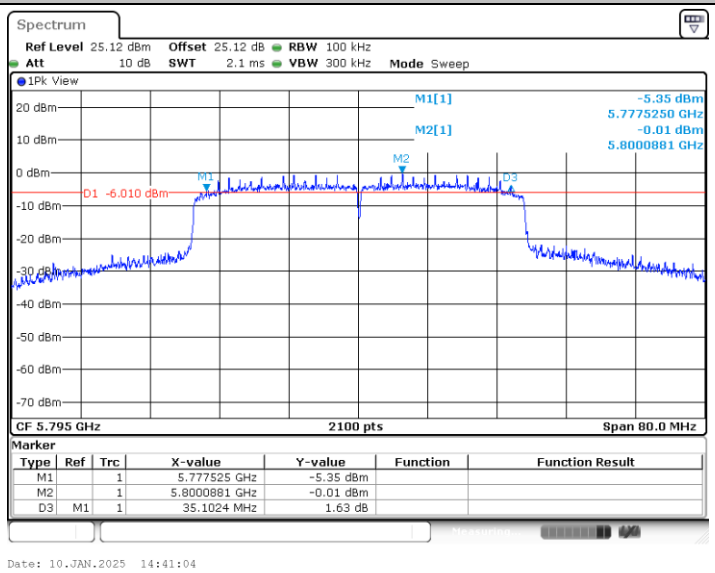
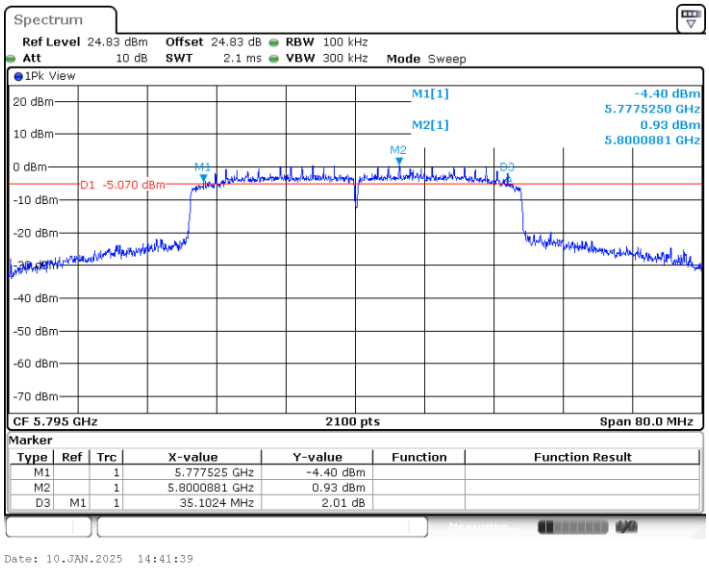
11AX40MIMO_Ant0_5795



11AX40MIMO_Ant1_5795



Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A-CDD	Ant0	5180	0.21	≤11.00	PASS
	Ant1	5180	1.48	≤11.00	PASS
	total	5180	3.90	≤11.00	PASS
	Ant0	5220	0.6	≤11.00	PASS
	Ant1	5220	1.47	≤11.00	PASS
	total	5220	4.07	≤11.00	PASS
	Ant0	5240	0.18	≤11.00	PASS
	Ant1	5240	0.67	≤11.00	PASS
	total	5240	3.44	≤11.00	PASS
	Ant0	5260	5.59	≤11.00	PASS
	Ant1	5260	5.33	≤11.00	PASS
	total	5260	8.47	≤11.00	PASS
	Ant0	5300	5.59	≤11.00	PASS
	Ant1	5300	5.02	≤11.00	PASS
	total	5300	8.32	≤11.00	PASS
	Ant0	5320	4.91	≤11.00	PASS
	Ant1	5320	4.08	≤11.00	PASS
	total	5320	7.53	≤11.00	PASS
	Ant0	5500	3.89	≤11.00	PASS
	Ant1	5500	2.72	≤11.00	PASS
	total	5500	6.35	≤11.00	PASS
	Ant0	5580	2.98	≤11.00	PASS
	Ant1	5580	2.29	≤11.00	PASS
	total	5580	5.66	≤11.00	PASS
	Ant0	5700	0.38	≤11.00	PASS
	Ant1	5700	1.11	≤11.00	PASS
	total	5700	3.77	≤11.00	PASS
	Ant0	5720_UNII-2C	2.64	≤11.00	PASS
	Ant1	5720_UNII-2C	3.06	≤11.00	PASS
	total	5720_UNII-2C	5.87	≤11.00	PASS
	Ant0	5720_UNII-3	-0.5	≤30.00	PASS
	Ant1	5720_UNII-3	0.06	≤30.00	PASS
	total	5720_UNII-3	2.80	≤30.00	PASS

	Ant0	5745	-0.19	≤30.00	PASS
	Ant1	5745	0.91	≤30.00	PASS
	total	5745	3.41	≤30.00	PASS
	Ant0	5785	0.3	≤30.00	PASS
	Ant1	5785	1.13	≤30.00	PASS
	total	5785	3.75	≤30.00	PASS
	Ant0	5825	0.2	≤30.00	PASS
	Ant1	5825	1.35	≤30.00	PASS
	total	5825	3.82	≤30.00	PASS
11N20MIMO	Ant0	5180	0.38	≤11.00	PASS
	Ant1	5180	1.62	≤11.00	PASS
	total	5180	4.05	≤11.00	PASS
	Ant0	5220	0.75	≤11.00	PASS
	Ant1	5220	1.54	≤11.00	PASS
	total	5220	4.17	≤11.00	PASS
	Ant0	5240	0.1	≤11.00	PASS
	Ant1	5240	0.58	≤11.00	PASS
	total	5240	3.36	≤11.00	PASS
	Ant0	5260	5.92	≤11.00	PASS
	Ant1	5260	5.64	≤11.00	PASS
	total	5260	8.79	≤11.00	PASS
	Ant0	5300	6.02	≤11.00	PASS
	Ant1	5300	5.48	≤11.00	PASS
	total	5300	8.77	≤11.00	PASS
	Ant0	5320	2.27	≤11.00	PASS
	Ant1	5320	1.24	≤11.00	PASS
	total	5320	4.80	≤11.00	PASS
	Ant0	5500	4.58	≤11.00	PASS
	Ant1	5500	3.31	≤11.00	PASS
	total	5500	7.00	≤11.00	PASS
	Ant0	5580	3.63	≤11.00	PASS
	Ant1	5580	2.82	≤11.00	PASS
	total	5580	6.25	≤11.00	PASS
	Ant0	5700	0.38	≤11.00	PASS
	Ant1	5700	1.05	≤11.00	PASS
	total	5700	3.74	≤11.00	PASS
	Ant0	5720_UNII-2C	3.24	≤11.00	PASS
	Ant1	5720_UNII-2C	3.62	≤11.00	PASS

	total	5720_UNII-2C	6.44	≤11.00	PASS
	Ant0	5720_UNII-3	0.15	≤30.00	PASS
	Ant1	5720_UNII-3	0.64	≤30.00	PASS
	total	5720_UNII-3	3.41	≤30.00	PASS
	Ant0	5745	0.31	≤30.00	PASS
	Ant1	5745	1.39	≤30.00	PASS
	total	5745	3.89	≤30.00	PASS
	Ant0	5785	0.8	≤30.00	PASS
	Ant1	5785	1.64	≤30.00	PASS
	total	5785	4.25	≤30.00	PASS
	Ant0	5825	0.63	≤30.00	PASS
	Ant1	5825	1.75	≤30.00	PASS
	total	5825	4.24	≤30.00	PASS
11N40MIMO	Ant0	5190	-6.66	≤11.00	PASS
	Ant1	5190	-4.84	≤11.00	PASS
	total	5190	-2.65	≤11.00	PASS
	Ant0	5230	0.63	≤11.00	PASS
	Ant1	5230	1.68	≤11.00	PASS
	total	5230	4.20	≤11.00	PASS
	Ant0	5270	2.4	≤11.00	PASS
	Ant1	5270	2.85	≤11.00	PASS
	total	5270	5.64	≤11.00	PASS
	Ant0	5310	-3.71	≤11.00	PASS
	Ant1	5310	-3.82	≤11.00	PASS
	total	5310	-0.75	≤11.00	PASS
	Ant0	5510	-2.67	≤11.00	PASS
	Ant1	5510	-3.45	≤11.00	PASS
	total	5510	-0.03	≤11.00	PASS
	Ant0	5550	0.9	≤11.00	PASS
	Ant1	5550	0.78	≤11.00	PASS
	total	5550	3.85	≤11.00	PASS
	Ant0	5670	-1.27	≤11.00	PASS
	Ant1	5670	-0.09	≤11.00	PASS
	total	5670	2.37	≤11.00	PASS
	Ant0	5710_UNII-2C	-0.56	≤11.00	PASS
	Ant1	5710_UNII-2C	0.75	≤11.00	PASS
	total	5710_UNII-2C	3.15	≤11.00	PASS
	Ant0	5710_UNII-3	-4.79	≤30.00	PASS

	Ant1	5710_UNII-3	-3.62	≤30.00	PASS
	total	5710_UNII-3	-1.16	≤30.00	PASS
	Ant0	5755	-2.86	≤30.00	PASS
	Ant1	5755	-1.04	≤30.00	PASS
	total	5755	1.15	≤30.00	PASS
	Ant0	5795	-2.47	≤30.00	PASS
	Ant1	5795	-1.01	≤30.00	PASS
	total	5795	1.33	≤30.00	PASS
11AX20MIMO	Ant0	5180	0.3	≤11.00	PASS
	Ant1	5180	1.5	≤11.00	PASS
	total	5180	3.95	≤11.00	PASS
	Ant0	5220	0.18	≤11.00	PASS
	Ant1	5220	0.95	≤11.00	PASS
	total	5220	3.59	≤11.00	PASS
	Ant0	5240	0.21	≤11.00	PASS
	Ant1	5240	0.63	≤11.00	PASS
	total	5240	3.44	≤11.00	PASS
	Ant0	5260	1.99	≤11.00	PASS
	Ant1	5260	1.5	≤11.00	PASS
	total	5260	4.76	≤11.00	PASS
	Ant0	5300	1.8	≤11.00	PASS
	Ant1	5300	1.11	≤11.00	PASS
	total	5300	4.48	≤11.00	PASS
	Ant0	5320	1.73	≤11.00	PASS
	Ant1	5320	0.7	≤11.00	PASS
	total	5320	4.26	≤11.00	PASS
	Ant0	5500	1.85	≤11.00	PASS
	Ant1	5500	0.53	≤11.00	PASS
	total	5500	4.25	≤11.00	PASS
	Ant0	5580	1.89	≤11.00	PASS
	Ant1	5580	1.18	≤11.00	PASS
	total	5580	4.56	≤11.00	PASS
	Ant0	5700	0.04	≤11.00	PASS
	Ant1	5700	0.56	≤11.00	PASS
	total	5700	3.32	≤11.00	PASS
	Ant0	5720_UNII-2C	2.17	≤11.00	PASS
	Ant1	5720_UNII-2C	2.53	≤11.00	PASS
	total	5720_UNII-2C	5.36	≤11.00	PASS

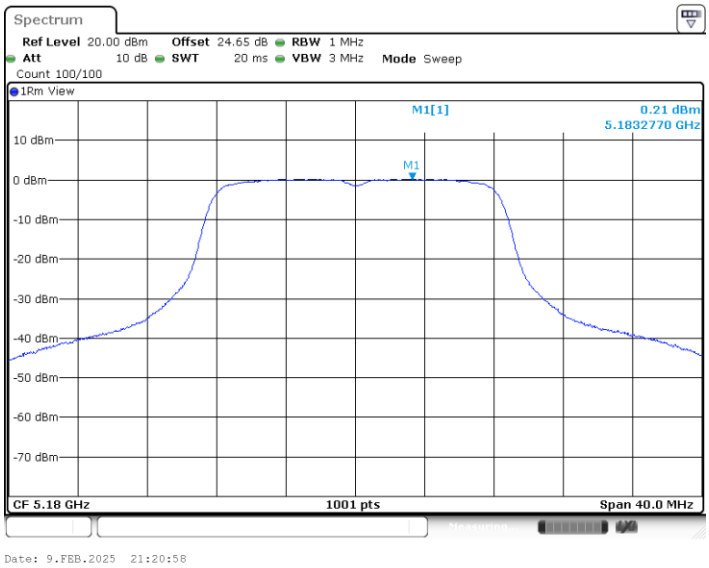
	Ant0	5720_UNII-3	-0.88	≤30.00	PASS
	Ant1	5720_UNII-3	-0.49	≤30.00	PASS
	total	5720_UNII-3	2.33	≤30.00	PASS
	Ant0	5745	-1.21	≤30.00	PASS
	Ant1	5745	-0.09	≤30.00	PASS
	total	5745	2.40	≤30.00	PASS
	Ant0	5785	-1.52	≤30.00	PASS
	Ant1	5785	-0.57	≤30.00	PASS
	total	5785	1.99	≤30.00	PASS
	Ant0	5825	-1.43	≤30.00	PASS
	Ant1	5825	-0.39	≤30.00	PASS
	total	5825	2.13	≤30.00	PASS
11AX40MIMO	Ant0	5190	-5.91	≤11.00	PASS
	Ant1	5190	-3.57	≤11.00	PASS
	total	5190	-1.57	≤11.00	PASS
	Ant0	5230	-1	≤11.00	PASS
	Ant1	5230	0.37	≤11.00	PASS
	total	5230	2.75	≤11.00	PASS
	Ant0	5270	-0.78	≤11.00	PASS
	Ant1	5270	-0.02	≤11.00	PASS
	total	5270	2.63	≤11.00	PASS
	Ant0	5310	-5.25	≤11.00	PASS
	Ant1	5310	-4.75	≤11.00	PASS
	total	5310	-1.98	≤11.00	PASS
	Ant0	5510	-3.64	≤11.00	PASS
	Ant1	5510	-3.77	≤11.00	PASS
	total	5510	-0.69	≤11.00	PASS
	Ant0	5550	-0.64	≤11.00	PASS
	Ant1	5550	-0.31	≤11.00	PASS
	total	5550	2.54	≤11.00	PASS
	Ant0	5670	-3.13	≤11.00	PASS
	Ant1	5670	-1.46	≤11.00	PASS
	total	5670	0.80	≤11.00	PASS
	Ant0	5710_UNII-2C	-0.63	≤11.00	PASS
	Ant1	5710_UNII-2C	1.14	≤11.00	PASS
	total	5710_UNII-2C	3.35	≤11.00	PASS
	Ant0	5710_UNII-3	-4.75	≤30.00	PASS
	Ant1	5710_UNII-3	-2.83	≤30.00	PASS

	total	5710_UNII-3	-0.67	≤30.00	PASS
	Ant0	5755	-3.82	≤30.00	PASS
	Ant1	5755	-1.32	≤30.00	PASS
	total	5755	0.62	≤30.00	PASS
	Ant0	5795	-3.84	≤30.00	PASS
	Ant1	5795	-1.53	≤30.00	PASS
	total	5795	0.48	≤30.00	PASS

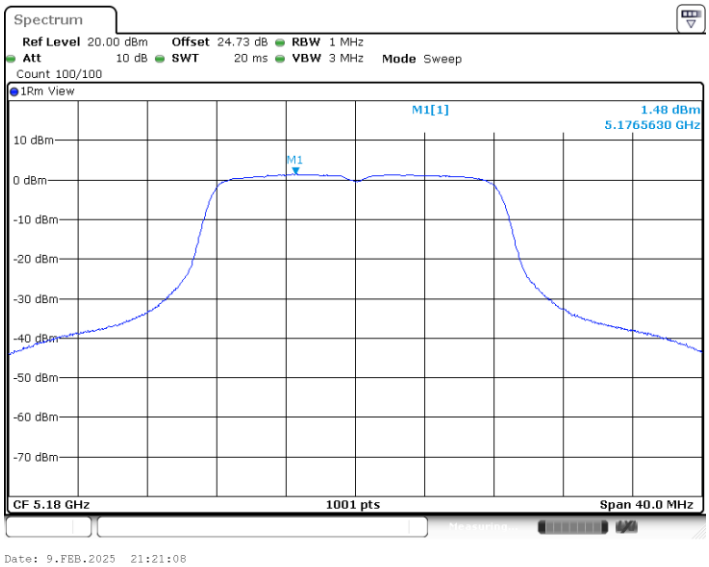
Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and is compensated in the graph.

Test Graphs

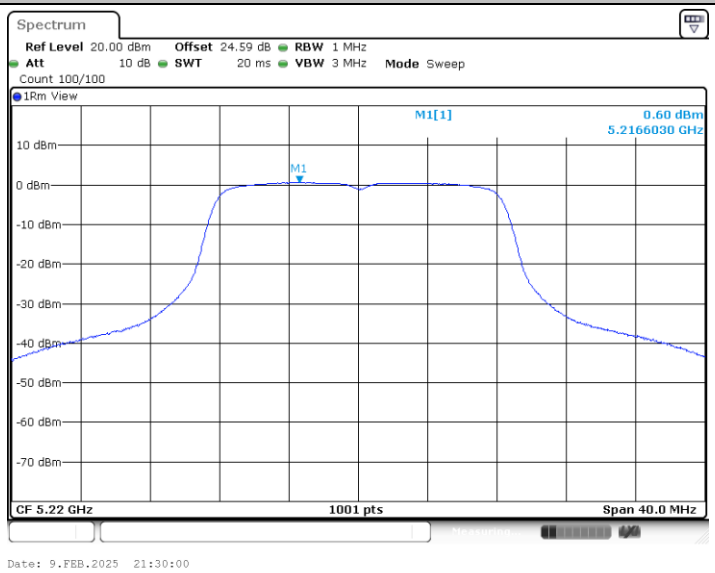
11A-CDD_Ant0_5180



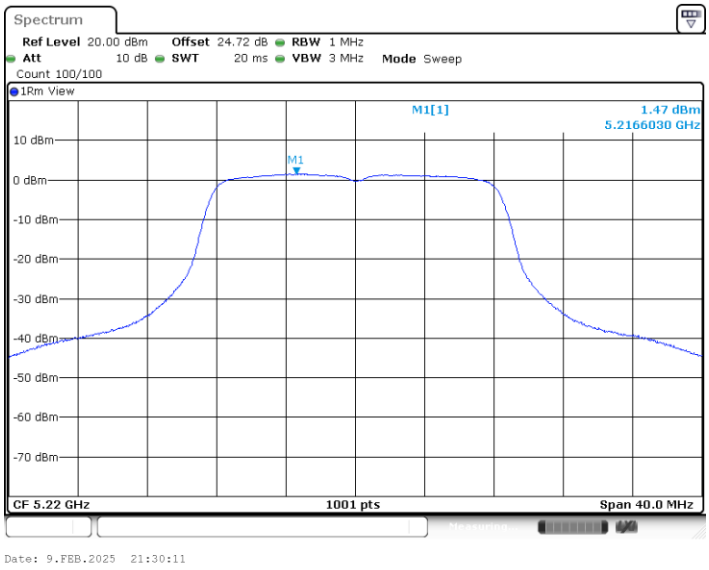
11A-CDD_Ant1_5180



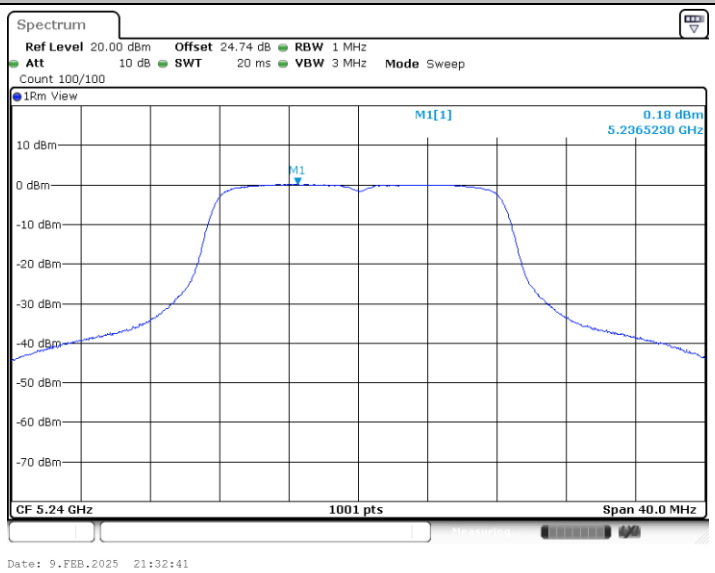
11A-CDD_Ant0_5220



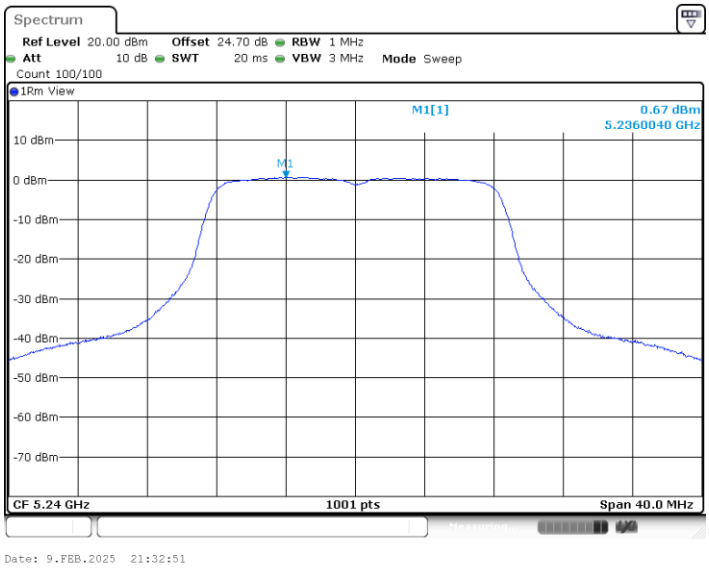
11A-CDD_Ant1_5220



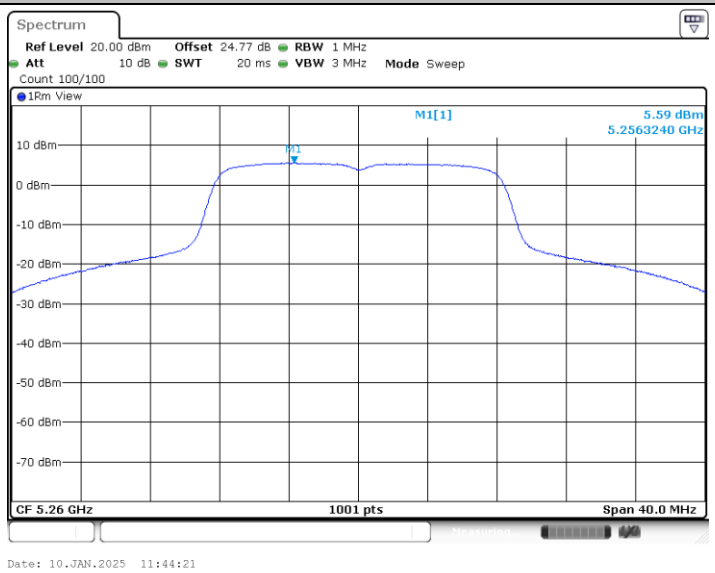
11A-CDD_Ant0_5240



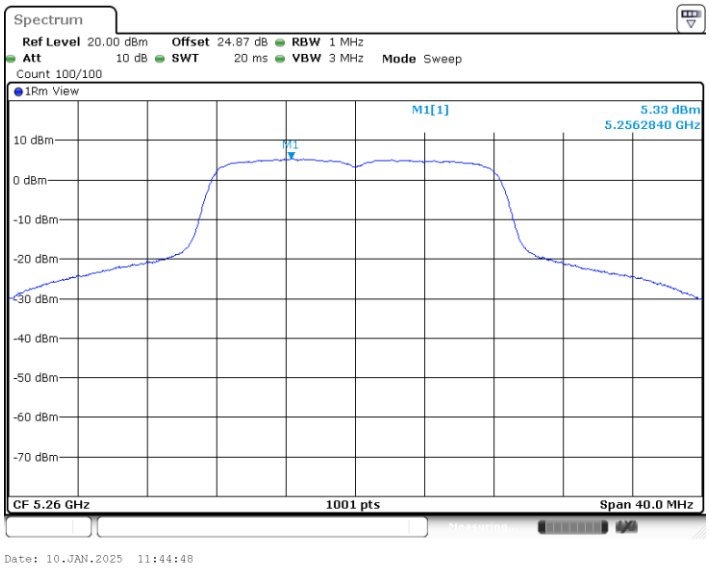
11A-CDD_Ant1_5240



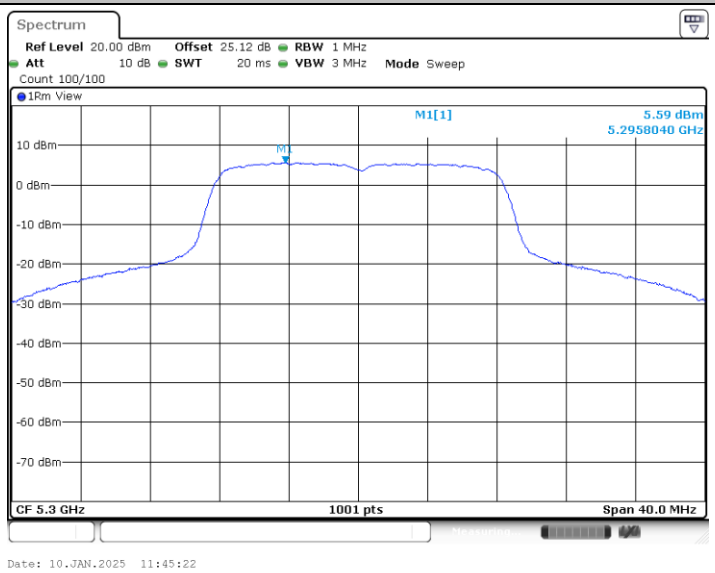
11A-CDD_Ant0_5260



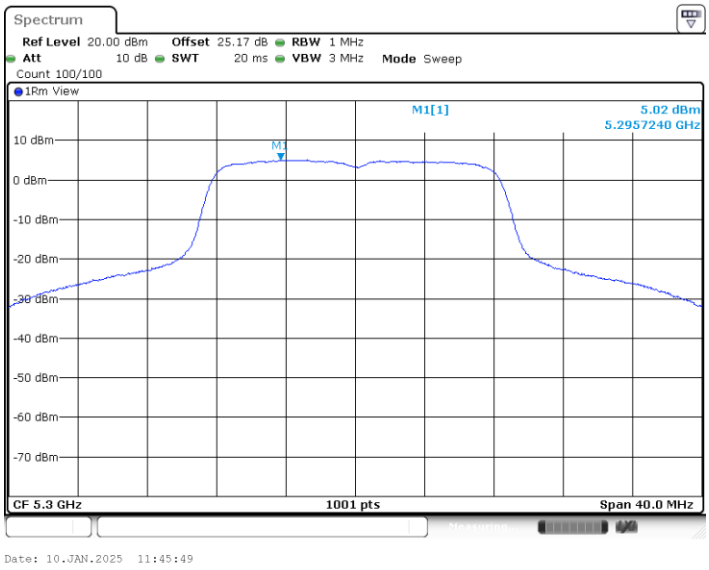
11A-CDD_Ant1_5260



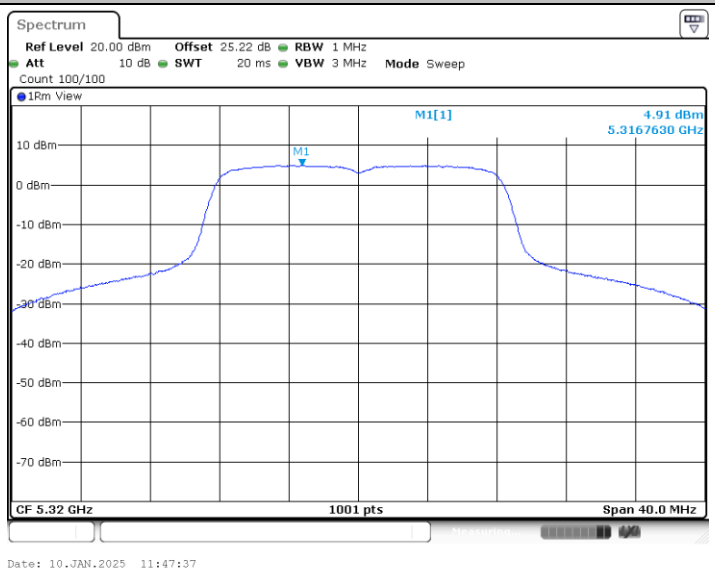
11A-CDD_Ant0_5300



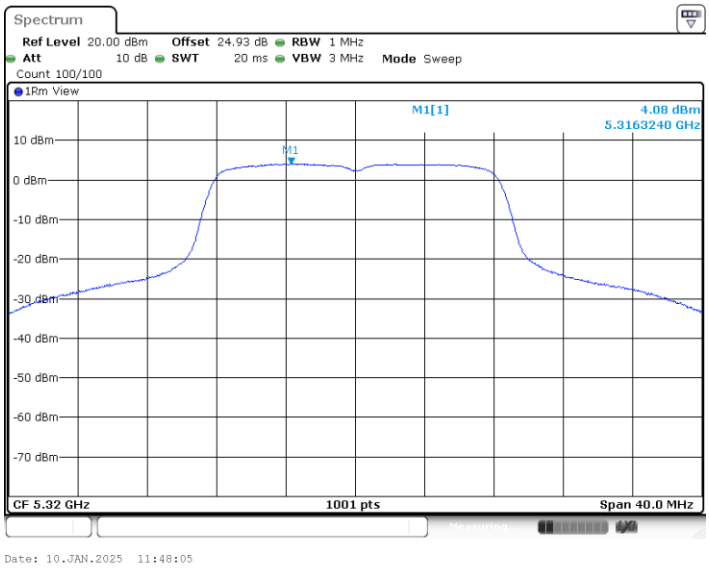
11A-CDD_Ant1_5300



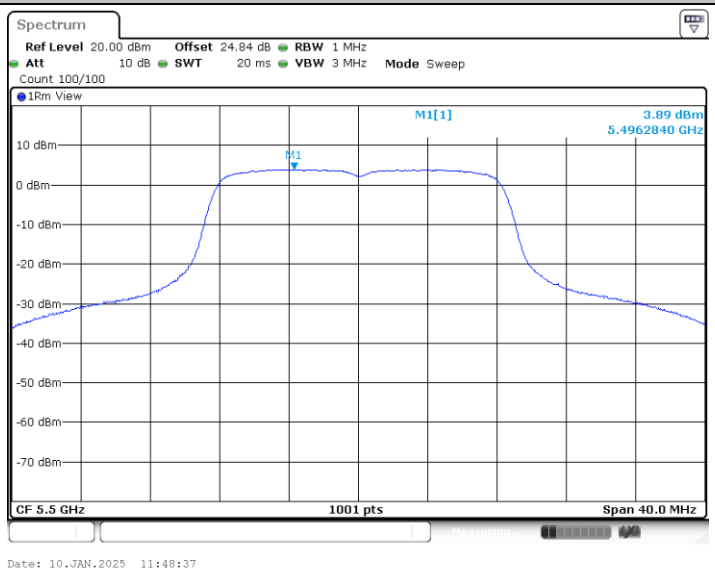
11A-CDD_Ant0_5320



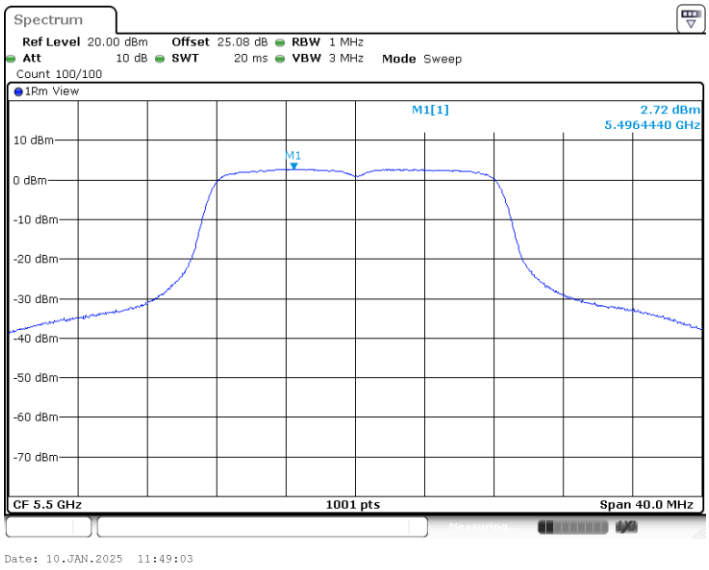
11A-CDD_Ant1_5320



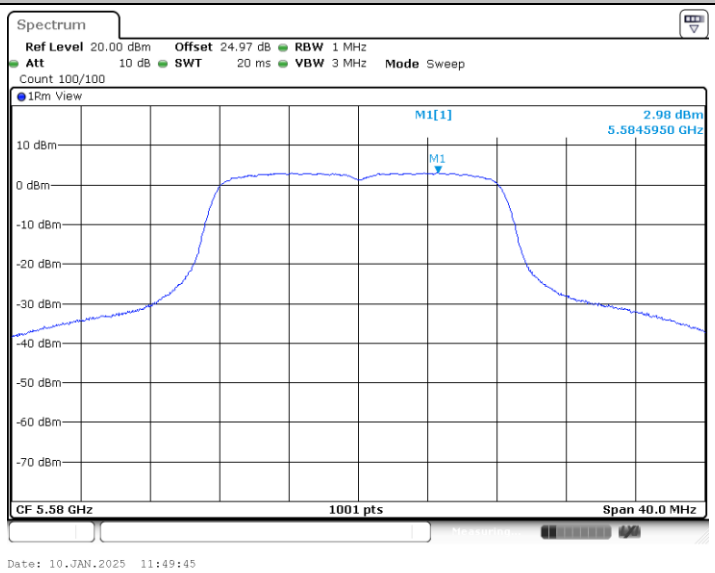
11A-CDD_Ant0_5500



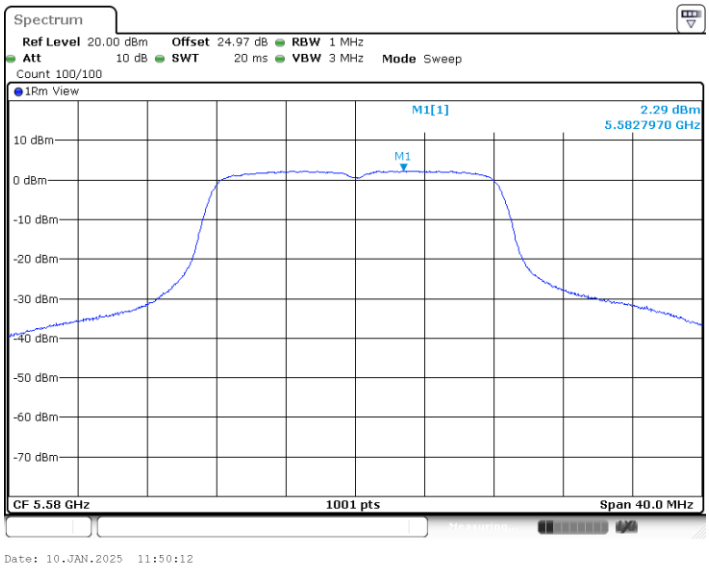
11A-CDD_Ant1_5500



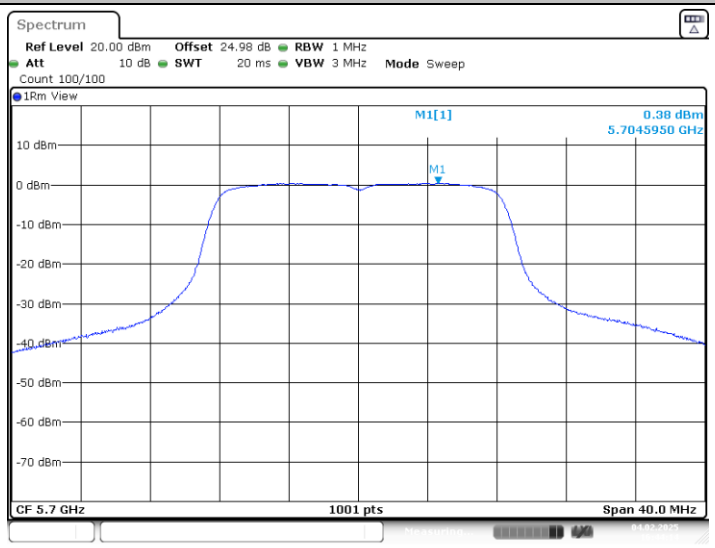
11A-CDD_Ant0_5580



11A-CDD_Ant1_5580

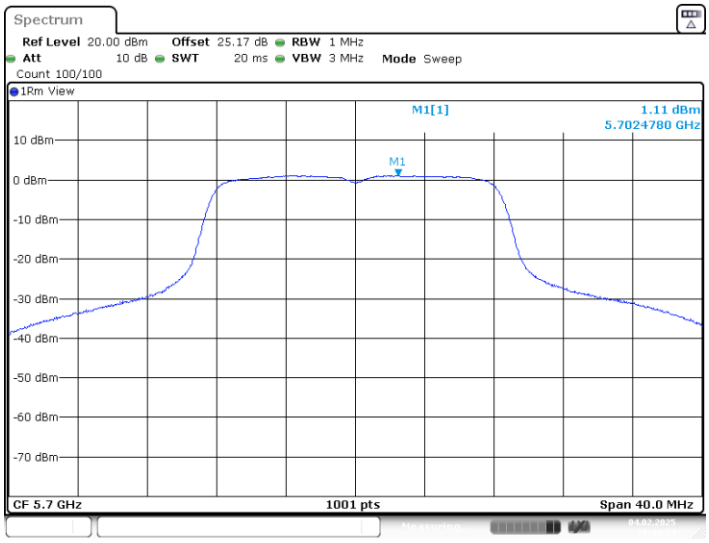


11A-CDD_Ant0_5700



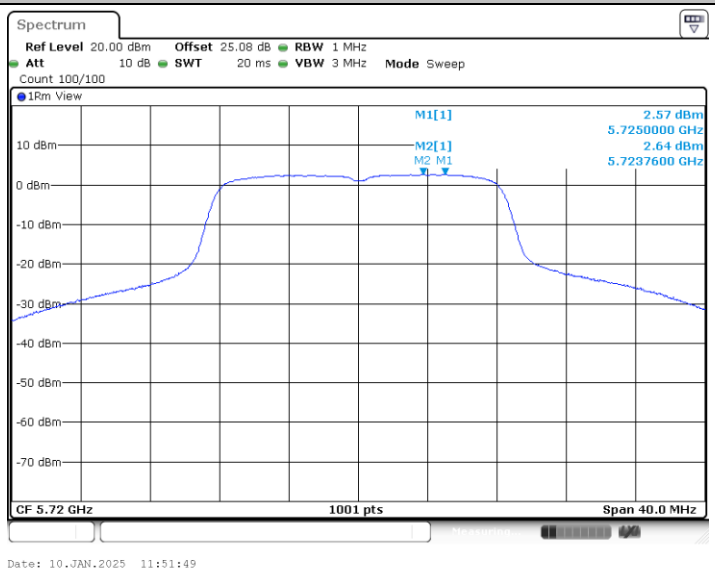
Date: 4.FEB.2025 16:44:14

11A-CDD_Ant1_5700

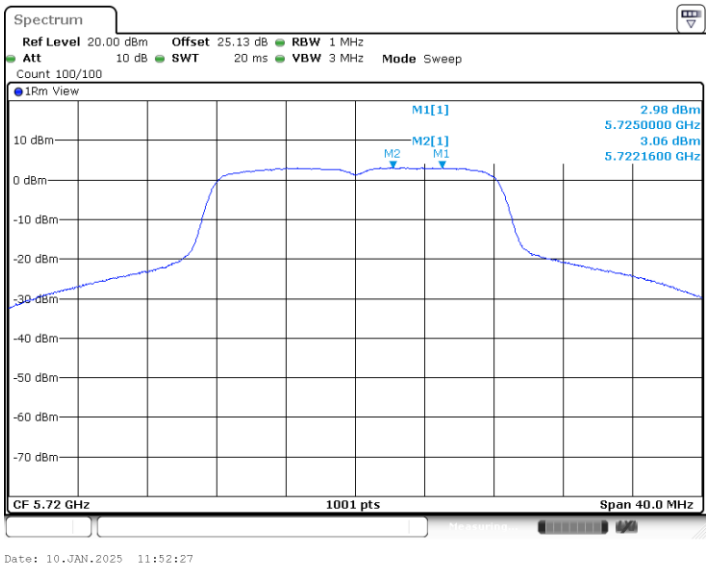


Date: 4.FEB.2025 16:44:24

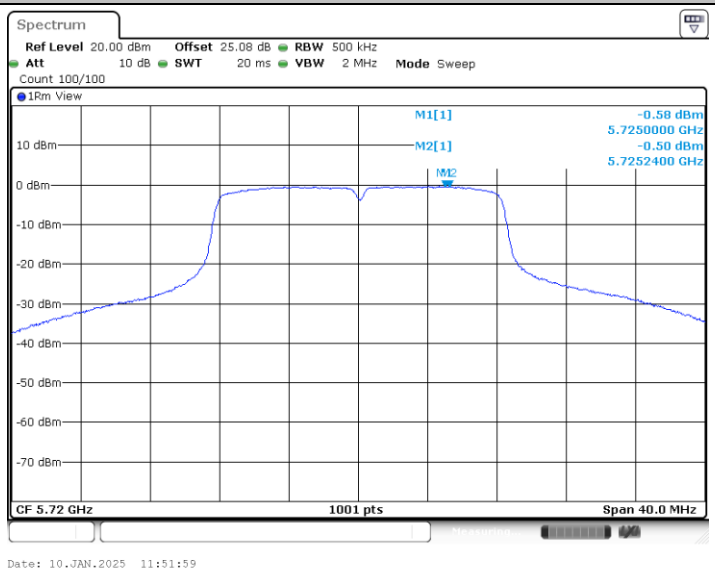
11A-CDD_Ant0_5720_UNII-2C



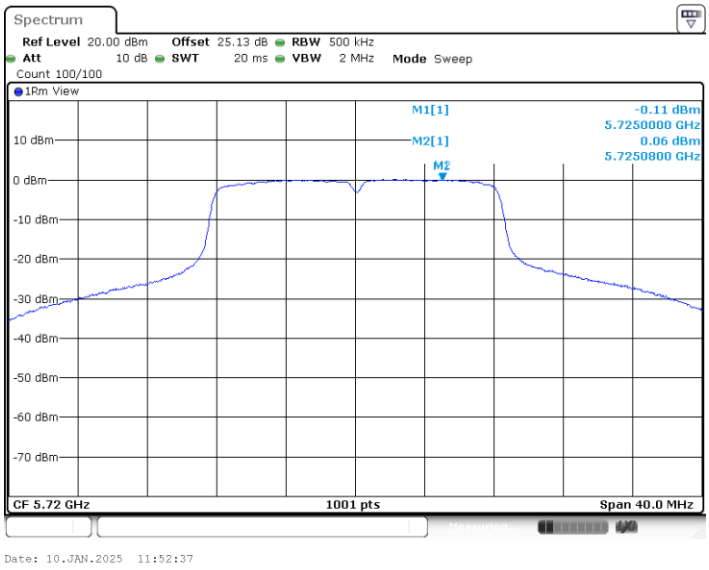
11A-CDD_Ant1_5720_UNII-2C



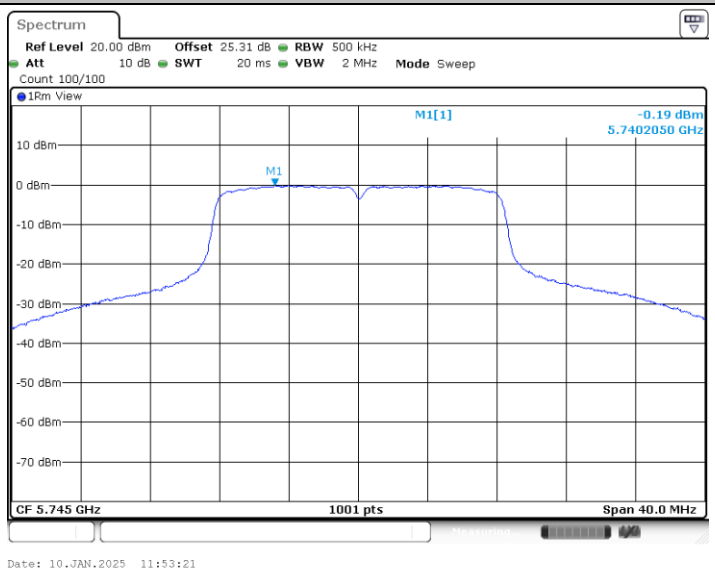
11A-CDD_Ant0_5720_UNII-3



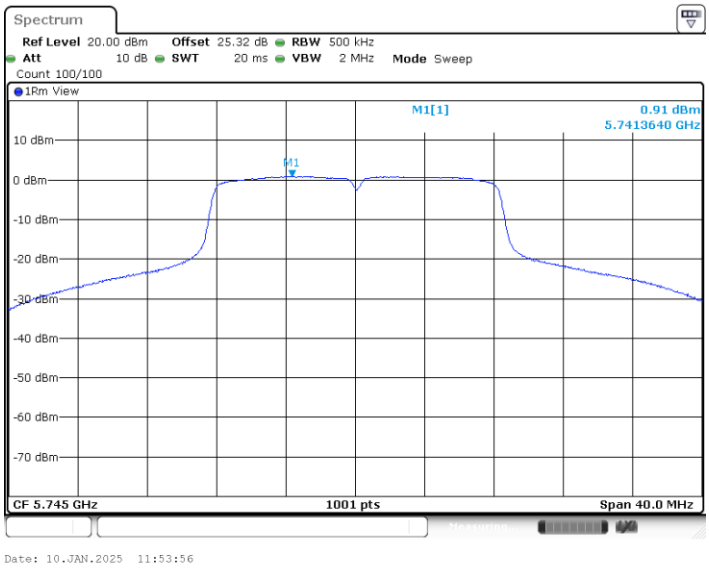
11A-CDD_Ant1_5720_UNII-3



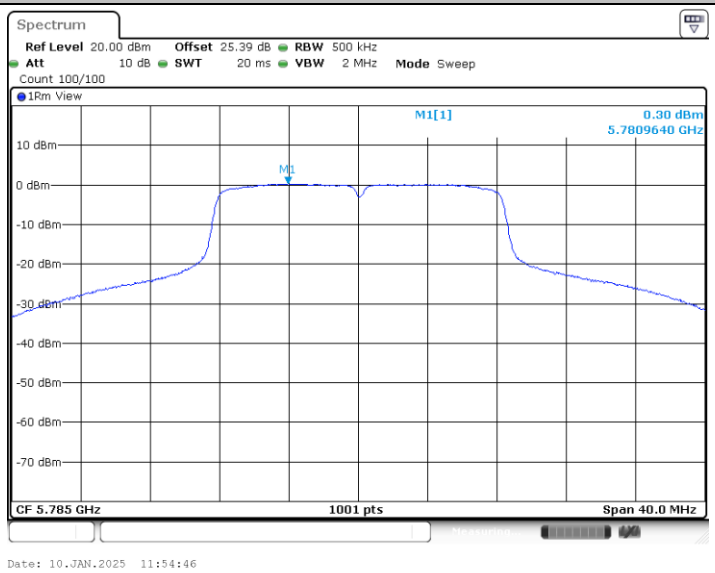
11A-CDD_Ant0_5745



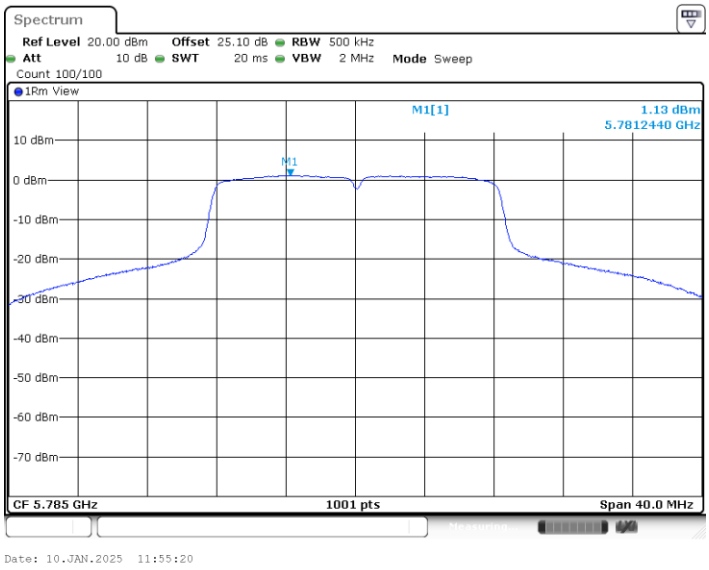
11A-CDD_Ant1_5745



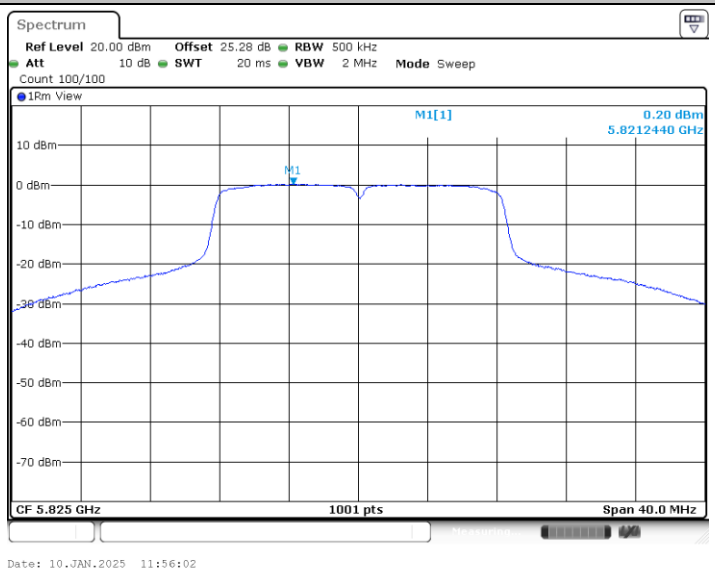
11A-CDD_Ant0_5785



11A-CDD_Ant1_5785



11A-CDD_Ant0_5825



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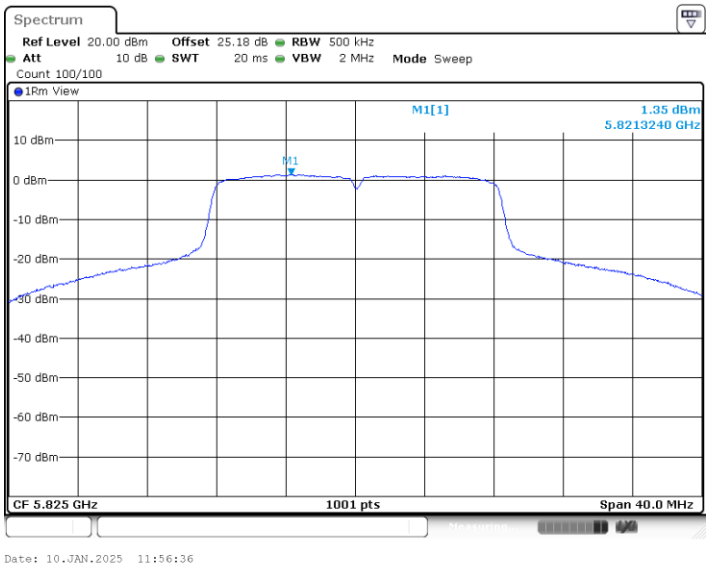
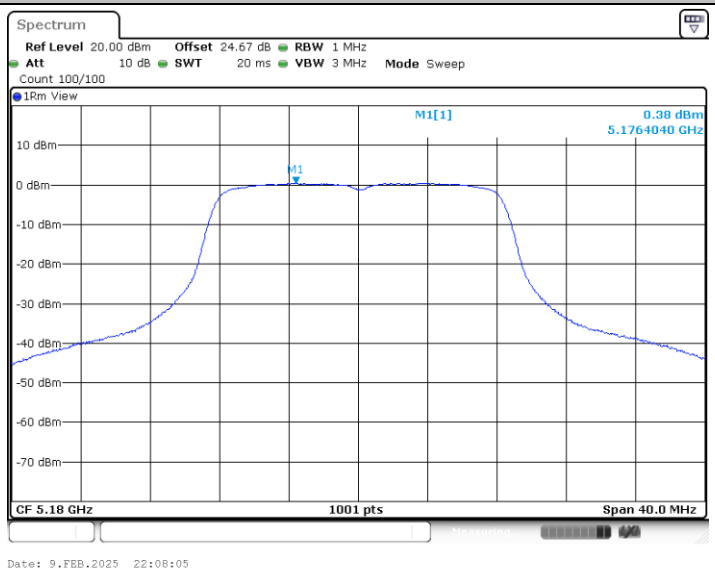


11N20MIMO_Ant0_5180



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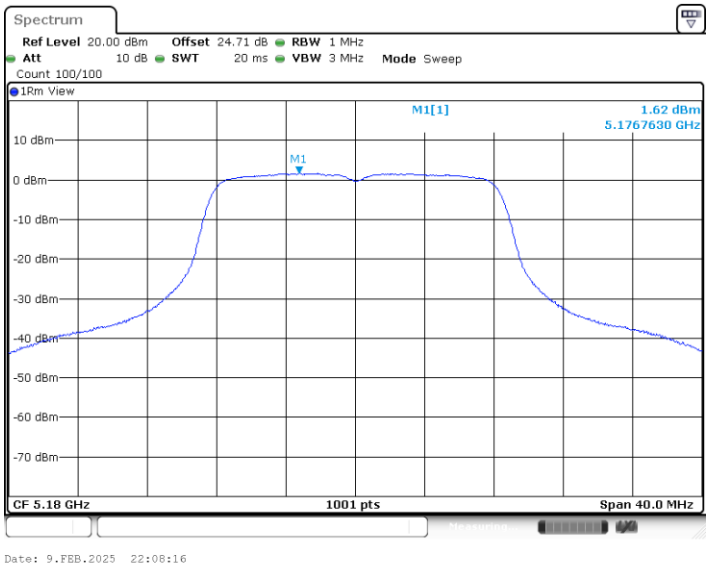
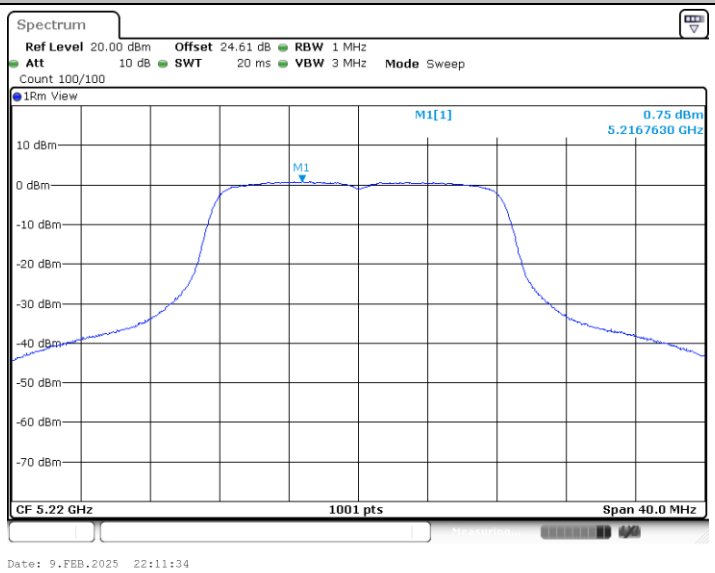


11N20MIMO_Ant0_5220



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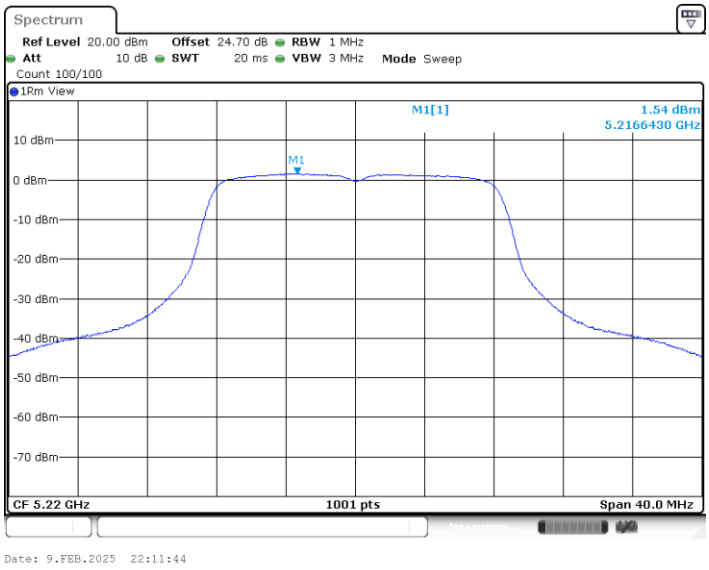

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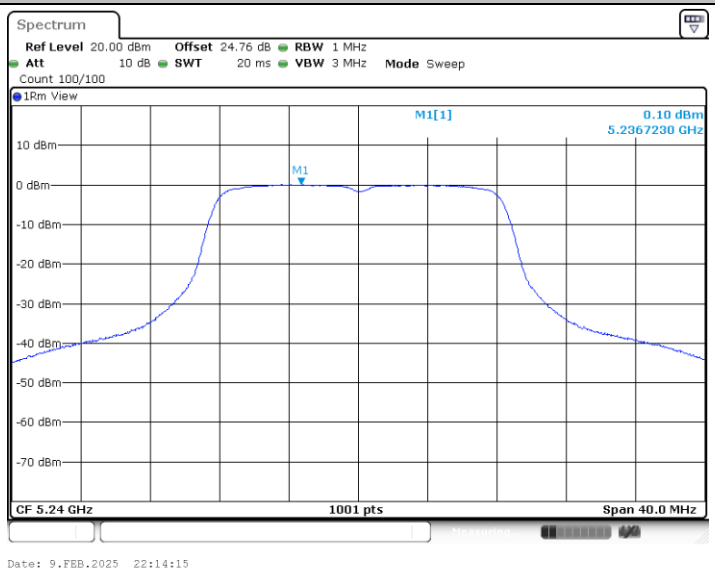
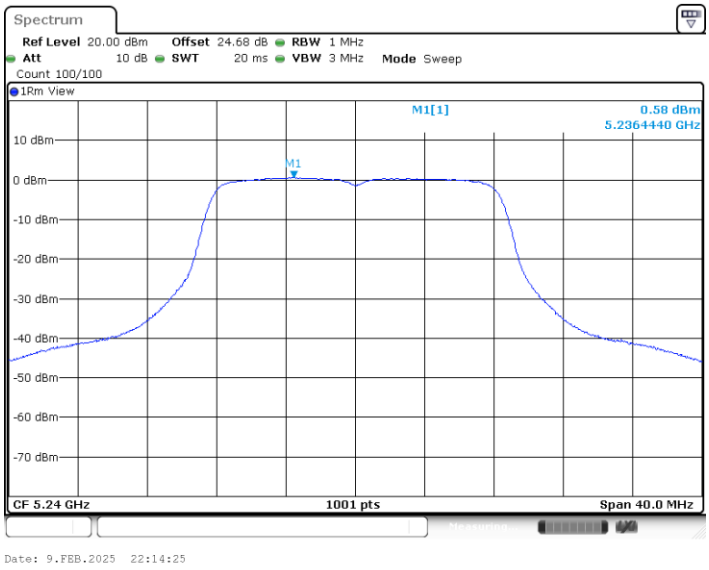


11N20MIMO_Ant1_5240



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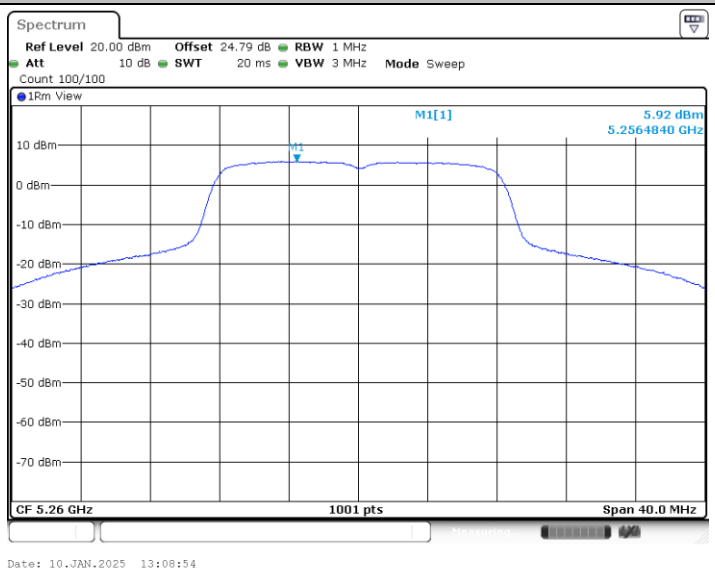

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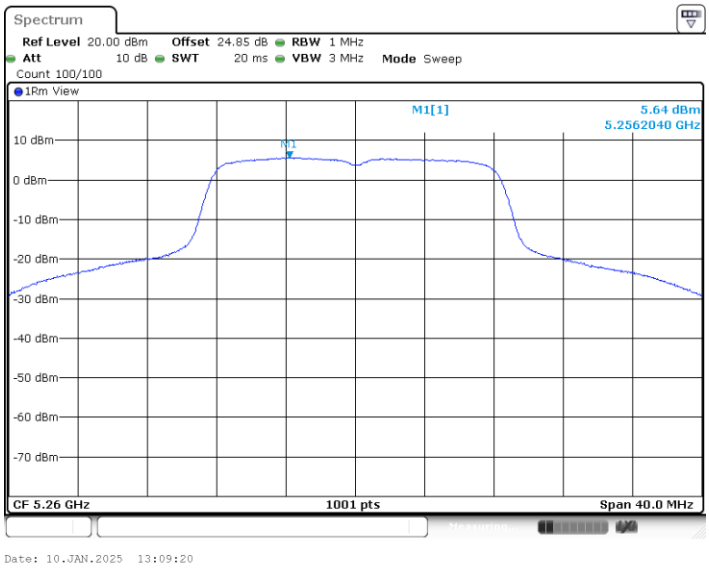

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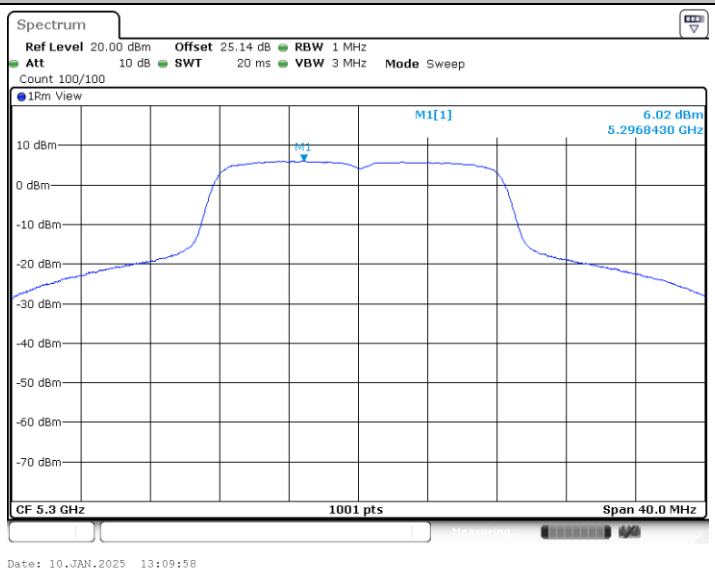

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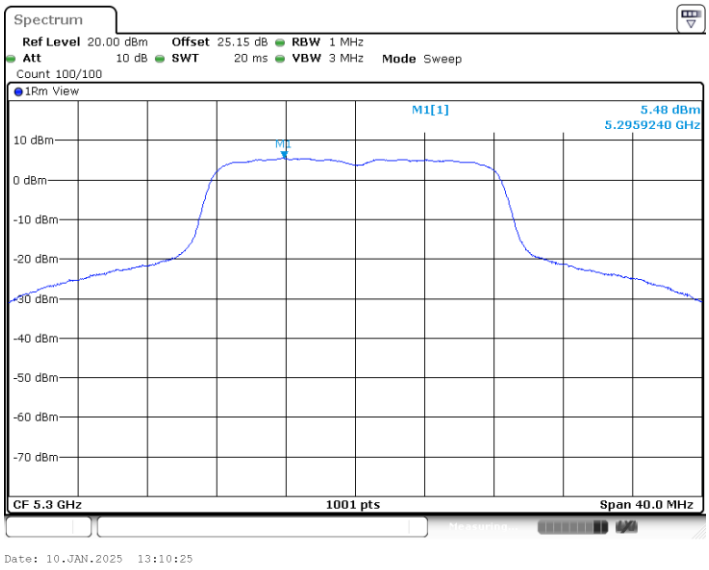

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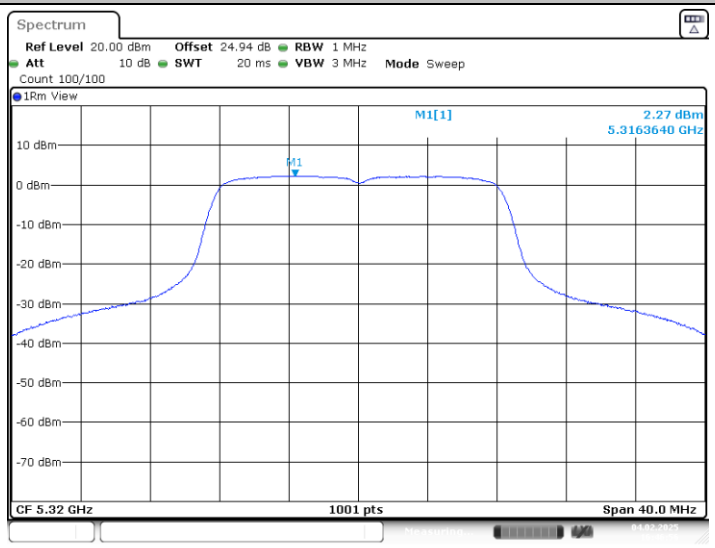

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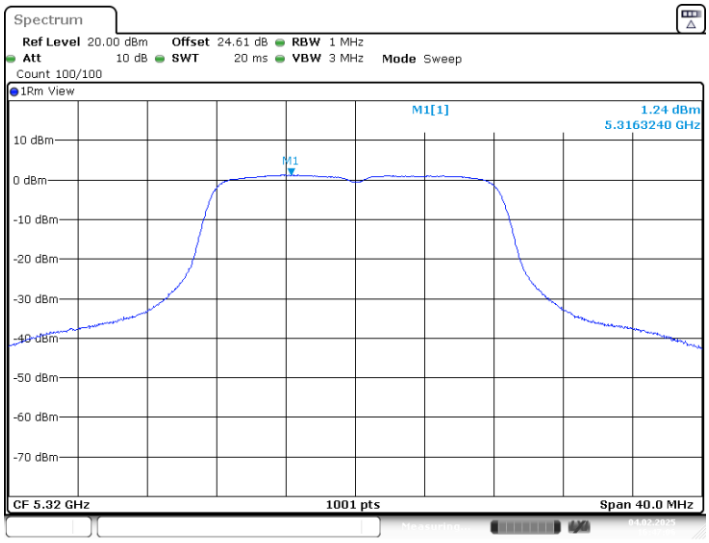

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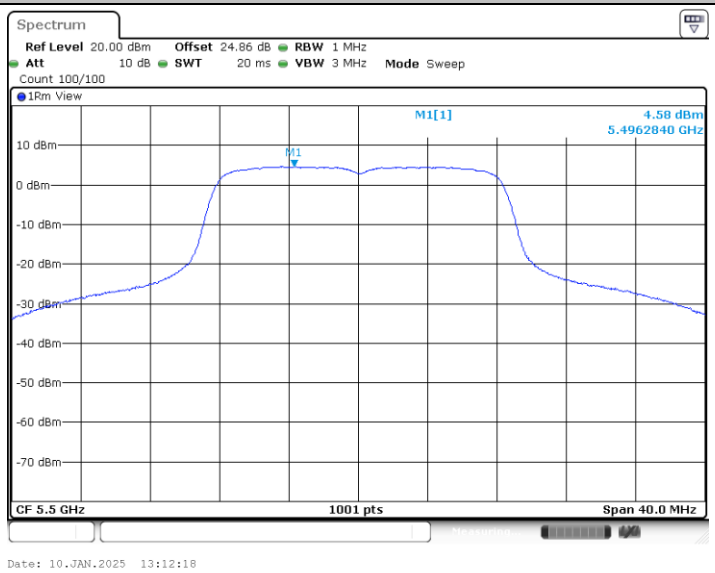
11N20MIMO_Ant0_5500



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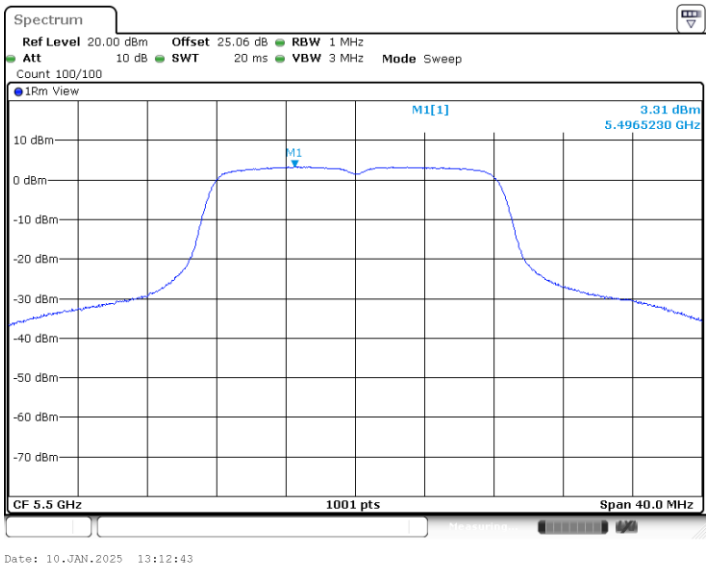
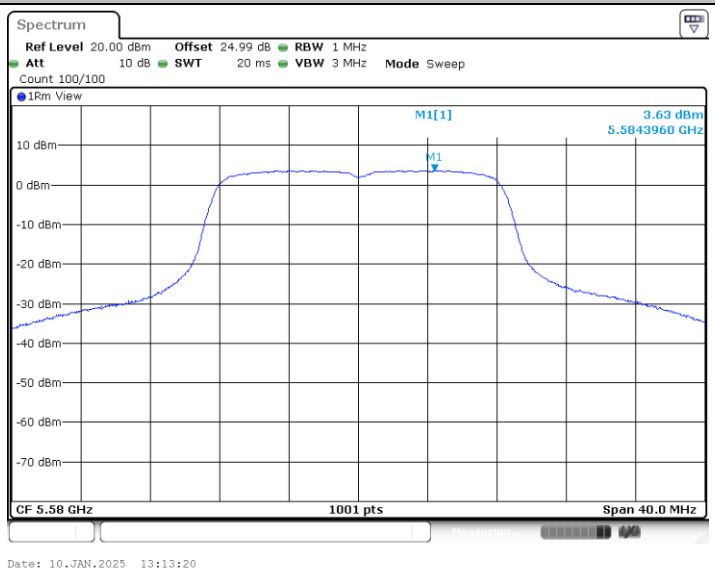


11N20MIMO_Ant0_5580



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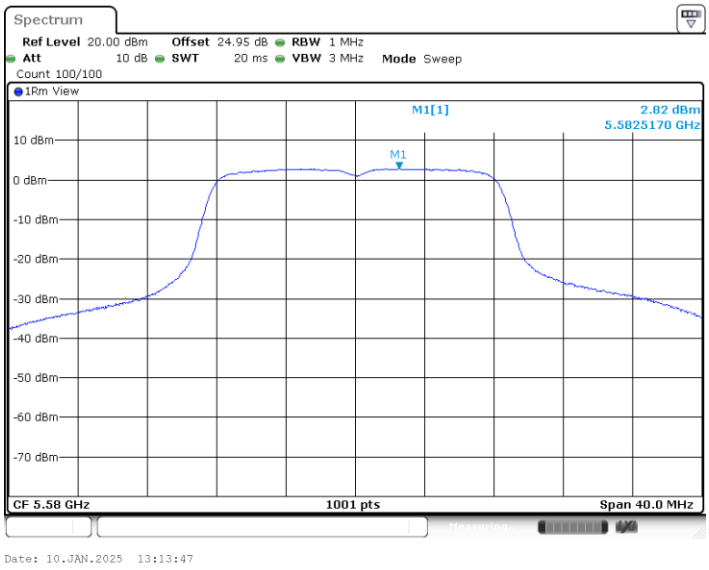

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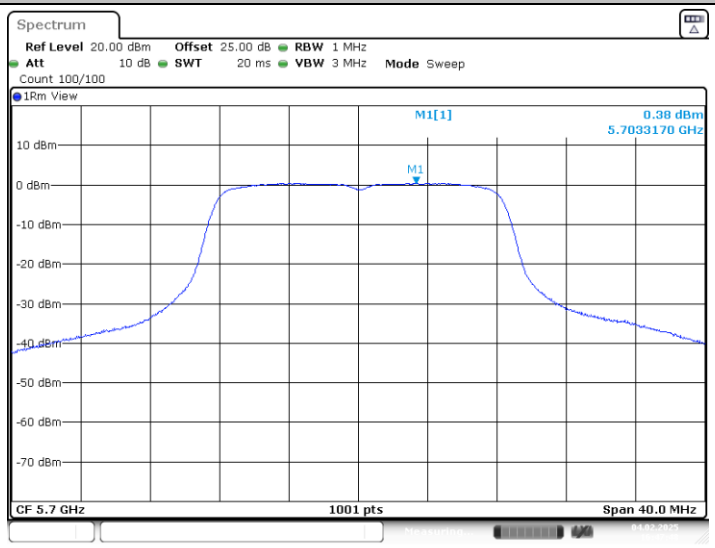

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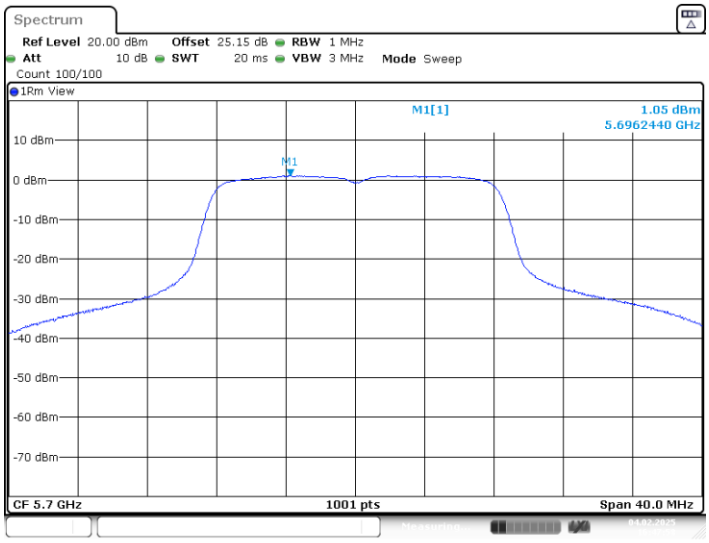

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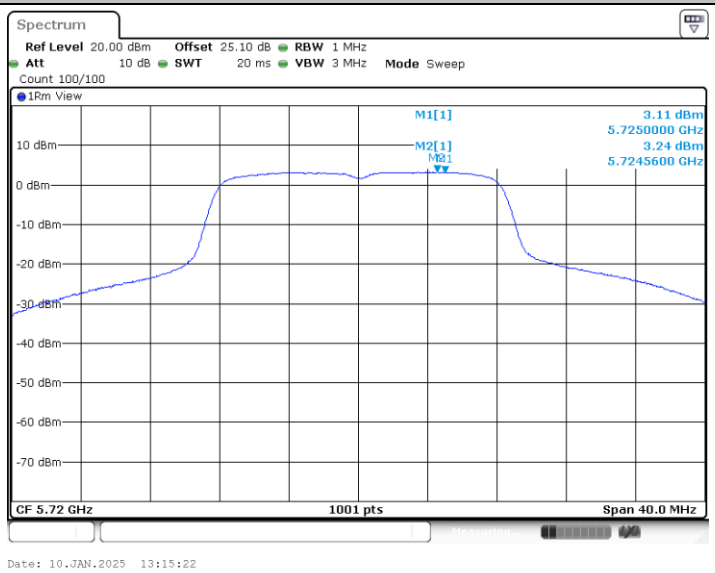
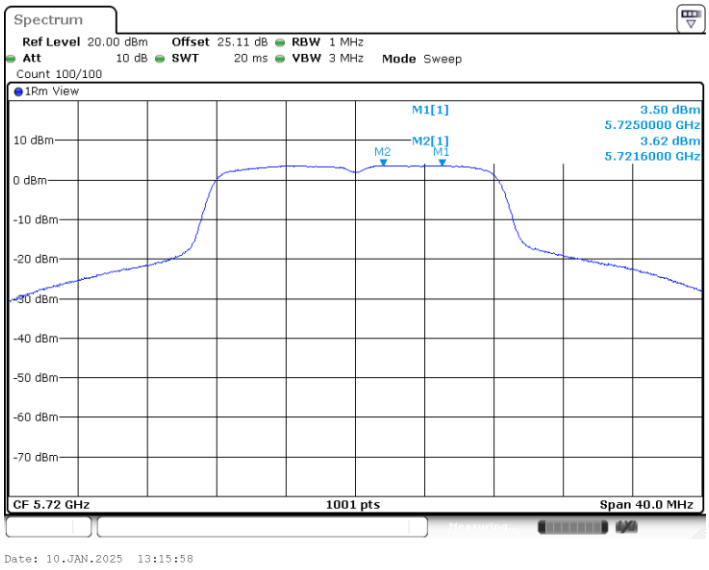
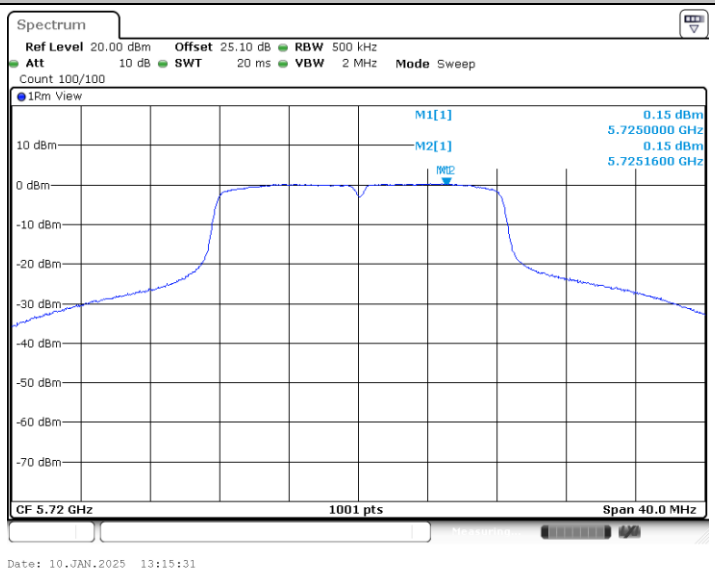
11N20MIMO_Ant0_5720_UNII-2C



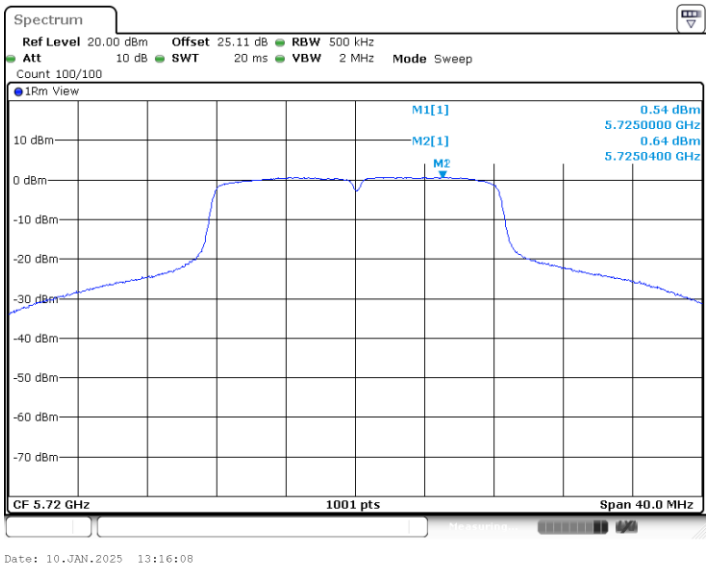
11N20MIMO_Ant1_5720_UNII-2C



11N20MIMO_Ant0_5720_UNII-3



11N20MIMO_Ant1_5720_UNII-3



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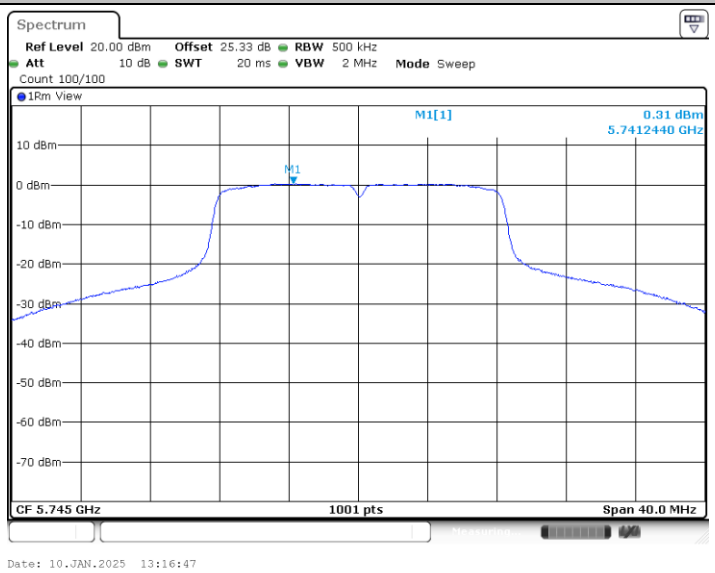

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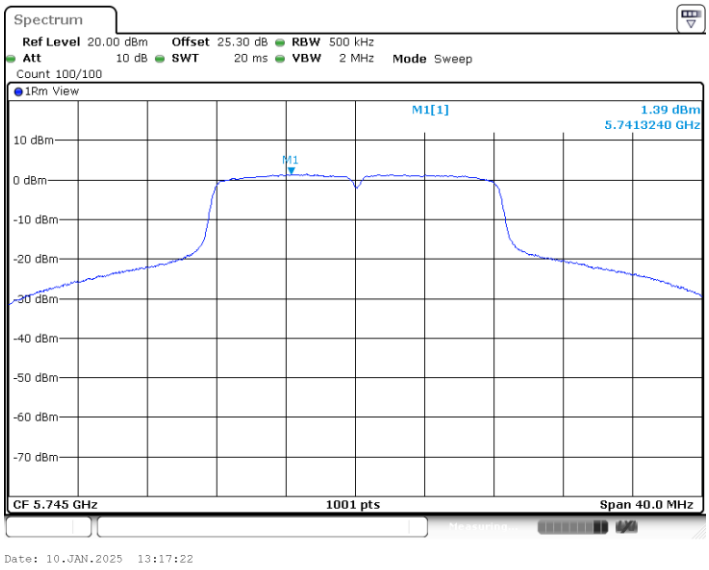
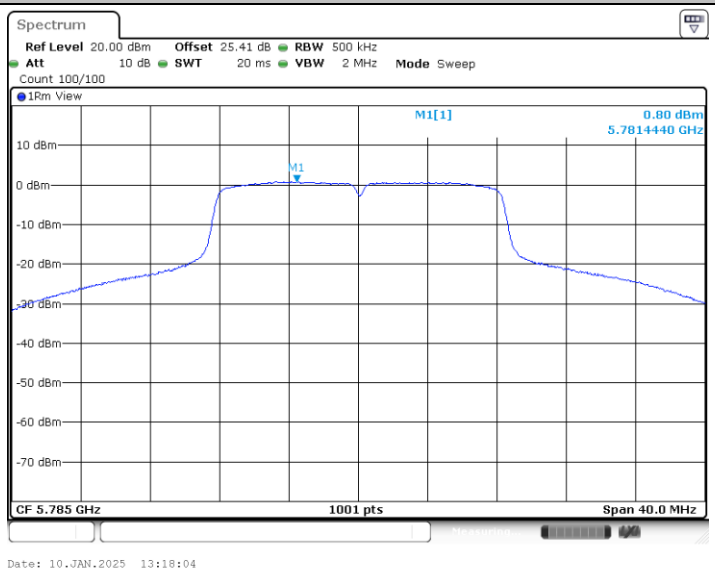


11N20MIMO_Ant0_5785



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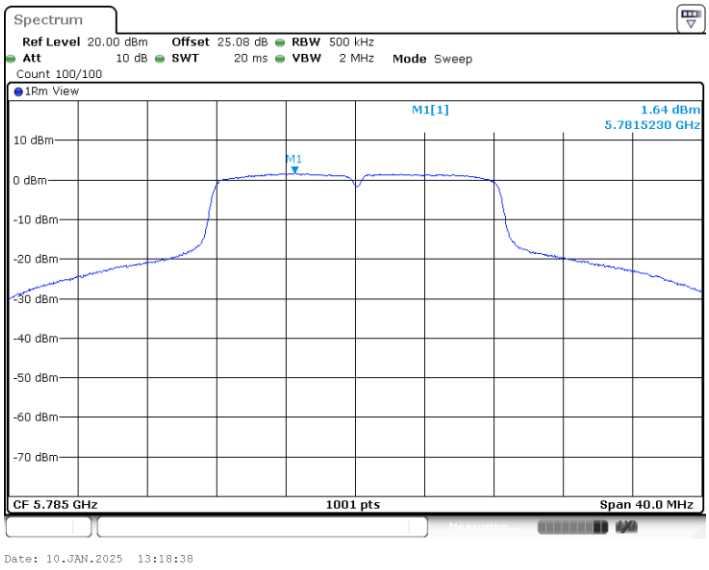

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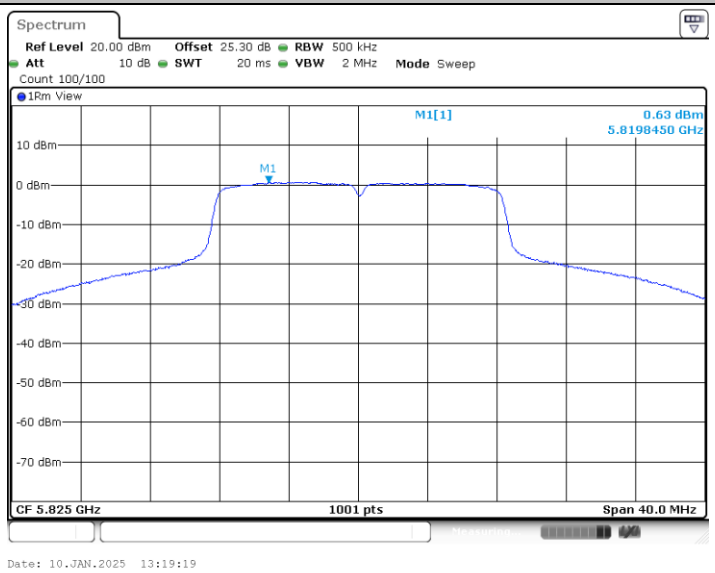

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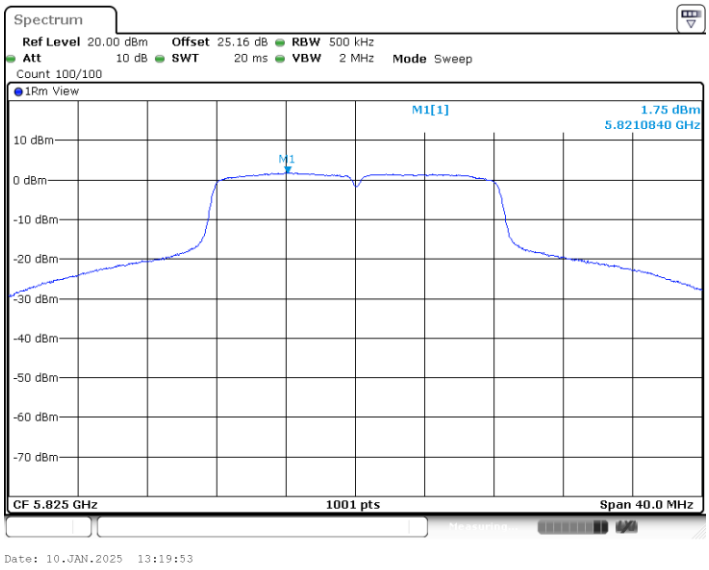
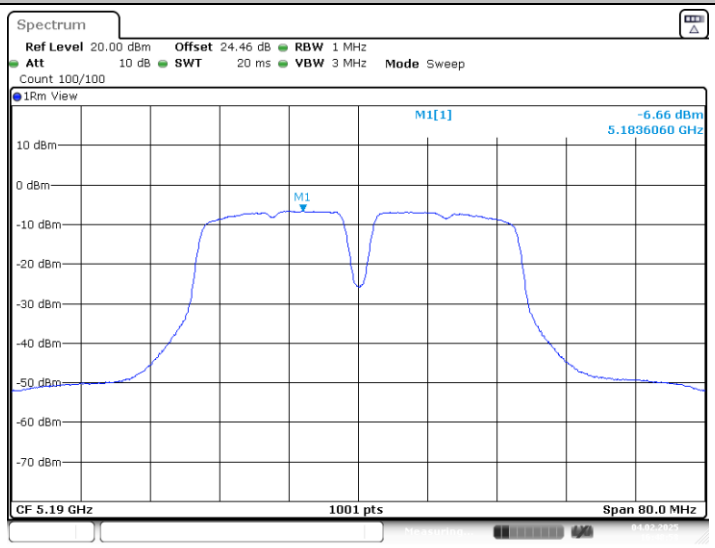


11N40MIMO_Ant0_5190



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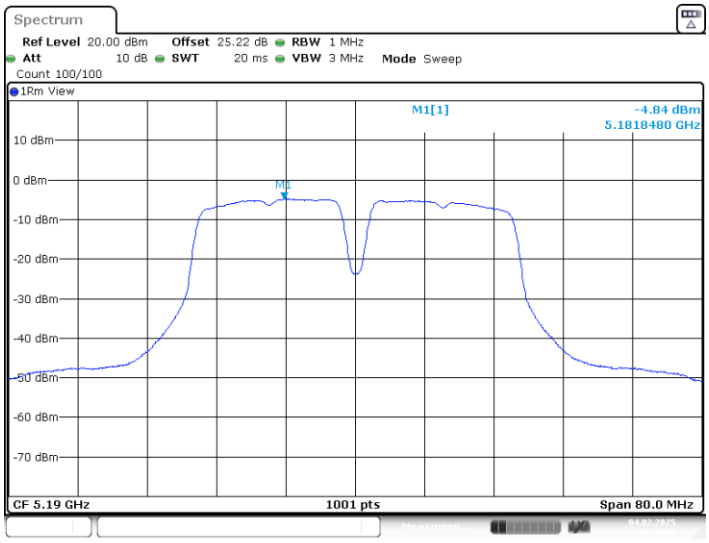
11N40MIMO_Ant1_5190



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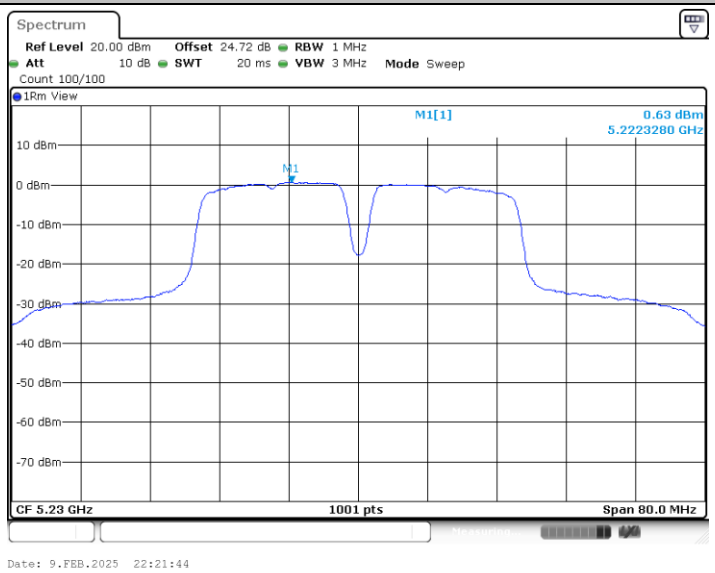
11N40MIMO_Ant0_5230



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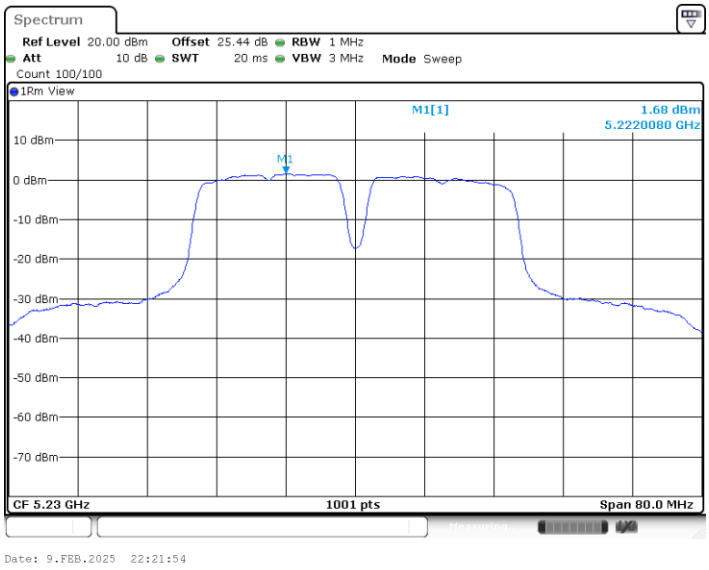

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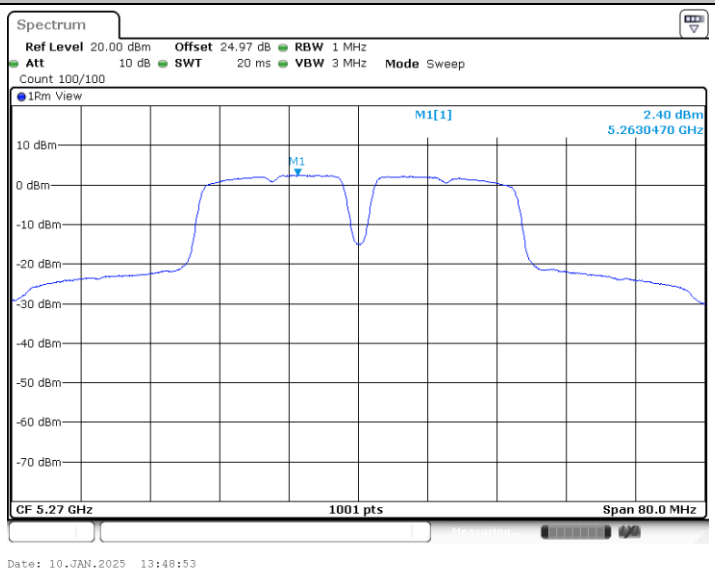

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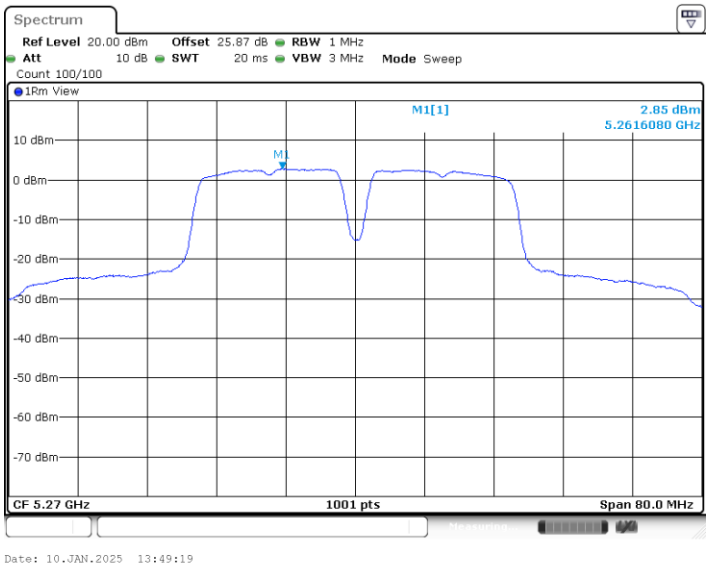
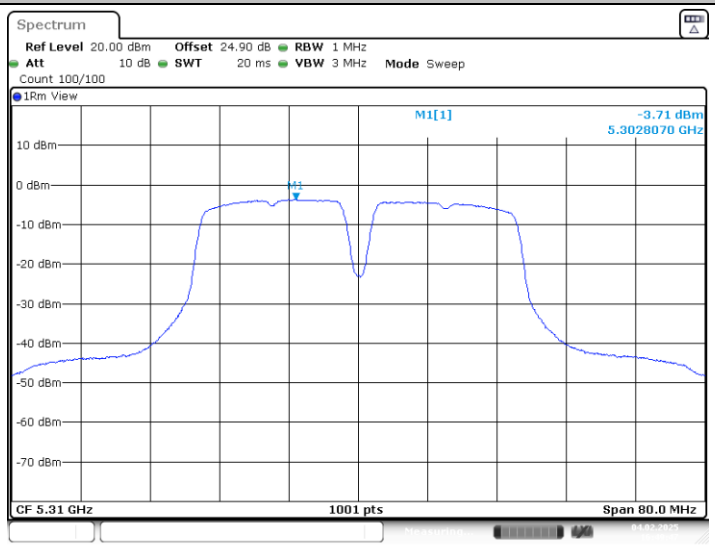


11N40MIMO_Ant0_5310



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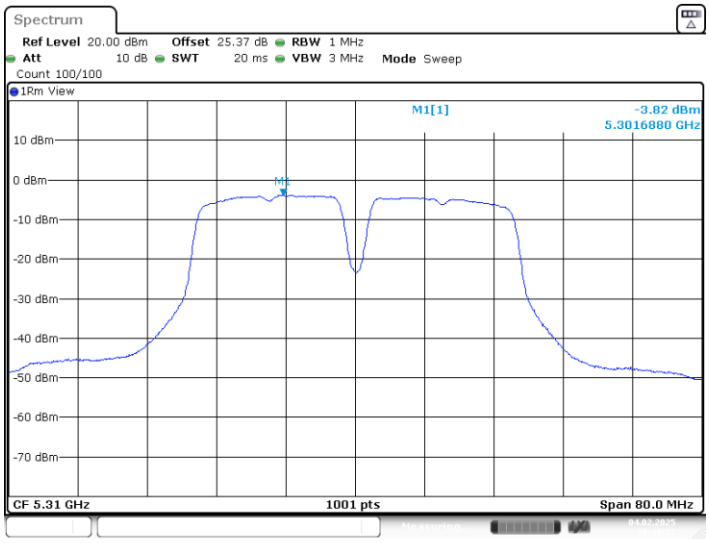

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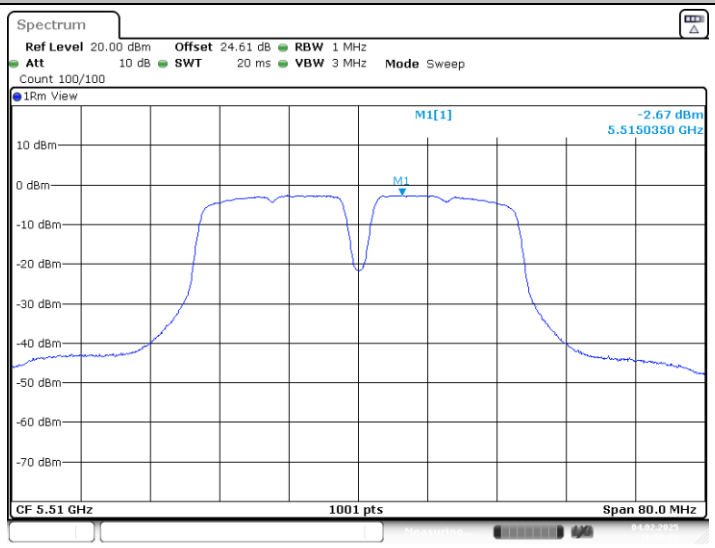

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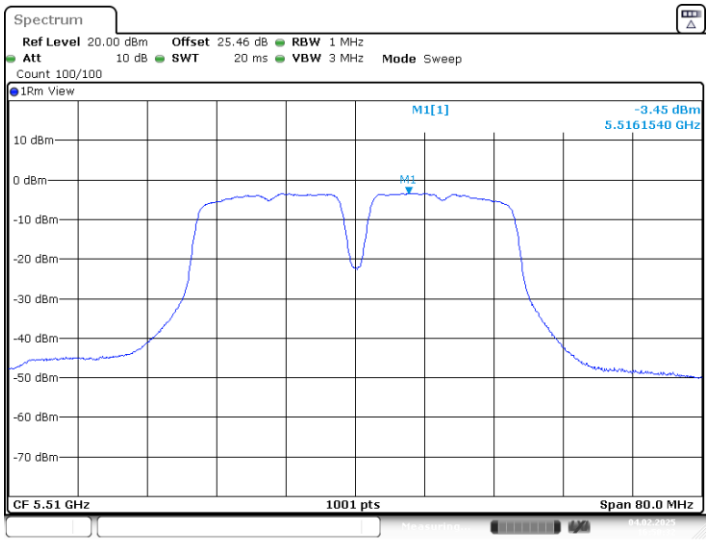

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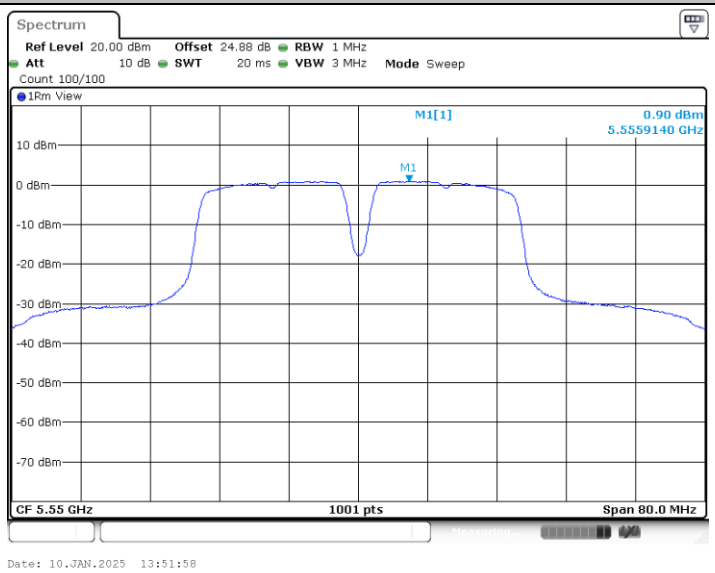
11N40MIMO_Ant0_5550



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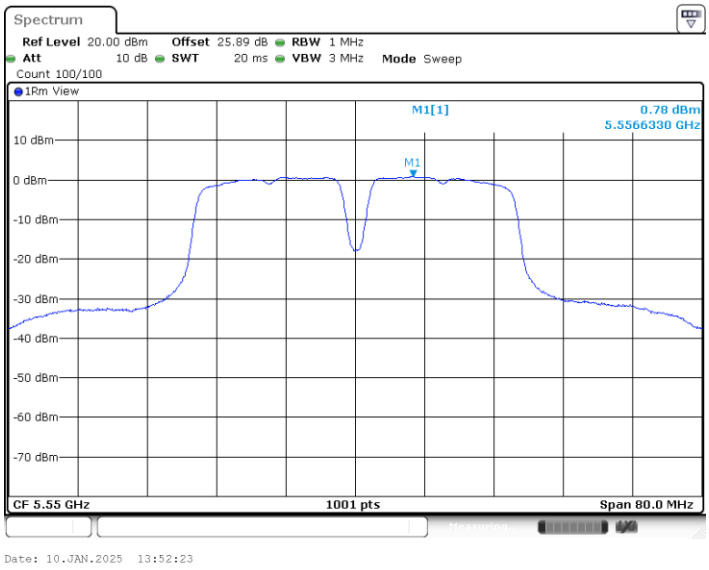
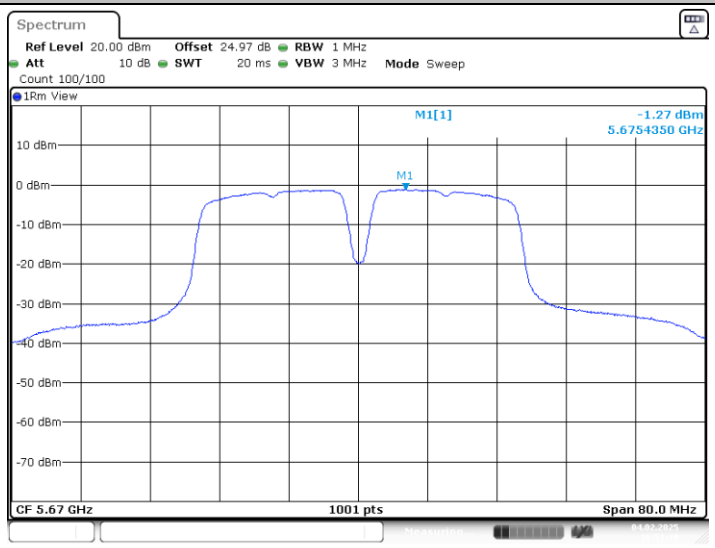


11N40MIMO_Ant0_5670



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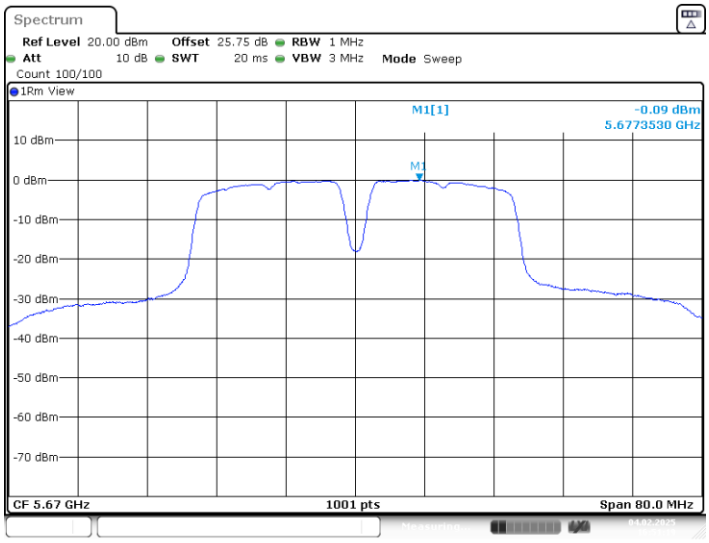

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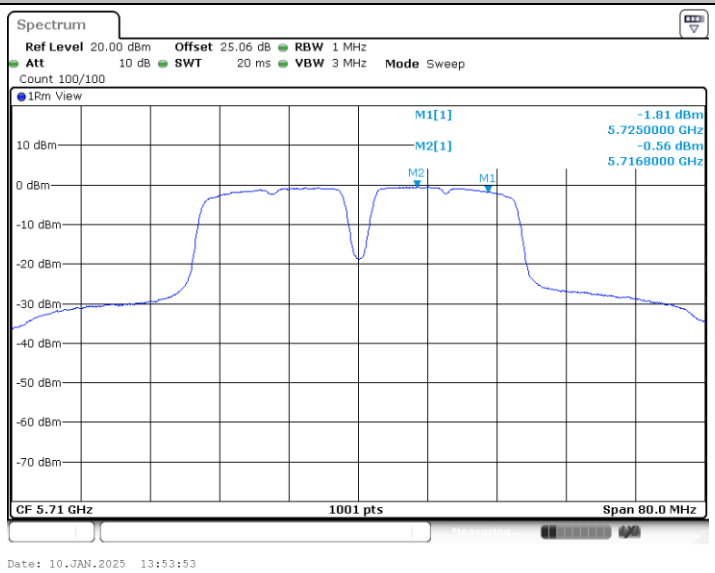
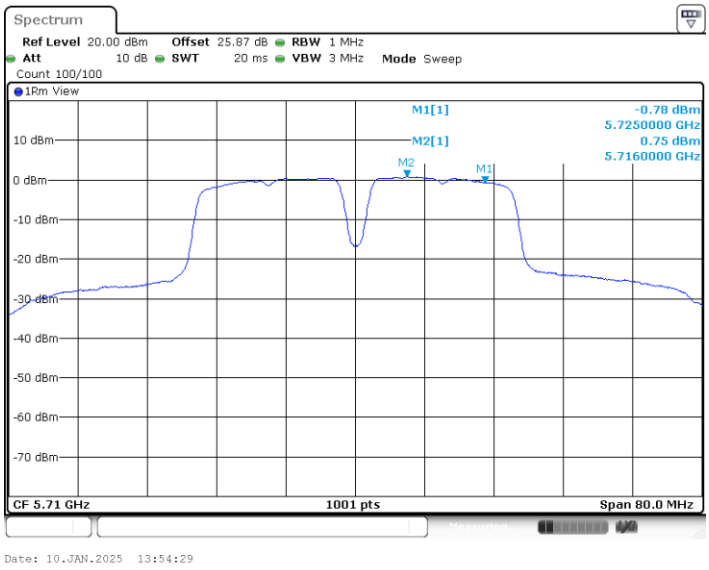
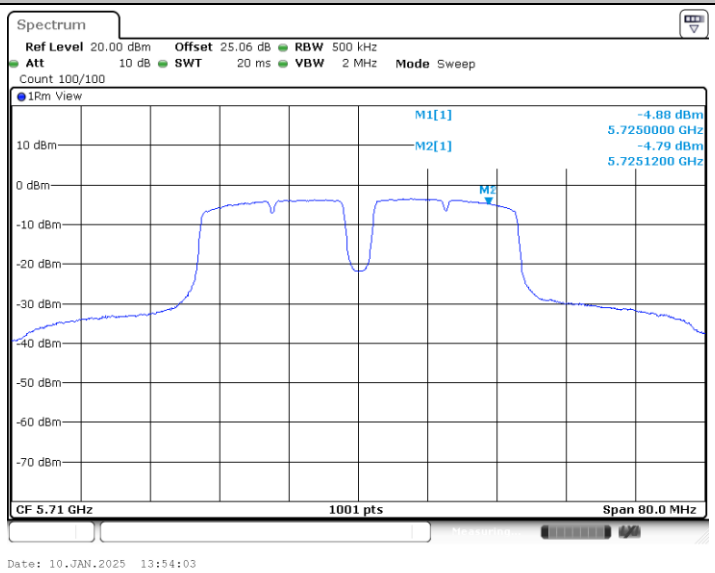
11N40MIMO_Ant0_5710_UNII-2C



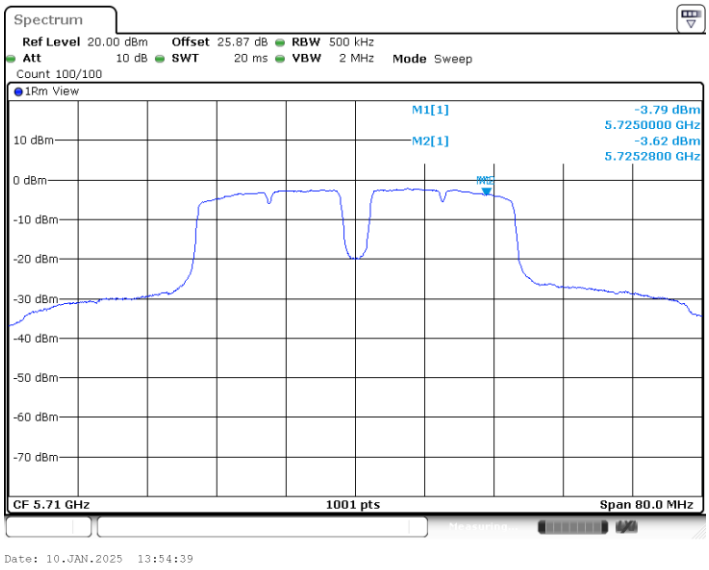
11N40MIMO_Ant1_5710_UNII-2C



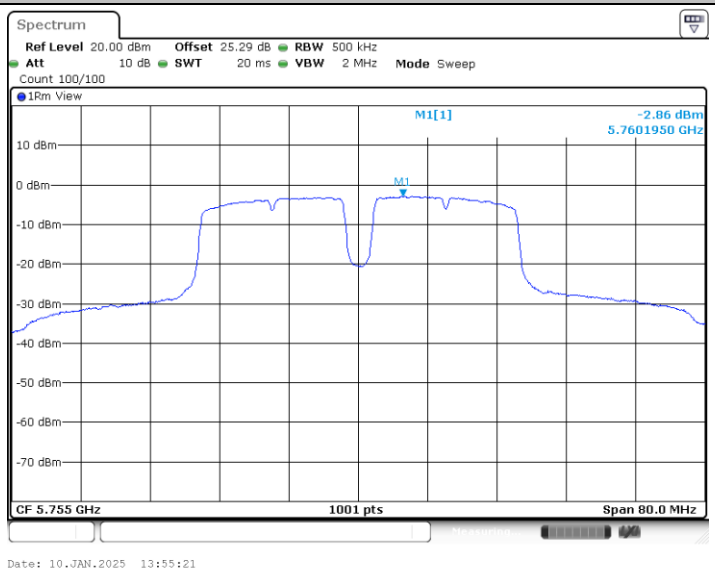
11N40MIMO_Ant0_5710_UNII-3



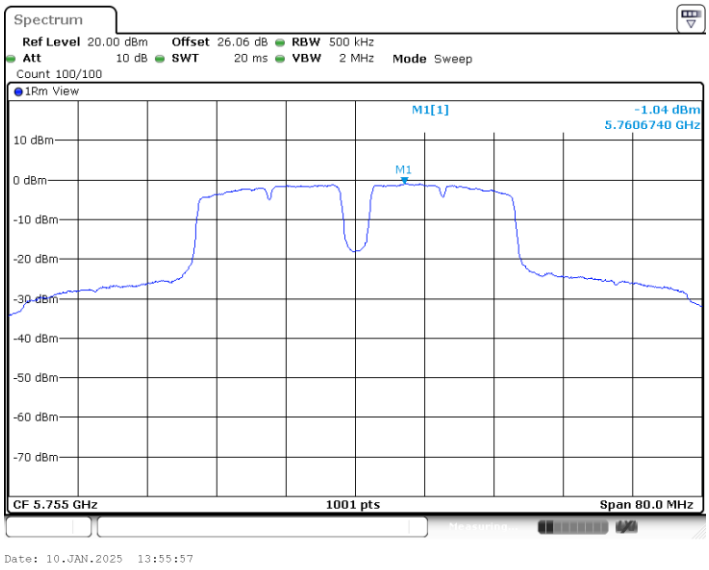
11N40MIMO_Ant1_5710_UNII-3



11N40MIMO_Ant0_5755



11N40MIMO_Ant1_5755



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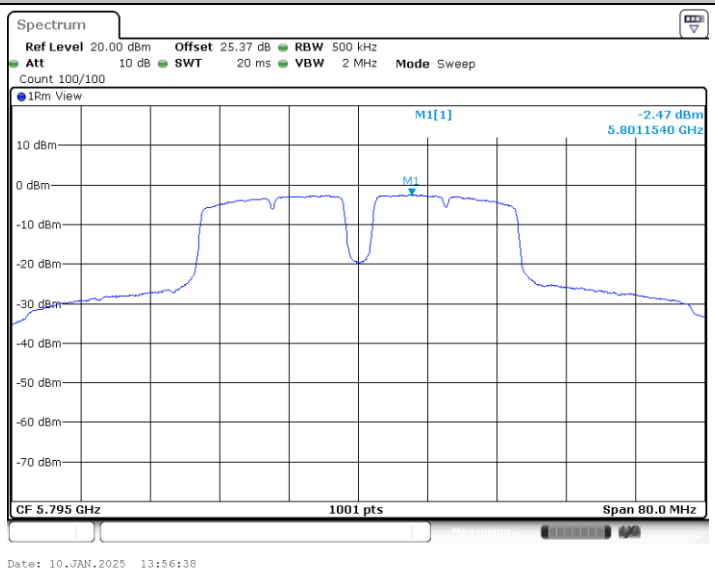

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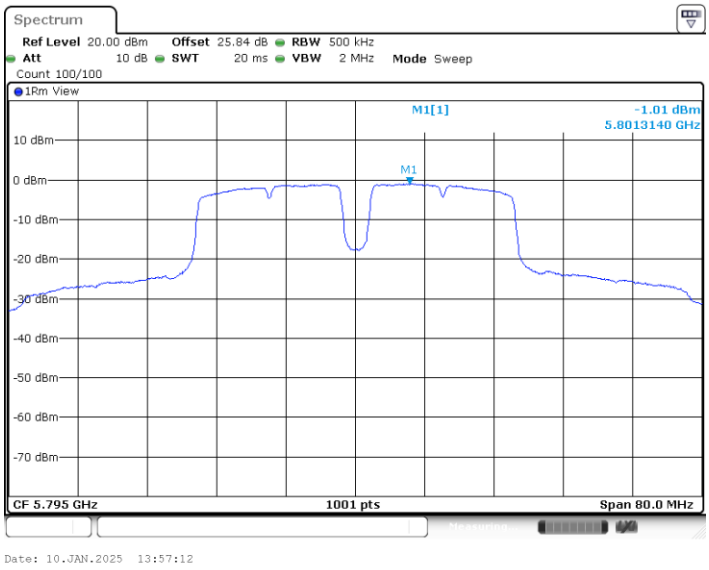

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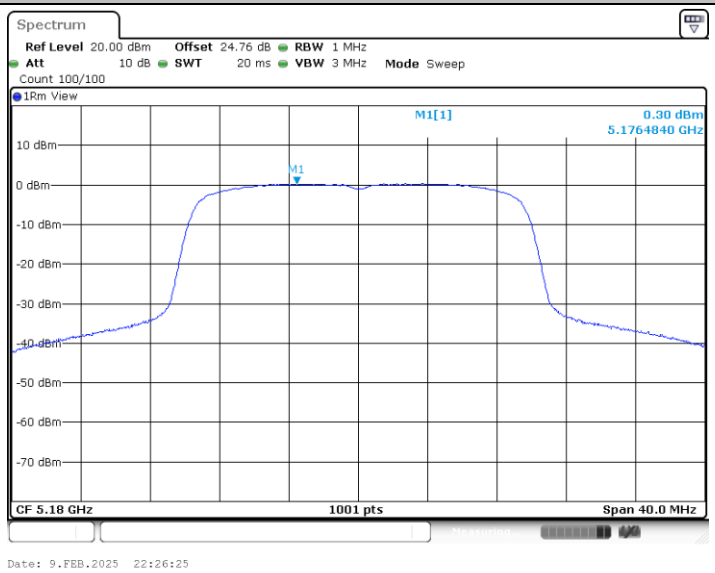

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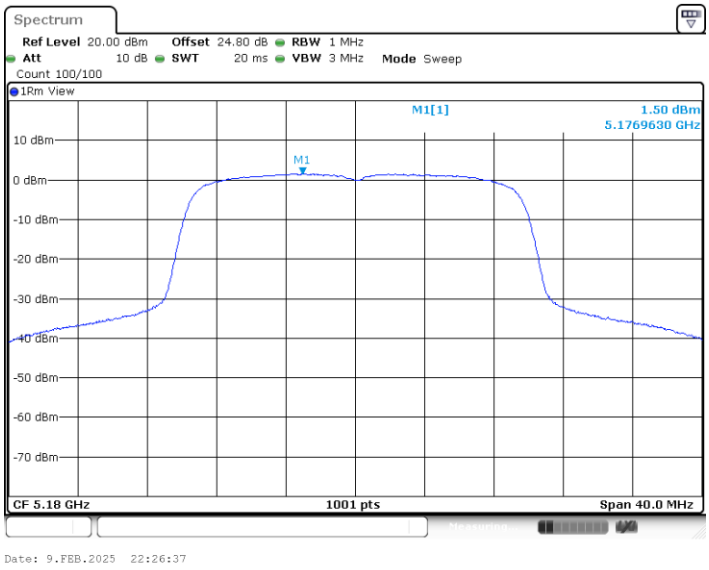

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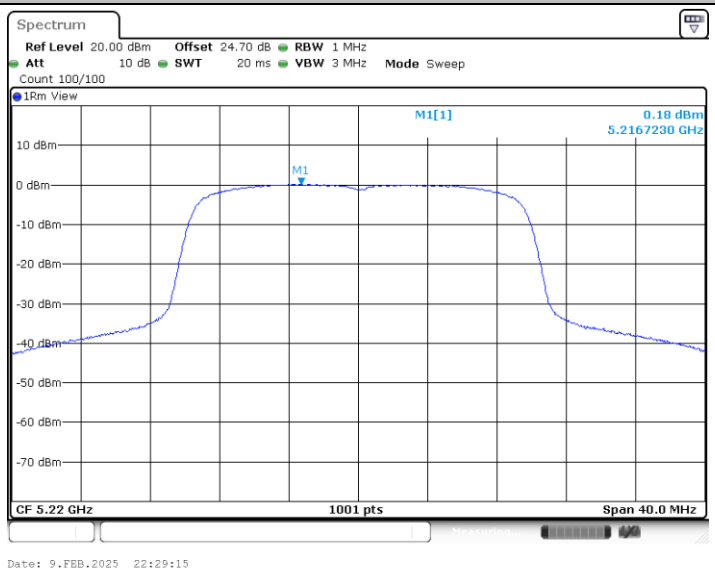

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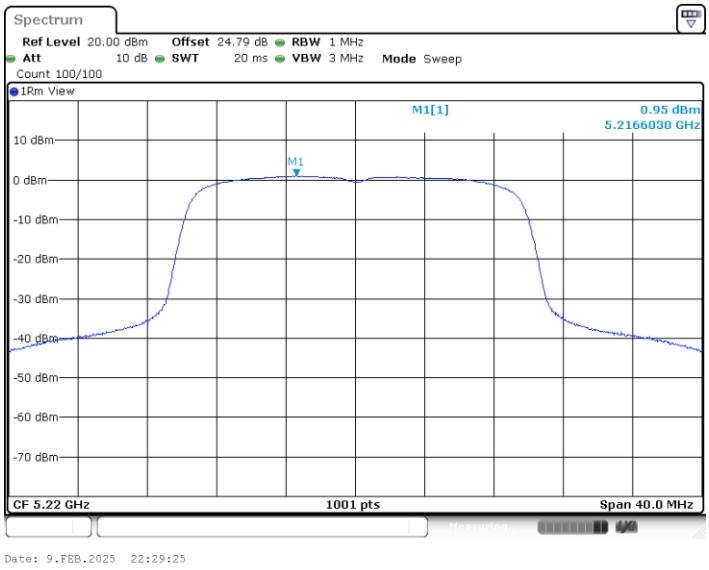

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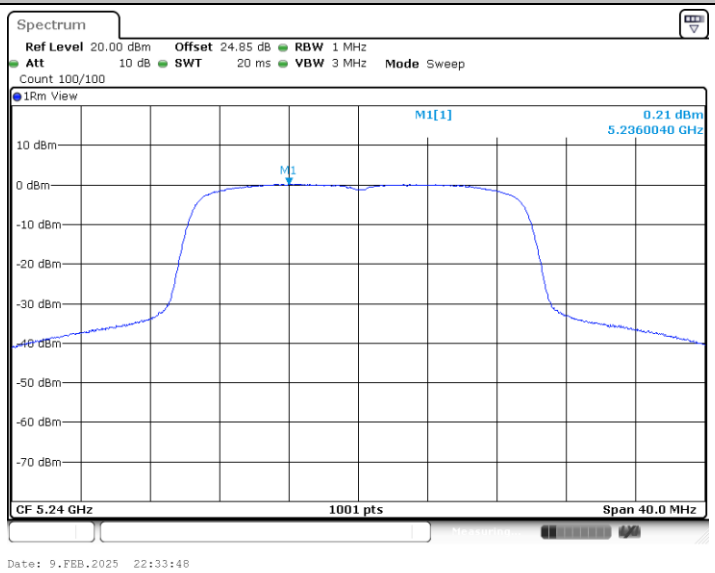

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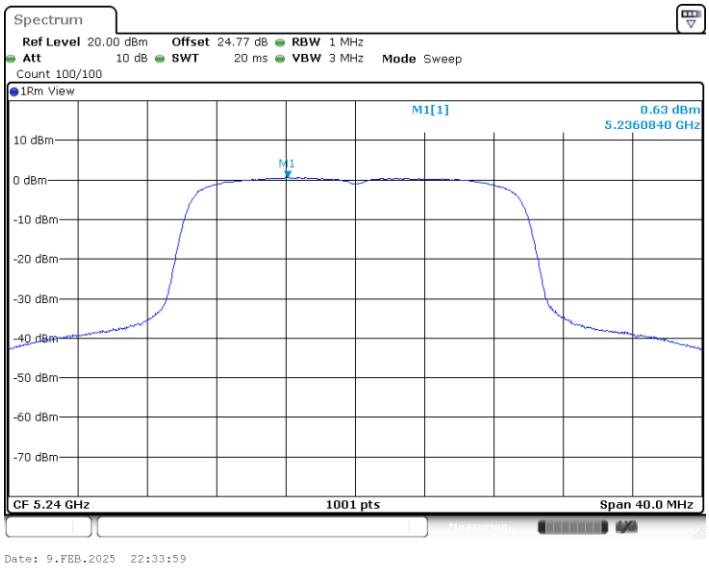

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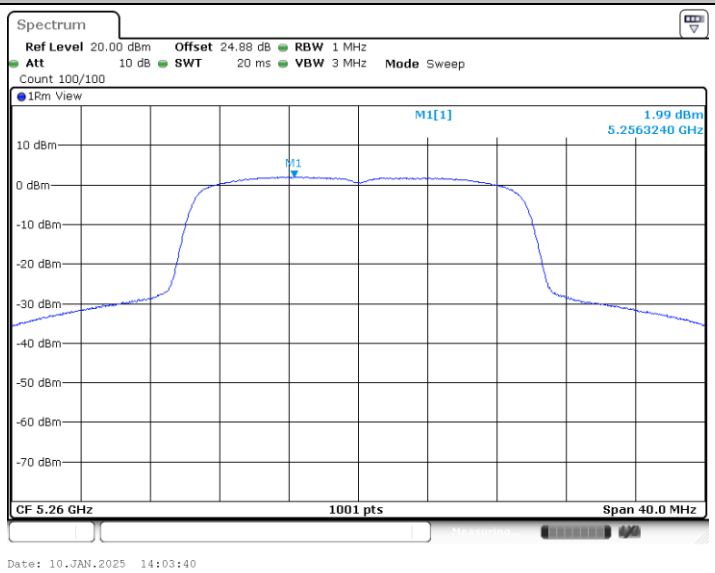

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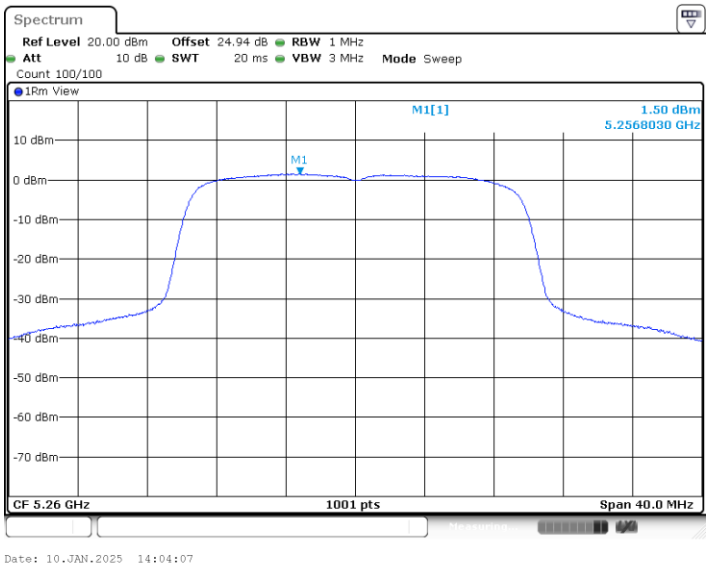

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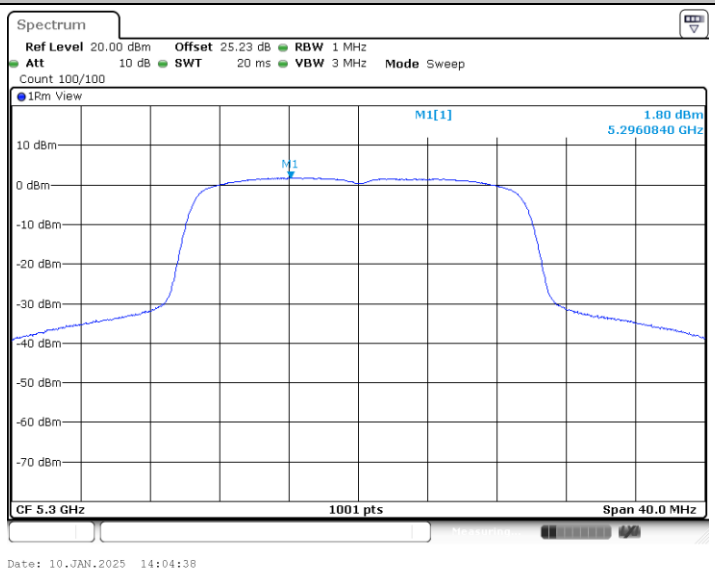

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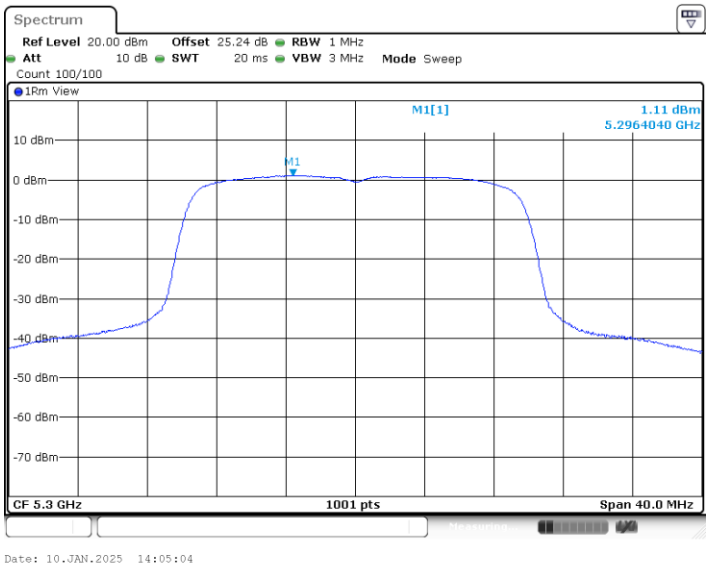

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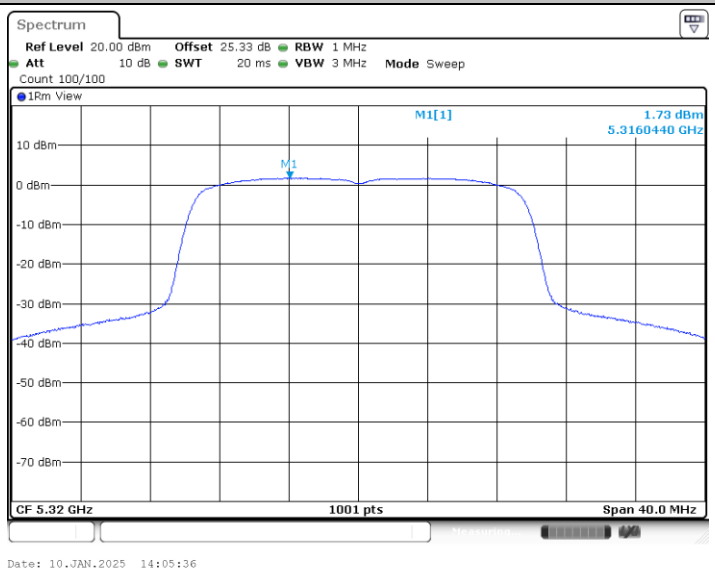

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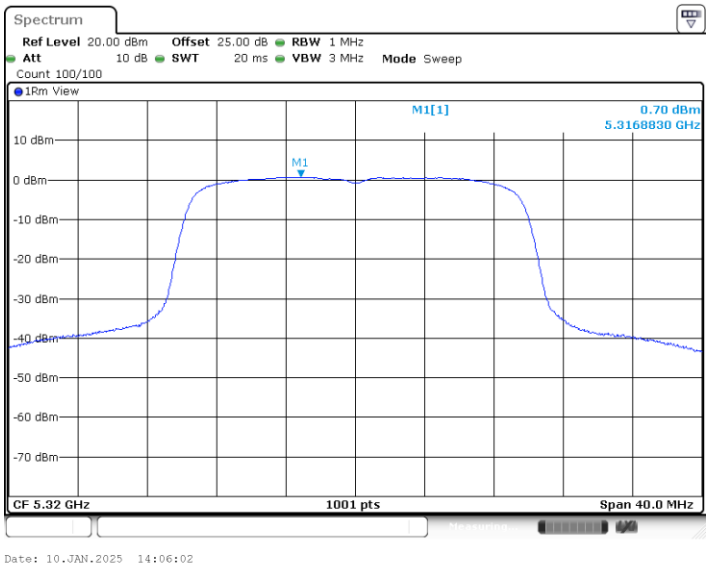

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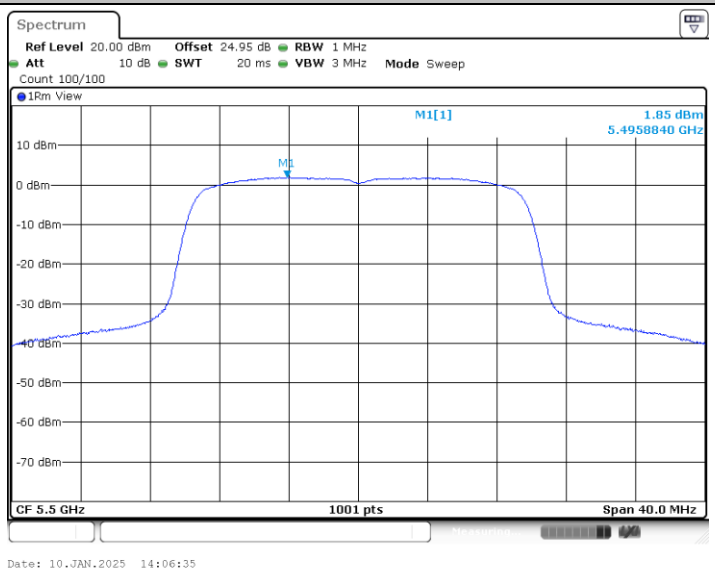

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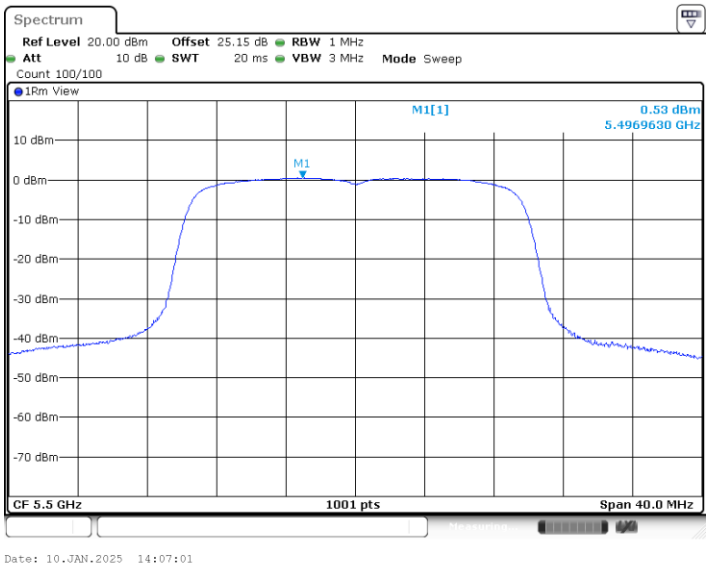

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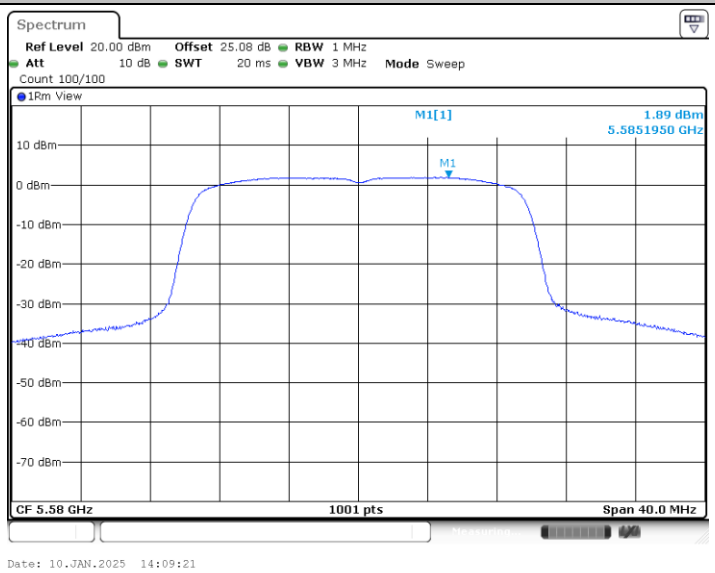

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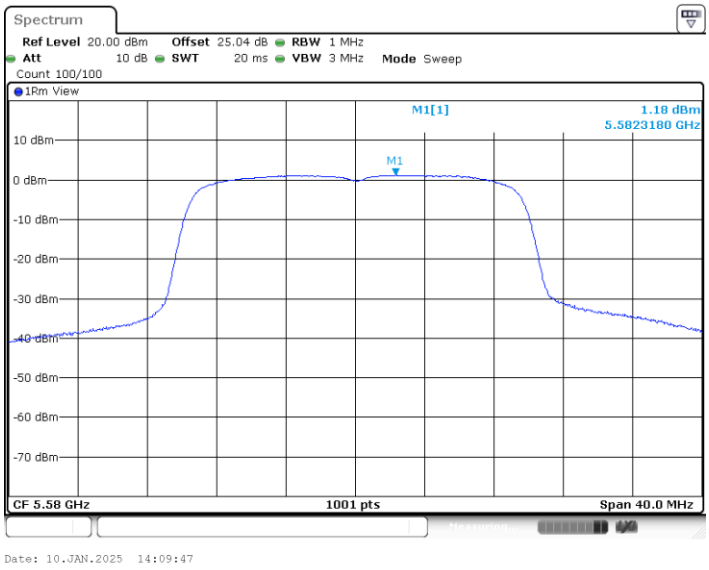

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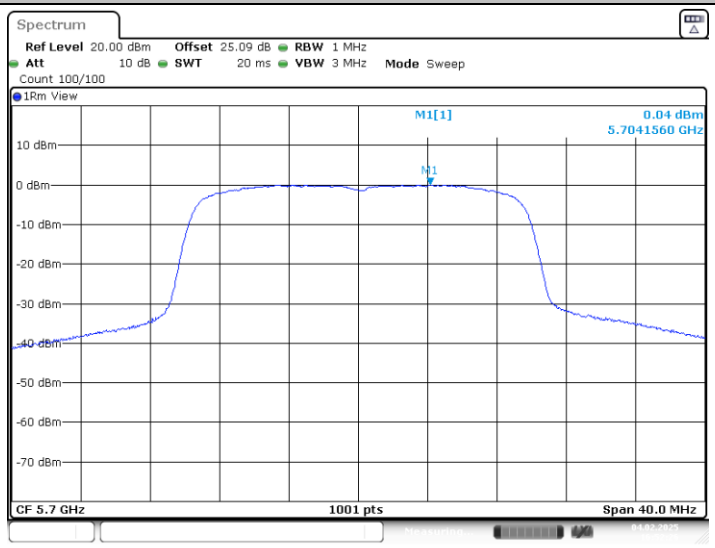

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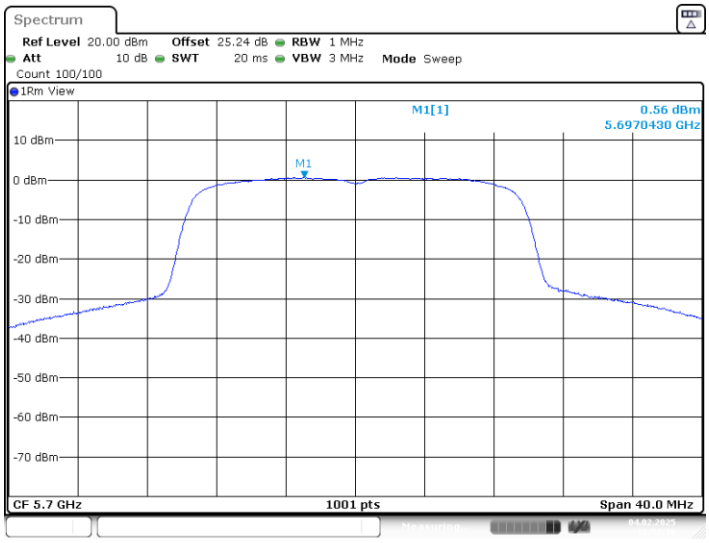

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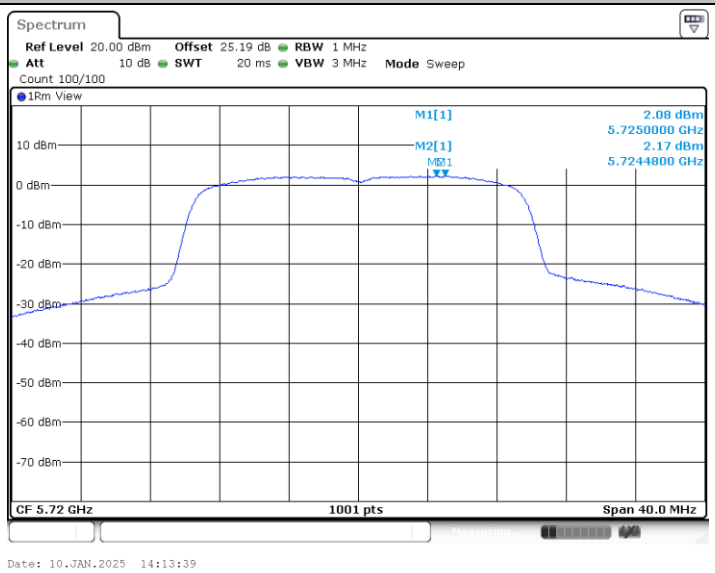

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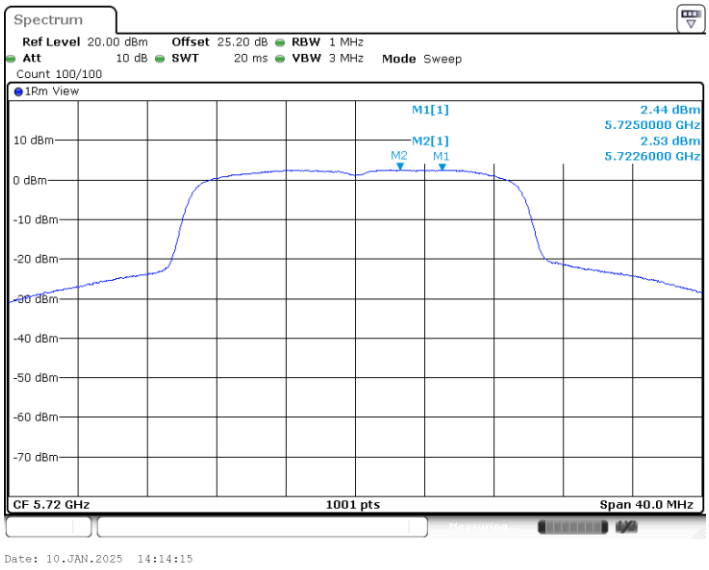

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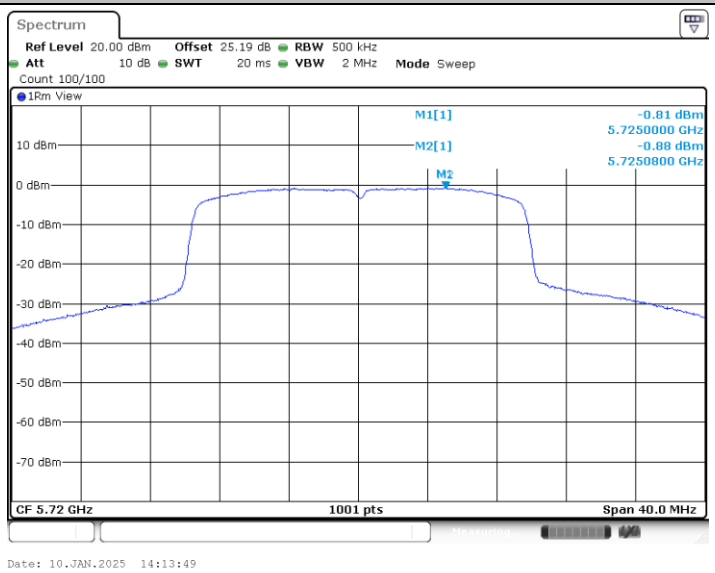

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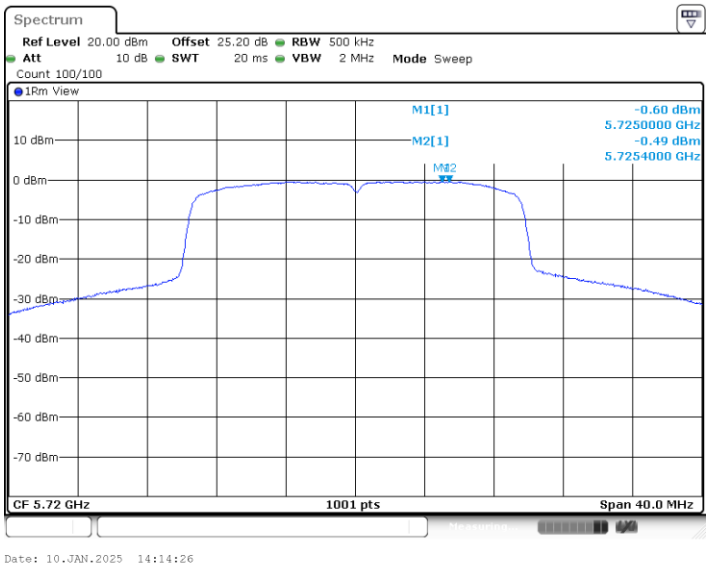

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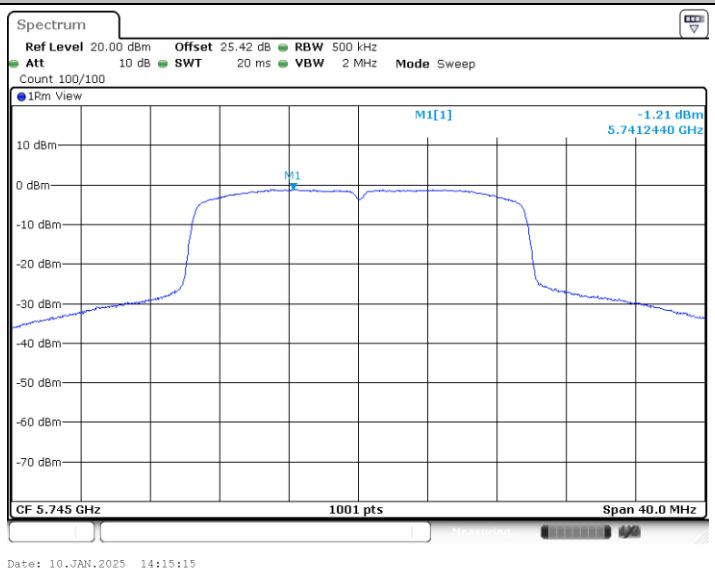

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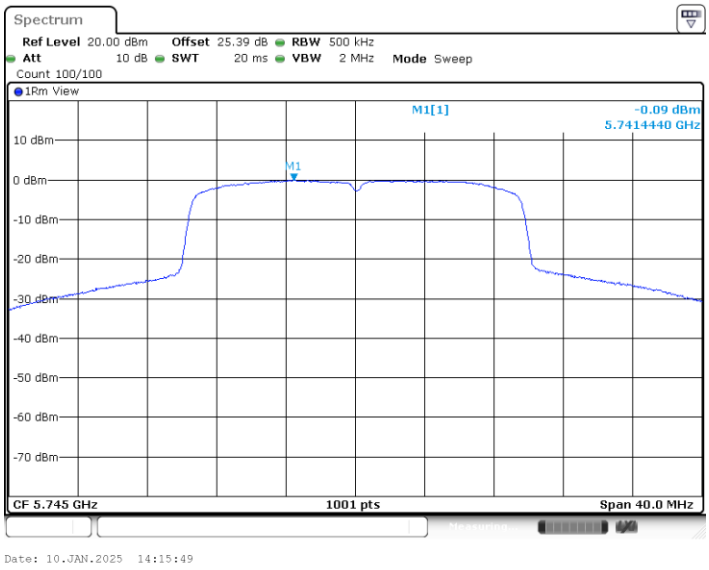

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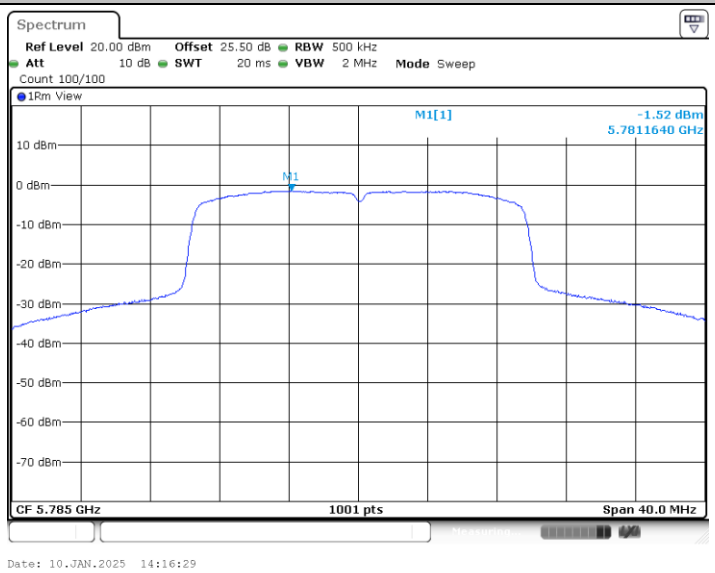

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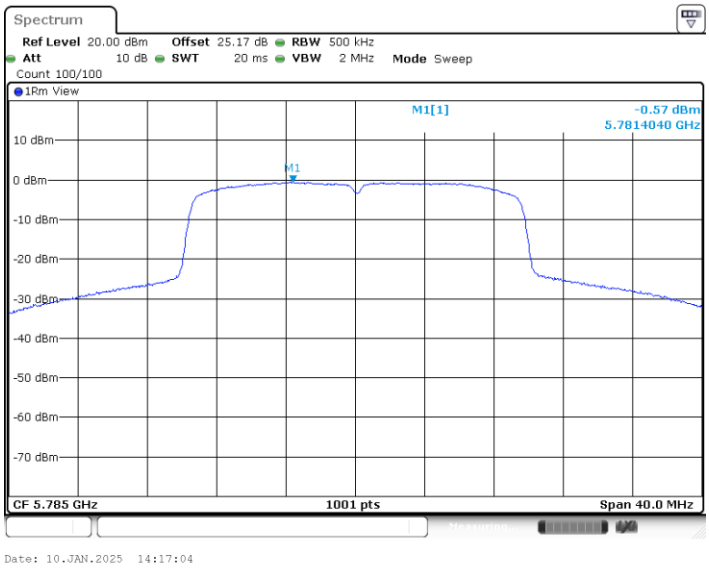

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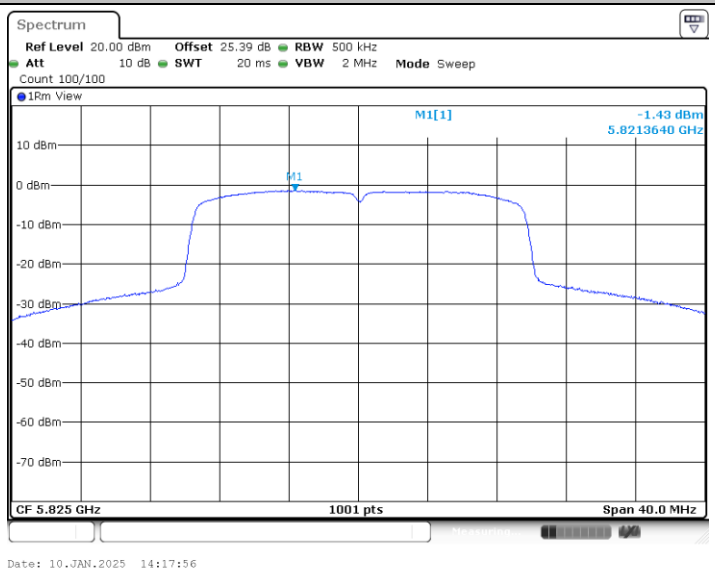

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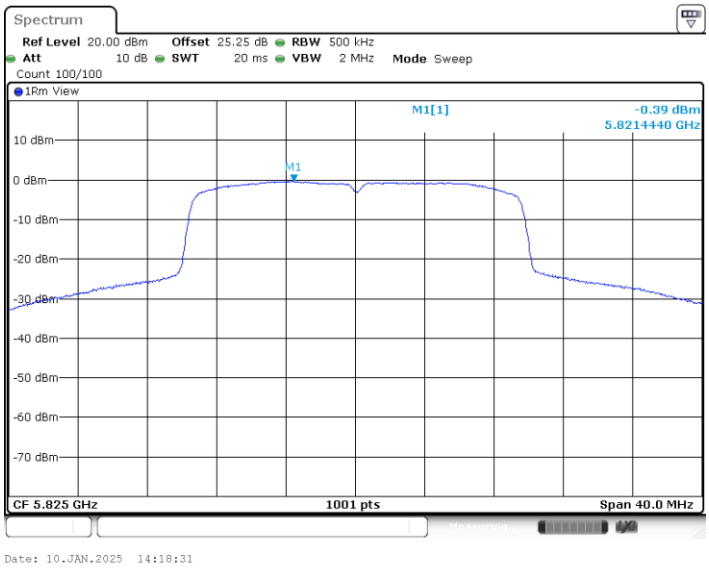

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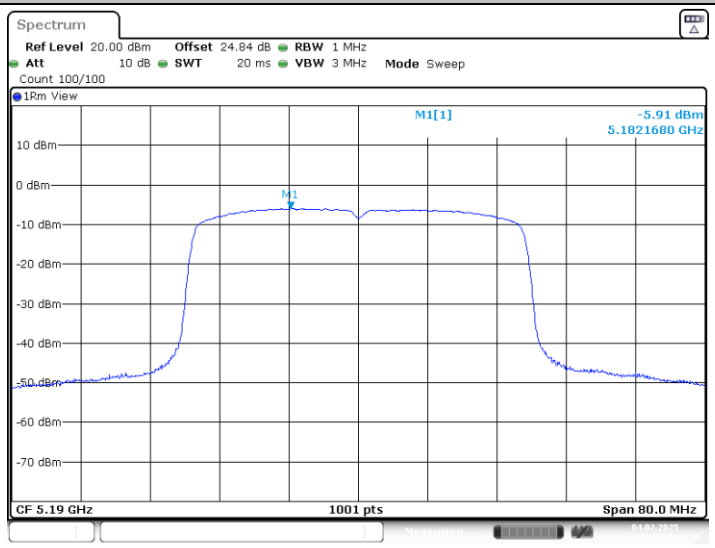

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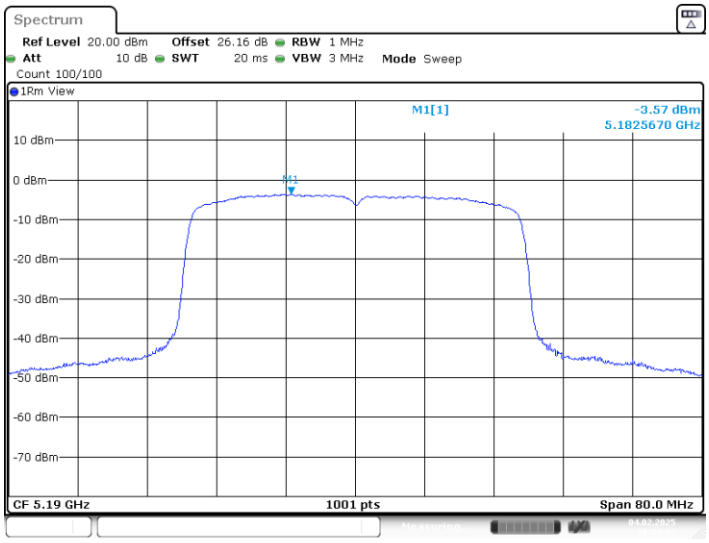

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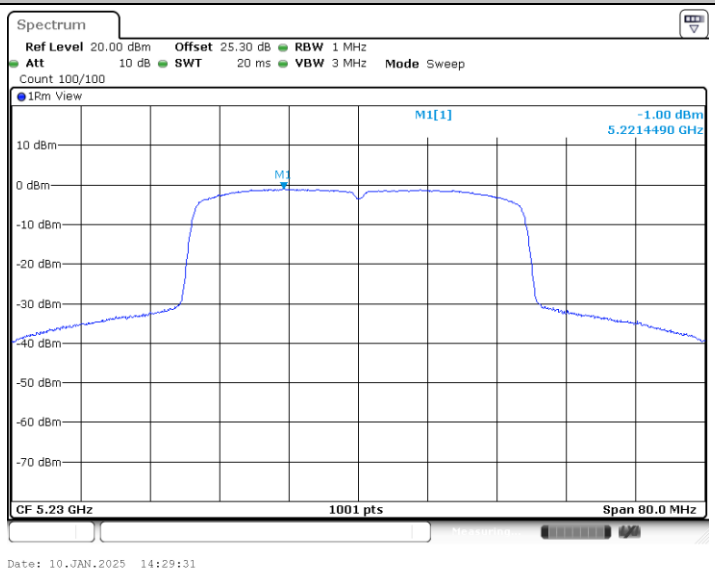

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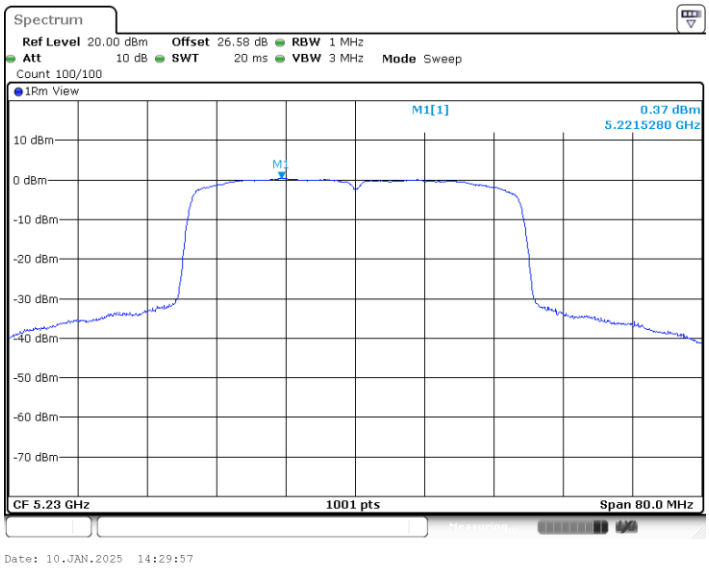

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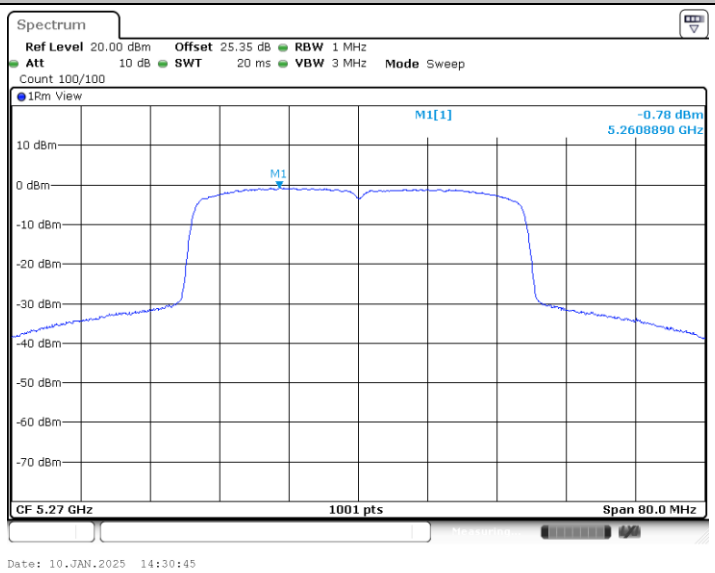

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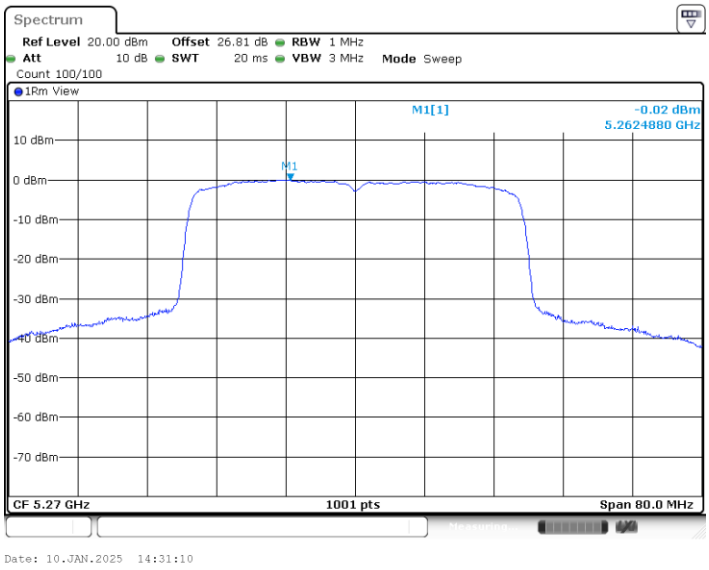

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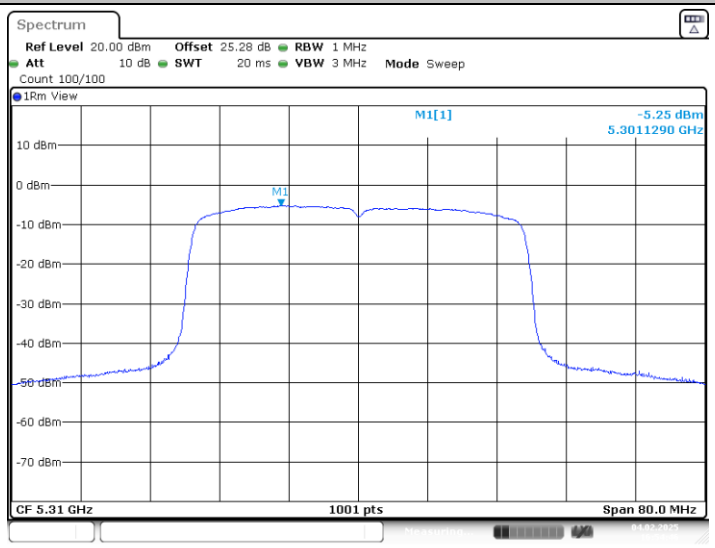

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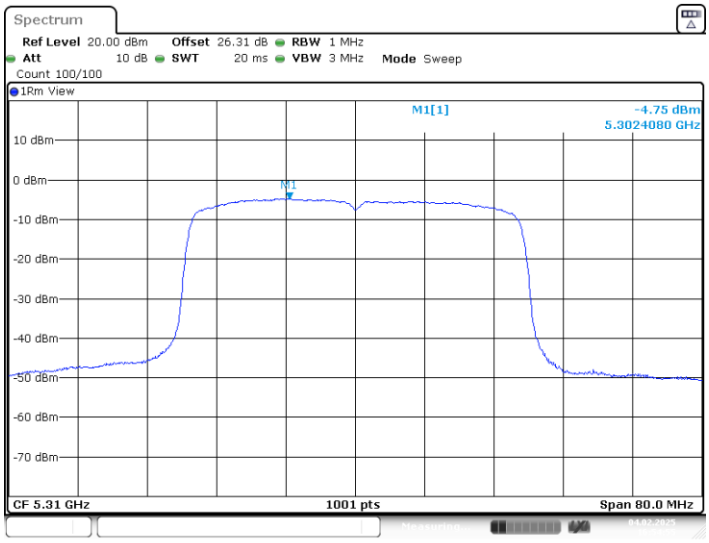

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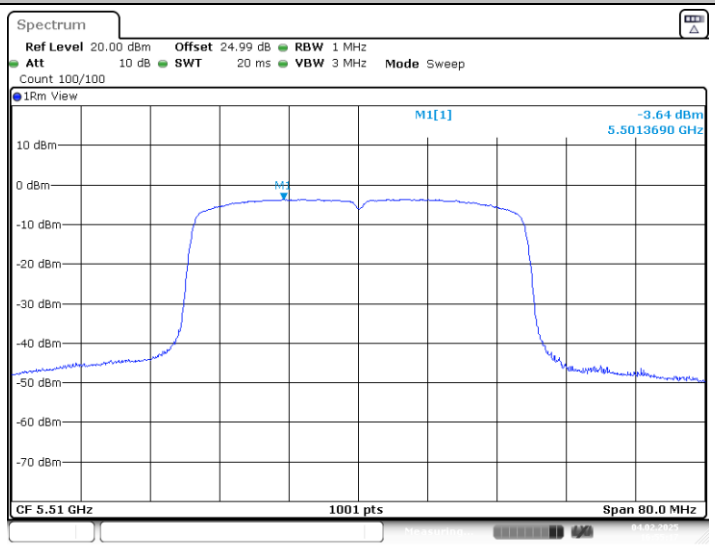

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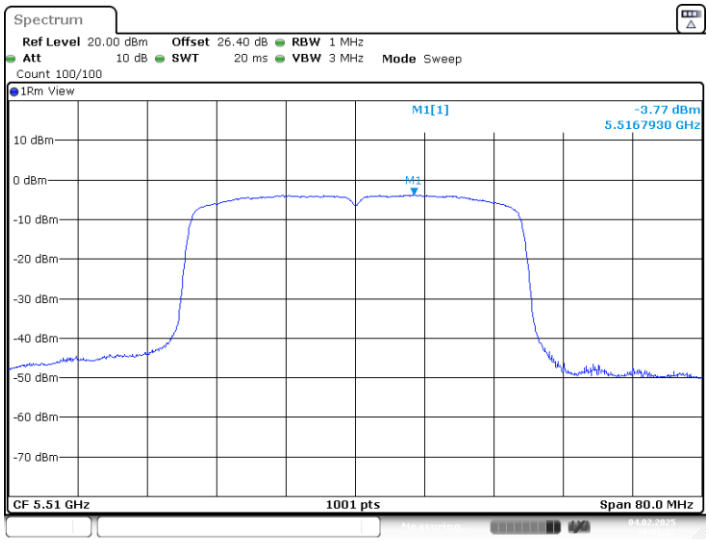

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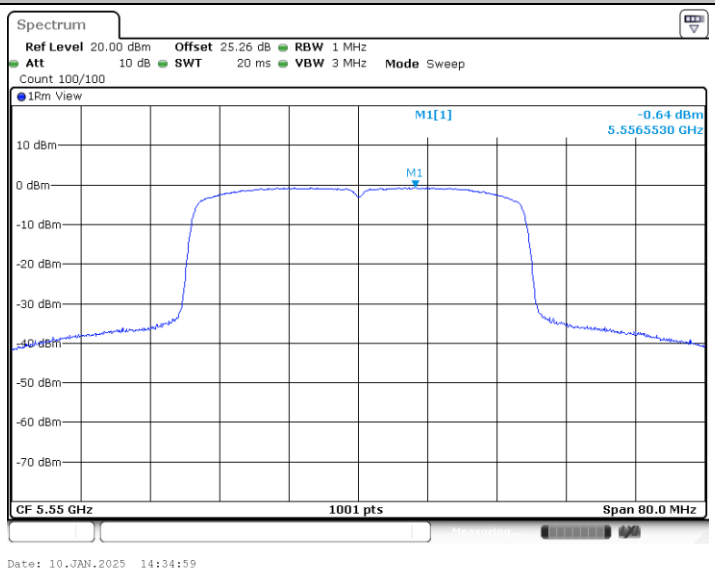

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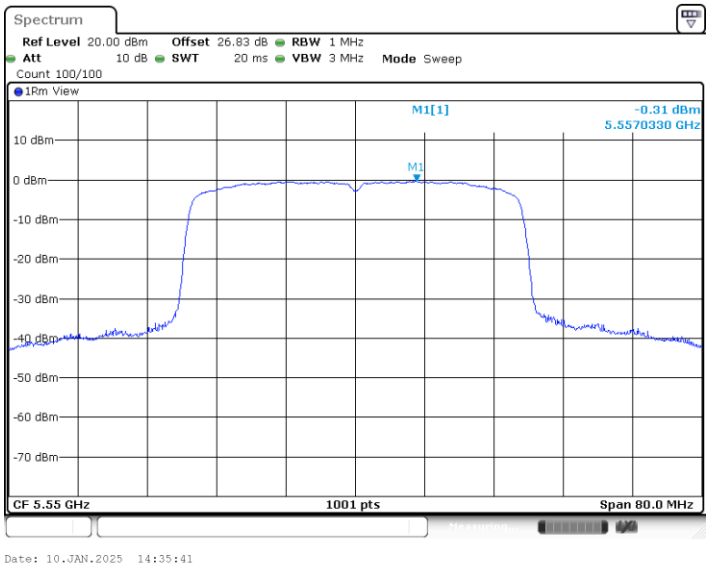

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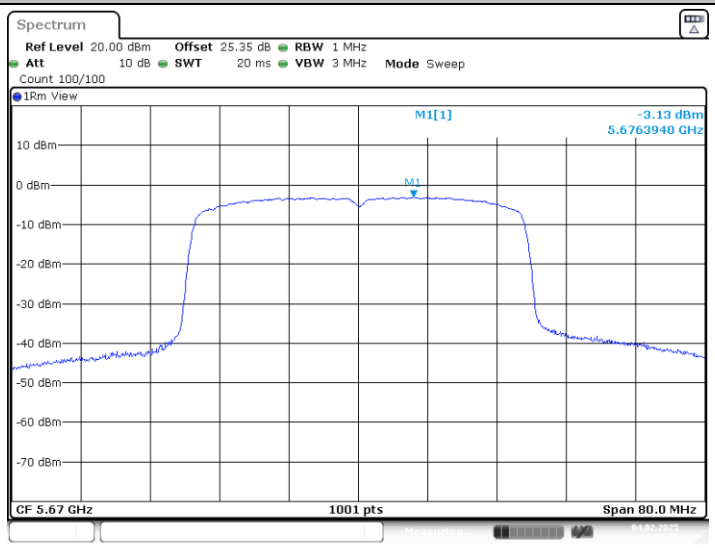

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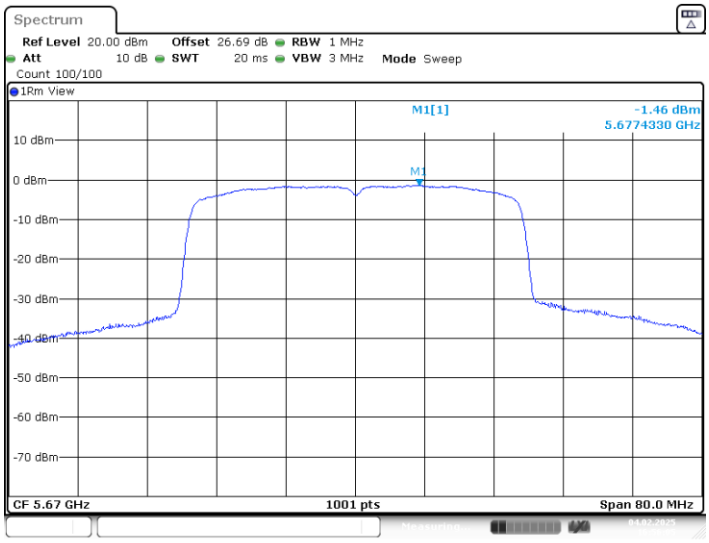

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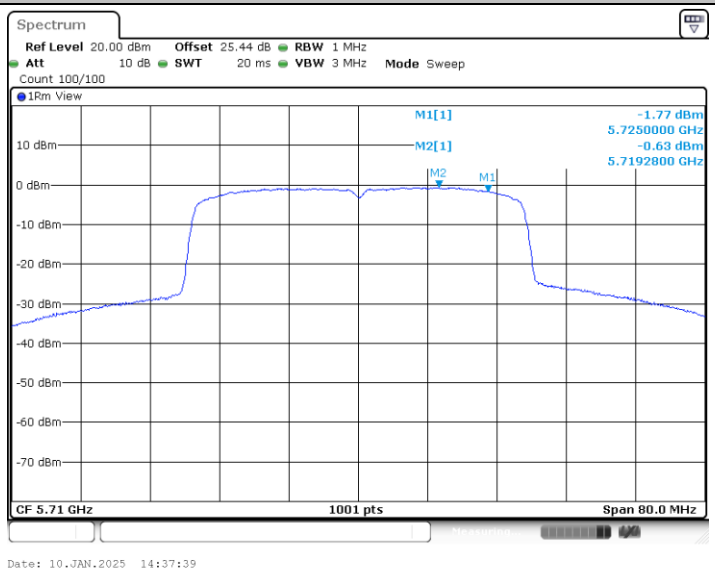
11AX40MIMO_Ant0_5710_UNII-2C



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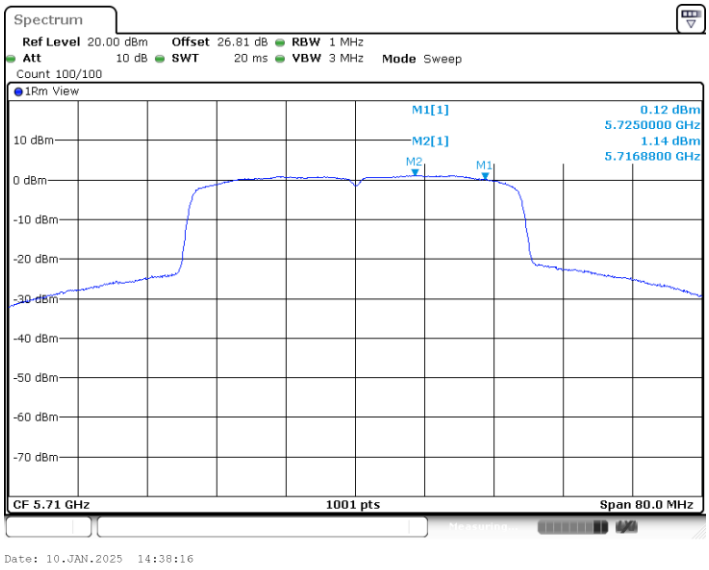
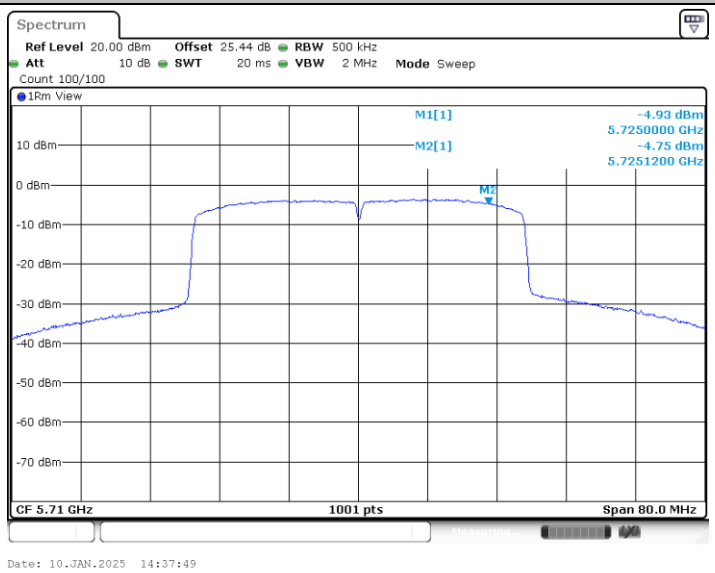


11AX40MIMO_Ant0_5710_UNII-3



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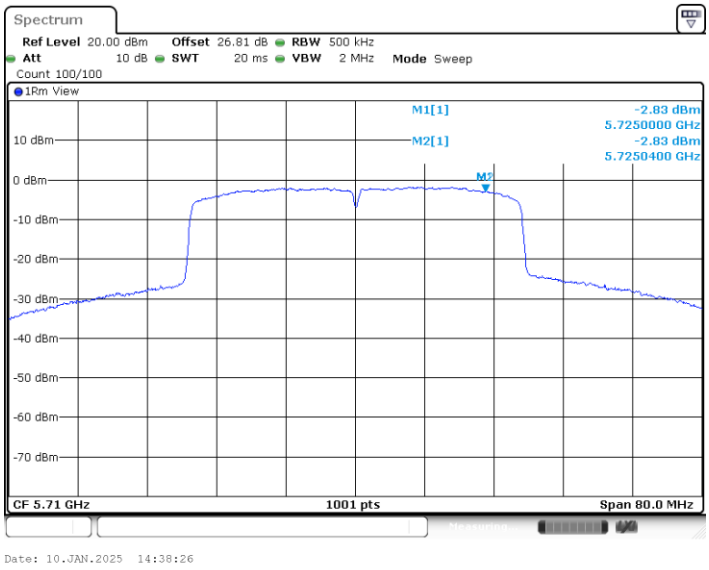

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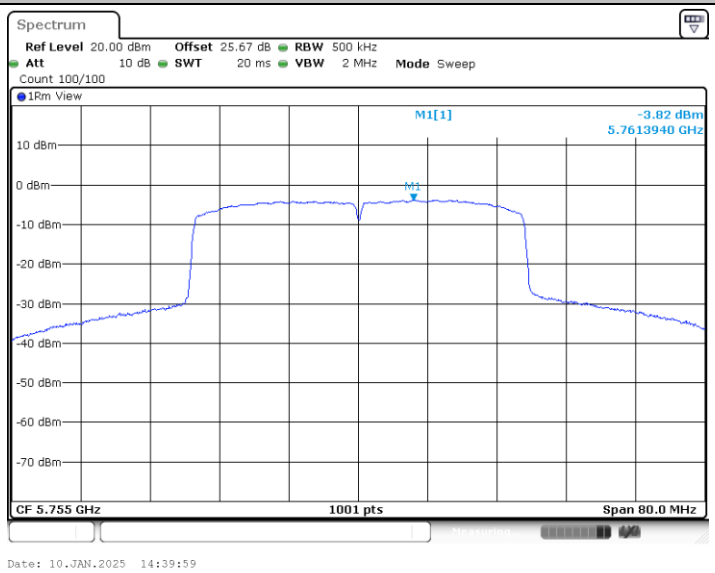

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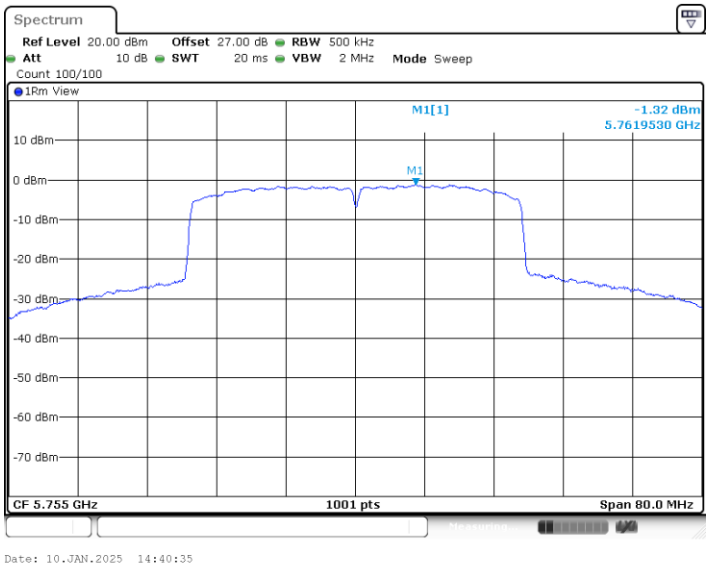

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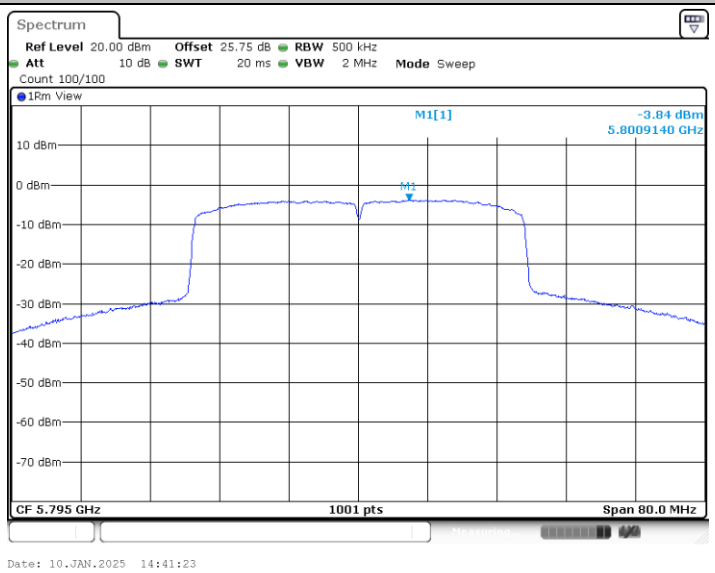

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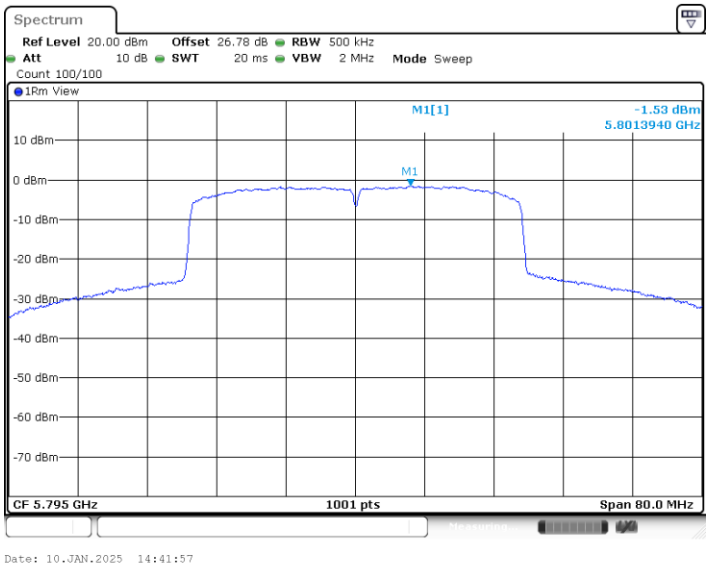
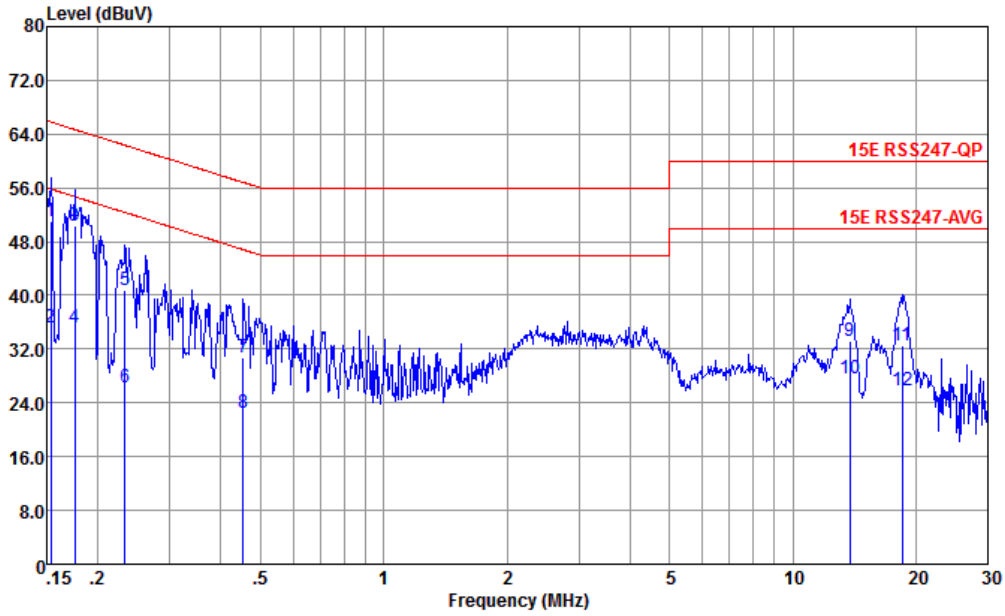


Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos	**Temperature :**	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : 15E RSS247-QP LISN-060105-L 2024 LINE

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.153	51.04	-14.78	65.82	40.50	0.12	10.42	QP
2		0.153	35.14	-20.68	55.82	24.60	0.12	10.42	Average
3	*	0.176	50.41	-14.27	64.68	39.90	0.10	10.41	QP
4		0.176	35.11	-19.57	54.68	24.60	0.10	10.41	Average
5		0.233	40.77	-21.58	62.35	30.31	0.08	10.38	QP
6		0.233	26.37	-25.98	52.35	15.91	0.08	10.38	Average
7		0.454	30.67	-26.13	56.80	20.49	-0.07	10.25	QP
8		0.454	22.47	-24.33	46.80	12.29	-0.07	10.25	Average
9		13.768	33.13	-26.87	60.00	22.19	-0.19	11.13	QP
10		13.768	27.53	-22.47	50.00	16.59	-0.19	11.13	Average
11		18.524	32.43	-27.57	60.00	21.50	-0.38	11.31	QP
12		18.524	25.83	-24.17	50.00	14.90	-0.38	11.31	Average