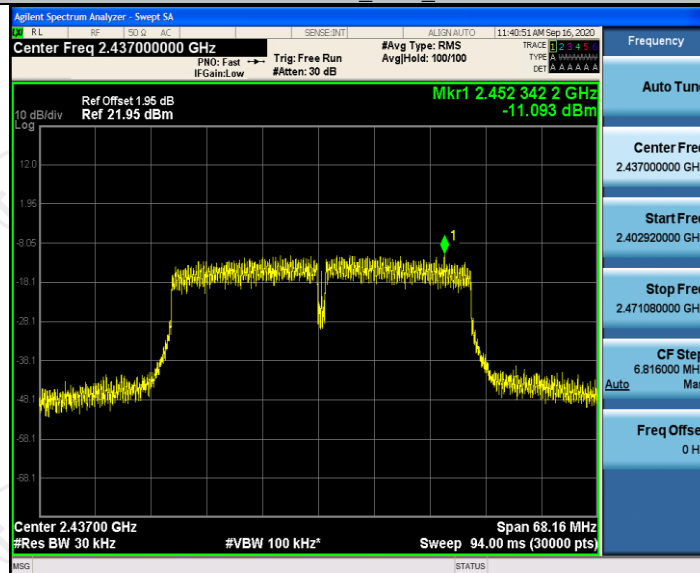
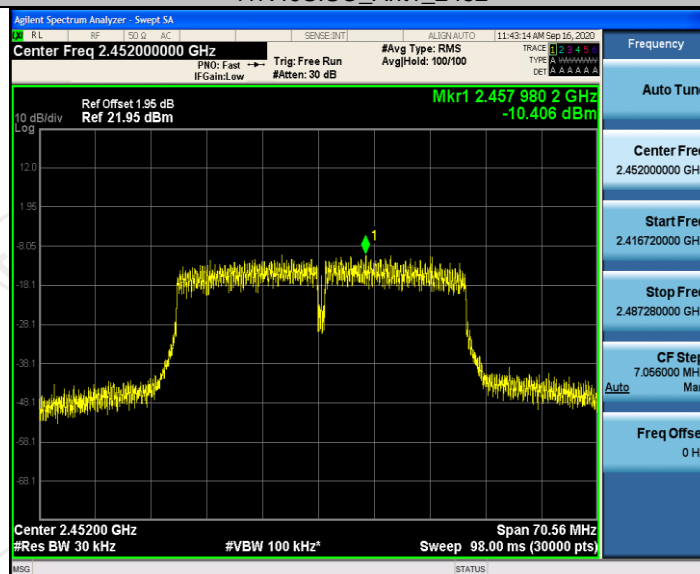


11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



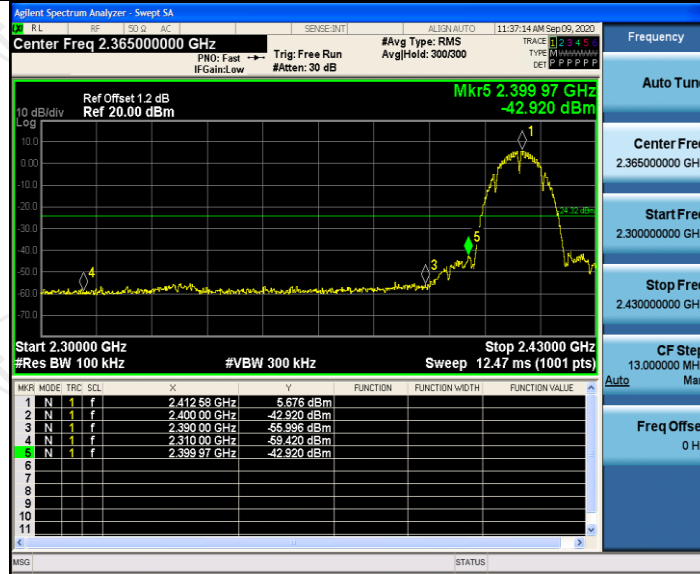
Band edge measurements

Test Result

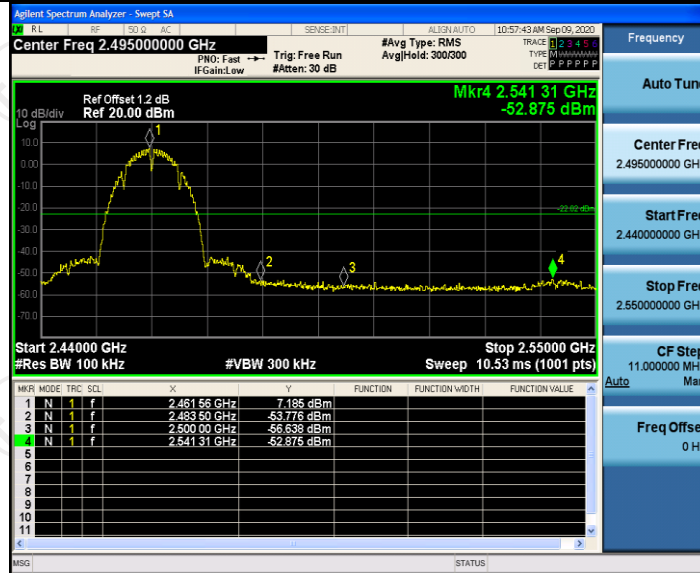
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	5.68	-42.92	<=-24.32	PASS
		High	2462	7.19	-52.88	<=-22.82	PASS
11G	Ant1	Low	2412	-4.71	-41.34	<=-34.71	PASS
		High	2462	-3.17	-52.77	<=-33.17	PASS
11N20SISO	Ant1	Low	2412	-4.93	-40.10	<=-34.94	PASS
		High	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

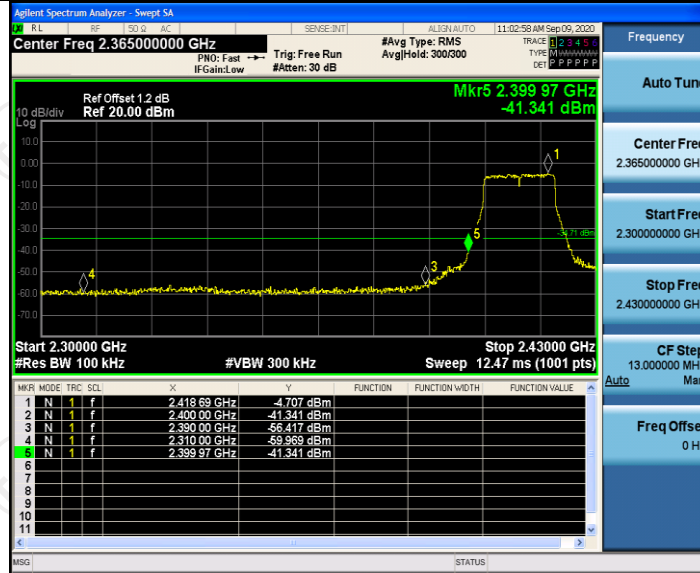
11B_Ant1_Low_2412



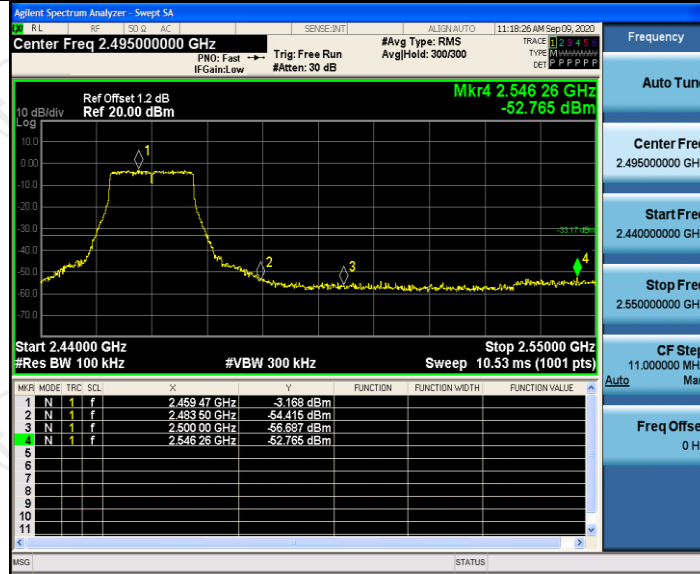
11B_Ant1_High_2462



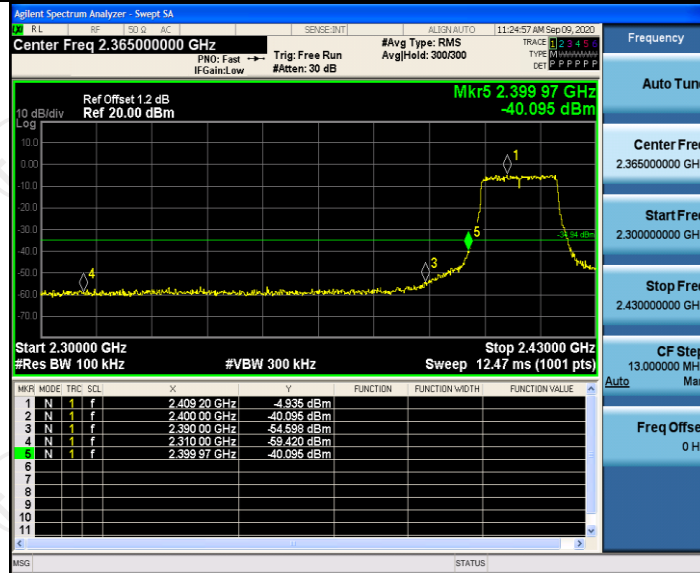
11G_Ant1_Low_2412



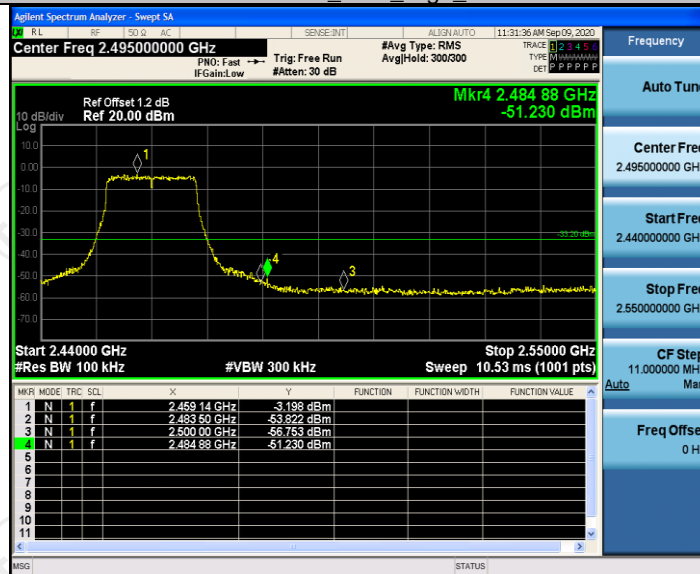
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

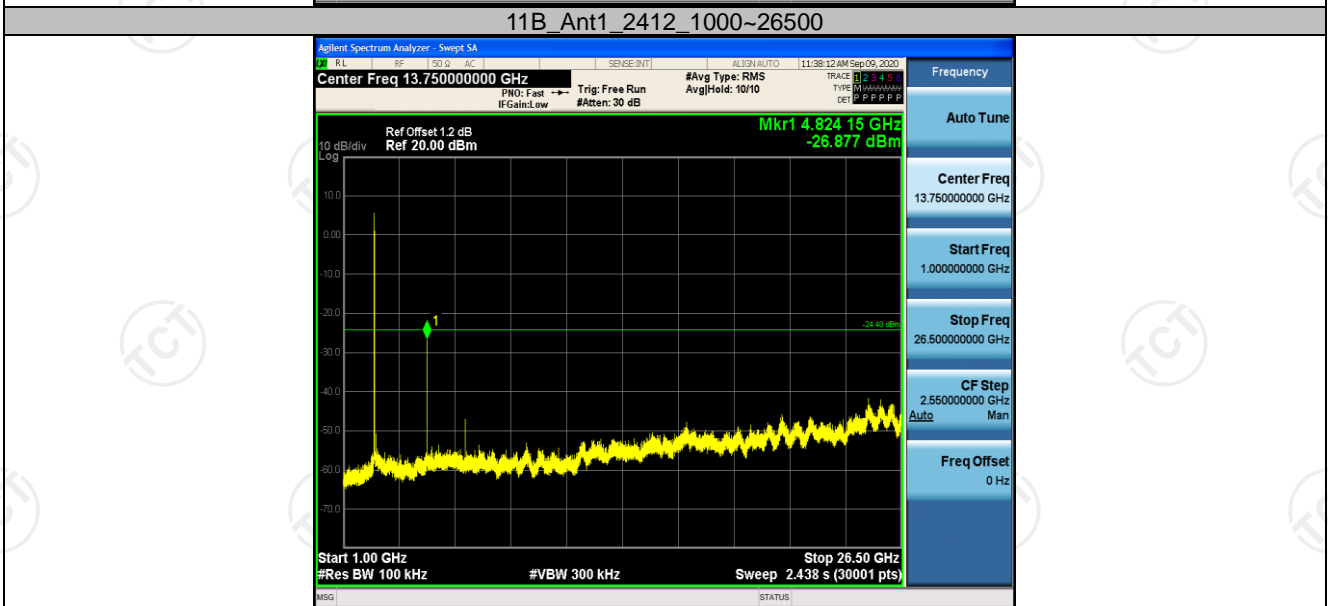
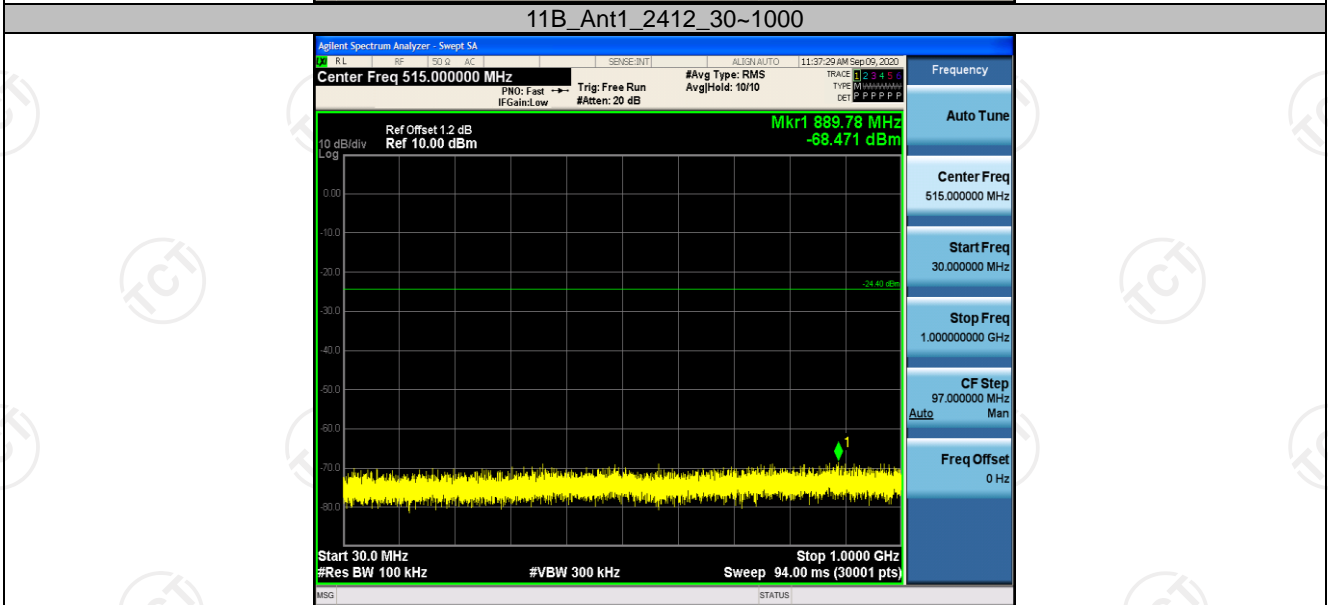
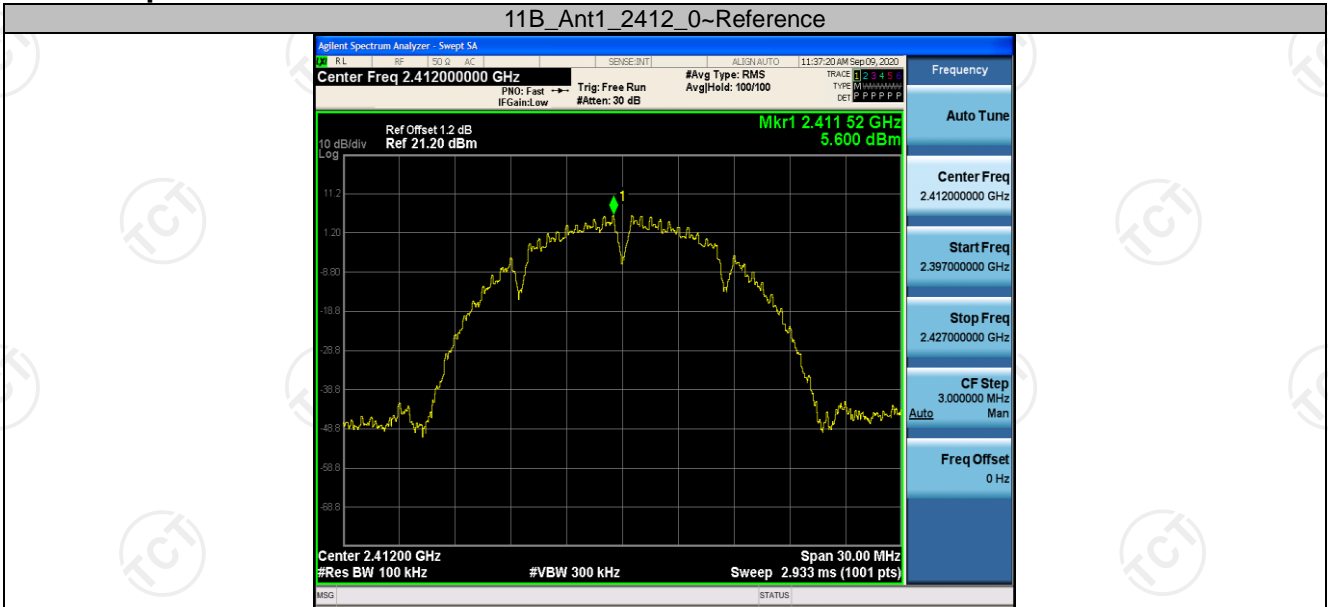


Conducted Spurious Emission

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

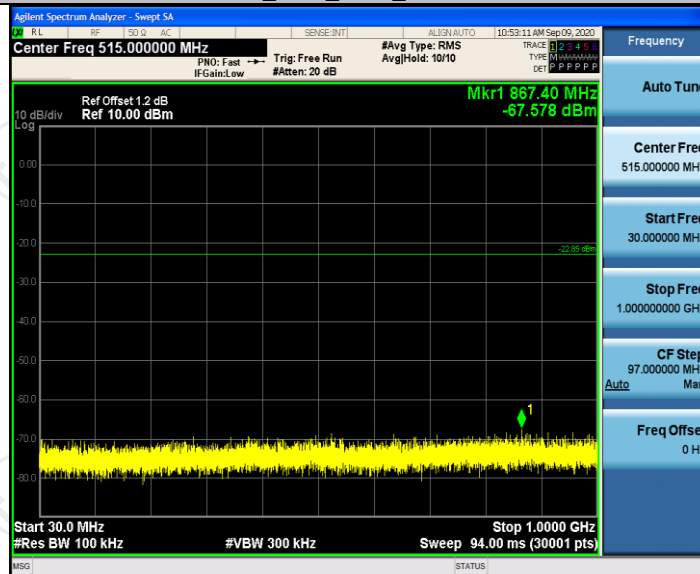
Test Graphs



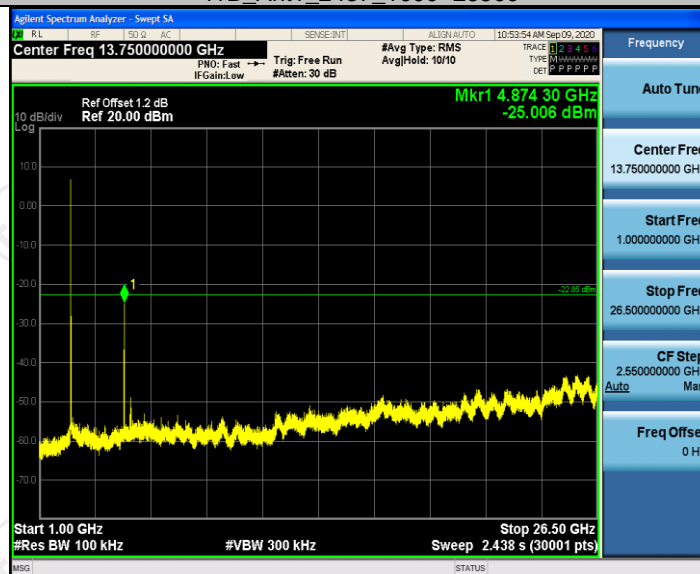
11B_Ant1_2437_0-Reference



11B_Ant1_2437_30~1000



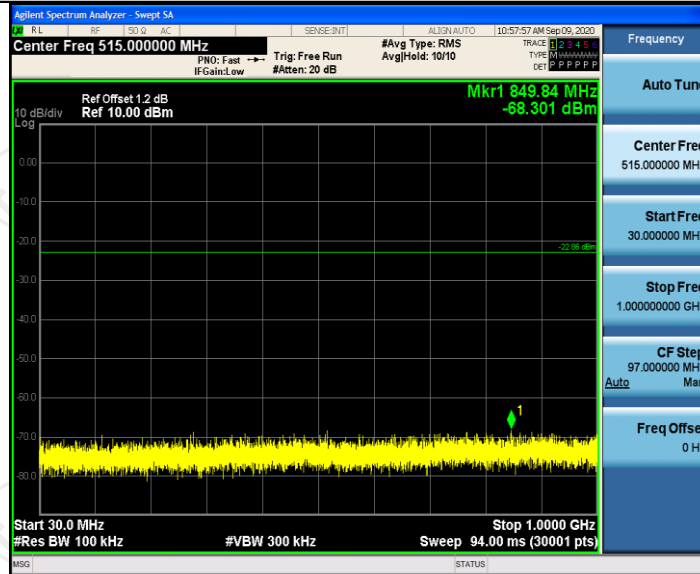
11B_Ant1_2437_1000~26500



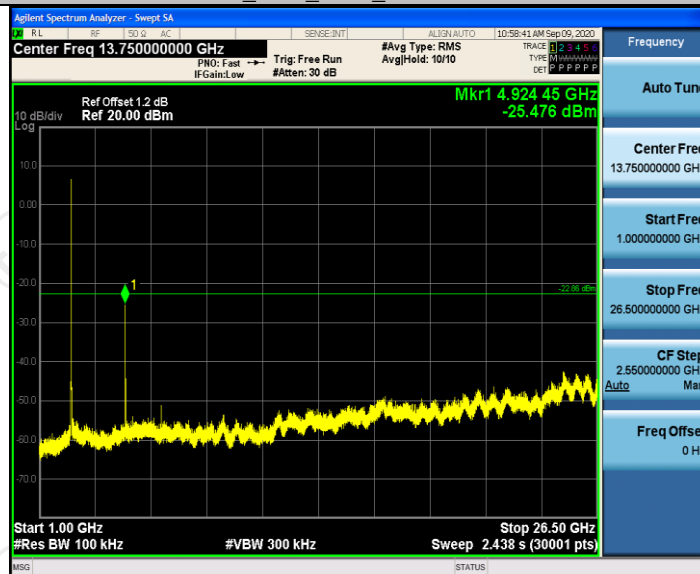
11B_Ant1_2462_0-Reference



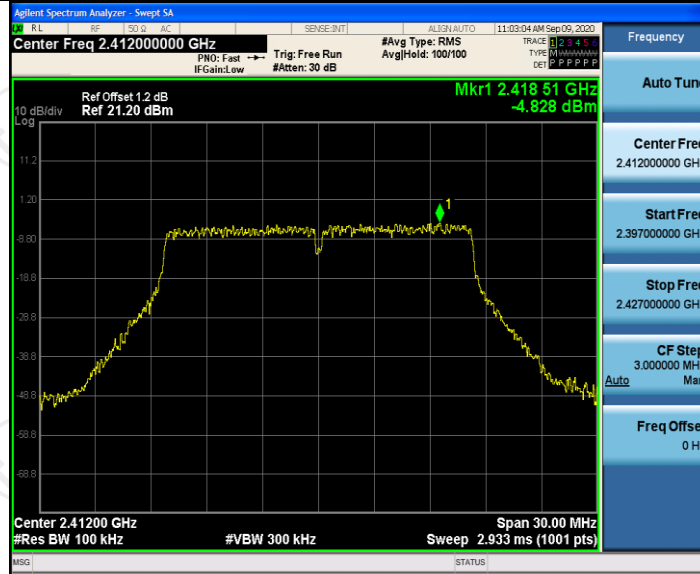
11B_Ant1_2462_30~1000



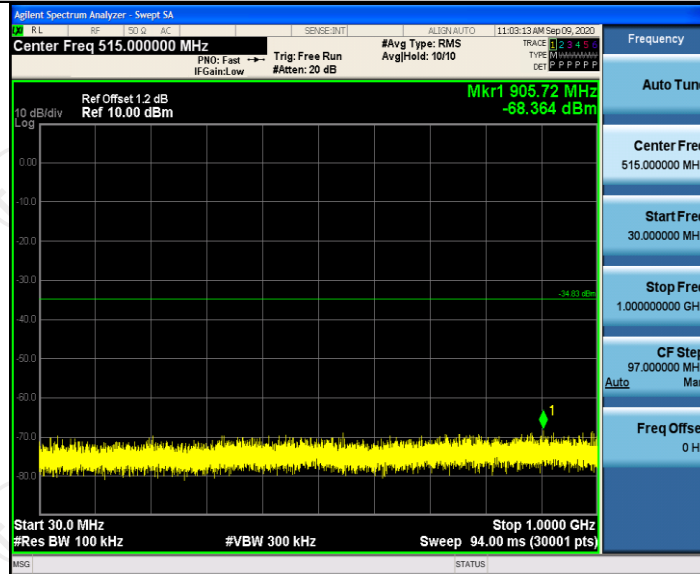
11B_Ant1_2462_1000~26500



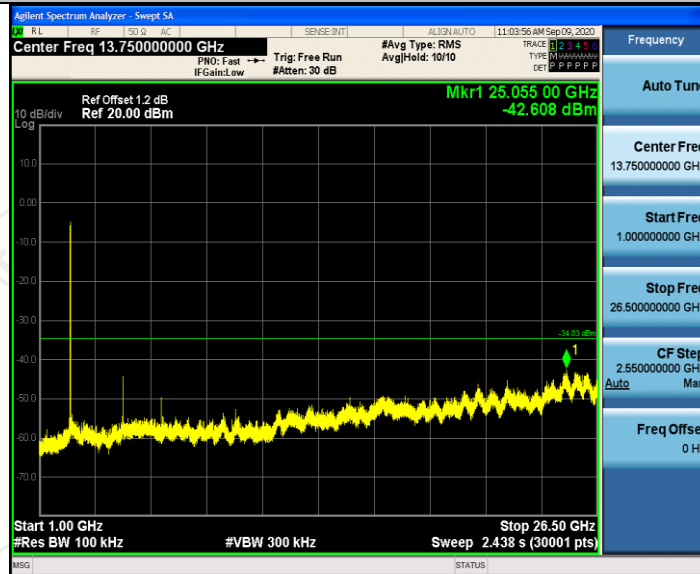
11G_Ant1_2412_0-Reference



11G_Ant1_2412_30~1000



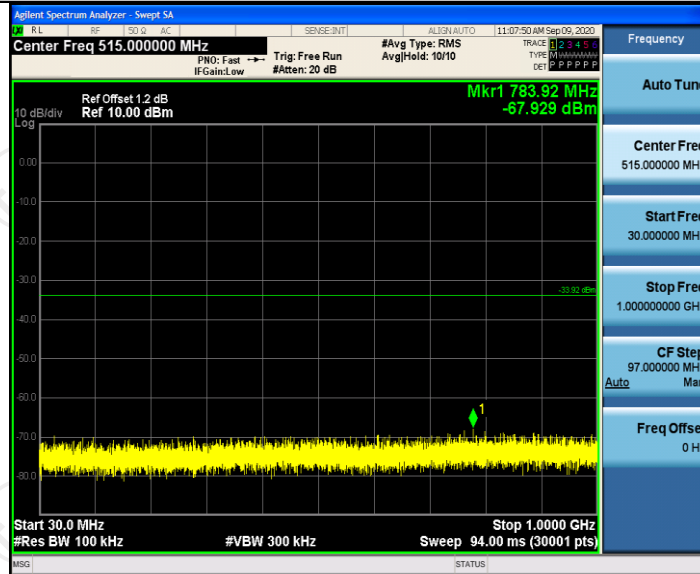
11G_Ant1_2412_1000~26500



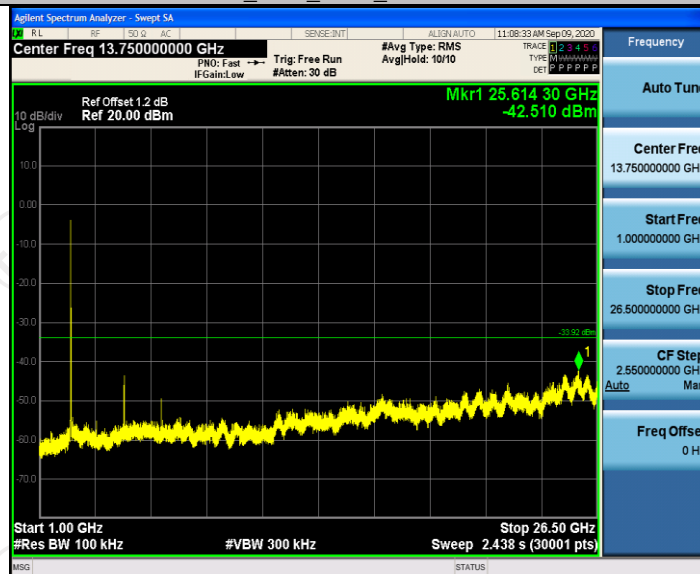
11G_Ant1_2437_0~Reference



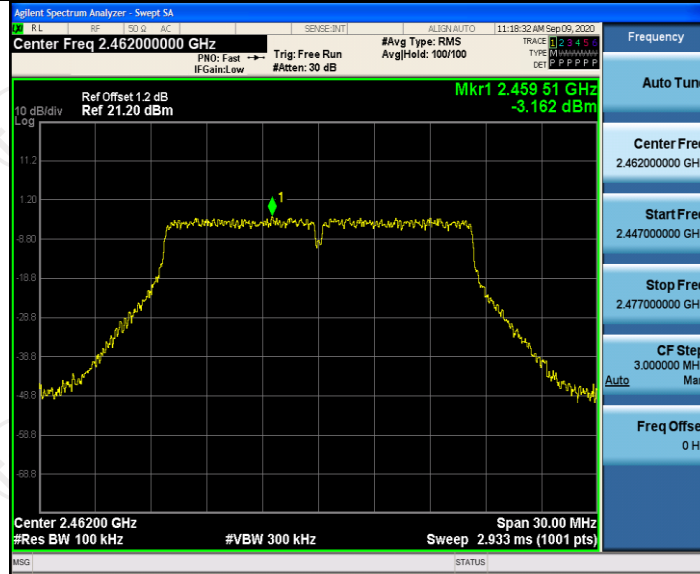
11G_Ant1_2437_30~1000



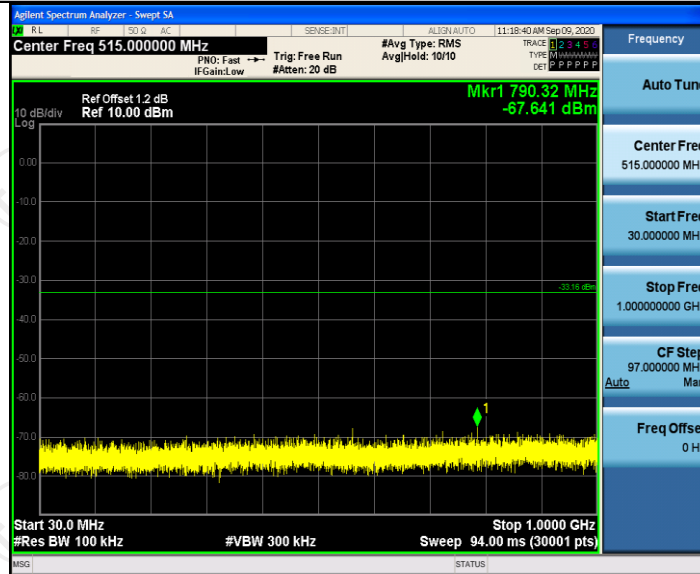
11G_Ant1_2437_1000~26500



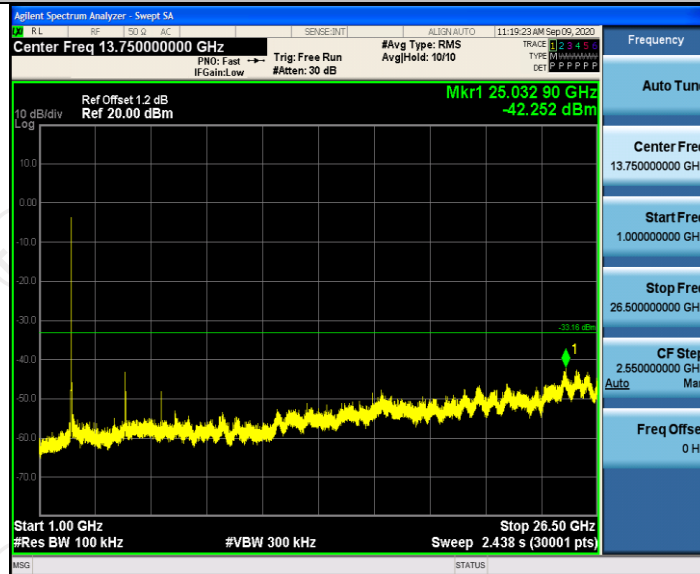
11G_Ant1_2462_0~Reference



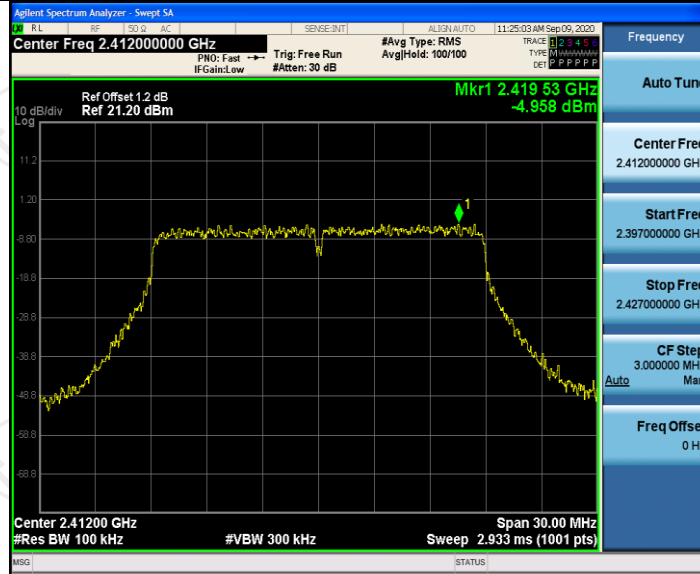
11G_Ant1_2462_30~1000



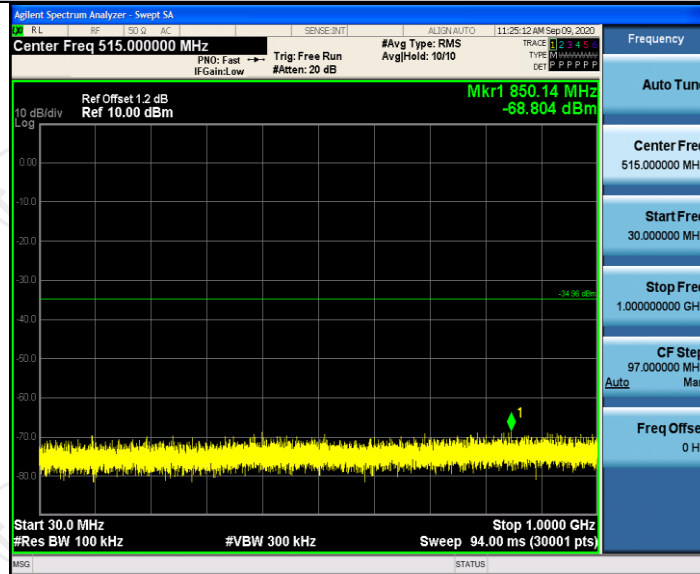
11G_Ant1_2462_1000~26500



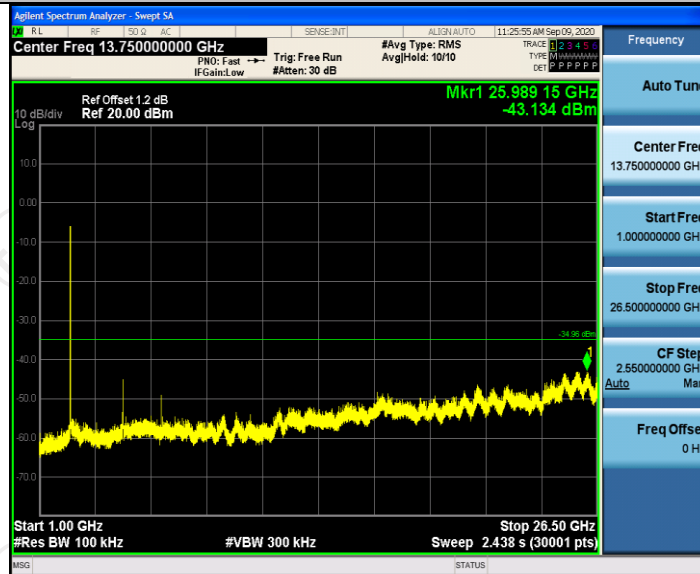
11N20SISO_Ant1_2412_0~Reference



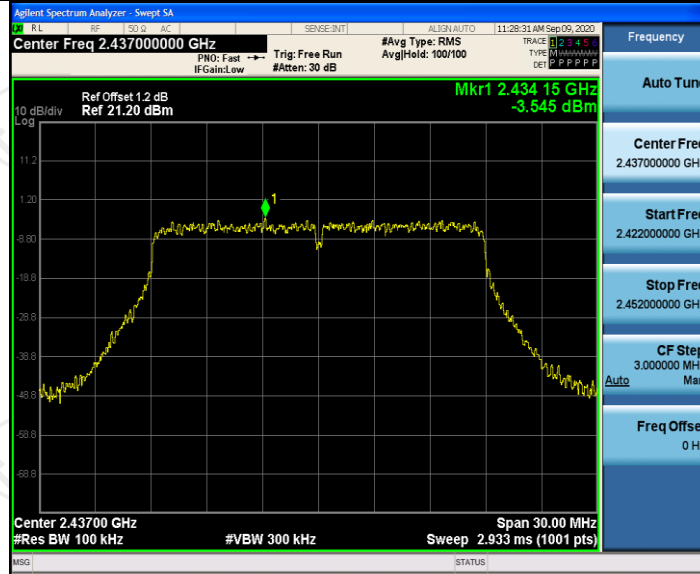
11N20SISO_Ant1_2412_30~1000



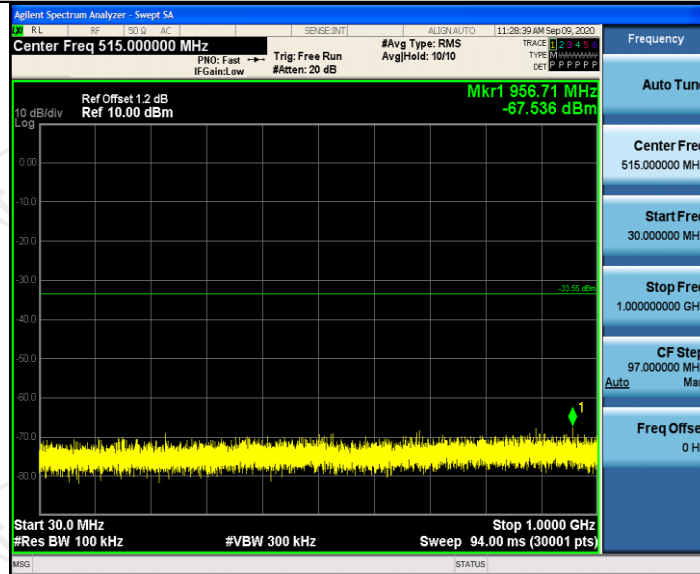
11N20SISO_Ant1_2412_1000~26500



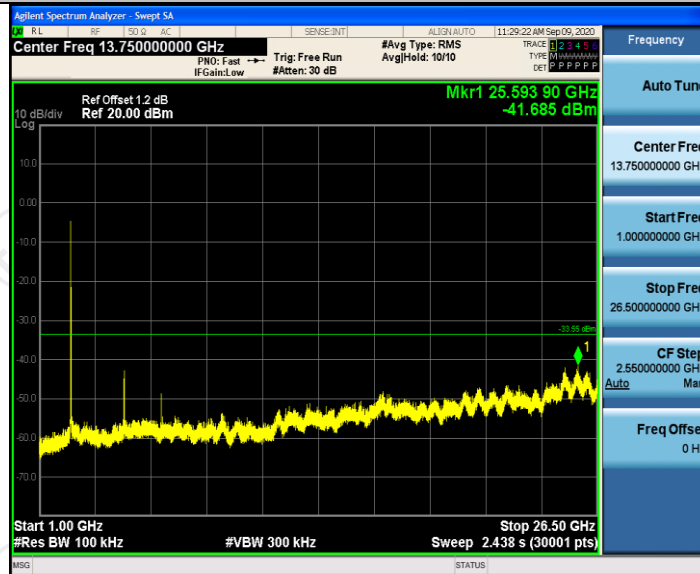
11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



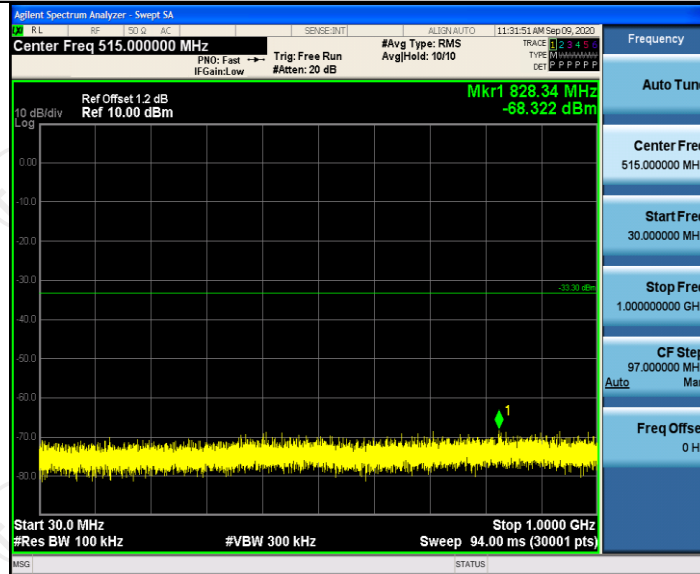
11N20SISO_Ant1_2437_1000~26500



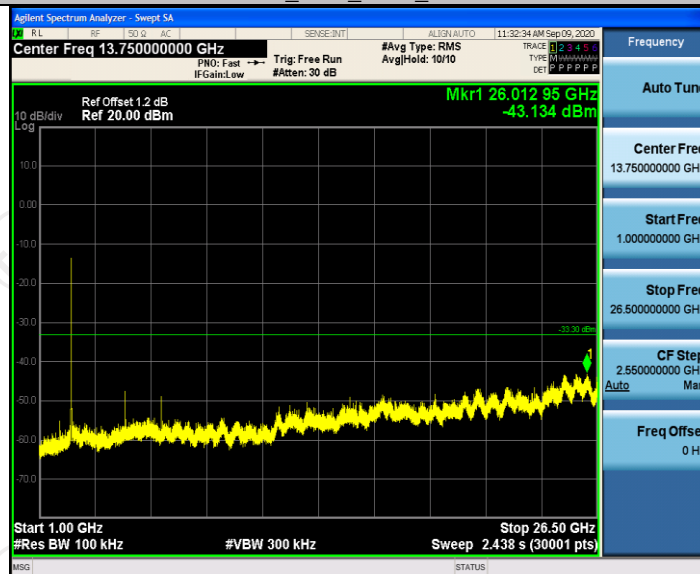
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



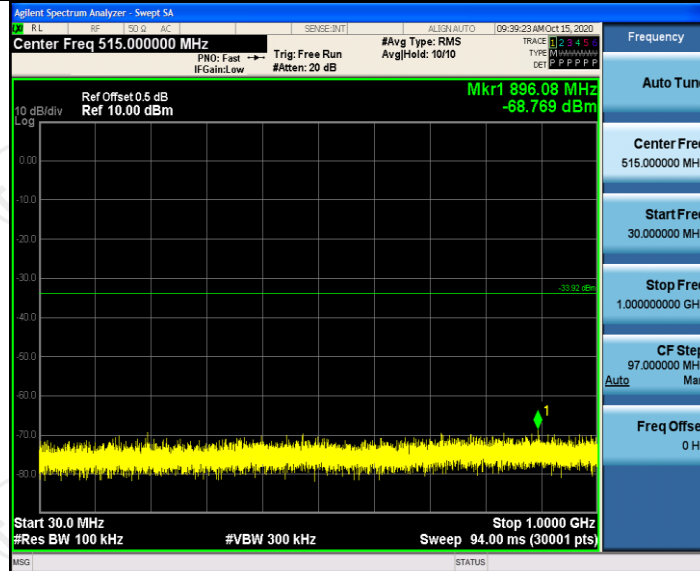
11N20SISO_Ant1_2462_1000~26500



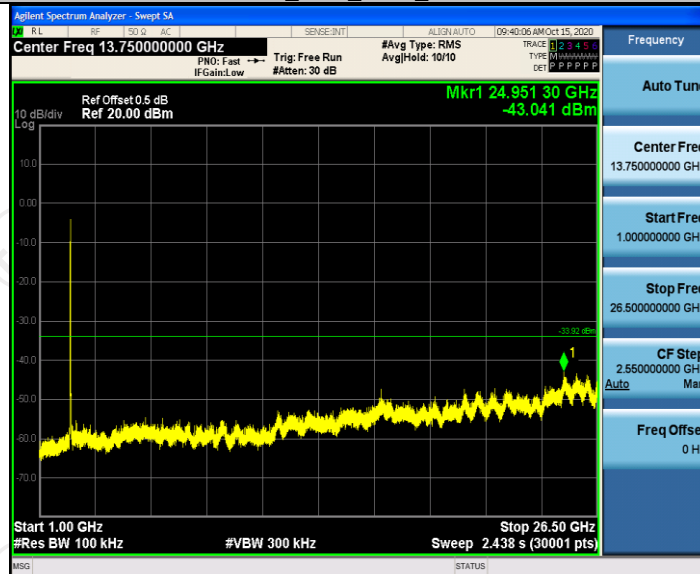
11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



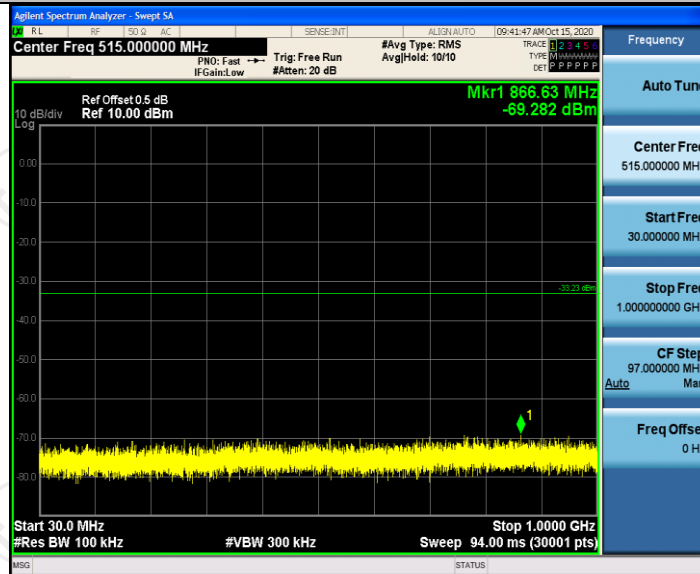
11N40SISO_Ant1_2422_1000~26500



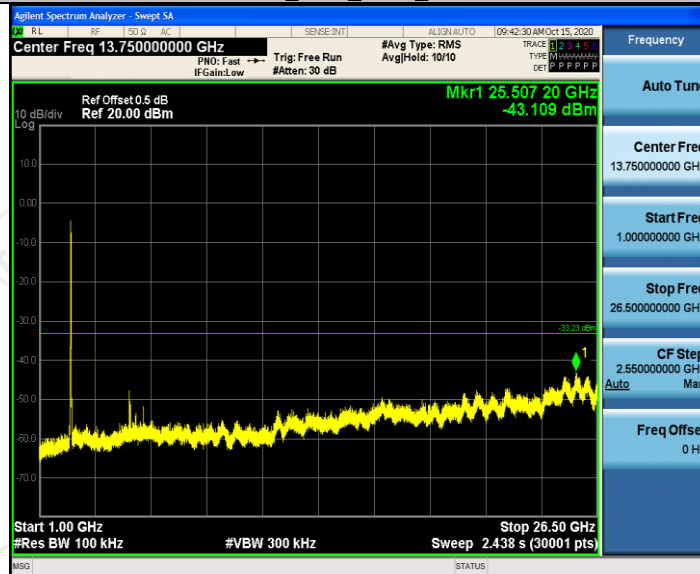
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



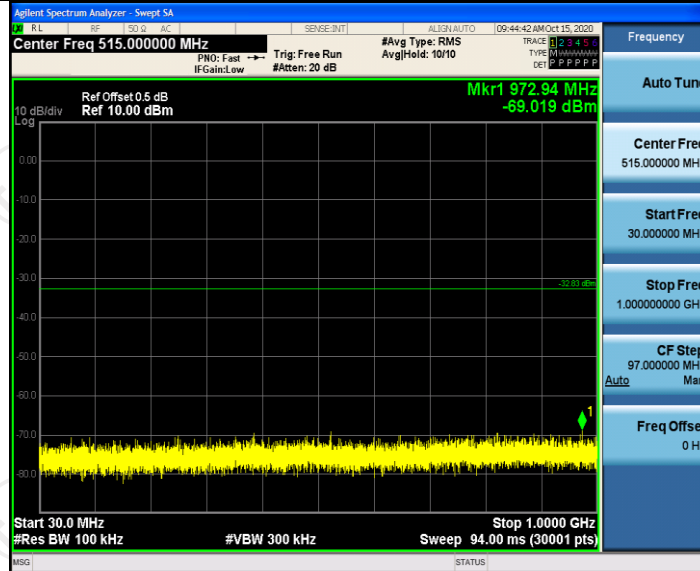
11N40SISO_Ant1_2437_1000~26500



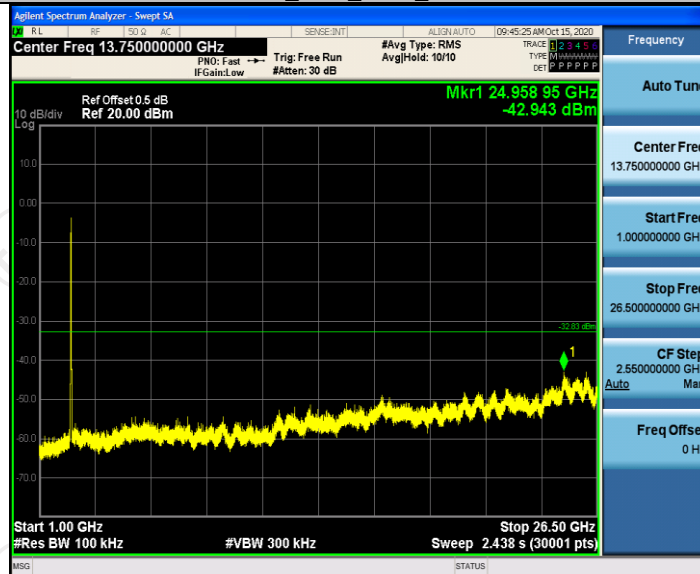
11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500



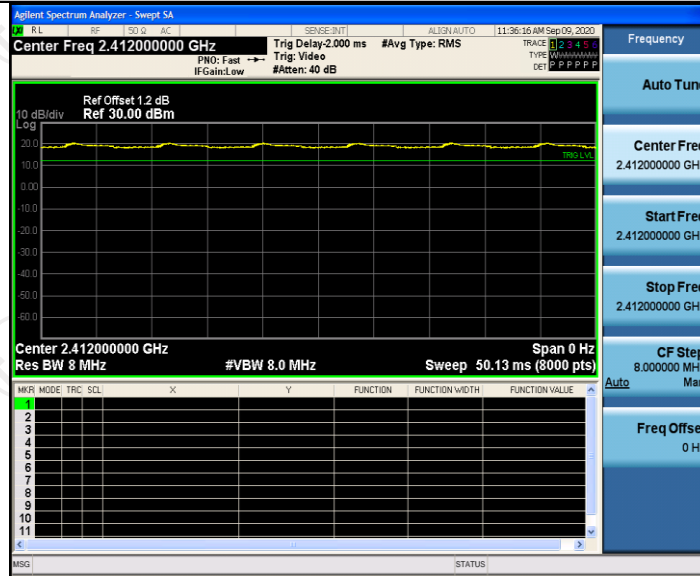
Duty Cycle

Test Result

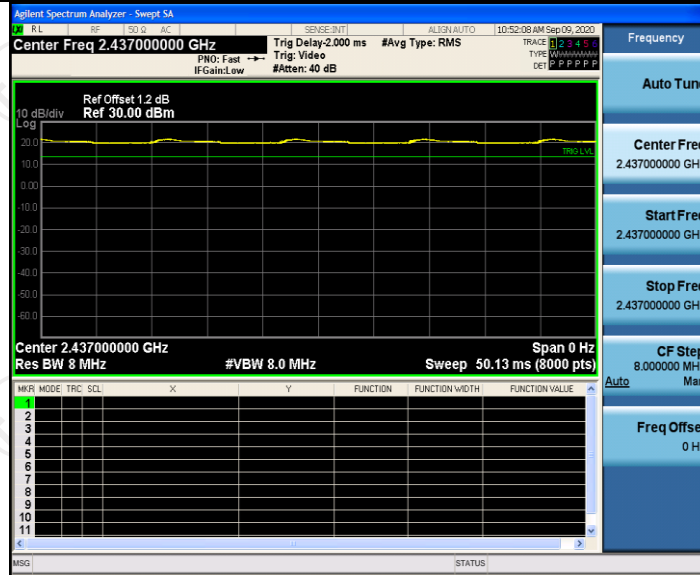
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	50.00	50.00	100.00	---	PASS
		2437	50.00	50.00	100.00	---	PASS
		2462	50.00	50.00	100.00	---	PASS
11G	Ant1	2412	50.00	50.00	100.00	---	PASS
		2437	50.00	50.00	100.00	---	PASS
		2462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

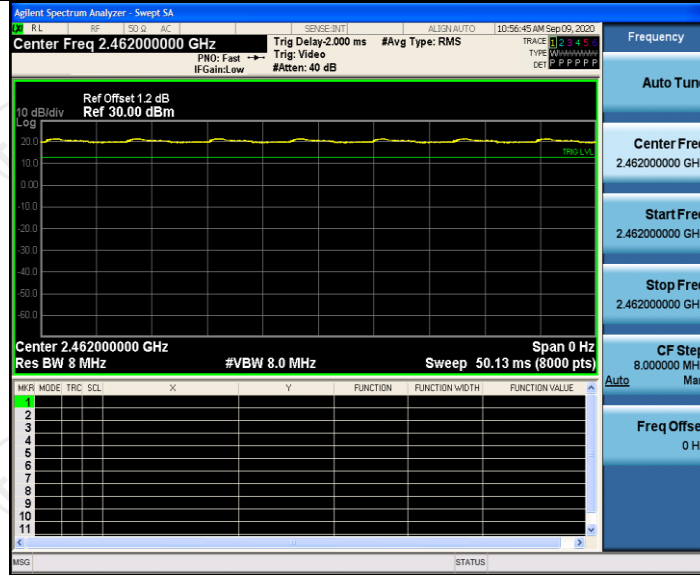
11B_Ant1_2412



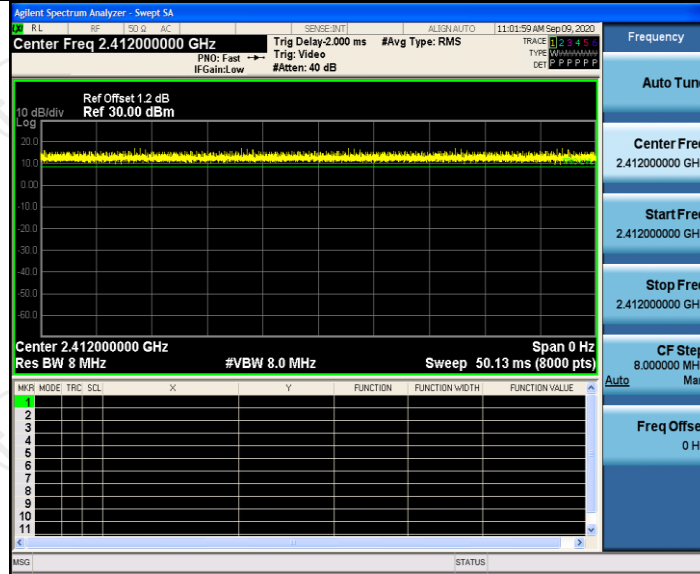
11B_Ant1_2437



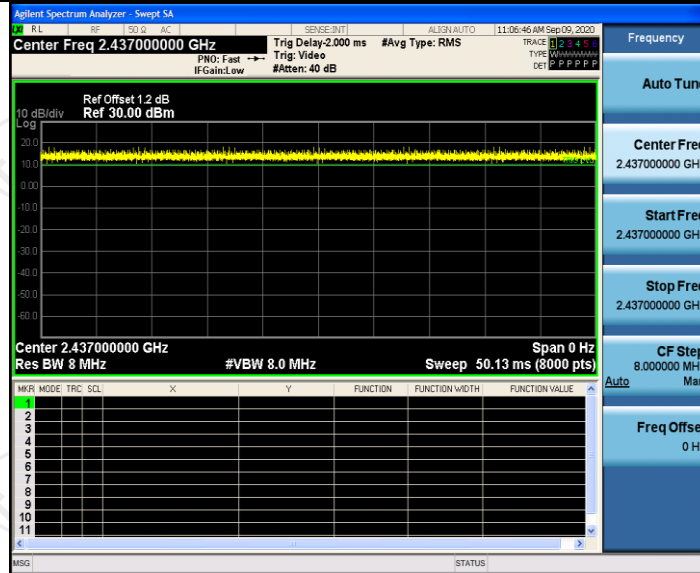
11B_Ant1_2462



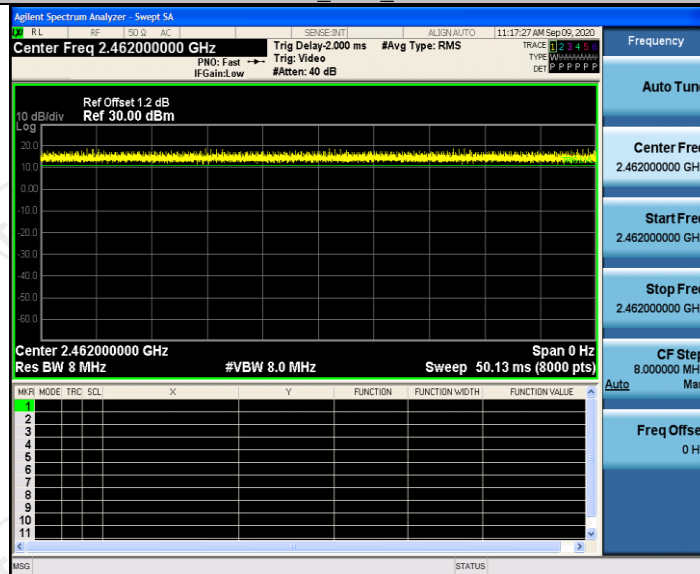
11G_Ant1_2412



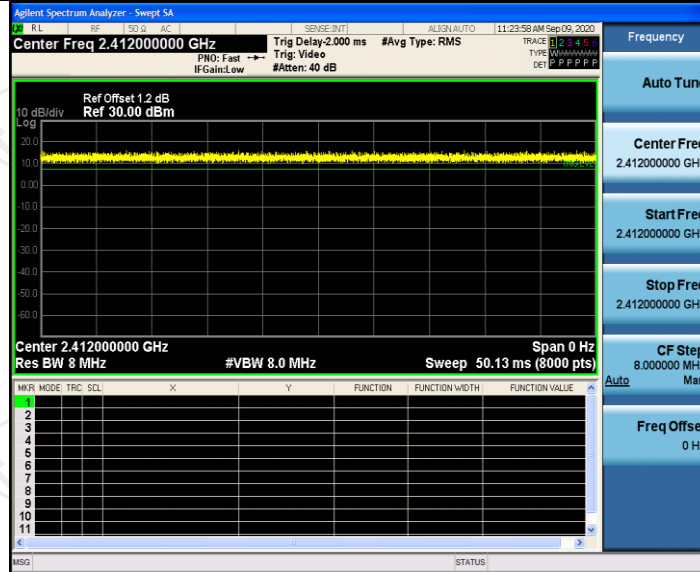
11G_Ant1_2437



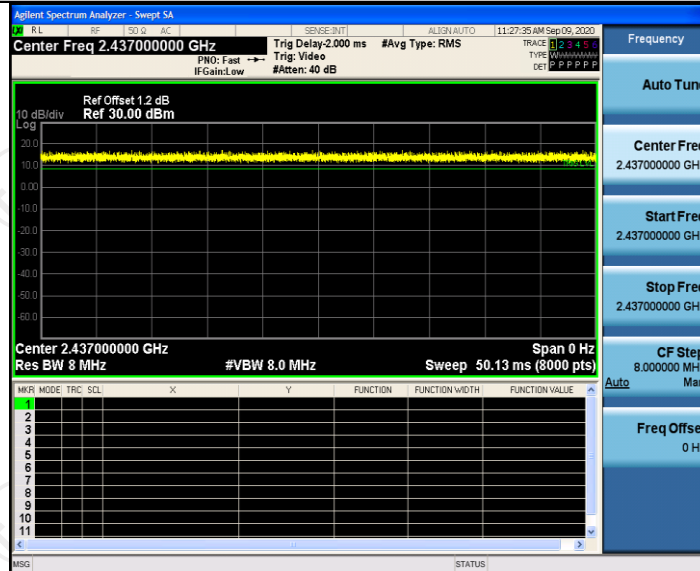
11G_Ant1_2462



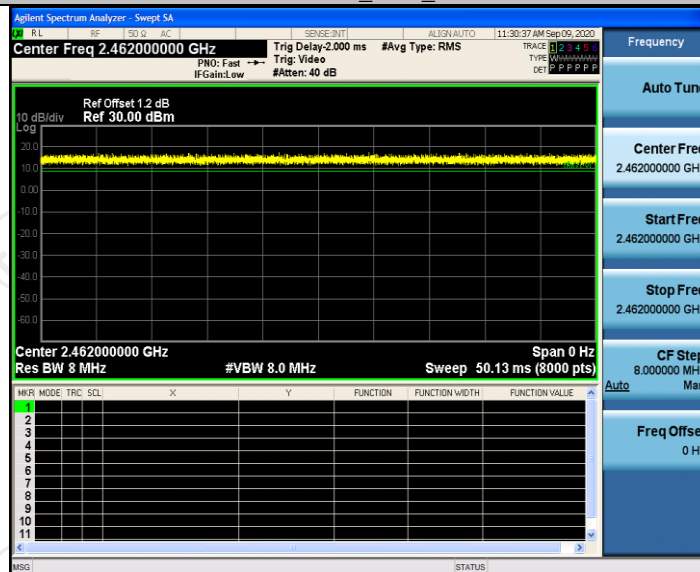
11N20SISO_Ant1_2412



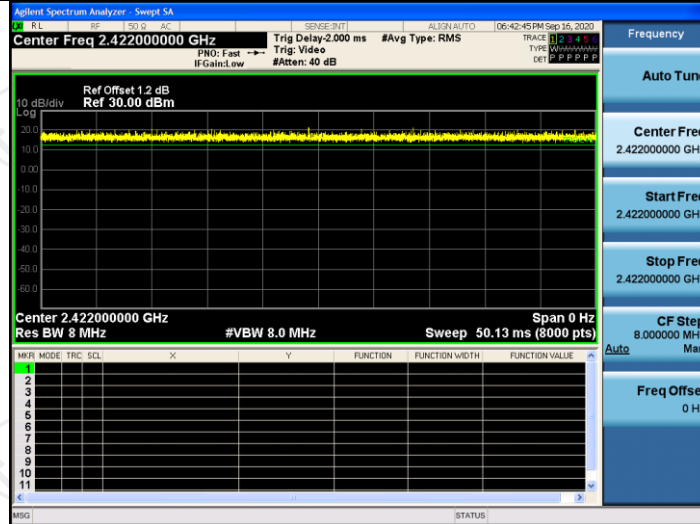
11N20SISO_Ant1_2437



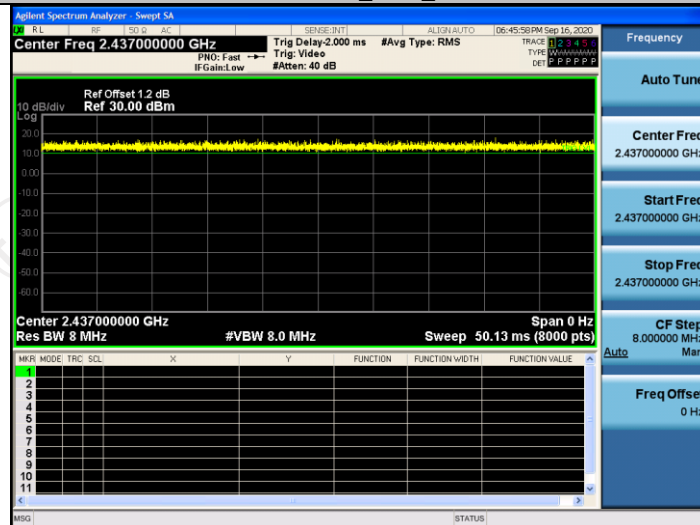
11N20SISO_Ant1_2462



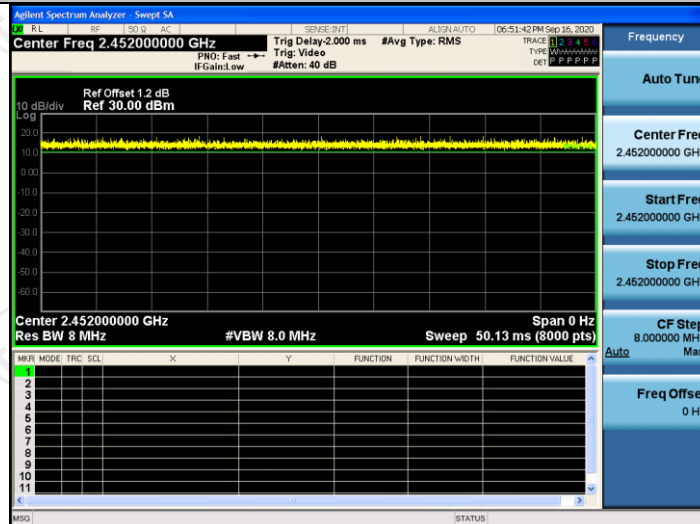
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix B: Photographs of Test Setup

Product: battery camera

Model: Astro

Radiated Emission

