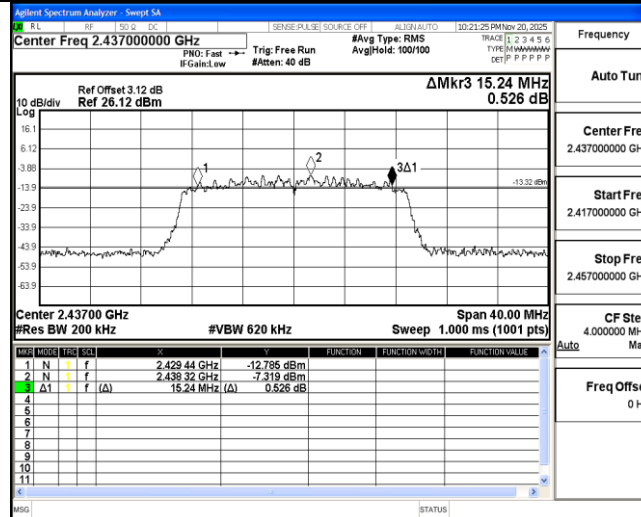
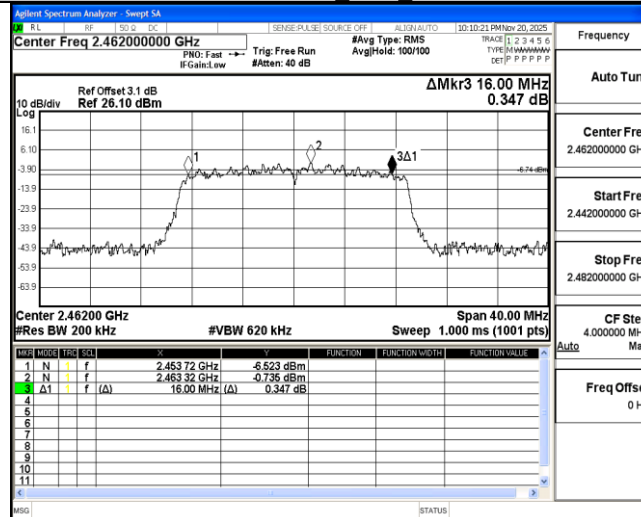
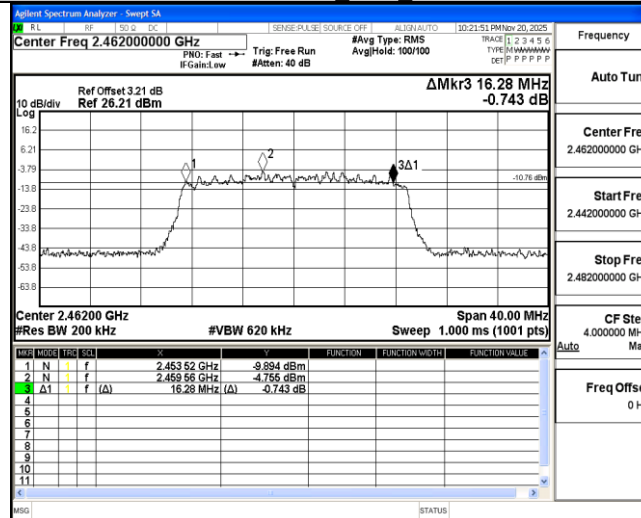




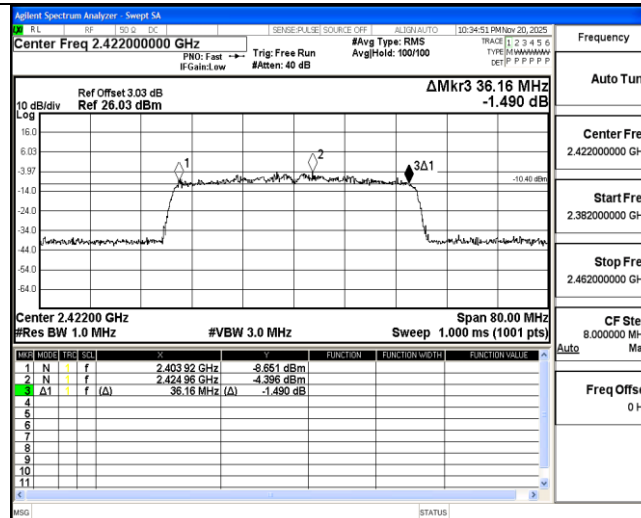
11N20MIMO Ant1 2462



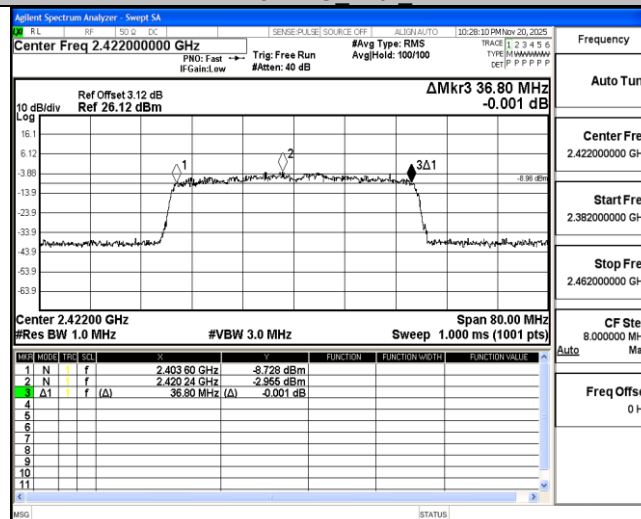
11N20MIMO Ant2 2462



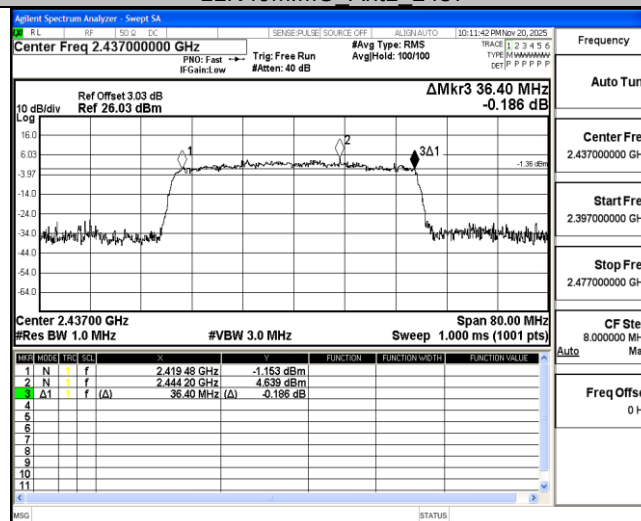
11N40MIMO Ant1 2422



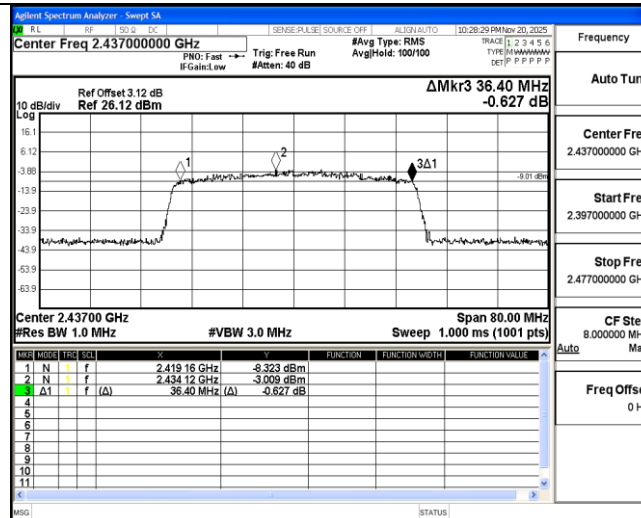
11N40MIMO Ant2 2422



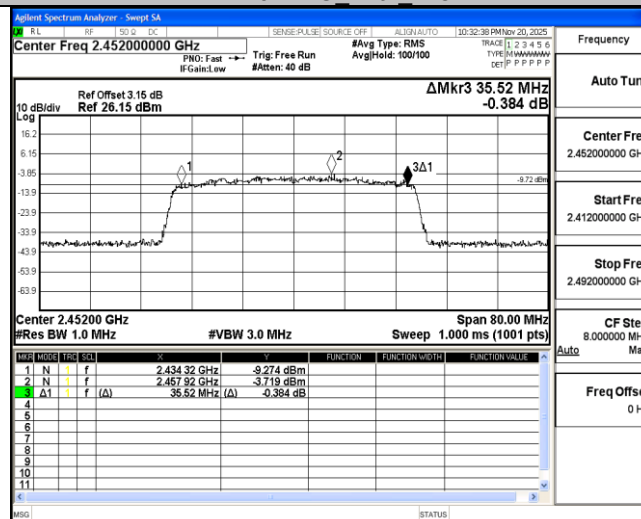
11N40MIMO Ant1 2437



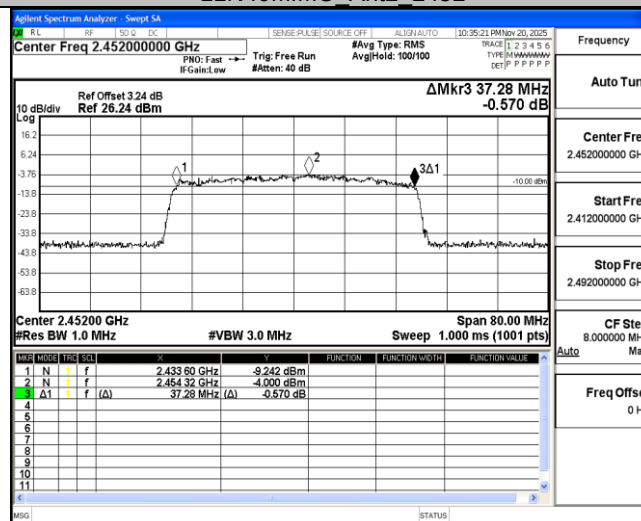
11N40MIMO Ant2 2437



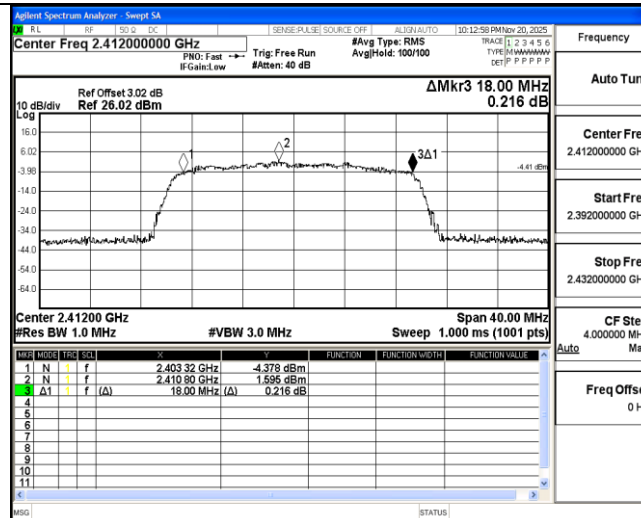
11N40MIMO Ant1 2452



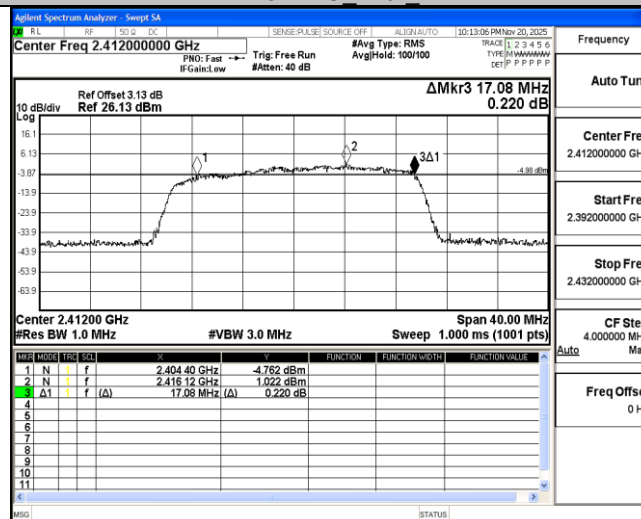
11N40MIMO Ant2 2452



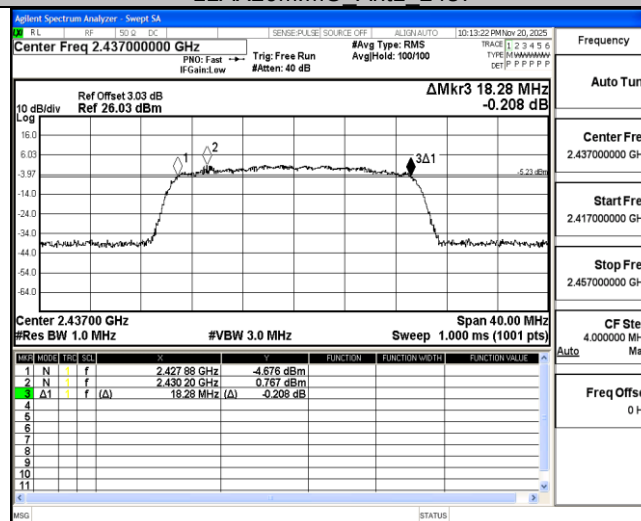
11AX20MIMO Ant1 2412



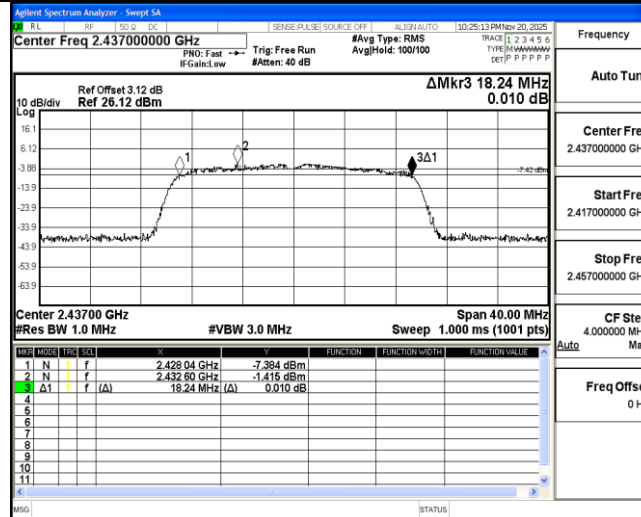
11AX20MIMO Ant2 2412



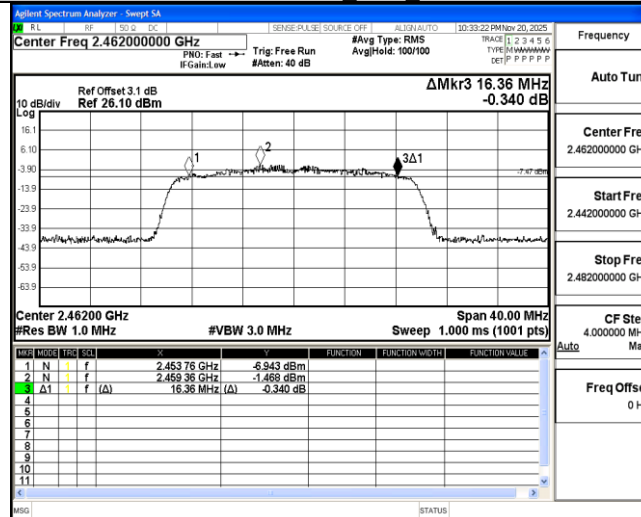
11AX20MIMO Ant1 2437



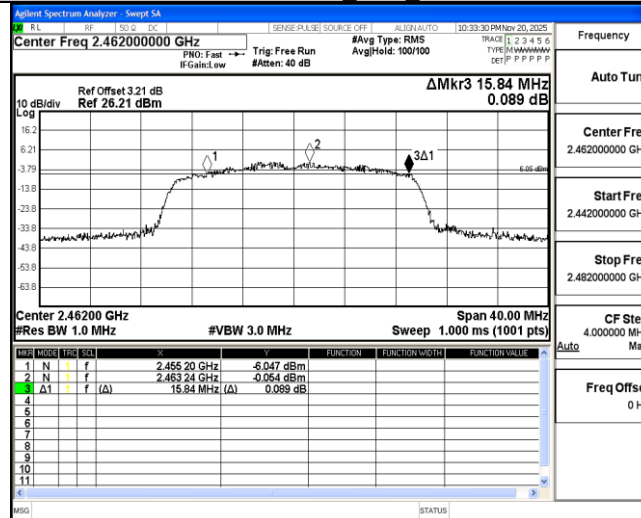
11AX20MIMO Ant2 2437



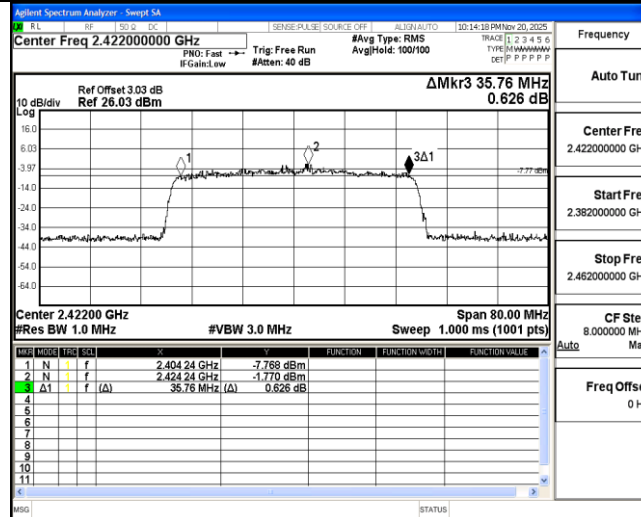
11AX20MIMO Ant1 2462



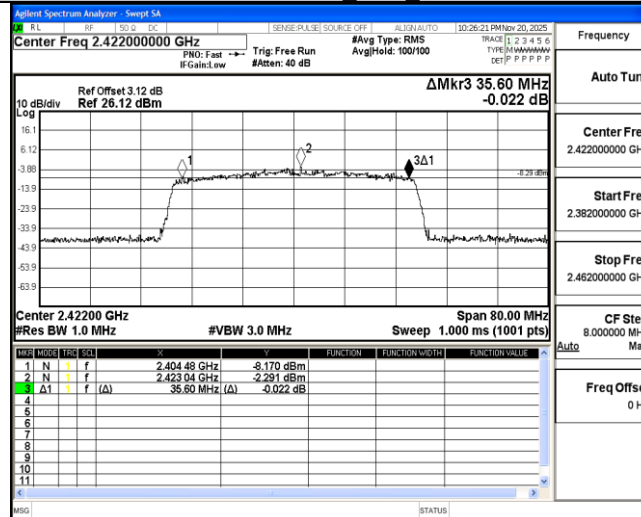
11AX20MIMO Ant2 2462



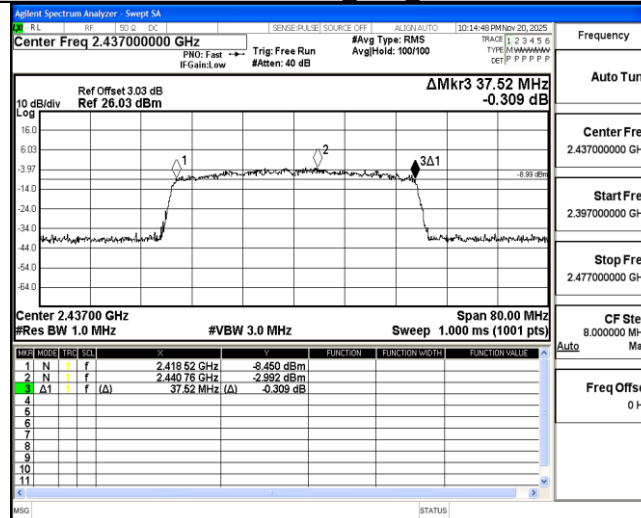
11AX40MIMO Ant1 2422



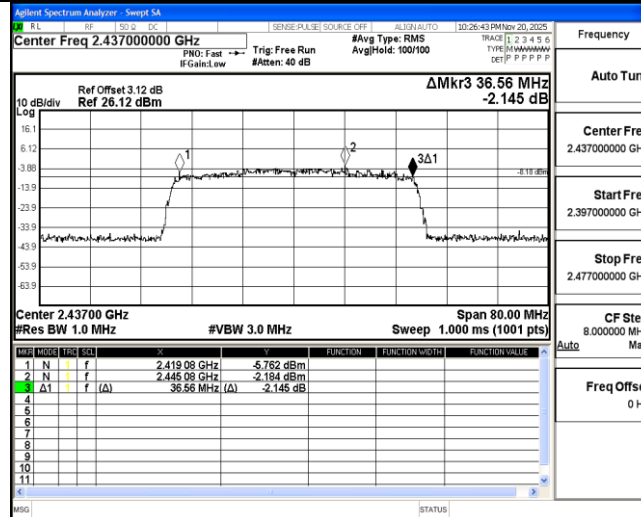
11AX40MIMO Ant2 2422



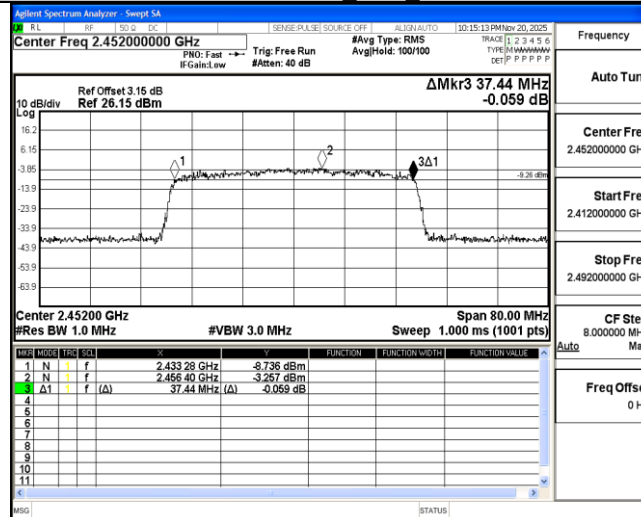
11AX40MIMO Ant1 2437



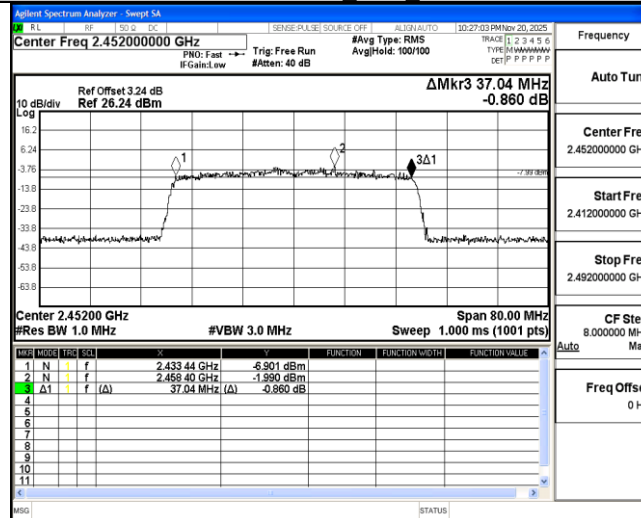
11AX40MIMO Ant2 2437



11AX40MIMO Ant1 2452



11AX40MIMO Ant2 2452



**Appendix C: Maximum conducted output power****Test Result**

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	15.47	≤23.84	PASS
	Ant2	2412	13.06	≤23.84	PASS
	Ant1	2437	15.33	≤23.84	PASS
	Ant2	2437	12.35	≤23.84	PASS
	Ant1	2462	15.04	≤23.84	PASS
	Ant2	2462	12.83	≤23.84	PASS
11G	Ant1	2412	14.05	≤23.84	PASS
	Ant2	2412	16.19	≤23.84	PASS
	Ant1	2437	13.46	≤23.84	PASS
	Ant2	2437	16.20	≤23.84	PASS
	Ant1	2462	13.14	≤23.84	PASS
	Ant2	2462	15.61	≤23.84	PASS
11N20MIMO	Ant1	2412	13.97	≤23.84	PASS
	Ant2	2412	13.21	≤23.84	PASS
	total	2412	16.62	≤23.84	PASS
	Ant1	2437	13.39	≤23.84	PASS
	Ant2	2437	13.25	≤23.84	PASS
	total	2437	16.33	≤23.84	PASS
	Ant1	2462	11.16	≤23.84	PASS
	Ant2	2462	15.59	≤23.84	PASS
11N40MIMO	total	2462	16.93	≤23.84	PASS
	Ant1	2422	15.14	≤23.84	PASS
	Ant2	2422	14.09	≤23.84	PASS
	total	2422	15.48	≤23.84	PASS
	Ant1	2437	13.62	≤23.84	PASS
	Ant2	2437	14.29	≤23.84	PASS
	total	2437	16.98	≤23.84	PASS
	Ant1	2452	13.22	≤23.84	PASS
11AX20MIMO	Ant2	2452	14.16	≤23.84	PASS
	total	2452	16.73	≤23.84	PASS
	Ant1	2412	13.54	≤23.84	PASS
	Ant2	2412	14.66	≤23.84	PASS
	total	2412	17.15	≤23.84	PASS
	Ant1	2437	11.19	≤23.84	PASS
	Ant2	2437	13.75	≤23.84	PASS
	total	2437	15.67	≤23.84	PASS
11AX40MIMO	Ant1	2462	10.83	≤23.84	PASS
	Ant2	2462	13.36	≤23.84	PASS
	total	2462	15.29	≤23.84	PASS
	Ant1	2422	15.58	≤23.84	PASS
	Ant2	2422	14.32	≤23.84	PASS
	total	2422	18.01	≤23.84	PASS
	Ant1	2437	13.18	≤23.84	PASS
	Ant2	2437	14.29	≤23.84	PASS
	total	2437	16.78	≤23.84	PASS
	Ant1	2452	12.95	≤23.84	PASS
	Ant2	2452	15.24	≤23.84	PASS
	total	2452	17.25	≤27.00	PASS

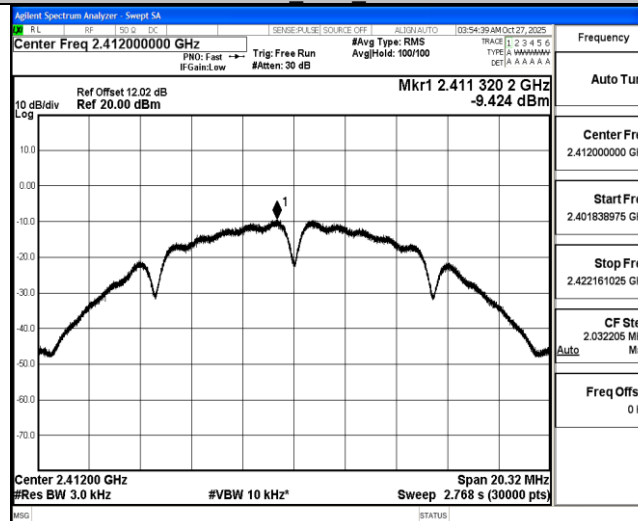
**Appendix D: Maximum power spectral density****Test Result**

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.31	≤5.00	PASS
	Ant2	2412	-16.50	≤5.00	PASS
	Ant1	2437	-10.48	≤5.00	PASS
	Ant2	2437	-16.18	≤5.00	PASS
	Ant1	2462	-14.41	≤5.00	PASS
11G	Ant2	2462	-16.59	≤5.00	PASS
	Ant1	2412	-19.04	≤5.00	PASS
	Ant2	2412	-16.48	≤5.00	PASS
	Ant1	2437	-18.41	≤5.00	PASS
	Ant2	2437	-15.49	≤5.00	PASS
11N20MIMO	Ant1	2462	-20.06	≤5.00	PASS
	Ant2	2462	-16.69	≤5.00	PASS
	Ant1	2412	-17.44	≤5.00	PASS
	Ant2	2412	-19.68	≤5.00	PASS
	total	2412	-15.41	≤5.00	PASS
	Ant1	2437	-18.85	≤5.00	PASS
	Ant2	2437	-16.48	≤5.00	PASS
	total	2437	-14.49	≤5.00	PASS
	Ant1	2462	-21.79	≤5.00	PASS
11N40MIMO	Ant2	2462	-17.07	≤5.00	PASS
	total	2462	-15.81	≤5.00	PASS
	Ant1	2422	-18.83	≤5.00	PASS
	Ant2	2422	-20.52	≤5.00	PASS
	total	2422	-20.52	≤5.00	PASS
	Ant1	2437	-20.08	≤5.00	PASS
	Ant2	2437	-20.58	≤5.00	PASS
	total	2437	-17.31	≤5.00	PASS
	Ant1	2452	-21.16	≤5.00	PASS
11AX20MIMO	Ant2	2452	-19.77	≤5.00	PASS
	total	2452	-17.40	≤5.00	PASS
	Ant1	2412	-18.57	≤5.00	PASS
	Ant2	2412	-13.21	≤5.00	PASS
	total	2412	-12.10	≤5.00	PASS
	Ant1	2437	-19.89	≤5.00	PASS
	Ant2	2437	-13.59	≤5.00	PASS
	total	2437	-12.68	≤5.00	PASS
	Ant1	2462	-21.70	≤5.00	PASS
11AX40MIMO	Ant2	2462	-13.79	≤5.00	PASS
	total	2462	-13.14	≤5.00	PASS
	Ant1	2422	-17.15	≤5.00	PASS
	Ant2	2422	-18.01	≤5.00	PASS
	total	2422	-14.55	≤5.00	PASS
	Ant1	2437	-19.57	≤5.00	PASS
	Ant2	2437	-17.64	≤5.00	PASS
	total	2437	-15.49	≤5.00	PASS
	Ant1	2452	-20.58	≤5.00	PASS
	Ant2	2452	-17.09	≤5.00	PASS
	total	2452	-15.48	≤5.00	PASS

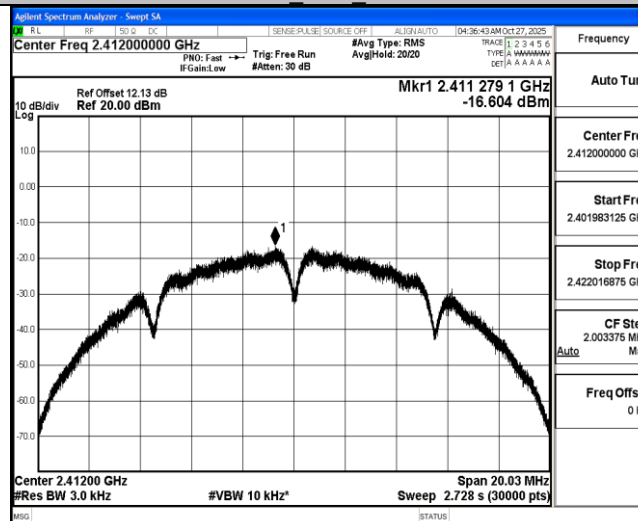


Test Graphs

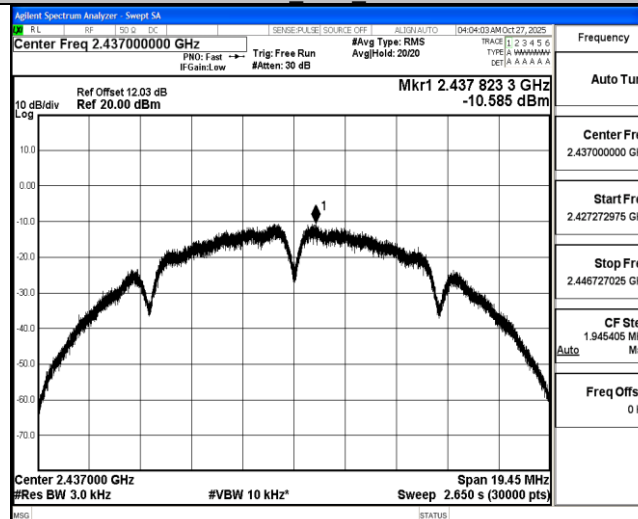
11B_Ant1_2412



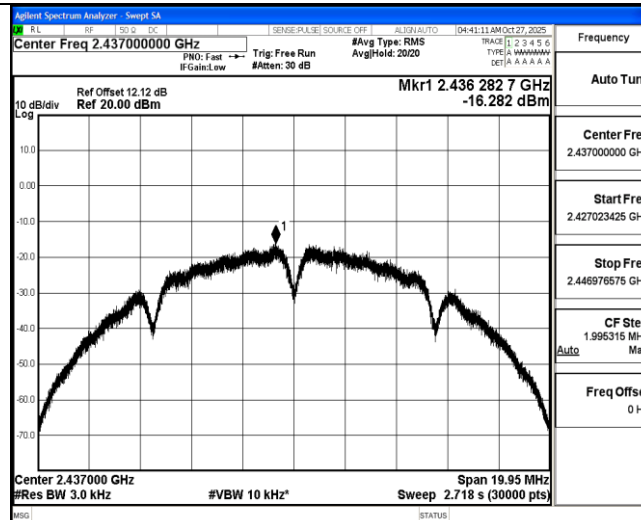
11B_Ant2_2412



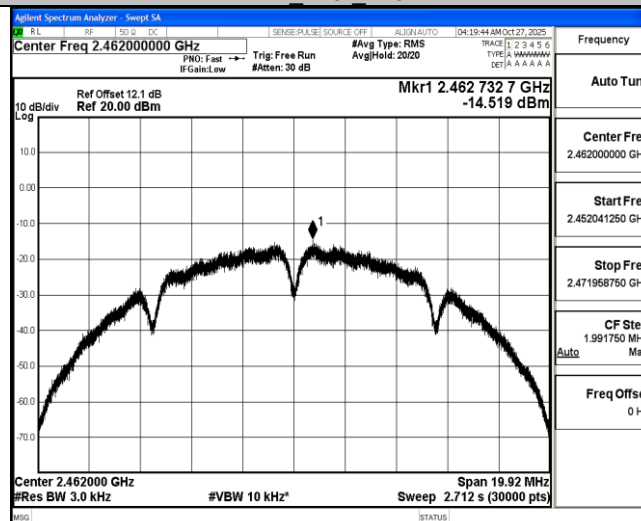
11B_Ant1_2437



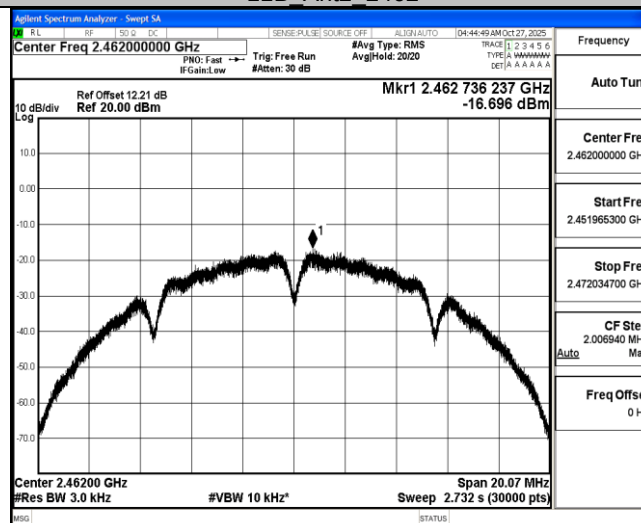
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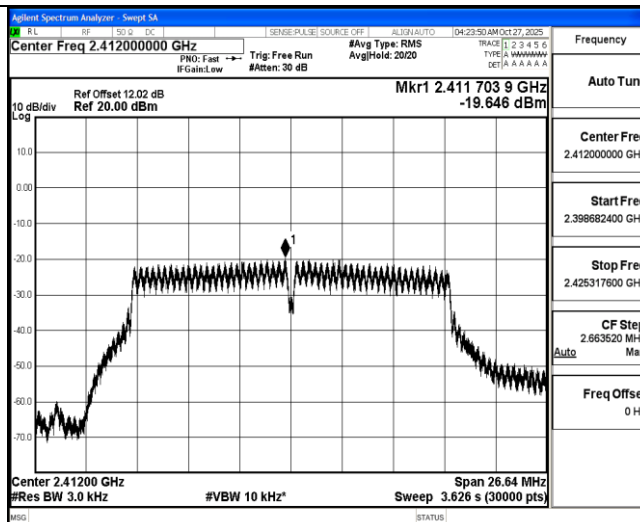
11B Ant1 2462



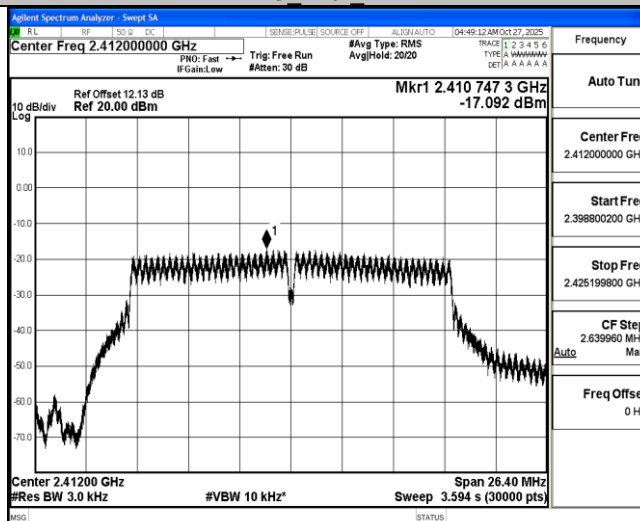
11B Ant2 2462



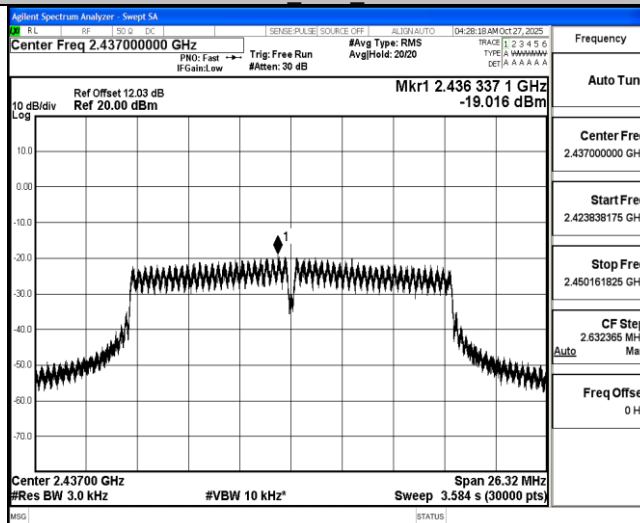
11G Ant1 2412



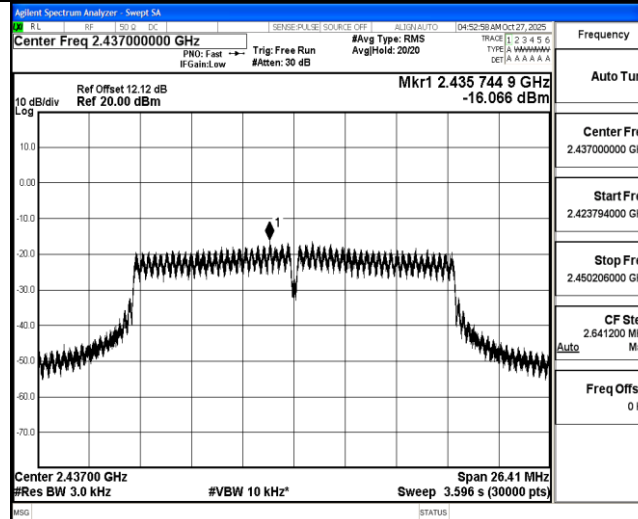
11G_Ant2_2412



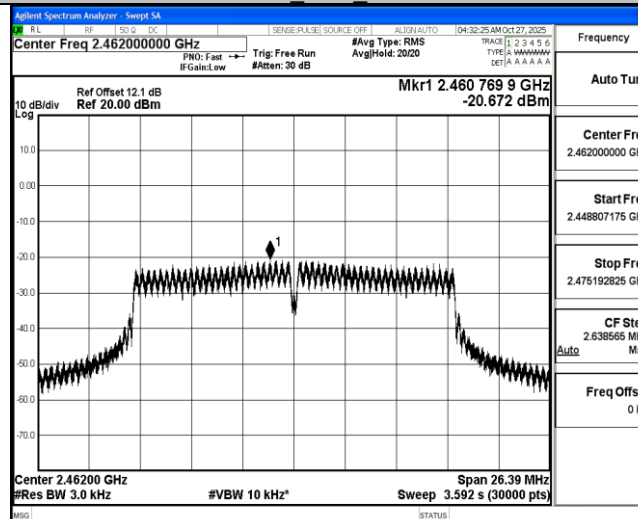
11G_Ant1_2437



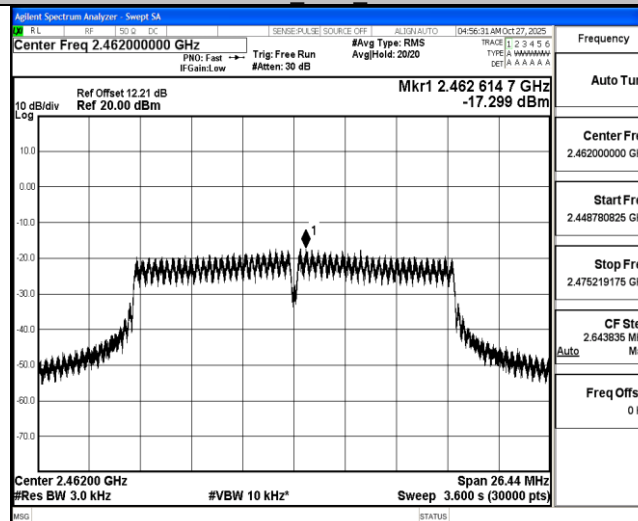
11G_Ant2_2437



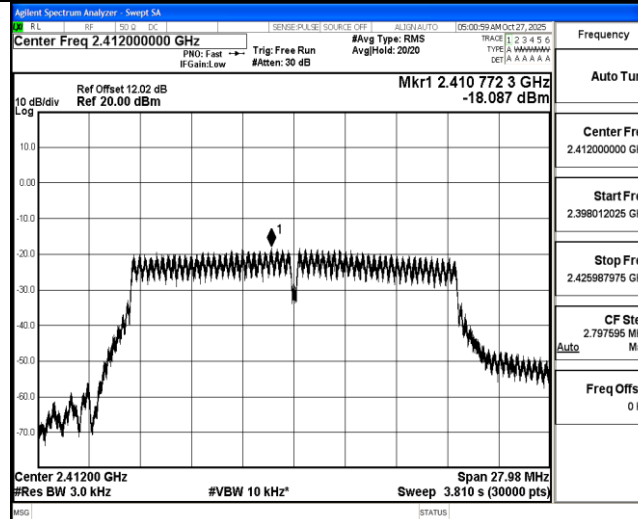
11G Ant1 2462



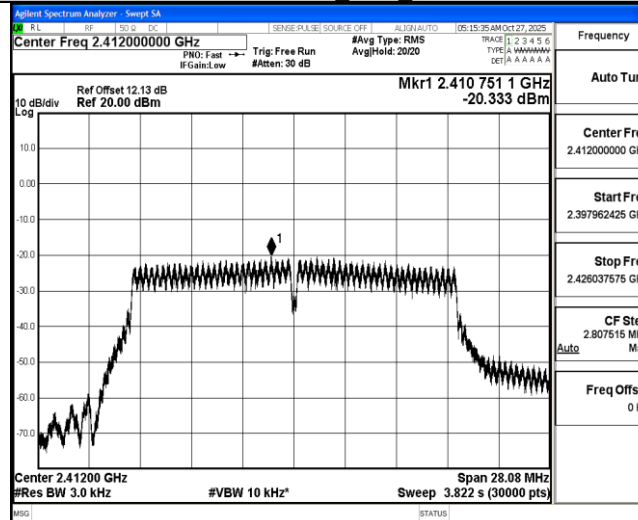
11G Ant2 2462



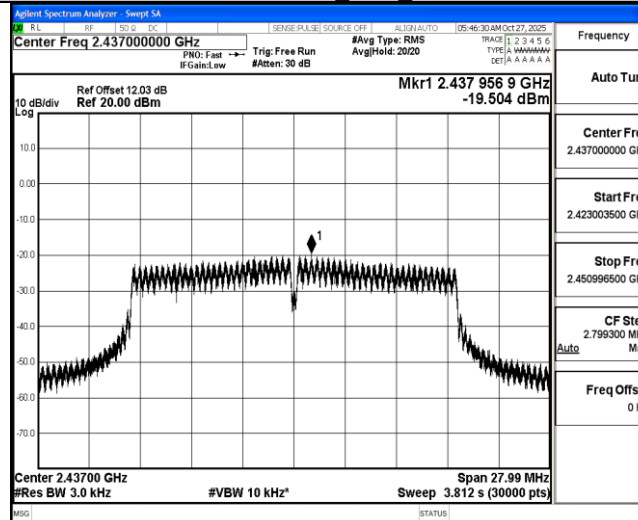
11N20MIMO Ant1 2412



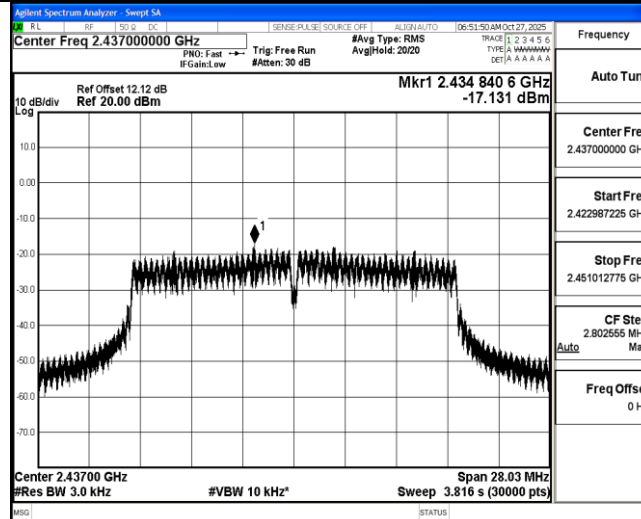
11N20MIMO Ant2 2412



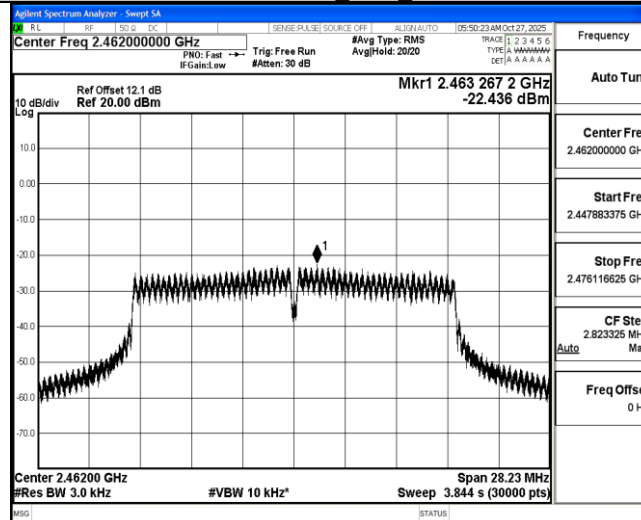
11N20MIMO Ant1 2437



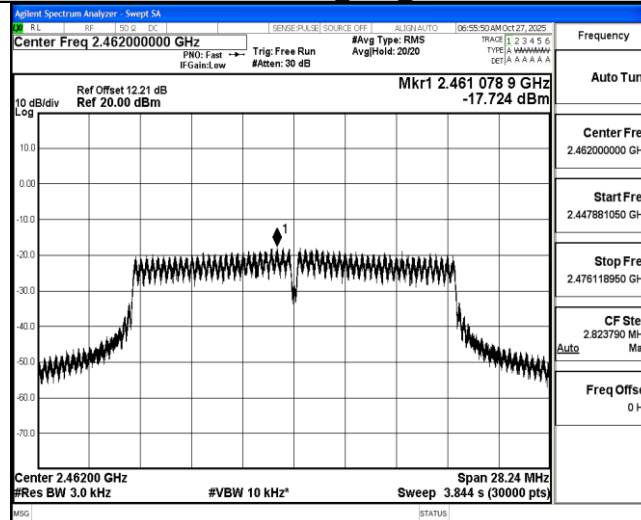
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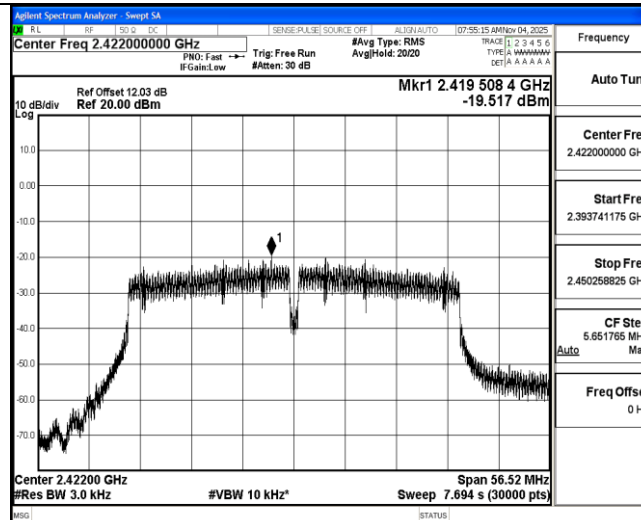
11N20MIMO Ant1 2462



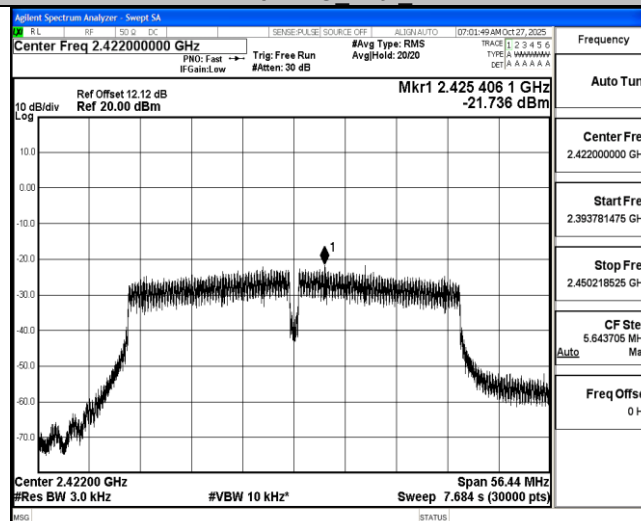
11N20MIMO Ant2 2462



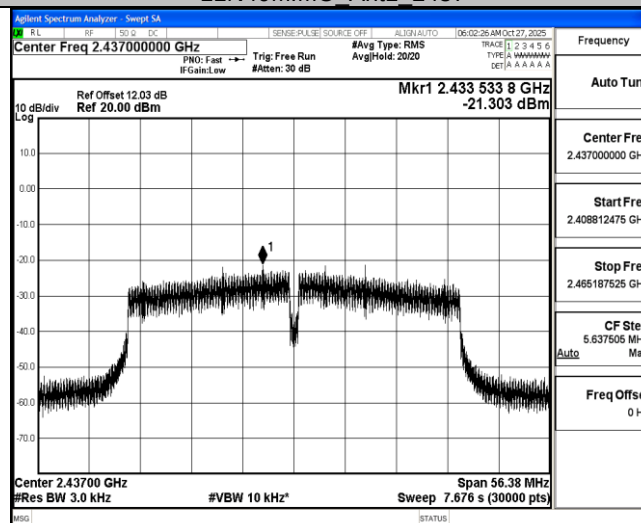
11N40MIMO Ant1 2422



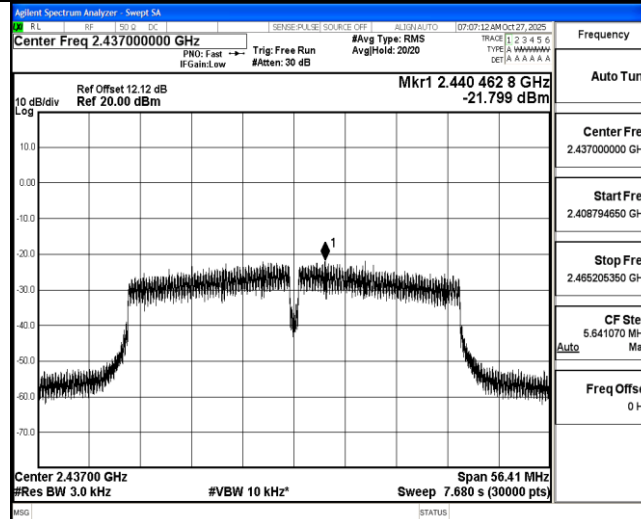
11N40MIMO Ant2 2422



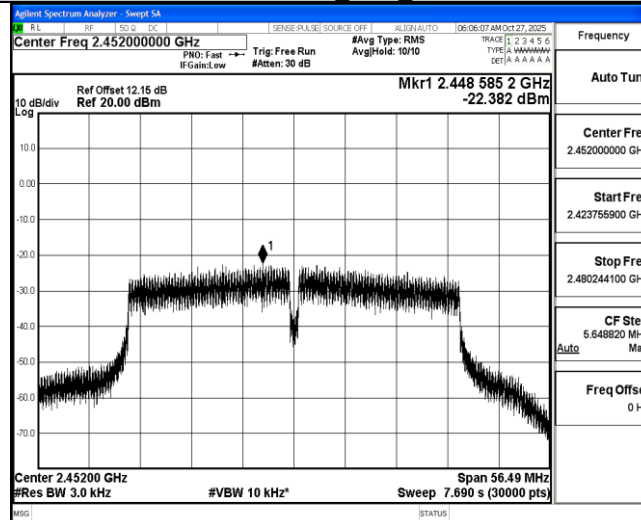
11N40MIMO Ant1 2437



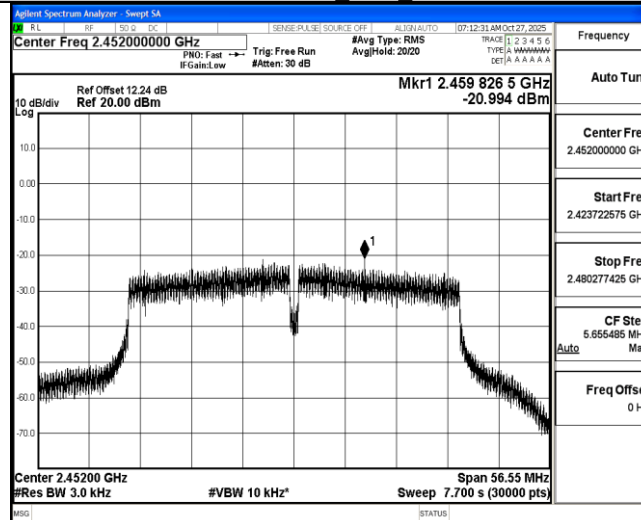
11N40MIMO Ant2 2437



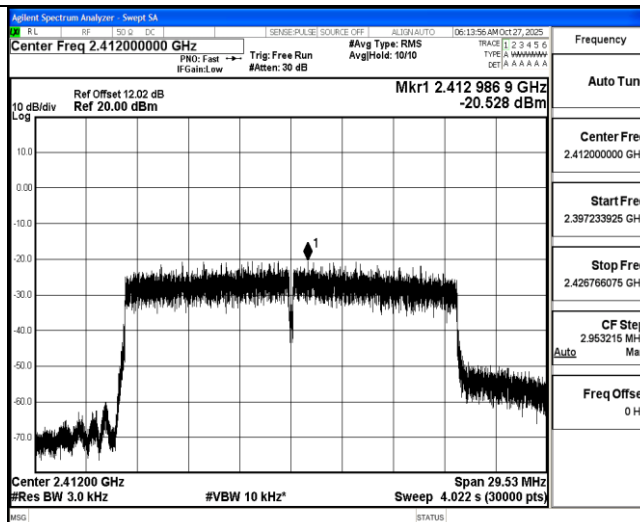
11N40MIMO Ant1 2452



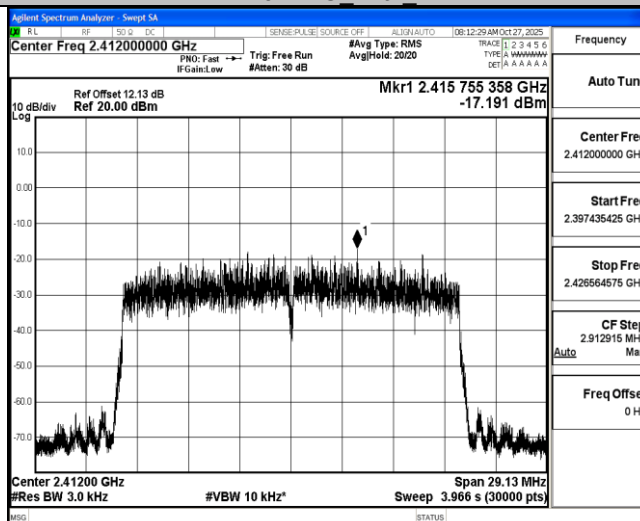
11N40MIMO Ant2 2452



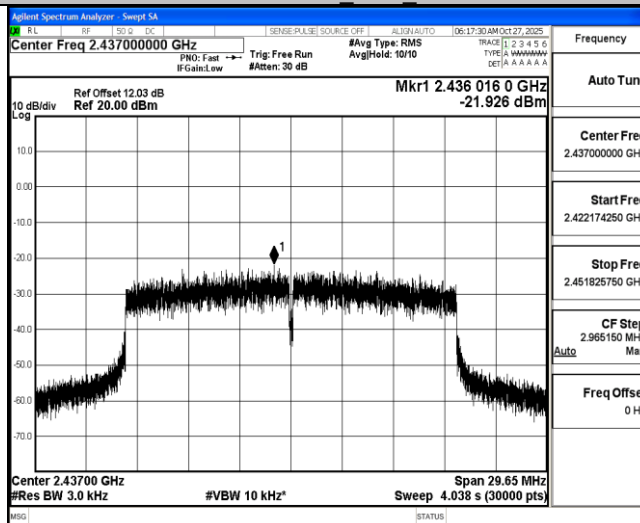
11AX20MIMO Ant1 2412



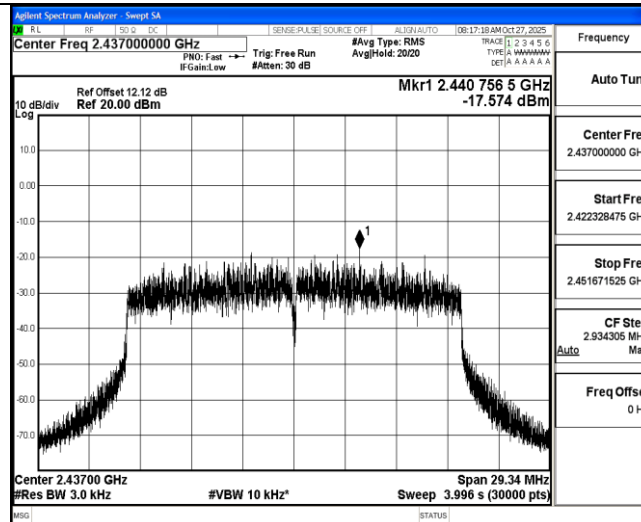
11AX20MIMO Ant2 2412



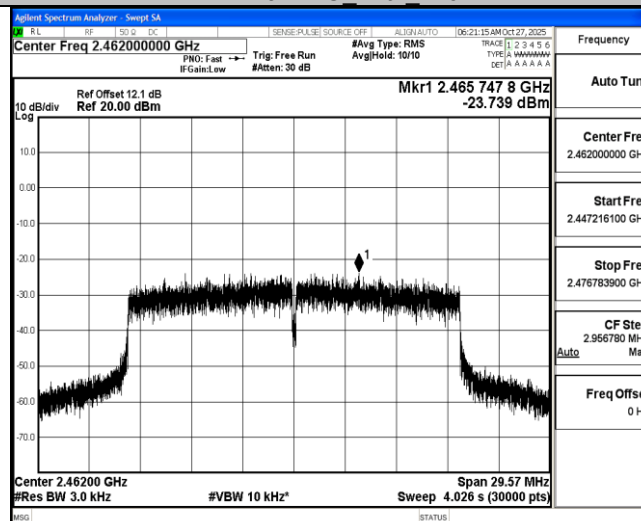
11AX20MIMO Ant1 2437



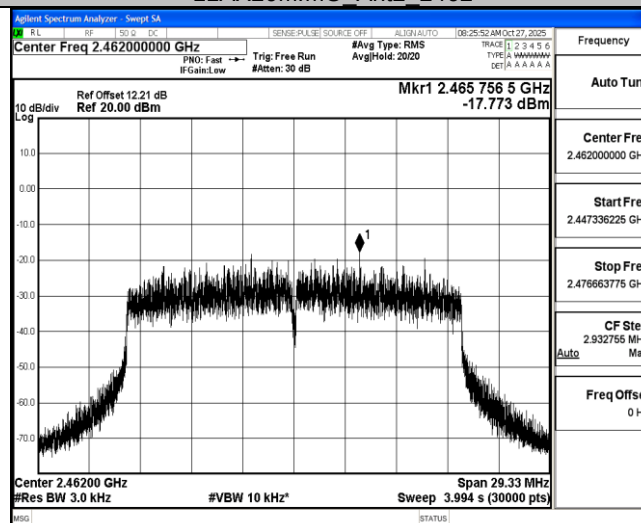
11AX20MIMO Ant2 2437



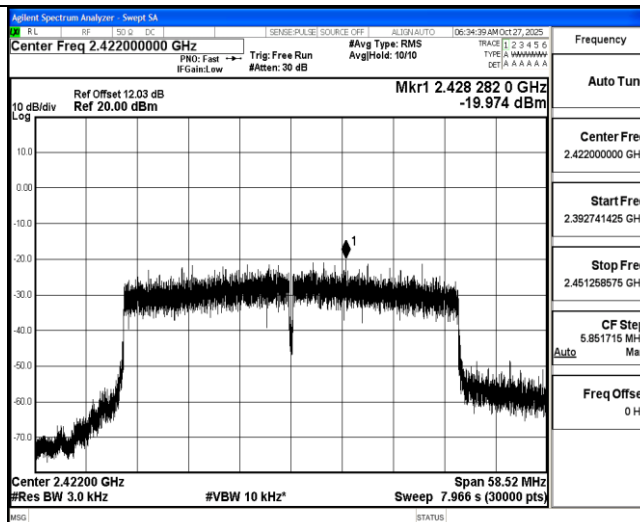
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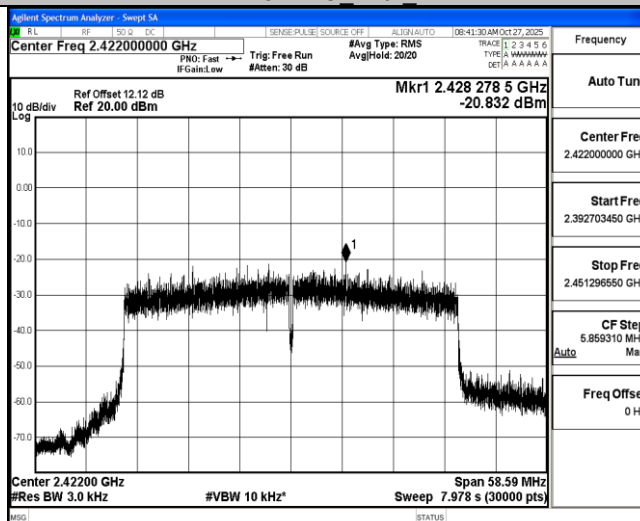
11AX20MIMO Ant2 2462



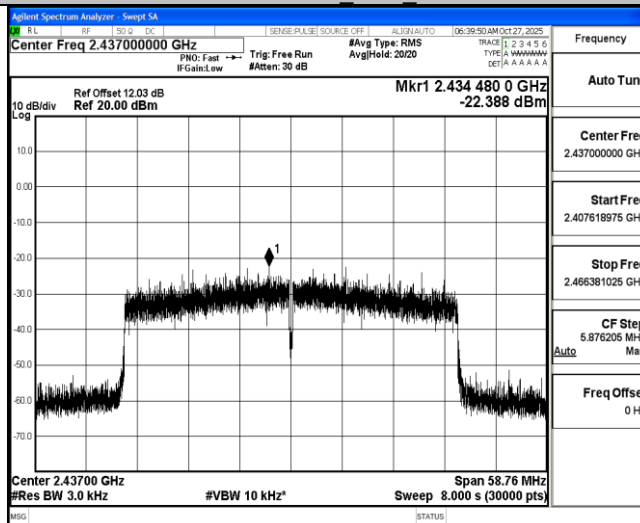
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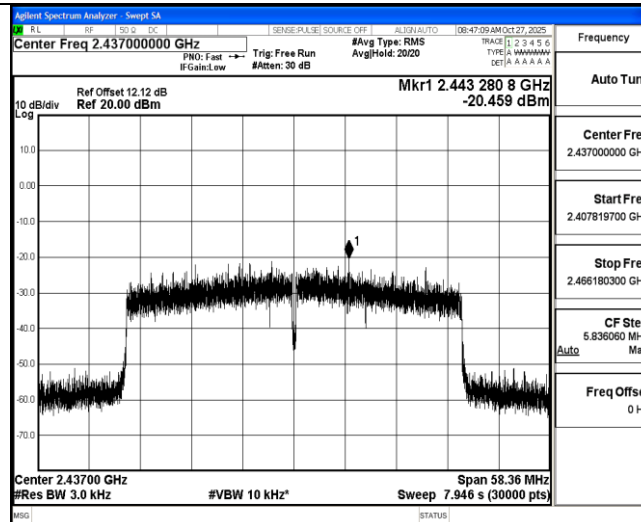
11AX40MIMO Ant2 2422



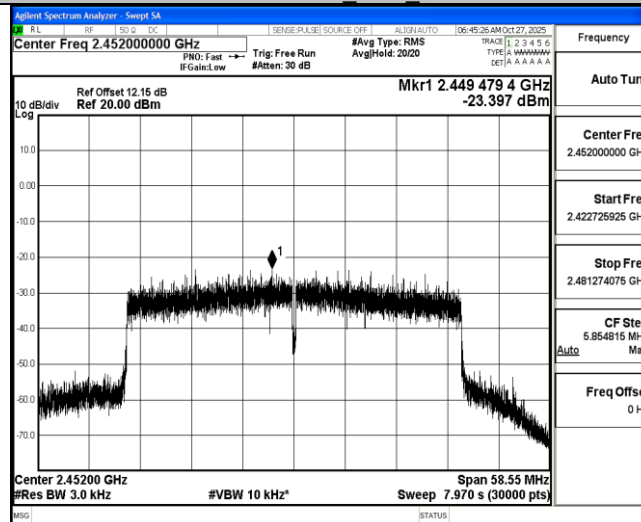
11AX40MIMO Ant1 2437



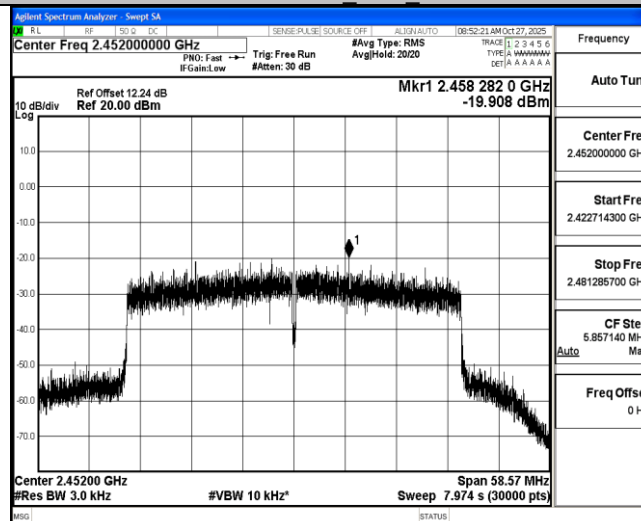
11AX40MIMO Ant2 2437



11AX40MIMO Ant1 2452



11AX40MIMO Ant2 2452



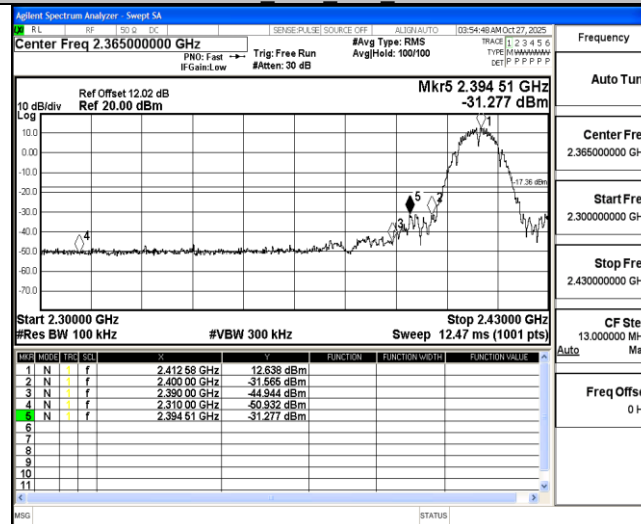
**Appendix E: Band edge measurements****Test Result**

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	12.64	-31.28	≤ -17.36	PASS
	Ant2	Low	2412	4.58	-43.52	≤ -25.42	PASS
	Ant1	High	2462	5.34	-47.29	≤ -24.66	PASS
	Ant2	High	2462	4.08	-46.37	≤ -25.92	PASS
11G	Ant1	Low	2412	2.89	-36.3	≤ -27.11	PASS
	Ant2	Low	2412	4.95	-37.39	≤ -25.06	PASS
	Ant1	High	2462	0.11	-47	≤ -29.89	PASS
	Ant2	High	2462	5.15	-47.41	≤ -24.85	PASS
11N20MIMO	Ant1	Low	2412	4.92	-36.13	≤ -25.08	PASS
	Ant2	Low	2412	1.79	-40.65	≤ -28.22	PASS
	Ant1	High	2462	-1.12	-47.2	≤ -31.12	PASS
	Ant2	High	2462	5.12	-46.1	≤ -24.88	PASS
11N40MIMO	Ant1	Low	2422	1.26	-36.2	≤ -28.74	PASS
	Ant2	Low	2422	-0.12	-37.44	≤ -30.12	PASS
	Ant1	High	2452	-0.73	-46.87	≤ -30.73	PASS
	Ant2	High	2452	0.52	-46.15	≤ -29.48	PASS
11AX20MIMO	Ant1	Low	2412	1.43	-41.7	≤ -28.58	PASS
	Ant2	Low	2412	3.50	-41.28	≤ -26.5	PASS
	Ant1	High	2462	-0.58	-46.94	≤ -30.58	PASS
	Ant2	High	2462	2.28	-46.91	≤ -27.72	PASS
11AX40MIMO	Ant1	Low	2422	1.23	-37.3	≤ -28.77	PASS
	Ant2	Low	2422	0.44	-37.06	≤ -29.56	PASS
	Ant1	High	2452	-1.40	-46.51	≤ -31.4	PASS
	Ant2	High	2452	1.33	-44.05	≤ -28.67	PASS

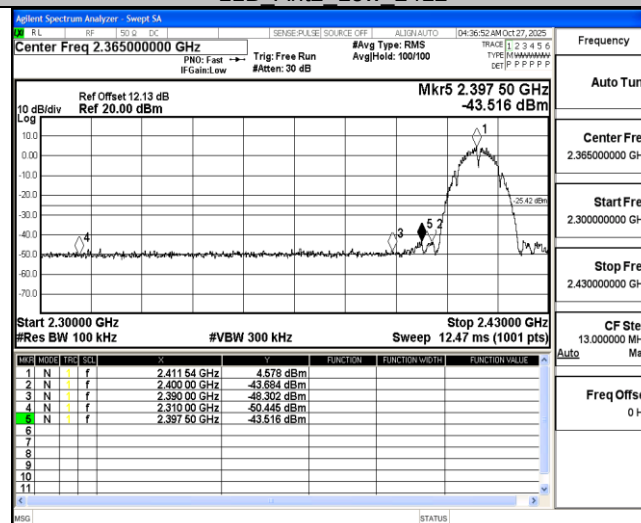


Test Graphs

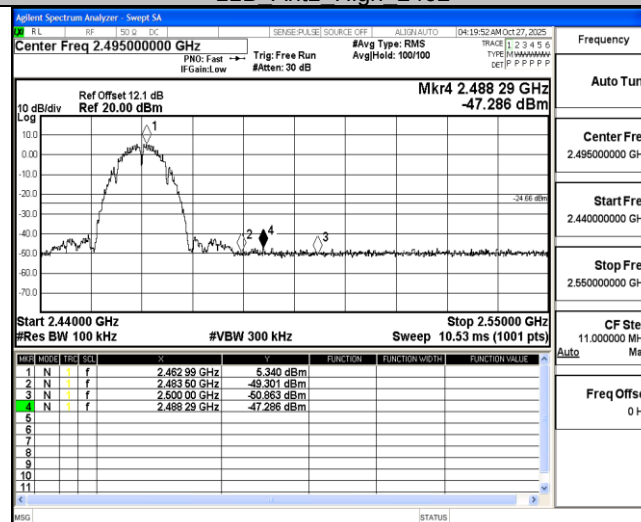
11B Ant1 Low 2412



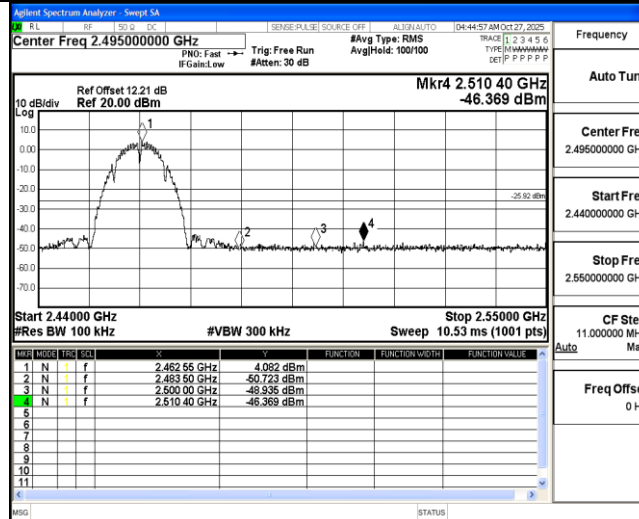
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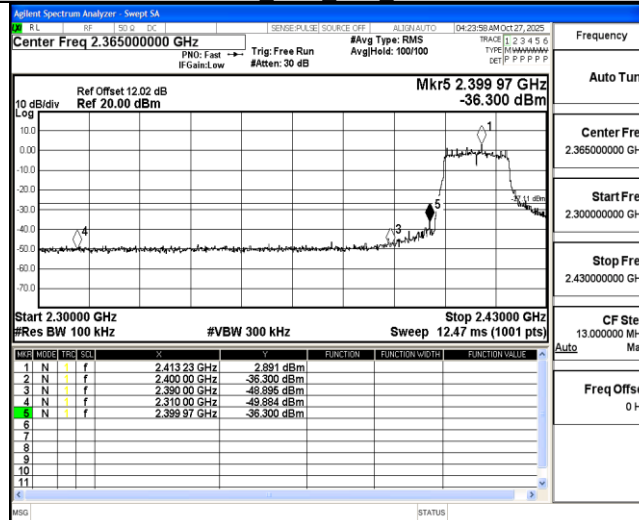
11B Ant1 High 2462



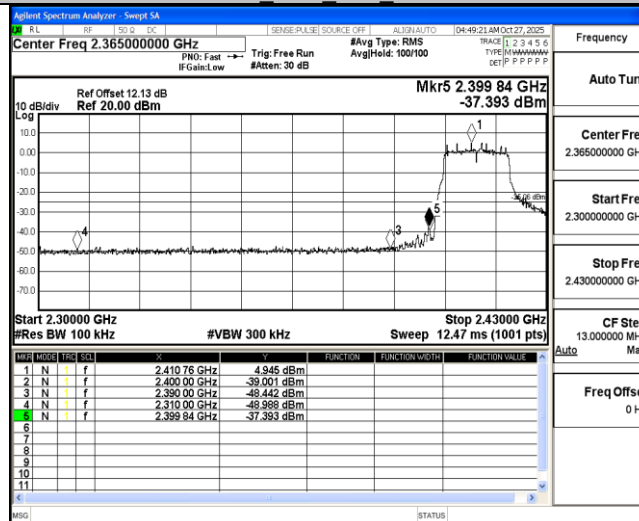
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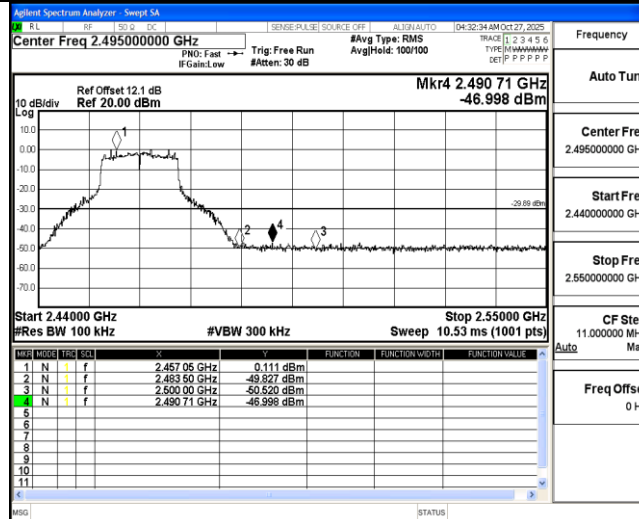
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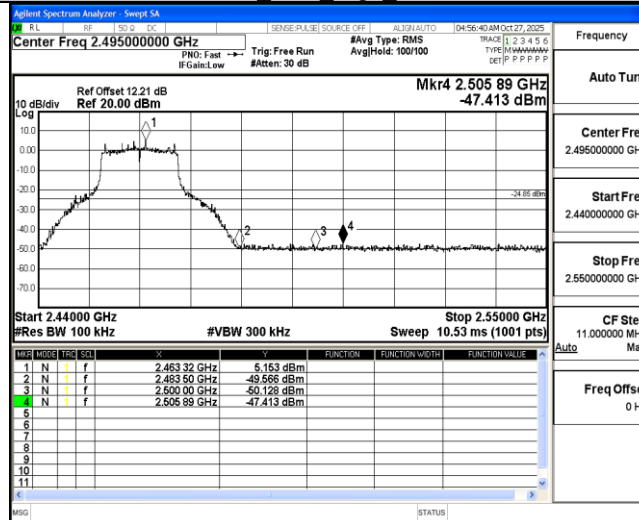
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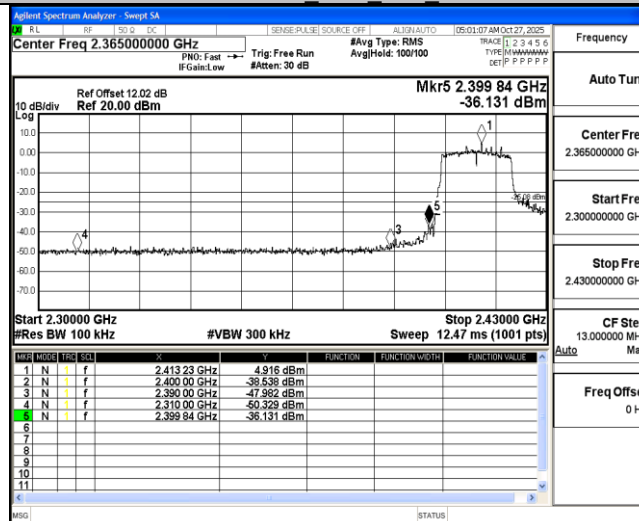
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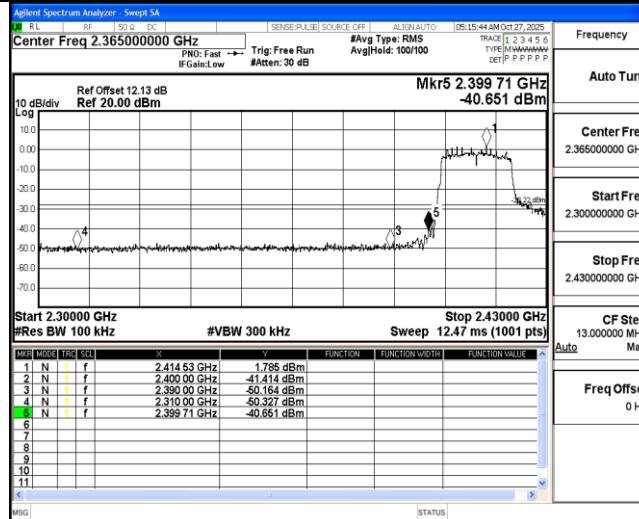
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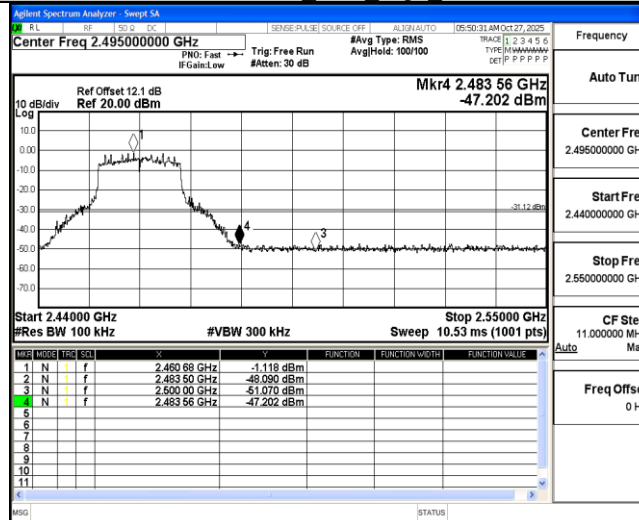
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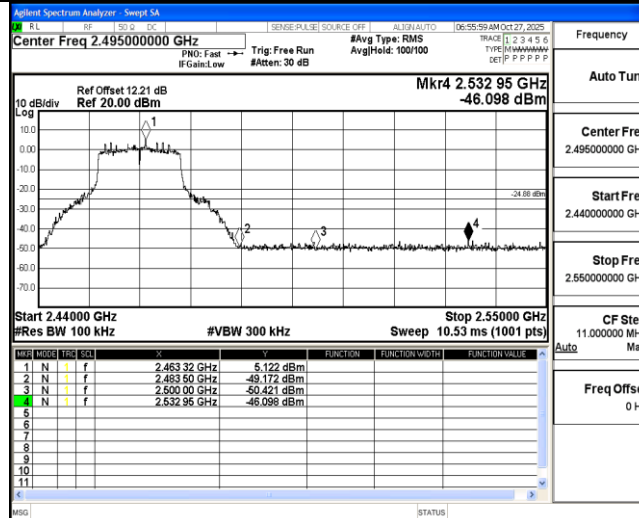
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11N20MIMO Ant1 High 2462



11N20MIMO Ant2 High 2462



11N40MIMO Ant1 Low 2422