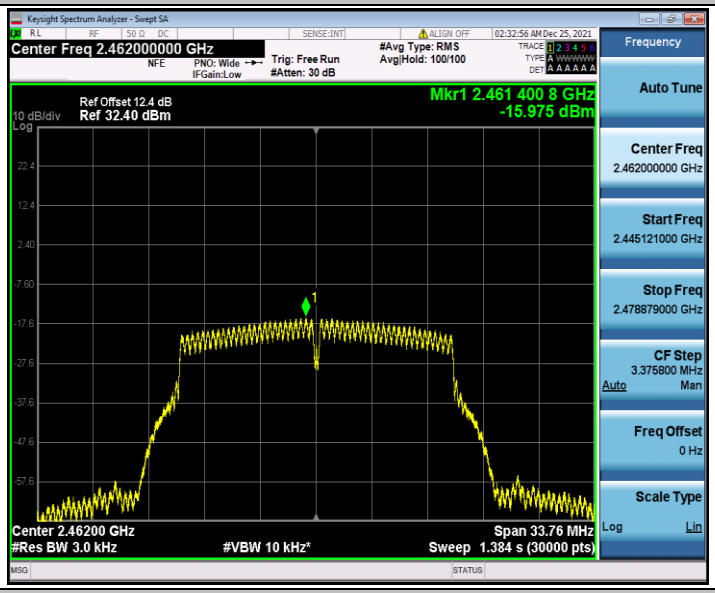
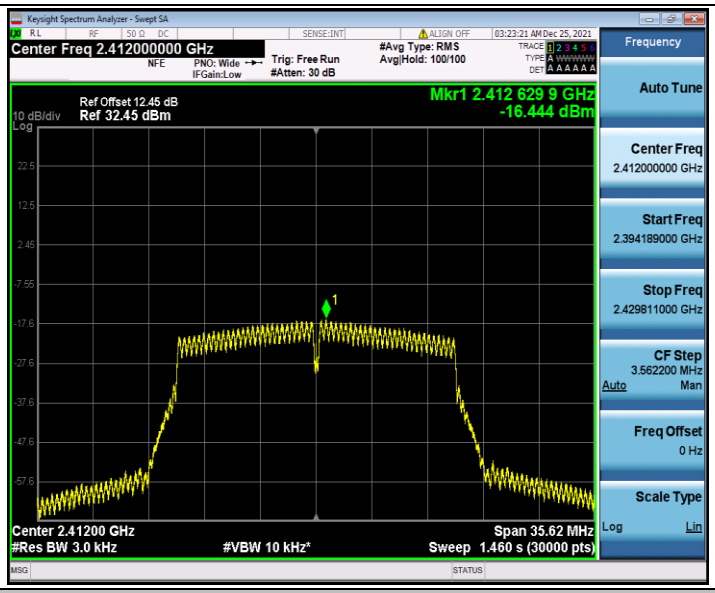
11G_Ant1_2462

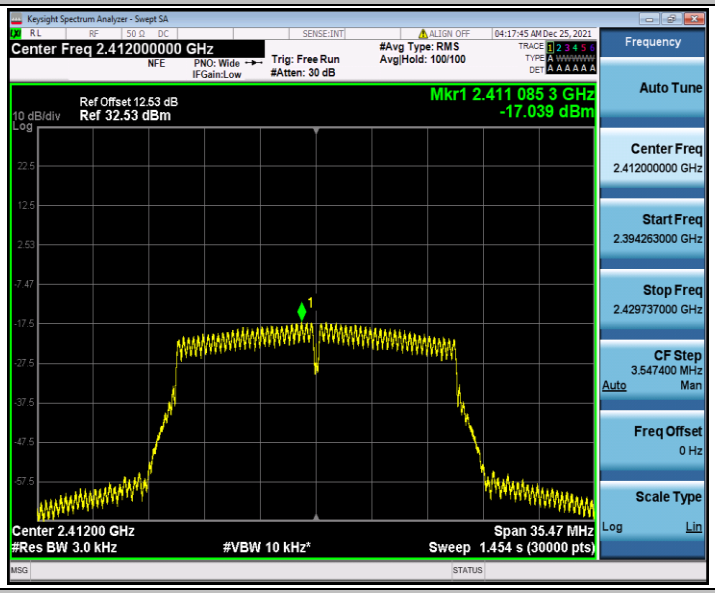


11G_Ant2_2462

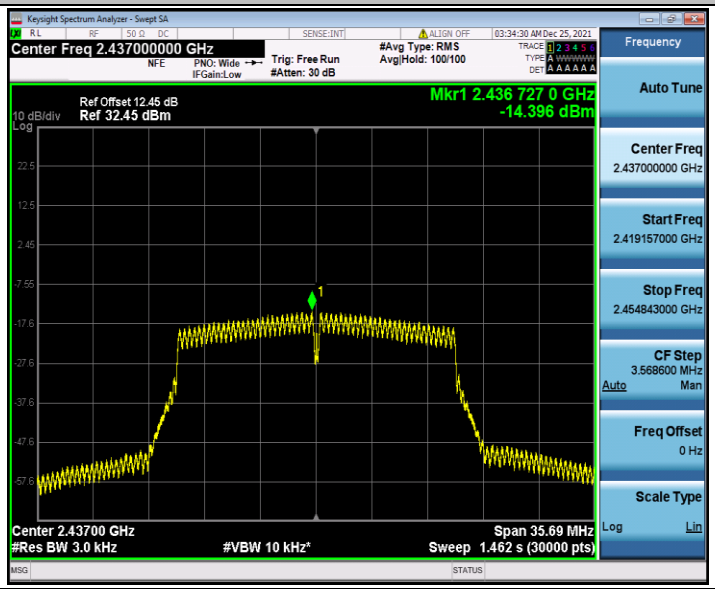
11N20SISO_Ant1_2412



11N20SISO_Ant2_2412



11N20SISO_Ant1_2437



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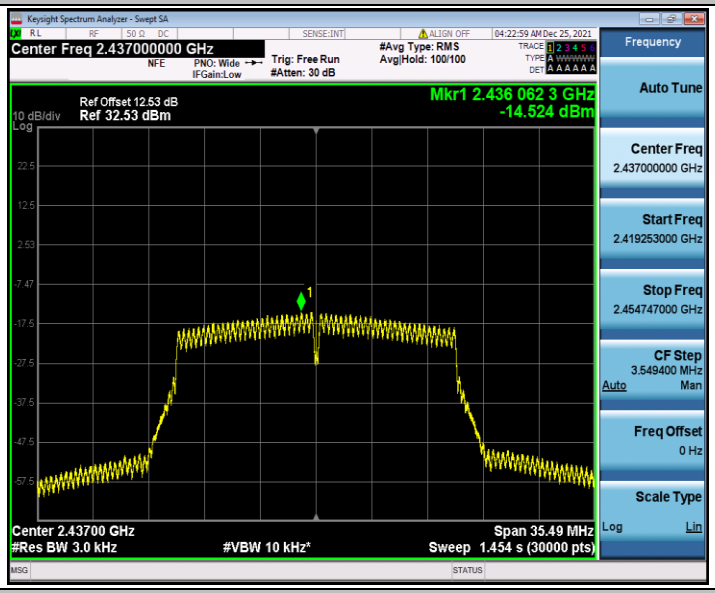

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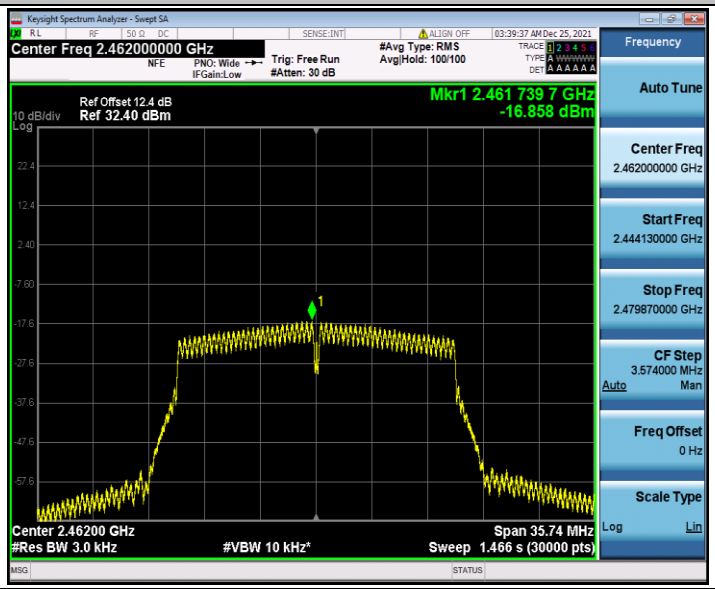

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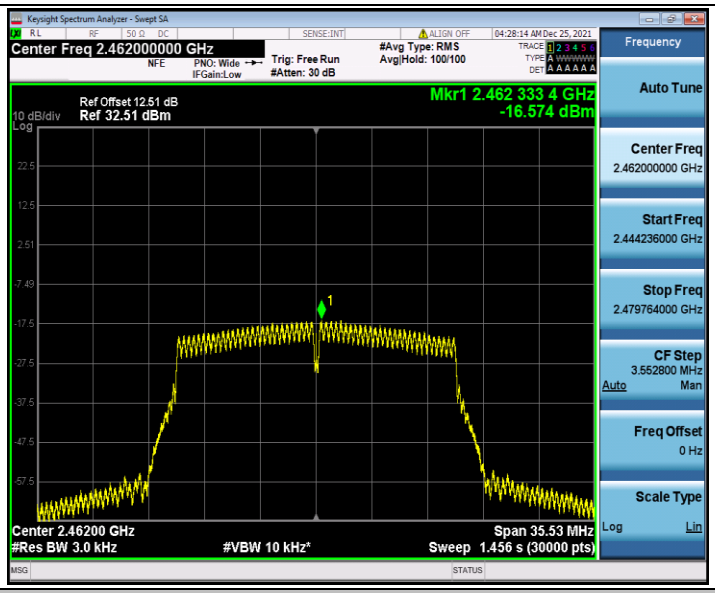
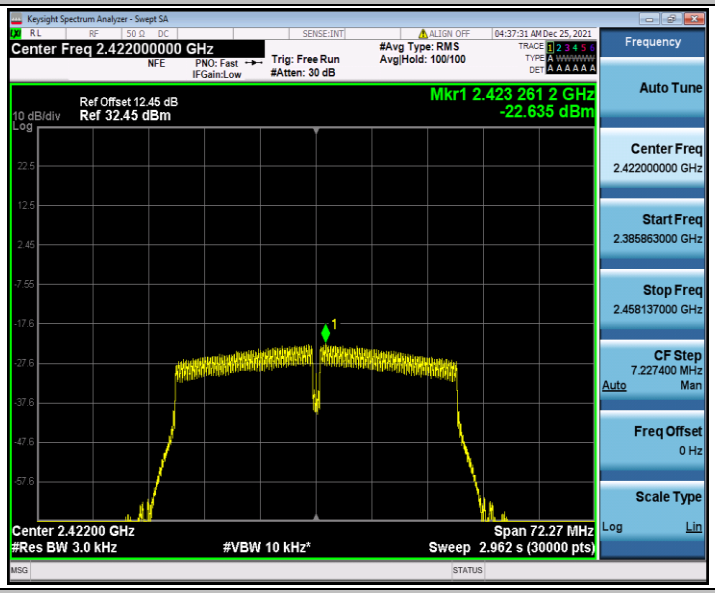


11N40SISO_Ant1_2422



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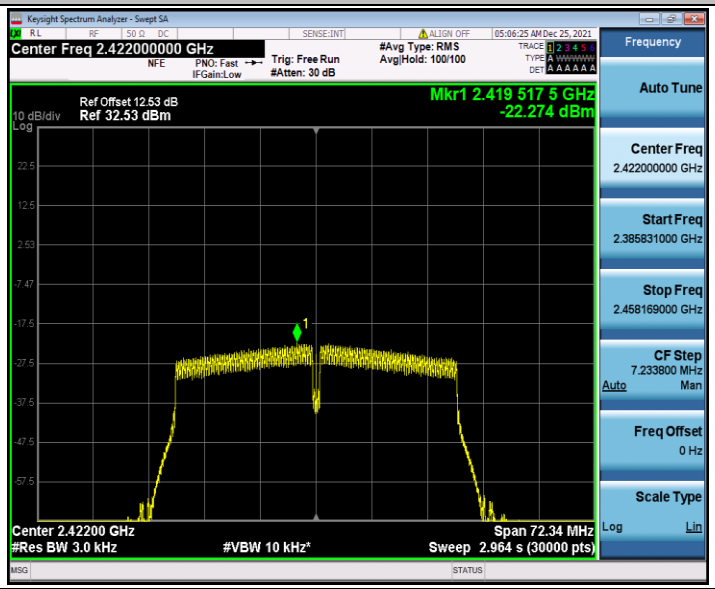

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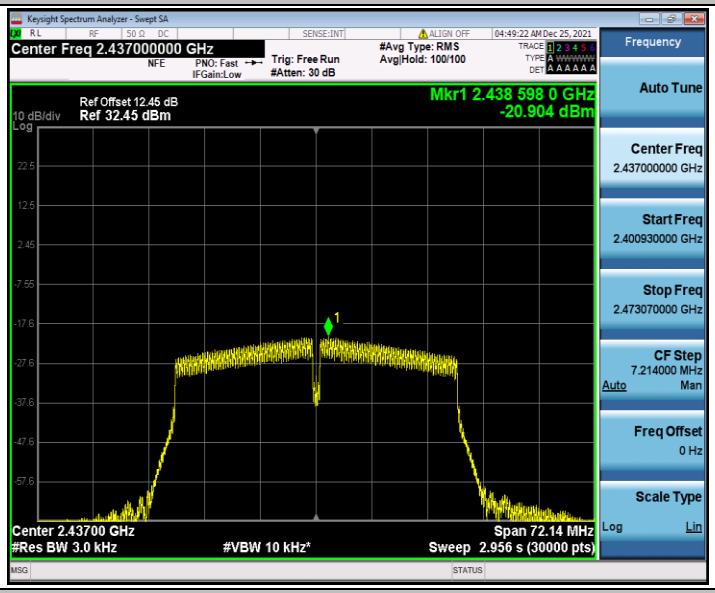

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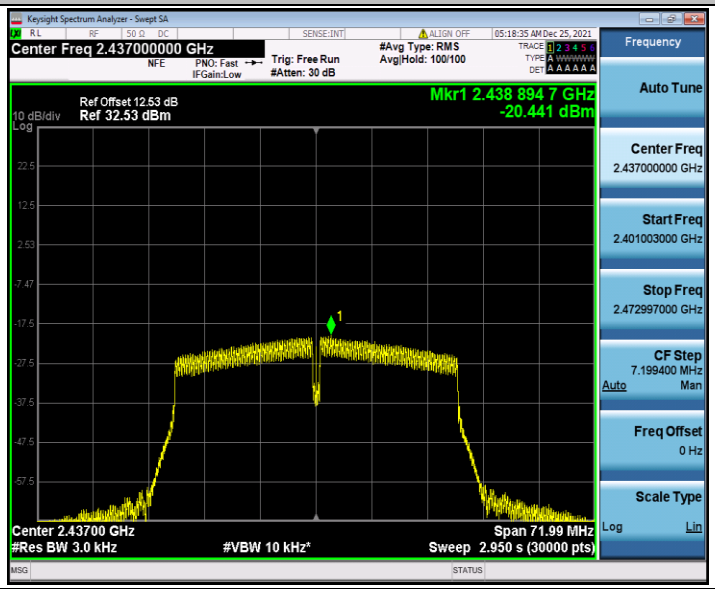
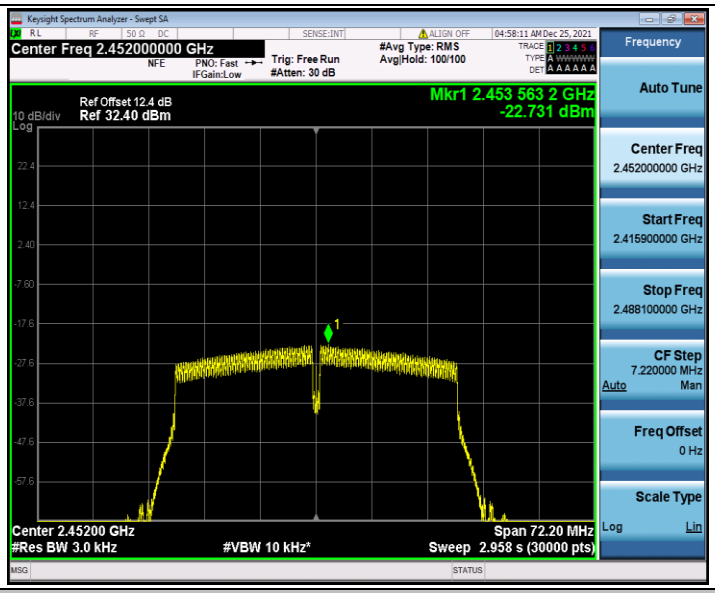
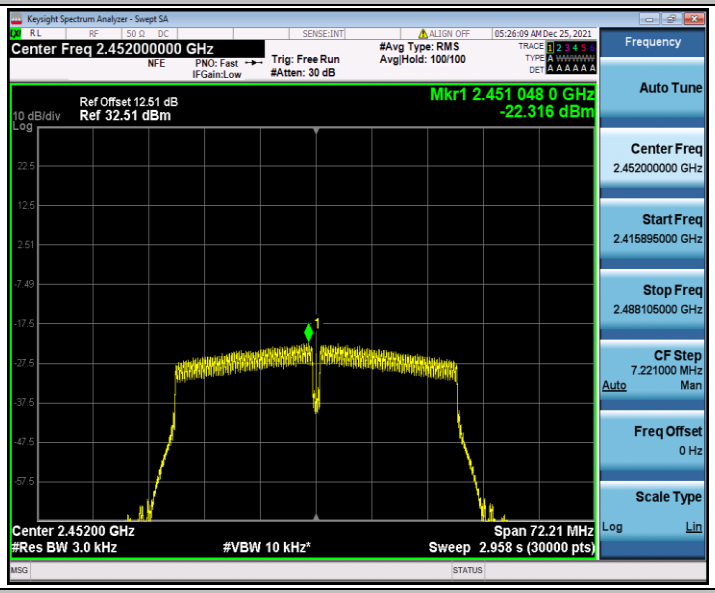


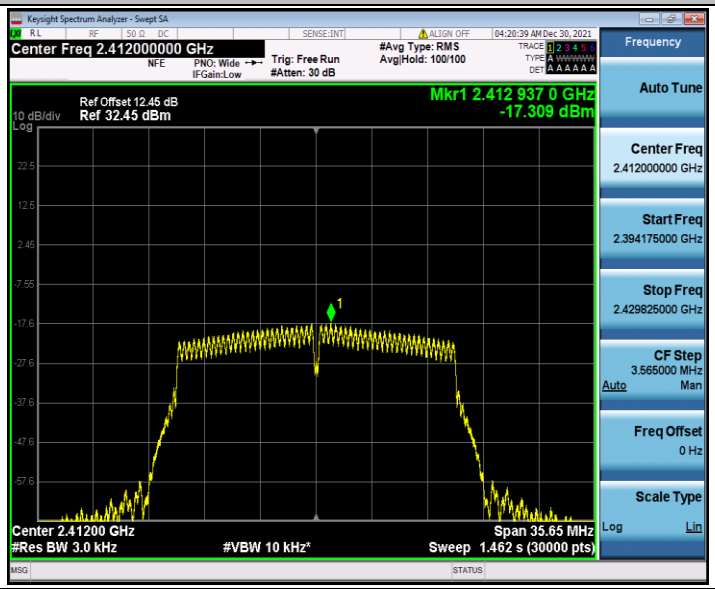
11N40SISO_Ant1_2452



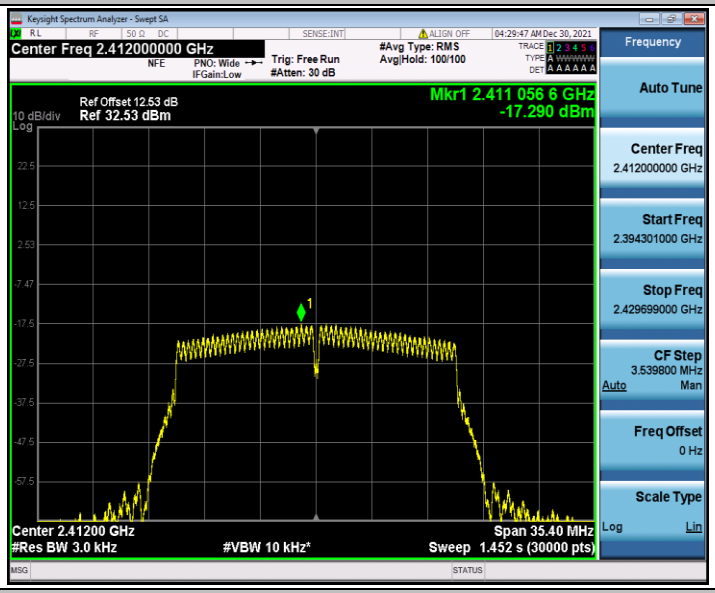
11N40SISO_Ant2_2452



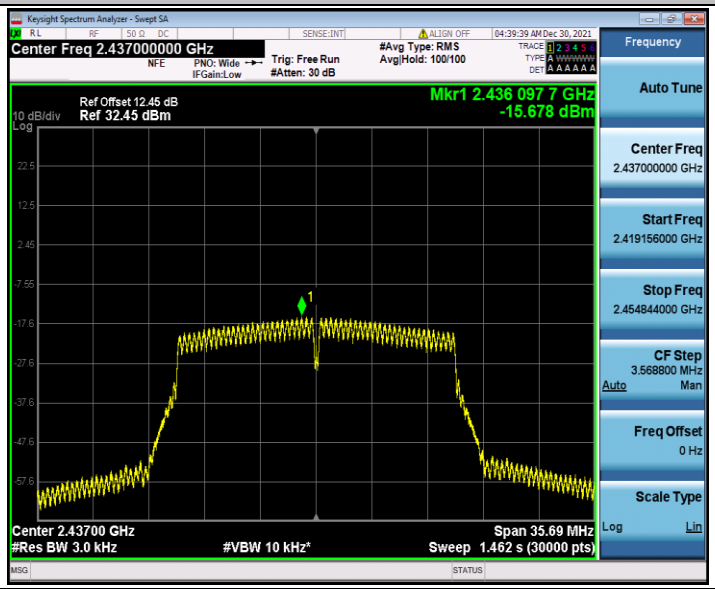
11N20MIMO_Ant1_2412



11N20MIMO_Ant2_2412



11N20MIMO_Ant1_2437



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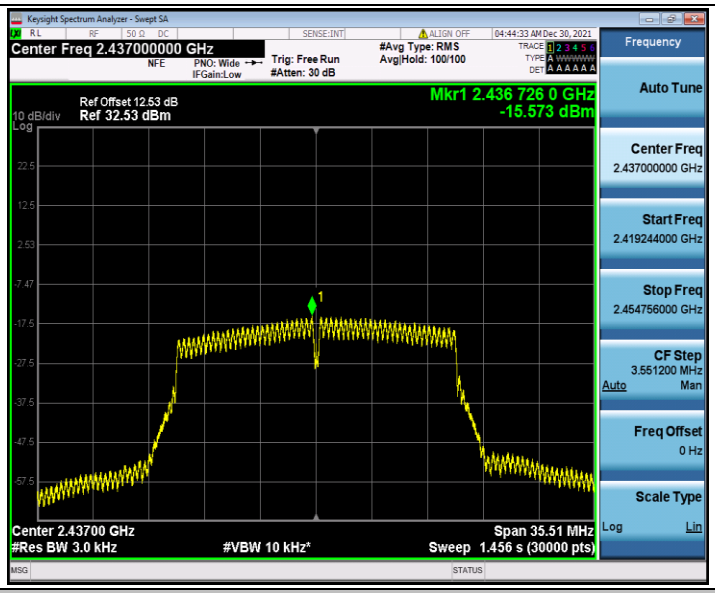
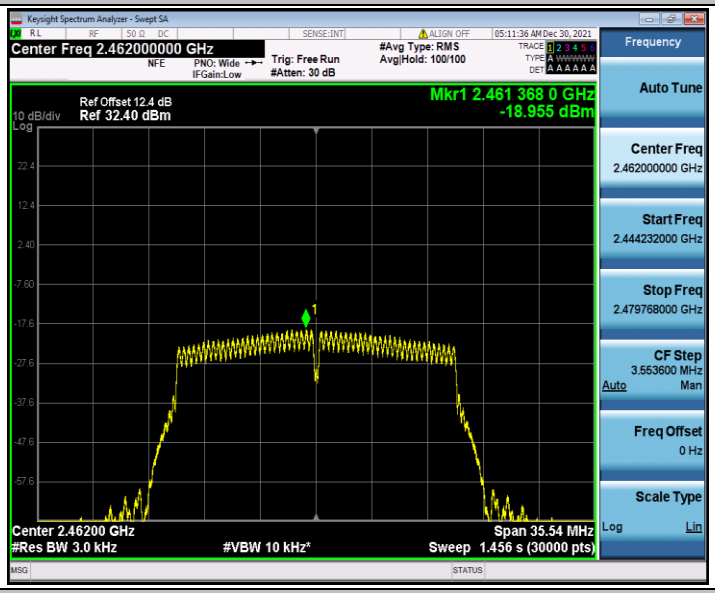


11N20MIMO_Ant1_2462



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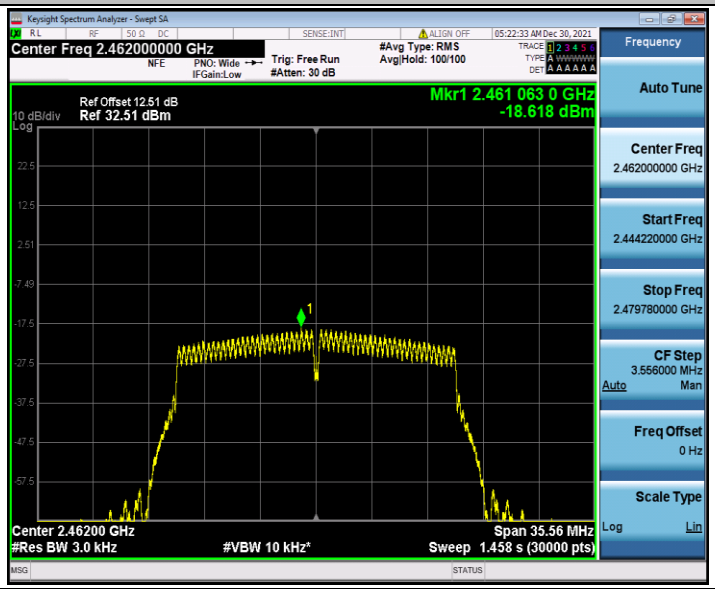
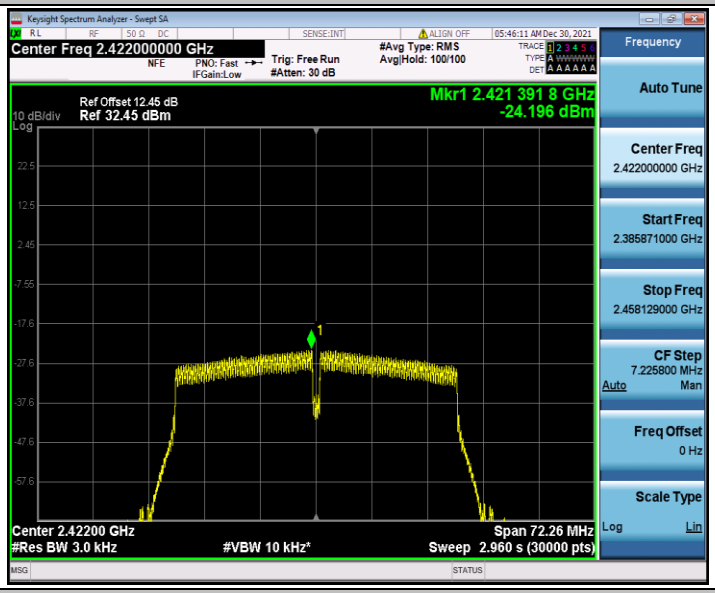


11N40MIMO_Ant1_2422



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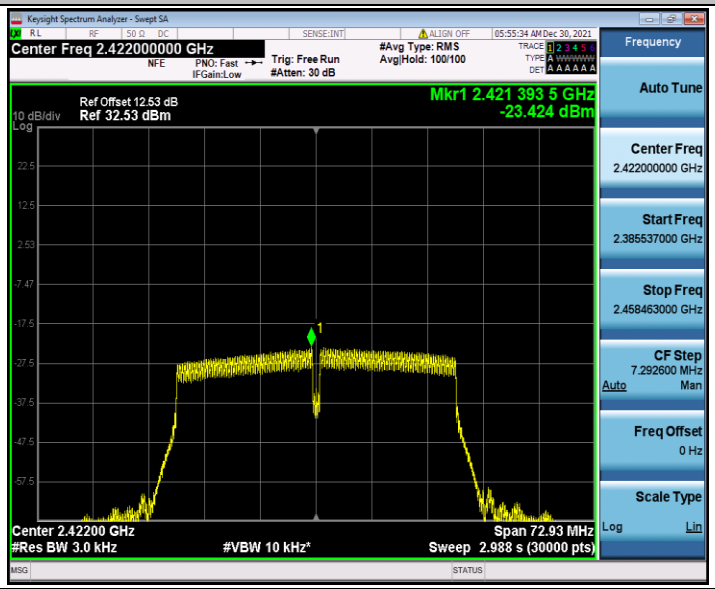

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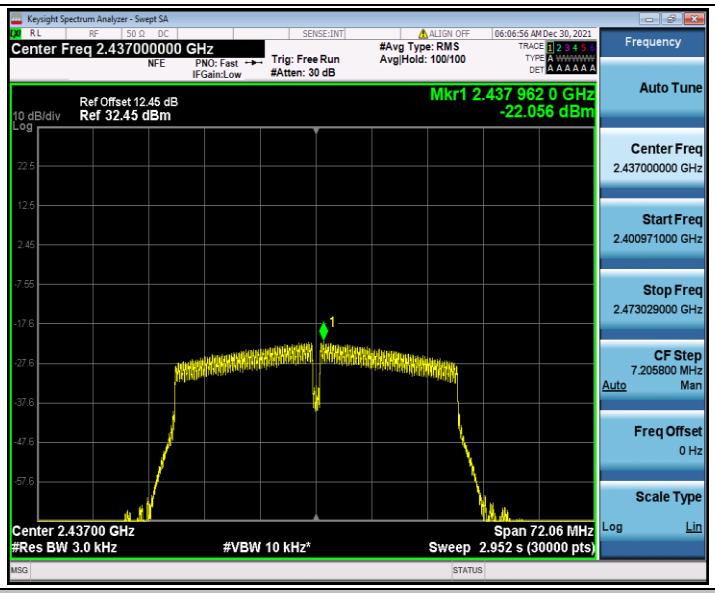

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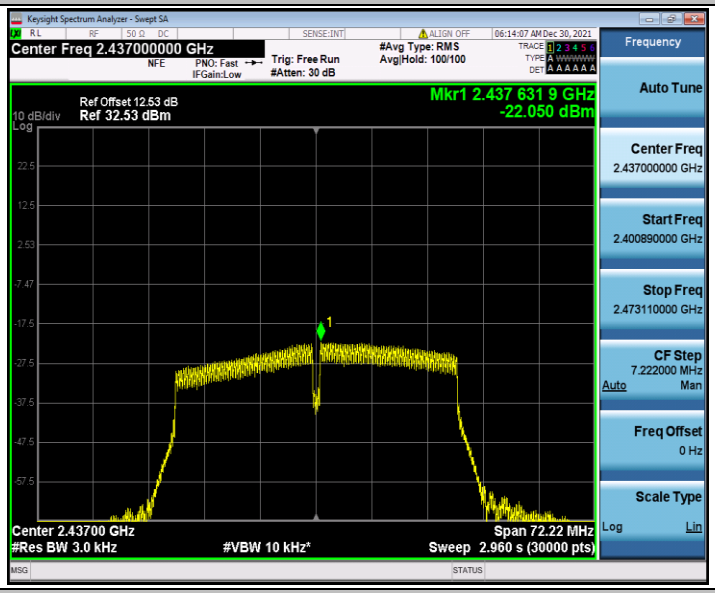
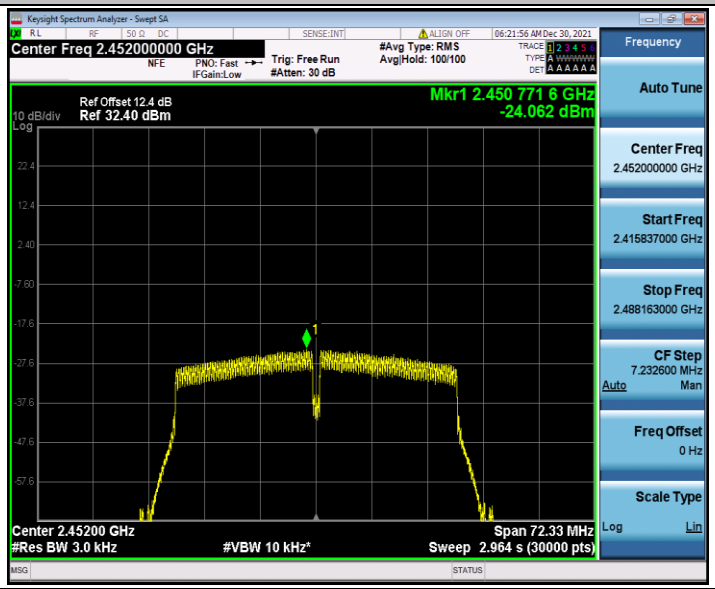
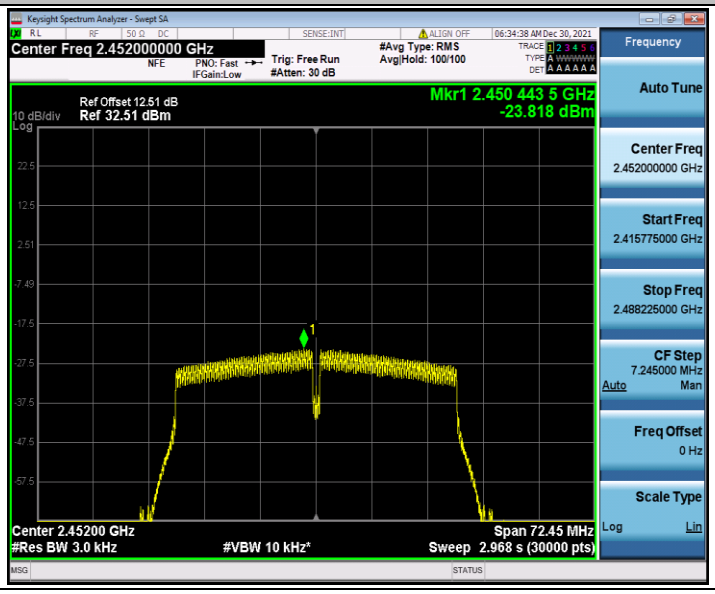


11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



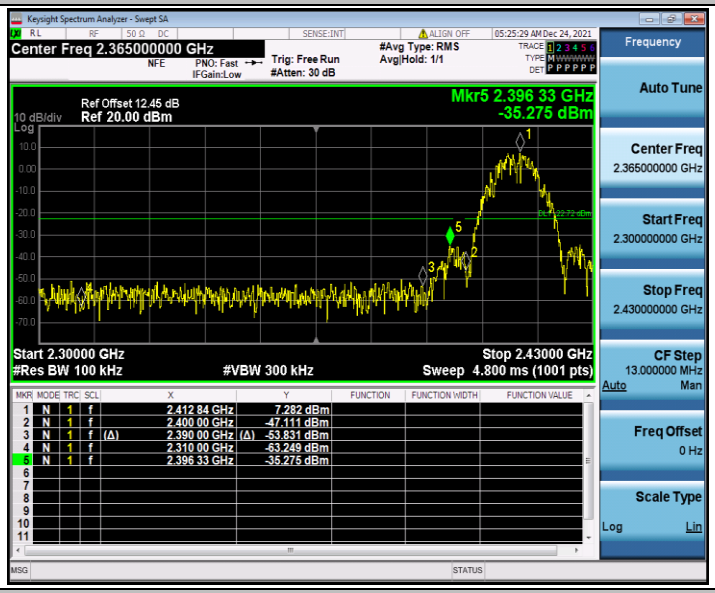
Appendix E: Band edge measurements

Test Result

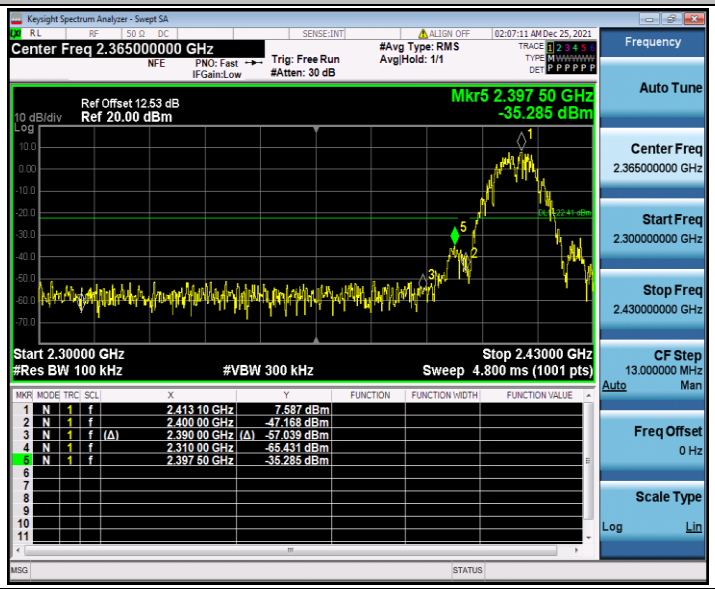
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.28	-35.28	≤-22.72	PASS
	Ant2	Low	2412	7.59	-35.29	≤-22.41	PASS
	Ant1	High	2462	8.19	-49.61	≤-21.81	PASS
	Ant2	High	2462	6.78	-50.01	≤-23.23	PASS
11G	Ant1	Low	2412	2.88	-37.26	≤-27.12	PASS
	Ant2	Low	2412	3.63	-36.57	≤-26.37	PASS
	Ant1	High	2462	2.58	-45.15	≤-27.42	PASS
	Ant2	High	2462	3.47	-47.65	≤-26.53	PASS
11N20MIMO	Ant1	Low	2412	2.21	-39.74	≤-27.79	PASS
	Ant2	Low	2412	2.33	-38.32	≤-27.67	PASS
	Ant1	High	2462	0.87	-45.99	≤-29.13	PASS
	Ant2	High	2462	1.67	-47.11	≤-28.33	PASS
11N40MIMO	Ant1	Low	2422	-4.31	-44.56	≤-34.31	PASS
	Ant2	Low	2422	-3.08	-41.44	≤-33.08	PASS
	Ant1	High	2452	-4.52	-49.31	≤-34.52	PASS
	Ant2	High	2452	-4.26	-48.79	≤-34.26	PASS

Test Graphs

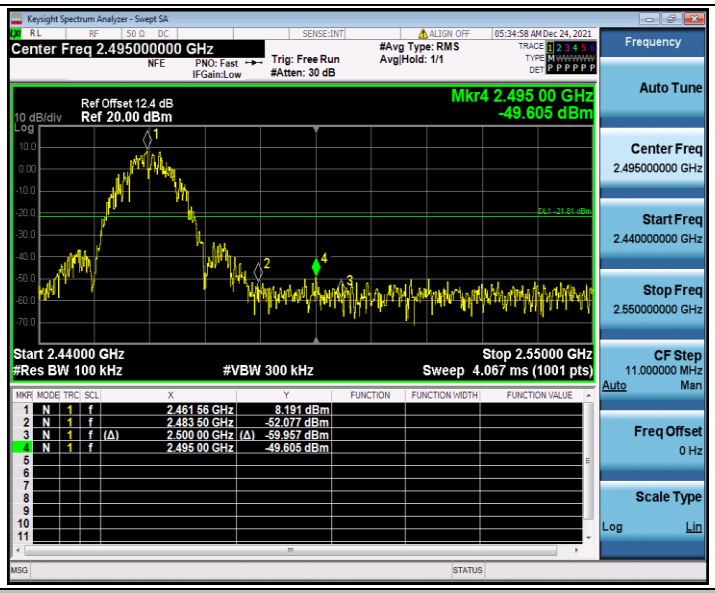
11B_Ant1_Low_2412



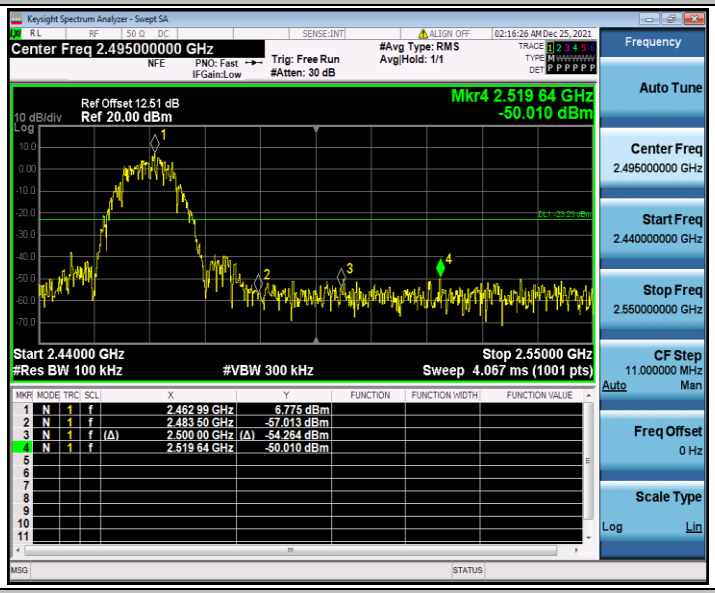
11B_Ant2_Low_2412



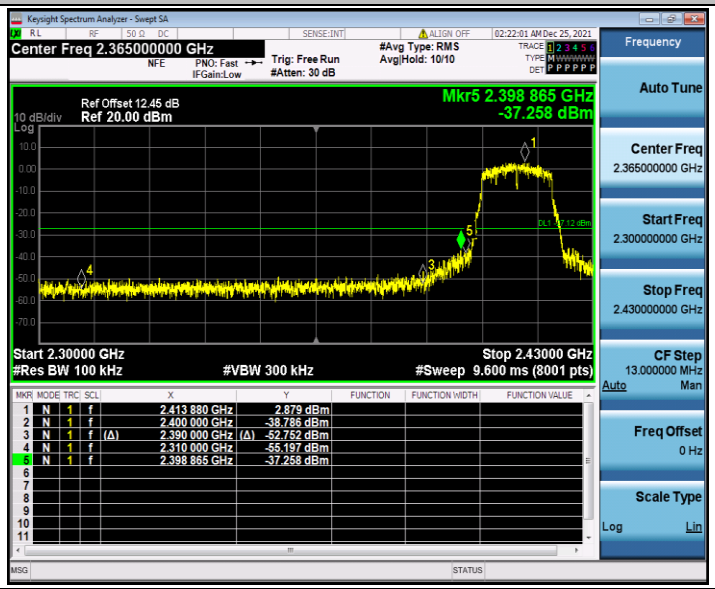
11B_Ant1_High_2462



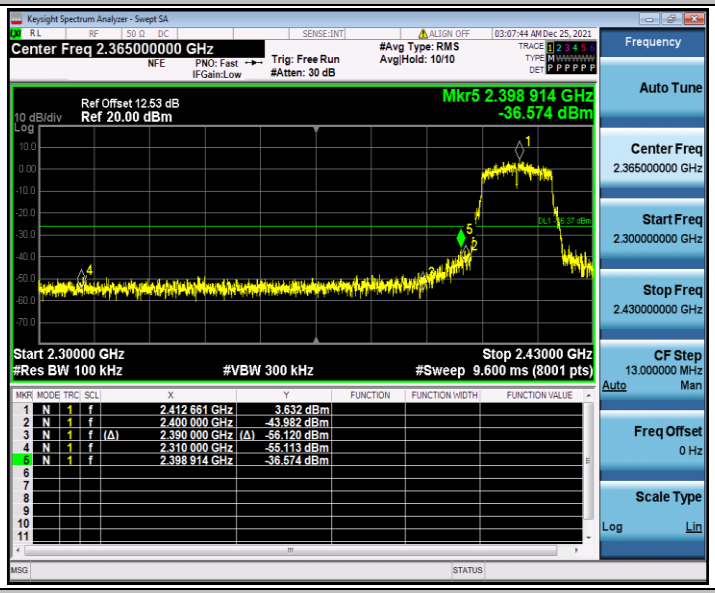
11B_Ant2_High_2462



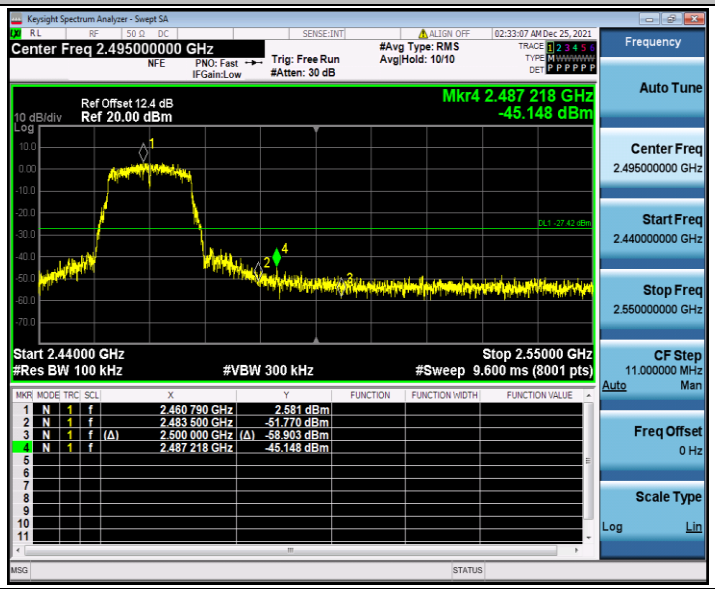
11G_Ant1_Low_2412



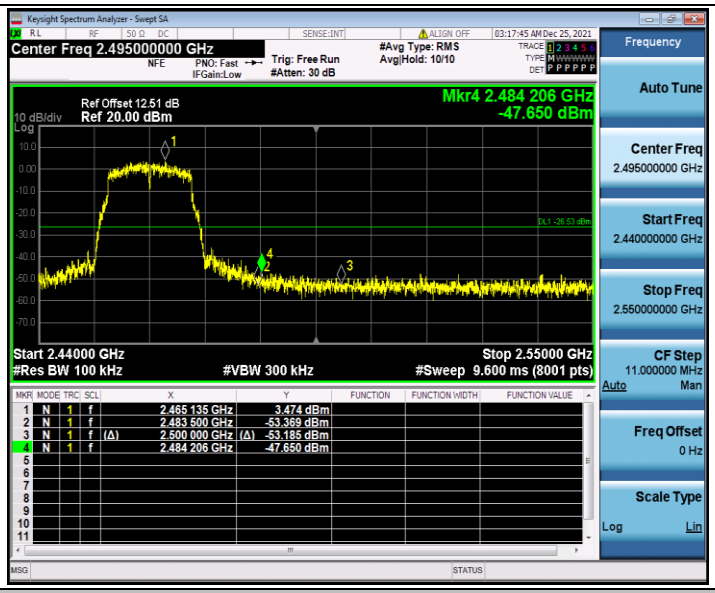
11G_Ant2_Low_2412



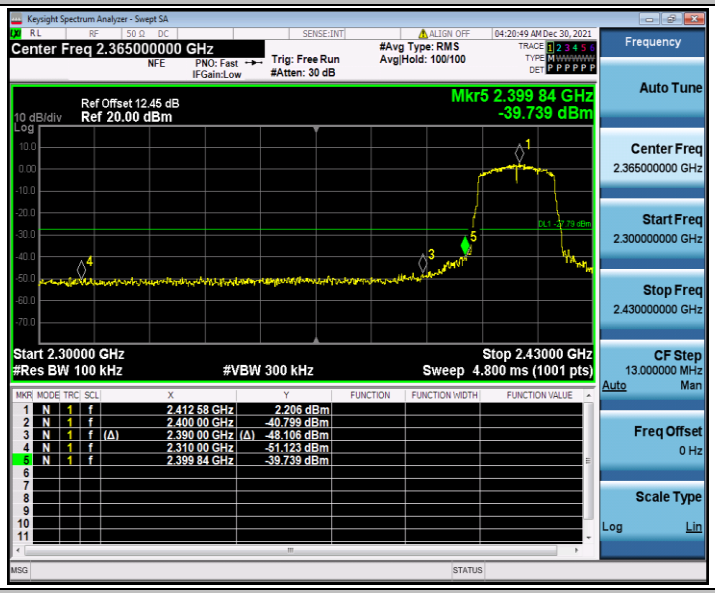
11G_Ant1_High_2462



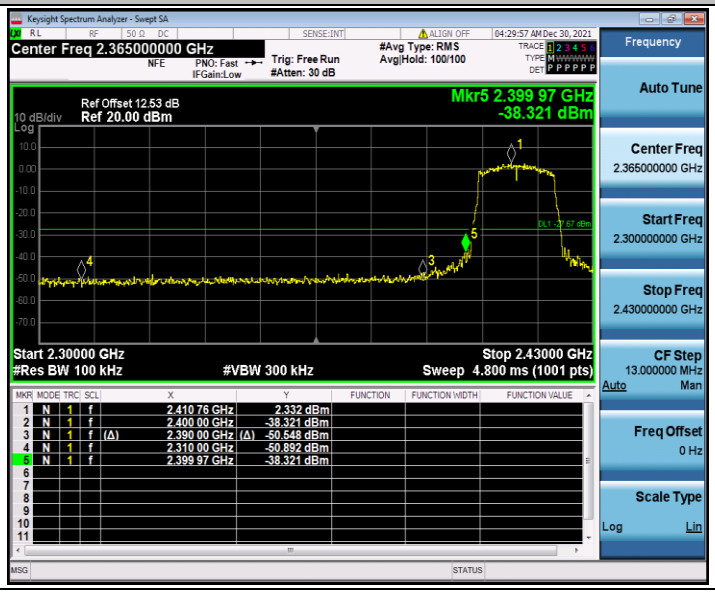
11G_Ant2_High_2462



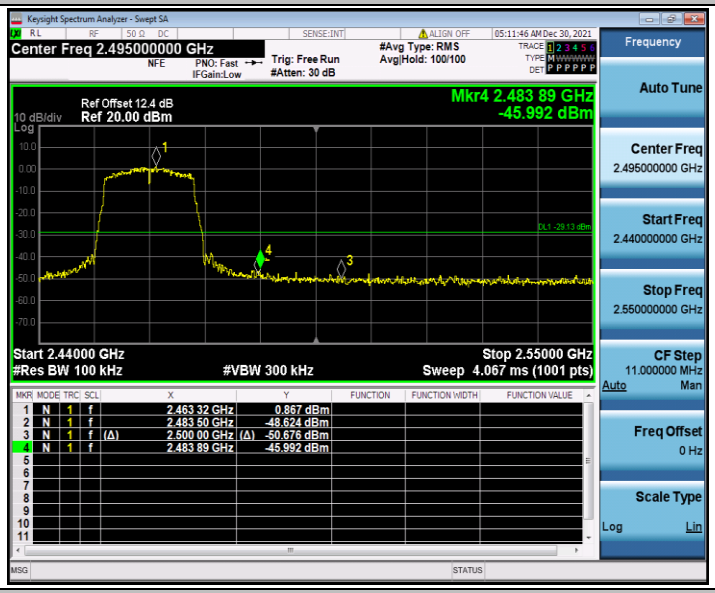
11N20MIMO_Ant1_Low_2412



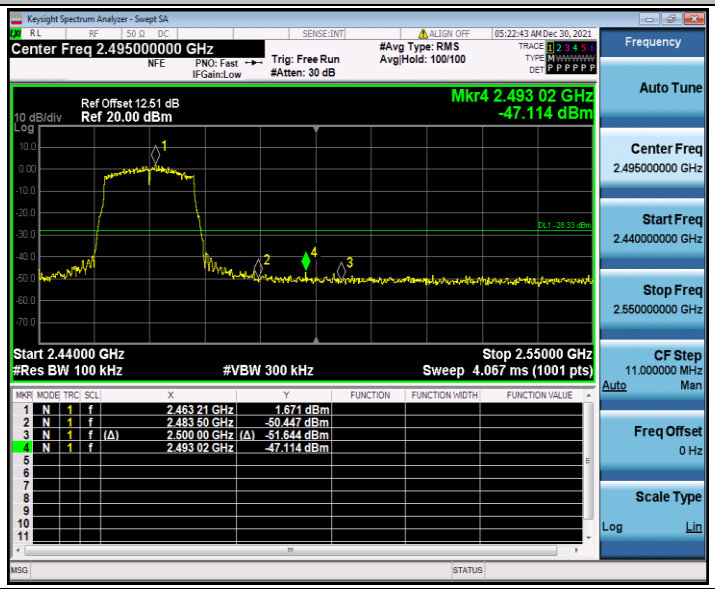
11N20MIMO_Ant2_Low_2412



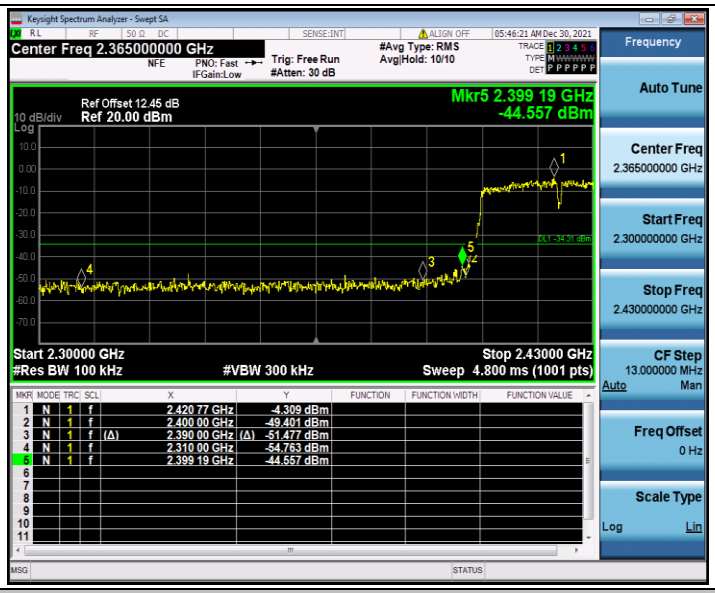
11N20MIMO_Ant1_High_2462



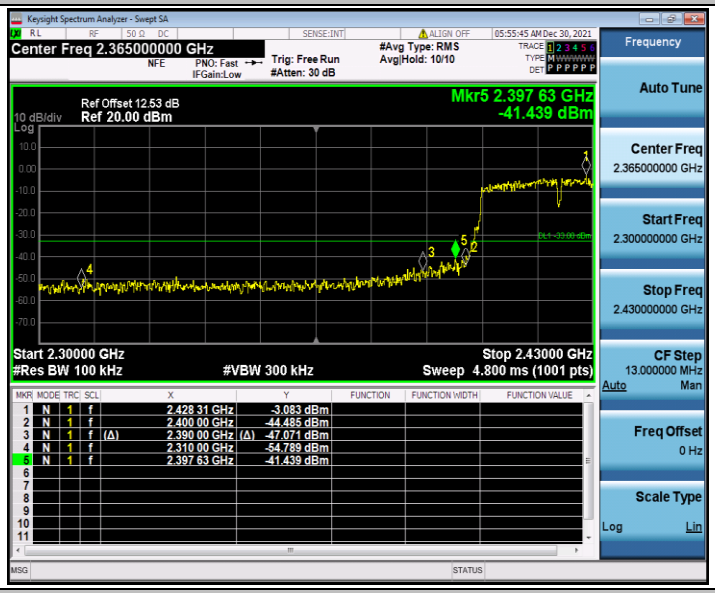
11N20MIMO_Ant2_High_2462



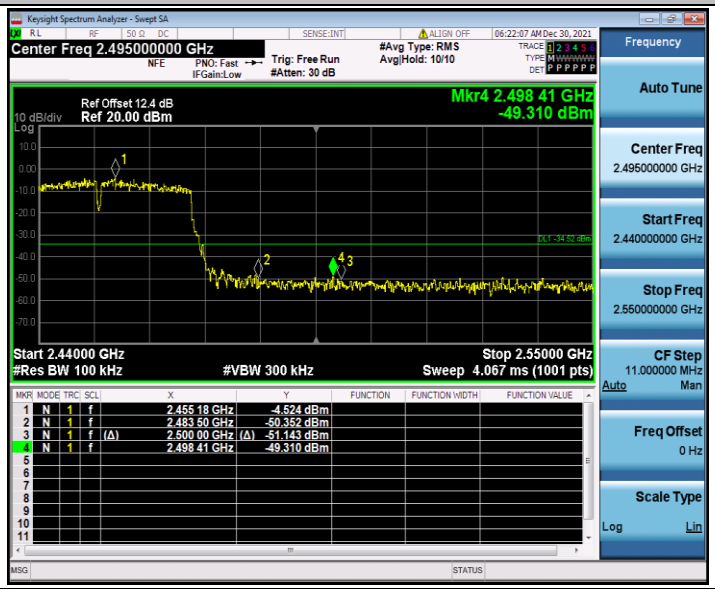
11N40MIMO_Ant1_Low_2422



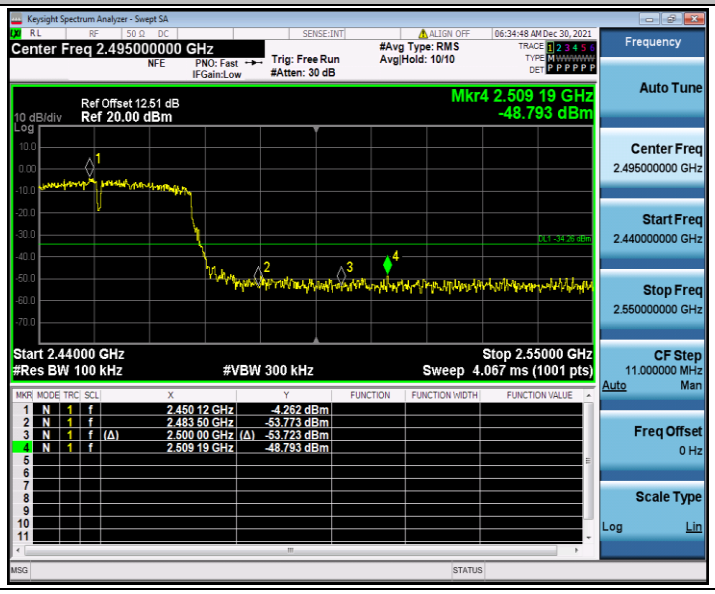
11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant1_High_2452



11N40MIMO_Ant2_High_2452



Appendix F: Conducted Spurious Emission

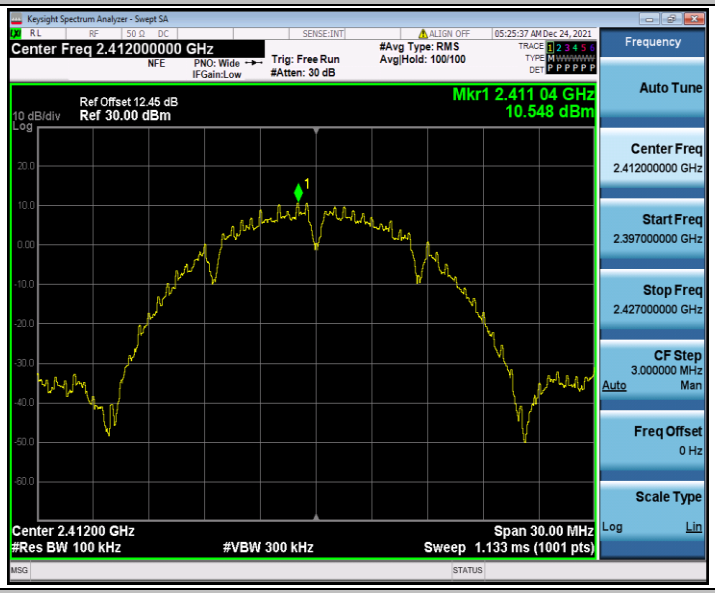
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	10.55	10.55	---	PASS
			30~1000	10.55	-60.62	≤-19.45	PASS
			1000~26500	10.55	-42.42	≤-19.45	PASS
	Ant2	2412	Reference	8.86	8.86	---	PASS
			30~1000	8.86	-61.1	≤-21.14	PASS
			1000~26500	8.86	-40.54	≤-21.14	PASS
	Ant1	2437	Reference	10.98	10.98	---	PASS
			30~1000	10.98	-60.28	≤-19.02	PASS
			1000~26500	10.98	-38.27	≤-19.02	PASS
	Ant2	2437	Reference	11.38	11.38	---	PASS
			30~1000	11.38	-59.88	≤-18.62	PASS
			1000~26500	11.38	-37.23	≤-18.62	PASS
	Ant1	2462	Reference	9.56	9.56	---	PASS
			30~1000	9.56	-61.11	≤-20.44	PASS
			1000~26500	9.56	-42.2	≤-20.44	PASS
	Ant2	2462	Reference	8.60	8.60	---	PASS
			30~1000	8.60	-60.24	≤-21.4	PASS
			1000~26500	8.60	-42.9	≤-21.4	PASS
11G	Ant1	2412	Reference	2.95	2.95	---	PASS
			30~1000	2.95	-60.94	≤-27.05	PASS
			1000~26500	2.95	-52.46	≤-27.05	PASS
	Ant2	2412	Reference	4.09	4.09	---	PASS
			30~1000	4.09	-60.8	≤-25.91	PASS
			1000~26500	4.09	-51.59	≤-25.91	PASS
	Ant1	2437	Reference	6.19	6.19	---	PASS
			30~1000	6.19	-60.59	≤-23.81	PASS
			1000~26500	6.19	-49.75	≤-23.81	PASS
	Ant2	2437	Reference	6.96	6.96	---	PASS
			30~1000	6.96	-60.64	≤-23.04	PASS
			1000~26500	6.96	-49.8	≤-23.04	PASS
	Ant1	2462	Reference	3.05	3.05	---	PASS
			30~1000	3.05	-60.65	≤-26.95	PASS
			1000~26500	3.05	-52.34	≤-26.95	PASS
	Ant2	2462	Reference	3.56	3.56	---	PASS
			30~1000	3.56	-60.34	≤-26.44	PASS
			1000~26500	3.56	-51.82	≤-26.44	PASS
11N20MIMO	Ant1	2412	Reference	2.80	2.80	---	PASS

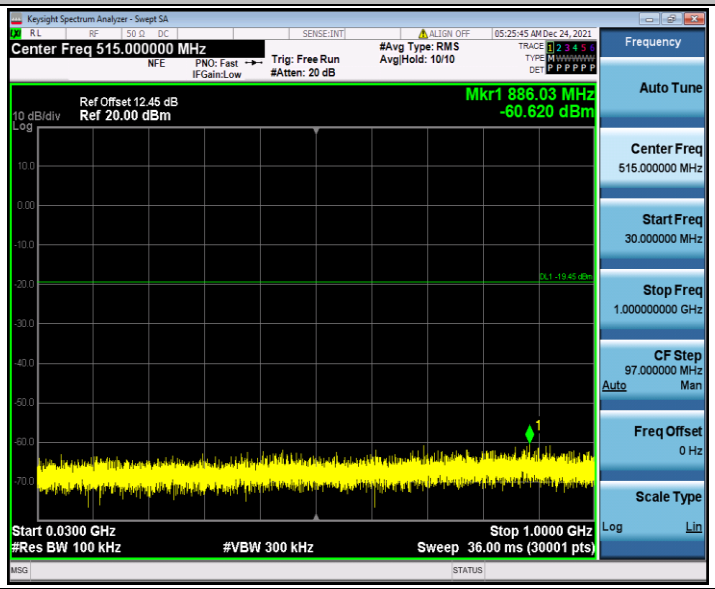
			30~1000	2.80	-60.53	≤-27.2	PASS
			1000~26500	2.80	-52.24	≤-27.2	PASS
	Ant2	2412	Reference	2.71	2.71	---	PASS
			30~1000	2.71	-60.72	≤-27.29	PASS
			1000~26500	2.71	-51.98	≤-27.29	PASS
	Ant1	2437	Reference	4.40	4.40	---	PASS
			30~1000	4.40	-60.54	≤-25.6	PASS
			1000~26500	4.40	-52.42	≤-25.6	PASS
	Ant2	2437	Reference	5.33	5.33	---	PASS
			30~1000	5.33	-60.5	≤-24.67	PASS
			1000~26500	5.33	-51.77	≤-24.67	PASS
	Ant1	2462	Reference	1.08	1.08	---	PASS
			30~1000	1.08	-60.88	≤-28.92	PASS
			1000~26500	1.08	-52.49	≤-28.92	PASS
	Ant2	2462	Reference	1.56	1.56	---	PASS
			30~1000	1.56	-61.26	≤-28.44	PASS
			1000~26500	1.56	-52.62	≤-28.44	PASS
11N40MIMO	Ant1	2422	Reference	-3.98	-3.98	---	PASS
			30~1000	-3.98	-59.79	≤-33.98	PASS
			1000~26500	-3.98	-51.92	≤-33.98	PASS
	Ant2	2422	Reference	-2.33	-2.33	---	PASS
			30~1000	-2.33	-60.82	≤-32.33	PASS
			1000~26500	-2.33	-52.26	≤-32.33	PASS
	Ant1	2437	Reference	-2.08	-2.08	---	PASS
			30~1000	-2.08	-58.25	≤-32.08	PASS
			1000~26500	-2.08	-51.62	≤-32.08	PASS
	Ant2	2437	Reference	-1.28	-1.28	---	PASS
			30~1000	-1.28	-60.51	≤-31.28	PASS
			1000~26500	-1.28	-52.41	≤-31.28	PASS
	Ant1	2452	Reference	-3.69	-3.69	---	PASS
			30~1000	-3.69	-60.25	≤-33.69	PASS
			1000~26500	-3.69	-52.05	≤-33.69	PASS
	Ant2	2452	Reference	-3.43	-3.43	---	PASS
			30~1000	-3.43	-60.78	≤-33.43	PASS
			1000~26500	-3.43	-51.84	≤-33.43	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500