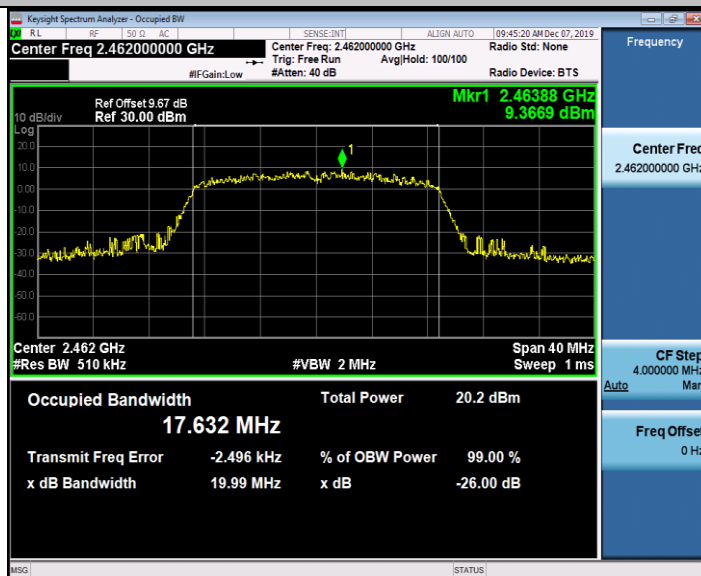
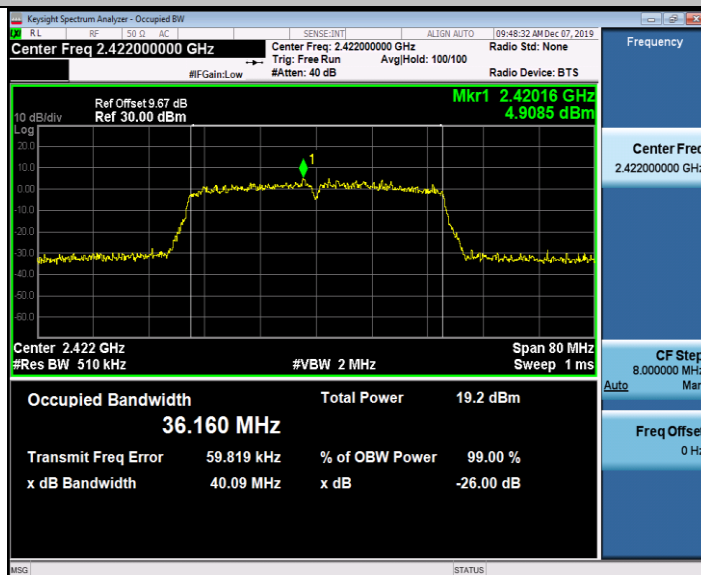


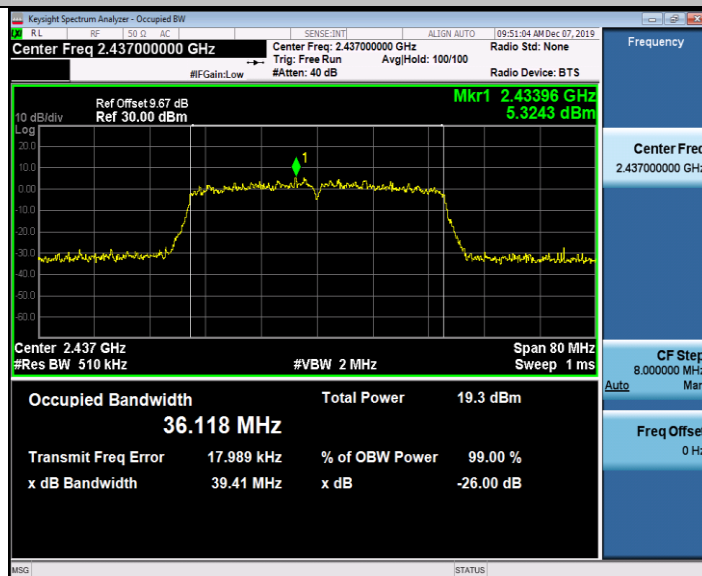
11N20SISO_Ant1_2462



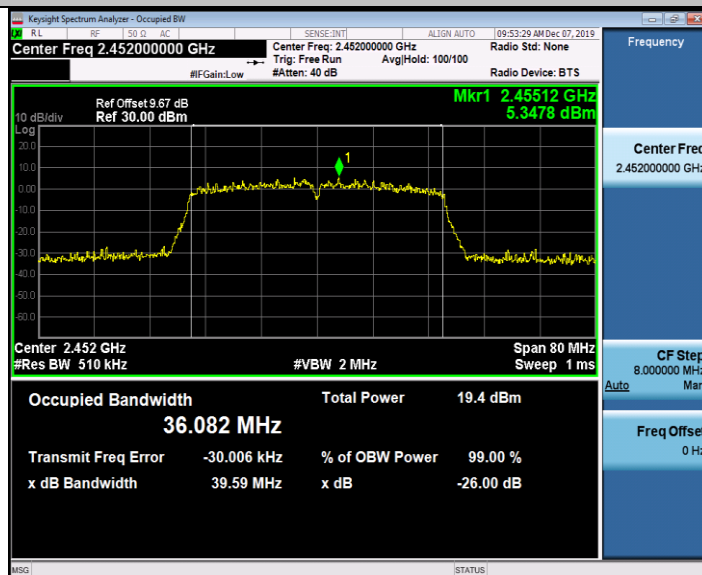
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result

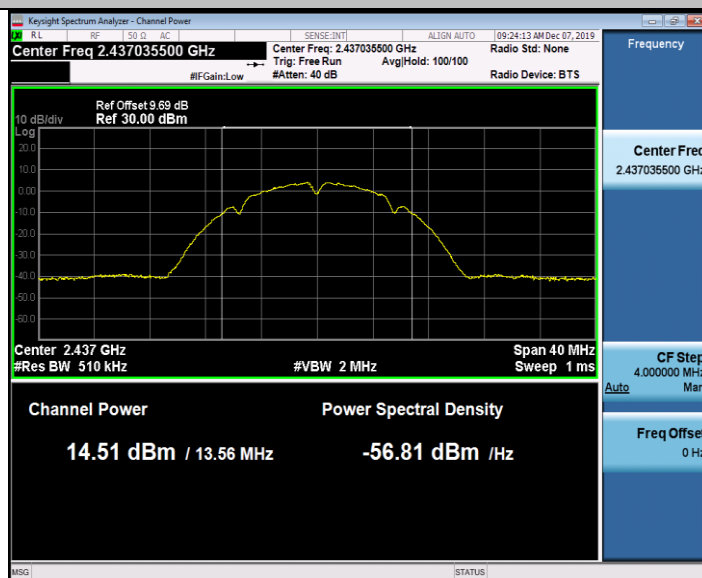
TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	99.58	0.02	14.73	<=30	PASS
		2437	99.61	0.02	14.51	<=30	PASS
		2462	99.61	0.02	14.90	<=30	PASS
11G	Ant1	2412	97.34	0.12	13.42	<=30	PASS
		2437	97.34	0.12	13.22	<=30	PASS
		2462	97.34	0.12	13.58	<=30	PASS
11N20SISO	Ant1	2412	97.13	0.13	12.81	<=30	PASS
		2437	97.13	0.13	12.86	<=30	PASS
		2462	97.13	0.13	12.91	<=30	PASS
11N40SISO	Ant1	2422	99.58	0.02	12.22	<=30	PASS
		2437	99.61	0.02	12.27	<=30	PASS
		2452	99.61	0.02	12.43	<=30	PASS

Test Graphs

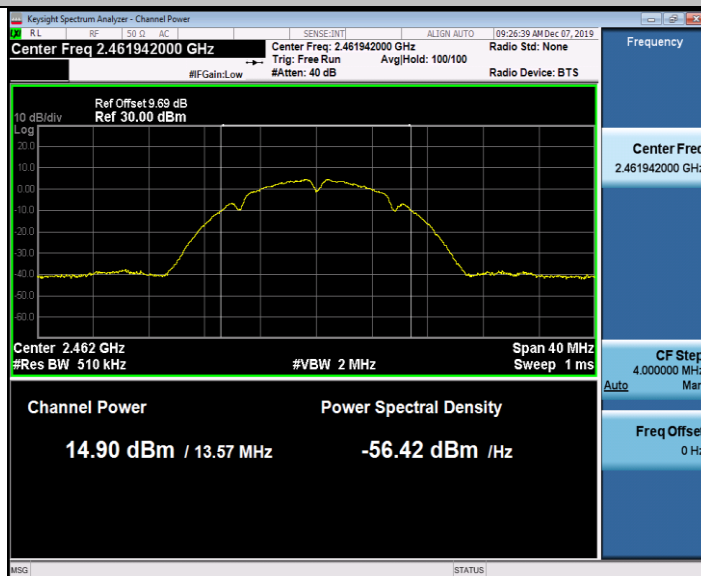
11B_Ant1_2412



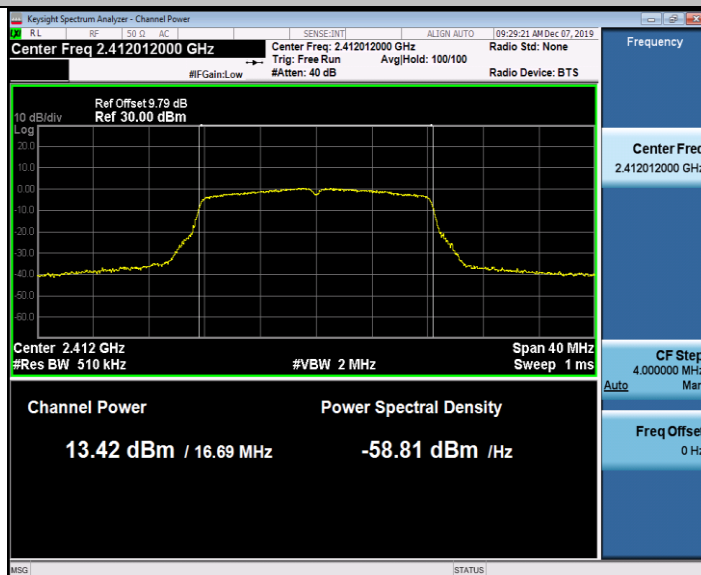
11B_Ant1_2437



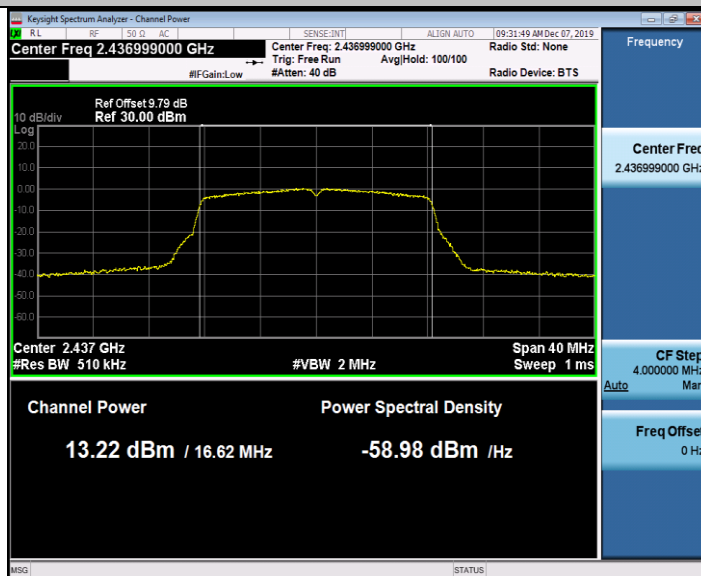
11B_Ant1_2462



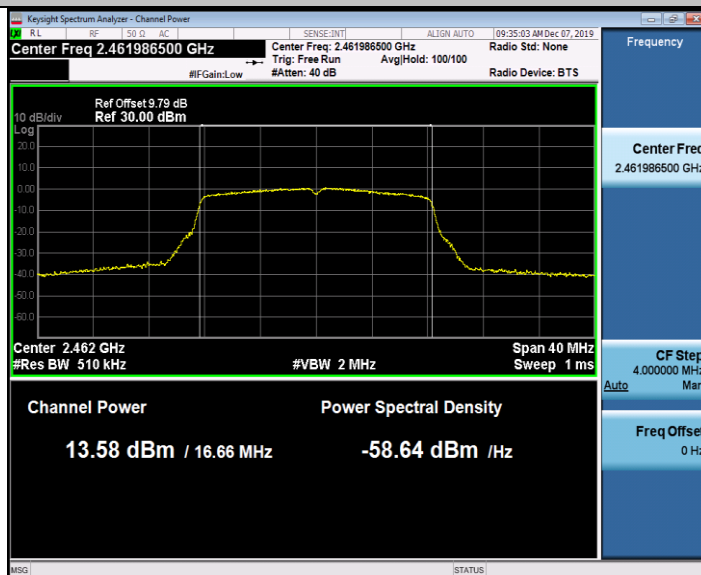
11G_Ant1_2412



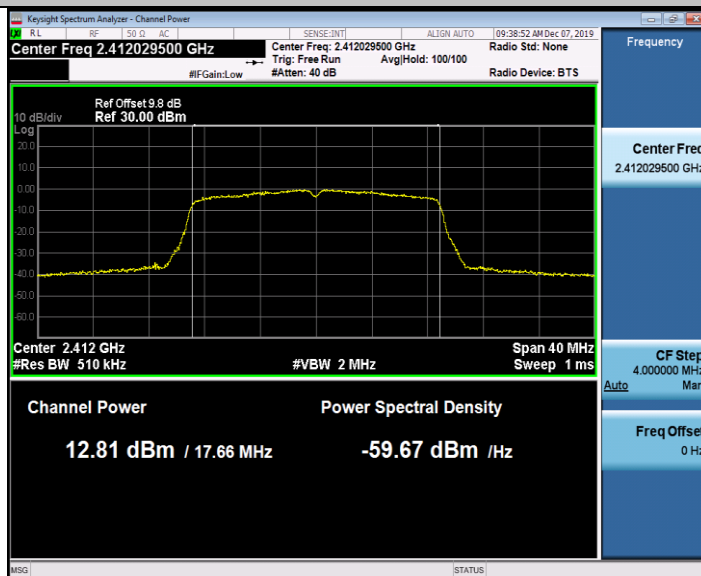
11G_Ant1_2437



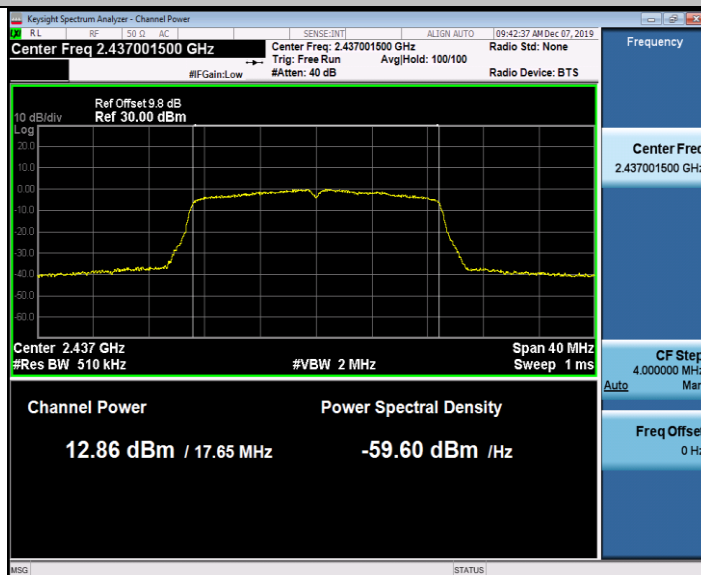
11G_Ant1_2462



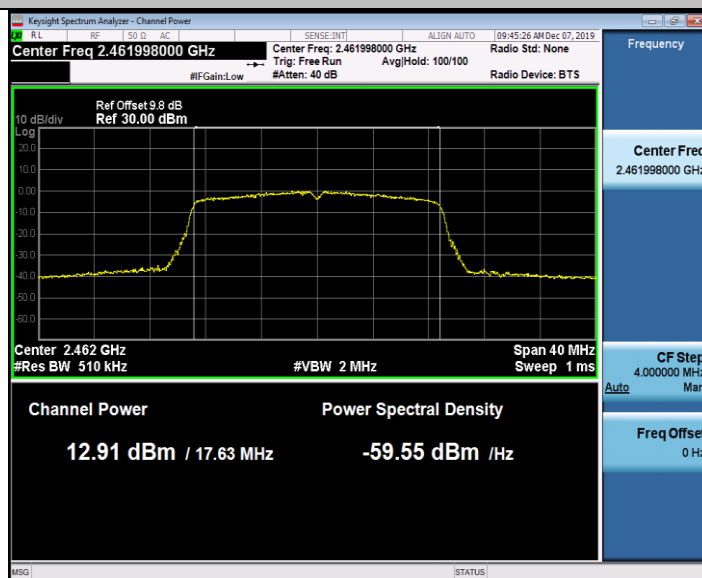
11N20SISO_Ant1_2412



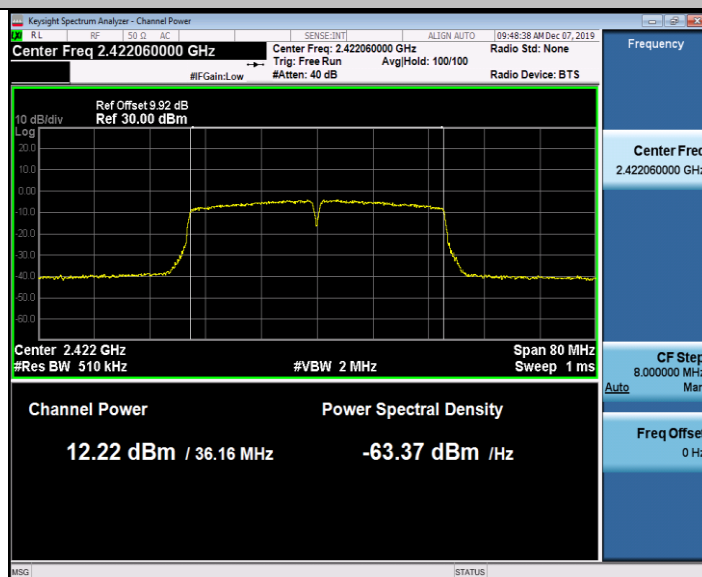
11N20SISO_Ant1_2437



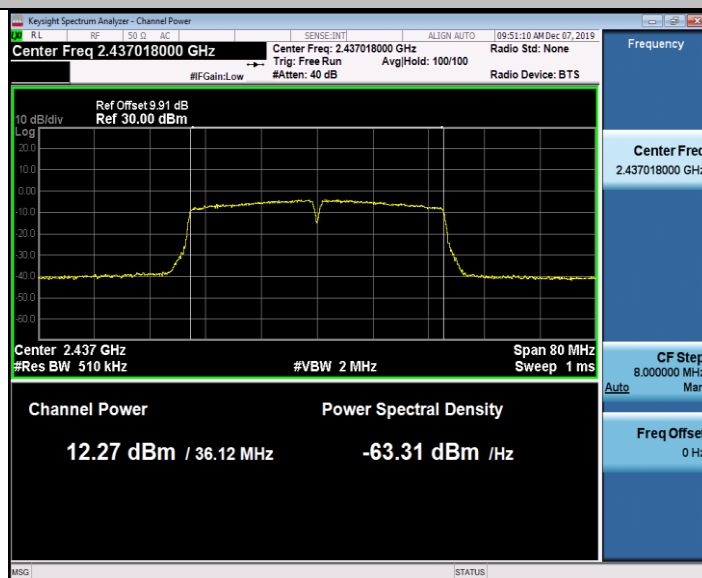
11N20SISO_Ant1_2462



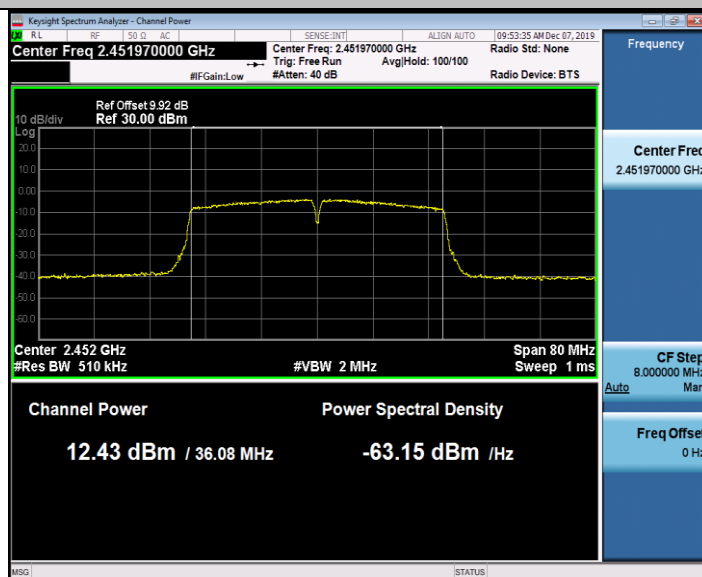
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



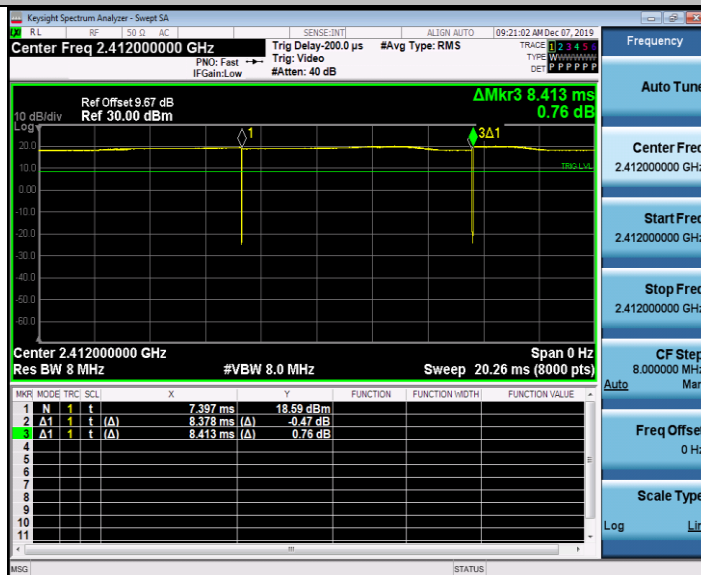
Appendix D: Duty Cycle

Test Result

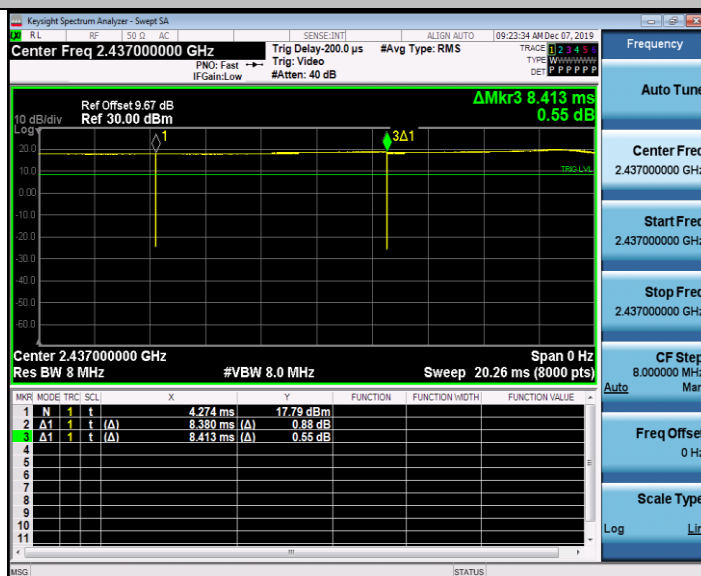
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1		8.38	8.41	99.58
			8.38	8.41	99.61
			8.38	8.41	99.61
11G	Ant1		1.39	1.43	97.34
			1.39	1.43	97.34
			1.39	1.43	97.34
11N20SISO	Ant1		1.29	1.32	97.13
			1.29	1.32	97.13
			1.29	1.32	97.13

Test Graphs

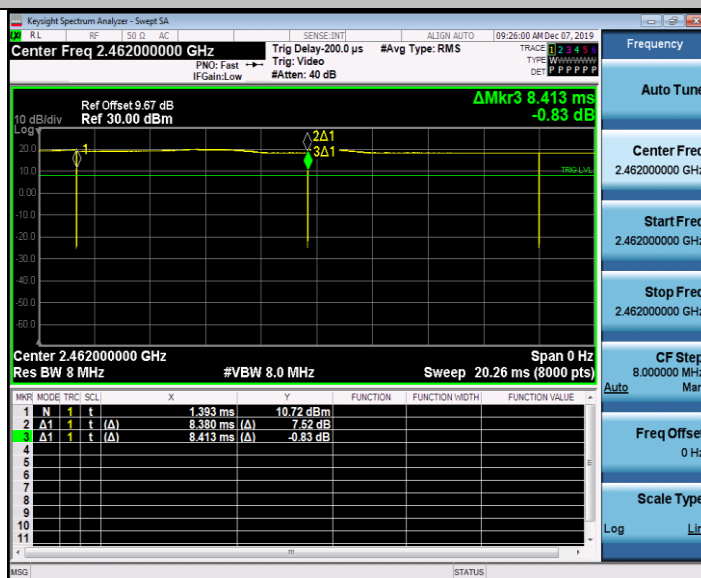
11B_Ant1_2412



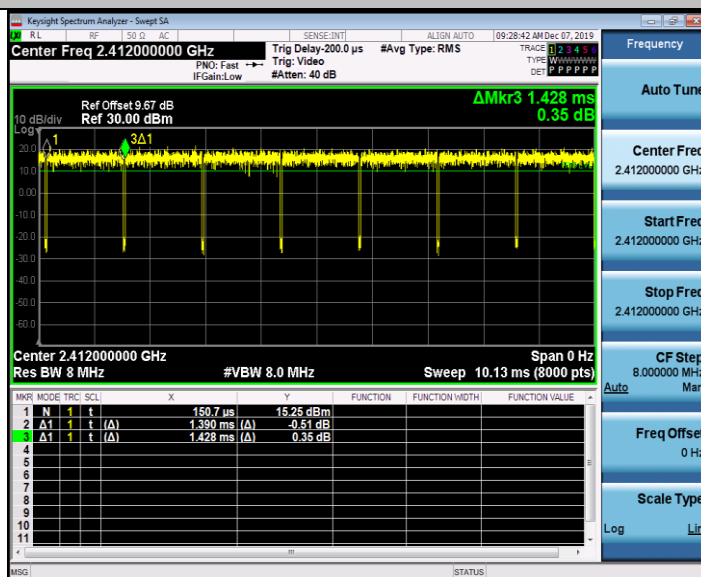
11B_Ant1_2437



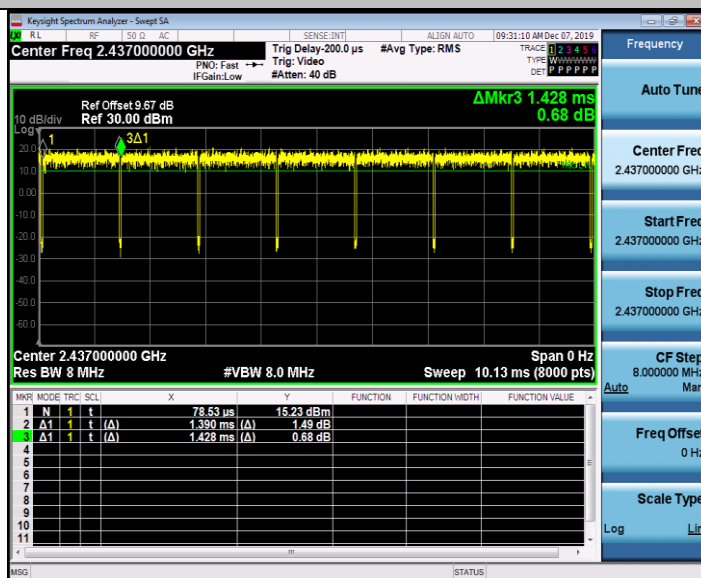
11B_Ant1_2462



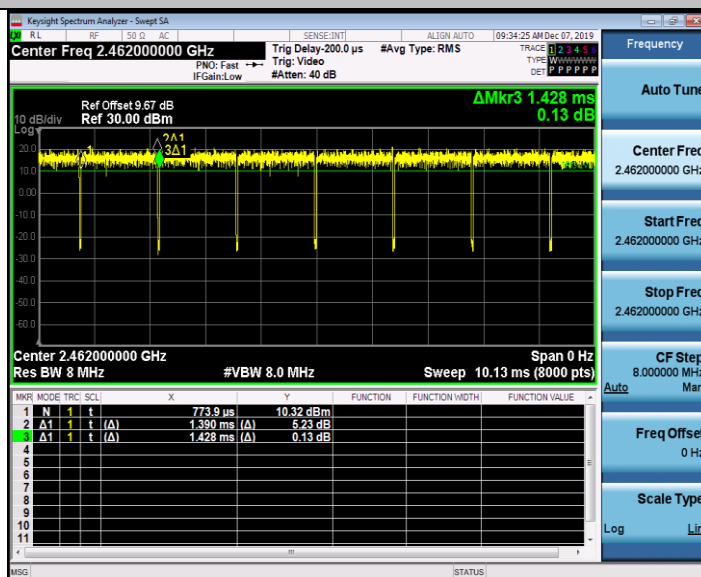
11G_Ant1_2412



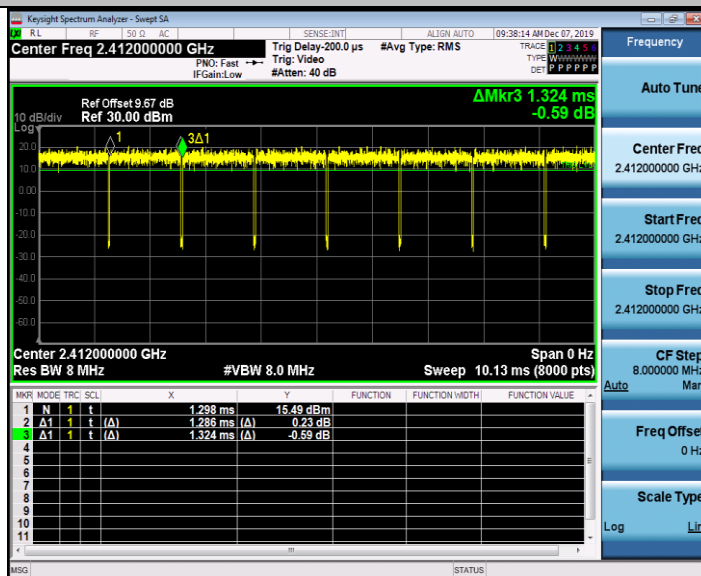
11G_Ant1_2437



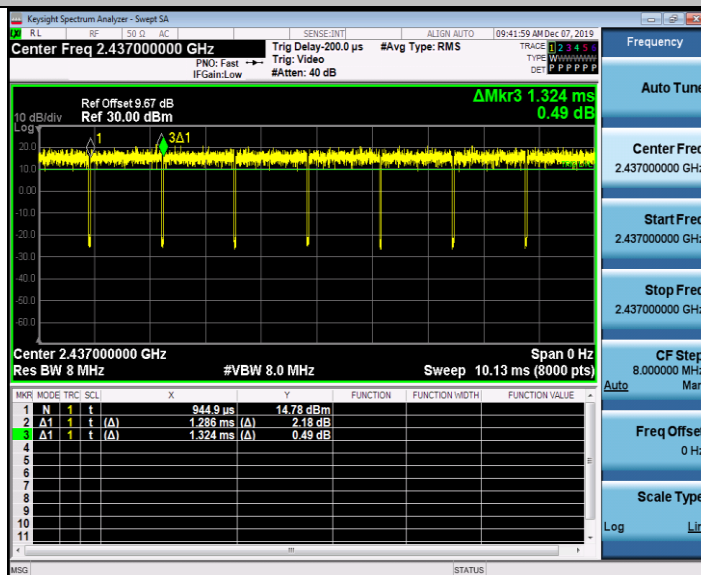
11G_Ant1_2462



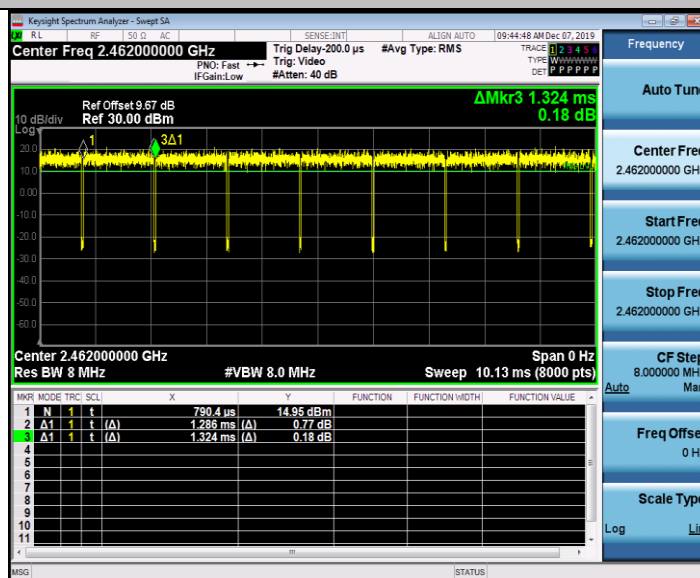
11N20SISO_Ant1_2412



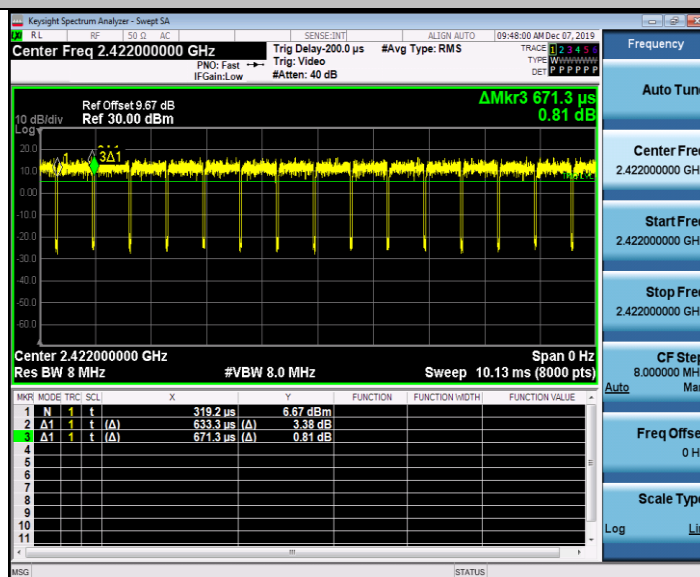
11N20SISO_Ant1_2437



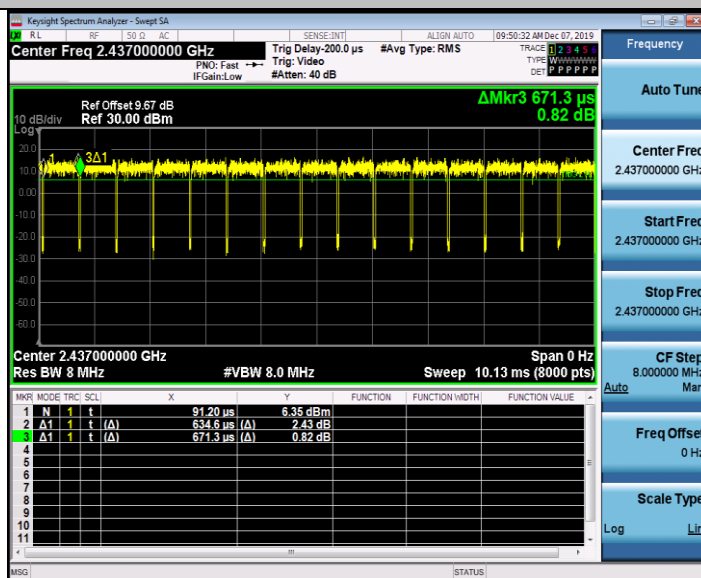
11N20SISO Ant1 2462



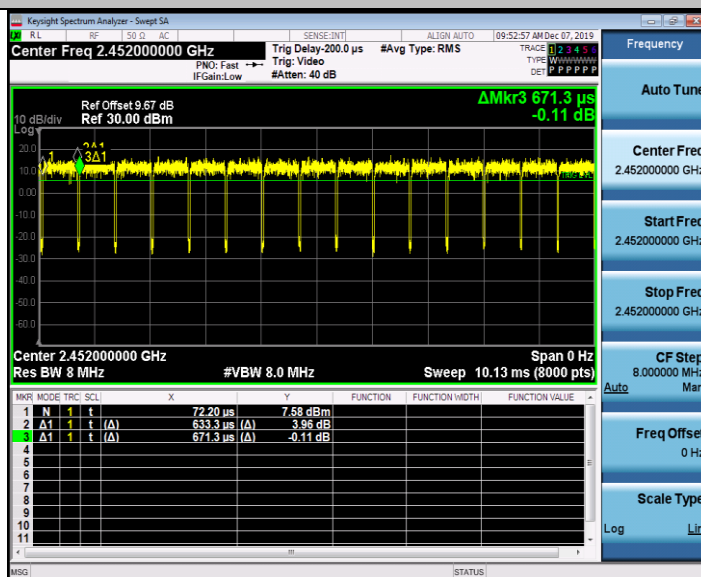
11N40SISO Ant1 2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	99.58	0.02	4.43	-5.57	<=8	PASS
		2437	99.61	0.02	4.16	-5.84	<=8	PASS
		2462	99.61	0.02	4.63	-5.37	<=8	PASS
11G	Ant1	2412	97.34	0.12	-2.35	-12.35	<=8	PASS
		2437	97.34	0.12	-2.58	-12.58	<=8	PASS
		2462	97.34	0.12	-2.22	-12.22	<=8	PASS
11N20SISO	Ant1	2412	97.13	0.13	-2.54	-12.54	<=8	PASS
		2437	97.13	0.13	-2.72	-12.72	<=8	PASS
		2462	97.13	0.13	-2.03	-12.03	<=8	PASS
11N40SISO	Ant1	2422	99.58	0.02	-6.1	-16.1	<=8	PASS
		2437	99.61	0.02	-5.93	-15.93	<=8	PASS
		2452	99.61	0.02	-6.03	-16.03	<=8	PASS

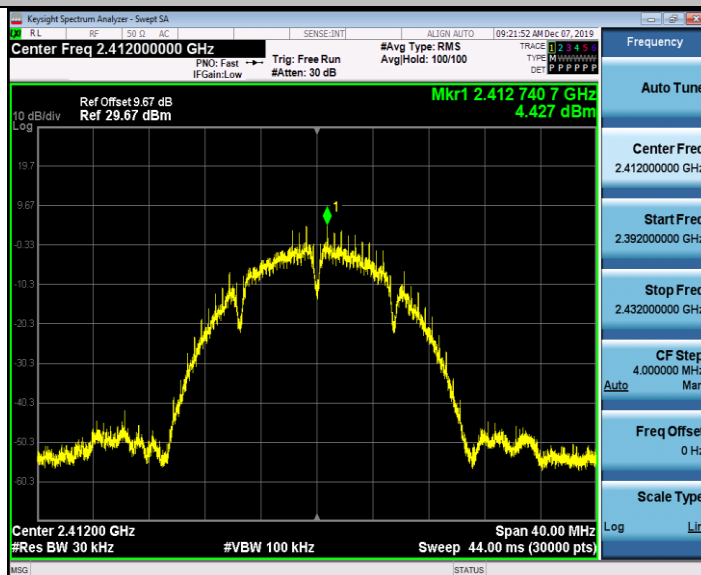
Note:

calculating the RBW=3kHz value

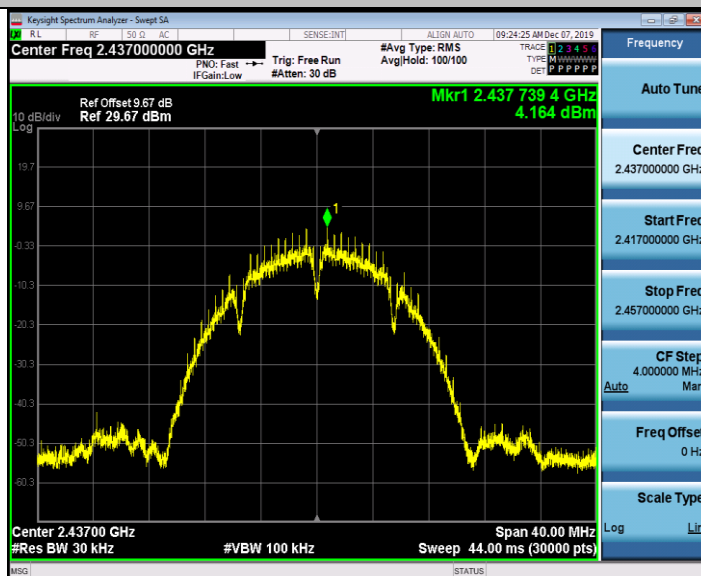
4.43 (AV.PSD At RBW=30kHz)-10*log(30/3)=-5.57(AV.PSD At RBW=3kHz)

Test Graphs

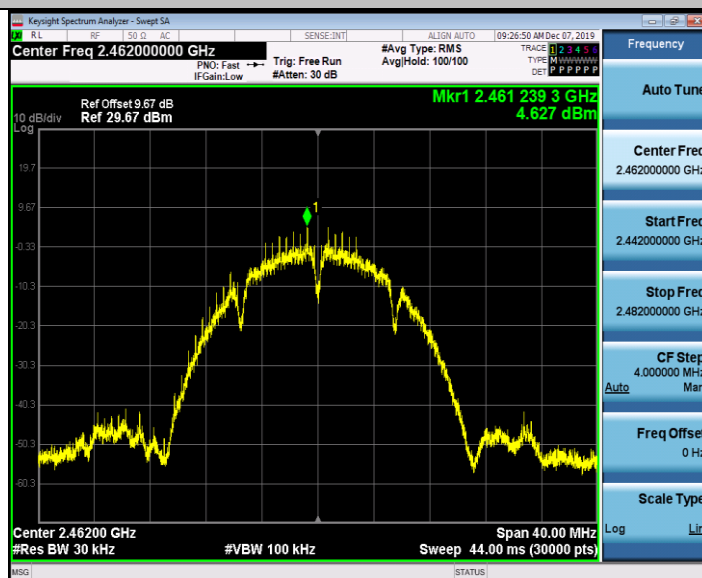
11B_Ant1_2412



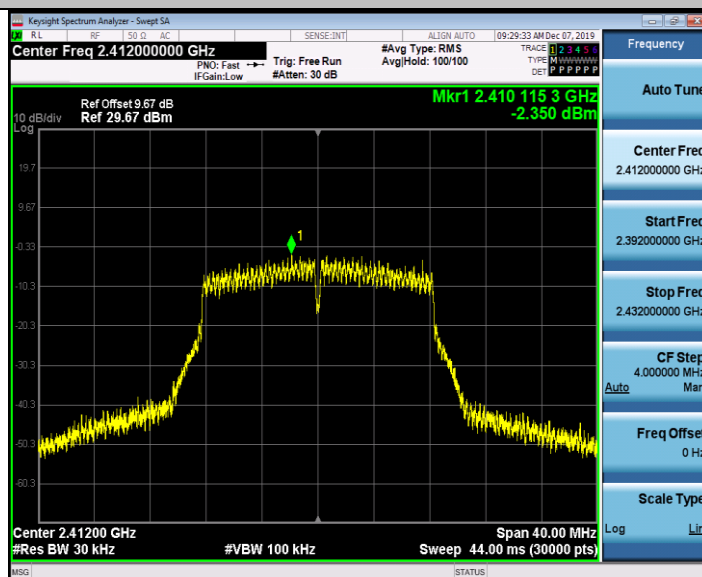
11B_Ant1_2437



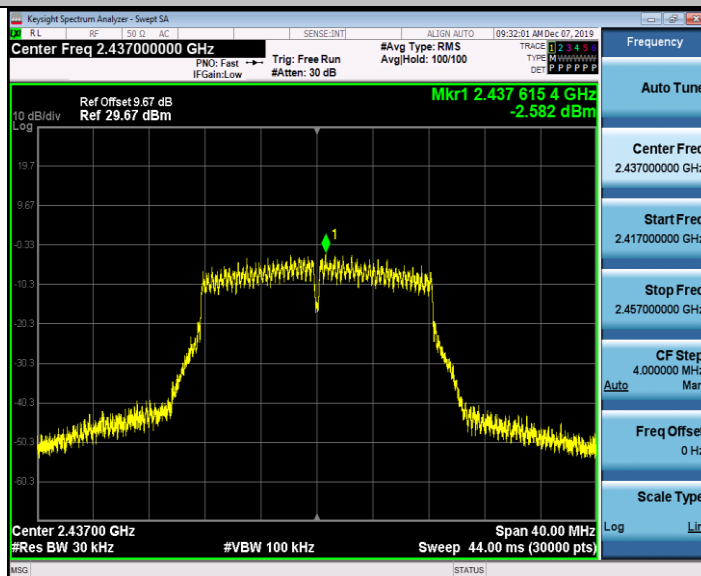
11B_Ant1_2462



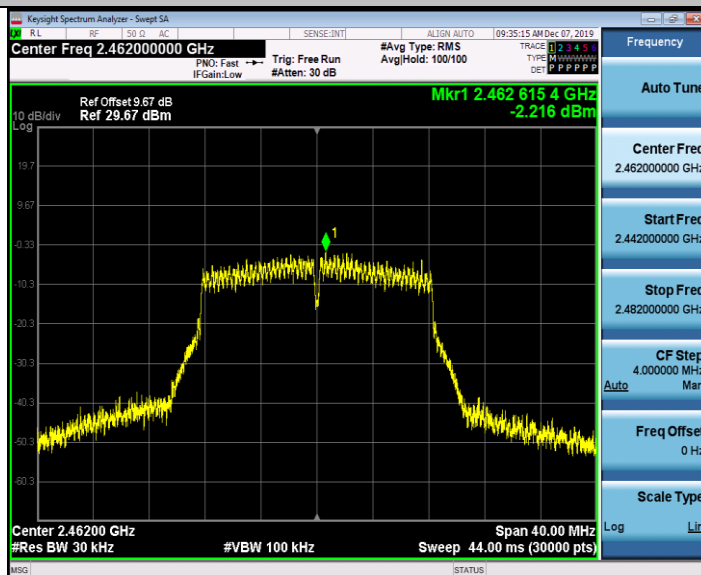
11G_Ant1_2412



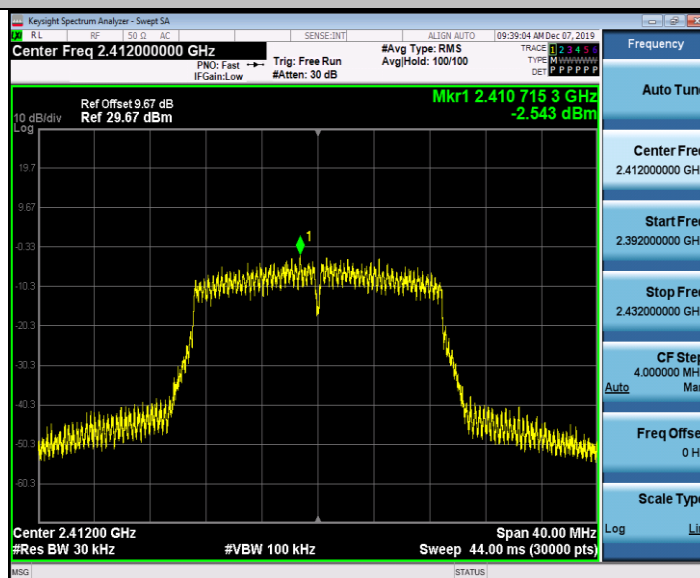
11G_Ant1_2437



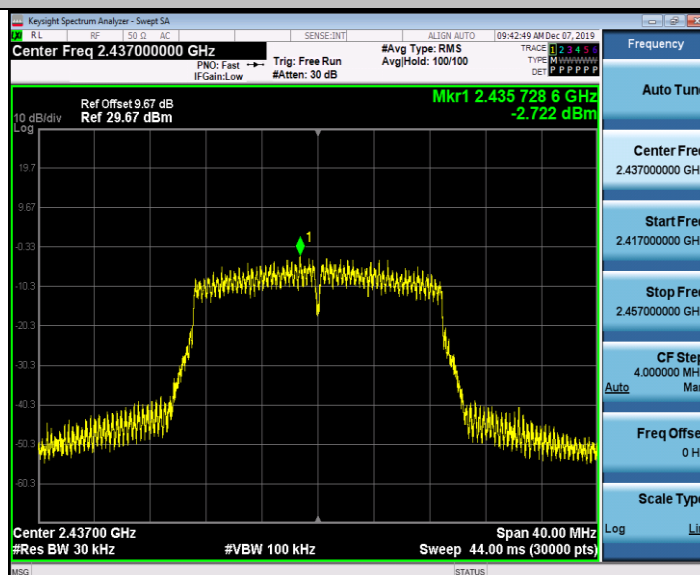
11G_Ant1_2462



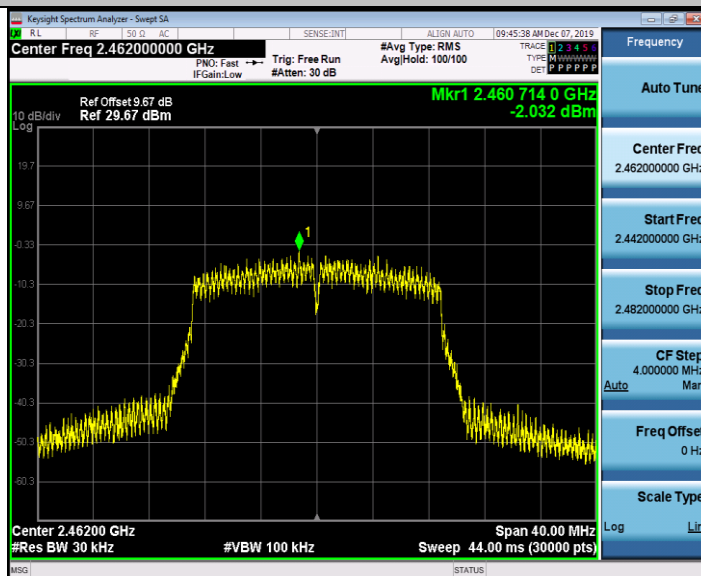
11N20SISO_Ant1_2412



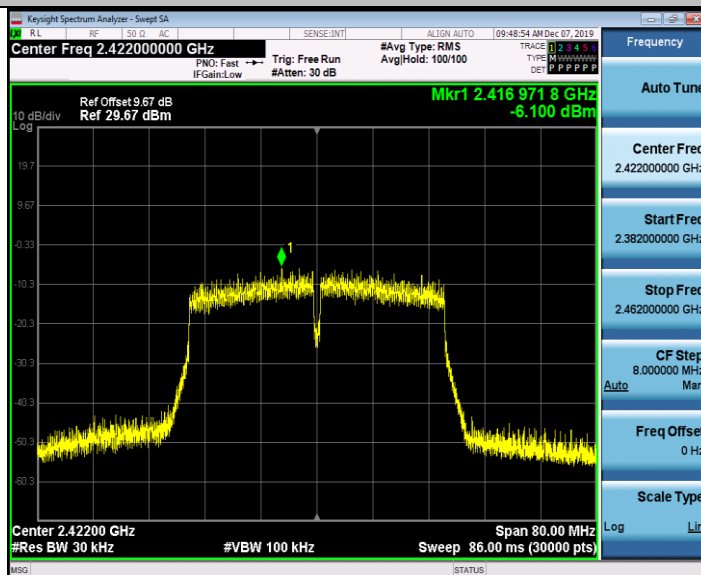
11N20SISO_Ant1_2437



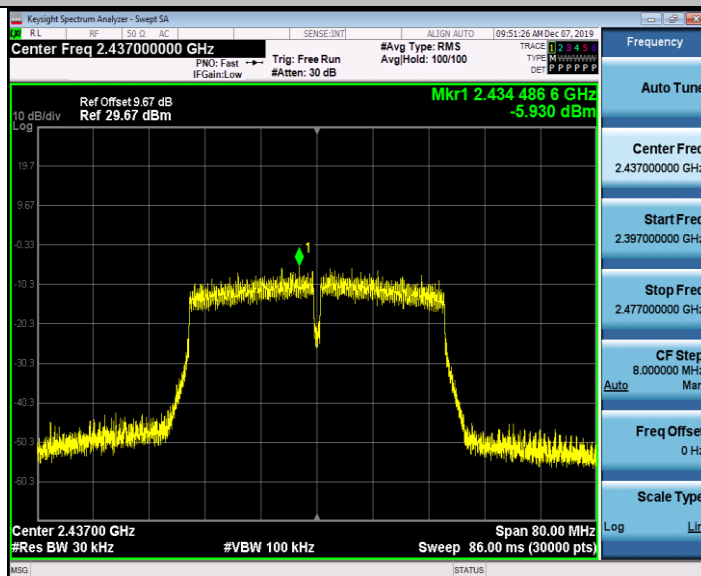
11N20SISO_Ant1_2462



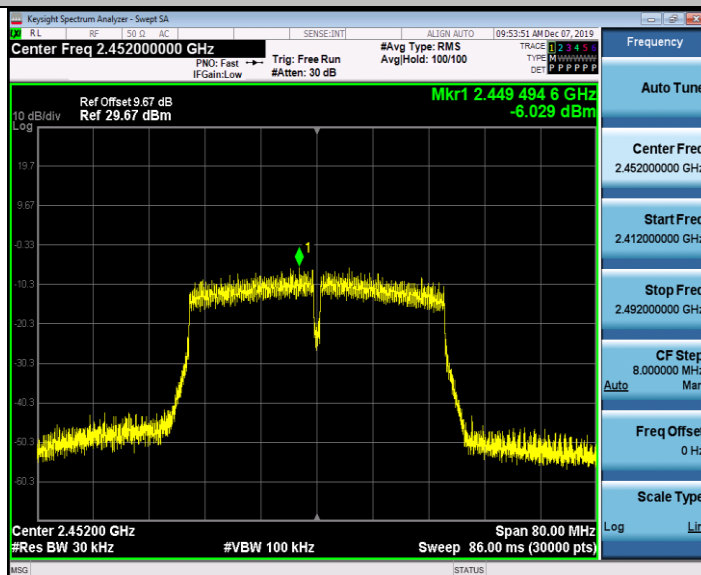
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



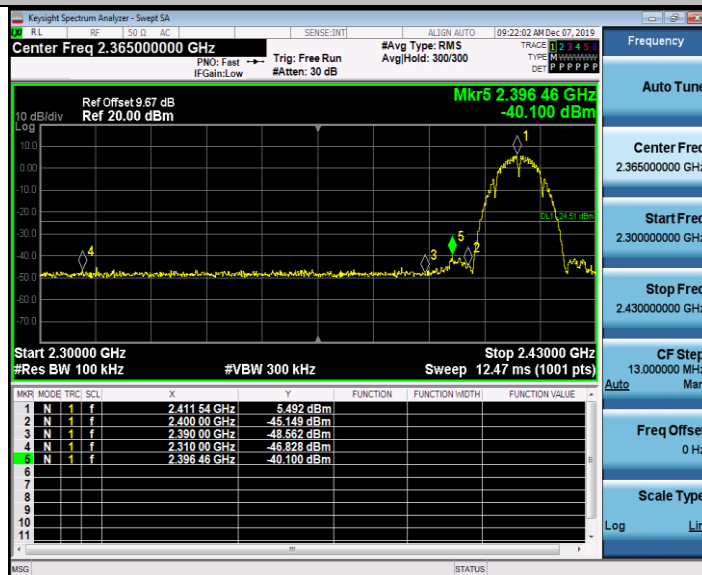
Appendix F: Band edge measurements

Test Result

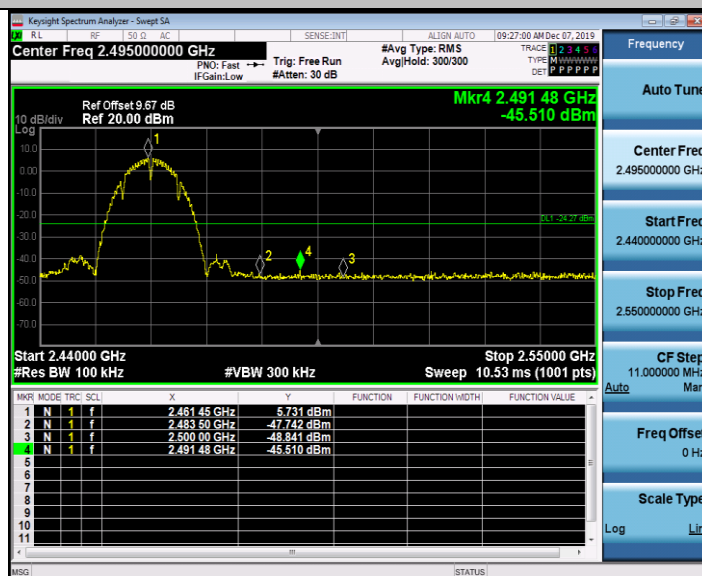
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1			5.49	-40.1	<=-24.51	PASS
				5.73	-45.51	<=-24.27	PASS
11G	Ant1			3.24	-31.77	<=-26.76	PASS
				3.61	-41.91	<=-26.39	PASS
11N20SISO	Ant1			2.34	-31.96	<=-27.66	PASS
				2.75	-43.06	<=-27.25	PASS
11N40SISO	Ant1			-0.92	-36.05	<=-30.92	PASS
		High	2452	-0.81	-39.6	<=-30.81	PASS

Test Graphs

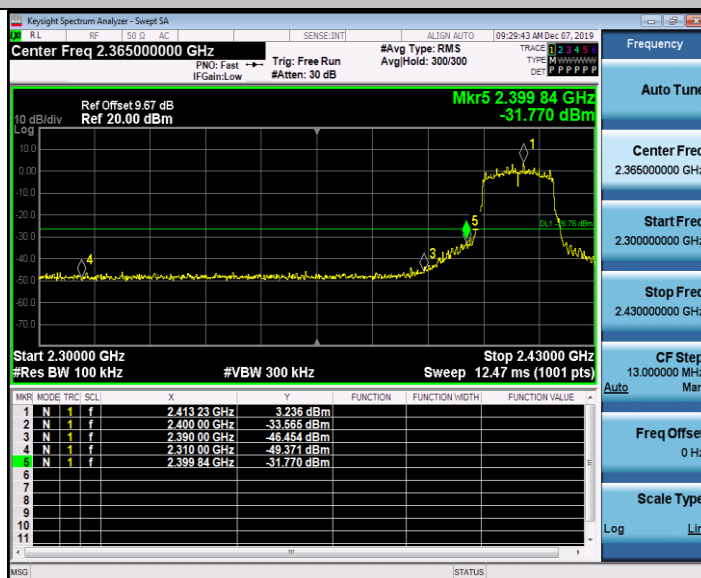
11B_Ant1_Low_2412



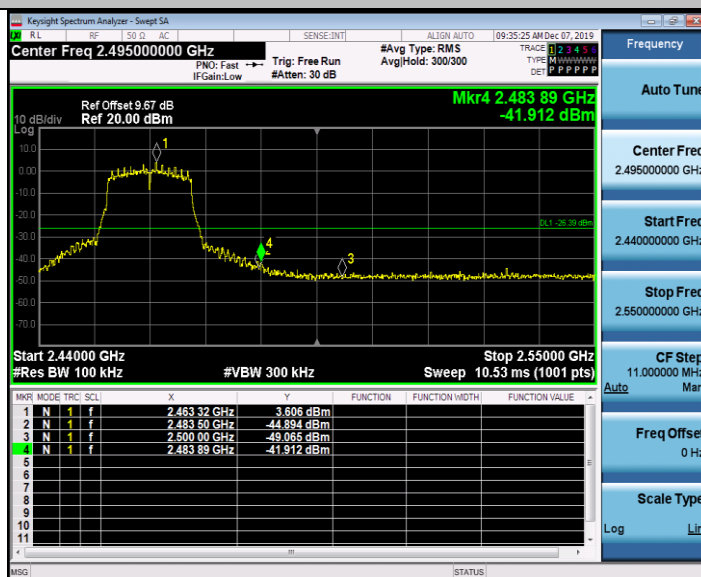
11B_Ant1_High_2462



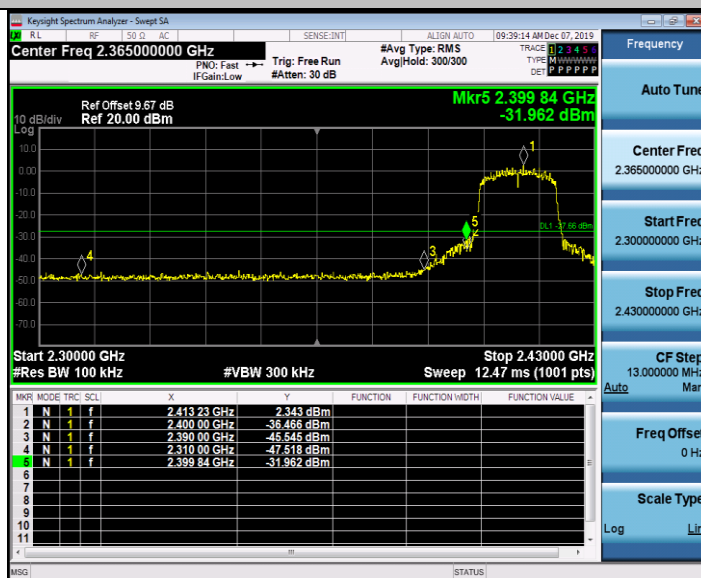
11G_Ant1_Low_2412



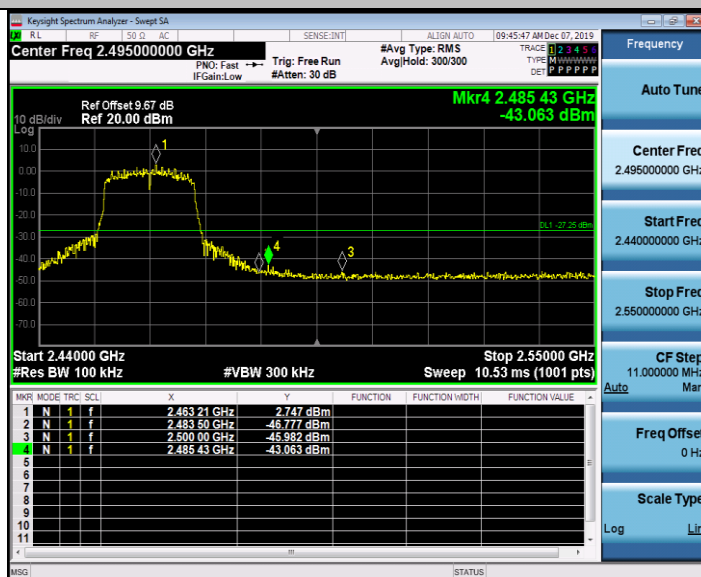
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.45	5.45	---	PASS
			30~1000	30~1000	-65.541	<=-24.546	PASS
			1000~26500	1000~26500	-47.933	<=-24.546	PASS
		2437	Reference	5.12	5.12	---	PASS
			30~1000	30~1000	-65.693	<=-24.879	PASS
			1000~26500	1000~26500	-47.93	<=-24.879	PASS
		2462	Reference	5.74	5.74	---	PASS
			30~1000	30~1000	-65.782	<=-24.265	PASS
			1000~26500	1000~26500	-47.095	<=-24.265	PASS
11G	Ant1	2412	Reference	2.91	2.91	---	PASS
			30~1000	30~1000	-65.105	<=-27.092	PASS
			1000~26500	1000~26500	-47.934	<=-27.092	PASS
		2437	Reference	2.19	2.19	---	PASS
			30~1000	30~1000	-66.204	<=-27.815	PASS
			1000~26500	1000~26500	-47.648	<=-27.815	PASS
		2462	Reference	3.28	3.28	---	PASS
			30~1000	30~1000	-65.725	<=-26.724	PASS
			1000~26500	1000~26500	-46.973	<=-26.724	PASS
11N20SISO	Ant1	2412	Reference	1.55	1.55	---	PASS
			30~1000	30~1000	-66.203	<=-28.451	PASS
			1000~26500	1000~26500	-47.774	<=-28.451	PASS
		2437	Reference	1.17	1.17	---	PASS
			30~1000	30~1000	-65.819	<=-28.828	PASS
			1000~26500	1000~26500	-47.359	<=-28.828	PASS
		2462	Reference	2.72	2.72	---	PASS
			30~1000	30~1000	-65.885	<=-27.278	PASS
			1000~26500	1000~26500	-47.488	<=-27.278	PASS
11N40SISO	Ant1	2422	Reference	-1.12	-1.12	---	PASS
			30~1000	30~1000	-64.831	<=-31.115	PASS
			1000~26500	1000~26500	-47.283	<=-31.115	PASS

		2437	Reference	-0.95	-0.95	---	PASS
			30~1000	30~1000	-65.068	<=-30.946	PASS
			1000~26500	1000~26500	-47.03	<=-30.946	PASS
		2452	Reference	-0.78	-0.78	---	PASS
			30~1000	30~1000	-65.703	<=-30.779	PASS
			1000~26500	1000~26500	-47.468	<=-30.779	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



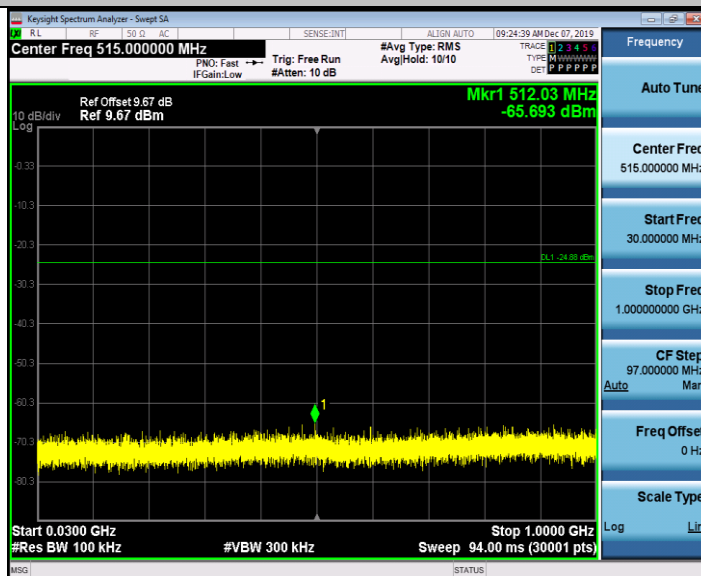
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



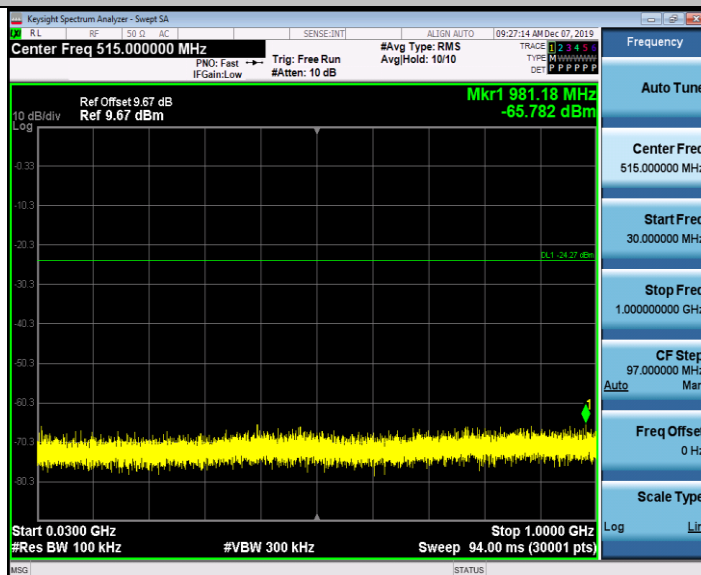
11B_Ant1_2437_1000~26500



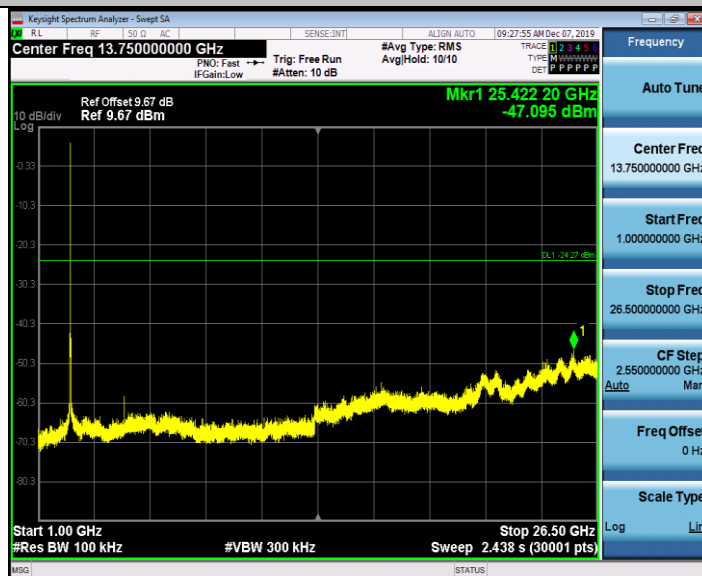
11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference

