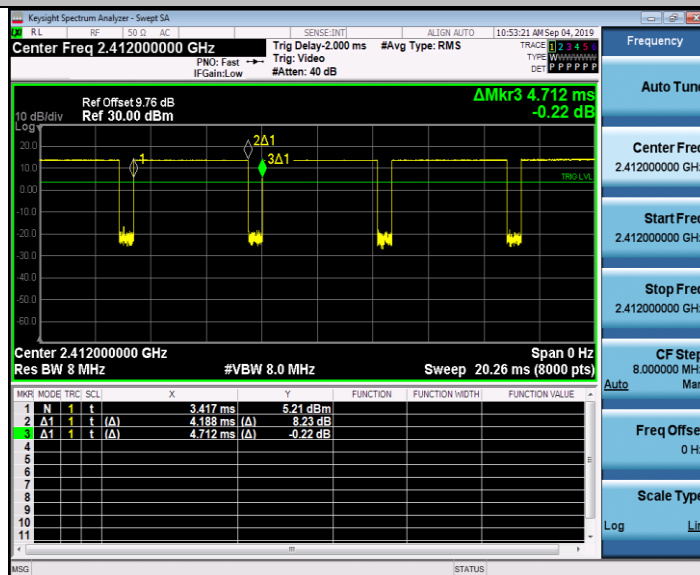
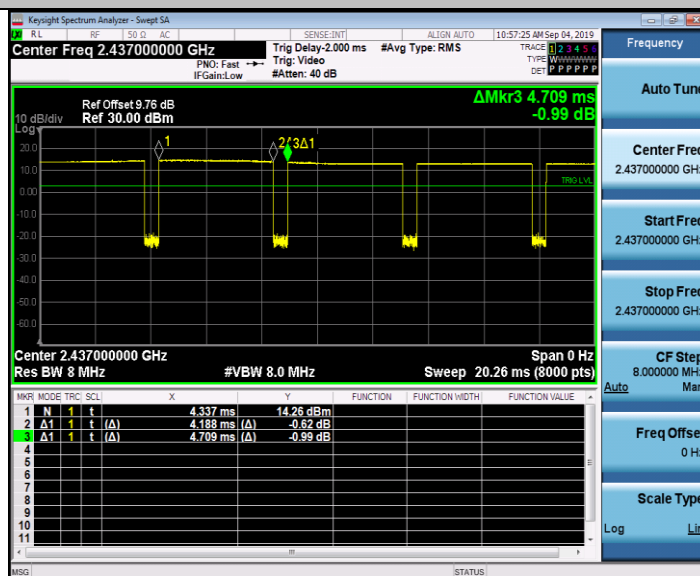


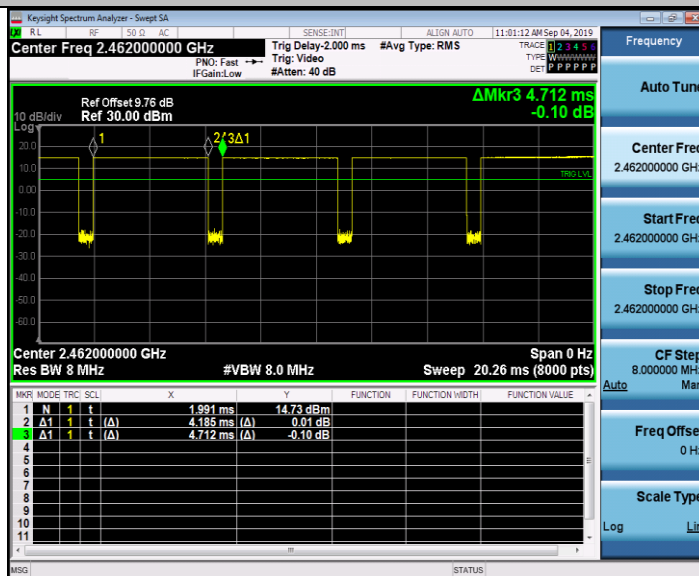
11B Ant1 2412



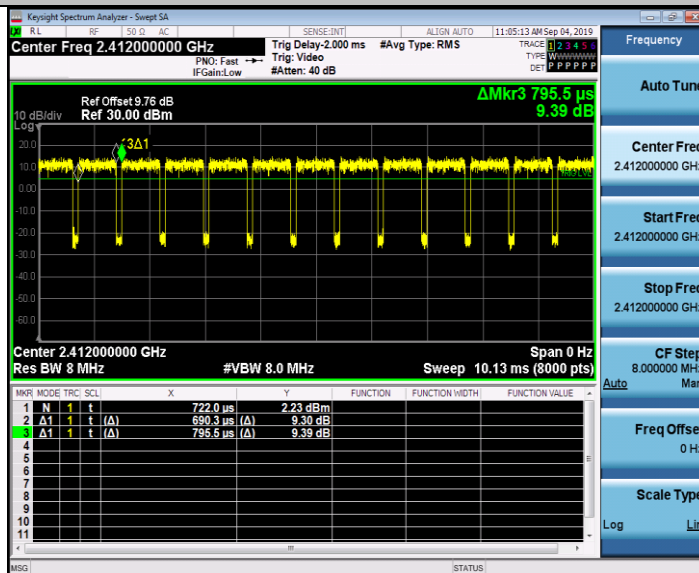
11B Ant1 2437



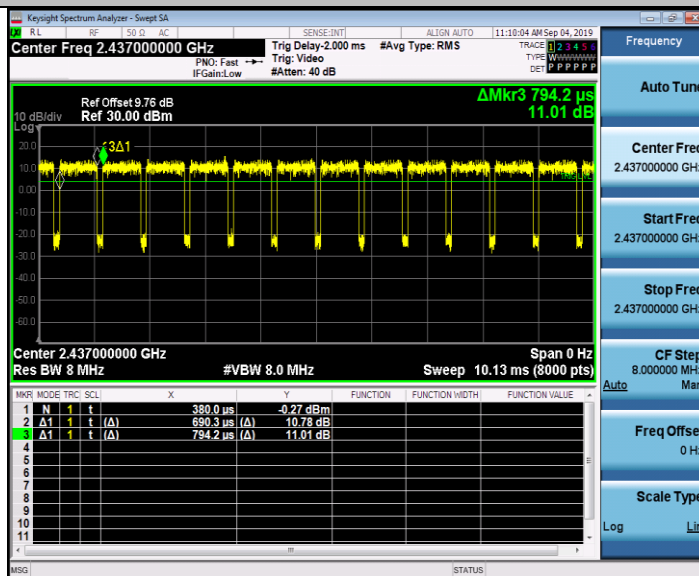
11B_Ant1_2462



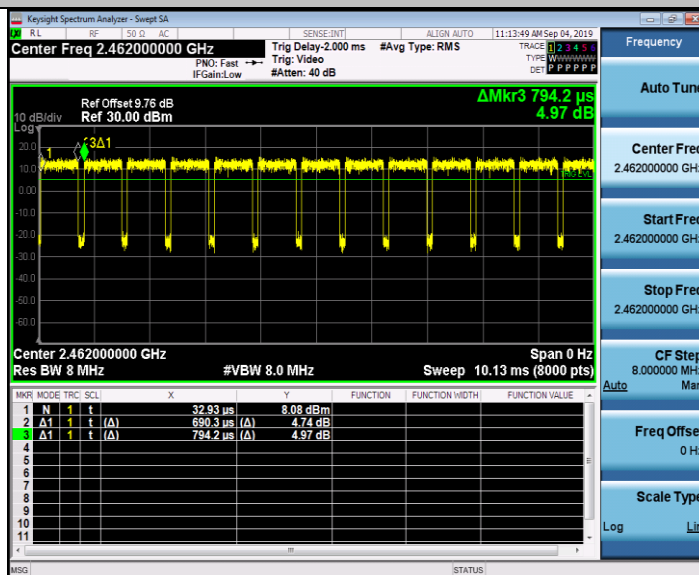
11G_Ant1_2412



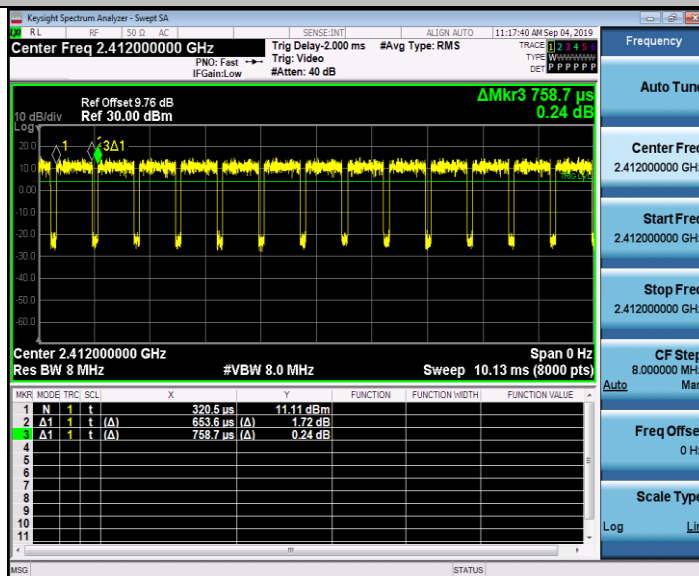
11G_Ant1_2437



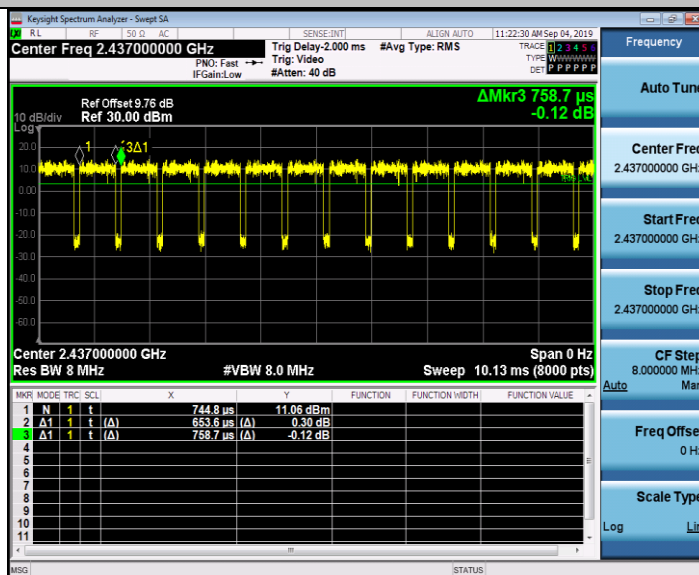
11G_Ant1_2462



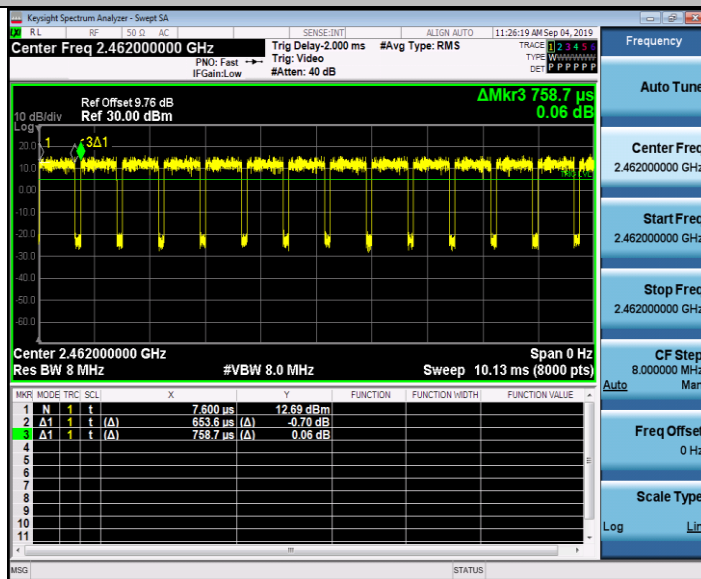
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Meas.Level [dBm]	DT (%)	10 log (1/x)	AV.PSD [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	-15.87	88.87	0.51	-15.36	<=13.23	PASS
		2437	-16.61	88.92	0.51	-16.10	<=13.23	PASS
		2462	-14.23	88.82	0.51	-13.72	<=13.23	PASS
11G	Ant1	2412	-17.16	86.78	0.62	-16.54	<=13.23	PASS
		2437	-11.39	86.92	0.61	-10.78	<=13.23	PASS
		2462	-16.61	86.92	0.61	-16.00	<=13.23	PASS
11N20SISO	Ant1	2412	-17.12	86.14	0.65	-16.47	<=13.23	PASS
		2437	-17.73	86.14	0.65	-17.08	<=13.23	PASS
		2462	-16.41	86.14	0.65	-15.76	<=13.23	PASS

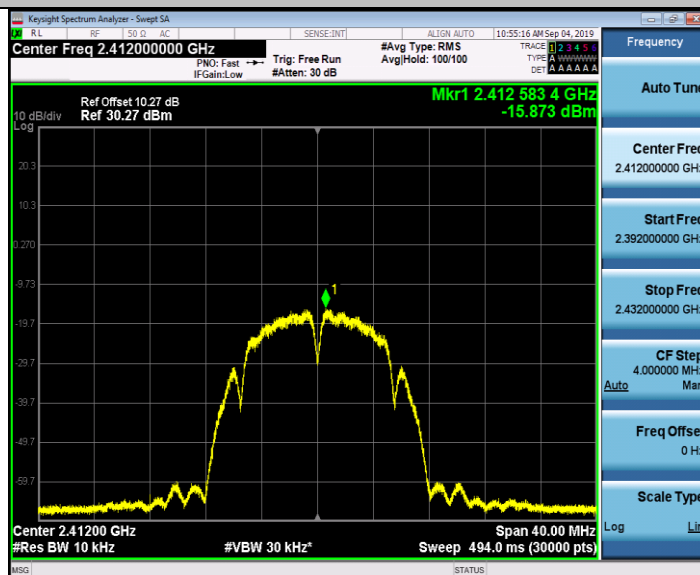
Note:

calculating the RBW=10kHz limit

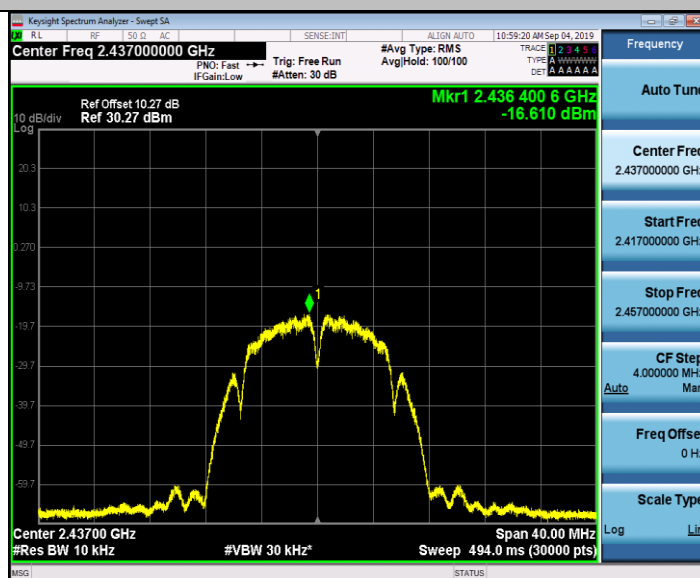
$8(\text{limit for RBW=3kHz}) + 10 \cdot \log(10/3) = 13.23$

Test Graphs

11B_Ant1_2412



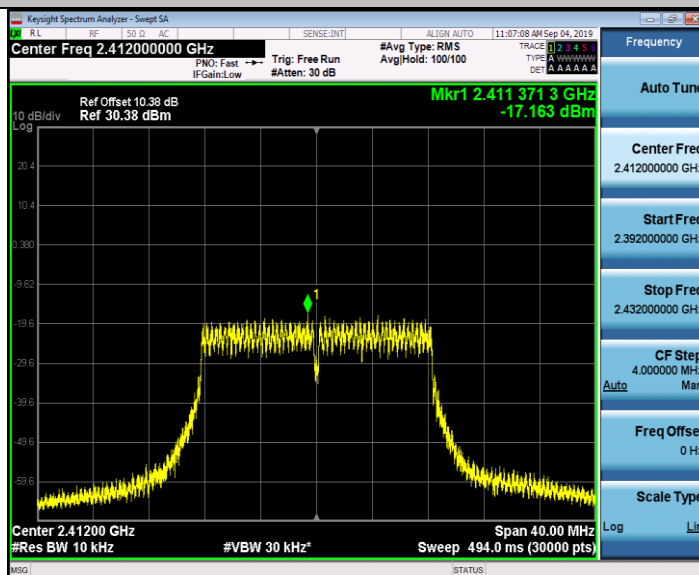
11B_Ant1_2437



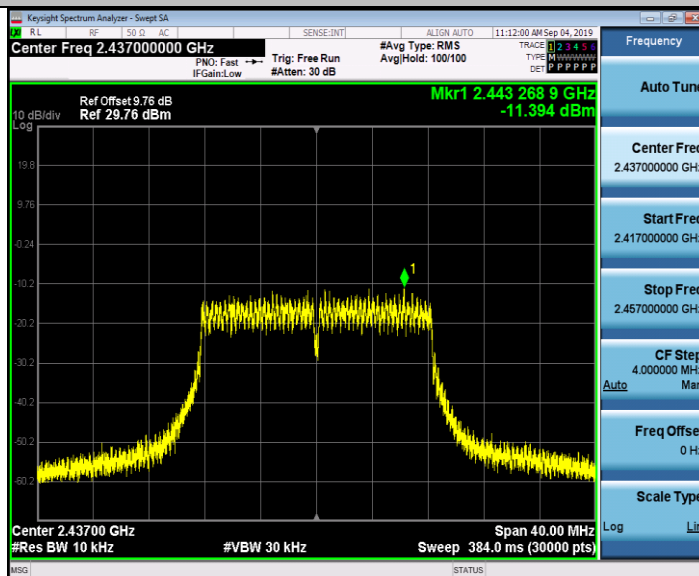
11B_Ant1_2462



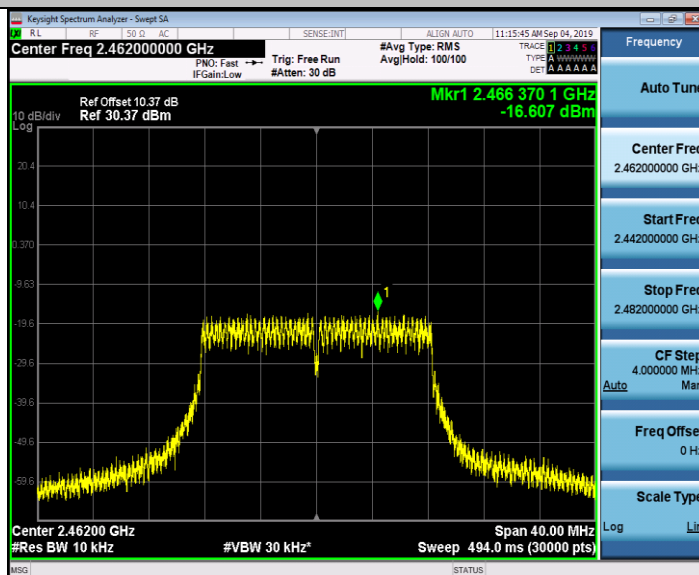
11G_Ant1_2412



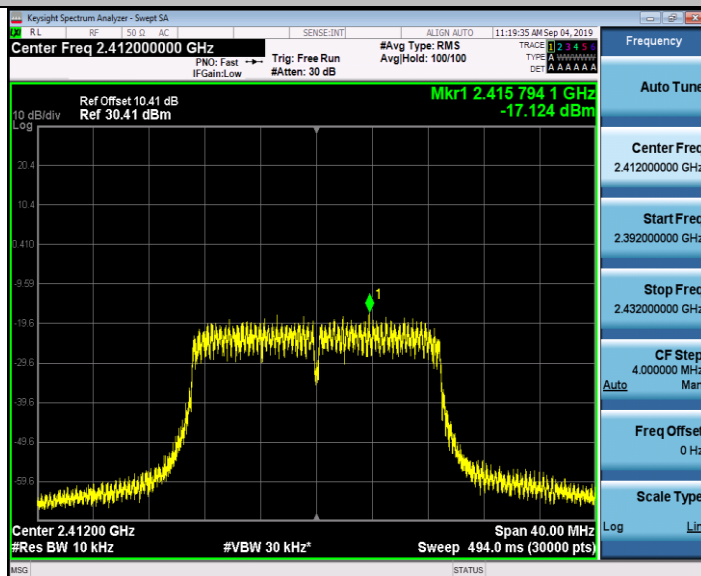
11G_Ant1_2437



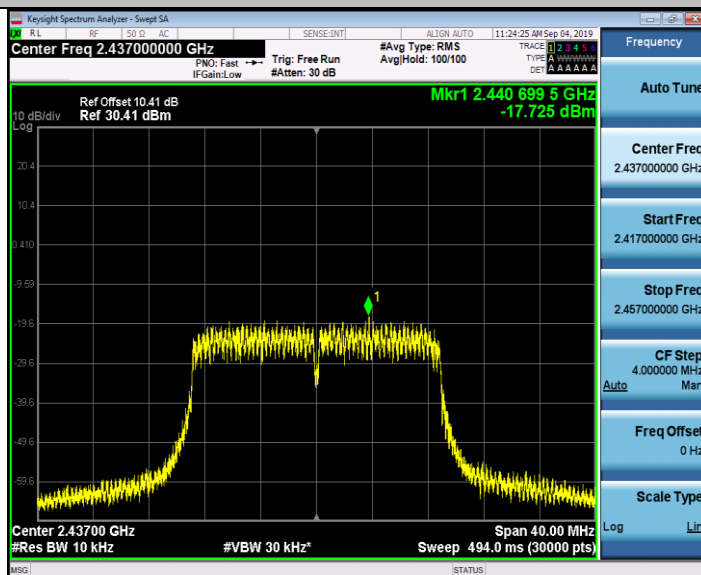
11G_Ant1_2462



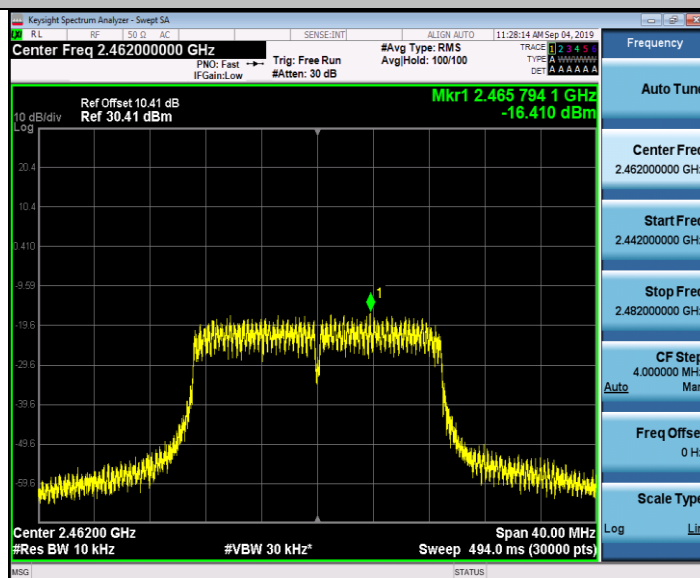
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



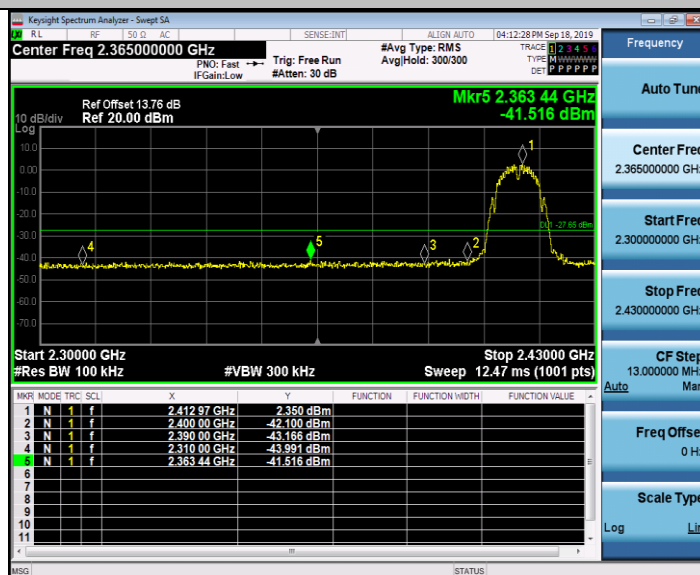
Appendix F: Band edge measurements

Test Result

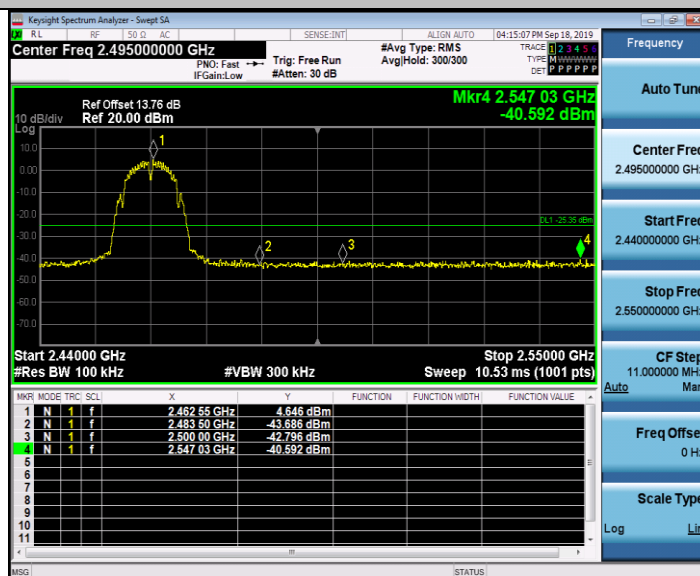
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.35	-41.52	<=-27.65	PASS
		High	2462	4.65	-40.59	<=-25.35	PASS
11G	Ant1	Low	2412	6.71	-35.31	<=-23.29	PASS
		High	2462	8.50	-40.59	<=-21.5	PASS
11N20SISO	Ant1	Low	2412	6.76	-35.14	<=-23.24	PASS
		High	2462	8.98	-40.61	<=-21.02	PASS

Test Graphs

11B_Ant1_Low_2412



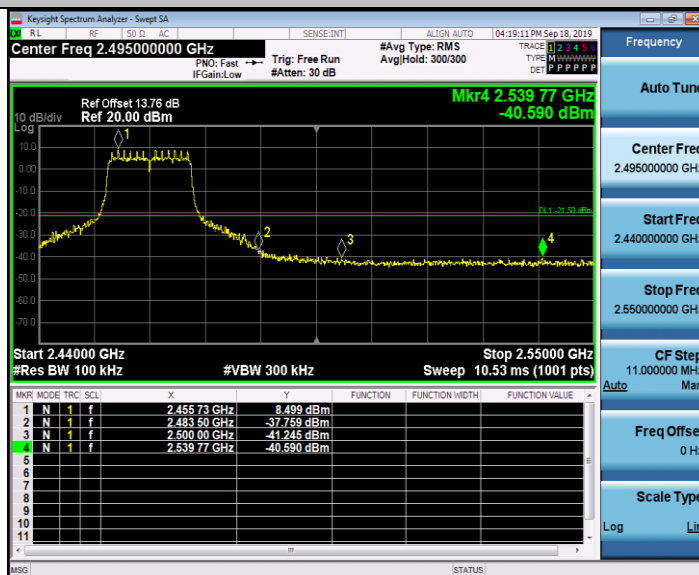
11B_Ant1_High_2462



11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



Appendix G: Conducted Spurious Emission

Test Result

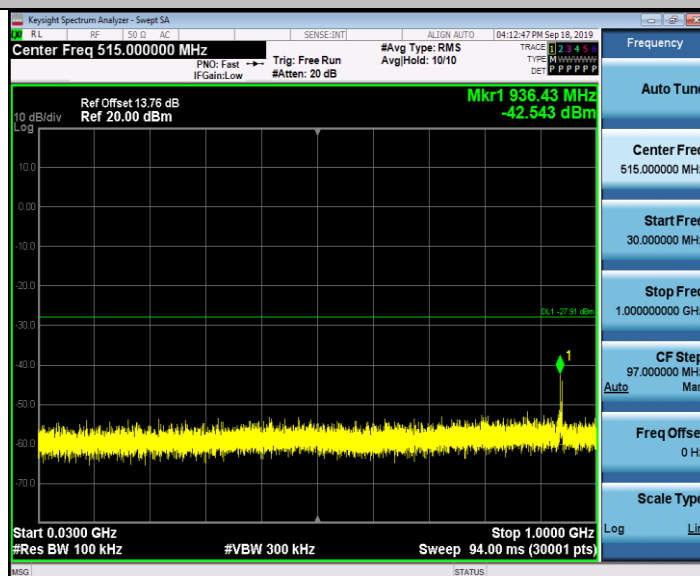
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	2.09	2.09	---	PASS
			30~1000	30~1000	-42.543	<=-27.912	PASS
			1000~26500	1000~26500	-32.889	<=-27.912	PASS
		2437	Reference	2.80	2.80	---	PASS
			30~1000	30~1000	-43.613	<=-27.203	PASS
			1000~26500	1000~26500	-32.448	<=-27.203	PASS
		2462	Reference	3.98	3.98	---	PASS
			30~1000	30~1000	-40.386	<=-26.023	PASS
			1000~26500	1000~26500	-32.549	<=-26.023	PASS
11G	Ant1	2412	Reference	6.69	6.69	---	PASS
			30~1000	30~1000	-42.859	<=-23.307	PASS
			1000~26500	1000~26500	-32.302	<=-23.307	PASS
		2437	Reference	7.79	7.79	---	PASS
			30~1000	30~1000	-43.185	<=-22.207	PASS
			1000~26500	1000~26500	-32.611	<=-22.207	PASS
		2462	Reference	8.19	8.19	---	PASS
			30~1000	30~1000	-44.209	<=-21.811	PASS
			1000~26500	1000~26500	-32.107	<=-21.811	PASS
11N20SISO	Ant1	2412	Reference	6.73	6.73	---	PASS
			30~1000	30~1000	-44.369	<=-23.267	PASS
			1000~26500	1000~26500	-32.042	<=-23.267	PASS
		2437	Reference	7.77	7.77	---	PASS
			30~1000	30~1000	-43.239	<=-22.23	PASS
			1000~26500	1000~26500	-32.093	<=-22.23	PASS
		2462	Reference	8.62	8.62	---	PASS
			30~1000	30~1000	-42.497	<=-21.376	PASS
			1000~26500	1000~26500	-31.449	<=-21.376	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



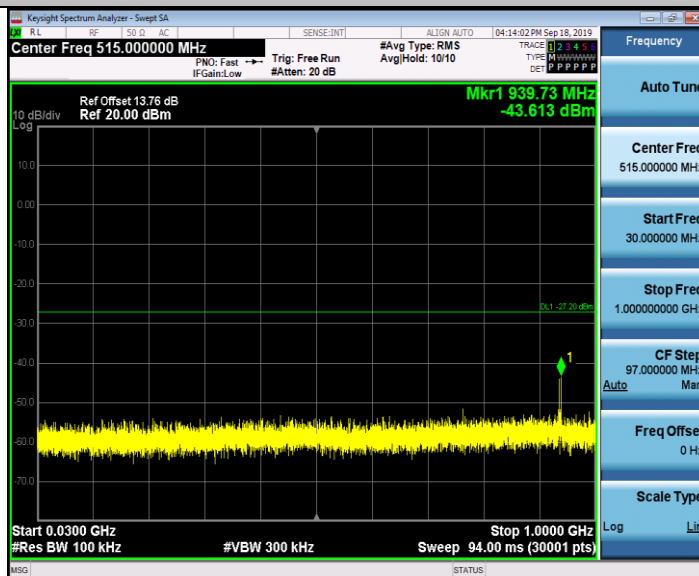
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



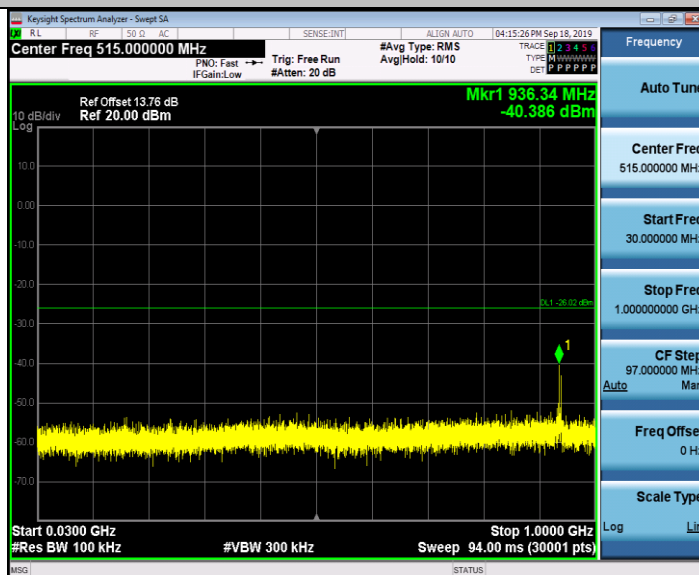
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



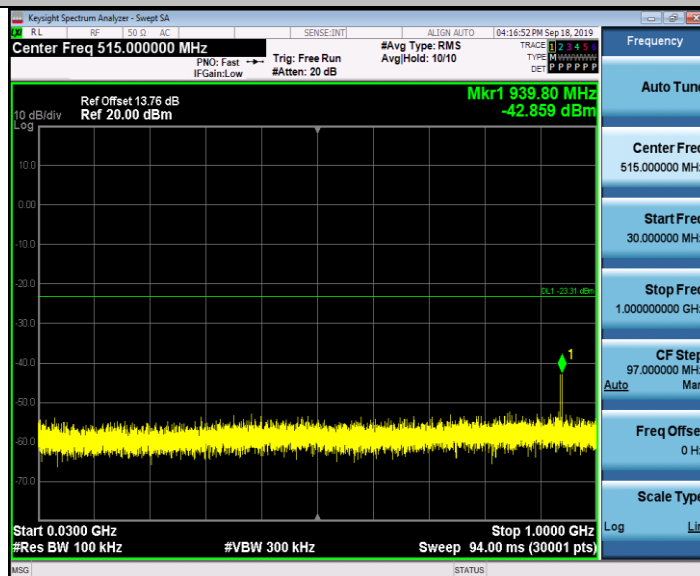
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



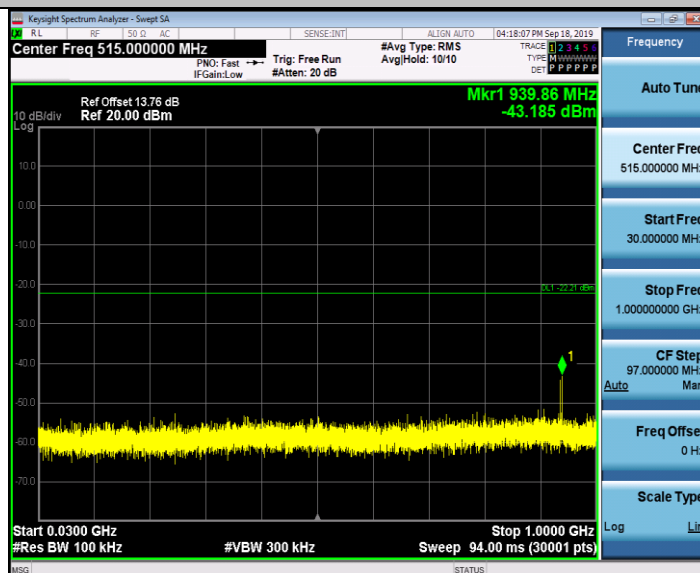
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



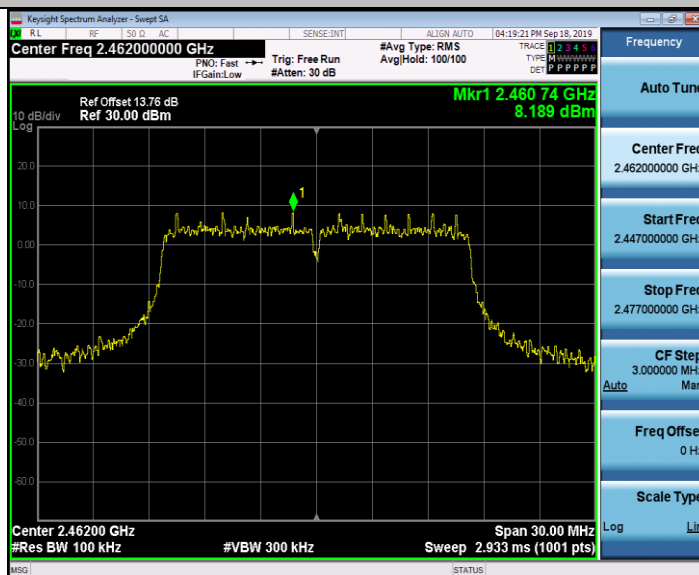
11G_Ant1_2437_30~1000



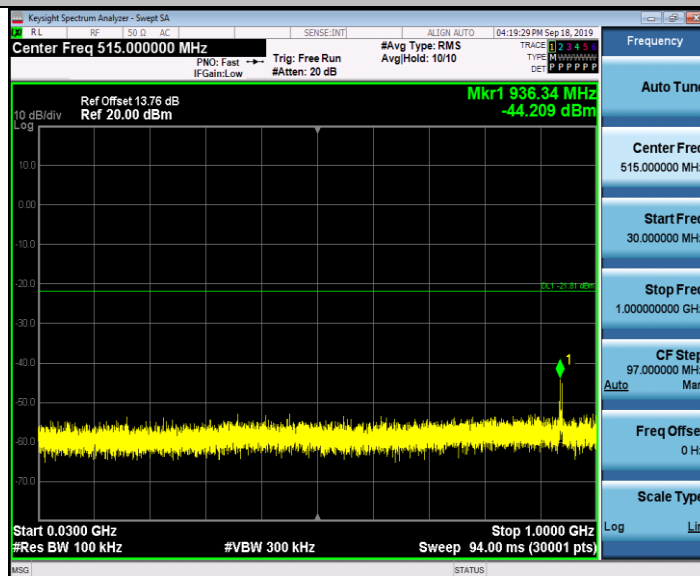
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



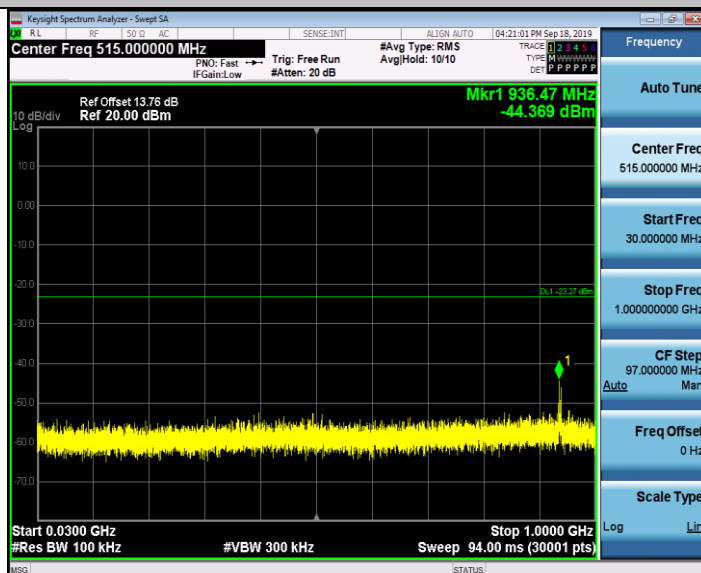
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



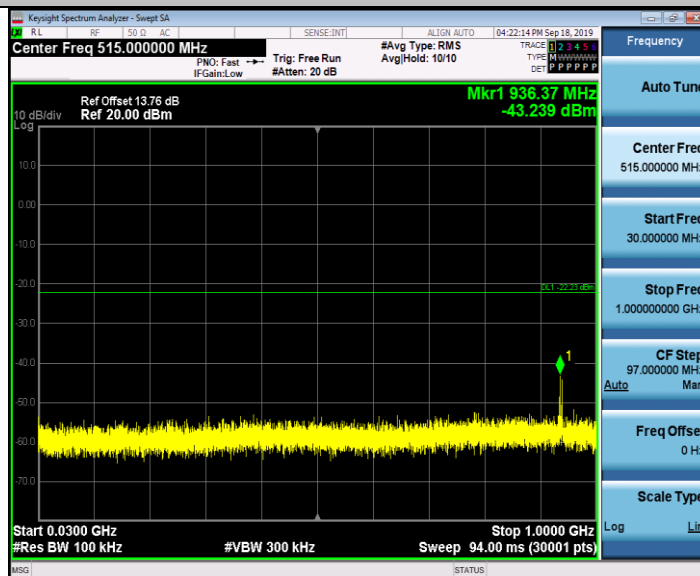
11N20SISO_Ant1_2412_1000~26500



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

