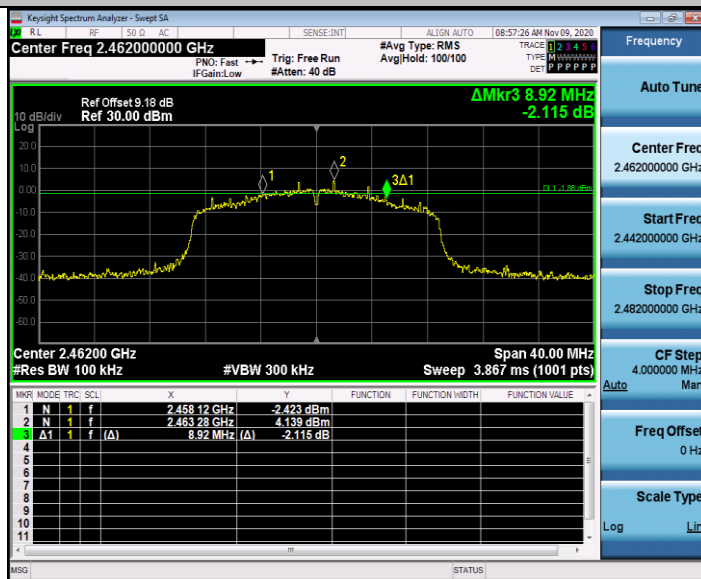


11N20SISO_Ant1_2462



Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.077	2404.408	2419.485	---	PASS
		2437	14.986	2429.430	2444.416	---	PASS
		2462	14.676	2454.577	2469.253	---	PASS
11G	Ant1	2412	16.110	2403.923	2420.033	---	PASS
		2437	15.982	2428.951	2444.933	---	PASS
		2462	15.967	2453.969	2469.936	---	PASS
11N20SISO	Ant1	2412	16.808	2403.520	2420.328	---	PASS
		2437	16.755	2428.547	2445.302	---	PASS
		2462	16.704	2453.572	2470.276	---	PASS

Test Graphs

11B_Ant1_2412



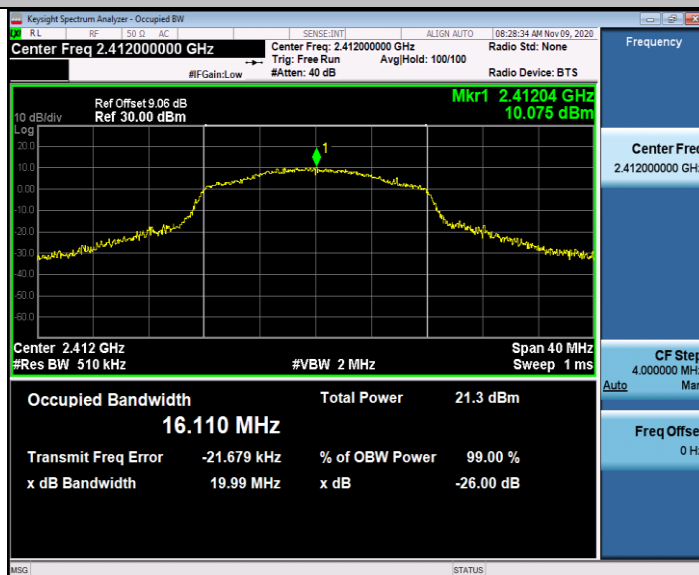
11B_Ant1_2437



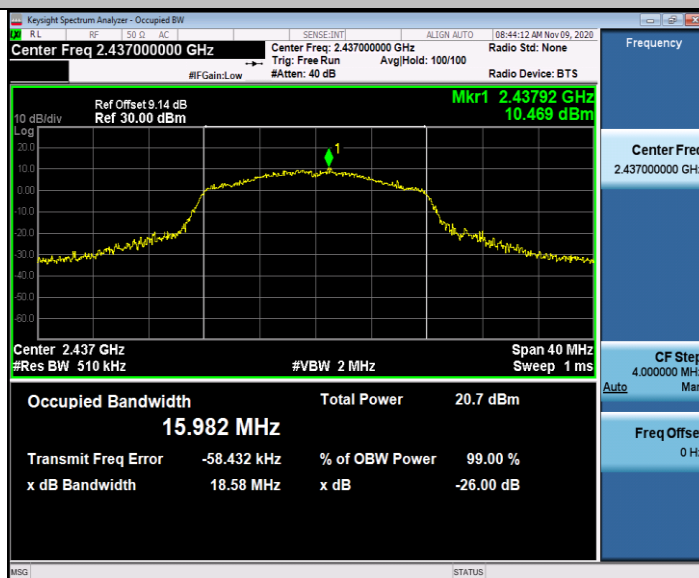
11B_Ant1_2462



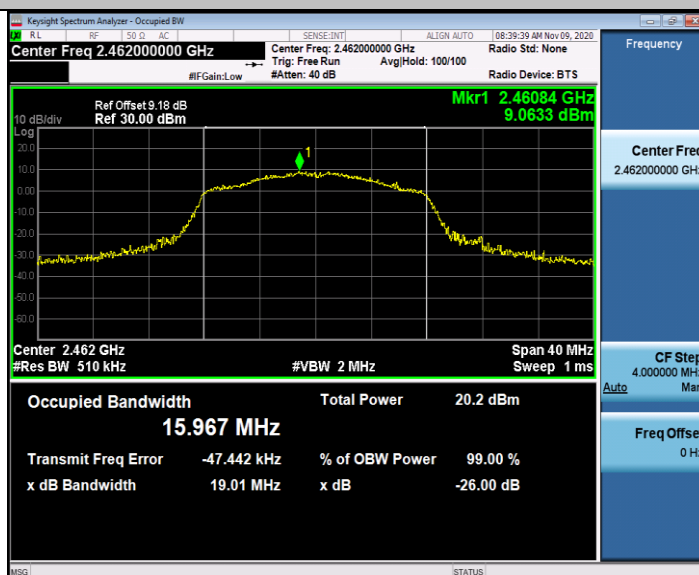
11G_Ant1_2412



11G Ant1 2437



11G Ant1 2462

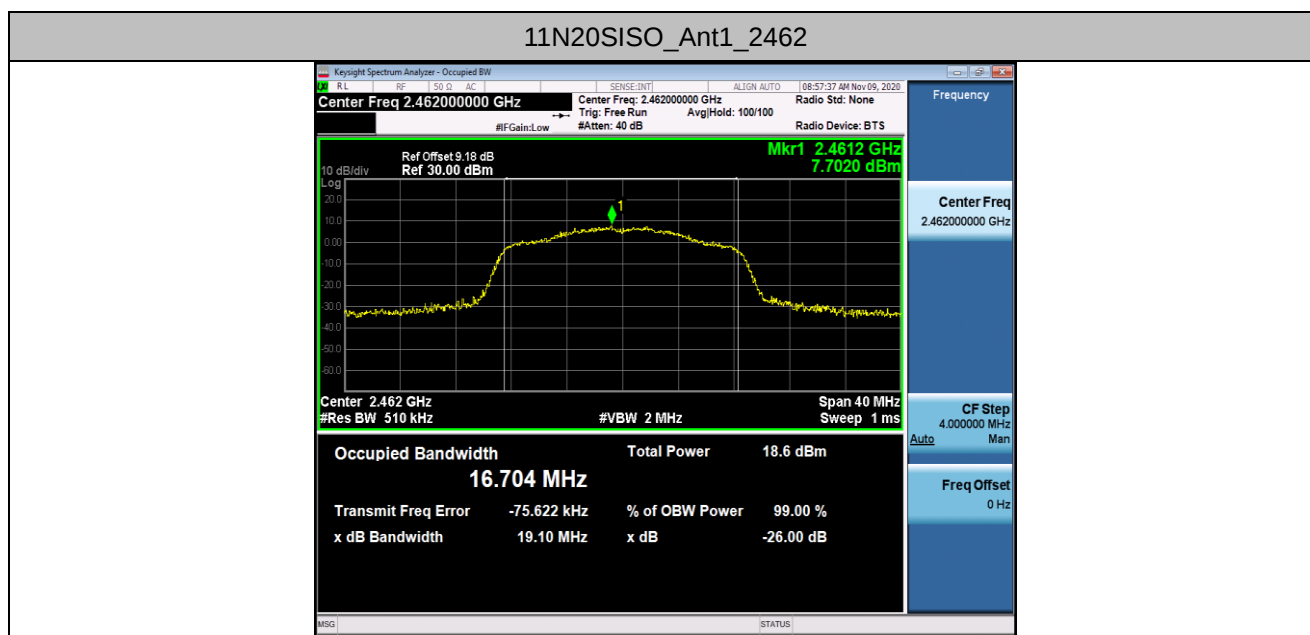


11N20SISO_Ant1_2412



11N20SISO_Ant1_2437





Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result [dBm]	EIRP [dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	16.86	19.36	<=30	PASS
		2437	16.97	19.47	<=30	PASS
		2462	16.96	19.46	<=30	PASS
11G	Ant1	2412	15.02	17.52	<=30	PASS
		2437	14.45	16.95	<=30	PASS
		2462	14.01	16.51	<=30	PASS
11N20SISO	Ant1	2412	13.26	15.76	<=30	PASS
		2437	12.74	15.24	<=30	PASS
		2462	12.52	15.02	<=30	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



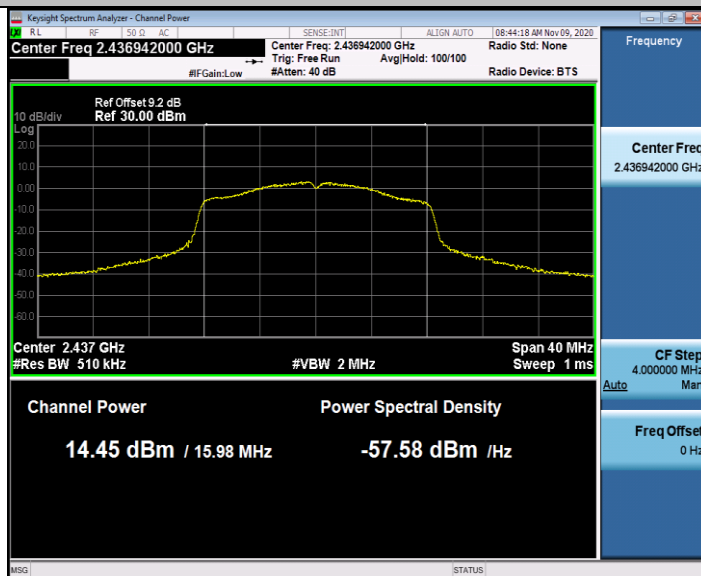
11B_Ant1_2462



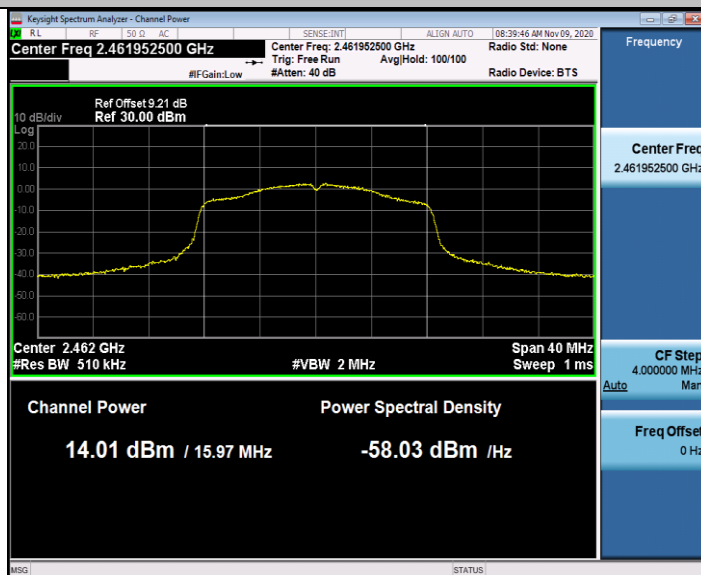
11G_Ant1_2412



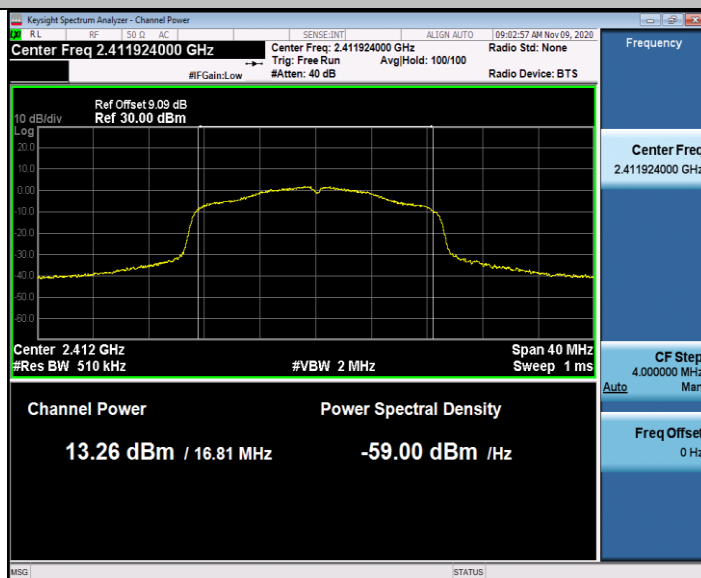
11G_Ant1_2437



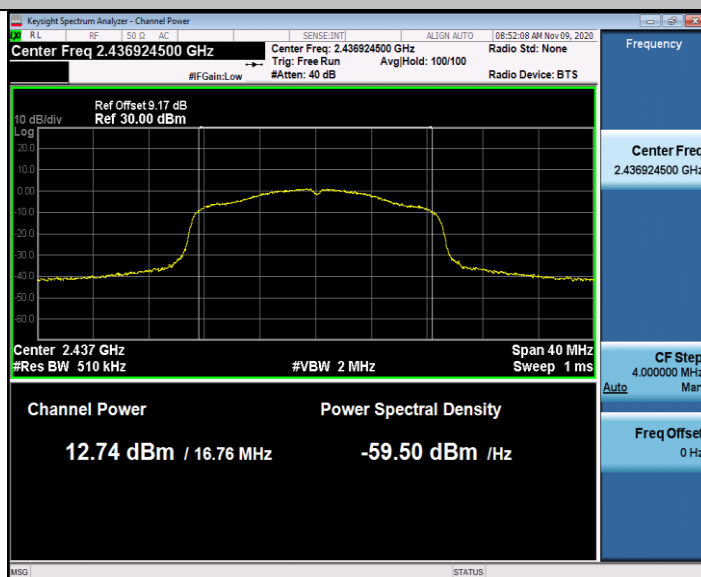
11G_Ant1_2462

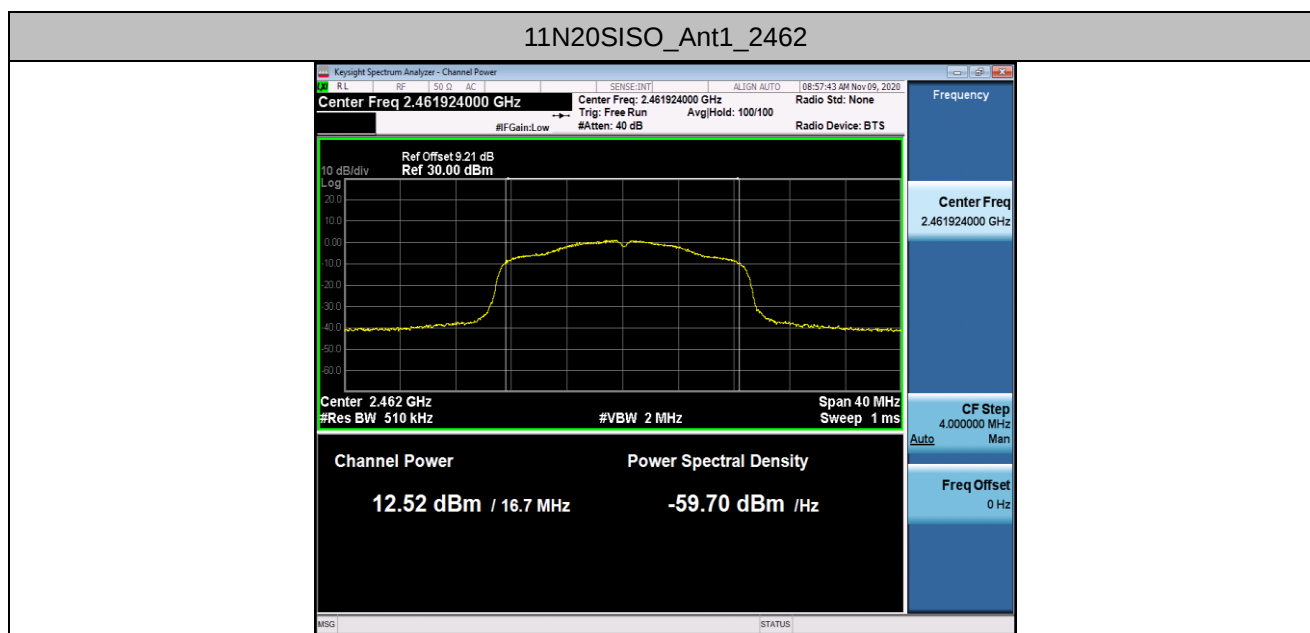


11N20SISO_Ant1_2412



11N20SISO_Ant1_2437





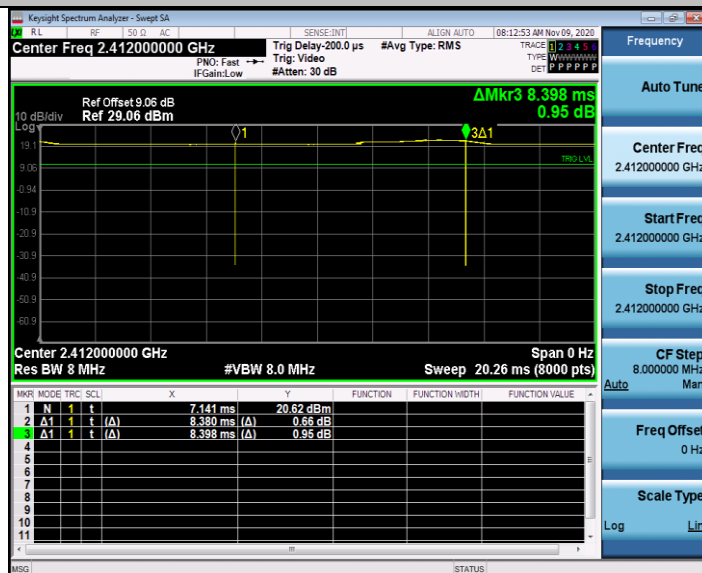
Appendix D: Duty Cycle

Test Result

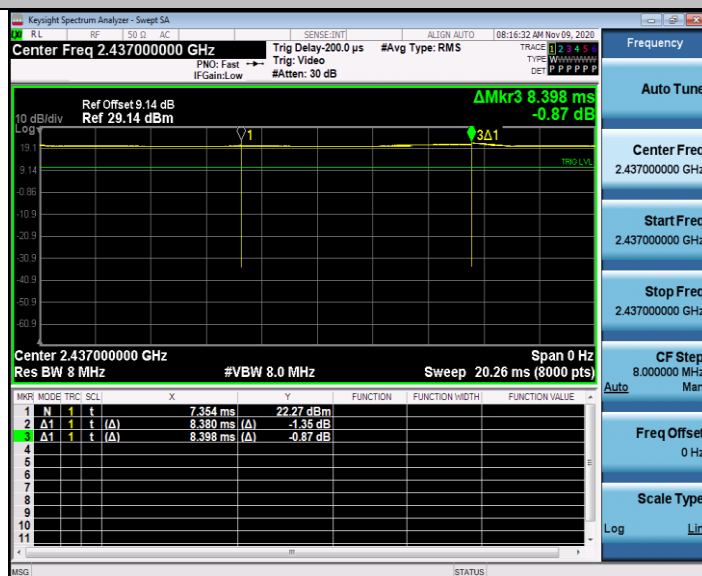
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.38	8.40	99.76
		2437	8.38	8.40	99.76
		2462	8.38	8.40	99.76
11G	Ant1	2412	1.39	1.41	98.58
		2437	1.39	1.41	98.58
		2462	1.39	1.40	99.29
11N20SISO	Ant1	2412	1.30	1.31	99.24
		2437	1.30	1.31	99.24
		2462	1.30	1.31	99.24

Test Graphs

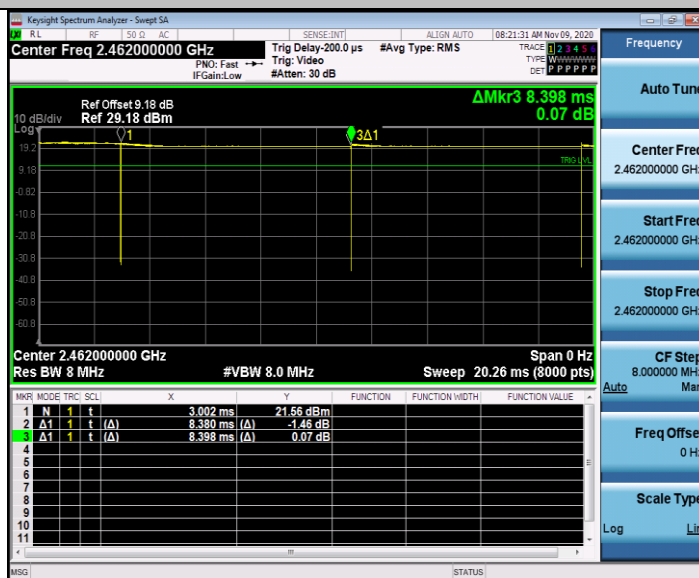
11B_Ant1_2412



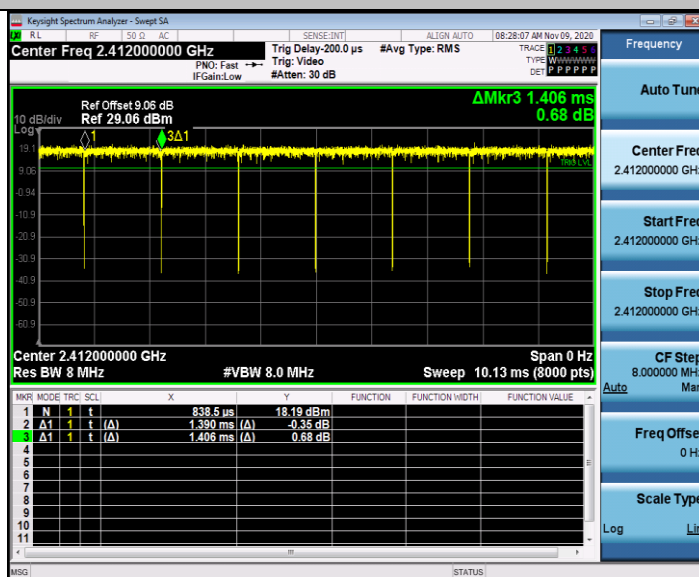
11B_Ant1_2437



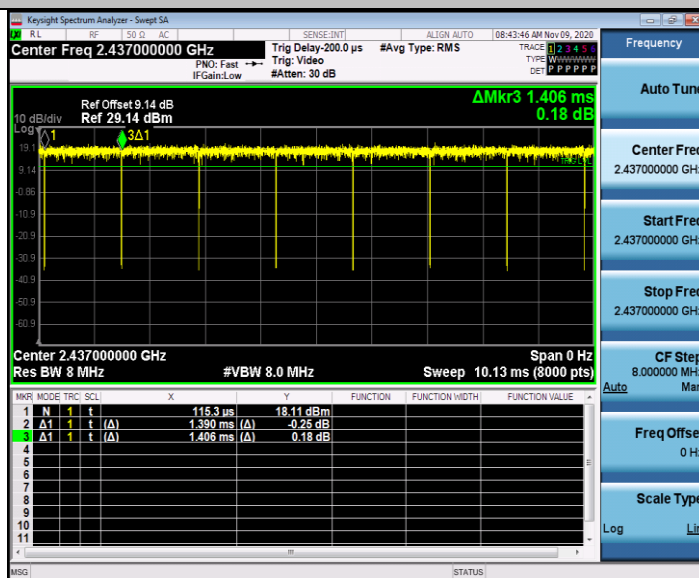
11B_Ant1_2462



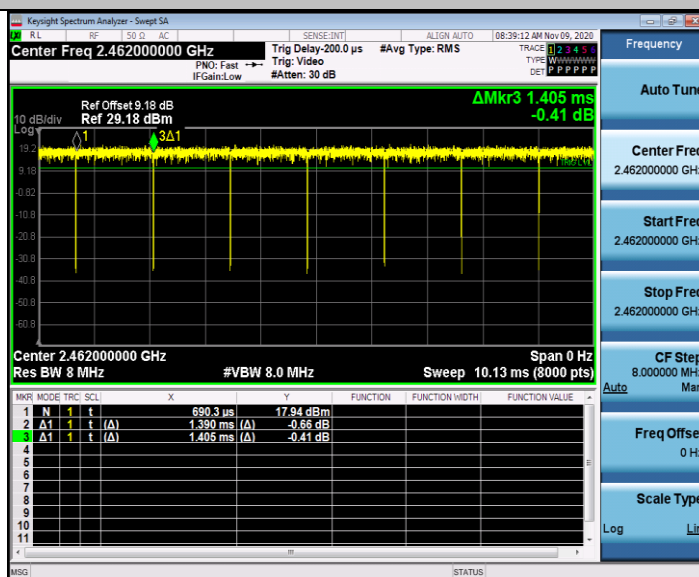
11G_Ant1_2412

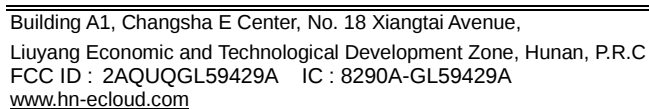


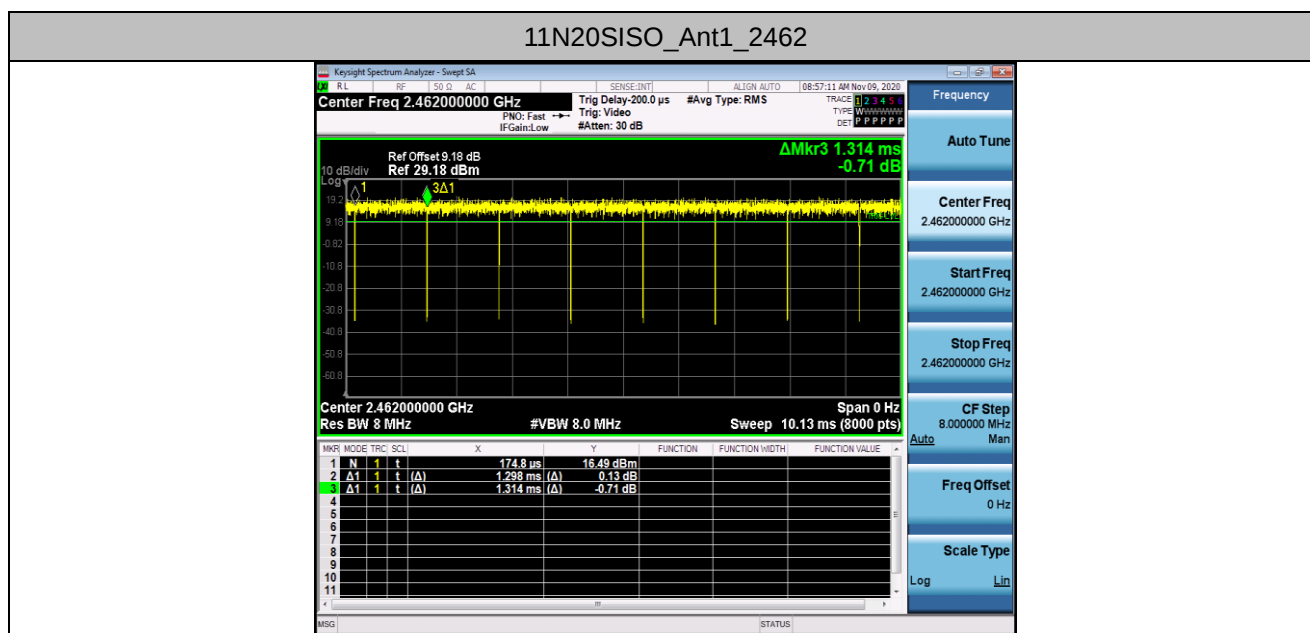
11G_Ant1_2437



11G_Ant1_2462







Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-15.45	<=8	PASS
		2437	-15.19	<=8	PASS
		2462	-15.24	<=8	PASS
11G	Ant1	2412	-16.41	<=8	PASS
		2437	-16.74	<=8	PASS
		2462	-17.12	<=8	PASS
11N20SISO	Ant1	2412	-18.85	<=8	PASS
		2437	-19.31	<=8	PASS
		2462	-19.23	<=8	PASS

Test Graphs

11B_Ant1_2412



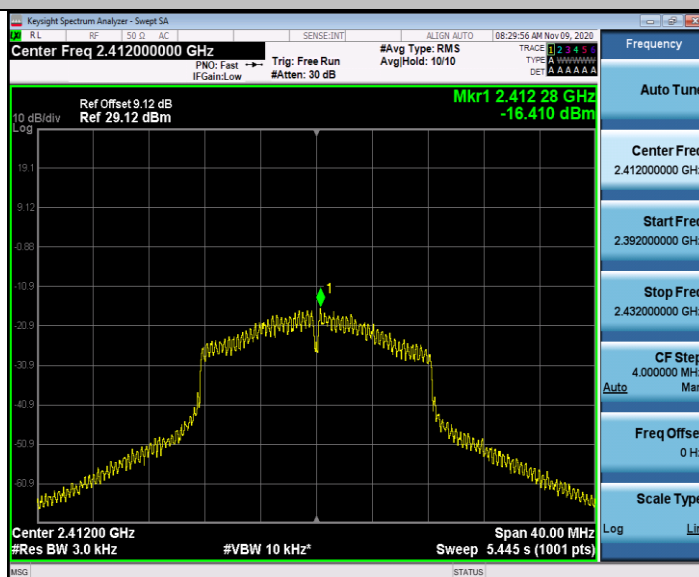
11B_Ant1_2437



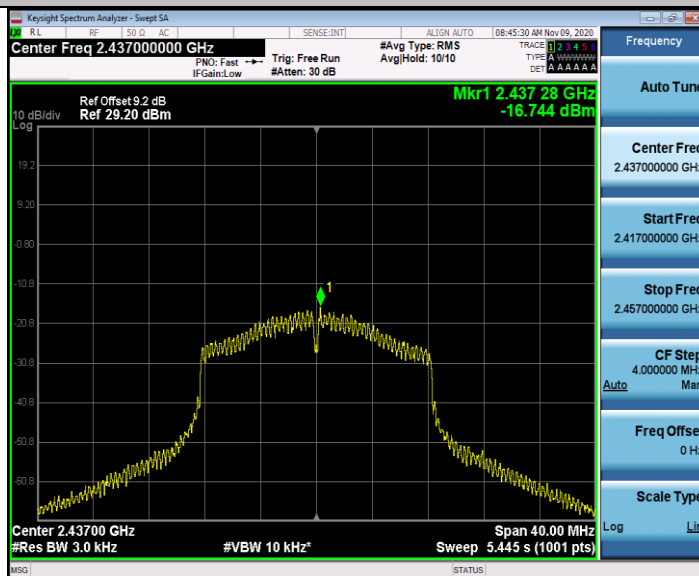
11B_Ant1_2462



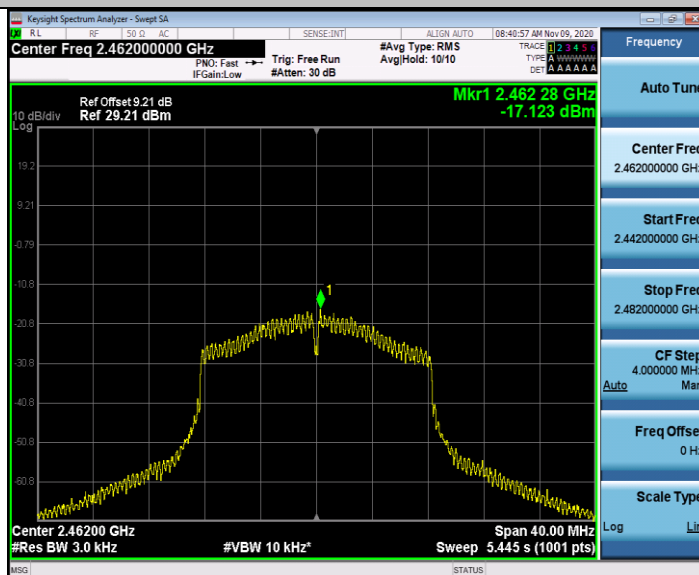
11G_Ant1_2412



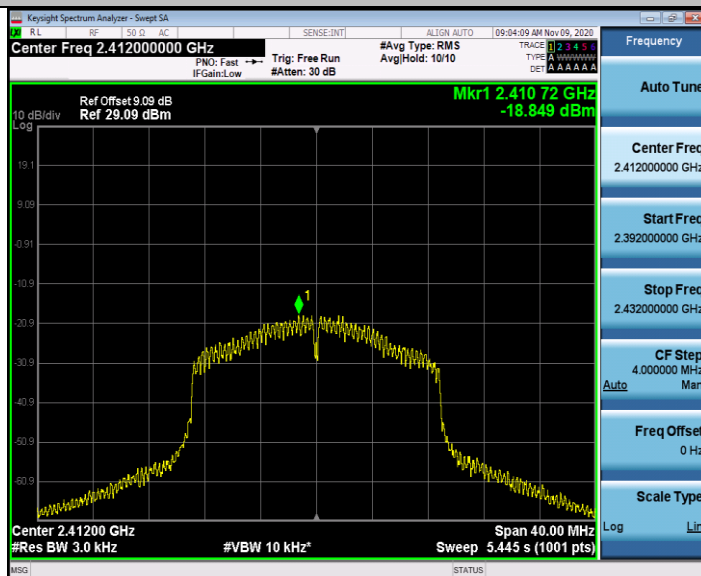
11G_Ant1_2437



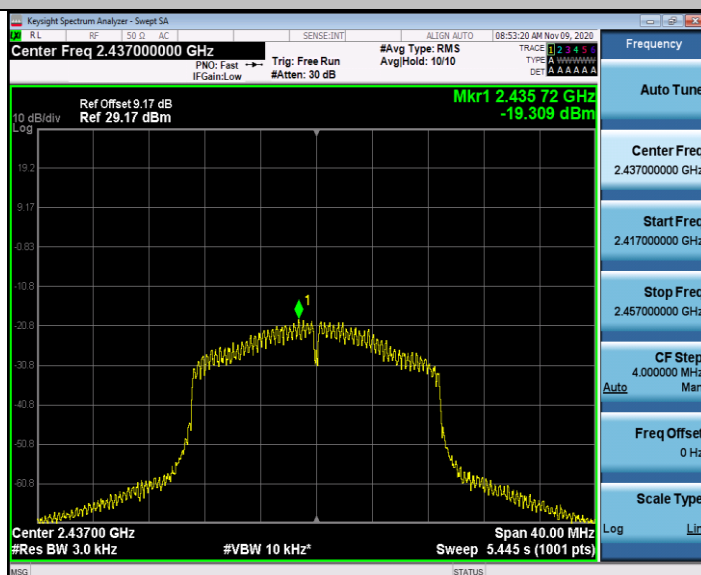
11G_Ant1_2462



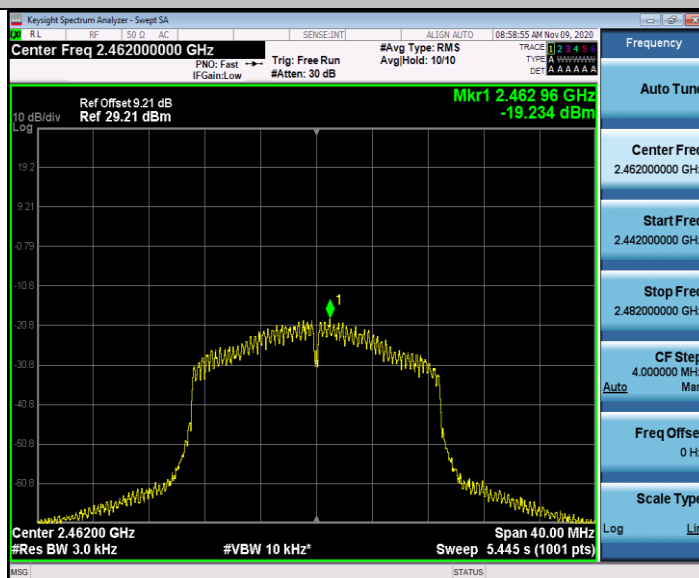
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



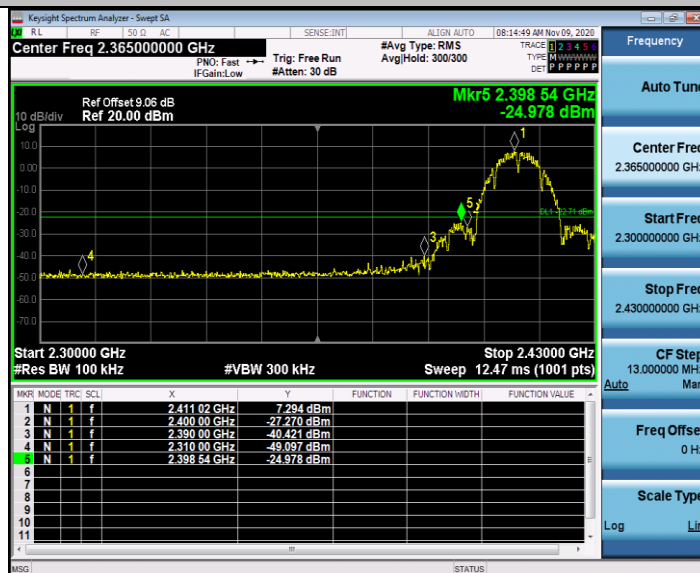
Appendix F: Band edge measurements

Test Result

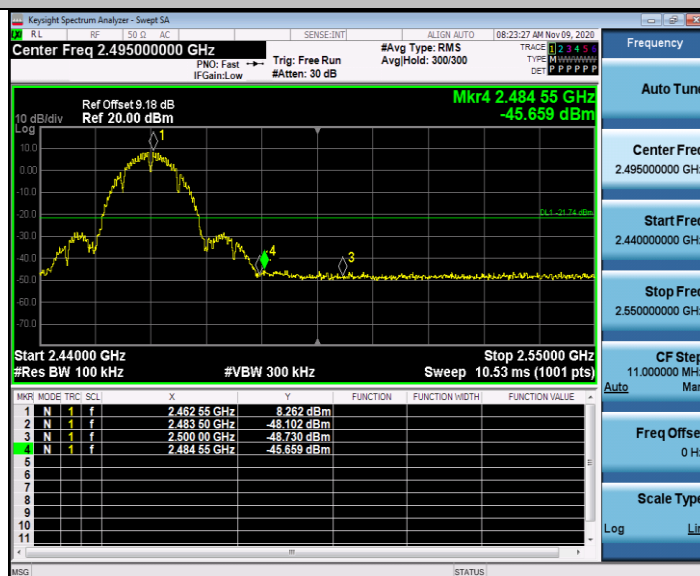
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.29	-24.98	<=-22.71	PASS
		High	2462	8.26	-45.66	<=-21.74	PASS
11G	Ant1	Low	2412	6.05	-27.82	<=-23.95	PASS
		High	2462	5.40	-45.37	<=-24.6	PASS
11N20SISO	Ant1	Low	2412	4.68	-33.12	<=-25.32	PASS
		High	2462	3.00	-45.83	<=-27	PASS

Test Graphs

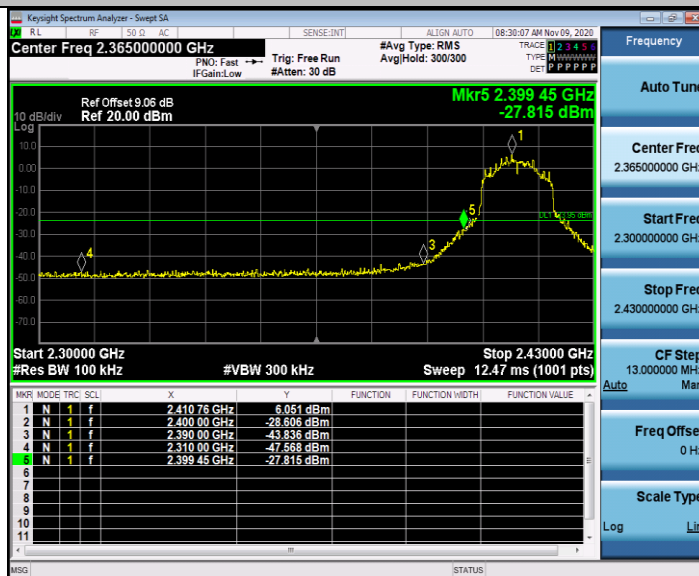
11B_Ant1_Low_2412



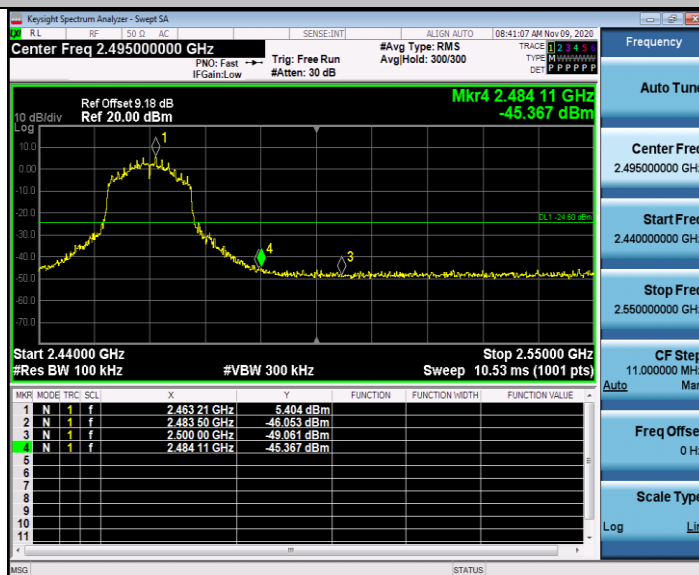
11B_Ant1_High_2462



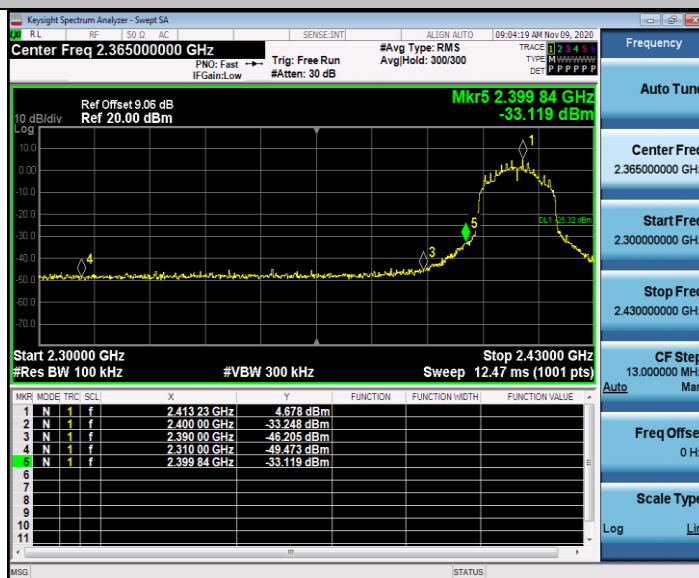
11G_Ant1_Low_2412



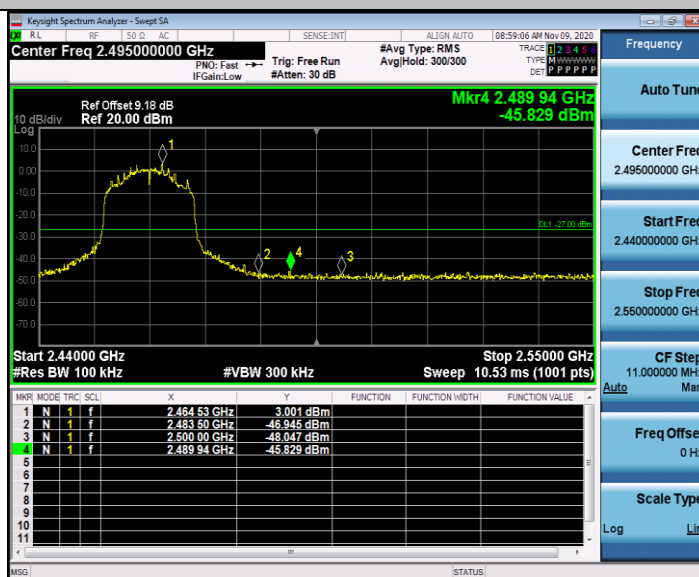
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



Appendix G: Conducted Spurious Emission

Test Result

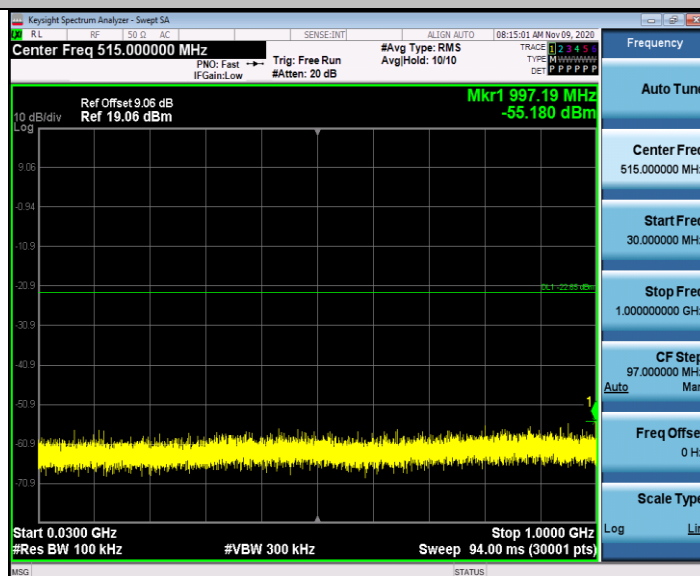
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.35	7.35	---	PASS
			30~1000	30~1000	-55.18	<=-22.648	PASS
			1000~26500	1000~26500	-37.671	<=-22.648	PASS
		2437	Reference	7.94	7.94	---	PASS
			30~1000	30~1000	-56.632	<=-22.063	PASS
			1000~26500	1000~26500	-37.732	<=-22.063	PASS
		2462	Reference	7.53	7.53	---	PASS
			30~1000	30~1000	-55.952	<=-22.471	PASS
			1000~26500	1000~26500	-37.927	<=-22.471	PASS
11G	Ant1	2412	Reference	5.28	5.28	---	PASS
			30~1000	30~1000	-56.293	<=-24.722	PASS
			1000~26500	1000~26500	-38.199	<=-24.722	PASS
		2437	Reference	5.78	5.78	---	PASS
			30~1000	30~1000	-56.583	<=-24.221	PASS
			1000~26500	1000~26500	-37.388	<=-24.221	PASS
		2462	Reference	3.98	3.98	---	PASS
			30~1000	30~1000	-56.648	<=-26.017	PASS
			1000~26500	1000~26500	-37.91	<=-26.017	PASS
11N20SISO	Ant1	2412	Reference	2.37	2.37	---	PASS
			30~1000	30~1000	-56.519	<=-27.629	PASS
			1000~26500	1000~26500	-38.163	<=-27.629	PASS
		2437	Reference	4.18	4.18	---	PASS
			30~1000	30~1000	-56.915	<=-25.816	PASS
			1000~26500	1000~26500	-37.58	<=-25.816	PASS
		2462	Reference	3.64	3.64	---	PASS
			30~1000	30~1000	-55.754	<=-26.359	PASS
			1000~26500	1000~26500	-37.539	<=-26.359	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference

