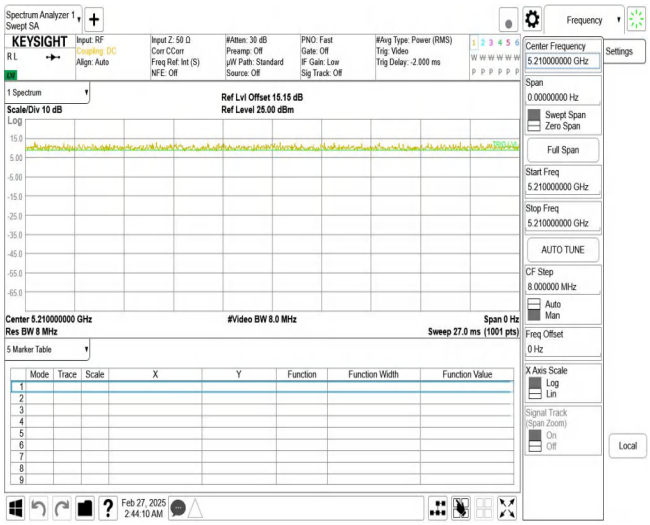
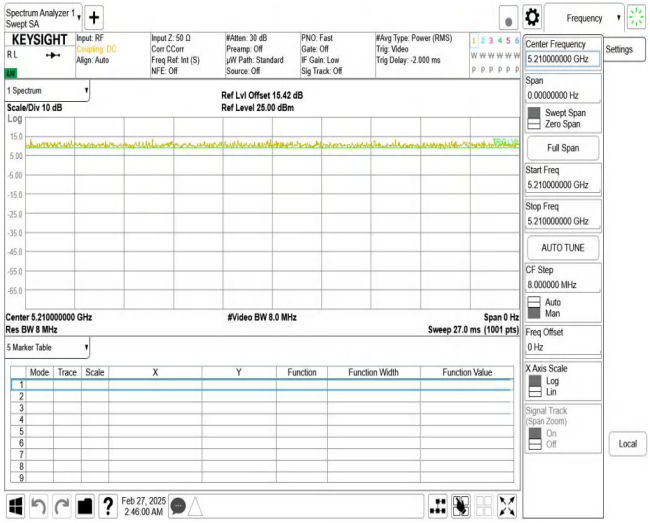
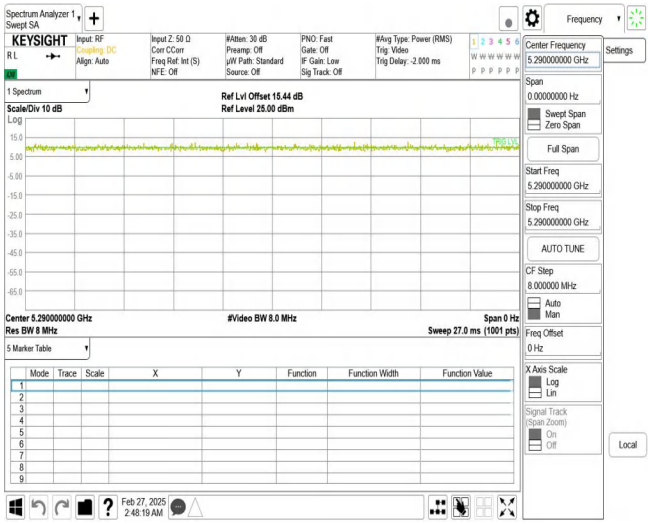


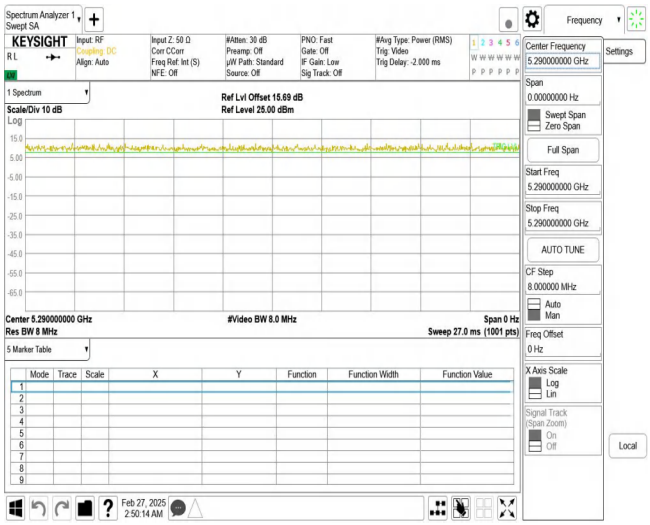
11AC80MIMO_Ant1_5210



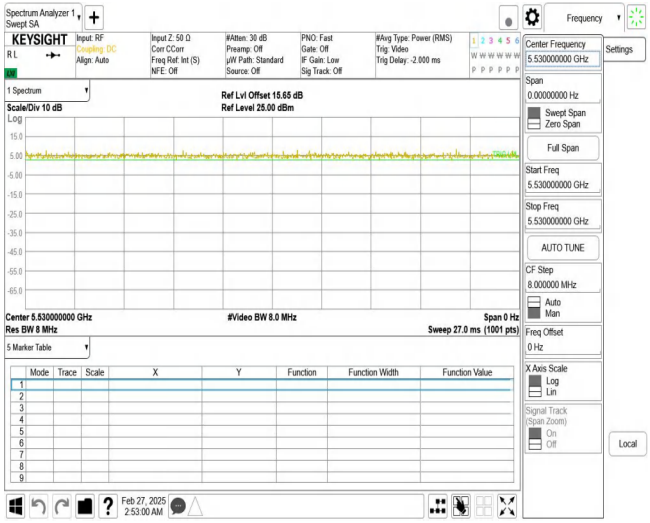
11AC80MIMO_Ant2_5210



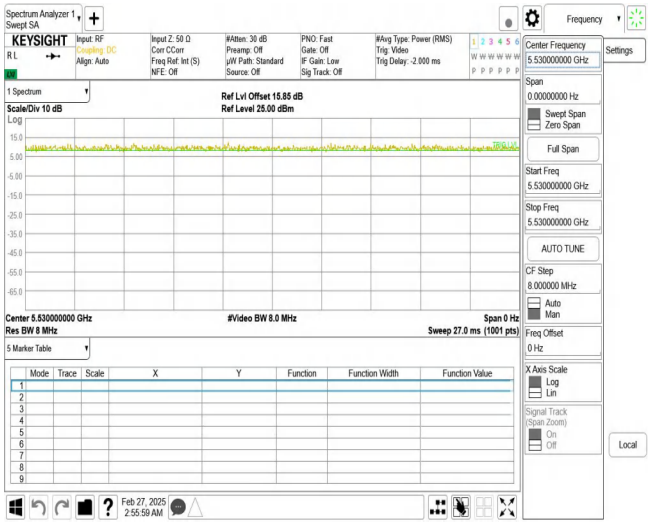
11AC80MIMO_Ant1_5290



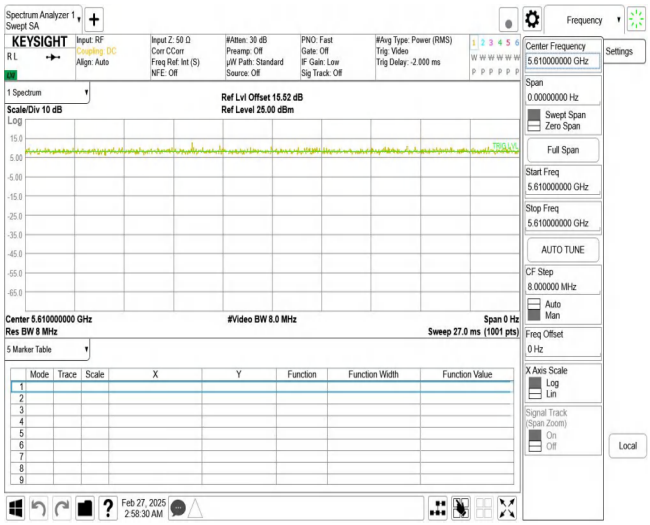
11AC80MIMO_Ant2_5290



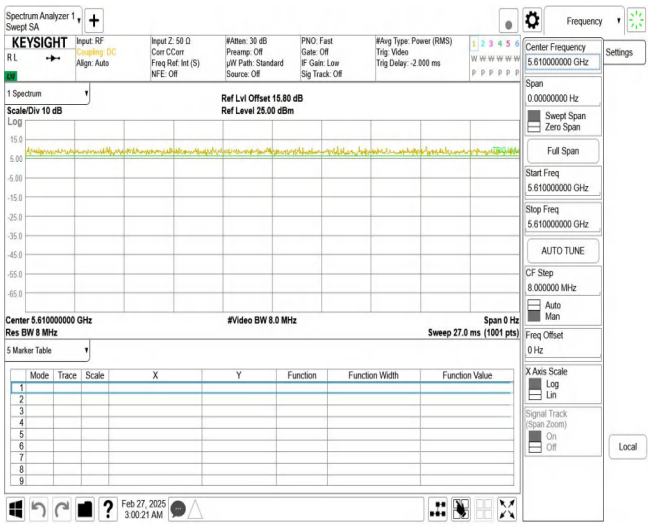
11AC80MIMO_Ant1_5530



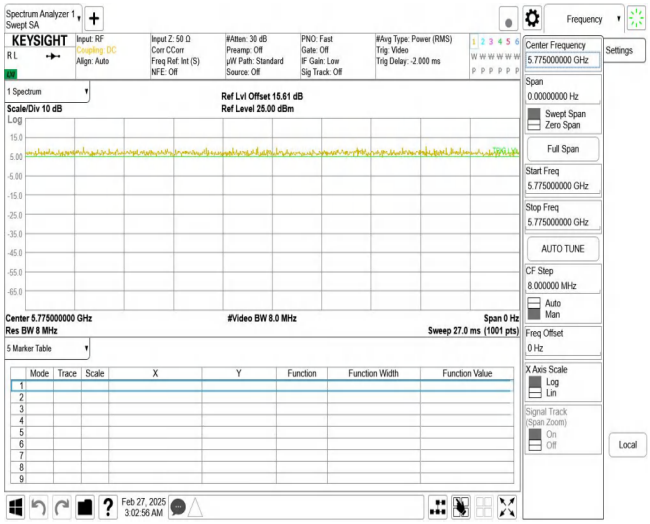
11AC80MIMO_Ant2_5530



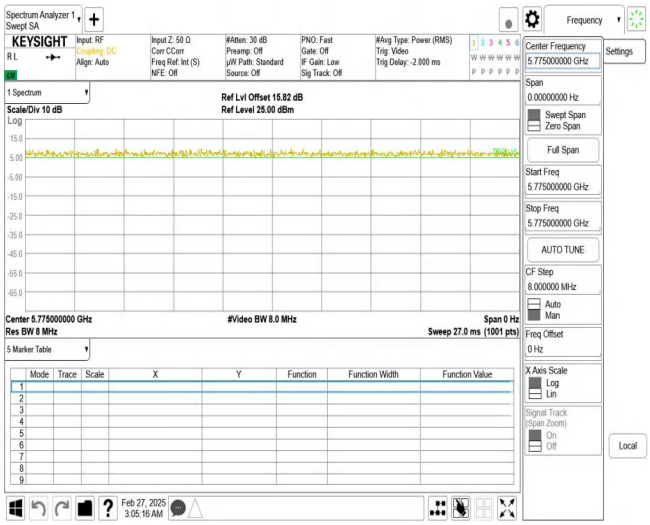
11AC80MIMO_Ant1_5610



11AC80MIMO_Ant2_5610



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	14.45	≤22.98	PASS
	Ant2	5180	12.09	≤22.98	PASS
	Ant1	5200	14.07	≤22.98	PASS
	Ant2	5200	12.35	≤22.98	PASS
	Ant1	5240	13.74	≤22.98	PASS
	Ant2	5240	11.11	≤22.98	PASS
	Ant1	5260	13.53	≤22.98	PASS
	Ant2	5260	11.27	≤22.98	PASS
	Ant1	5280	13.78	≤22.98	PASS
	Ant2	5280	11.18	≤22.98	PASS
	Ant1	5320	13.15	≤22.98	PASS
	Ant2	5320	9.83	≤22.98	PASS
	Ant1	5500	13.53	≤22.98	PASS
	Ant2	5500	13.95	≤22.95	PASS
	Ant1	5580	12.60	≤22.98	PASS
	Ant2	5580	16.01	≤22.98	PASS
	Ant1	5700	13.33	≤22.98	PASS
	Ant2	5700	13.87	≤22.98	PASS
	Ant1	5745	14.61	≤29.00	PASS
	Ant2	5745	16.82	≤29.00	PASS
	Ant1	5785	14.78	≤29.00	PASS
	Ant2	5785	16.25	≤29.00	PASS
	Ant1	5825	14.02	≤29.00	PASS
	Ant2	5825	16.25	≤29.00	PASS
11N20MIMO	Ant1	5180	12.67	≤19.97	PASS
	Ant2	5180	11.44	≤19.97	PASS
	total	5180	15.11	≤19.97	PASS
	Ant1	5200	12.41	≤19.97	PASS
	Ant2	5200	11.28	≤19.97	PASS
	total	5200	14.89	≤19.97	PASS
	Ant1	5240	12.77	≤19.97	PASS
	Ant2	5240	9.21	≤19.97	PASS
	total	5240	14.36	≤19.97	PASS
	Ant1	5260	12.66	≤19.97	PASS
	Ant2	5260	10.18	≤19.97	PASS
	total	5260	14.60	≤19.97	PASS
	Ant1	5280	12.65	≤19.97	PASS
	Ant2	5280	9.35	≤19.97	PASS
	total	5280	14.32	≤19.97	PASS

	Ant1	5320	11.93	≤19.97	PASS
	Ant2	5320	7.71	≤19.97	PASS
	total	5320	13.32	≤19.97	PASS
	Ant1	5500	11.89	≤19.97	PASS
	Ant2	5500	13.04	≤19.97	PASS
	total	5500	15.51	≤19.97	PASS
	Ant1	5580	11.31	≤19.97	PASS
	Ant2	5580	14.73	≤19.97	PASS
	total	5580	16.36	≤19.97	PASS
	Ant1	5700	12.65	≤19.97	PASS
	Ant2	5700	13.45	≤19.97	PASS
	total	5700	16.08	≤19.97	PASS
	Ant1	5745	13.99	≤25.99	PASS
	Ant2	5745	18.34	≤25.99	PASS
	total	5745	19.70	≤25.99	PASS
	Ant1	5785	14.19	≤25.99	PASS
	Ant2	5785	16.01	≤25.99	PASS
	total	5785	18.20	≤25.99	PASS
	Ant1	5825	13.28	≤25.99	PASS
	Ant2	5825	17.37	≤25.99	PASS
	total	5825	18.80	≤25.99	PASS
11N40MIMO	Ant1	5190	13.83	≤19.97	PASS
	Ant2	5190	11.79	≤19.97	PASS
	total	5190	15.94	≤19.97	PASS
	Ant1	5230	13.01	≤19.97	PASS
	Ant2	5230	9.38	≤19.97	PASS
	total	5230	14.57	≤19.97	PASS
	Ant1	5270	12.57	≤19.97	PASS
	Ant2	5270	9.49	≤19.97	PASS
	total	5270	14.31	≤19.97	PASS
	Ant1	5310	12.19	≤19.97	PASS
	Ant2	5310	7.81	≤19.97	PASS
	total	5310	13.54	≤19.97	PASS
	Ant1	5510	11.49	≤19.97	PASS
	Ant2	5510	13.22	≤19.97	PASS
	total	5510	15.45	≤19.97	PASS
	Ant1	5550	11.84	≤19.97	PASS
	Ant2	5550	14.46	≤19.97	PASS
	total	5550	16.35	≤19.97	PASS
	Ant1	5670	12.52	≤19.97	PASS
	Ant2	5670	16.77	≤19.97	PASS
	total	5670	18.16	≤19.97	PASS
	Ant1	5755	13.87	≤25.99	PASS
	Ant2	5755	18.80	≤25.99	PASS
	total	5755	20.01	≤25.99	PASS

	Ant1	5795	14.36	≤25.99	PASS
	Ant2	5795	16.30	≤25.99	PASS
	total	5795	18.45	≤25.99	PASS
11AC20MIMO	Ant1	5180	12.82	≤19.97	PASS
	Ant2	5180	11.30	≤19.97	PASS
	total	5180	15.14	≤19.97	PASS
	Ant1	5200	12.49	≤19.97	PASS
	Ant2	5200	10.98	≤19.97	PASS
	total	5200	14.81	≤19.97	PASS
	Ant1	5240	12.82	≤19.97	PASS
	Ant2	5240	8.80	≤19.97	PASS
	total	5240	14.27	≤19.97	PASS
	Ant1	5260	12.64	≤19.97	PASS
	Ant2	5260	9.78	≤19.97	PASS
	total	5260	14.45	≤19.97	PASS
	Ant1	5280	12.54	≤19.97	PASS
	Ant2	5280	9.04	≤19.97	PASS
	total	5280	14.14	≤19.97	PASS
	Ant1	5320	12.20	≤19.97	PASS
	Ant2	5320	8.02	≤19.97	PASS
	total	5320	13.60	≤19.97	PASS
	Ant1	5500	11.88	≤19.97	PASS
	Ant2	5500	13.04	≤19.97	PASS
	total	5500	15.51	≤19.97	PASS
	Ant1	5580	11.41	≤19.97	PASS
	Ant2	5580	14.85	≤19.97	PASS
	total	5580	16.47	≤19.97	PASS
	Ant1	5700	12.52	≤19.97	PASS
	Ant2	5700	13.59	≤19.97	PASS
	total	5700	16.10	≤19.97	PASS
	Ant1	5745	13.89	≤25.99	PASS
	Ant2	5745	18.36	≤25.99	PASS
	total	5745	19.69	≤25.99	PASS
	Ant1	5785	16.36	≤25.99	PASS
	Ant2	5785	16.20	≤25.99	PASS
	total	5785	19.29	≤25.99	PASS
	Ant1	5825	15.82	≤25.99	PASS
	Ant2	5825	17.90	≤25.99	PASS
	total	5825	19.99	≤25.99	PASS
11AC40MIMO	Ant1	5190	10.25	≤19.97	PASS
	Ant2	5190	10.19	≤19.97	PASS
	total	5190	13.23	≤19.97	PASS
	Ant1	5230	10.50	≤19.97	PASS
	Ant2	5230	10.75	≤19.97	PASS
	total	5230	13.64	≤19.97	PASS

	Ant1	5270	10.41	≤19.97	PASS
	Ant2	5270	10.56	≤19.97	PASS
	total	5270	13.50	≤19.97	PASS
	Ant1	5310	9.80	≤19.97	PASS
	Ant2	5310	10.09	≤19.97	PASS
	total	5310	12.96	≤19.97	PASS
	Ant1	5510	10.05	≤19.97	PASS
	Ant2	5510	10.23	≤19.97	PASS
	total	5510	13.15	≤19.97	PASS
	Ant1	5550	10.30	≤19.97	PASS
	Ant2	5550	10.46	≤19.97	PASS
	total	5550	13.39	≤19.97	PASS
	Ant1	5670	8.21	≤19.97	PASS
	Ant2	5670	8.36	≤19.97	PASS
	total	5670	11.30	≤19.97	PASS
	Ant1	5755	8.35	≤25.99	PASS
	Ant2	5755	8.58	≤25.99	PASS
	total	5755	11.48	≤25.99	PASS
	Ant1	5795	8.53	≤25.99	PASS
	Ant2	5795	8.70	≤25.99	PASS
	total	5795	11.63	≤25.99	PASS
11AC80MIMO	Ant1	5210	10.88	≤19.97	PASS
	Ant2	5210	11.19	≤19.97	PASS
	total	5210	14.05	≤19.97	PASS
	Ant1	5290	10.12	≤19.97	PASS
	Ant2	5290	10.41	≤19.97	PASS
	total	5290	13.28	≤19.97	PASS
	Ant1	5530	6.00	≤19.97	PASS
	Ant2	5530	10.42	≤19.97	PASS
	total	5530	11.76	≤19.97	PASS
	Ant1	5610	9.10	≤19.97	PASS
	Ant2	5610	9.39	≤19.97	PASS
	total	5610	12.26	≤19.97	PASS
	Ant1	5775	8.12	≤25.99	PASS
	Ant2	5775	8.27	≤25.99	PASS
	total	5775	11.21	≤25.99	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz] [dBm/500kHz for W58 Band]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.41	≤10.00	PASS
	Ant2	5180	2.13	≤10.00	PASS
	Ant1	5200	3.95	≤10.00	PASS
	Ant2	5200	2.57	≤10.00	PASS
	Ant1	5240	3.65	≤10.00	PASS
	Ant2	5240	0.96	≤10.00	PASS
	Ant1	5260	3.58	≤10.00	PASS
	Ant2	5260	1.26	≤10.00	PASS
	Ant1	5280	3.82	≤10.00	PASS
	Ant2	5280	1.18	≤10.00	PASS
	Ant1	5320	3.08	≤10.00	PASS
	Ant2	5320	-0.17	≤10.00	PASS
	Ant1	5500	3.46	≤10.00	PASS
	Ant2	5500	3.67	≤10.00	PASS
	Ant1	5580	2.77	≤10.00	PASS
	Ant2	5580	5.88	≤10.00	PASS
	Ant1	5700	3.30	≤10.00	PASS
	Ant2	5700	3.26	≤10.00	PASS
	Ant1	5745	1.76	≤29.00	PASS
	Ant2	5745	4.06	≤29.00	PASS
	Ant1	5785	1.93	≤29.00	PASS
	Ant2	5785	3.13	≤29.00	PASS
	Ant1	5825	1.16	≤29.00	PASS
	Ant2	5825	3.37	≤29.00	PASS
11N20MIMO	Ant1	5180	3.46	≤6.99	PASS
	Ant2	5180	1.16	≤6.99	PASS
	total	5180	5.47	≤6.99	PASS
	Ant1	5200	3.18	≤6.99	PASS
	Ant2	5200	1.18	≤6.99	PASS
	total	5200	5.30	≤6.99	PASS
	Ant1	5240	2.46	≤6.99	PASS
	Ant2	5240	-1.01	≤6.99	PASS
	total	5240	4.07	≤6.99	PASS
	Ant1	5260	2.61	≤6.99	PASS
	Ant2	5260	0.01	≤6.99	PASS
	total	5260	4.51	≤6.99	PASS
	Ant1	5280	2.42	≤6.99	PASS
	Ant2	5280	-0.89	≤6.99	PASS
	total	5280	4.08	≤6.99	PASS

	Ant1	5320	1.52	≤6.99	PASS
	Ant2	5320	-2.60	≤6.99	PASS
	total	5320	2.94	≤6.99	PASS
	Ant1	5500	1.57	≤6.99	PASS
	Ant2	5500	2.84	≤6.99	PASS
	total	5500	5.26	≤6.99	PASS
	Ant1	5580	1.03	≤6.99	PASS
	Ant2	5580	4.51	≤6.99	PASS
	total	5580	6.12	≤6.99	PASS
	Ant1	5700	2.36	≤6.99	PASS
	Ant2	5700	2.70	≤6.99	PASS
	total	5700	5.54	≤6.99	PASS
	Ant1	5745	0.84	≤25.99	PASS
	Ant2	5745	5.47	≤25.99	PASS
	total	5745	6.76	≤25.99	PASS
	Ant1	5785	0.87	≤25.99	PASS
	Ant2	5785	2.54	≤25.99	PASS
	total	5785	4.80	≤25.99	PASS
	Ant1	5825	0.22	≤25.99	PASS
	Ant2	5825	4.18	≤25.99	PASS
	total	5825	5.65	≤25.99	PASS
11N40MIMO	Ant1	5190	0.73	≤6.99	PASS
	Ant2	5190	-1.36	≤6.99	PASS
	total	5190	2.82	≤6.99	PASS
	Ant1	5230	-0.19	≤6.99	PASS
	Ant2	5230	-3.88	≤6.99	PASS
	total	5230	1.36	≤6.99	PASS
	Ant1	5270	-0.54	≤6.99	PASS
	Ant2	5270	-3.38	≤6.99	PASS
	total	5270	1.28	≤6.99	PASS
	Ant1	5310	-1.18	≤6.99	PASS
	Ant2	5310	-5.40	≤6.99	PASS
	total	5310	0.21	≤6.99	PASS
	Ant1	5510	-1.90	≤6.99	PASS
	Ant2	5510	0.63	≤6.99	PASS
	total	5510	2.56	≤6.99	PASS
	Ant1	5550	-1.29	≤6.99	PASS
	Ant2	5550	1.37	≤6.99	PASS
	total	5550	3.25	≤6.99	PASS
	Ant1	5670	-0.36	≤6.99	PASS
	Ant2	5670	3.82	≤6.99	PASS
	total	5670	5.22	≤6.99	PASS
	Ant1	5755	-2.13	≤25.99	PASS
	Ant2	5755	2.75	≤25.99	PASS
	total	5755	3.97	≤25.99	PASS

	Ant1	5795	-1.33	≤25.99	PASS
	Ant2	5795	-0.31	≤25.99	PASS
	total	5795	2.22	≤25.99	PASS
11AC20MIMO	Ant1	5180	3.72	≤6.99	PASS
	Ant2	5180	1.20	≤6.99	PASS
	total	5180	5.65	≤6.99	PASS
	Ant1	5200	3.53	≤6.99	PASS
	Ant2	5200	0.78	≤6.99	PASS
	total	5200	5.38	≤6.99	PASS
	Ant1	5240	2.64	≤6.99	PASS
	Ant2	5240	-1.22	≤6.99	PASS
	total	5240	4.14	≤6.99	PASS
	Ant1	5260	2.36	≤6.99	PASS
	Ant2	5260	-0.35	≤6.99	PASS
	total	5260	4.22	≤6.99	PASS
	Ant1	5280	2.36	≤6.99	PASS
	Ant2	5280	-1.17	≤6.99	PASS
	total	5280	3.95	≤6.99	PASS
	Ant1	5320	1.82	≤6.99	PASS
	Ant2	5320	-2.31	≤6.99	PASS
	total	5320	3.24	≤6.99	PASS
	Ant1	5500	1.48	≤6.99	PASS
	Ant2	5500	2.75	≤6.99	PASS
	total	5500	5.17	≤6.99	PASS
	Ant1	5580	1.19	≤6.99	PASS
	Ant2	5580	4.73	≤6.99	PASS
	total	5580	6.32	≤6.99	PASS
	Ant1	5700	2.37	≤6.99	PASS
	Ant2	5700	3.19	≤6.99	PASS
	total	5700	5.81	≤6.99	PASS
	Ant1	5745	0.64	≤25.99	PASS
	Ant2	5745	5.21	≤25.99	PASS
	total	5745	6.51	≤25.99	PASS
	Ant1	5785	3.06	≤25.99	PASS
	Ant2	5785	2.75	≤25.99	PASS
	total	5785	5.92	≤25.99	PASS
	Ant1	5825	2.67	≤25.99	PASS
	Ant2	5825	4.81	≤25.99	PASS
	total	5825	6.88	≤25.99	PASS
11AC40MIMO	Ant1	5190	-2.84	≤6.99	PASS
	Ant2	5190	-2.95	≤6.99	PASS
	total	5190	0.12	≤6.99	PASS
	Ant1	5230	-2.48	≤6.99	PASS
	Ant2	5230	-2.42	≤6.99	PASS
	total	5230	0.56	≤6.99	PASS

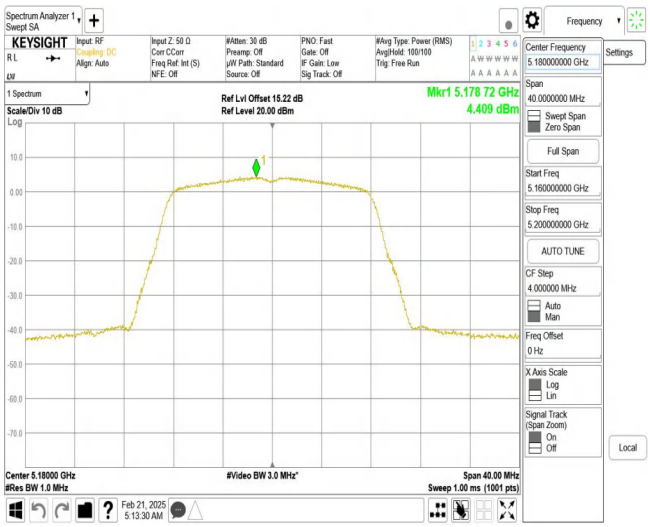
	Ant1	5270	-2.92	≤6.99	PASS
	Ant2	5270	-2.61	≤6.99	PASS
	total	5270	0.25	≤6.99	PASS
	Ant1	5310	-3.34	≤6.99	PASS
	Ant2	5310	-2.97	≤6.99	PASS
	total	5310	-0.14	≤6.99	PASS
	Ant1	5510	-3.15	≤6.99	PASS
	Ant2	5510	-2.78	≤6.99	PASS
	total	5510	0.05	≤6.99	PASS
	Ant1	5550	-2.88	≤6.99	PASS
	Ant2	5550	-2.62	≤6.99	PASS
	total	5550	0.26	≤6.99	PASS
	Ant1	5670	-4.76	≤6.99	PASS
	Ant2	5670	-4.93	≤6.99	PASS
	total	5670	-1.83	≤6.99	PASS
	Ant1	5755	-7.81	≤25.99	PASS
	Ant2	5755	-7.33	≤25.99	PASS
	total	5755	-4.55	≤25.99	PASS
	Ant1	5795	-7.52	≤25.99	PASS
	Ant2	5795	-7.33	≤25.99	PASS
	total	5795	-4.41	≤25.99	PASS
11AC80MIMO	Ant1	5210	-5.17	≤6.99	PASS
	Ant2	5210	-4.97	≤6.99	PASS
	total	5210	-2.06	≤6.99	PASS
	Ant1	5290	-5.94	≤6.99	PASS
	Ant2	5290	-5.66	≤6.99	PASS
	total	5290	-2.79	≤6.99	PASS
	Ant1	5530	-10.59	≤6.99	PASS
	Ant2	5530	-6.05	≤6.99	PASS
	total	5530	-4.74	≤6.99	PASS
	Ant1	5610	-6.95	≤6.99	PASS
	Ant2	5610	-6.84	≤6.99	PASS
	total	5610	-3.88	≤6.99	PASS
	Ant1	5775	-11.34	≤25.99	PASS
	Ant2	5775	-10.93	≤25.99	PASS
	total	5775	-8.12	≤25.99	PASS

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

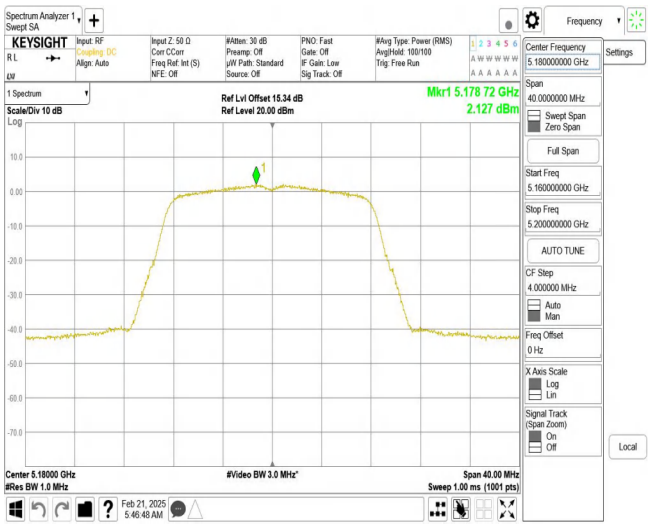
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.

3. The duty cycle is 100%.

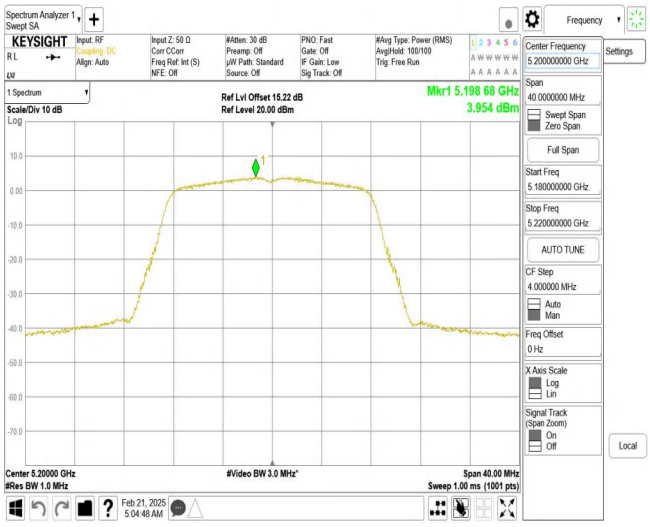
Test Graphs



11A_Ant1_5180



11A_Ant2_5180



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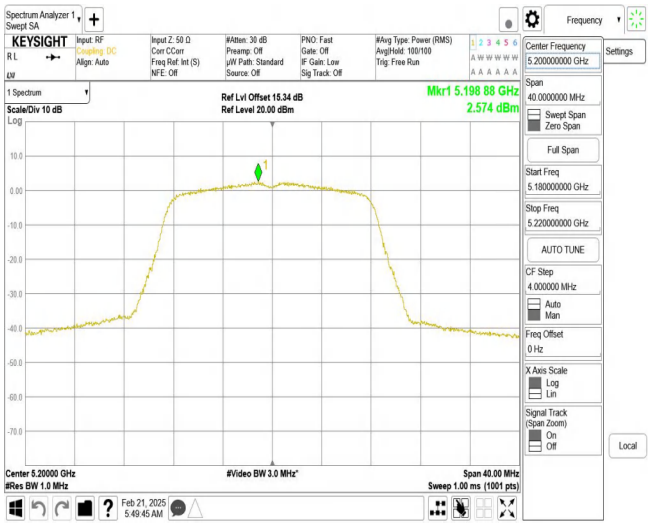

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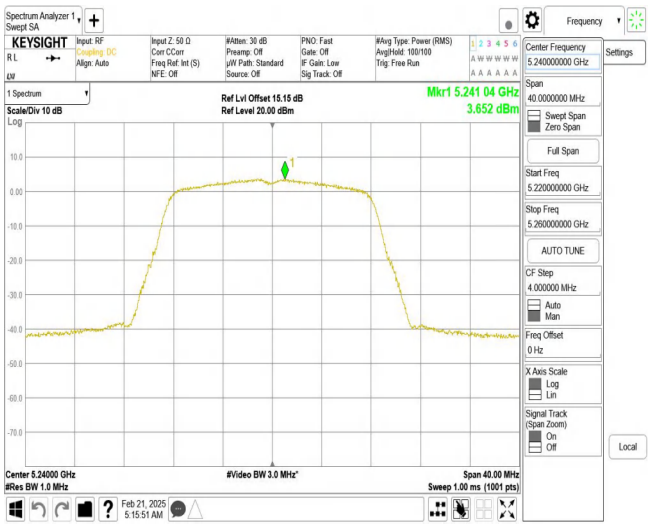
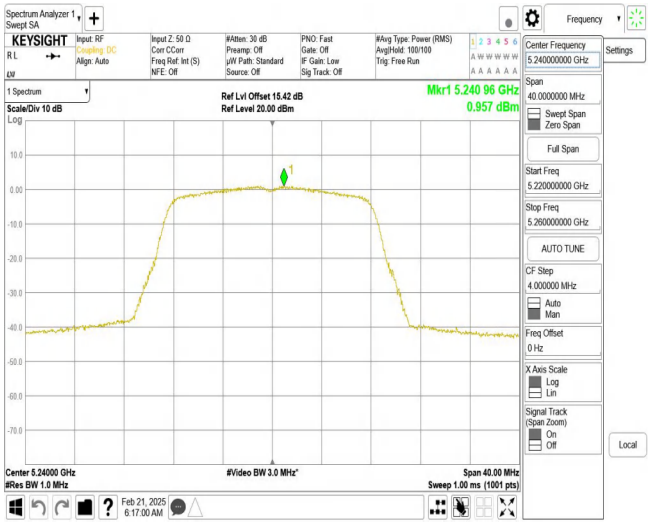


11A_Ant1_5240



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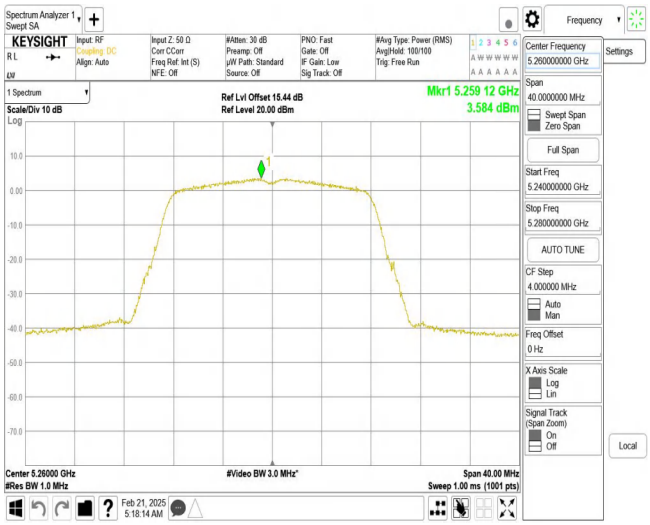

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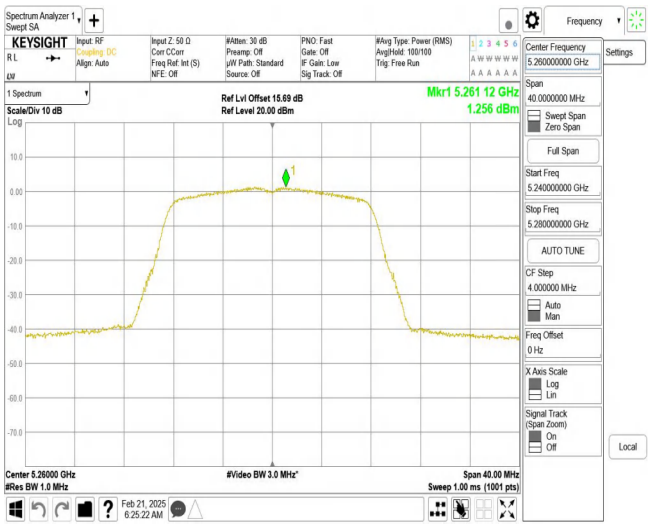

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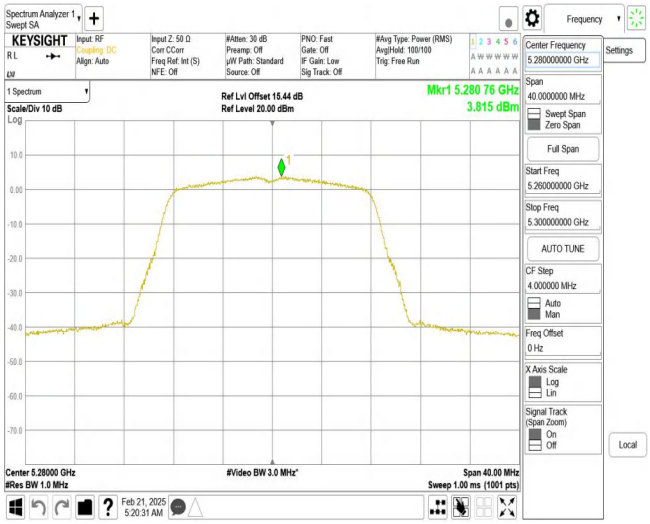

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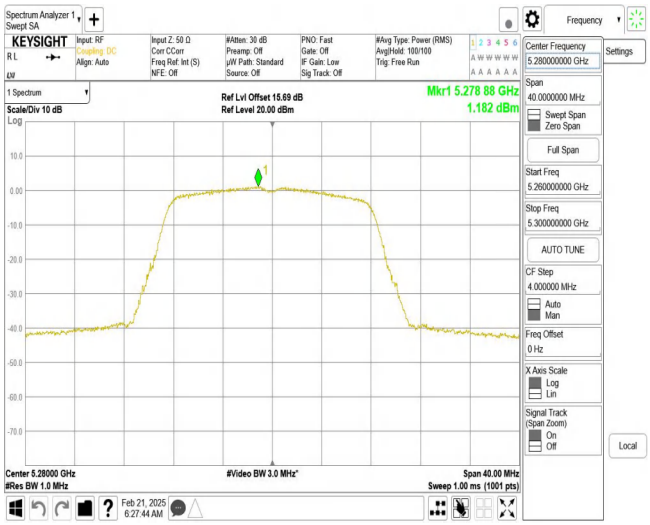

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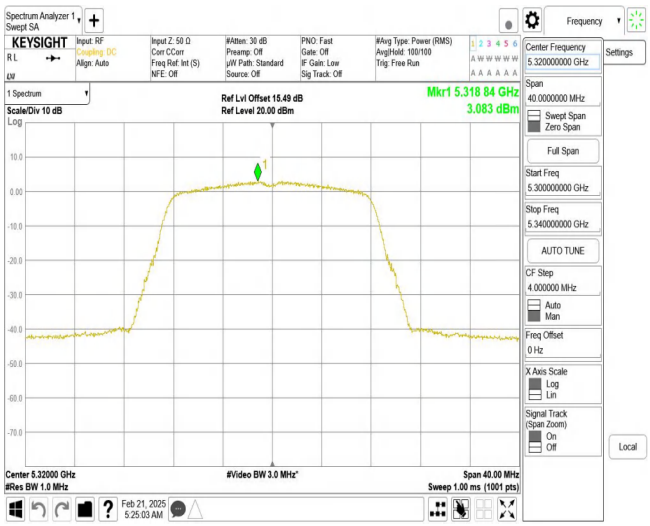
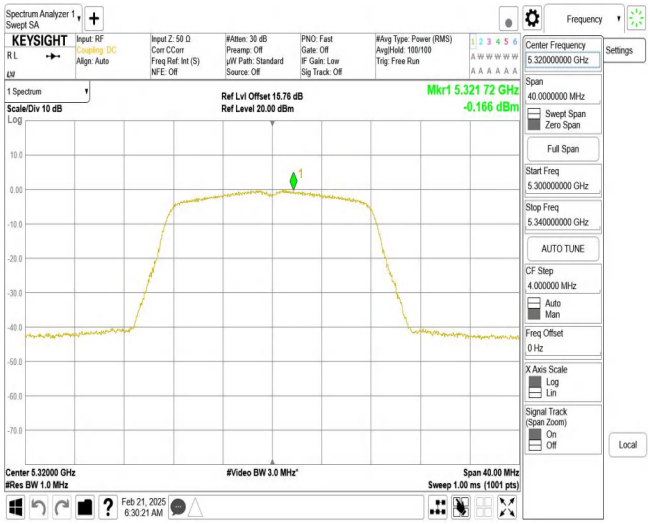


11A_Ant1_5320



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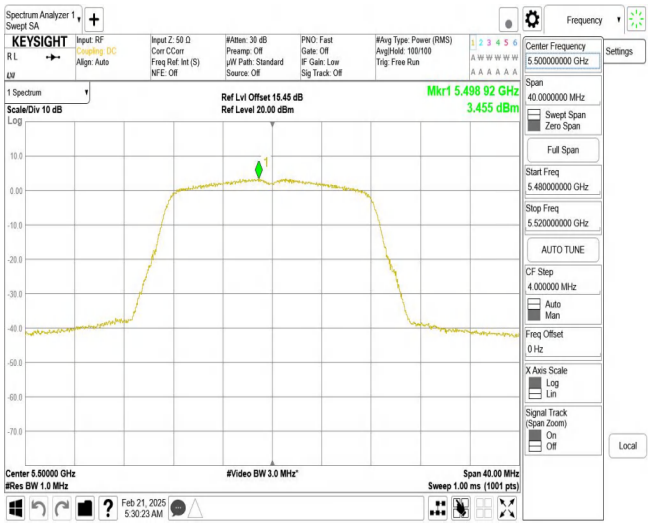
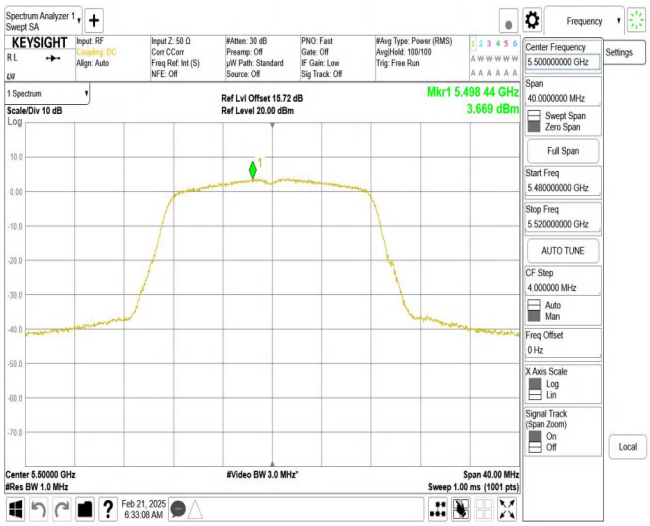


11A_Ant1_5500



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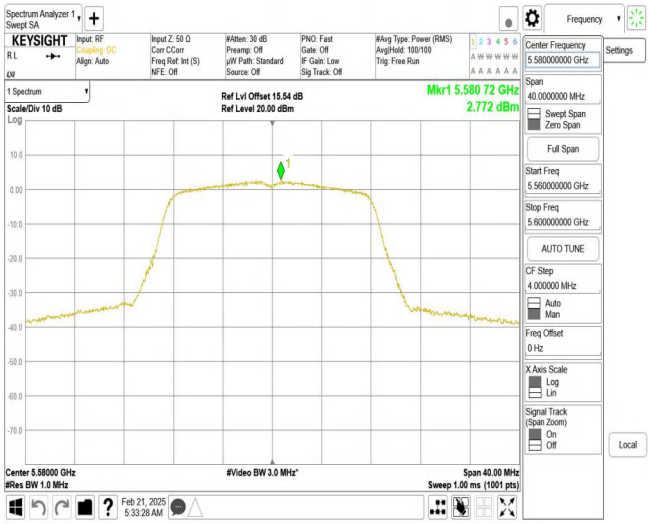

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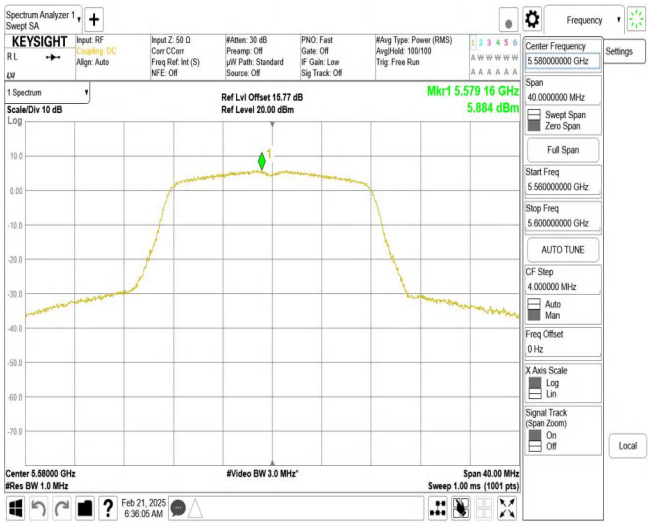

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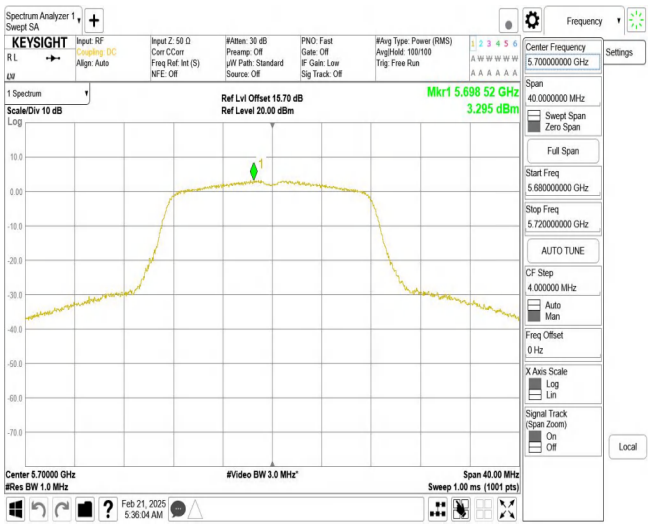

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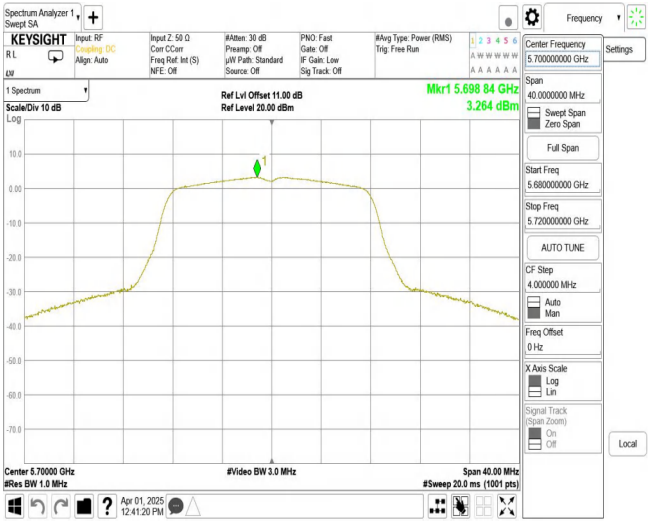

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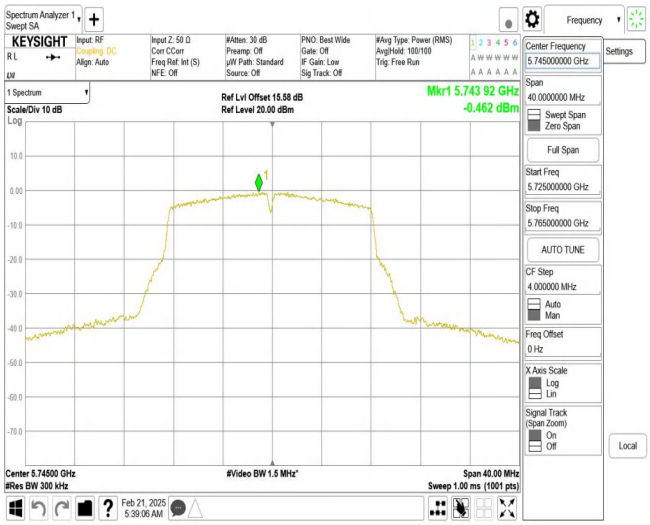

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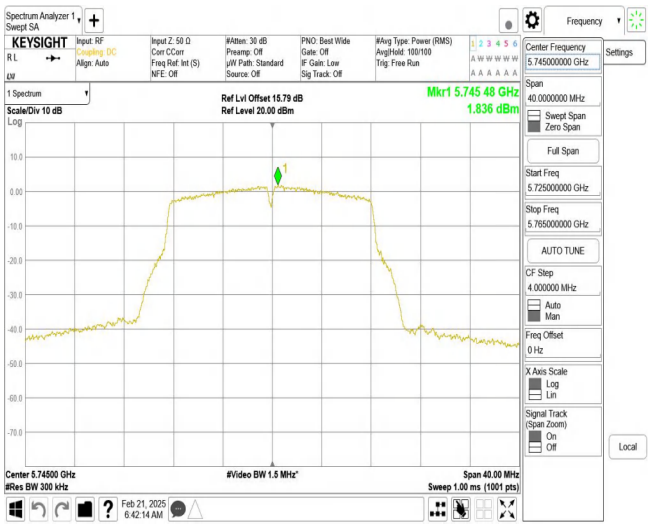

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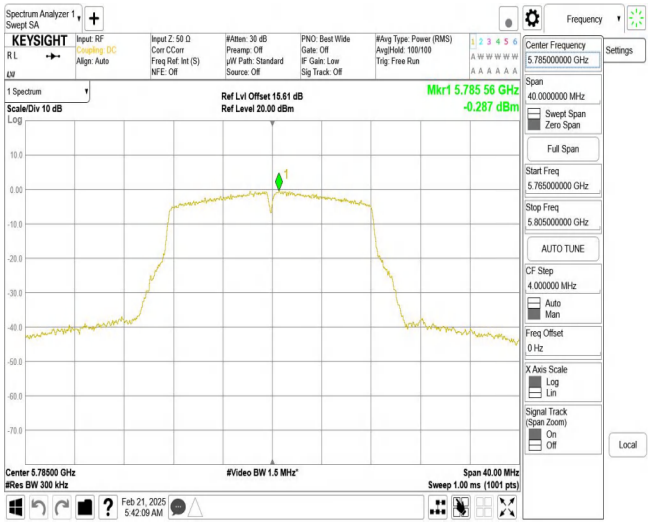

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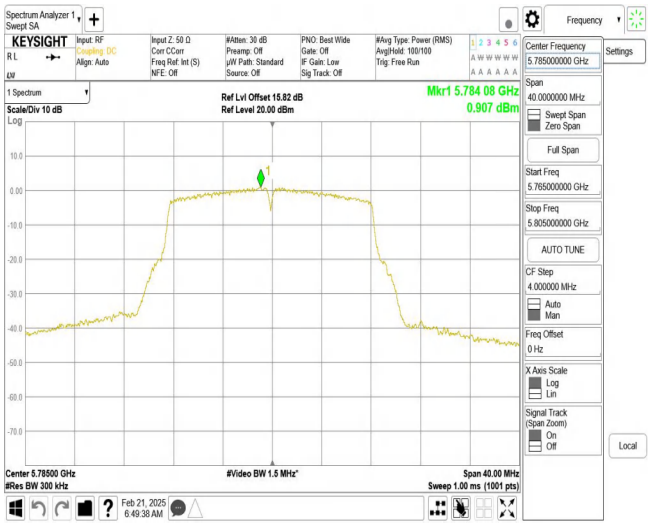

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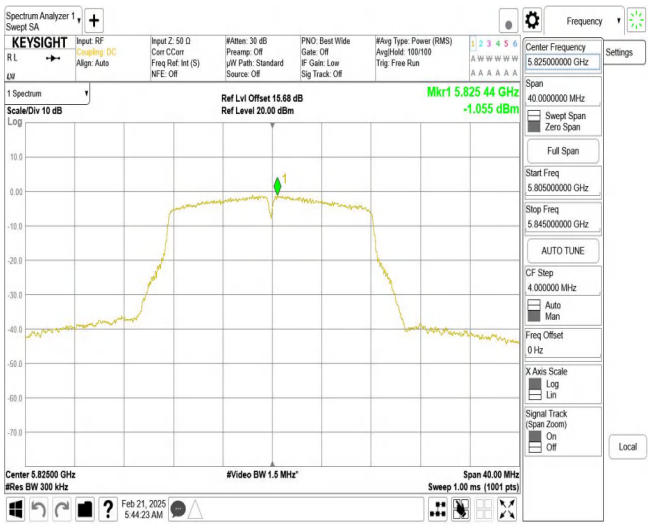
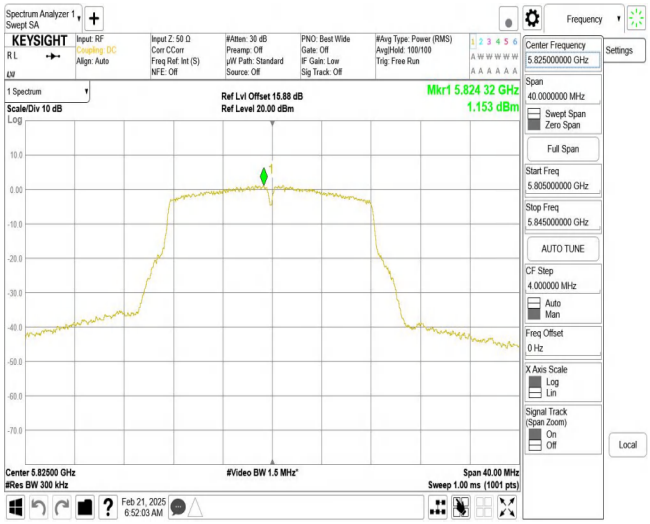


11A_Ant1_5825



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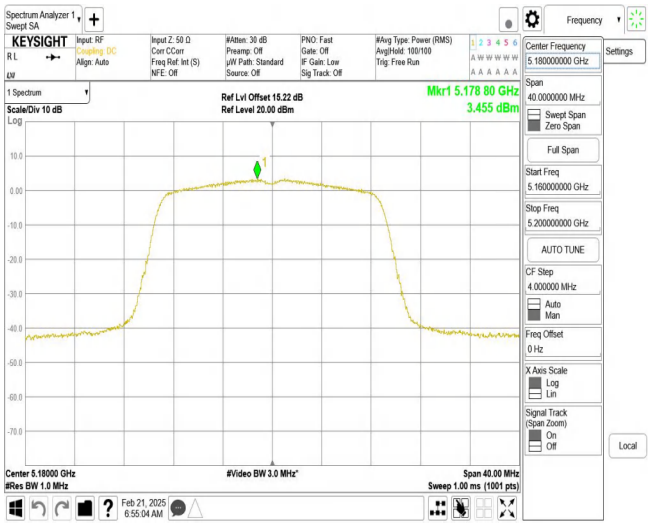
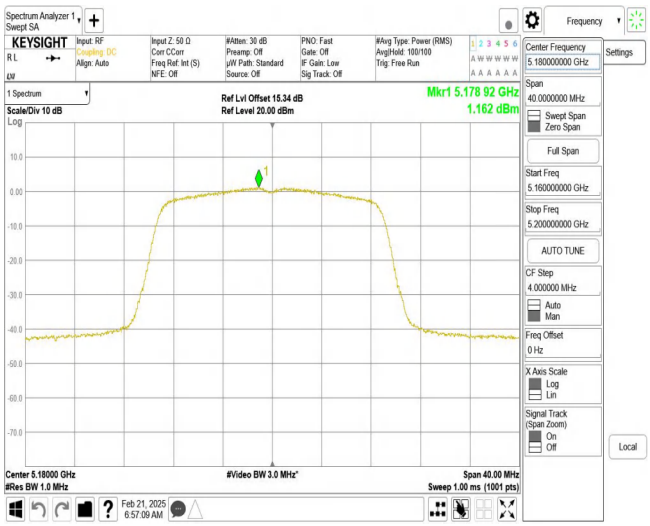


11N20MIMO_Ant1_5180



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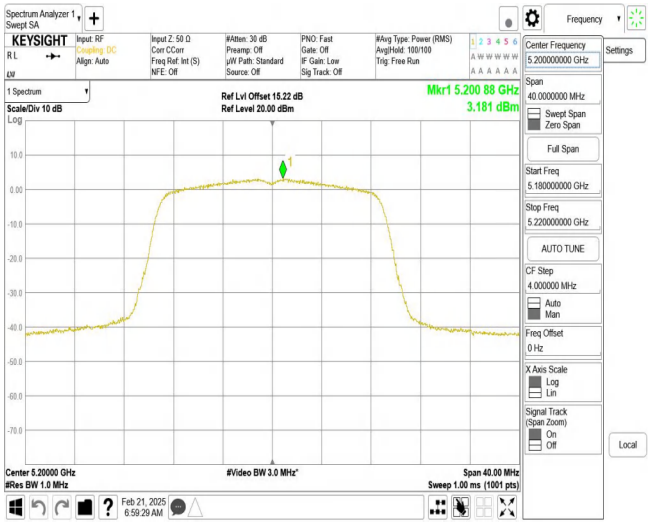

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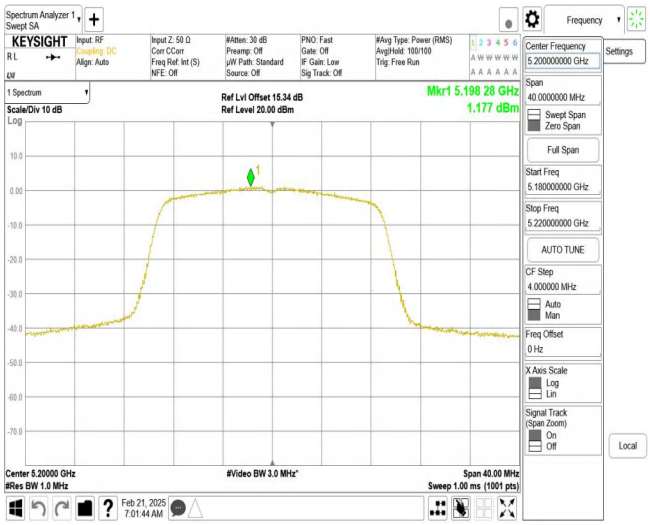

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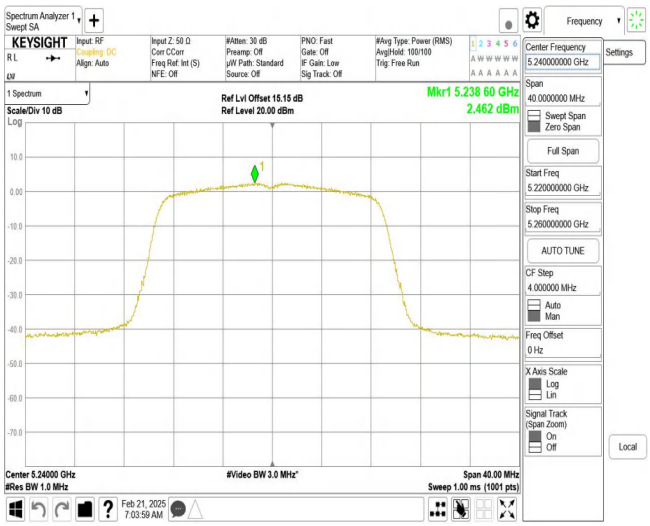

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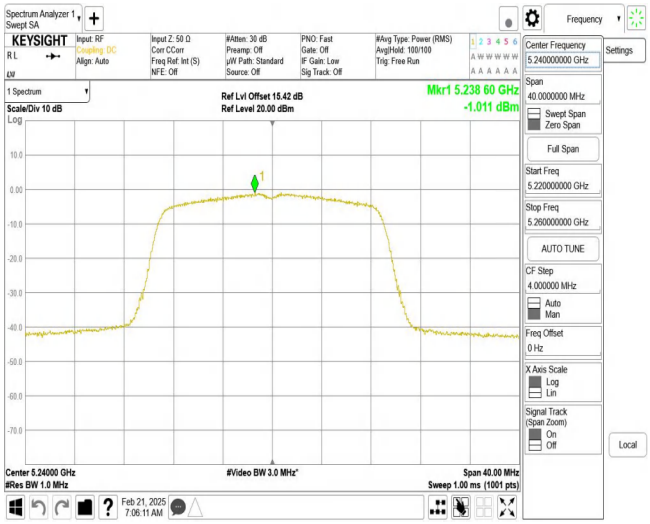

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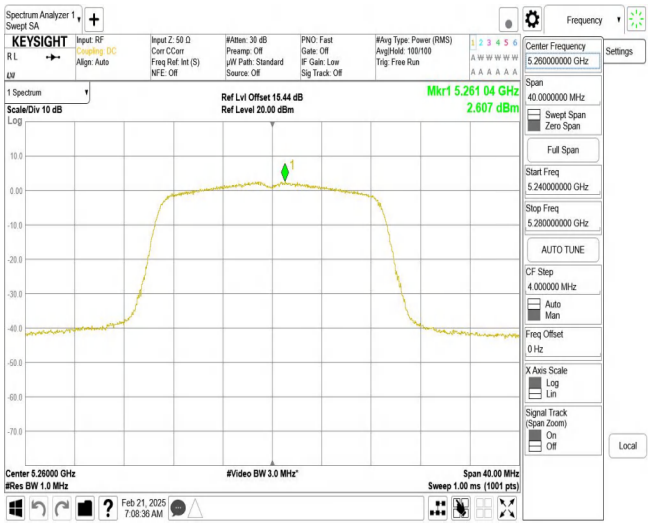

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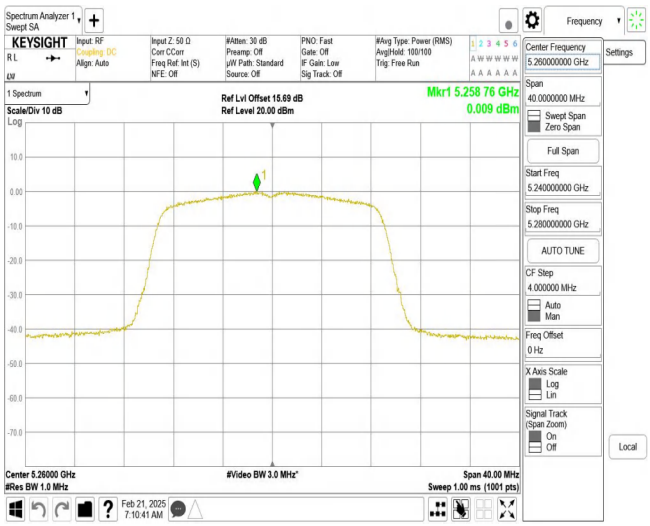

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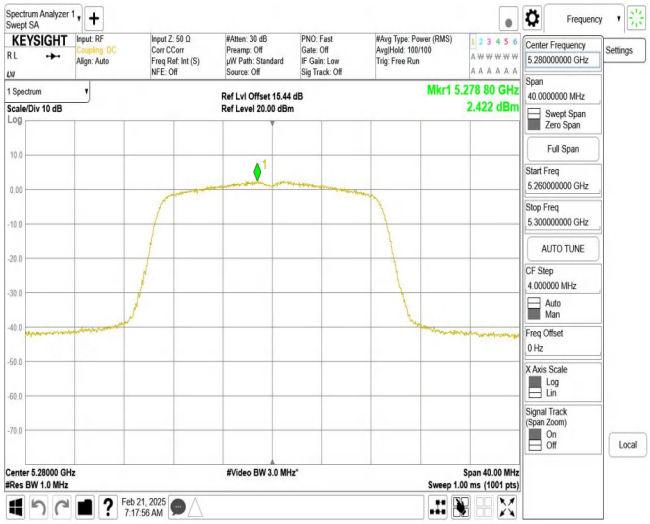

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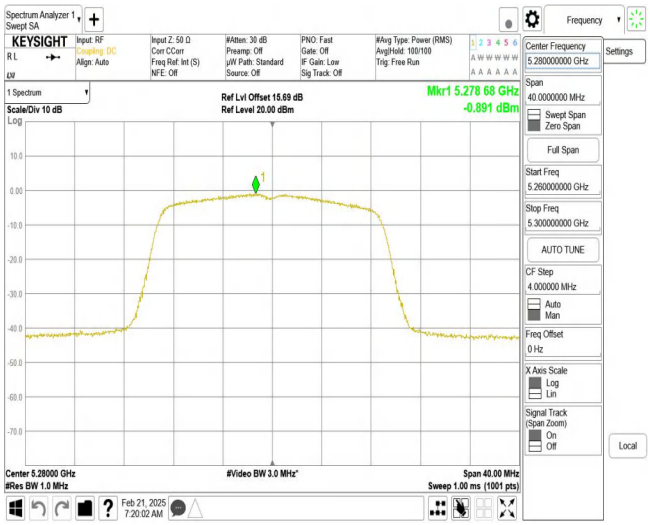

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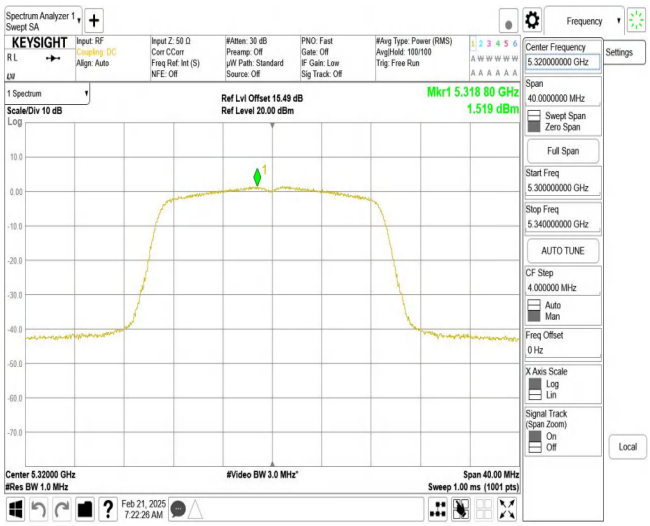

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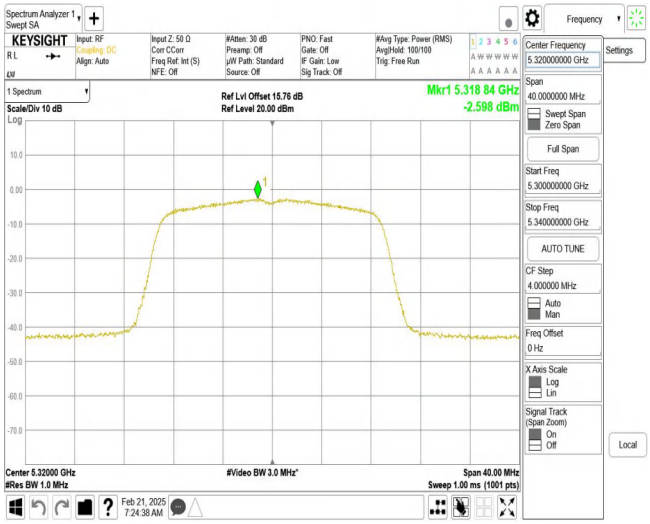

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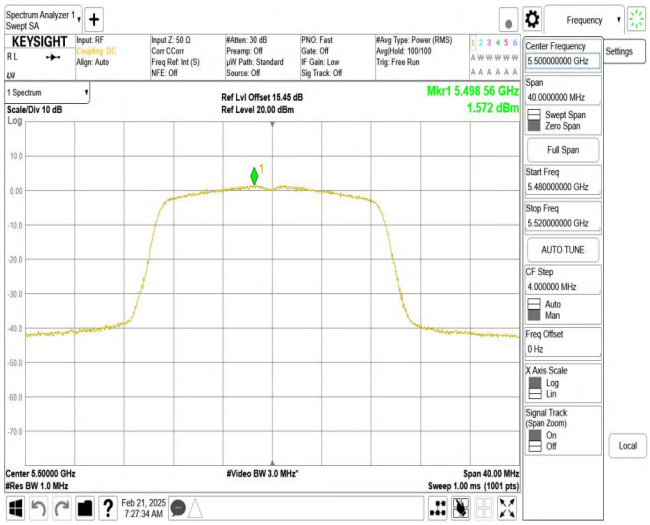

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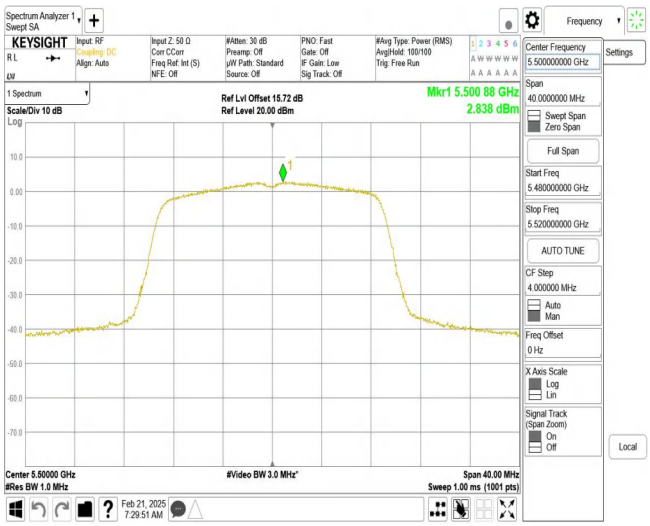

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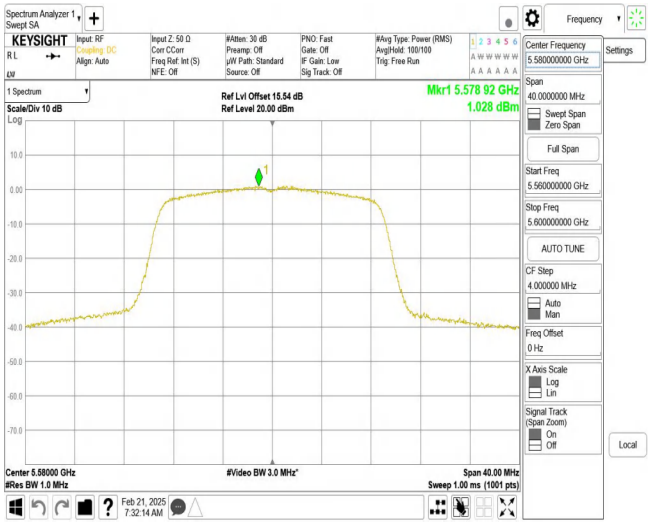

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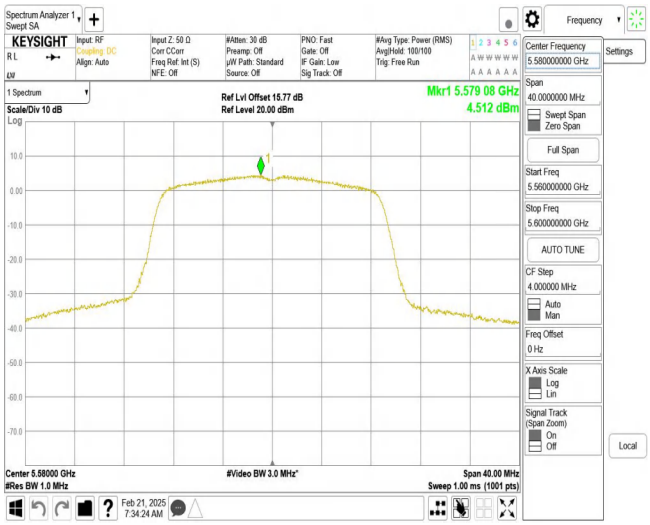

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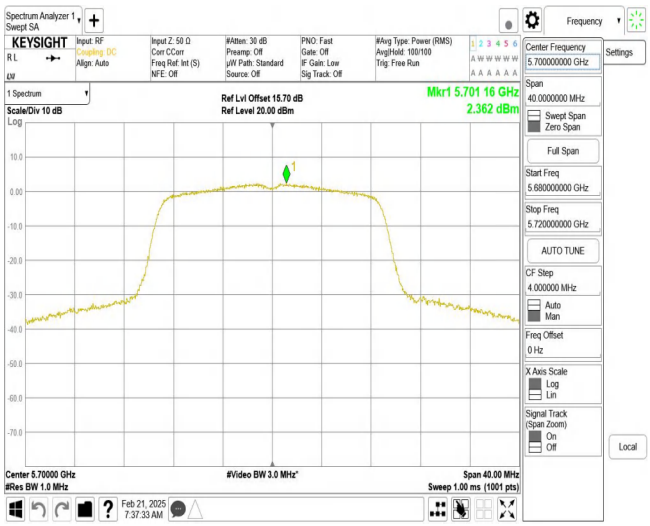

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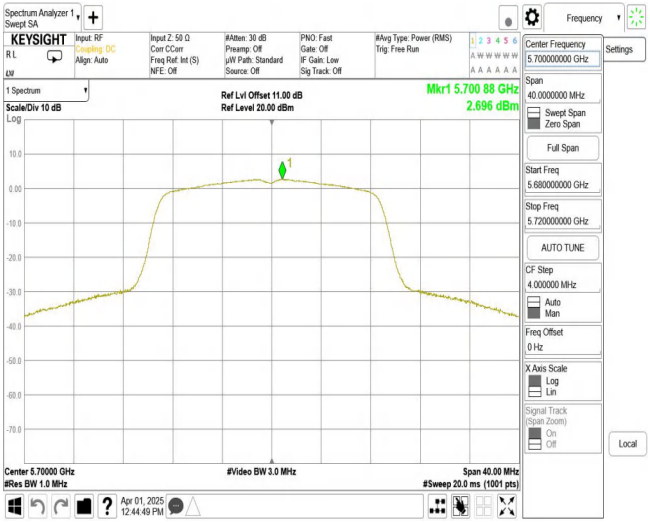

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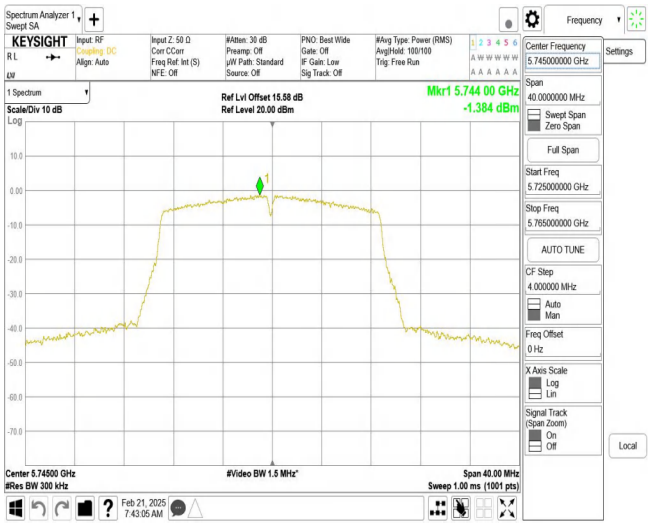

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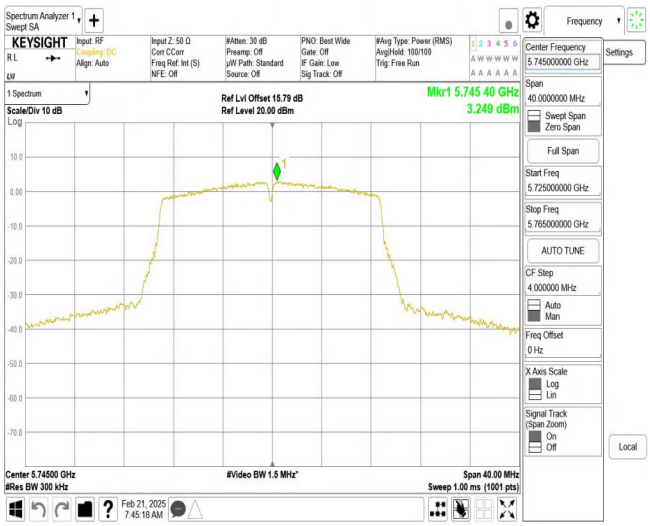

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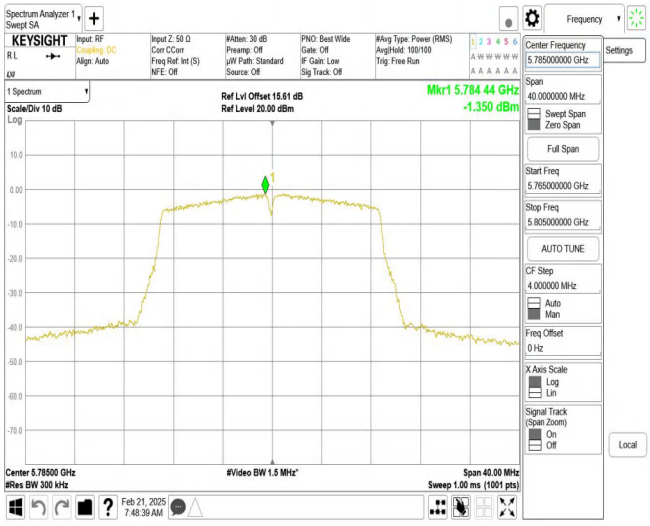

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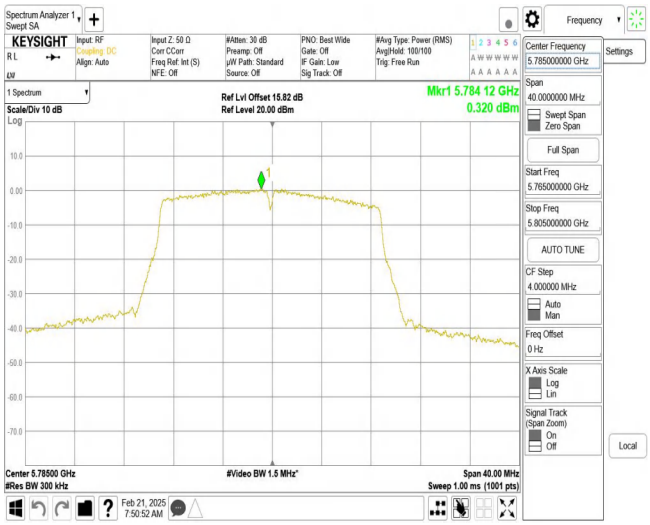

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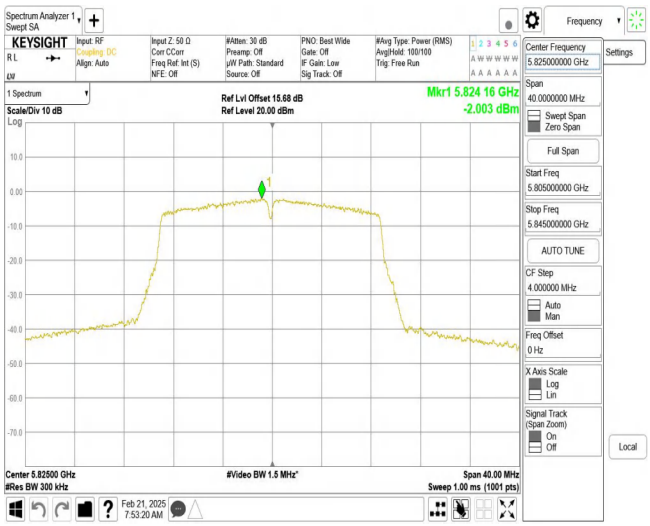

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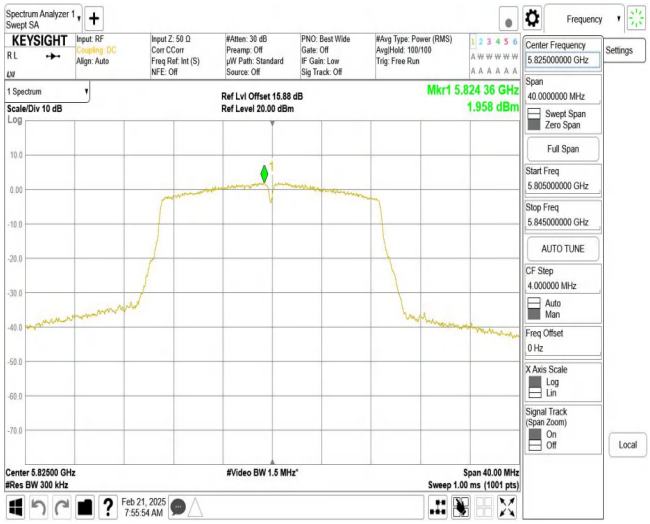

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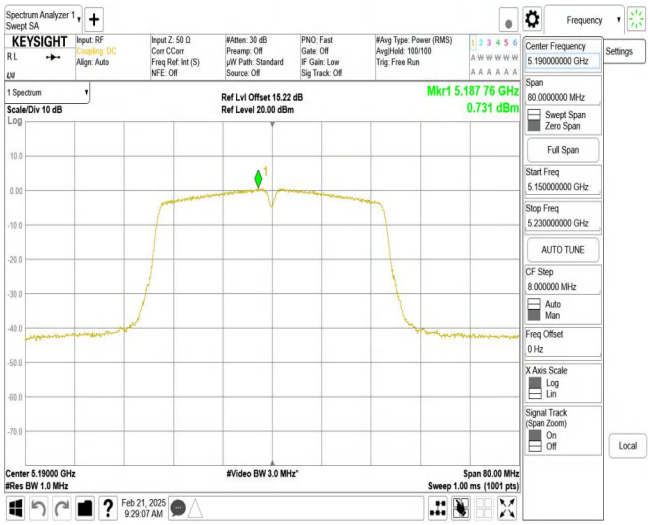
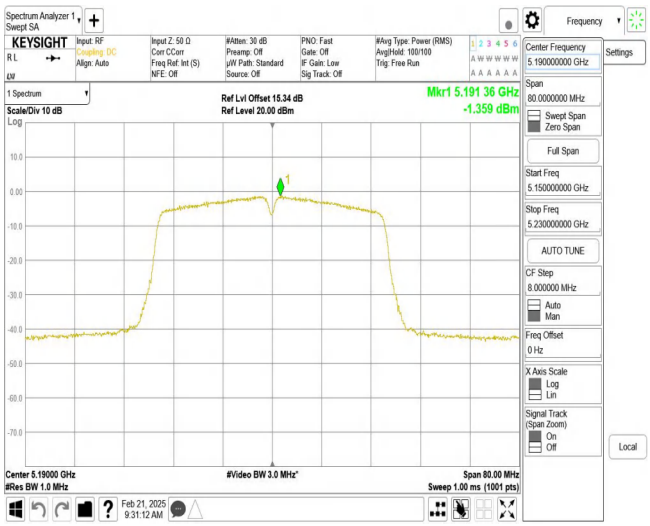


11N40MIMO_Ant1_5190



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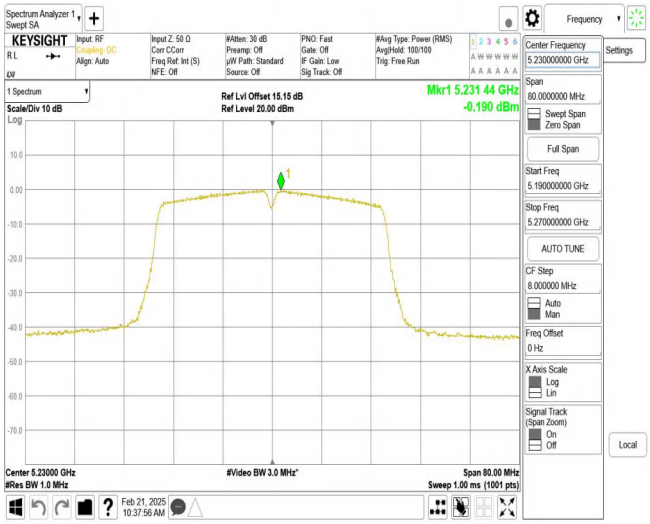

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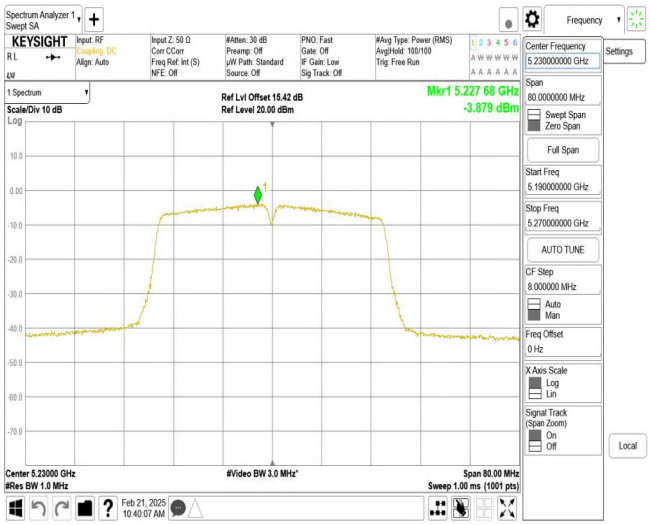

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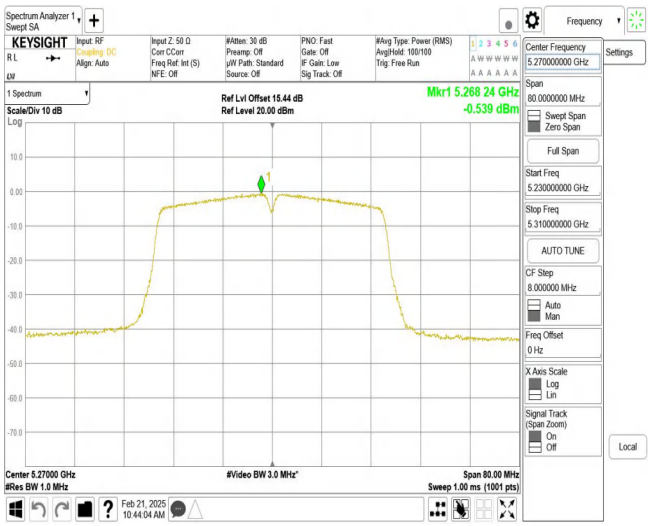
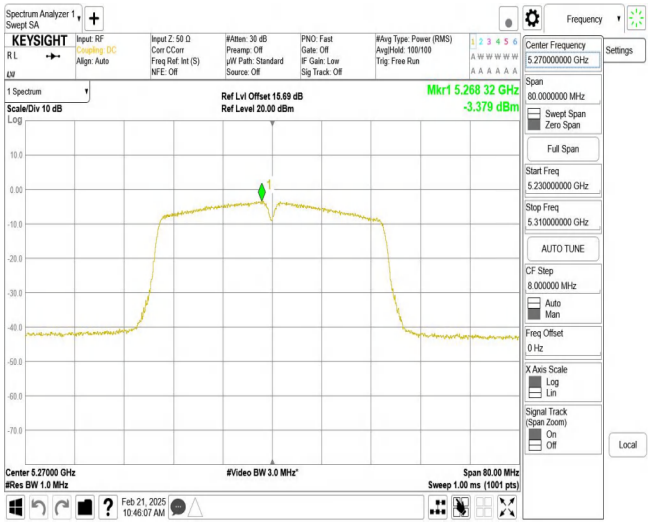


11N40MIMO_Ant1_5270



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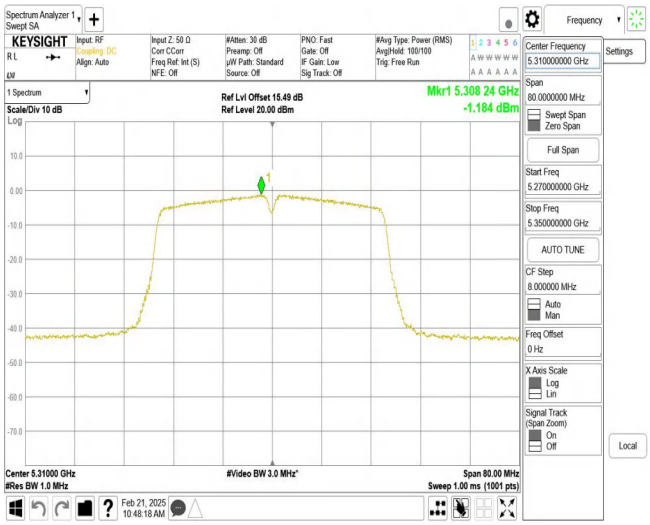

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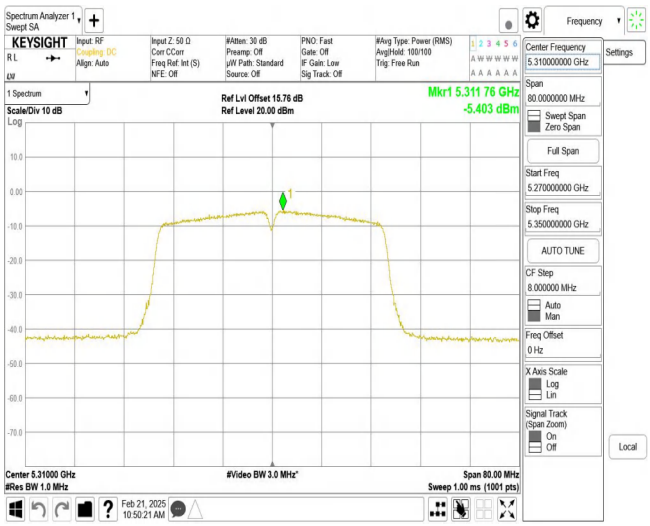

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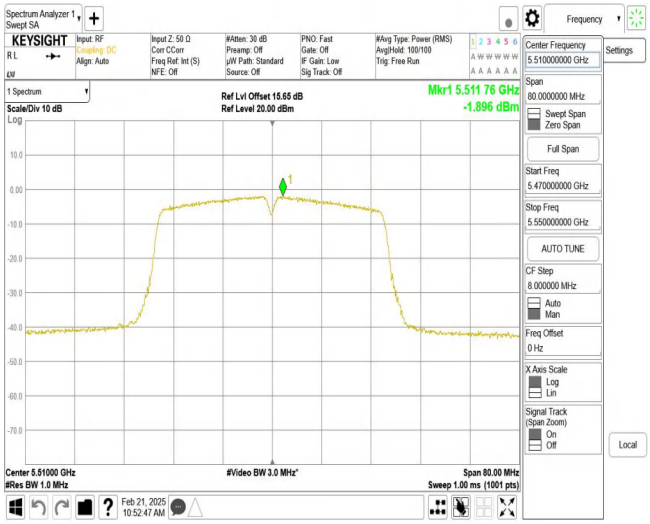

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