

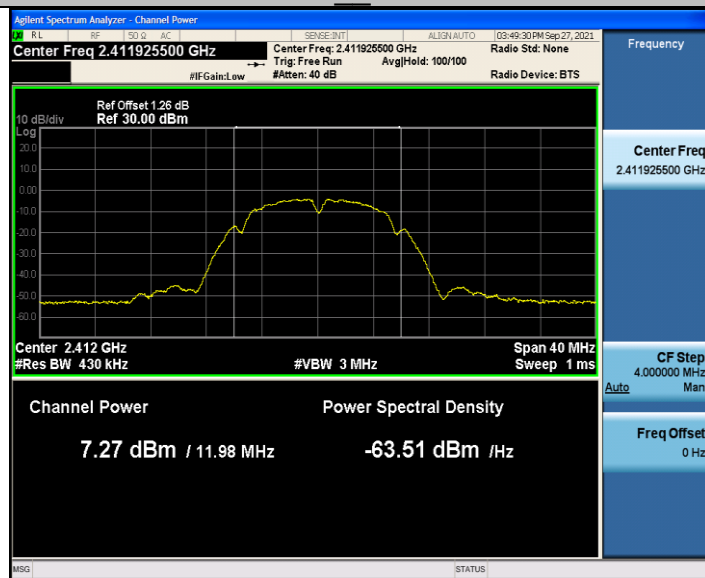
Maximum conducted output power

Test Result

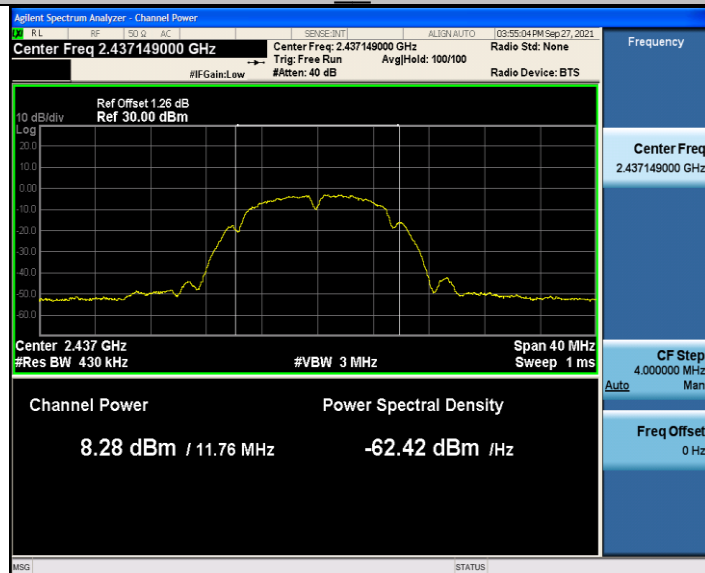
Test Mode	Channel	Result[dBm]	Correction Factor [dB]	Total Power [dBm]	Limit[dBm]	Verdict
11B	2412	7.27	0.26	7.53	<=30	PASS
	2437	8.28	0.26	8.54	<=30	PASS
	2462	9.38	0.26	9.64	<=30	PASS
11G	2412	6.69	1.25	7.94	<=30	PASS
	2437	7.92	1.50	9.42	<=30	PASS
	2462	7.75	1.74	9.49	<=30	PASS
11N20SISO	2412	7.95	1.79	9.74	<=30	PASS
	2437	7.87	1.90	9.77	<=30	PASS
	2462	7.64	1.79	9.43	<=30	PASS

Test Graphs

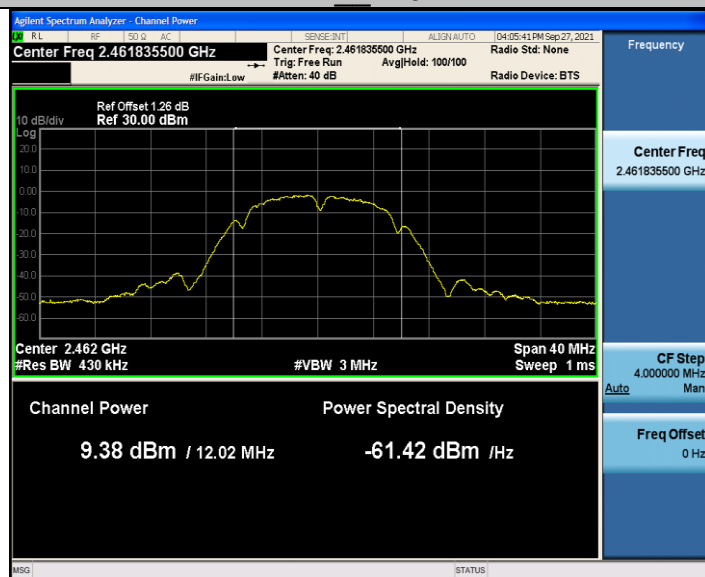
11B 2412



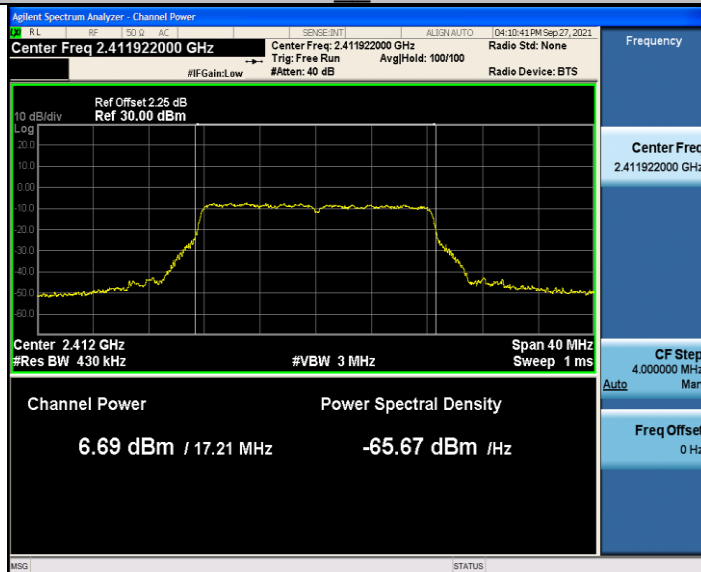
11B 2437



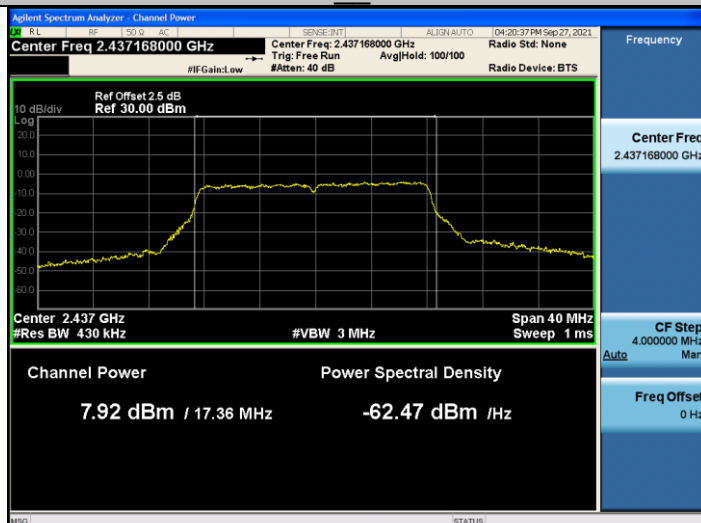
11B 2462



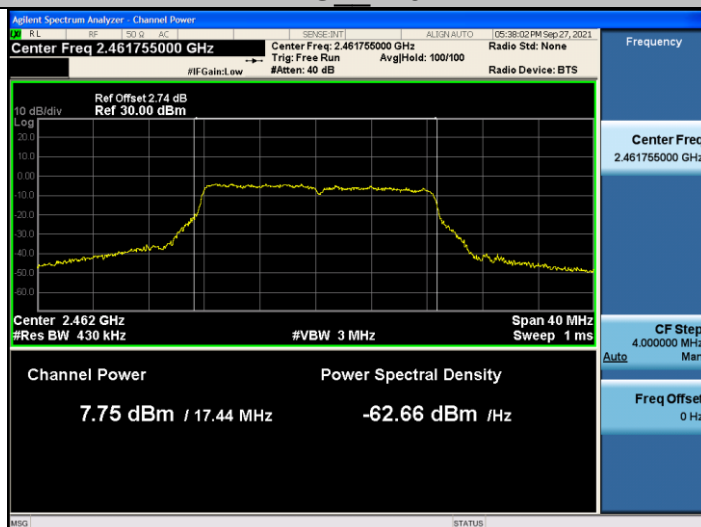
11G 2412



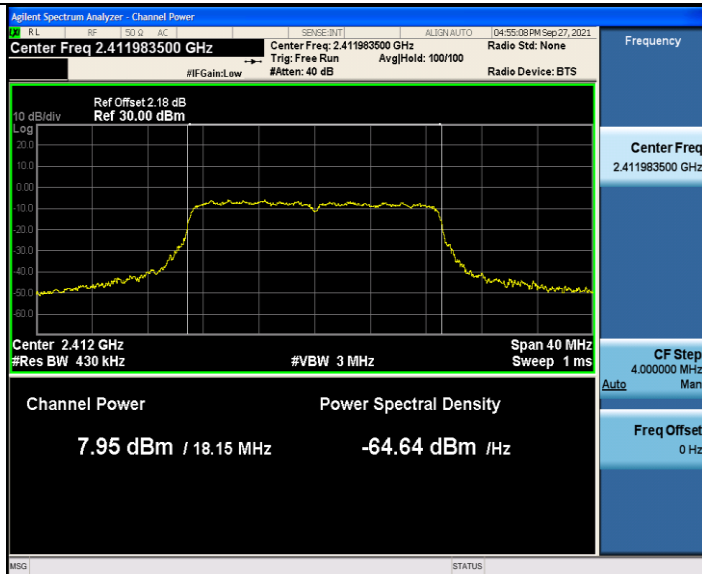
11G 2437



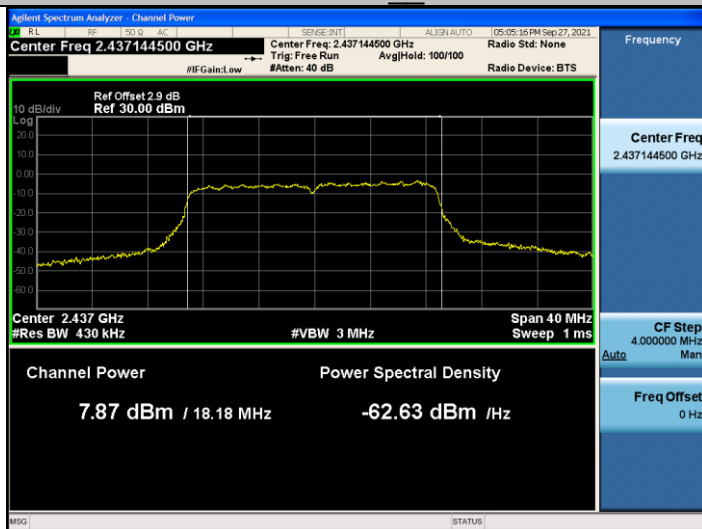
11G 2462



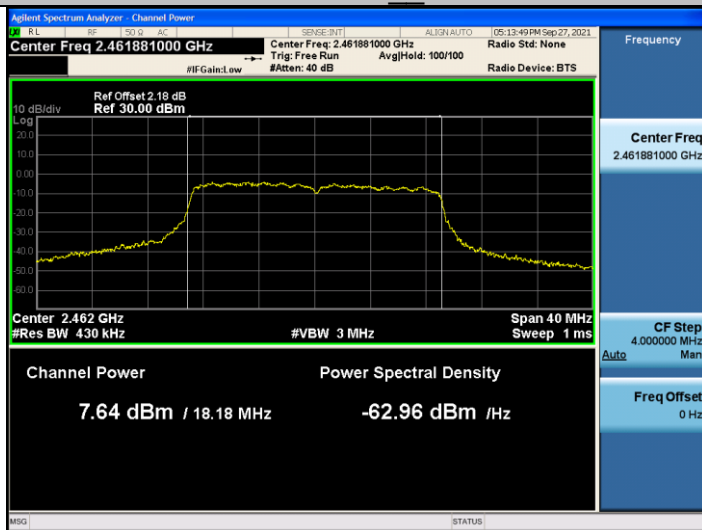
11N20SISO 2412



11N20SISO 2437



11N20SISO 2462



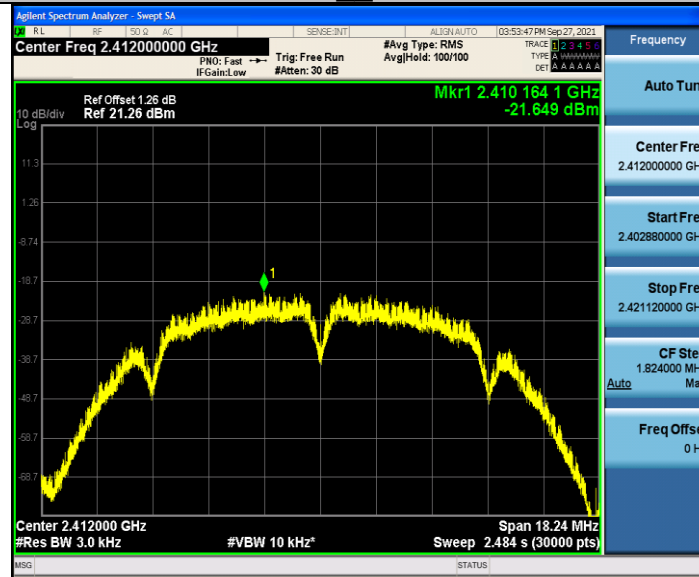
Maximum power spectral density

Test Result

Test Mode	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	-21.65	<=8	PASS
	2437	-20.49	<=8	PASS
	2462	-19.13	<=8	PASS
11G	2412	-22.56	<=8	PASS
	2437	-18.42	<=8	PASS
	2462	-19.28	<=8	PASS
11N20SISO	2412	-21.54	<=8	PASS
	2437	-18.52	<=8	PASS
	2462	-19.18	<=8	PASS

Test Graphs

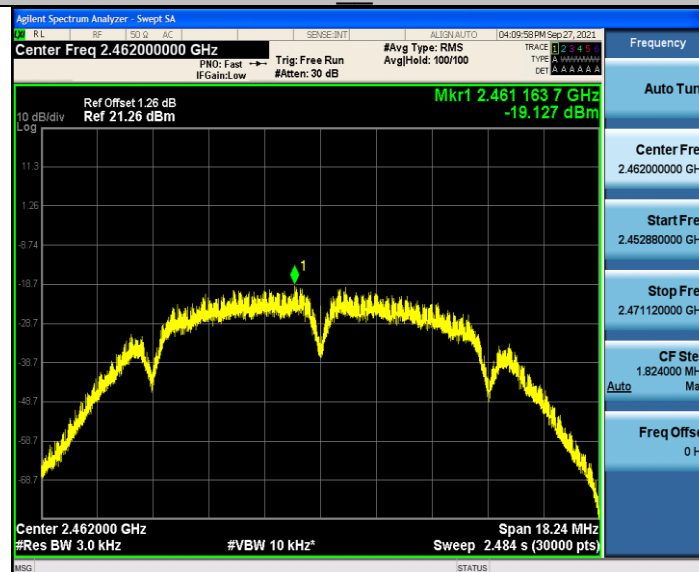
11B 2412



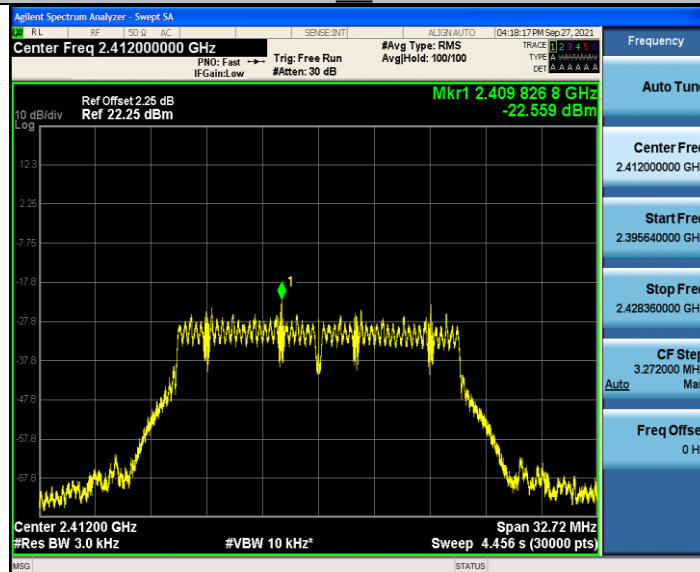
11B 2437



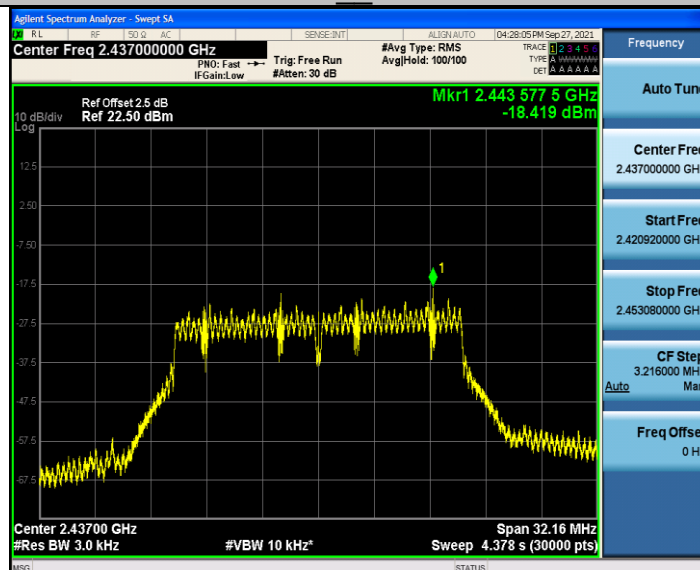
11B 2462



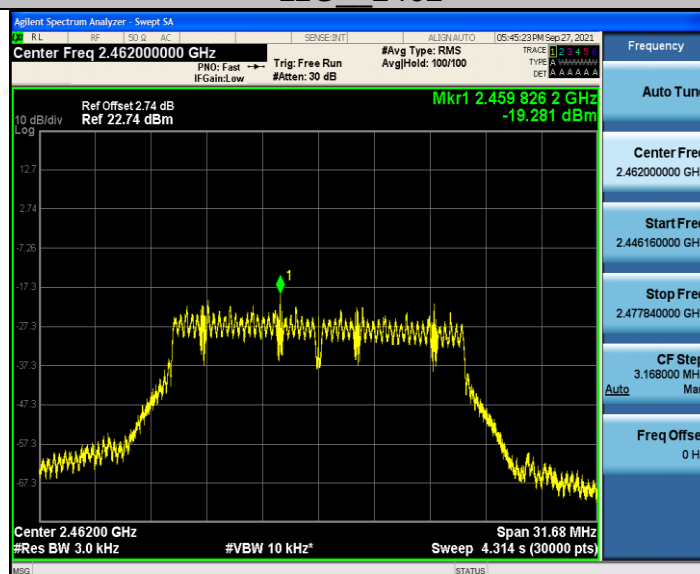
11G 2412



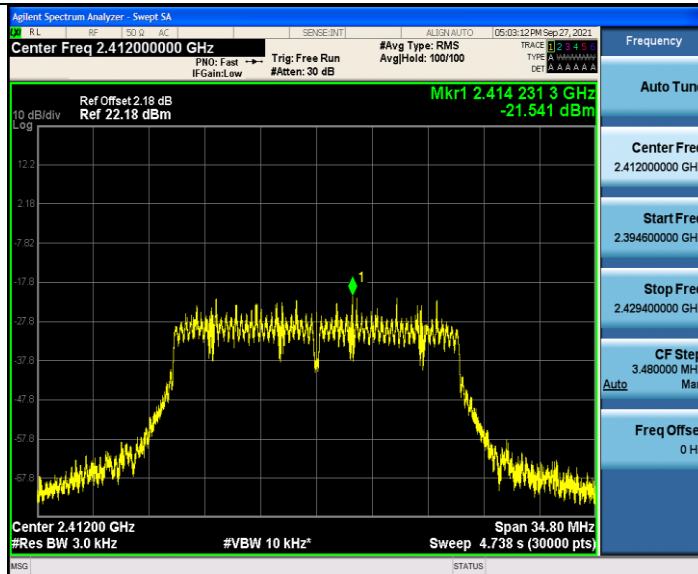
11G 2437



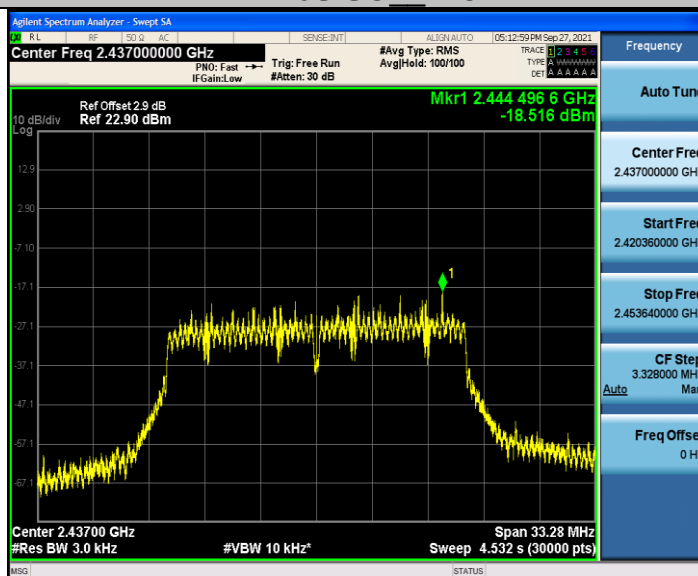
11G 2462



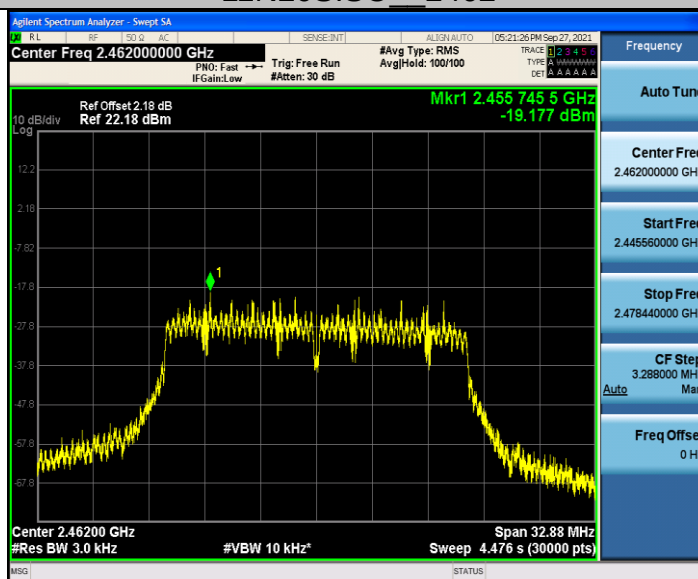
11N20SISO 2412



11N20SISO 2437



11N20SISO 2462

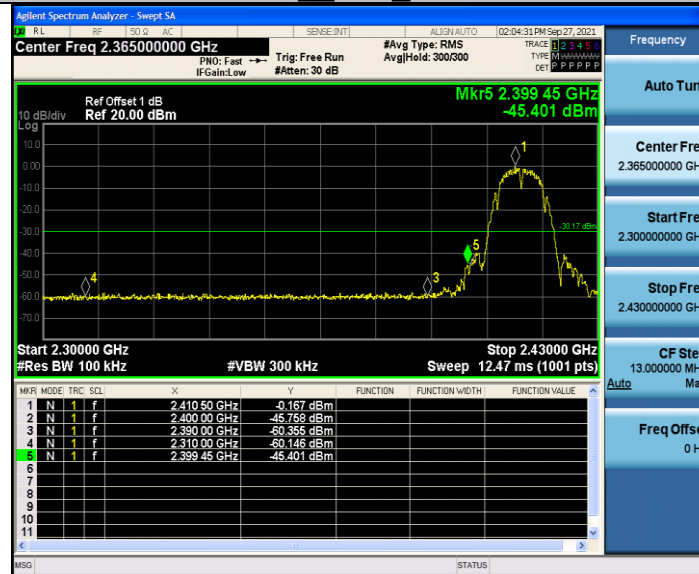


Band edge measurements

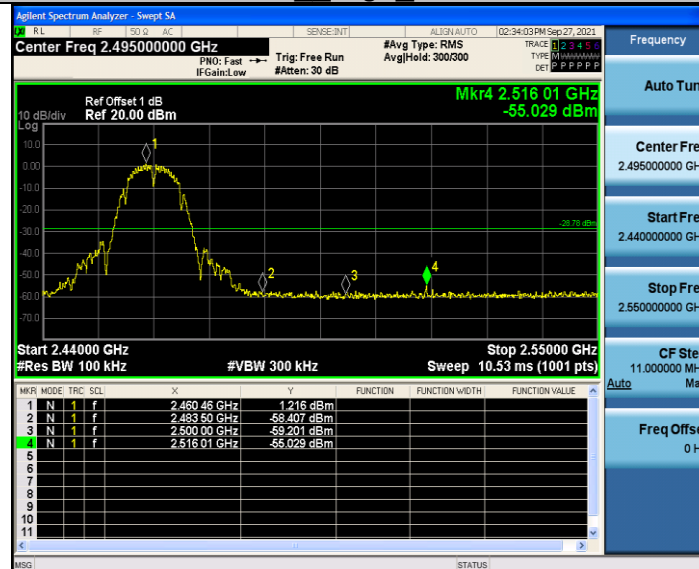
Test Result

Test Mode	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Low	2412	-0.17	-45.4	<=-30.17	PASS
	High	2462	1.22	-55.03	<=-28.78	PASS
11G	Low	2412	-3.27	-34.35	<=-33.27	PASS
	High	2462	0.97	-43.38	<=-29.03	PASS
11N20SISO	Low	2412	-2.80	-37.27	<=-32.8	PASS
	High	2462	0.20	-37.08	<=-29.8	PASS

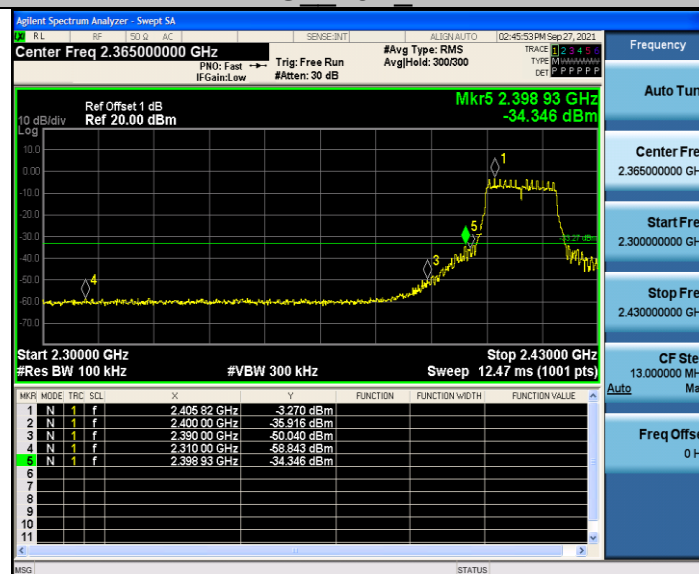
11B Low 2412



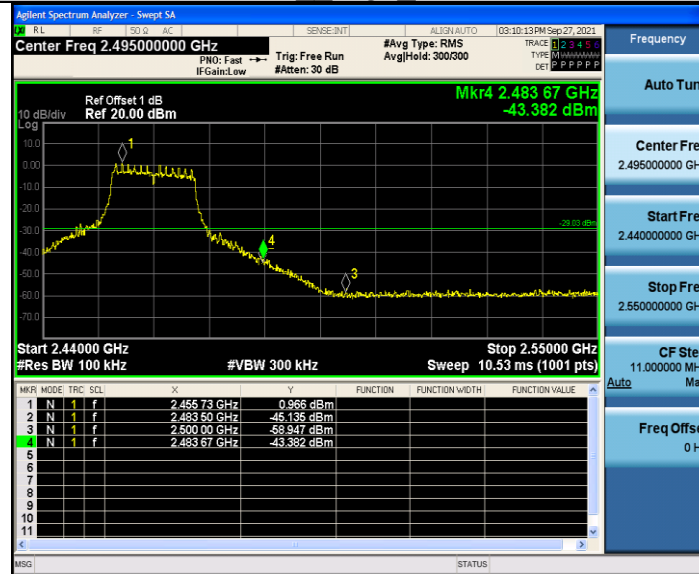
11B High 2462



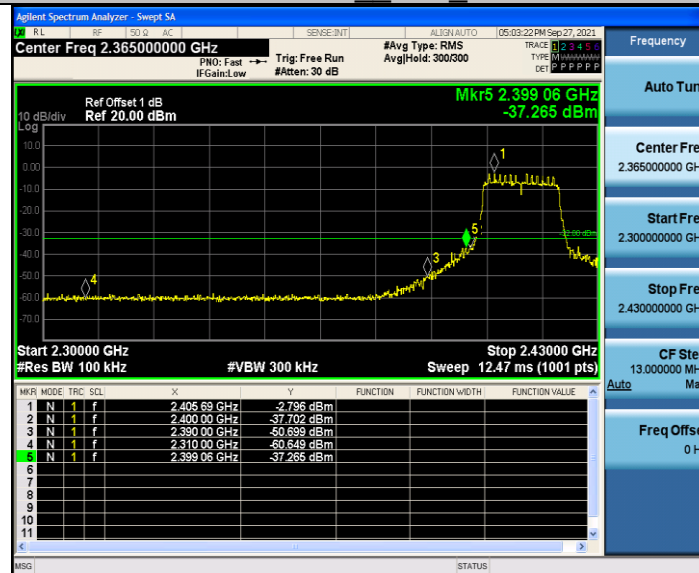
11G Low 2412



11G High 2462



11N20SISO Low 2412



11N20SISO High 2462



Conducted Spurious Emission

Test Result

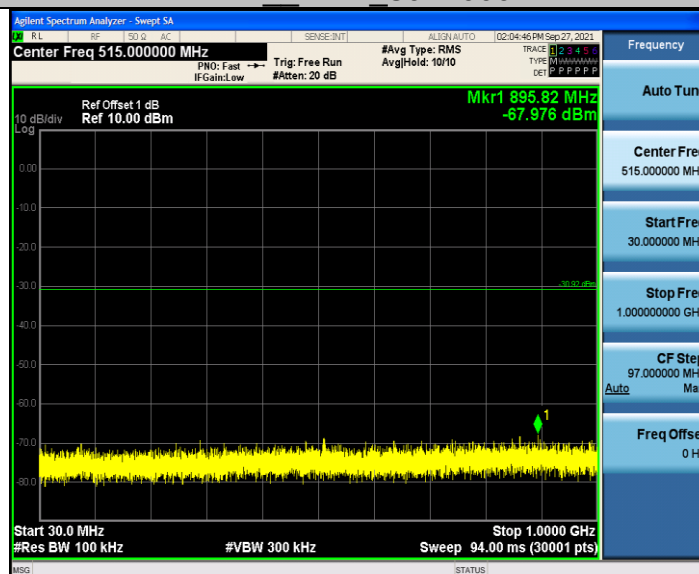
Test Mode	Channel	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	2412	Reference	-0.92	-0.92	---	PASS
		30~1000	30~1000	-67.976	<=-30.919	PASS
		1000~26500	1000~26500	-43.402	<=-30.919	PASS
	2437	Reference	0.39	0.39	---	PASS
		30~1000	30~1000	-68.5	<=-29.612	PASS
		1000~26500	1000~26500	-41.996	<=-29.612	PASS
	2462	Reference	0.71	0.71	---	PASS
		30~1000	30~1000	-68.027	<=-29.293	PASS
		1000~26500	1000~26500	-42.794	<=-29.293	PASS
11G	2412	Reference	-3.29	-3.29	---	PASS
		30~1000	30~1000	-67.782	<=-33.287	PASS
		1000~26500	1000~26500	-42.708	<=-33.287	PASS
	2437	Reference	-0.12	-0.12	---	PASS
		30~1000	30~1000	-68.246	<=-30.115	PASS
		1000~26500	1000~26500	-43.273	<=-30.115	PASS
	2462	Reference	0.94	0.94	---	PASS
		30~1000	30~1000	-67.992	<=-29.059	PASS
		1000~26500	1000~26500	-42.864	<=-29.059	PASS
11N20SISO	2412	Reference	-2.26	-2.26	---	PASS
		30~1000	30~1000	-68.145	<=-32.257	PASS
		1000~26500	1000~26500	-42.96	<=-32.257	PASS
	2437	Reference	-0.62	-0.62	---	PASS
		30~1000	30~1000	-67.633	<=-30.62	PASS
		1000~26500	1000~26500	-42.45	<=-30.62	PASS
	2462	Reference	0.25	0.25	---	PASS
		30~1000	30~1000	-69.202	<=-29.748	PASS
		1000~26500	1000~26500	-42.67	<=-29.748	PASS

Test Graphs

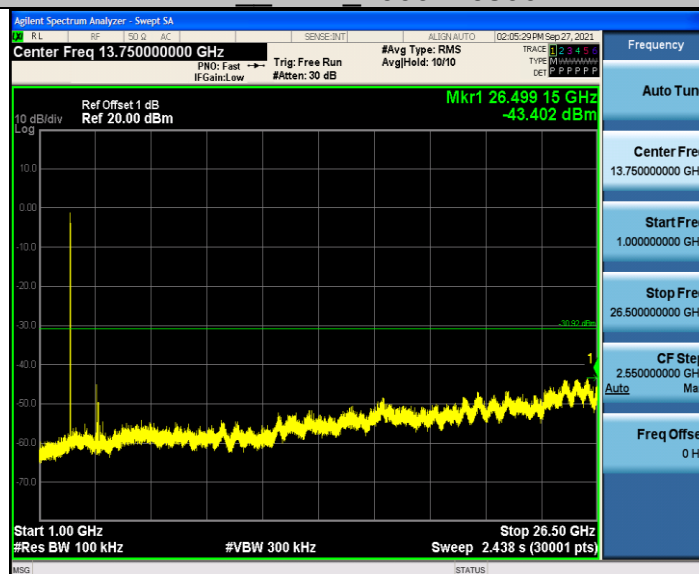
11B 2412 0~Reference



11B 2412 30~1000



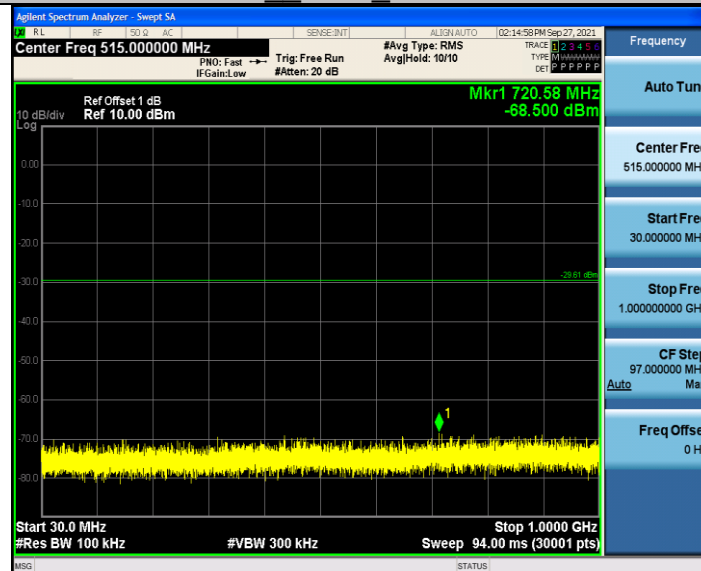
11B 2412 1000~26500



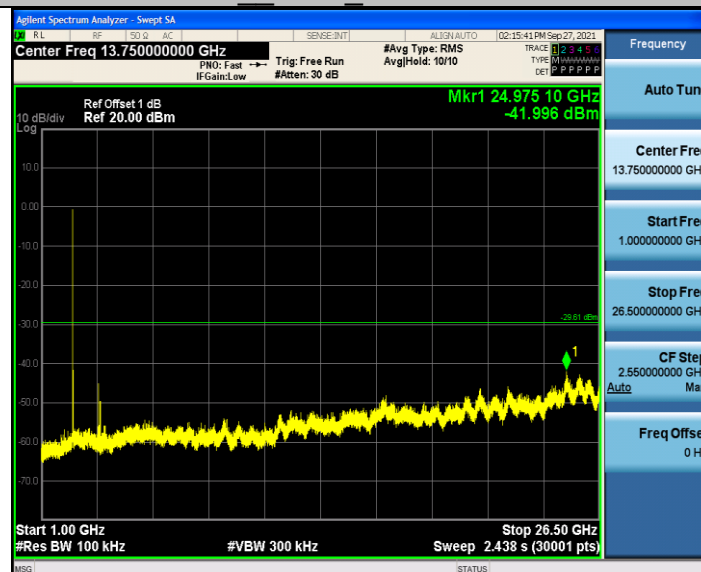
11B 2437 0~Reference



11B 2437 30~1000



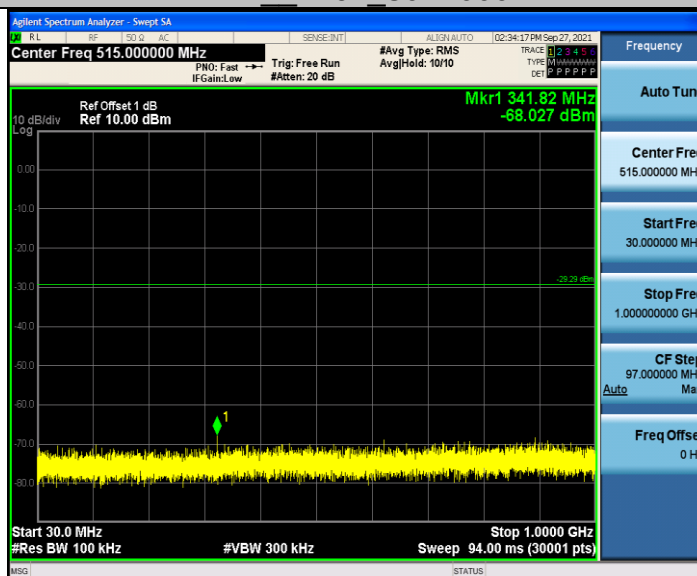
11B 2437 1000~26500



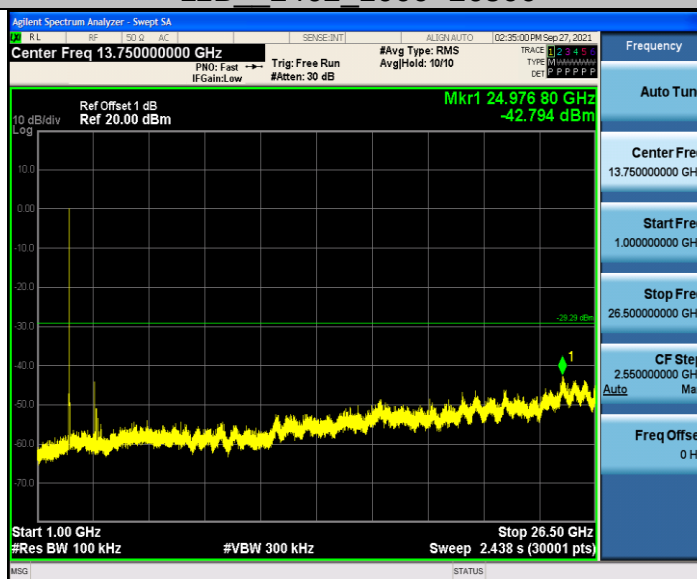
11B 2462 0~Reference



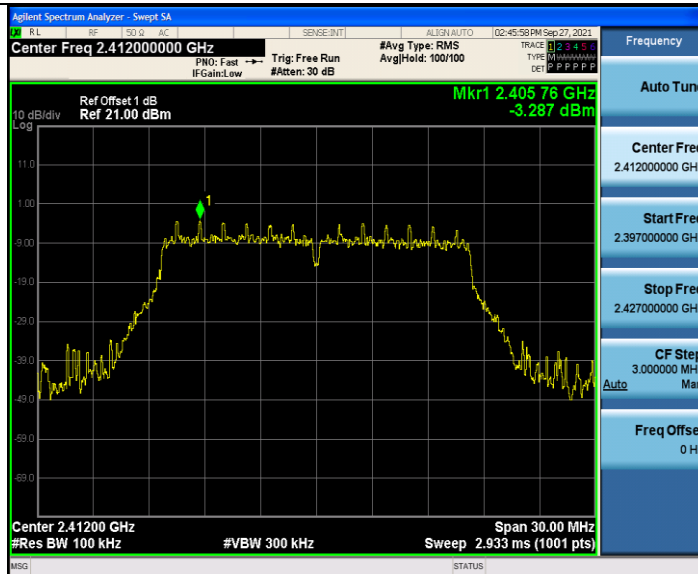
11B 2462 30~1000



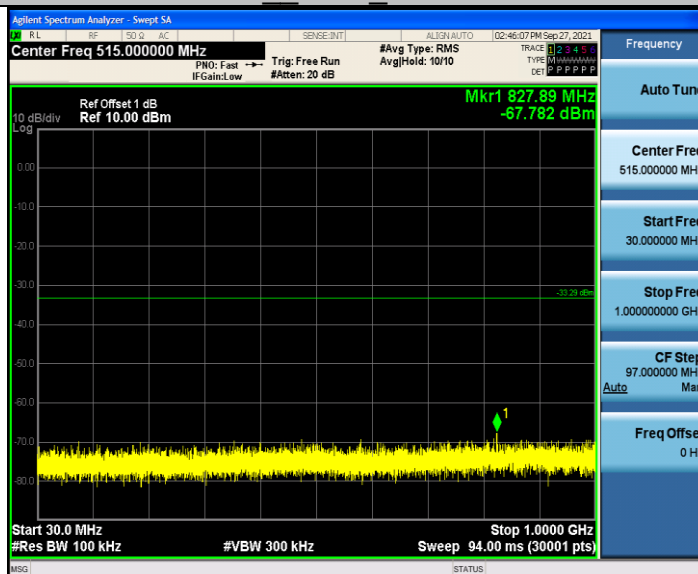
11B 2462 1000~26500



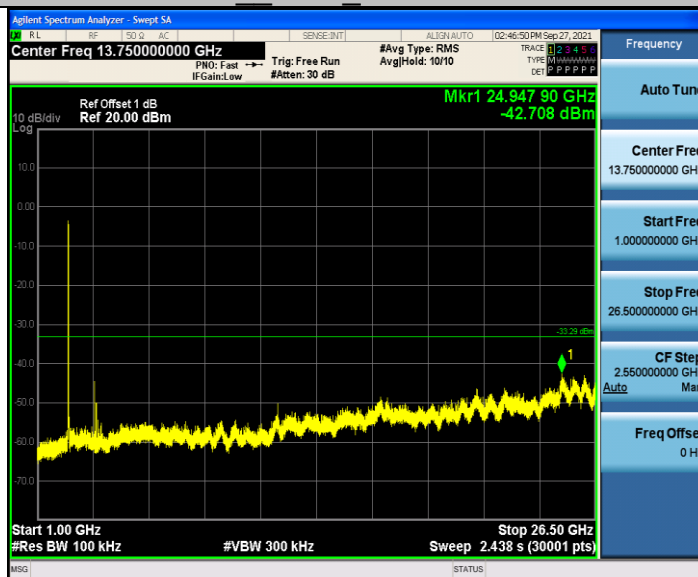
11G 2412 0~Reference



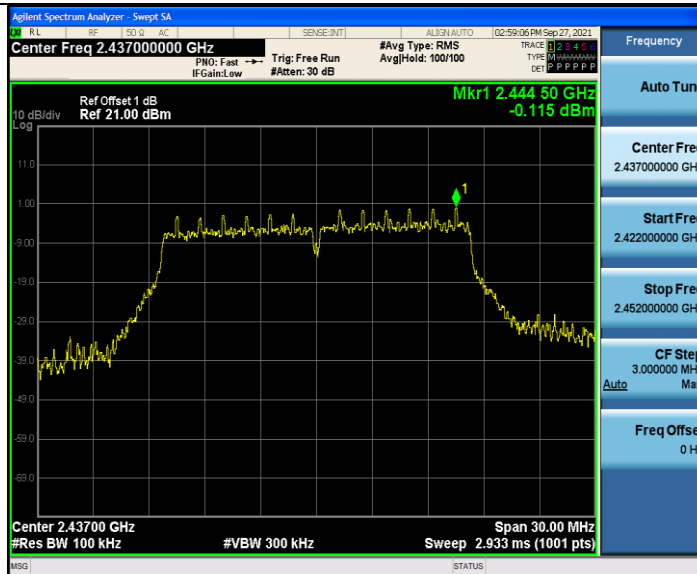
11G 2412 30~1000



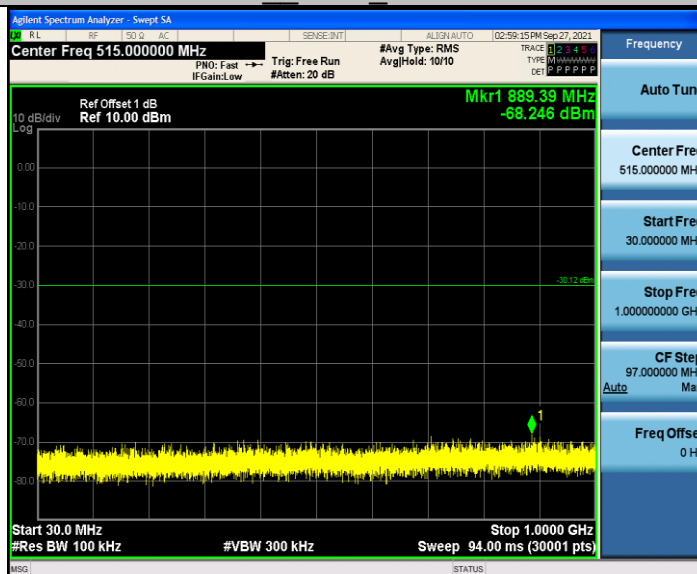
11G 2412 1000~26500



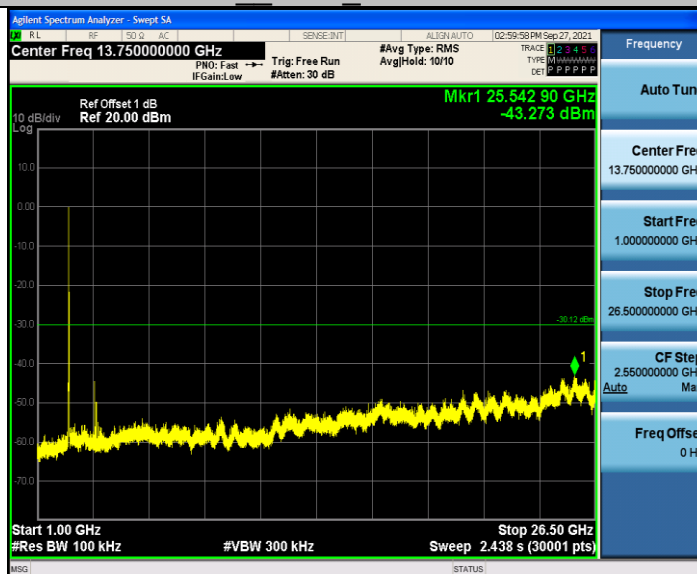
11G 2437 0~Reference



11G 2437 30~1000



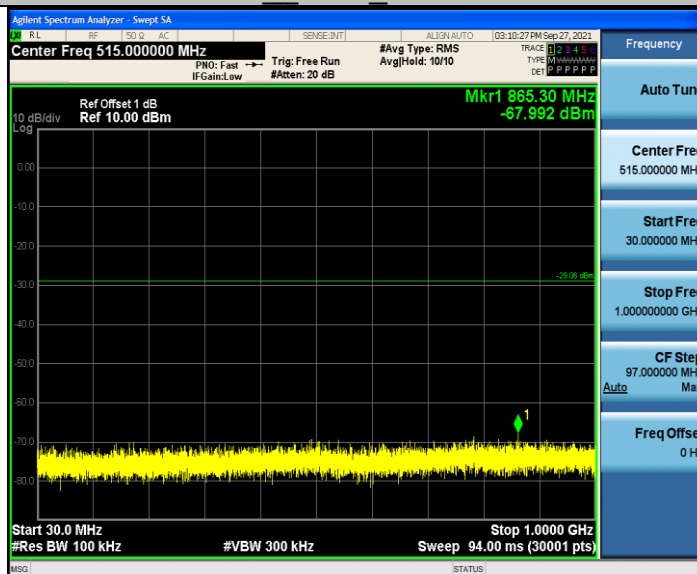
11G 2437 1000~26500



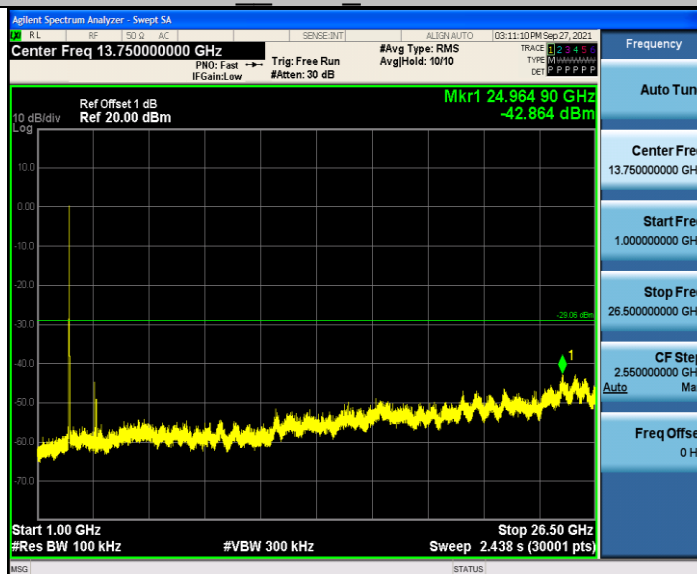
11G 2462 0~Reference



11G 2462 30~1000



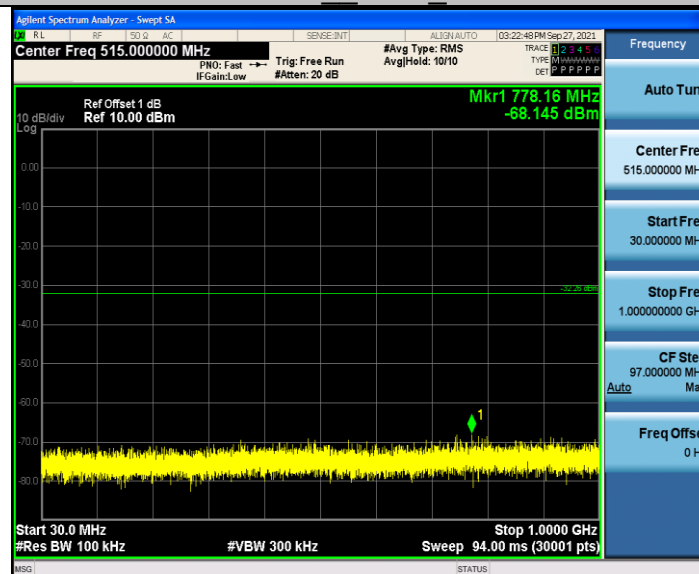
11G 2462 1000~26500



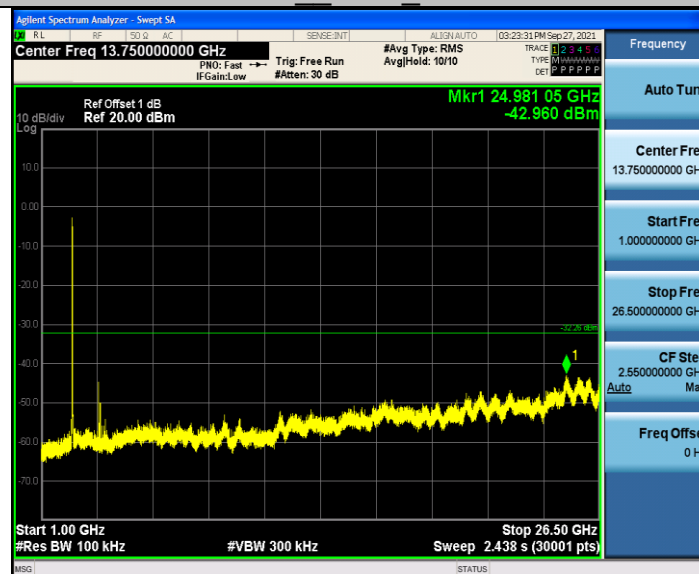
11N20SISO 2412 0~Reference



11N20SISO 2412 30~1000



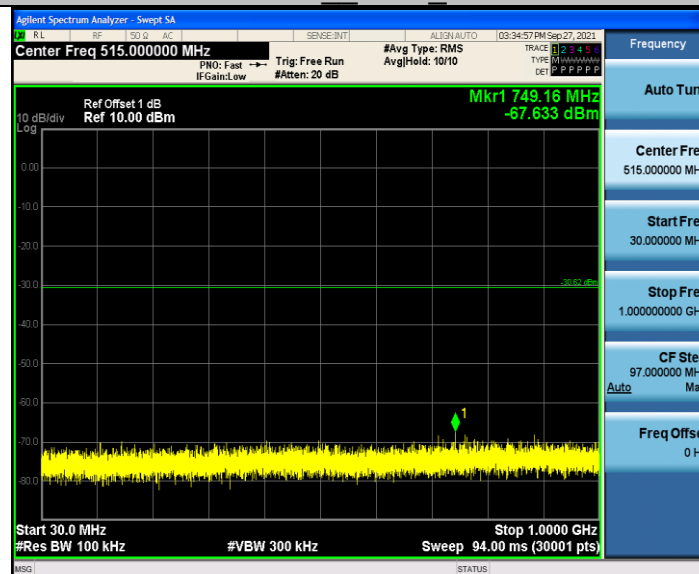
11N20SISO 2412 1000~26500



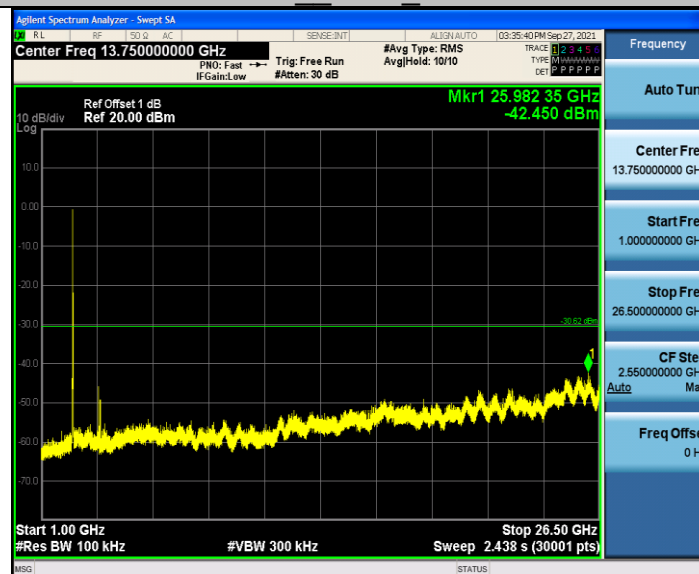
11N20SISO 2437 0~Reference



11N20SISO 2437 30~1000



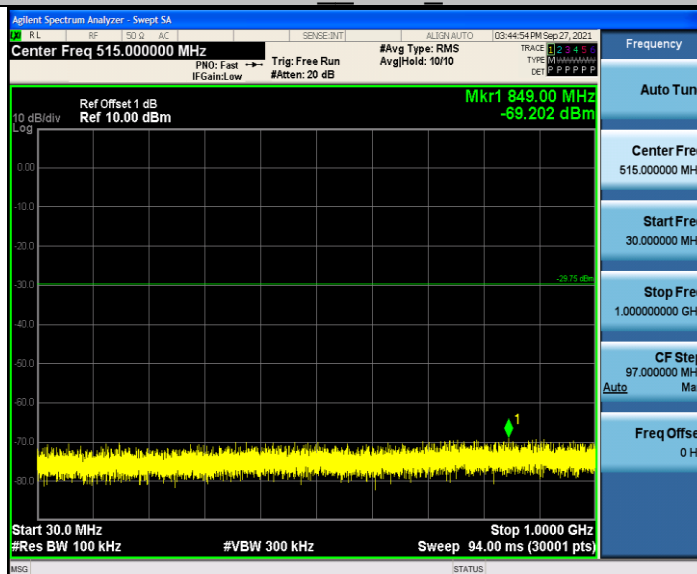
11N20SISO 2437 1000~26500



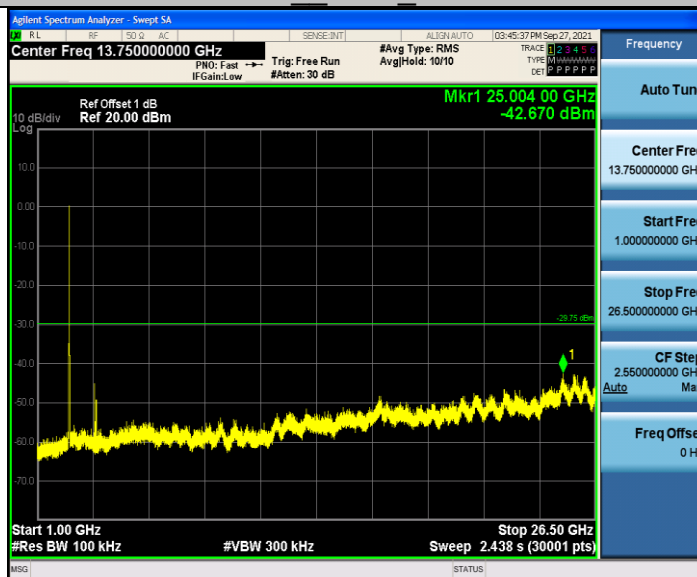
11N20SISO 2462 0~Reference



11N20SISO 2462 30~1000



11N20SISO 2462 1000~26500

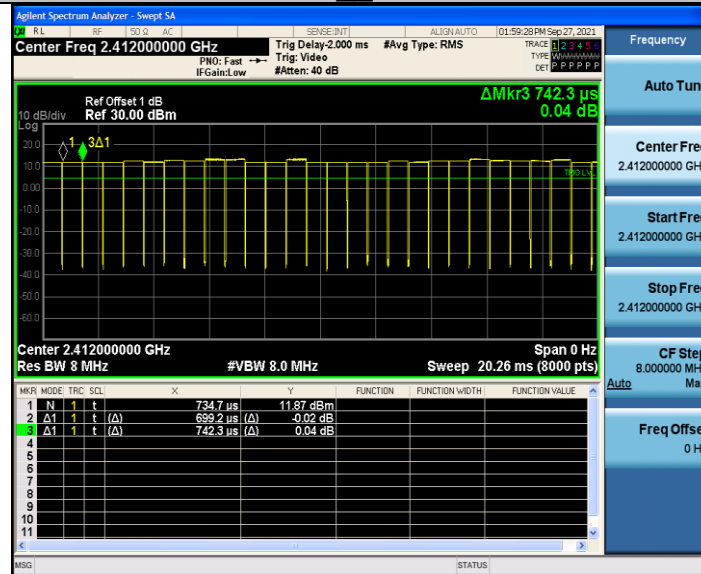


Duty Cycle

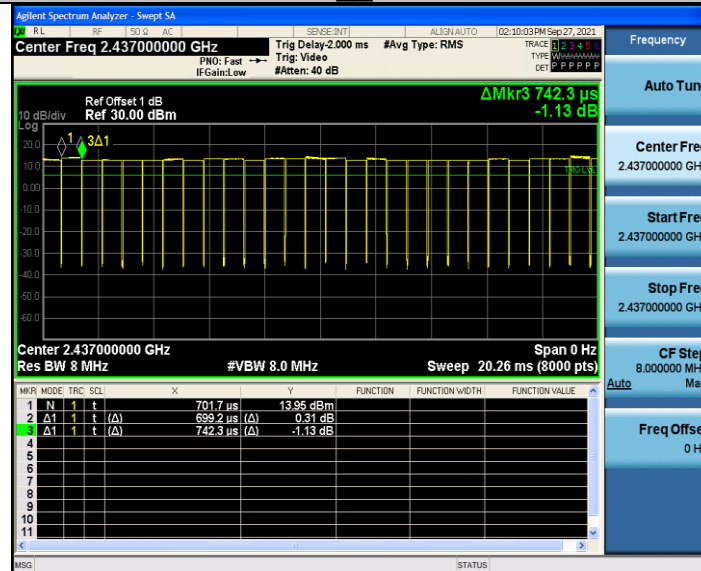
Test Result

Test Mode	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Correction Factor [dB]	Verdict
11B	2412	0.70	0.74	94.20	0.26	PASS
	2437	0.70	0.74	94.20	0.26	PASS
	2462	0.70	0.74	94.20	0.26	PASS
11G	2412	0.11	0.15	75.00	1.25	PASS
	2437	0.11	0.16	70.73	1.50	PASS
	2462	0.11	0.16	66.92	1.74	PASS
11N20SISO	2412	0.12	0.15	76.23	1.79	PASS
	2437	0.12	0.18	64.58	1.90	PASS
	2462	0.12	0.15	76.23	1.79	PASS

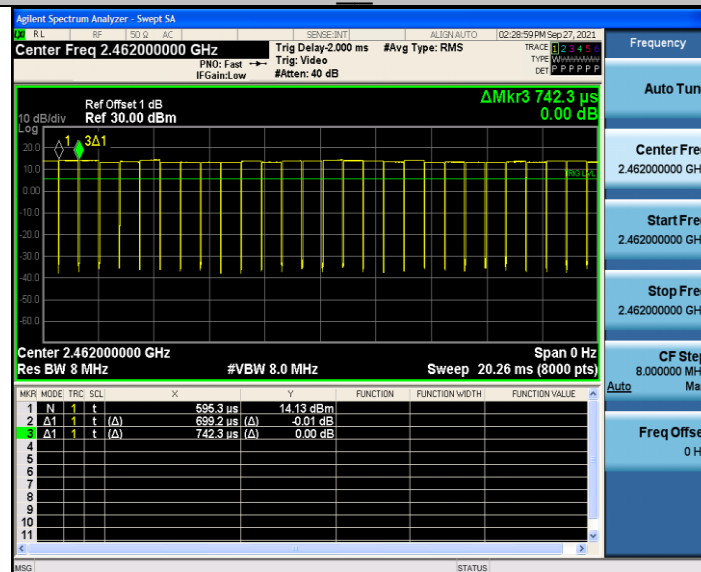
11B 2412



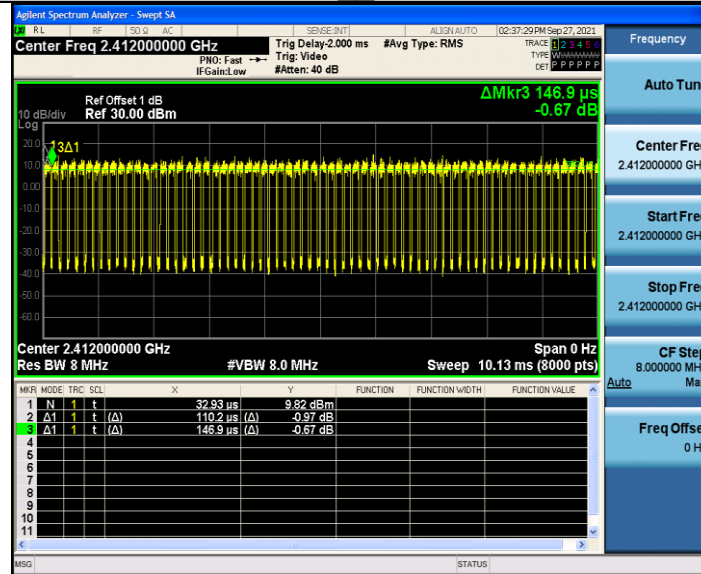
11B 2437



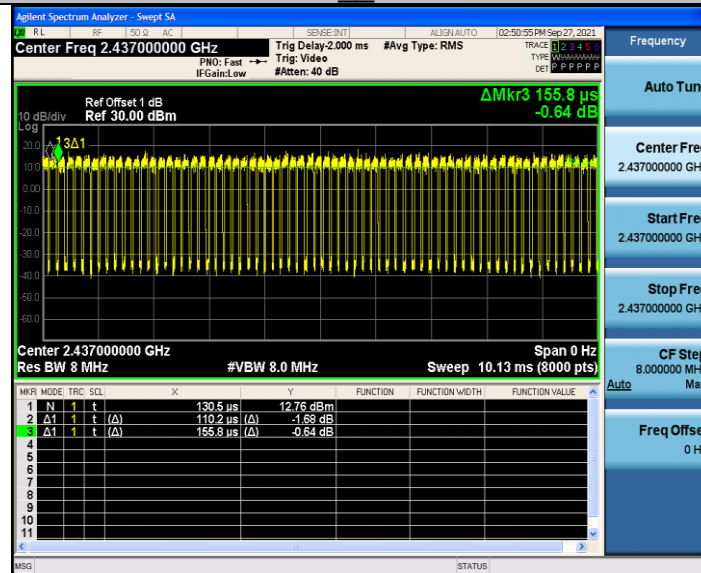
11B 2462



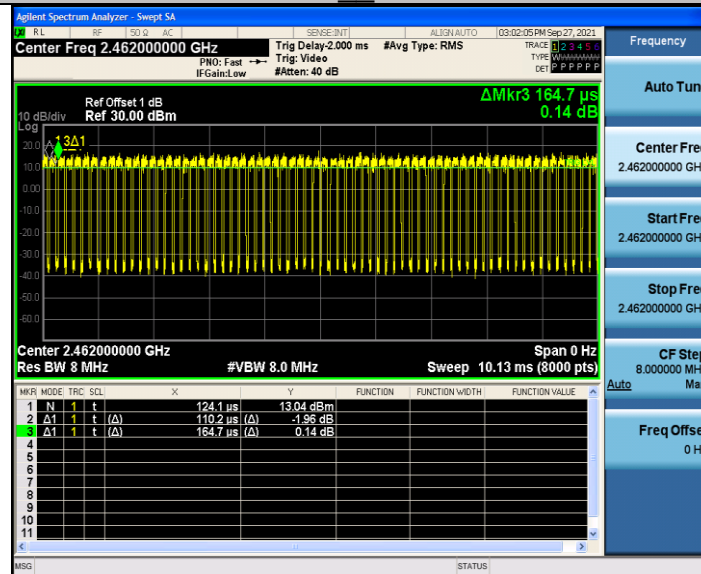
11G 2412



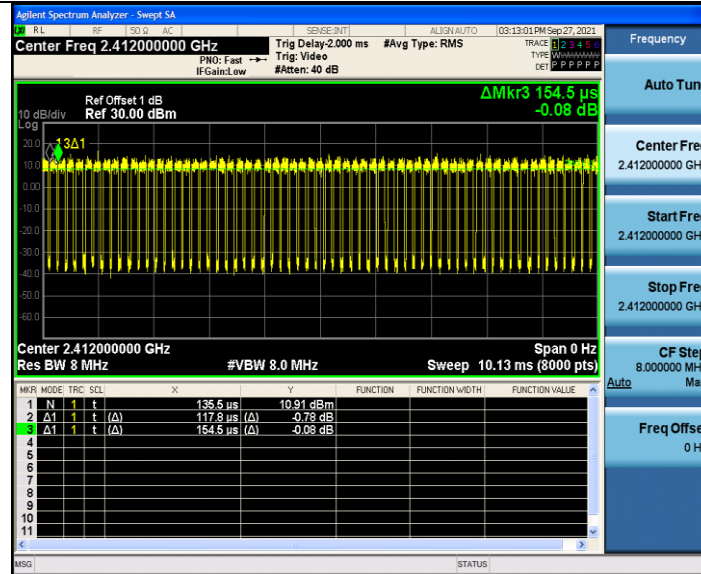
11G 2437



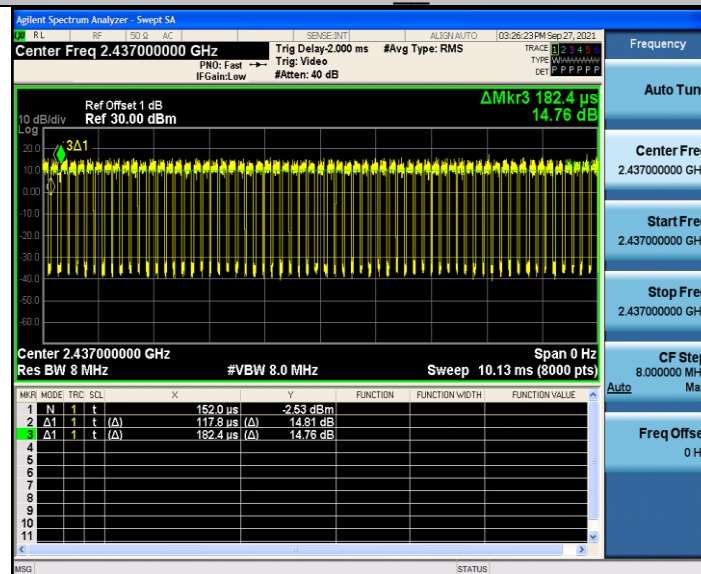
11G 2462



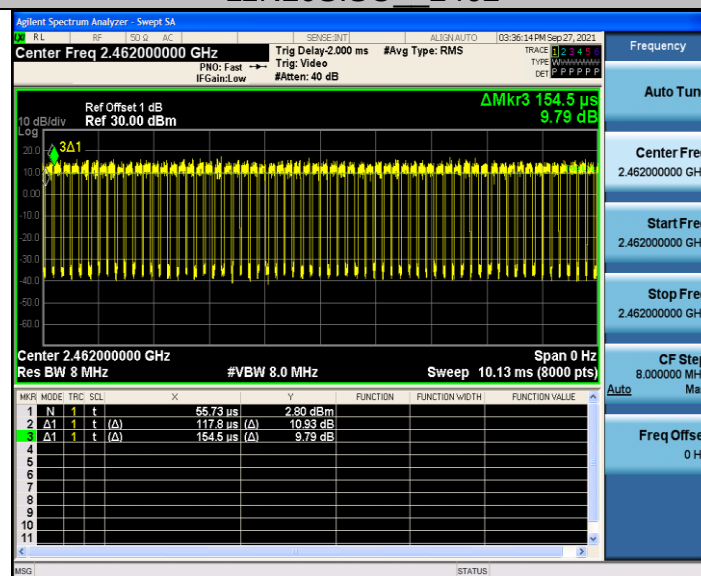
11N20SISO 2412



11N20SISO 2437



11N20SISO 2462



Appendix B: Photographs of Test Setup

Refer to the test report No. TCT210909E033

Appendix C: Photographs of EUT

Refer to the test report No. TCT210909E033

*******END OF REPORT*******