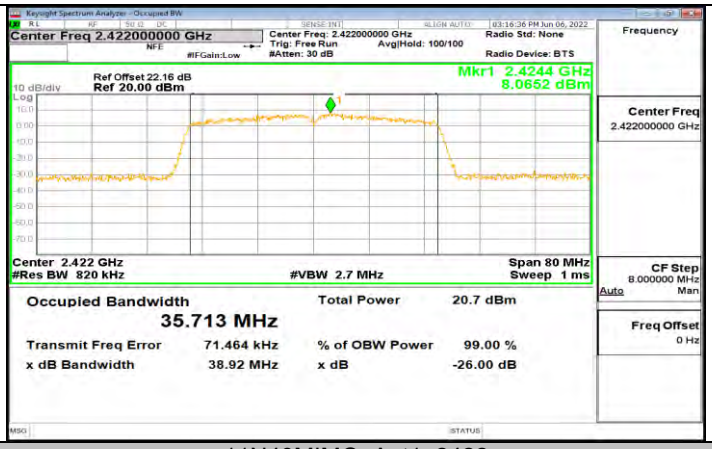
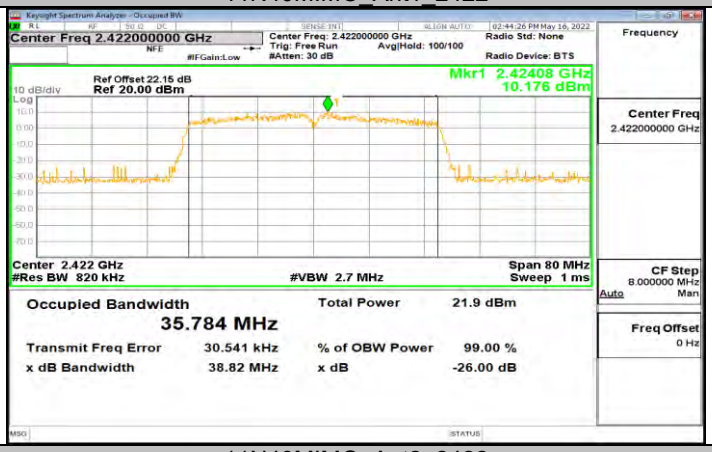
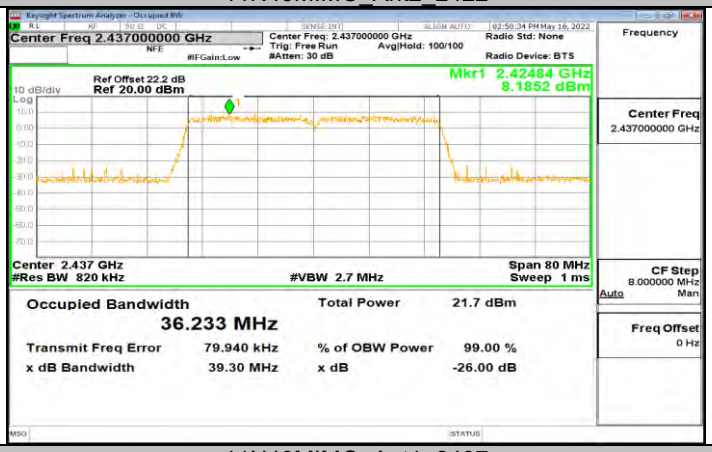


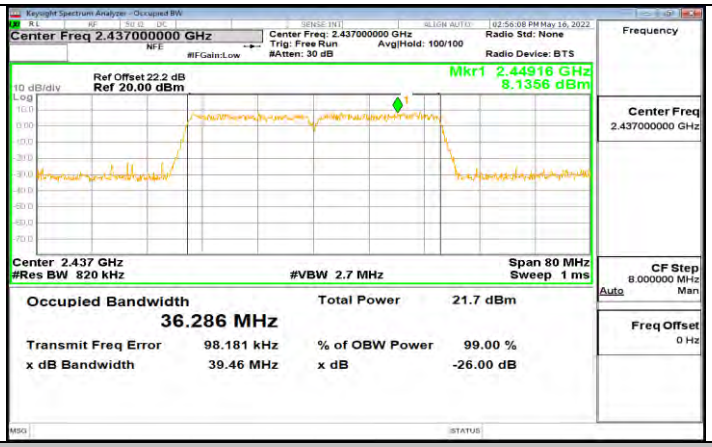
11N40MIMO_Ant1_2422



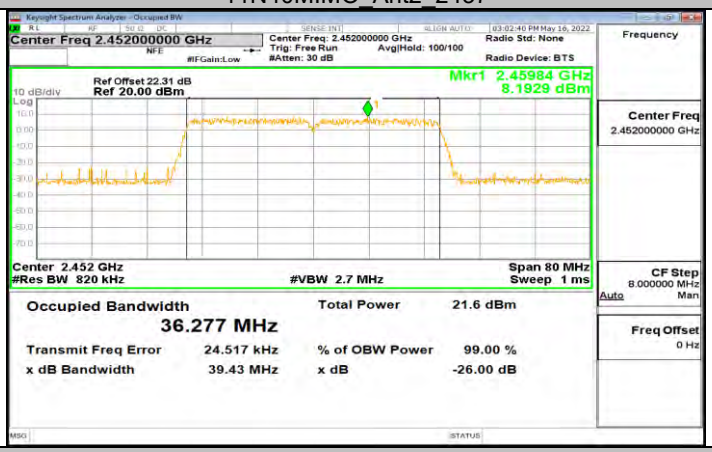
11N40MIMO_Ant2_2422



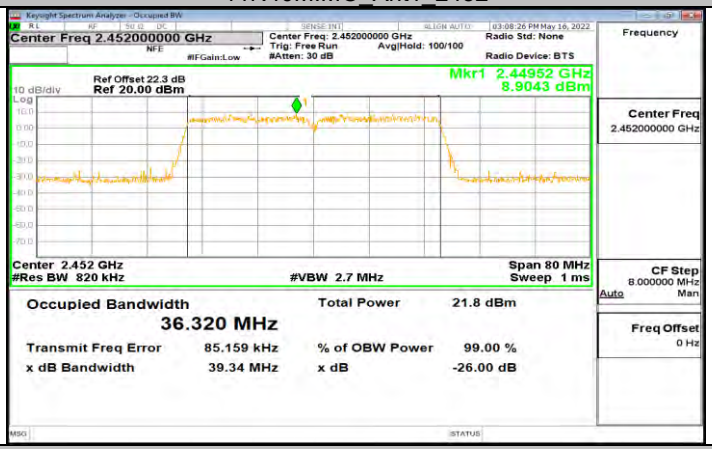
11N40MIMO_Ant1_2437



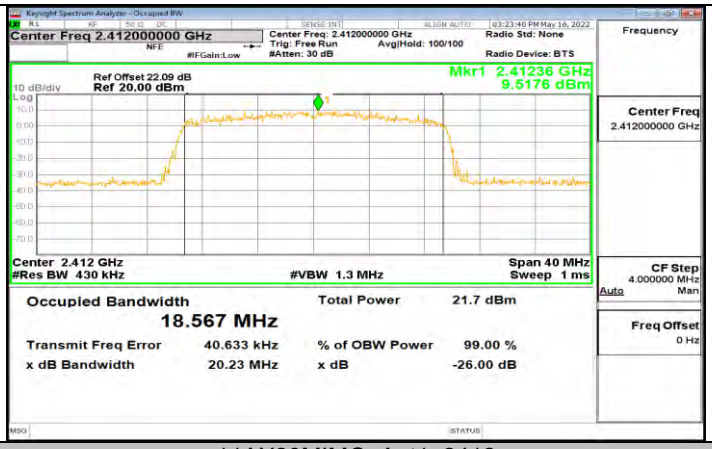
11N40MIMO_Ant2_2437



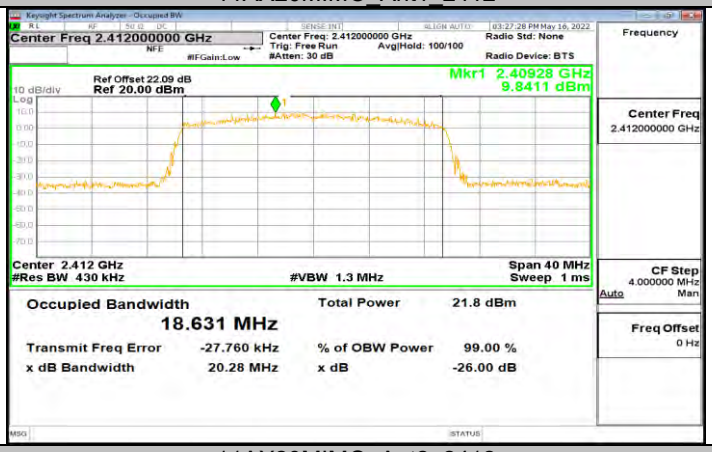
11N40MIMO_Ant1_2452



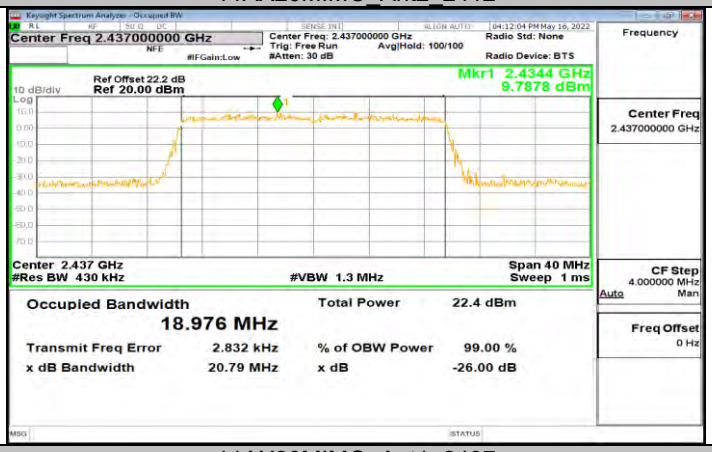
11N40MIMO_Ant2_2452



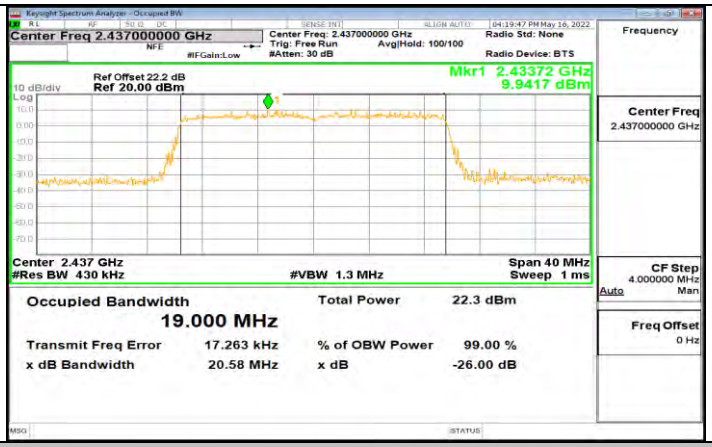
11AX20MIMO_Ant1_2412



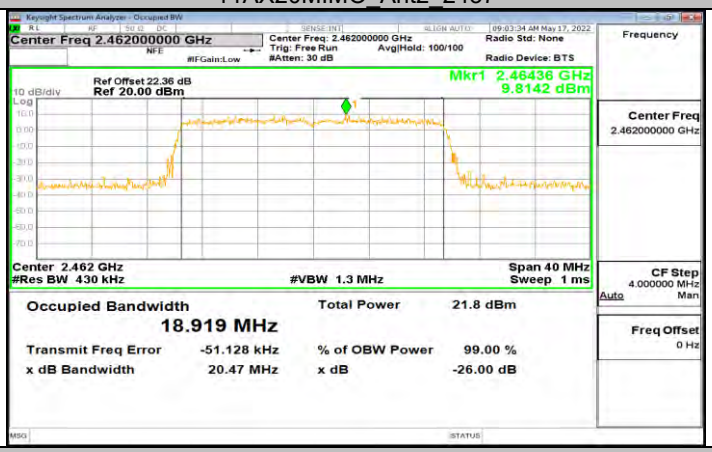
11AX20MIMO_Ant2_2412



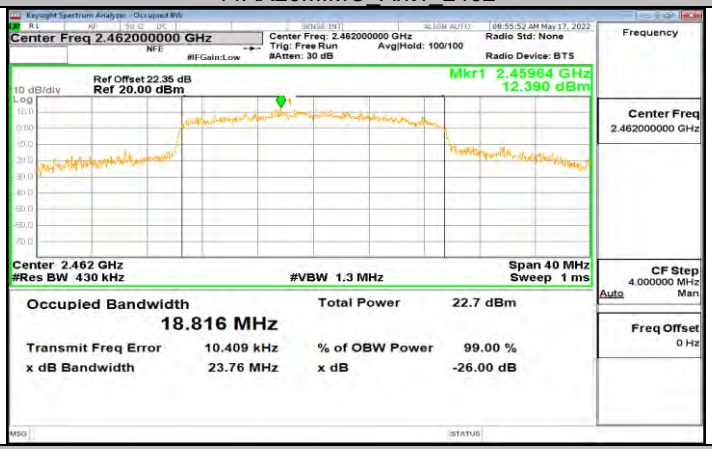
11AX20MIMO_Ant1_2437



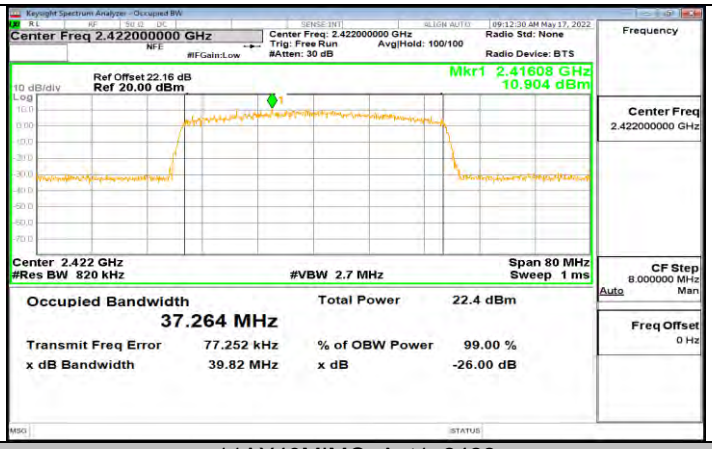
11AX20MIMO_Ant2_2437



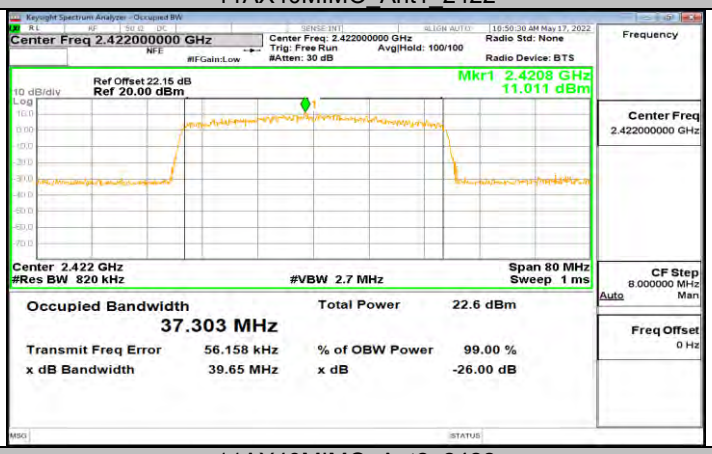
11AX20MIMO_Ant1_2462



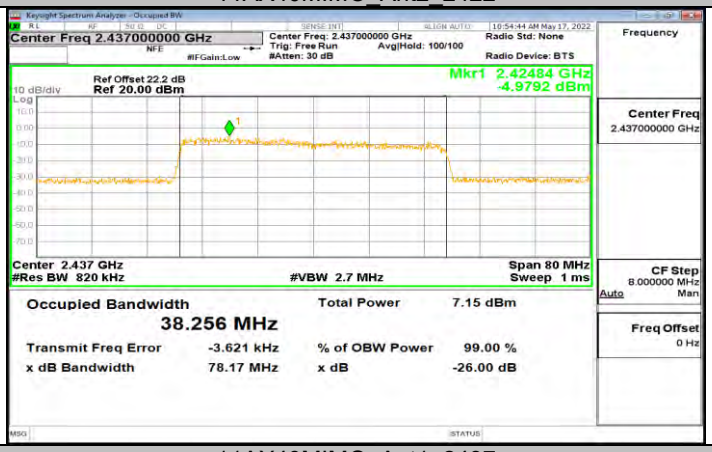
11AX20MIMO_Ant2_2462



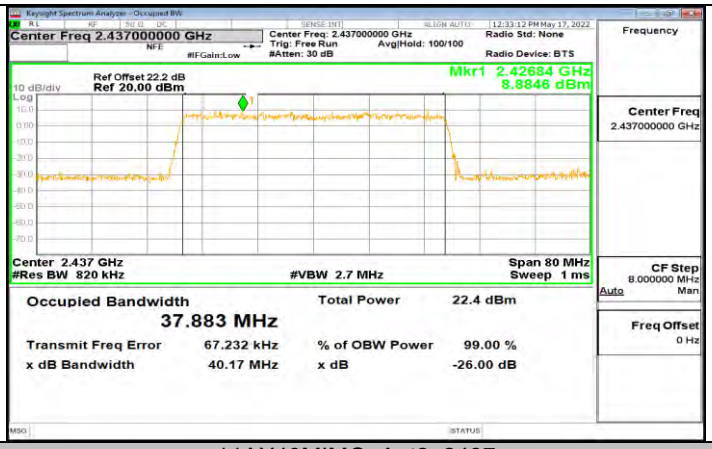
11AX40MIMO_Ant1_2422



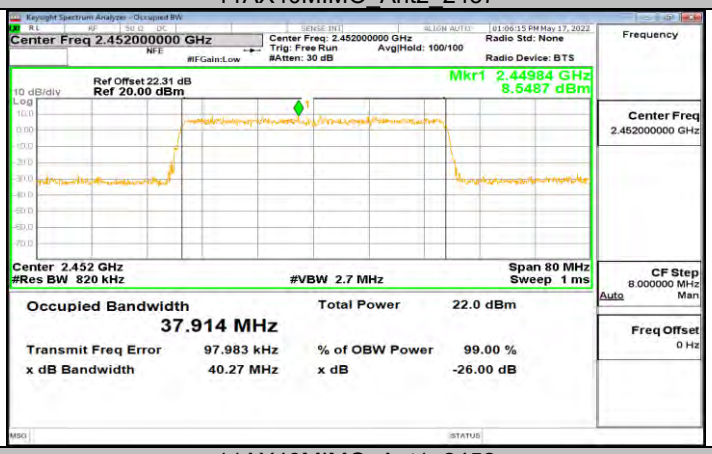
11AX40MIMO_Ant2_2422



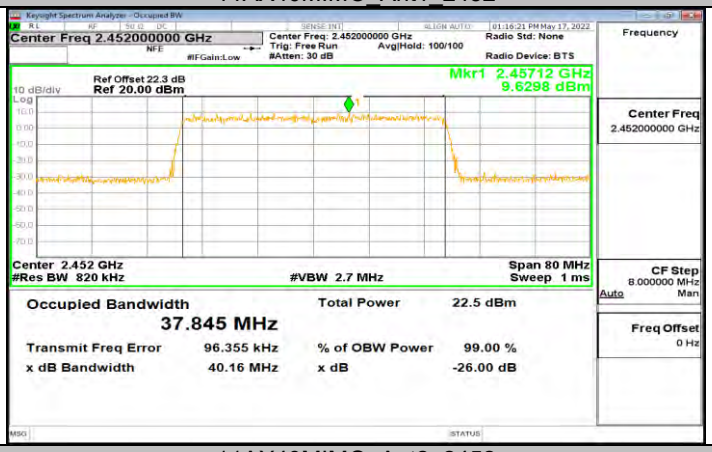
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452

11.3. APPENDIX C: MAXIMUM AVG CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.81	≤30.00	PASS
	Ant2	2412	15.63	≤30.00	PASS
	Ant1	2437	15.85	≤30.00	PASS
	Ant2	2437	15.56	≤30.00	PASS
	Ant1	2462	15.87	≤30.00	PASS
	Ant2	2462	15.58	≤30.00	PASS
11G	Ant1	2412	15.66	≤30.00	PASS
	Ant2	2412	15.35	≤30.00	PASS
	Ant1	2437	16.14	≤30.00	PASS
	Ant2	2437	16.37	≤30.00	PASS
	Ant1	2462	15.14	≤30.00	PASS
	Ant2	2462	15.39	≤30.00	PASS
11N20MIMO	Ant1	2412	15.97	≤30.00	PASS
	Ant2	2412	16.43	≤30.00	PASS
	total	2412	19.22	≤30.00	PASS
	Ant1	2437	15.54	≤30.00	PASS
	Ant2	2437	16.06	≤30.00	PASS
	total	2437	18.82	≤30.00	PASS
	Ant1	2462	15.79	≤30.00	PASS
	Ant2	2462	15.47	≤30.00	PASS
	total	2462	18.64	≤30.00	PASS
11N40MIMO	Ant1	2422	13.49	≤30.00	PASS
	Ant2	2422	12.98	≤30.00	PASS
	total	2422	16.25	≤30.00	PASS
	Ant1	2437	13.78	≤30.00	PASS
	Ant2	2437	13.44	≤30.00	PASS
	total	2437	16.62	≤30.00	PASS
	Ant1	2452	13.40	≤30.00	PASS
	Ant2	2452	13.19	≤30.00	PASS
	total	2452	16.31	≤30.00	PASS
11AX20MIMO	Ant1	2412	15.52	≤30.00	PASS
	Ant2	2412	15.06	≤30.00	PASS
	total	2412	18.31	≤30.00	PASS
	Ant1	2437	15.04	≤30.00	PASS
	Ant2	2437	15.95	≤30.00	PASS
	total	2437	18.53	≤30.00	PASS
	Ant1	2462	15.54	≤30.00	PASS
	Ant2	2462	15.89	≤30.00	PASS
	total	2462	18.73	≤30.00	PASS
11AX40MIMO	Ant1	2422	16.13	≤30.00	PASS
	Ant2	2422	16.29	≤30.00	PASS
	total	2422	19.22	≤30.00	PASS
	Ant1	2437	15.63	≤30.00	PASS
	Ant2	2437	16.49	≤30.00	PASS
	total	2437	19.09	≤30.00	PASS
	Ant1	2452	15.45	≤30.00	PASS
	Ant2	2452	15.22	≤30.00	PASS
	total	2452	18.35	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

11.4.1. Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.01	≤8.00	PASS
		2437	-15.39	≤8.00	PASS
		2462	-16.13	≤8.00	PASS
11G	Ant1	2412	-15.36	≤8.00	PASS
		2437	-16.02	≤8.00	PASS
		2462	-16.08	≤8.00	PASS
11N20MIMO	Ant1	2412	-15.59	≤8.00	PASS
	Ant2	2412	-15.98	≤8.00	PASS
	total	2412	-12.77	≤8.00	PASS
	Ant1	2437	-15.54	≤8.00	PASS
	Ant2	2437	-15.57	≤8.00	PASS
	total	2437	-12.55	≤8.00	PASS
	Ant1	2462	-16.44	≤8.00	PASS
	Ant2	2462	-15.96	≤8.00	PASS
	total	2462	-13.18	≤8.00	PASS
11N40MIMO	Ant1	2422	-20.12	≤8.00	PASS
	Ant2	2422	-17.55	≤8.00	PASS
	total	2422	-15.64	≤8.00	PASS
	Ant1	2437	-16.79	≤8.00	PASS
	Ant2	2437	-18.13	≤8.00	PASS
	total	2437	-14.40	≤8.00	PASS
	Ant1	2452	-16.89	≤8.00	PASS
	Ant2	2452	-18.15	≤8.00	PASS
	total	2452	-14.46	≤8.00	PASS
11AX20MIMO	Ant1	2412	-13.98	≤8.00	PASS
	Ant2	2412	-13.86	≤8.00	PASS
	total	2412	-10.91	≤8.00	PASS
	Ant1	2437	-15.82	≤8.00	PASS
	Ant2	2437	-15.39	≤8.00	PASS
	total	2437	-12.59	≤8.00	PASS
	Ant1	2462	-16.12	≤8.00	PASS
	Ant2	2462	-15.61	≤8.00	PASS
	total	2462	-12.85	≤8.00	PASS
11AX40MIMO	Ant1	2422	-15.70	≤8.00	PASS
	Ant2	2422	-16.63	≤8.00	PASS
	total	2422	-13.14	≤8.00	PASS
	Ant1	2437	-17.72	≤8.00	PASS
	Ant2	2437	-16.43	≤8.00	PASS
	total	2437	-14.02	≤8.00	PASS
	Ant1	2452	-17.53	≤8.00	PASS
	Ant2	2452	-18.00	≤8.00	PASS
	total	2452	-14.75	≤8.00	PASS

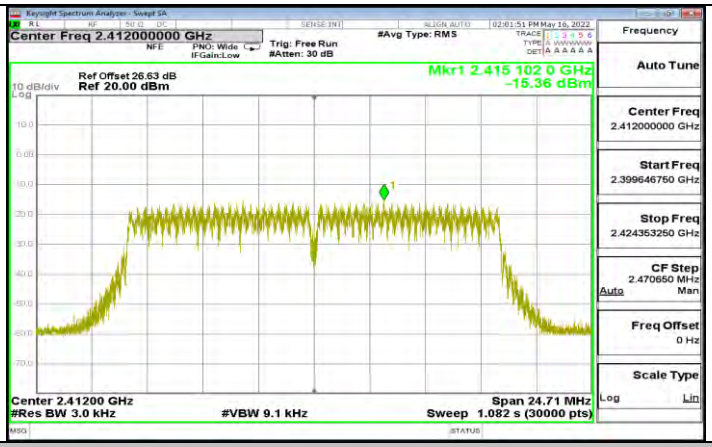
Note: For 802.11 b&g mode, only the worst case data recorded in this report.

11.4.2. Test Graphs

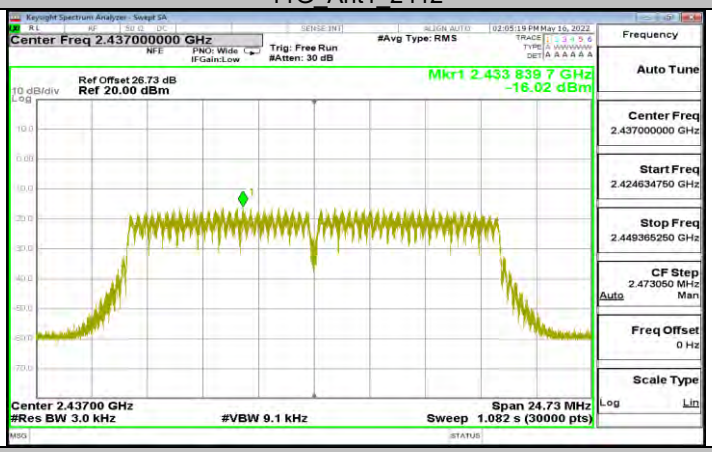
11B_Ant1_2412

11B_Ant1_2437

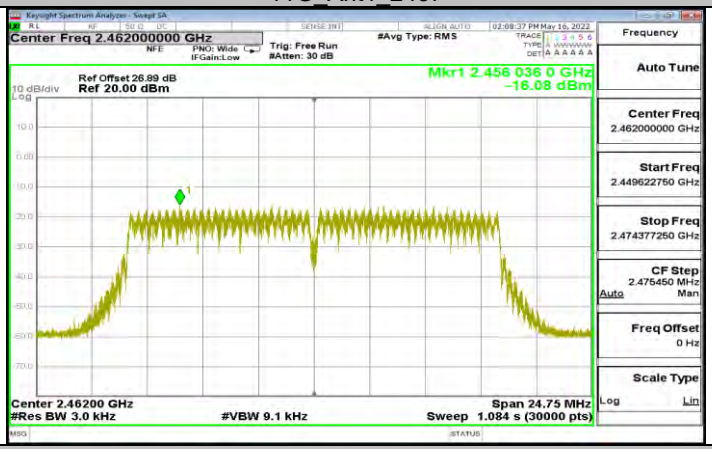
11B_Ant1_2462



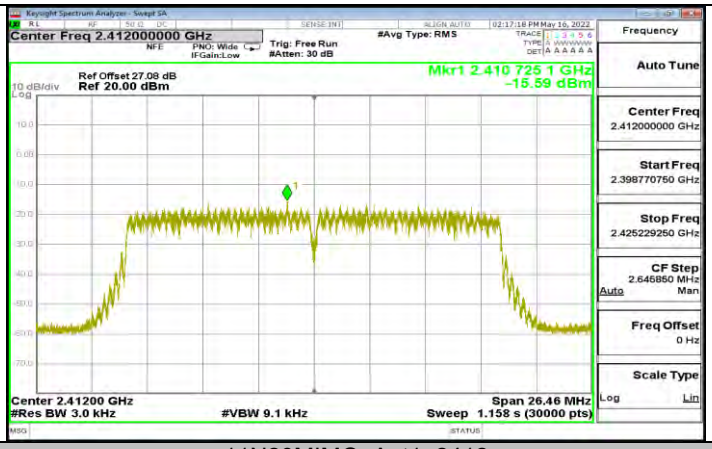
11G_Ant1_2412



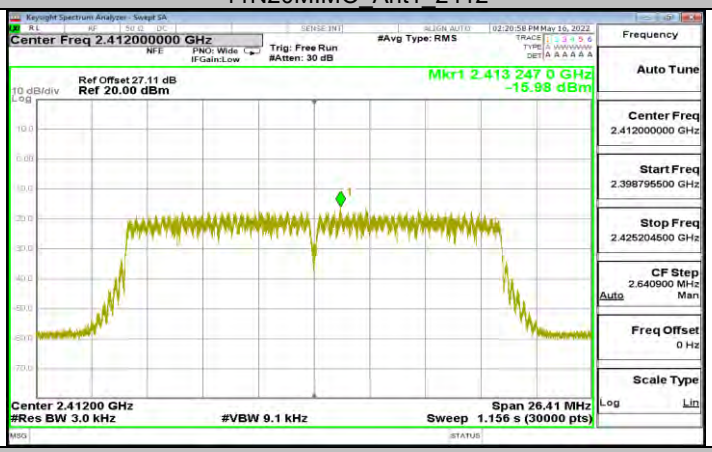
11G_Ant1_2437



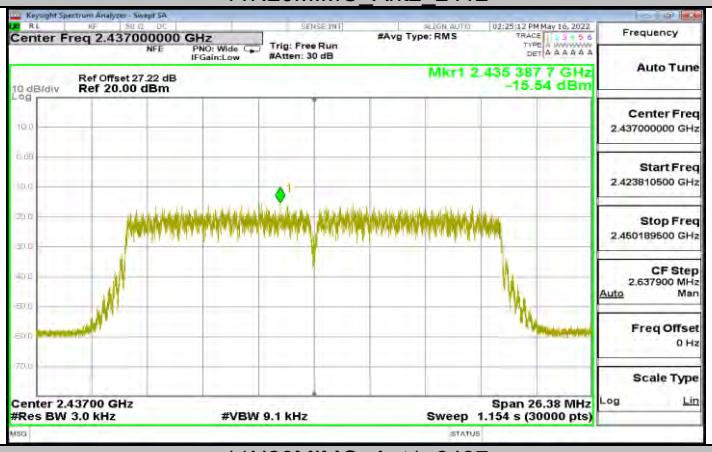
11G_Ant1_2462



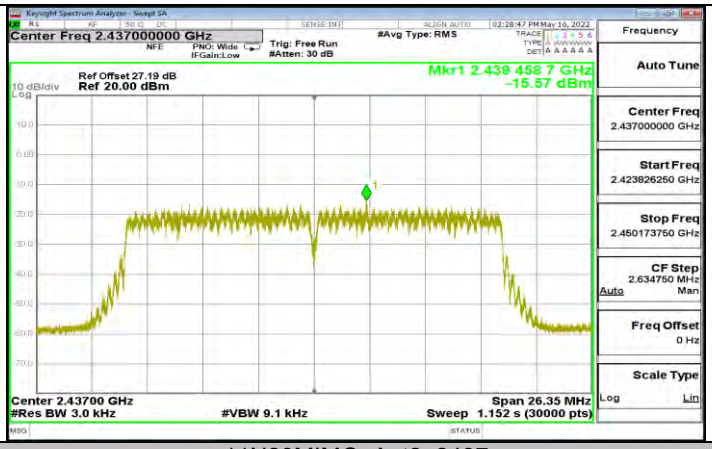
11N20MIMO_Ant1_2412



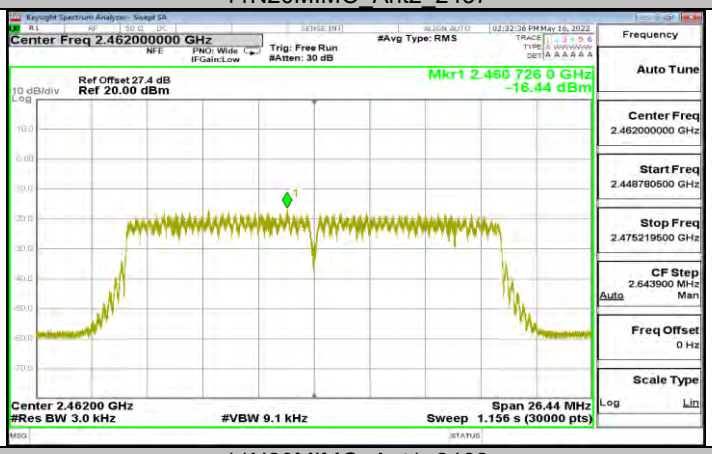
11N20MIMO_Ant2_2412



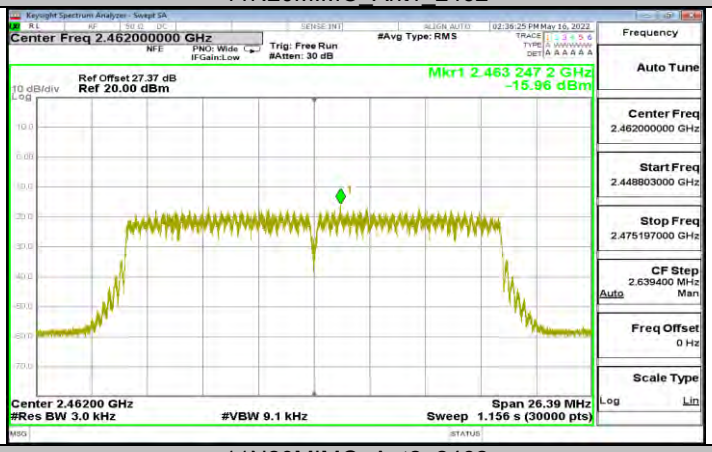
11N20MIMO_Ant1_2437



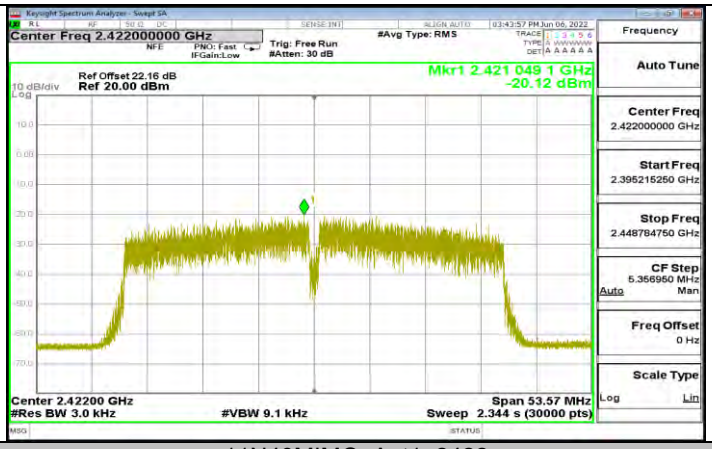
11N20MIMO_Ant2_2437



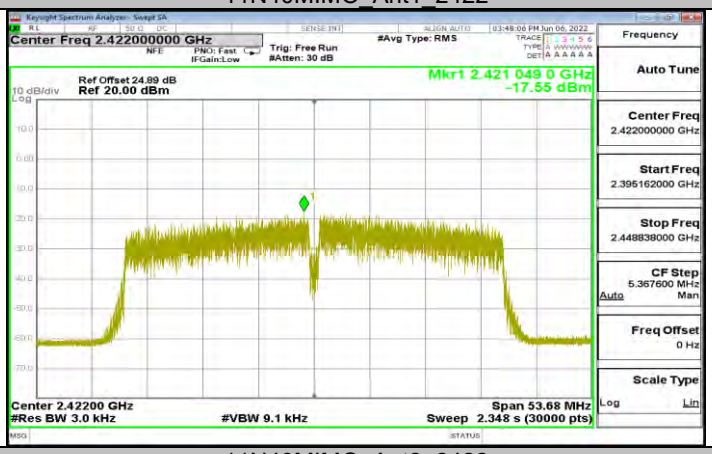
11N20MIMO_Ant1_2462



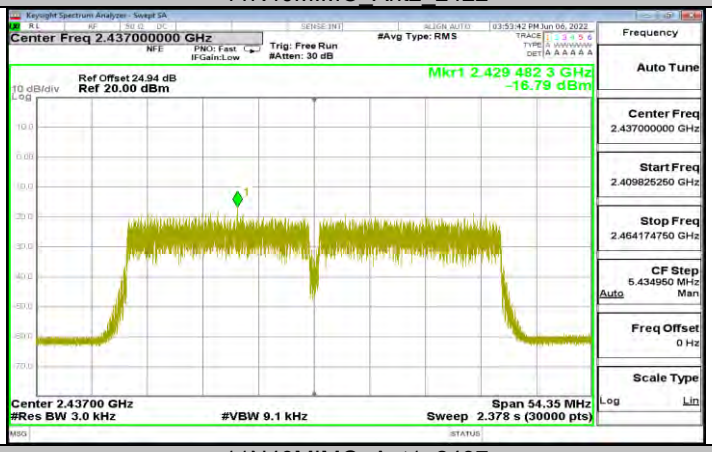
11N20MIMO_Ant2_2462



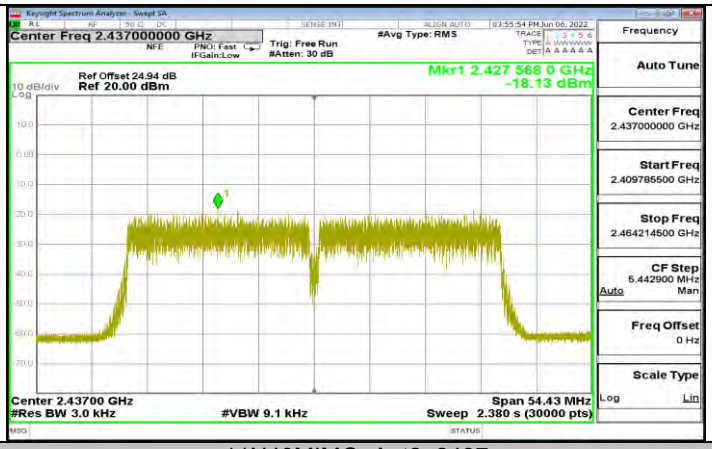
11N40MIMO_Ant1_2422



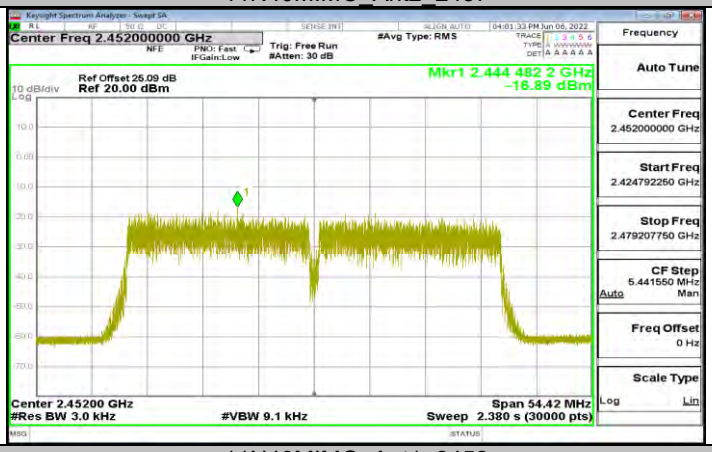
11N40MIMO_Ant2_2422



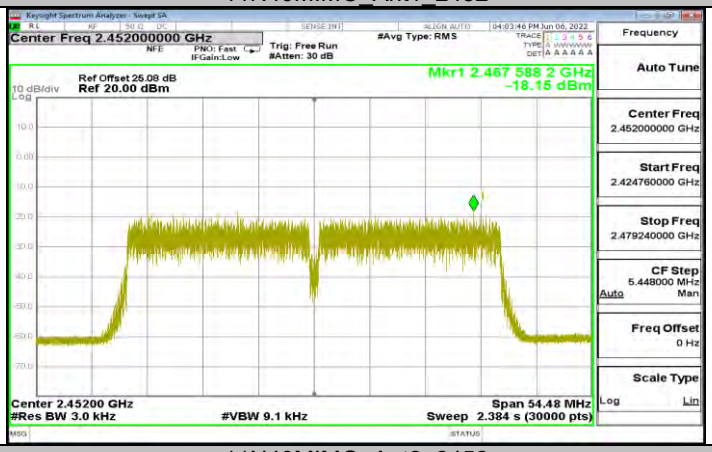
11N40MIMO_Ant1_2437



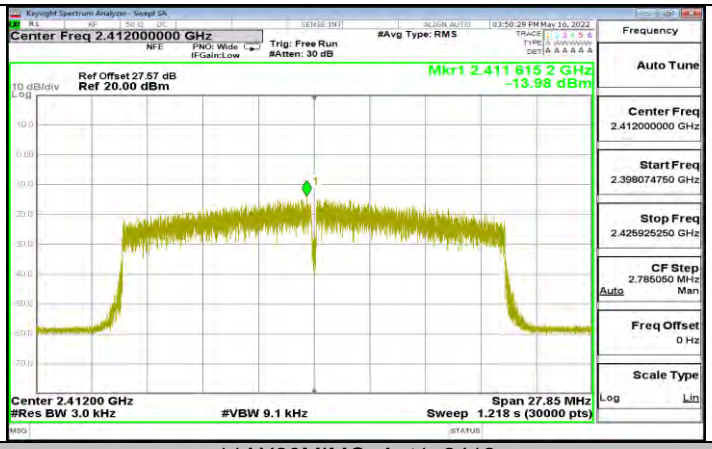
11N40MIMO_Ant2_2437



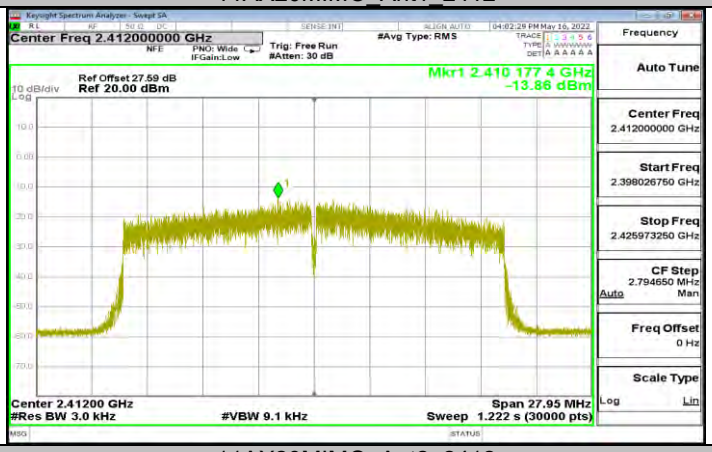
11N40MIMO_Ant1_2452



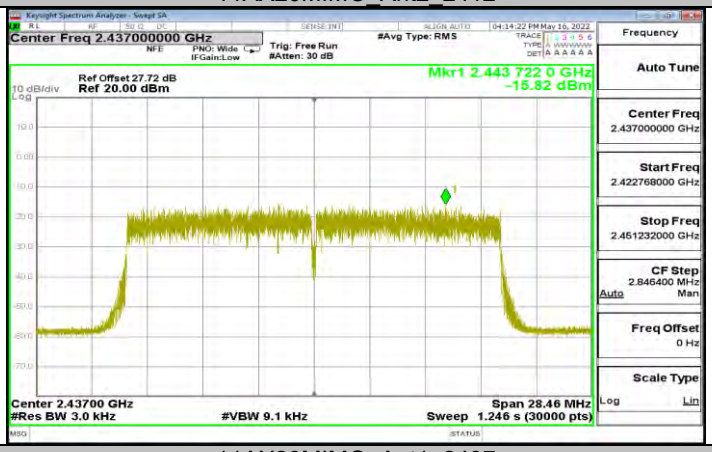
11N40MIMO_Ant2_2452



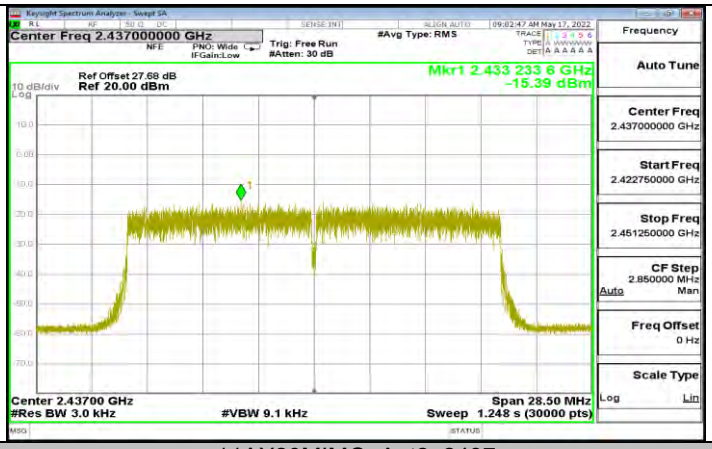
11AX20MIMO_Ant1_2412



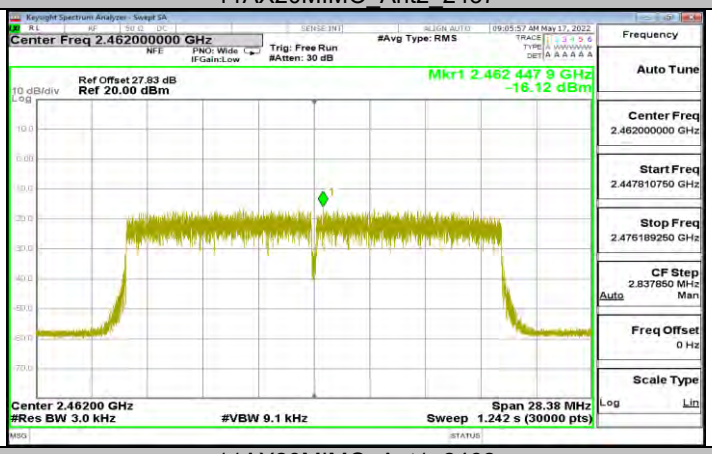
11AX20MIMO_Ant2_2412



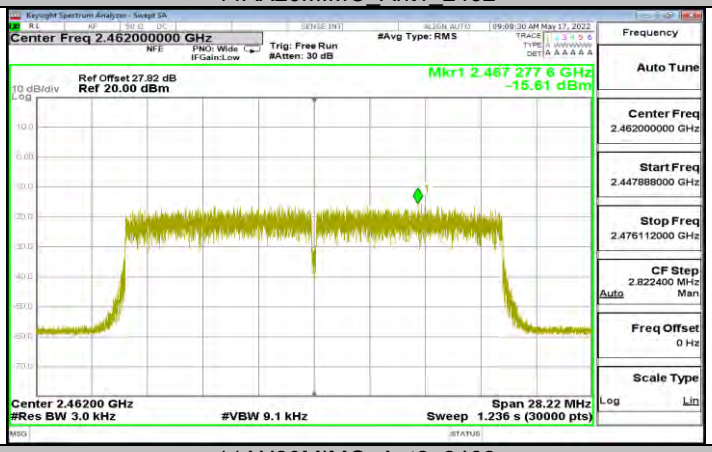
11AX20MIMO_Ant1_2437



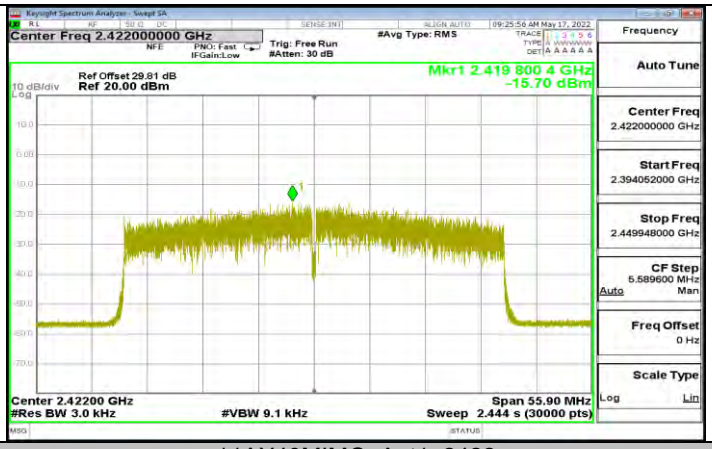
11AX20MIMO_Ant2_2437



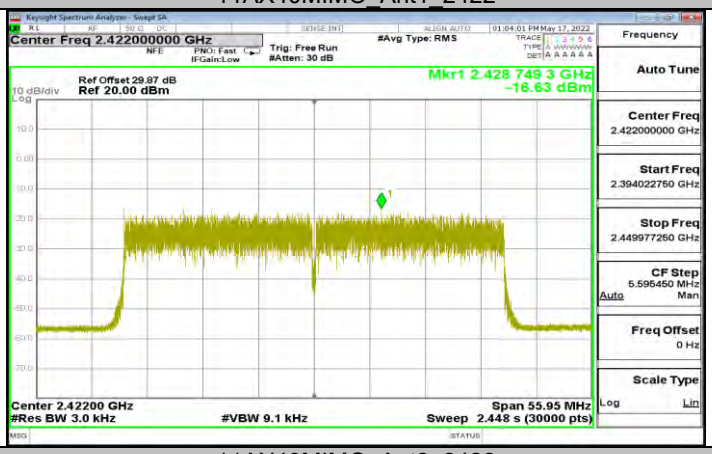
11AX20MIMO_Ant1_2462



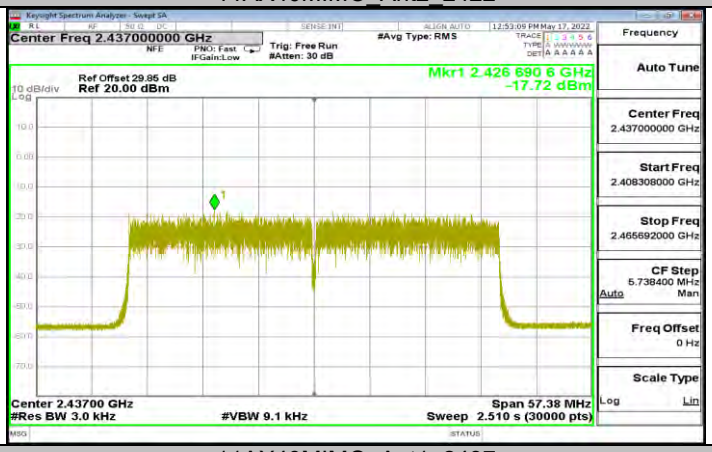
11AX20MIMO_Ant2_2462



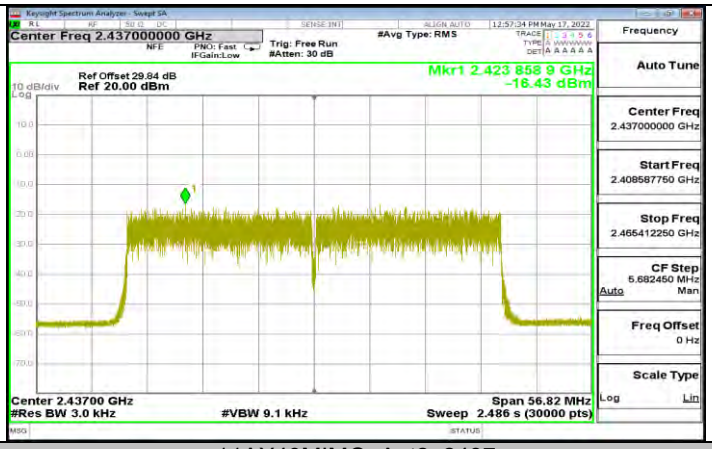
11AX40MIMO_Ant1_2422



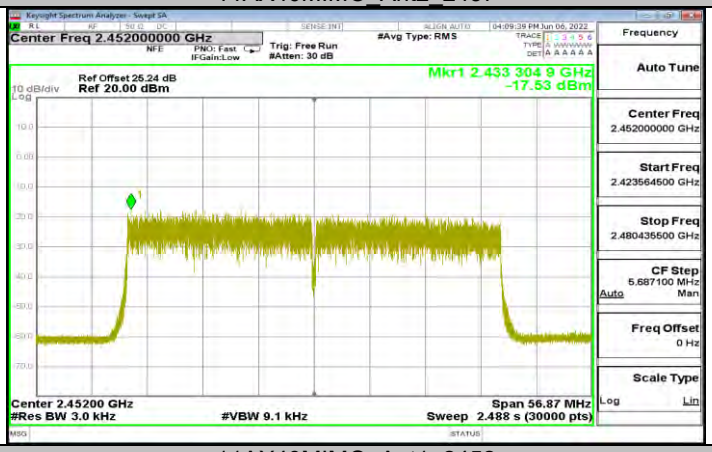
11AX40MIMO_Ant2_2422



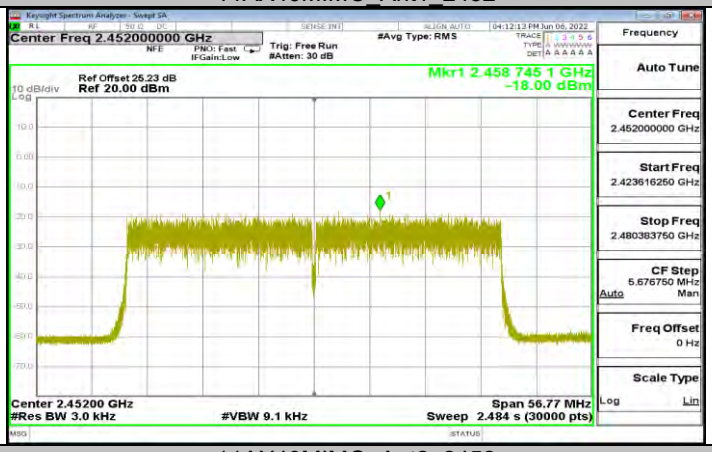
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452

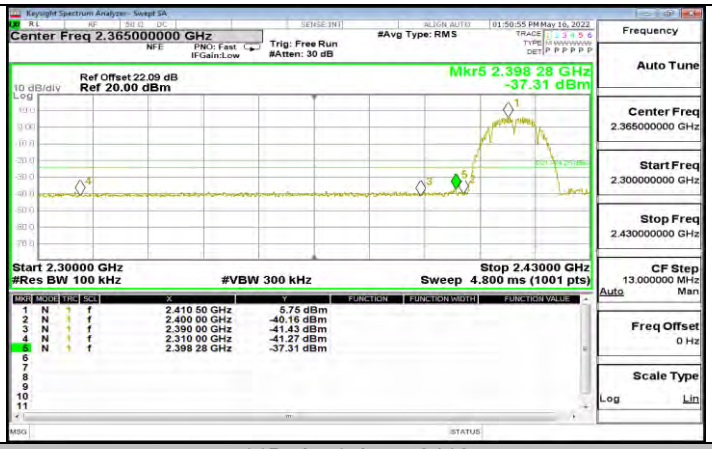
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

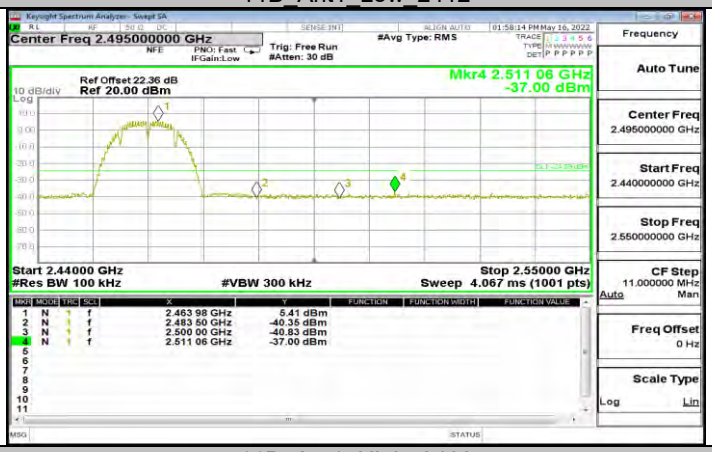
Test Mode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	5.75	-37.31	≤-24.25	PASS
		High	2462	5.41	-37	≤-24.59	PASS
11G	Ant1	Low	2412	4.50	-36.95	≤-25.5	PASS
		High	2462	4.11	-37.52	≤-25.89	PASS
11N20MIMO	Ant1	Low	2412	4.61	-36.24	≤-25.39	PASS
	Ant2	Low	2412	4.16	-35.75	≤-25.84	PASS
	Ant1	High	2462	4.40	-37.13	≤-25.6	PASS
	Ant2	High	2462	4.30	-36.58	≤-25.7	PASS
11N40MIMO	Ant1	Low	2422	3.29	-37.93	≤-26.71	PASS
	Ant2	Low	2422	3.34	-36.97	≤-26.66	PASS
	Ant1	High	2452	1.20	-35.87	≤-28.8	PASS
	Ant2	High	2452	1.55	-36.35	≤-28.45	PASS
11AX20MIMO	Ant1	Low	2412	6.05	-37.13	≤-23.95	PASS
	Ant2	Low	2412	4.87	-38.38	≤-25.14	PASS
	Ant1	High	2462	5.82	-37.77	≤-24.18	PASS
	Ant2	High	2462	4.53	-37.64	≤-25.47	PASS
11AX40MIMO	Ant1	Low	2422	2.80	-37.87	≤-27.2	PASS
	Ant2	Low	2422	3.49	-38.25	≤-26.51	PASS
	Ant1	High	2452	0.89	-36.49	≤-29.11	PASS
	Ant2	High	2452	1.27	-35.31	≤-28.73	PASS

Note: For 802.11 b&g mode, only the worst case data recorded in this report.

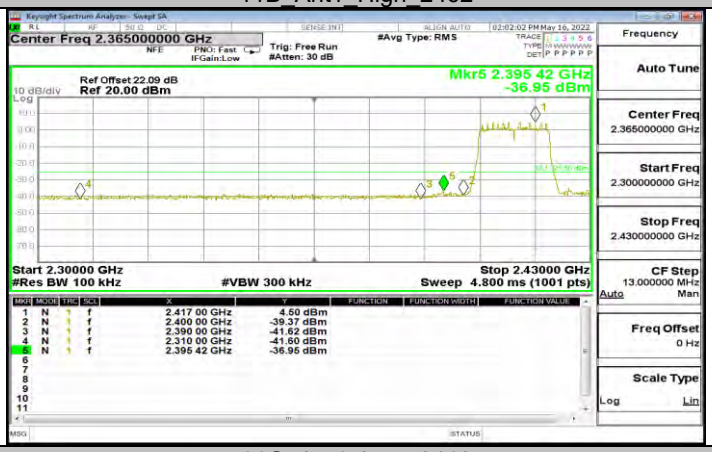
11.5.2. Test Graphs



11B_Ant1_Low_2412



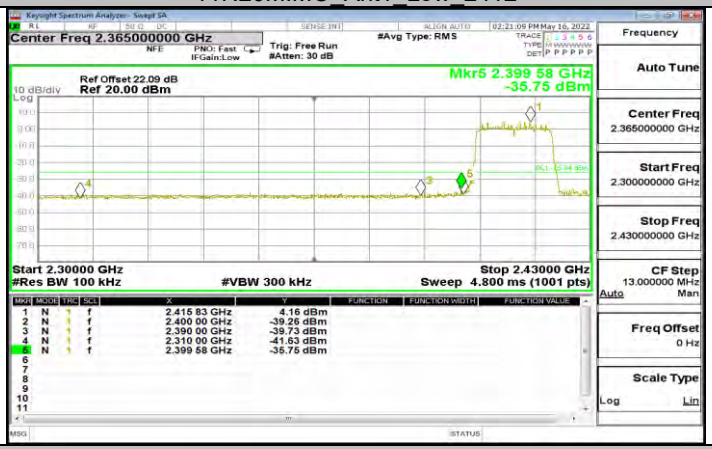
11B_Ant1_High_2462



11G_Ant1_Low_2412

11G_Ant1_High_2462

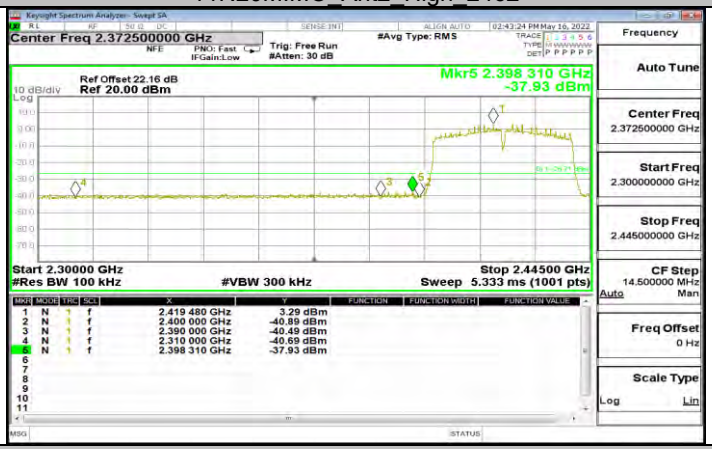
11N20MIMO_Ant1_Low_2412



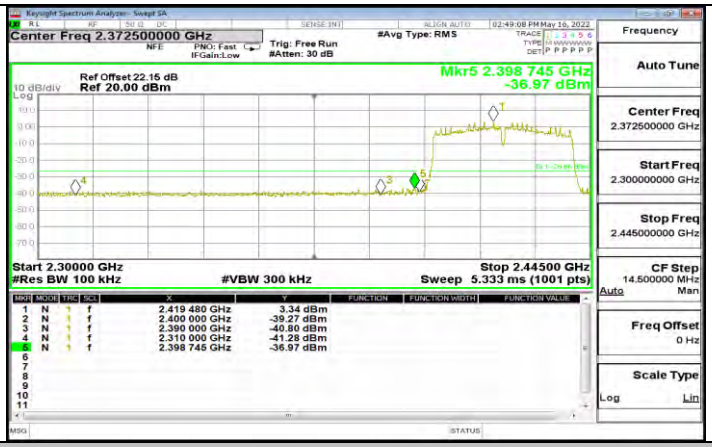
11N20MIMO_Ant2_Low_2412

11N20MIMO_Ant1_High_2462

11N20MIMO_Ant2_High_2462



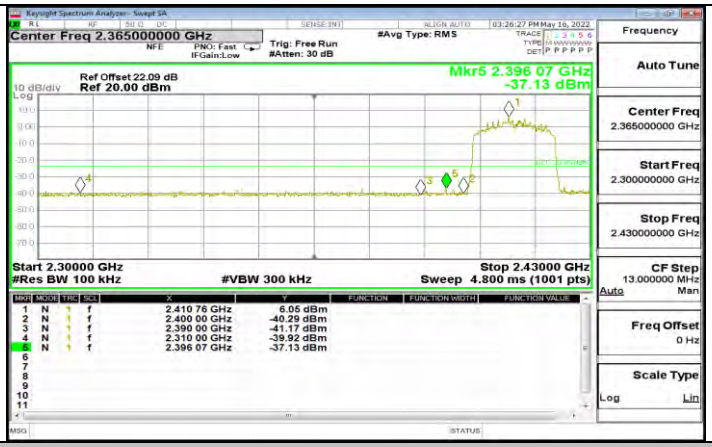
11N40MIMO_Ant1_Low_2422



11N40MIMO_Ant2_Low_2422

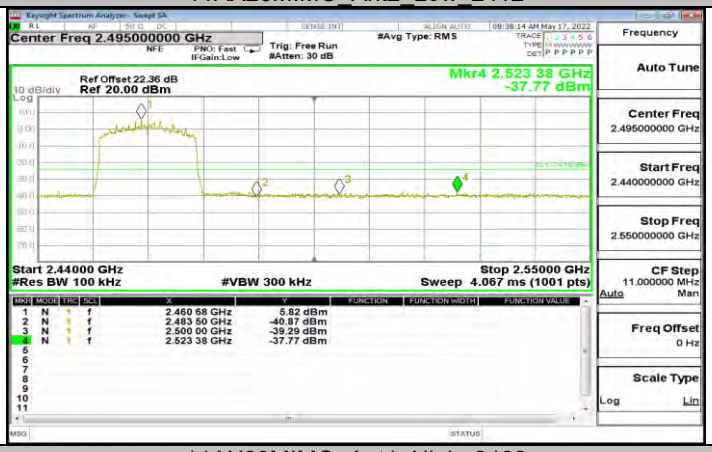
11N40MIMO_Ant1_High_2452

11N40MIMO_Ant2_High_2452



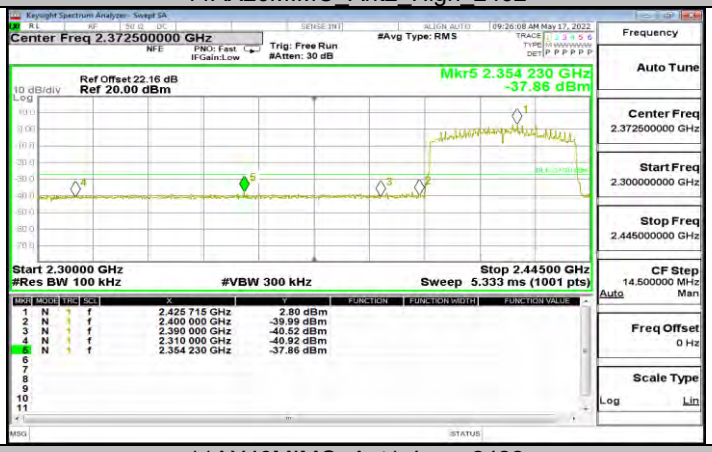
11AX20MIMO_Ant1_Low_2412

11AX20MIMO_Ant2_Low_2412

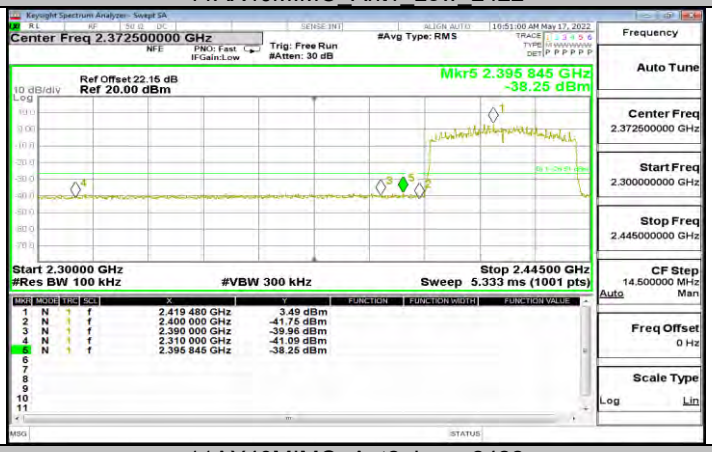


11AX20MIMO_Ant1_High_2462

11AX20MIMO_Ant2_High_2462



11AX40MIMO_Ant1_Low_2422



11AX40MIMO_Ant2_Low_2422

11AX40MIMO_Ant1_High_2452

11AX40MIMO_Ant2_High_2452

11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

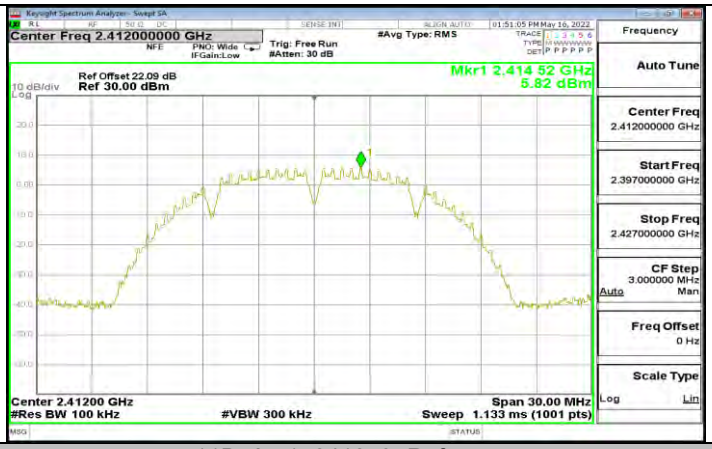
11.6.1. Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.82	---	PASS
			30~1000	-49.87	≤-24.18	PASS
			1000~26500	-41.92	≤-24.18	PASS
		2437	Reference	5.76	---	PASS
			30~1000	-49.89	≤-24.24	PASS
			1000~26500	-41.77	≤-24.24	PASS
		2462	Reference	5.78	---	PASS
			30~1000	-49.27	≤-24.22	PASS
			1000~26500	-41.73	≤-24.22	PASS
11G	Ant1	2412	Reference	4.58	---	PASS
			30~1000	-49.22	≤-25.42	PASS
			1000~26500	-42.2	≤-25.42	PASS
		2437	Reference	4.47	---	PASS
			30~1000	-49.94	≤-25.53	PASS
			1000~26500	-40.73	≤-25.53	PASS
		2462	Reference	4.07	---	PASS
			30~1000	-49.37	≤-25.93	PASS
			1000~26500	-41.25	≤-25.93	PASS
11N20MIMO	Ant1	2412	Reference	4.40	---	PASS
			30~1000	-49.58	≤-25.6	PASS
			1000~26500	-41.71	≤-25.6	PASS
	Ant2	2412	Reference	4.60	---	PASS
			30~1000	-49.69	≤-25.4	PASS
			1000~26500	-41.83	≤-25.4	PASS
	Ant1	2437	Reference	4.54	---	PASS
			30~1000	-49.84	≤-25.46	PASS
			1000~26500	-41	≤-25.46	PASS
	Ant2	2437	Reference	4.77	---	PASS
			30~1000	-49.42	≤-25.23	PASS
			1000~26500	-41.47	≤-25.23	PASS
	Ant1	2462	Reference	4.21	---	PASS
			30~1000	-49.41	≤-25.79	PASS
			1000~26500	-40.59	≤-25.79	PASS
	Ant2	2462	Reference	4.48	---	PASS
			30~1000	-49.75	≤-25.52	PASS
			1000~26500	-41.13	≤-25.52	PASS
11N40MIMO	Ant1	2422	Reference	3.26	---	PASS
			30~1000	-48.77	≤-26.74	PASS
			1000~26500	-42.02	≤-26.74	PASS
	Ant2	2422	Reference	3.47	---	PASS
			30~1000	-49.39	≤-26.53	PASS
			1000~26500	-42.02	≤-26.53	PASS
	Ant1	2437	Reference	1.38	---	PASS
			30~1000	-49.9	≤-28.62	PASS
			1000~26500	-41.91	≤-28.62	PASS
	Ant2	2437	Reference	1.54	---	PASS
			30~1000	-49.43	≤-28.46	PASS
			1000~26500	-41.39	≤-28.46	PASS
	Ant1	2452	Reference	1.25	---	PASS
			30~1000	-48.74	≤-28.75	PASS
			1000~26500	-41.35	≤-28.75	PASS
	Ant2	2452	Reference	1.61	---	PASS
			30~1000	-50.24	≤-28.39	PASS
			1000~26500	-41.71	≤-28.39	PASS
11AX20MIMO	Ant1	2412	Reference	6.02	---	PASS
			30~1000	-48.39	≤-23.98	PASS
			1000~26500	-41.67	≤-23.98	PASS

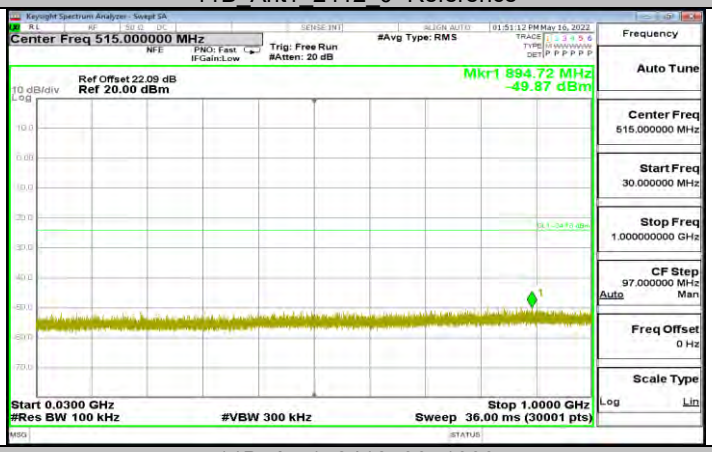
	Ant2	2412	Reference	5.04	---	PASS
			30~1000	-49	≤-24.96	PASS
			1000~26500	-42.11	≤-24.96	PASS
	Ant1	2437	Reference	4.21	---	PASS
			30~1000	-48.84	≤-25.79	PASS
			1000~26500	-40.93	≤-25.79	PASS
	Ant2	2437	Reference	4.20	---	PASS
			30~1000	-49.89	≤-25.8	PASS
			1000~26500	-41.91	≤-25.8	PASS
	Ant1	2462	Reference	5.86	---	PASS
			30~1000	-49.77	≤-24.14	PASS
			1000~26500	-41.19	≤-24.14	PASS
	Ant2	2462	Reference	4.51	---	PASS
			30~1000	-49.56	≤-25.48	PASS
			1000~26500	-41.86	≤-25.48	PASS
11AX40MIMO	Ant1	2422	Reference	2.71	---	PASS
			30~1000	-49.13	≤-27.29	PASS
			1000~26500	-41.73	≤-27.29	PASS
	Ant2	2422	Reference	2.97	---	PASS
			30~1000	-49.82	≤-27.03	PASS
			1000~26500	-41.72	≤-27.03	PASS
	Ant1	2437	Reference	2.94	---	PASS
			30~1000	-50.12	≤-27.06	PASS
			1000~26500	-41.68	≤-27.06	PASS
	Ant2	2437	Reference	1.96	---	PASS
			30~1000	-49.14	≤-28.04	PASS
			1000~26500	-41.54	≤-28.04	PASS
	Ant1	2452	Reference	0.92	---	PASS
			30~1000	-49.76	≤-29.08	PASS
			1000~26500	-41.67	≤-29.08	PASS
	Ant2	2452	Reference	1.78	---	PASS
			30~1000	-49.03	≤-28.22	PASS
			1000~26500	-40.82	≤-28.22	PASS

Note: For 802.11 b&g mode, only the worst case data recorded in this report.

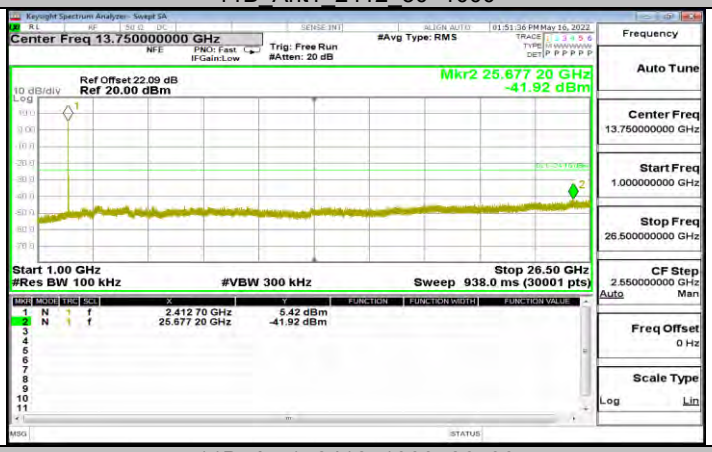
11.6.2. Test Graphs



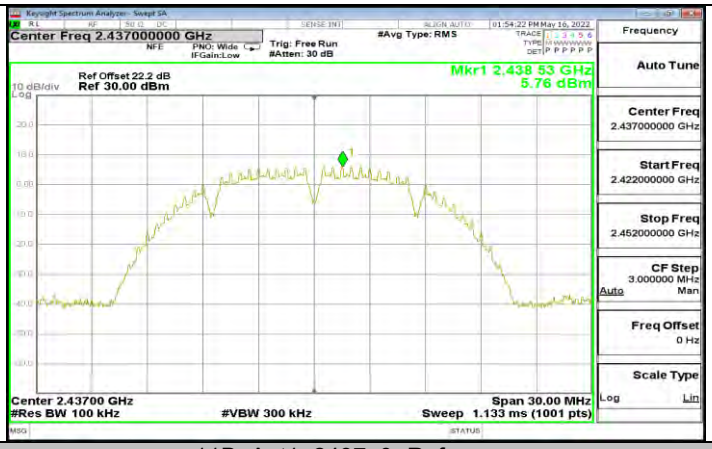
11B_Ant1_2412_0~Reference



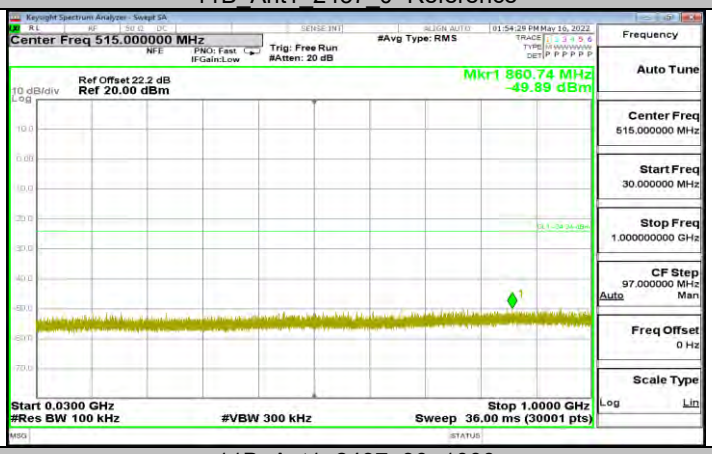
11B_Ant1_2412_30~1000



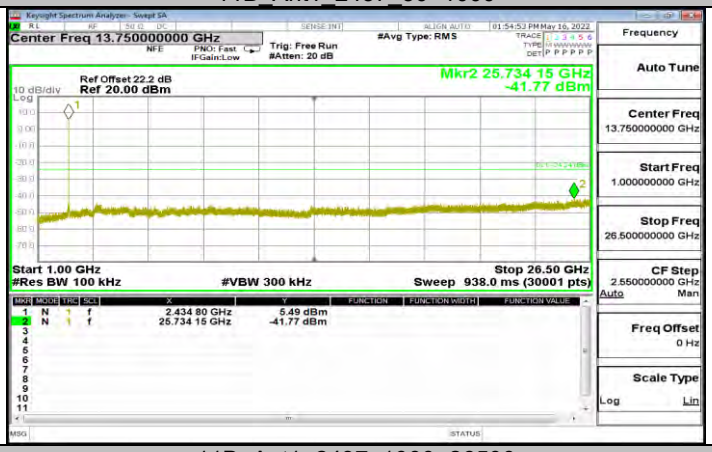
11B_Ant1_2412_1000~26500



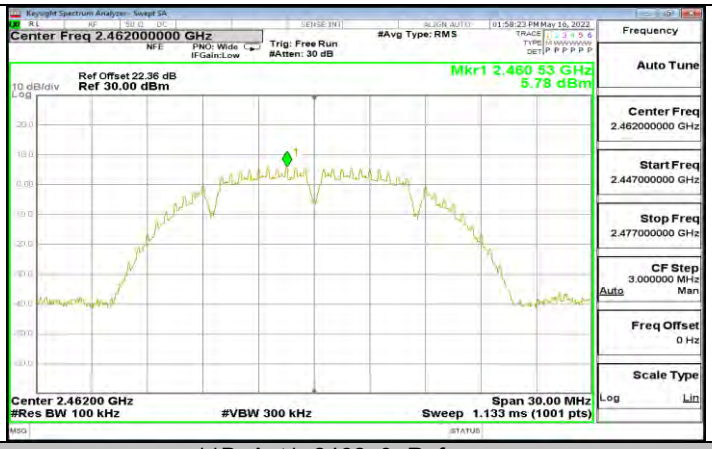
11B_Ant1_2437_0~Reference



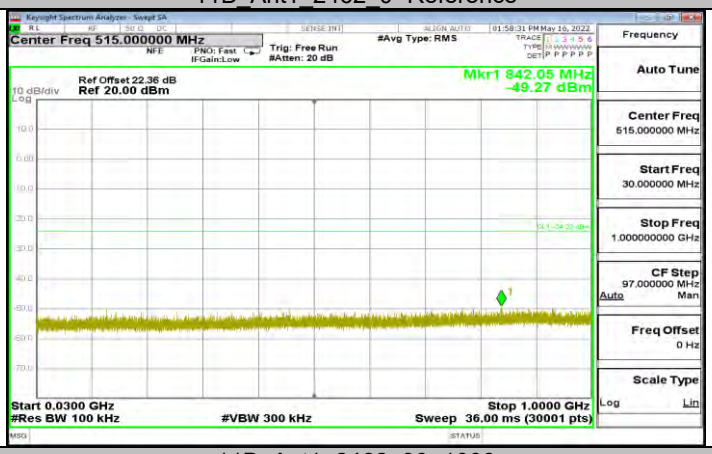
11B_Ant1_2437_30~1000



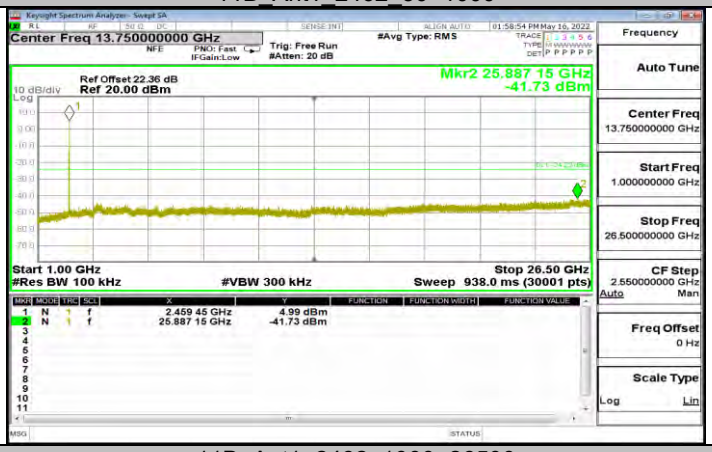
11B_Ant1_2437_1000~26500



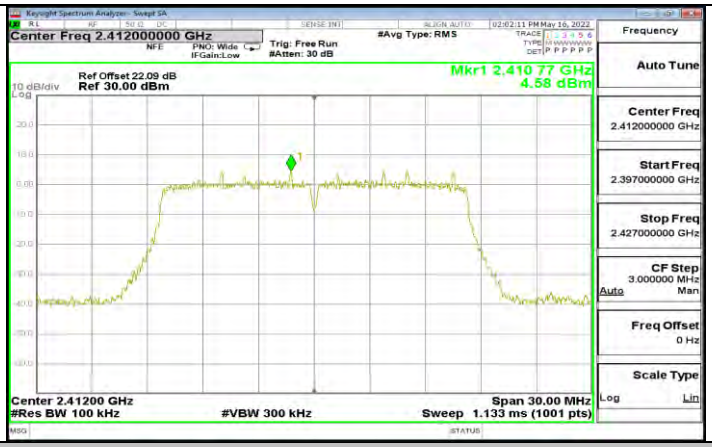
11B_Ant1_2462_0~Reference



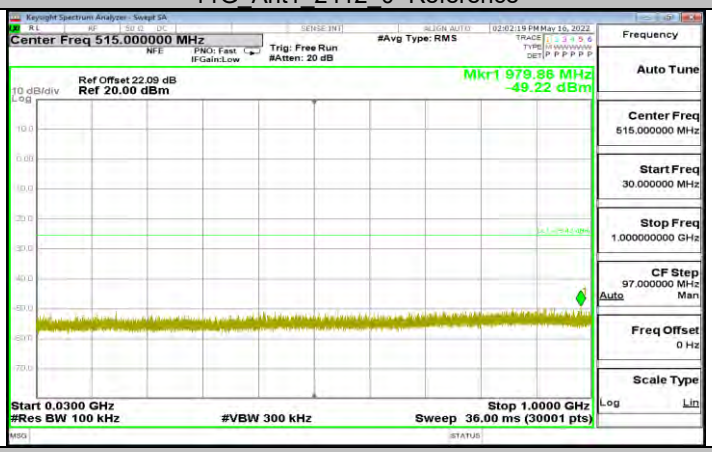
11B_Ant1_2462_30~1000



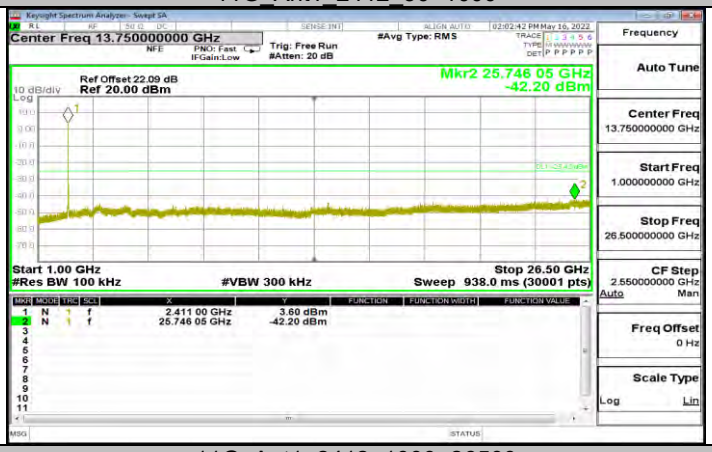
11B_Ant1_2462_1000~26500



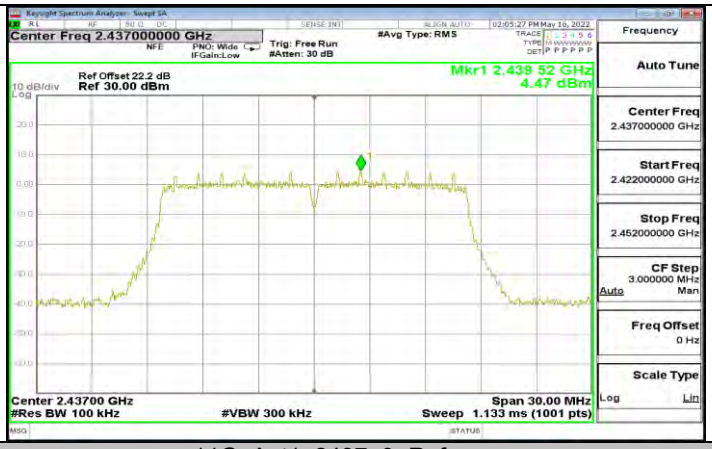
11G_Ant1_2412_0~Reference



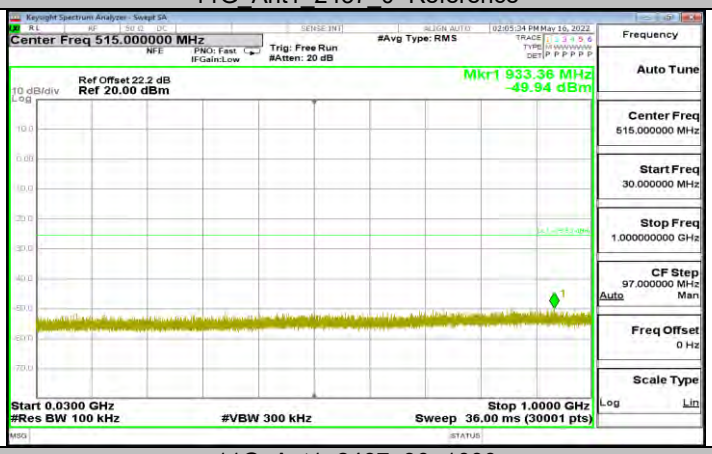
11G_Ant1_2412_30~1000



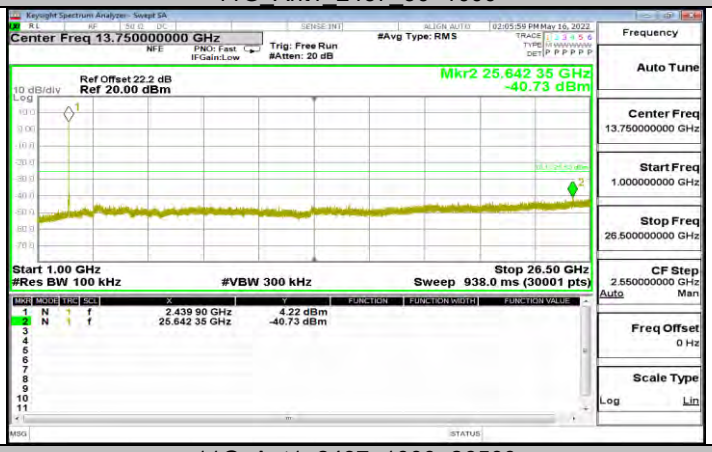
11G_Ant1_2412_1000~26500



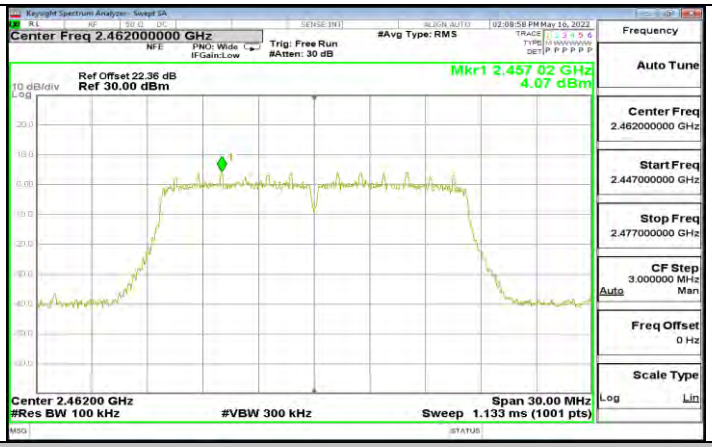
11G_Ant1_2437_0~Reference



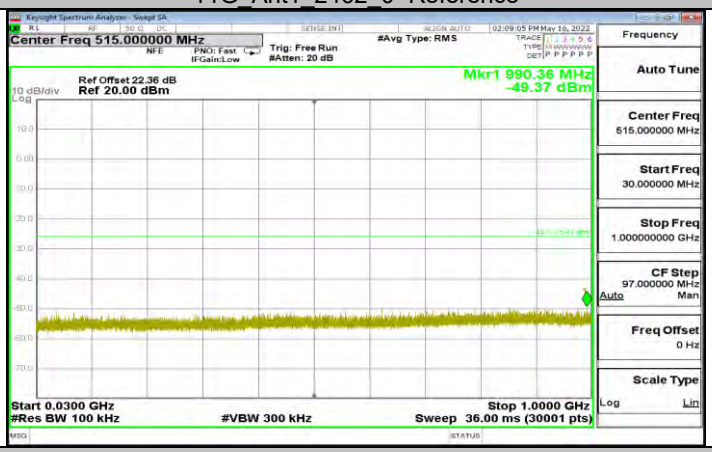
11G_Ant1_2437_30~1000



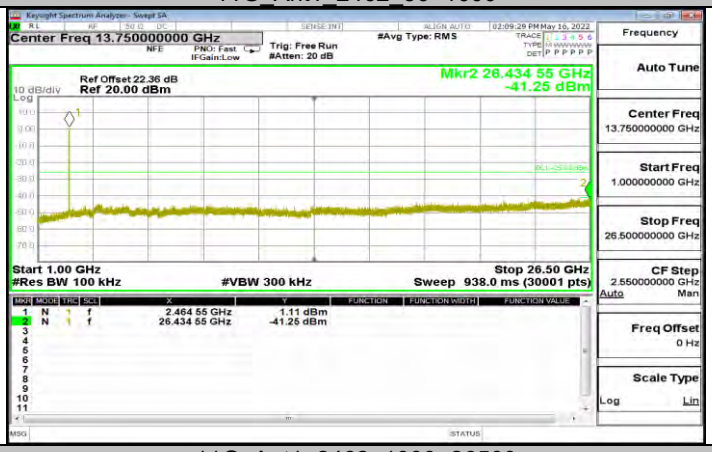
11G_Ant1_2437_1000~26500



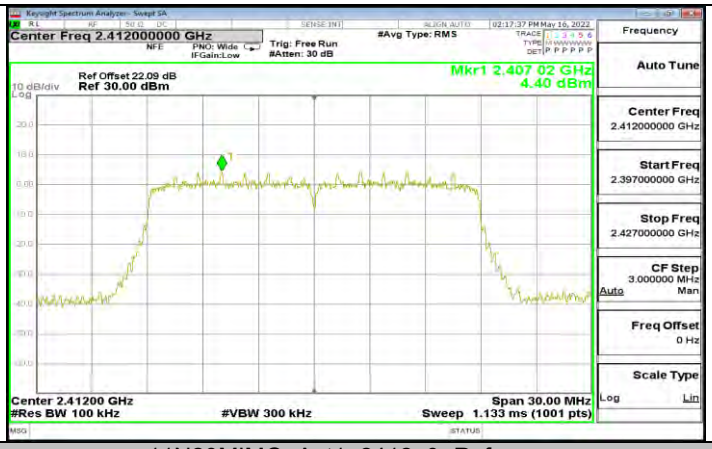
11G_Ant1_2462_0~Reference



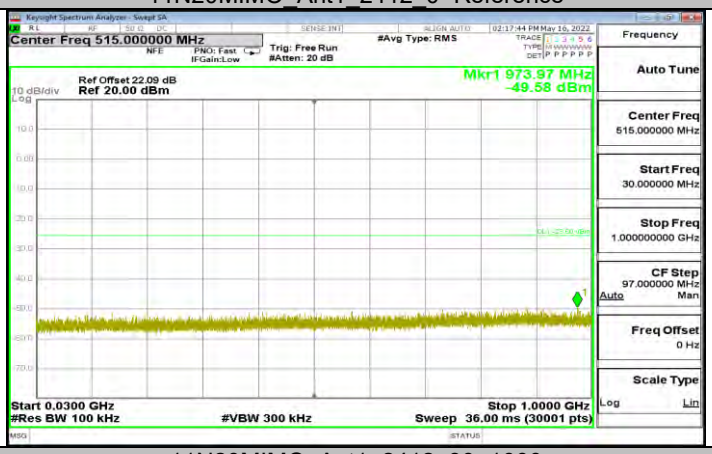
11G_Ant1_2462_30~1000



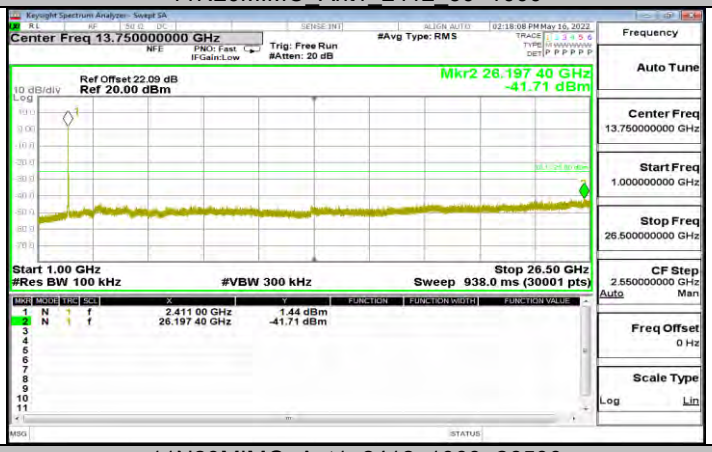
11G_Ant1_2462_1000~26500



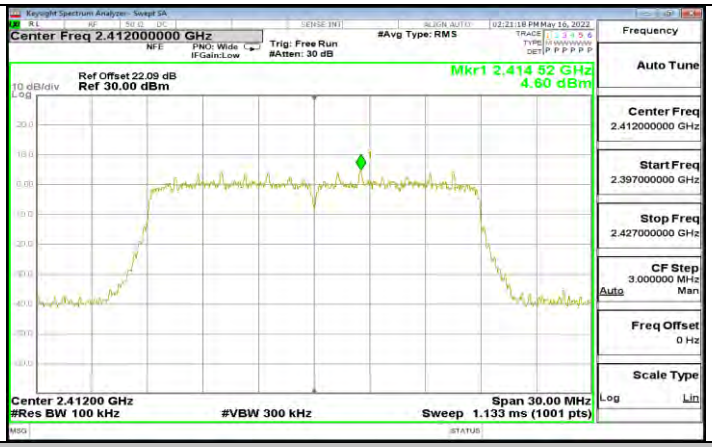
11N20MIMO_Ant1_2412_0~Reference



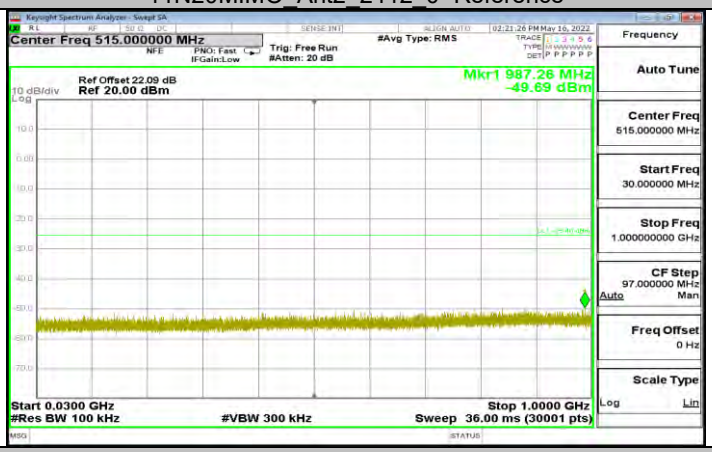
11N20MIMO_Ant1_2412_30~1000



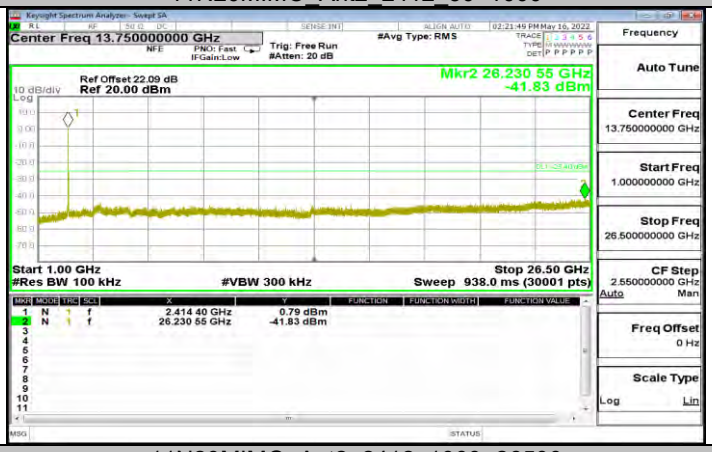
11N20MIMO_Ant1_2412_1000~26500



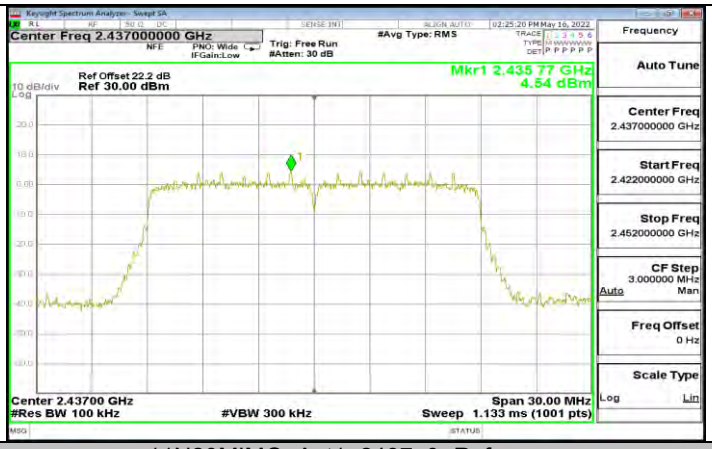
11N20MIMO_Ant2_2412_0~Reference



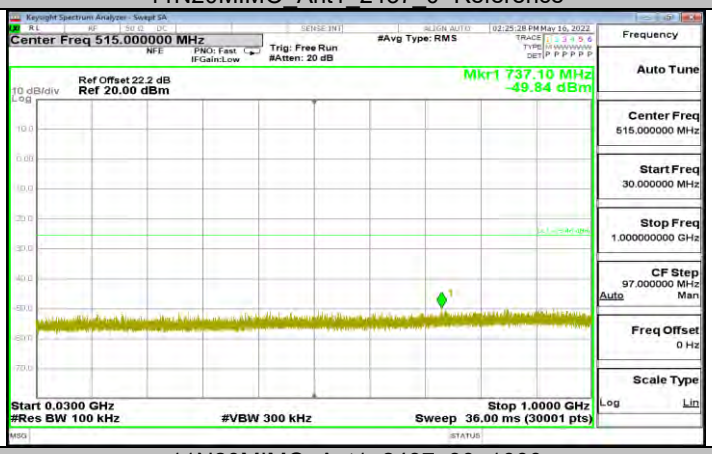
11N20MIMO_Ant2_2412_30~1000



11N20MIMO_Ant2_2412_1000~26500



11N20MIMO_Ant1_2437_0~Reference



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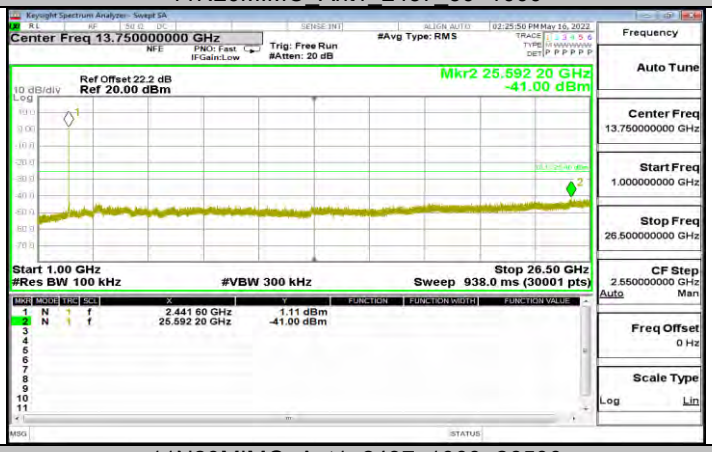

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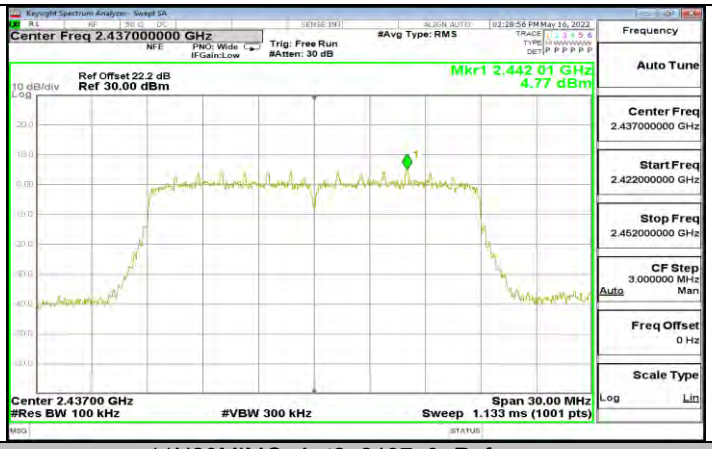

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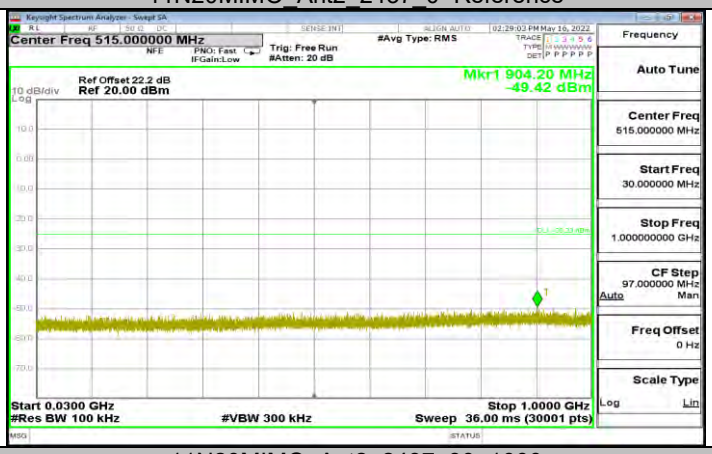
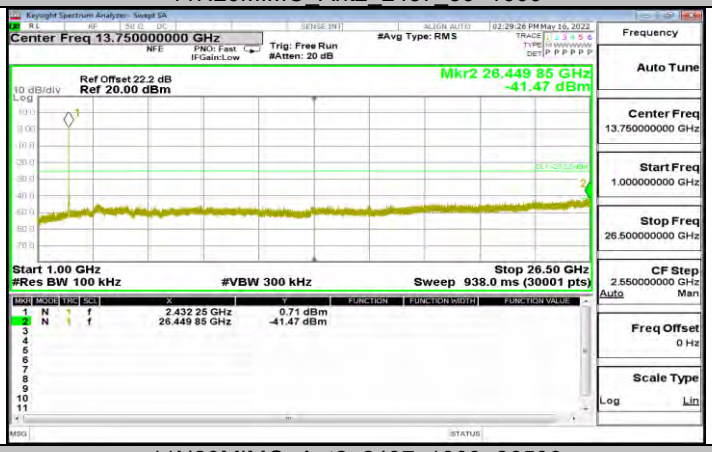


11N20MIMO_Ant2_2437_30~1000



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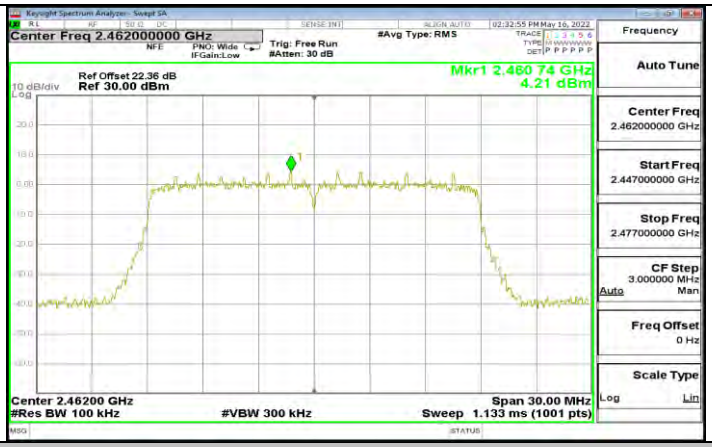

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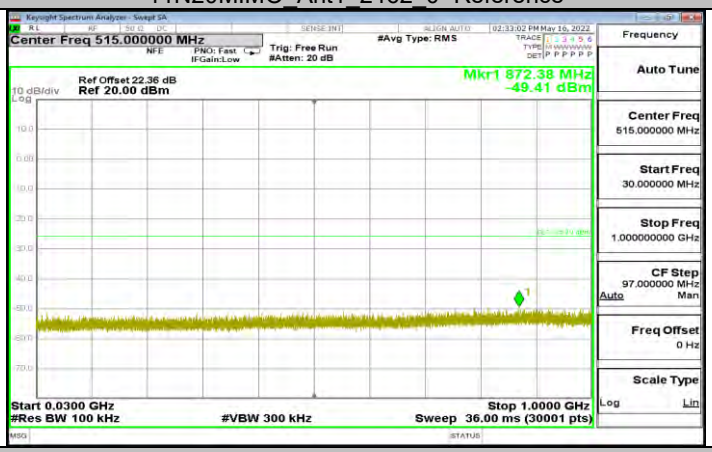

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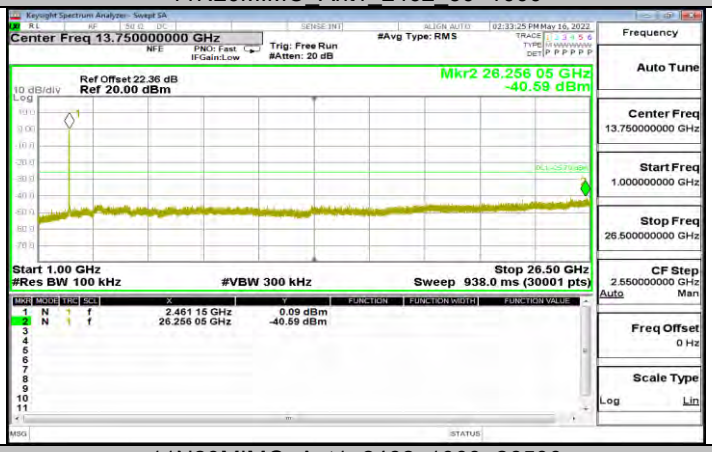
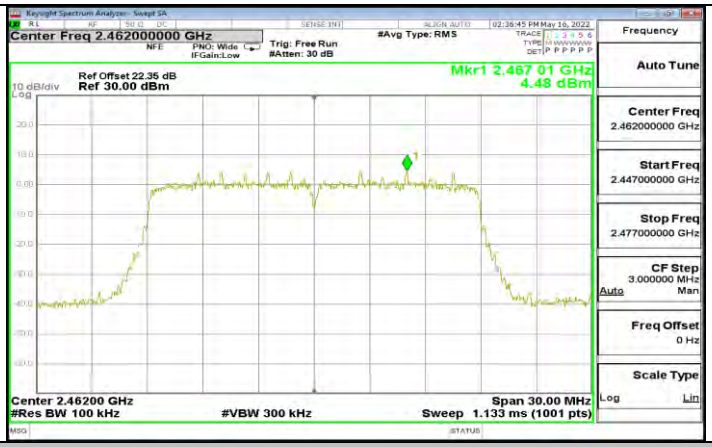


11N20MIMO_Ant1_2462_1000~26500



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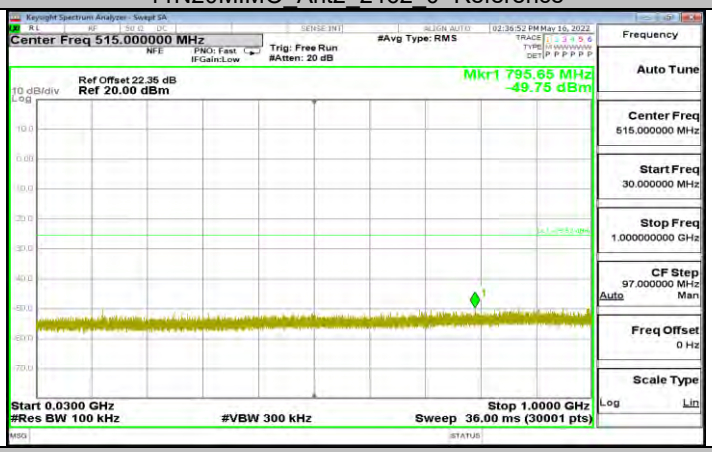

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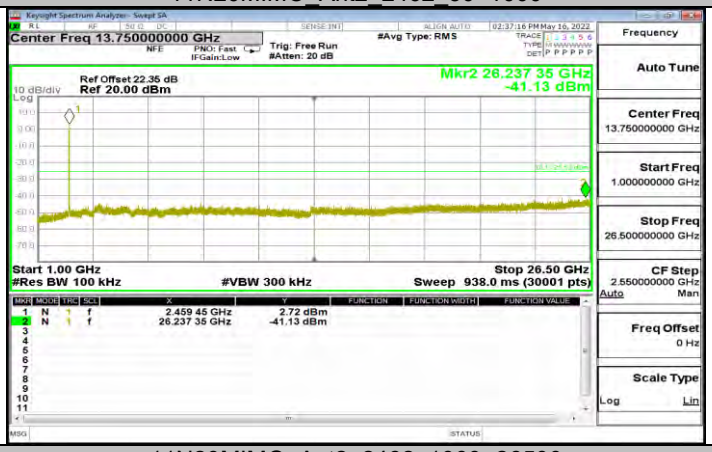
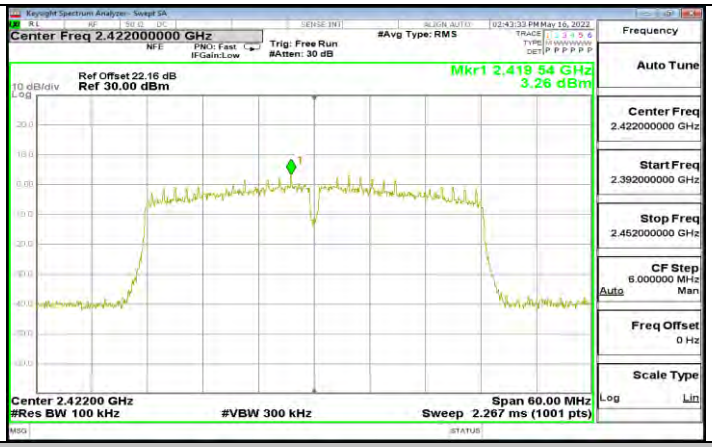
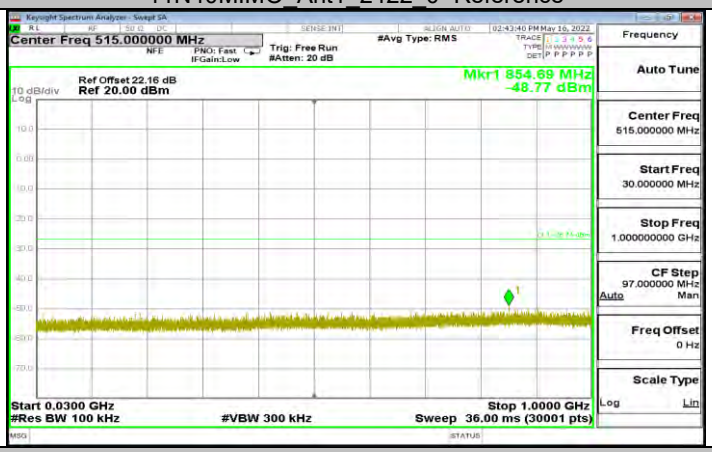


11N20MIMO_Ant2_2462_1000~26500



11N40MIMO_Ant1_2422_0~Reference



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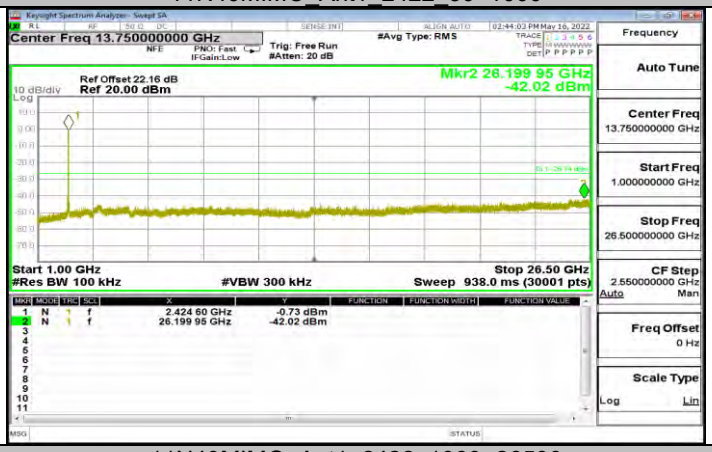

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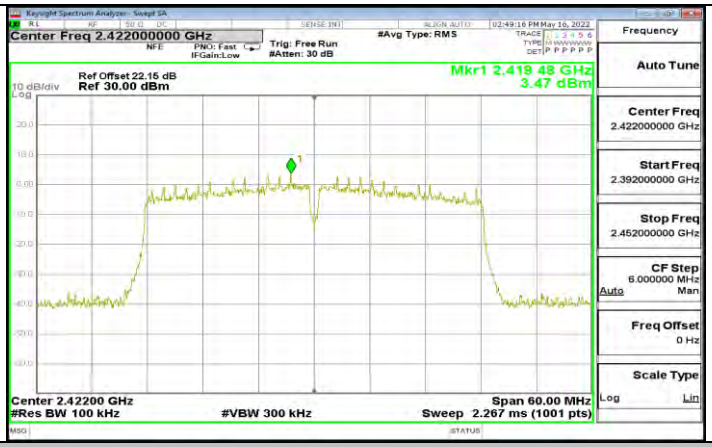

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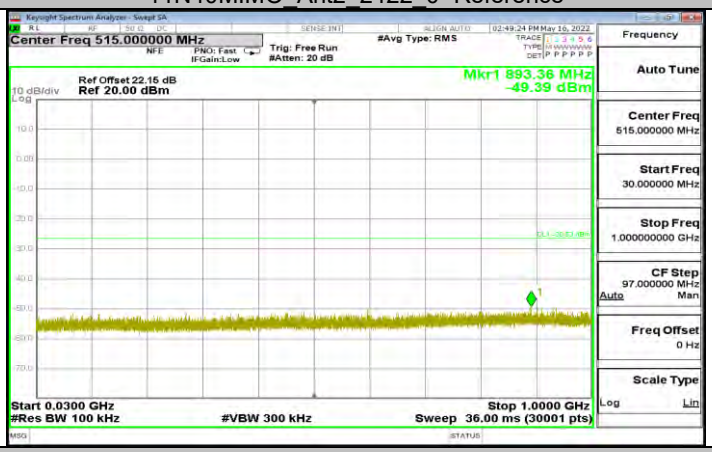

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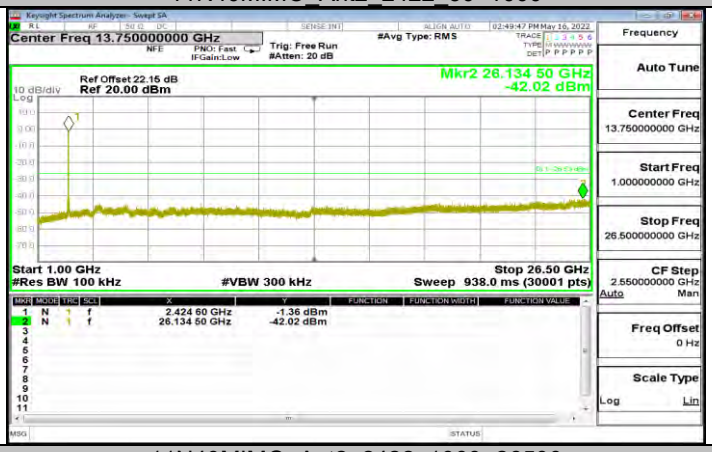

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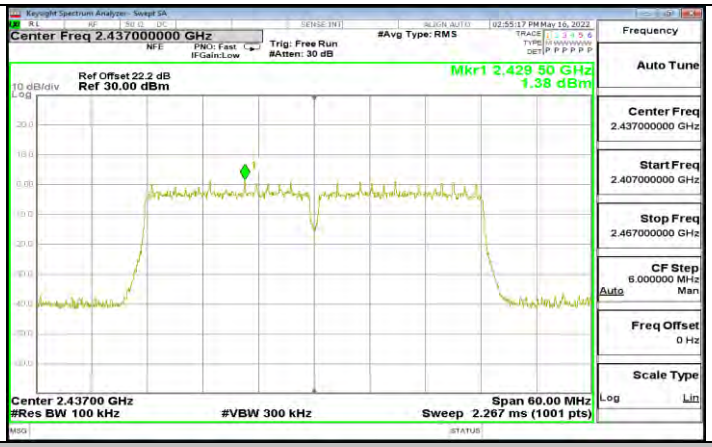

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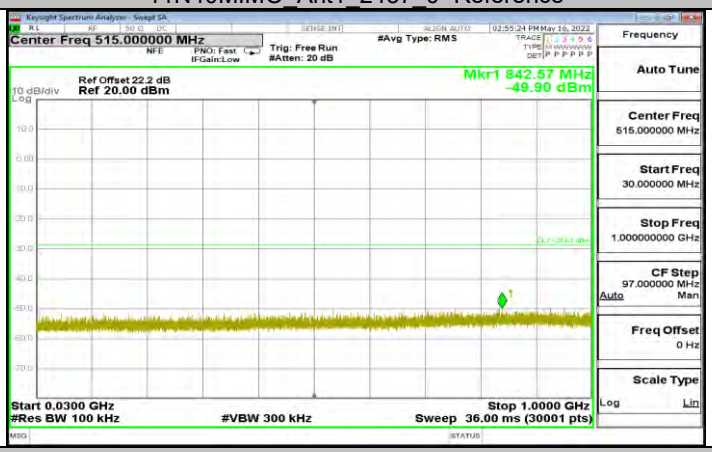

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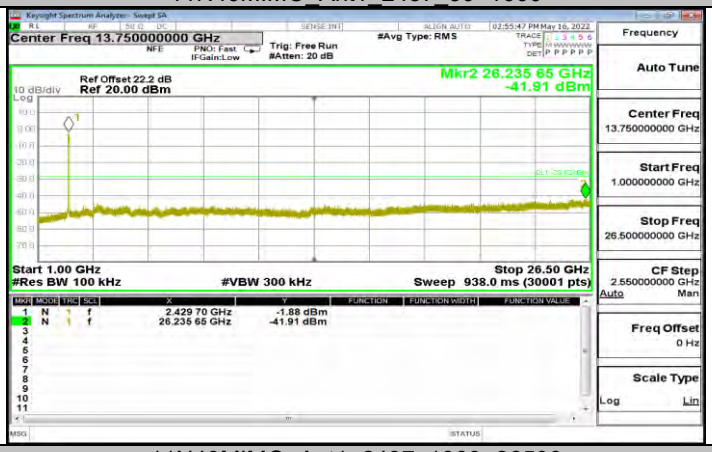

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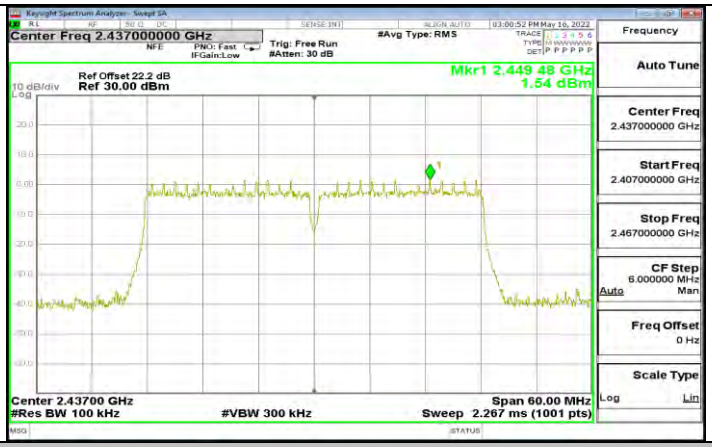

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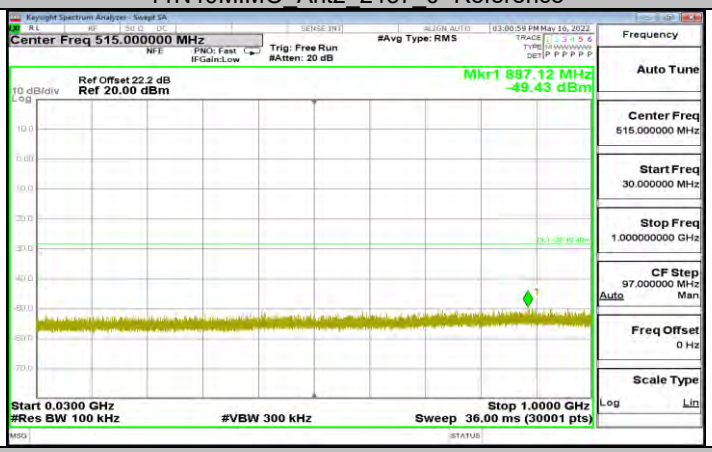

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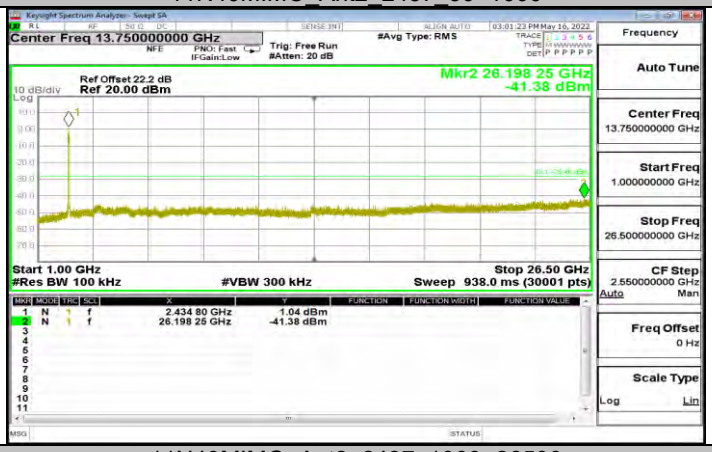
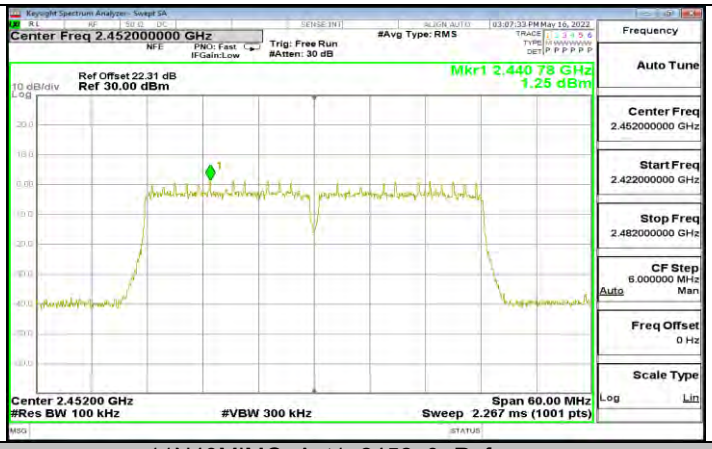


11N40MIMO_Ant2_2437_1000~26500



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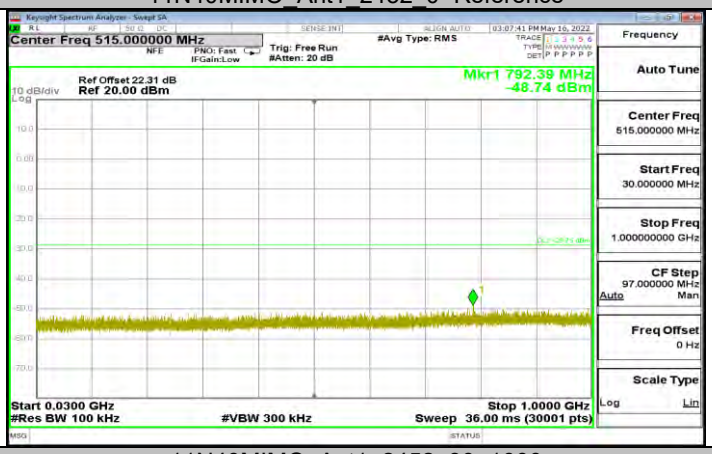

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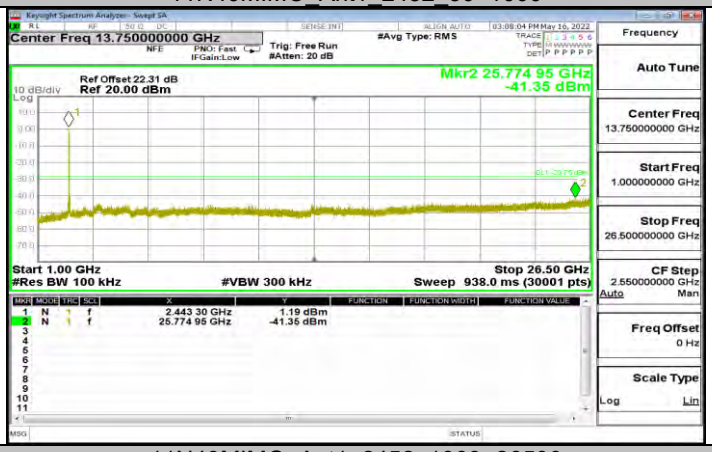

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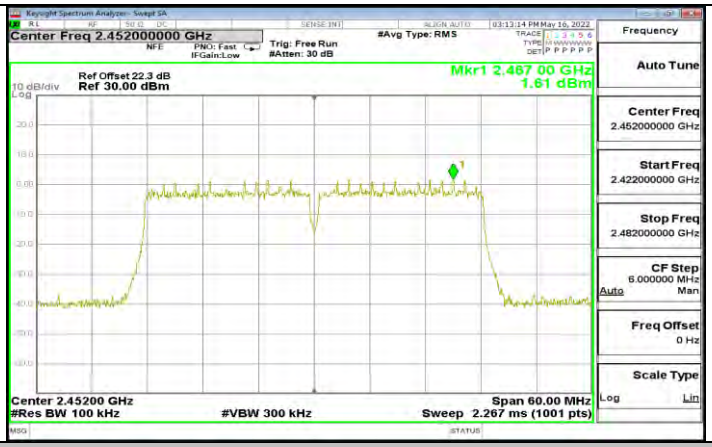

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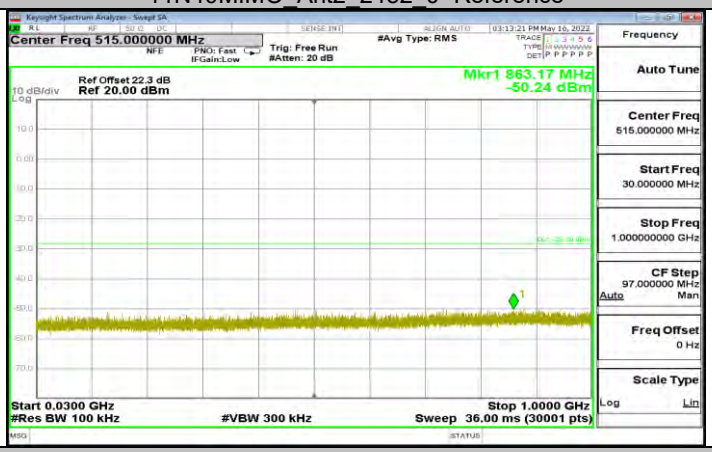

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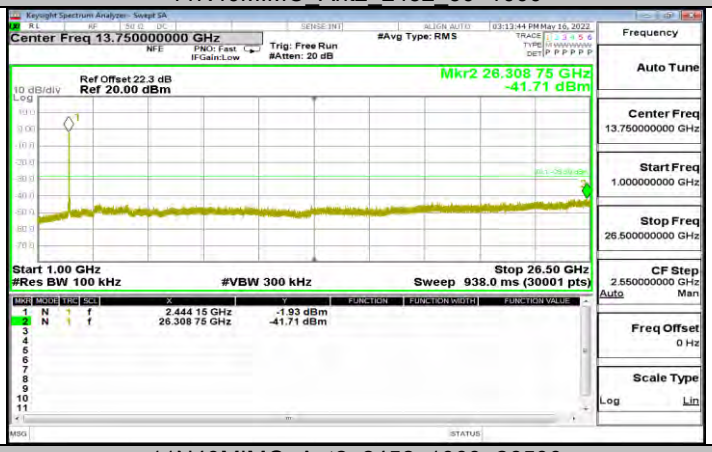

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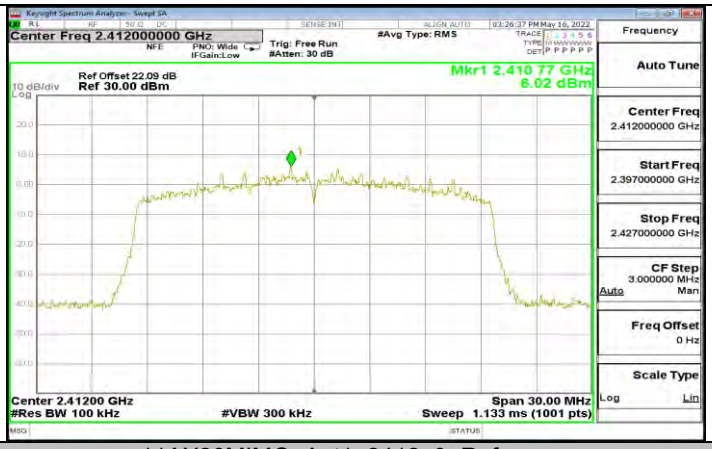

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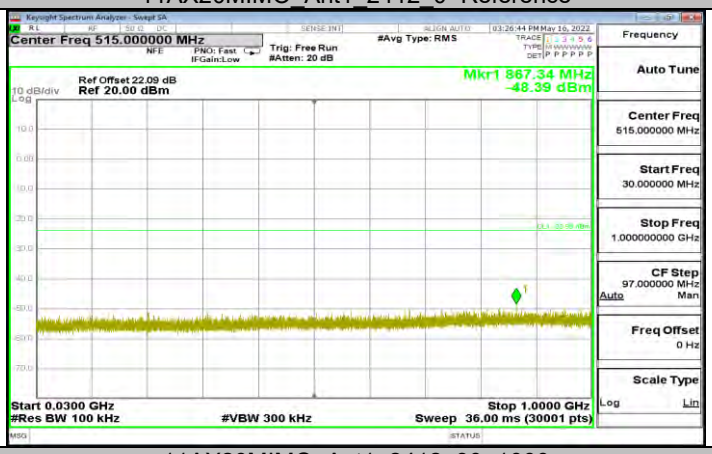

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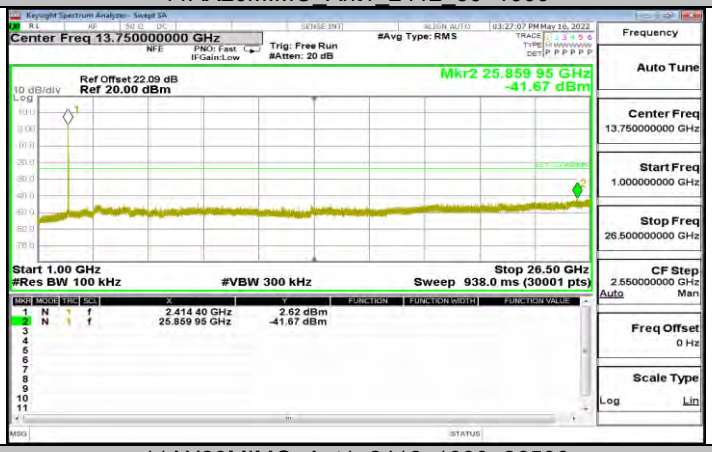

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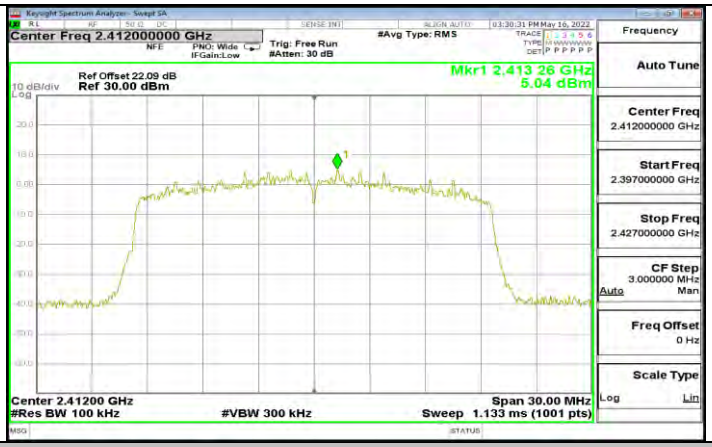

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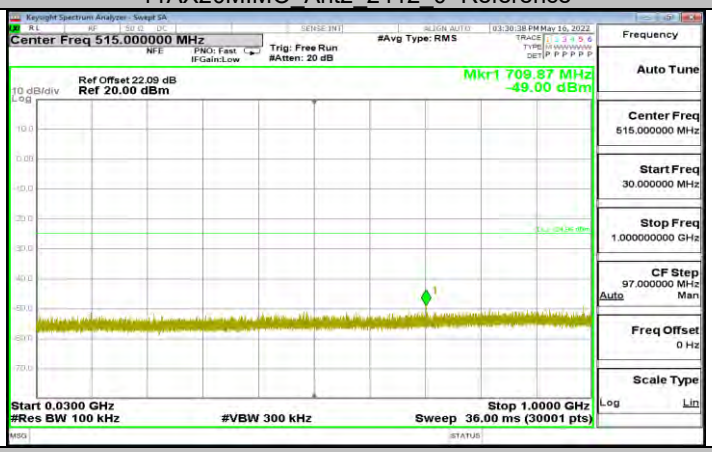
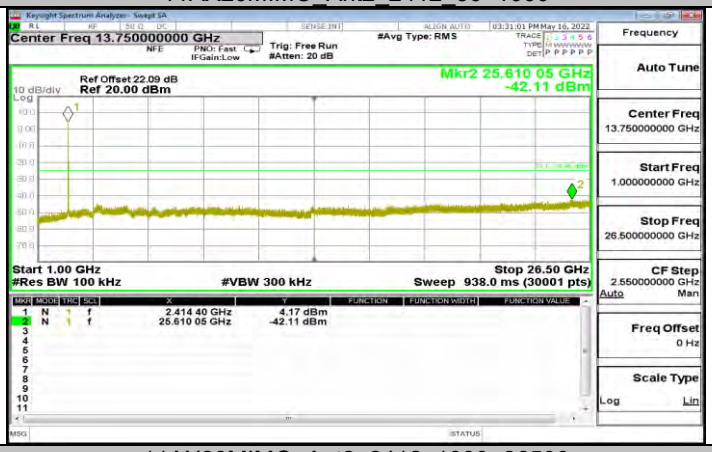


11AX20MIMO_Ant2_2412_30~1000



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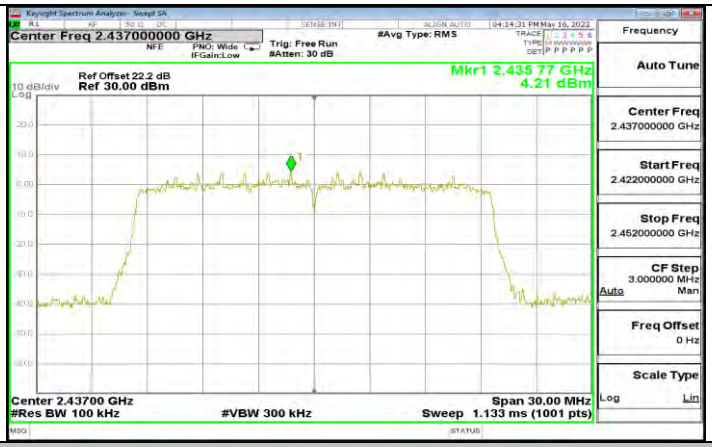

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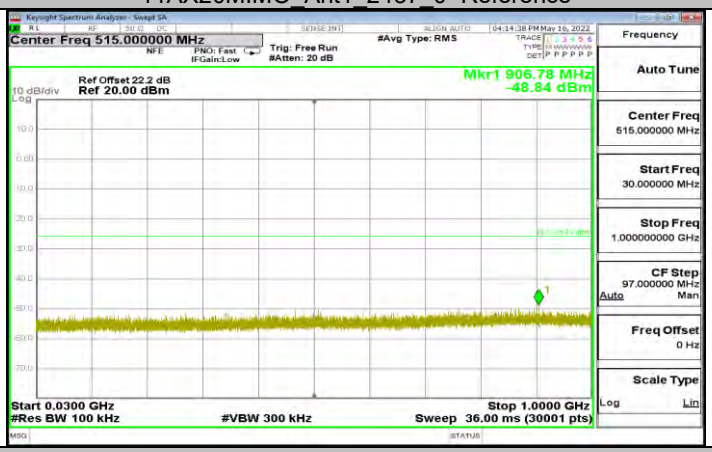

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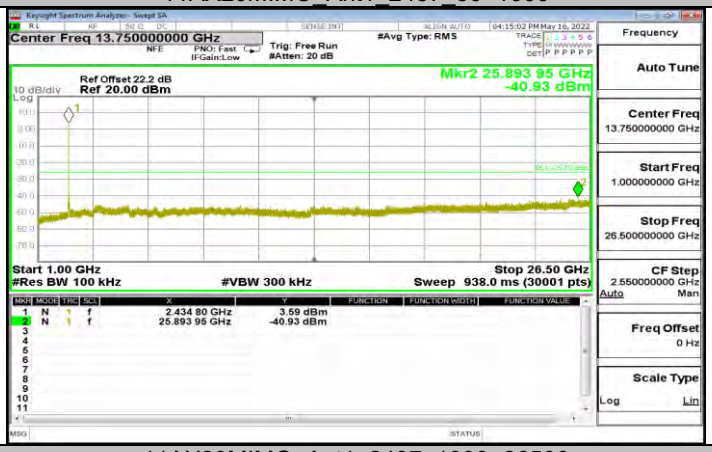

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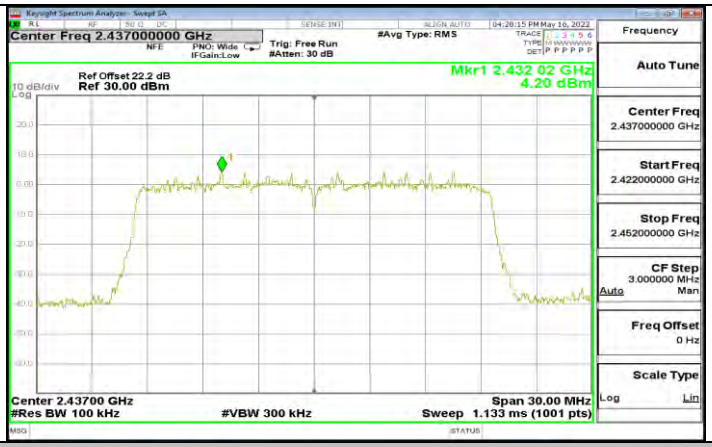

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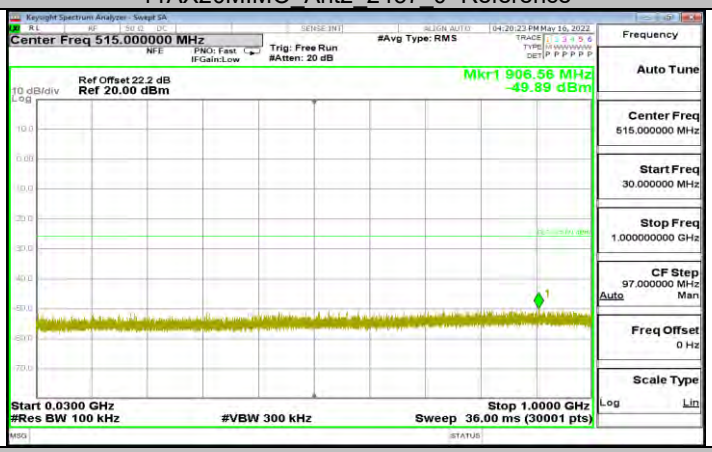

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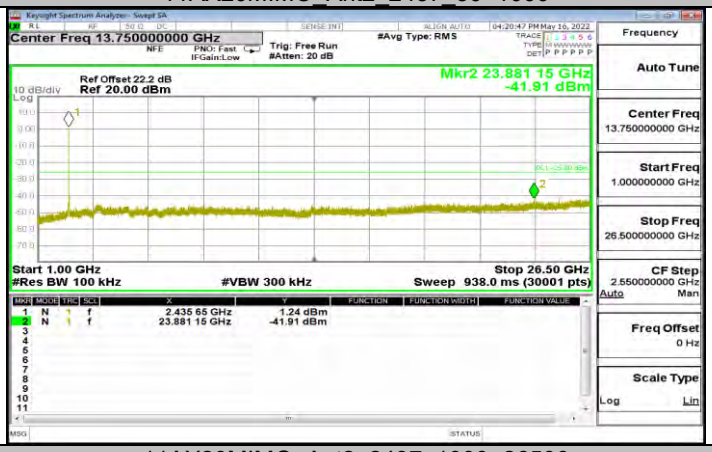
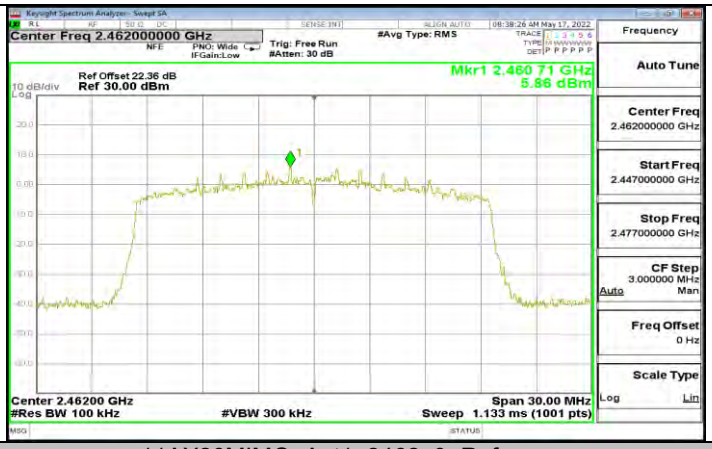


11AX20MIMO_Ant2_2437_1000~26500



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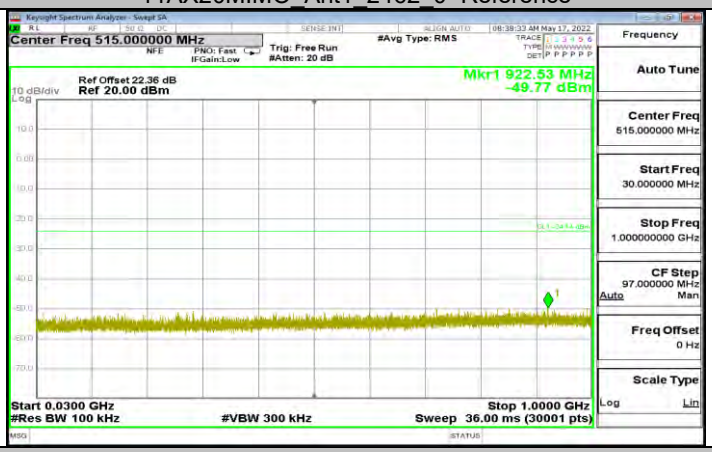
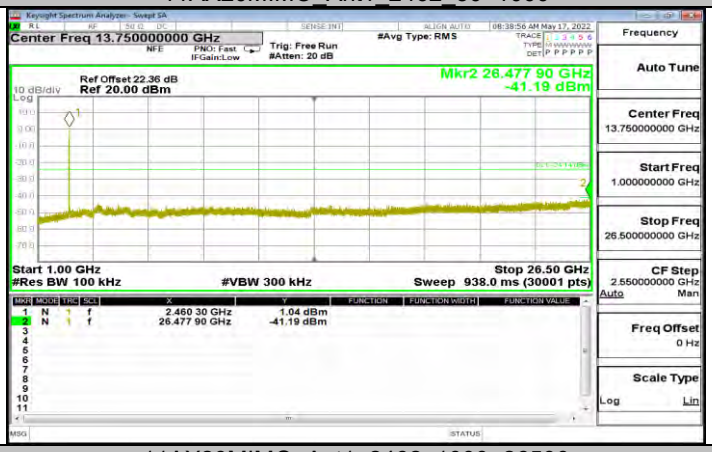


11AX20MIMO_Ant1_2462_30~1000



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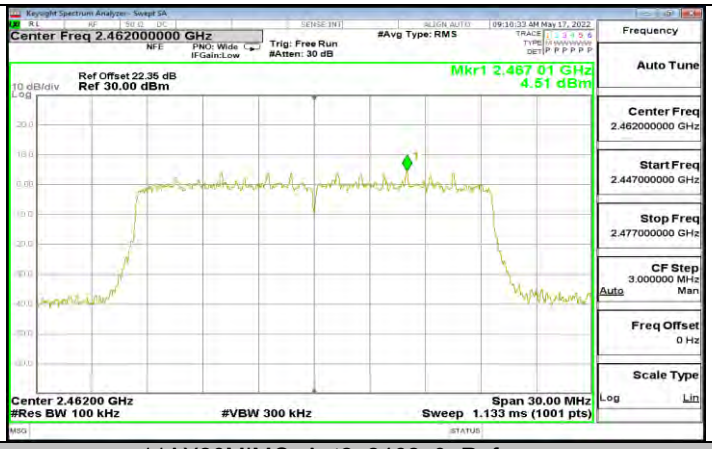

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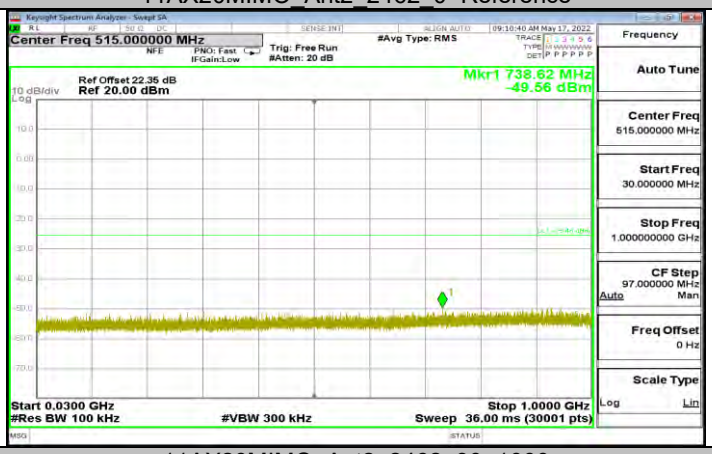
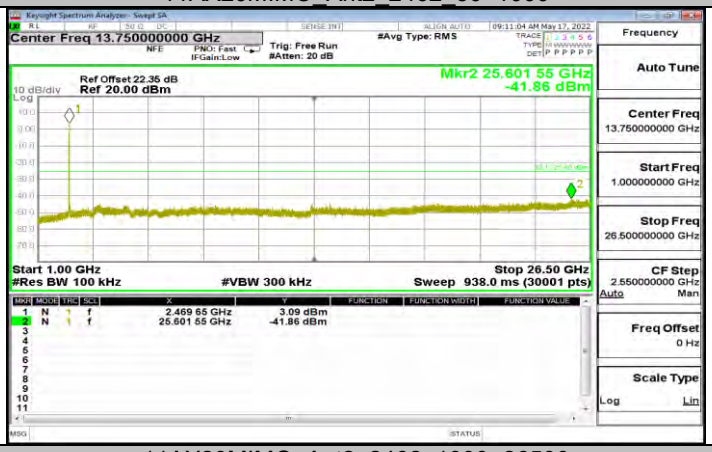


11AX20MIMO_Ant2_2462_30~1000



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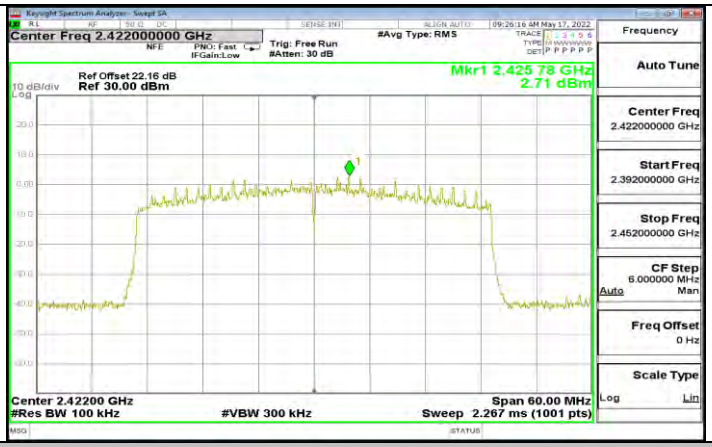

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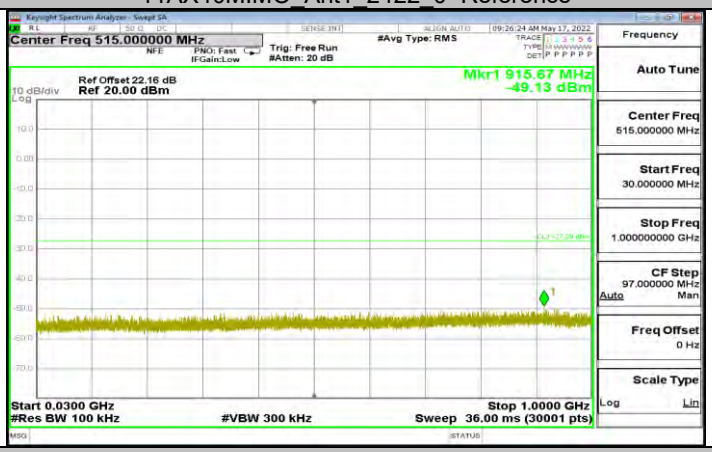

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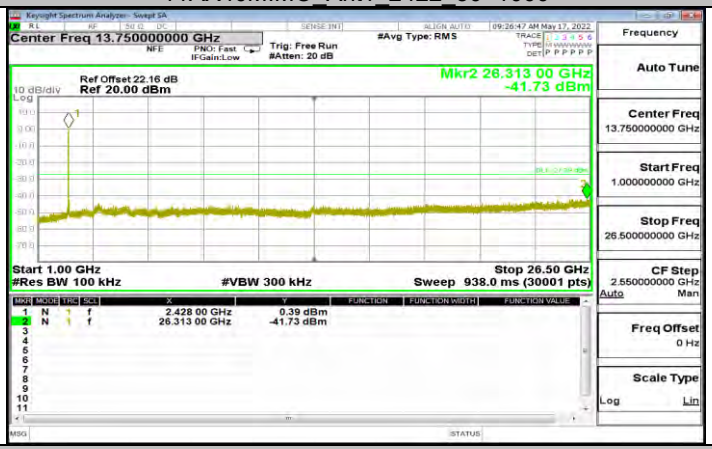

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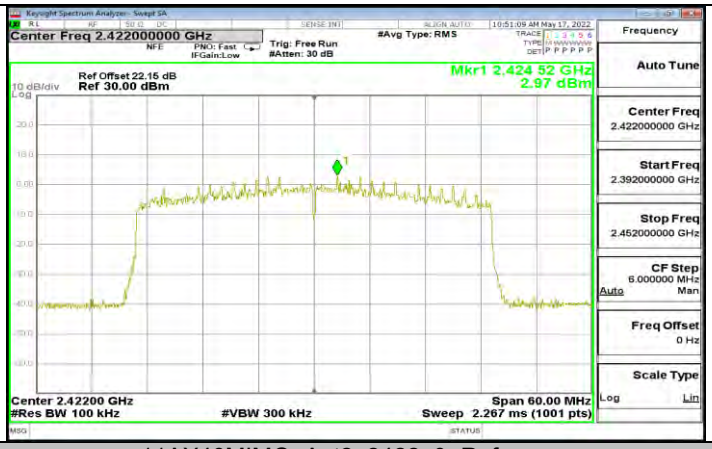

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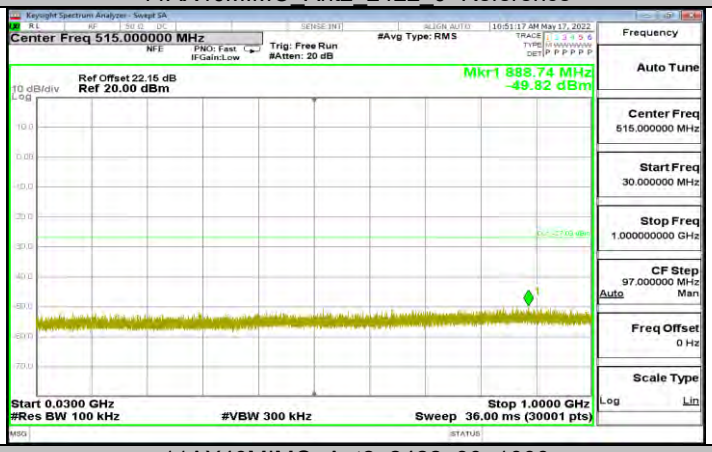

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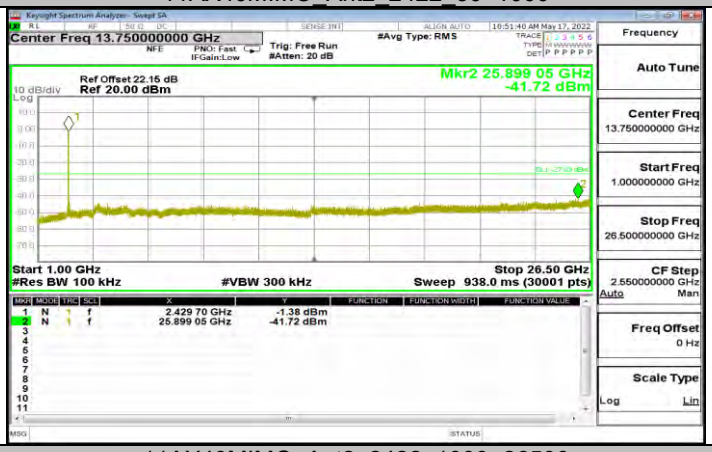

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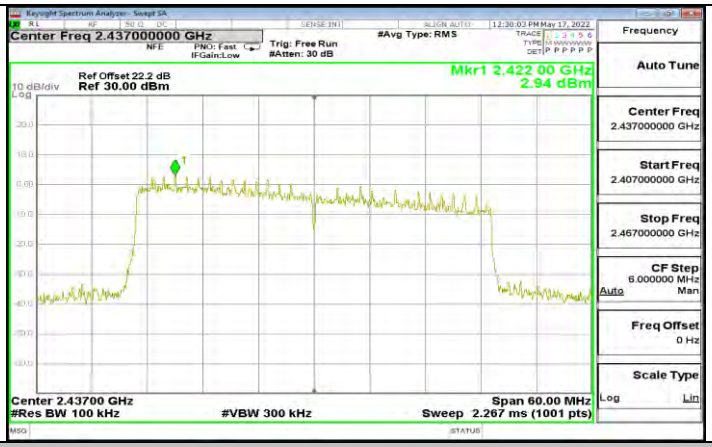

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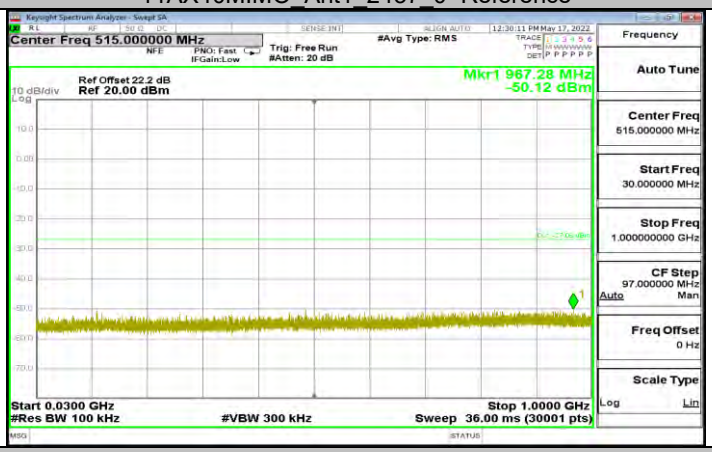
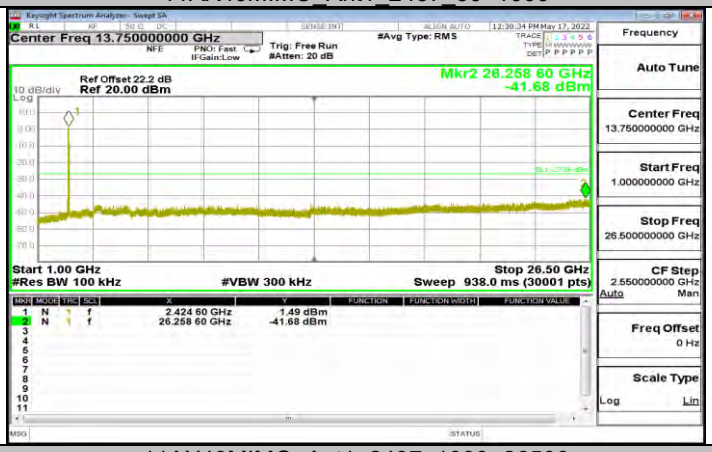
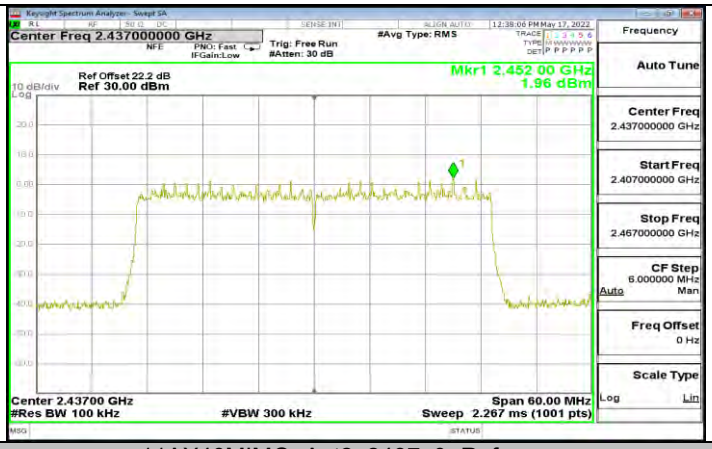


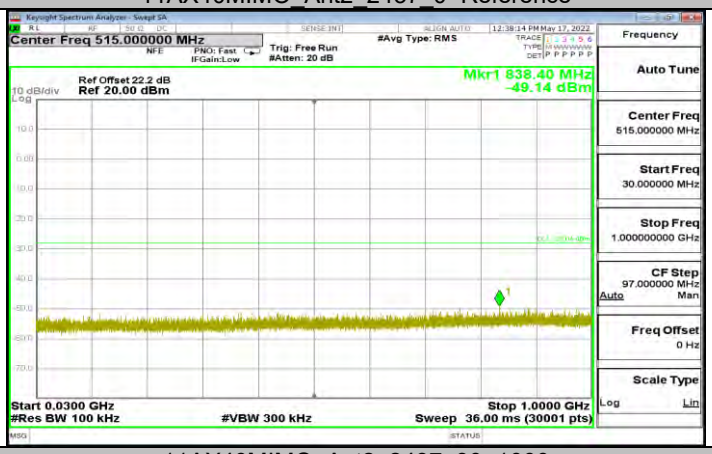
11AX40MIMO_Ant1_2437_30~1000



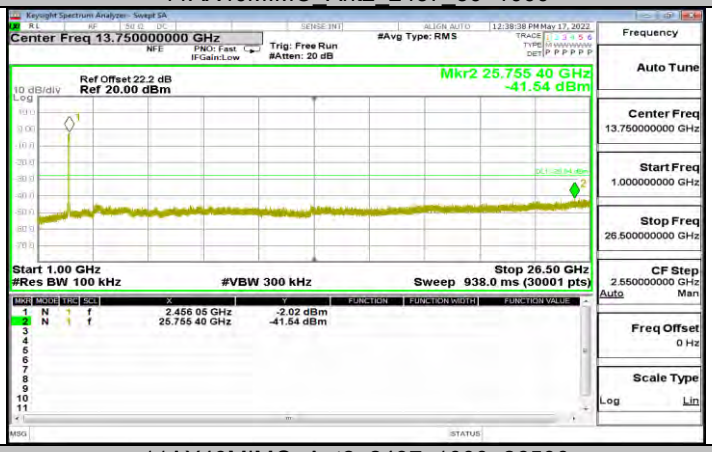
11AX40MIMO_Ant1_2437_1000~26500



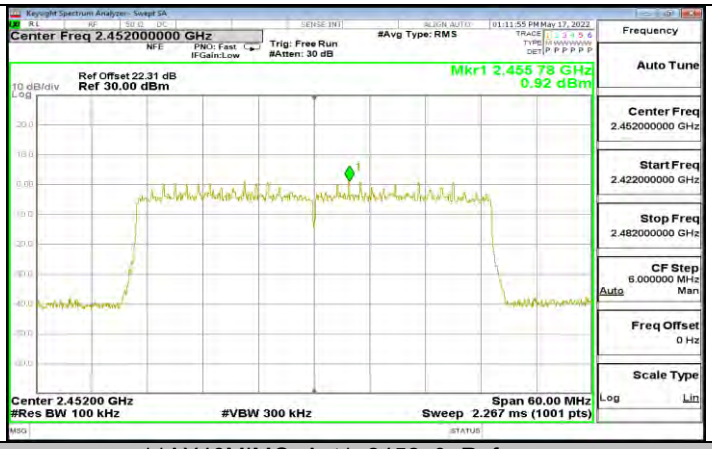
11AX40MIMO_Ant2_2437_0~Reference



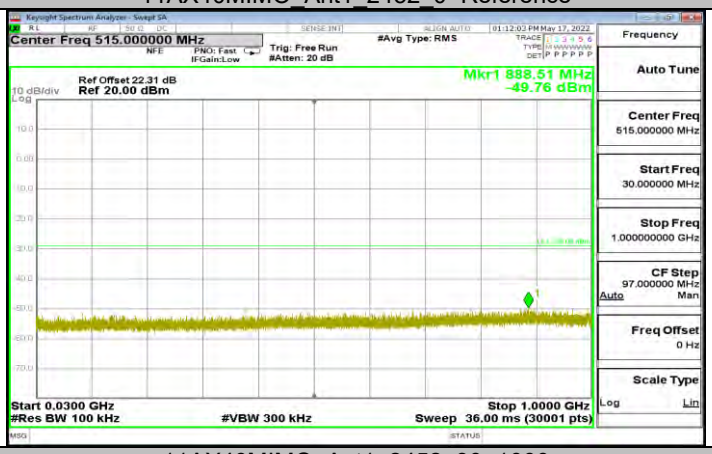
11AX40MIMO_Ant2_2437_30~1000



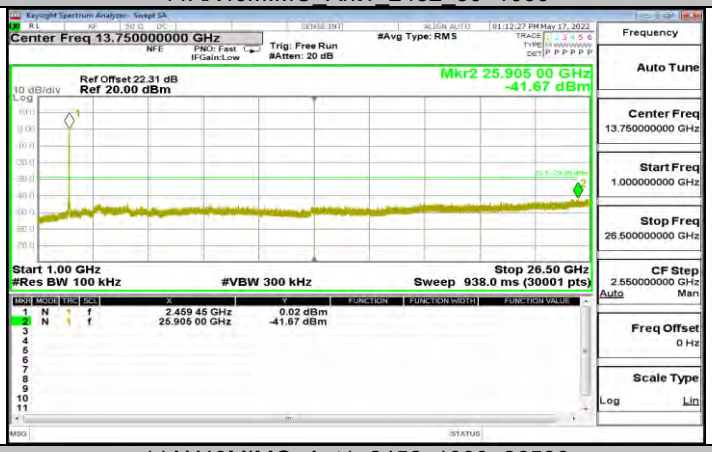
11AX40MIMO_Ant2_2437_1000~26500



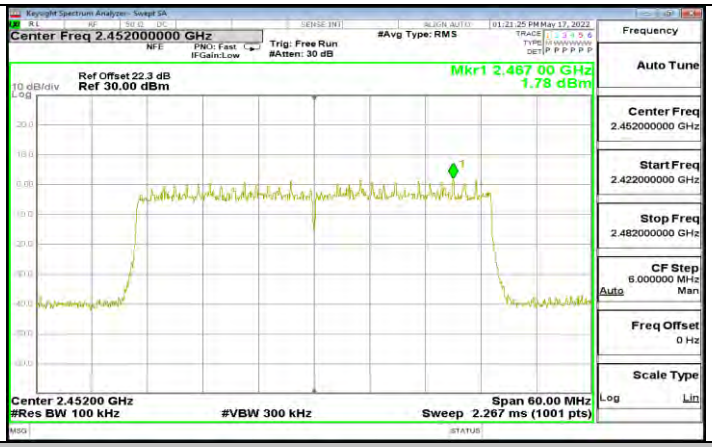
11AX40MIMO_Ant1_2452_0~Reference



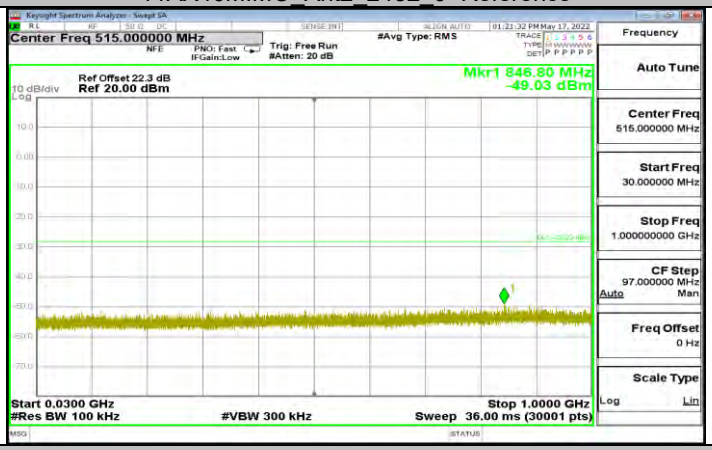
11AX40MIMO_Ant1_2452_30~1000



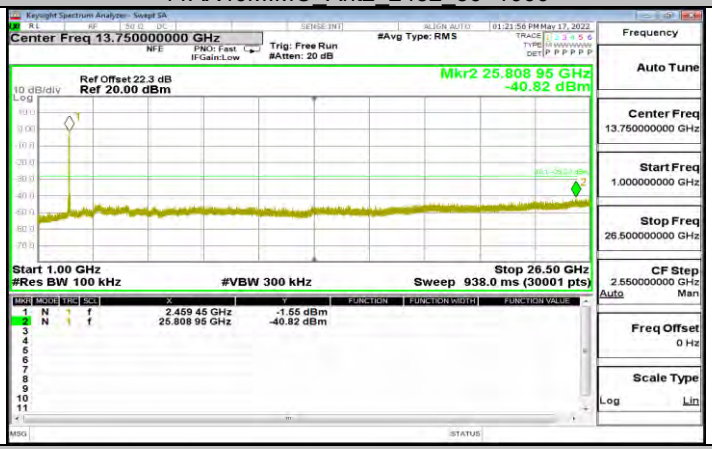
11AX40MIMO_Ant1_2452_1000~26500



11AX40MIMO_Ant2_2452_0~Reference



11AX40MIMO_Ant2_2452_30~1000



11AX40MIMO_Ant2_2452_1000~26500

11.7. APPENDIX G: DUTY CYCLE

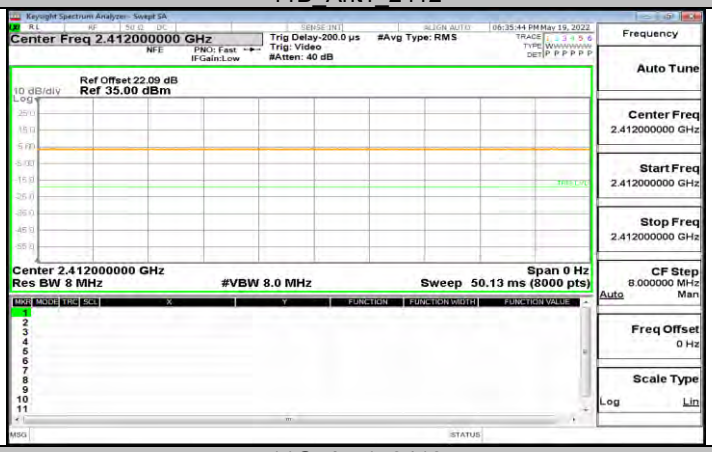
11.7.1. Test Result

Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	50	50	1.0000	100.00	0.00	NA	0.01
11G	50	50	1.0000	100.00	0.00	NA	0.01
11N20MIMO	50	50	1.0000	100.00	0.00	NA	0.01
11N40MIMO	50	50	1.0000	100.00	0.00	NA	0.01
11AX20MIMO	50	50	1.0000	100.00	0.00	NA	0.01
11AX40MIMO	50	50	1.0000	100.00	0.00	NA	0.01

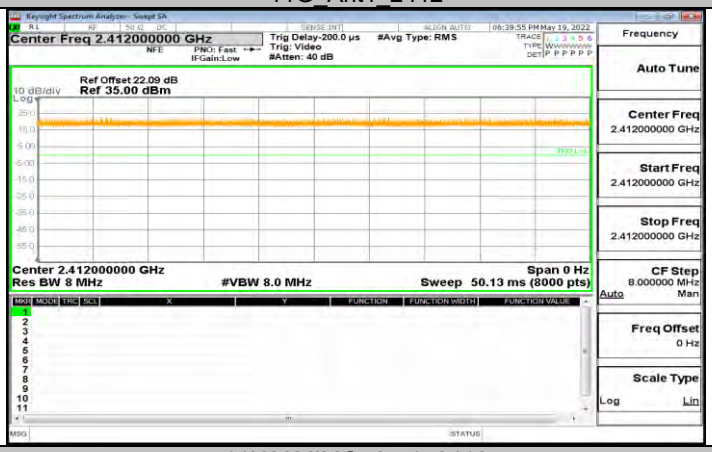
Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.
If the EUT is configured to transmit with duty cycle $\geqslant$ 98%, set VBW $\leqslant$ RBW/100 (i.e., 10 kHz) but not less than 10 Hz.

11.7.2. Test Graphs

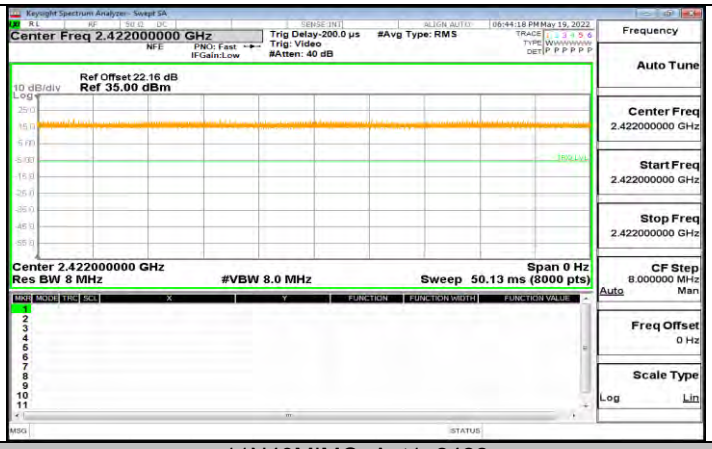
11B_Ant1_2412



11G_Ant1_2412



11N20MIMO_Ant1_2412



11N40MIMO_Ant1_2422

11AX20MIMO_Ant1_2412

11AX40MIMO_Ant1_2422

END OF REPORT