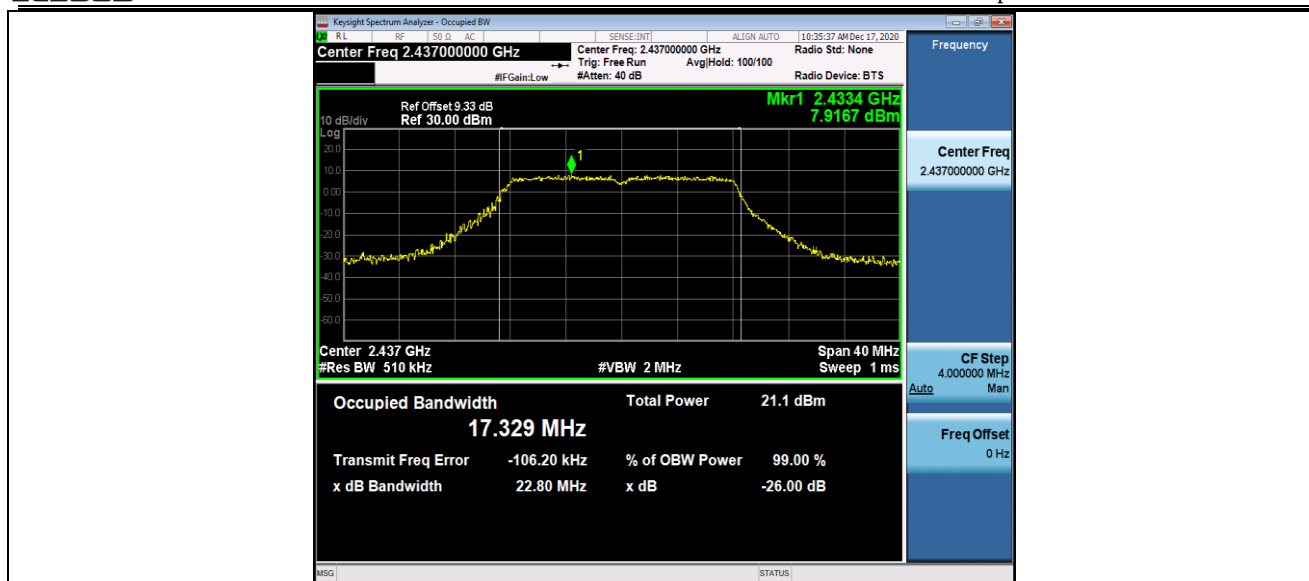
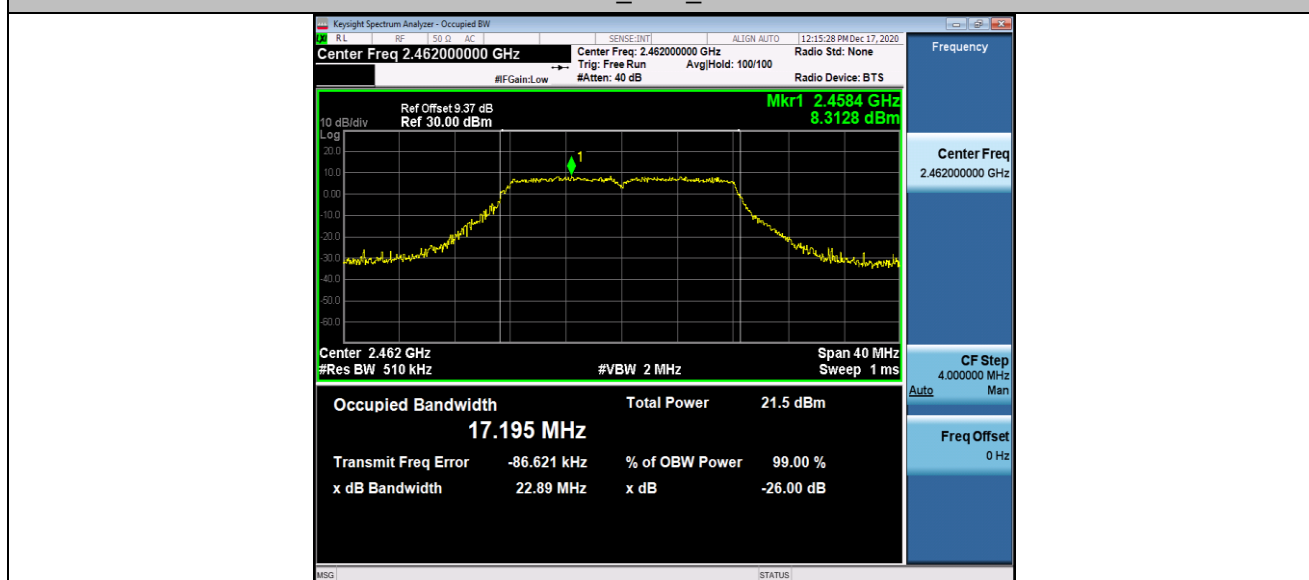
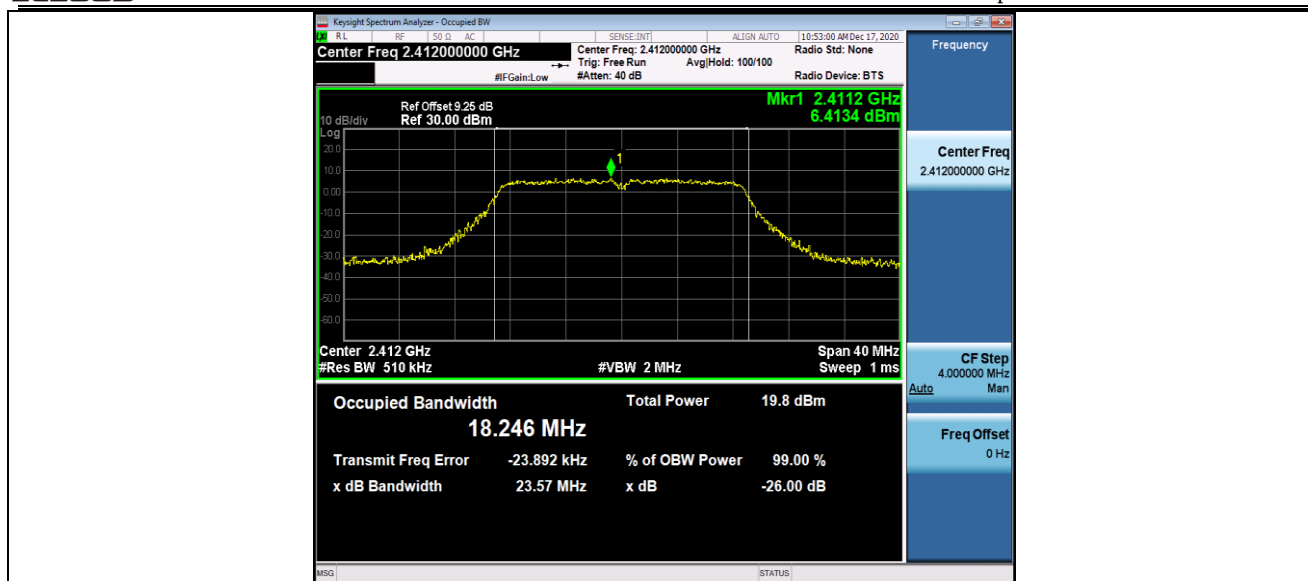




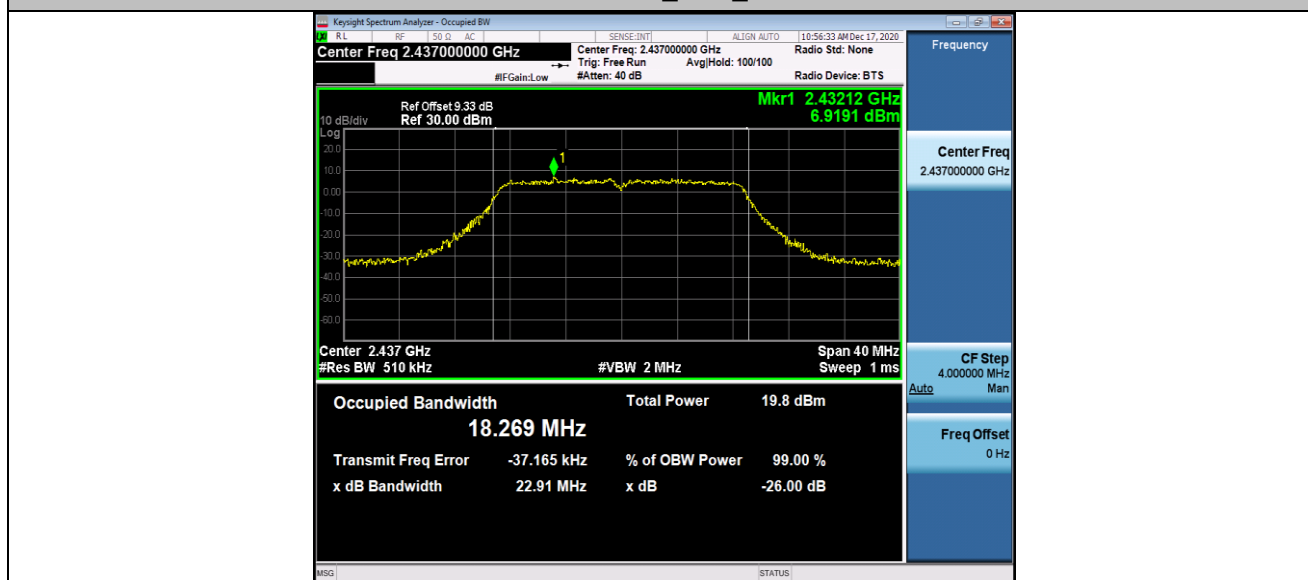
11G_Ant1_2462



11N20SISO_Ant1_2412



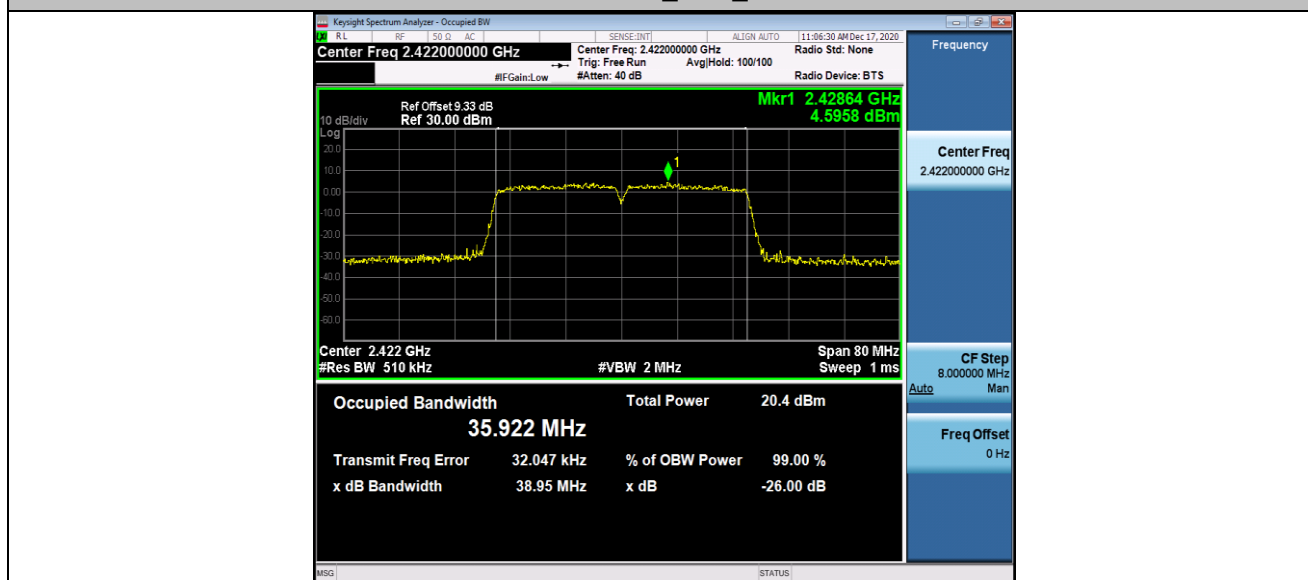
11N20SISO_Ant1_2437



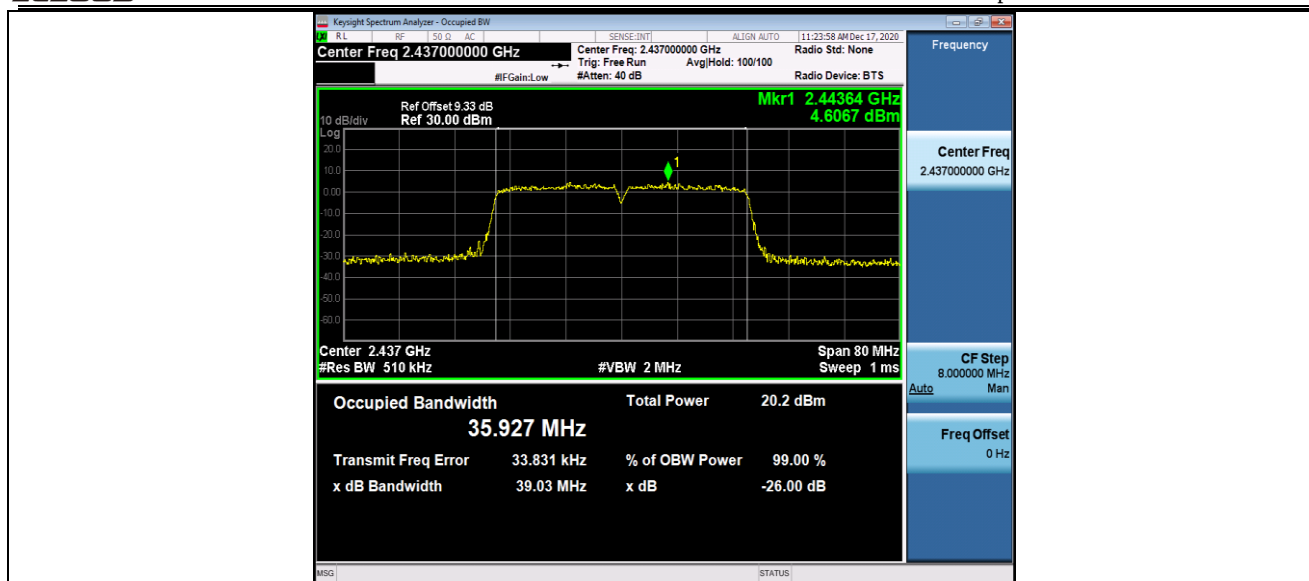
11N20SISO_Ant1_2462



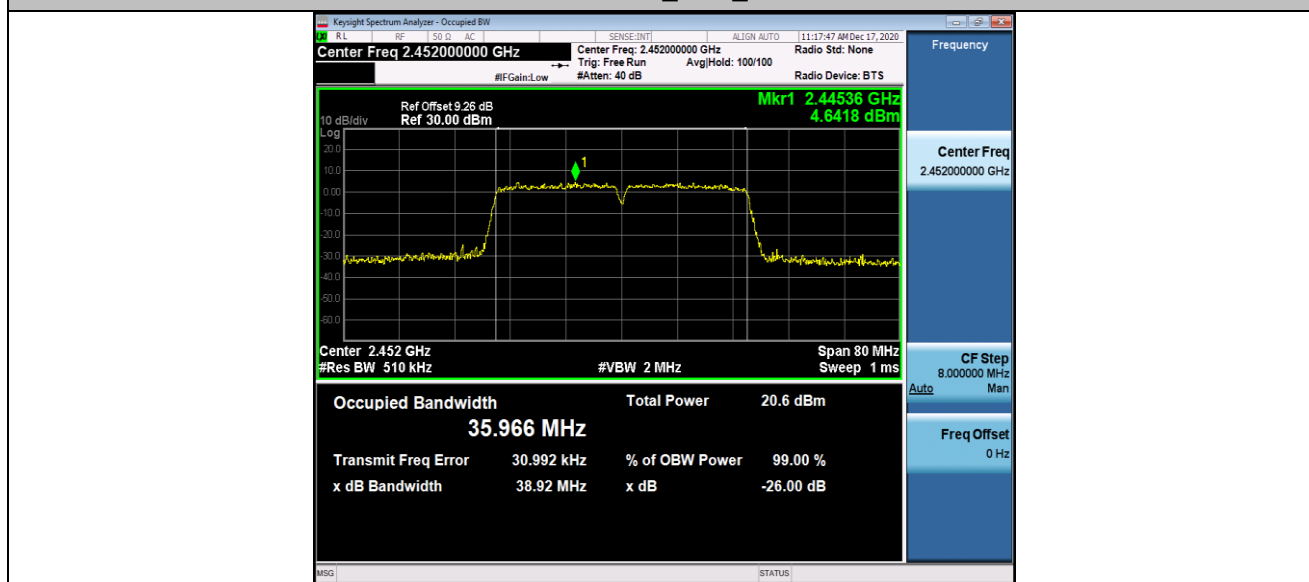
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm]	E.i.r.p. [dBm]	Limit [dBm]	E.i.r.p. Limit [dBm]	Verdict
11B	Ant1	2412	99.15	-	16.76	20.96	<=30	<=36.02	PASS
		2437	98.32	-	16.75	20.95	<=30	<=36.02	PASS
		2462	99.27	-	16.88	21.08	<=30	<=36.02	PASS
11G	Ant1	2412	90.67	0.43	15.05	19.25	<=30	<=36.02	PASS
		2437	90.67	0.43	15.34	19.54	<=30	<=36.02	PASS
		2462	93.79	0.28	15.22	19.42	<=30	<=36.02	PASS
11N20SISO	Ant1	2412	88.81	0.52	13.86	18.06	<=30	<=36.02	PASS
		2437	94.78	0.23	13.34	17.54	<=30	<=36.02	PASS
		2462	95.49	0.20	13.74	17.94	<=30	<=36.02	PASS
11N40SISO	Ant1	2422	90.00	0.46	13.87	18.07	<=30	<=36.02	PASS
		2437	80.77	0.93	14.44	18.64	<=30	<=36.02	PASS
		2452	87.50	0.58	14.28	18.48	<=30	<=36.02	PASS

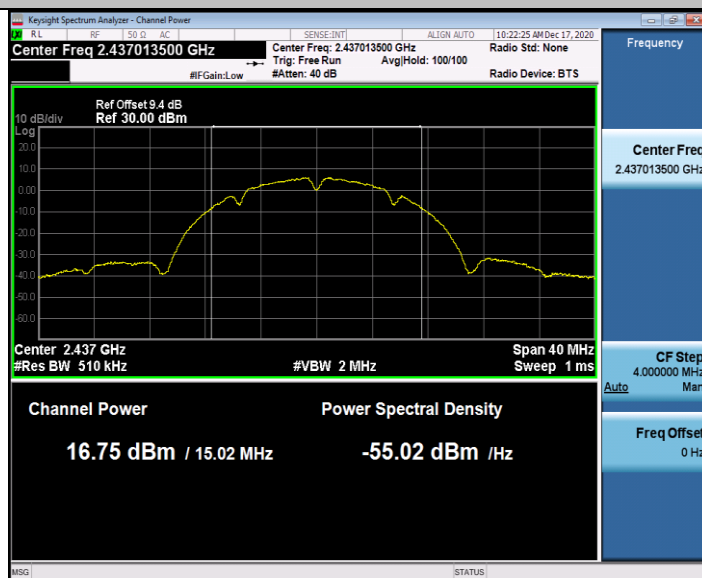
Note : The Duty Cycle Factor is compensated in the graph.

Test Graphs

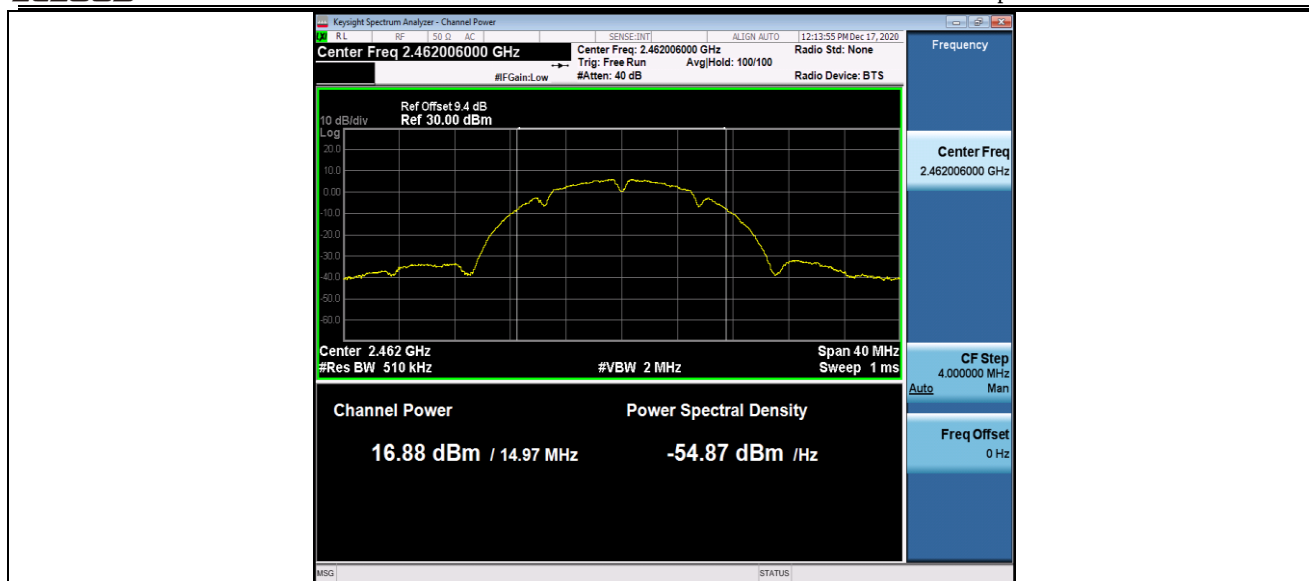
11B_Ant1_2412



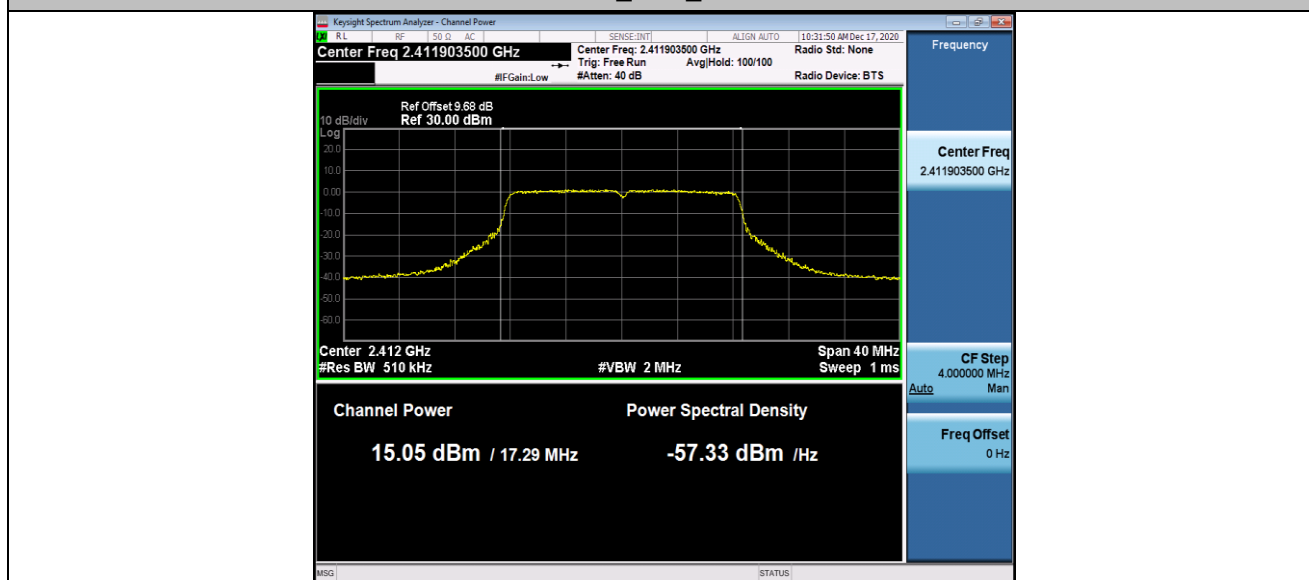
11B_Ant1_2437



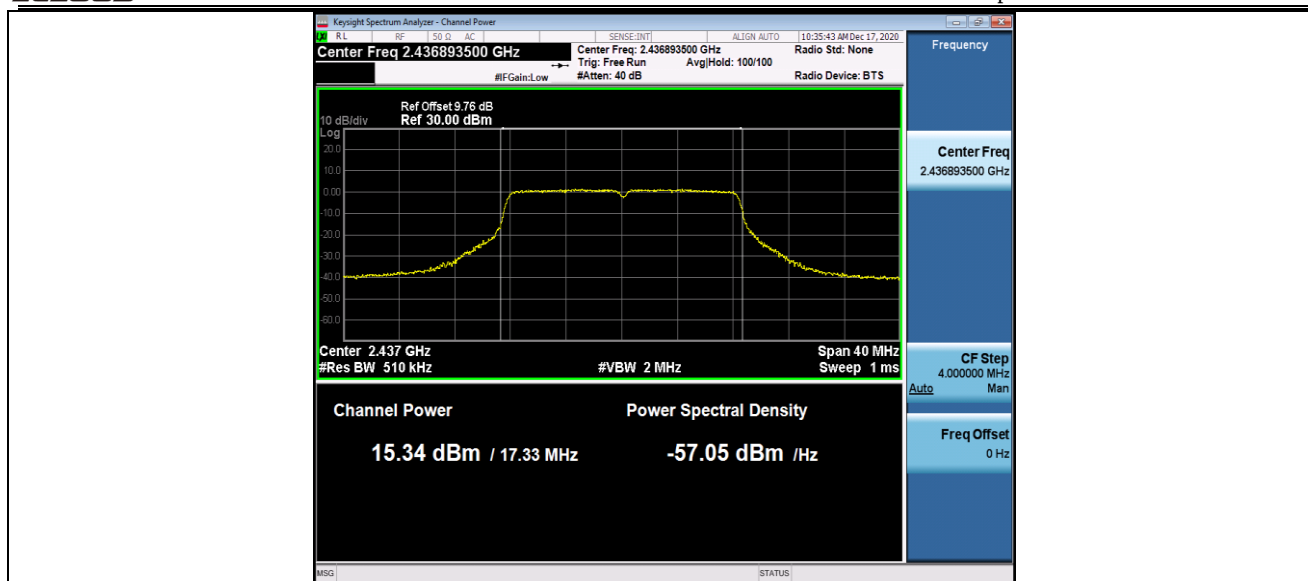
11B_Ant1_2462



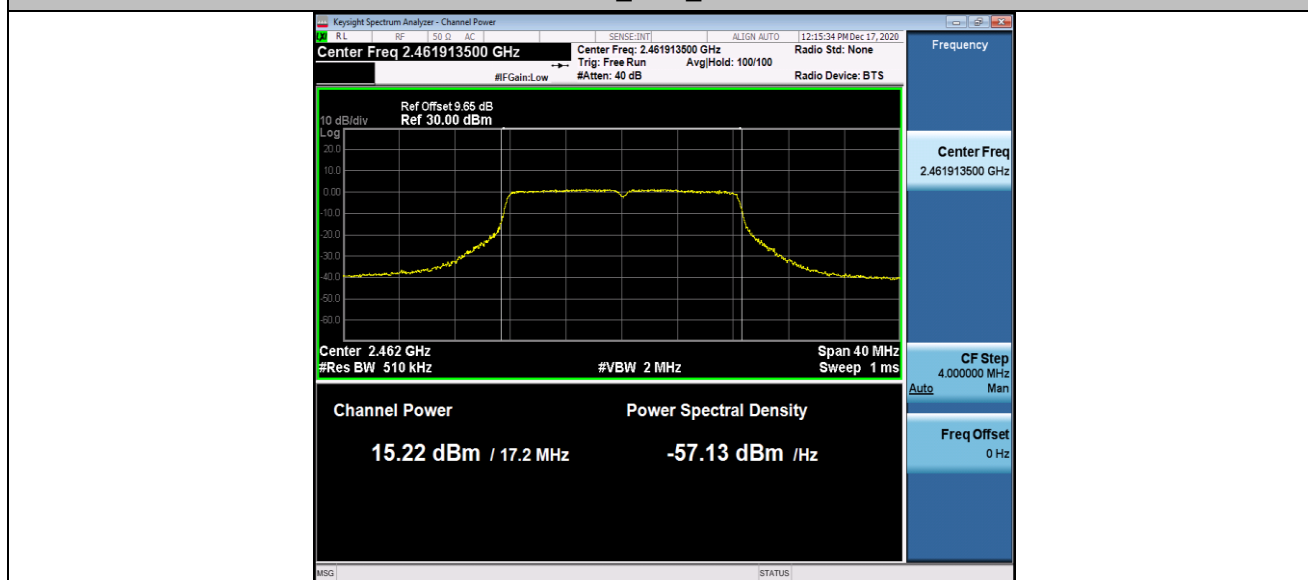
11G_Ant1_2412



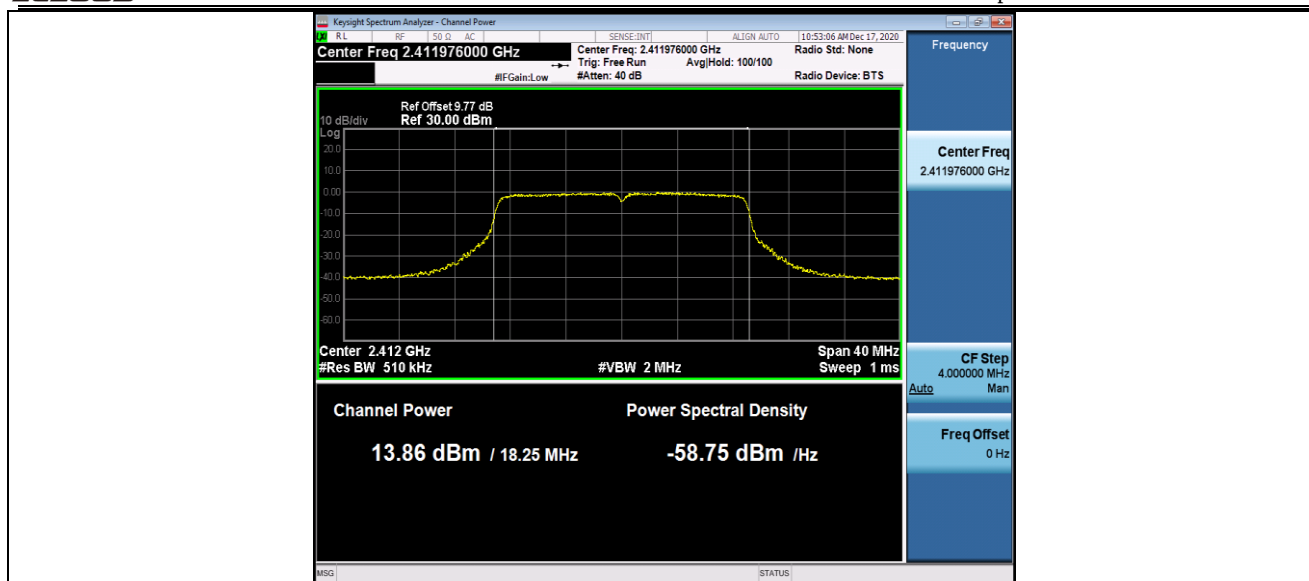
11G_Ant1_2437



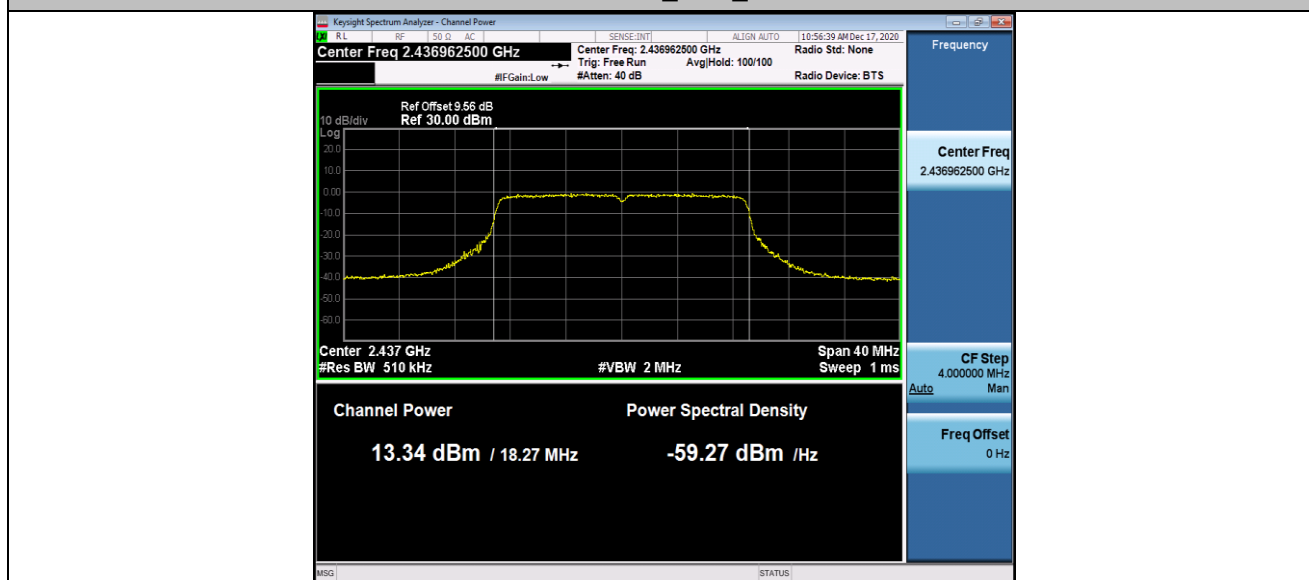
11G_Ant1_2462



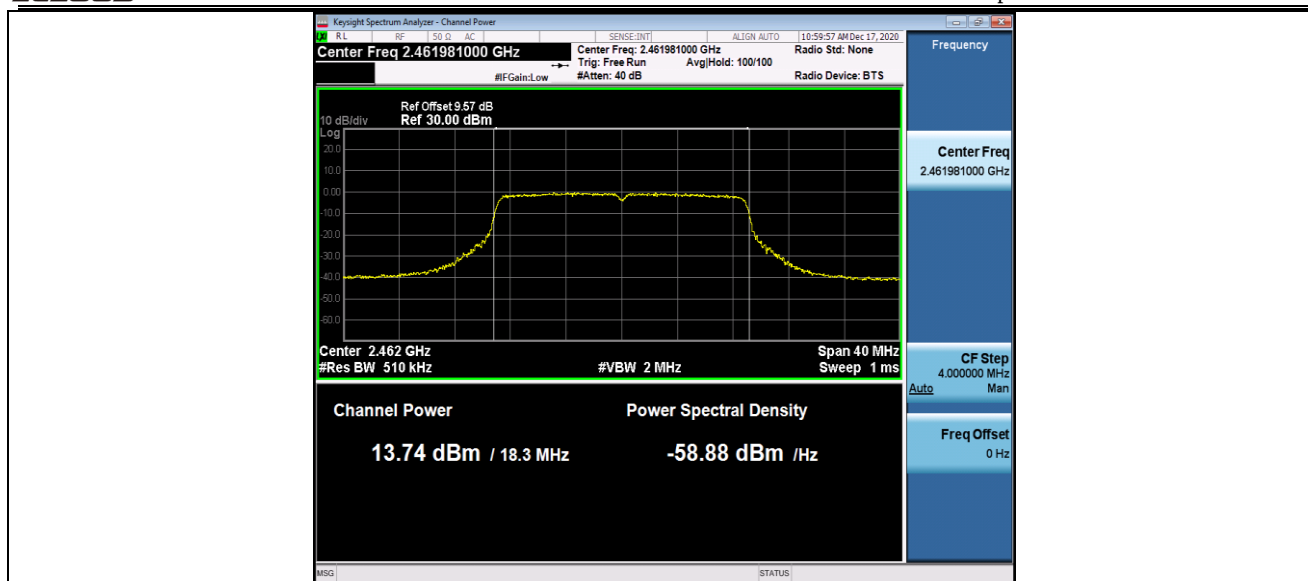
11N20SISO_Ant1_2412



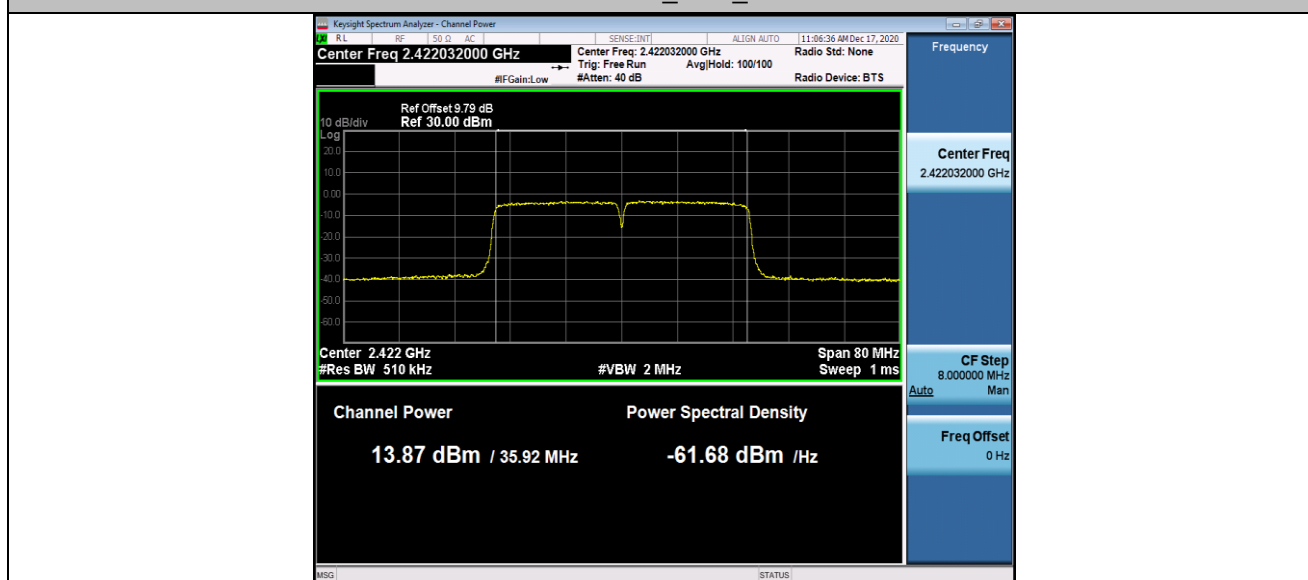
11N20SISO_Ant1_2437



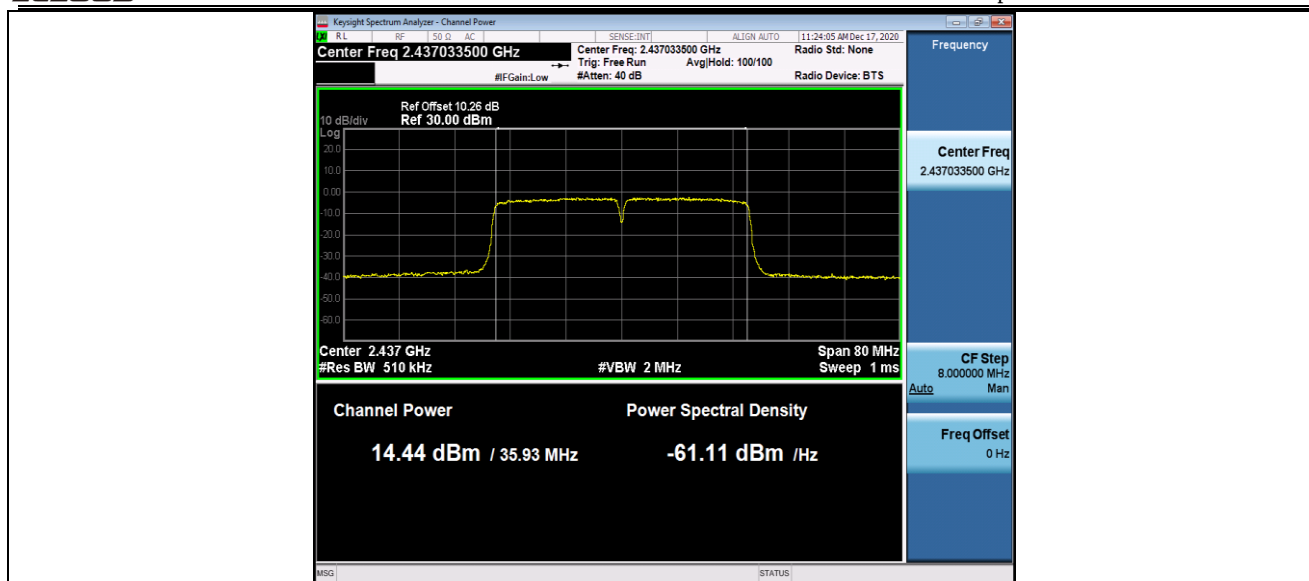
11N20SISO_Ant1_2462



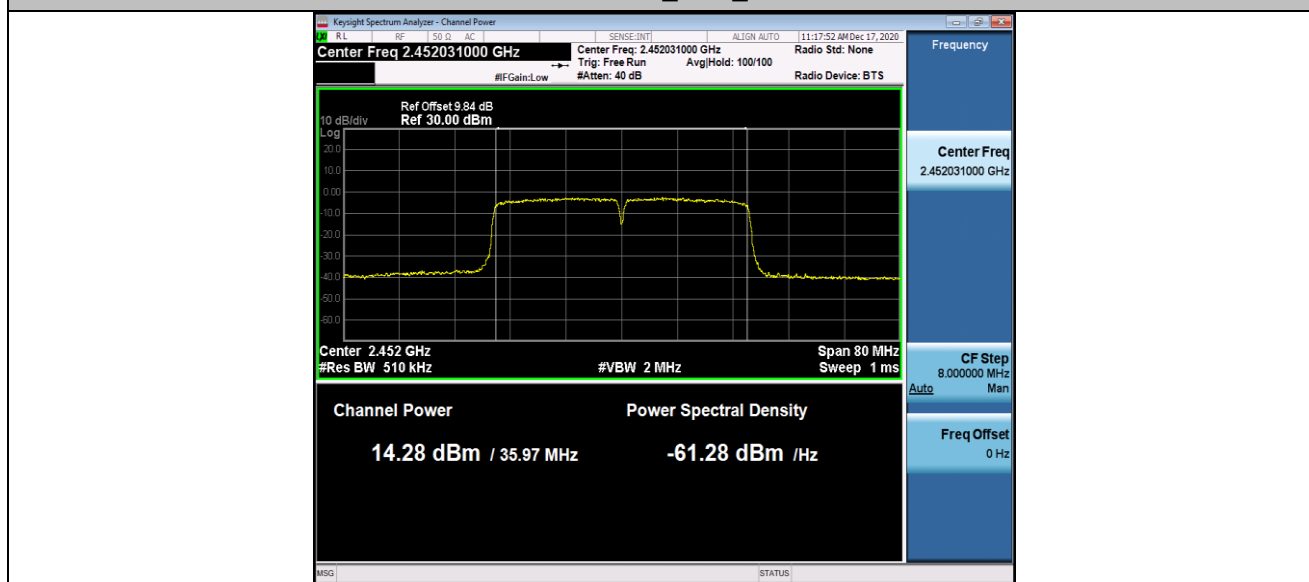
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



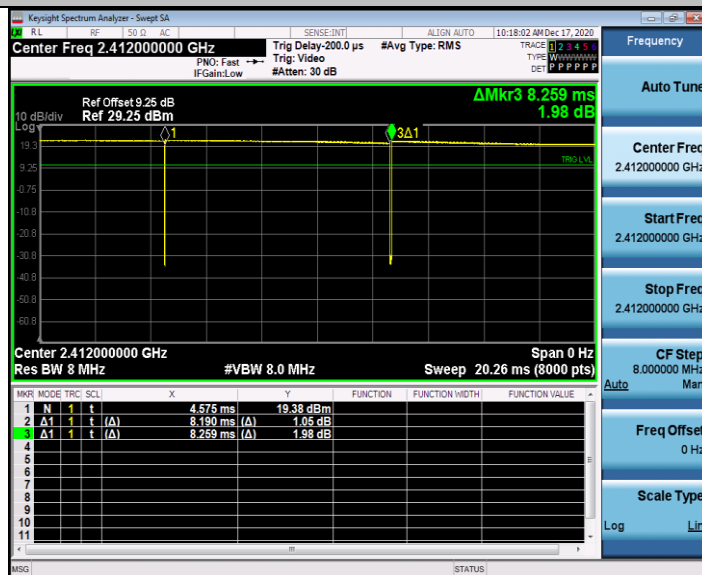
Appendix D: Duty Cycle

Test Result

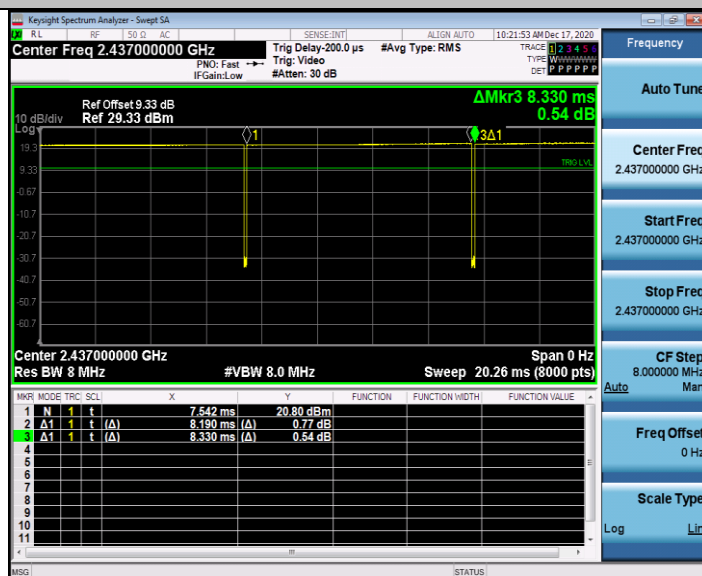
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.19	8.26	99.15
		2437	8.19	8.33	98.32
		2462	8.19	8.25	99.27
11G	Ant1	2412	1.36	1.50	90.67
		2437	1.36	1.50	90.67
		2462	1.36	1.45	93.79
11N20SISO	Ant1	2412	1.27	1.43	88.81
		2437	1.27	1.34	94.78
		2462	1.27	1.33	95.49
11N40SISO	Ant1	2422	0.63	0.70	90.00
		2437	0.63	0.78	80.77
		2452	0.63	0.72	87.50

Test Graphs

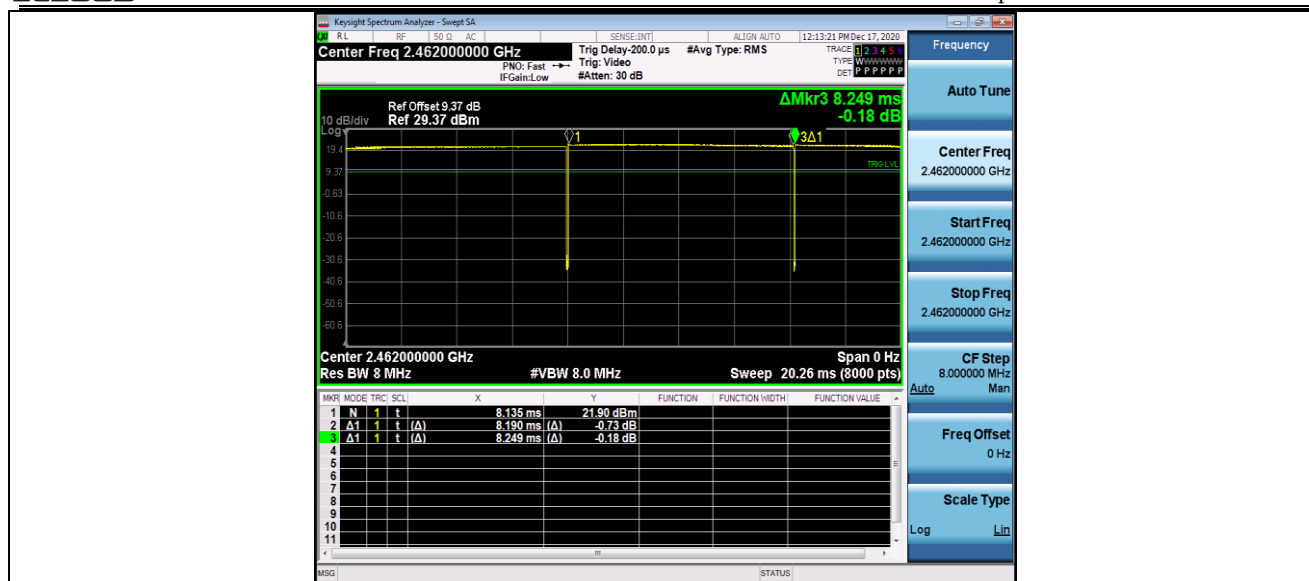
11B_Ant1_2412



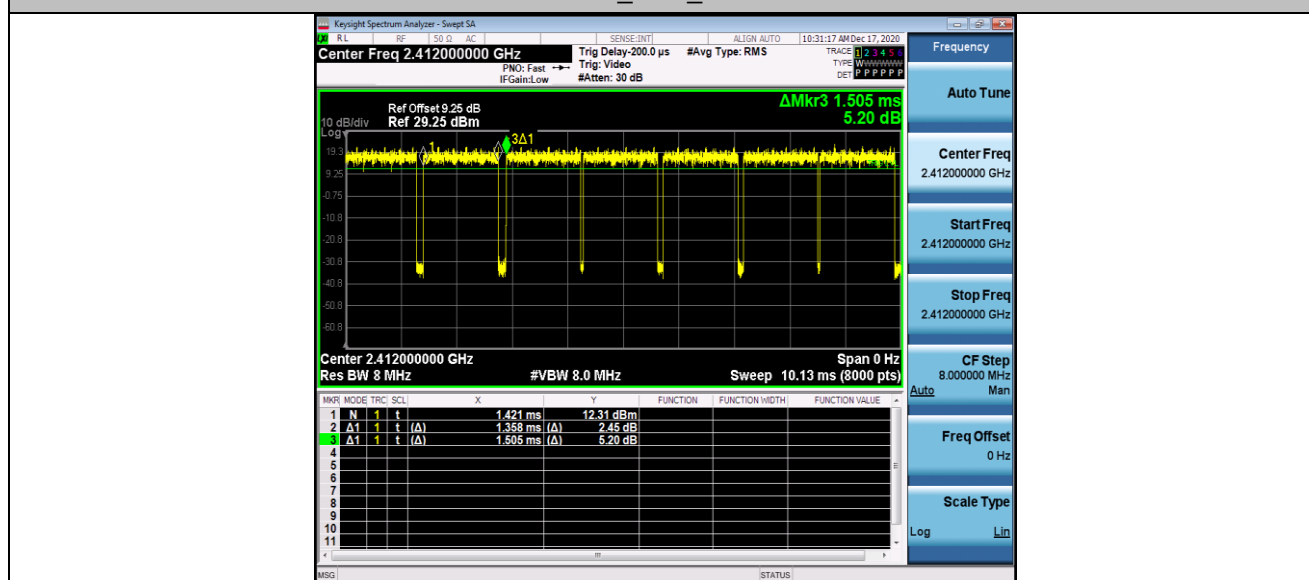
11B_Ant1_2437



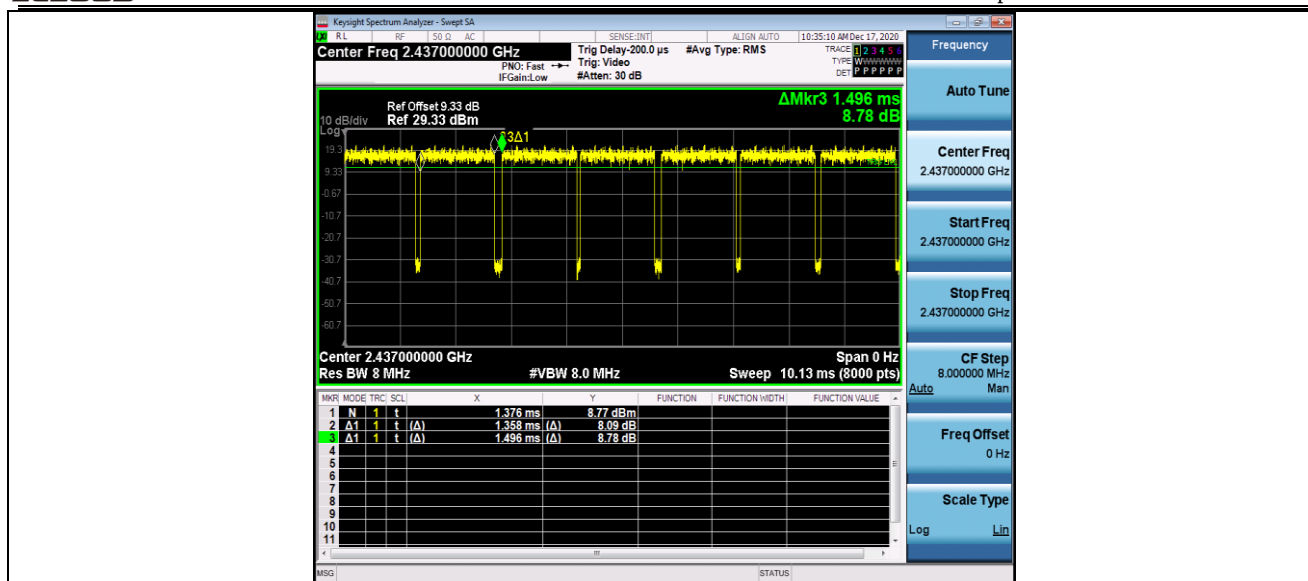
11B_Ant1_2462



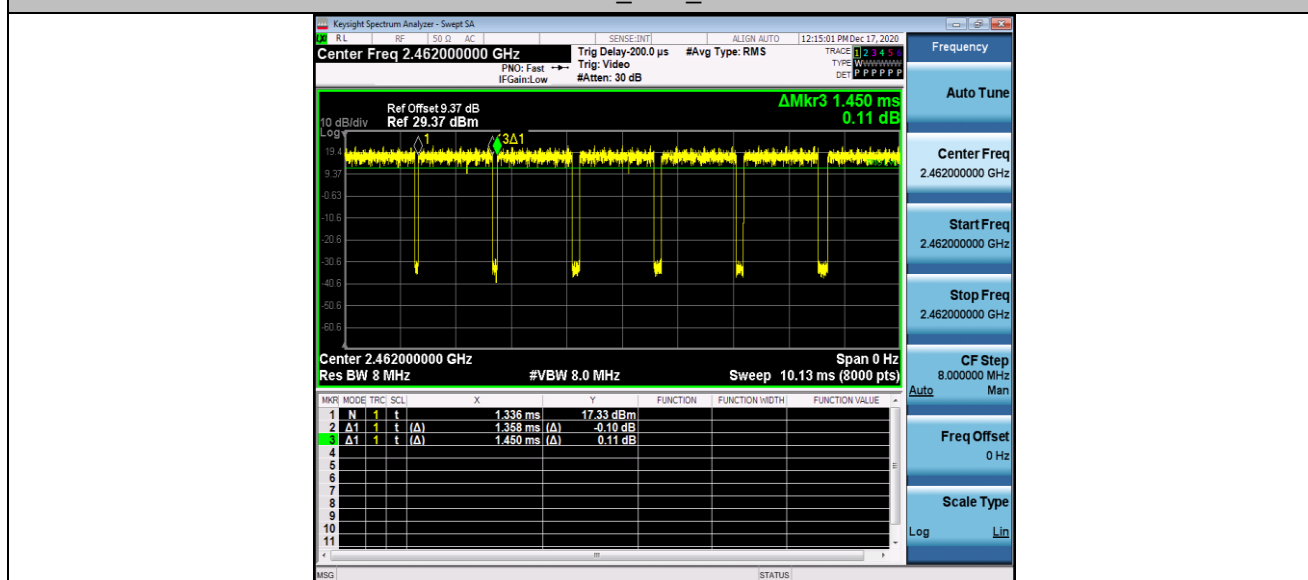
11G_Ant1_2412



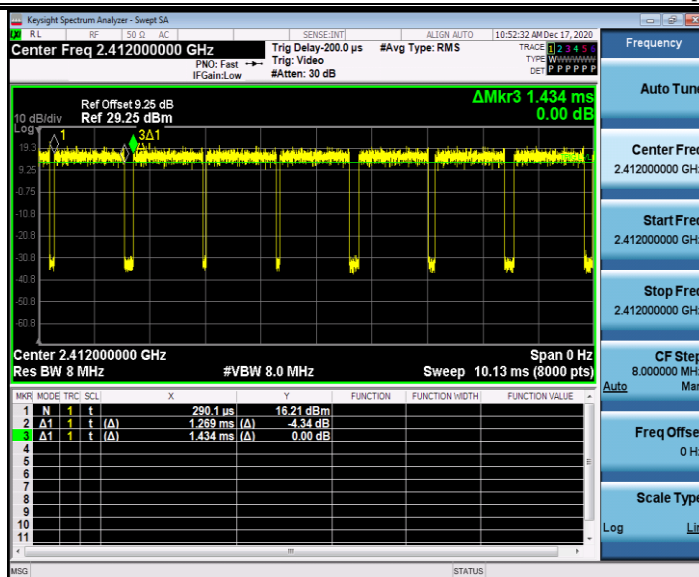
11G_Ant1_2437



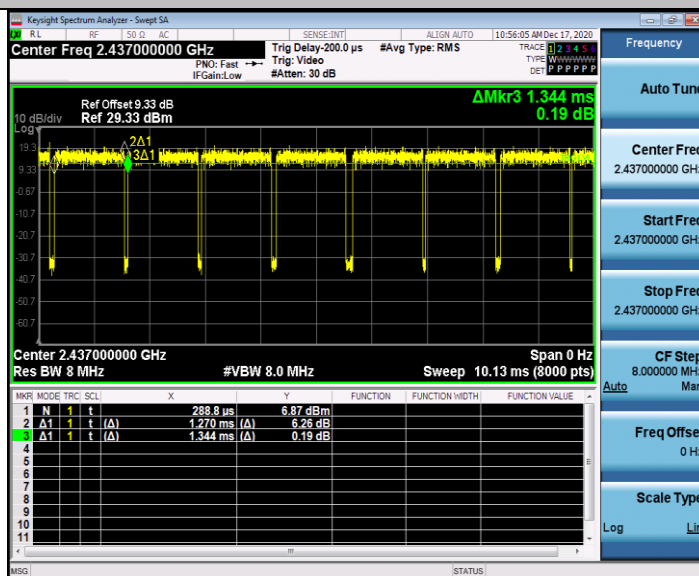
11G_Ant1_2462



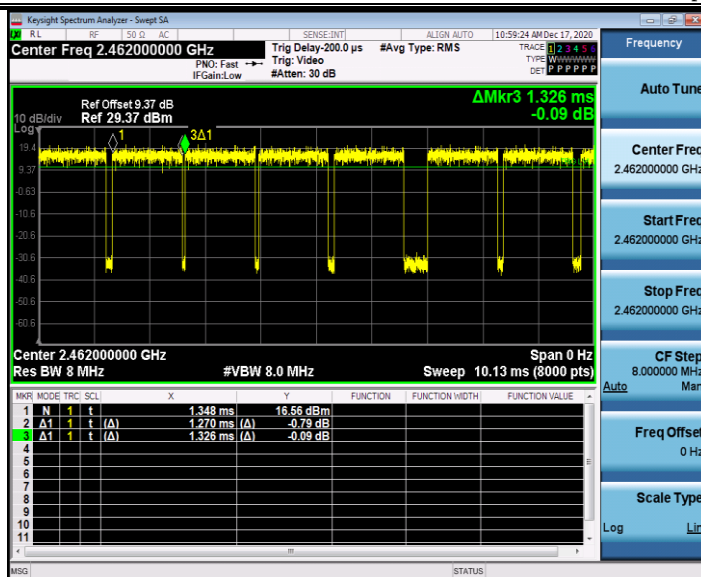
11N20SISO_Ant1_2412



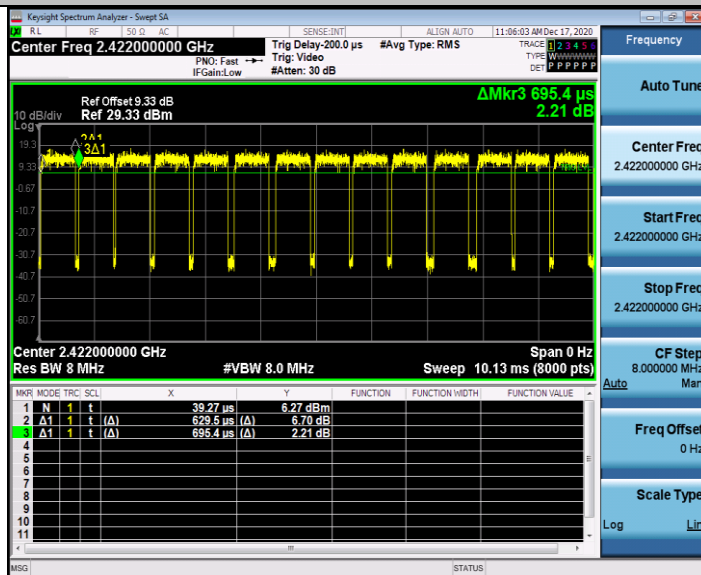
11N20SISO_Ant1_2437



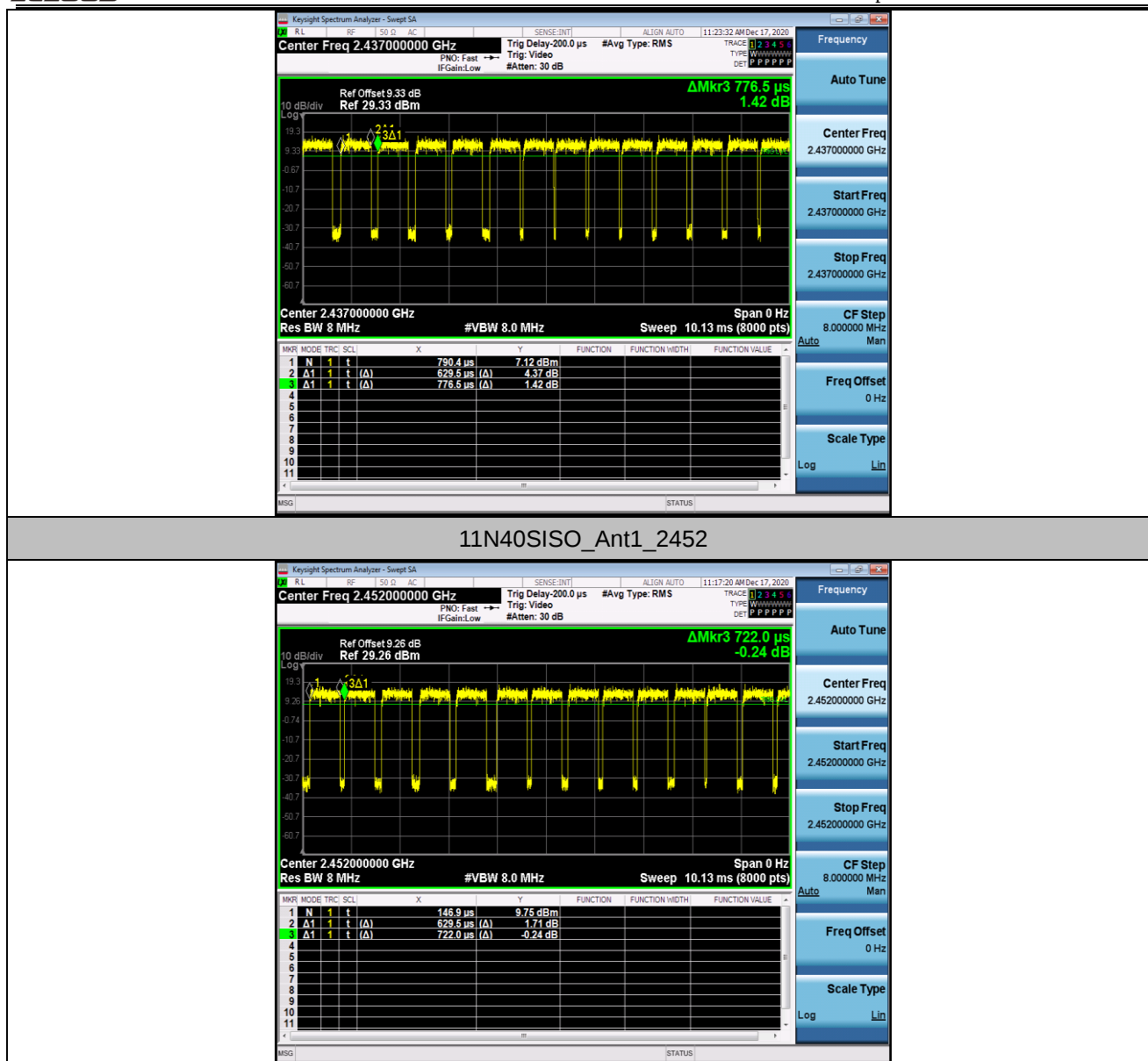
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



Appendix E: Maximum power spectral density

Test Result

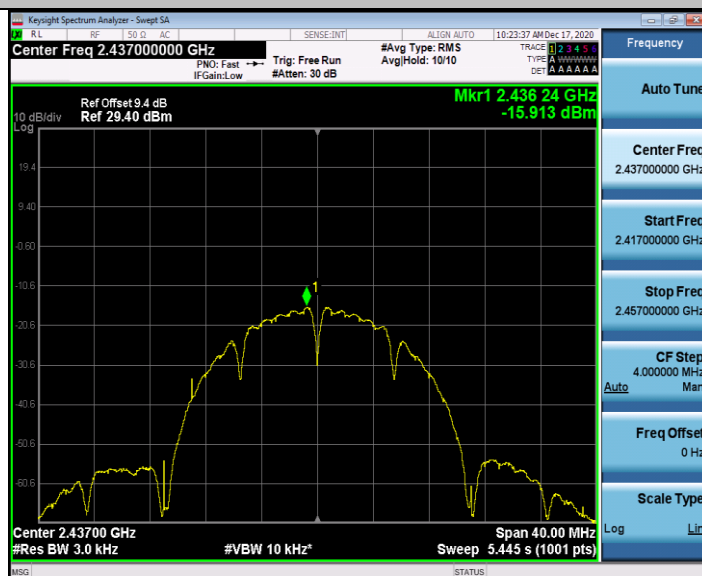
TestMode	Antenna	Channel	DT (%)	10 log (1/x)	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	99.15	-	-13.27	<=8	PASS
		2437	98.32	-	-15.91	<=8	PASS
		2462	99.27	-	-15.89	<=8	PASS
11G	Ant1	2412	90.67	0.43	-19.52	<=8	PASS
		2437	90.67	0.43	-19.51	<=8	PASS
		2462	93.79	0.28	-19.42	<=8	PASS
11N20SISO	Ant1	2412	88.81	0.52	-21.37	<=8	PASS
		2437	94.78	0.23	-21.73	<=8	PASS
		2462	95.49	0.20	-21.25	<=8	PASS
11N40SISO	Ant1	2422	90.00	0.46	-23.95	<=8	PASS
		2437	80.77	0.93	-23.73	<=8	PASS
		2452	87.50	0.58	-23.74	<=8	PASS

Test Graphs

11B_Ant1_2412



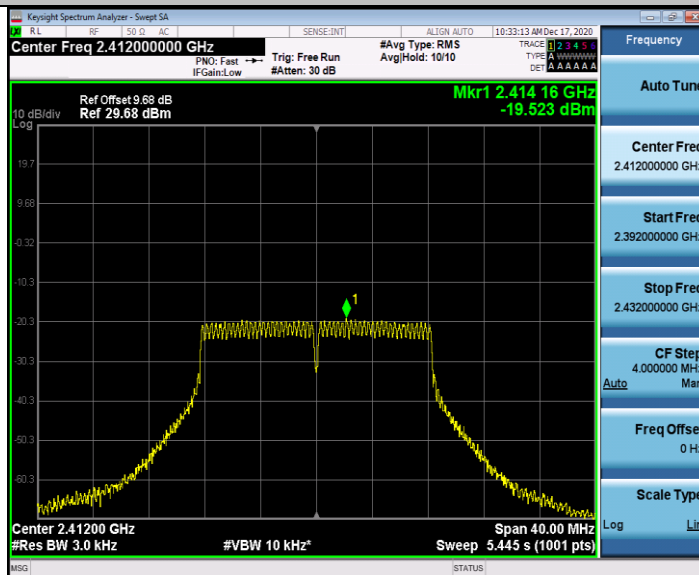
11B_Ant1_2437



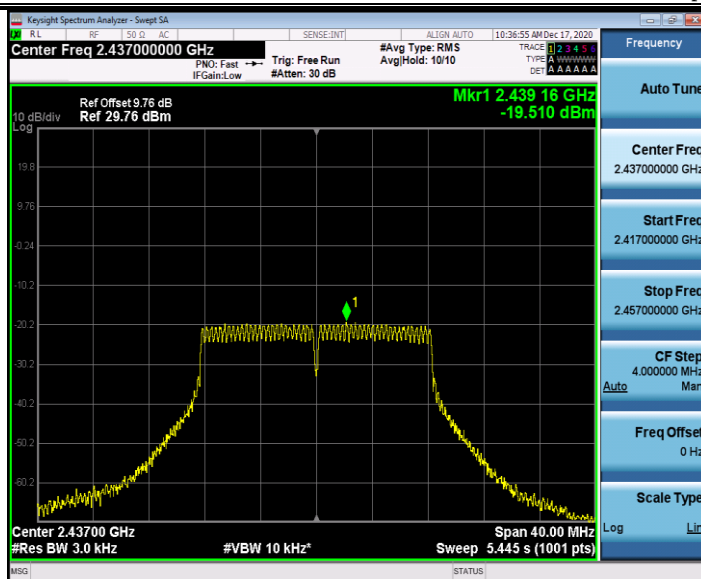
11B_Ant1_2462



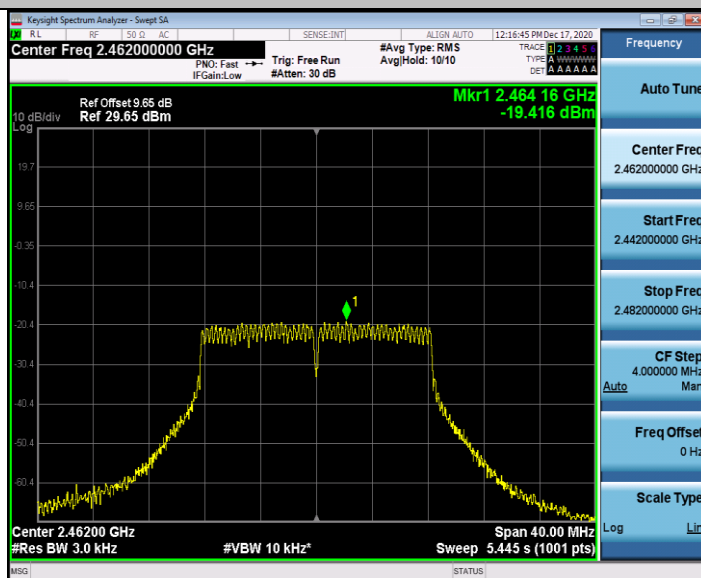
11G_Ant1_2412



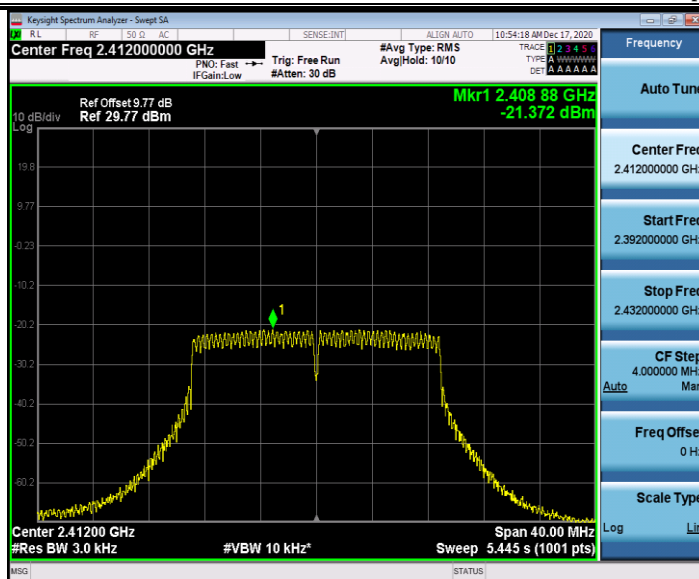
11G_Ant1_2437



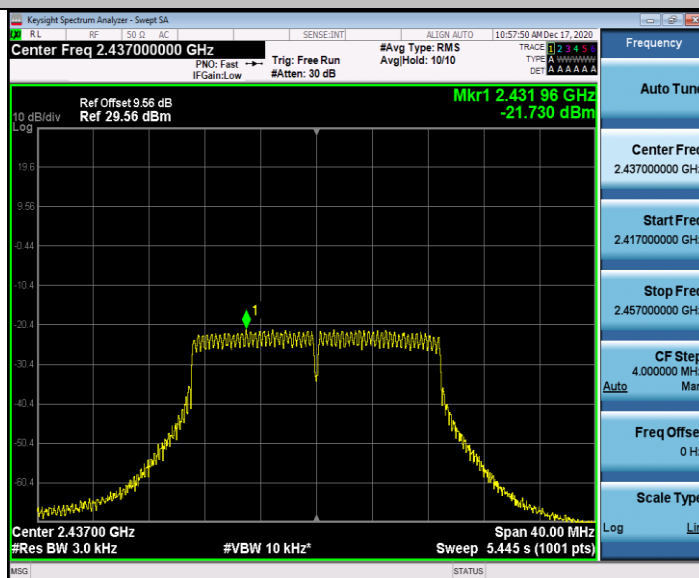
11G_Ant1_2462



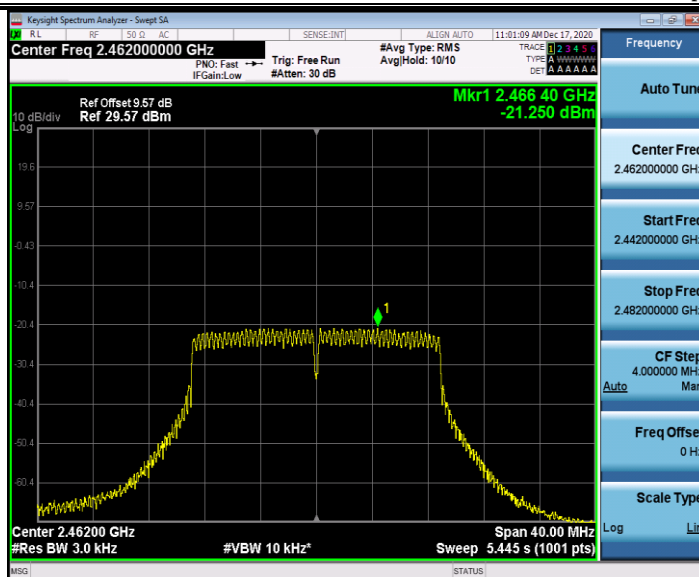
11N20SISO_Ant1_2412



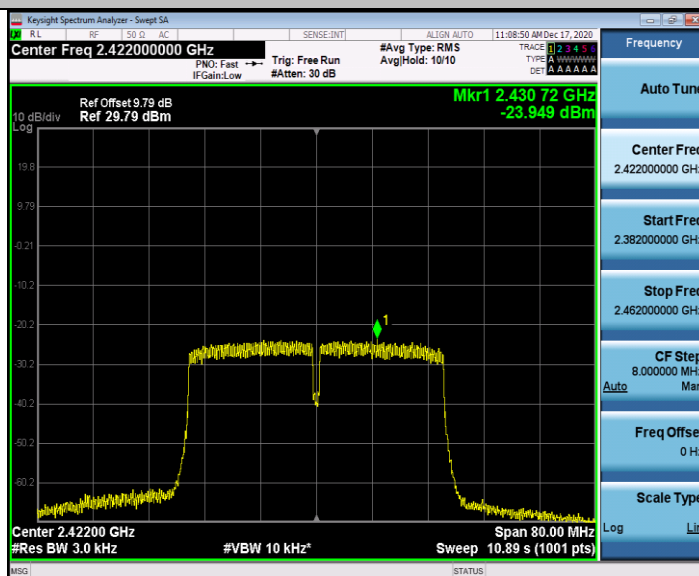
11N20SISO_Ant1_2437



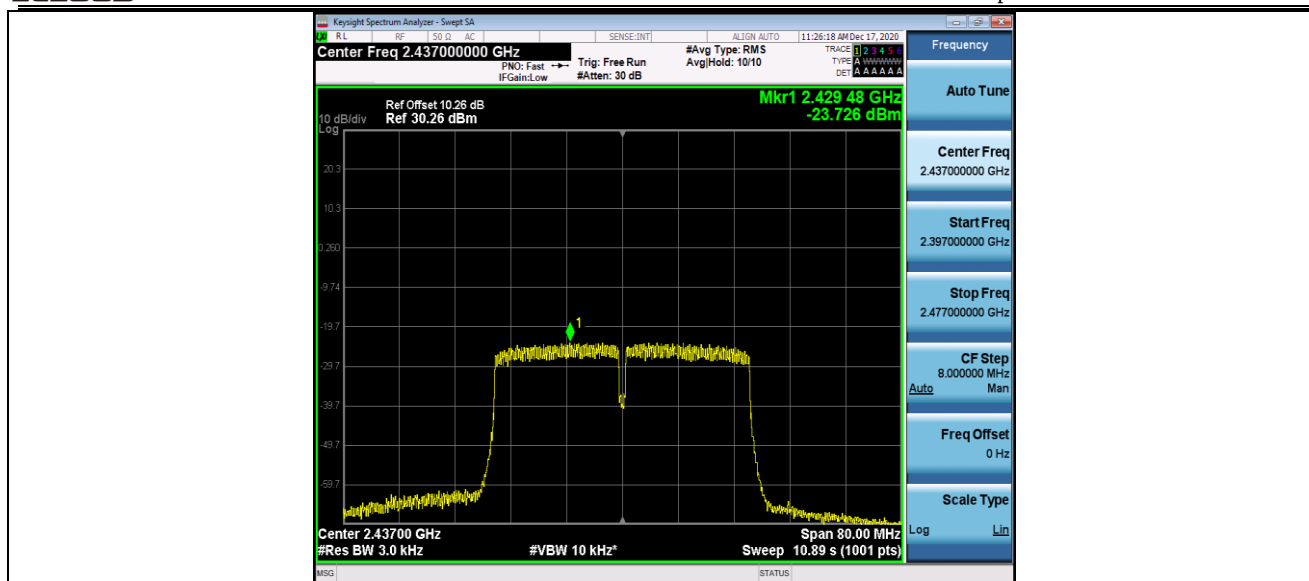
11N20SISO_Ant1_2462



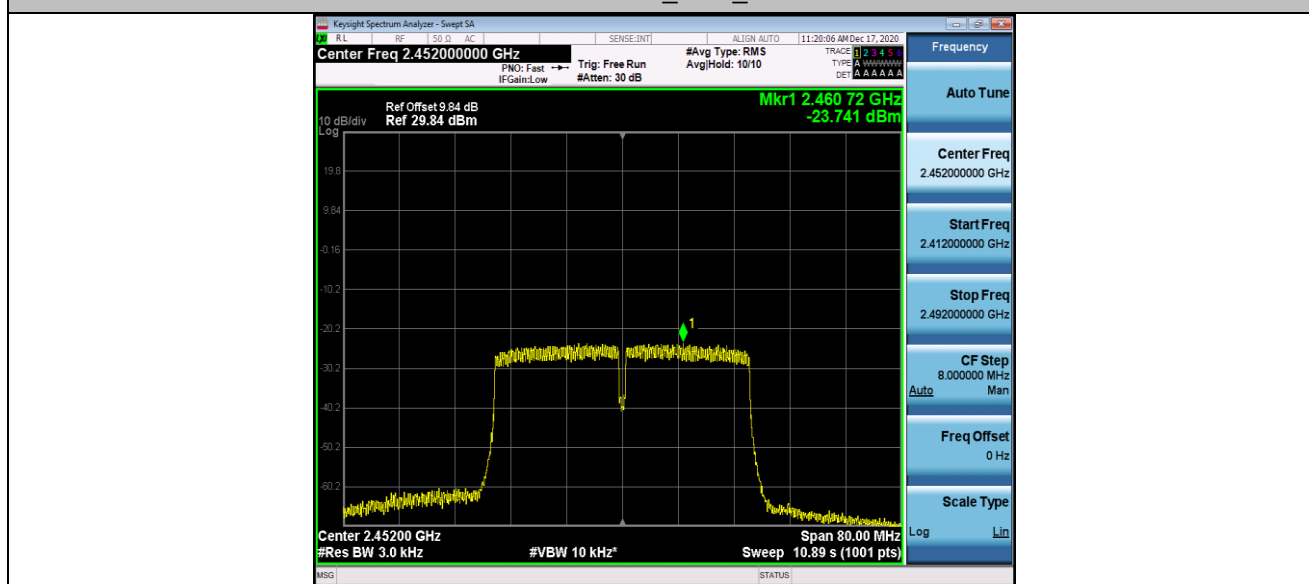
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



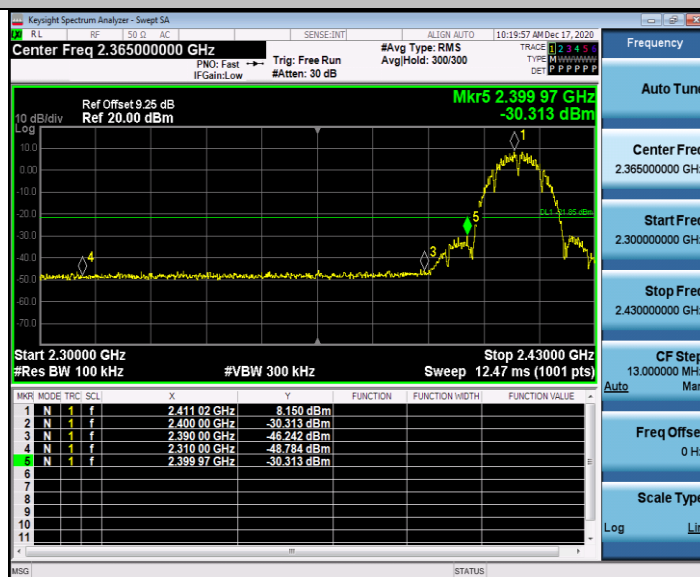
Appendix F: Band edge measurements

Test Result

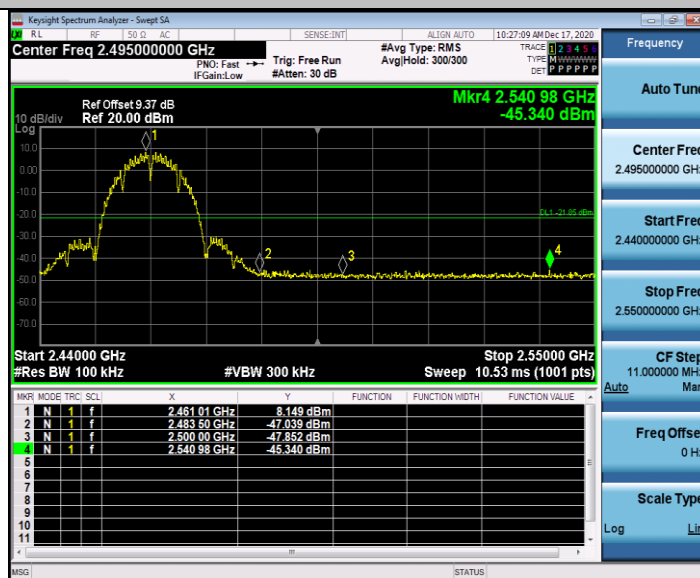
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.15	-30.31	<=-21.85	PASS
		High	2462	8.15	-45.34	<=-21.85	PASS
11G	Ant1	Low	2412	3.73	-31.37	<=-26.27	PASS
		High	2462	4.66	-42.84	<=-25.34	PASS
11N20SISO	Ant1	Low	2412	2.38	-32.05	<=-27.62	PASS
		High	2462	2.91	-44.68	<=-27.09	PASS
11N40SISO	Ant1	Low	2422	0.27	-35.87	<=-29.73	PASS
		High	2452	0.65	-41.51	<=-29.35	PASS

Test Graphs

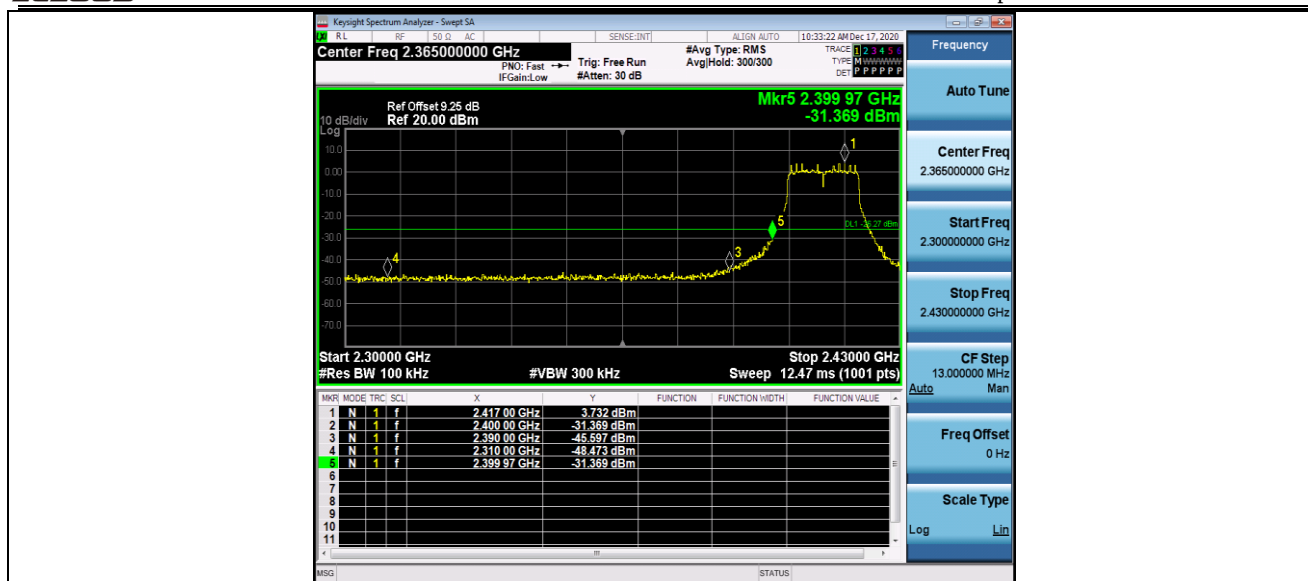
11B_Ant1_Low_2412



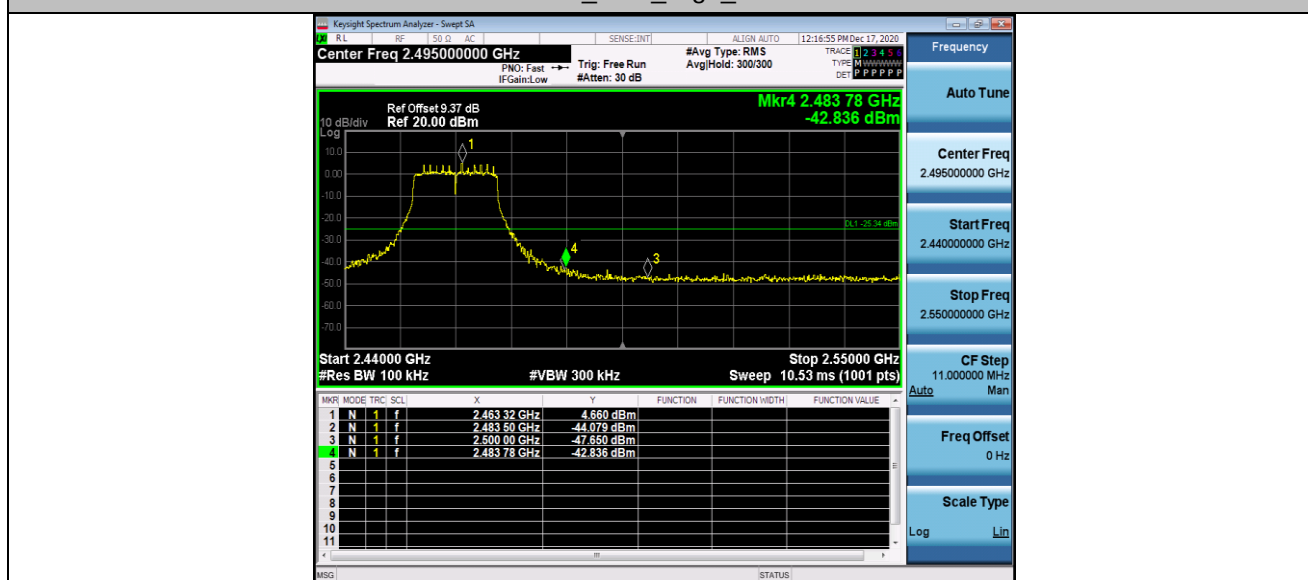
11B_Ant1_High_2462



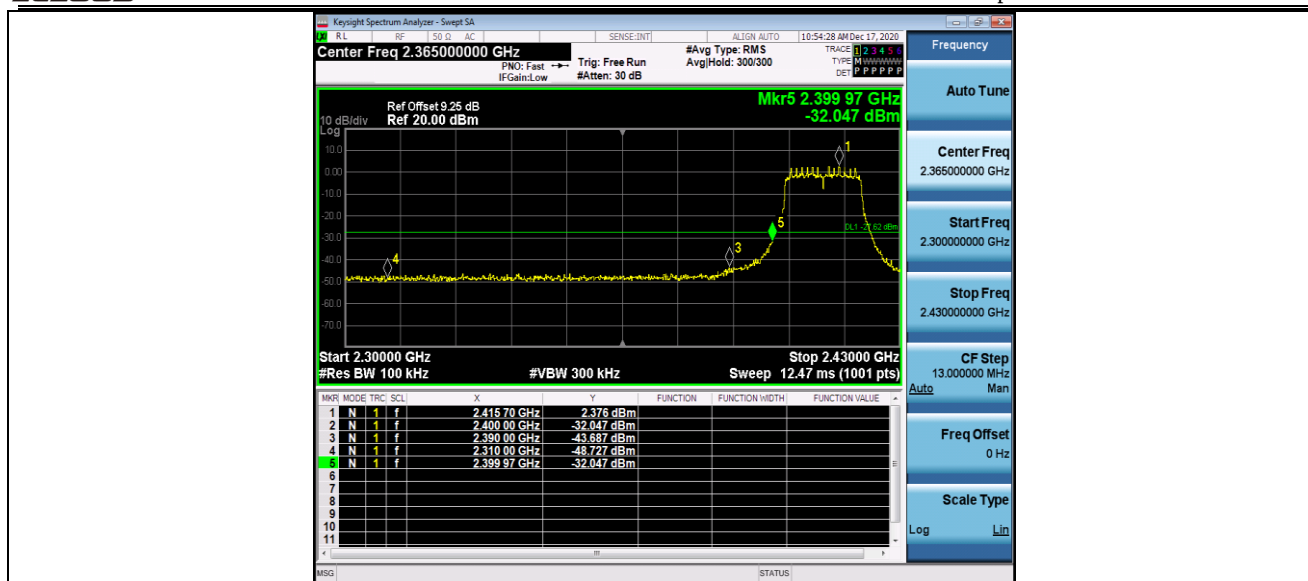
11G_Ant1_Low_2412



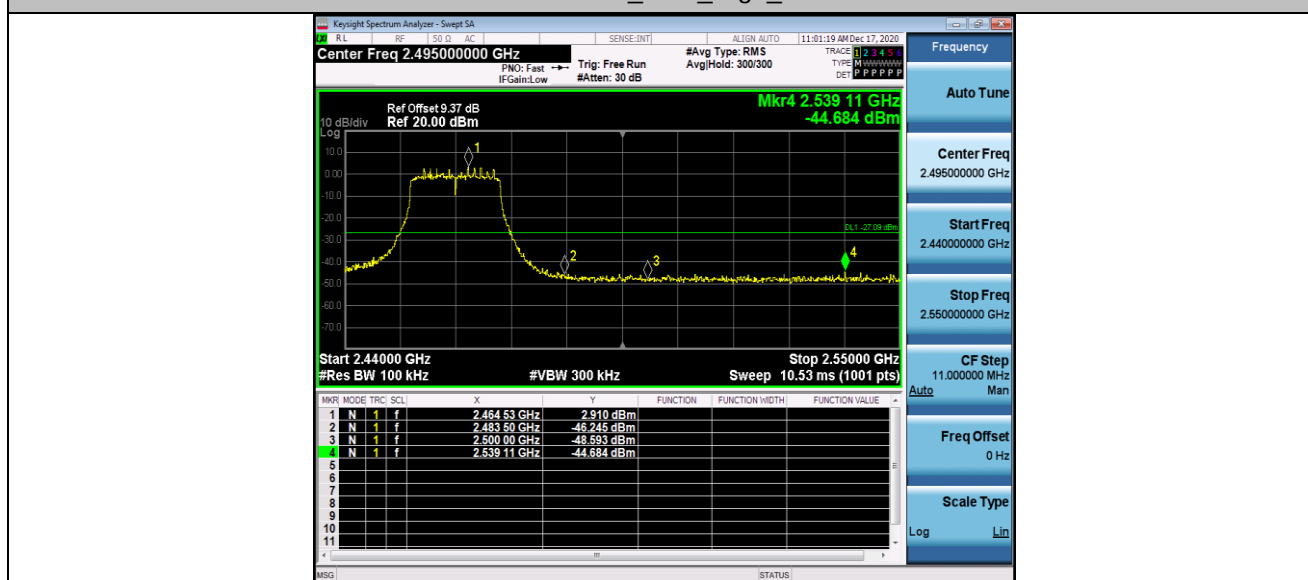
11G_Ant1_High_2462



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	8.13	8.13	---	PASS
			30~1000	30~1000	-55.995	<=-21.869	PASS
			1000~26500	1000~26500	-33.946	<=-21.869	PASS
		2437	Reference	8.07	8.07	---	PASS
			30~1000	30~1000	-56.043	<=-21.933	PASS
			1000~26500	1000~26500	-34.789	<=-21.933	PASS
		2462	Reference	8.16	8.16	---	PASS
			30~1000	30~1000	-56.25	<=-21.844	PASS
			1000~26500	1000~26500	-36.884	<=-21.844	PASS
11G	Ant1	2412	Reference	3.35	3.35	---	PASS
			30~1000	30~1000	-56.075	<=-26.646	PASS
			1000~26500	1000~26500	-37.107	<=-26.646	PASS
		2437	Reference	3.40	3.40	---	PASS
			30~1000	30~1000	-55.758	<=-26.596	PASS
			1000~26500	1000~26500	-37.865	<=-26.596	PASS
		2462	Reference	4.45	4.45	---	PASS
			30~1000	30~1000	-55.632	<=-25.546	PASS
			1000~26500	1000~26500	-36.976	<=-25.546	PASS
11N20SISO	Ant1	2412	Reference	2.01	2.01	---	PASS
			30~1000	30~1000	-55.814	<=-27.987	PASS
			1000~26500	1000~26500	-37.491	<=-27.987	PASS
		2437	Reference	2.68	2.68	---	PASS
			30~1000	30~1000	-56.287	<=-27.316	PASS
			1000~26500	1000~26500	-37.459	<=-27.316	PASS
		2462	Reference	2.43	2.43	---	PASS
			30~1000	30~1000	-55.62	<=-27.568	PASS
			1000~26500	1000~26500	-36.587	<=-27.568	PASS
11N40SISO	Ant1	2422	Reference	0.46	0.46	---	PASS
			30~1000	30~1000	-55.479	<=-29.545	PASS
			1000~26500	1000~26500	-37.048	<=-29.545	PASS

		2437	Reference	0.20	0.20	---	PASS
			30~1000	30~1000	-55.253	<=-29.805	PASS
			1000~26500	1000~26500	-37.214	<=-29.805	PASS
		2452	Reference	0.46	0.46	---	PASS
			30~1000	30~1000	-56.321	<=-29.539	PASS
			1000~26500	1000~26500	-37.304	<=-29.539	PASS