

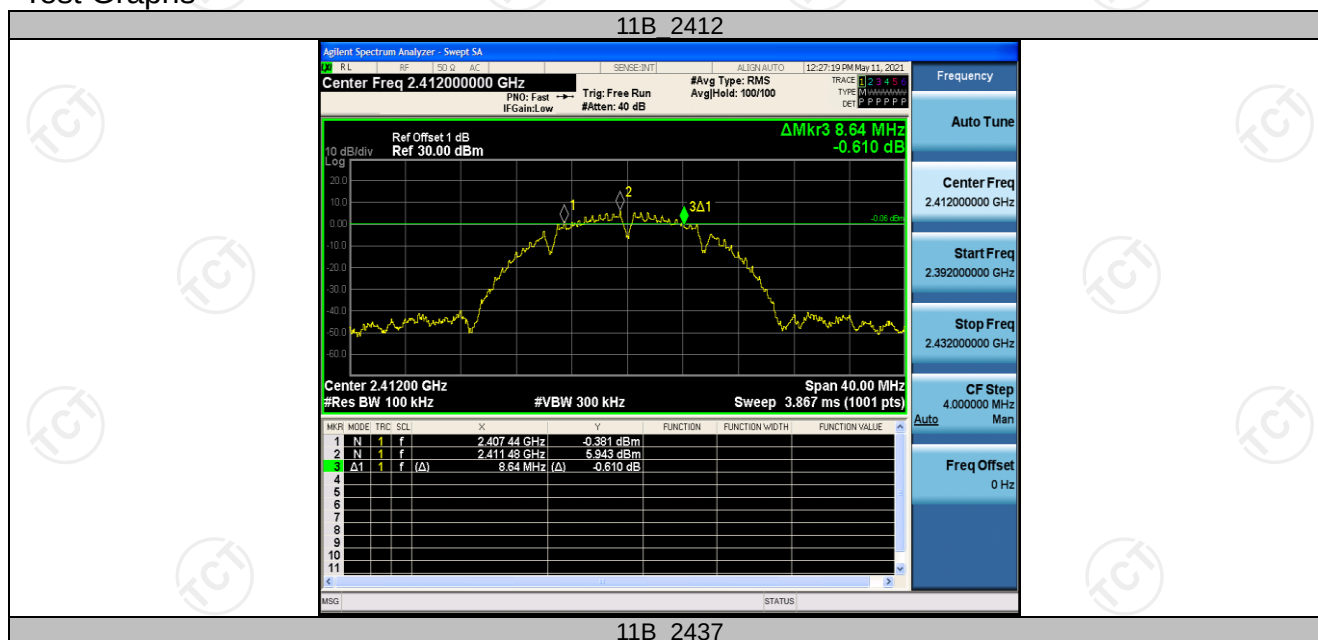
Antenna 2

DTS Bandwidth

Test Result

Test Mode	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	2412	8.640	2407.440	2416.080	0.5	PASS
	2437	8.600	2432.480	2441.080	0.5	PASS
	2462	8.640	2457.920	2466.560	0.5	PASS
11G	2412	15.720	2404.040	2419.760	0.5	PASS
	2437	15.640	2429.200	2444.840	0.5	PASS
	2462	16.160	2453.800	2469.960	0.5	PASS
11N20SISO	2412	16.520	2403.800	2420.320	0.5	PASS
	2437	17.360	2428.440	2445.800	0.5	PASS
	2462	17.360	2453.200	2470.560	0.5	PASS
11N40SISO	2422	35.840	2404.400	2440.240	0.5	PASS
	2437	35.600	2419.400	2455.000	0.5	PASS
	2452	35.200	2434.400	2469.600	0.5	PASS

Test Graphs





11B 2462



11G 2412



11G 2437



11G_2462



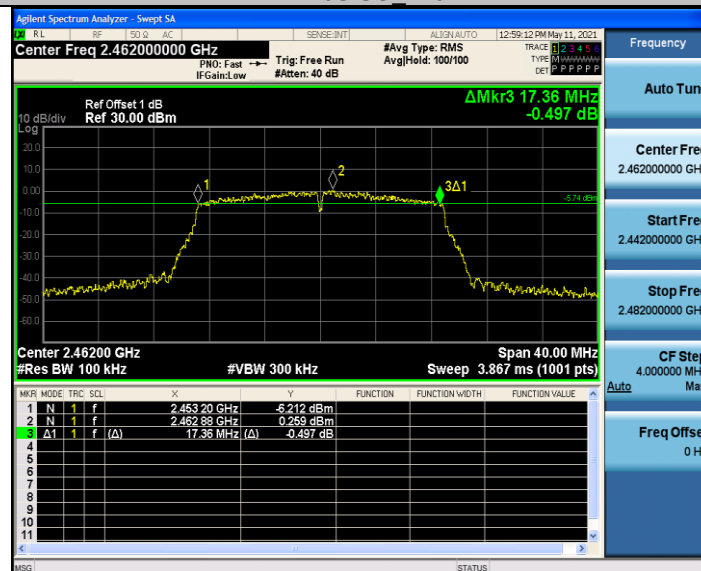
11N20SISO_2412



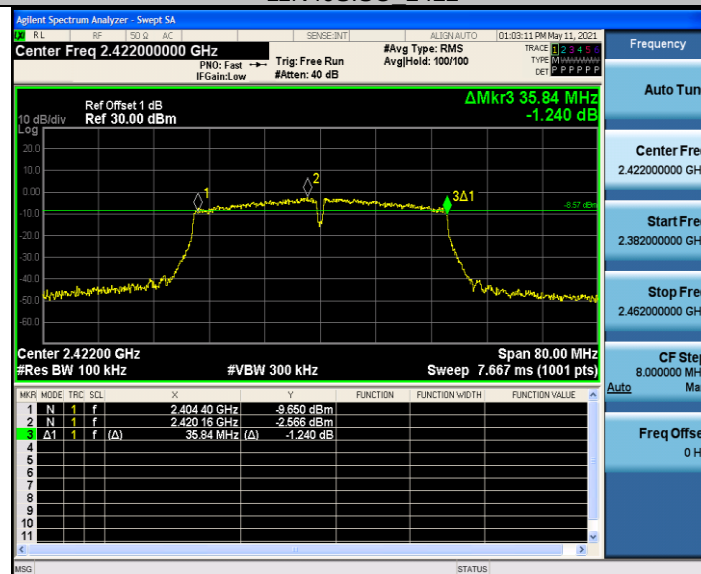
11N20SISO_2437



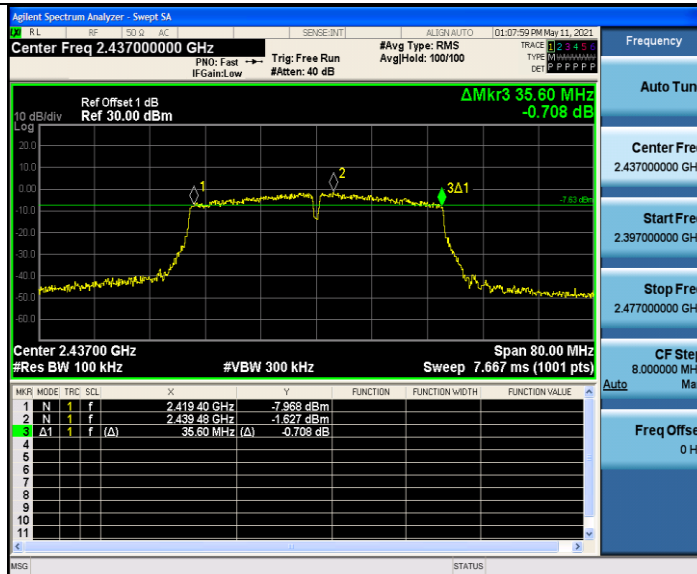
11N20SISO 2462



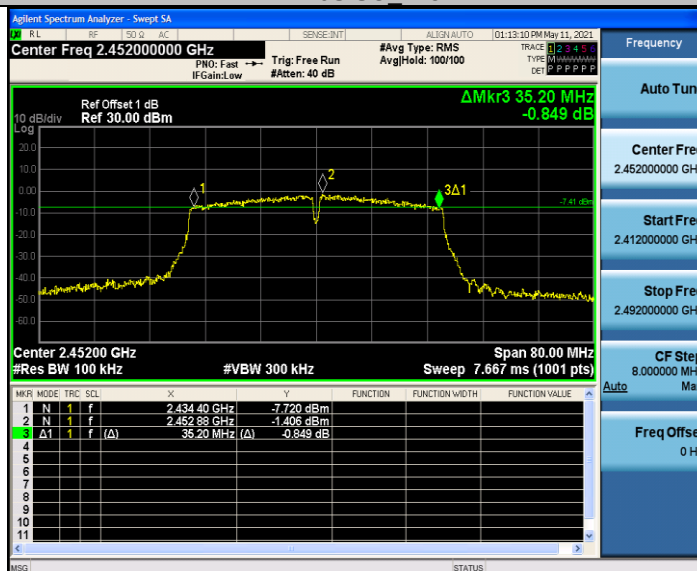
11N40SISO 2422



11N40SISO 2437



11N40SISO 2452



Maximum conducted output power

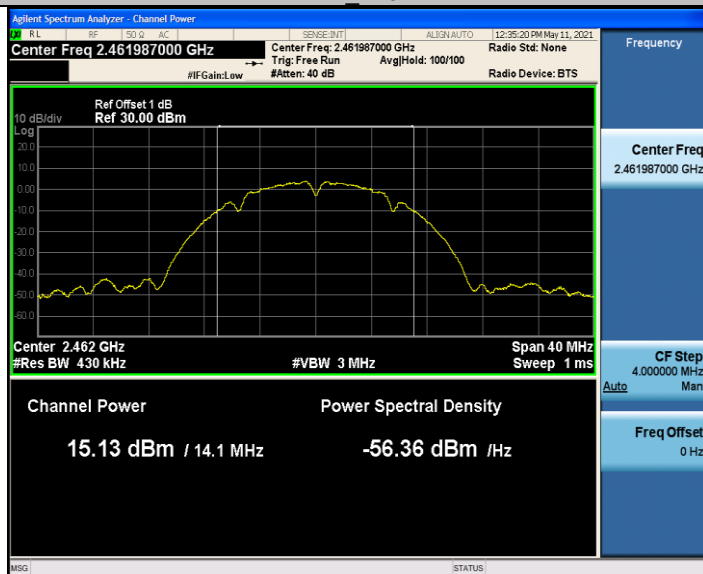
Test Result

Test Mode	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	2412	14.67	<=30	PASS
	2437	16.23	<=30	PASS
	2462	15.13	<=30	PASS
11G	2412	15.02	<=30	PASS
	2437	14.93	<=30	PASS
	2462	13.91	<=30	PASS
11N20SISO	2412	13.54	<=30	PASS
	2437	14.27	<=30	PASS
	2462	13.27	<=30	PASS
11N40SISO	2422	13.33	<=30	PASS
	2437	14.20	<=30	PASS
	2452	14.25	<=30	PASS

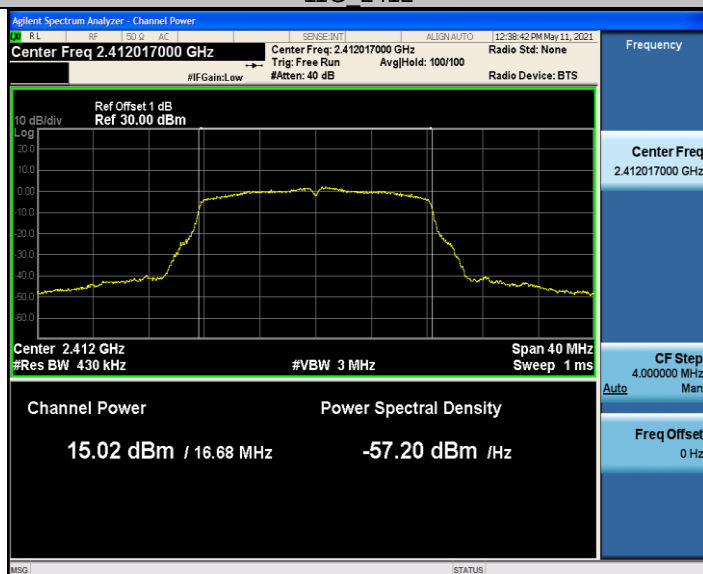
Test Graphs



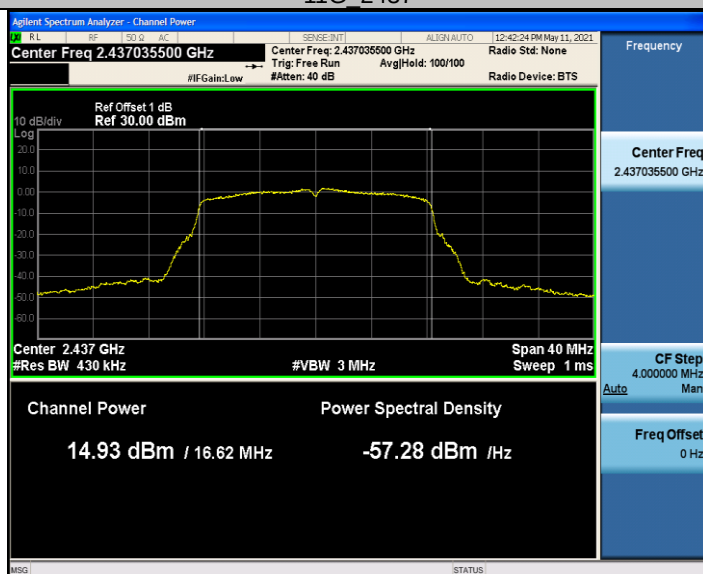
11B 2462



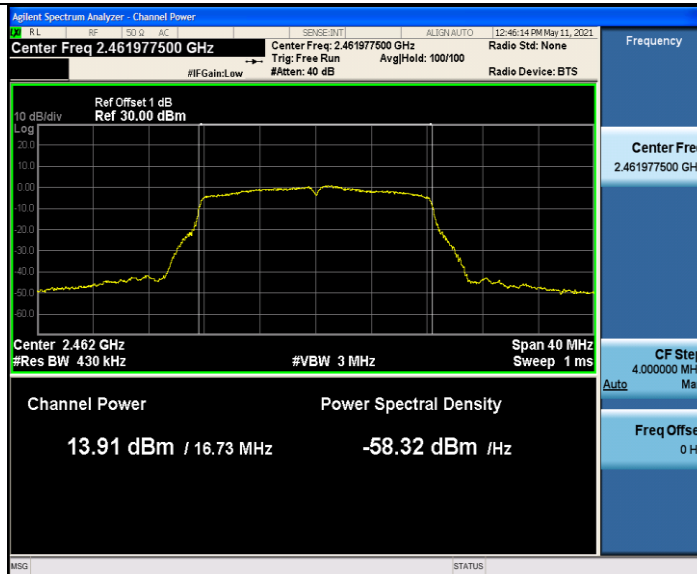
11G 2412



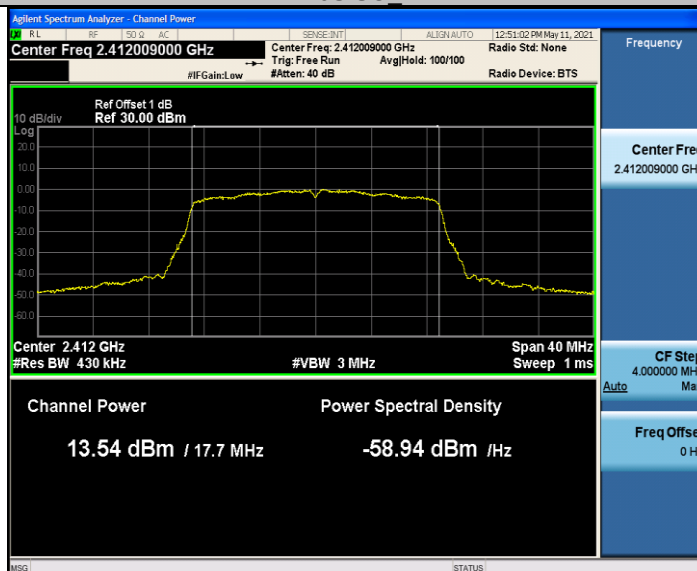
11G 2437



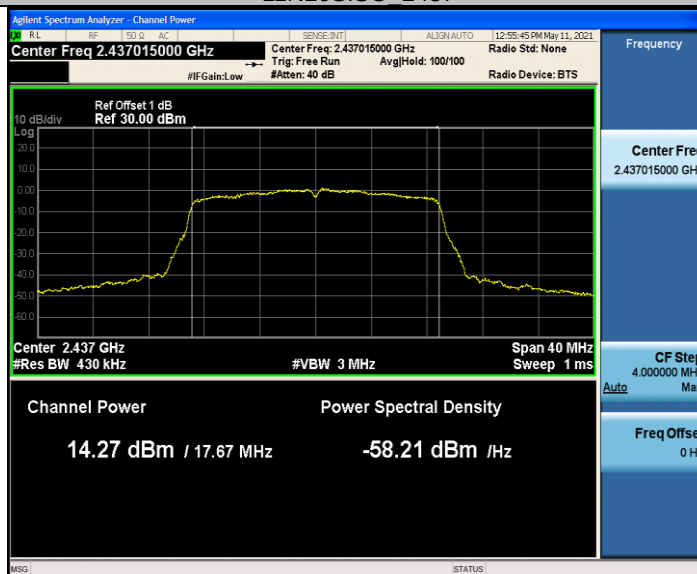
11G 2462



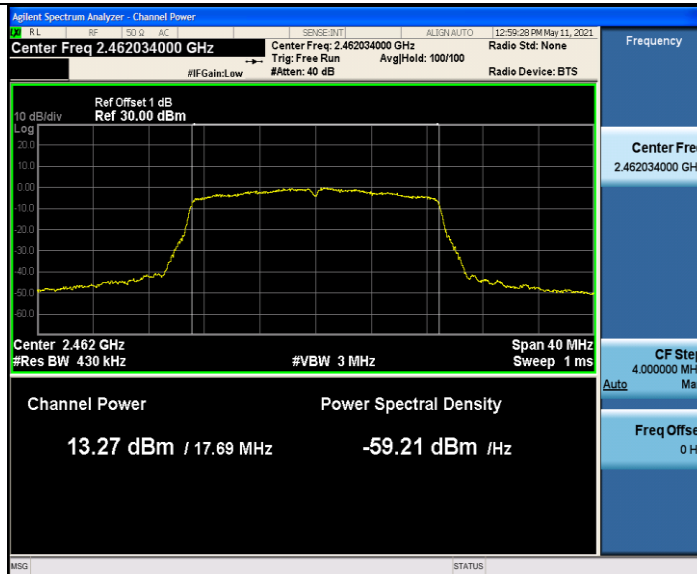
11N20SISO_2412



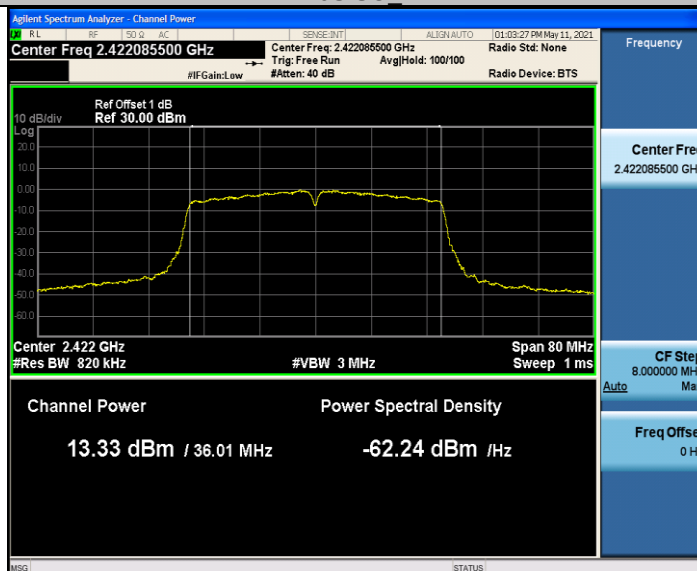
11N20SISO_2437



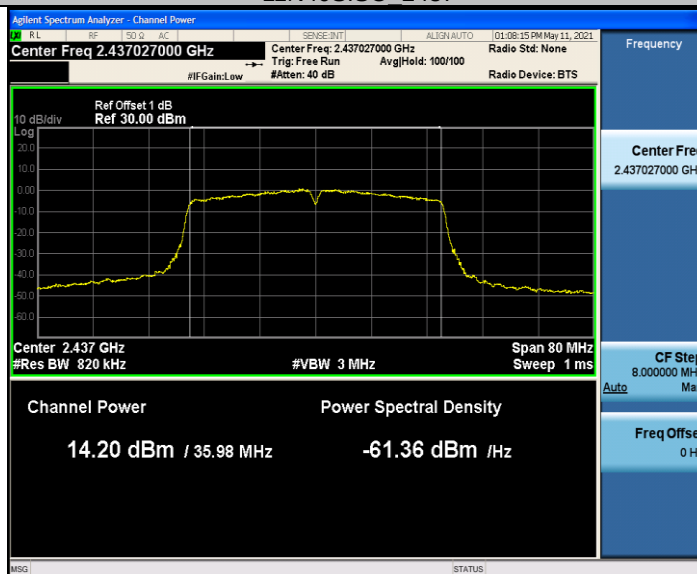
11N20SISO_2462



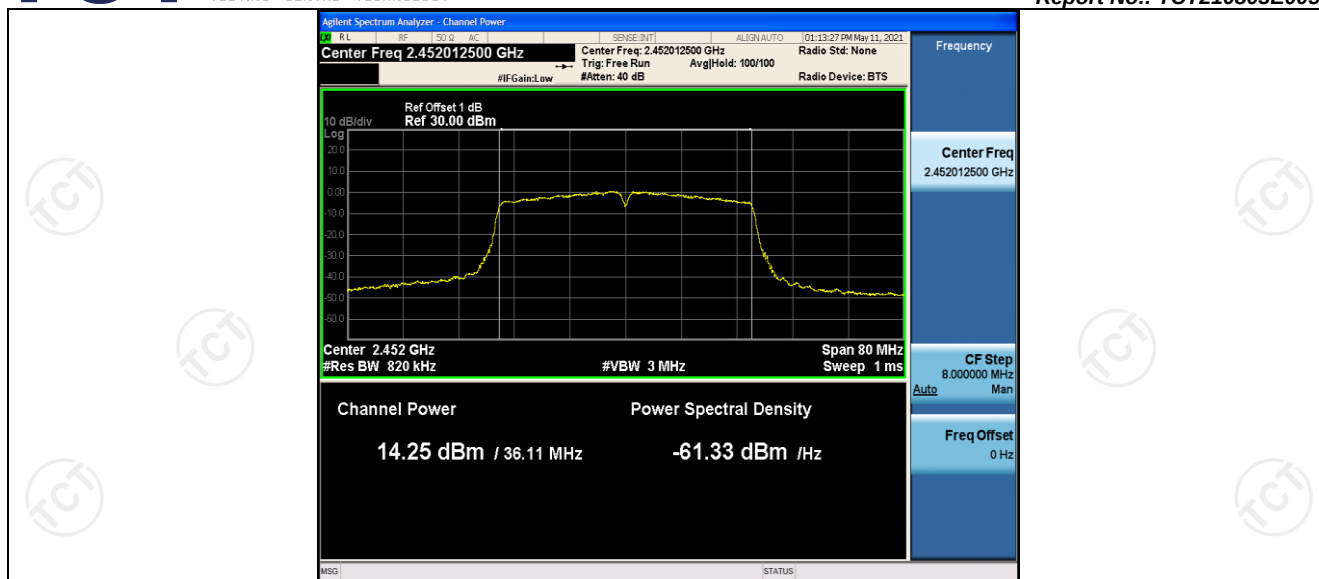
11N40SISO_2422



11N40SISO_2437



11N40SISO_2452



Maximum power spectral density

Test Result

Test Mode	Channel	Result[dBm/10kHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	-11.69	-16.92	<=8	PASS
	2437	-10.10	-15.33	<=8	PASS
	2462	-11.33	-16.56	<=8	PASS
11G	2412	-12.57	-17.80	<=8	PASS
	2437	-11.92	-17.15	<=8	PASS
	2462	-13.58	-18.81	<=8	PASS
11N20SISO	2412	-13.49	-18.72	<=8	PASS
	2437	-13.42	-18.65	<=8	PASS
	2462	-14.20	-19.43	<=8	PASS
11N40SISO	2422	-17.34	-22.57	<=8	PASS
	2437	-16.51	-21.74	<=8	PASS
	2452	-16.39	-21.62	<=8	PASS

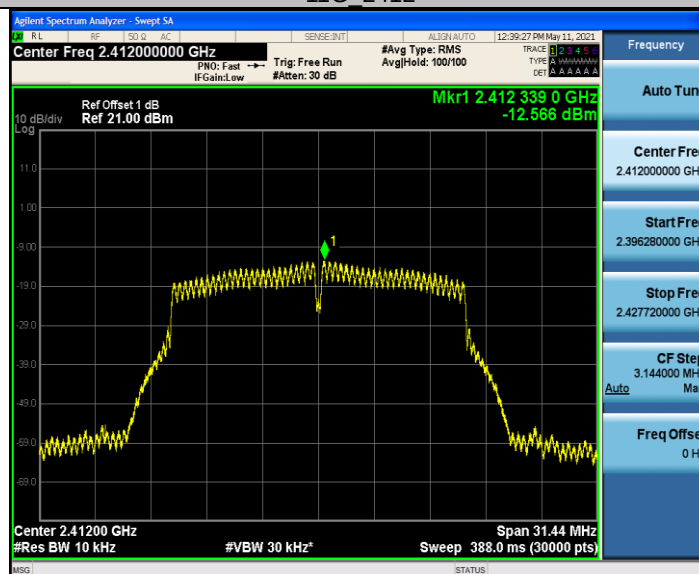
Test Graphs



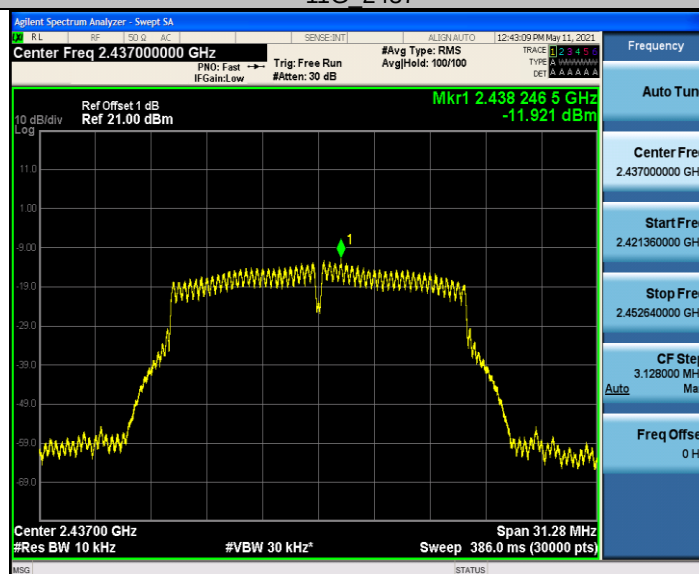
11B 2462



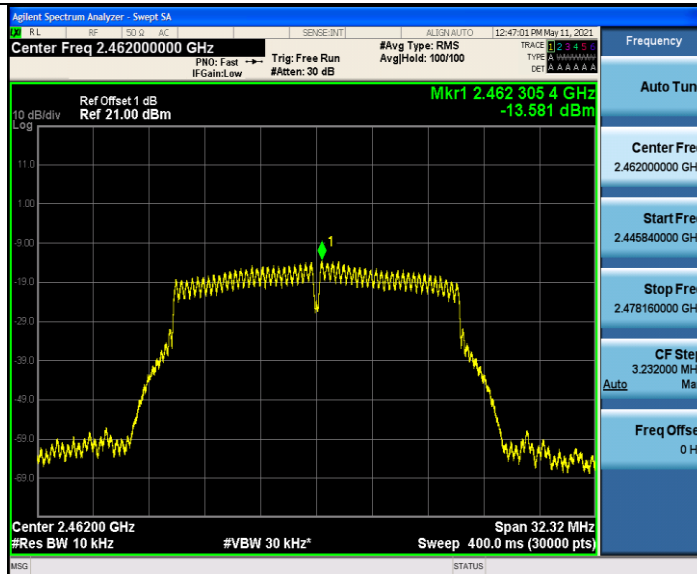
11G 2412



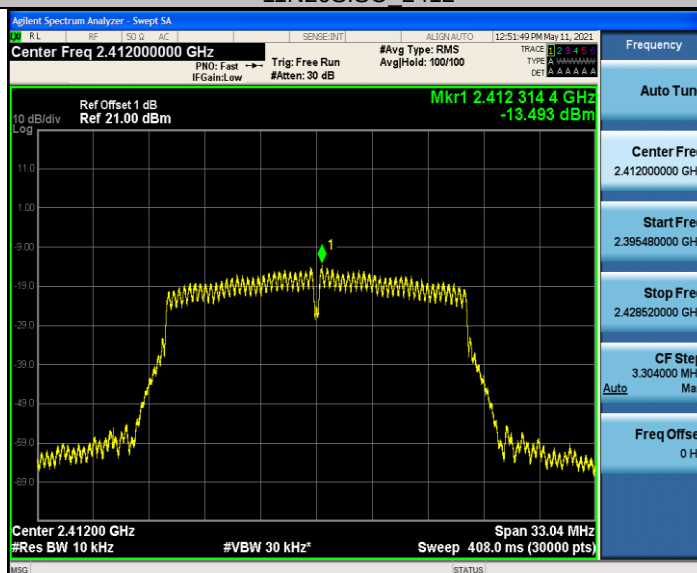
11G 2437



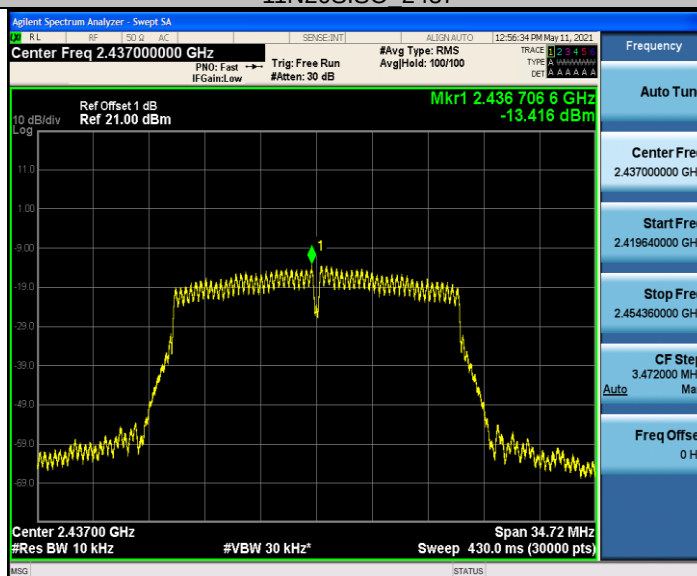
11G 2462



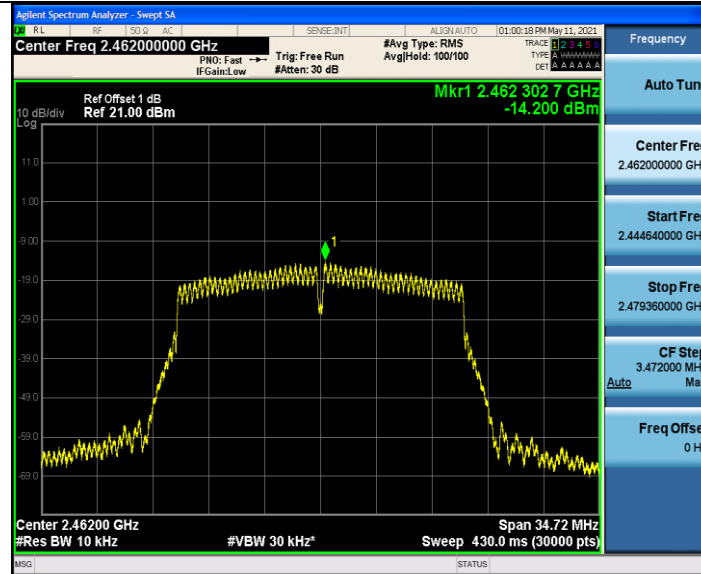
11N20SISO_2412



11N20SISO_2437



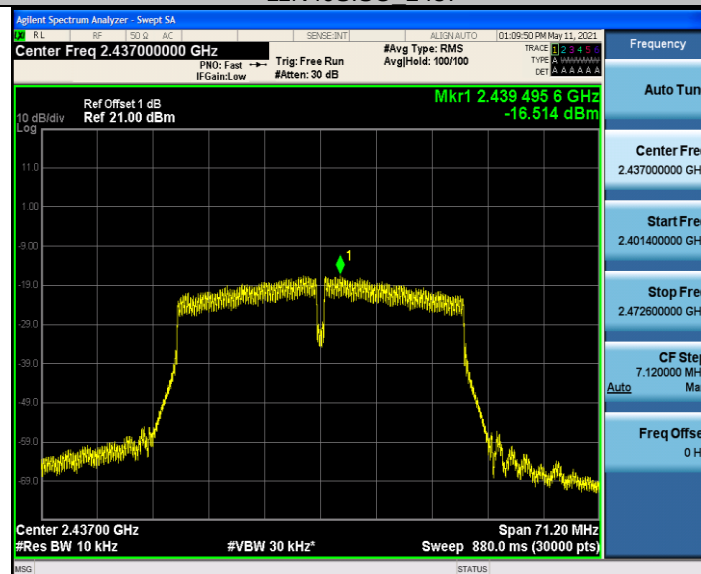
11N20SISO_2462



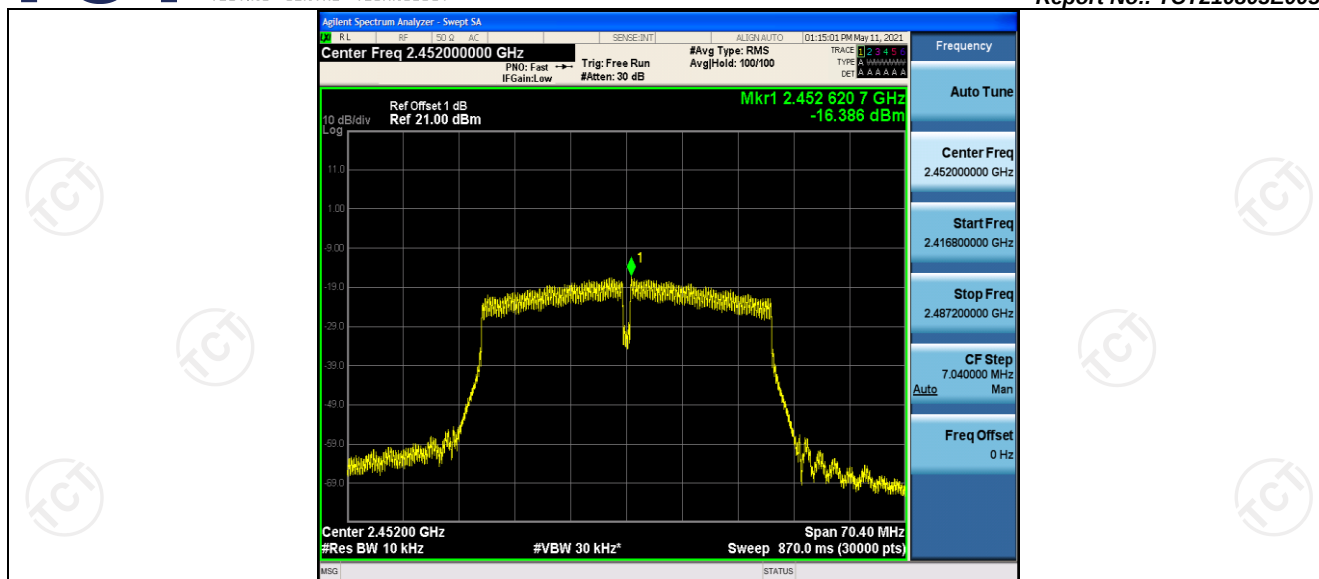
11N40SISO_2422



11N40SISO_2437



11N40SISO_2452

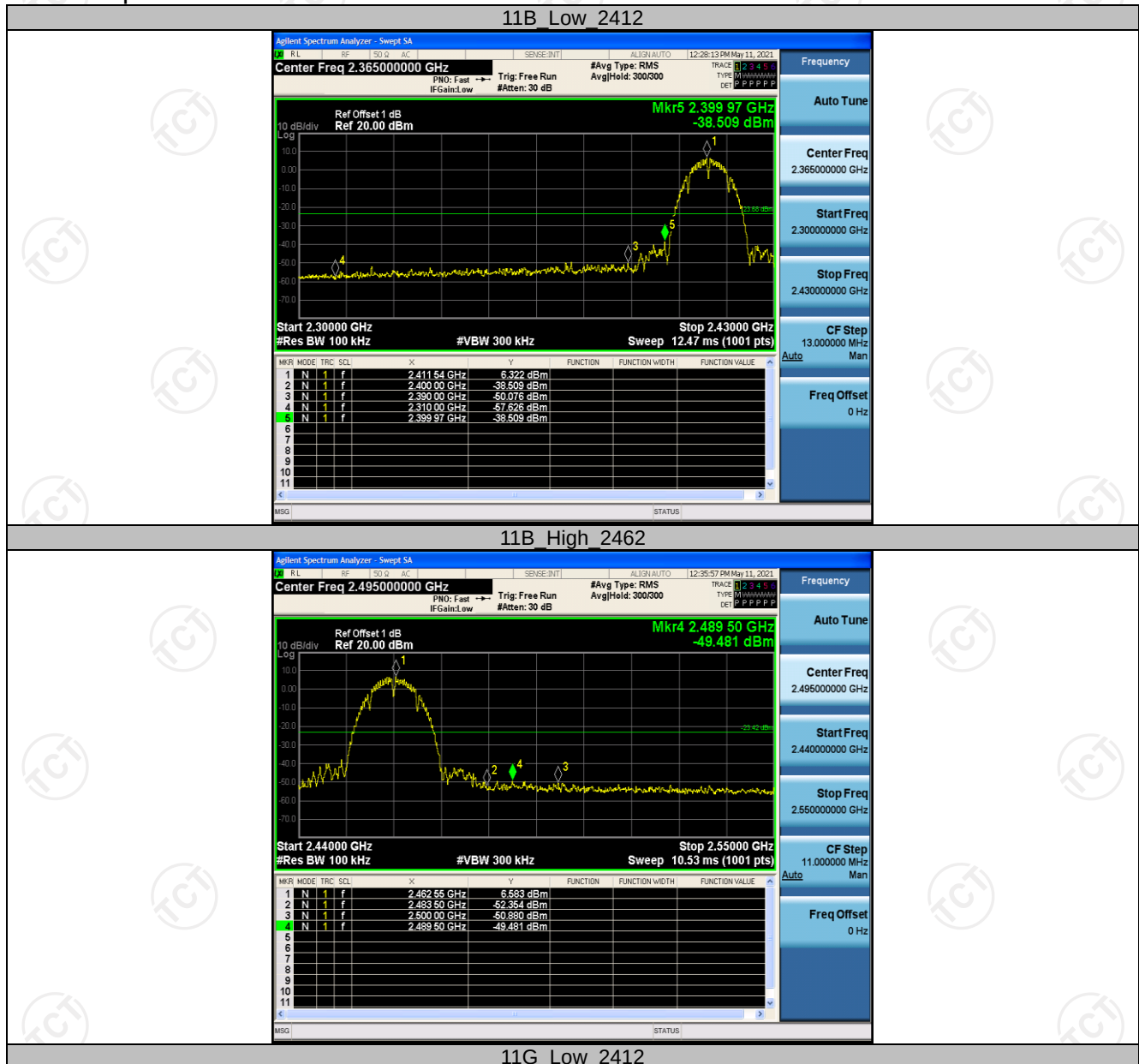


Band edge measurements

Test Result

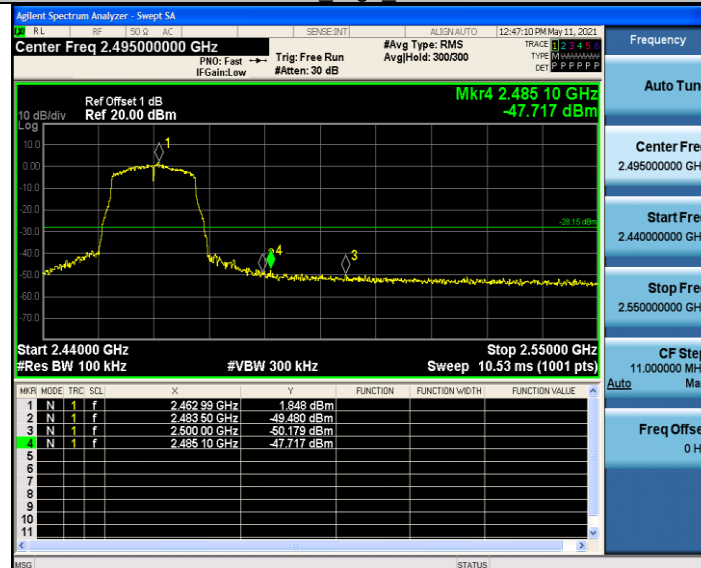
Test Mode	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Low	2412	6.32	-38.51	<=-23.68	PASS
	High	2462	6.58	-49.48	<=-23.42	PASS
11G	Low	2412	2.57	-37.03	<=-27.43	PASS
	High	2462	1.85	-47.72	<=-28.15	PASS
11N20SISO	Low	2412	0.37	-37.26	<=-29.63	PASS
	High	2462	1.08	-49.15	<=-28.92	PASS
11N40SISO	Low	2422	-2.45	-39.67	<=-32.45	PASS
	High	2452	-1.45	-46.99	<=-31.45	PASS

Test Graphs

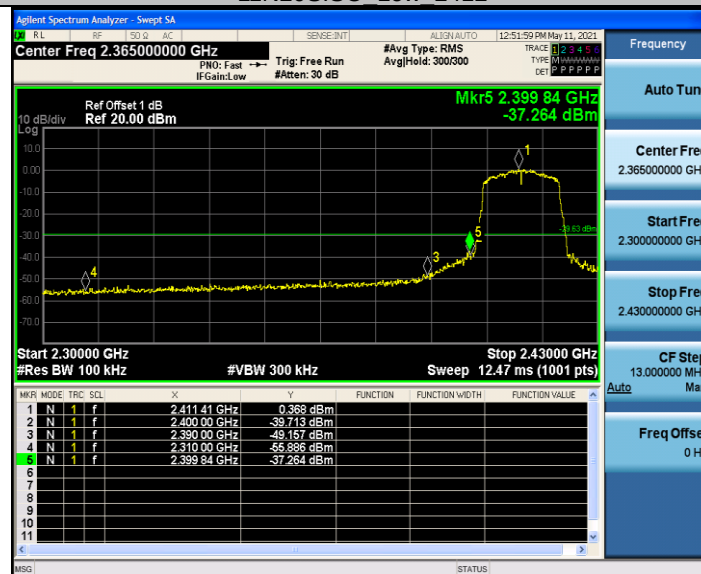




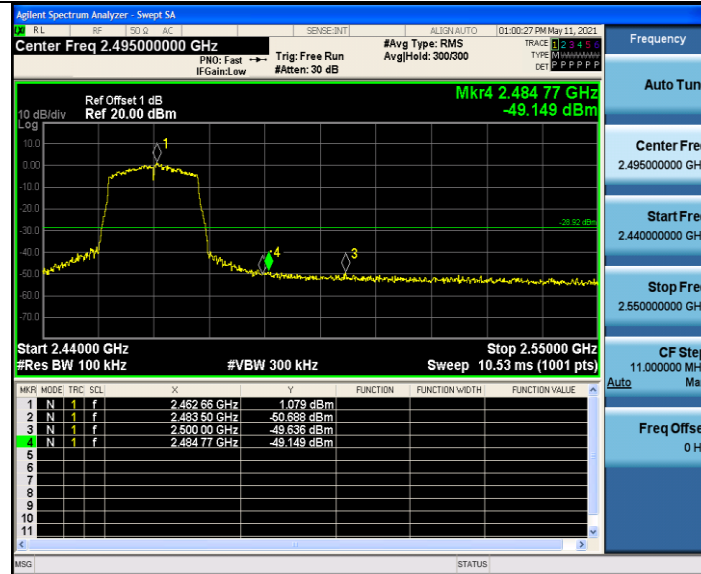
11G_High_2462



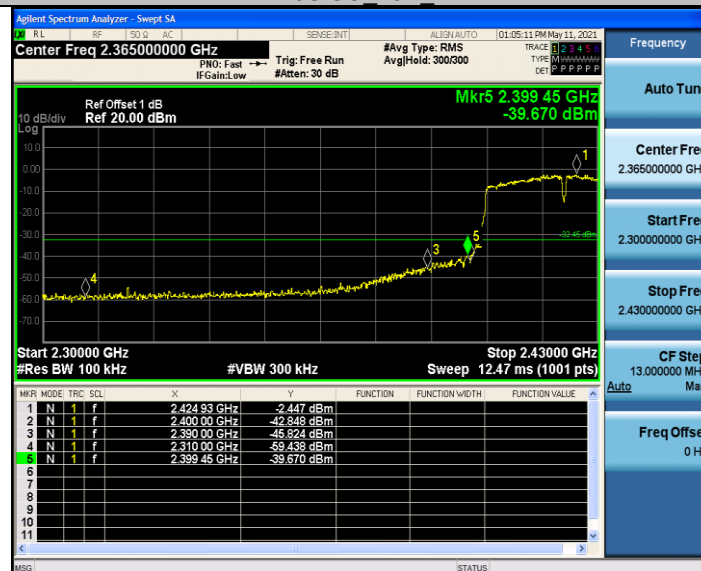
11N20SISO_Low_2412



11N20SISO_High_2462



11N40SISO Low 2422



11N40SISO High 2452



Conducted Spurious Emission

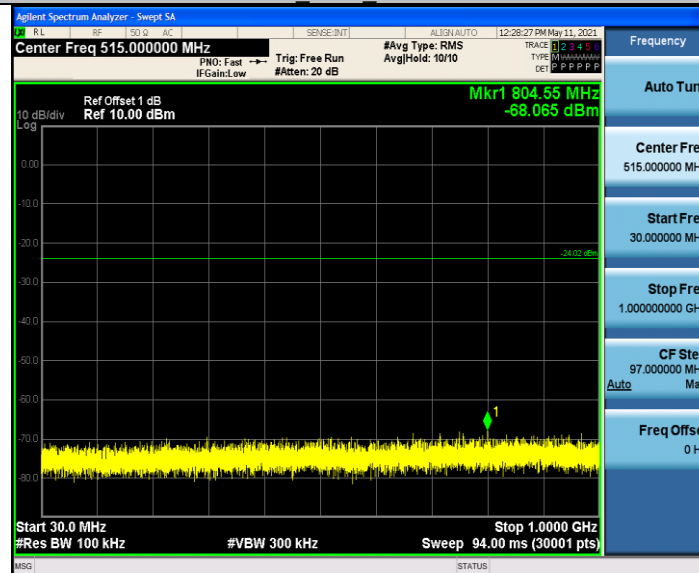
Test Result

Test Mode	Channel	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	2412	Reference	5.98	5.98	---	PASS
		30~1000	30~1000	-68.065	<=-24.023	PASS
		1000~26500	1000~26500	-41.492	<=-24.023	PASS
	2437	Reference	7.64	7.64	---	PASS
		30~1000	30~1000	-68.224	<=-22.365	PASS
		1000~26500	1000~26500	-42.927	<=-22.365	PASS
	2462	Reference	5.64	5.64	---	PASS
		30~1000	30~1000	-66.366	<=-24.364	PASS
		1000~26500	1000~26500	-42.701	<=-24.364	PASS
11G	2412	Reference	2.49	2.49	---	PASS
		30~1000	30~1000	-67.961	<=-27.508	PASS
		1000~26500	1000~26500	-42.985	<=-27.508	PASS
	2437	Reference	2.22	2.22	---	PASS
		30~1000	30~1000	-61.65	<=-27.777	PASS
		1000~26500	1000~26500	-42.482	<=-27.777	PASS
	2462	Reference	1.26	1.26	---	PASS
		30~1000	30~1000	-67.958	<=-28.737	PASS
		1000~26500	1000~26500	-42.982	<=-28.737	PASS
11N20SISO	2412	Reference	1.03	1.03	---	PASS
		30~1000	30~1000	-68.488	<=-28.973	PASS
		1000~26500	1000~26500	-43.204	<=-28.973	PASS
	2437	Reference	0.92	0.92	---	PASS
		30~1000	30~1000	-67.76	<=-29.082	PASS
		1000~26500	1000~26500	-42.141	<=-29.082	PASS
	2462	Reference	0.21	0.21	---	PASS
		30~1000	30~1000	-68.114	<=-29.787	PASS
		1000~26500	1000~26500	-42.108	<=-29.787	PASS
11N40SISO	2422	Reference	-2.57	-2.57	---	PASS
		30~1000	30~1000	-67.665	<=-32.569	PASS
		1000~26500	1000~26500	-42.731	<=-32.569	PASS
	2437	Reference	-1.29	-1.29	---	PASS
		30~1000	30~1000	-66.035	<=-31.285	PASS
		1000~26500	1000~26500	-42.94	<=-31.285	PASS
	2452	Reference	-1.53	-1.53	---	PASS
		30~1000	30~1000	-66.503	<=-31.534	PASS
		1000~26500	1000~26500	-42.633	<=-31.534	PASS

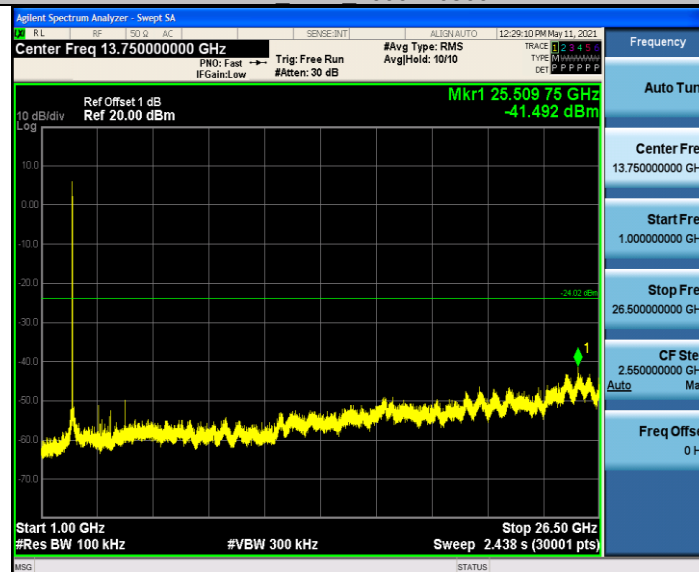
11B 2412 0~Reference



11B 2412 30~1000



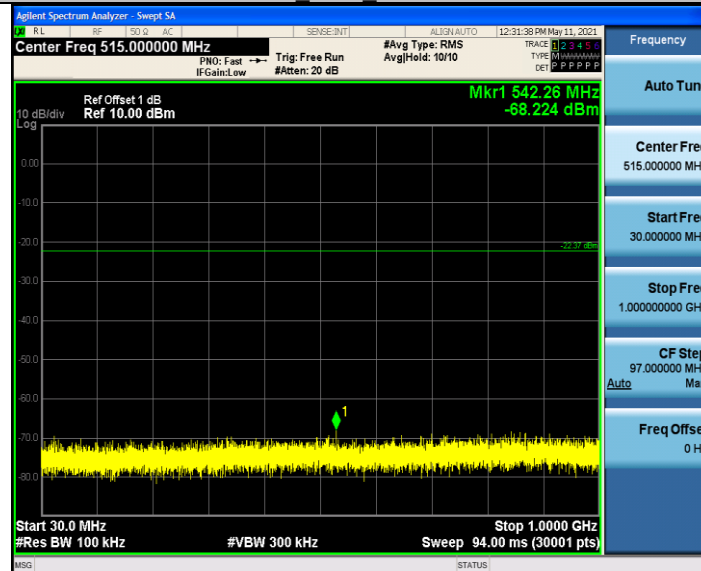
11B 2412 1000~26500



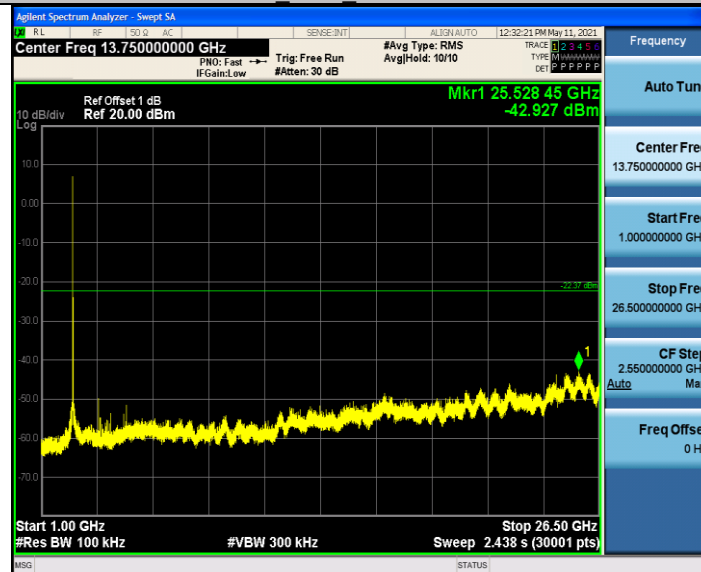
11B_2437_0-Reference



11B_2437_30~1000



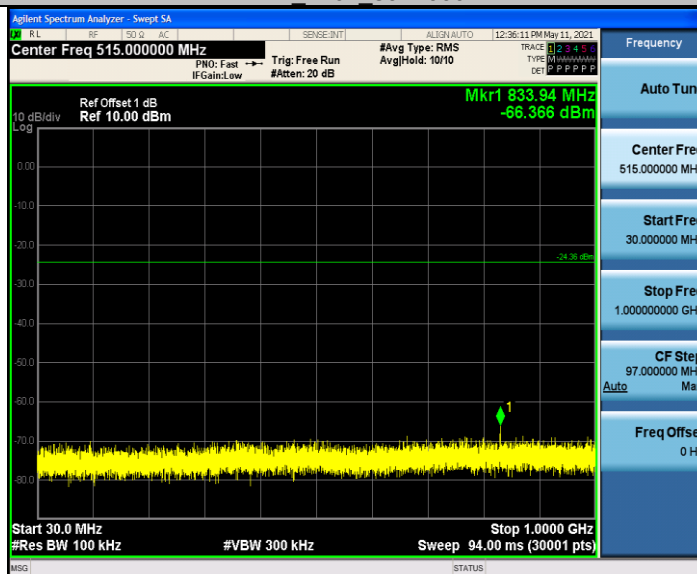
11B_2437_1000~26500



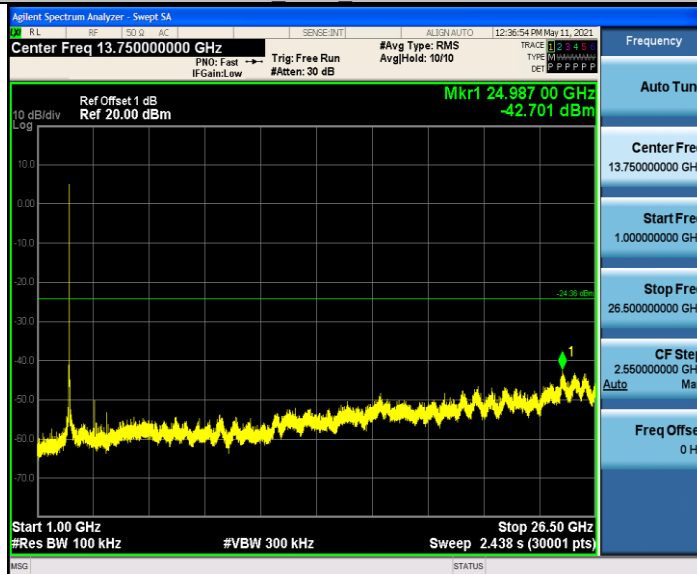
11B_2462_0-Reference



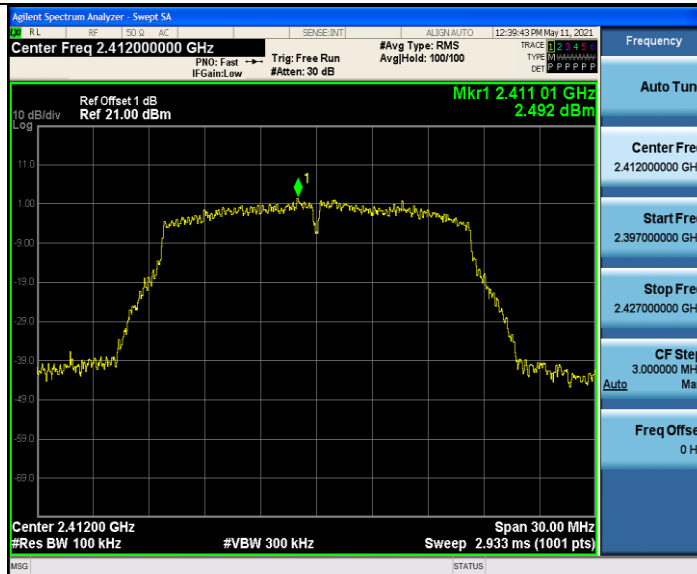
11B 2462 30~1000



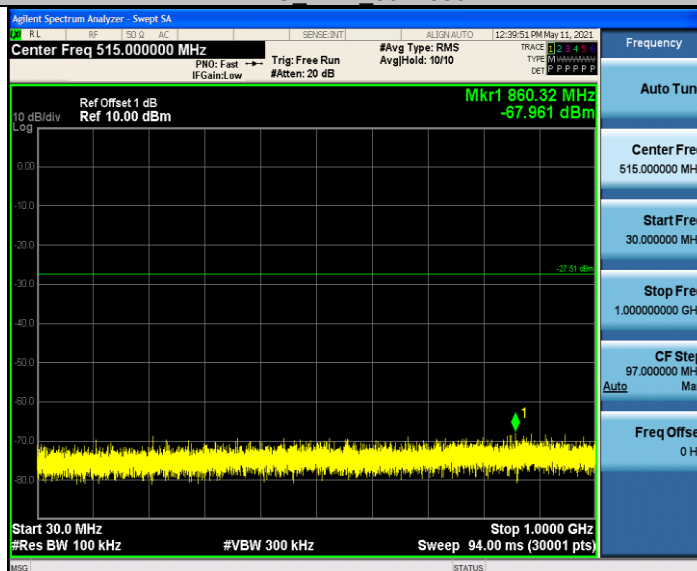
11B 2462 1000~26500



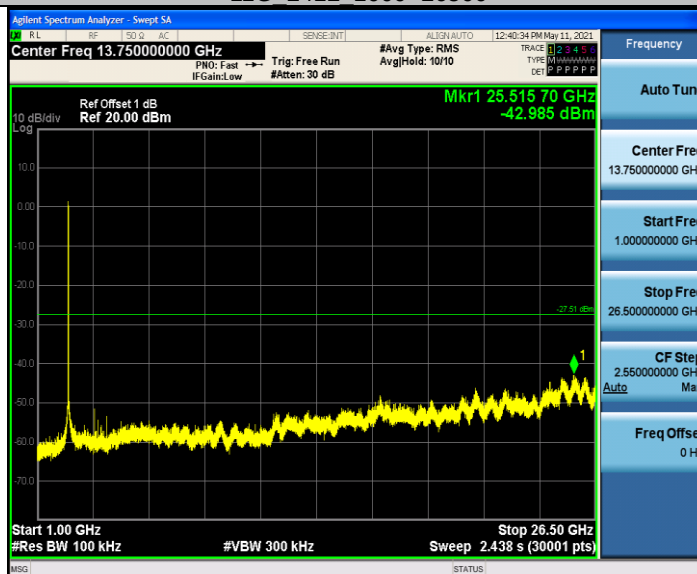
11G 2412 0~Reference



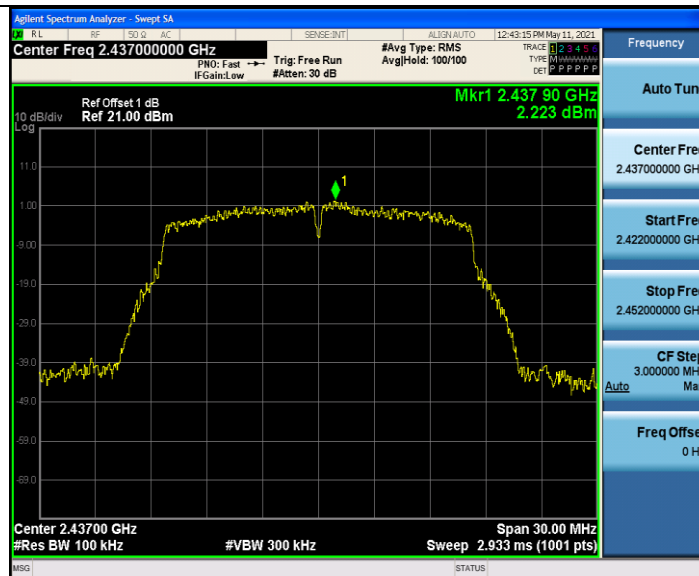
11G 2412 30~1000



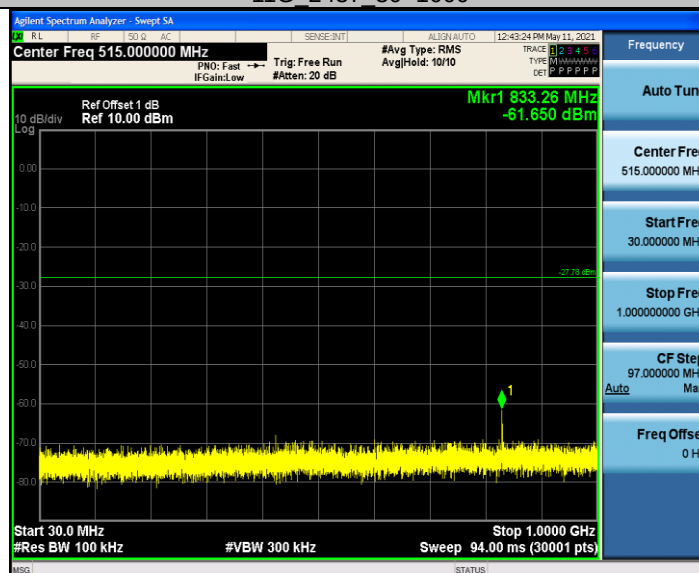
11G 2412 1000~26500



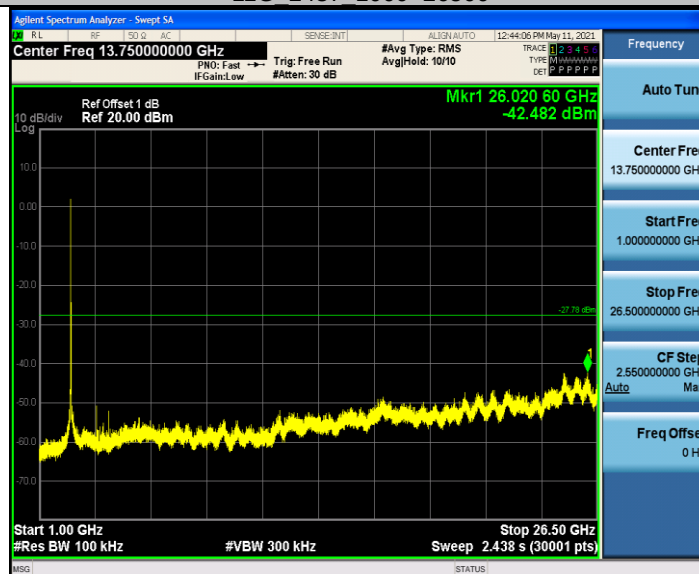
11G 2437 0~Reference



11G 2437 30~1000



11G 2437 1000~26500



11G 2462 0~Reference