

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/30kHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.69	-18.69	<=8	PASS
		2437	-8.93	-18.93	<=8	PASS
		2462	-9.53	-19.53	<=8	PASS
11G	Ant1	2412	-11.77	-21.77	<=8	PASS
		2437	-12.27	-22.27	<=8	PASS
		2462	-11.69	-21.69	<=8	PASS
11N20SISO	Ant1	2412	-10.89	-20.89	<=8	PASS
		2437	-11.46	-21.46	<=8	PASS
		2462	-11.94	-21.94	<=8	PASS

Note: Result[dBm/3kHz]= Result[dBm/30kHz] + 10*LOG(3/30)

Test Graphs

11B_Ant1_2412



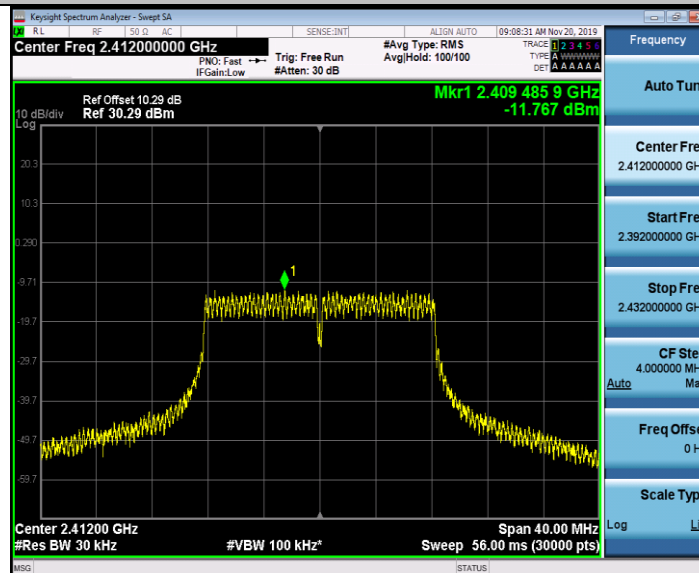
11B_Ant1_2437



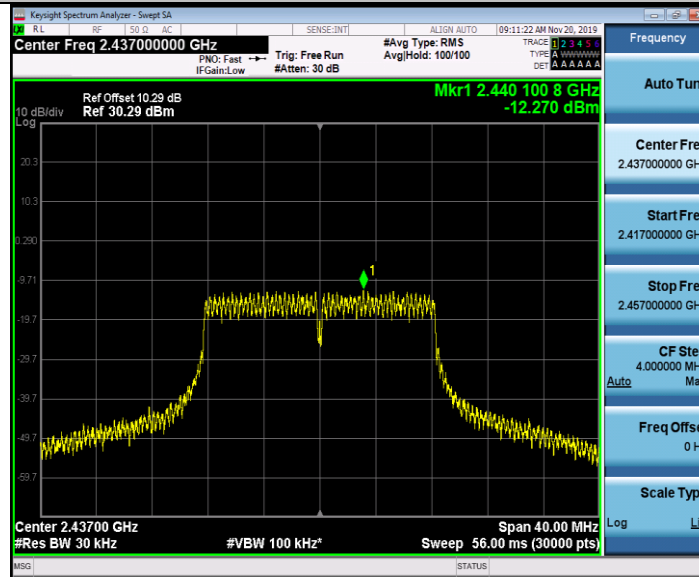
11B_Ant1_2462



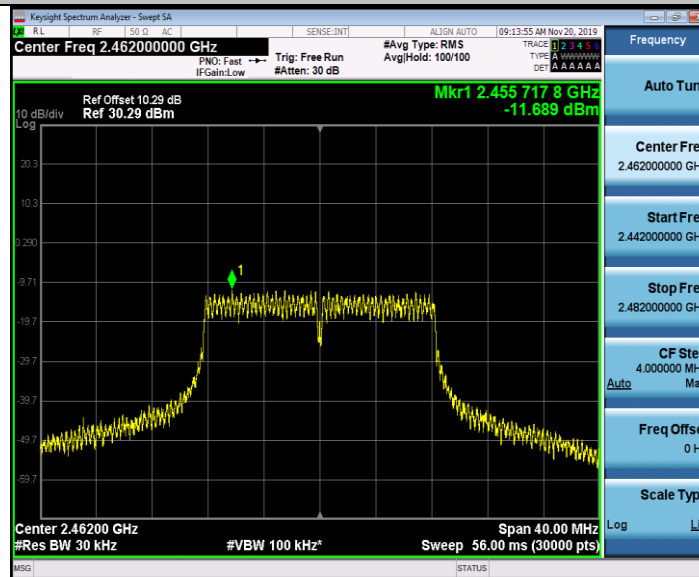
11G_Ant1_2412



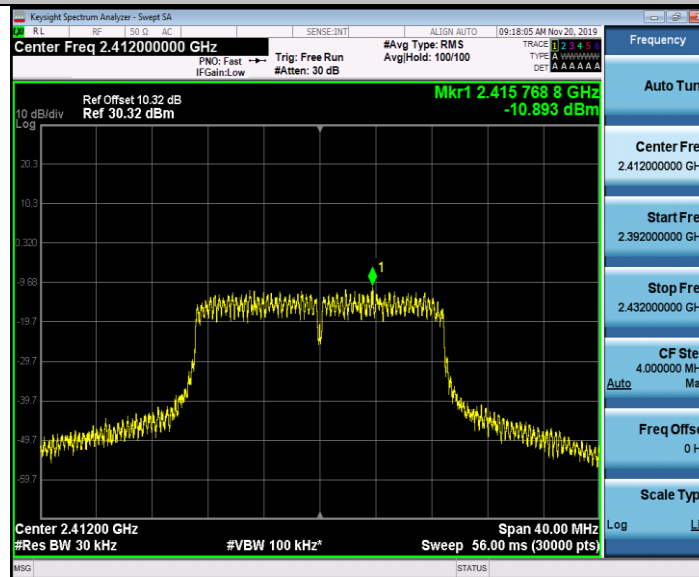
11G_Ant1_2437



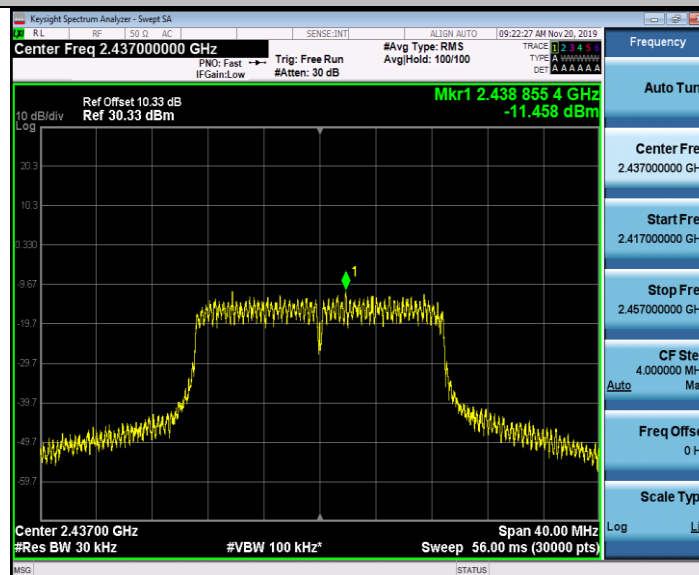
11G_Ant1_2462



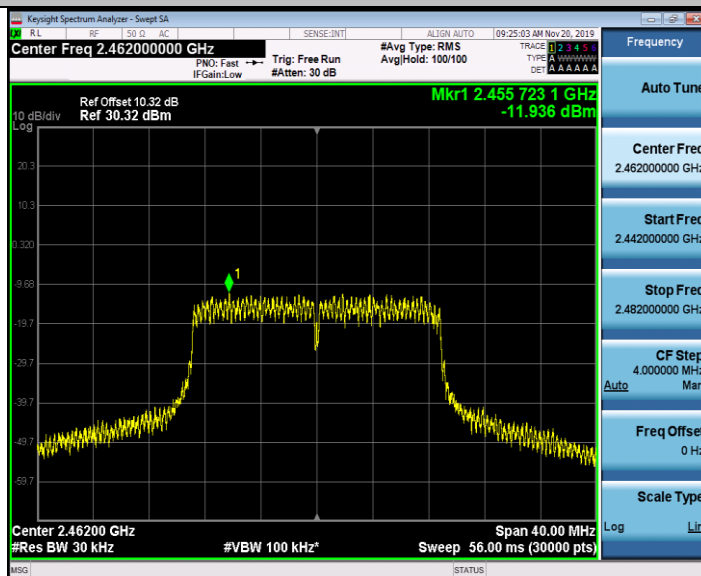
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



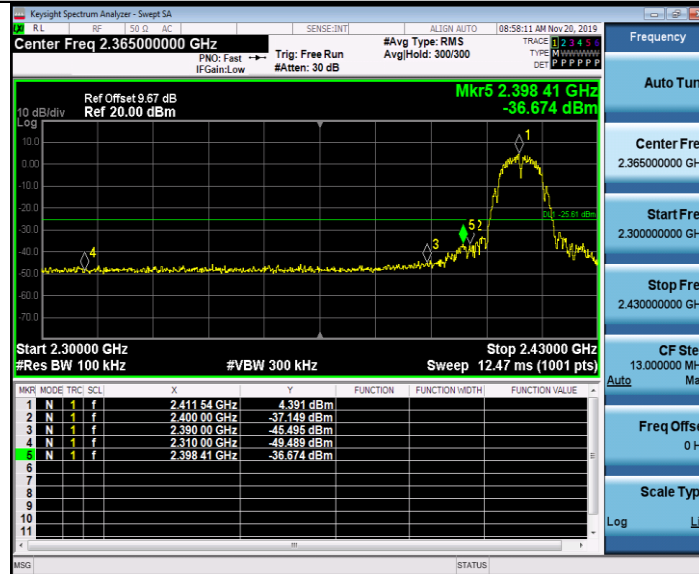
Appendix E: Band edge measurements

Test Result

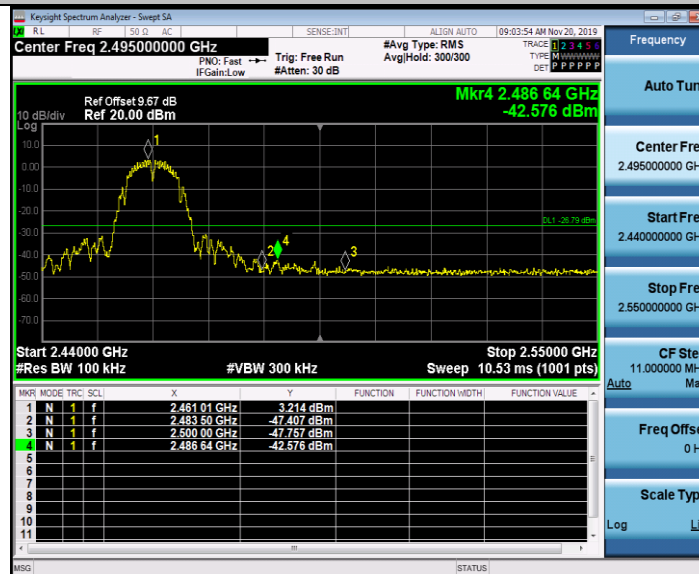
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.39	-36.67	<=-25.61	PASS
		High	2462	3.21	-42.58	<=-26.79	PASS
11G	Ant1	Low	2412	0.77	-30.16	<=-29.23	PASS
		High	2462	0.95	-40.79	<=-29.05	PASS
11N20SISO	Ant1	Low	2412	0.14	-32.07	<=-29.86	PASS
		High	2462	1.10	-40.36	<=-28.9	PASS

Test Graphs

11B_Ant1_Low_2412



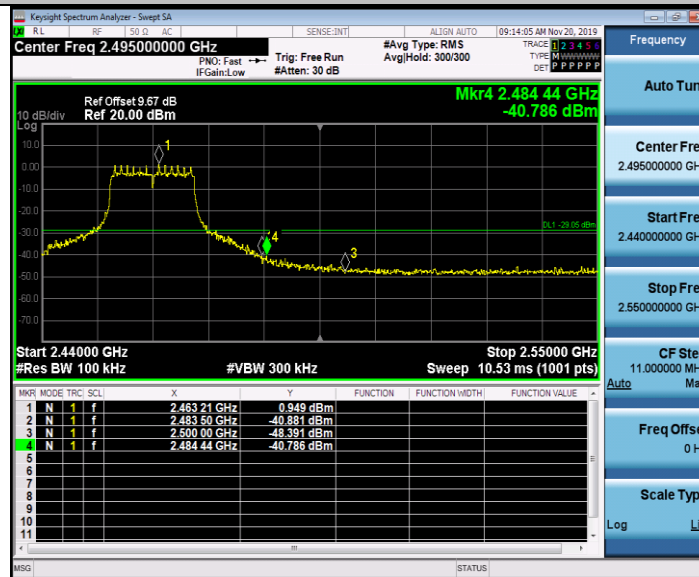
11B_Ant1_High_2462



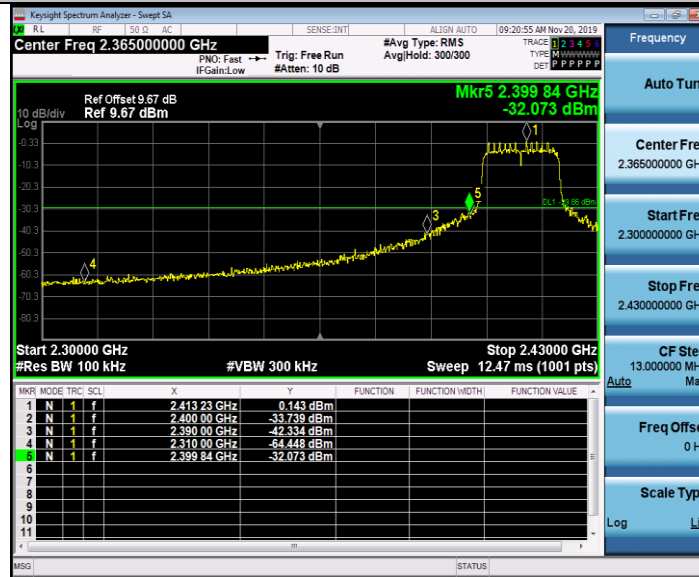
11G_Ant1_Low_2412



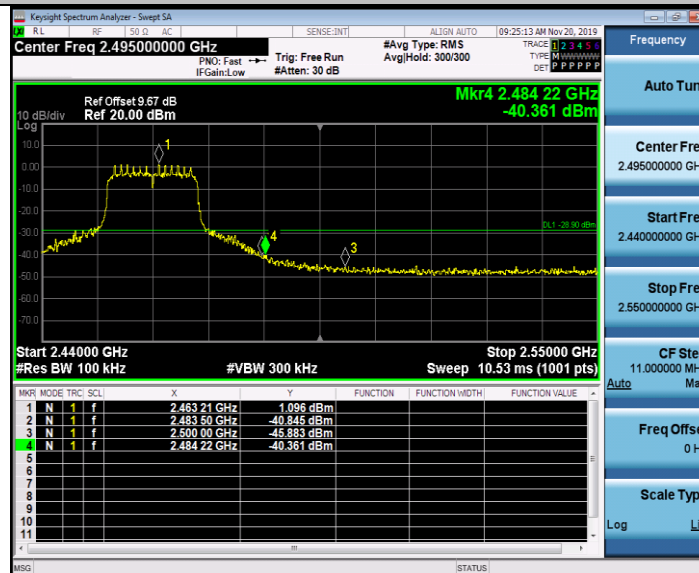
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



Appendix F: Conducted Spurious Emission

Test Result

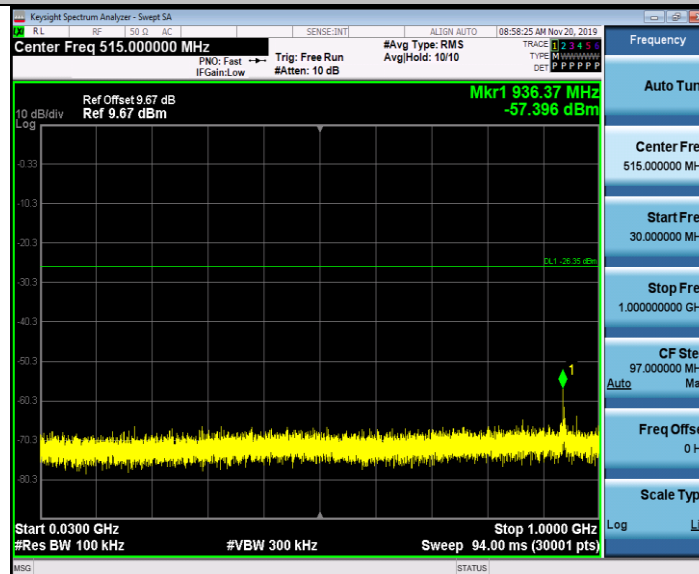
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.65	3.65	---	PASS
			30~1000	30~1000	-57.396	<=-26.35	PASS
			1000~26500	1000~26500	-47.276	<=-26.35	PASS
		2437	Reference	2.90	2.90	---	PASS
			30~1000	30~1000	-61.149	<=-27.105	PASS
			1000~26500	1000~26500	-47.767	<=-27.105	PASS
		2462	Reference	3.09	3.09	---	PASS
			30~1000	30~1000	-60.853	<=-26.915	PASS
			1000~26500	1000~26500	-47.063	<=-26.915	PASS
11G	Ant1	2412	Reference	0.85	0.85	---	PASS
			30~1000	30~1000	-62.156	<=-29.15	PASS
			1000~26500	1000~26500	-47.637	<=-29.15	PASS
		2437	Reference	0.30	0.30	---	PASS
			30~1000	30~1000	-58.559	<=-29.705	PASS
			1000~26500	1000~26500	-47.442	<=-29.705	PASS
		2462	Reference	0.76	0.76	---	PASS
			30~1000	30~1000	-59.709	<=-29.24	PASS
			1000~26500	1000~26500	-47.006	<=-29.24	PASS
11N20SISO	Ant1	2412	Reference	1.06	1.06	---	PASS
			30~1000	30~1000	-62.611	<=-28.938	PASS
			1000~26500	1000~26500	-46.363	<=-28.938	PASS
		2437	Reference	0.44	0.44	---	PASS
			30~1000	30~1000	-62.214	<=-29.563	PASS
			1000~26500	1000~26500	-47.612	<=-29.563	PASS
		2462	Reference	0.78	0.78	---	PASS
			30~1000	30~1000	-63.414	<=-29.224	PASS
			1000~26500	1000~26500	-47.472	<=-29.224	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



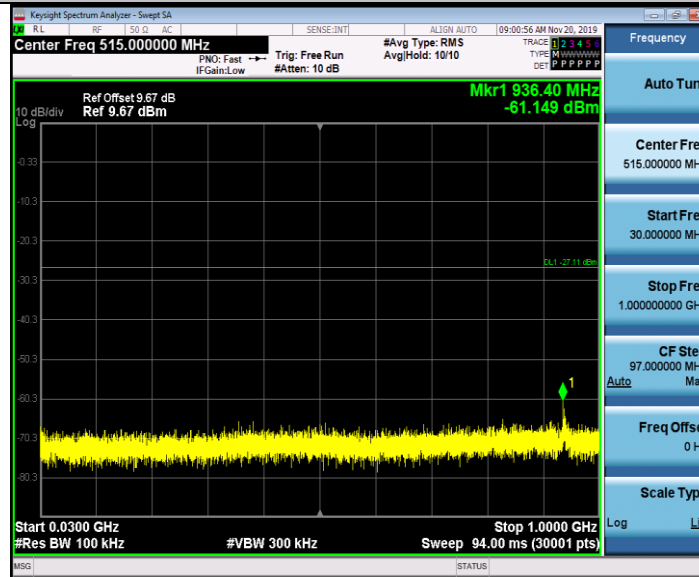
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



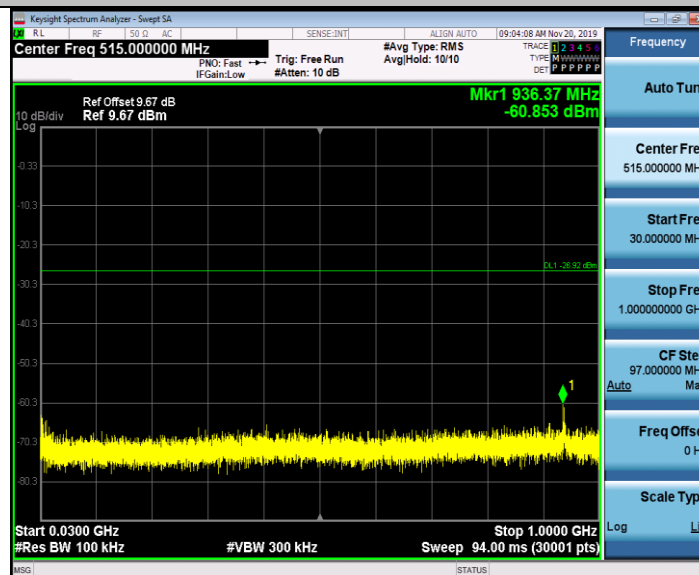
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



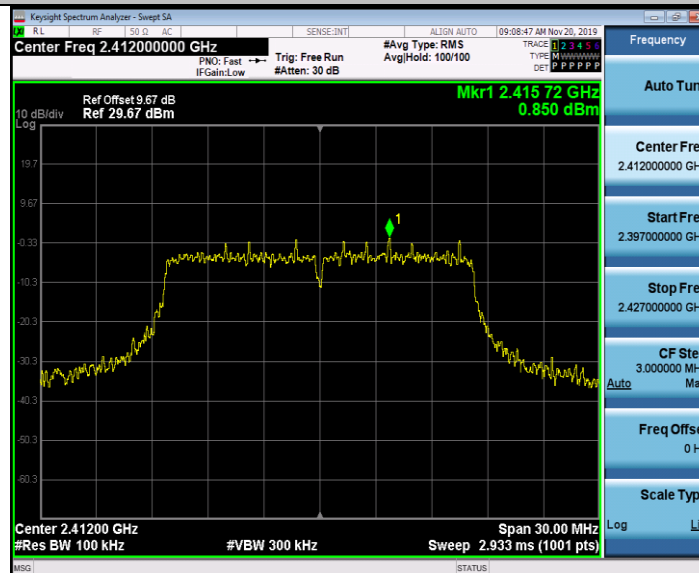
11B_Ant1_2462_30~1000



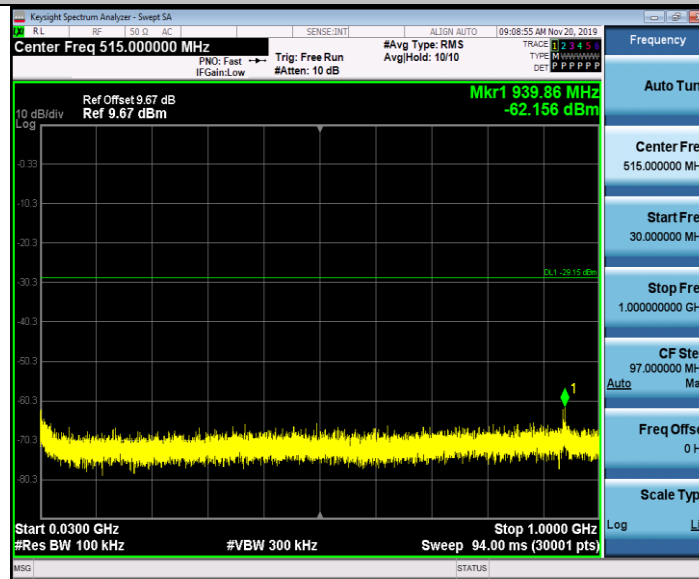
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



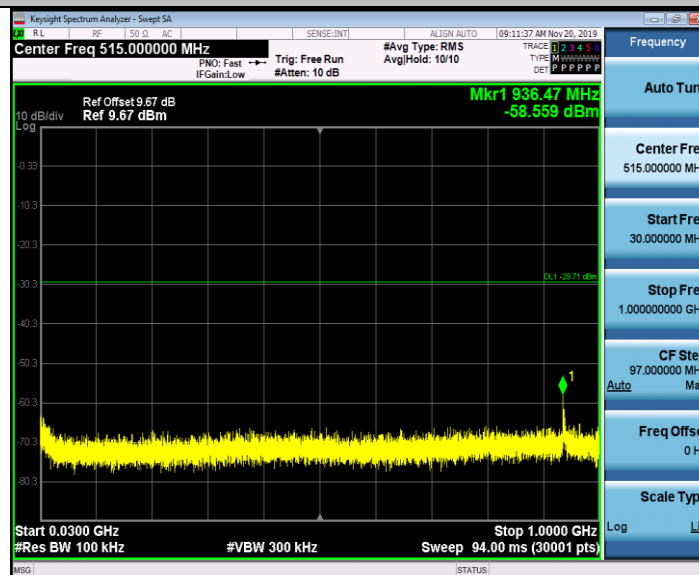
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



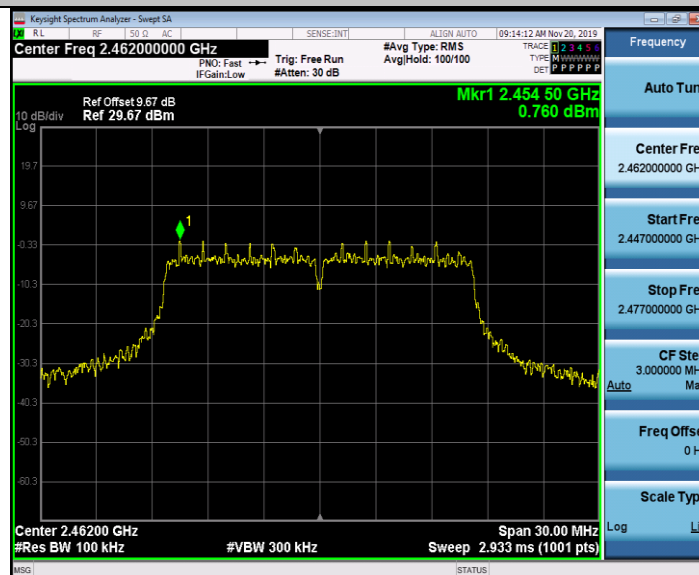
11G_Ant1_2437_30~1000



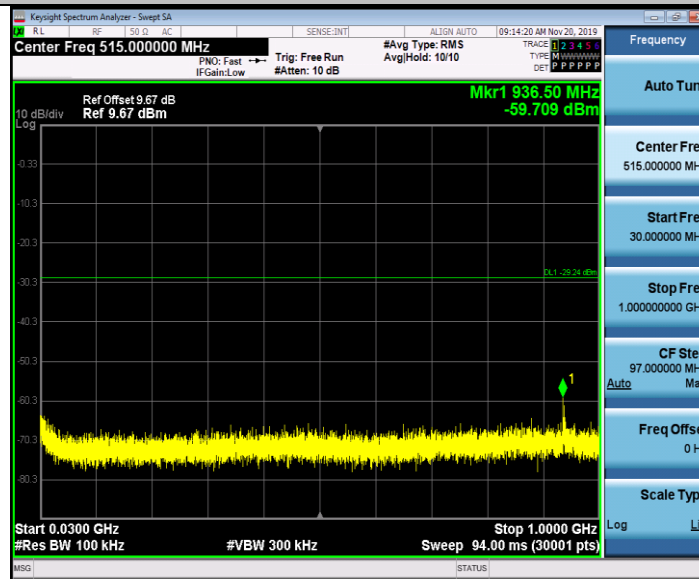
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



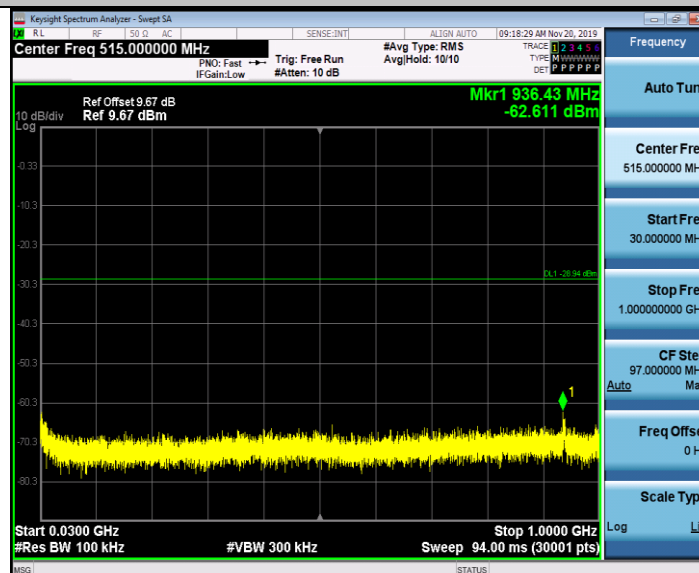
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0-Reference



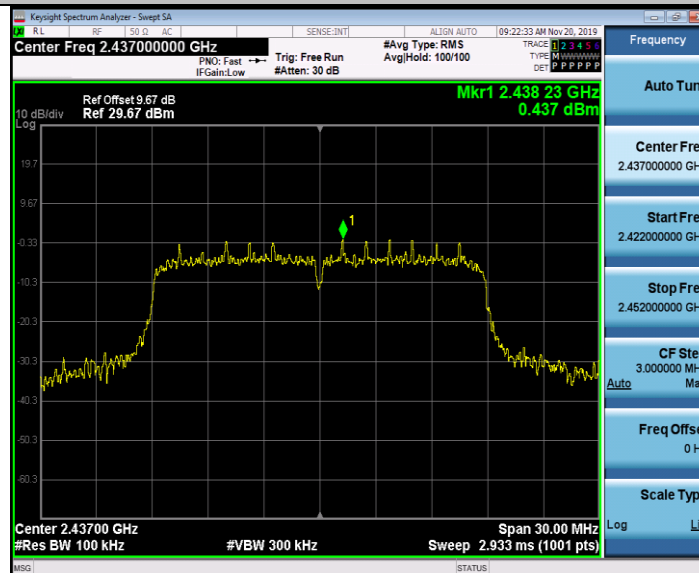
11N20SISO_Ant1_2412_30-1000



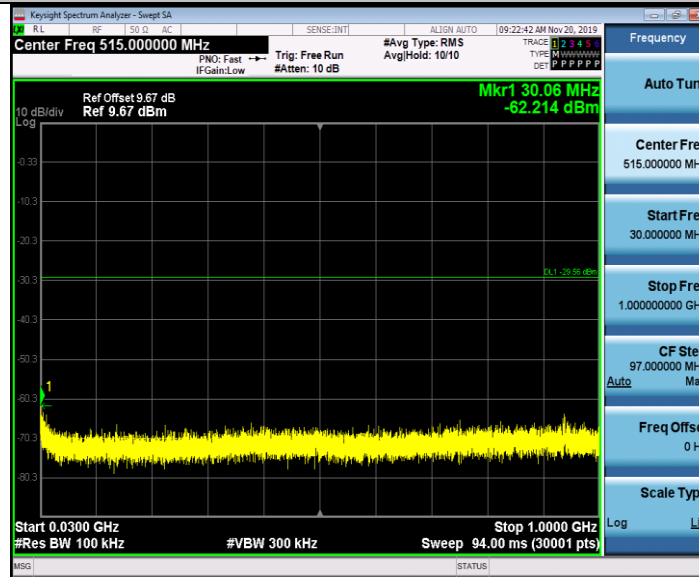
11N20SISO_Ant1_2412_1000-26500



11N20SISO_Ant1_2437_0-Reference



11N20SISO_Ant1_2437_30~1000



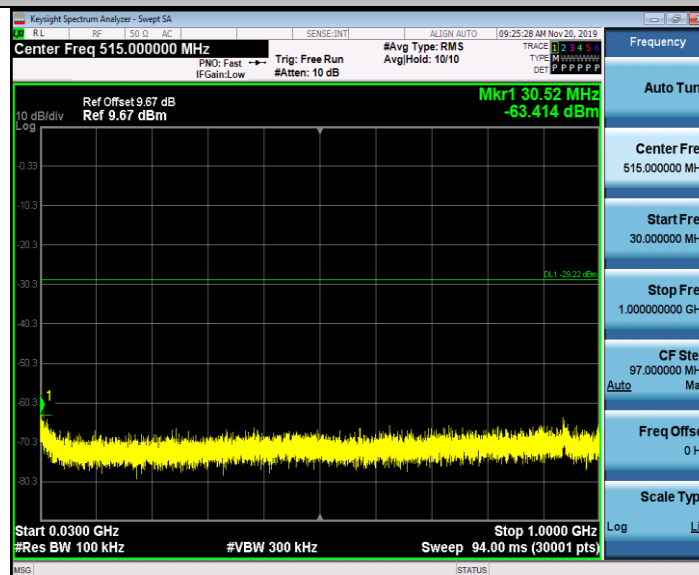
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0-Reference



11N20SISO_Ant1_2462_30-1000



11N20SISO_Ant1_2462_1000-26500

