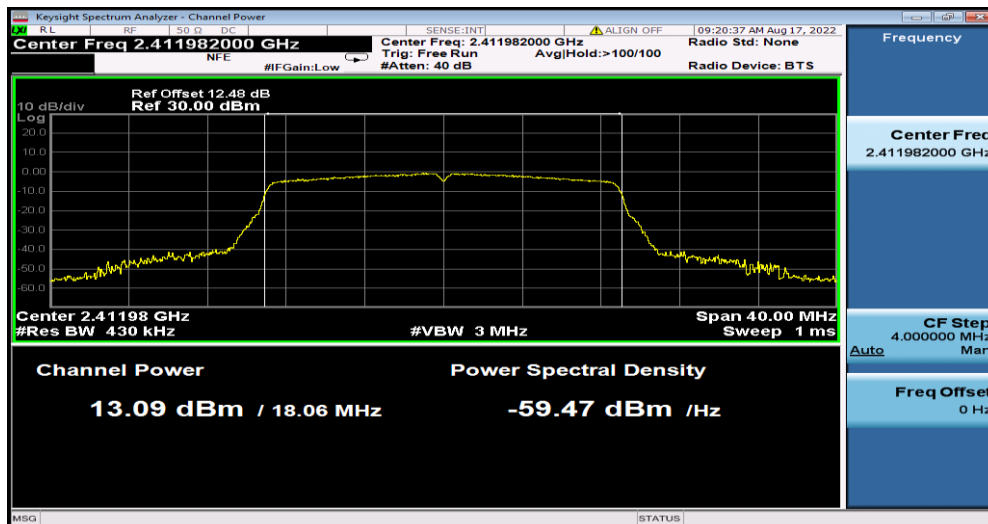
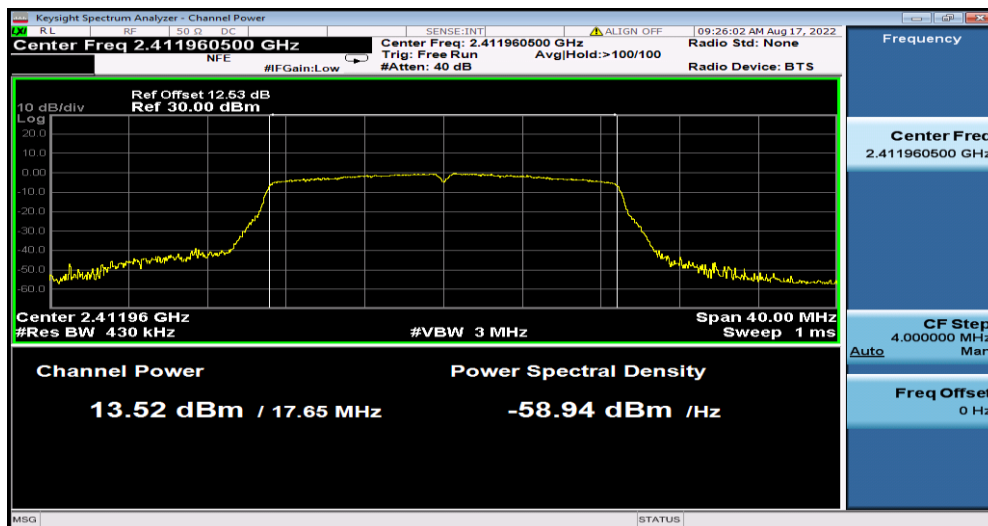
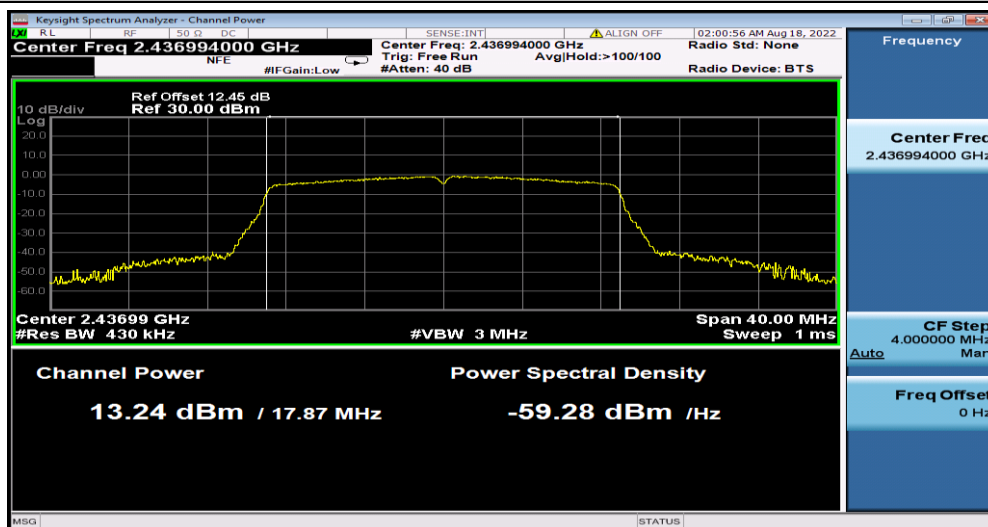




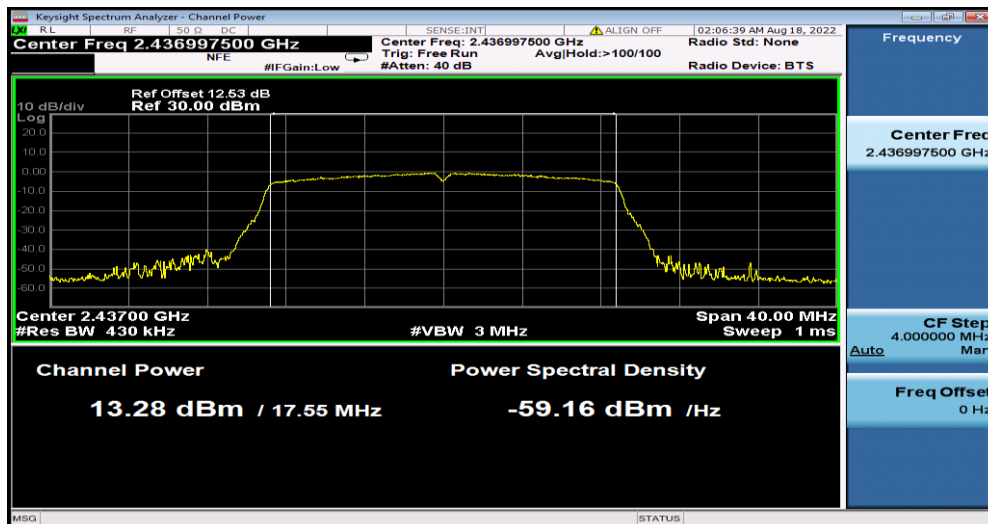
11N20MIMO_Ant1_2412



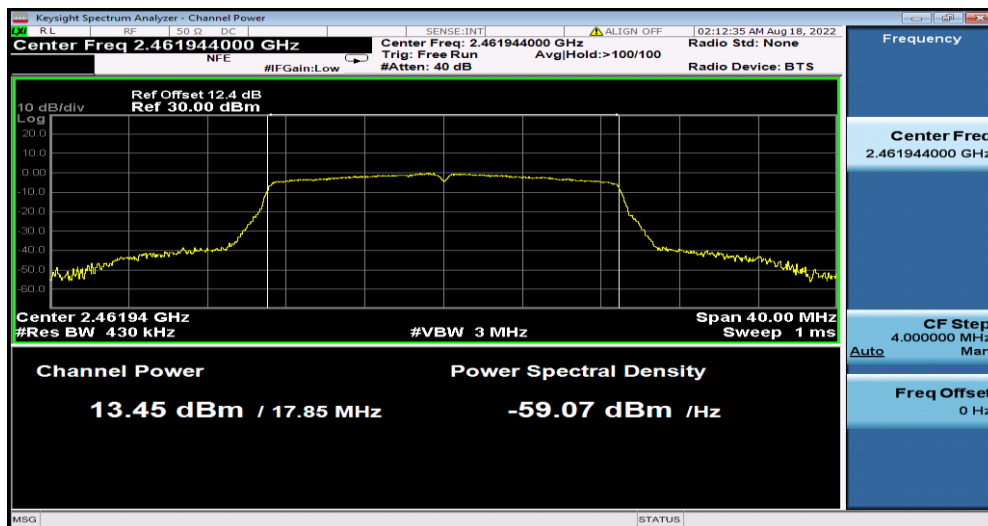
11N20MIMO_Ant2_2412



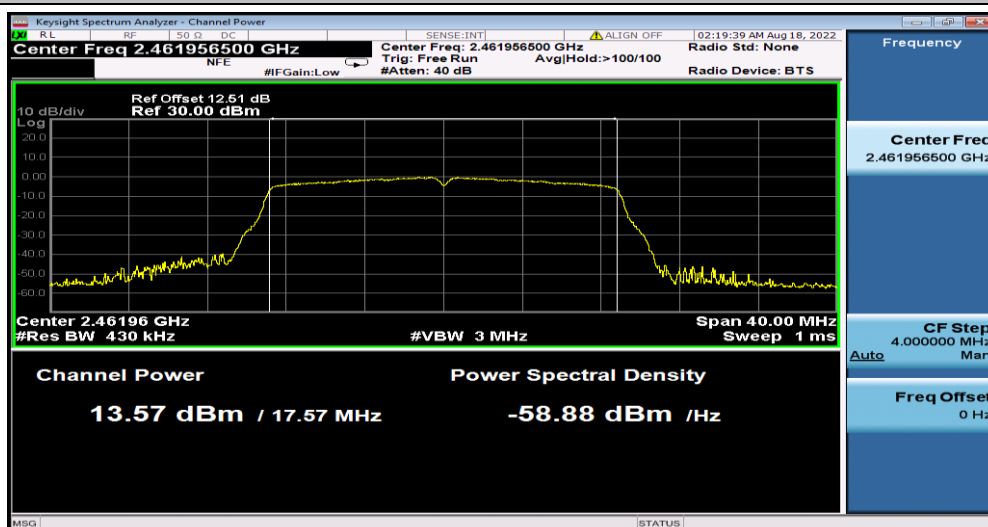
11N20MIMO_Ant1_2437



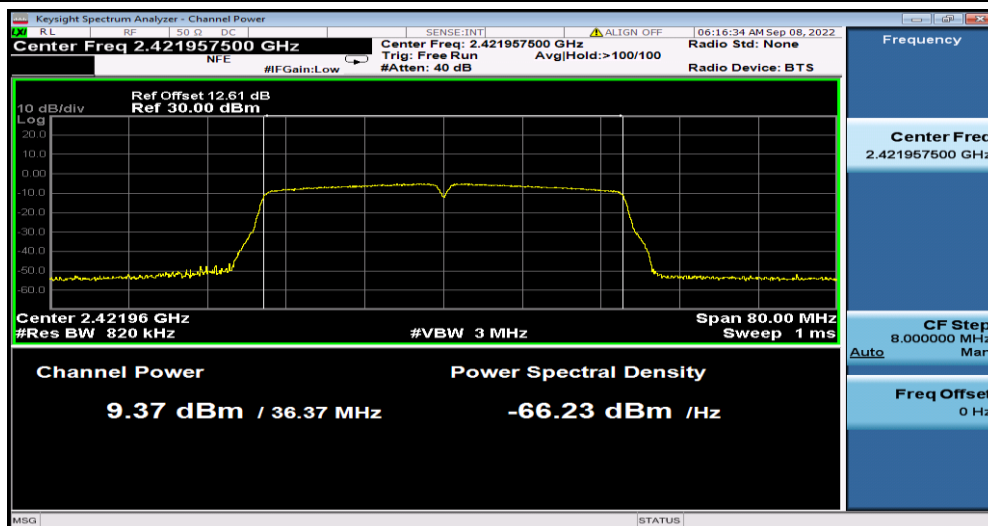
11N20MIMO_Ant2_2437



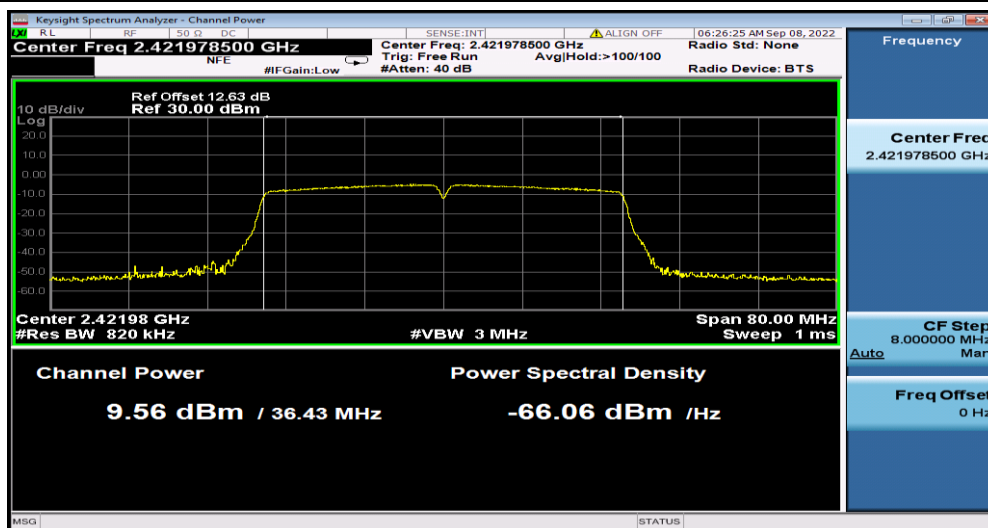
11N20MIMO_Ant1_2462



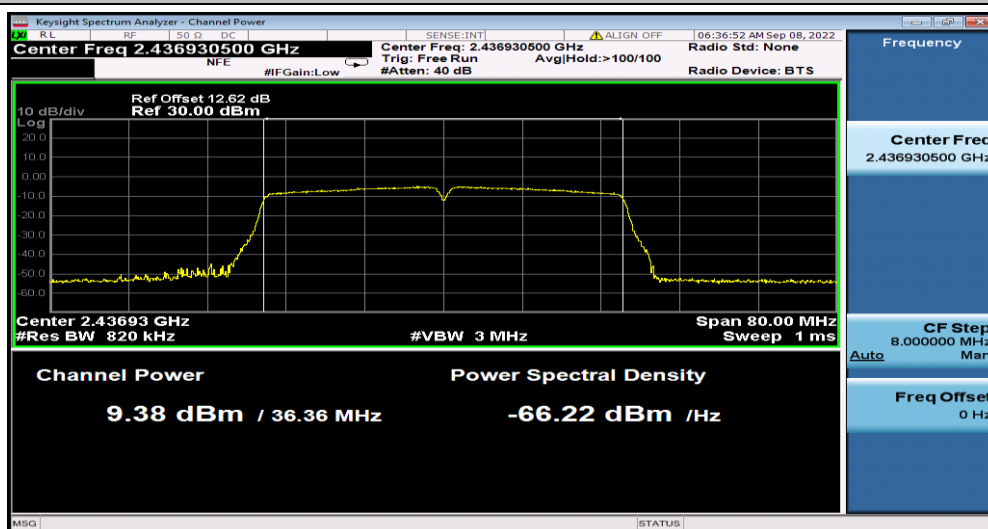
11N20MIMO_Ant2_2462



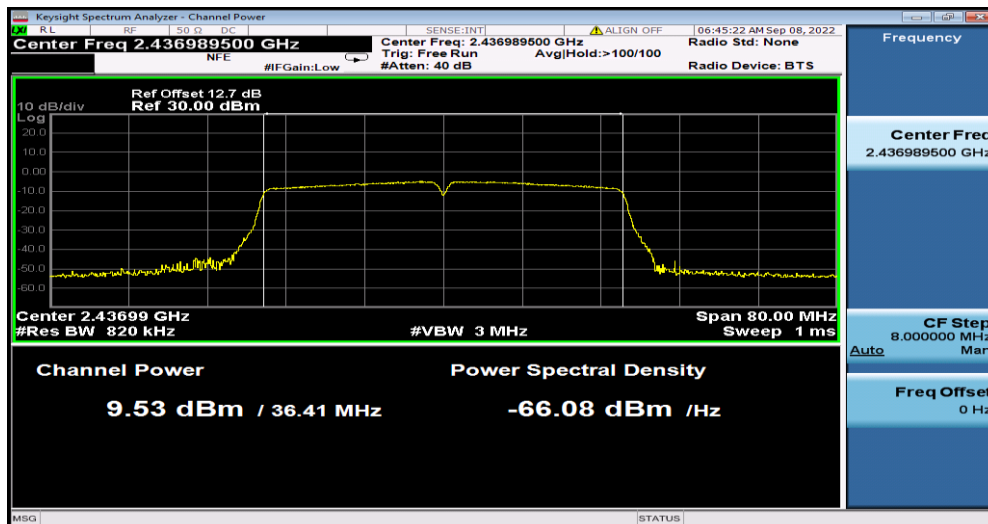
11N40MIMO_Ant1_2422



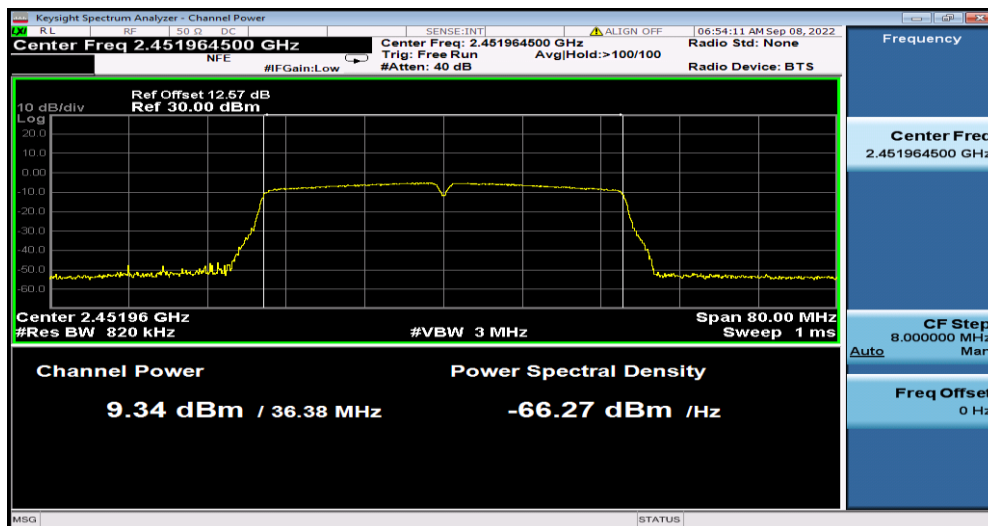
11N40MIMO_Ant2_2422



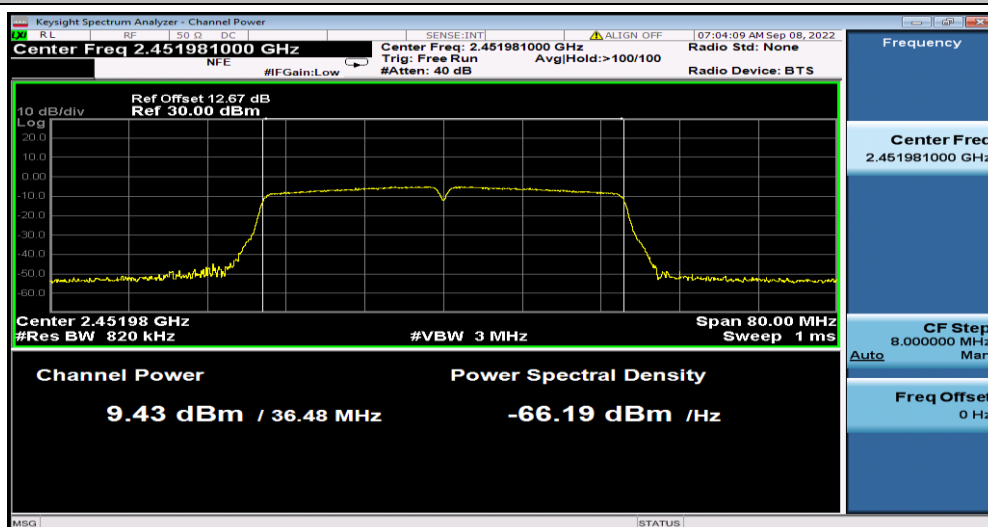
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452

Maximum conducted output power

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.96	≤8.00	PASS
	Ant2	2412	-14.04	≤8.00	PASS
	Ant1	2437	-16.03	≤8.00	PASS
	Ant2	2437	-15.14	≤8.00	PASS
	Ant1	2462	-11.16	≤8.00	PASS
	Ant2	2462	-14.17	≤8.00	PASS
11G	Ant1	2412	-18.7	≤8.00	PASS
	Ant2	2412	-18.65	≤8.00	PASS
	Ant1	2437	-18.65	≤8.00	PASS
	Ant2	2437	-18.33	≤8.00	PASS
	Ant1	2462	-19.01	≤8.00	PASS
	Ant2	2462	-18.31	≤8.00	PASS
11N20MIMO	Ant1	2412	-18.98	≤8.00	PASS
	Ant2	2412	-18.25	≤8.00	PASS
	total	2412	-15.59	≤8.00	PASS
	Ant1	2437	-18.48	≤8.00	PASS
	Ant2	2437	-18.33	≤8.00	PASS
	total	2437	-15.39	≤8.00	PASS
	Ant1	2462	-18.61	≤8.00	PASS
	Ant2	2462	-18.54	≤8.00	PASS
	total	2462	-15.56	≤8.00	PASS
11N40MIMO	Ant1	2422	-25.57	≤8.00	PASS
	Ant2	2422	-24.79	≤8.00	PASS
	total	2422	-22.15	≤8.00	PASS
	Ant1	2437	-25.1	≤8.00	PASS
	Ant2	2437	-25.03	≤8.00	PASS
	total	2437	-22.05	≤8.00	PASS
	Ant1	2452	-25.05	≤8.00	PASS
	Ant2	2452	-24.69	≤8.00	PASS
	total	2452	-21.86	≤8.00	PASS

Test Graphs



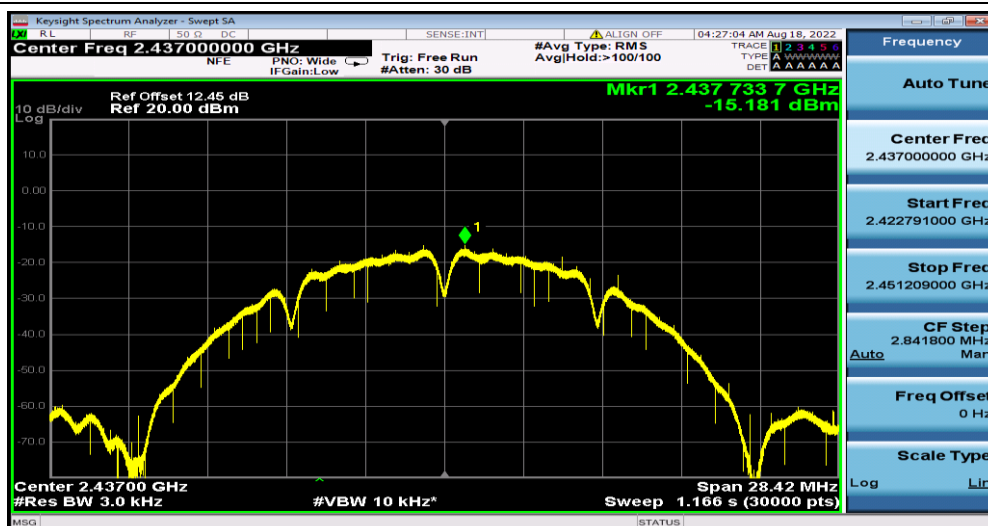
11B_Ant1_2412



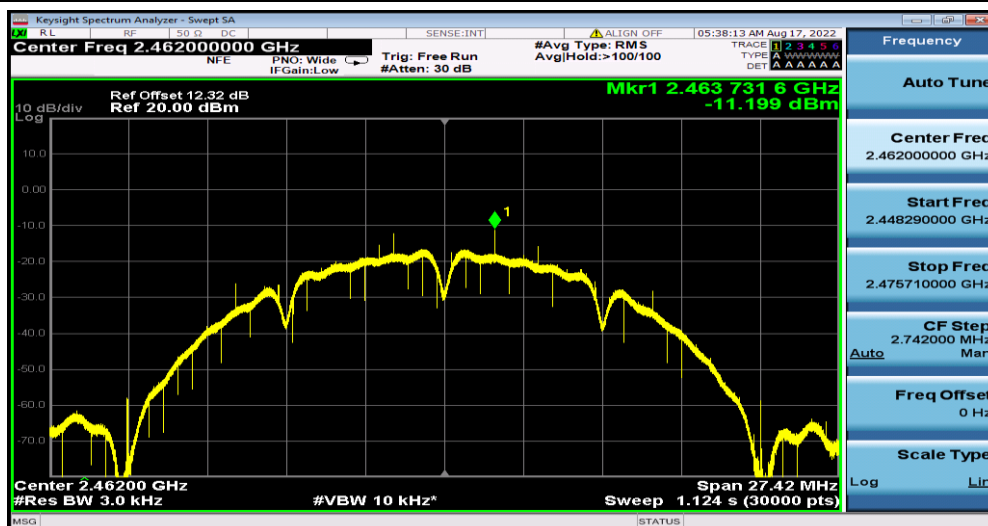
11B_Ant2_2412



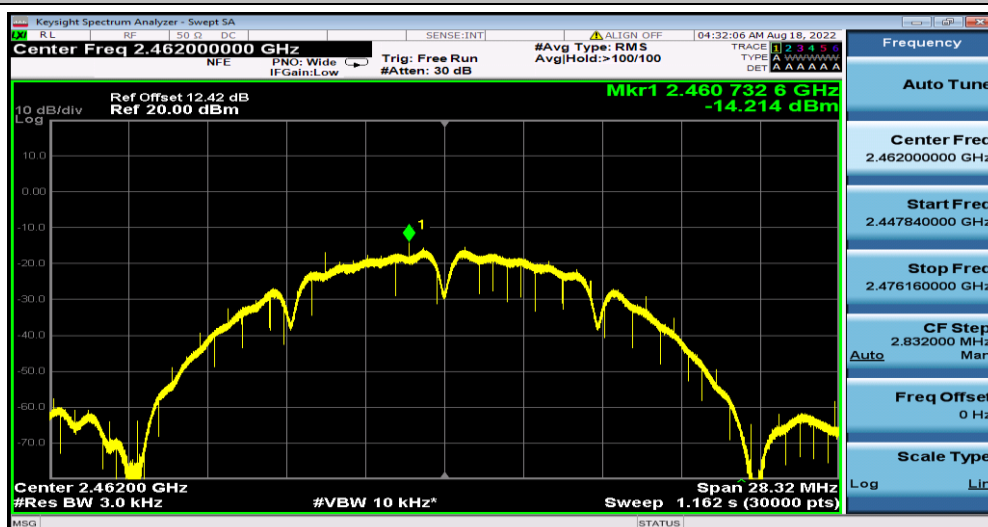
11B_Ant1_2437



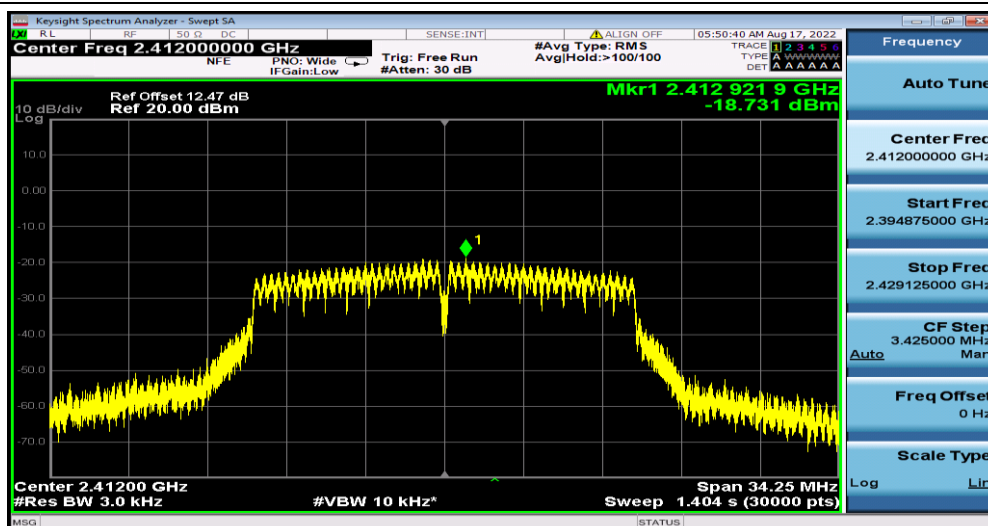
11B_Ant2_2437



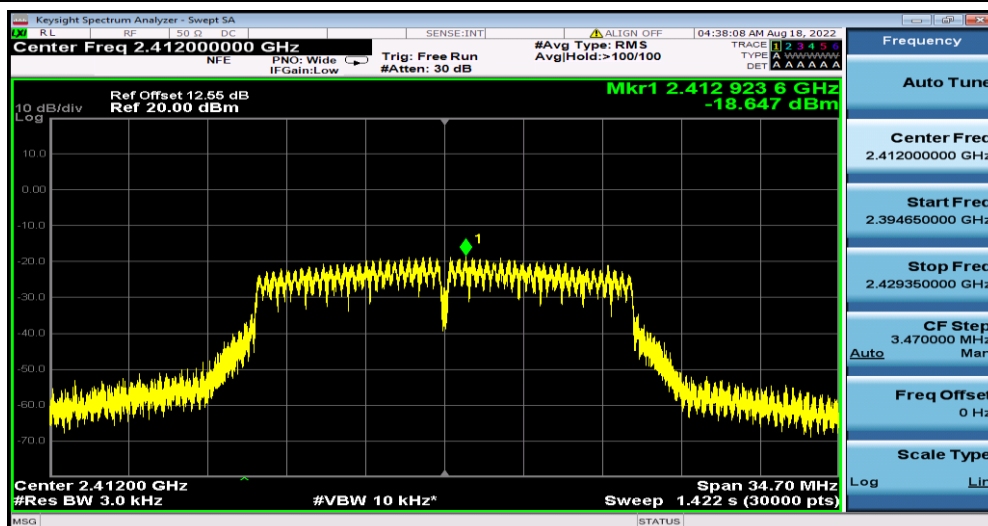
11B_Ant1_2462



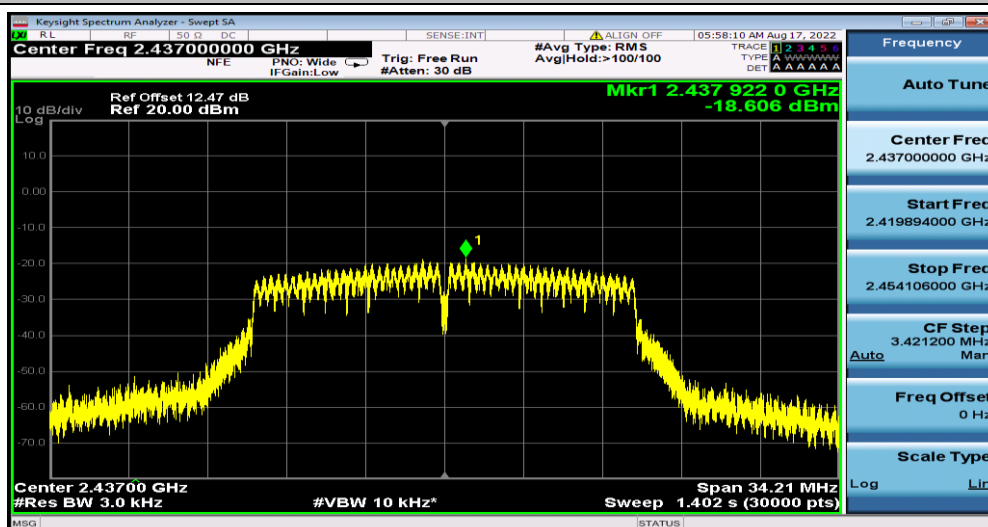
11B_Ant2_2462



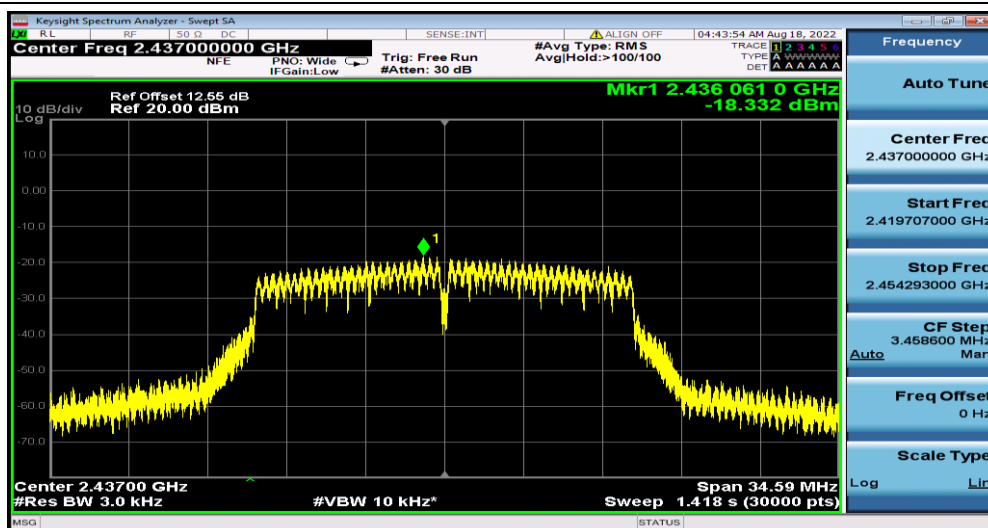
11G_Ant1_2412



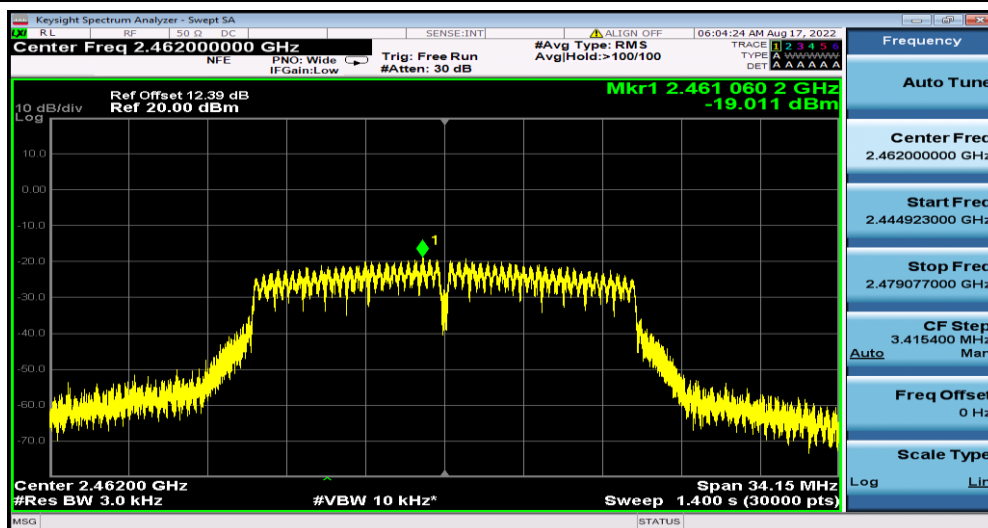
11G_Ant2_2412



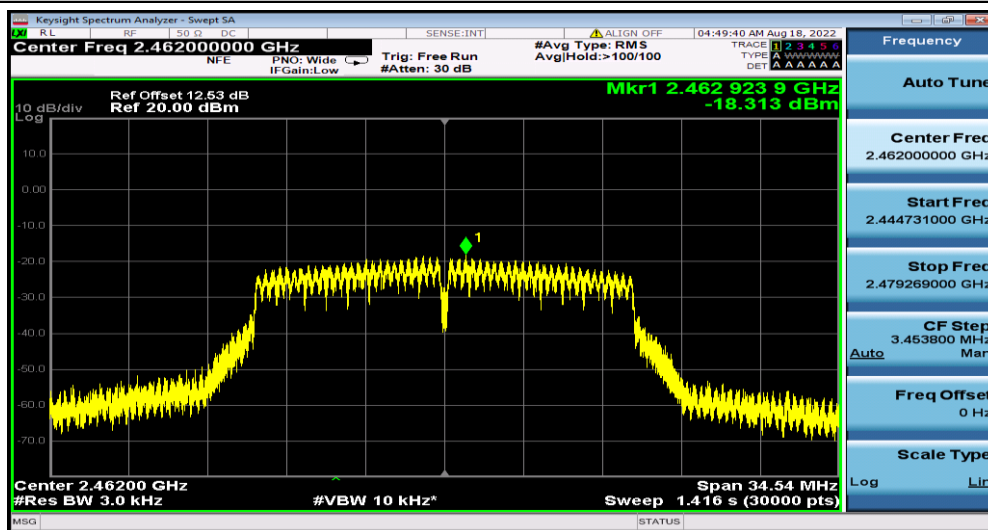
11G_Ant1_2437



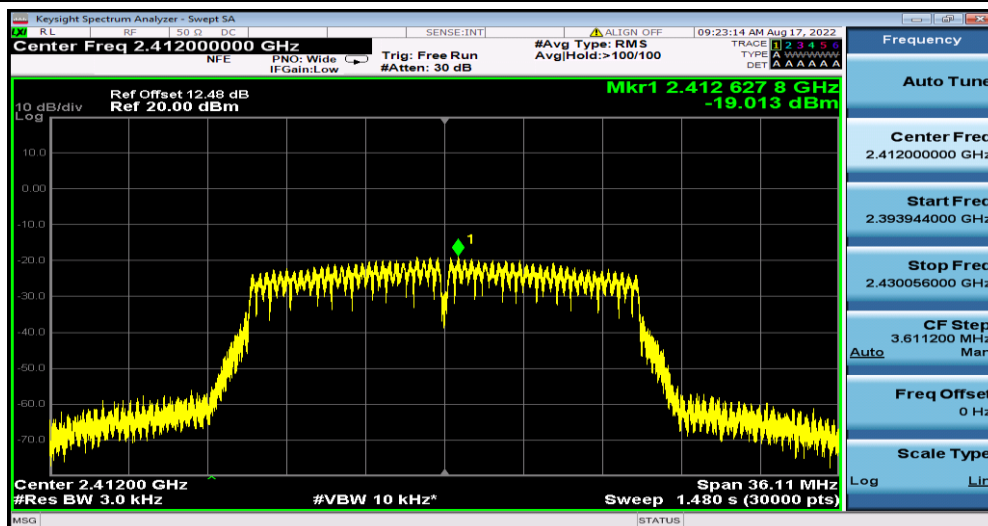
11G_Ant2_2437



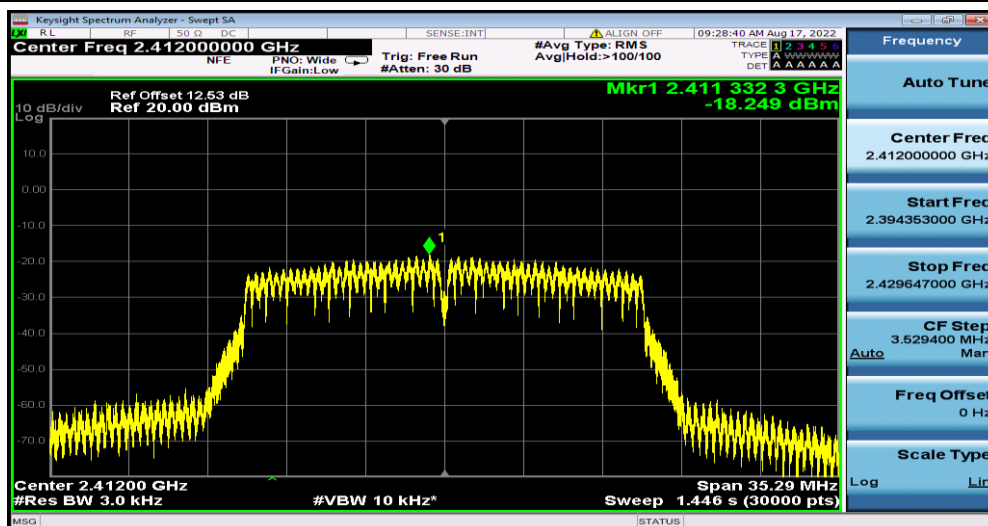
11G_Ant1_2462



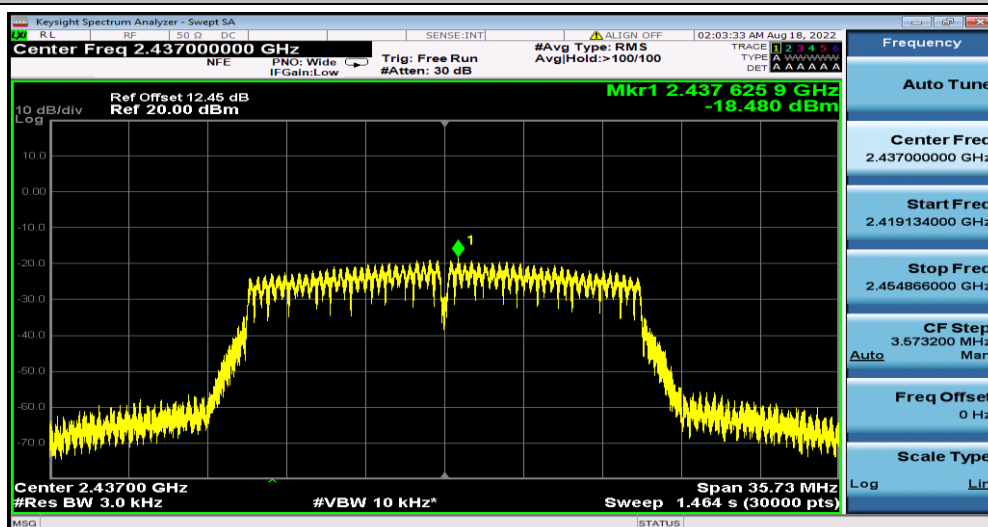
11G_Ant2_2462



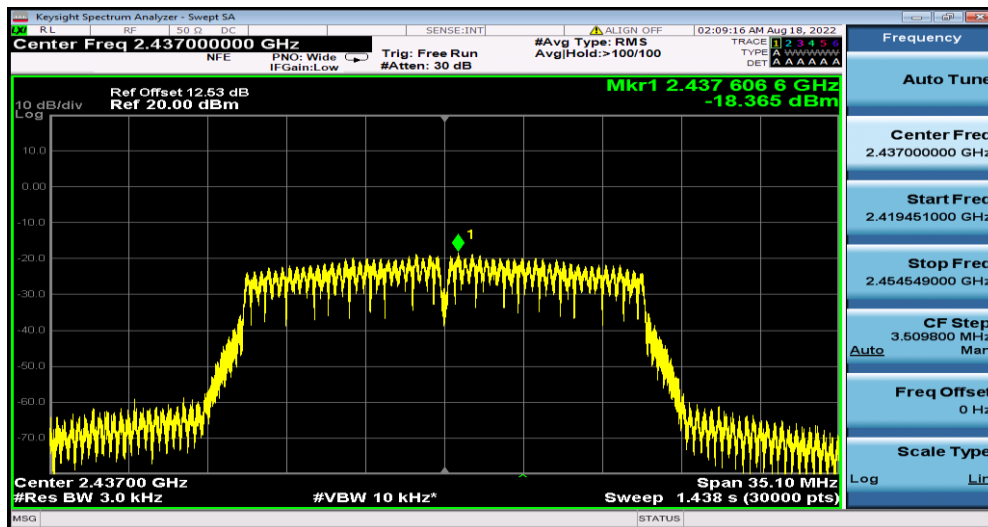
11N20MIMO_Ant1_2412



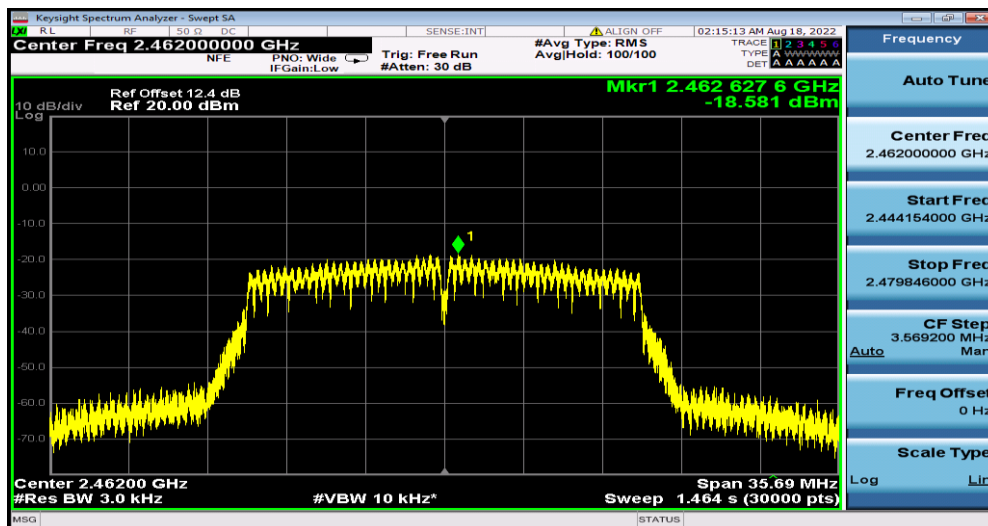
11N20MIMO_Ant2_2412



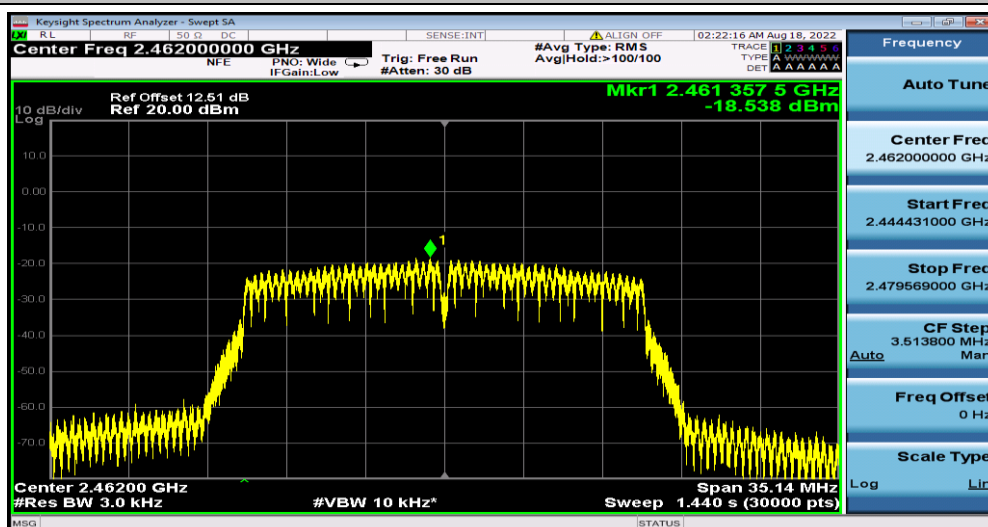
11N20MIMO_Ant1_2437



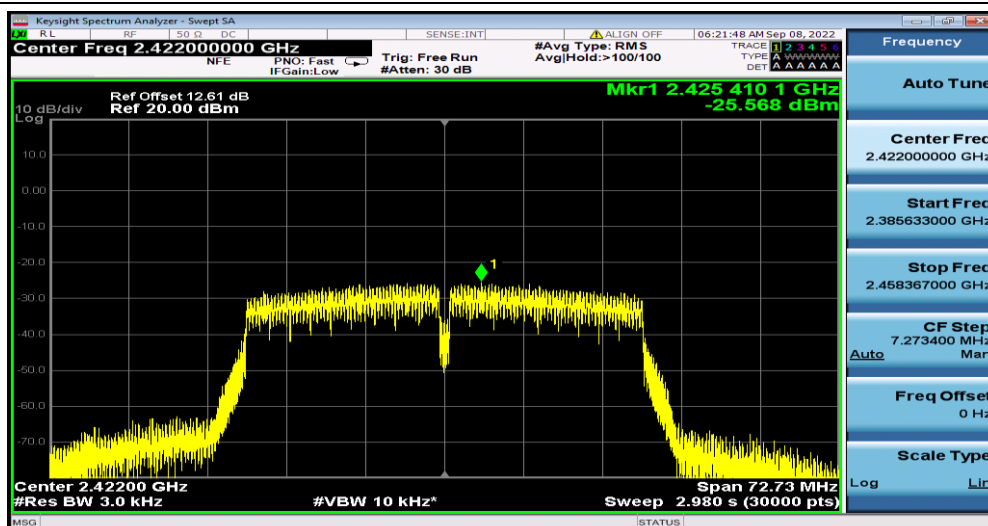
11N20MIMO_Ant2_2437



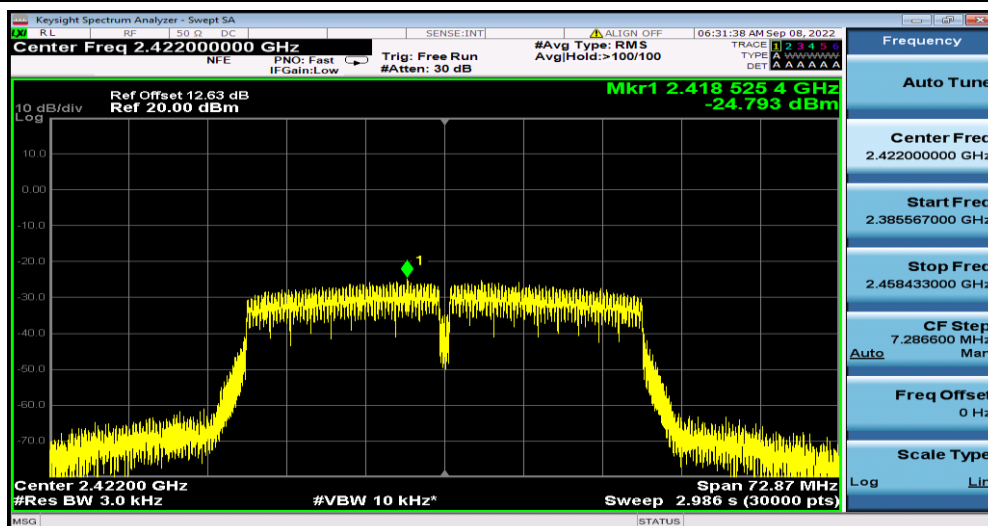
11N20MIMO_Ant1_2462



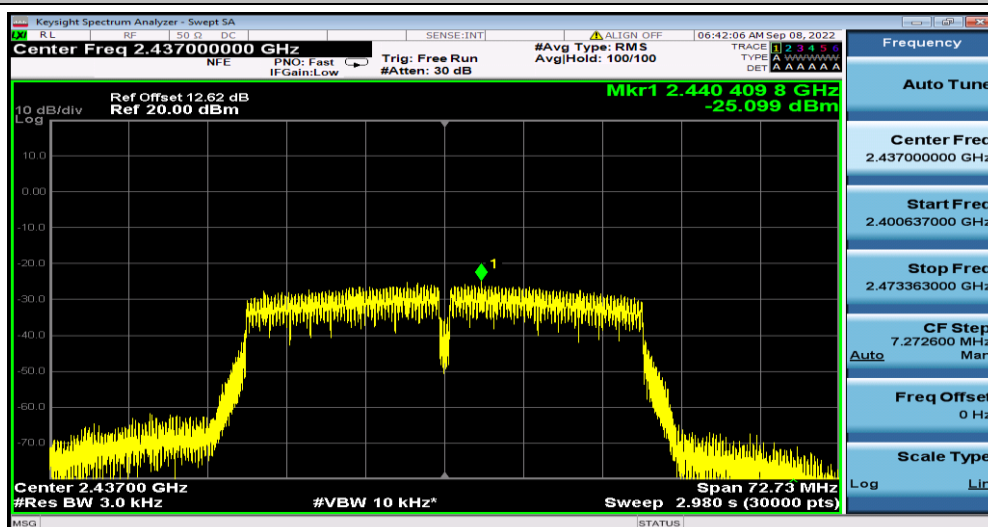
11N20MIMO_Ant2_2462



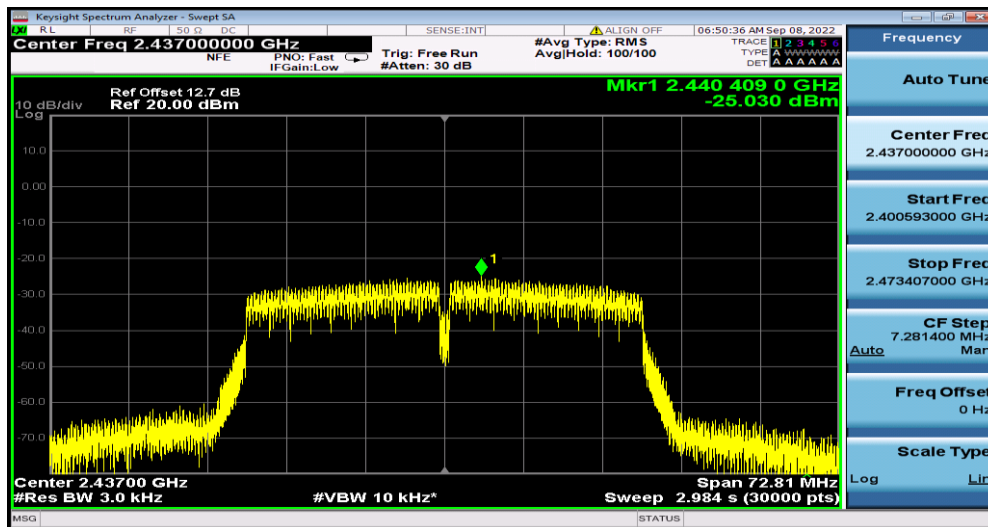
11N40MIMO_Ant1_2422



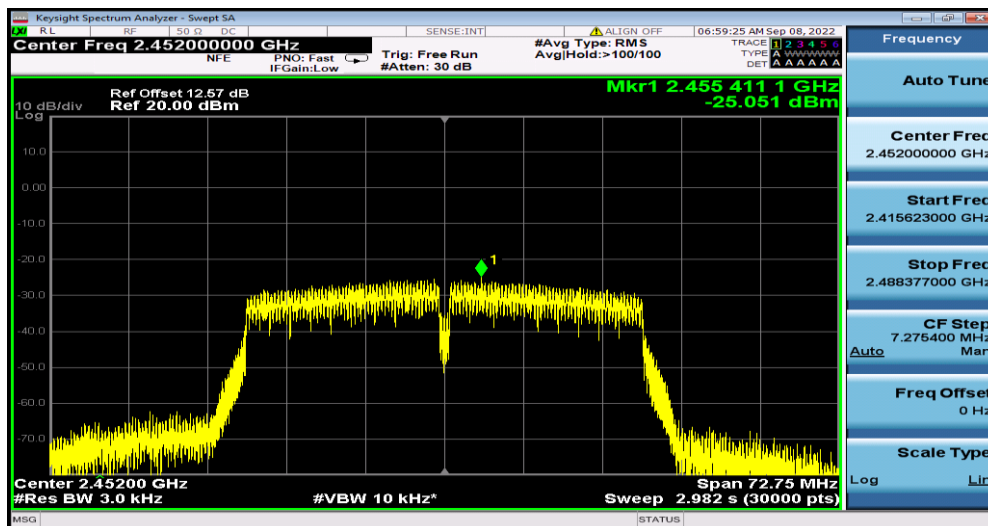
11N40MIMO_Ant2_2422



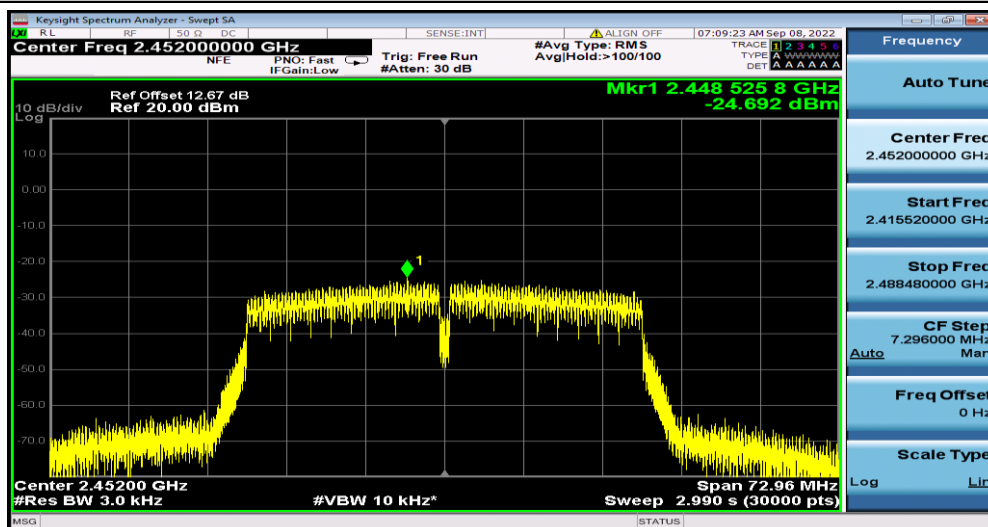
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



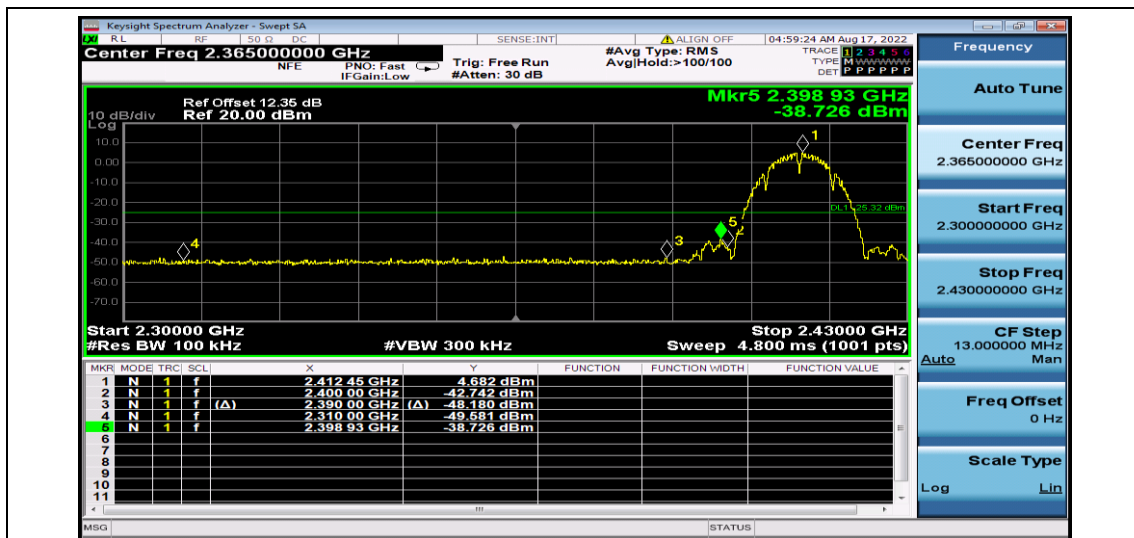
11N40MIMO_Ant2_2452

Appendix E: Band edge measurements

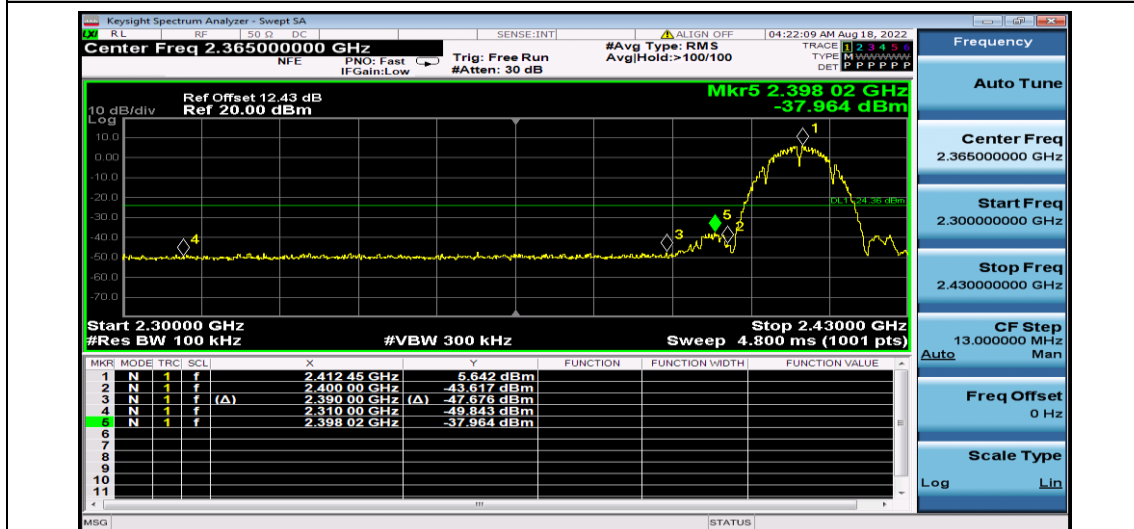
Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.68	-38.73	≤-25.32	PASS
	Ant2	Low	2412	5.64	-37.96	≤-24.36	PASS
	Ant1	High	2462	5.14	-47.64	≤-24.86	PASS
	Ant2	High	2462	5.54	-47.25	≤-24.46	PASS
11G	Ant1	Low	2412	2.06	-30.09	≤-27.94	PASS
	Ant2	Low	2412	2.73	-29.65	≤-27.28	PASS
	Ant1	High	2462	2.26	-46.92	≤-27.74	PASS
	Ant2	High	2462	2.67	-40.93	≤-27.33	PASS
11N20MIMO	Ant1	Low	2412	2.90	-34.7	≤-27.1	PASS
	Ant2	Low	2412	2.28	-30.43	≤-27.73	PASS
	Ant1	High	2462	3.19	-44.28	≤-26.81	PASS
	Ant2	High	2462	2.33	-44.62	≤-27.67	PASS
11N40MIMO	Ant1	Low	2422	-3.96	-39.23	≤-33.96	PASS
	Ant2	Low	2422	-3.80	-40.13	≤-33.8	PASS
	Ant1	High	2452	-3.95	-44.26	≤-33.95	PASS
	Ant2	High	2452	-3.99	-42.43	≤-33.99	PASS

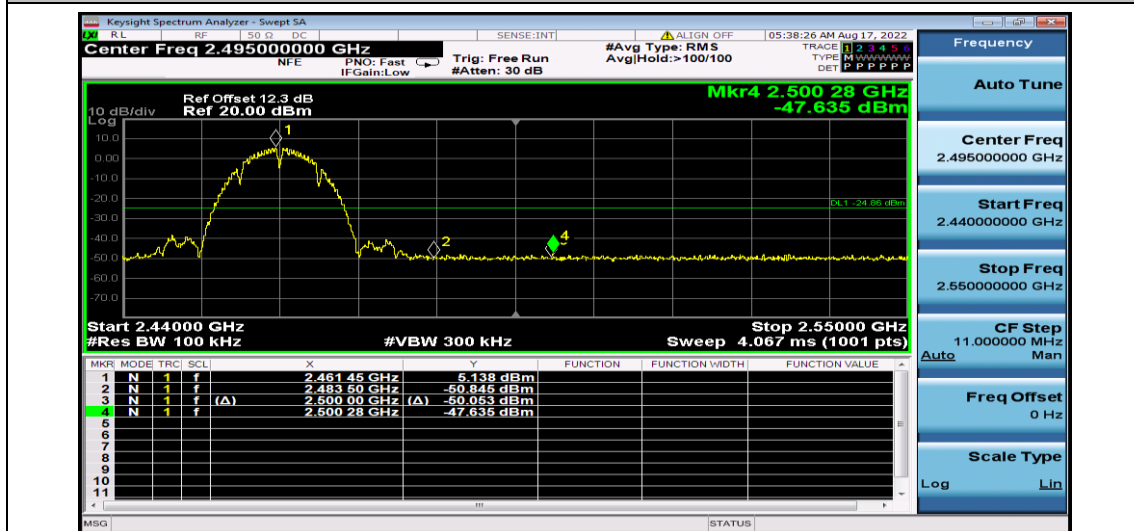
Test Graphs



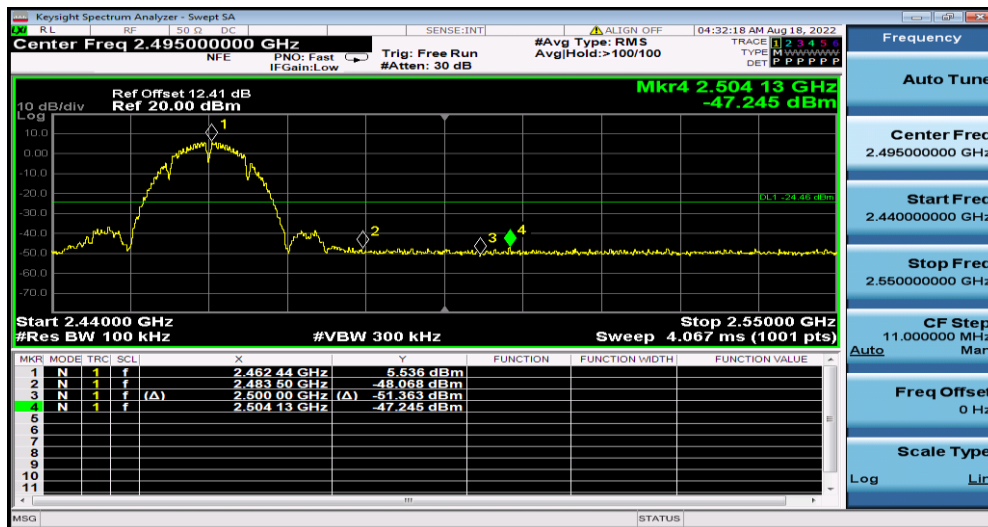
11B_Ant1_Low_2412



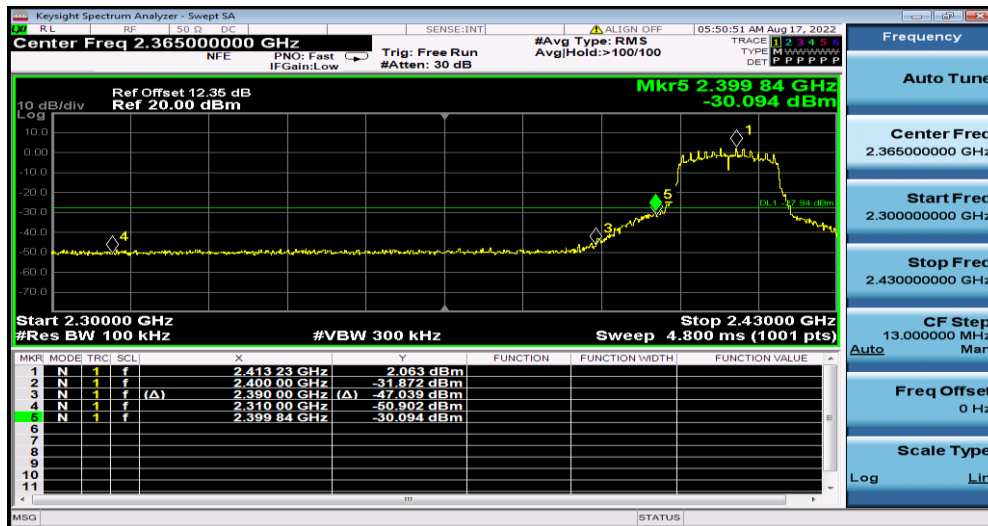
11B_Ant2_Low_2412



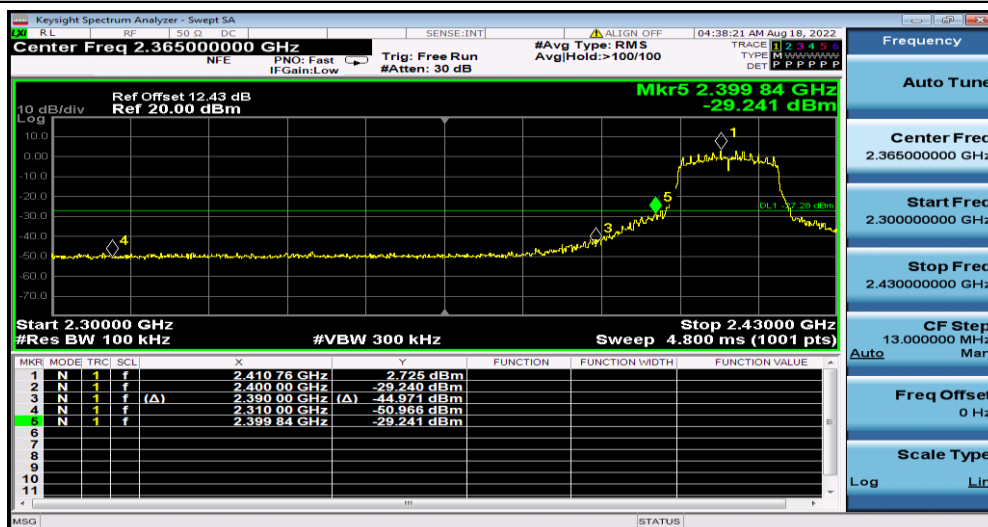
11B_Ant1_High_2462



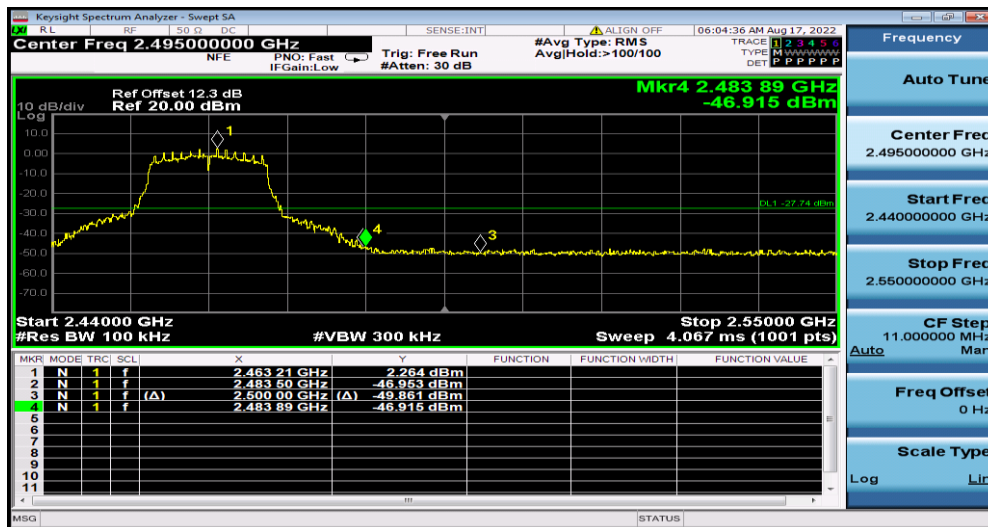
11B_Ant2_High_2462



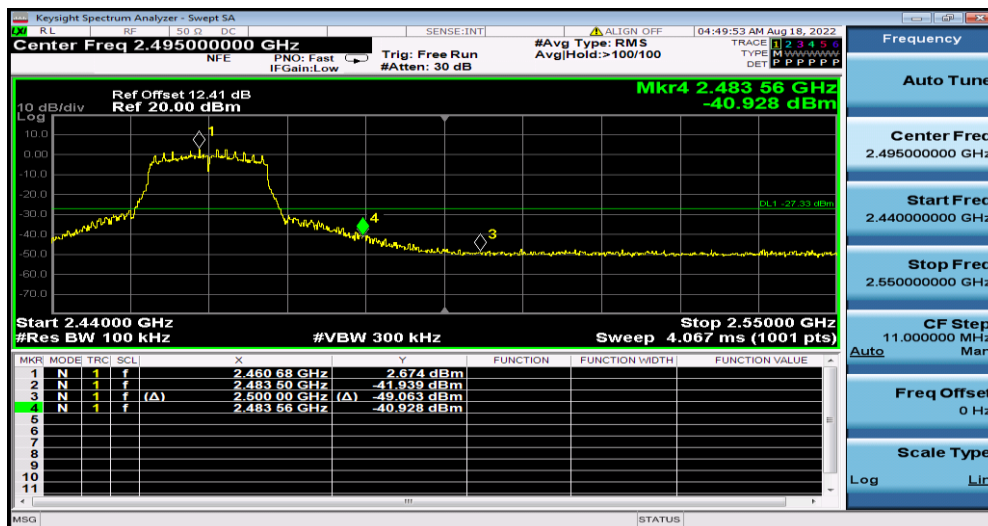
11G_Ant1_Low_2412



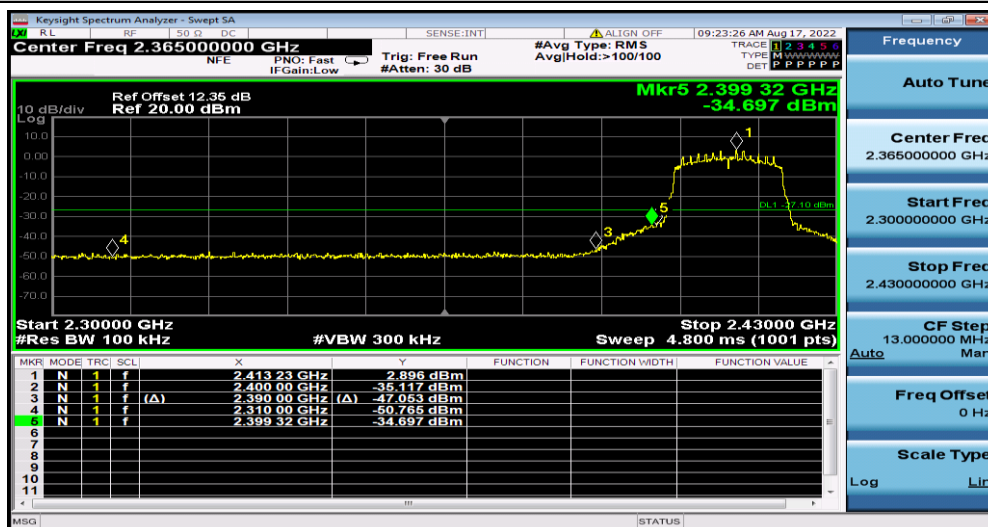
11G_Ant2_Low_2412



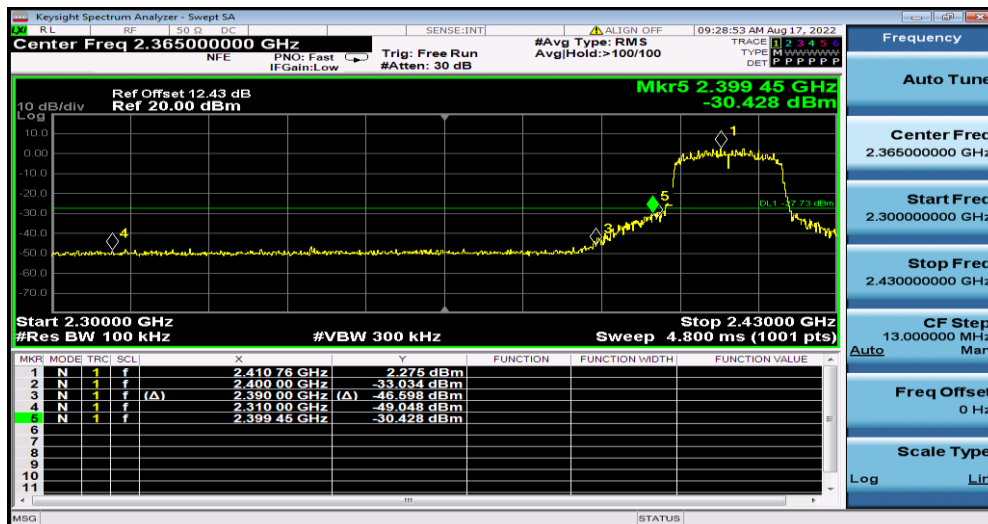
11G_Ant1_High_2462



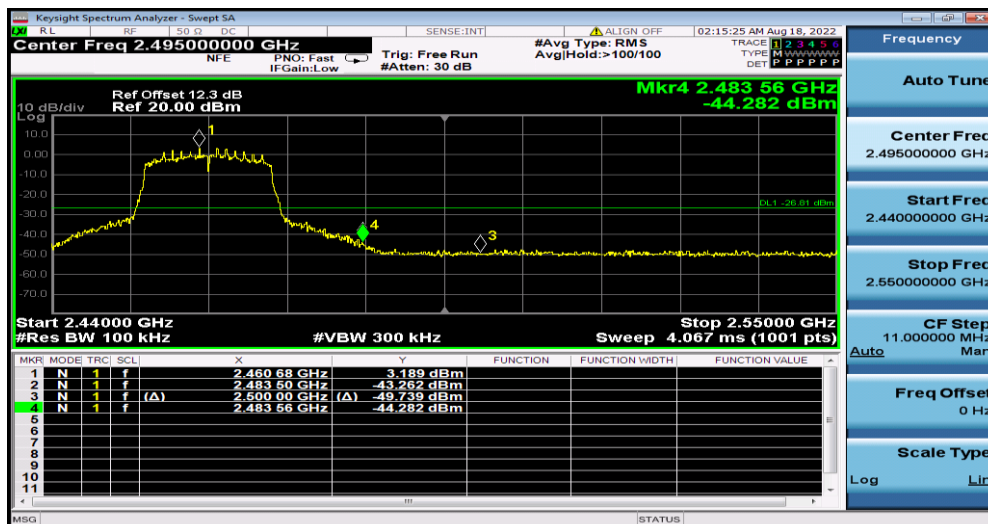
11G_Ant2_High_2462



11N20MIMO_Ant1_Low_2412



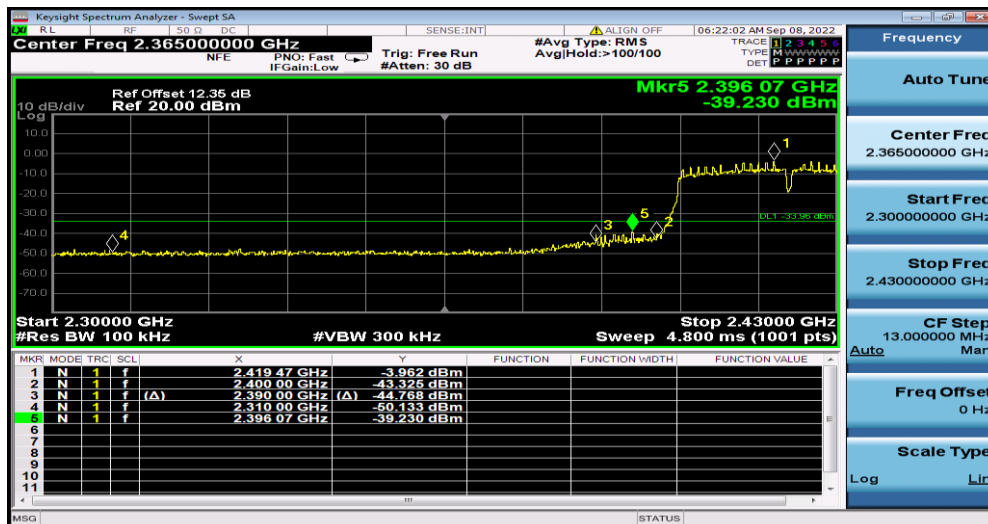
11N20MIMO_Ant2_Low_2412



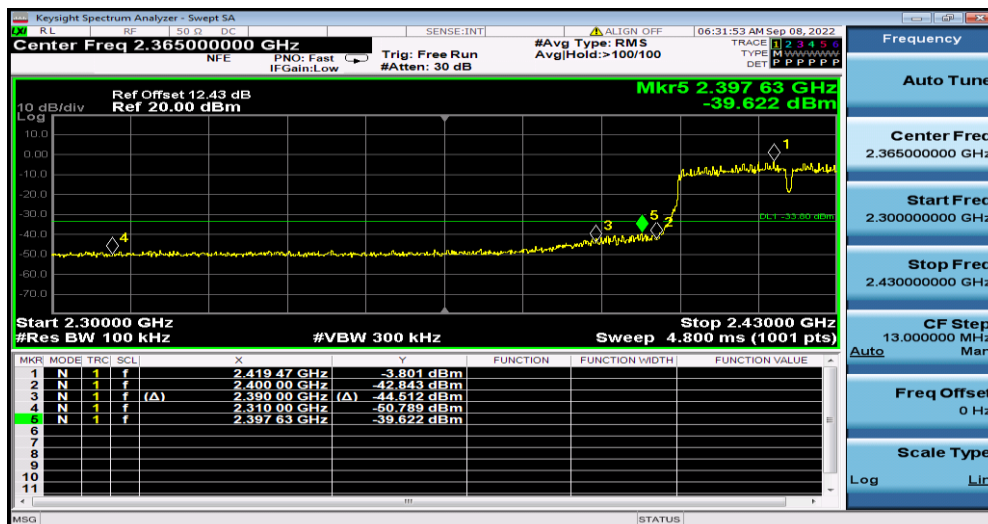
11N20MIMO_Ant1_High_2462



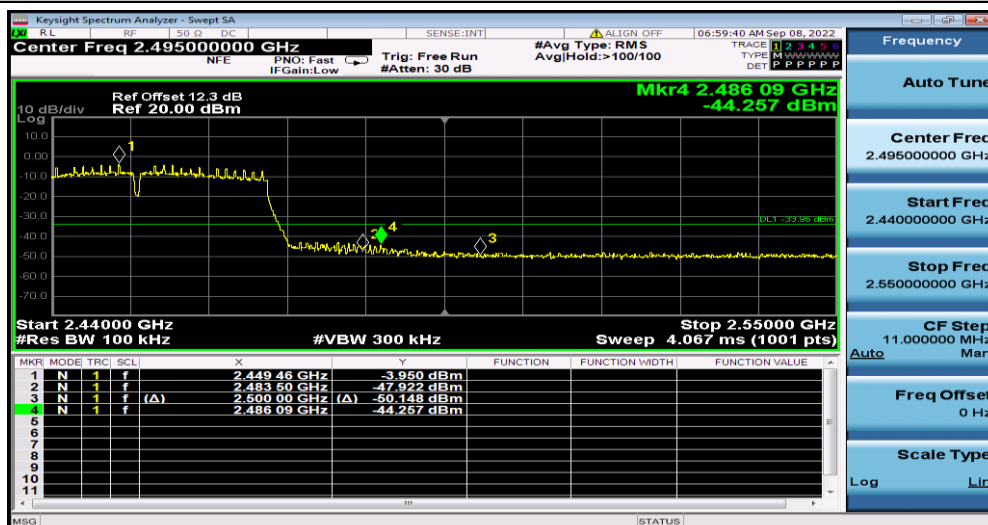
11N20MIMO_Ant2_High_2462



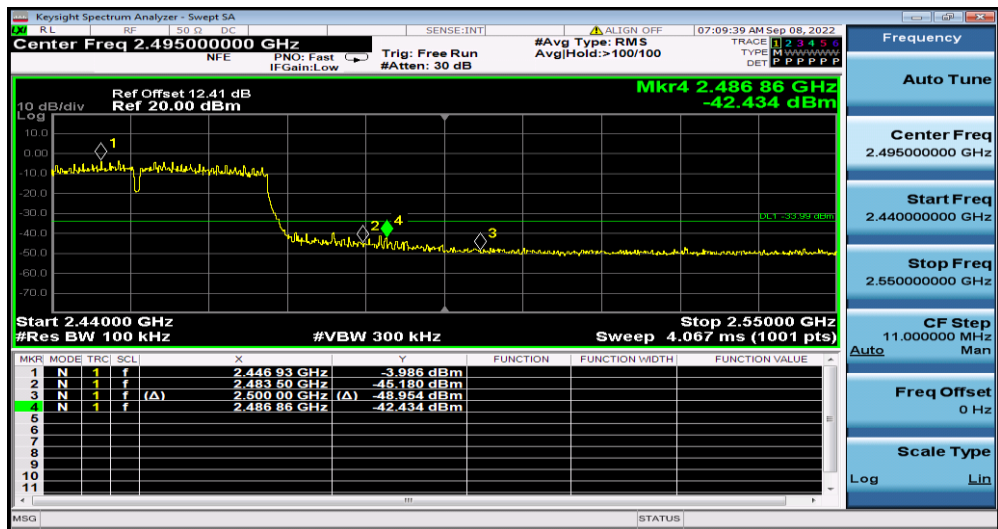
11N40MIMO_Ant1_Low_2422



11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant1_High_2452



11N40MIMO_Ant2_High_2452

Appendix F: Conducted Spurious Emission

Test Result

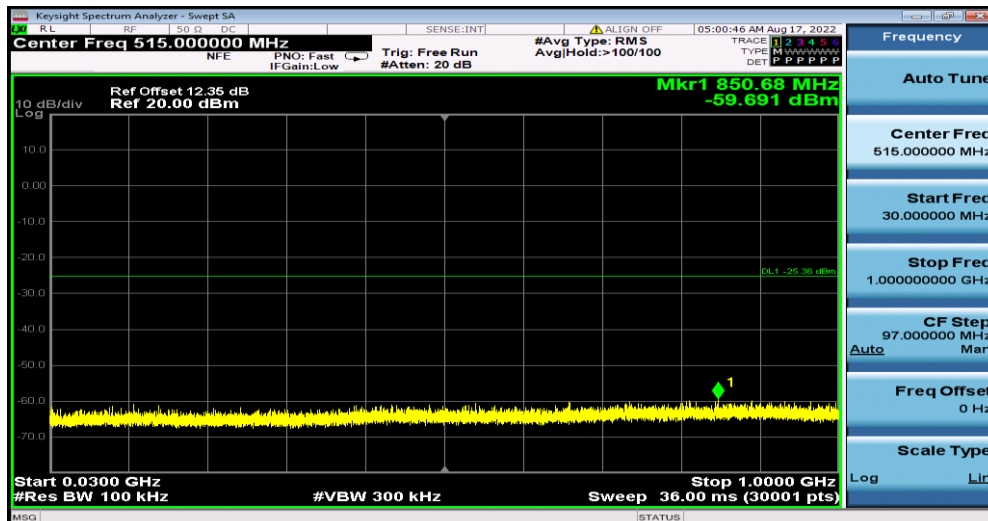
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.64	4.64	---	PASS
			30~1000	4.64	-59.69	≤-25.36	PASS
			1000~26500	4.64	-49.48	≤-25.36	PASS
	Ant2	2412	Reference	5.55	5.55	---	PASS
			30~1000	5.55	-59.4	≤-24.45	PASS
			1000~26500	5.55	-47.31	≤-24.45	PASS
	Ant1	2437	Reference	5.43	5.43	---	PASS
			30~1000	5.43	-59.94	≤-24.57	PASS
			1000~26500	5.43	-51.7	≤-24.57	PASS
	Ant2	2437	Reference	5.59	5.59	---	PASS
			30~1000	5.59	-59.76	≤-24.41	PASS
			1000~26500	5.59	-48.47	≤-24.41	PASS
	Ant1	2462	Reference	5.10	5.10	---	PASS
			30~1000	5.10	-59.69	≤-24.9	PASS
			1000~26500	5.10	-50.12	≤-24.9	PASS
	Ant2	2462	Reference	5.54	5.54	---	PASS
			30~1000	5.54	-58.82	≤-24.46	PASS
			1000~26500	5.54	-49.15	≤-24.46	PASS
11G	Ant1	2412	Reference	2.04	2.04	---	PASS
			30~1000	2.04	-59.37	≤-27.96	PASS
			1000~26500	2.04	-51.62	≤-27.96	PASS
	Ant2	2412	Reference	2.72	2.72	---	PASS
			30~1000	2.72	-59.74	≤-27.28	PASS
			1000~26500	2.72	-51.37	≤-27.28	PASS
	Ant1	2437	Reference	2.00	2.00	---	PASS
			30~1000	2.00	-58.56	≤-28	PASS
			1000~26500	2.00	-50.62	≤-28	PASS
	Ant2	2437	Reference	2.69	2.69	---	PASS
			30~1000	2.69	-59.19	≤-27.31	PASS
			1000~26500	2.69	-50.74	≤-27.31	PASS
	Ant1	2462	Reference	2.31	2.31	---	PASS
			30~1000	2.31	-59.2	≤-27.69	PASS
			1000~26500	2.31	-51.85	≤-27.69	PASS
	Ant2	2462	Reference	2.69	2.69	---	PASS
			30~1000	2.69	-59	≤-27.31	PASS
			1000~26500	2.69	-50.97	≤-27.31	PASS
11N20MIMO	Ant1	2412	Reference	2.92	2.92	---	PASS

			30~1000	2.92	-58.63	≤ -27.08	PASS
			1000~26500	2.92	-50.92	≤ -27.08	PASS
			Reference	2.12	2.12	---	PASS
	Ant2	2412	30~1000	2.12	-59.5	≤ -27.88	PASS
			1000~26500	2.12	-51.33	≤ -27.88	PASS
			Reference	2.87	2.87	---	PASS
	Ant1	2437	30~1000	2.87	-59.3	≤ -27.13	PASS
			1000~26500	2.87	-51.82	≤ -27.13	PASS
			Reference	2.88	2.88	---	PASS
	Ant2	2437	30~1000	2.88	-59.57	≤ -27.12	PASS
			1000~26500	2.88	-51.29	≤ -27.12	PASS
			Reference	3.00	3.00	---	PASS
	Ant1	2462	30~1000	3.00	-59.55	≤ -27	PASS
			1000~26500	3.00	-51.4	≤ -27	PASS
			Reference	2.85	2.85	---	PASS
11N40MIMO	Ant1	2422	Reference	-3.95	-3.95	---	PASS
			30~1000	-3.95	-59.47	≤ -33.95	PASS
			1000~26500	-3.95	-50.81	≤ -33.95	PASS
	Ant2	2422	Reference	-3.71	-3.71	---	PASS
			30~1000	-3.71	-58.23	≤ -33.71	PASS
			1000~26500	-3.71	-50.5	≤ -33.71	PASS
	Ant1	2437	Reference	-3.92	-3.92	---	PASS
			30~1000	-3.92	-59.48	≤ -33.92	PASS
			1000~26500	-3.92	-51.04	≤ -33.92	PASS
	Ant2	2437	Reference	-3.87	-3.87	---	PASS
			30~1000	-3.87	-58.02	≤ -33.87	PASS
			1000~26500	-3.87	-51.54	≤ -33.87	PASS
	Ant1	2452	Reference	-4.07	-4.07	---	PASS
			30~1000	-4.07	-60.33	≤ -34.07	PASS
			1000~26500	-4.07	-51.2	≤ -34.07	PASS
	Ant2	2452	Reference	-3.82	-3.82	---	PASS
			30~1000	-3.82	-58.91	≤ -33.82	PASS
			1000~26500	-3.82	-51.02	≤ -33.82	PASS

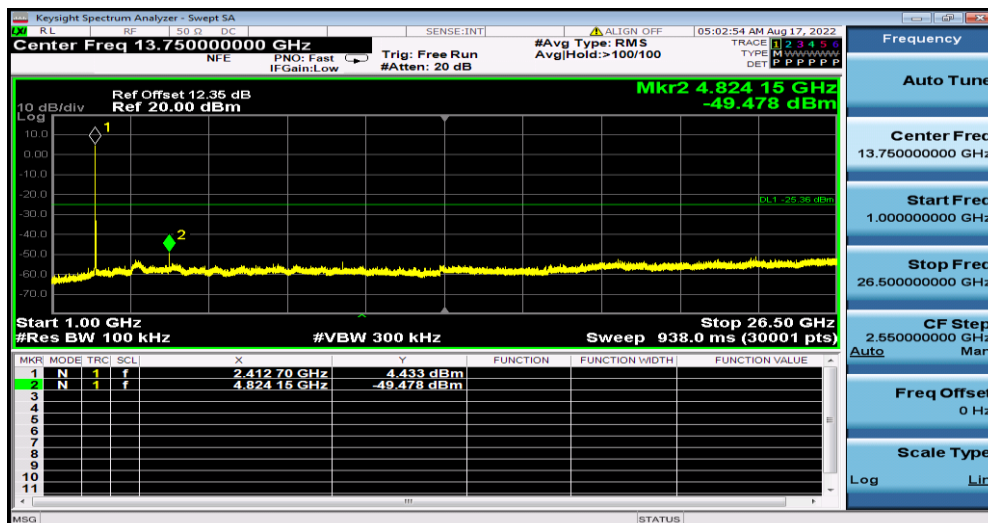
Test Graphs



11B_Ant1_2412_0~Reference



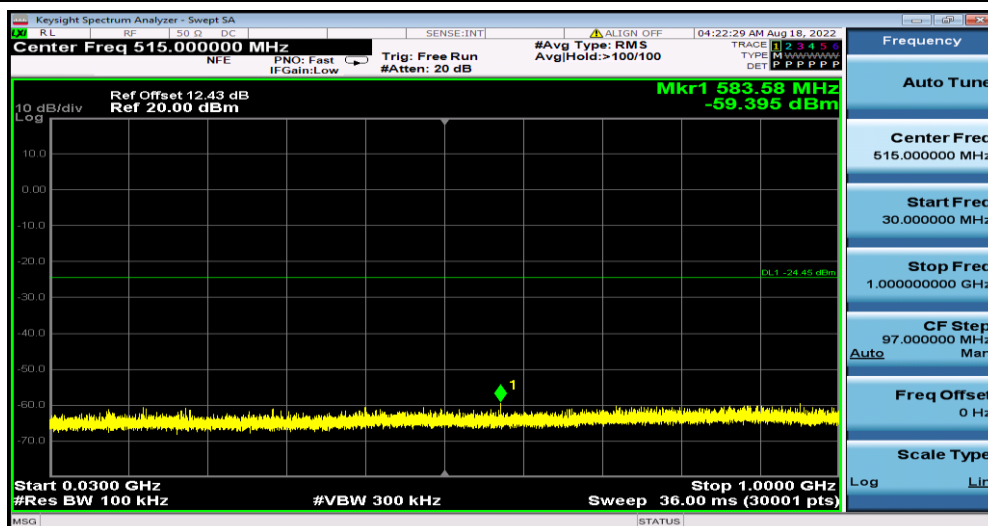
11B_Ant1_2412_30~1000



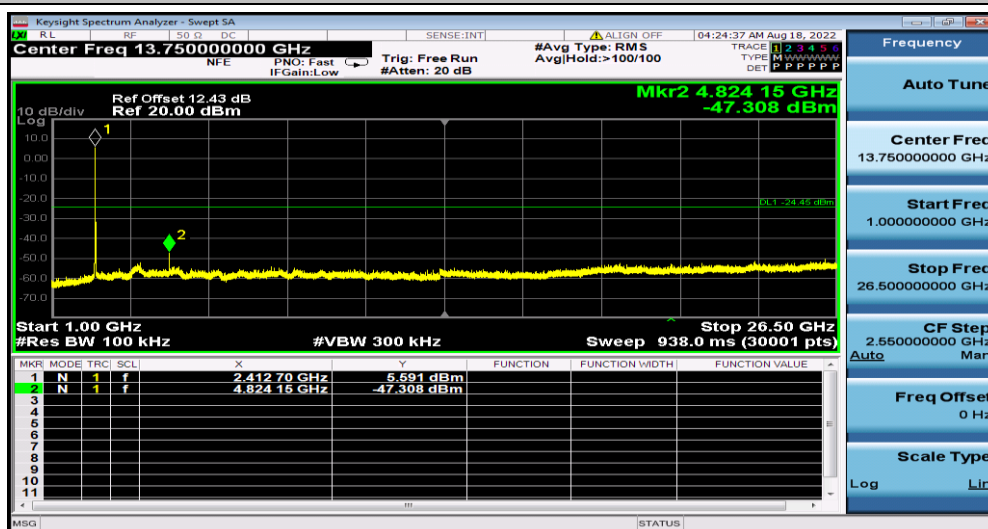
11B_Ant1_2412_1000~26500



11B_Ant2_2412_0~Reference



11B_Ant2_2412_30~1000



11B_Ant2_2412_1000~26500