















Appendix C: Maximum conducted AVG output power Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.65	<=30	PASS
	Ant2	2412	16.32	<=30	PASS
	Ant1	2437	16.13	<=30	PASS
	Ant2	2437	16.64	<=30	PASS
	Ant1	2462	15.50	<=30	PASS
	Ant2	2462	16.32	<=30	PASS
11G	Ant1	2412	14.75	<=30	PASS
	Ant2	2412	15.31	<=30	PASS
	Ant1	2437	15.13	<=30	PASS
	Ant2	2437	15.37	<=30	PASS
	Ant1	2462	14.57	<=30	PASS
	Ant2	2462	15.12	<=30	PASS
11N20MIMO	Ant1	2412	13.12	<=30	PASS
	Ant2	2412	14.03	<=30	PASS
	total	2412	16.61	<=30	PASS
	Ant1	2437	13.50	<=30	PASS
	Ant2	2437	14.04	<=30	PASS
	total	2437	16.79	<=30	PASS
	Ant1	2462	12.93	<=30	PASS
	Ant2	2462	13.73	<=30	PASS
	total	2462	16.36	<=30	PASS
11N40MIMO	Ant1	2422	13.32	<=30	PASS
	Ant2	2422	14.09	<=30	PASS
	total	2422	16.73	<=30	PASS
	Ant1	2437	13.64	<=30	PASS
	Ant2	2437	13.96	<=30	PASS
	total	2437	16.81	<=30	PASS
	Ant1	2452	13.39	<=30	PASS
	Ant2	2452	14.02	<=30	PASS
	total	2452	16.73	<=30	PASS

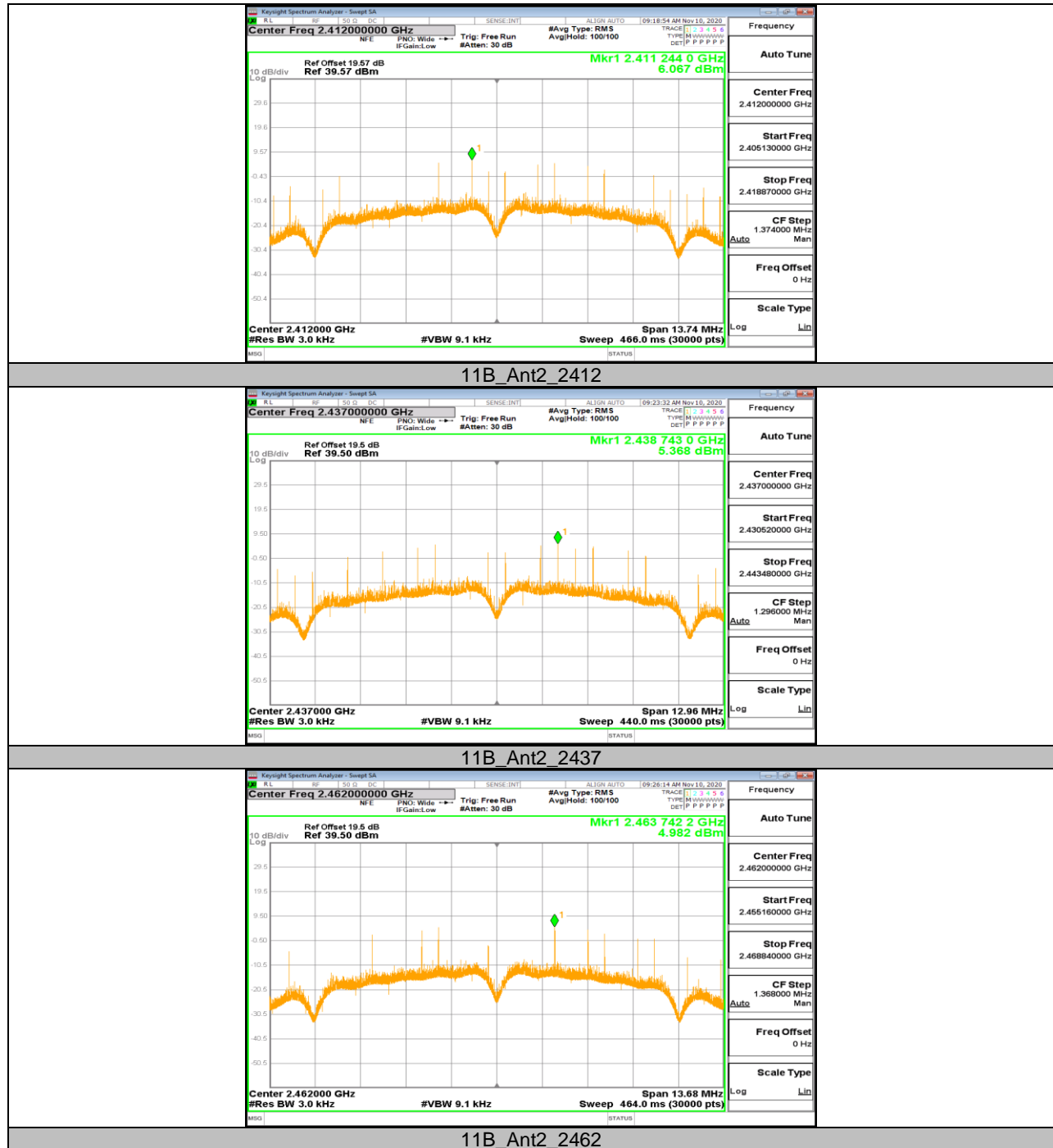


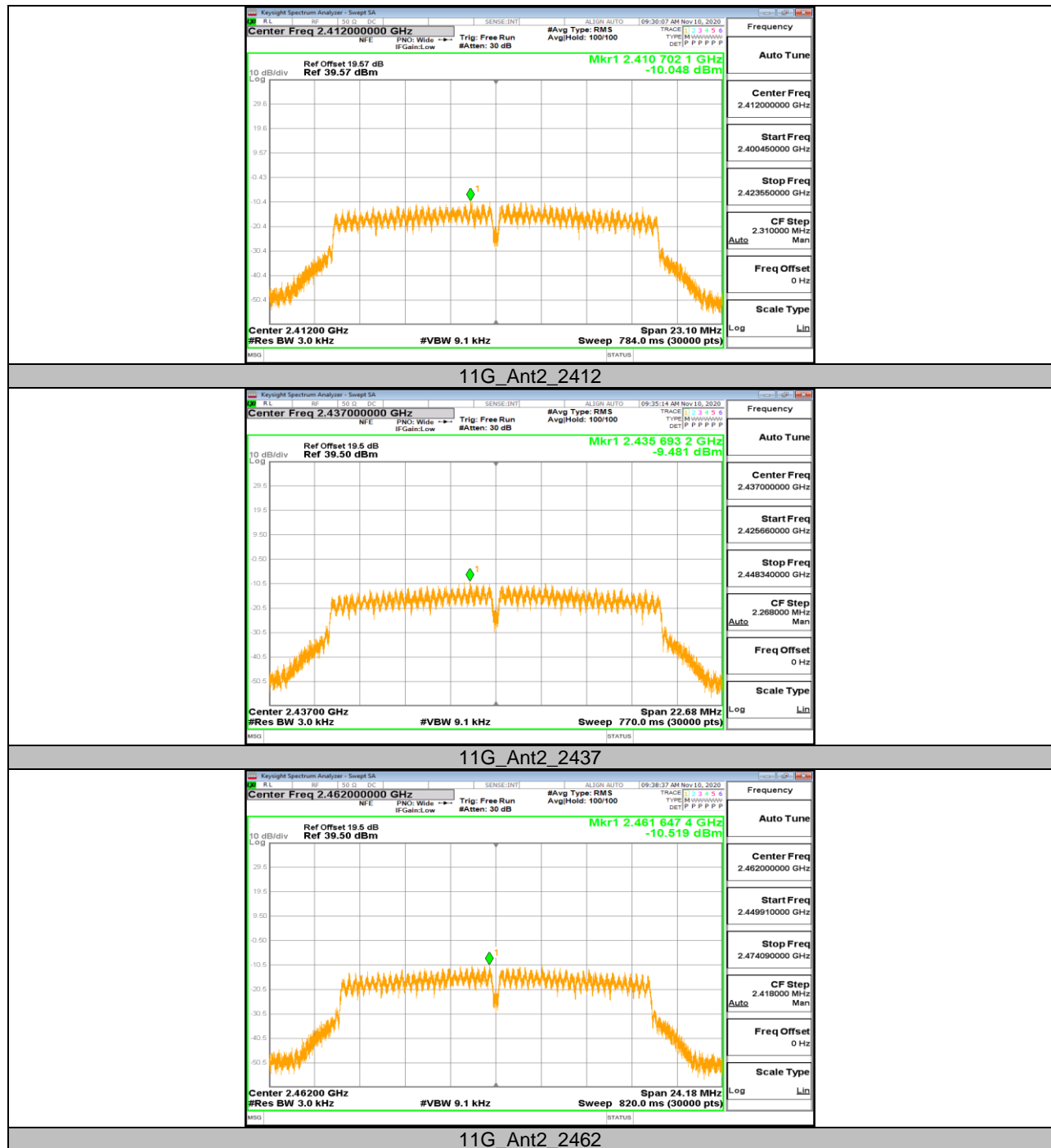
**Appendix D: Maximum power spectral density
Test Result**

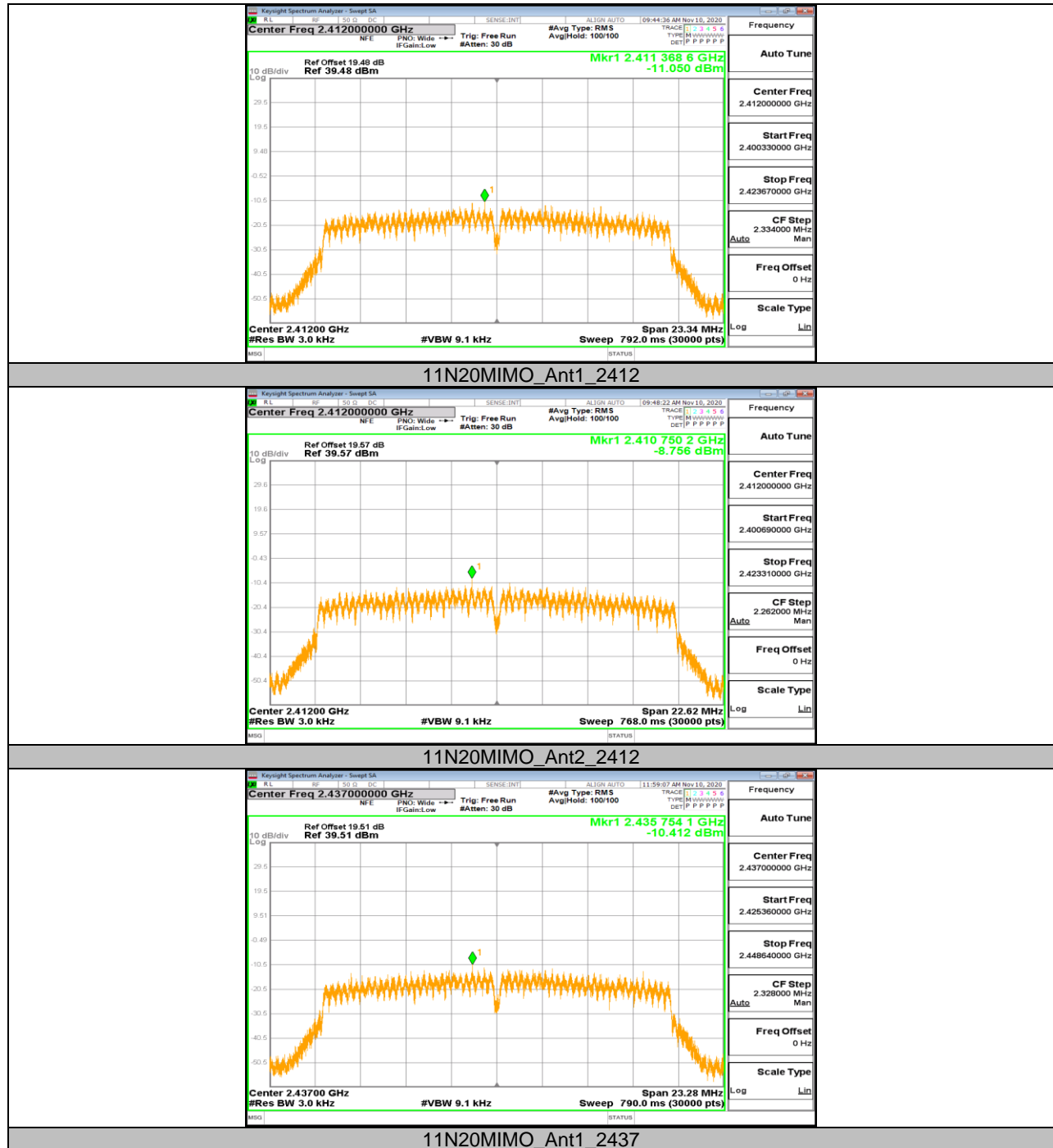
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	6.07	<=8	PASS
		2437	5.37	<=8	PASS
		2462	4.98	<=8	PASS
11G	Ant2	2412	-10.05	<=8	PASS
		2437	-9.48	<=8	PASS
		2462	-10.52	<=8	PASS
11N20MIMO	Ant1	2412	-11.05	<=8	PASS
	Ant2	2412	-8.76	<=8	PASS
	total	2412	-6.75	<=8	PASS
	Ant1	2437	-10.41	<=8	PASS
	Ant2	2437	-9.64	<=8	PASS
	total	2437	-7.00	<=8	PASS
	Ant1	2462	-11.44	<=8	PASS
	Ant2	2462	-10.86	<=8	PASS
	total	2462	-8.13	<=8	PASS
11N40MIMO	Ant1	2422	-14.87	<=8	PASS
	Ant2	2422	-14.17	<=8	PASS
	total	2422	-11.50	<=8	PASS
	Ant1	2437	-14.73	<=8	PASS
	Ant2	2437	-13.87	<=8	PASS
	total	2437	-11.27	<=8	PASS
	Ant1	2452	-14.47	<=8	PASS
	Ant2	2452	-13.18	<=8	PASS
	total	2452	-10.77	<=8	PASS

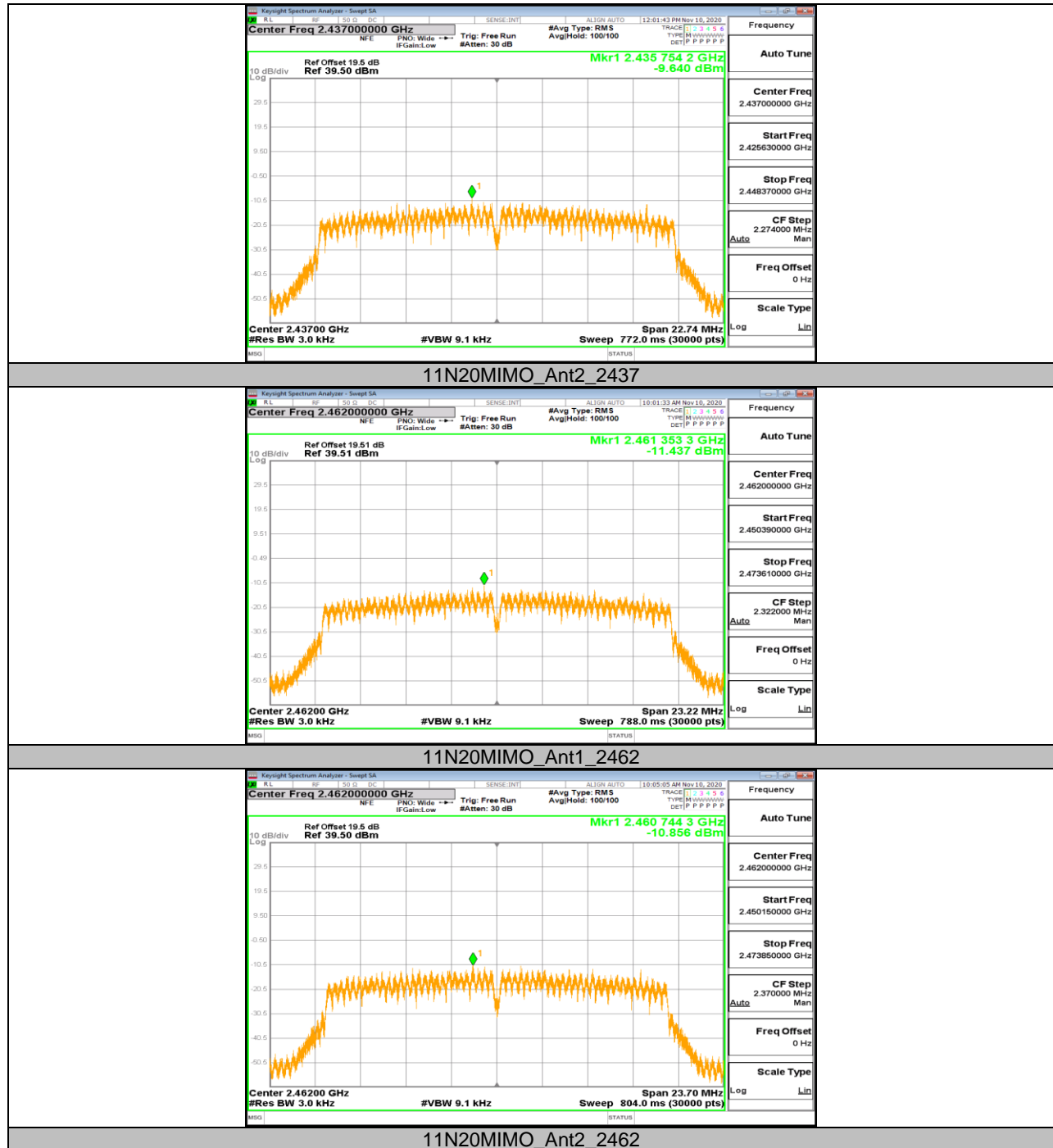


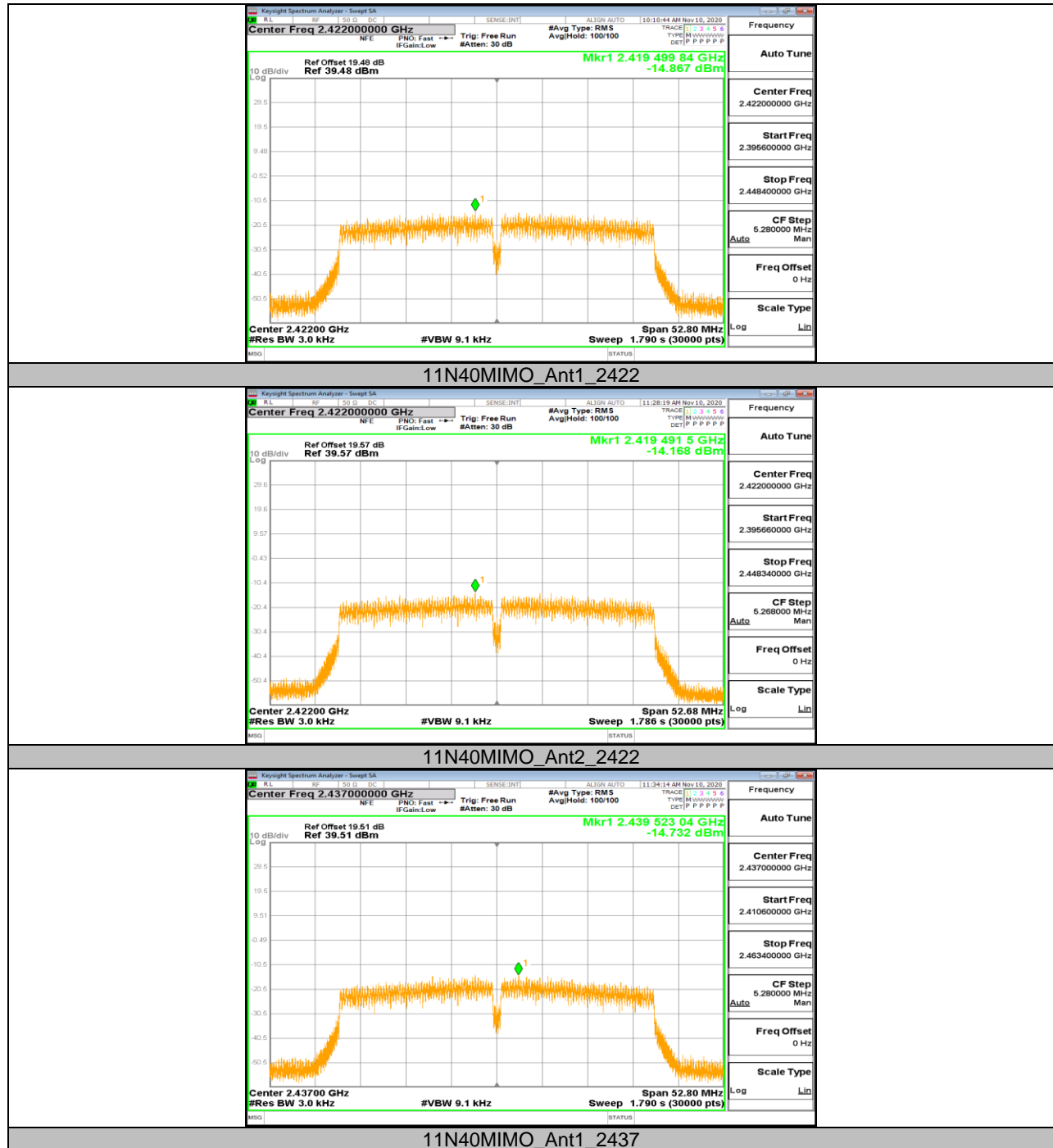
Test Graphs

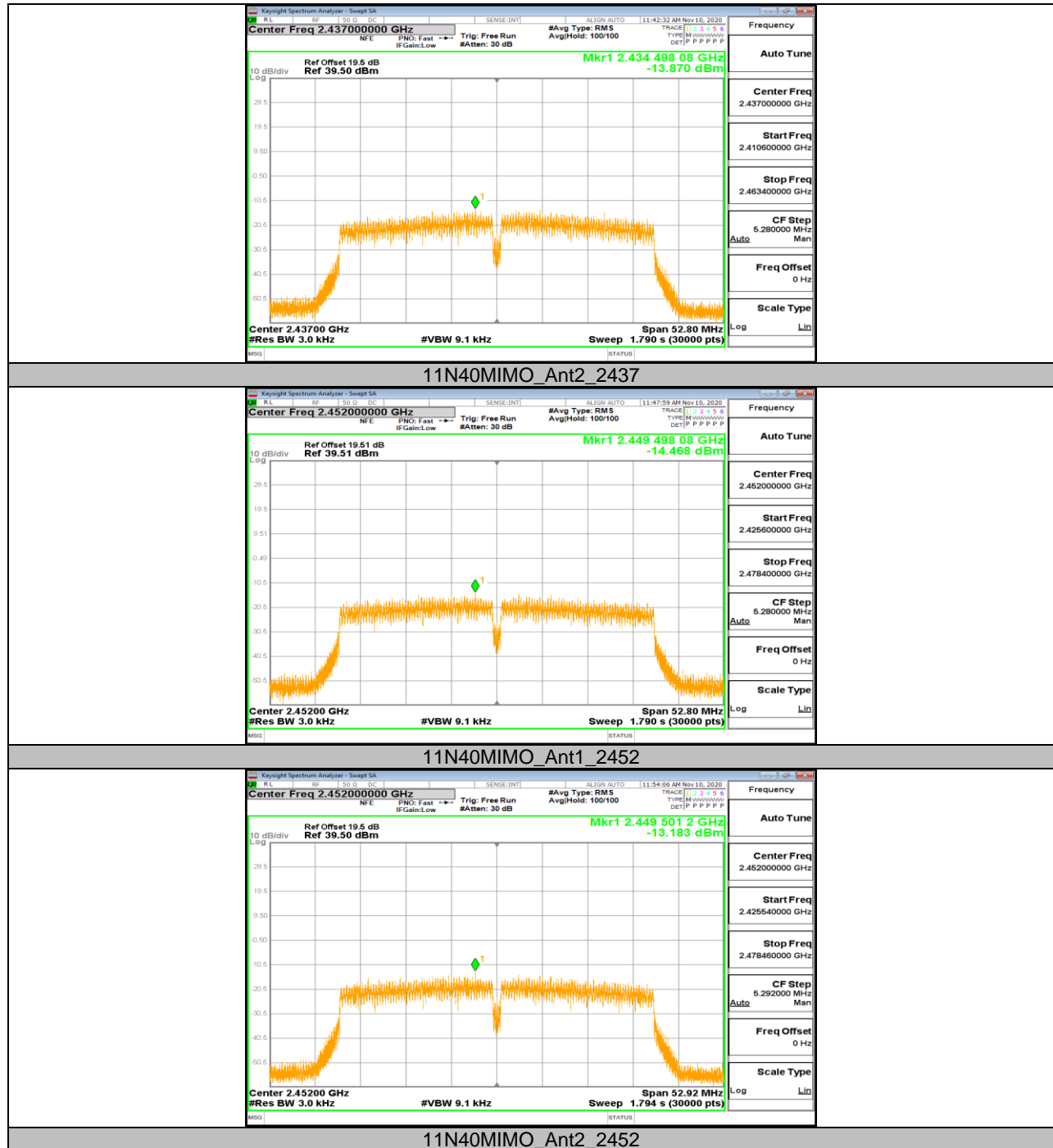














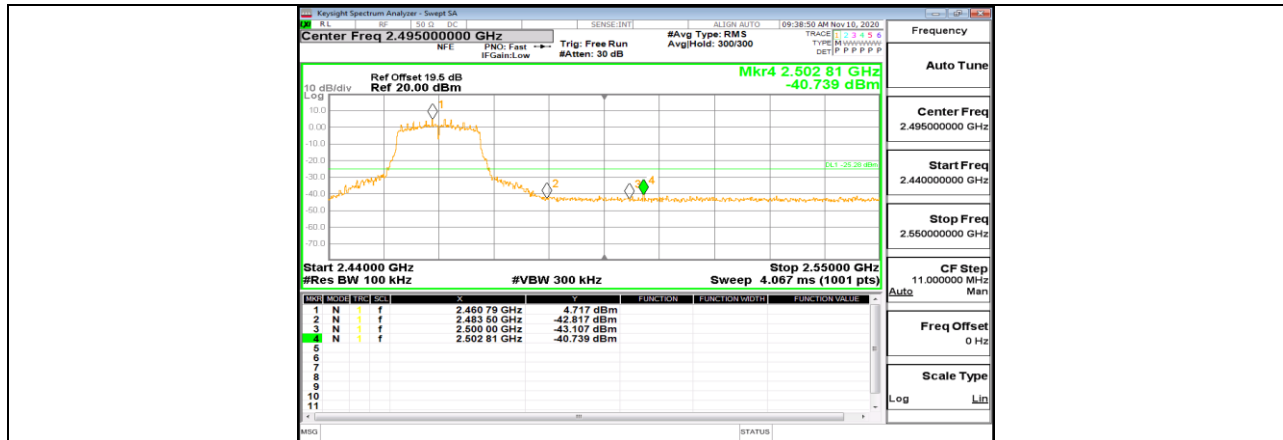
Appendix E: Band edge measurements Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result [dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	6.86	-31.61	<=-23.14	PASS
		High	2462	6.74	-40.58	<=-23.26	PASS
11G	Ant2	Low	2412	4.78	-28.43	<=-25.22	PASS
		High	2462	4.72	-40.74	<=-25.28	PASS
11N20 MIMO	Ant1	Low	2412	2.60	-32.93	<=-27.4	PASS
	Ant2	Low	2412	2.72	-29.12	<=-27.28	PASS
	Ant1	High	2462	2.65	-38.36	<=-27.35	PASS
	Ant2	High	2462	2.52	-41.18	<=-27.48	PASS
11N40 MIMO	Ant1	Low	2422	0.03	-30.41	<=-29.97	PASS
	Ant2	Low	2422	0.53	-32.54	<=-29.47	PASS
	Ant1	High	2452	0.10	-33.06	<=-29.9	PASS
	Ant2	High	2452	0.42	-35.4	<=-29.58	PASS

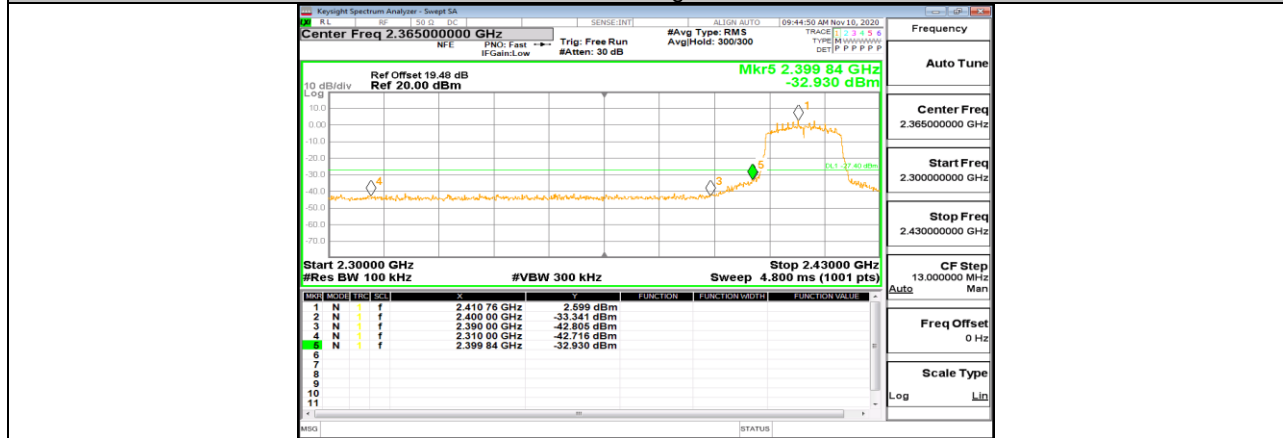


Test Graphs

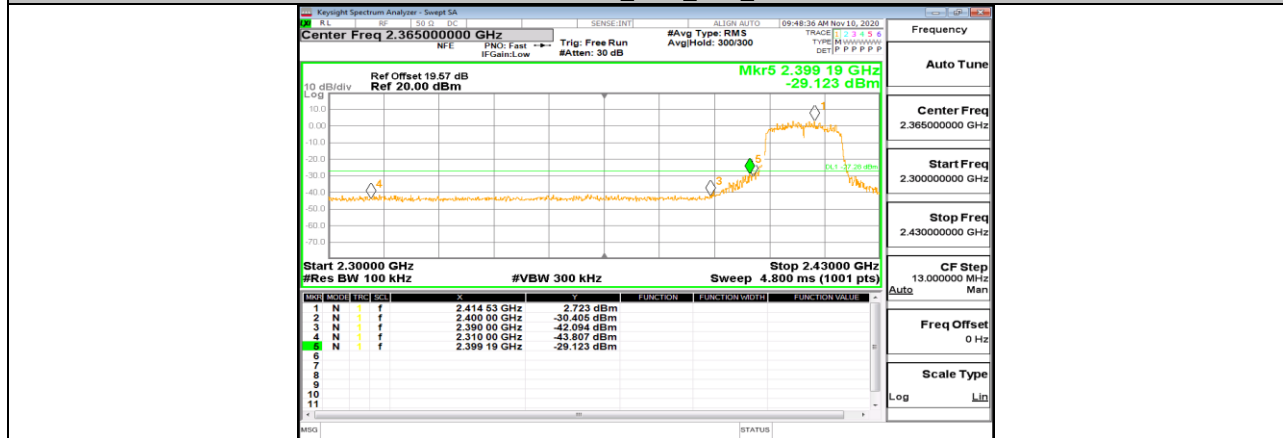




11G_Ant2_High_2462



11N20MIMO_Ant1_Low_2412



11N20MIMO_Ant2_Low_2412







Appendix F: Conducted Spurious Emission Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	6.73	6.73	---	PASS
			30~1000	---	-53.355	<=-23.273	PASS
			1000~26500	---	-43.974	<=-23.273	PASS
		2437	Reference	7.09	7.09	---	PASS
			30~1000	---	-53.167	<=-22.913	PASS
			1000~26500	---	-44.953	<=-22.913	PASS
		2462	Reference	6.67	6.67	---	PASS
			30~1000	---	-53.677	<=-23.326	PASS
			1000~26500	---	-44.577	<=-23.326	PASS
11G	Ant2	2412	Reference	3.15	3.15	---	PASS
			30~1000	---	-52.993	<=-26.851	PASS
			1000~26500	---	-44.749	<=-26.851	PASS
		2437	Reference	4.97	4.97	---	PASS
			30~1000	---	-53.47	<=-25.027	PASS
			1000~26500	---	-44.671	<=-25.027	PASS
		2462	Reference	4.44	4.44	---	PASS
			30~1000	---	-50.961	<=-25.561	PASS
			1000~26500	---	-44.547	<=-25.561	PASS
11N20MIMO	Ant1	2412	Reference	2.75	2.75	---	PASS
			30~1000	---	-52.719	<=-27.255	PASS
			1000~26500	---	-44.988	<=-27.255	PASS
	Ant2	2412	Reference	1.67	1.67	---	PASS
			30~1000	---	-54.164	<=-28.335	PASS
			1000~26500	---	-44.027	<=-28.335	PASS
	Ant1	2437	Reference	2.25	2.25	---	PASS
			30~1000	---	-53.332	<=-27.752	PASS
			1000~26500	---	-44.28	<=-27.752	PASS
	Ant2	2437	Reference	3.68	3.68	---	PASS
			30~1000	---	-53.031	<=-26.316	PASS
			1000~26500	---	-45.197	<=-26.316	PASS
	Ant1	2462	Reference	2.55	2.55	---	PASS
			30~1000	---	-53.354	<=-27.45	PASS
			1000~26500	---	-44.34	<=-27.45	PASS
	Ant2	2462	Reference	1.78	1.78	---	PASS
			30~1000	---	-53.565	<=-28.217	PASS
			1000~26500	---	-44.606	<=-28.217	PASS
11N40MIMO	Ant1	2422	Reference	-0.06	-0.06	---	PASS
			30~1000	---	-53.325	<=-30.064	PASS
			1000~26500	---	-43.262	<=-30.064	PASS
	Ant2	2422	Reference	0.33	0.33	---	PASS
			30~1000	---	-53.371	<=-29.668	PASS
			1000~26500	---	-43.934	<=-29.668	PASS
	Ant1	2437	Reference	0.08	0.08	---	PASS
			30~1000	---	-52.737	<=-29.916	PASS
			1000~26500	---	-44.709	<=-29.916	PASS
	Ant2	2437	Reference	0.74	0.74	---	PASS
			30~1000	---	-53.514	<=-29.263	PASS
			1000~26500	---	-44.429	<=-29.263	PASS
	Ant1	2452	Reference	0.15	0.15	---	PASS
			30~1000	---	-53.366	<=-29.851	PASS
			1000~26500	---	-44.05	<=-29.851	PASS
	Ant2	2452	Reference	0.78	0.78	---	PASS
			30~1000	---	-53.56	<=-29.221	PASS
			1000~26500	---	-45.094	<=-29.221	PASS



Test Graphs



