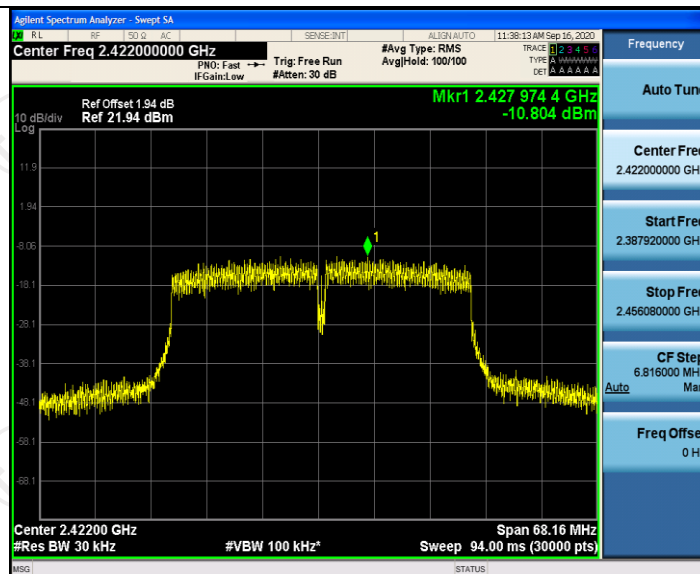
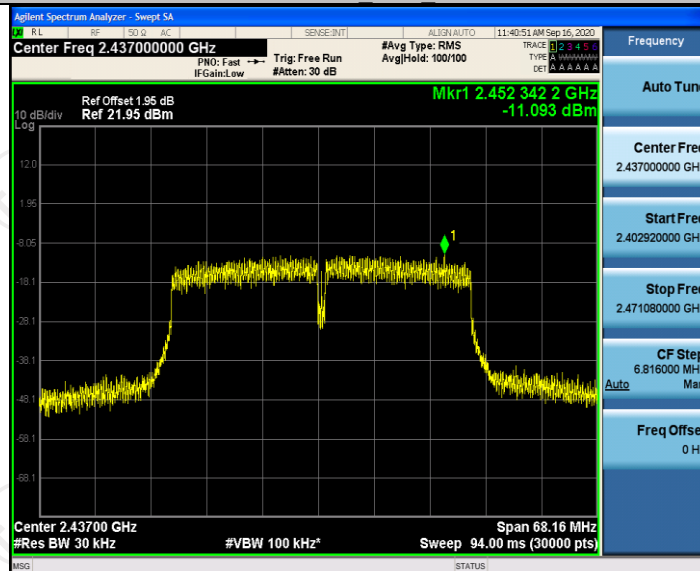
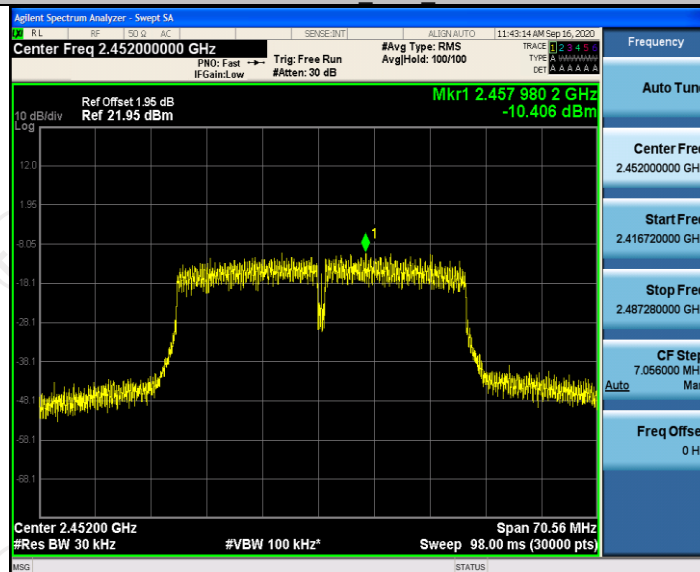




11N40SISO Ant1 2437



11N40SISO Ant1 2452



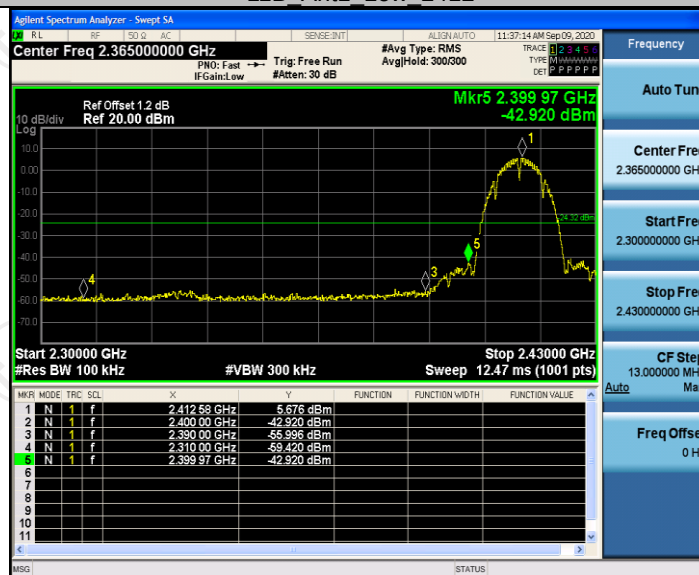
Band edge measurements

Test Result

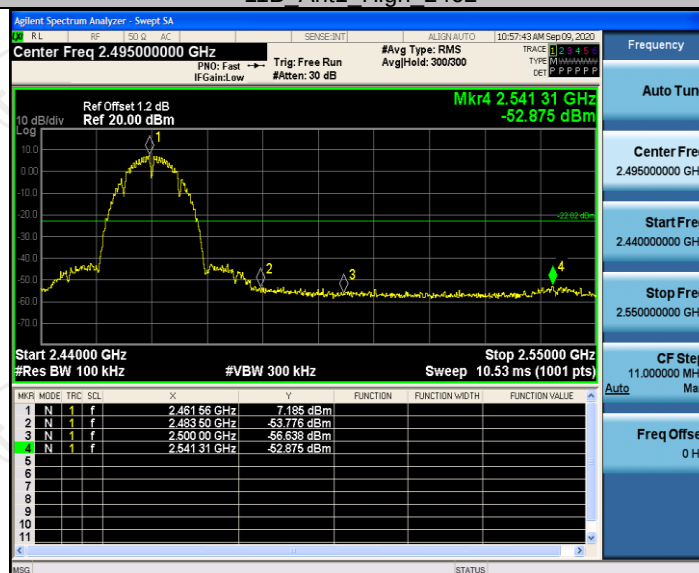
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	5.68	-42.92	<=-24.32	PASS
		High	2462	7.19	-52.88	<=-22.82	PASS
11G	Ant1	Low	2412	-4.71	-41.34	<=-34.71	PASS
		High	2462	-3.17	-52.77	<=-33.17	PASS
11N20SISO	Ant1	Low	2412	-4.93	-40.10	<=-34.94	PASS
		High	2462	-3.20	-51.23	<=-33.20	PASS
11N40SISO	Ant1	Low	2422	-0.53	-31.57	<=-30.53	PASS
		High	2452	-3.04	-42.64	<=-37.28	PASS

Test Graphs

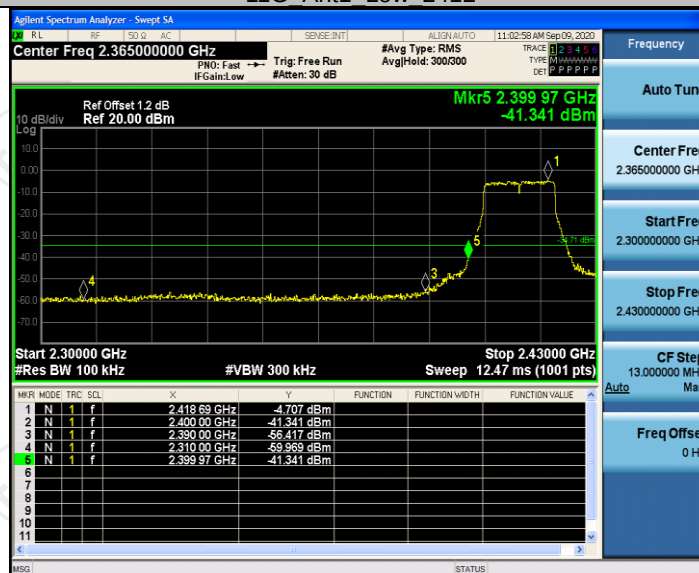
11B Ant1 Low 2412



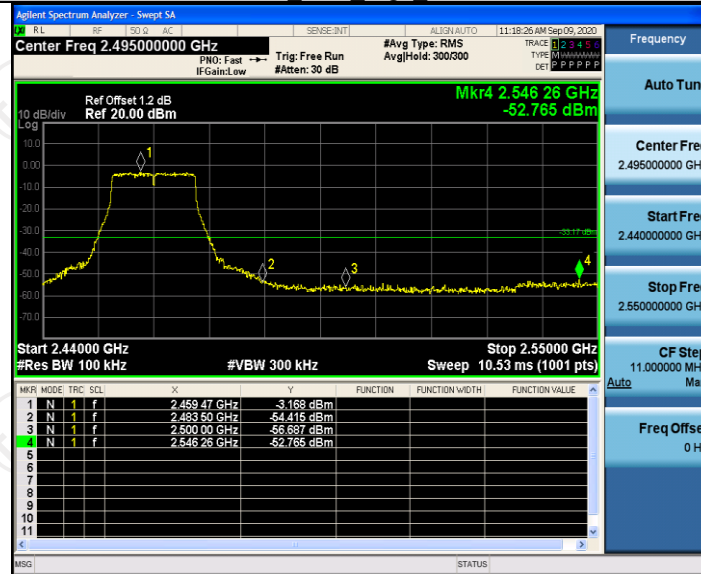
11B Ant1 High 2462



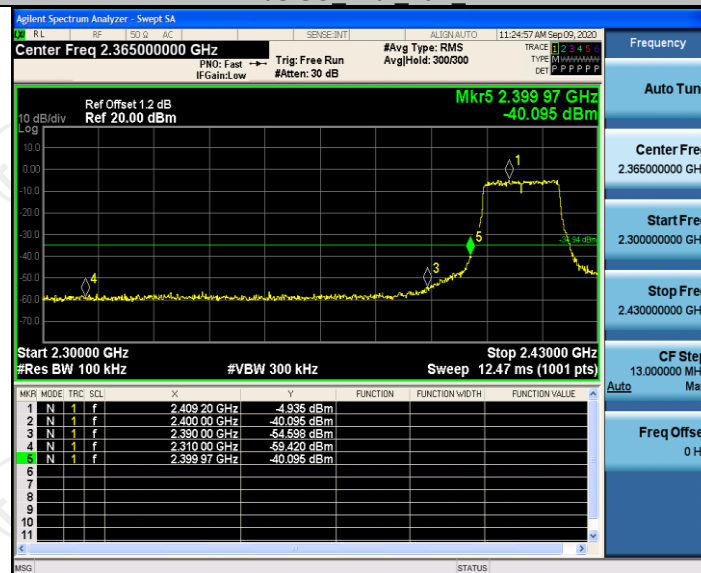
11G Ant1 Low 2412



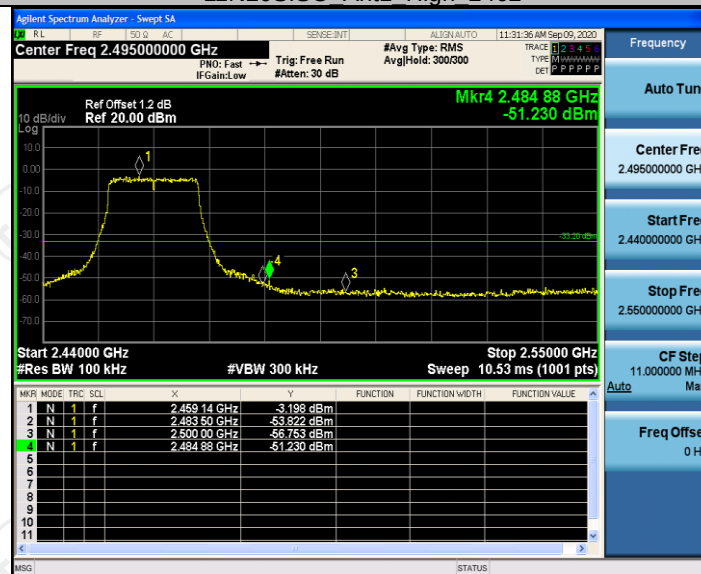
11G Ant1 High 2462



11N20SISO Ant1 Low 2412



11N20SISO Ant1 High 2462



11N40SISO Ant1 Low 2422



11N40SISO Ant1 High 2452



Conducted Spurious Emission

Test Result

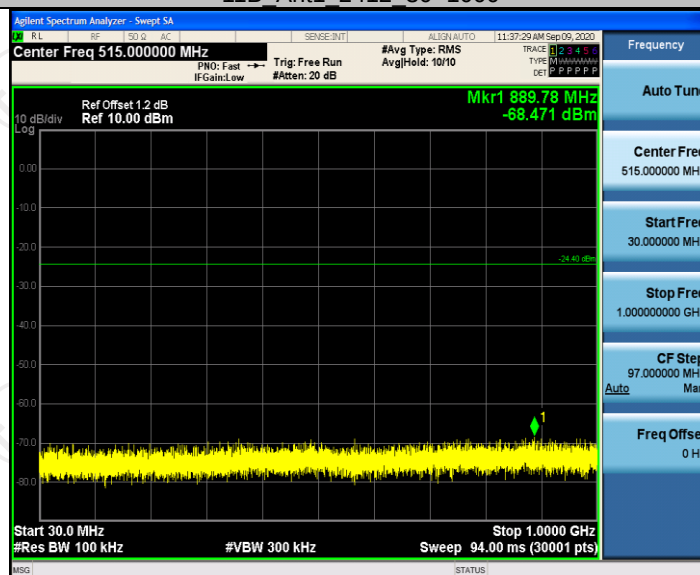
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.60	5.60	---	PASS
			30~1000	30~1000	-68.471	<=-24.4	PASS
			1000~26500	1000~26500	-26.877	<=-24.4	PASS
		2437	Reference	7.15	7.15	---	PASS
			30~1000	30~1000	-67.578	<=-22.85	PASS
			1000~26500	1000~26500	-25.006	<=-22.85	PASS
		2462	Reference	7.14	7.14	---	PASS
			30~1000	30~1000	-68.301	<=-22.862	PASS
			1000~26500	1000~26500	-25.476	<=-22.862	PASS
11G	Ant1	2412	Reference	-4.83	-4.83	---	PASS
			30~1000	30~1000	-68.364	<=-34.828	PASS
			1000~26500	1000~26500	-42.608	<=-34.828	PASS
		2437	Reference	-3.92	-3.92	---	PASS
			30~1000	30~1000	-67.929	<=-33.917	PASS
			1000~26500	1000~26500	-42.51	<=-33.917	PASS
		2462	Reference	-3.16	-3.16	---	PASS
			30~1000	30~1000	-67.641	<=-33.162	PASS
			1000~26500	1000~26500	-42.252	<=-33.162	PASS
11N20SISO	Ant1	2412	Reference	-4.96	-4.96	---	PASS
			30~1000	30~1000	-68.804	<=-34.958	PASS
			1000~26500	1000~26500	-43.134	<=-34.958	PASS
		2437	Reference	-3.55	-3.55	---	PASS
			30~1000	30~1000	-67.536	<=-33.545	PASS
			1000~26500	1000~26500	-41.685	<=-33.545	PASS
		2462	Reference	-3.30	-3.30	---	PASS
			30~1000	30~1000	-68.322	<=-33.297	PASS
			1000~26500	1000~26500	-43.134	<=-33.297	PASS
11N40SISO	Ant1	2422	Reference	-3.92	-3.92	---	PASS
			30~1000	30~1000	-68.769	<=-33.92	PASS
			1000~26500	1000~26500	-43.041	<=-33.92	PASS
		2437	Reference	-3.23	-3.23	---	PASS
			30~1000	30~1000	-69.282	<=-33.233	PASS
			1000~26500	1000~26500	-43.109	<=-33.233	PASS
		2452	Reference	-2.83	-2.83	---	PASS
			30~1000	30~1000	-69.019	<=-32.829	PASS
			1000~26500	1000~26500	-42.943	<=-32.829	PASS

Test Graphs

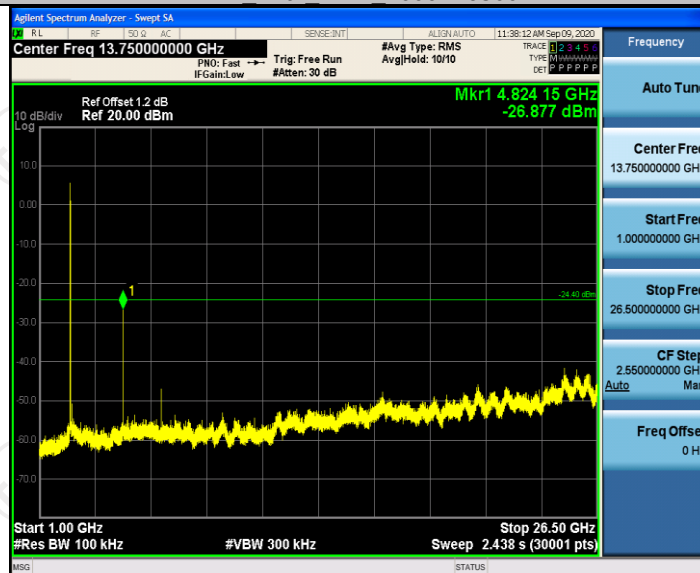
11B Ant1 2412 0-Reference



11B Ant1 2412 30-1000



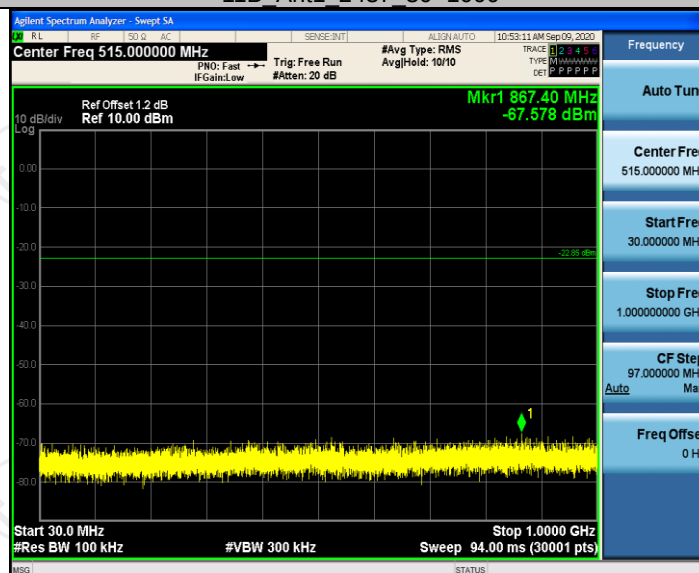
11B Ant1 2412 1000-26500



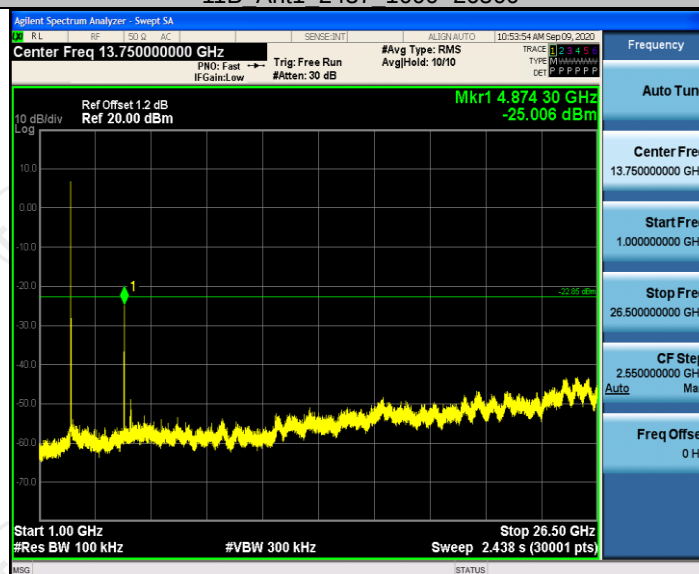
11B_Ant1_2437_0-Reference



11B_Ant1_2437_30-1000



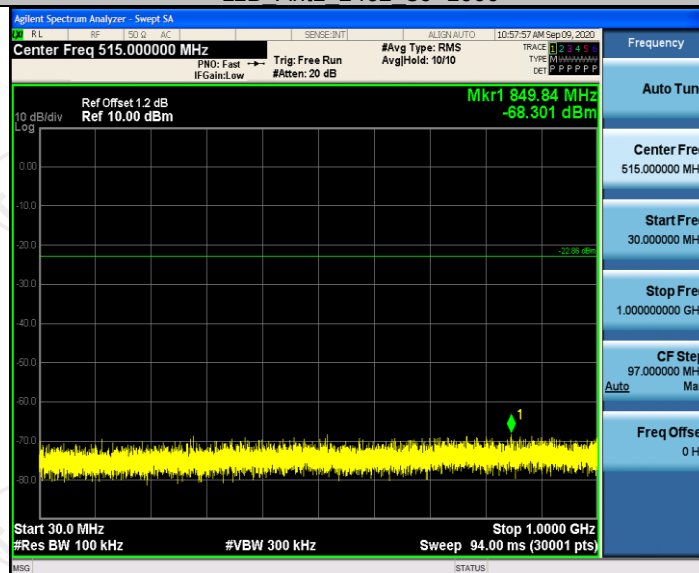
11B_Ant1_2437_1000-26500



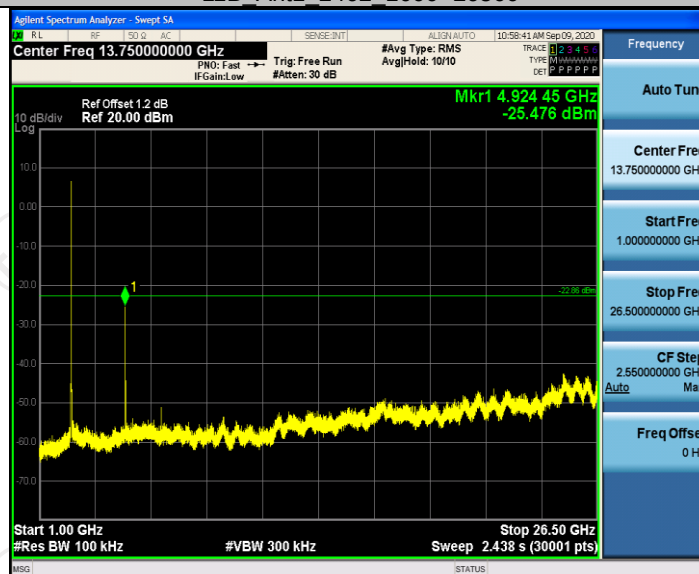
11B_Ant1_2462_0-Reference



11B Ant1 2462 30~1000



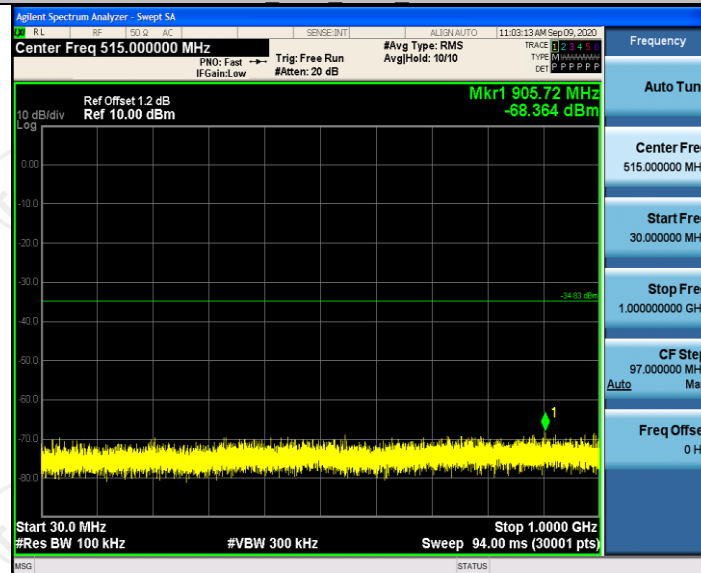
11B Ant1 2462 1000~26500



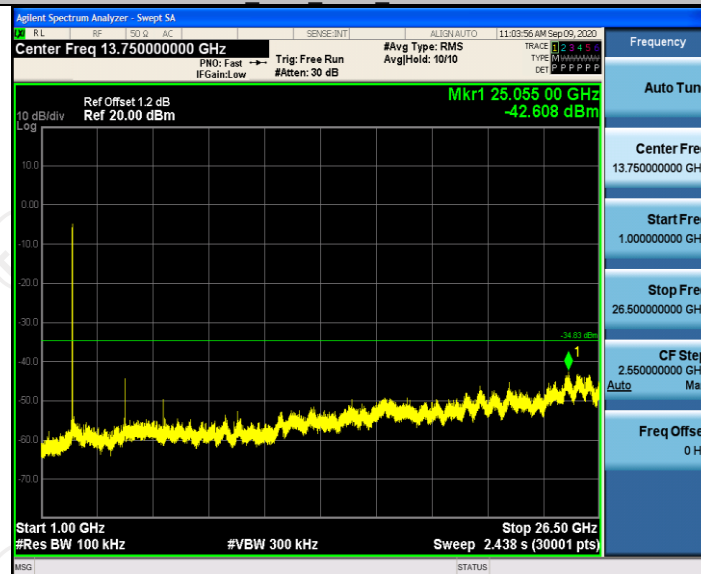
11G Ant1 2412 0~Reference



11G Ant1 2412 30~1000



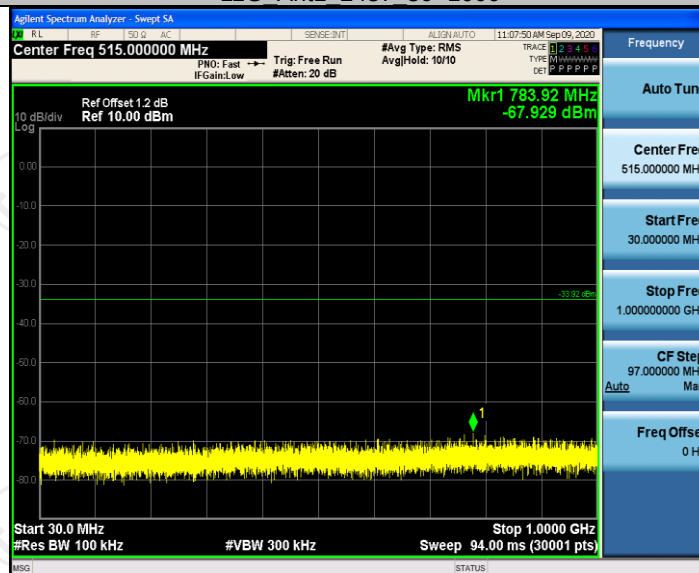
11G Ant1 2412 1000~26500



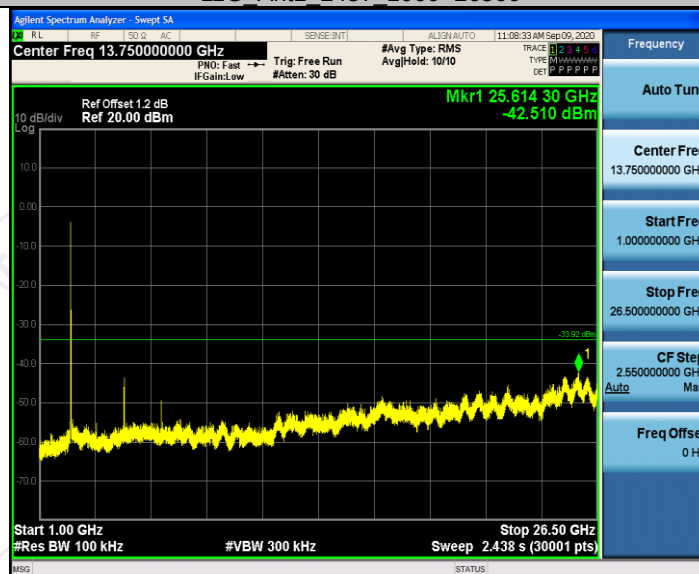
11G Ant1 2437 0~Reference



11G Ant1 2437 30~1000



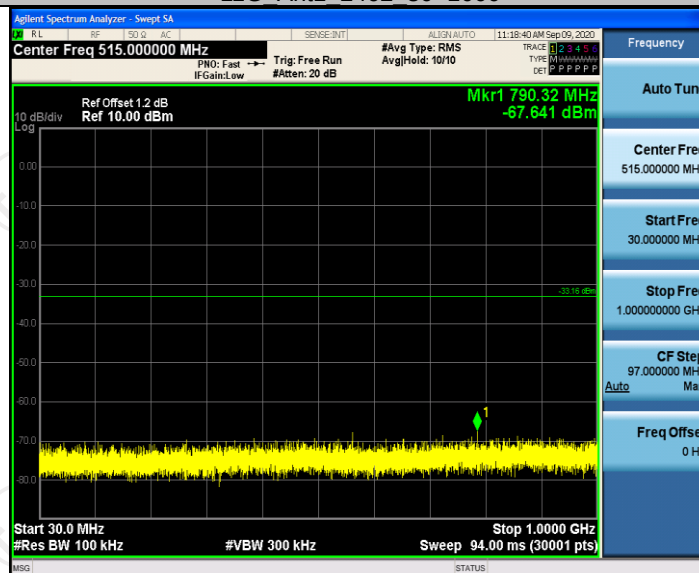
11G Ant1 2437 1000~26500



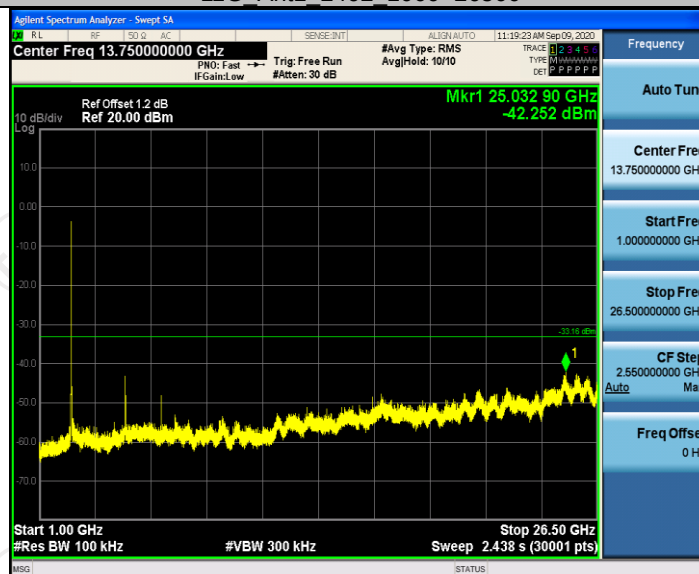
11G Ant1 2462 0~Reference



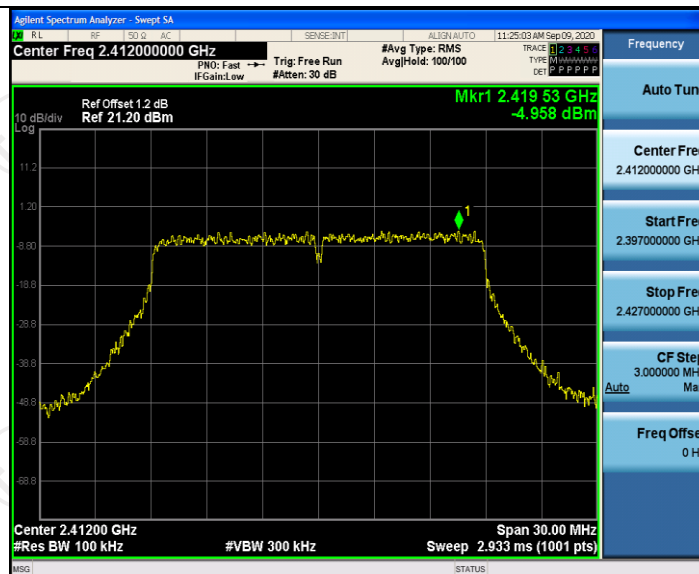
11G Ant1 2462 30~1000



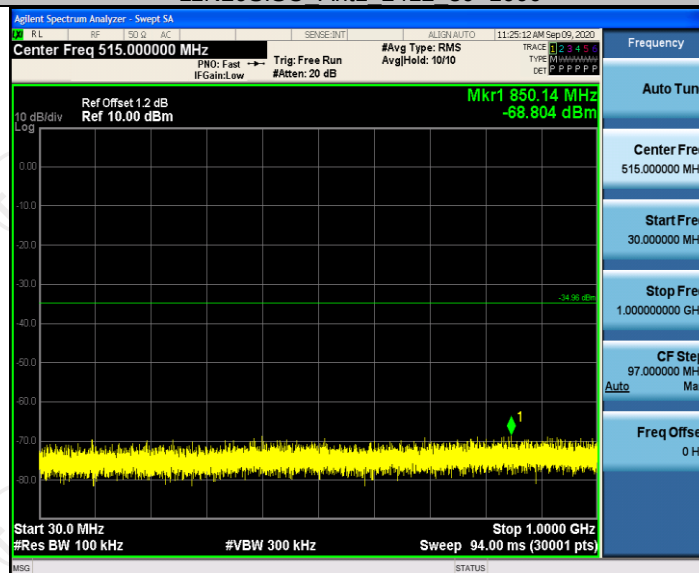
11G Ant1 2462 1000~26500



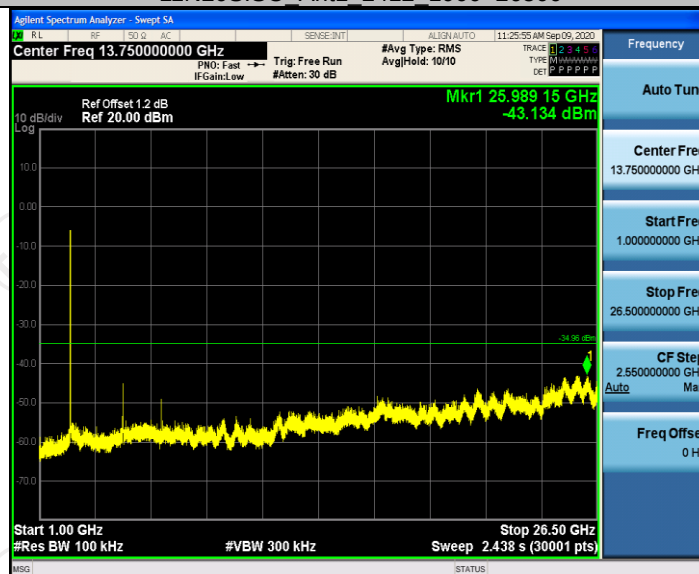
11N20SISO Ant1 2412 0~Reference



11N20SISO Ant1 2412 30~1000



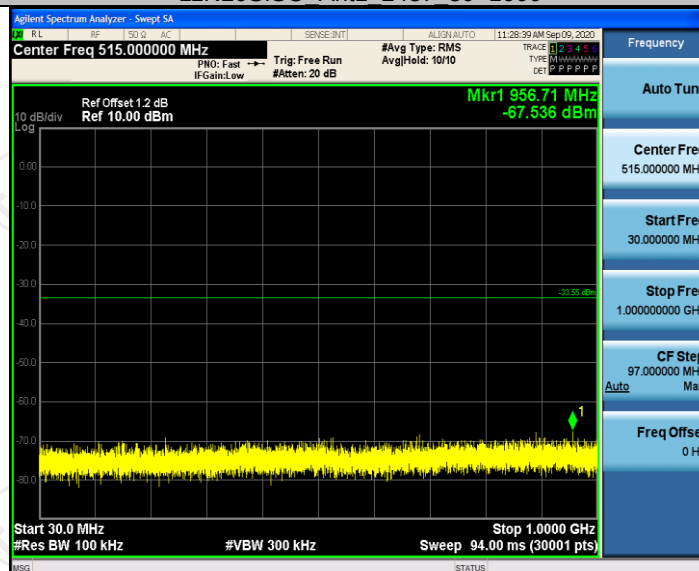
11N20SISO Ant1 2412 1000~26500



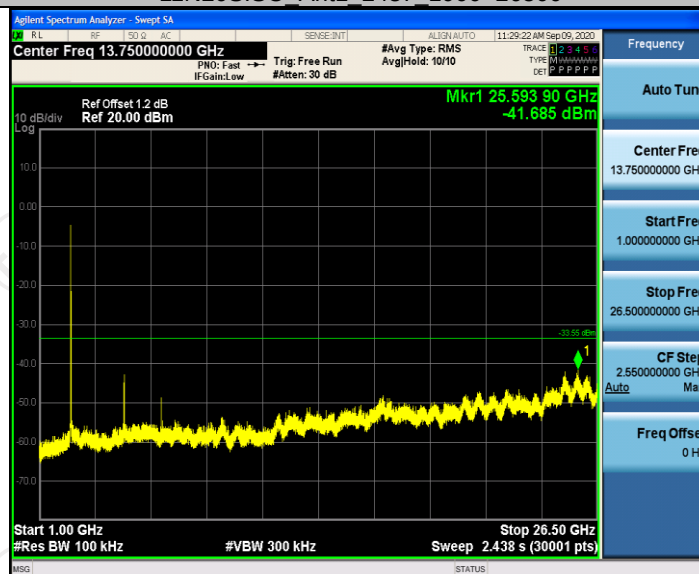
11N20SISO Ant1 2437 0~Reference



11N20SISO Ant1 2437 30-1000



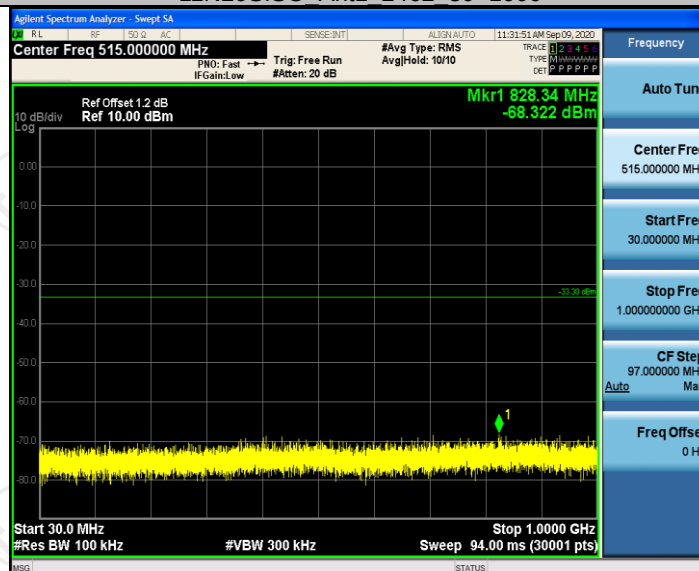
11N20SISO Ant1 2437 1000-26500



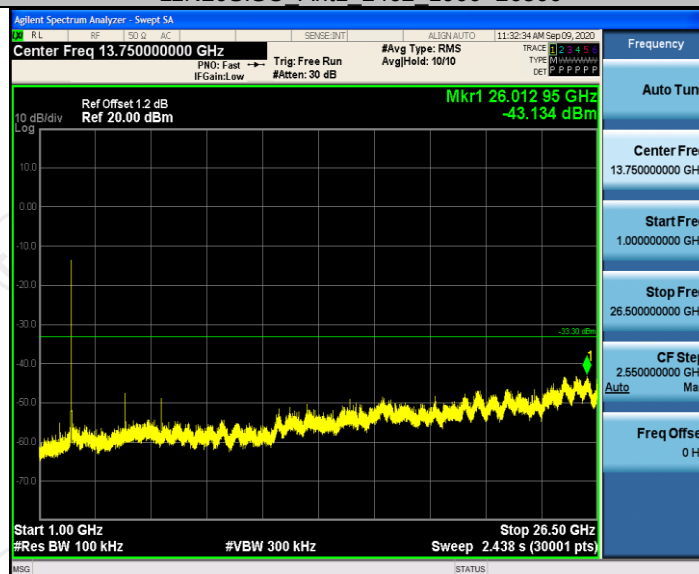
11N20SISO Ant1 2462 0-Reference



11N20SISO Ant1 2462 30~1000



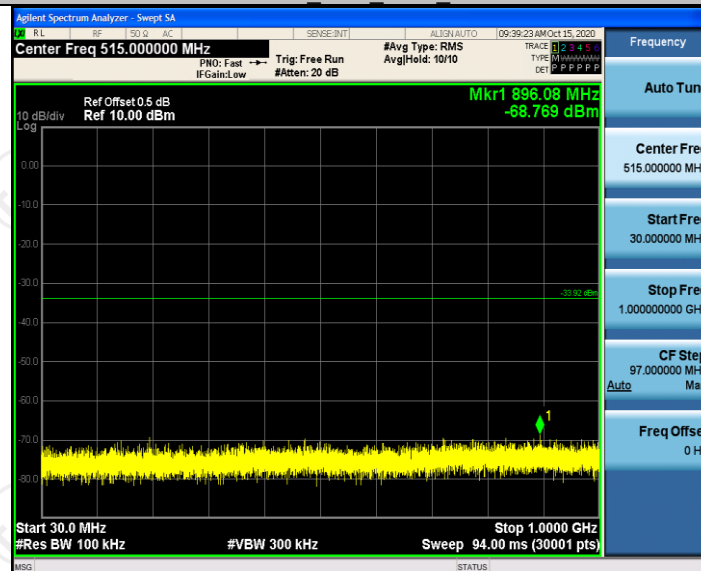
11N20SISO Ant1 2462 1000~26500



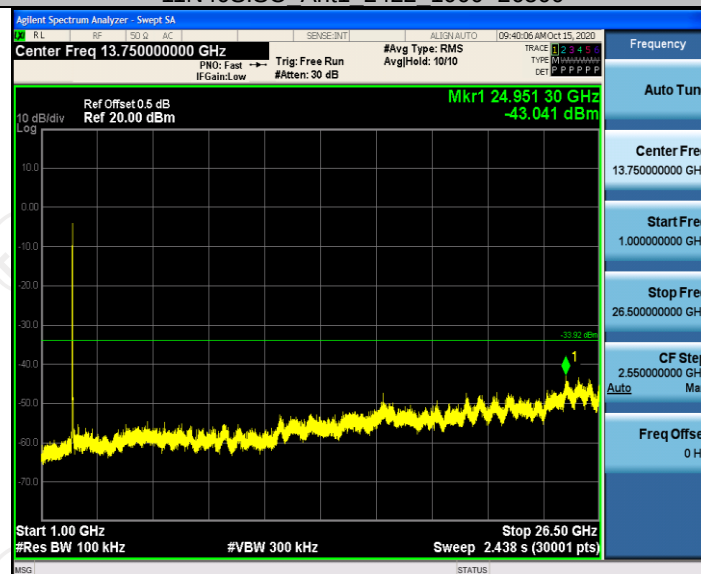
11N40SISO Ant1 2422 0~Reference



11N40SISO Ant1 2422 30~1000



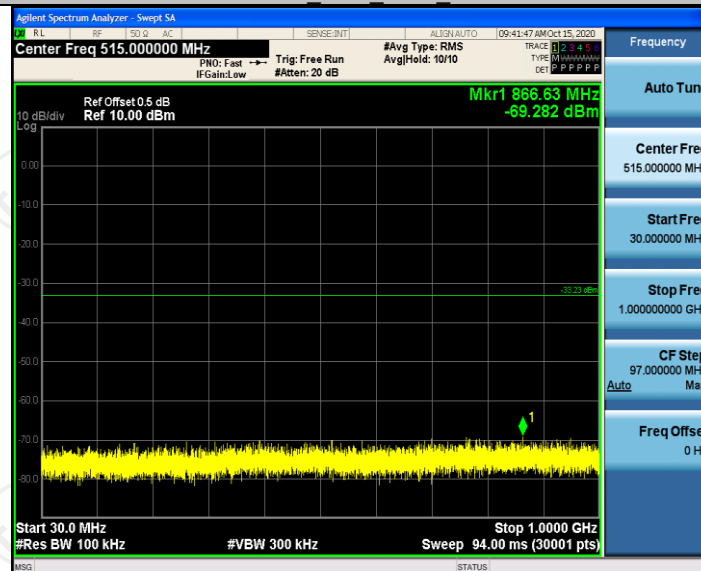
11N40SISO Ant1 2422 1000~26500



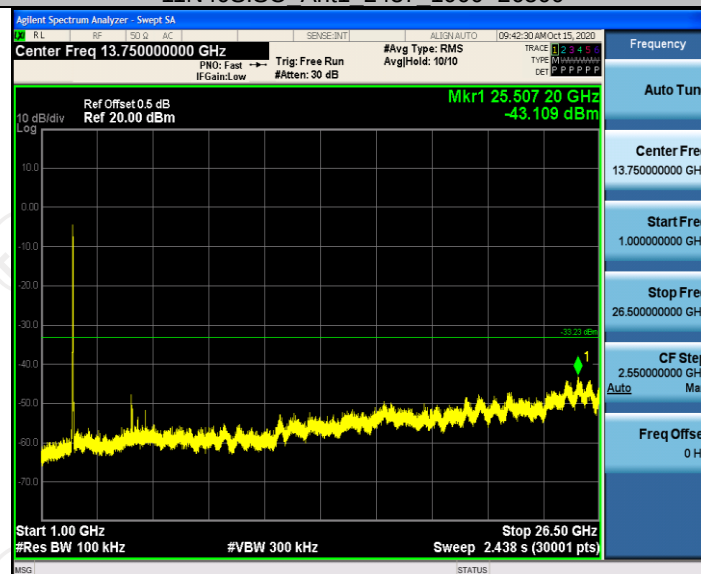
11N40SISO Ant1 2437 0~Reference



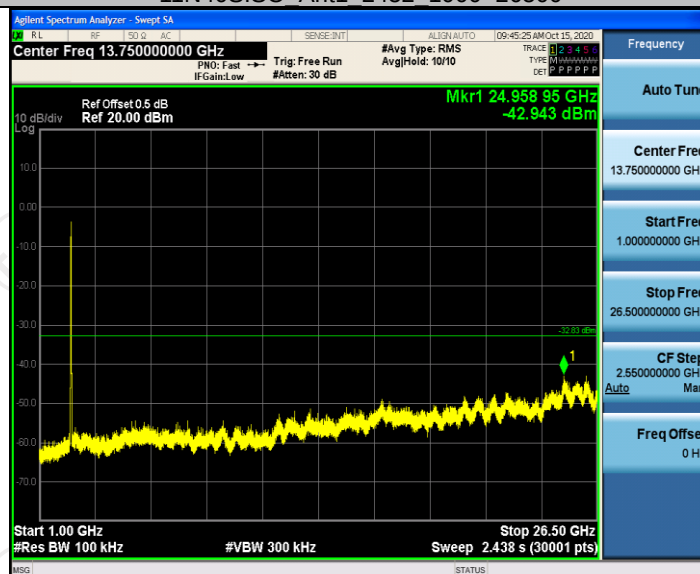
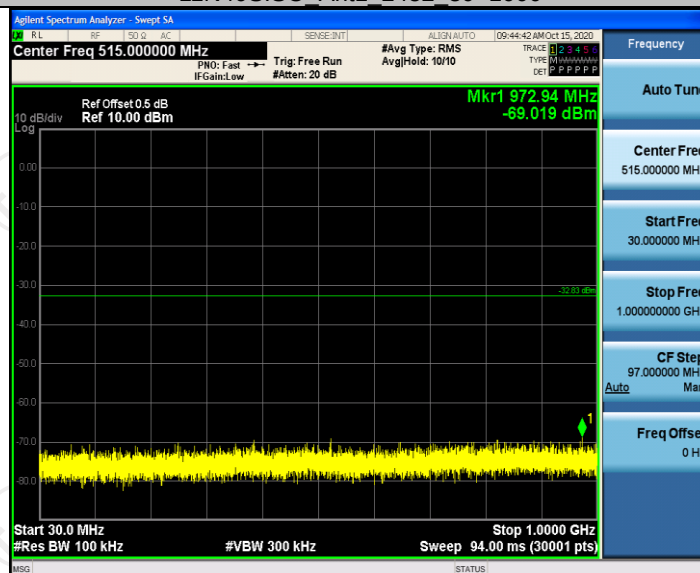
11N40SISO Ant1 2437 30~1000



11N40SISO Ant1 2437 1000~26500



11N40SISO Ant1 2452 0~Reference



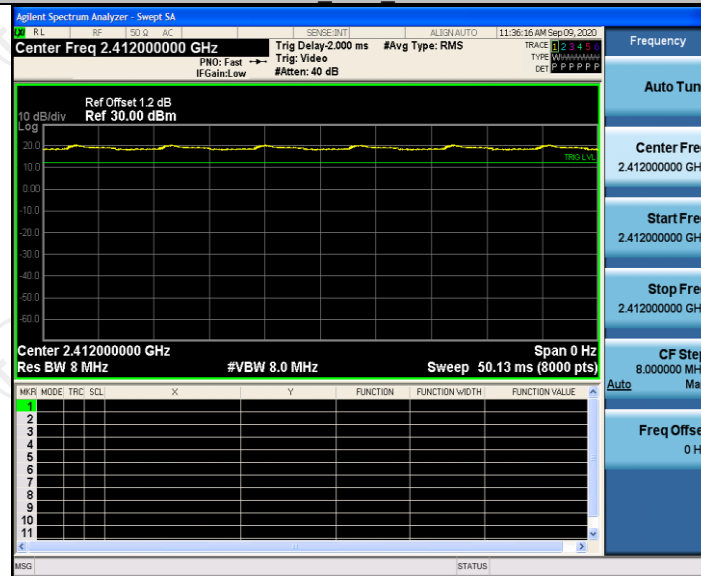
Duty Cycle

Test Result

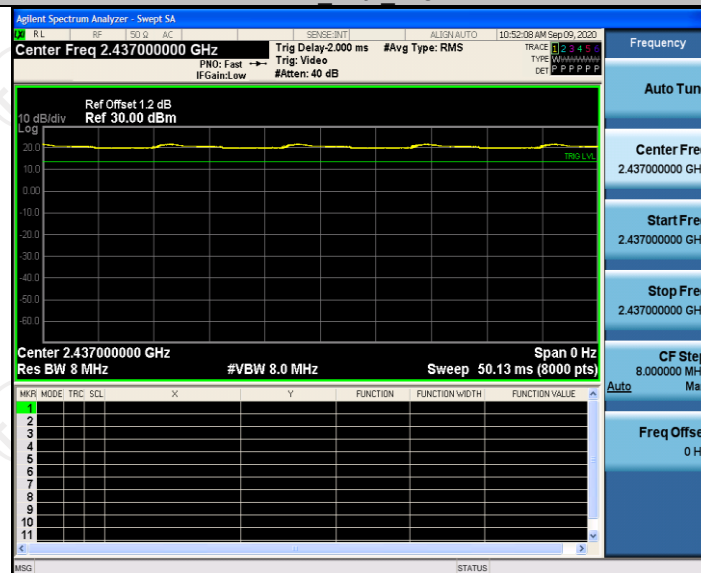
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	50.00	50.00	100.00	---	PASS
		2437	50.00	50.00	100.00	---	PASS
		2462	50.00	50.00	100.00	---	PASS
11G	Ant1	2412	50.00	50.00	100.00	---	PASS
		2437	50.00	50.00	100.00	---	PASS
		2462	50.00	50.00	100.00	---	PASS
11N20SISO	Ant1	2412	50.00	50.00	100.00	---	PASS
		2437	50.00	50.00	100.00	---	PASS
		2462	50.00	50.00	100.00	---	PASS
11N40SISO	Ant1	2422	50.00	50.00	100.00	---	PASS
		2437	50.00	50.00	100.00	---	PASS
		2452	50.00	50.00	100.00	---	PASS

Test Graphs

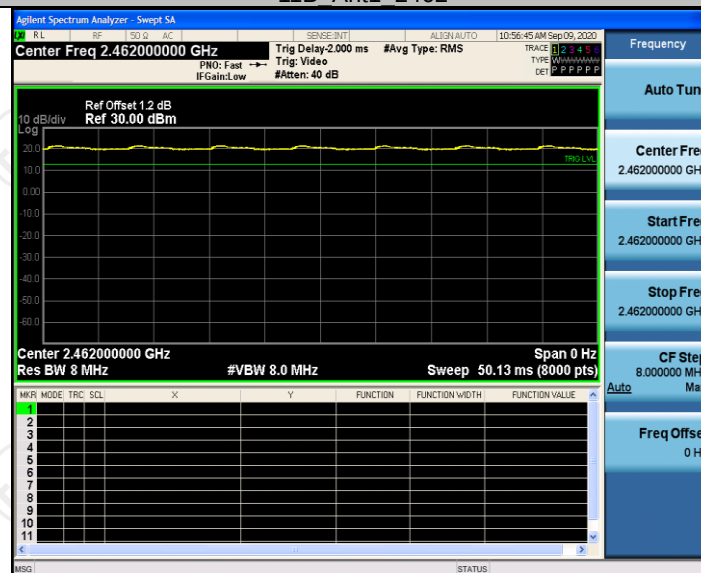
11B Ant1 2412



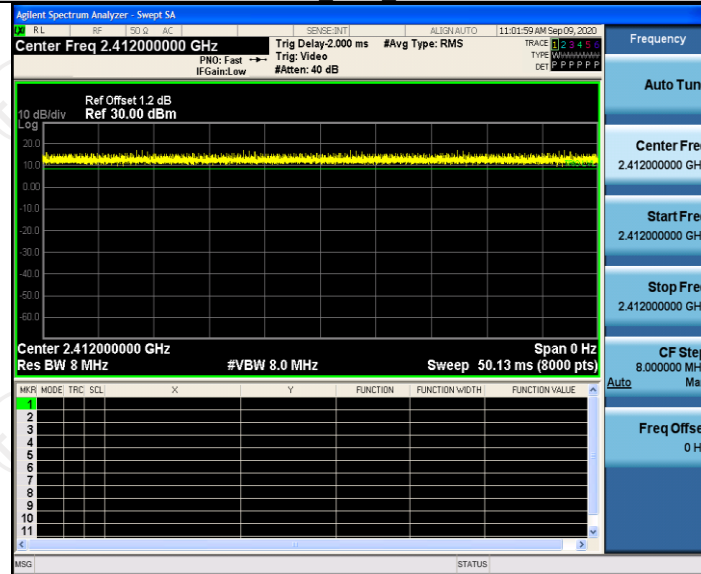
11B Ant1 2437



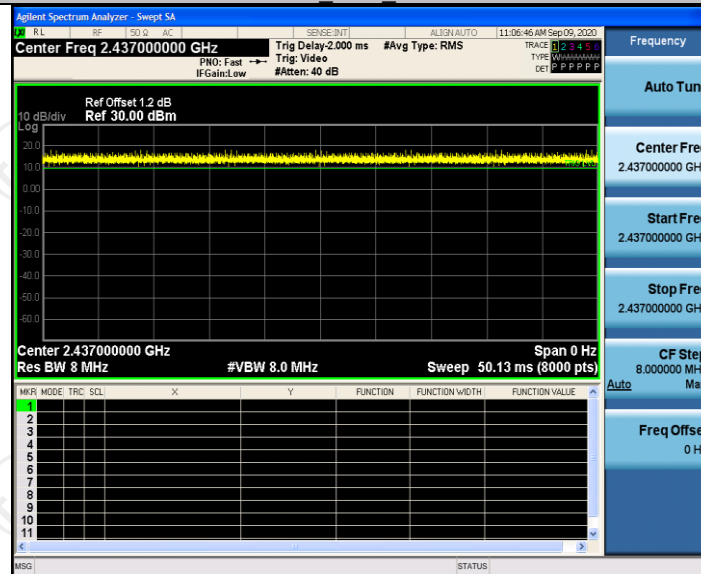
11B Ant1 2462



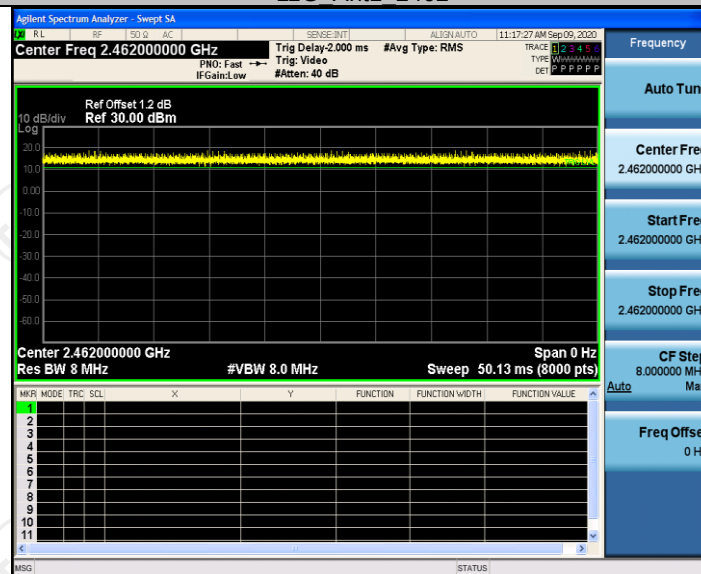
11G Ant1 2412



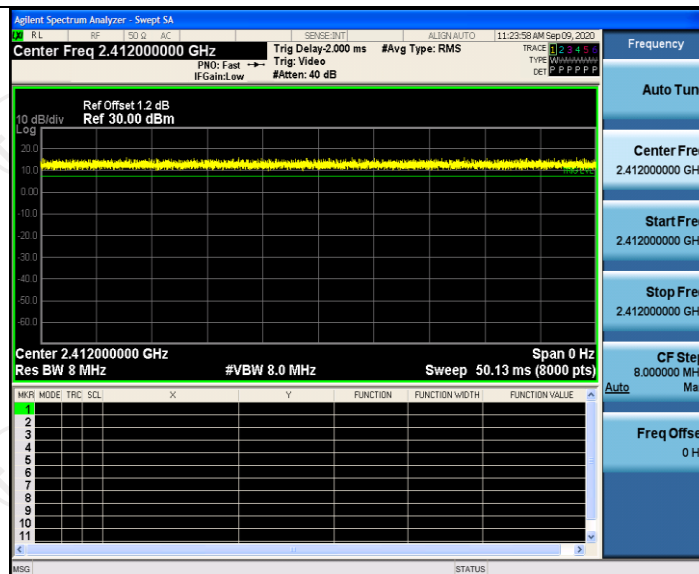
11G Ant1 2437



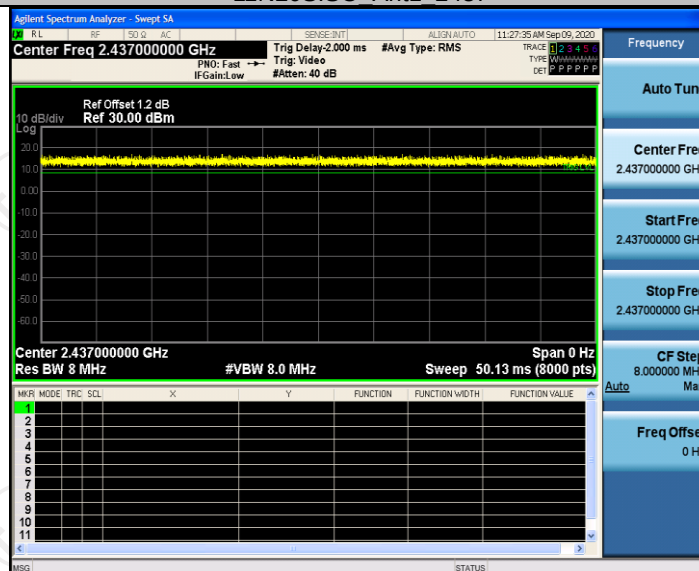
11G Ant1 2462



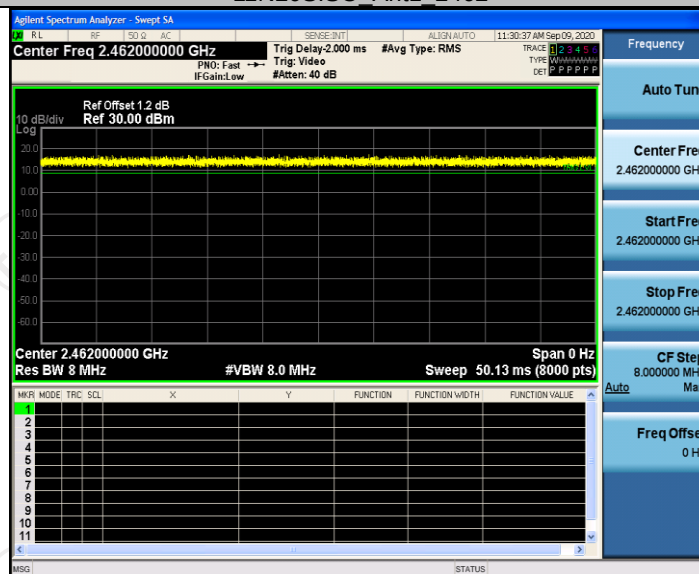
11N20SISO Ant1 2412



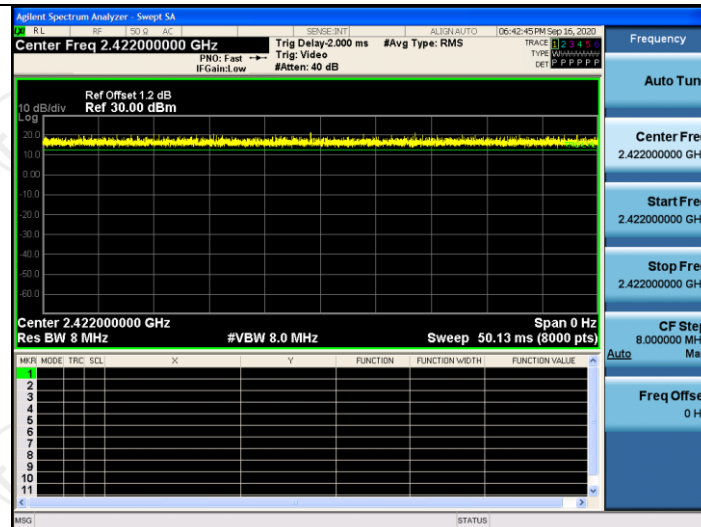
11N20SISO Ant1 2437



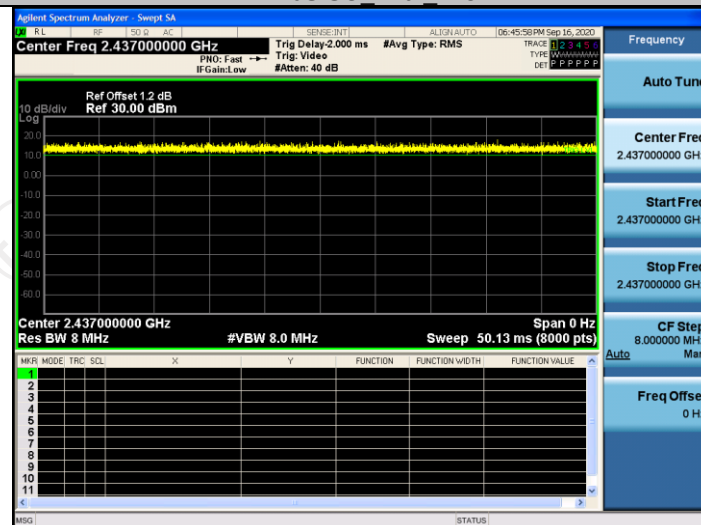
11N20SISO Ant1 2462



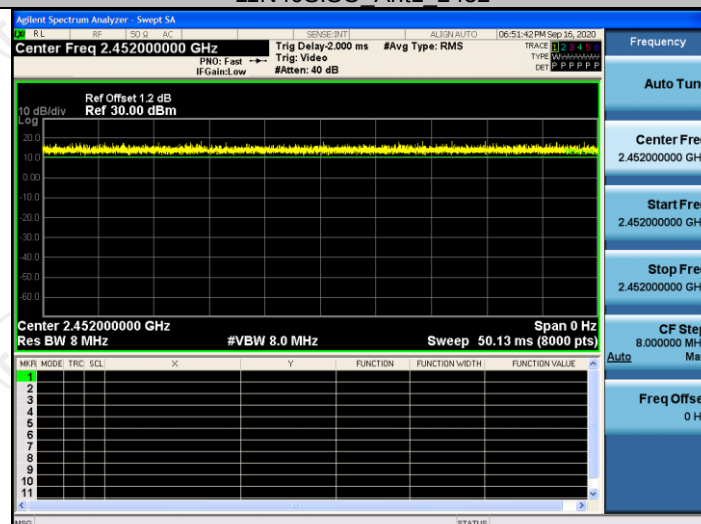
11N40SISO Ant1 2422



11N40SISO Ant1 2437



11N40SISO Ant1 2452



Appendix B: Photographs of Test Setup

Product: battery camera

Model: Astro

Radiated Emission

