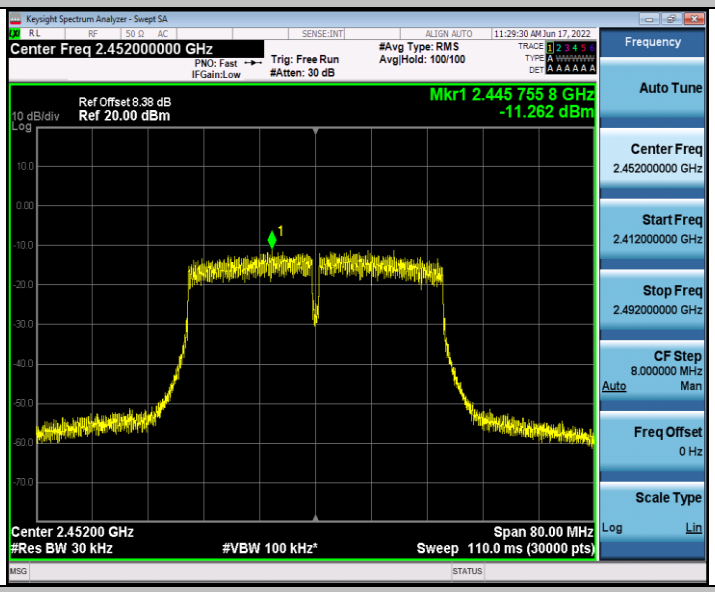
11N40MIMO_Ant1_2452

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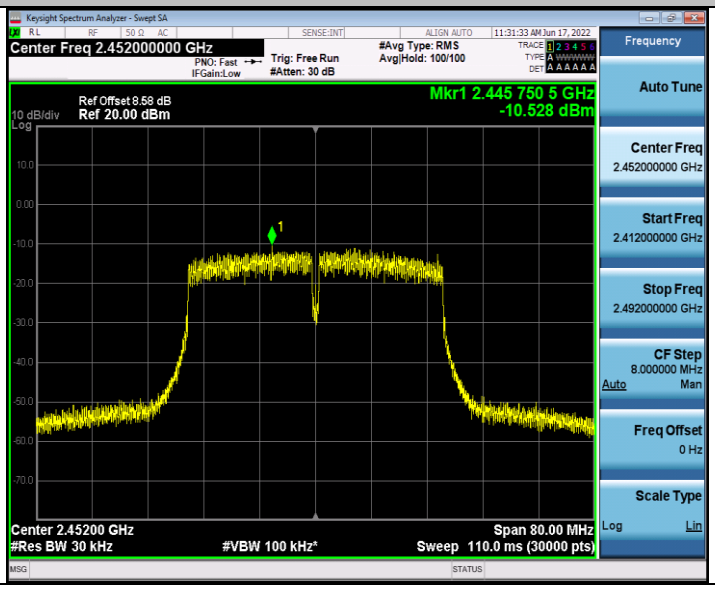
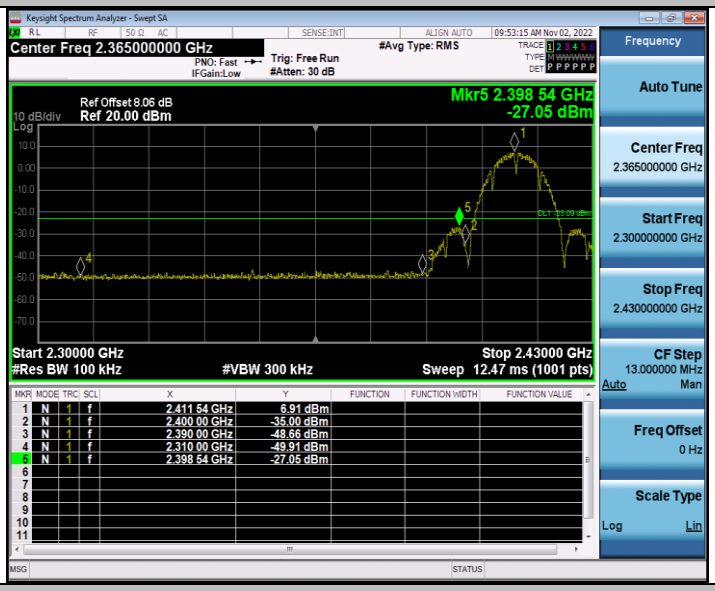


Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.91	-27.05	≤-23.09	PASS
	Ant2	Low	2412	7.19	-33.93	≤-22.81	PASS
	Ant1	High	2462	6.78	-46.55	≤-23.22	PASS
	Ant2	High	2462	6.89	-45.48	≤-23.11	PASS
11G-CDD	Ant1	Low	2412	2.77	-27.8	≤-27.23	PASS
	Ant2	Low	2412	3.18	-30.15	≤-26.83	PASS
	Ant1	High	2462	3.02	-43.58	≤-26.99	PASS
	Ant2	High	2462	4.51	-44.84	≤-25.49	PASS
11N20MIMO	Ant1	Low	2412	2.54	-28.7	≤-27.46	PASS
	Ant2	Low	2412	4.62	-29.17	≤-25.38	PASS
	Ant1	High	2462	3.58	-39.86	≤-26.42	PASS
	Ant2	High	2462	4.23	-43.65	≤-25.77	PASS
11N40MIMO	Ant1	Low	2422	0.36	-30.21	≤-29.65	PASS
	Ant2	Low	2422	1.64	-31.44	≤-28.36	PASS
	Ant1	High	2452	0.58	-35.14	≤-29.42	PASS
	Ant2	High	2452	1.26	-39.87	≤-28.74	PASS

Test Graphs

11B_Ant1_Low_2412

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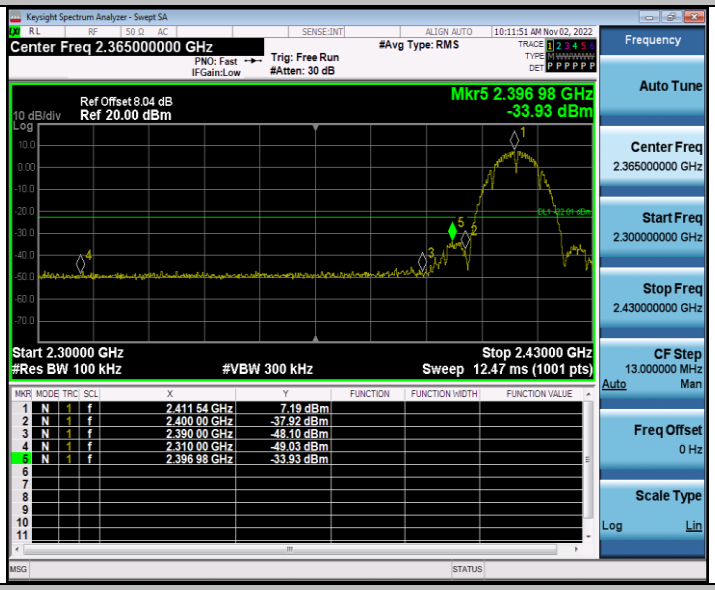
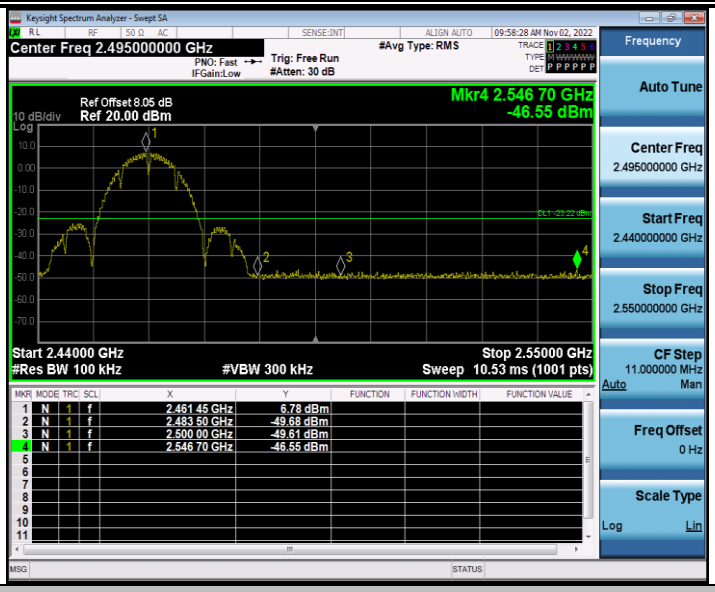
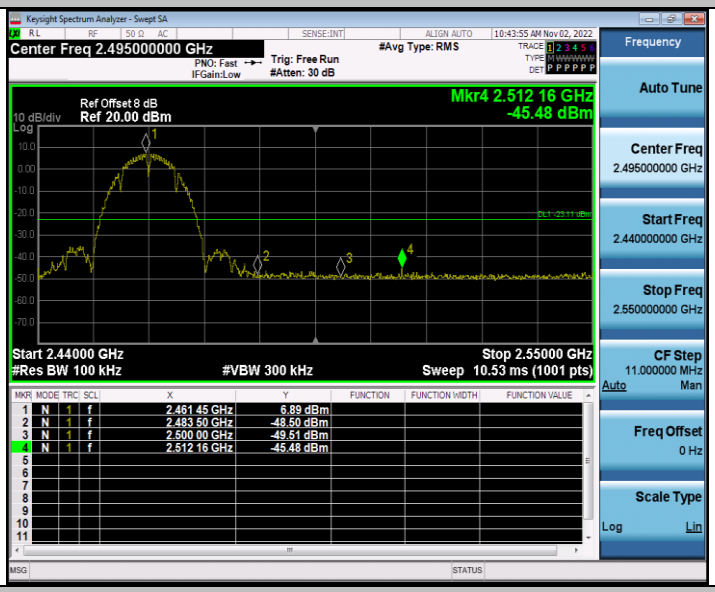
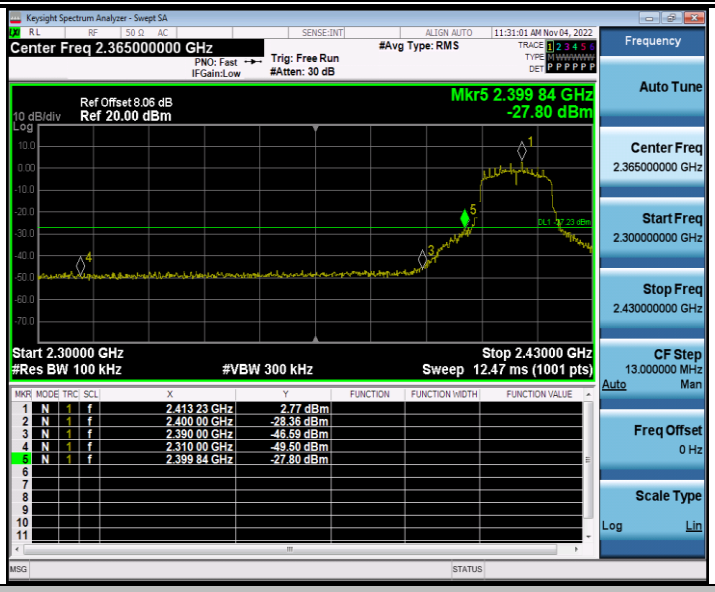

11B_Ant1_High_2462



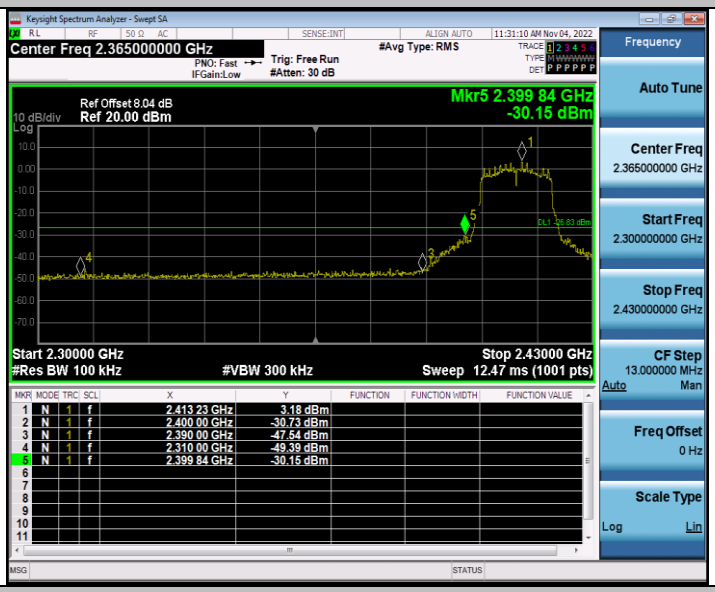
11B_Ant2_High_2462



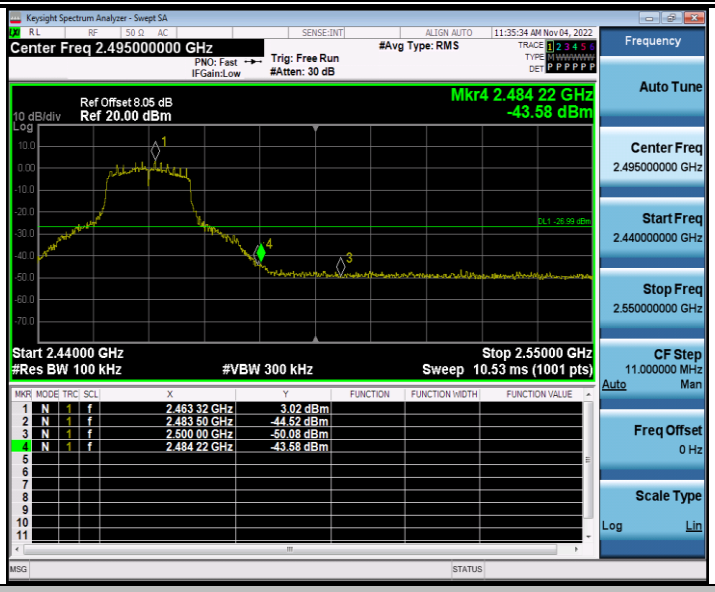
11G-CDD_Ant1_Low_2412



11G-CDD_Ant2_Low_2412



11G-CDD_Ant1_High_2462



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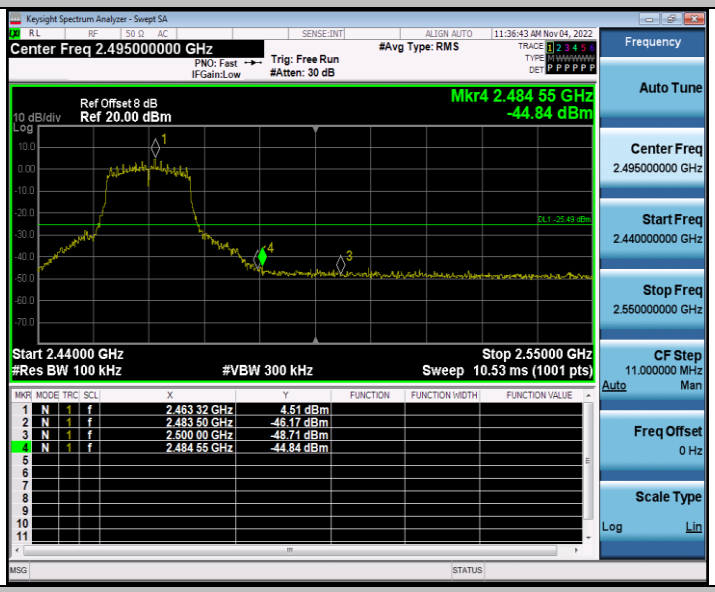
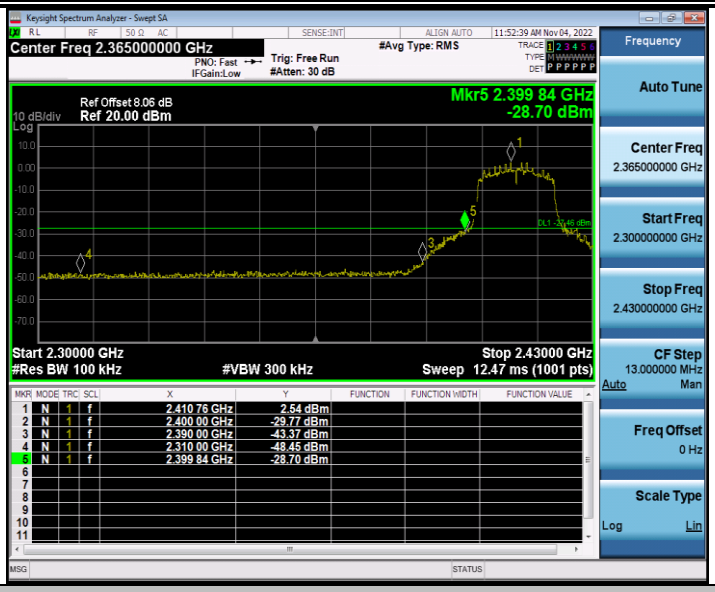


11N20MIMO_Ant1_Low_2412



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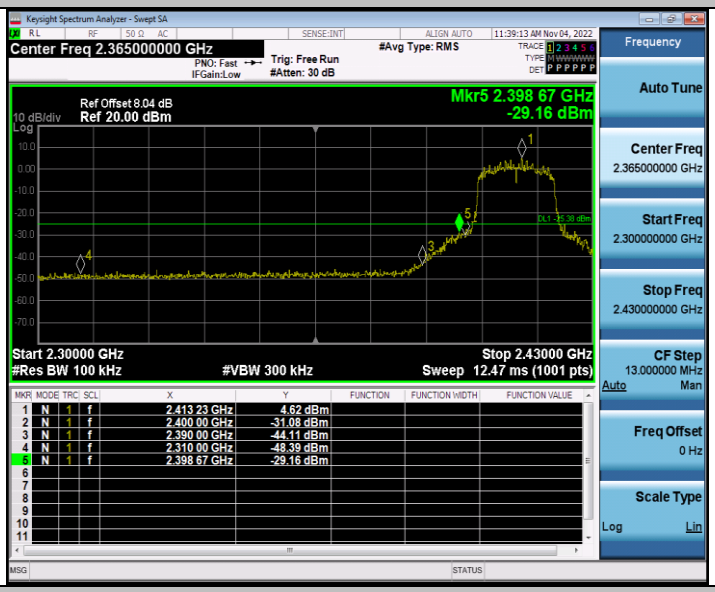
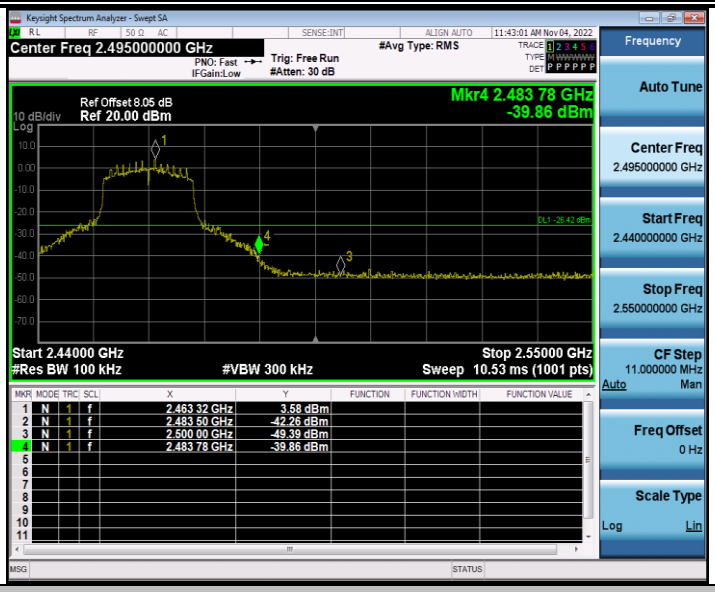


11N20MIMO_Ant1_High_2462



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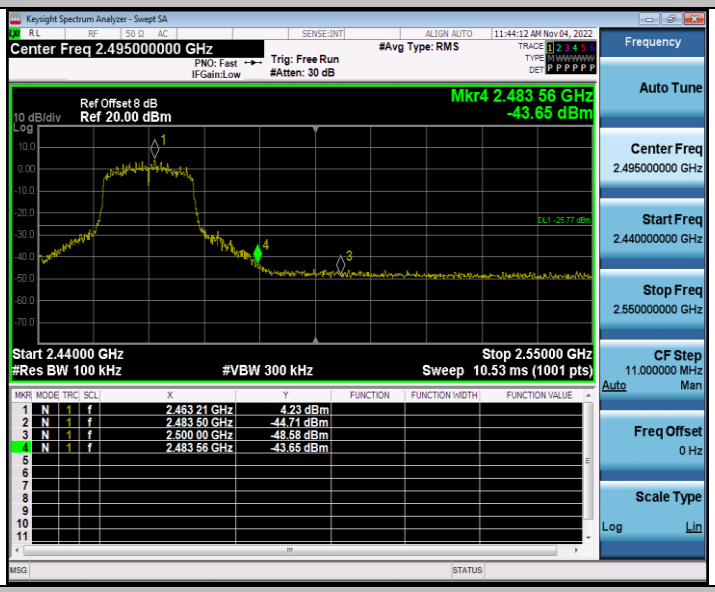

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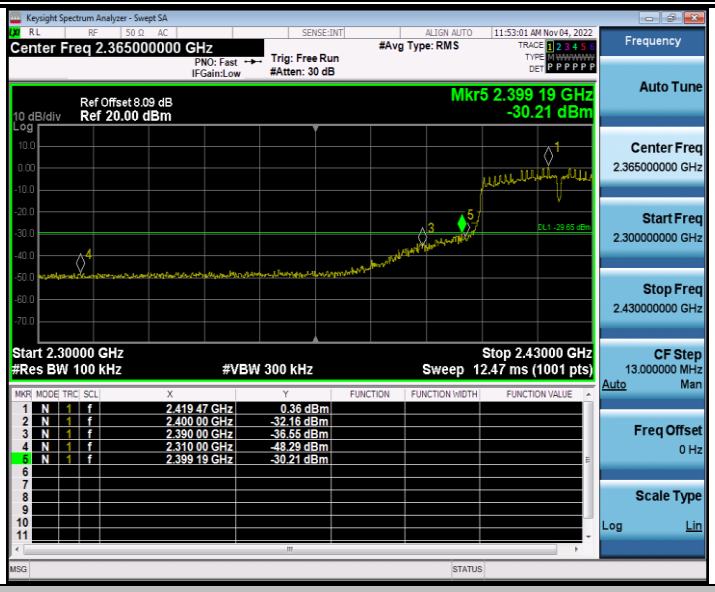
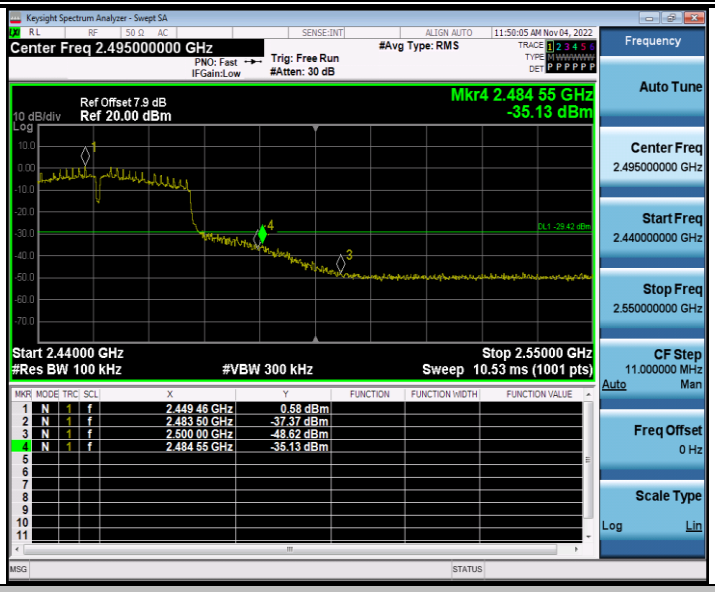
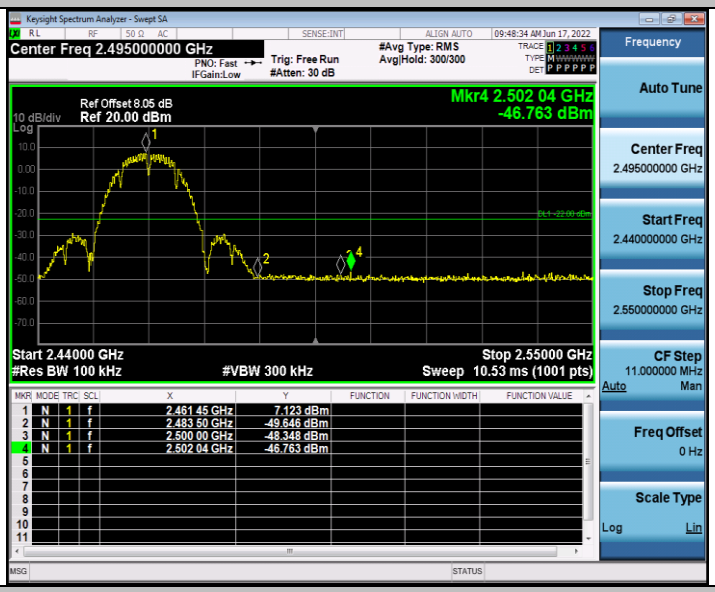


11N40MIMO_Ant2_Low_2422

11N40MIMO_Ant1_High_2452



11N40MIMO_Ant2_High_2452

11B_Ant1_High_2462

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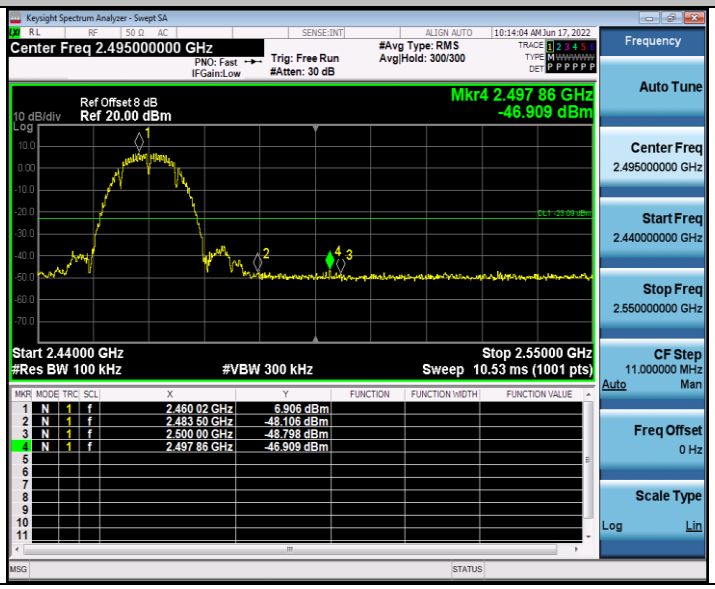
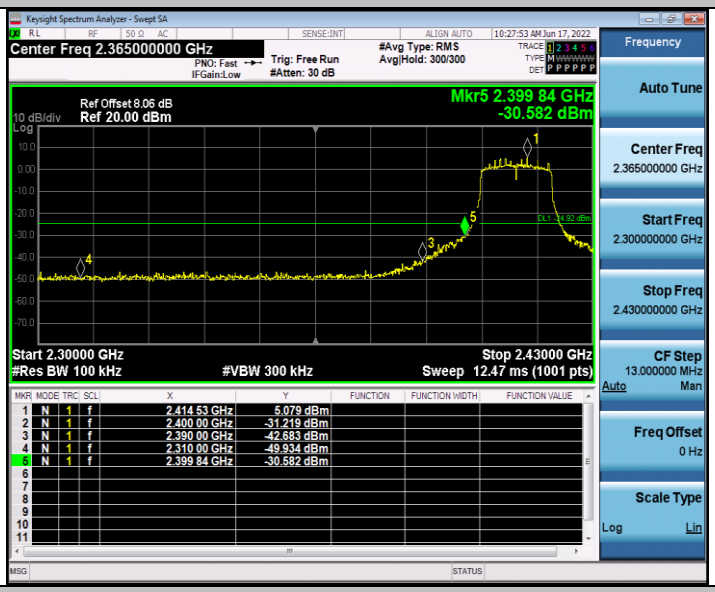


11G-CDD_Ant1_Low_2412

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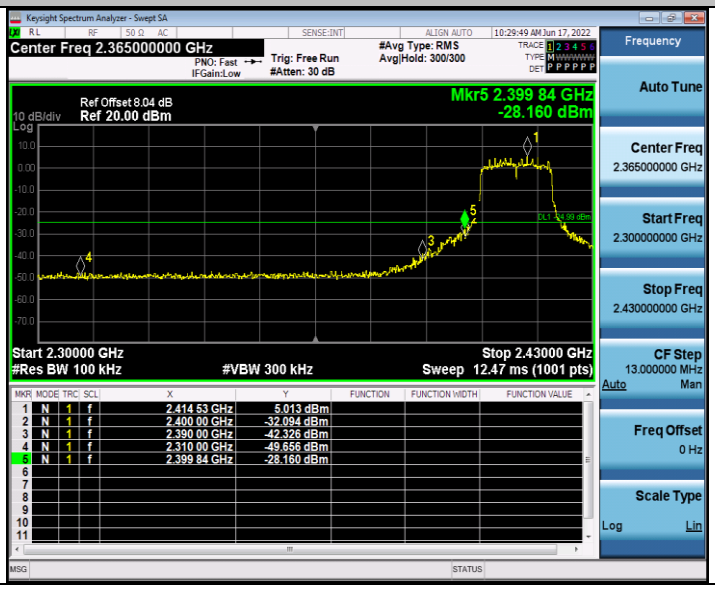

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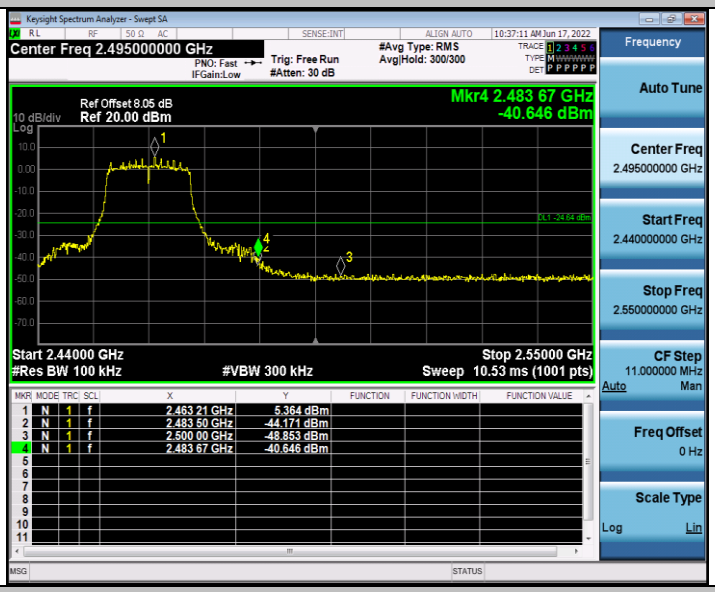
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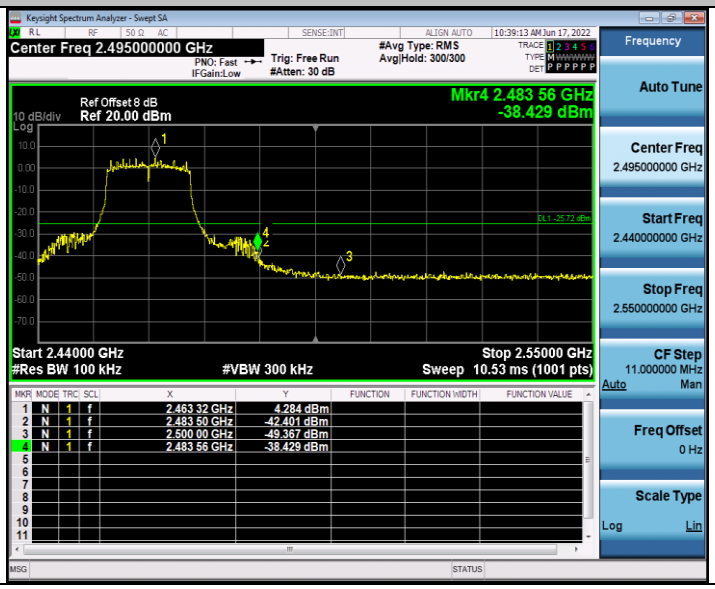
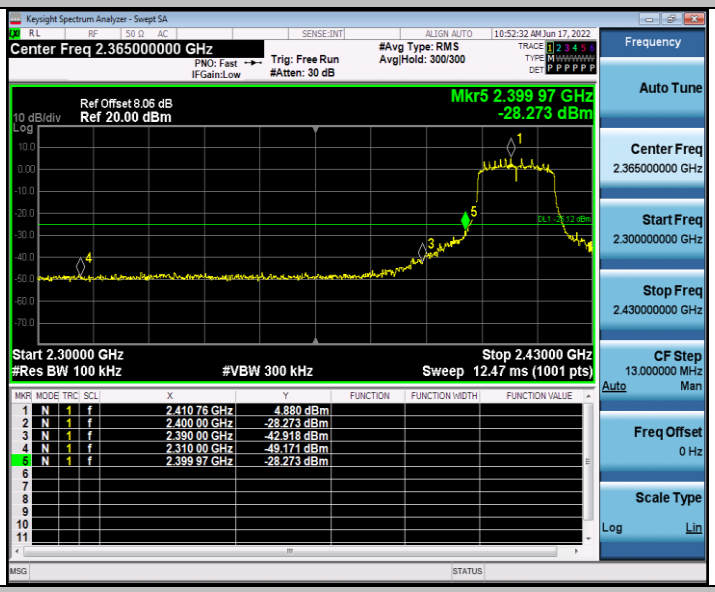


11N20MIMO_Ant1_Low_2412

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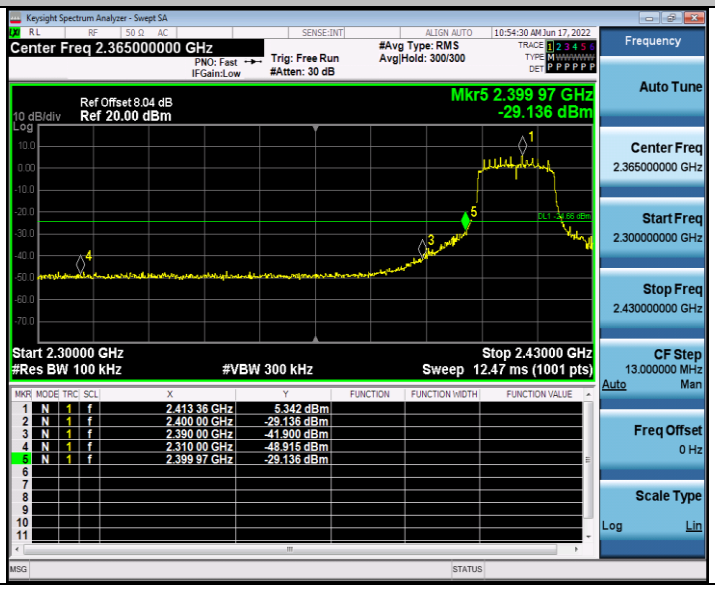
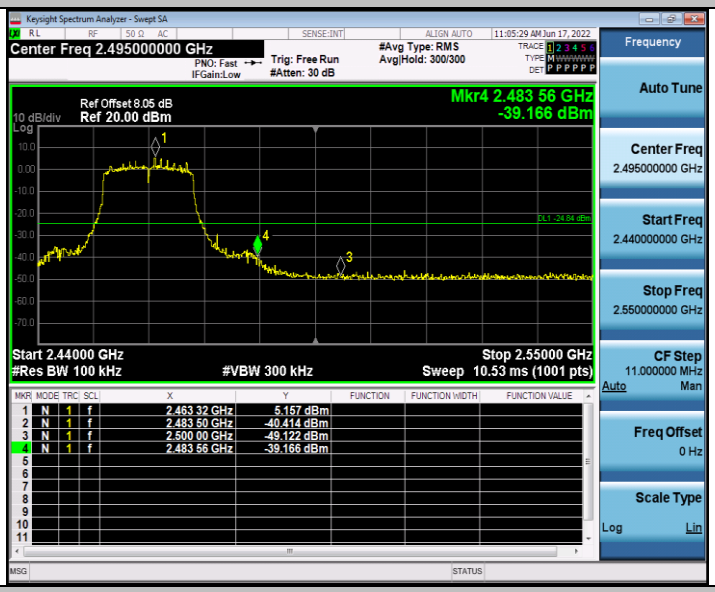


11N20MIMO_Ant1_High_2462

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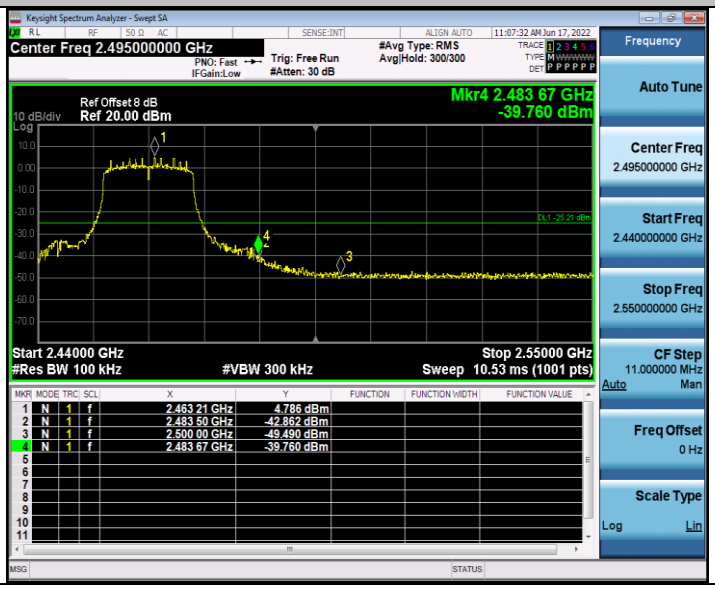
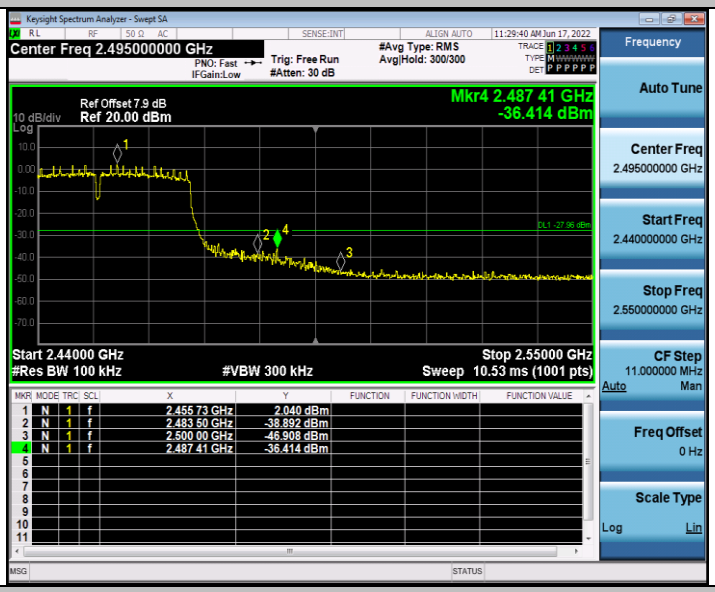


11N40MIMO_Ant1_Low_2422
11N40MIMO_Ant2_Low_2422

11N40MIMO_Ant1_High_2452

11N40MIMO_Ant2_High_2452

Appendix G: Conducted Spurious Emission

Test Result

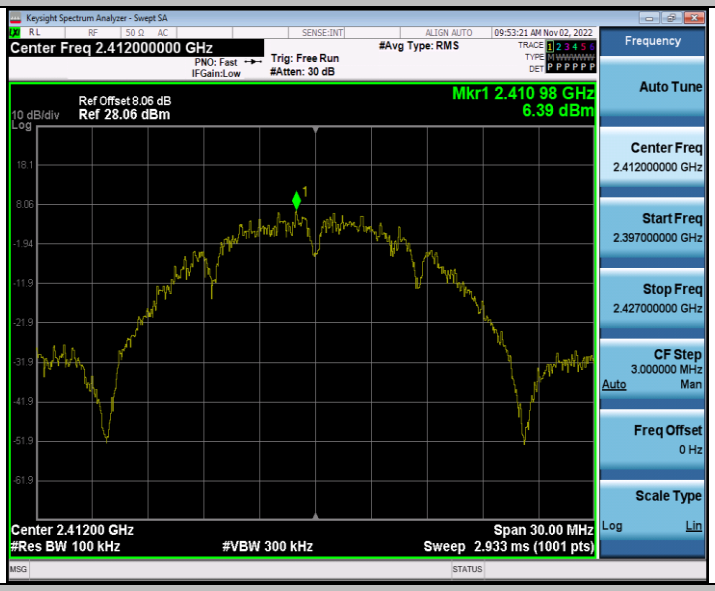
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.39	6.39	---	PASS
			30~1000	6.39	-58.83	≤-23.61	PASS
			1000~26500	6.39	-38.07	≤-23.61	PASS
	Ant2	2412	Reference	6.76	6.76	---	PASS
			30~1000	6.76	-55.87	≤-23.24	PASS
			1000~26500	6.76	-38.35	≤-23.24	PASS
	Ant1	2437	Reference	5.85	5.85	---	PASS
			30~1000	5.85	-58.87	≤-24.15	PASS
			1000~26500	5.85	-38.84	≤-24.15	PASS
	Ant2	2437	Reference	6.86	6.86	---	PASS
			30~1000	6.86	-56.44	≤-23.14	PASS
			1000~26500	6.86	-38.92	≤-23.14	PASS
	Ant1	2462	Reference	6.71	6.71	---	PASS
			30~1000	6.71	-58.43	≤-23.29	PASS
			1000~26500	6.71	-38.72	≤-23.29	PASS
	Ant2	2462	Reference	6.59	6.59	---	PASS
			30~1000	6.59	-54.99	≤-23.41	PASS
			1000~26500	6.59	-37.53	≤-23.41	PASS
11G-CDD	Ant1	2412	Reference	3.63	3.63	---	PASS
			30~1000	3.63	-57.3	≤-26.37	PASS
			1000~26500	3.63	-38.16	≤-26.37	PASS
	Ant2	2412	Reference	2.81	2.81	---	PASS
			30~1000	2.81	-55.54	≤-27.19	PASS
			1000~26500	2.81	-38.66	≤-27.19	PASS
	Ant1	2437	Reference	0.39	0.39	---	PASS
			30~1000	0.39	-58.51	≤-29.61	PASS
			1000~26500	0.39	-37.88	≤-29.61	PASS
	Ant2	2437	Reference	4.41	4.41	---	PASS
			30~1000	4.41	-55.09	≤-25.59	PASS
			1000~26500	4.41	-38.22	≤-25.59	PASS

	Ant1	2462	Reference	1.14	1.14	---	PASS
			30~1000	1.14	-58.41	≤-28.86	PASS
			1000~26500	1.14	-38.65	≤-28.86	PASS
	Ant2	2462	Reference	0.82	0.82	---	PASS
			30~1000	0.82	-55.07	≤-29.18	PASS
			1000~26500	0.82	-37.36	≤-29.18	PASS
11N20MIMO	Ant1	2412	Reference	3.31	3.31	---	PASS
			30~1000	3.31	-58.57	≤-26.69	PASS
			1000~26500	3.31	-37.2	≤-26.69	PASS
	Ant2	2412	Reference	2.25	2.25	---	PASS
			30~1000	2.25	-55.08	≤-27.75	PASS
			1000~26500	2.25	-38.25	≤-27.75	PASS
	Ant1	2437	Reference	0.00	0.00	---	PASS
			30~1000	0.00	-58.25	≤-30	PASS
			1000~26500	0.00	-37.88	≤-30	PASS
	Ant2	2437	Reference	0.94	0.94	---	PASS
			30~1000	0.94	-55.06	≤-29.06	PASS
			1000~26500	0.94	-37.95	≤-29.06	PASS
	Ant1	2462	Reference	1.90	1.90	---	PASS
			30~1000	1.90	-56.57	≤-28.1	PASS
			1000~26500	1.90	-38.46	≤-28.1	PASS
	Ant2	2462	Reference	2.34	2.34	---	PASS
			30~1000	2.34	-55.42	≤-27.66	PASS
			1000~26500	2.34	-38.33	≤-27.66	PASS
11N40MIMO	Ant1	2422	Reference	-1.25	-1.25	---	PASS
			30~1000	-1.25	-59	≤-31.25	PASS
			1000~26500	-1.25	-38.03	≤-31.25	PASS
	Ant2	2422	Reference	1.37	1.37	---	PASS
			30~1000	1.37	-56.51	≤-28.63	PASS
			1000~26500	1.37	-38.63	≤-28.63	PASS
	Ant1	2437	Reference	-0.36	-0.36	---	PASS
			30~1000	-0.36	-59.04	≤-30.36	PASS
			1000~26500	-0.36	-37.93	≤-30.36	PASS
	Ant2	2437	Reference	-0.78	-0.78	---	PASS
			30~1000	-0.78	-56.08	≤-30.78	PASS
			1000~26500	-0.78	-38.02	≤-30.78	PASS

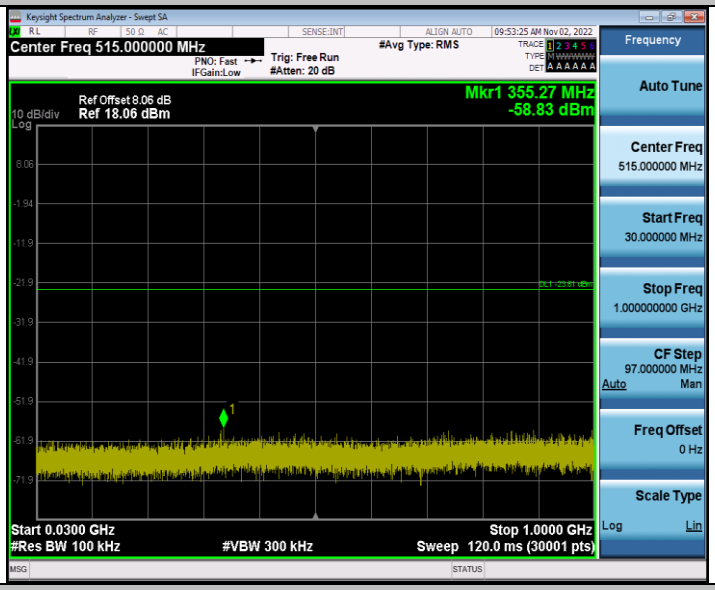
	Ant1	2452	Reference	-1.43	-1.43	---	PASS
			30~1000	-1.43	-59.21	≤-31.43	PASS
			1000~26500	-1.43	-38.99	≤-31.43	PASS
	Ant2	2452	Reference	-1.14	-1.14	---	PASS
			30~1000	-1.14	-55.99	≤-31.14	PASS
			1000~26500	-1.14	-37.63	≤-31.14	PASS

Test Graphs

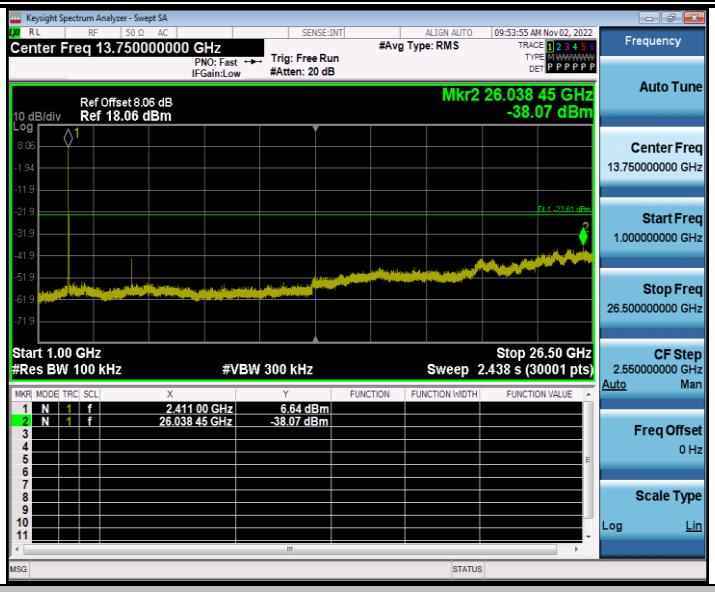
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000

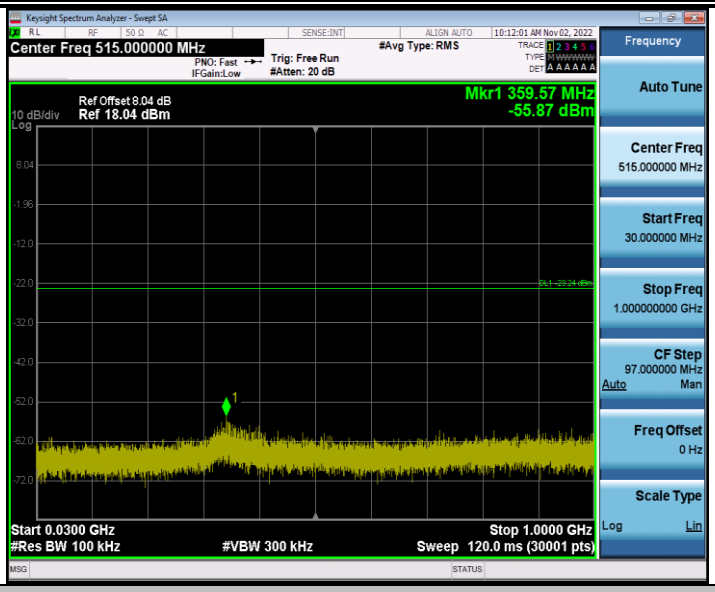


11B_Ant1_2412_1000~26500

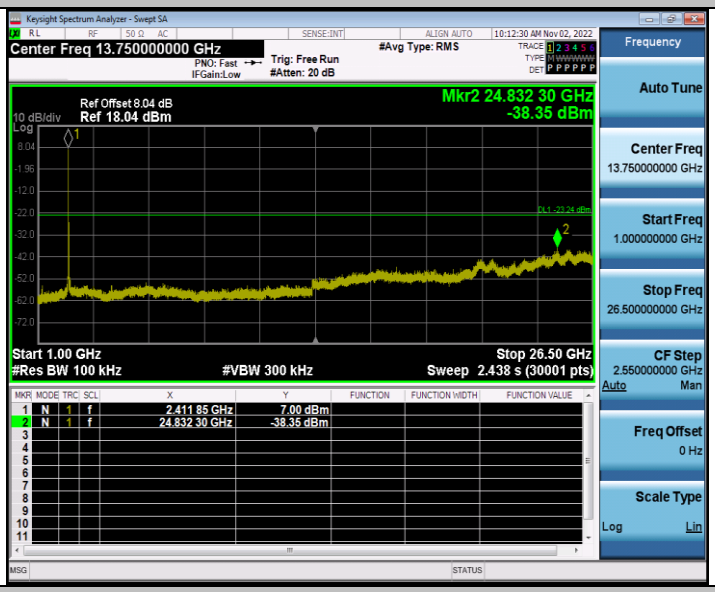


11B_Ant2_2412_0~Reference

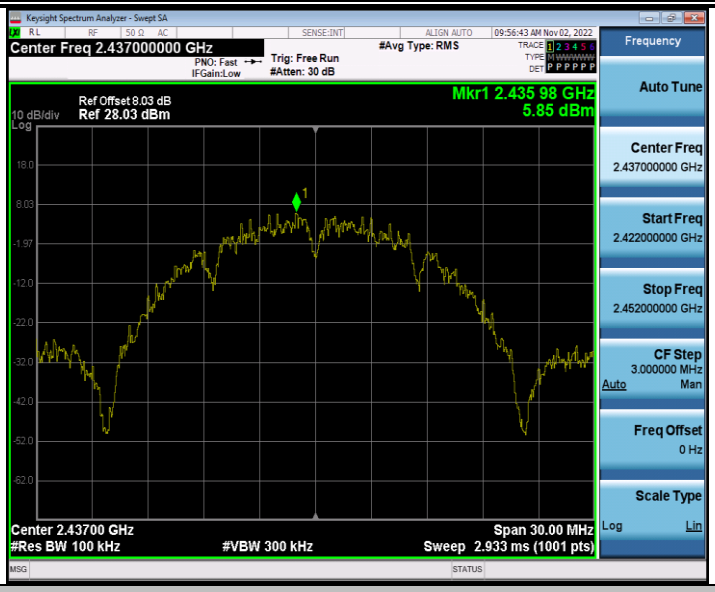
11B_Ant2_2412_30~1000



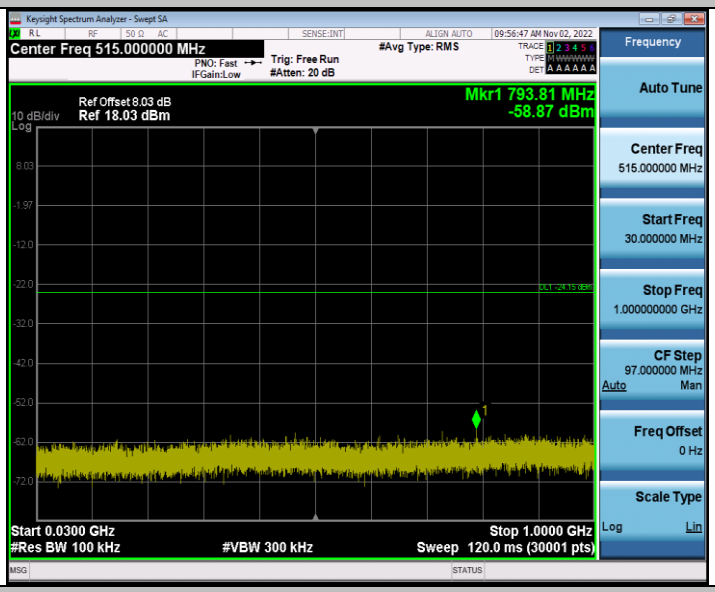
11B_Ant2_2412_1000~26500



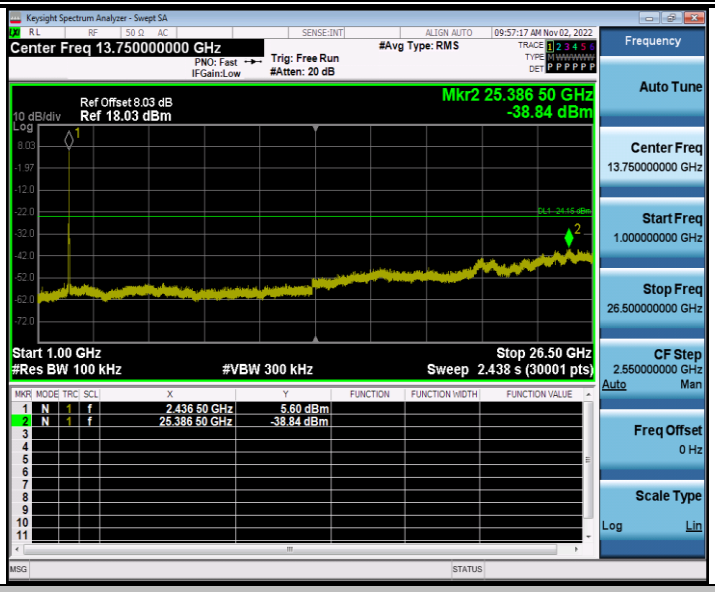
11B_Ant1_2437_0~Reference



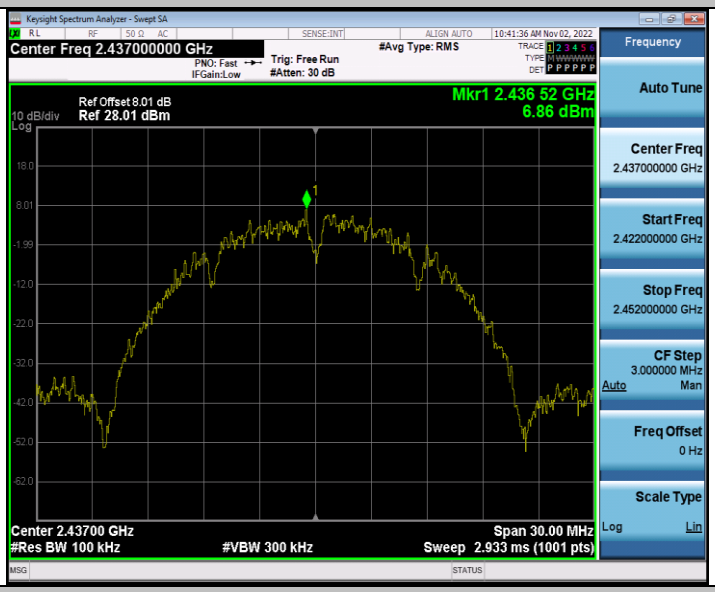
11B_Ant1_2437_30~1000



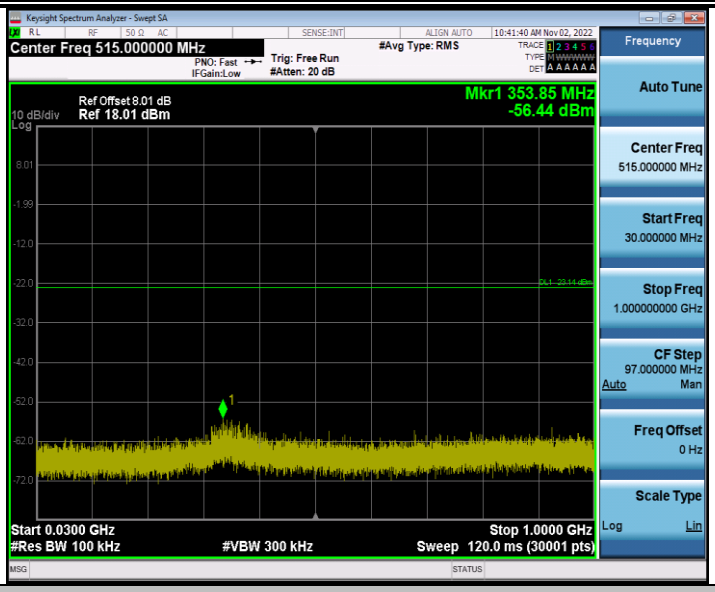
11B_Ant1_2437_1000~26500



11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000



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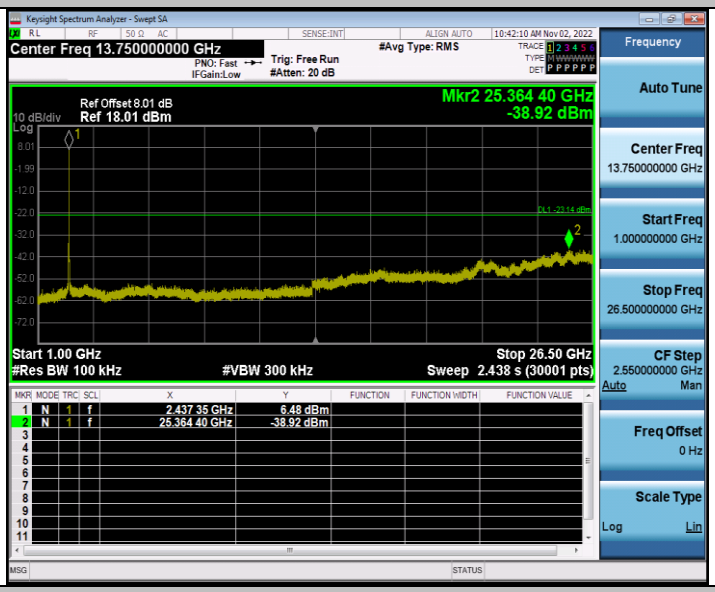
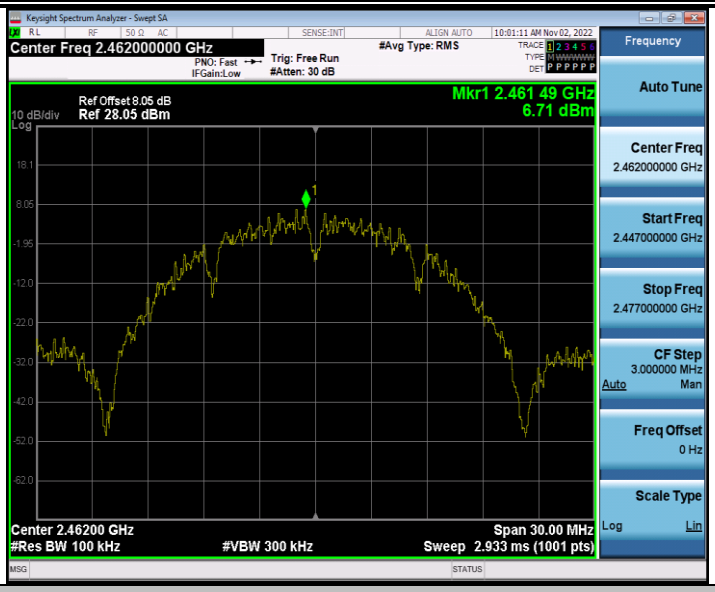


11B_Ant1_2462_0~Reference



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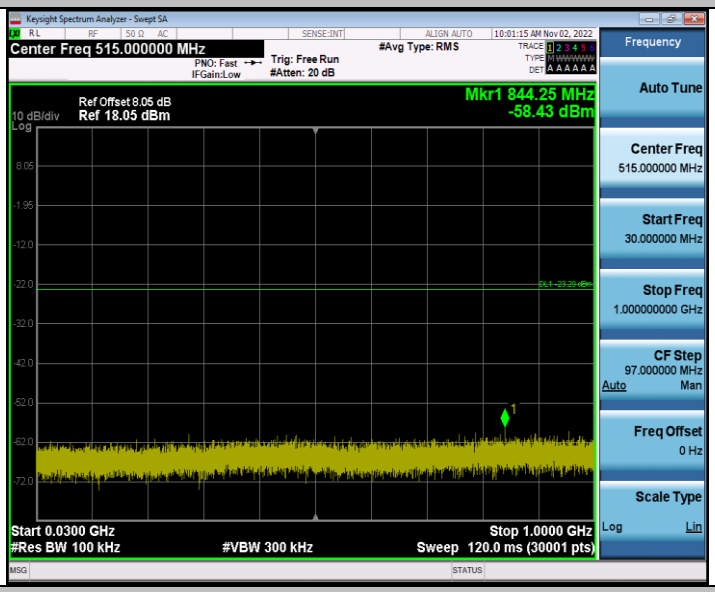

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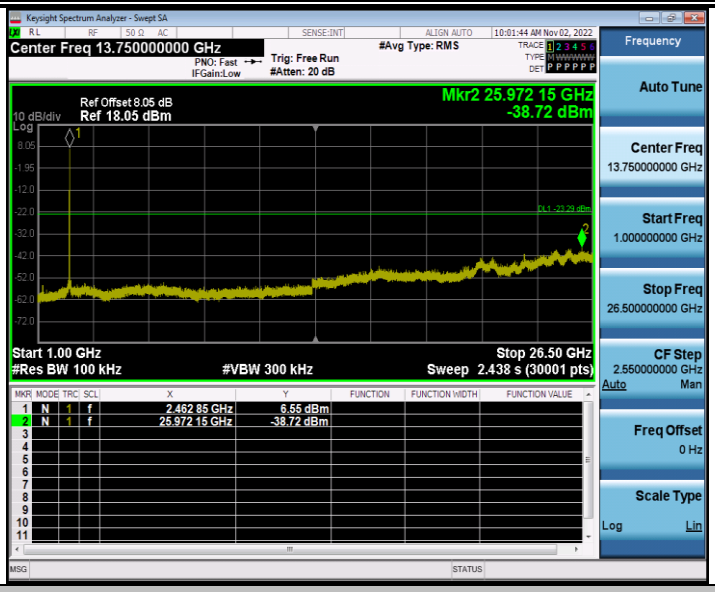

11B_Ant2_2462_0~Reference

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