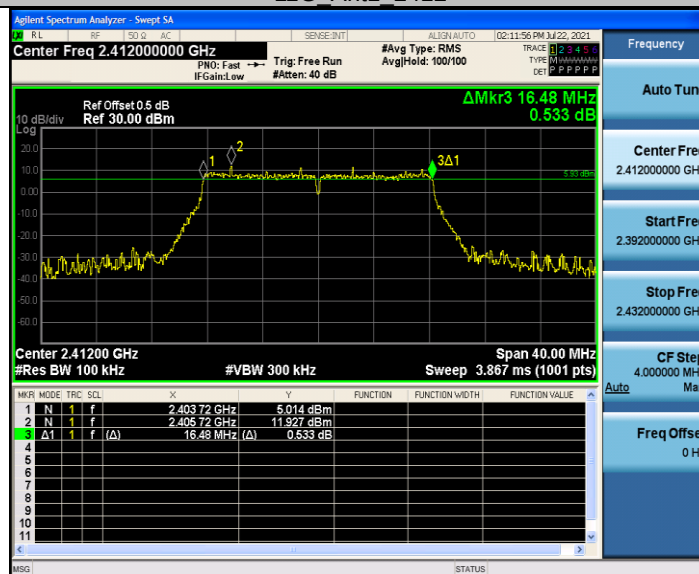




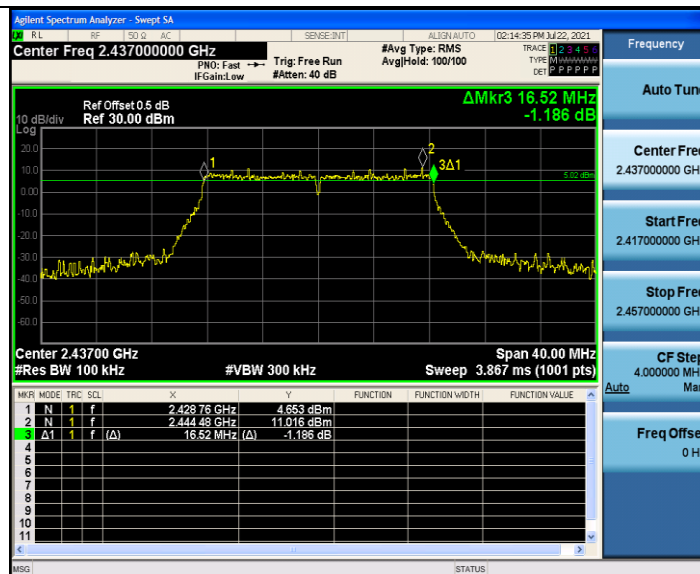
11B Ant1 2462



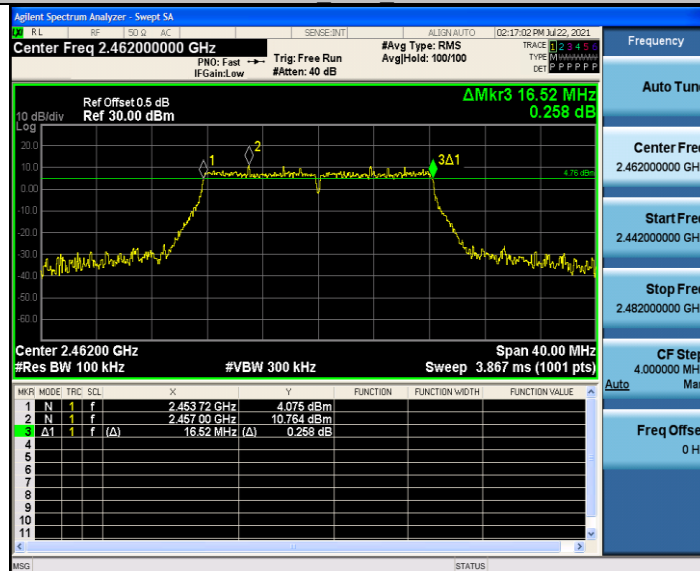
11G Ant1 2412



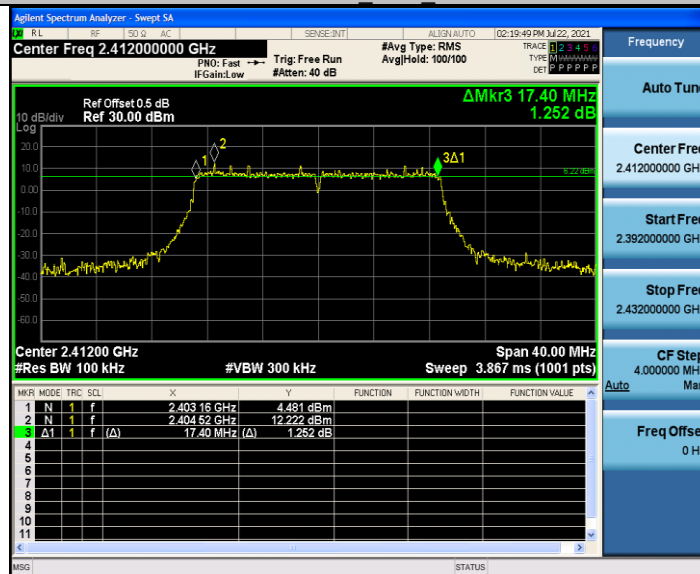
11G Ant1 2437



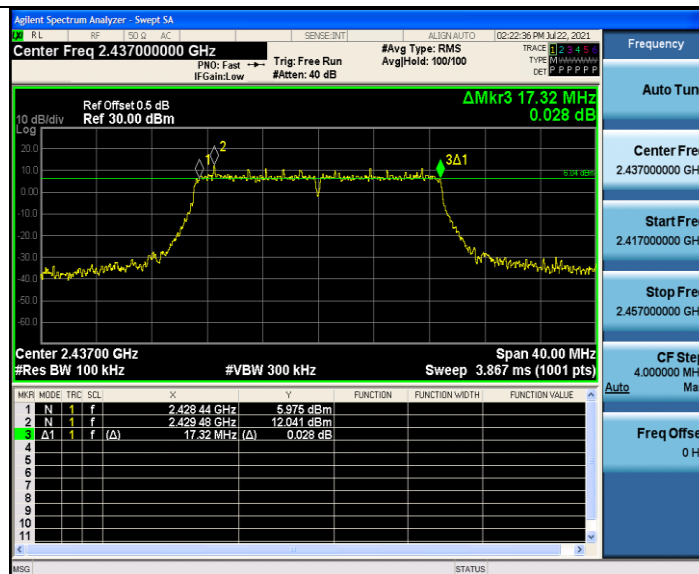
11G Ant1 2462



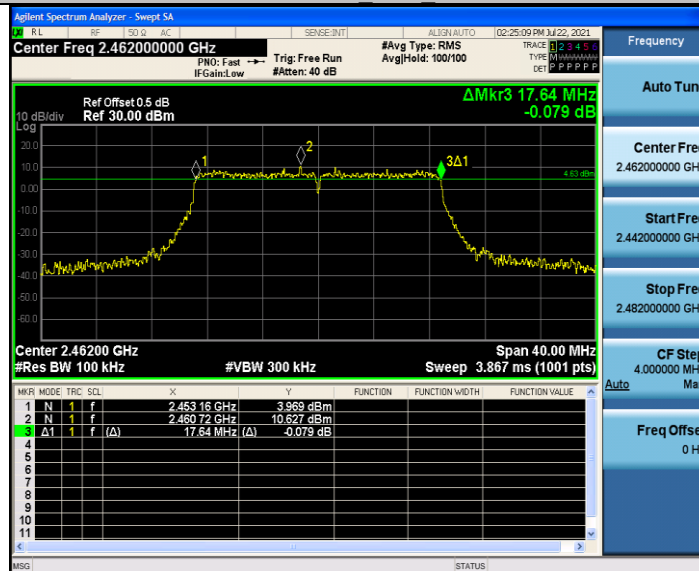
11N20SISO Ant1 2412



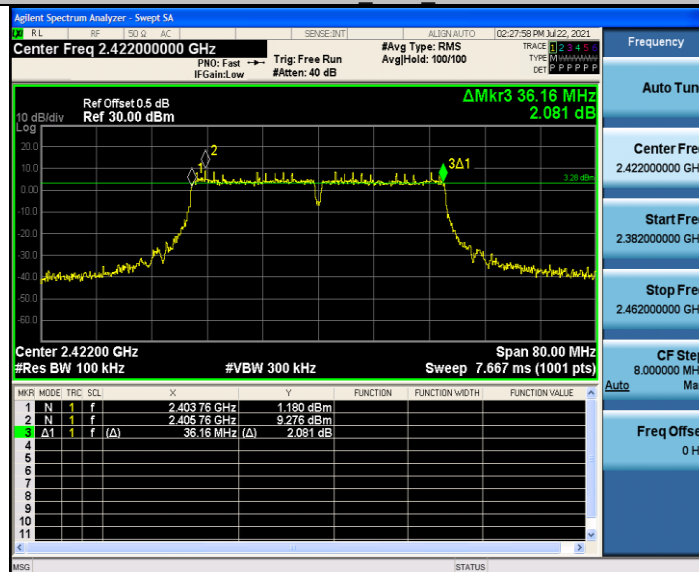
11N20SISO Ant1 2437



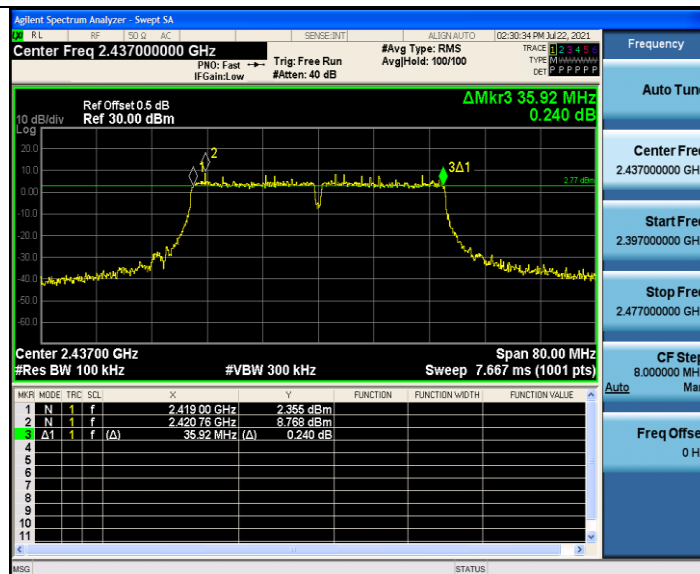
11N20SISO Ant1 2462



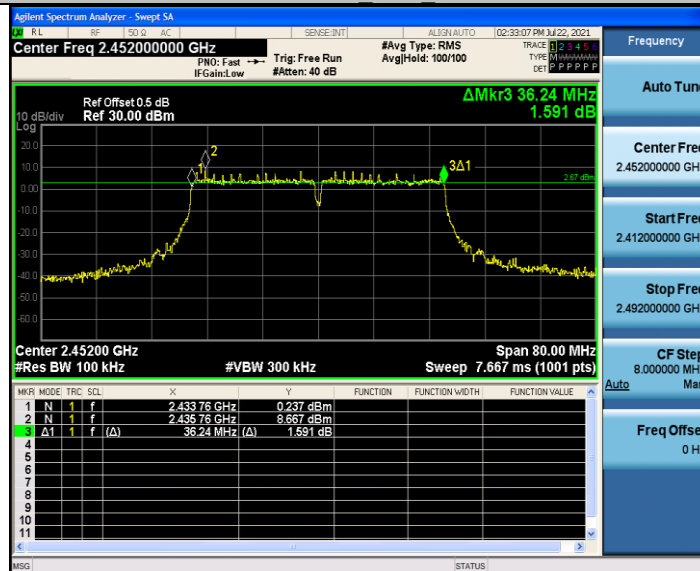
11N40SISO Ant1 2422



11N40SISO Ant1 2437



11N40SISO Ant1 2452

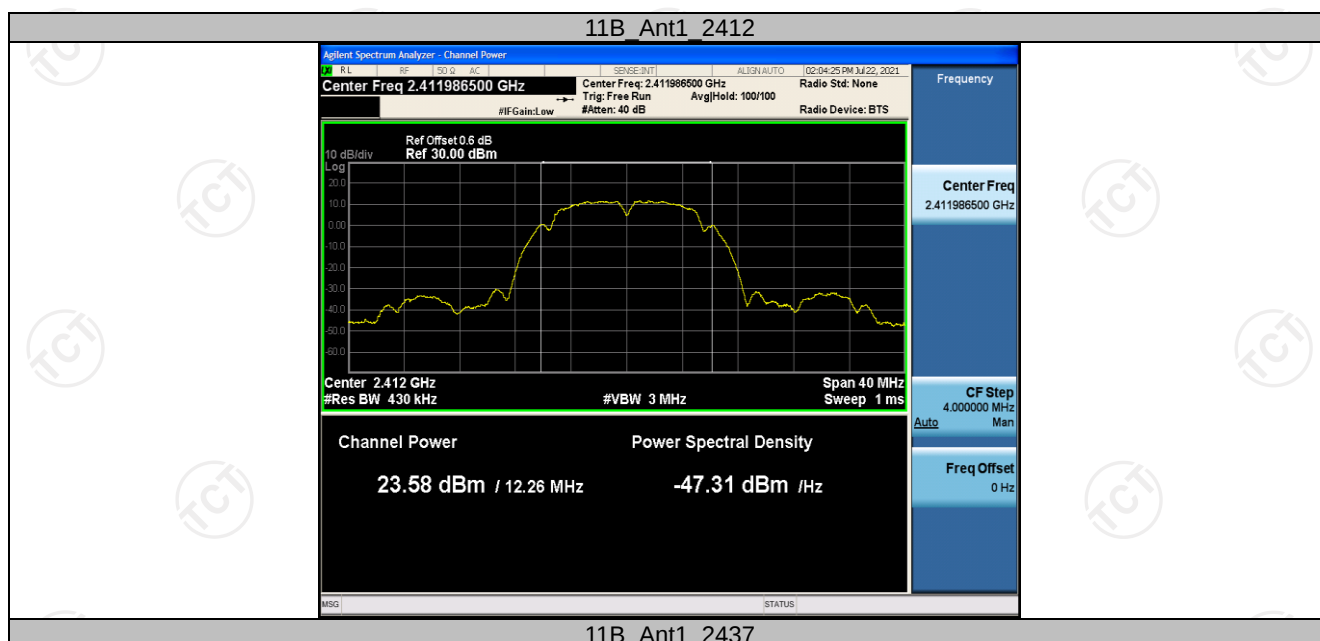


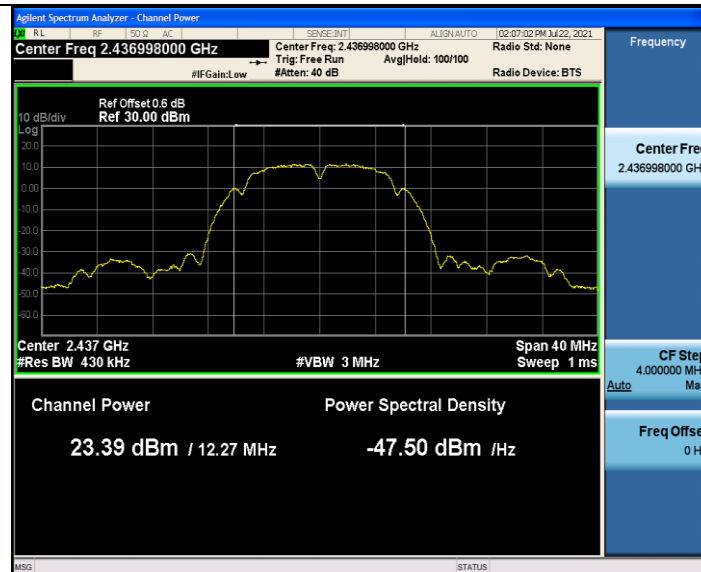
Maximum conducted output power

Test Result

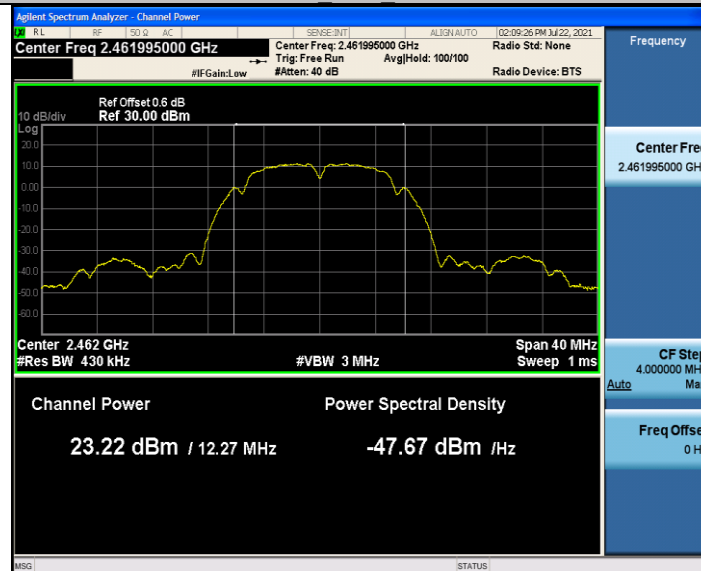
Test Mode	Antenna	Channel	Conducted Power [dBm]	Correction Factor [dB]	Total Power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	23.58	0.10	23.68	<=30	PASS
		2437	23.39	0.10	23.49	<=30	PASS
		2462	23.22	0.10	23.32	<=30	PASS
11G	Ant1	2412	23.38	0.58	23.96	<=30	PASS
		2437	23.15	0.58	23.73	<=30	PASS
		2462	22.85	0.58	23.43	<=30	PASS
11N20SISO	Ant1	2412	22.95	0.62	23.57	<=30	PASS
		2437	23.06	0.61	23.67	<=30	PASS
		2462	22.32	0.61	22.93	<=30	PASS
11N40SISO	Ant1	2422	23.01	1.18	24.19	<=30	PASS
		2437	22.77	1.18	23.95	<=30	PASS
		2452	22.66	1.18	23.84	<=30	PASS

Test Graphs

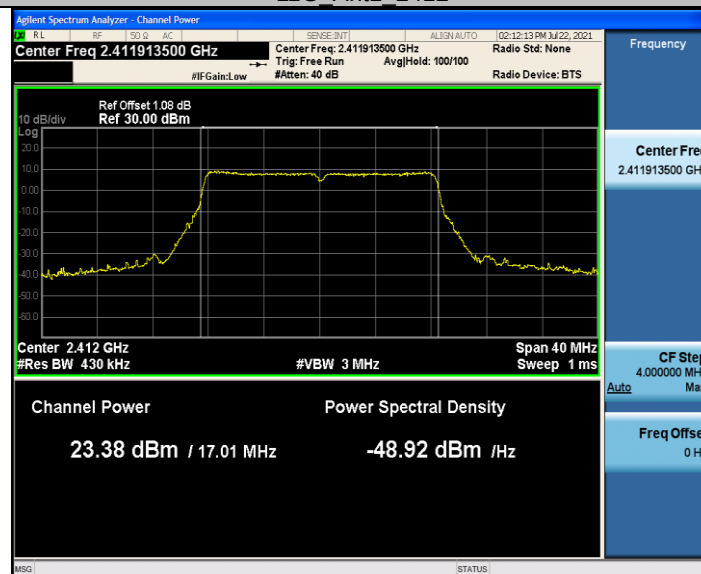




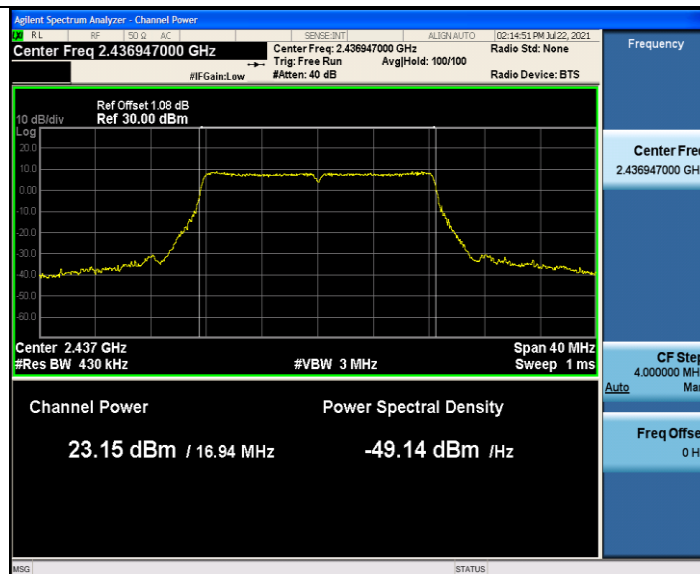
11B Ant1 2462



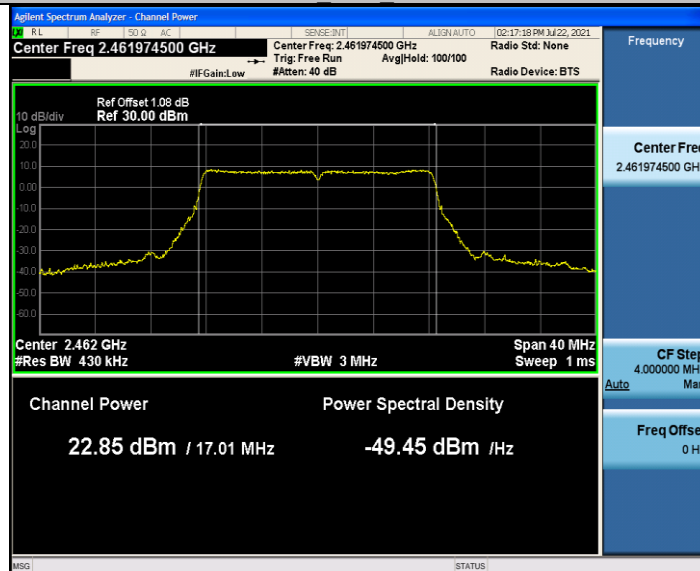
11G Ant1 2412



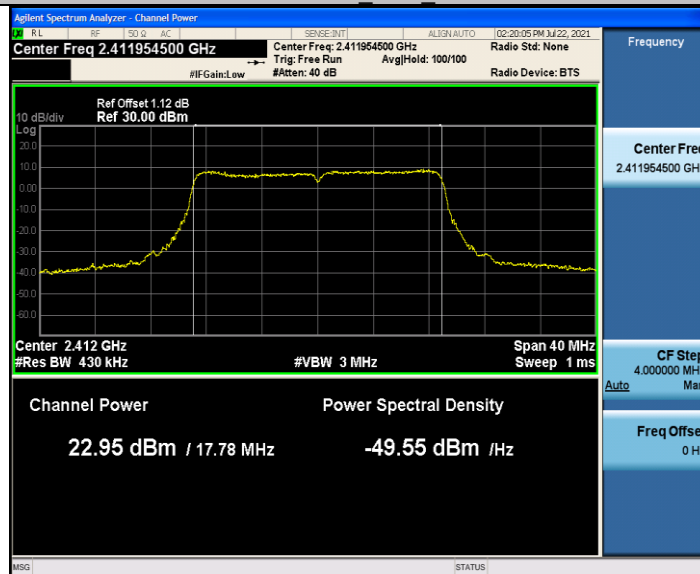
11G Ant1 2437



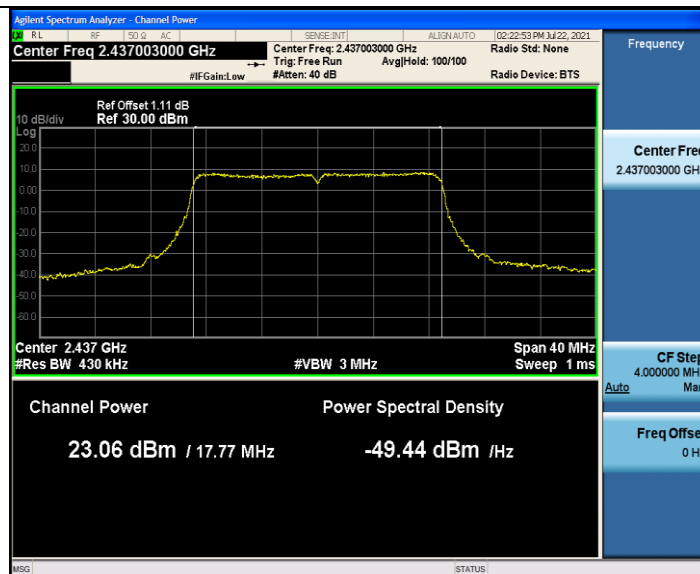
11G Ant1 2462



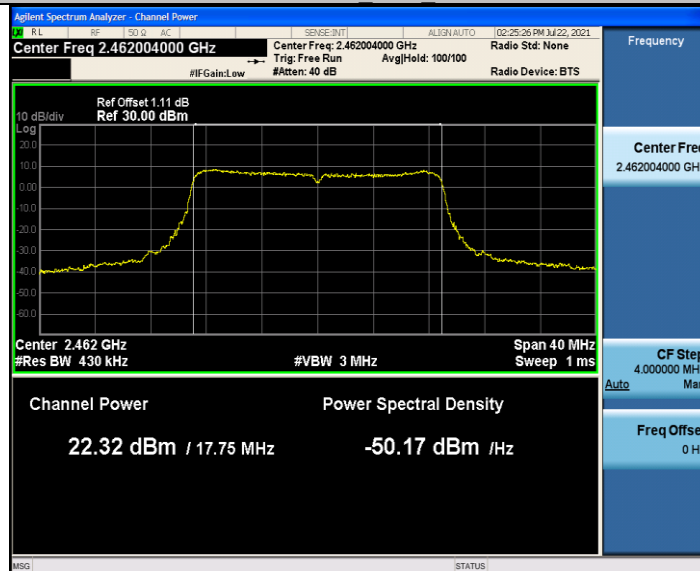
11N20SISO Ant1 2412



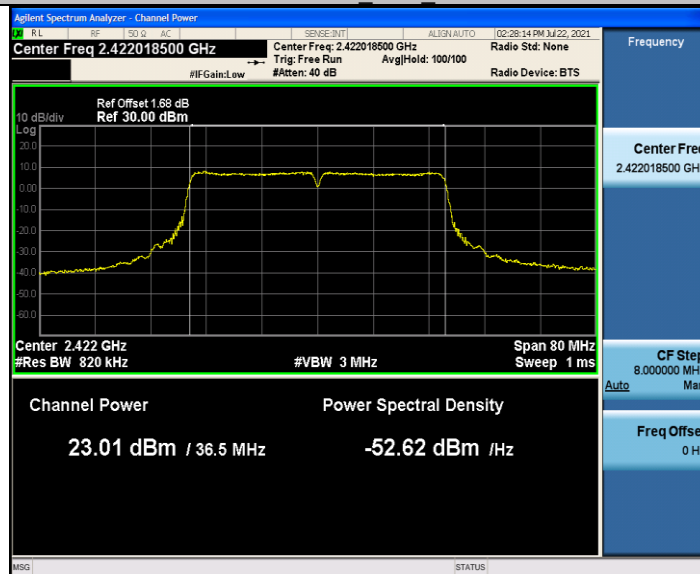
11N20SISO Ant1 2437



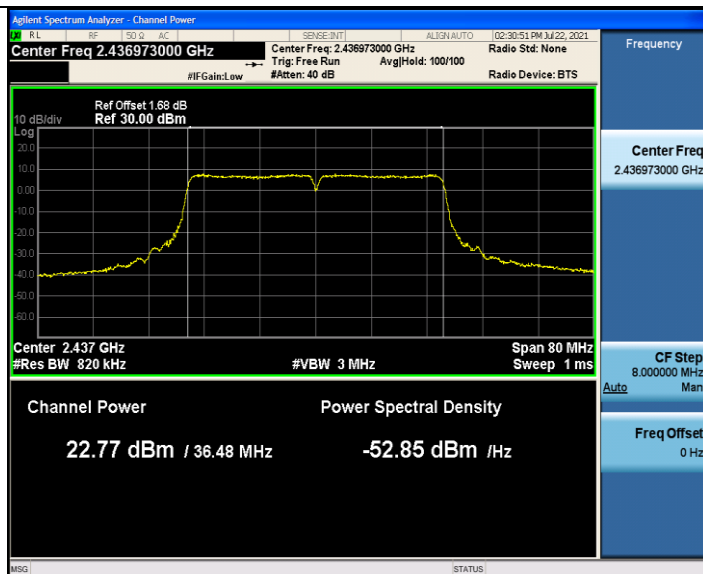
11N20SISO Ant1 2462



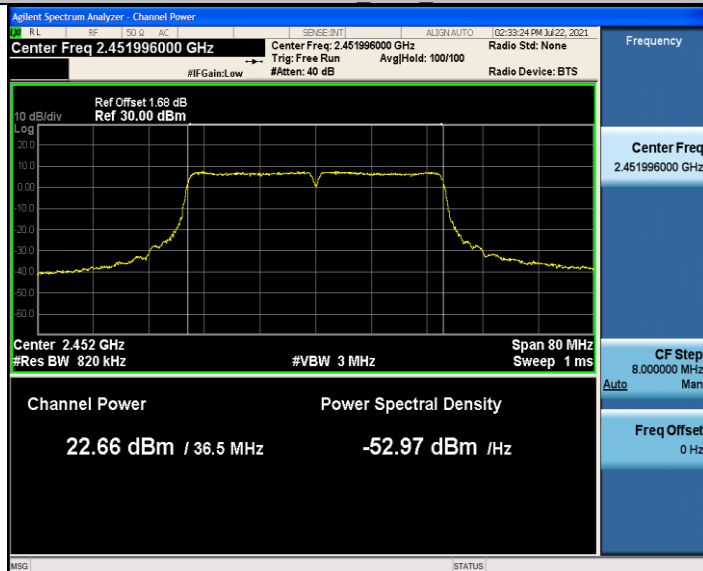
11N40SISO Ant1 2422



11N40SISO Ant1 2437



11N40SISO Ant1 2452



Maximum power spectral density

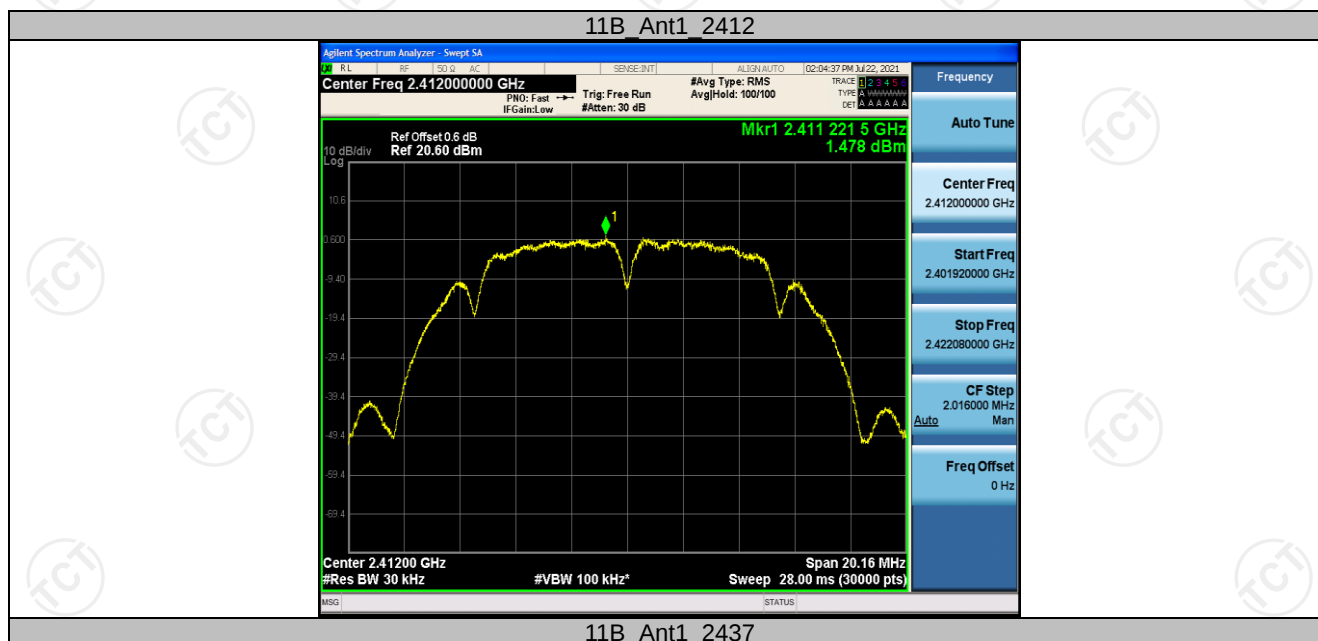
Test Result

Test Mode	Antenna	Channel	Result [dBm/10kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	1.48	-3.75	<=8	PASS
		2437	0.56	-4.67	<=8	PASS
		2462	0.48	-4.75	<=8	PASS
11G	Ant1	2412	-0.54	-5.77	<=8	PASS
		2437	-0.93	-6.16	<=8	PASS
		2462	-1.03	-6.26	<=8	PASS
11N20SISO	Ant1	2412	-0.41	-5.64	<=8	PASS
		2437	-0.96	-6.19	<=8	PASS
		2462	-1.77	-7.00	<=8	PASS
11N40SISO	Ant1	2422	-4.10	-9.33	<=8	PASS
		2437	-4.45	-9.68	<=8	PASS
		2452	-4.82	-10.05	<=8	PASS

Note: Compensate 10dB is for Exchange rate of RBW

Exchange rate of RBW = $10 \cdot \log_{10}(\text{Reference bandwidth}/\text{RBW at measurement}) = -5.23[\text{dB}]$
where Reference bandwidth = 3KHz

Test Graphs

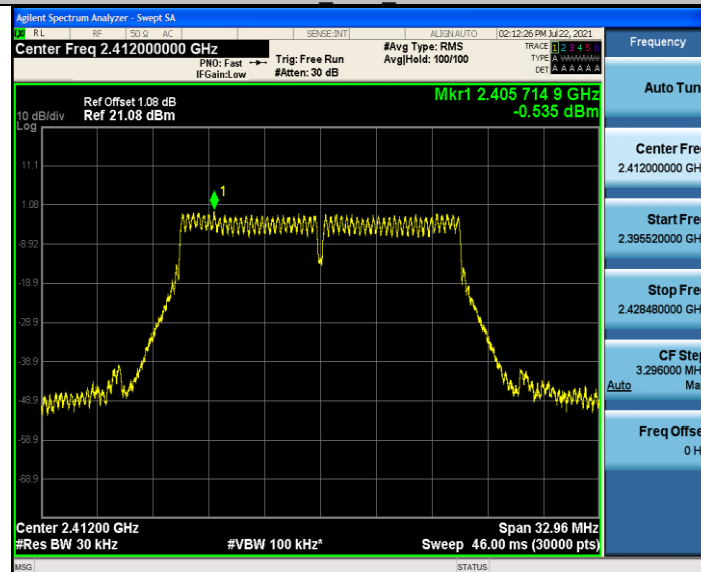




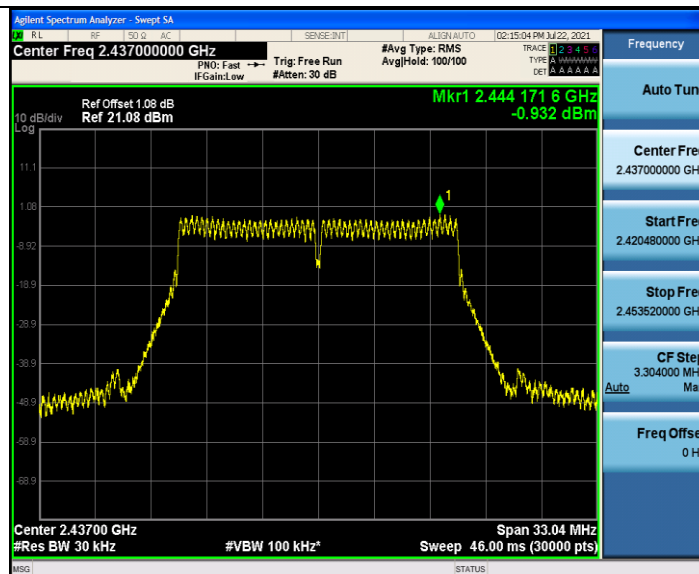
11B Ant1 2462



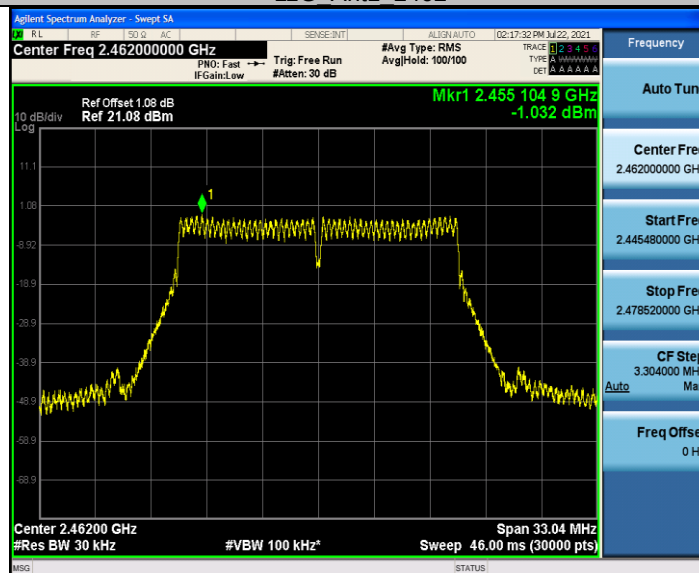
11G Ant1 2412



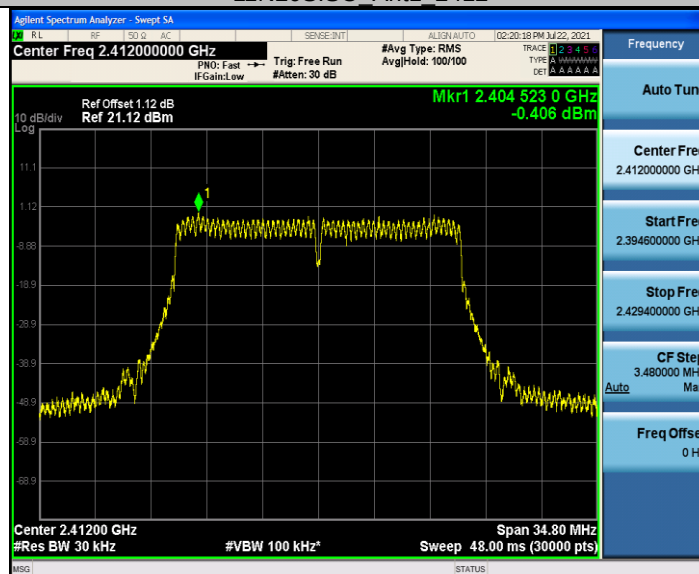
11G Ant1 2437



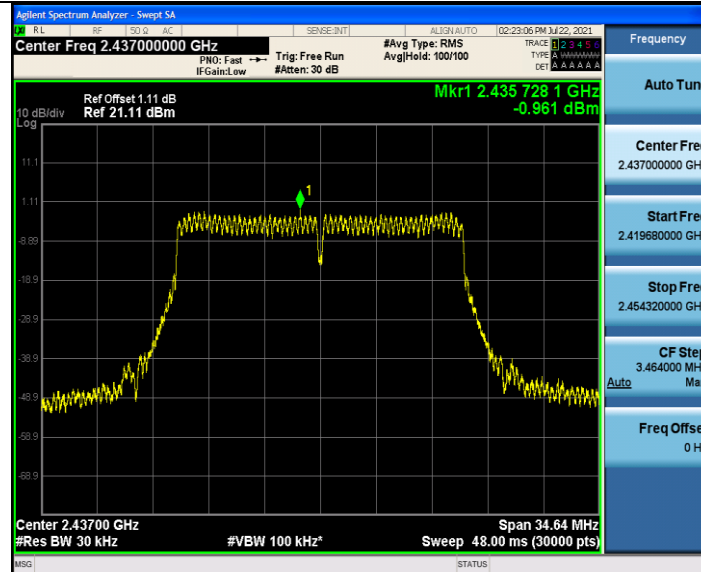
11G Ant1 2462



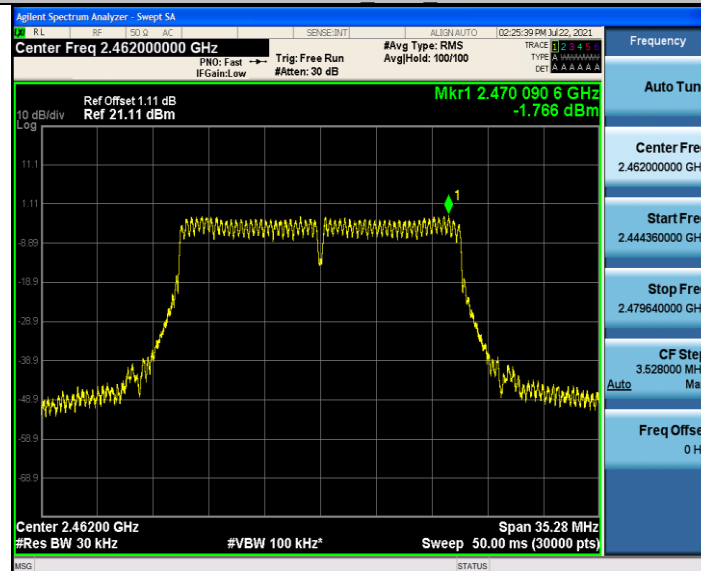
11N20SISO Ant1 2412



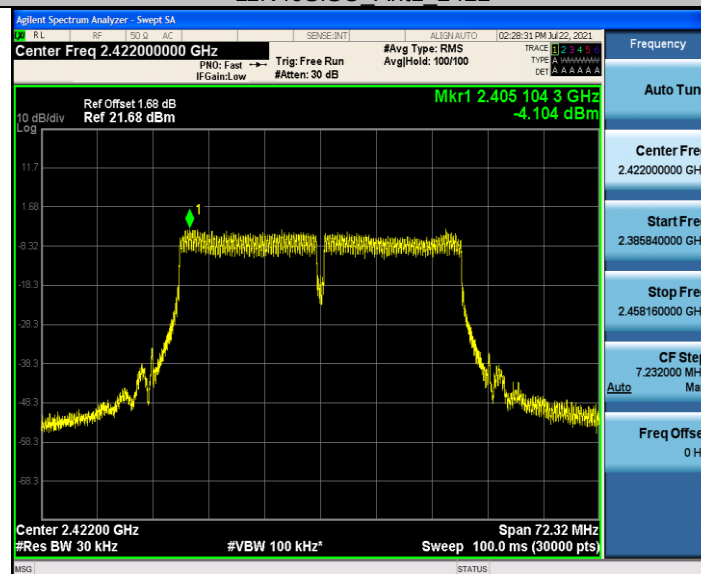
11N20SISO Ant1 2437



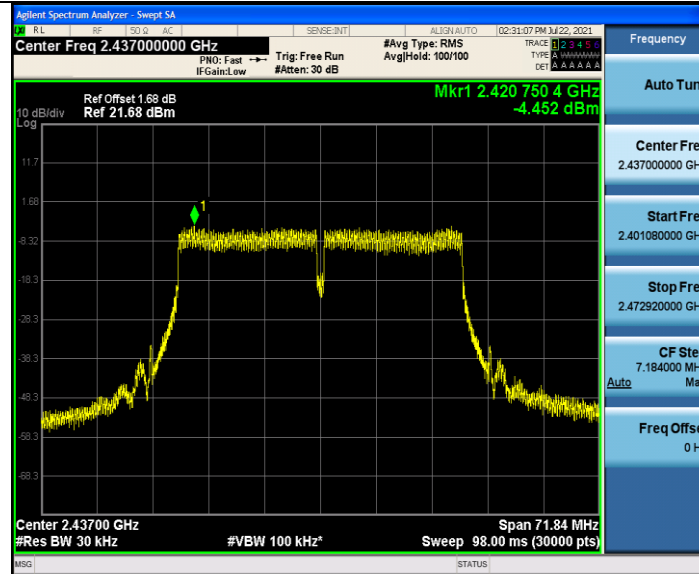
11N20SISO Ant1 2462



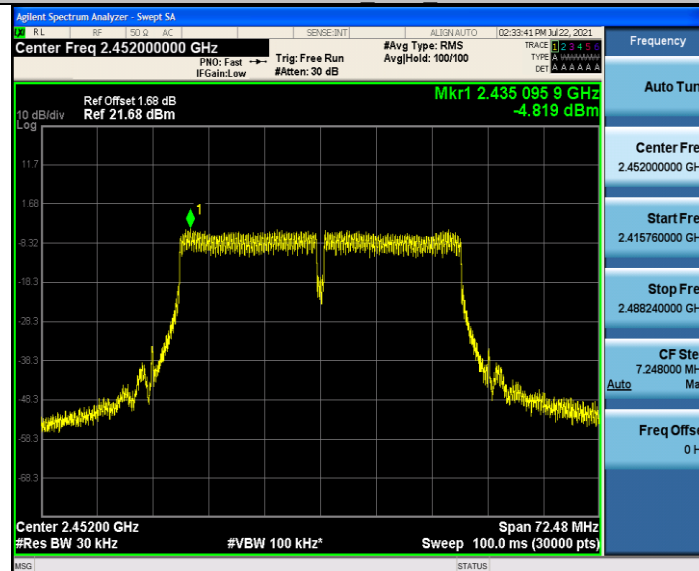
11N40SISO Ant1 2422



11N40SISO Ant1 2437



11N40SISO Ant1 2452

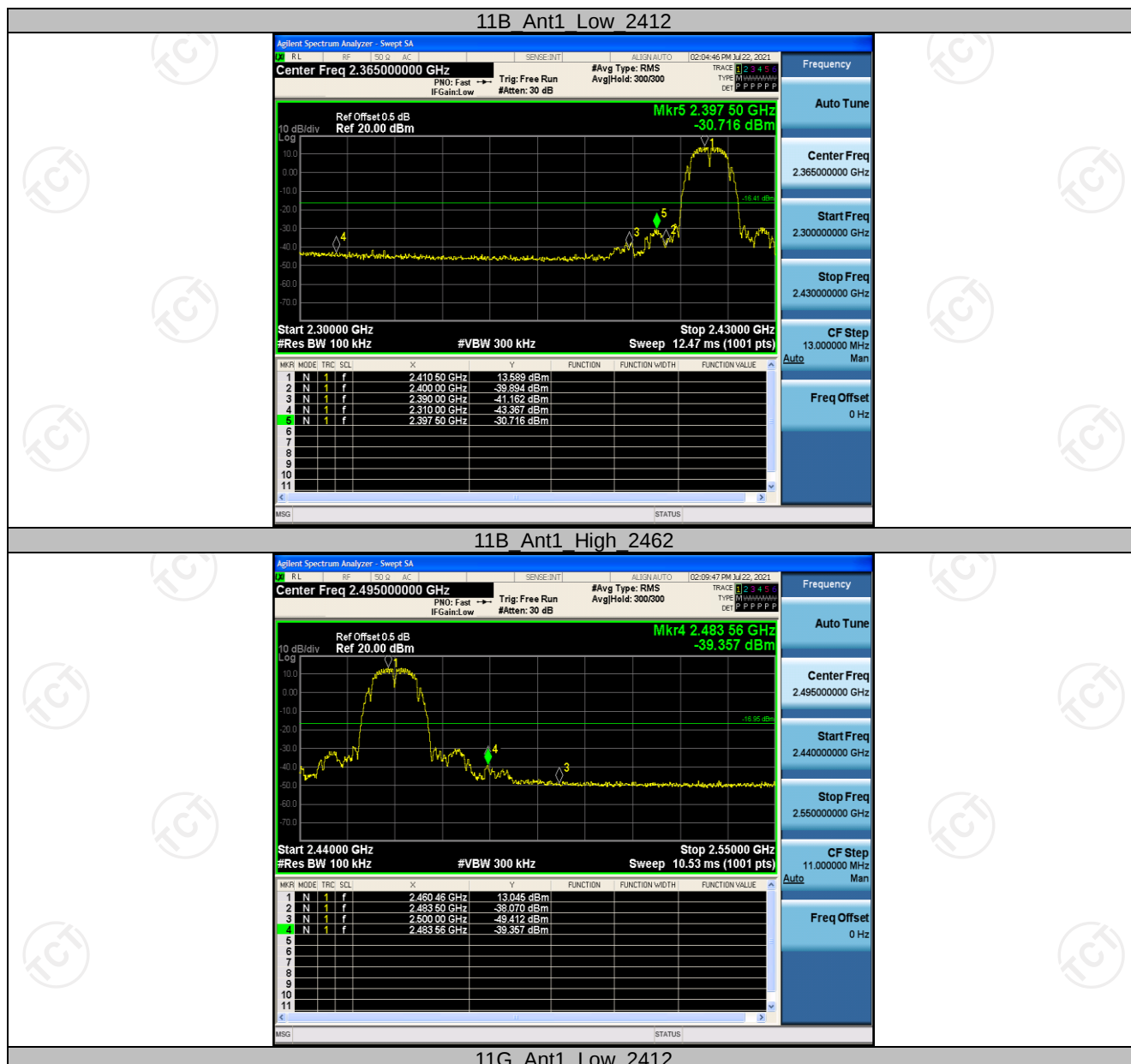


Band edge measurements

Test Result

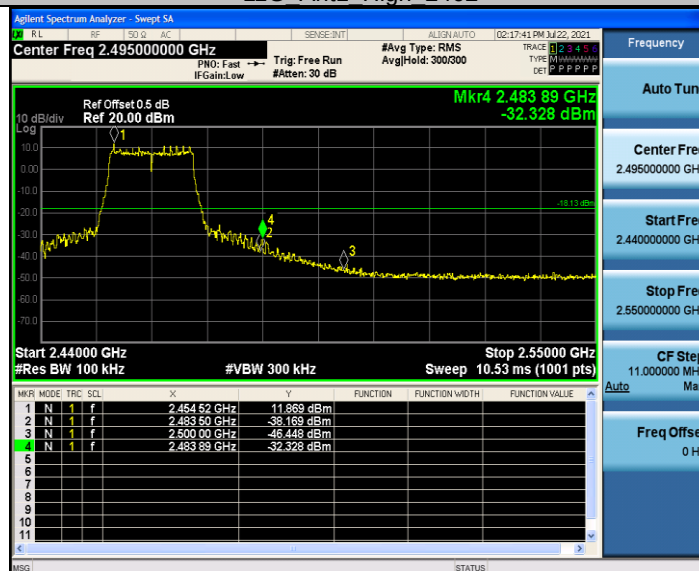
Test Mode	Antenna	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	13.59	-30.72	<=-16.41	PASS
		High	2462	13.05	-39.36	<=-16.95	PASS
11G	Ant1	Low	2412	12.15	-26.04	<=-17.86	PASS
		High	2462	11.87	-32.33	<=-18.13	PASS
11N20SISO	Ant1	Low	2412	12.70	-27.93	<=-17.30	PASS
		High	2462	11.58	-35.95	<=-18.42	PASS
11N40SISO	Ant1	Low	2422	9.30	-26.65	<=-20.70	PASS
		High	2452	7.96	-34.02	<=-22.05	PASS

Test Graphs





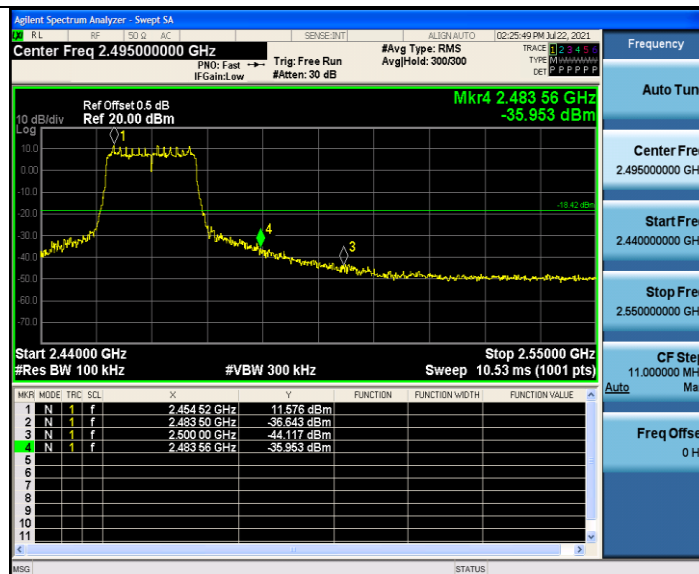
11G Ant1 High 2462



11N20SISO Ant1 Low 2412



11N20SISO Ant1 High 2462



11N40SISO Ant1 Low 2422



11N40SISO Ant1 High 2452

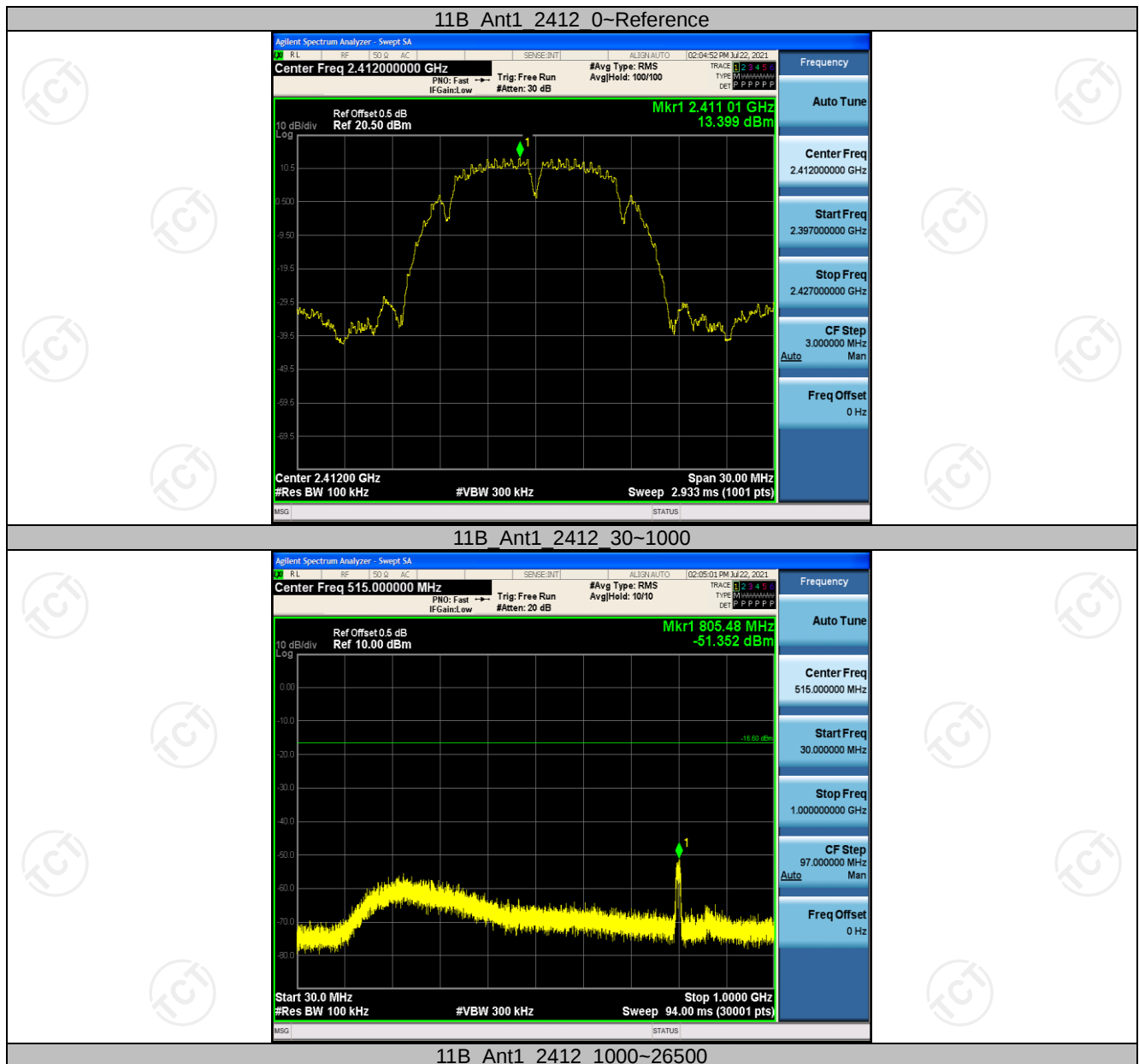


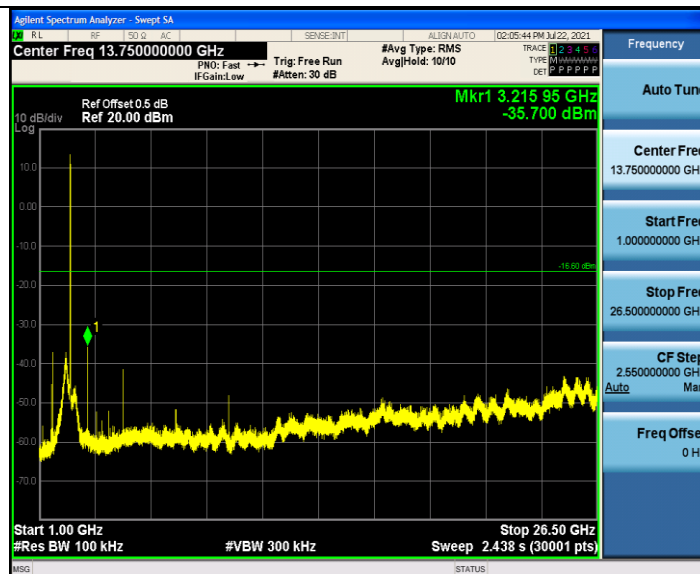
Conducted Spurious Emission

Test Result

Test Mode	Antenna	Channel	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	13.40	13.40	---	PASS
			30~1000	30~1000	-51.352	<=-16.601	PASS
			1000~26500	1000~26500	-35.7	<=-16.601	PASS
		2437	Reference	13.17	13.17	---	PASS
			30~1000	30~1000	-53.277	<=-16.827	PASS
			1000~26500	1000~26500	-38.146	<=-16.827	PASS
		2462	Reference	12.96	12.96	---	PASS
			30~1000	30~1000	-50.113	<=-17.037	PASS
			1000~26500	1000~26500	-36.481	<=-17.037	PASS
11G	Ant1	2412	Reference	11.86	11.86	---	PASS
			30~1000	30~1000	-49.097	<=-18.142	PASS
			1000~26500	1000~26500	-35.746	<=-18.142	PASS
		2437	Reference	10.82	10.82	---	PASS
			30~1000	30~1000	-53.575	<=-19.184	PASS
			1000~26500	1000~26500	-38.206	<=-19.184	PASS
		2462	Reference	11.10	11.10	---	PASS
			30~1000	30~1000	-52.619	<=-18.904	PASS
			1000~26500	1000~26500	-36.348	<=-18.904	PASS
11N20SISO	Ant1	2412	Reference	12.59	12.59	---	PASS
			30~1000	30~1000	-51.967	<=-17.406	PASS
			1000~26500	1000~26500	-35.823	<=-17.406	PASS
		2437	Reference	11.62	11.62	---	PASS
			30~1000	30~1000	-52.914	<=-18.384	PASS
			1000~26500	1000~26500	-37.753	<=-18.384	PASS
		2462	Reference	11.49	11.49	---	PASS
			30~1000	30~1000	-50.291	<=-18.515	PASS
			1000~26500	1000~26500	-36.362	<=-18.515	PASS
11N40SISO	Ant1	2422	Reference	9.16	9.16	---	PASS
			30~1000	30~1000	-52.956	<=-20.842	PASS
			1000~26500	1000~26500	-37.045	<=-20.842	PASS
		2437	Reference	8.13	8.13	---	PASS
			30~1000	30~1000	-55.557	<=-21.872	PASS
			1000~26500	1000~26500	-38.167	<=-21.872	PASS
		2452	Reference	8.16	8.16	---	PASS
			30~1000	30~1000	-54.63	<=-21.843	PASS
			1000~26500	1000~26500	-37.048	<=-21.843	PASS

Test Graphs

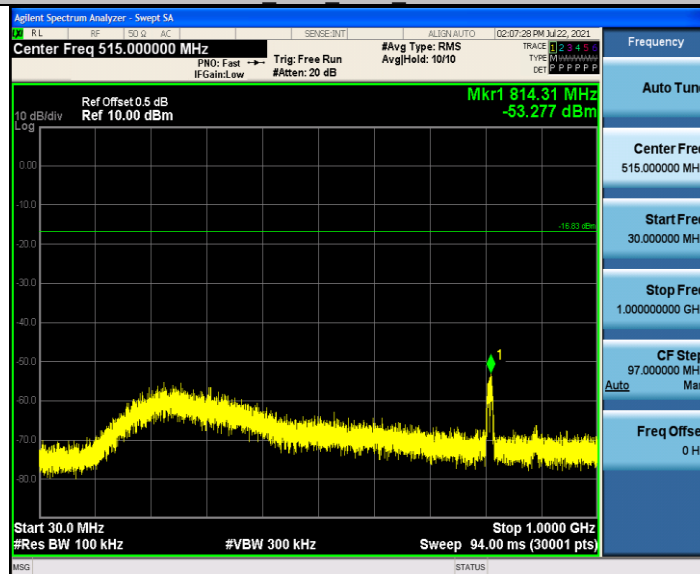




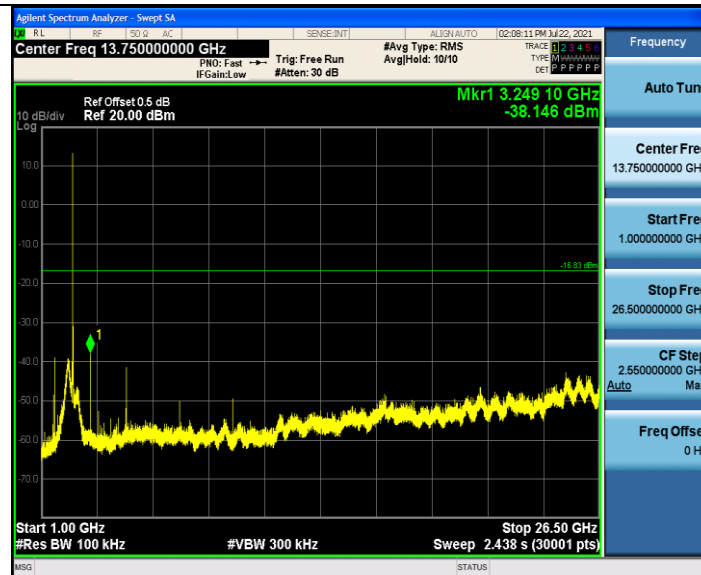
11B Ant1 2437 0-Reference



11B Ant1 2437 30-1000



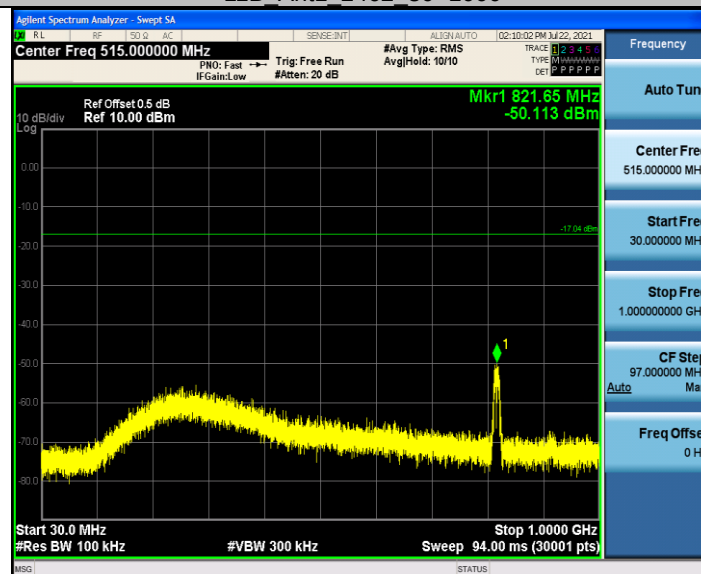
11B Ant1 2437 1000-26500



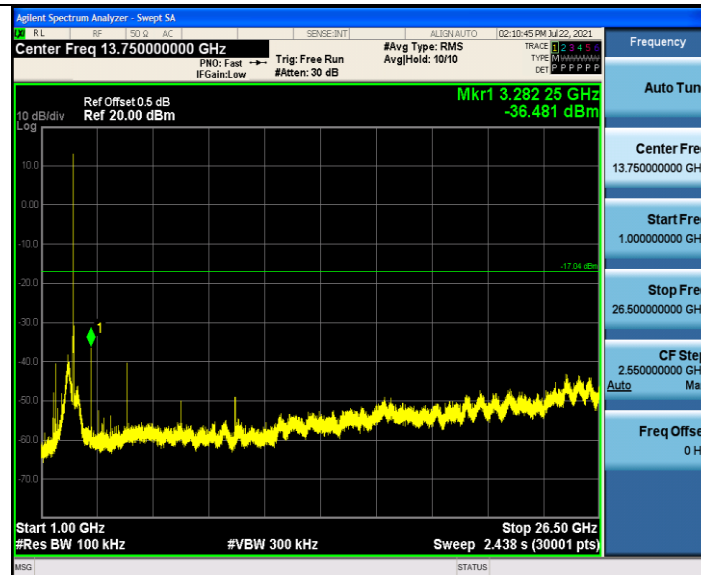
11B Ant1 2462 0-Reference



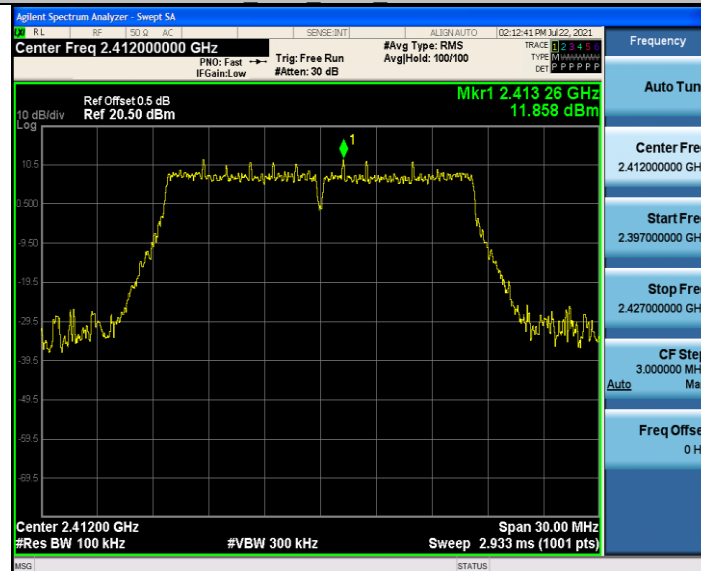
11B Ant1 2462 30-1000



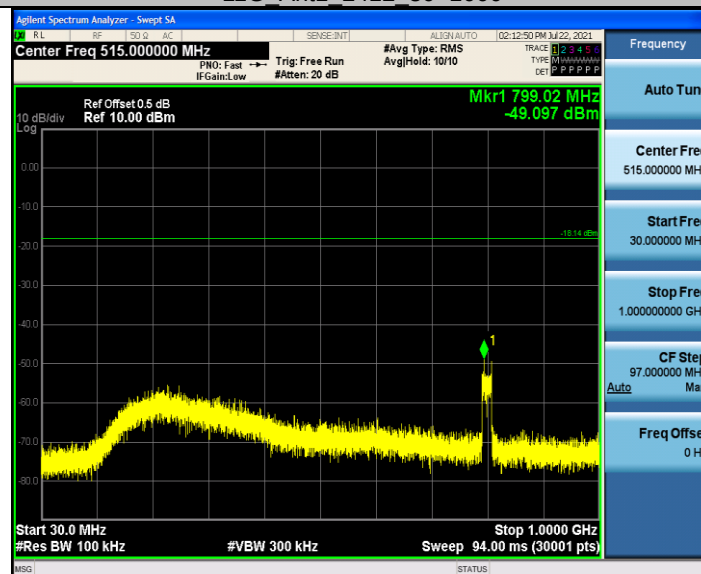
11B Ant1 2462 1000-26500



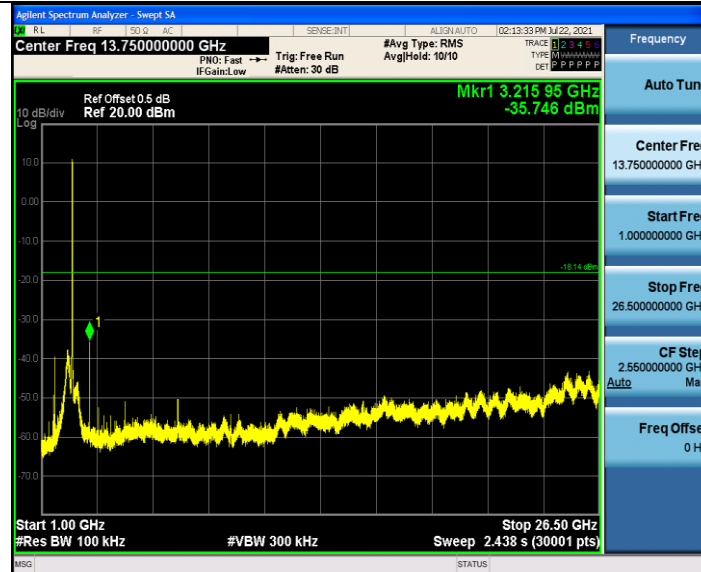
11G Ant1 2412 0~Reference



11G Ant1 2412 30~1000



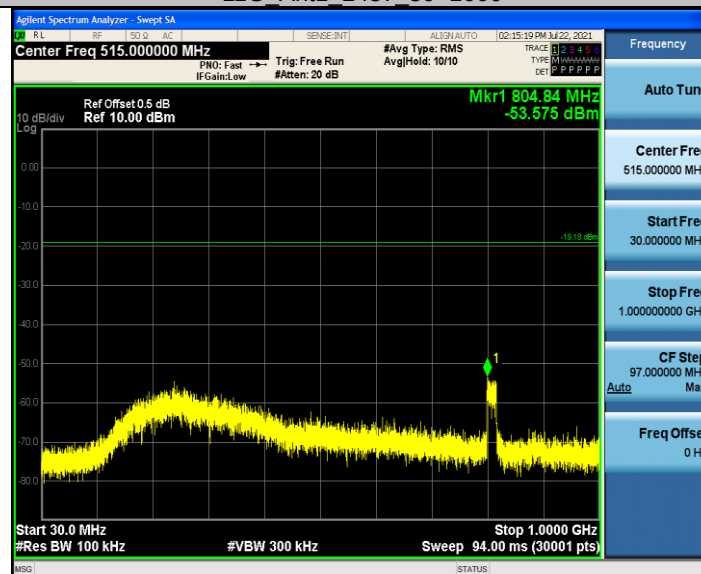
11G Ant1 2412 1000~26500



11G Ant1 2437 0~Reference



11G Ant1 2437 30~1000



11G Ant1 2437 1000~26500