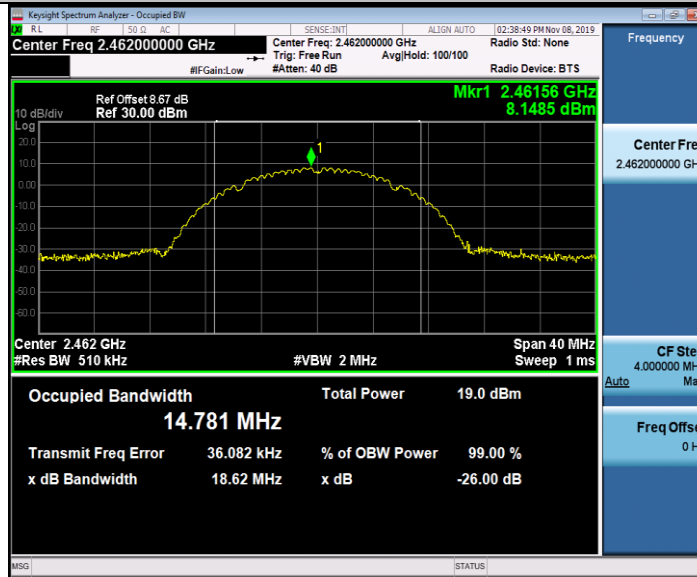
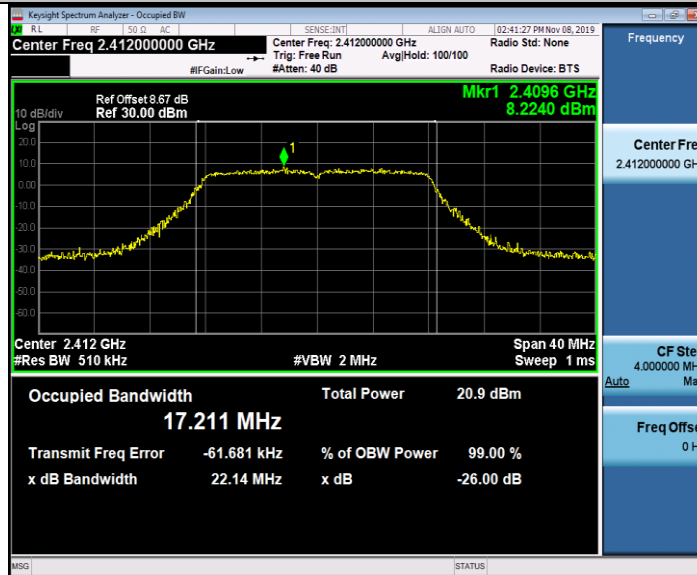


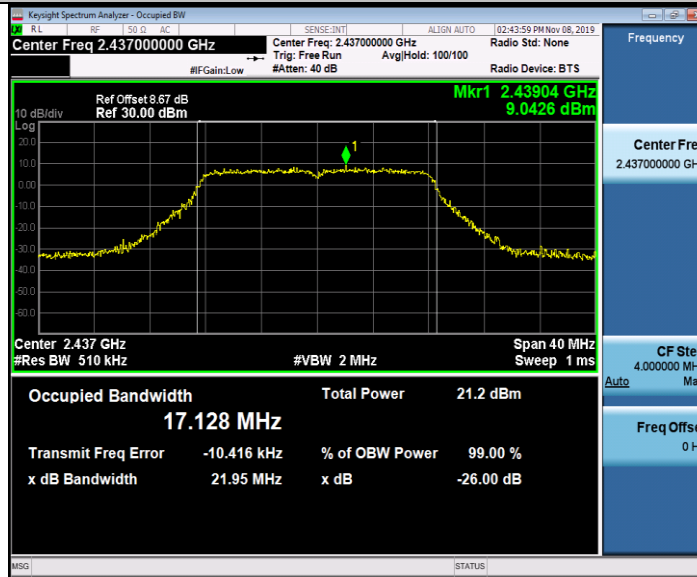
11B_Ant1_2462



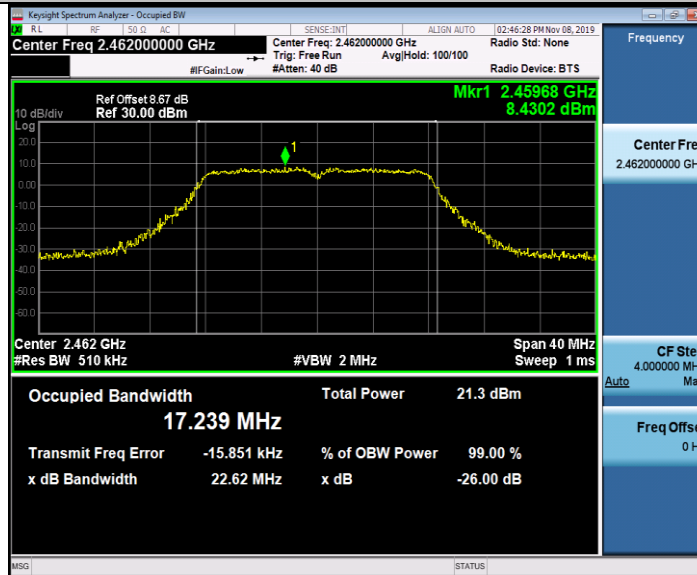
11G_Ant1_2412



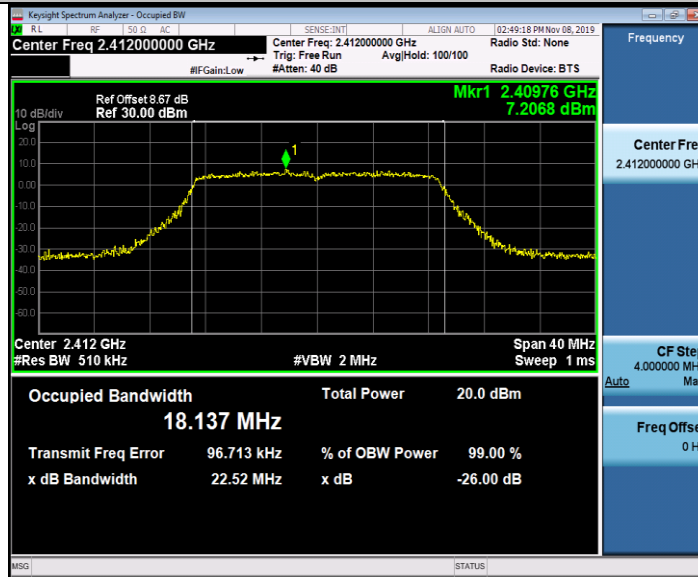
11G_Ant1_2437



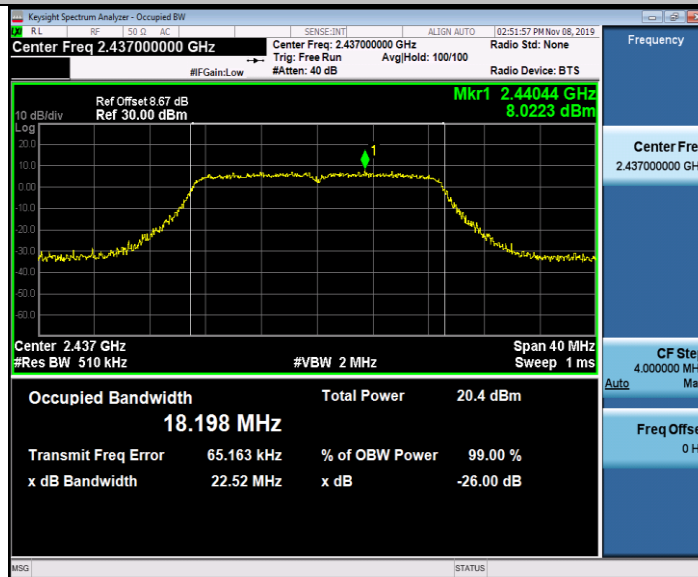
11G_Ant1_2462



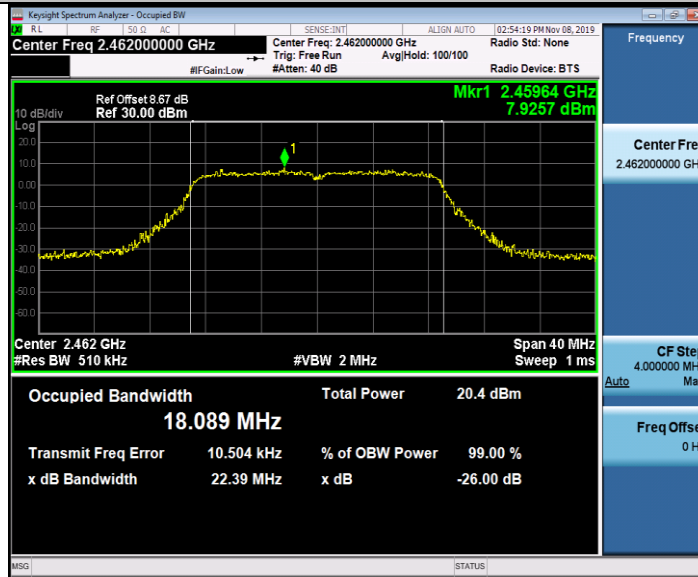
11N20SISO_Ant1_2412



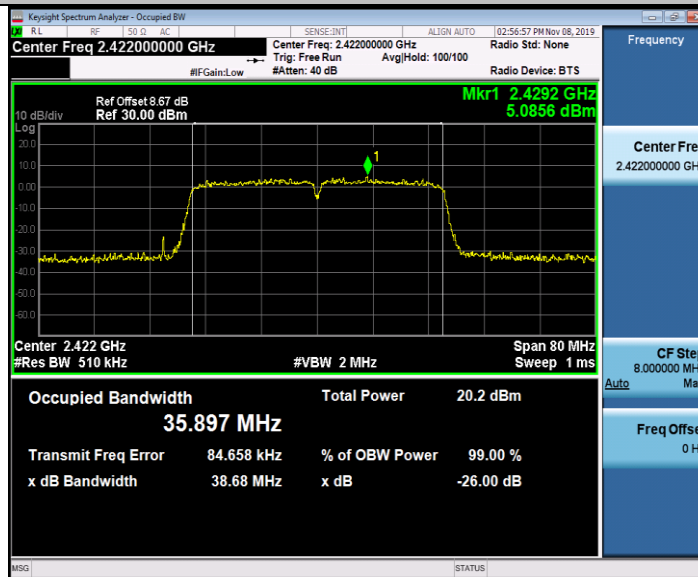
11N20SISO_Ant1_2437



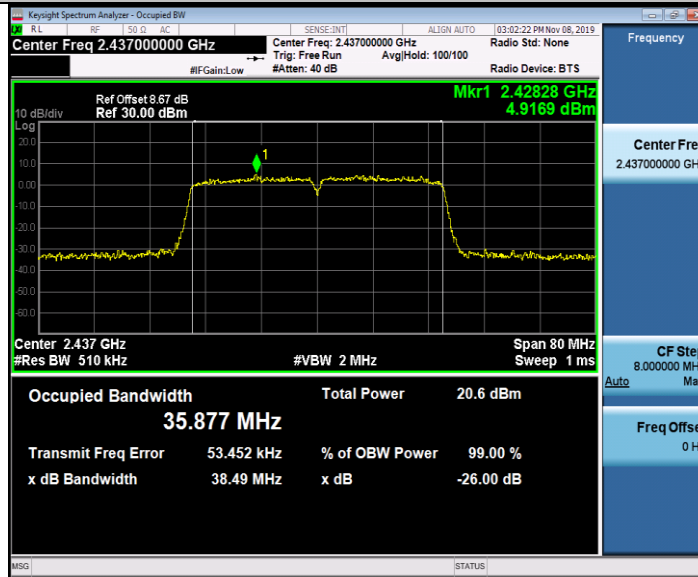
11N20SISO_Ant1_2462



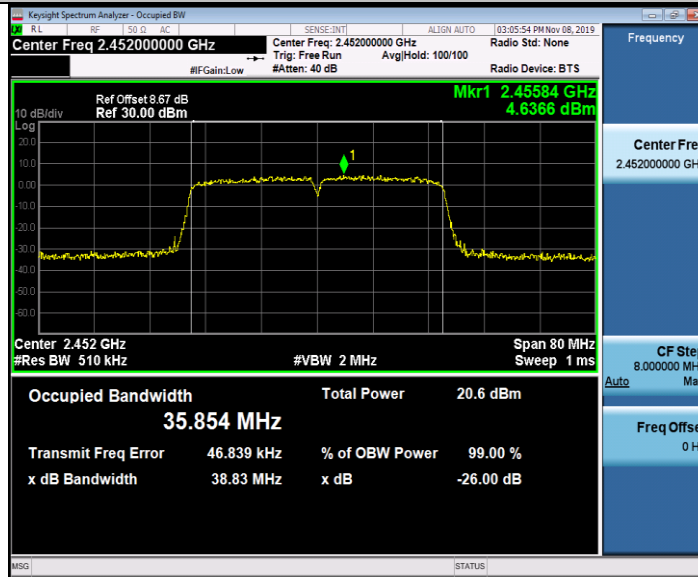
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

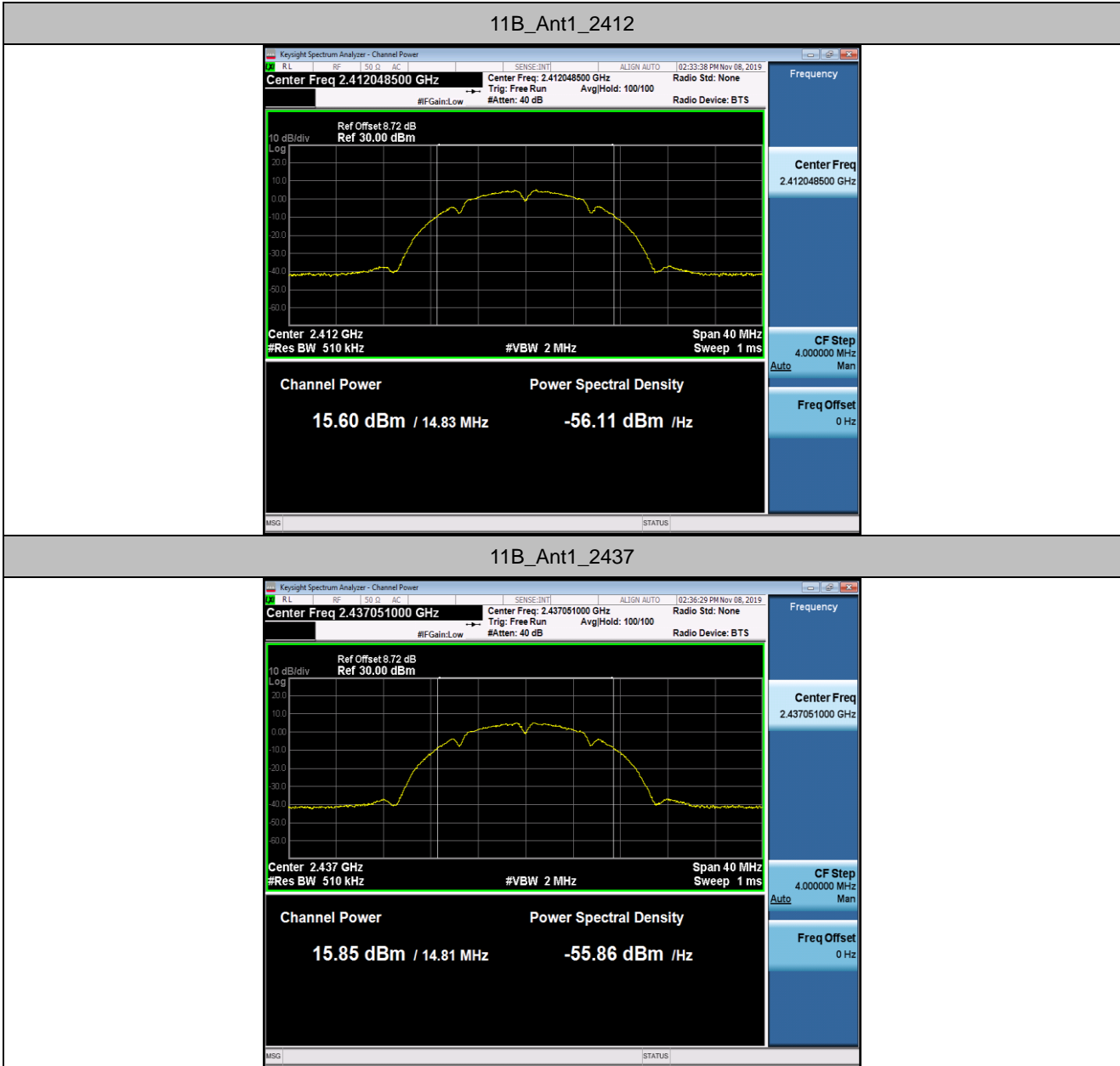


Appendix C: Maximum conducted output power

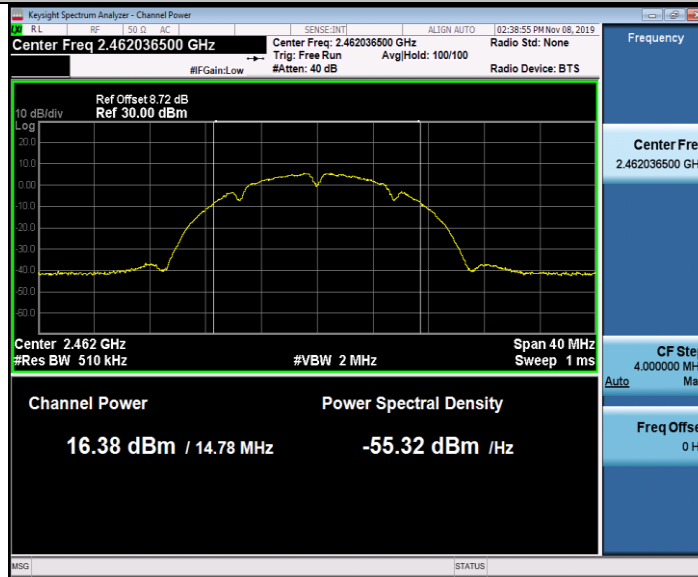
Test Result

TestMode	Antenna	Channel	Meas.Level [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.60	<=30	PASS
		2437	15.85	<=30	PASS
		2462	16.38	<=30	PASS
11G	Ant1	2412	14.70	<=30	PASS
		2437	15.18	<=30	PASS
		2462	15.26	<=30	PASS
11N20SISO	Ant1	2412	13.85	<=30	PASS
		2437	14.32	<=30	PASS
		2462	14.29	<=30	PASS
11N40SISO	Ant1	2422	14.05	<=30	PASS
		2437	14.41	<=30	PASS
		2452	14.40	<=30	PASS

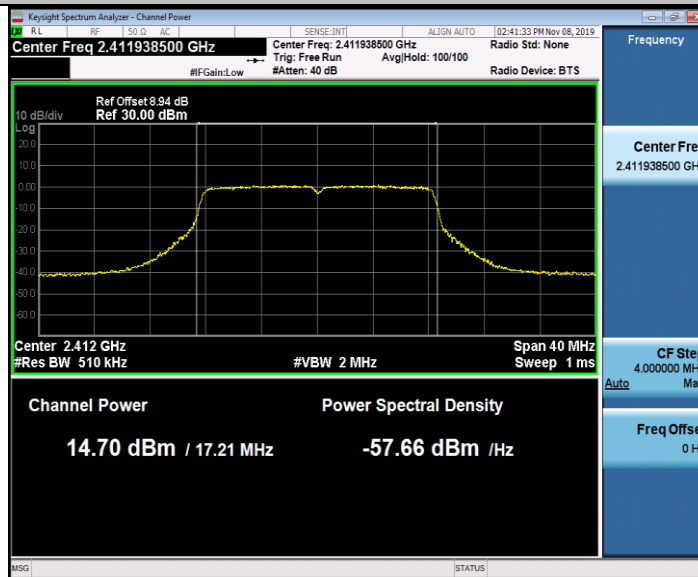
Test Graphs



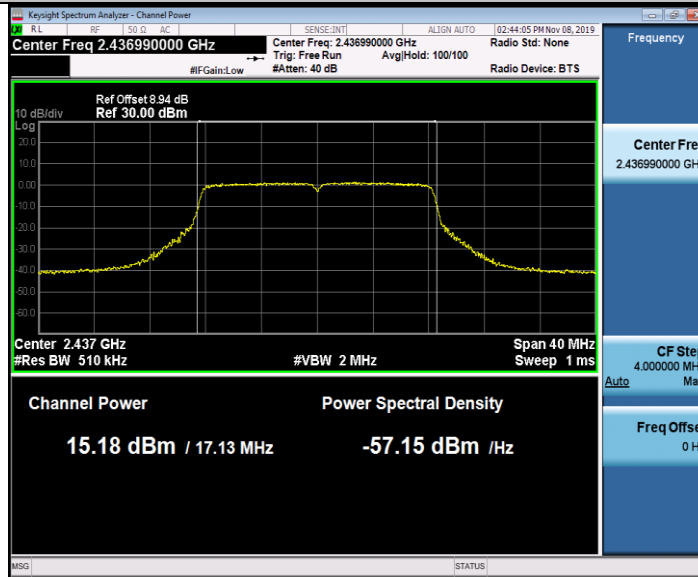
11B_Ant1_2462



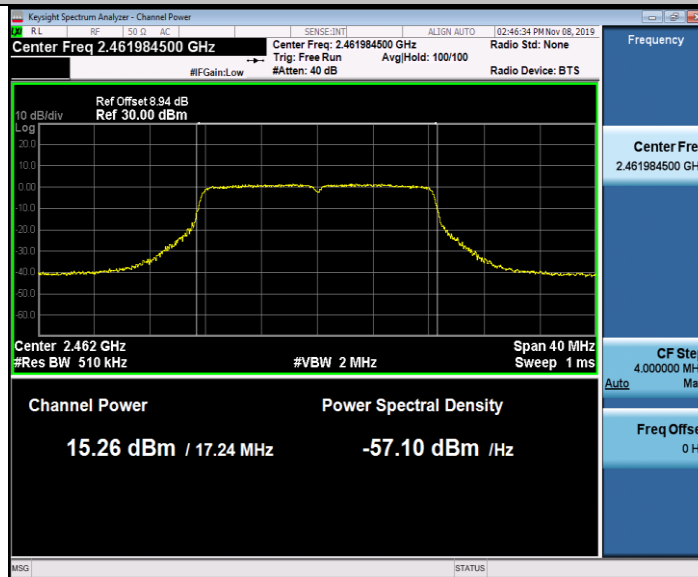
11G_Ant1_2412



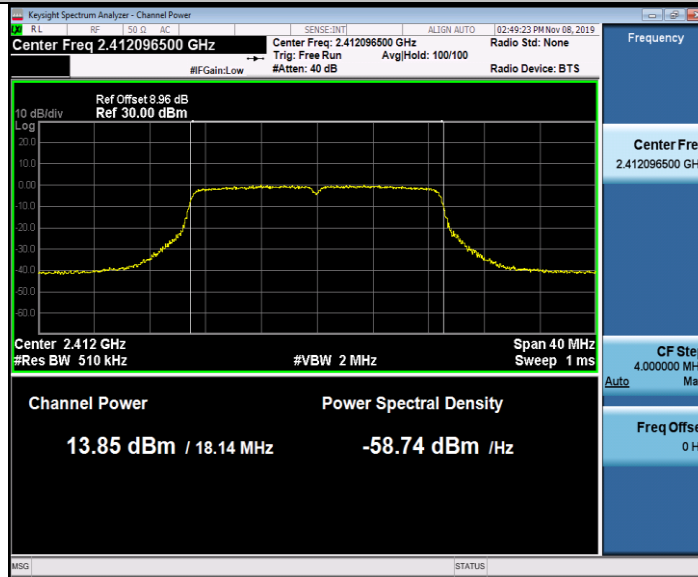
11G_Ant1_2437



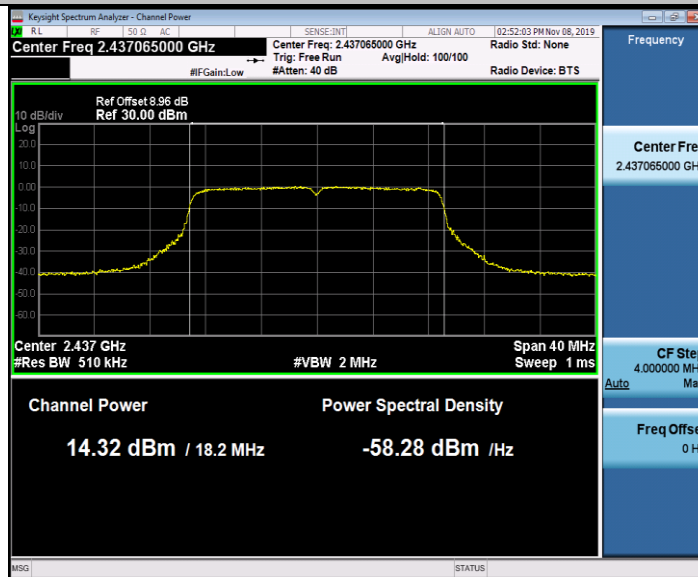
11G_Ant1_2462



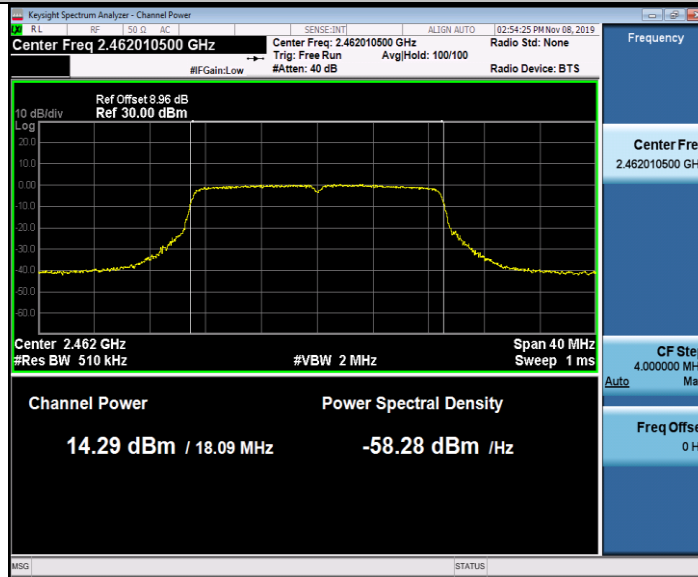
11N20SISO_Ant1_2412



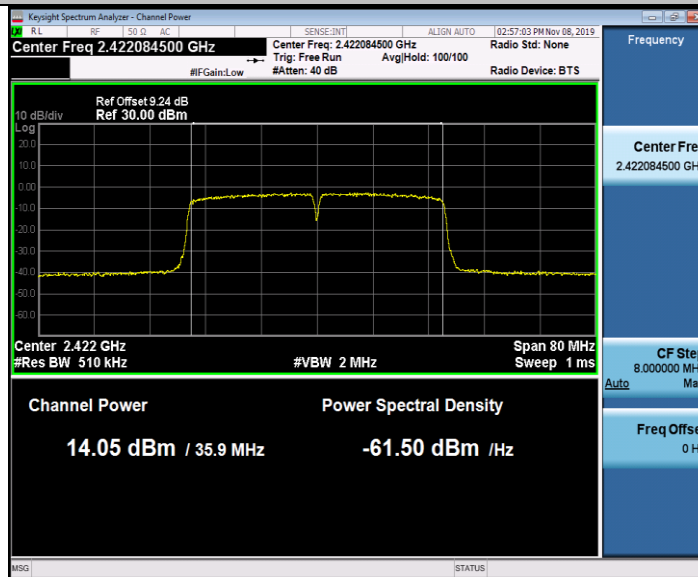
11N20SISO_Ant1_2437



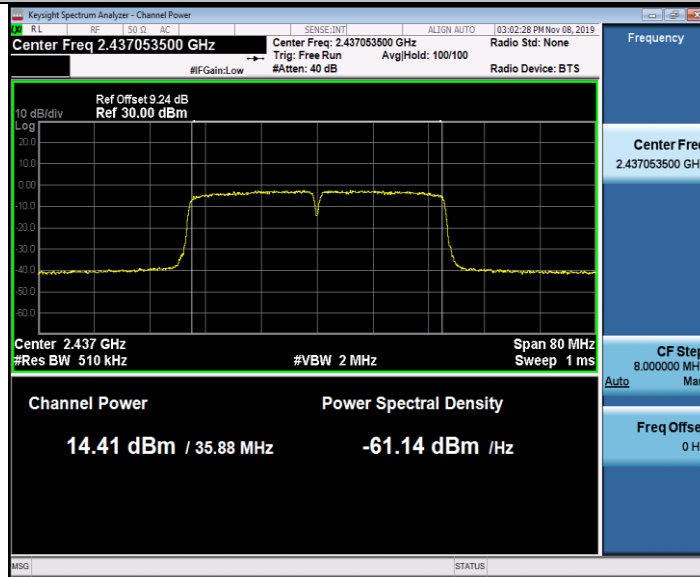
11N20SISO_Ant1_2422



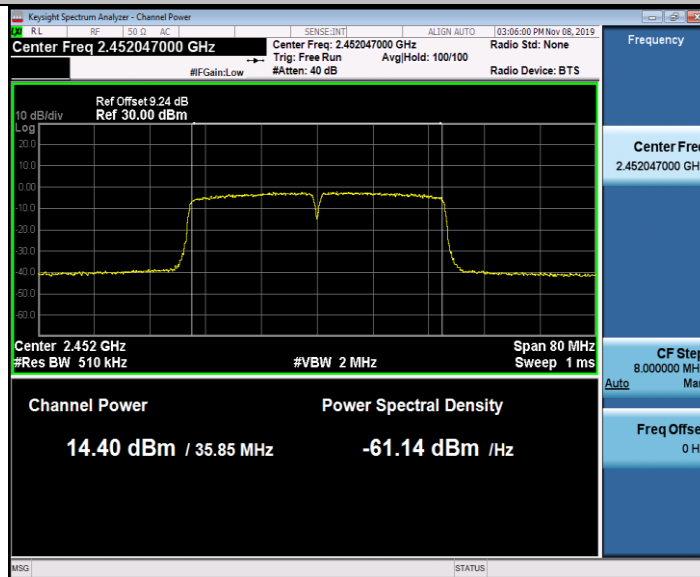
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

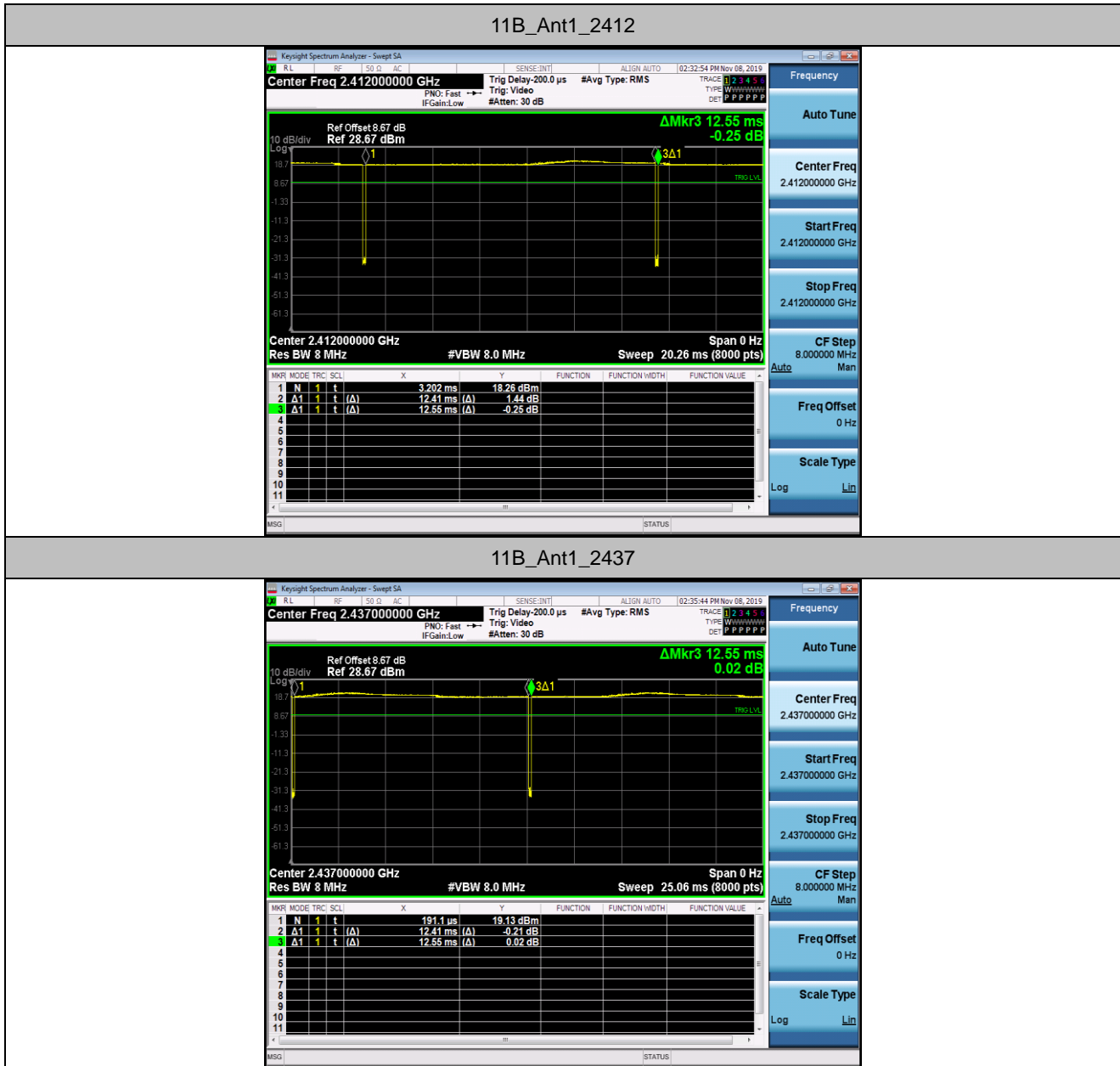


Appendix D: Duty Cycle

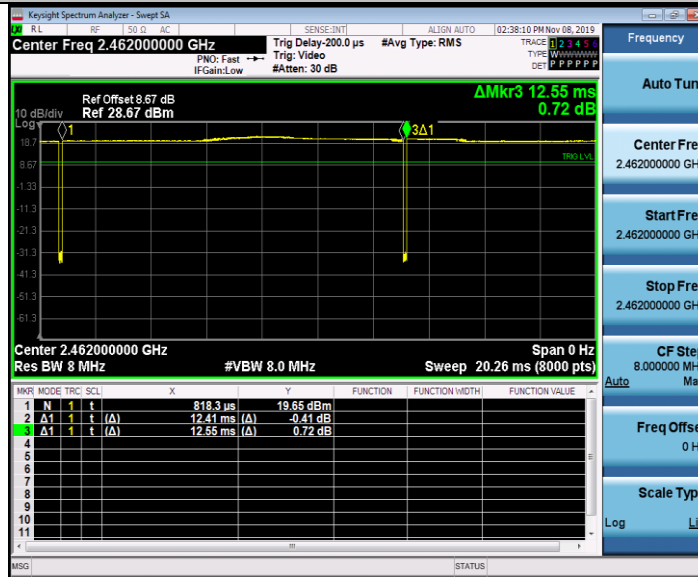
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	12.41	12.55	98.93
		2437	12.41	12.55	98.90
		2462	12.41	12.55	98.93
11G	Ant1	2412	2.06	2.19	93.94
		2437	2.06	2.19	93.94
		2462	2.06	2.19	94.00
11N20SISO	Ant1	2412	1.92	2.05	93.51
		2437	1.92	2.05	93.57
		2462	1.92	2.05	93.51
11N40SISO	Ant1	2422	0.94	1.07	87.62
		2437	0.94	1.07	87.62
		2452	0.94	1.07	87.62

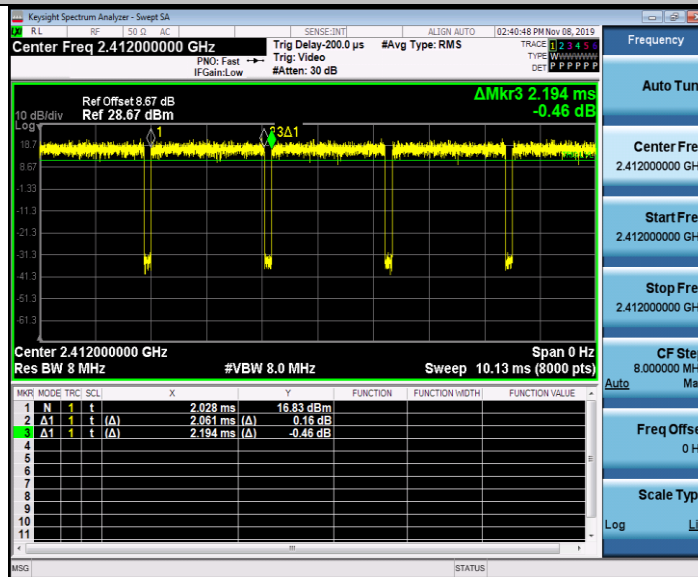
Test Graphs



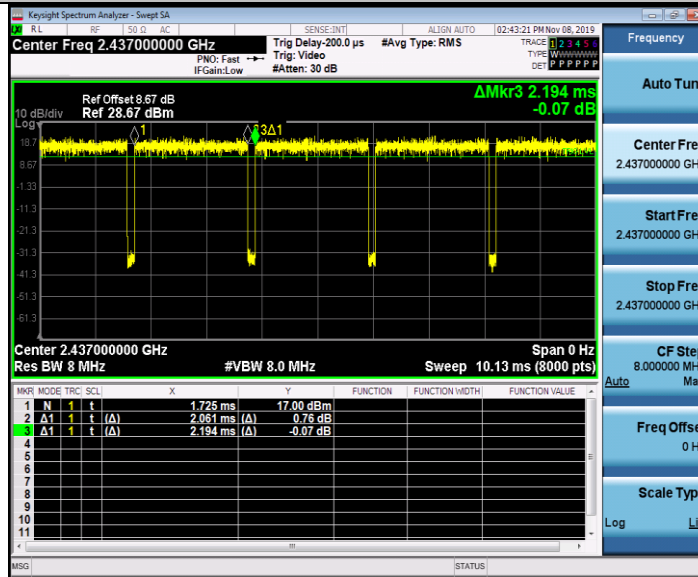
11B_Ant1_2462



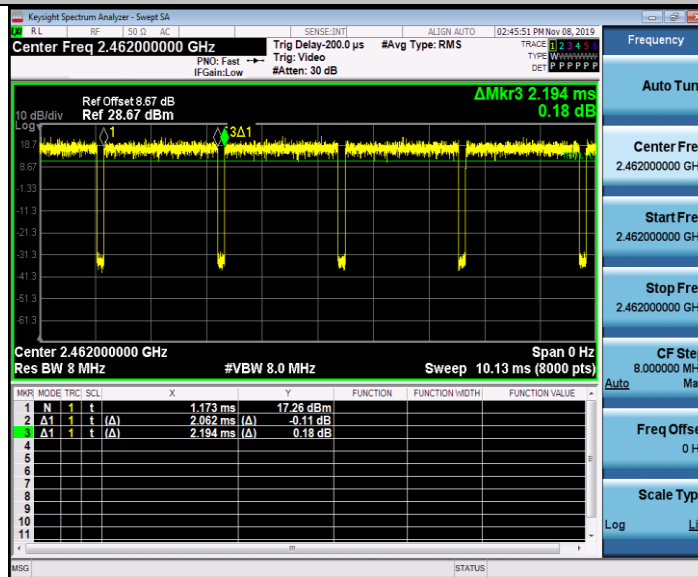
11G_Ant1_2412



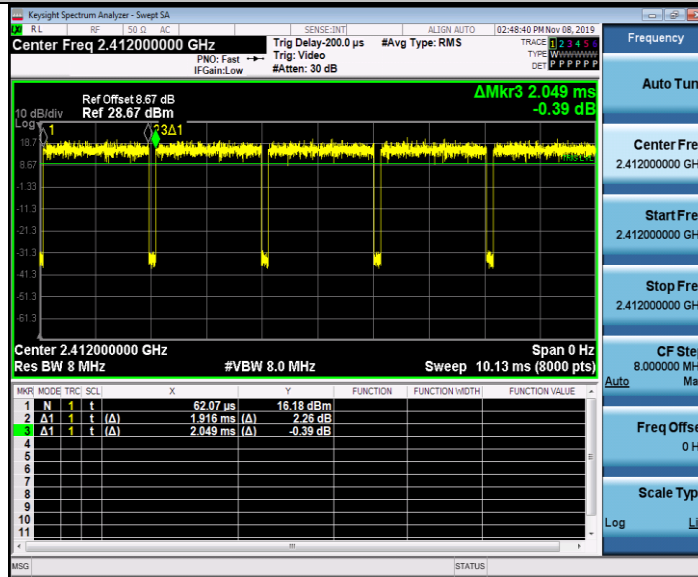
11G_Ant1_2437



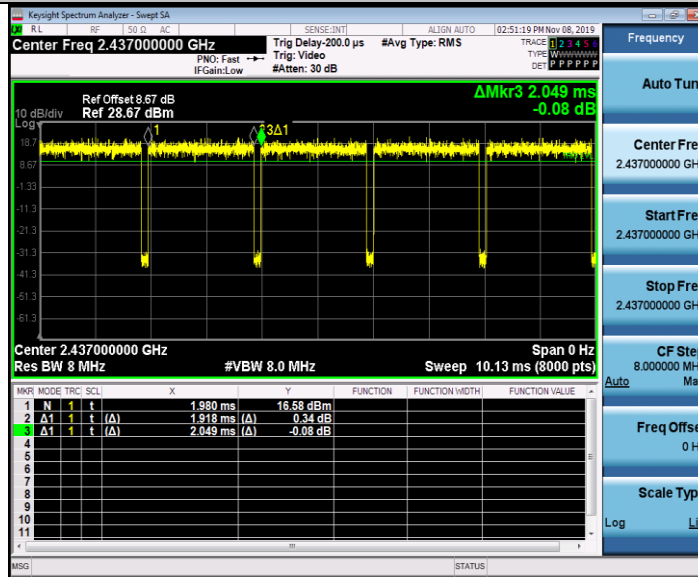
11G_Ant1_2462



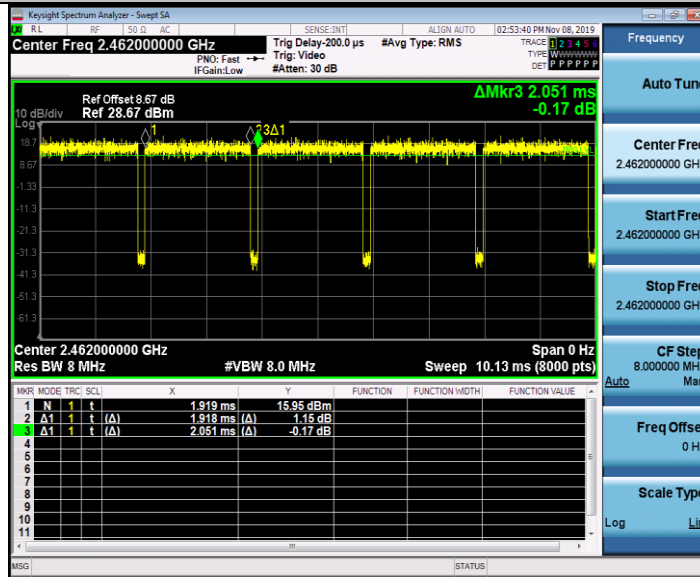
11N20SISO_Ant1_2412



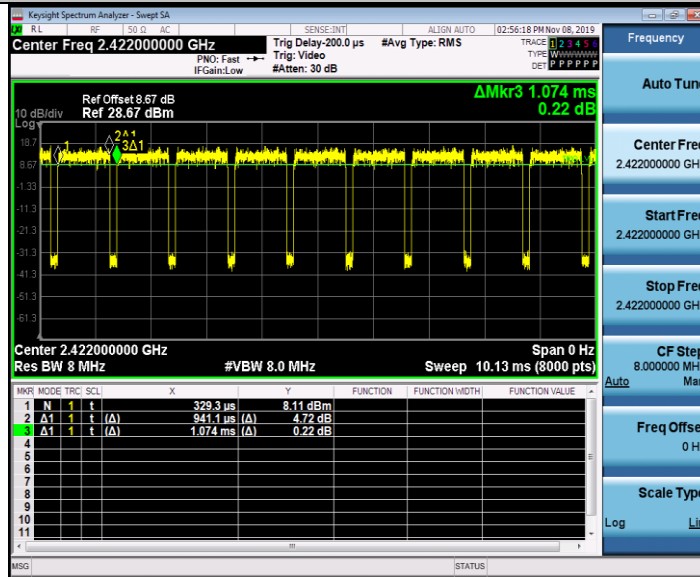
11N20SISO_Ant1_2437



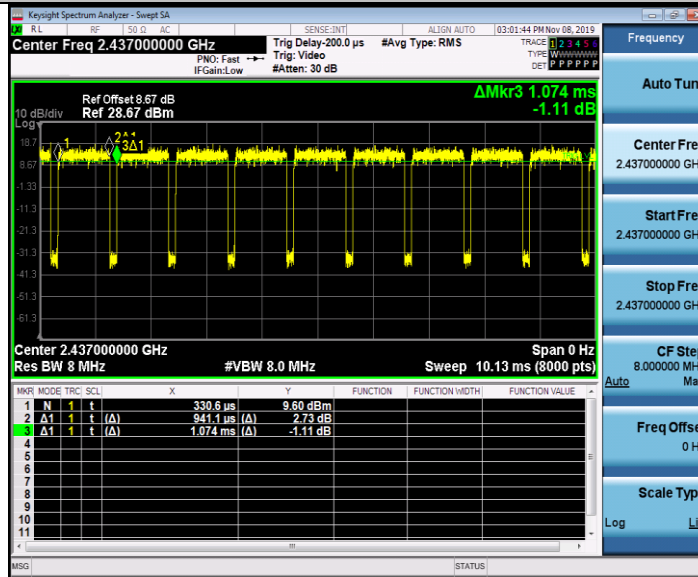
11N20SISO_Ant1_2462



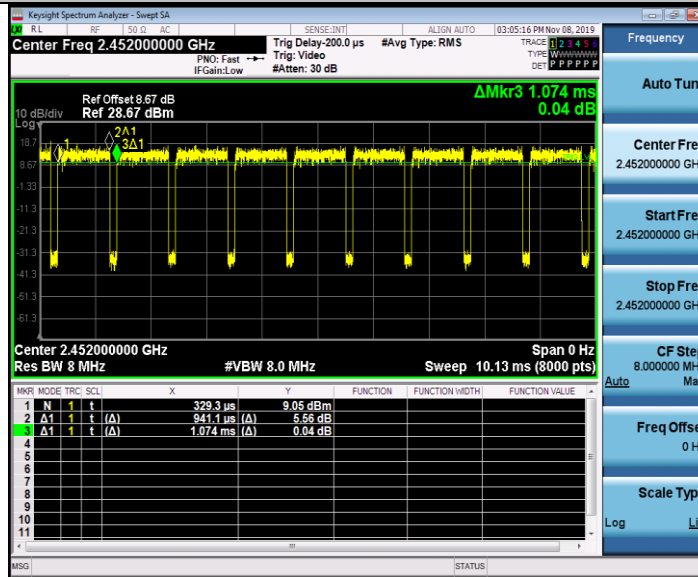
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix E: Maximum power spectral density

Test Result

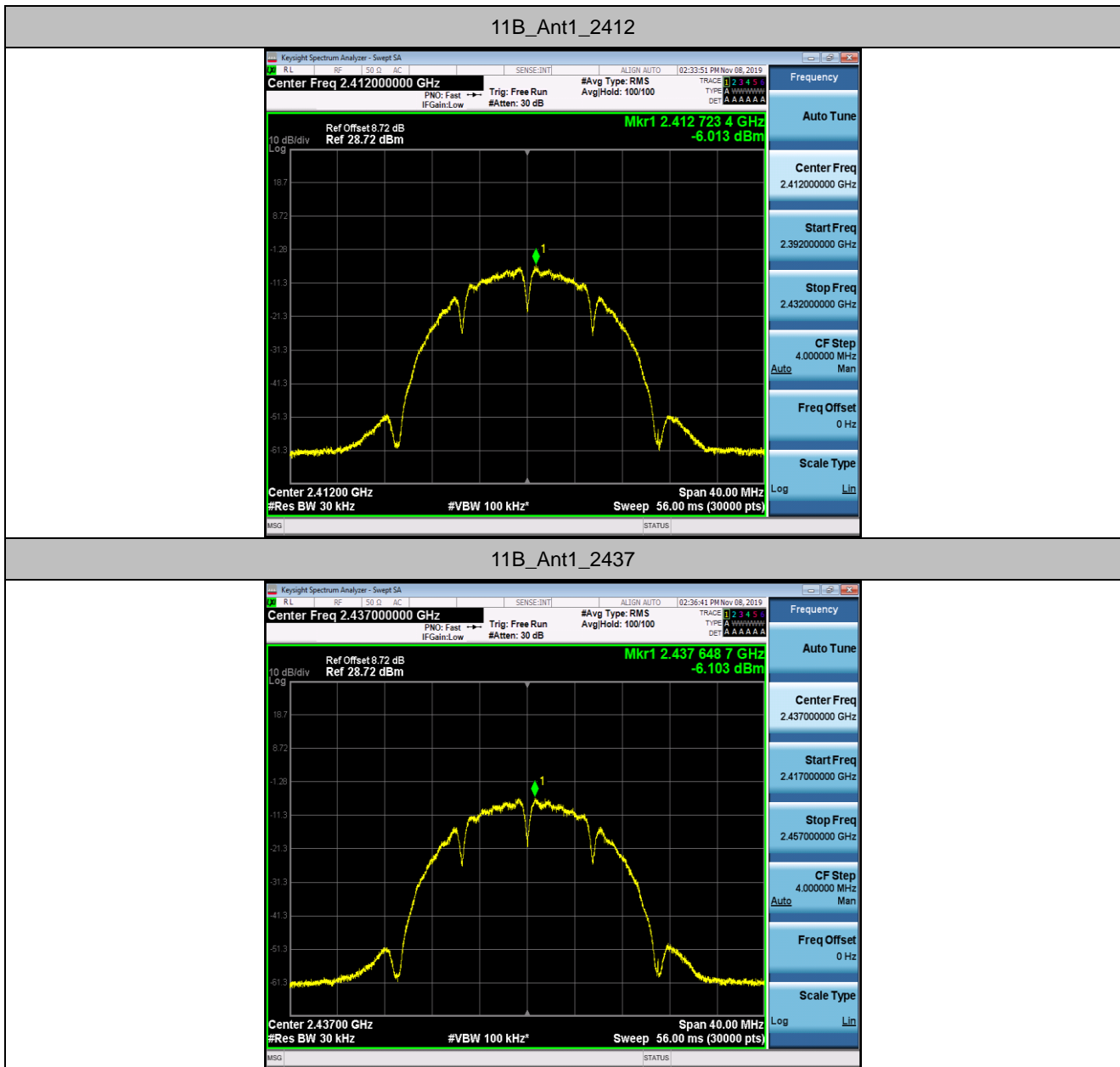
TestMode	Antenna	Channel	Meas.Level [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	-6.01	<=18	PASS
		2437	-6.1	<=18	PASS
		2462	-5.62	<=18	PASS
11G	Ant1	2412	-9.22	<=18	PASS
		2437	-8.67	<=18	PASS
		2462	-8.69	<=18	PASS
11N20SISO	Ant1	2412	-10.07	<=18	PASS
		2437	-9.56	<=18	PASS
		2462	-9.57	<=18	PASS
11N40SISO	Ant1	2422	-12.39	<=18	PASS
		2437	-11.94	<=18	PASS
		2452	-11.66	<=18	PASS

Note:

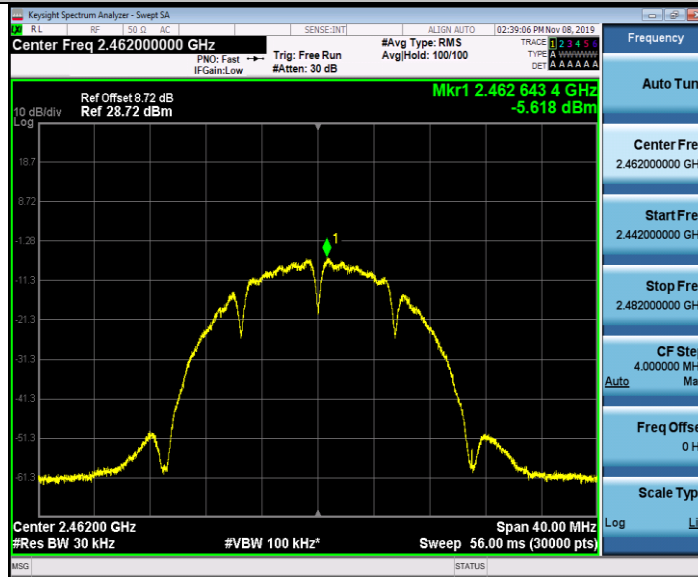
calculating the RBW=30kHz limit

$$8(\text{limit for RBW=3kHz})+10*\log(30/3)= 18$$

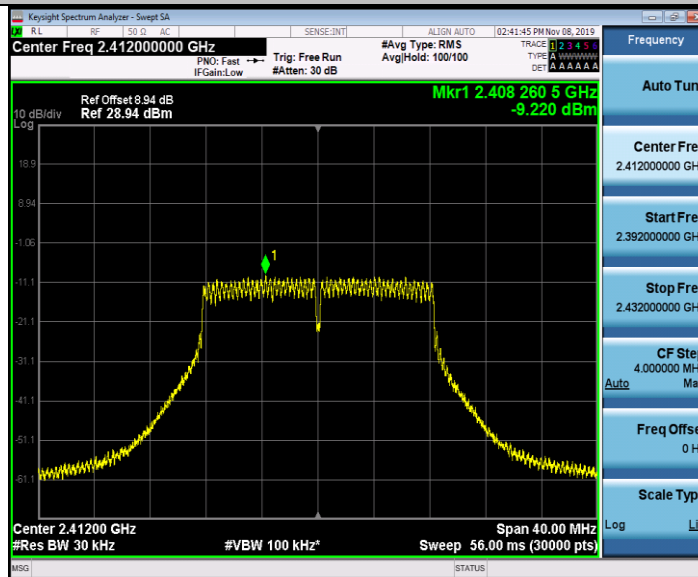
Test Graphs



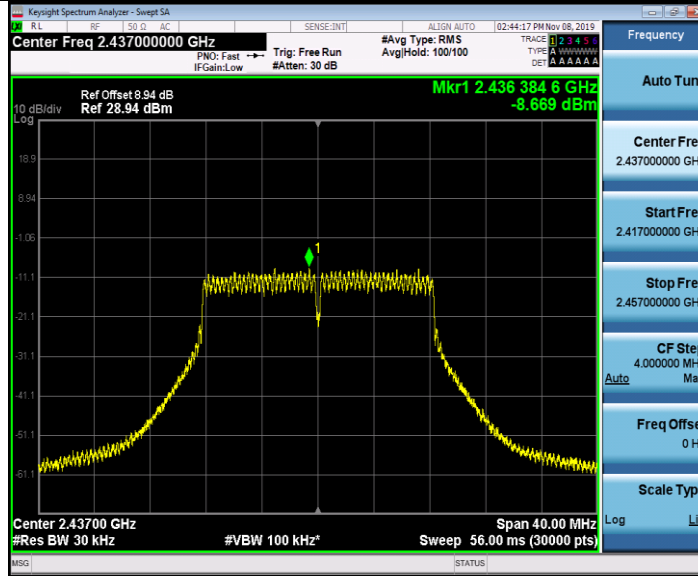
11B_Ant1_2462



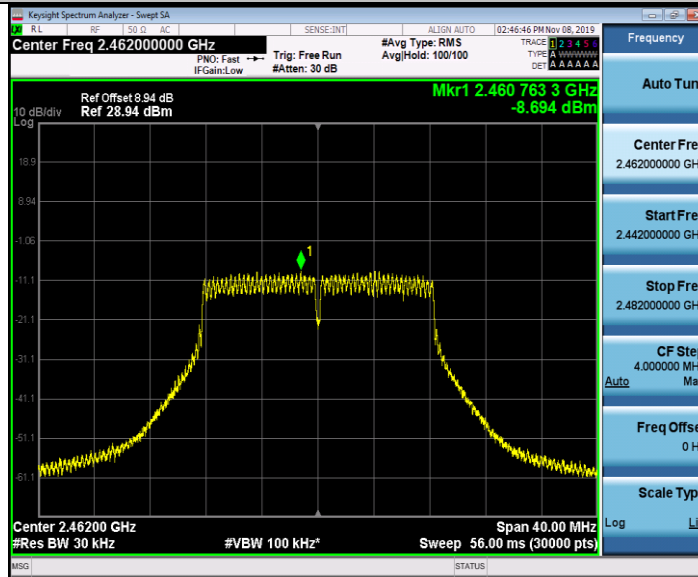
11G_Ant1_2412



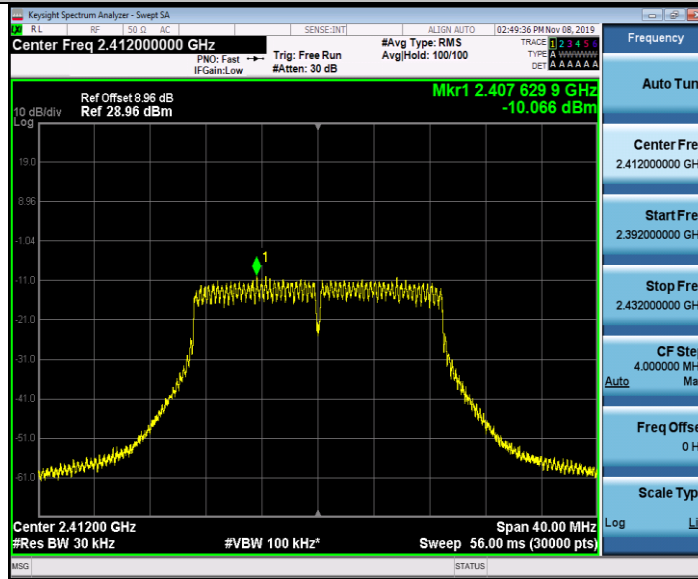
11G_Ant1_2437



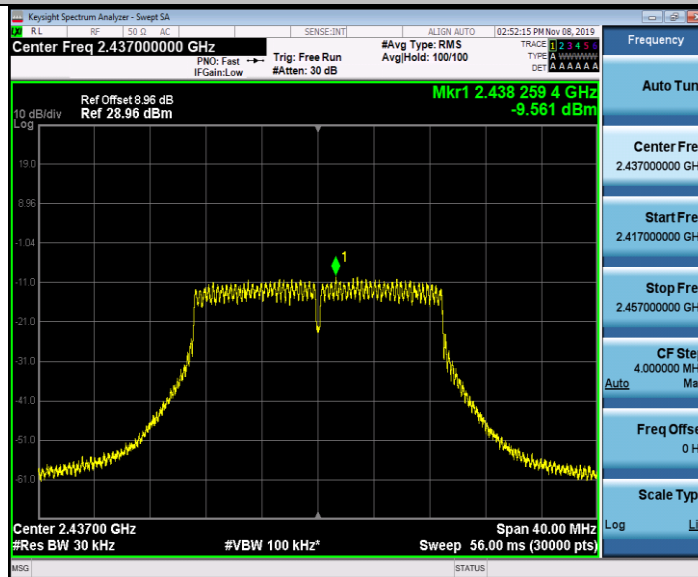
11G_Ant1_2462



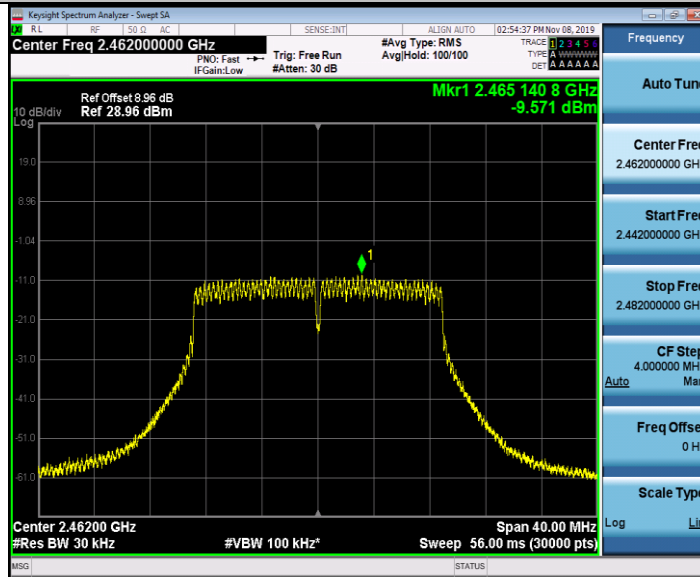
11N20SISO_Ant1_2412



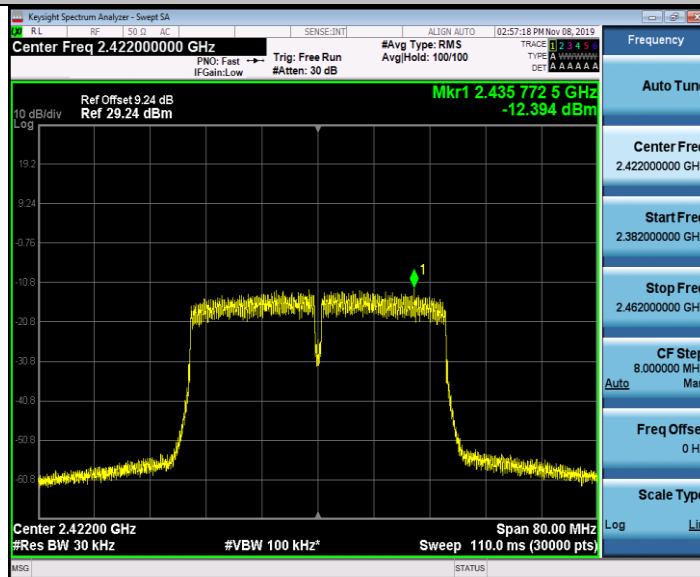
11N20SISO_Ant1_2437



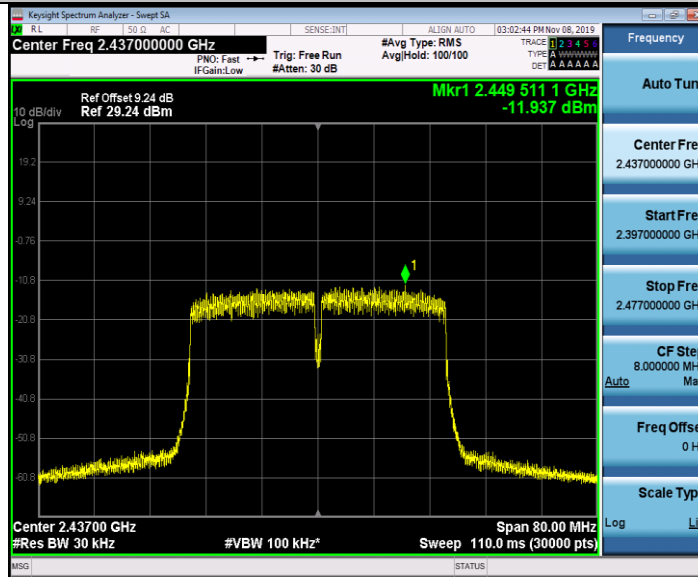
11N20SISO_Ant1_2462



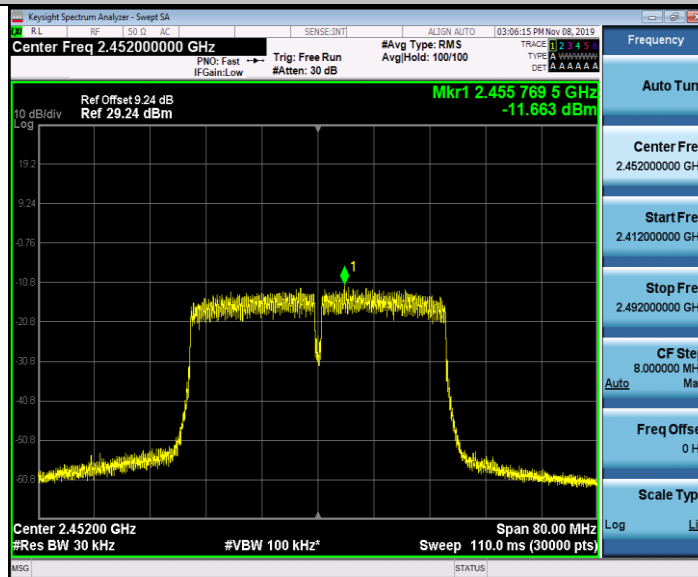
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix F: Band edge measurements

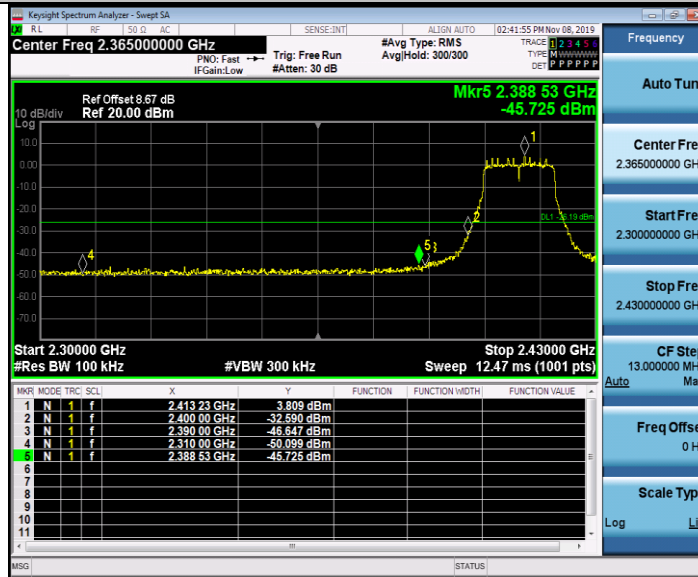
Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.72	-46.39	<=-23.28	PASS
		High	2462	7.70	-45.32	<=-22.3	PASS
11G	Ant1	Low	2412	3.81	-45.73	<=-26.19	PASS
		High	2462	3.91	-46.02	<=-26.09	PASS
11N20SISO	Ant1	Low	2412	2.96	-45.89	<=-27.05	PASS
		High	2462	3.48	-46.16	<=-26.52	PASS
11N40SISO	Ant1	Low	2422	0.21	-42.3	<=-29.79	PASS
		High	2452	0.57	-46.07	<=-29.43	PASS

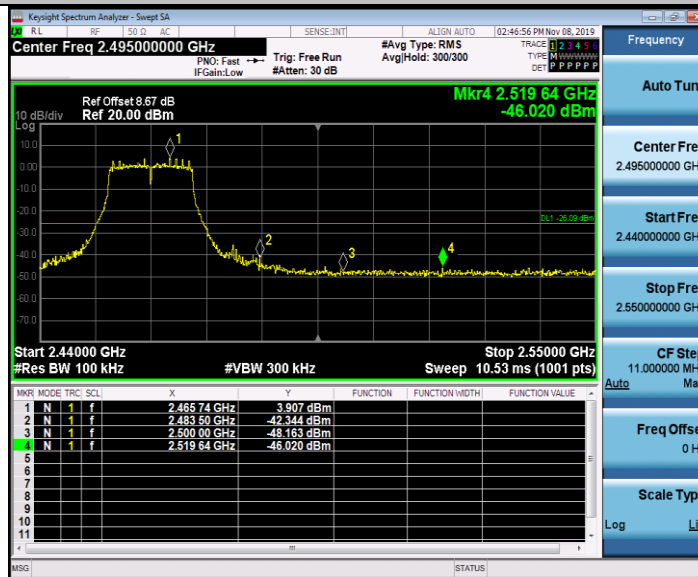
Test Graphs



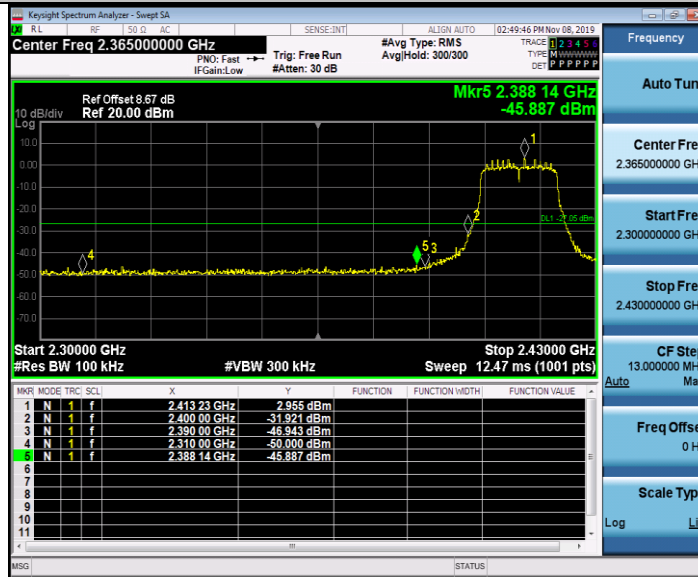
11G_Ant1_Low_2412



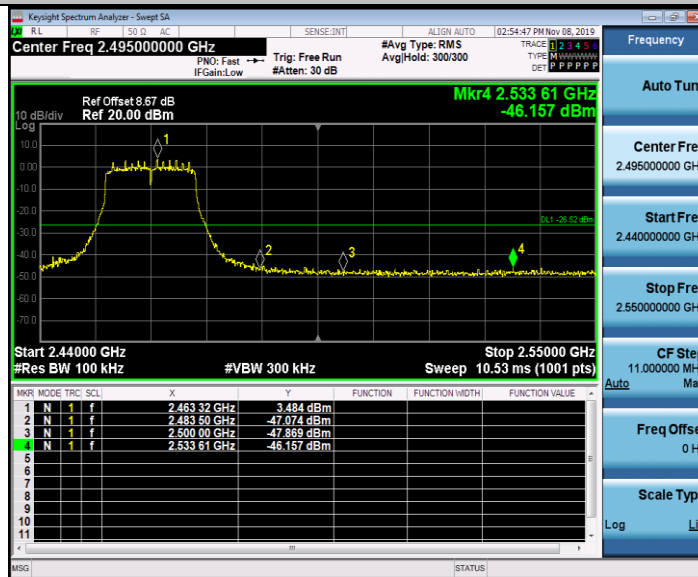
11G_Ant1_High_2462



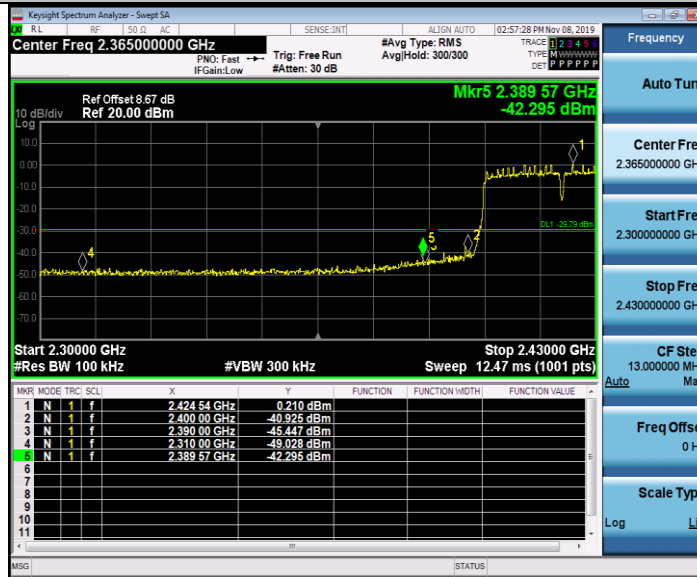
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



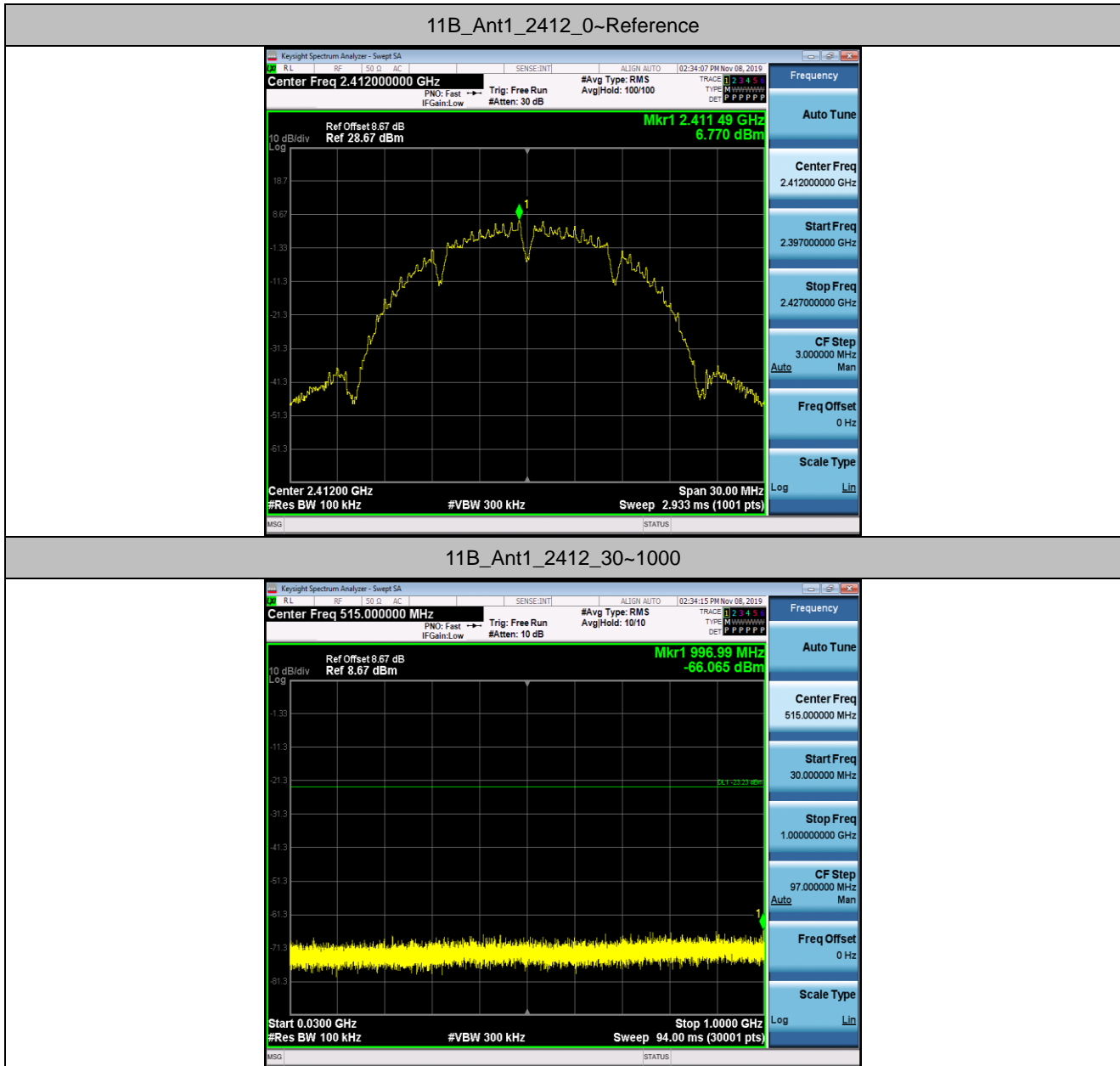
Appendix G: Conducted Spurious Emission

Test Result

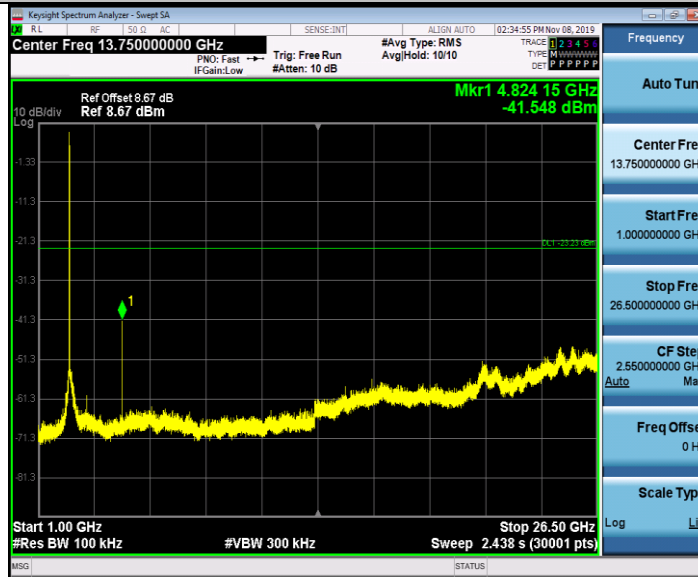
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.77	6.77	---	PASS
			30~1000	30~1000	-66.065	<=-23.23	PASS
			1000~26500	1000~26500	-41.548	<=-23.23	PASS
		2437	Reference	6.35	6.35	---	PASS
			30~1000	30~1000	-65.923	<=-23.646	PASS
			1000~26500	1000~26500	-43.121	<=-23.646	PASS
		2462	Reference	7.37	7.37	---	PASS
			30~1000	30~1000	-66.258	<=-22.635	PASS
			1000~26500	1000~26500	-42.987	<=-22.635	PASS
11G	Ant1	2412	Reference	1.97	1.97	---	PASS
			30~1000	30~1000	-65.624	<=-28.034	PASS
			1000~26500	1000~26500	-48.423	<=-28.034	PASS
		2437	Reference	3.83	3.83	---	PASS
			30~1000	30~1000	-66.929	<=-26.17	PASS
			1000~26500	1000~26500	-48.594	<=-26.17	PASS
		2462	Reference	3.51	3.51	---	PASS
			30~1000	30~1000	-66.31	<=-26.487	PASS
			1000~26500	1000~26500	-48.33	<=-26.487	PASS
11N20SISO	Ant1	2412	Reference	2.35	2.35	---	PASS
			30~1000	30~1000	-66.713	<=-27.648	PASS
			1000~26500	1000~26500	-47.952	<=-27.648	PASS
		2437	Reference	2.49	2.49	---	PASS
			30~1000	30~1000	-66.342	<=-27.513	PASS
			1000~26500	1000~26500	-47.816	<=-27.513	PASS
		2462	Reference	3.24	3.24	---	PASS
			30~1000	30~1000	-66.687	<=-26.764	PASS
			1000~26500	1000~26500	-47.737	<=-26.764	PASS
11N40SISO	Ant1	2422	Reference	-0.35	-0.35	---	PASS
			30~1000	30~1000	-66.657	<=-30.349	PASS
			1000~26500	1000~26500	-48.058	<=-30.349	PASS

		2437	Reference	0.26	0.26	---	PASS
			30~1000	30~1000	-66.632	<=-29.745	PASS
			1000~26500	1000~26500	-48.18	<=-29.745	PASS
		2452	Reference	0.39	0.39	---	PASS
			30~1000	30~1000	-66.15	<=-29.607	PASS
			1000~26500	1000~26500	-48.189	<=-29.607	PASS

Test Graphs



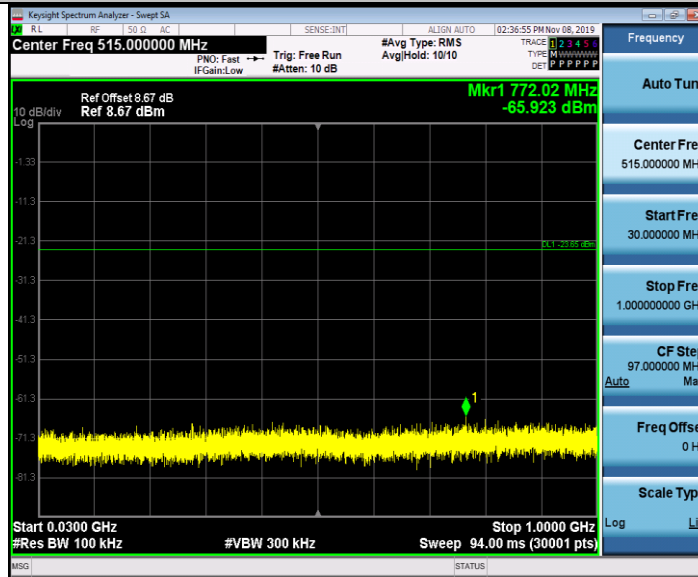
11B_Ant1_2412_1000~26500



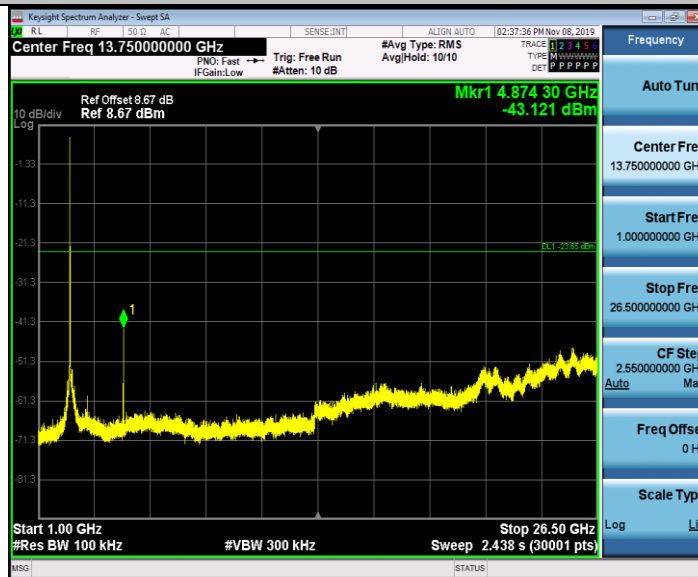
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000

