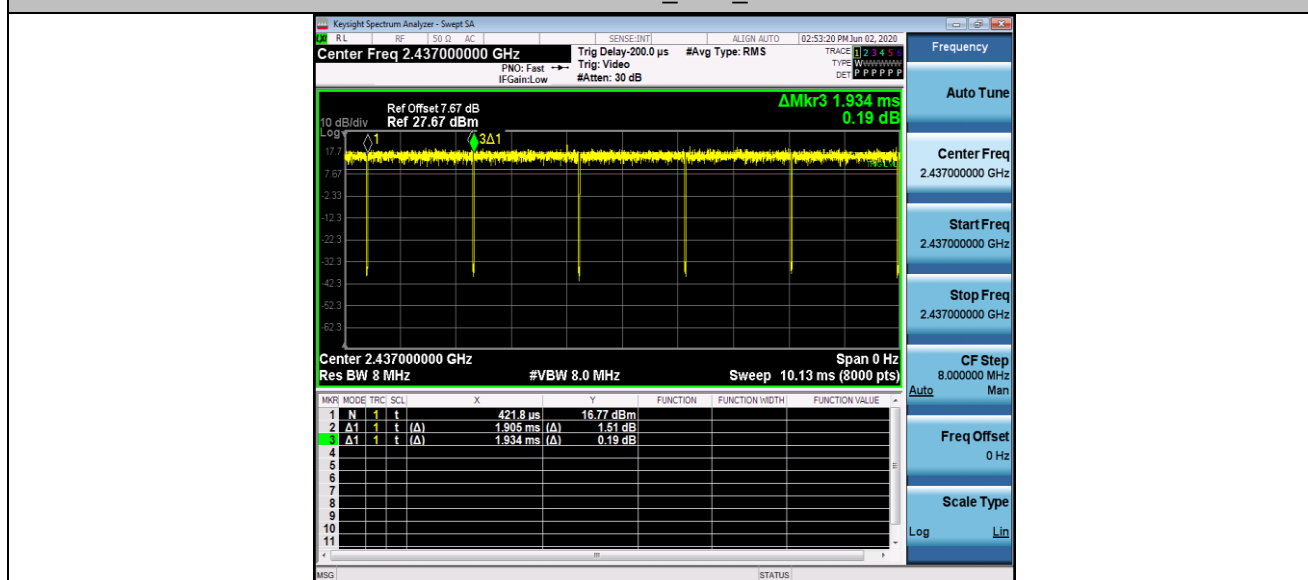
11G_Ant1_2462



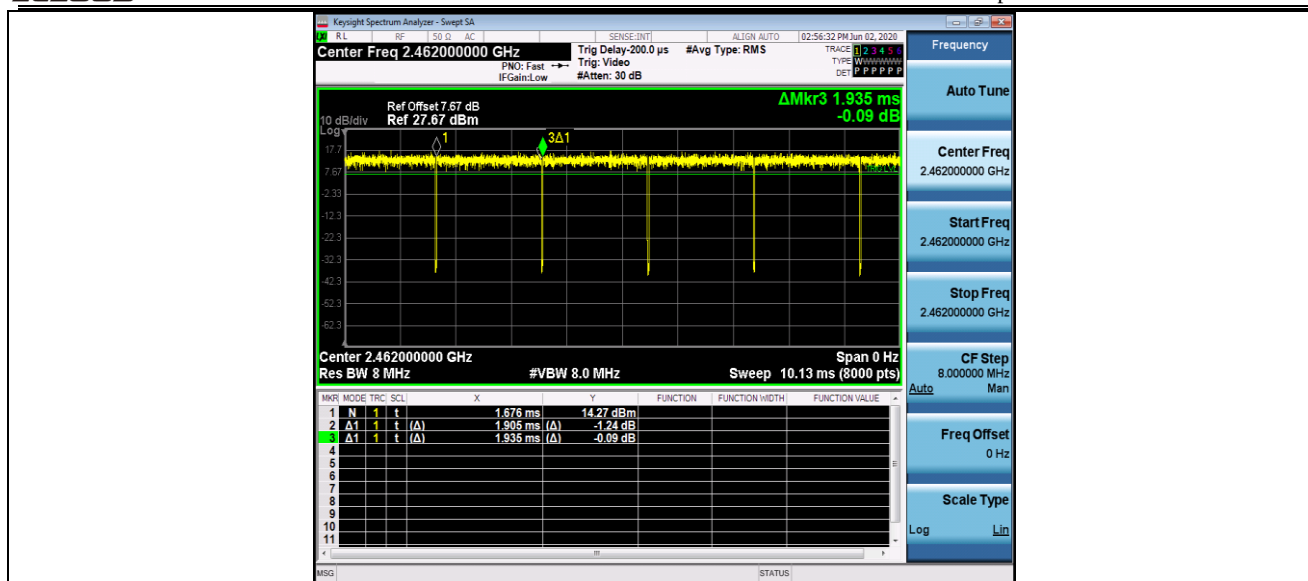
11N20SISO_Ant1_2412



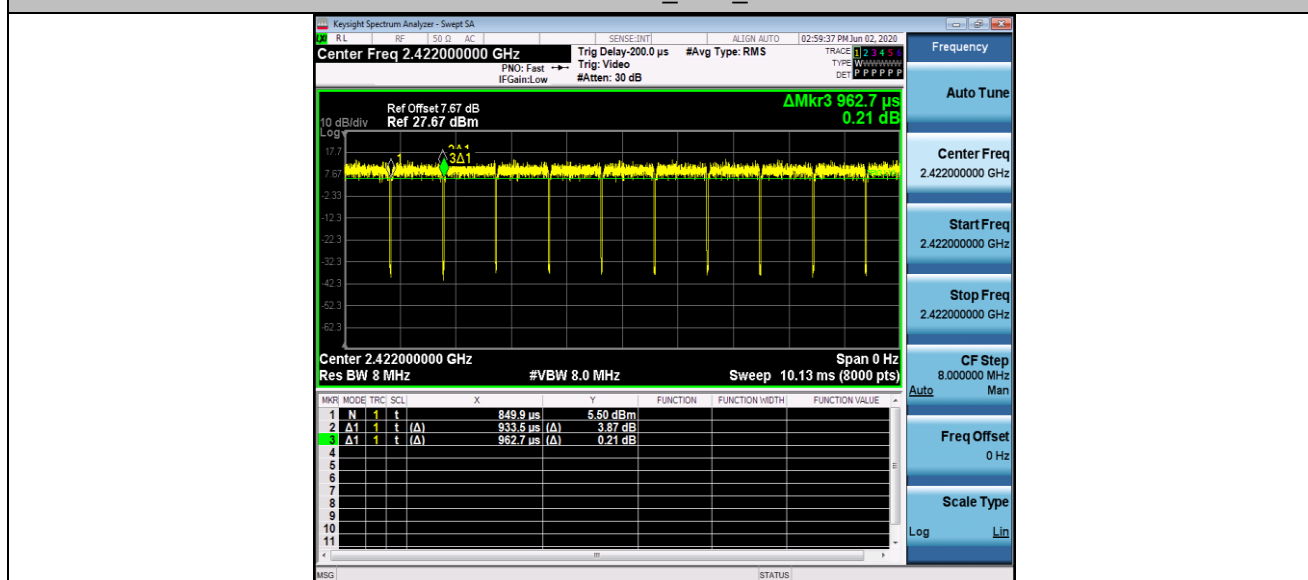
11N20SISO_Ant1_2437



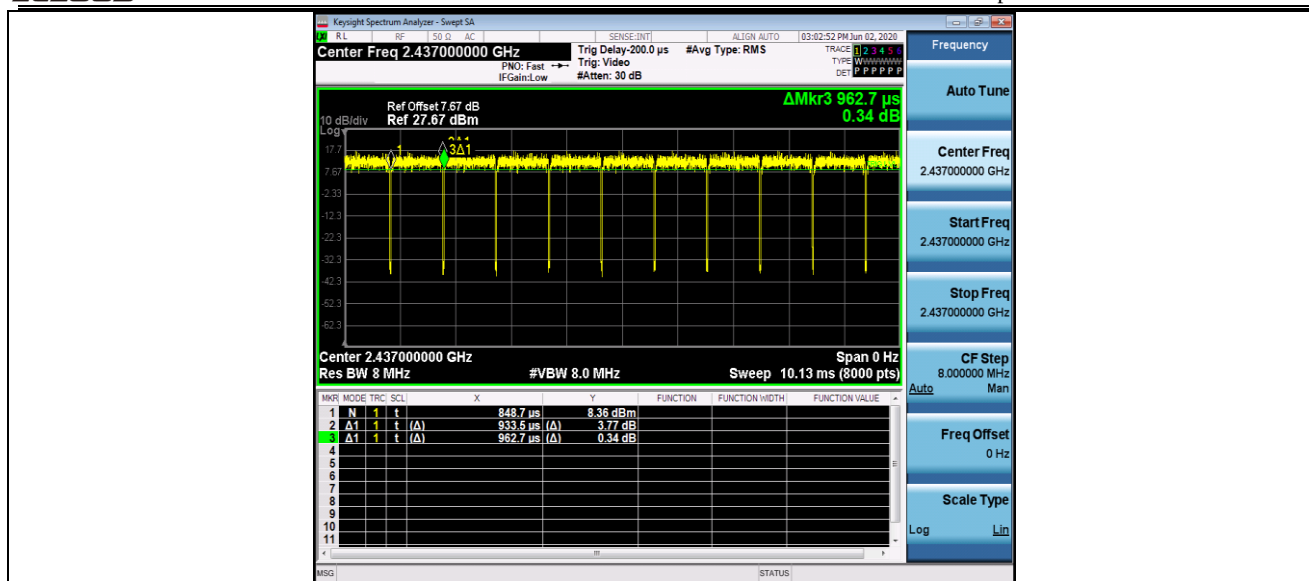
11N20SISO_Ant1_2462



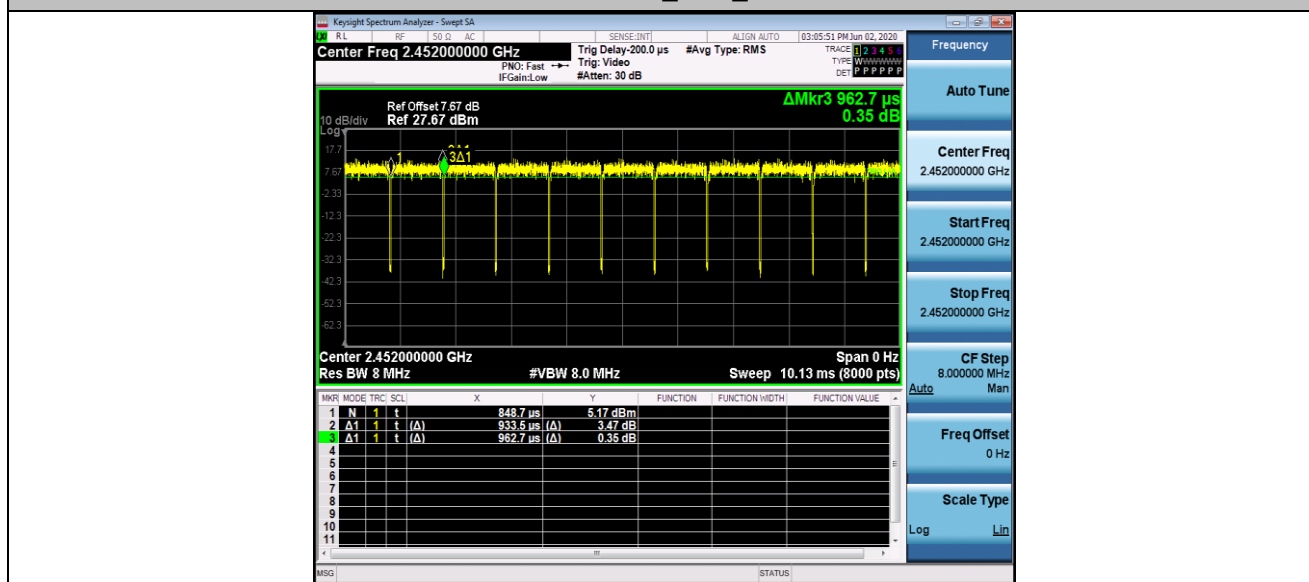
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	98.64	0.06	-8.46	-18.46	<=8	PASS
		2437	100	0.00	-8.06	-18.06	<=8	PASS
		2462	98.64	0.06	-7.6	-17.6	<=8	PASS
11G	Ant1	2412	98.54	0.06	-12.3	-22.3	<=8	PASS
		2437	98.6	0.06	-9.57	-19.57	<=8	PASS
		2462	98.6	0.06	-12.5	-22.5	<=8	PASS
11N20SISO	Ant1	2412	98.43	0.07	-12.55	-22.55	<=8	PASS
		2437	98.49	0.07	-9.78	-19.78	<=8	PASS
		2462	98.43	0.07	-12.19	-22.19	<=8	PASS
11N40SISO	Ant1	2422	96.97	0.02	-14.76	-24.76	<=8	PASS
		2437	96.97	0.02	-12.25	-22.25	<=8	PASS
		2452	96.97	0.02	-15.78	-25.78	<=8	PASS

Note:

calculating the RBW=3kHz value

-8.46 (AV.PSD At RBW=30kHz)-10*log(30/3)=-18.46(AV.PSD At RBW=3kHz)

Test Graphs

11B_Ant1_2412



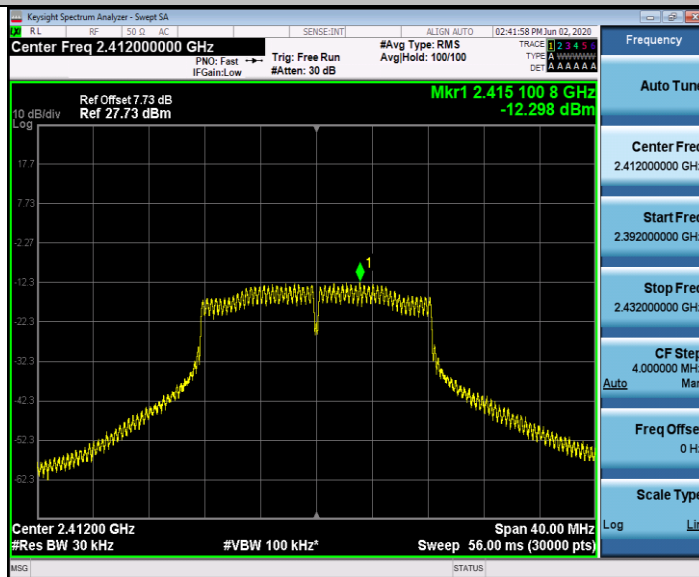
11B_Ant1_2437



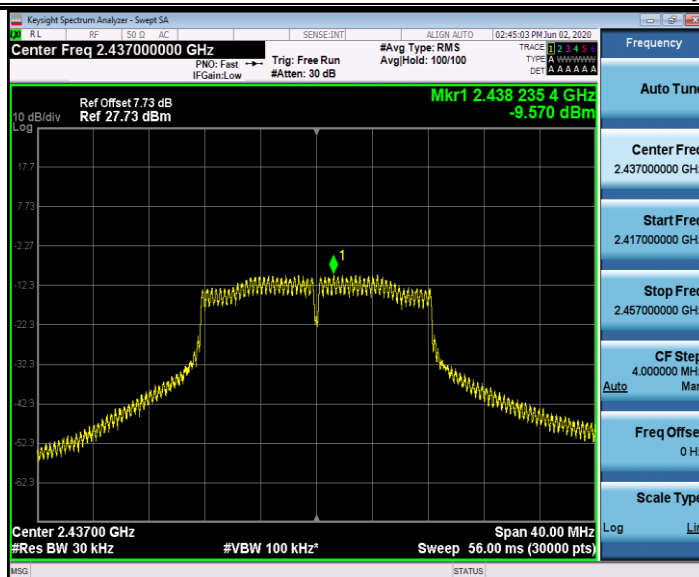
11B_Ant1_2462



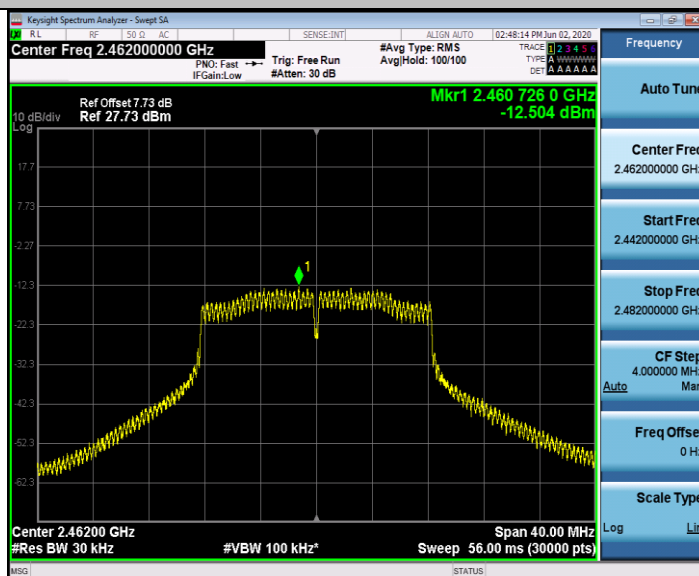
11G_Ant1_2412



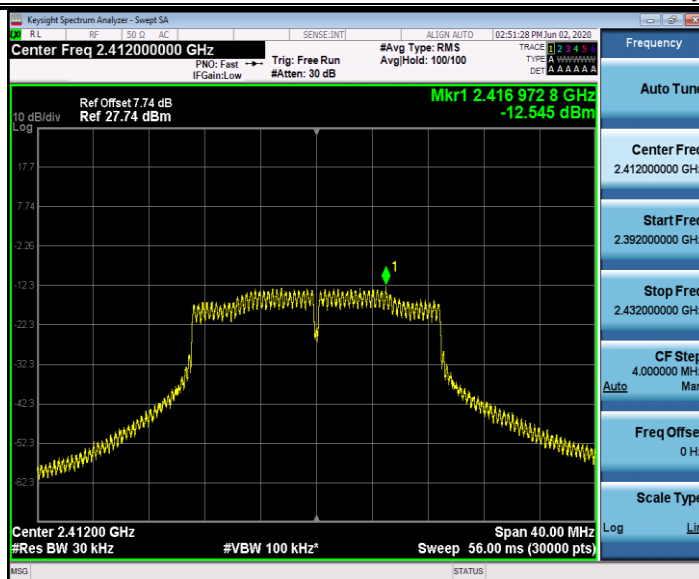
11G_Ant1_2437



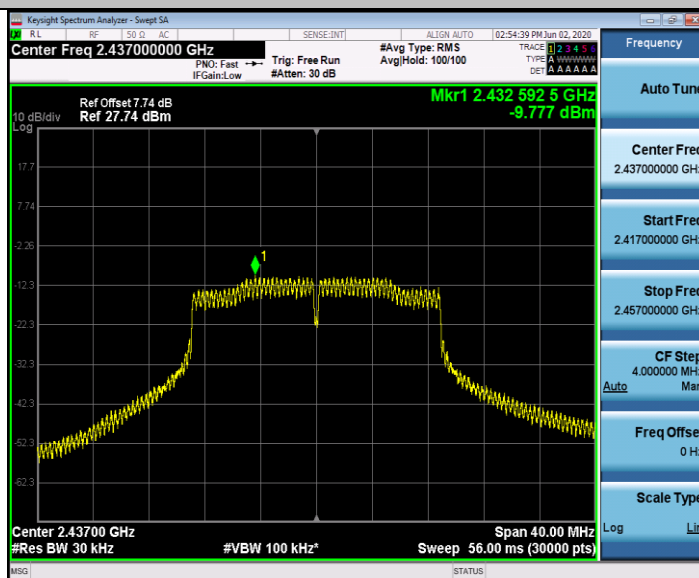
11G_Ant1_2462



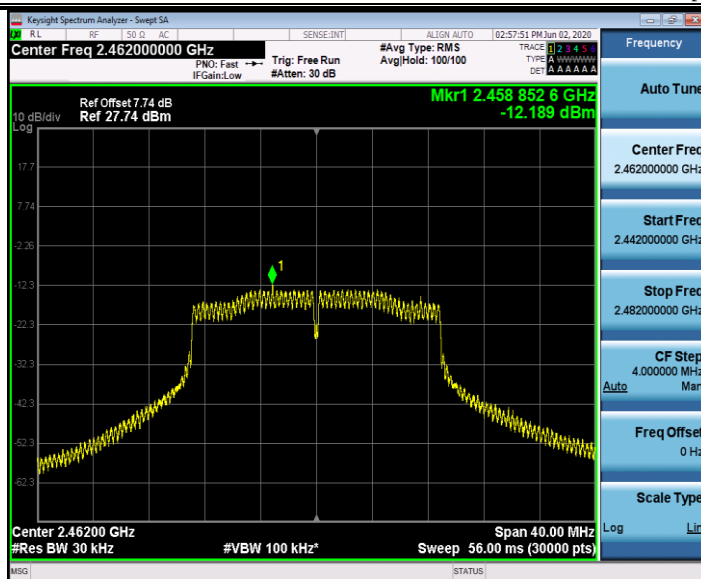
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



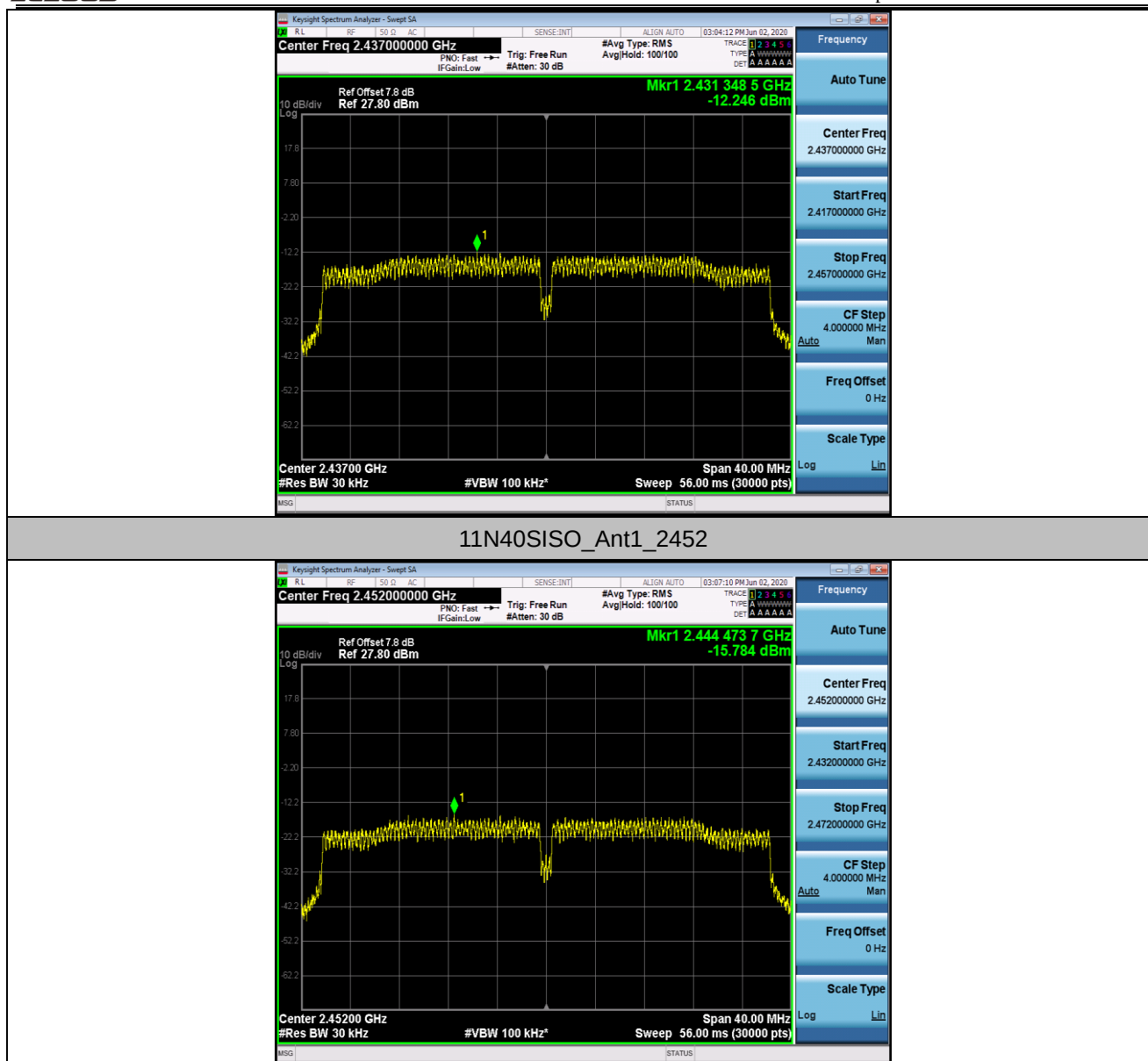
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



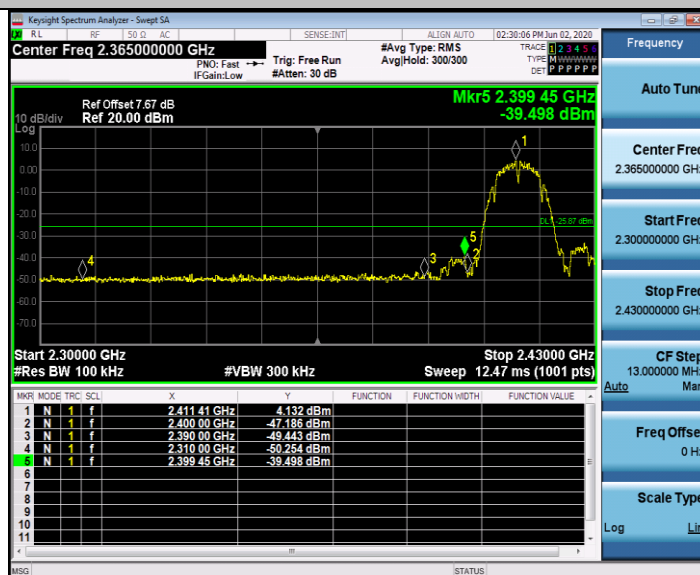
Appendix F: Band edge measurements

Test Result

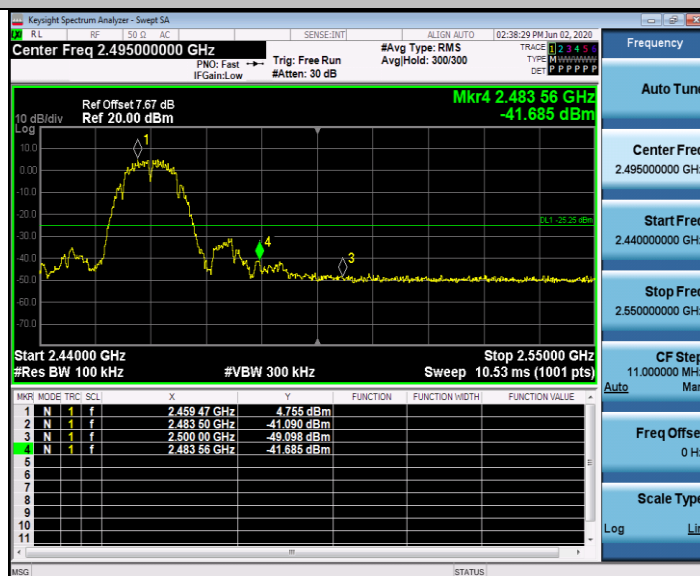
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.13	-39.5	<=-25.87	PASS
		High	2462	4.76	-41.69	<=-25.25	PASS
11G	Ant1	Low	2412	0.94	-29.73	<=-29.06	PASS
		High	2462	0.05	-41.99	<=-29.96	PASS
11N20SISO	Ant1	Low	2412	0.96	-30.25	<=-29.04	PASS
		High	2462	0.73	-36.62	<=-29.27	PASS
11N40SISO	Ant1	Low	2422	-1.97	-32.89	<=-31.97	PASS
		High	2452	-2.42	-33.08	<=-32.42	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412