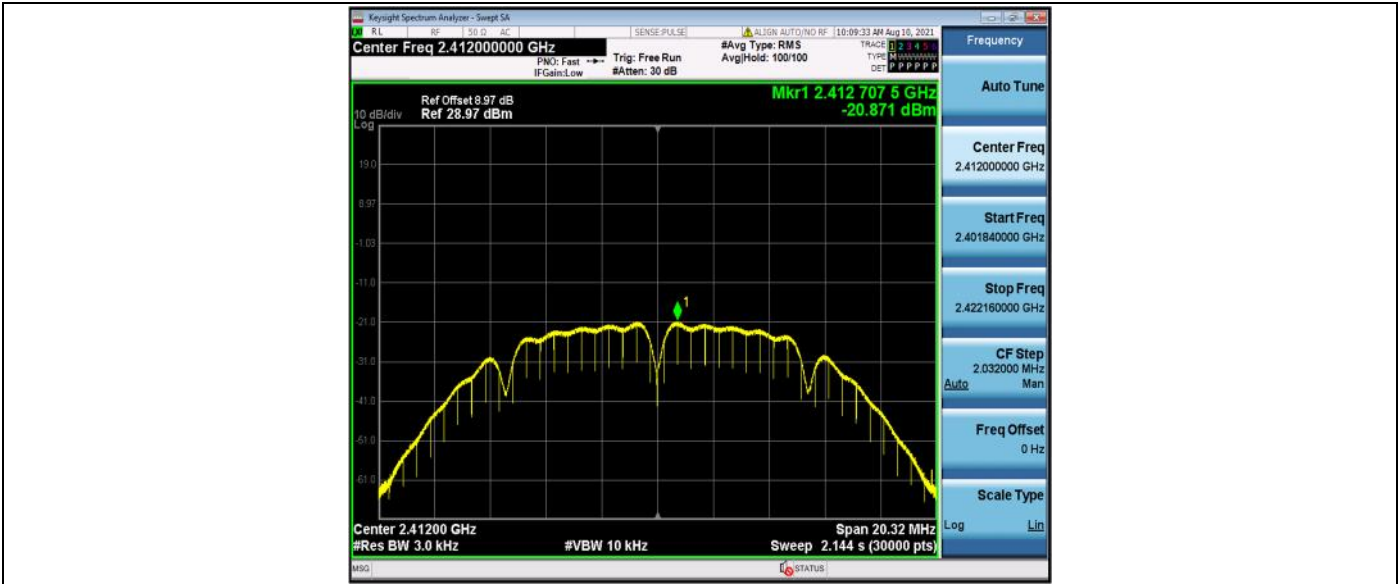


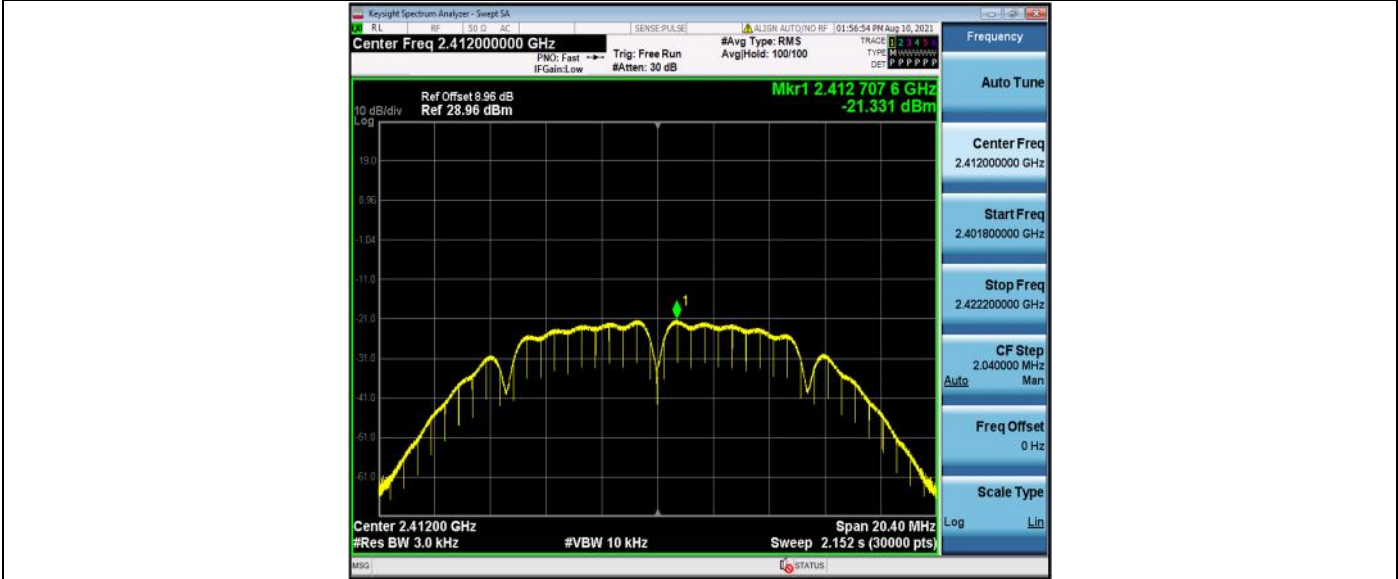
	Ant1	2452	-20.23	<=8	PASS
	Ant2	2452	-21.78	<=8	PASS
	total	2452	-17.93	<=5.99	PASS

Note: For MIMO mode the directional gain of the antenna is 8.01dbi. the limit reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Graphs



11B_Ant1_2412



11B_Ant2_2412



11B_Ant1_2437



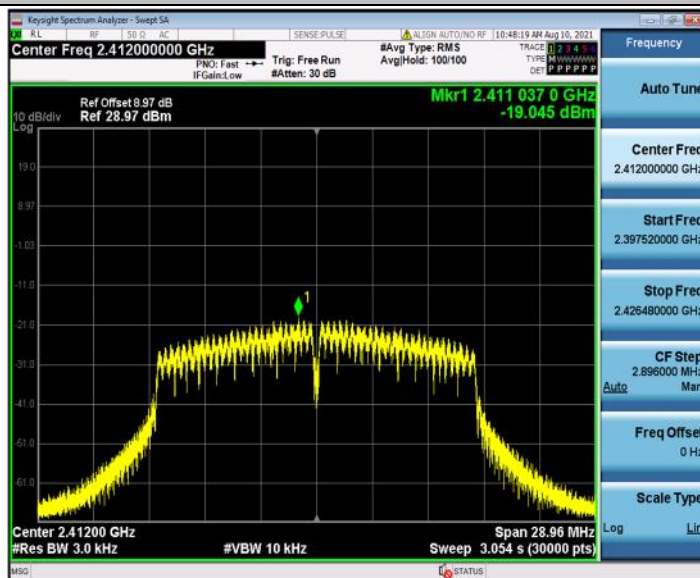
11B_Ant2_2437



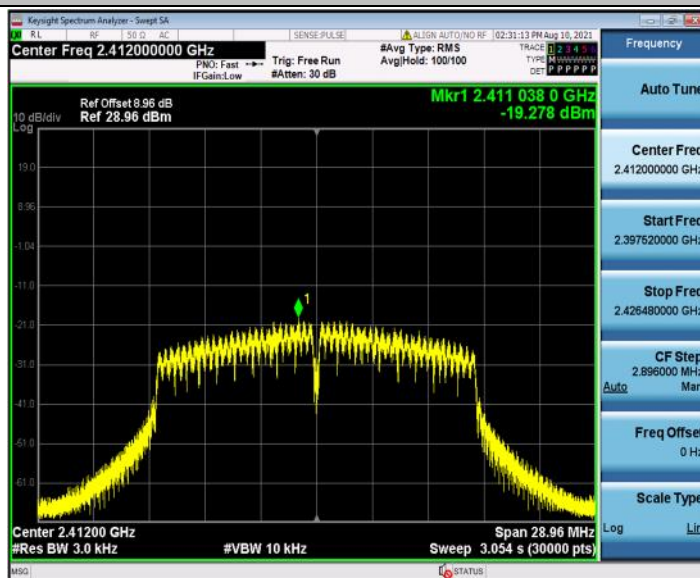
11B_Ant1_2462



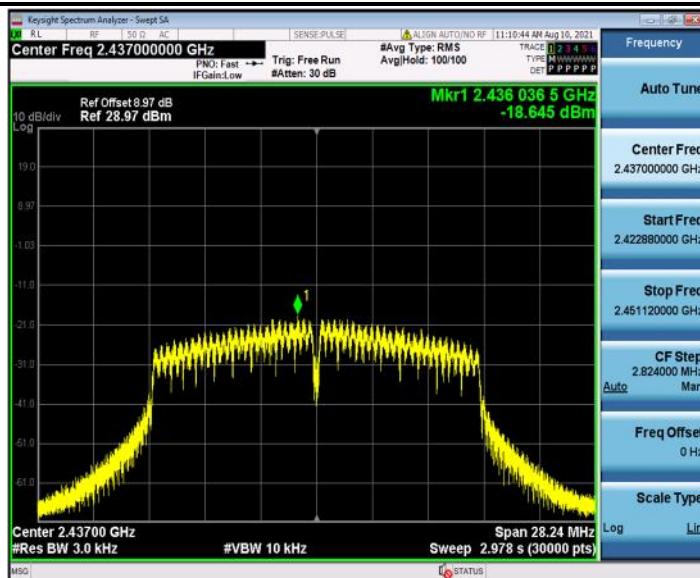
11B_Ant2_2462



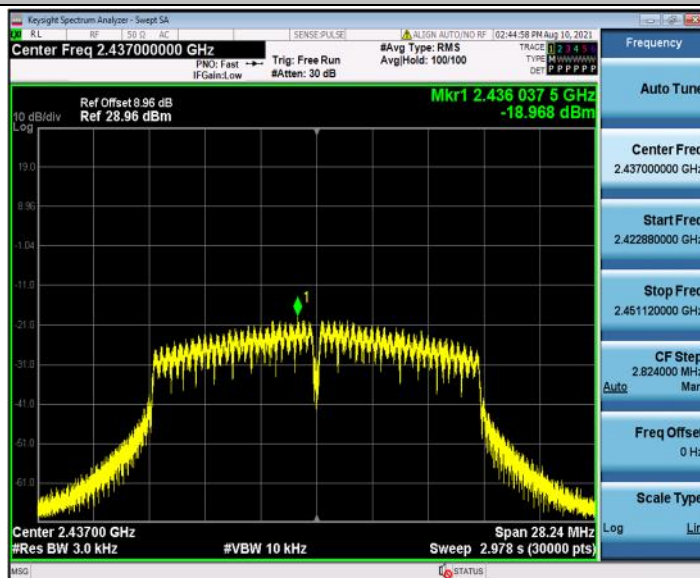
11G_Ant1_2412



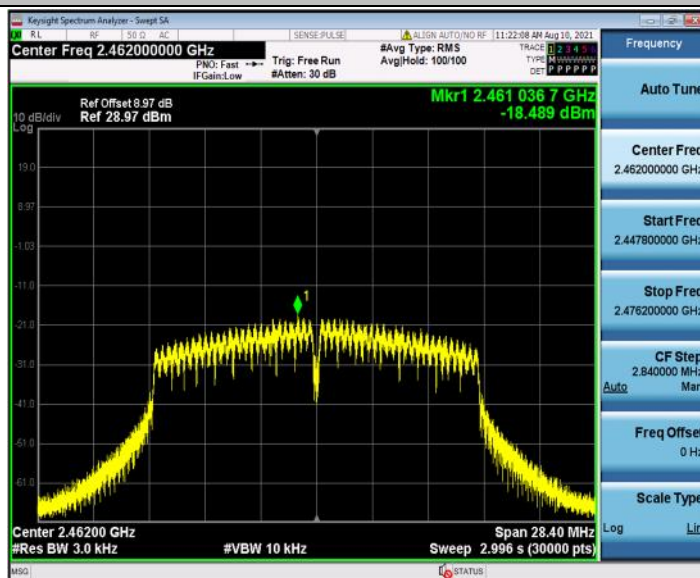
11G_Ant2_2412



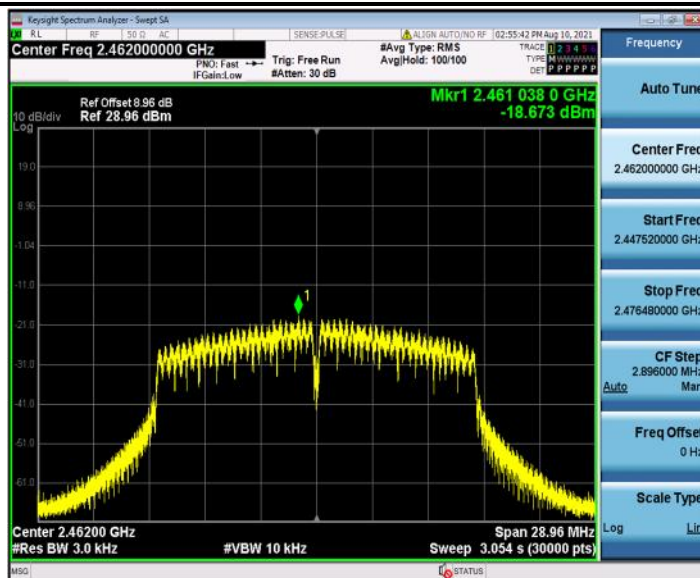
11G_Ant1_2437



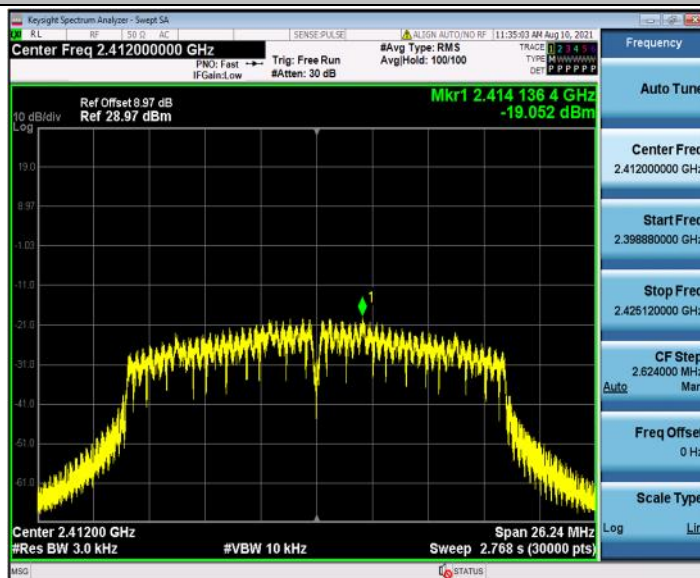
11G_Ant2_2437



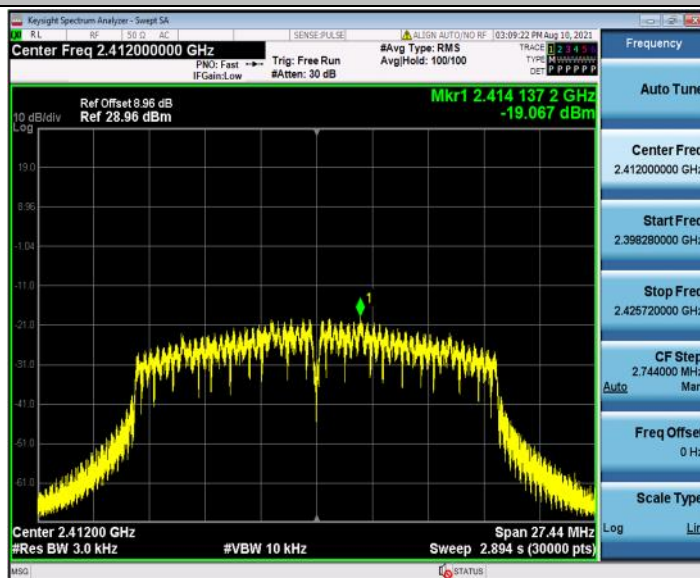
11G_Ant1_2462



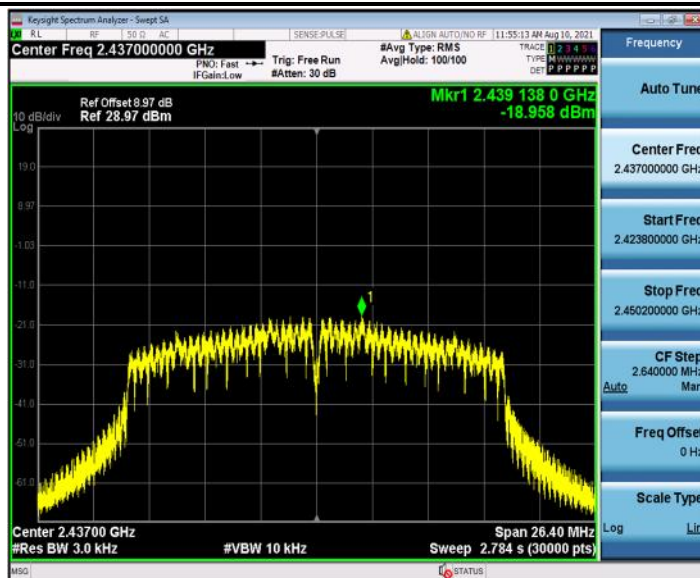
11G_Ant2_2462



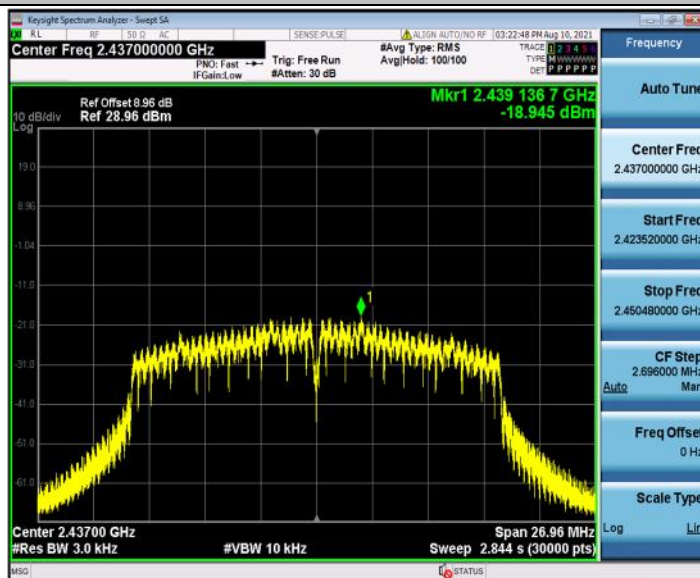
11N20SISO_Ant1_2412



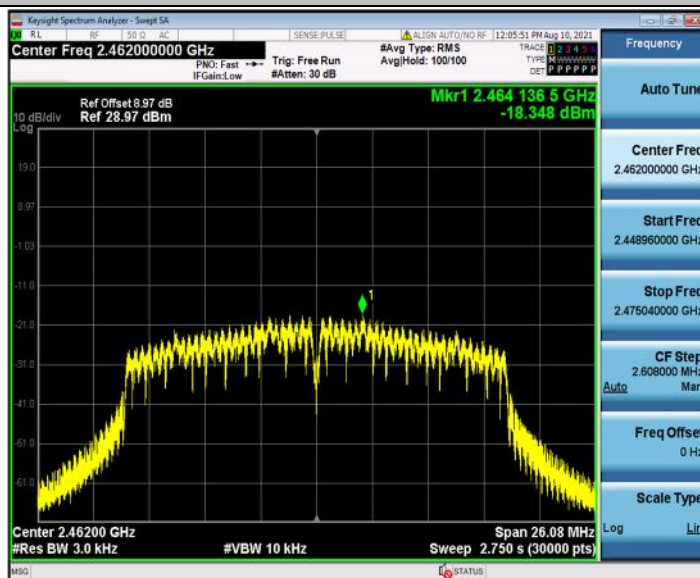
11N20SISO_Ant2_2412



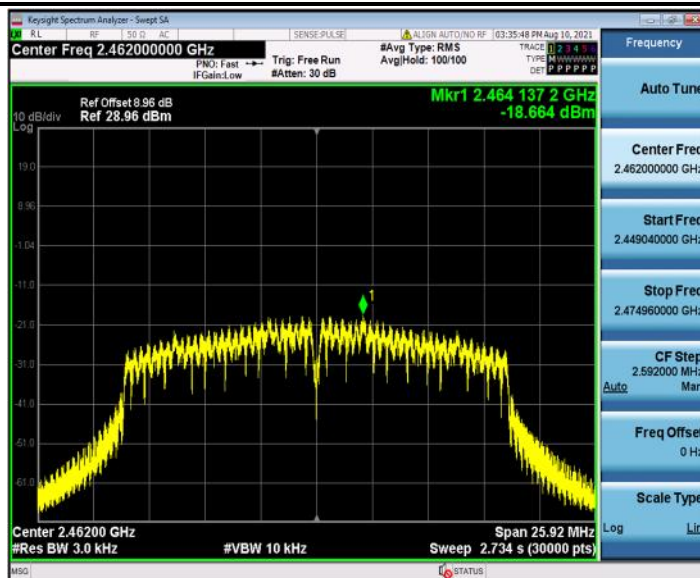
11N20SISO_Ant1_2437



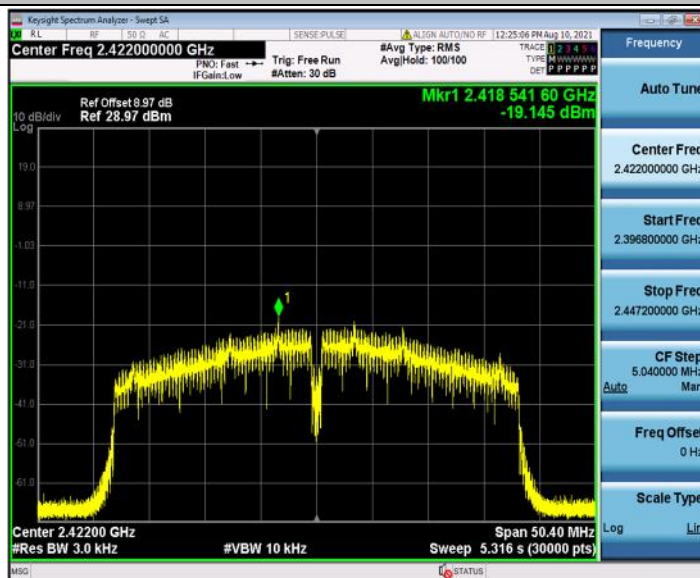
11N20SISO_Ant2_2437



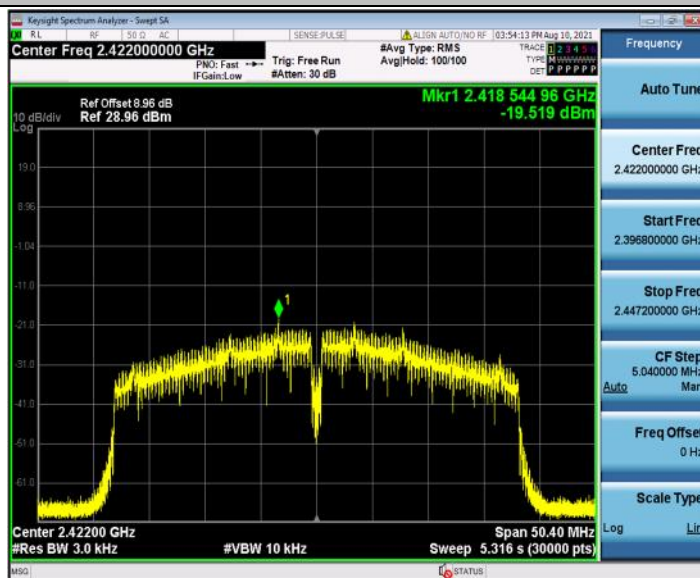
11N20SISO_Ant1_2462



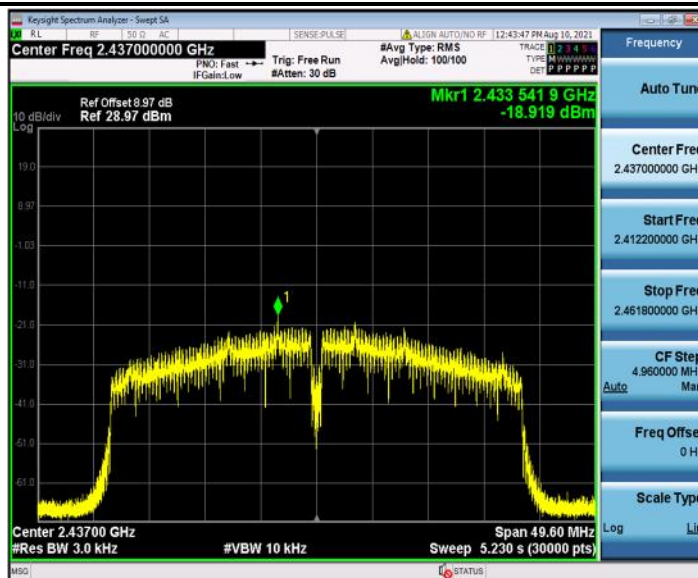
11N20SISO_Ant2_2462



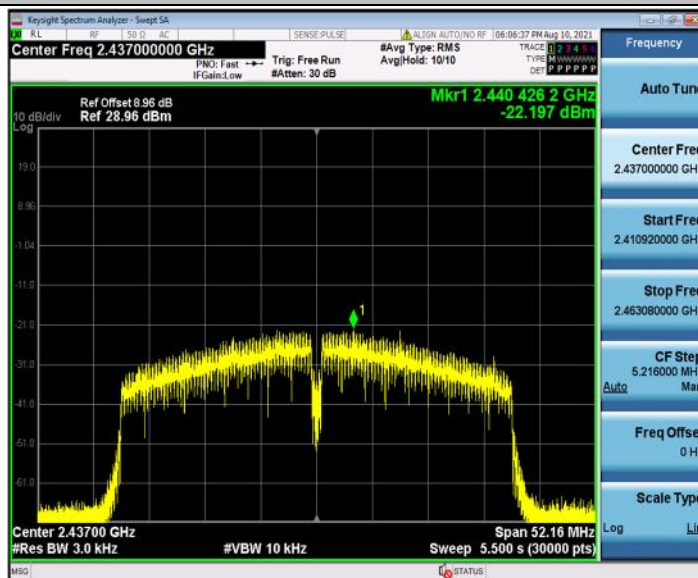
11N40SISO_Ant1_2422



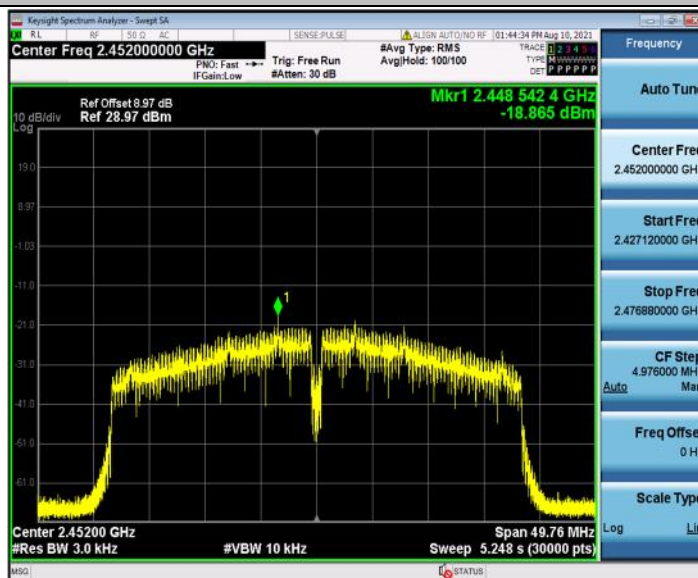
11N40SISO_Ant2_2422



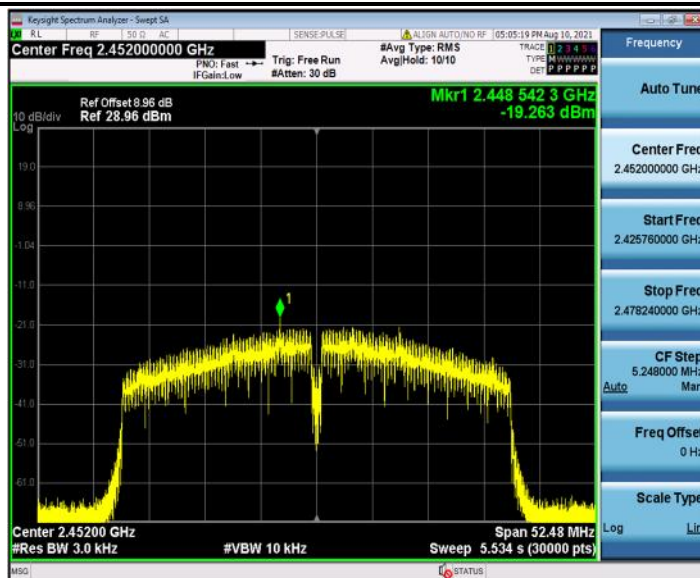
11N40SISO_Ant1_2437



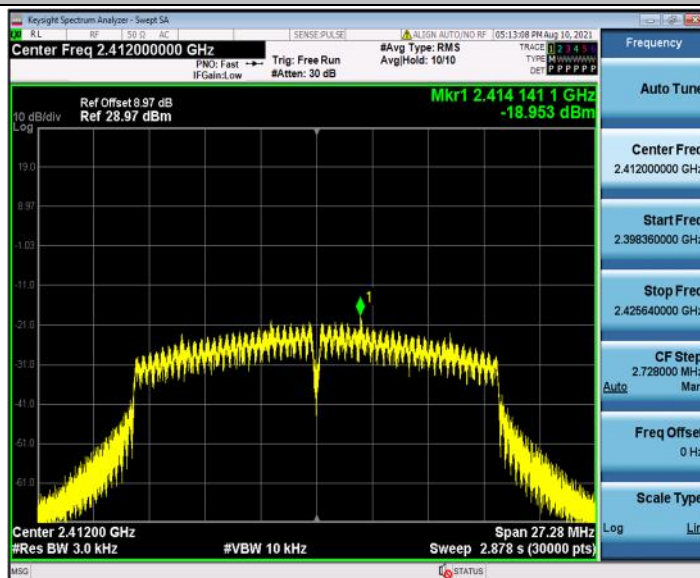
11N40SISO_Ant2_2437



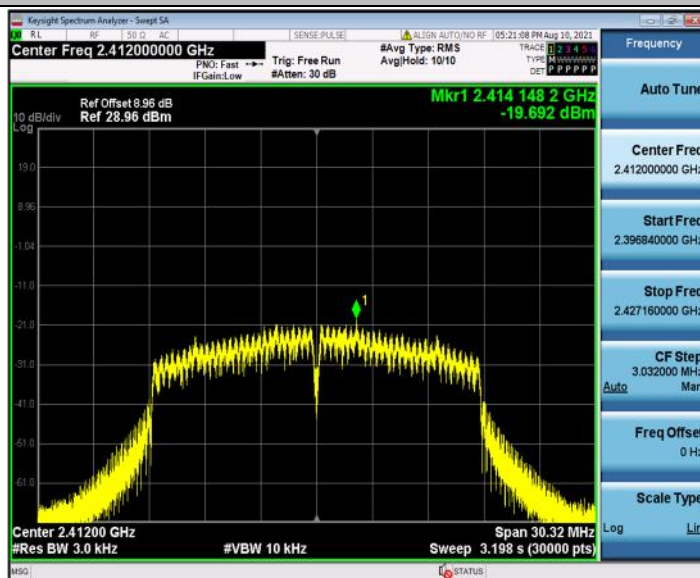
11N40SISO_Ant1_2452



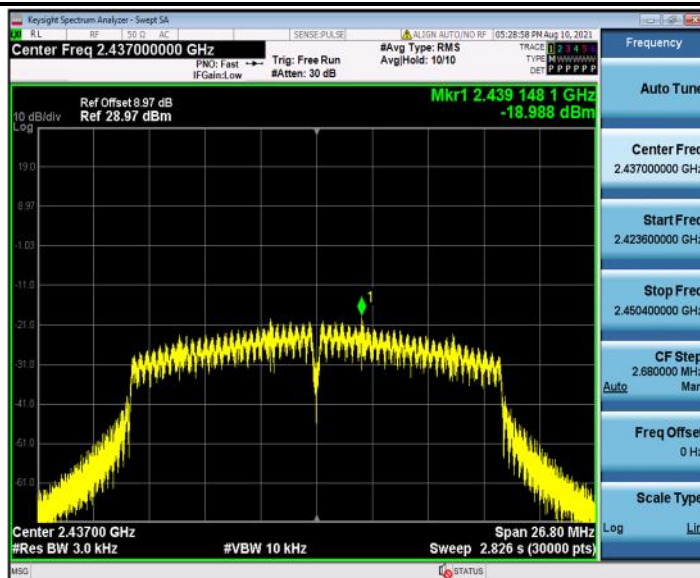
11N40SISO_Ant2_2452



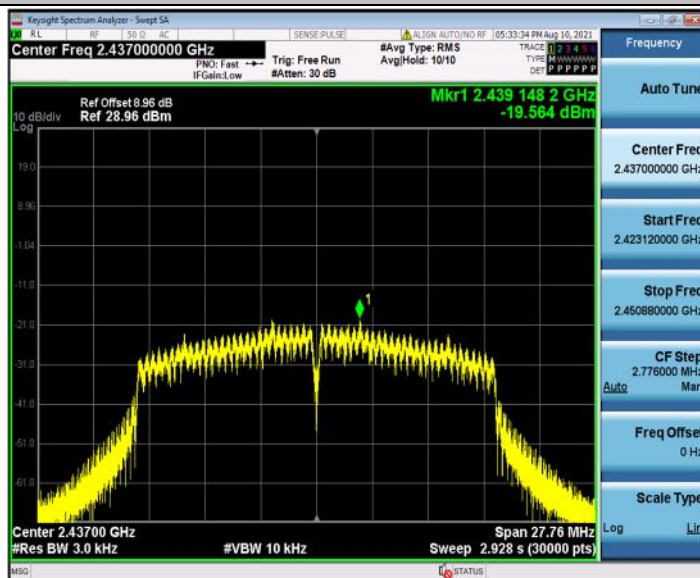
11N20MIMO_Ant1_2412



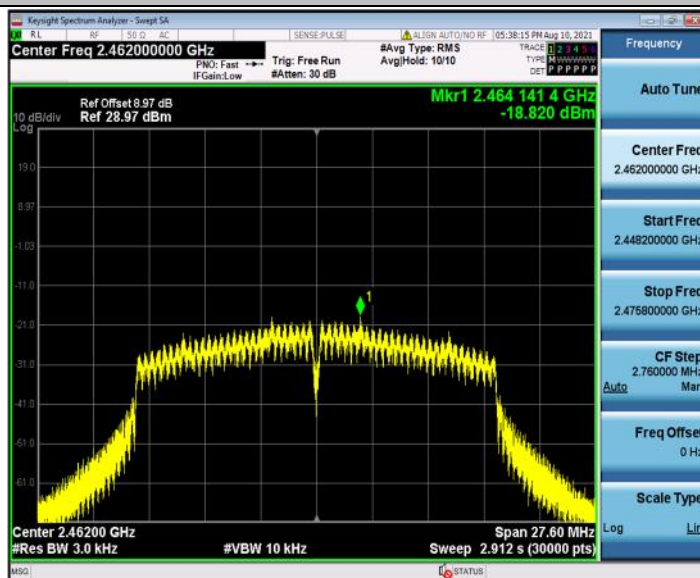
11N20MIMO_Ant2_2412



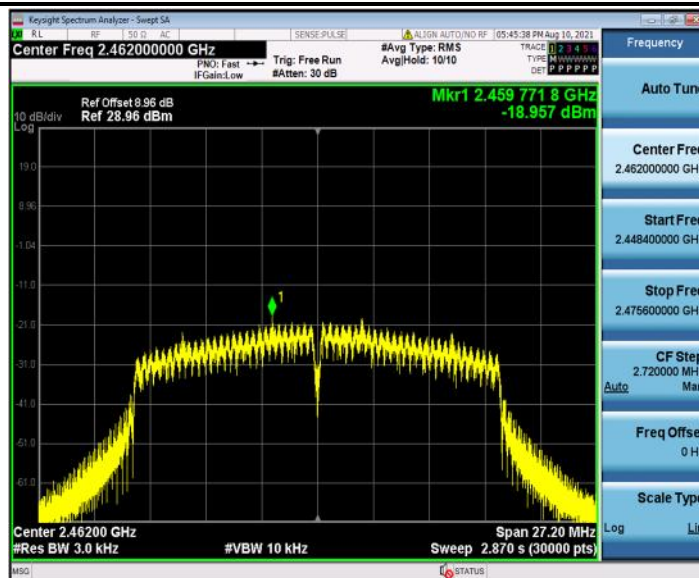
11N20MIMO_Ant1_2437



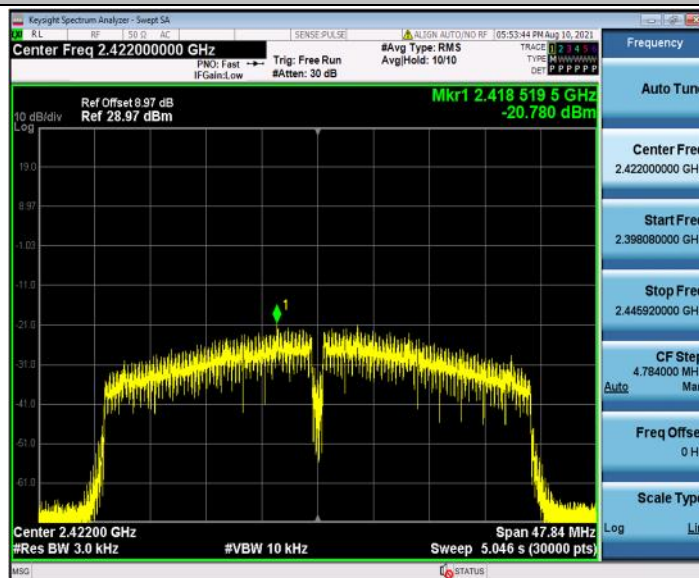
11N20MIMO_Ant2_2437



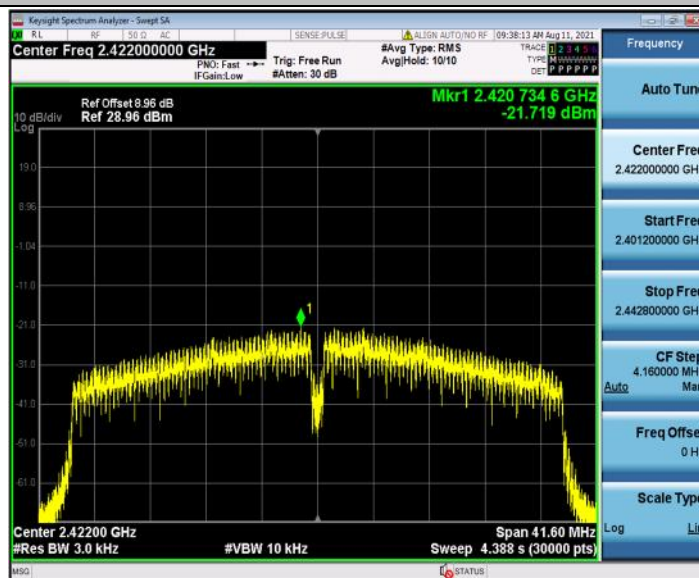
11N20MIMO_Ant1_2462



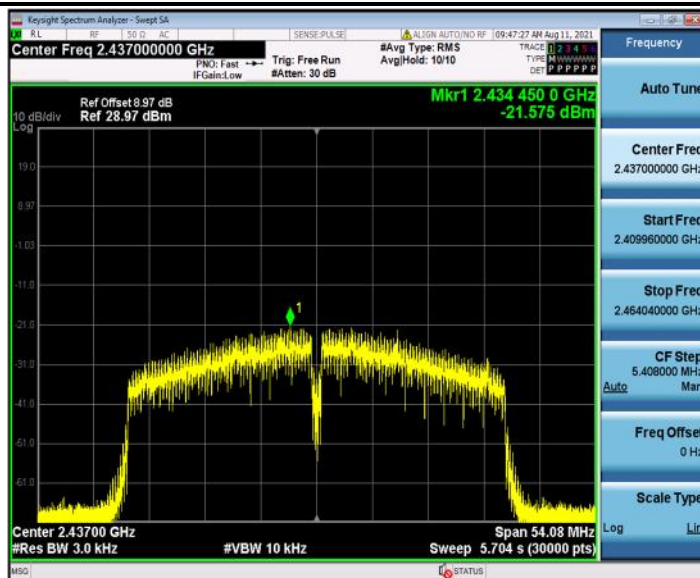
11N20MIMO_Ant2_2462



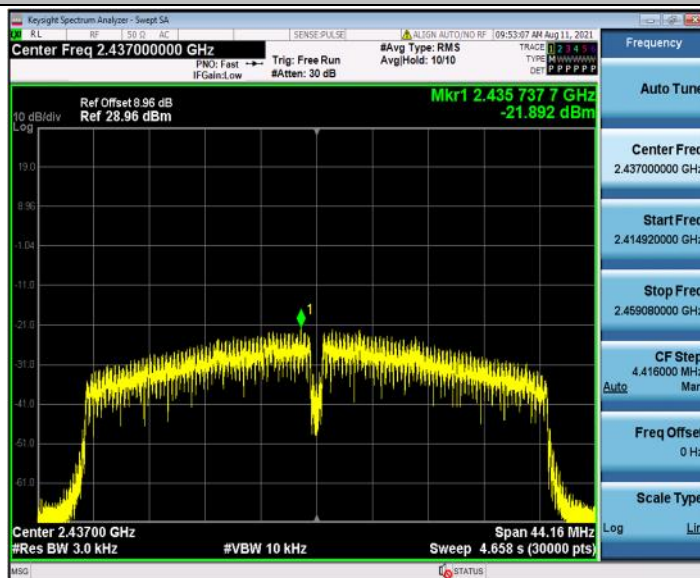
11N40MIMO_Ant1_2422



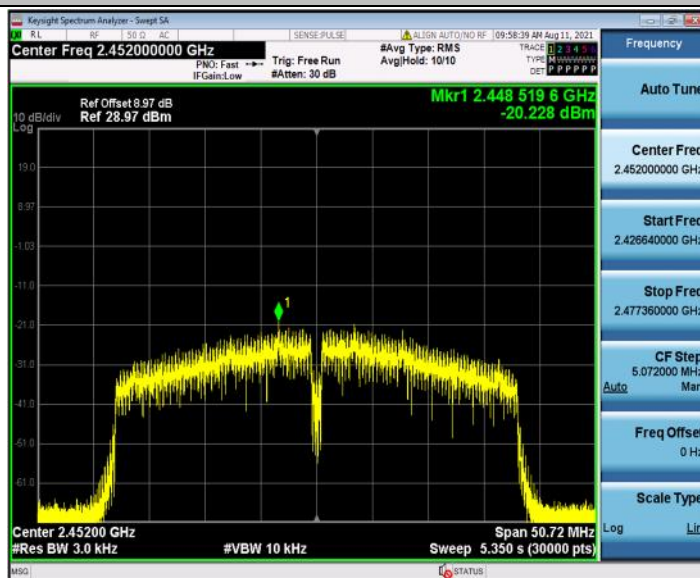
11N40MIMO_Ant2_2422



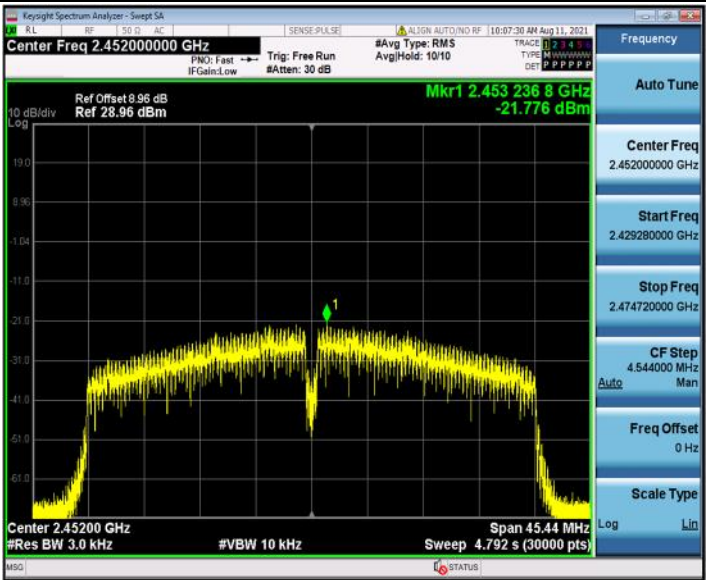
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



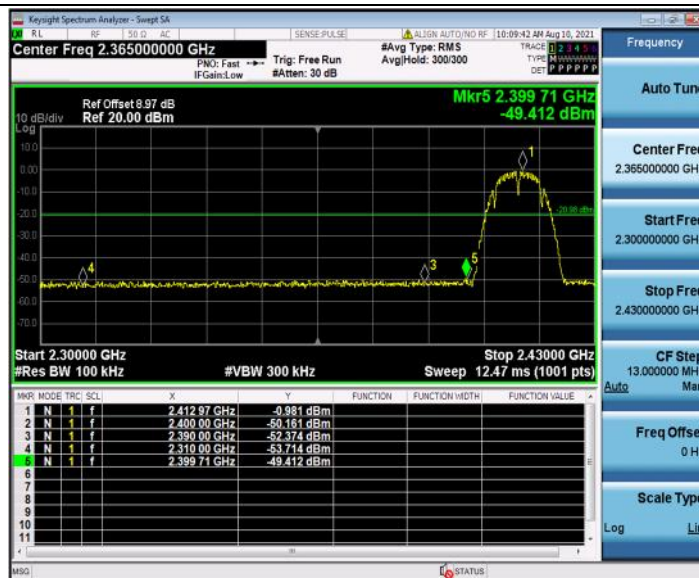
11N40MIMO_Ant2_2452

Appendix E: Band edge measurements

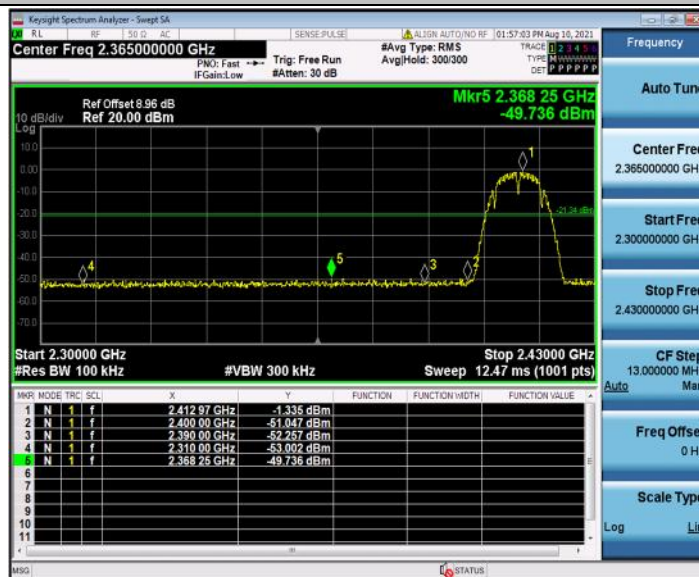
Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-0.98	-49.41	<=-20.98	PASS
	Ant2	Low	2412	-1.34	-49.74	<=-21.34	PASS
	Ant1	High	2462	-0.46	-48.32	<=-20.46	PASS
	Ant2	High	2462	-0.78	-48.75	<=-20.78	PASS
11G	Ant1	Low	2412	-5.21	-45.08	<=-25.21	PASS
	Ant2	Low	2412	-5.40	-46.4	<=-25.4	PASS
	Ant1	High	2462	-4.65	-48.87	<=-24.65	PASS
	Ant2	High	2462	-4.78	-49.20	<=-24.78	PASS
11N20SISO	Ant1	Low	2412	-5.03	-43.98	<=-25.03	PASS
	Ant2	Low	2412	-5.20	-44.81	<=-25.2	PASS
	Ant1	High	2462	-4.45	-49.22	<=-24.45	PASS
	Ant2	High	2462	-4.53	-48.78	<=-24.53	PASS
11N40SISO	Ant1	Low	2422	-7.72	-49.53	<=-27.72	PASS
	Ant2	Low	2422	-7.94	-49.54	<=-27.94	PASS
	Ant1	High	2452	-7.61	-49.48	<=-27.61	PASS
	Ant2	High	2452	-7.73	-49.46	<=-27.73	PASS
11N20MIMO	Ant1	Low	2412	-5.62	-45.08	<=-25.62	PASS
	Ant2	Low	2412	-4.97	-45.32	<=-24.97	PASS
	Ant1	High	2462	-5.04	-49.12	<=-25.04	PASS
	Ant2	High	2462	-4.44	-48.89	<=-24.44	PASS
11N40MIMO	Ant1	Low	2422	-8.12	-49.56	<=-28.12	PASS
	Ant2	Low	2422	-6.76	-49.97	<=-26.76	PASS
	Ant1	High	2452	-8.11	-49.44	<=-28.11	PASS
	Ant2	High	2452	-6.88	-49.53	<=-26.88	PASS

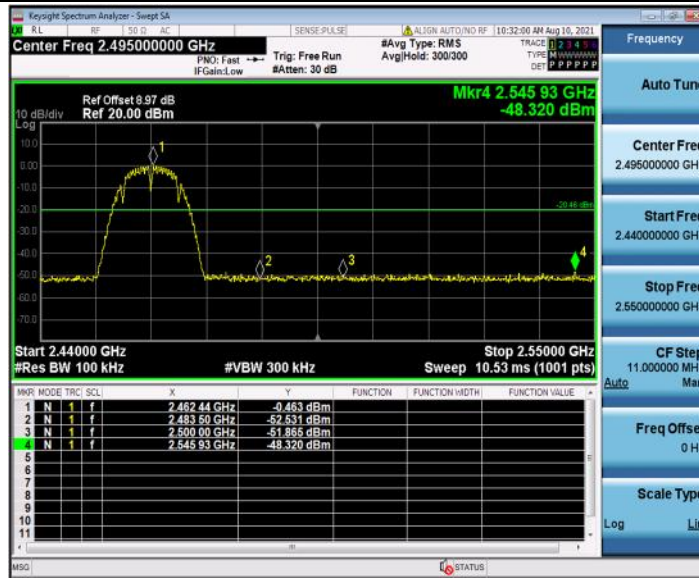
Test Graphs



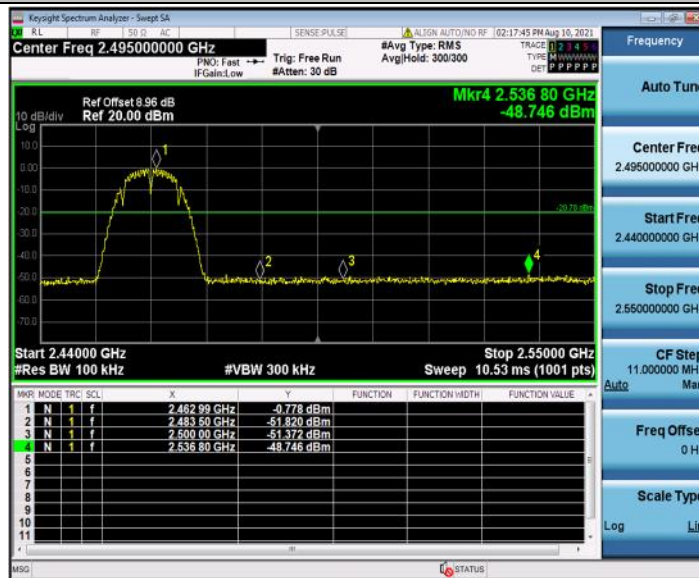
11B_Ant1_Low_2412



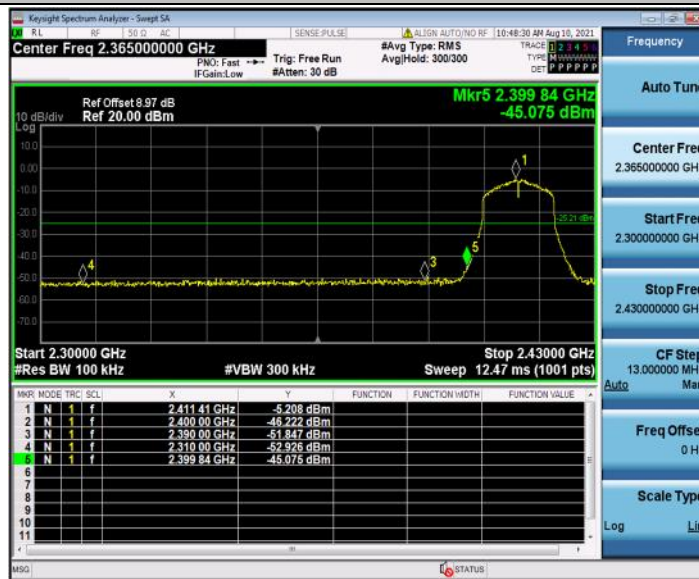
11B_Ant2_Low_2412



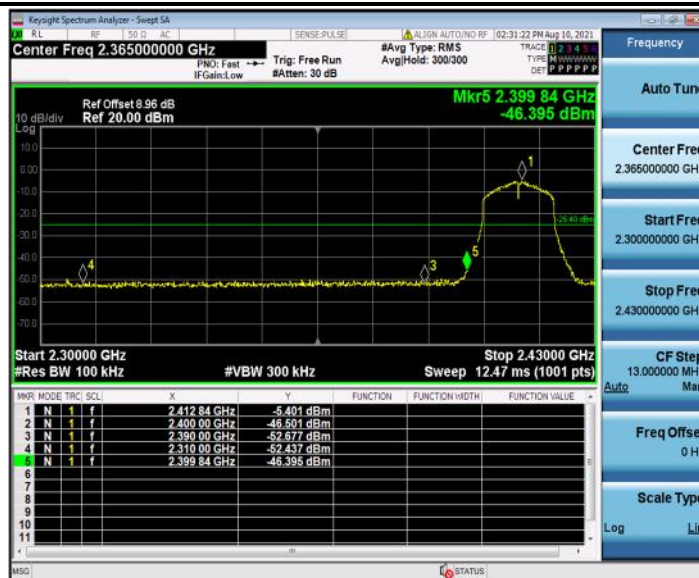
11B_Ant1_High_2462



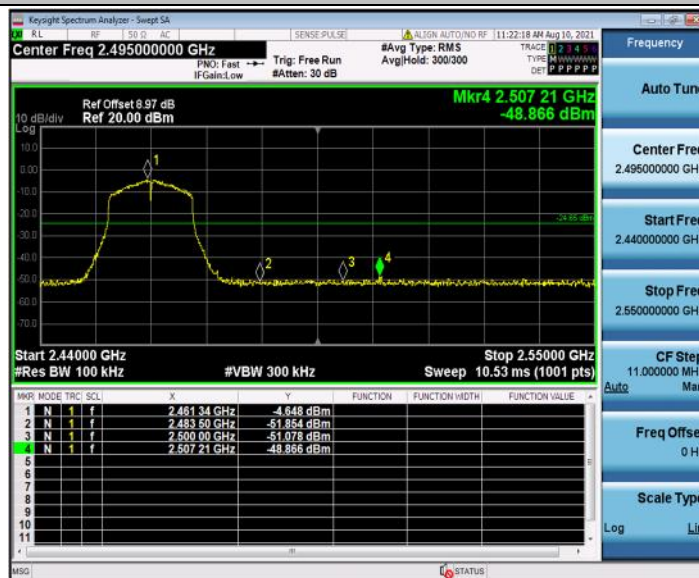
11B_Ant2_High_2462



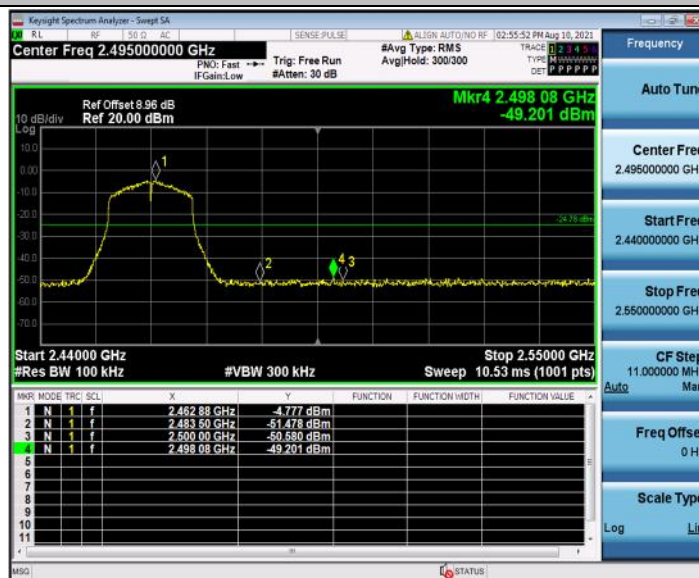
11G_Ant1_Low_2412



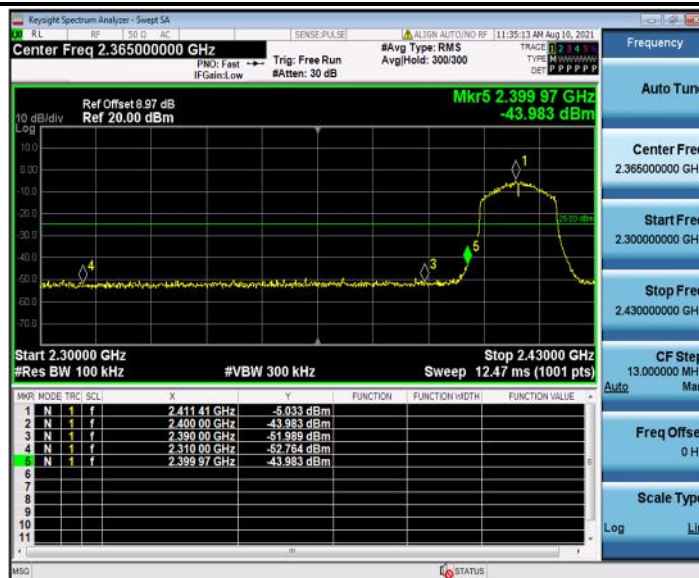
11G_Ant2_Low_2412



11G_Ant1_High_2462



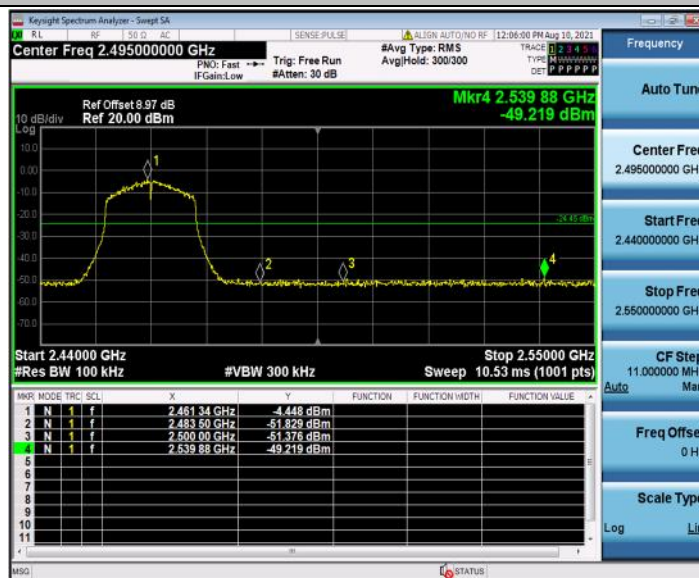
11G_Ant2_High_2462



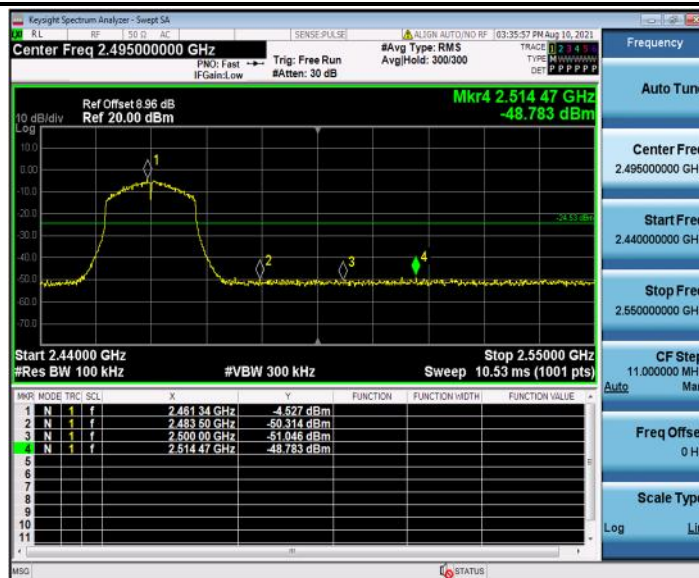
11N20SISO_Ant1_Low_2412



11N20SISO_Ant2_Low_2412



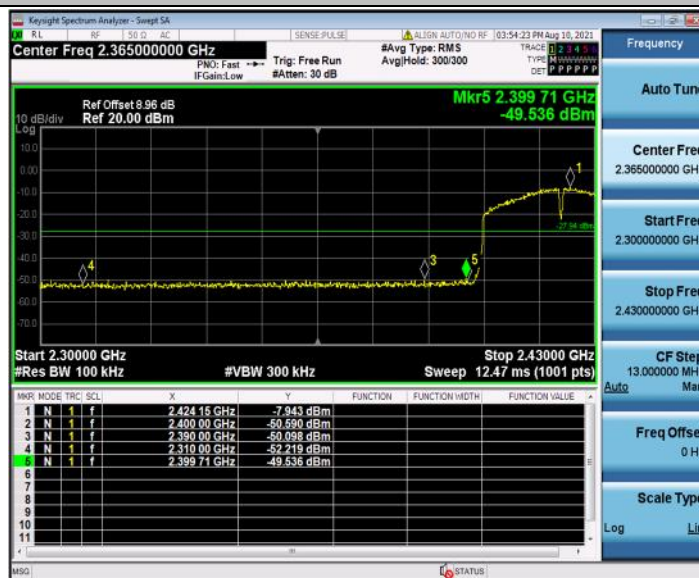
11N20SISO_Ant1_High_2462



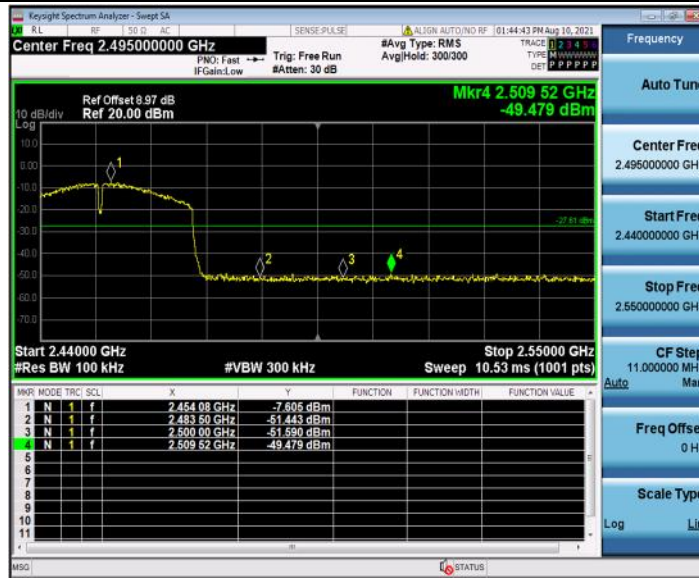
11N20SISO_Ant2_High_2462



11N40SISO_Ant1_Low_2422



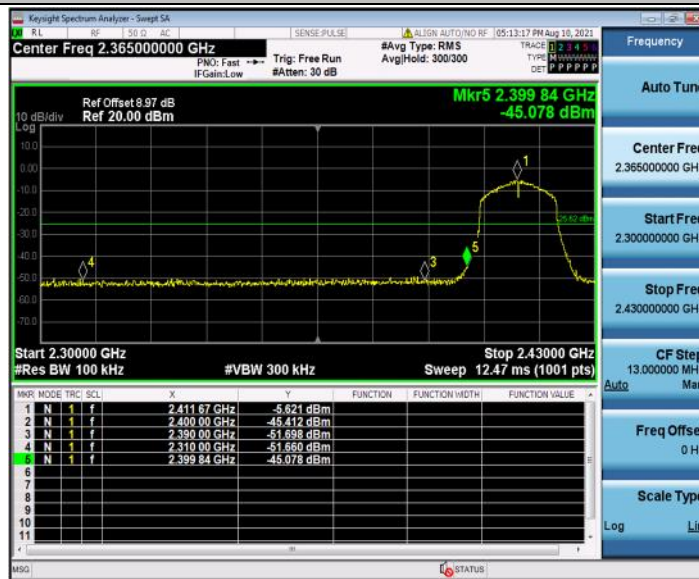
11N40SISO_Ant2_Low_2422



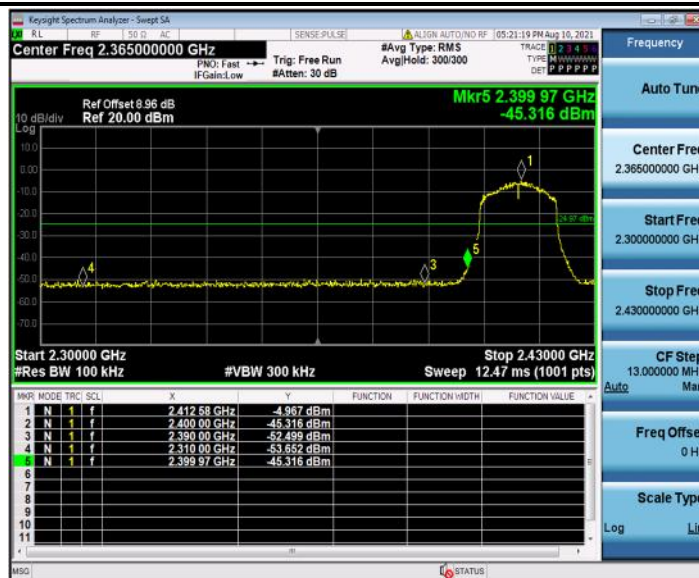
11N40SISO_Ant1_High_2452



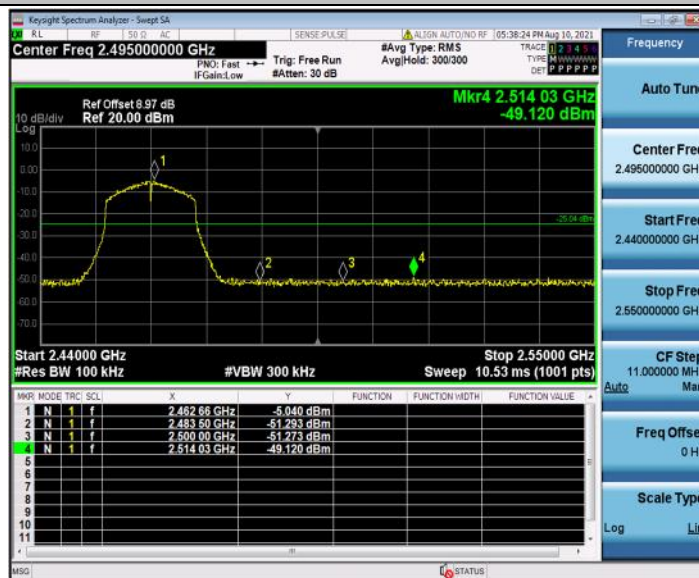
11N40SISO_Ant2_High_2452



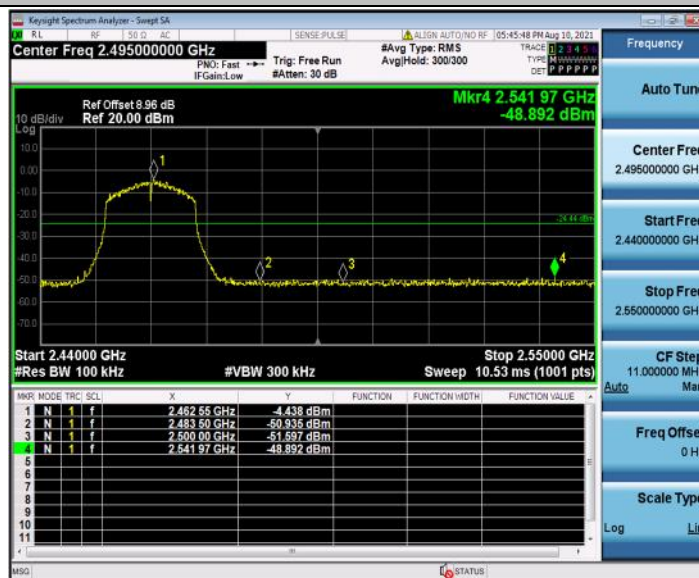
11N20MIMO_Ant1_Low_2412



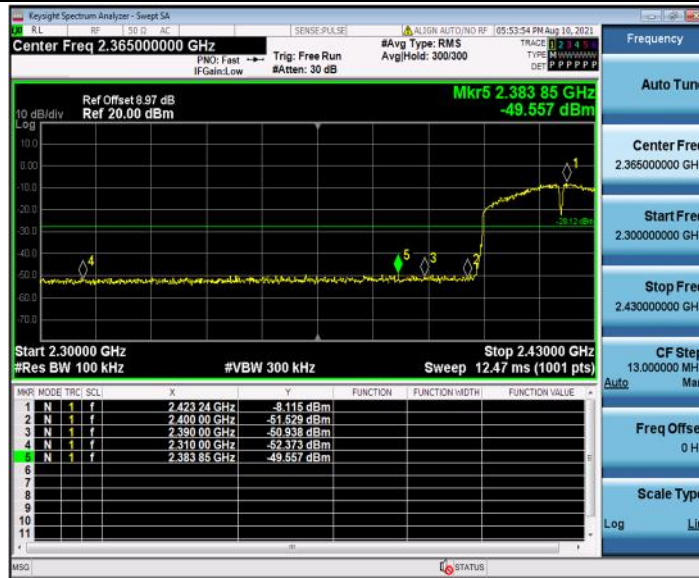
11N20MIMO_Ant2_Low_2412



11N20MIMO_Ant1_High_2462



11N20MIMO_Ant2_High_2462



11N40MIMO_Ant1_Low_2422



11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant1_High_2452



11N40MIMO_Ant2_High_2452

Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-1.12	-1.12	---	PASS
			30~3000	-1.12	-45.04	<=-21.12	PASS
			3000~26500	-1.12	-36.6	<=-21.12	PASS
	Ant2	2412	Reference	-1.35	-1.35	---	PASS
			30~3000	-1.35	-43.94	<=-21.35	PASS
			3000~26500	-1.35	-37.06	<=-21.35	PASS
	Ant1	2437	Reference	-0.75	-0.75	---	PASS
			30~3000	-0.75	-44.08	<=-20.75	PASS
			3000~26500	-0.75	-37.17	<=-20.75	PASS
	Ant2	2437	Reference	-1.16	-1.16	---	PASS
			30~3000	-1.16	-45.1	<=-21.16	PASS
			3000~26500	-1.16	-36.01	<=-21.16	PASS
	Ant1	2462	Reference	-0.66	-0.66	---	PASS
			30~3000	-0.66	-45.74	<=-20.66	PASS
			3000~26500	-0.66	-36.14	<=-20.66	PASS
	Ant2	2462	Reference	-0.83	-0.83	---	PASS
			30~3000	-0.83	-45.19	<=-20.83	PASS
			3000~26500	-0.83	-37.37	<=-20.83	PASS
11G	Ant1	2412	Reference	-5.26	-5.26	---	PASS
			30~3000	-5.26	-43.85	<=-25.26	PASS
			3000~26500	-5.26	-36.64	<=-25.26	PASS
	Ant2	2412	Reference	-5.64	-5.64	---	PASS
			30~3000	-5.64	-44.77	<=-25.64	PASS
			3000~26500	-5.64	-36.81	<=-25.64	PASS
	Ant1	2437	Reference	-4.85	-4.85	---	PASS
			30~3000	-4.85	-45.48	<=-24.85	PASS
			3000~26500	-4.85	-37.27	<=-24.85	PASS
	Ant2	2437	Reference	-5.15	-5.15	---	PASS
			30~3000	-5.15	-46.15	<=-25.15	PASS
			3000~26500	-5.15	-37.47	<=-25.15	PASS
	Ant1	2462	Reference	-4.67	-4.67	---	PASS
			30~3000	-4.67	-45.57	<=-24.67	PASS
			3000~26500	-4.67	-37.14	<=-24.67	PASS
	Ant2	2462	Reference	-4.84	-4.84	---	PASS
			30~3000	-4.84	-47.64	<=-24.84	PASS
			3000~26500	-4.84	-37.17	<=-24.84	PASS
11N20SISO	Ant1	2412	Reference	-5.47	-5.47	---	PASS
			30~3000	-5.47	-44.49	<=-25.47	PASS

		2412	3000~26500	-5.47	-36.83	<=-25.47	PASS
			Reference	-5.51	-5.51	---	PASS
			30~3000	-5.51	-44.72	<=-25.51	PASS
		2437	3000~26500	-5.51	-37.22	<=-25.51	PASS
			Reference	-4.84	-4.84	---	PASS
			30~3000	-4.84	-45.15	<=-24.84	PASS
		2437	3000~26500	-4.84	-37.12	<=-24.84	PASS
			Reference	-4.94	-4.94	---	PASS
			30~3000	-4.94	-45.63	<=-24.94	PASS
		2462	3000~26500	-4.94	-37.03	<=-24.94	PASS
			Reference	-4.79	-4.79	---	PASS
			30~3000	-4.79	-45.74	<=-24.79	PASS
		2462	3000~26500	-4.79	-36.26	<=-24.79	PASS
			Reference	-4.99	-4.99	---	PASS
			30~3000	-4.99	-47.07	<=-24.99	PASS
11N40SISO		2422	3000~26500	-4.99	-37.05	<=-24.99	PASS
			Reference	-8.28	-8.28	---	PASS
			30~3000	-8.28	-45.55	<=-28.28	PASS
		2422	3000~26500	-8.28	-36.05	<=-28.28	PASS
			Reference	-7.99	-7.99	---	PASS
			30~3000	-7.99	-44.68	<=-27.99	PASS
		2437	3000~26500	-7.99	-37.34	<=-27.99	PASS
			Reference	-8.03	-8.03	---	PASS
			30~3000	-8.03	-45.15	<=-28.03	PASS
		2437	3000~26500	-8.03	-37	<=-28.03	PASS
			Reference	-8.81	-8.81	---	PASS
			30~3000	-8.81	-46.28	<=-28.81	PASS
		2452	3000~26500	-8.81	-36.91	<=-28.81	PASS
			Reference	-7.83	-7.83	---	PASS
			30~3000	-7.83	-45.29	<=-27.83	PASS
11N20MIMO		2412	3000~26500	-7.83	-37.46	<=-27.83	PASS
			Reference	-7.90	-7.90	---	PASS
			30~3000	-7.90	-46.79	<=-27.9	PASS
		2412	3000~26500	-7.90	-37.2	<=-27.9	PASS
			Reference	-5.68	-5.68	---	PASS
			30~3000	-5.68	-44.14	<=-25.68	PASS
		2437	3000~26500	-5.68	-37.49	<=-25.68	PASS
			Reference	-5.35	-5.35	---	PASS
			30~3000	-5.35	-46.64	<=-25.35	PASS
		2437	3000~26500	-5.35	-37.1	<=-25.35	PASS
			Reference	-5.41	-5.41	---	PASS
			30~3000	-5.41	-45.92	<=-25.41	PASS
		2437	3000~26500	-5.41	-37.33	<=-25.41	PASS
			Reference	-5.34	-5.34	---	PASS
			30~3000	-5.34	-45.92	<=-25.41	PASS

			30~3000	-5.34	-46.18	<=-25.34	PASS
			3000~26500	-5.34	-37.63	<=-25.34	PASS
	Ant1	2462	Reference	-5.34	-5.34	---	PASS
			30~3000	-5.34	-45.85	<=-25.34	PASS
			3000~26500	-5.34	-36.86	<=-25.34	PASS
	Ant2	2462	Reference	-4.72	-4.72	---	PASS
			30~3000	-4.72	-46.87	<=-24.72	PASS
			3000~26500	-4.72	-36.6	<=-24.72	PASS
11N40MIMO	Ant1	2422	Reference	-8.52	-8.52	---	PASS
			30~3000	-8.52	-45.89	<=-28.52	PASS
			3000~26500	-8.52	-36.62	<=-28.52	PASS
	Ant2	2422	Reference	-7.03	-7.03	---	PASS
			30~3000	-7.03	-45.87	<=-27.03	PASS
			3000~26500	-7.03	-37.93	<=-27.03	PASS
	Ant1	2437	Reference	-8.23	-8.23	---	PASS
			30~3000	-8.23	-45.36	<=-28.23	PASS
			3000~26500	-8.23	-37.19	<=-28.23	PASS
	Ant2	2437	Reference	-7.19	-7.19	---	PASS
			30~3000	-7.19	-46.88	<=-27.19	PASS
			3000~26500	-7.19	-36.67	<=-27.19	PASS
	Ant1	2452	Reference	-8.26	-8.26	---	PASS
			30~3000	-8.26	-45.55	<=-28.26	PASS
			3000~26500	-8.26	-36.39	<=-28.26	PASS
	Ant2	2452	Reference	-6.87	-6.87	---	PASS
			30~3000	-6.87	-46.93	<=-26.87	PASS
			3000~26500	-6.87	-35.9	<=-26.87	PASS

Test Graphs



11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~3000



11B_Ant1_2412_3000~26500



11B_Ant2_2412_0~Reference



11B_Ant2_2412_30~3000



11B_Ant2_2412_3000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~3000



11B_Ant1_2437_3000~26500



11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~3000