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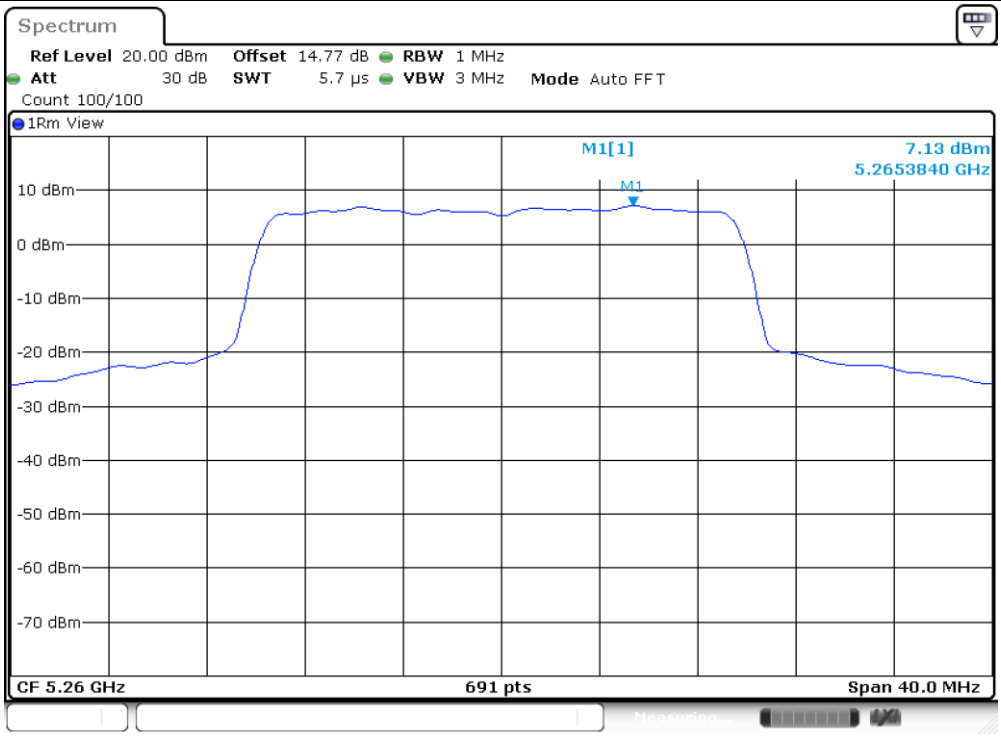

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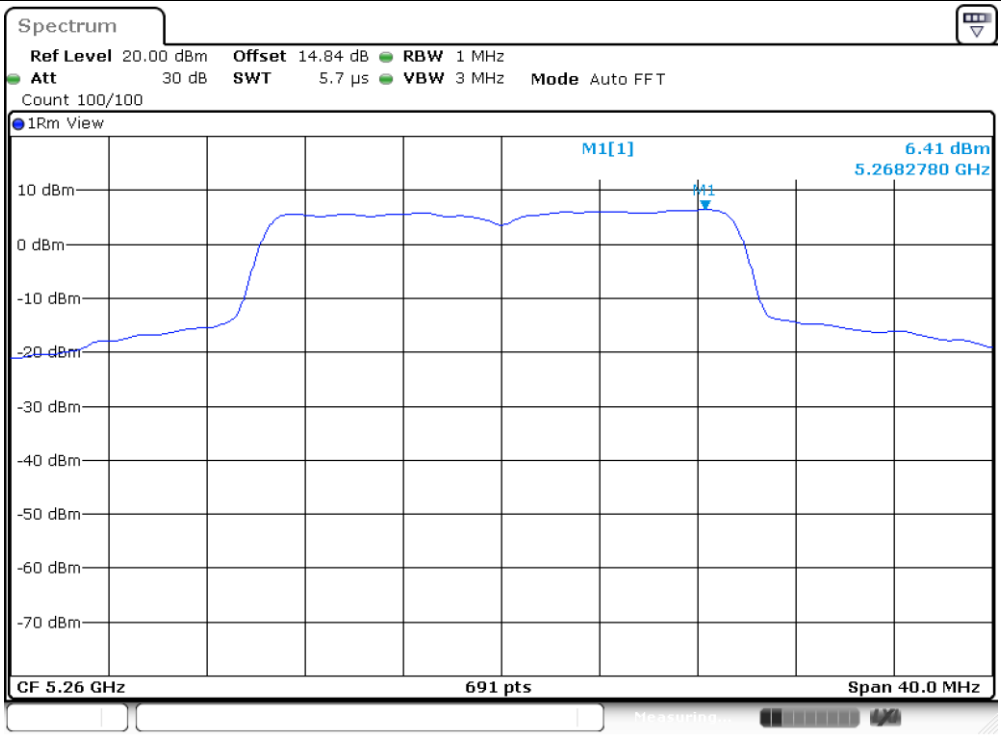

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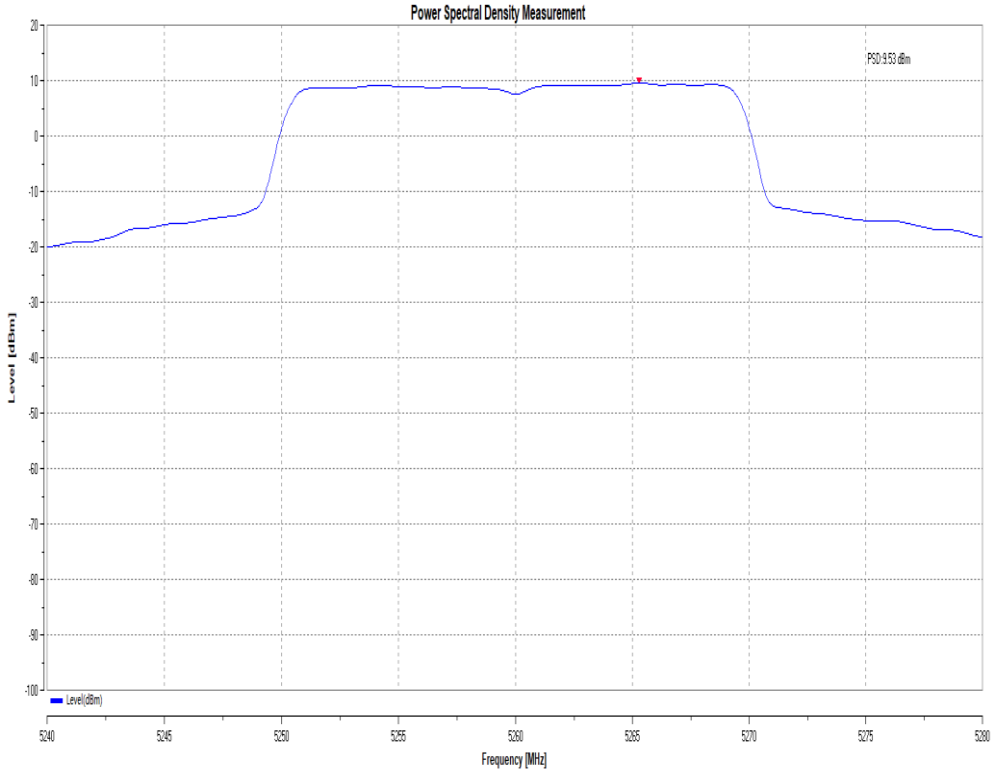

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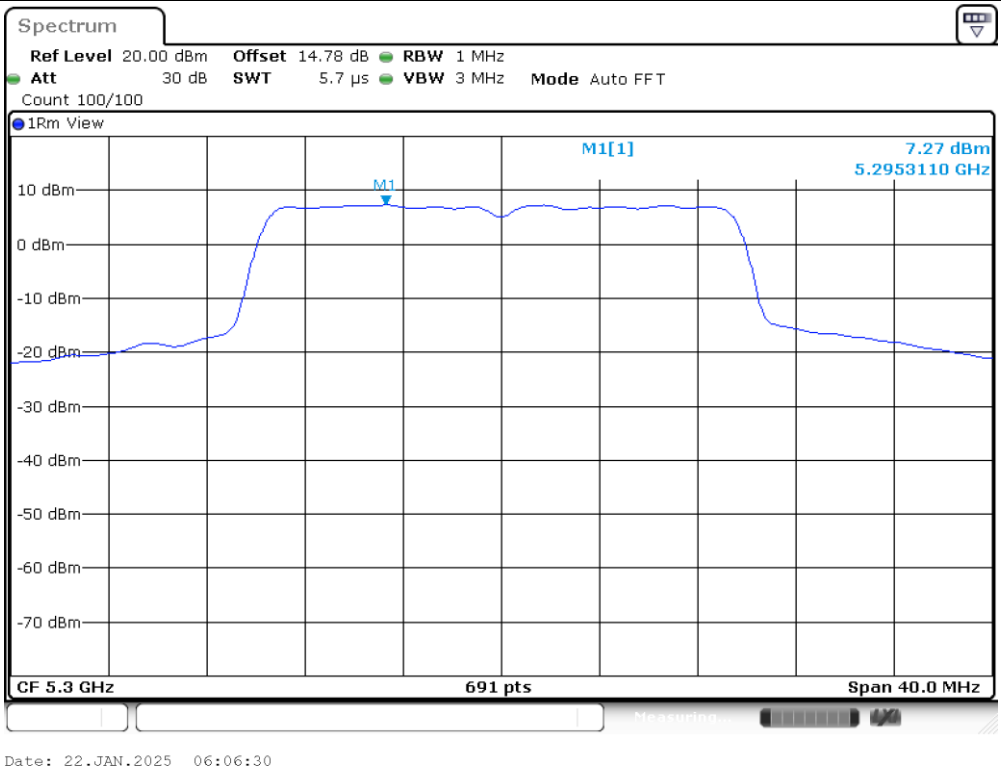

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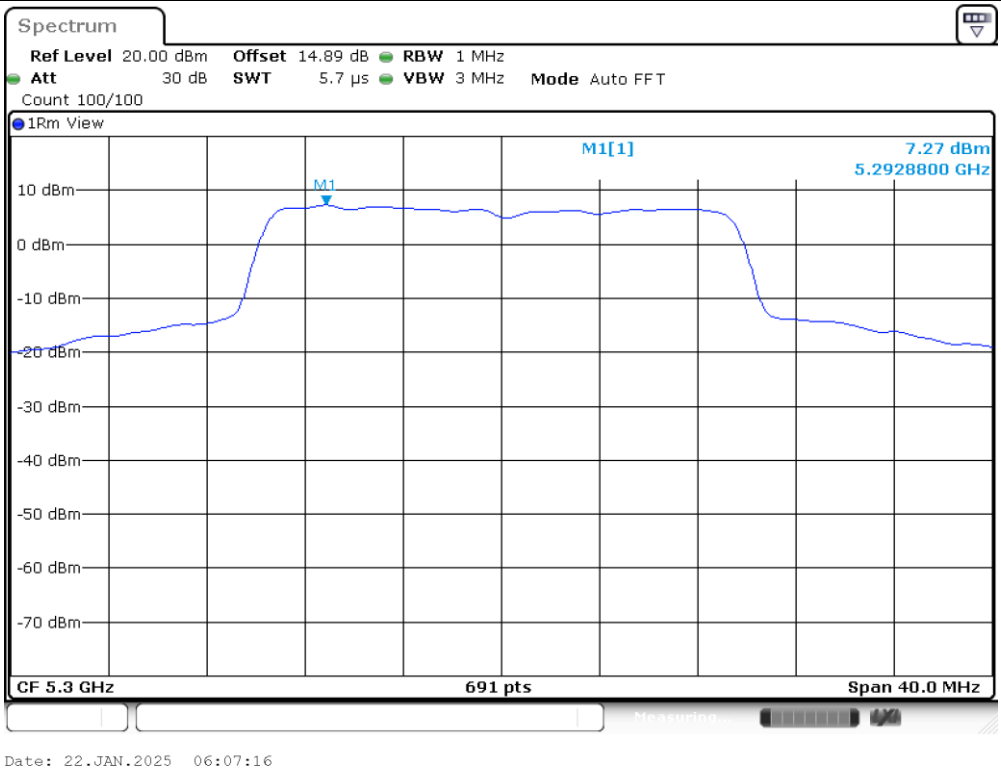

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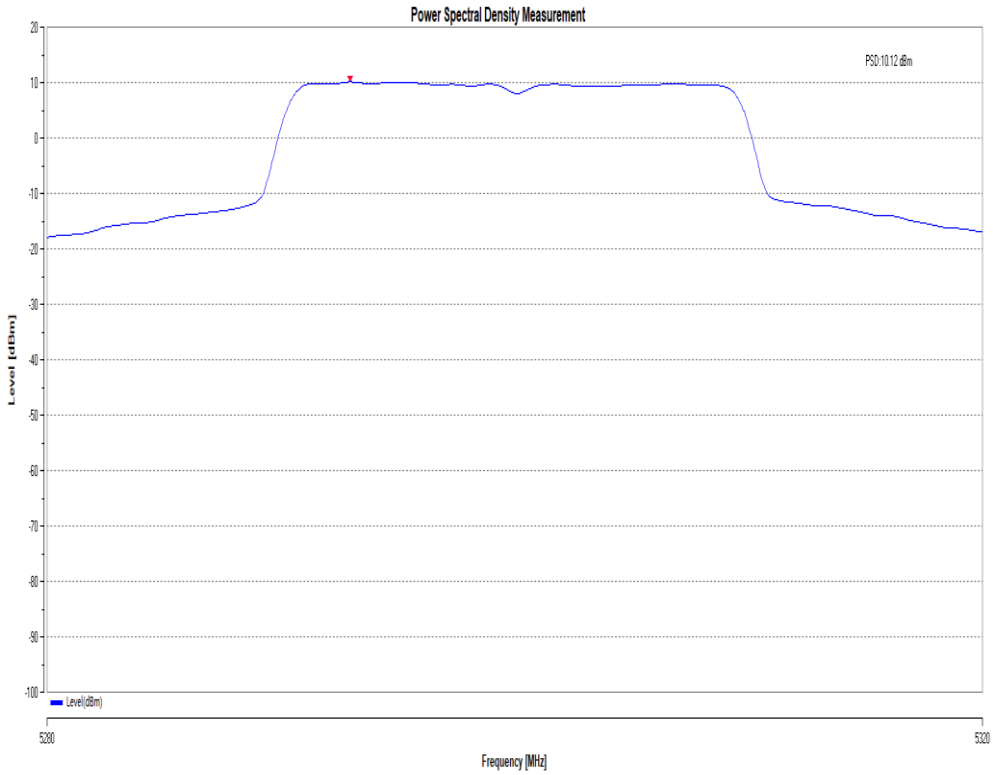

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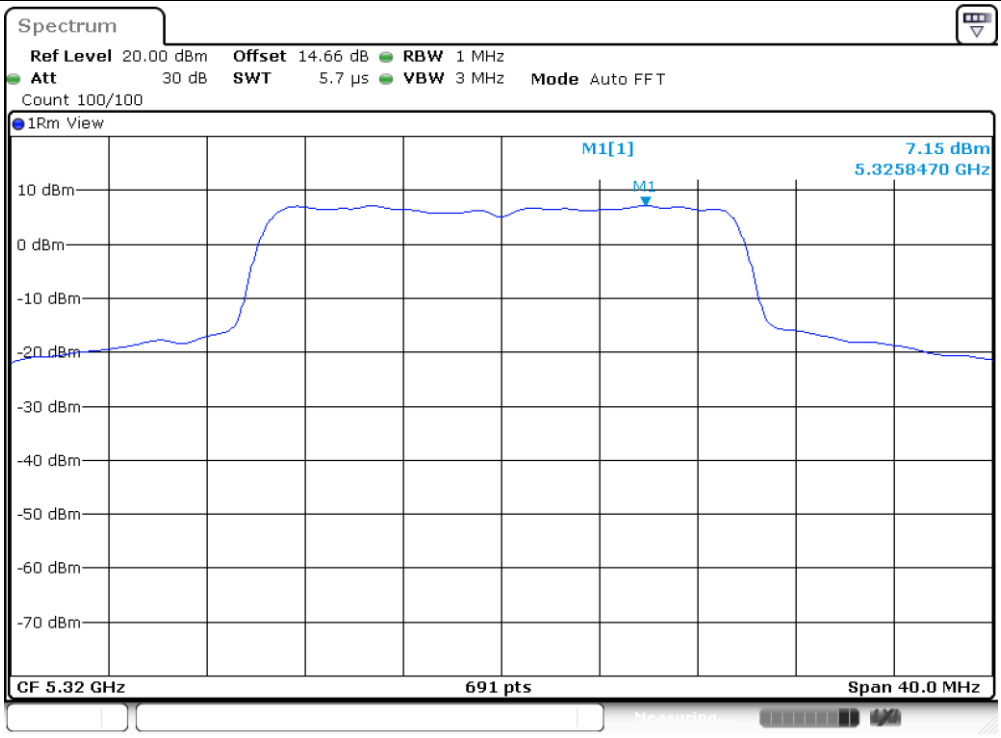

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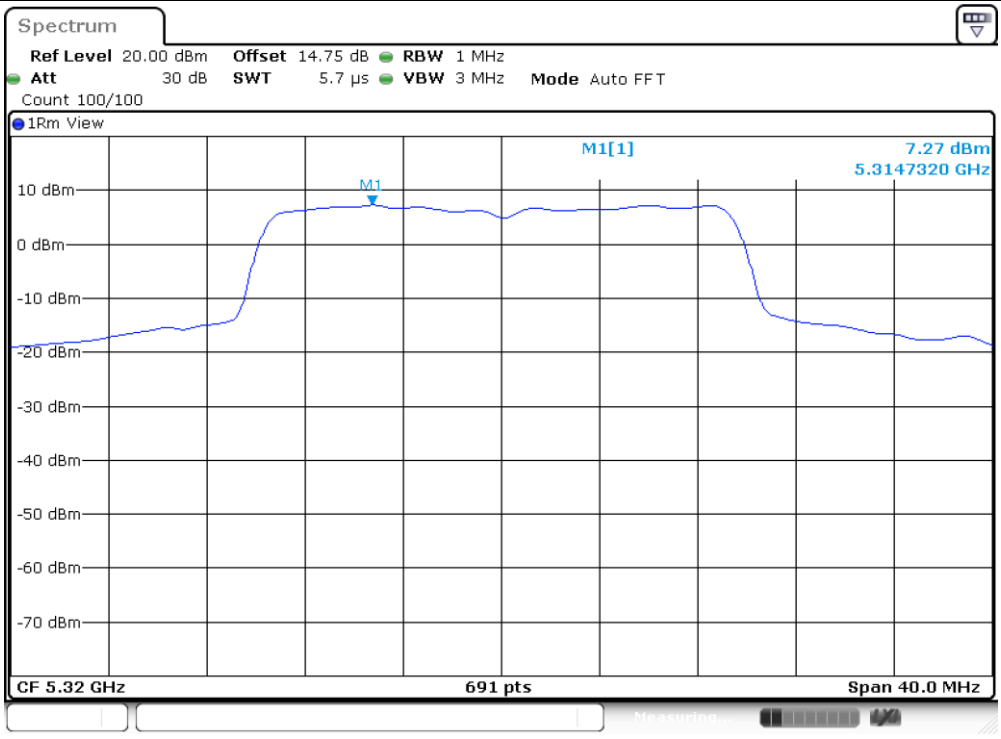

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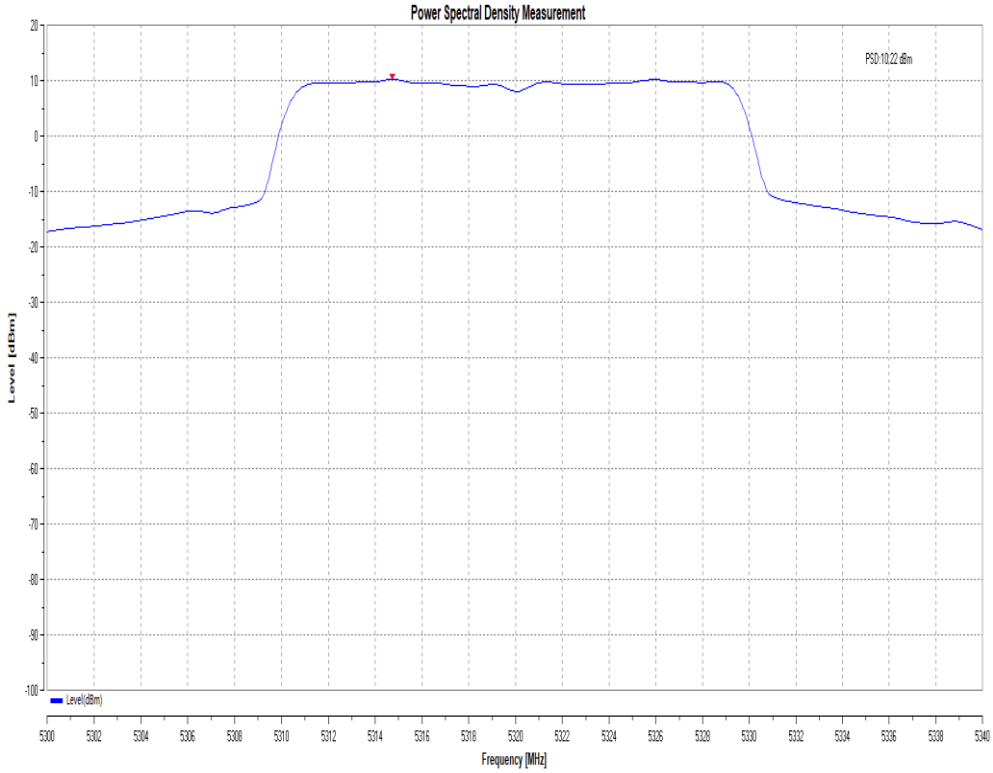

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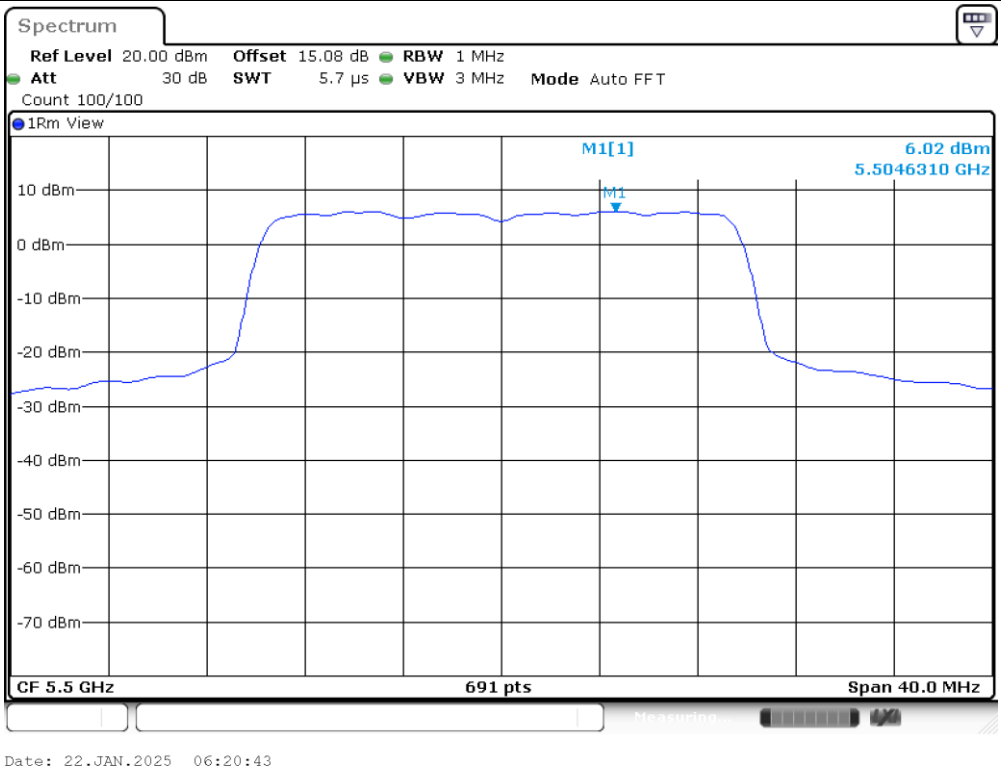

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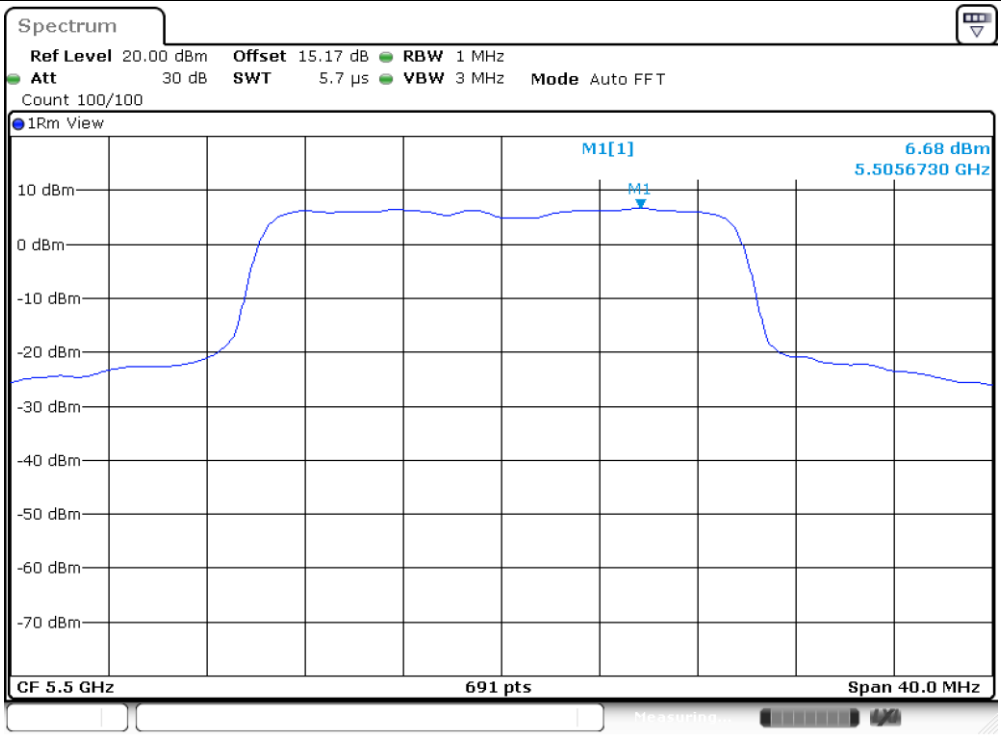

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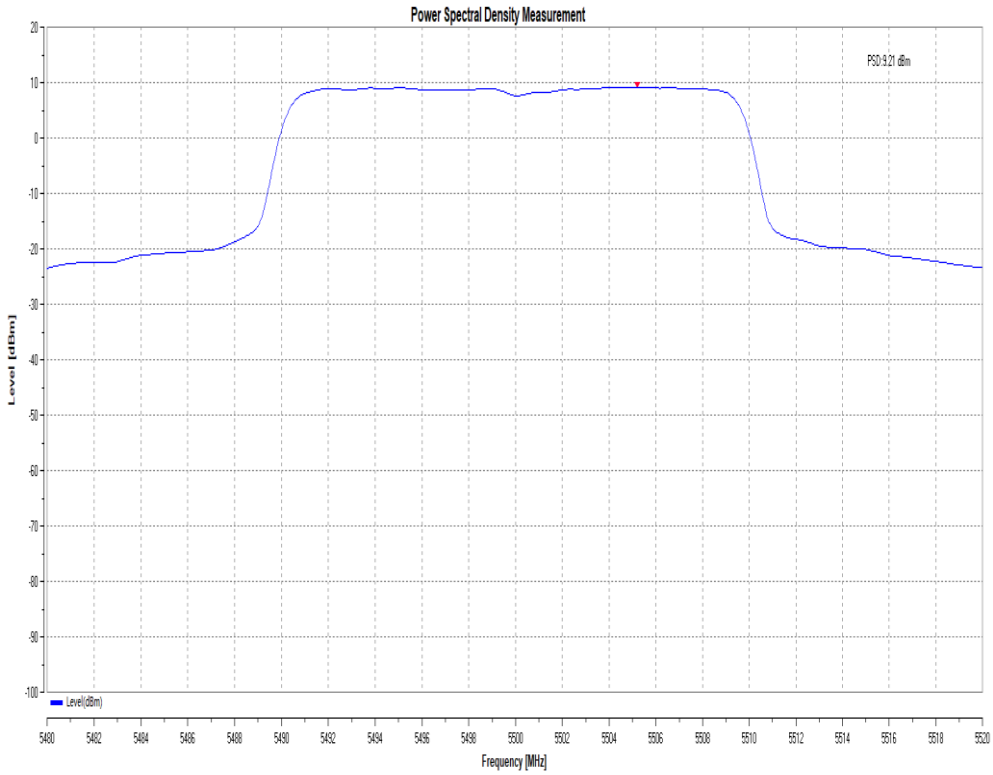

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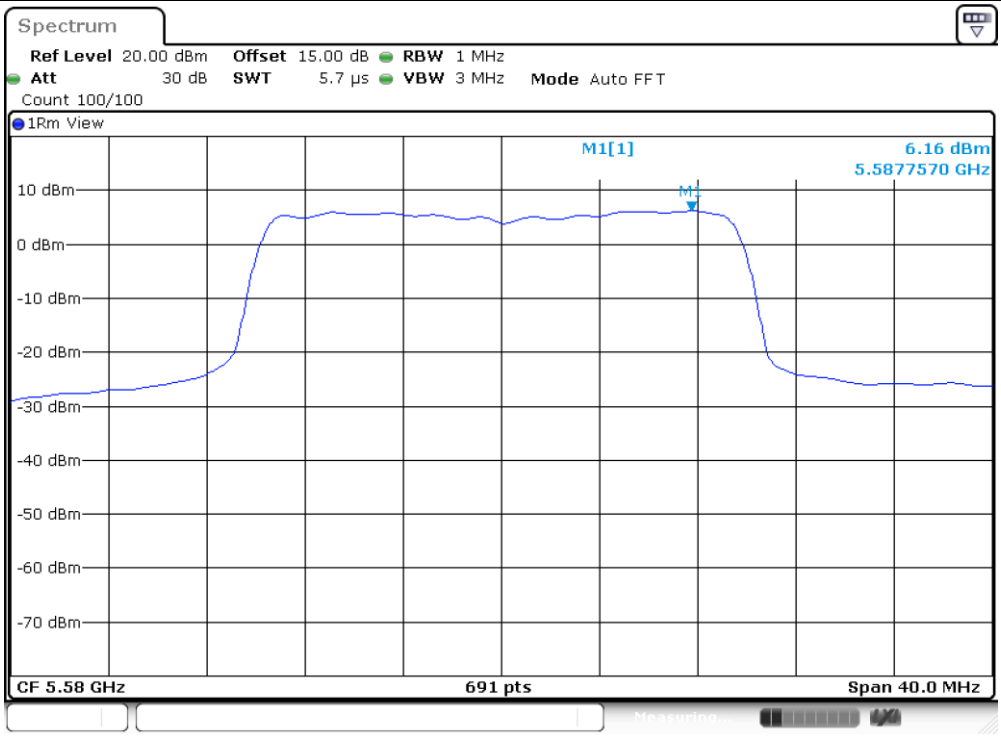

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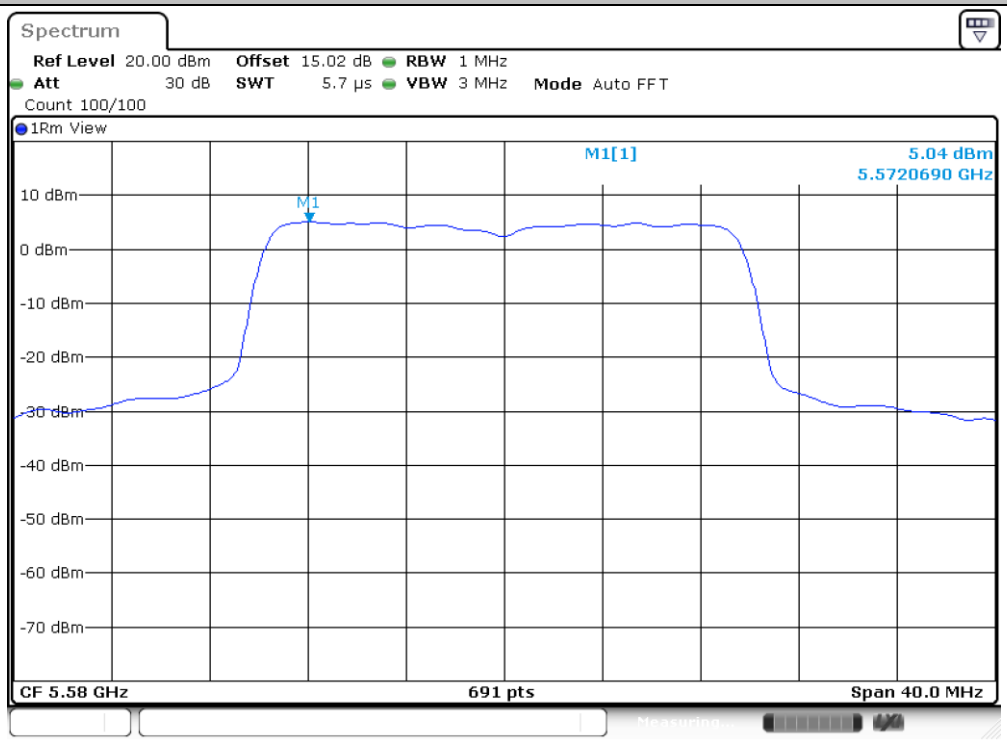

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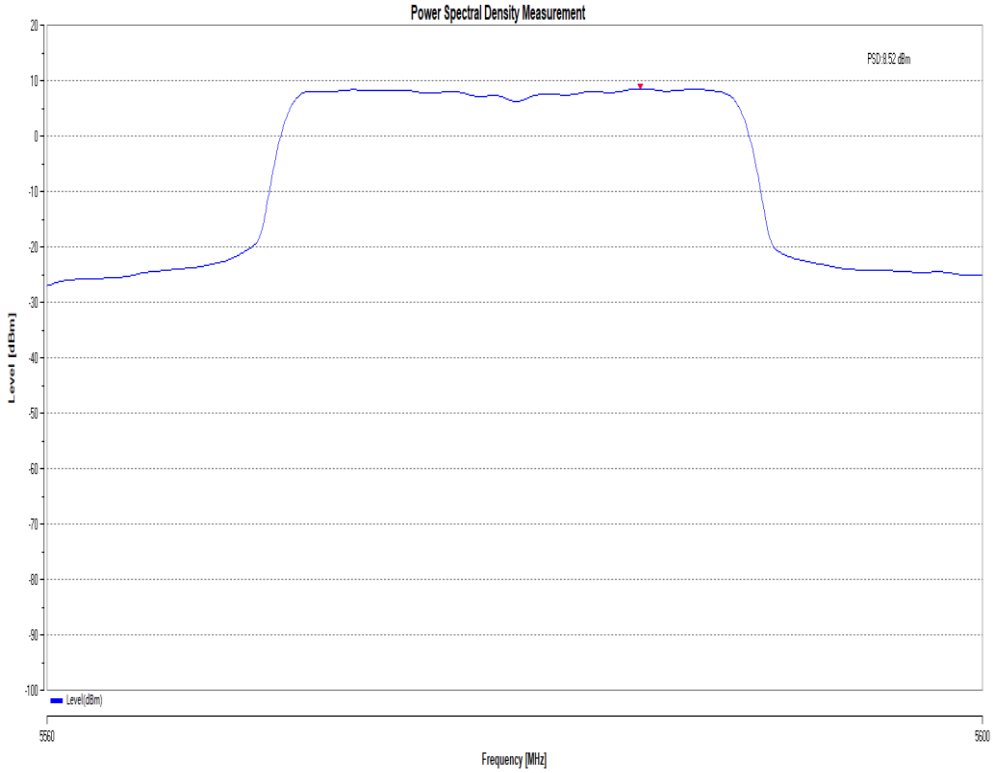

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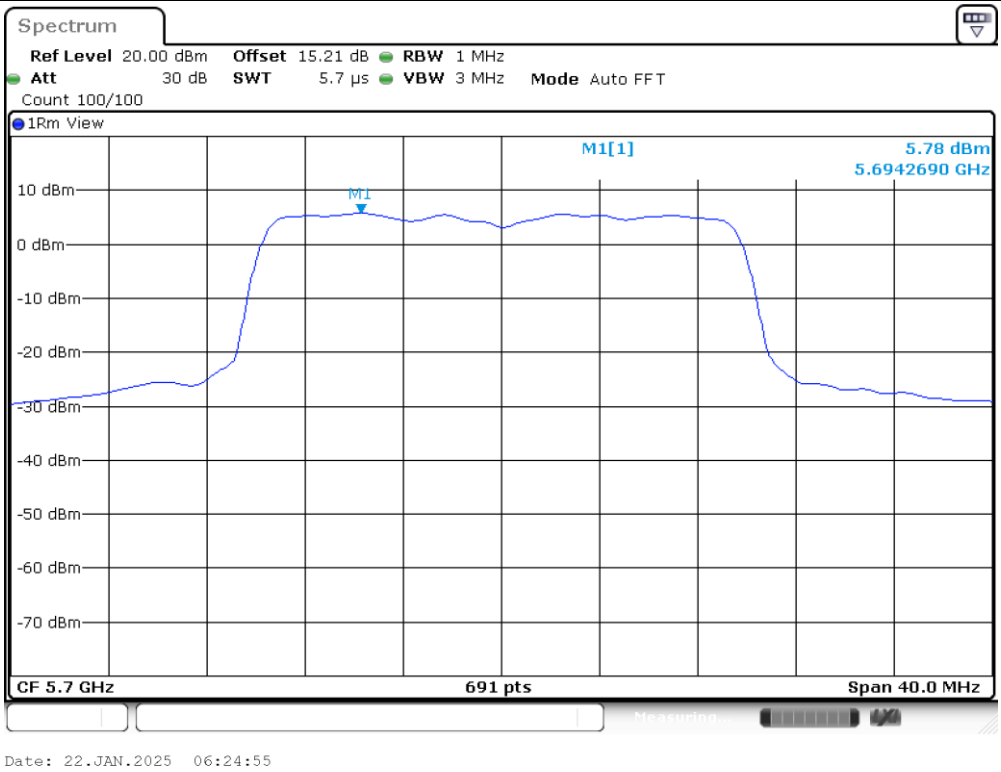

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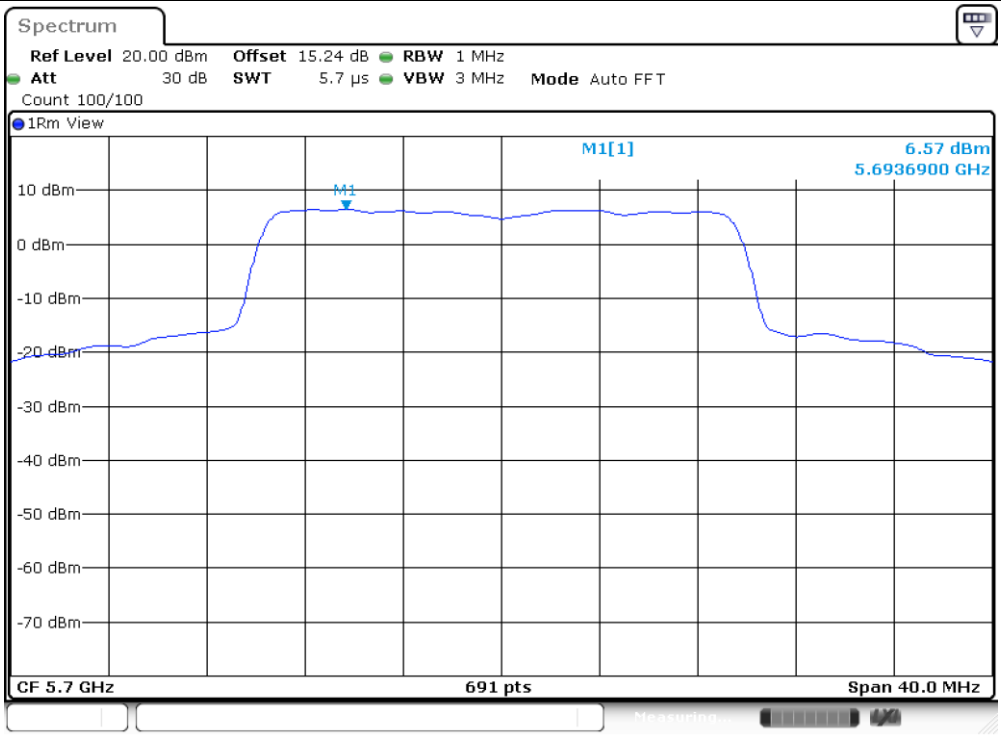

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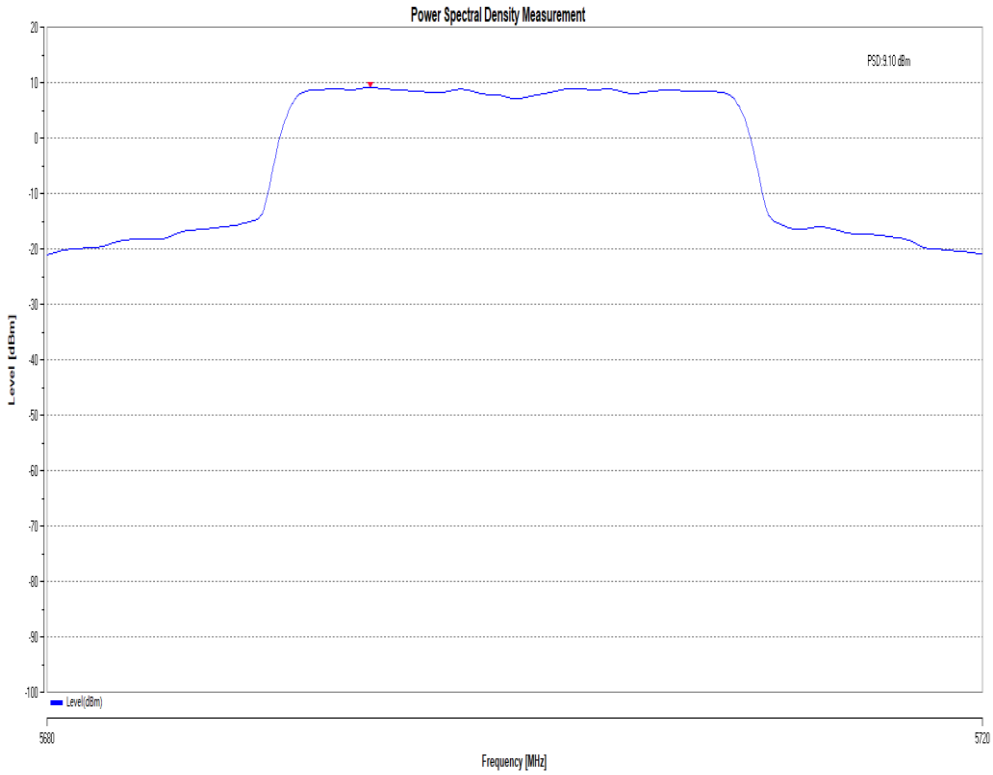

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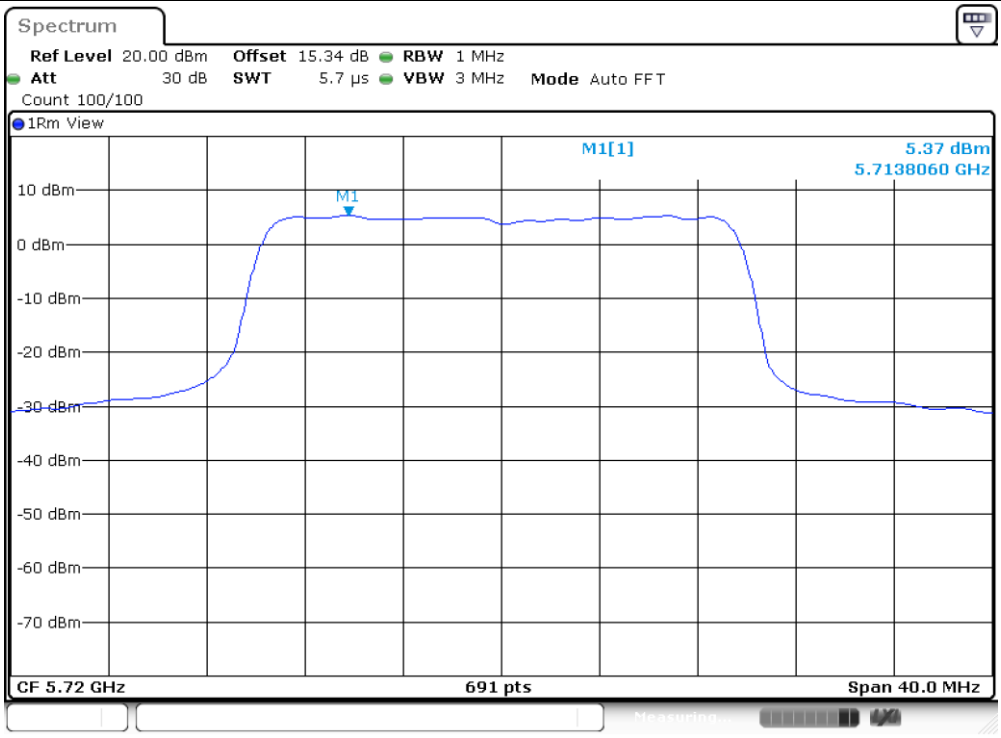

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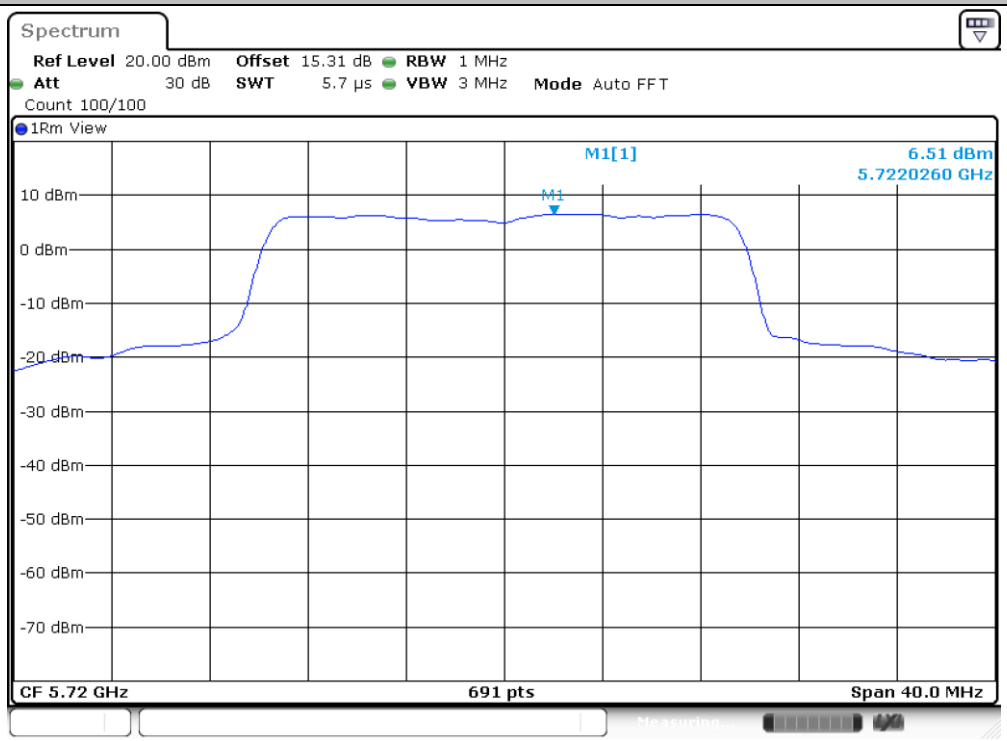

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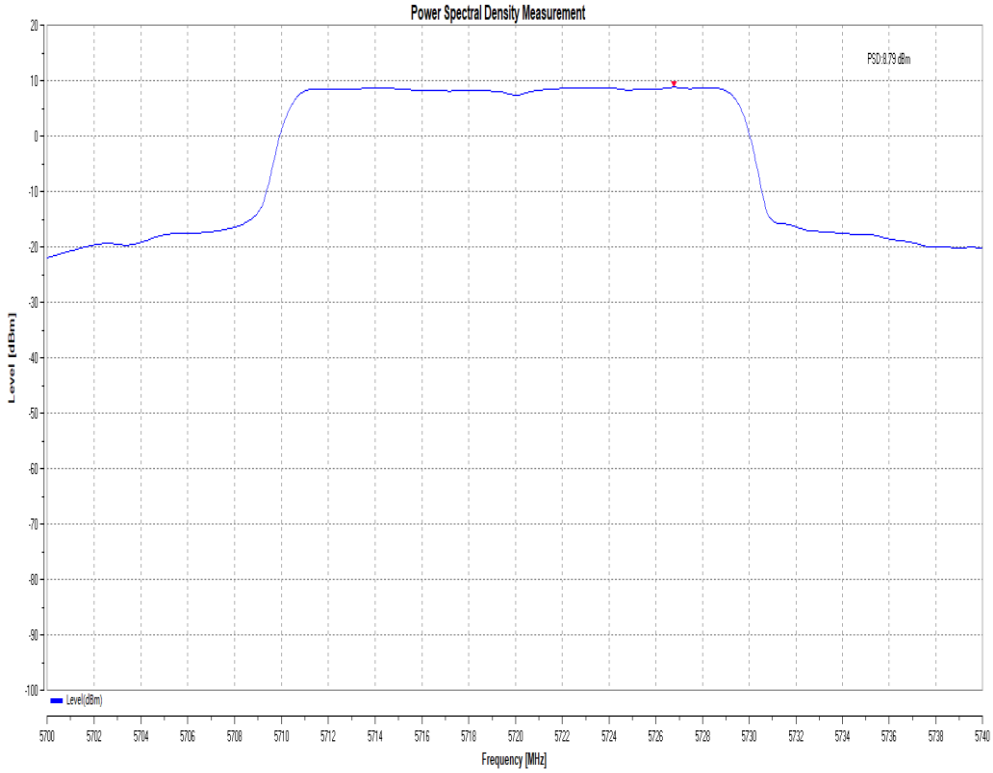

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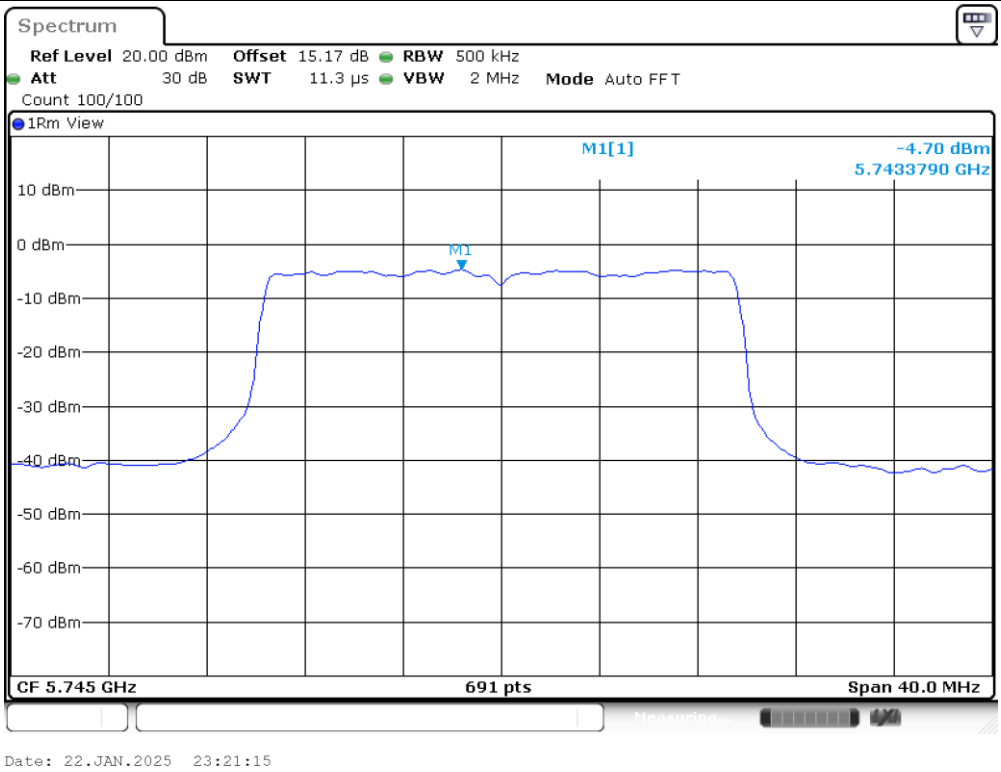

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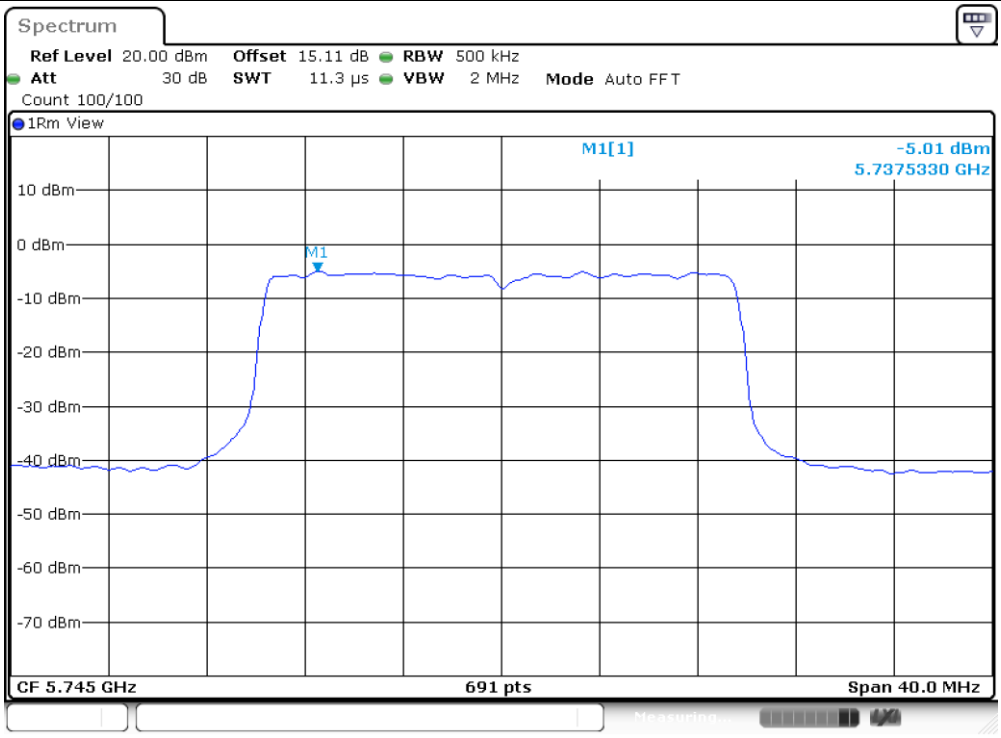

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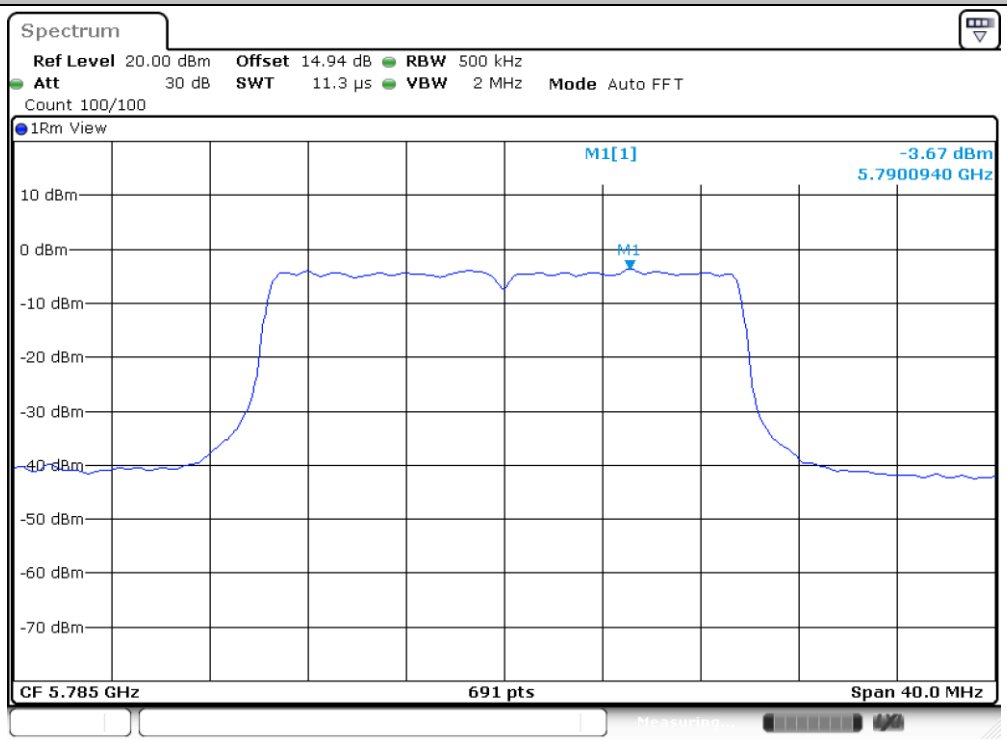

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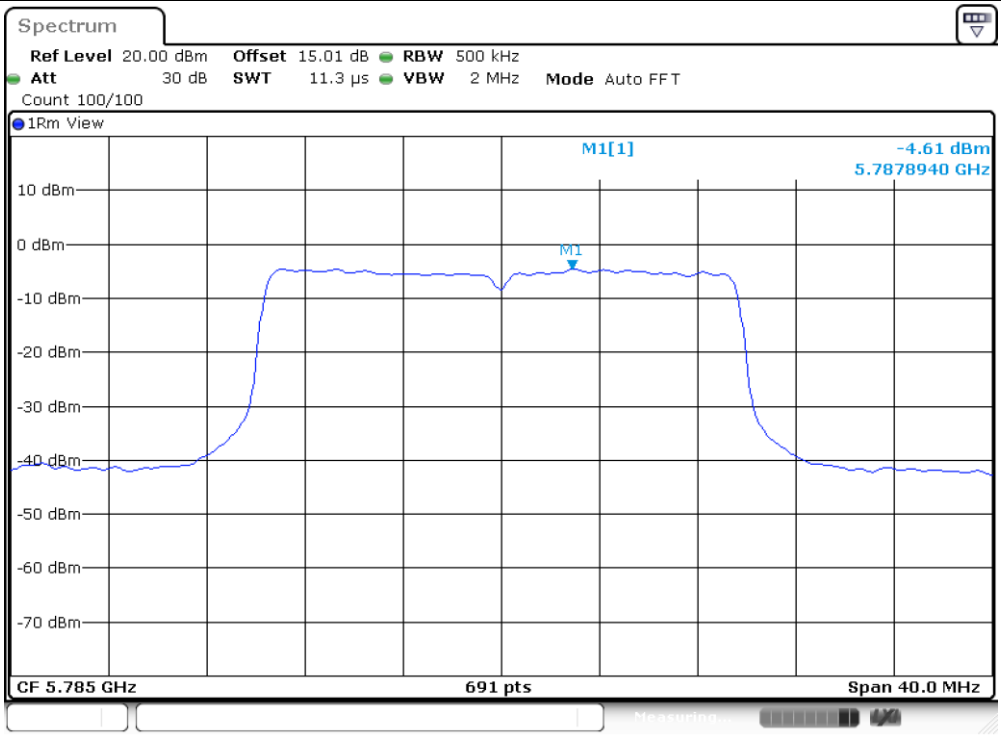

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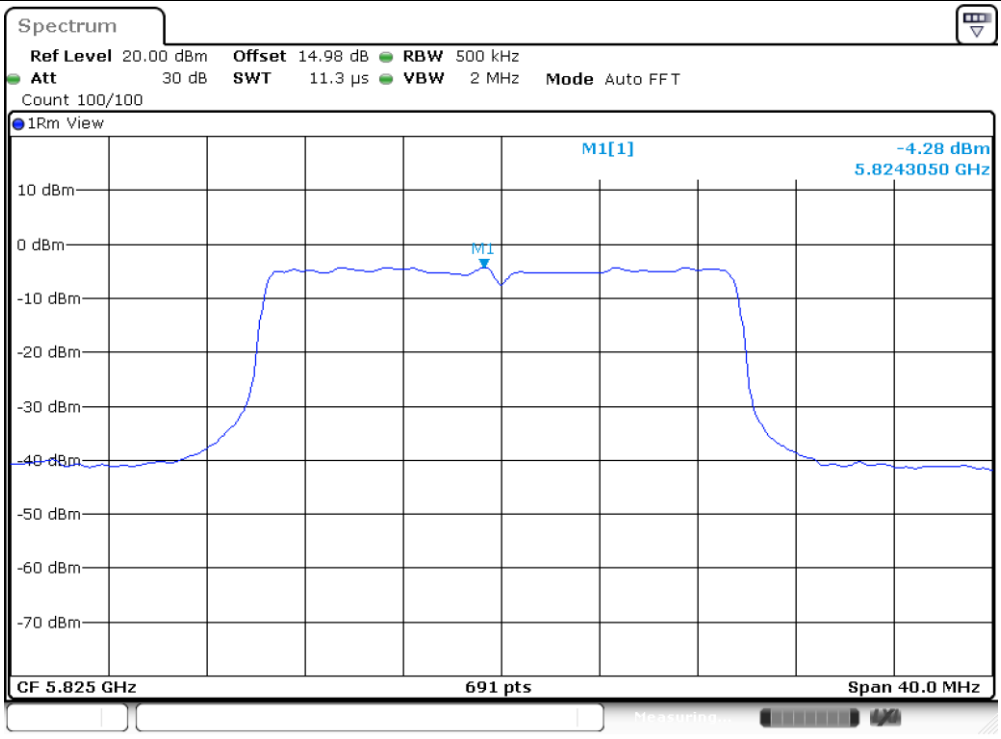

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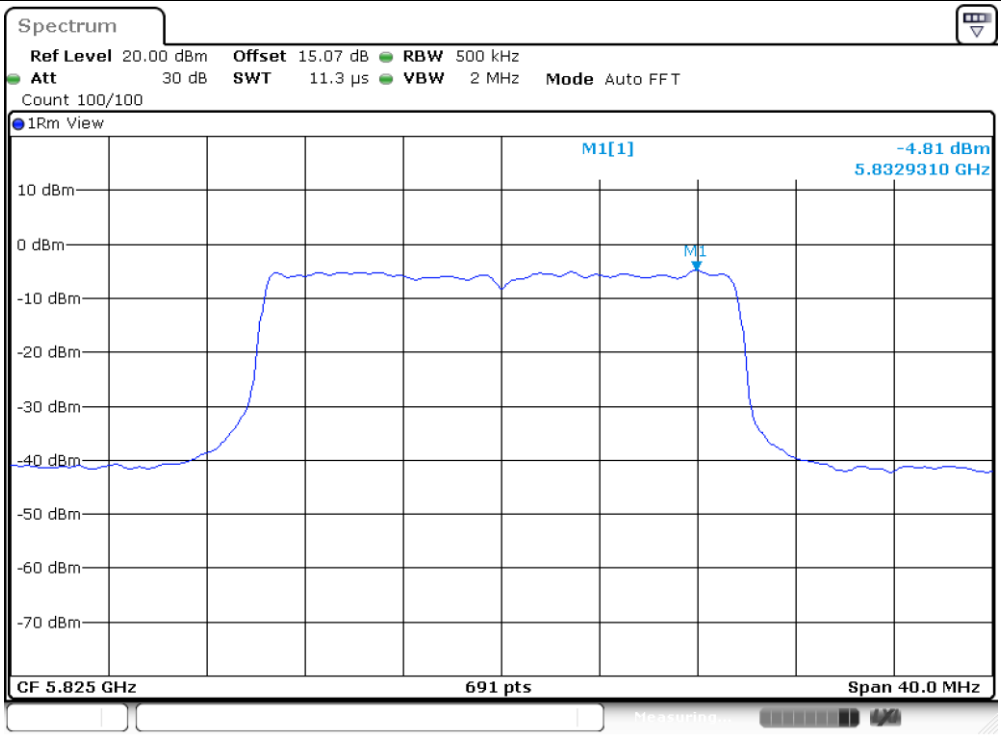

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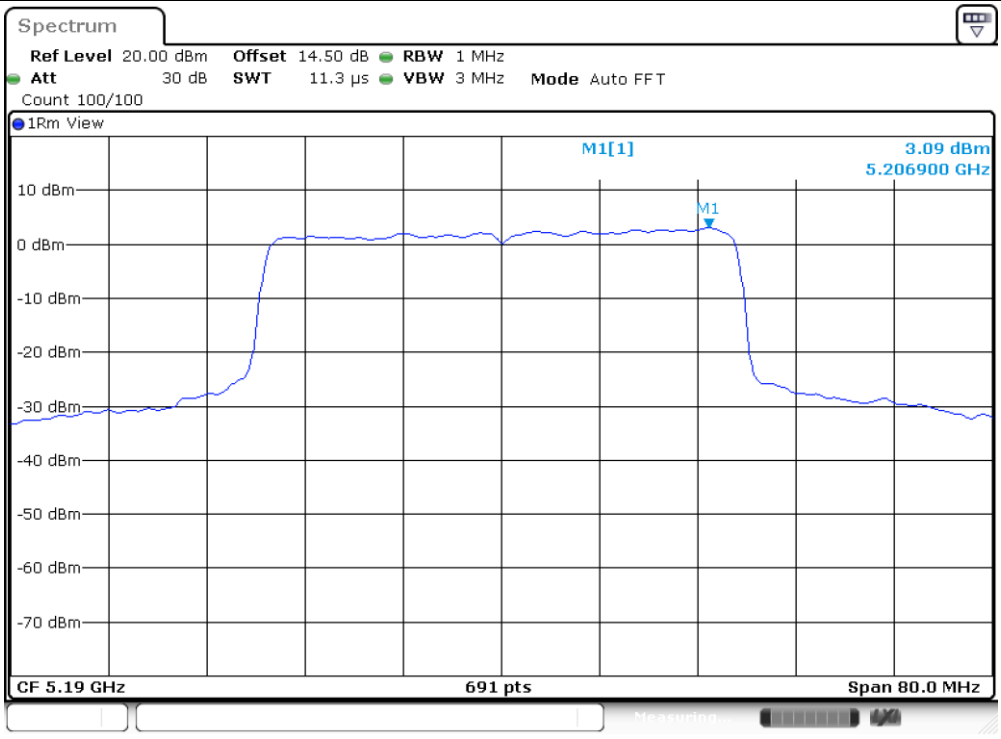

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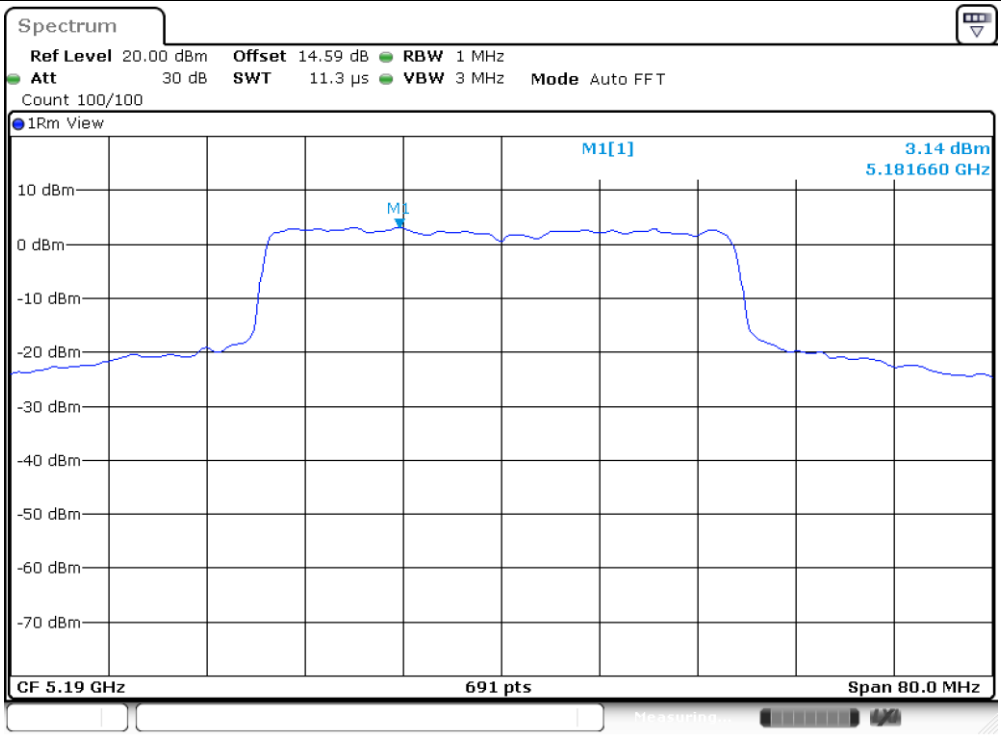

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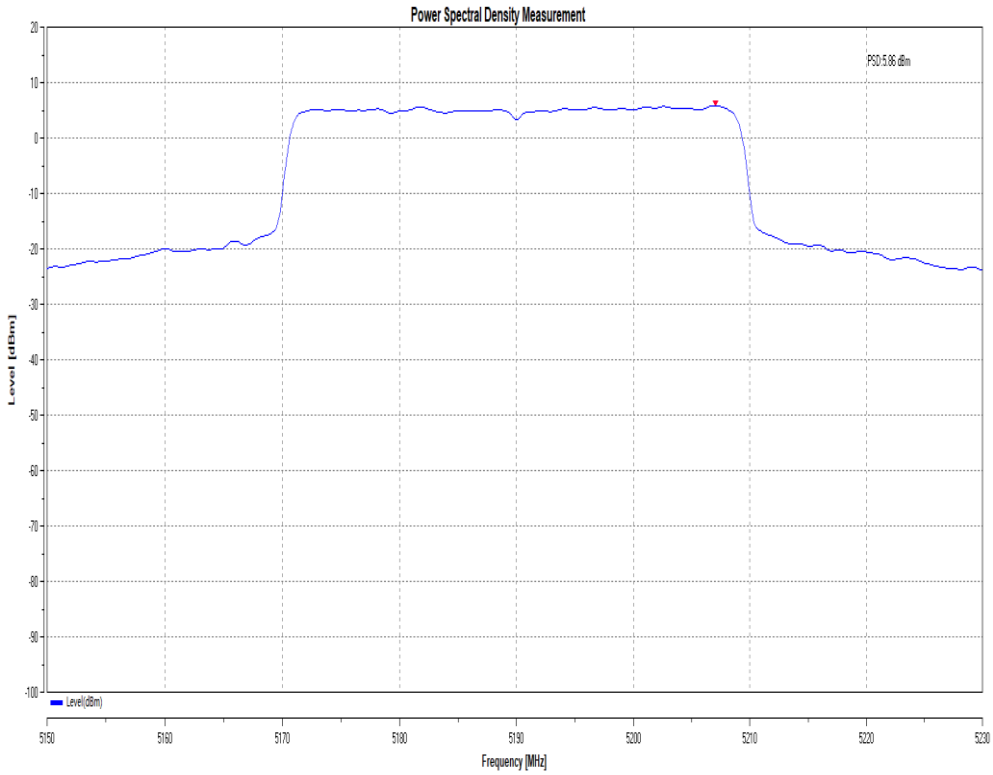

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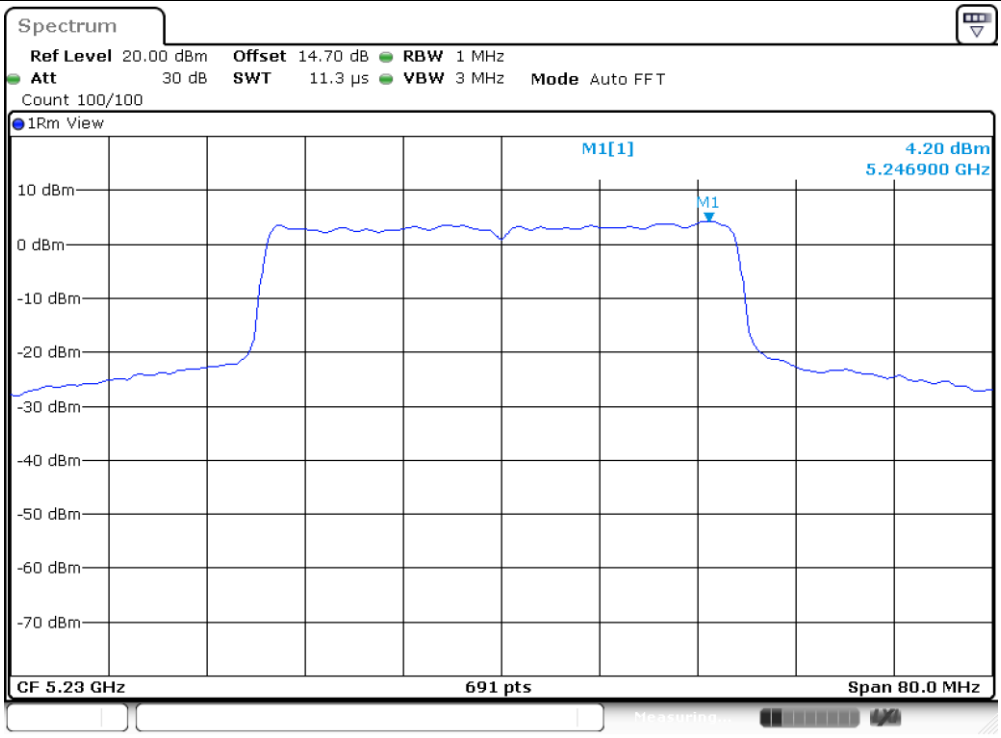

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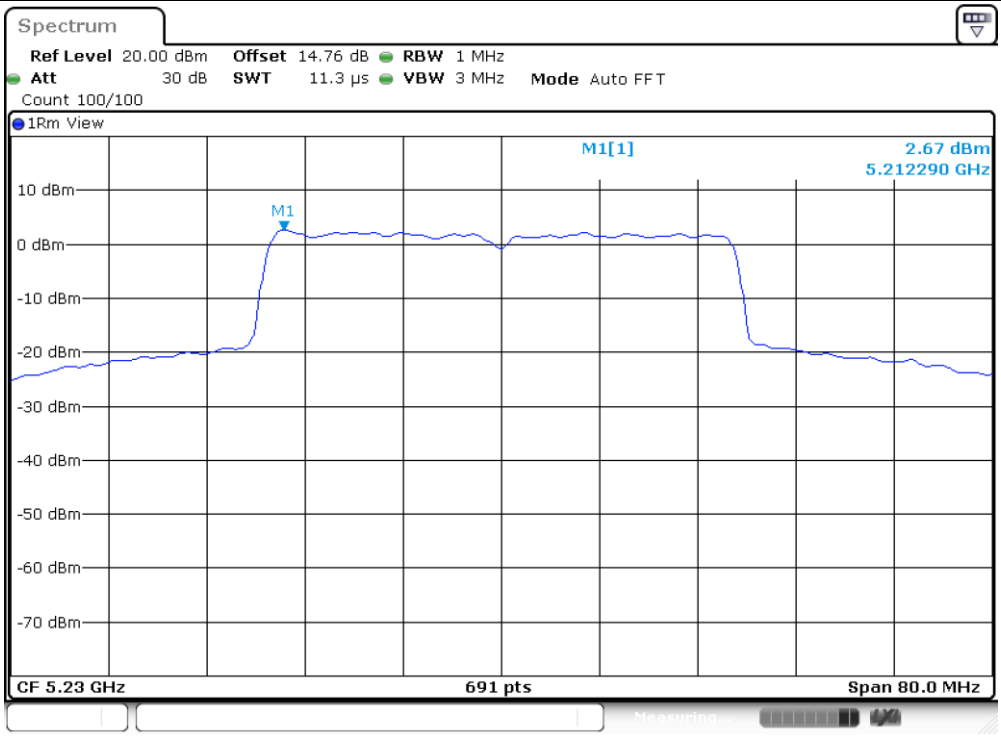

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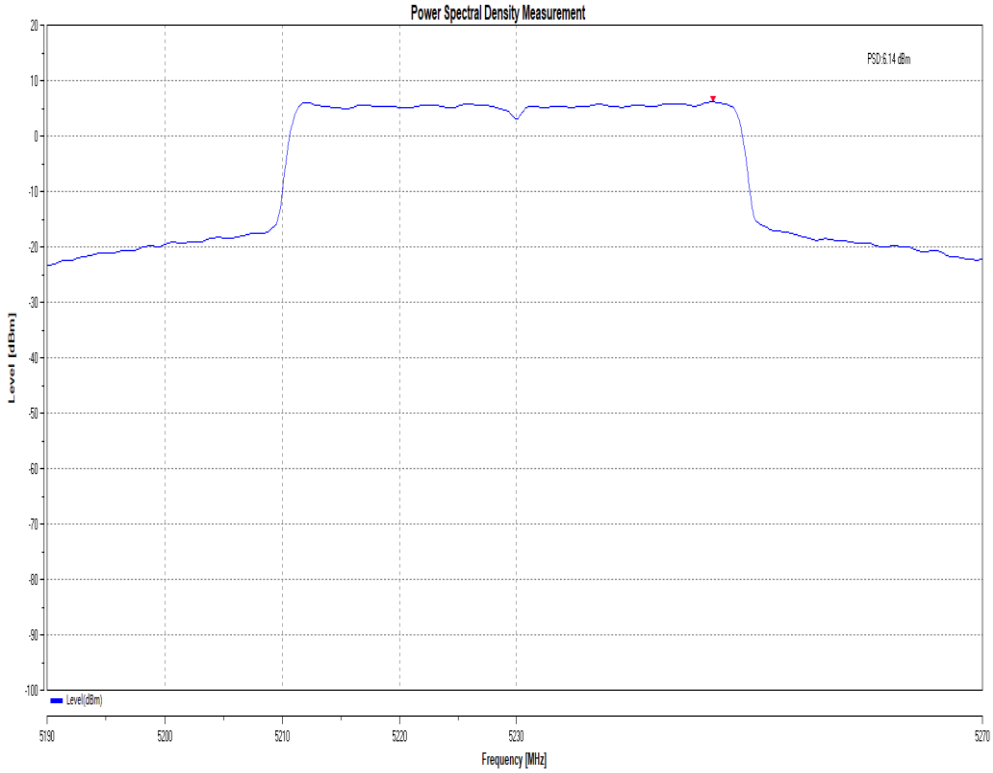

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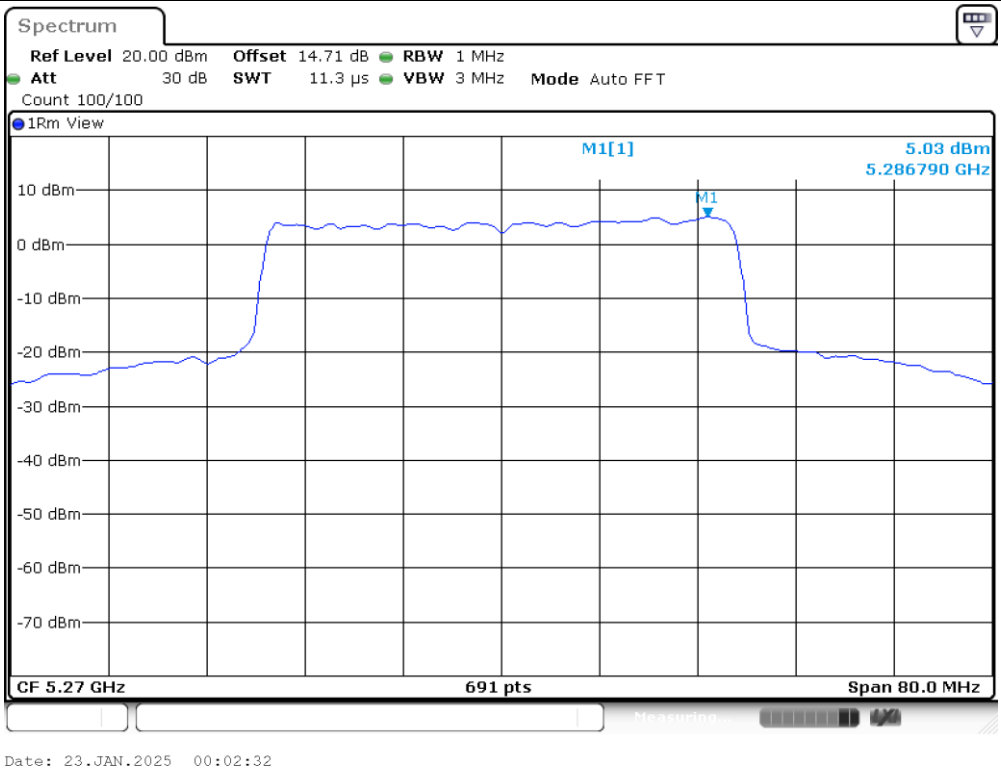

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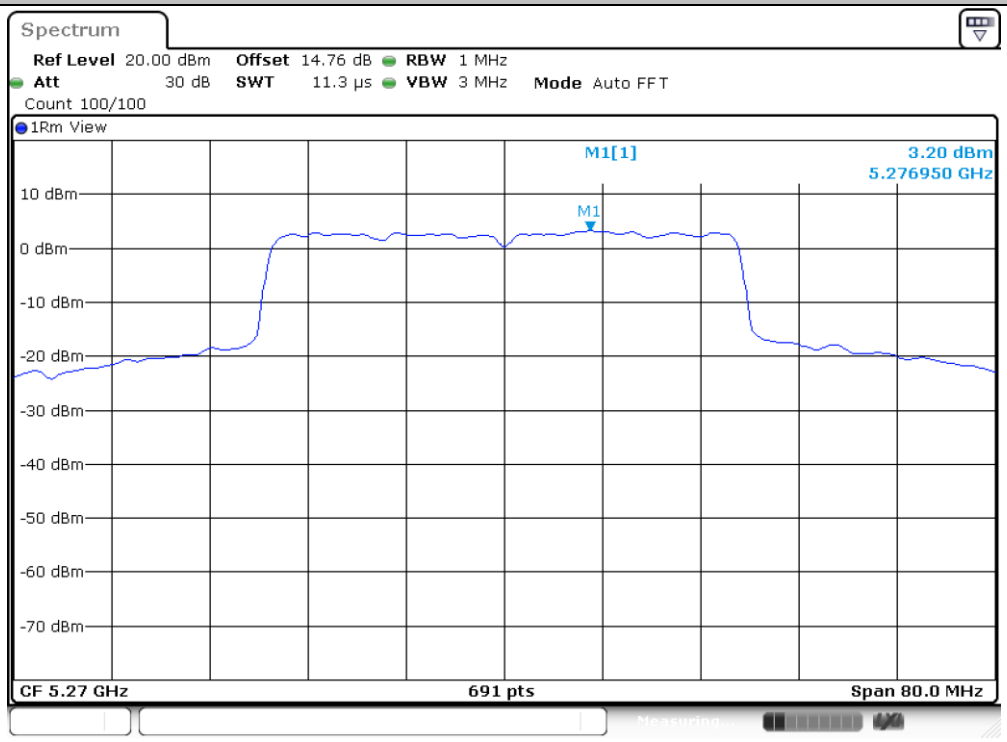

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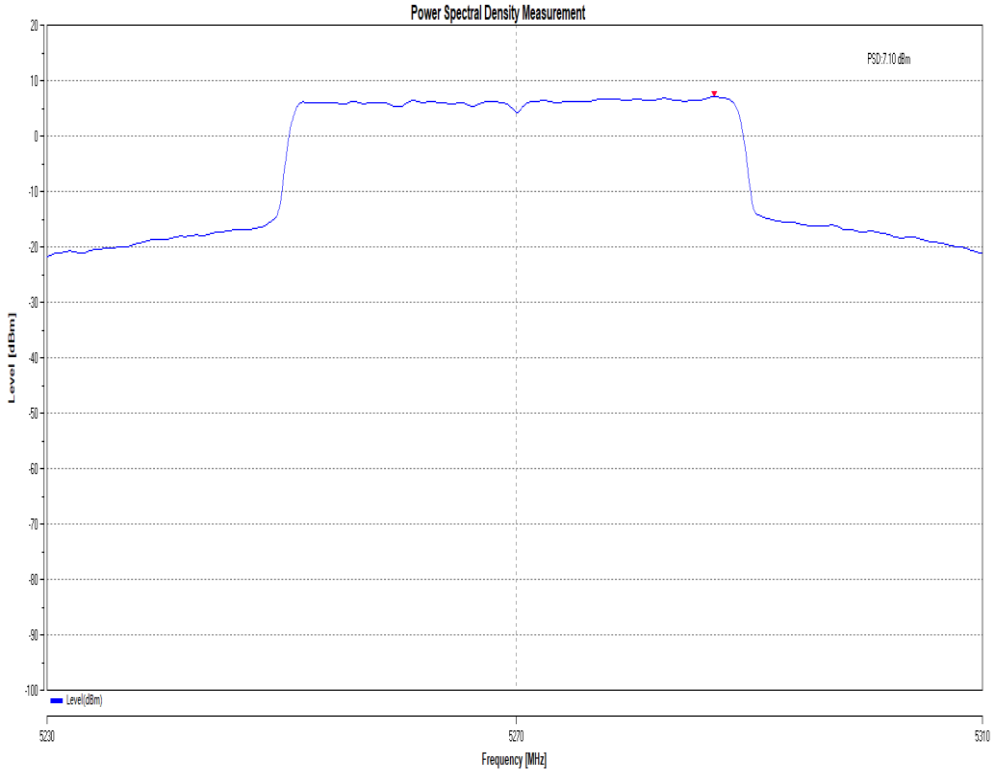

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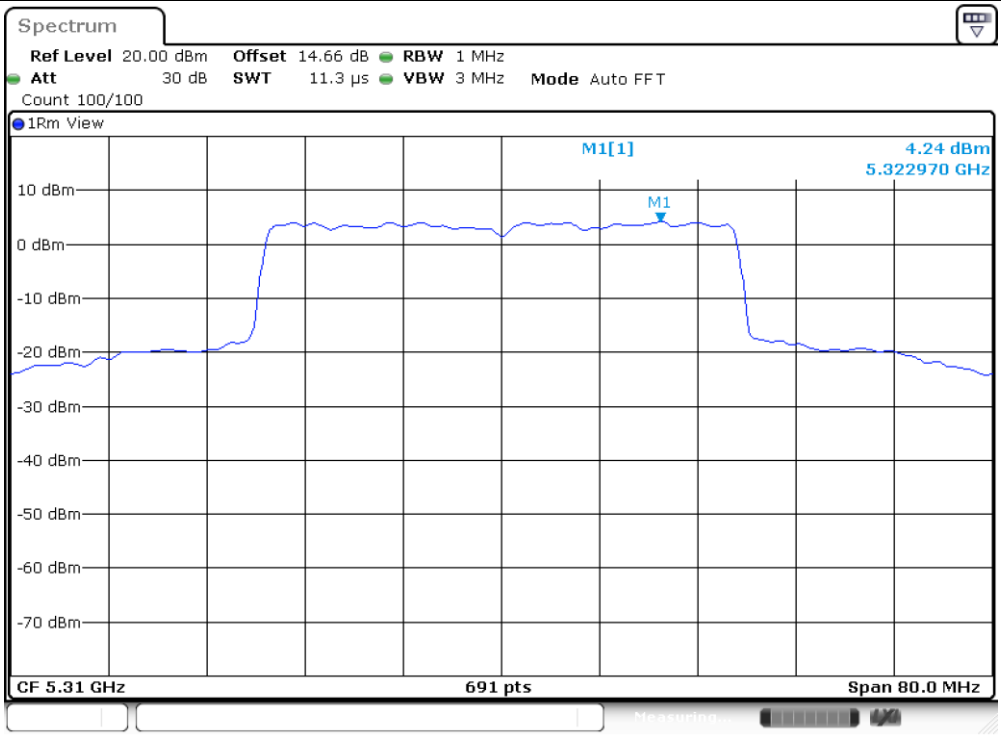

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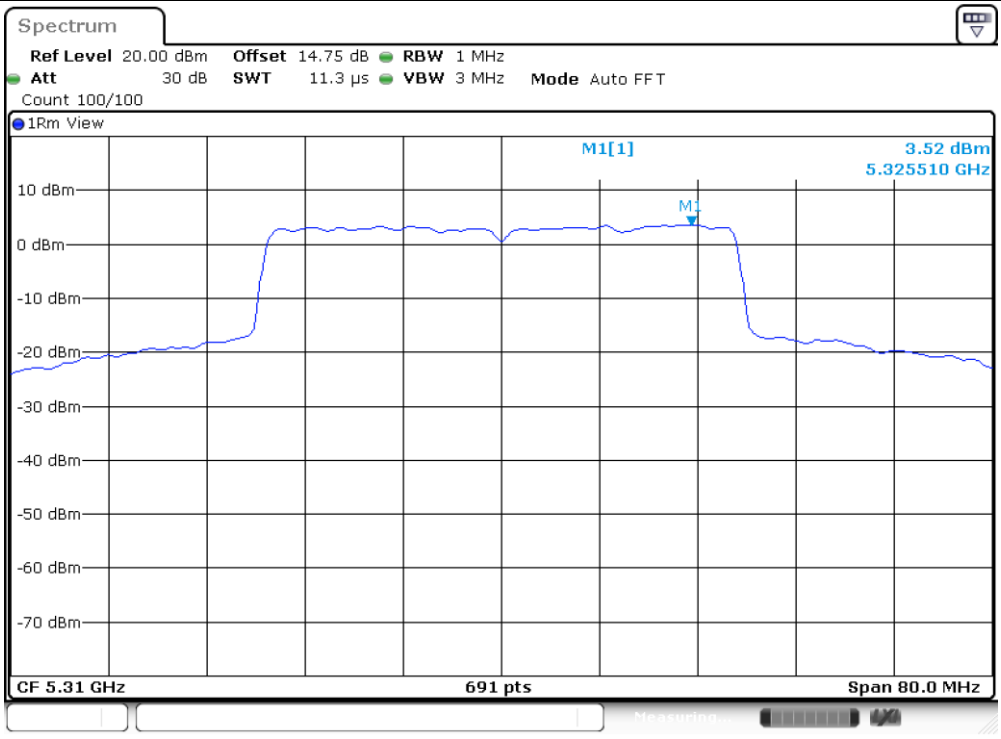

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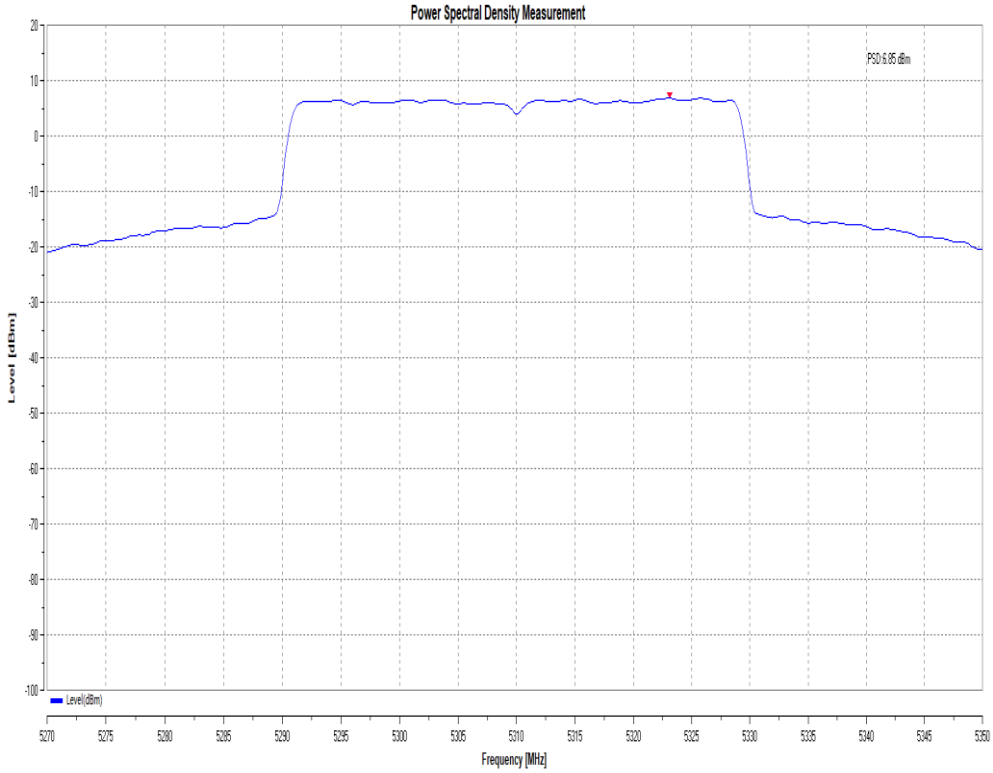

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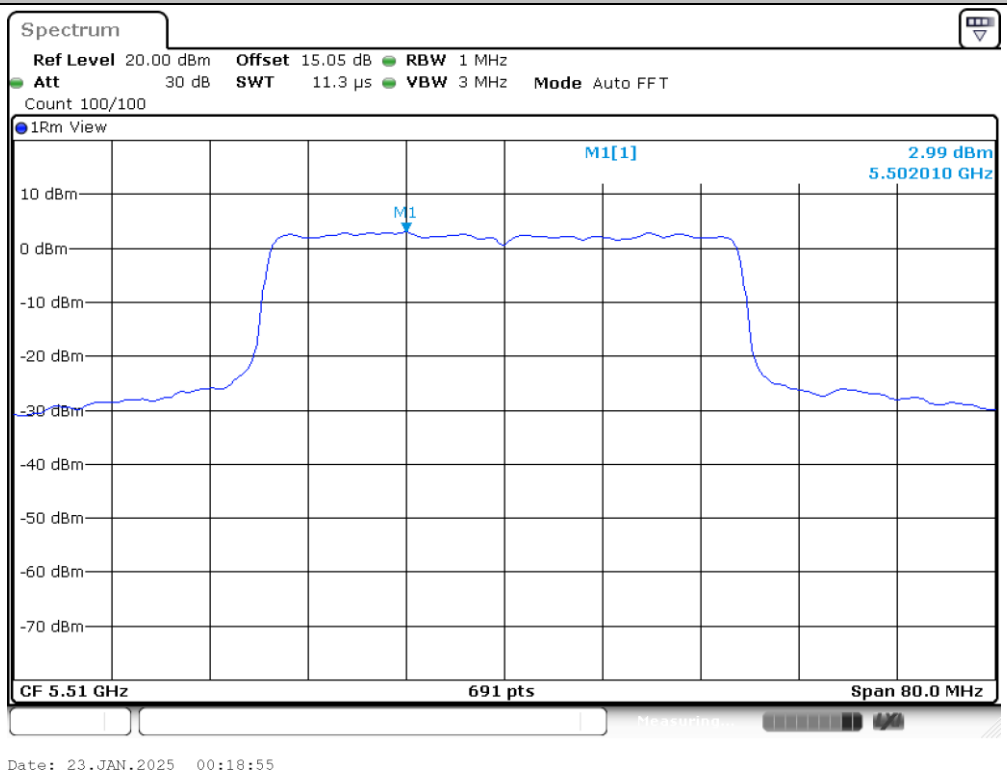

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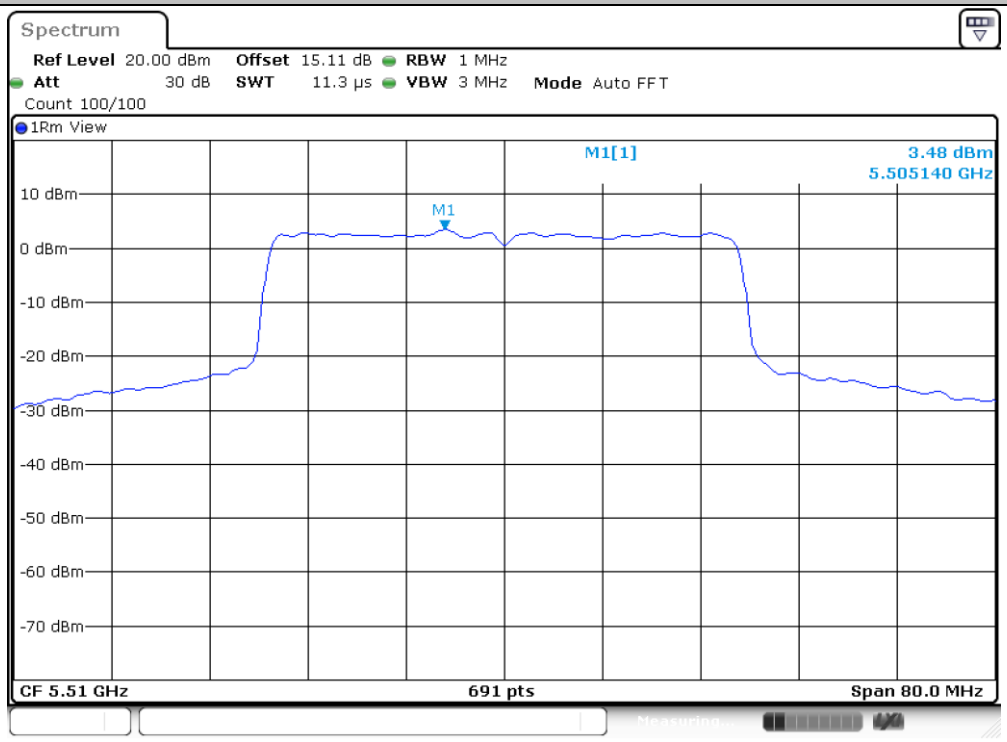

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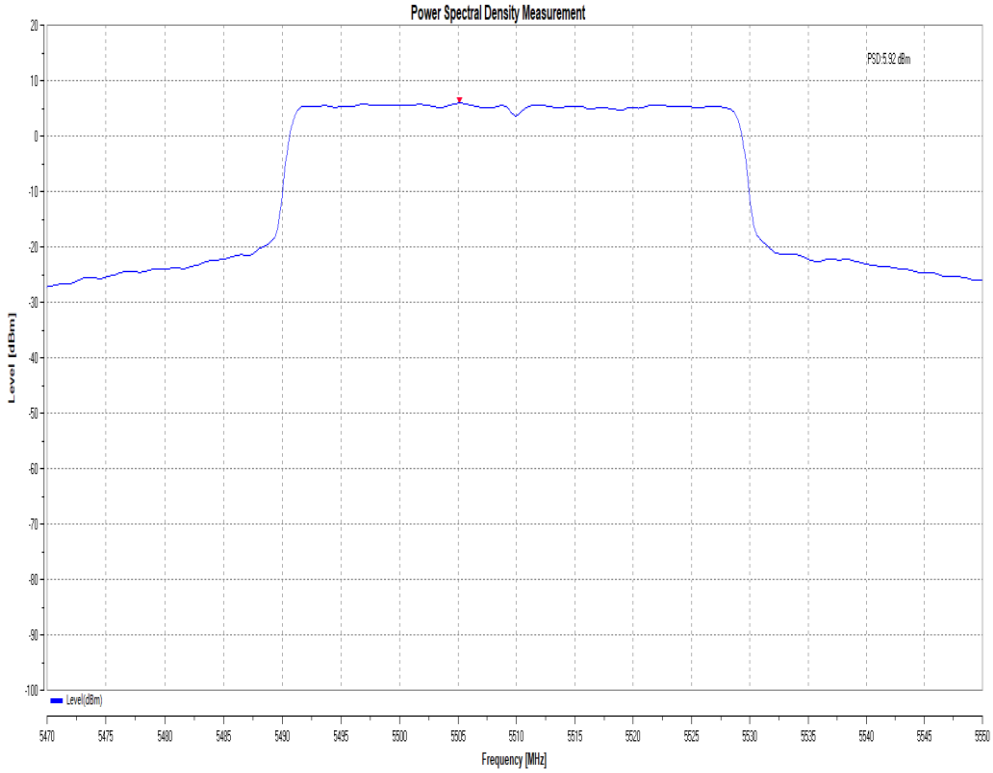

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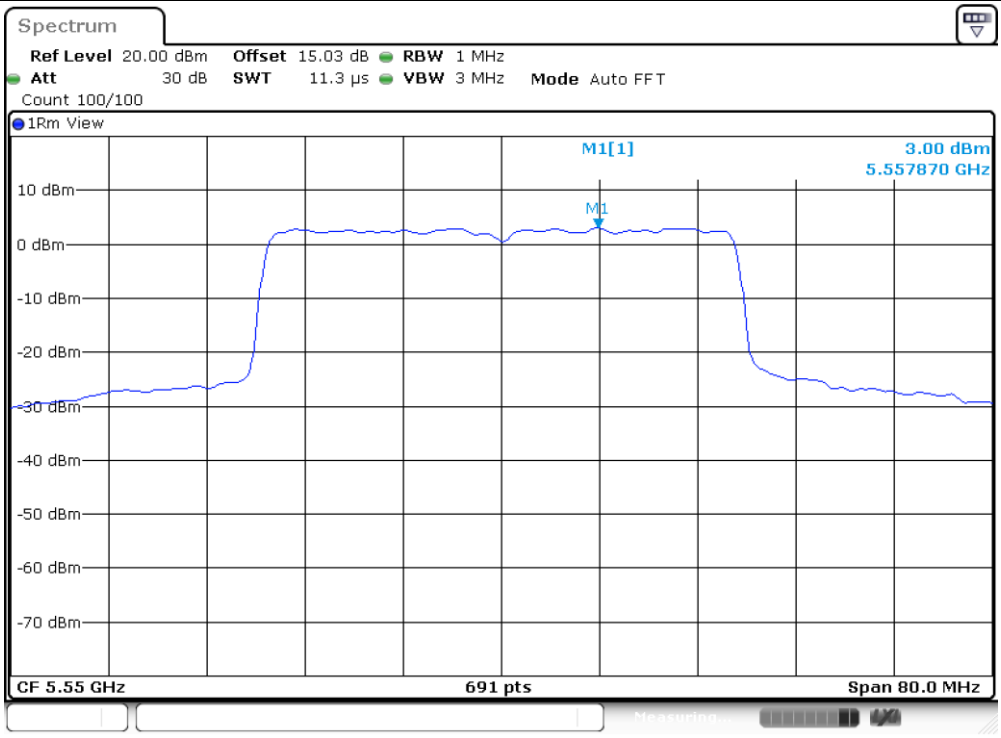

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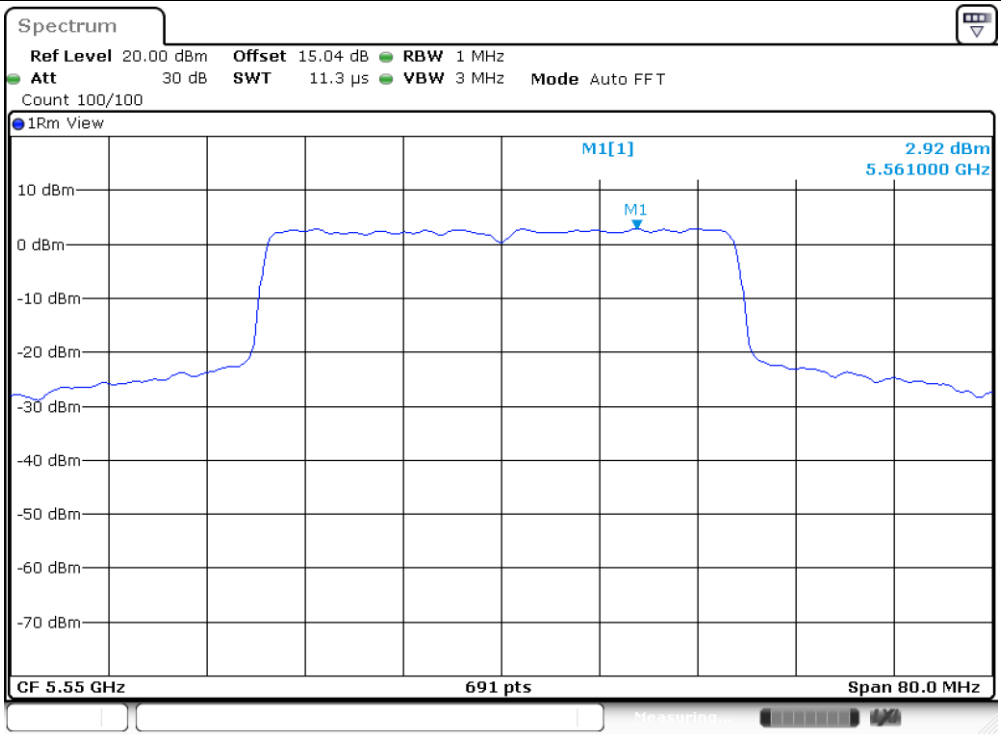

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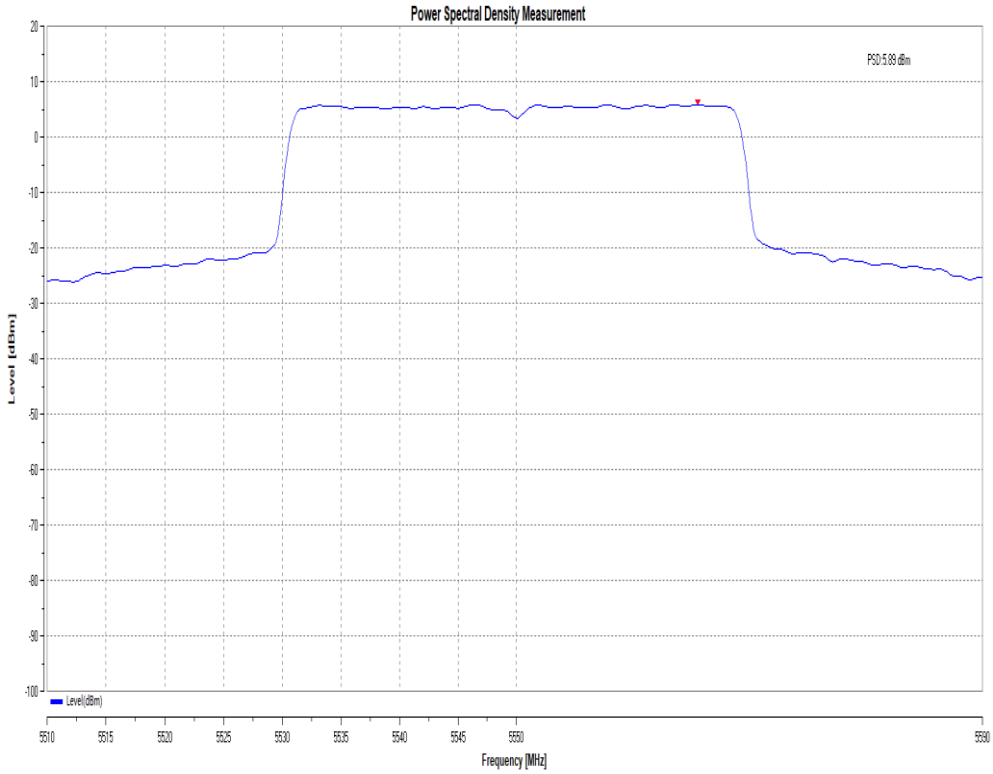

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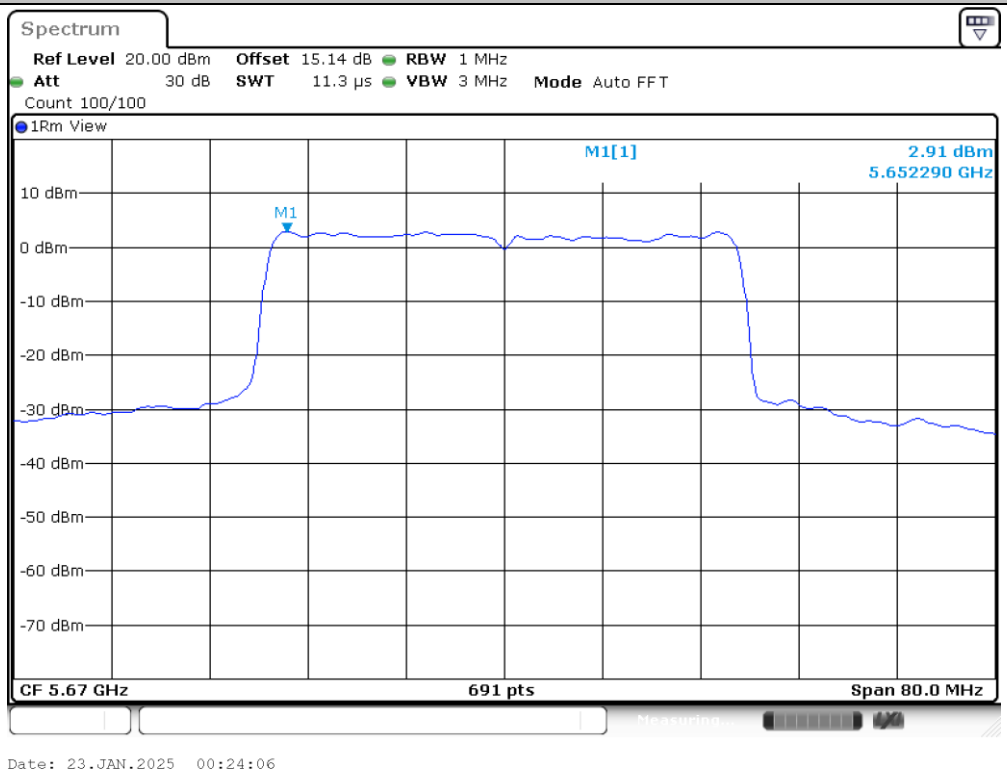

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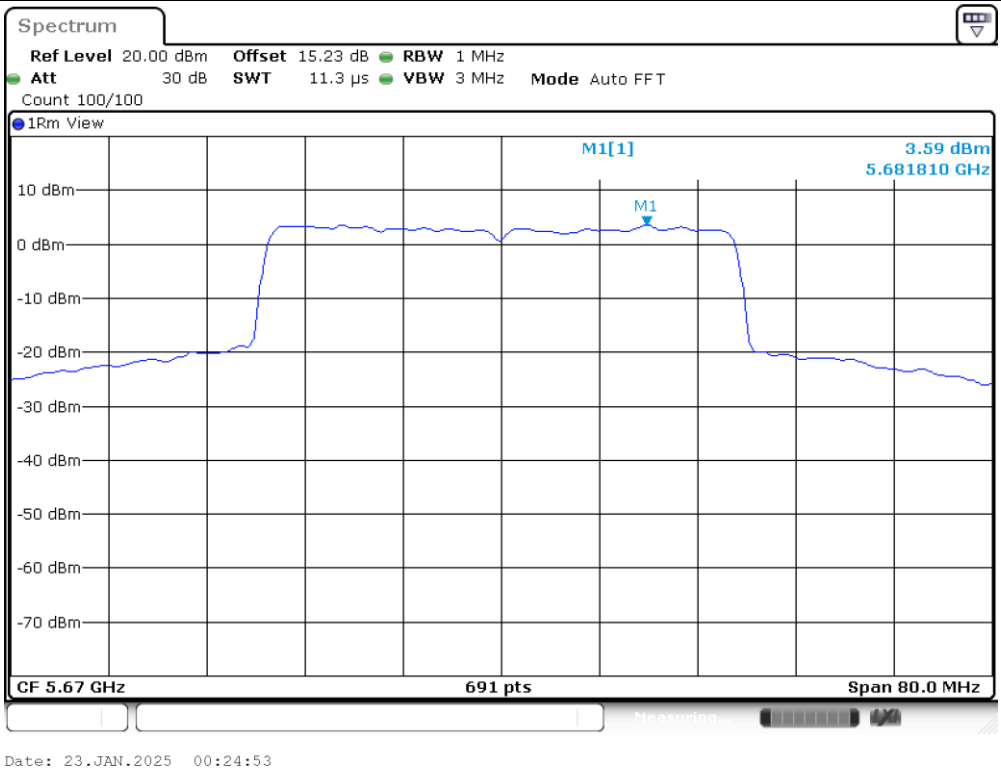

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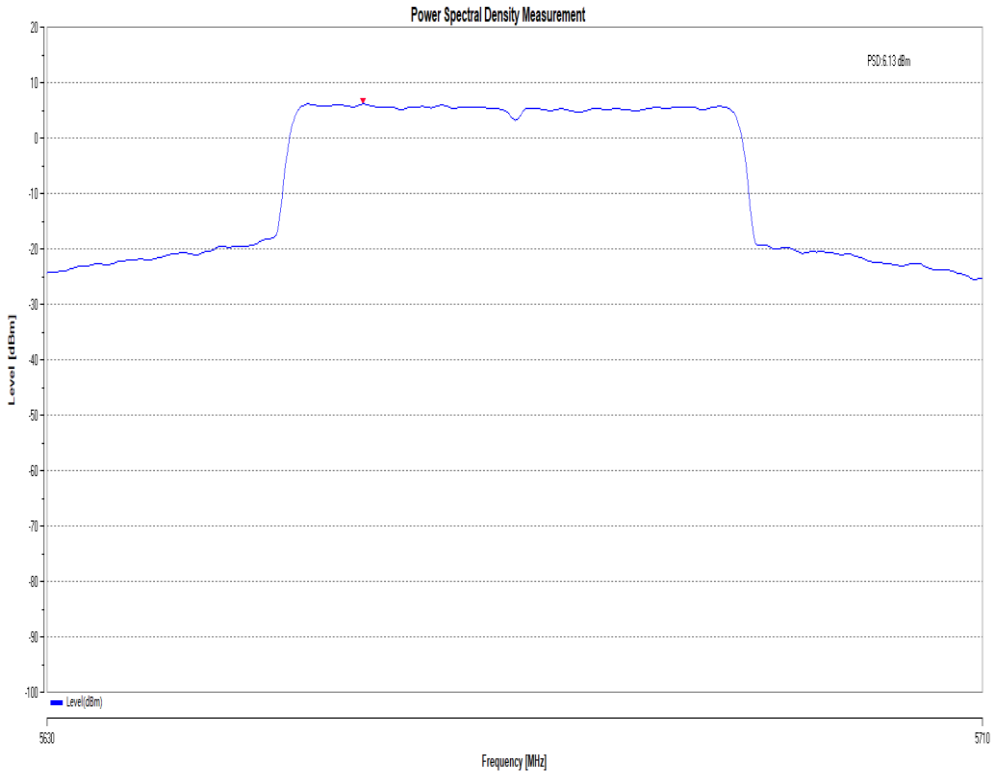

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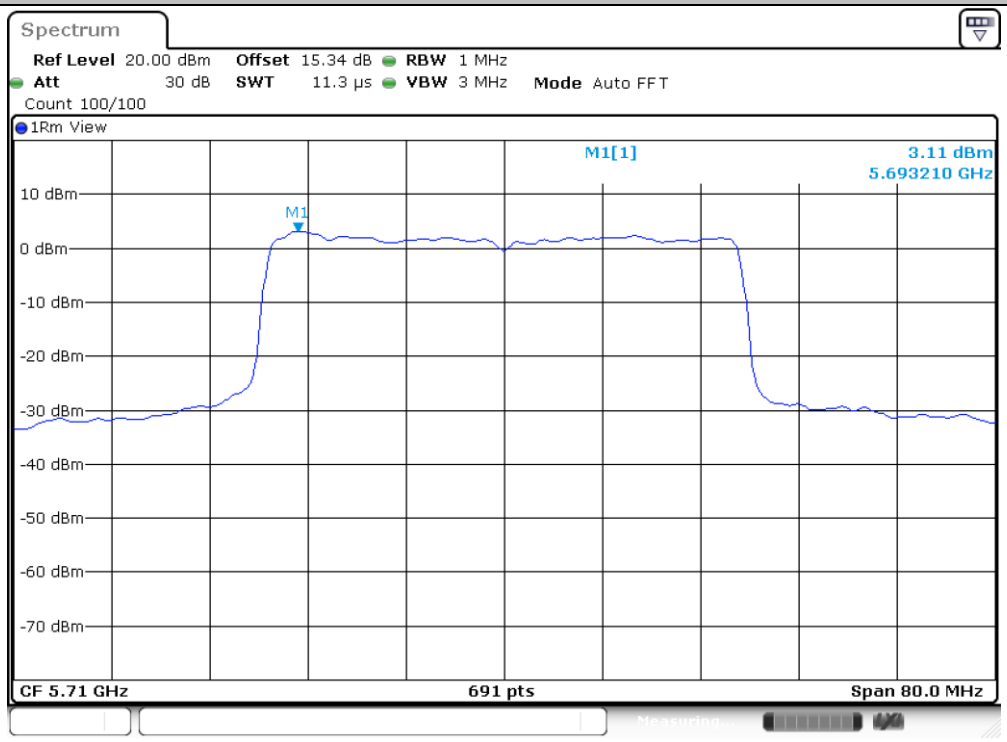

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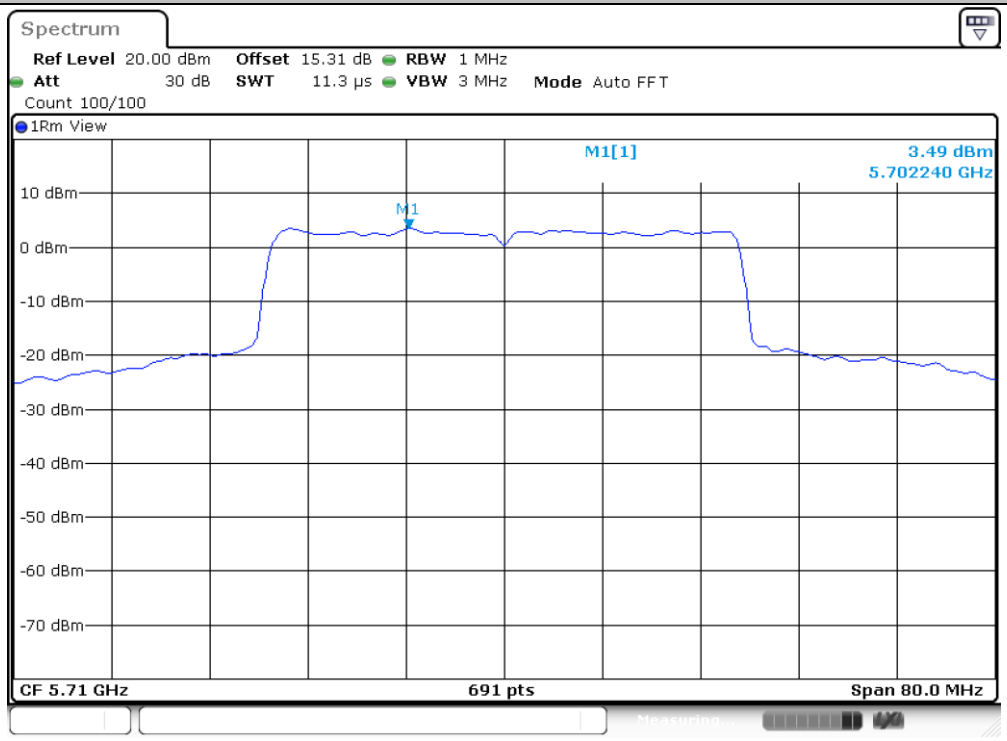

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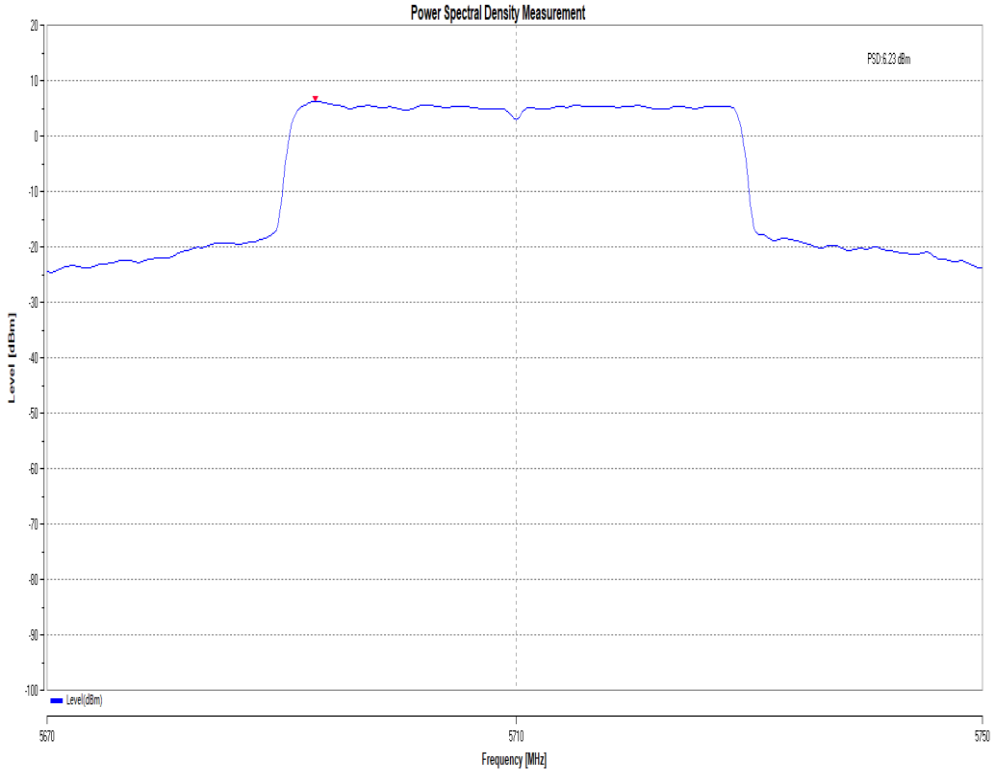
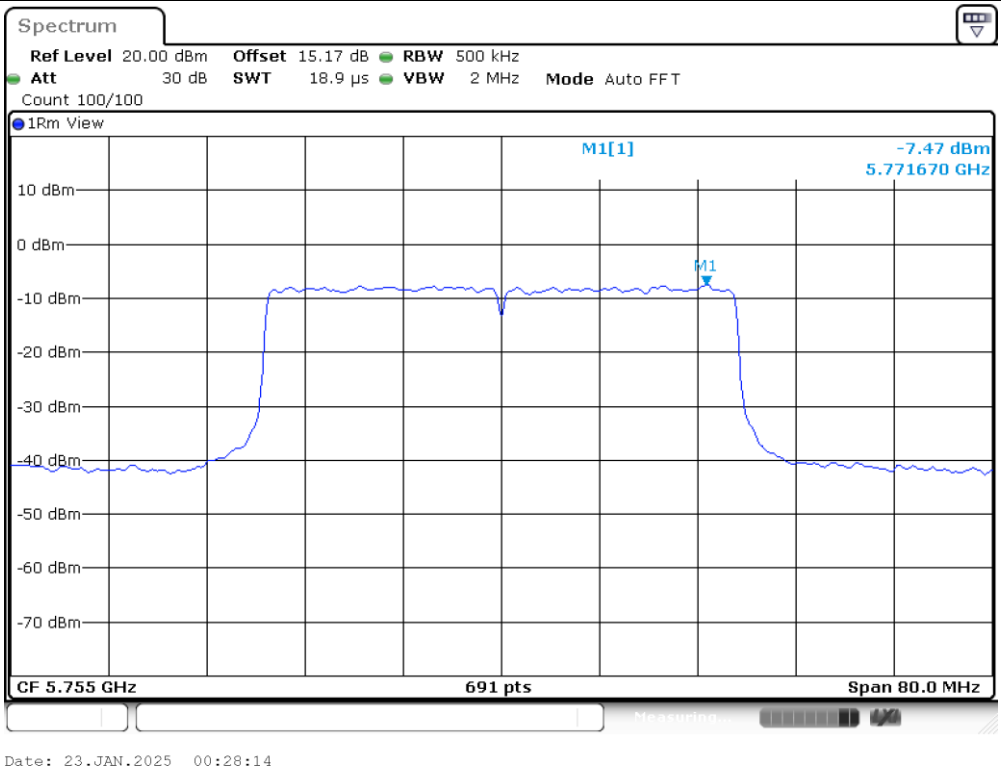
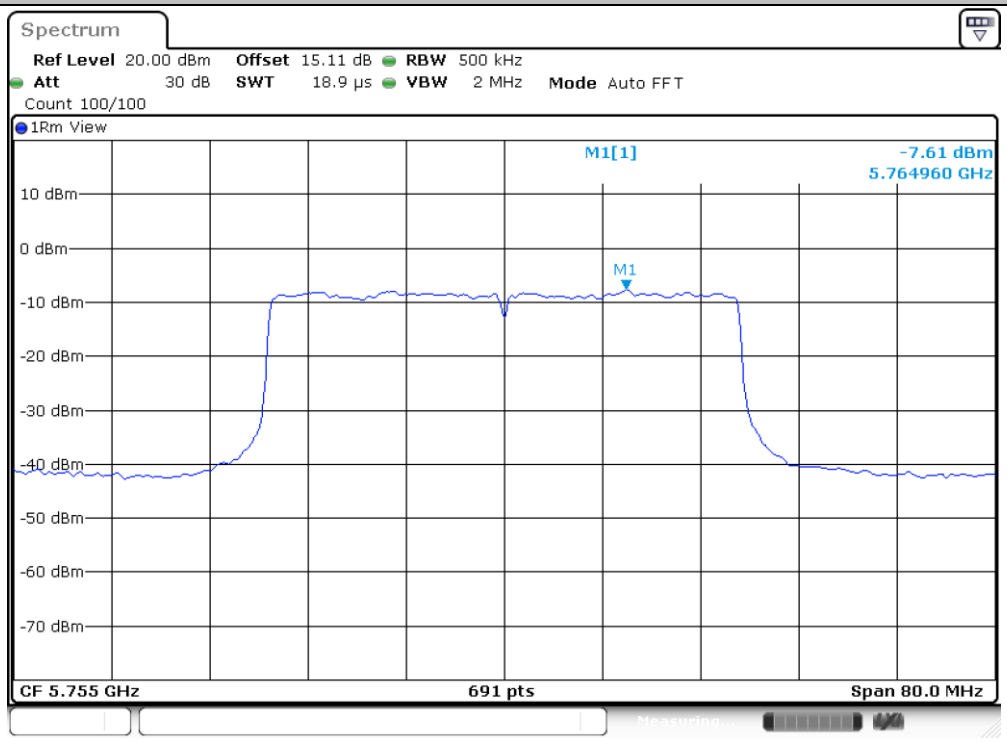


11AX40MIMO_Ant11_5755

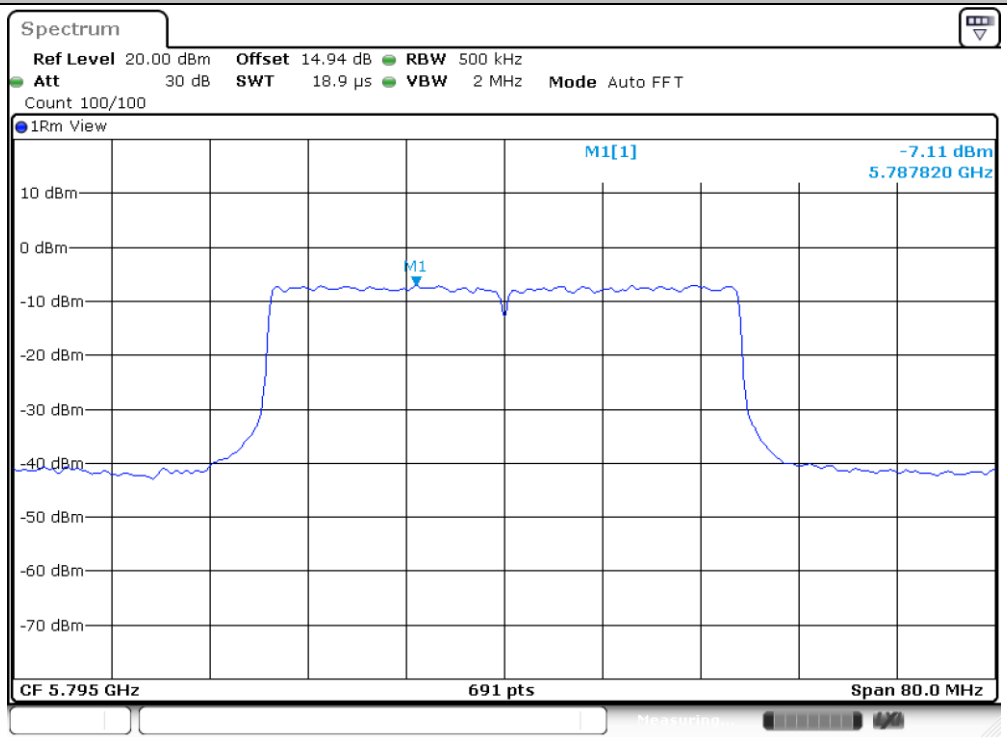


11AX40MIMO_Ant10_5755



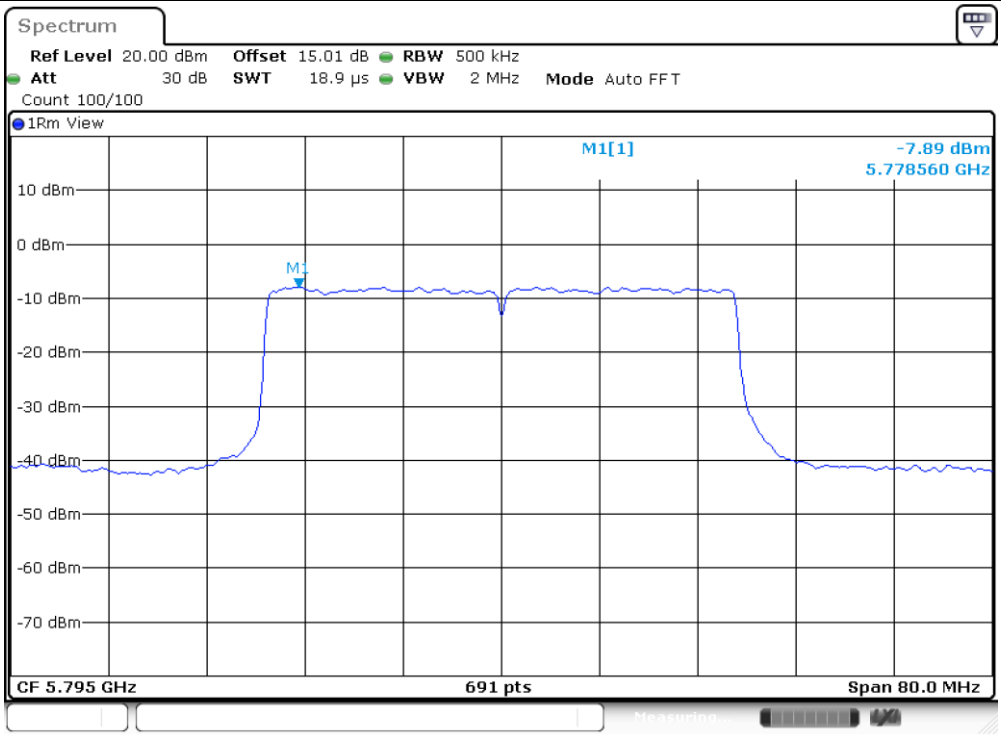
Date: 23.JAN.2025 00:29:04

11AX40MIMO_Ant11_5795



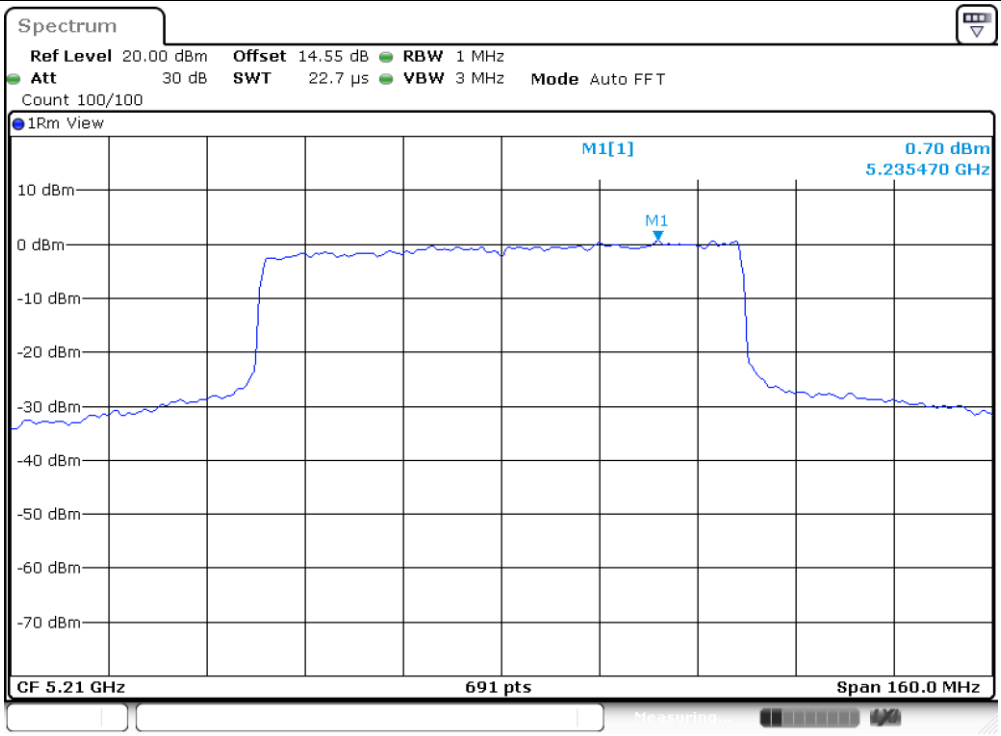
Date: 23.JAN.2025 00:30:49

11AX40MIMO_Ant10_5795



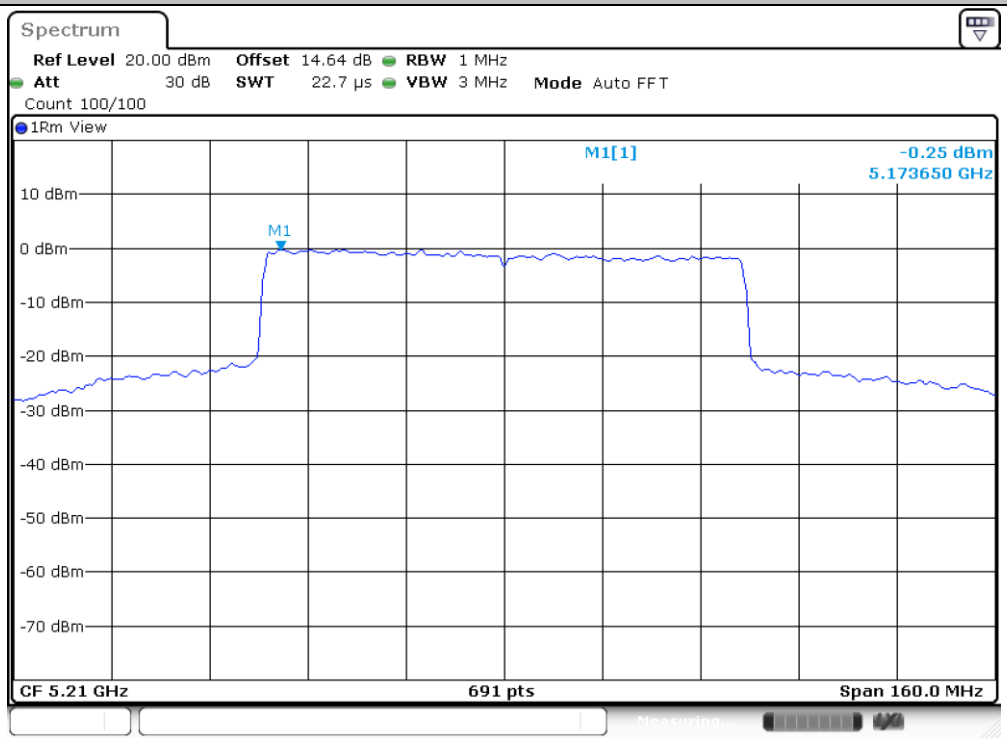
Date: 23.JAN.2025 00:31:39

11AX80MIMO_Ant11_5210

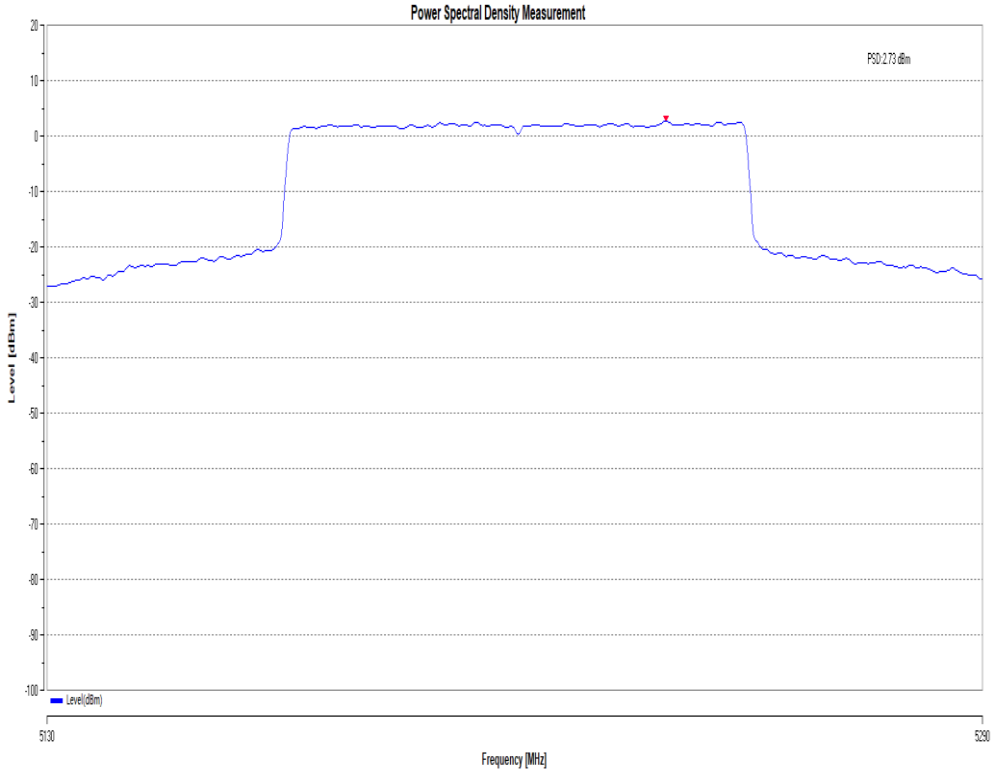


Date: 23.JAN.2025 00:33:18

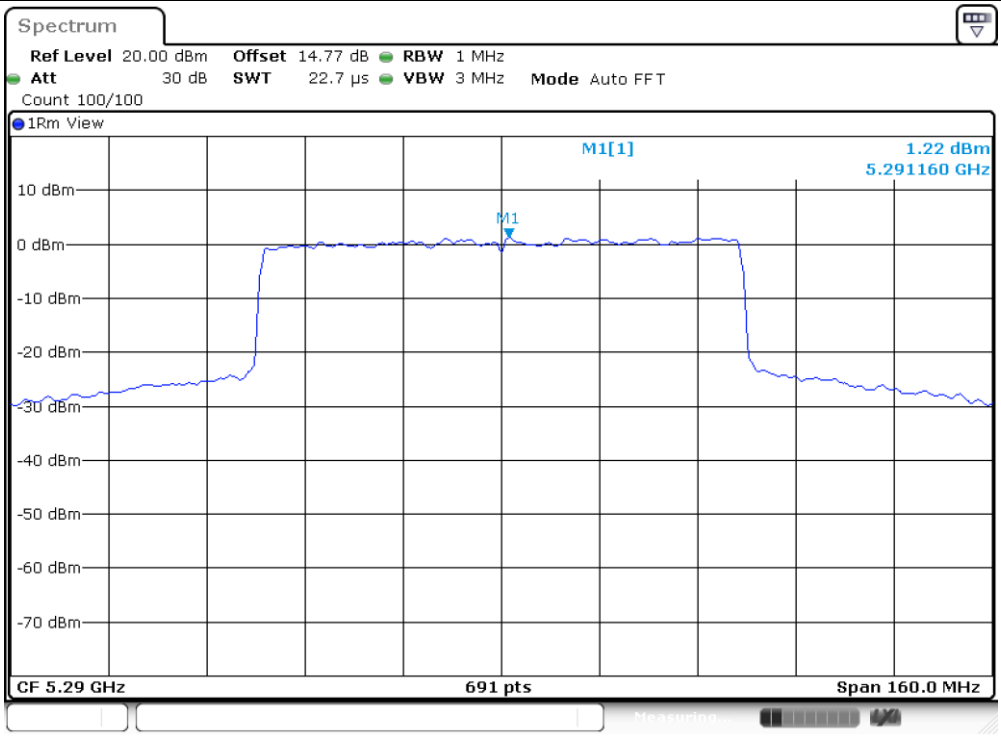
11AX80MIMO_Ant10_5210



11AX80MIMO_total_5210

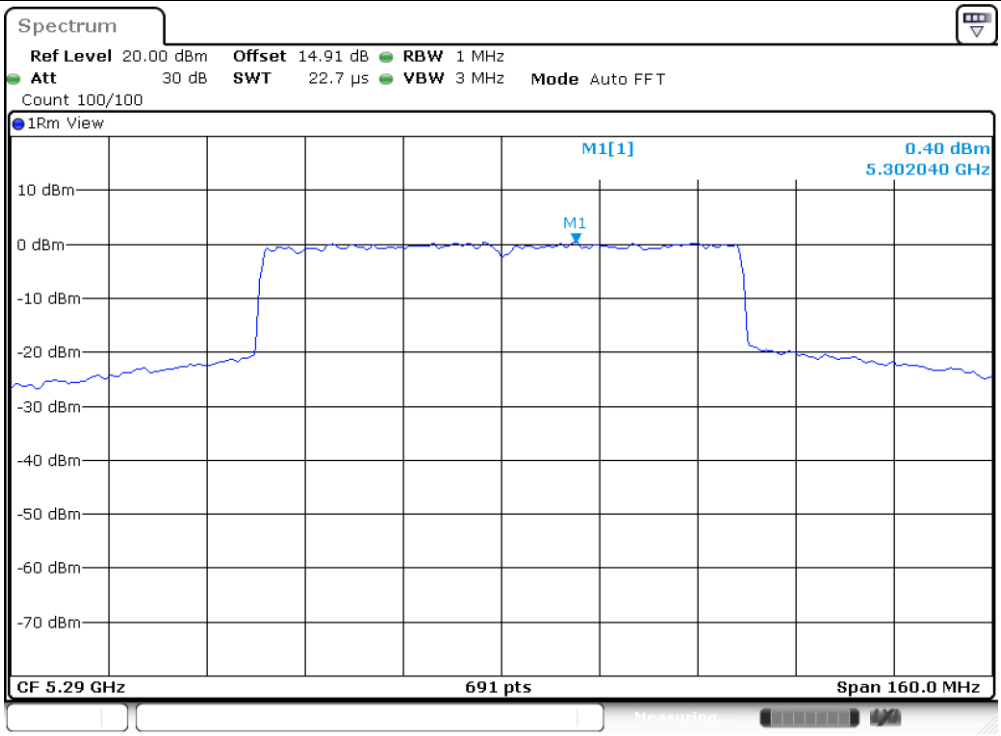


11AX80MIMO_Ant11_5290



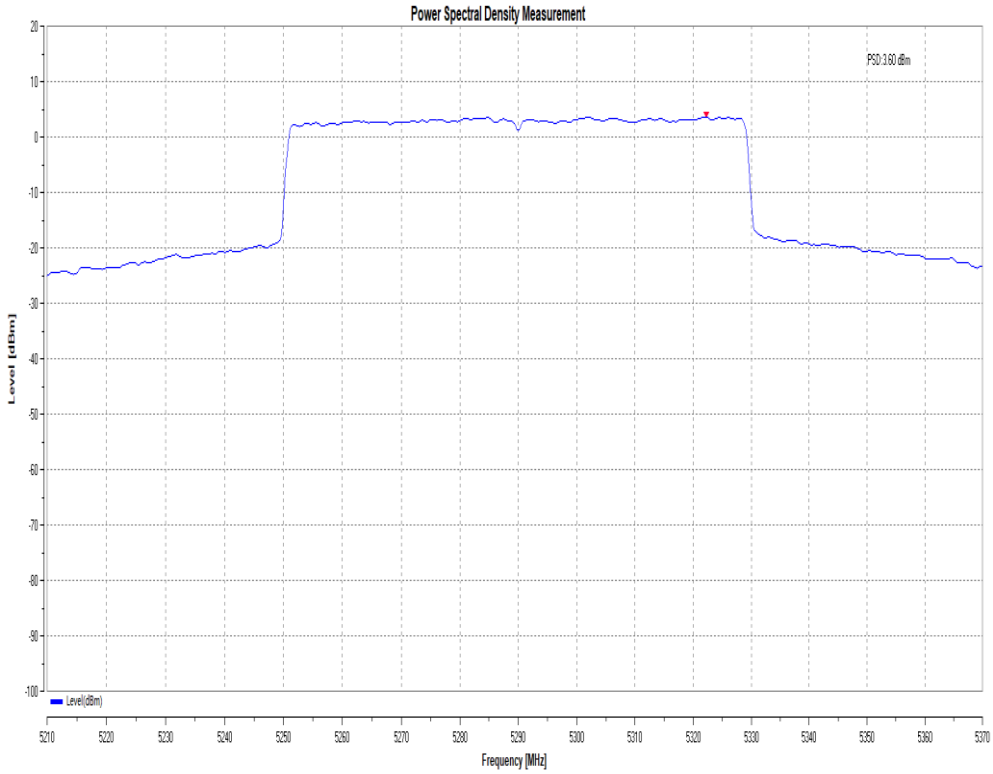
Date: 23.JAN.2025 00:39:00

11AX80MIMO_Ant10_5290

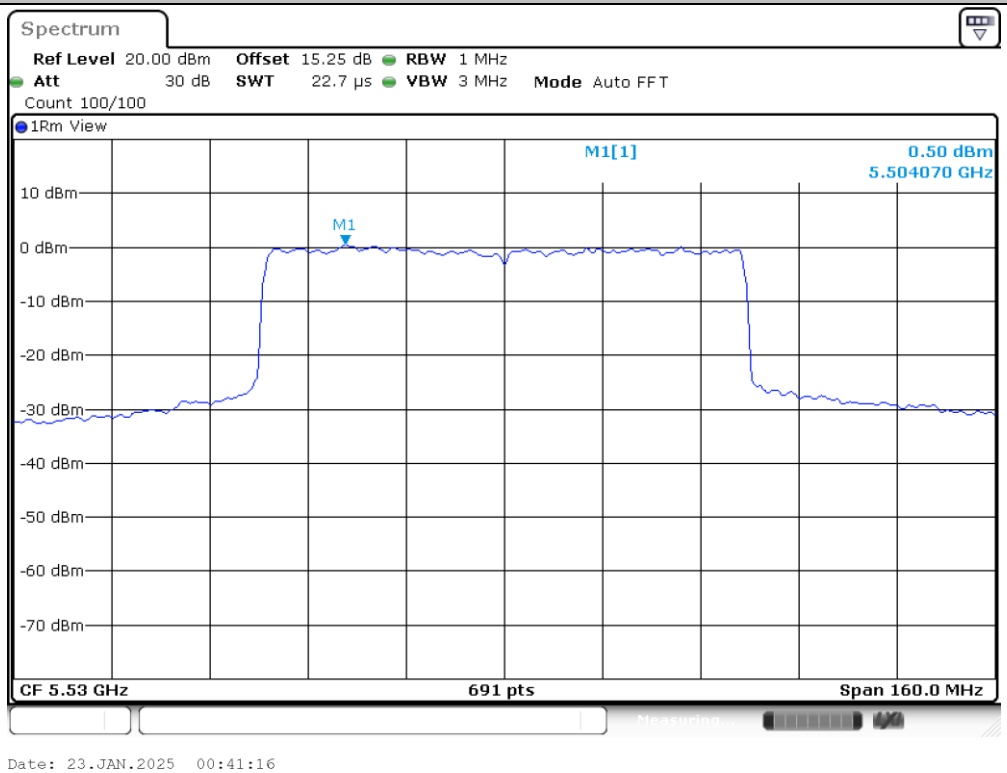


Date: 23.JAN.2025 00:40:07

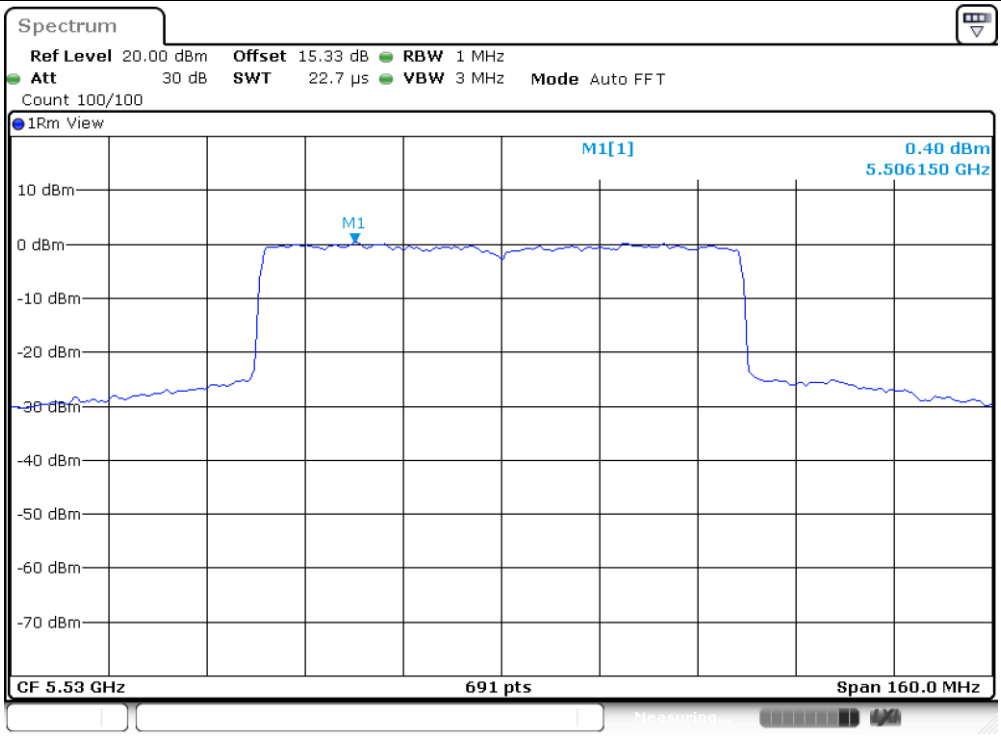
11AX80MIMO_total_5290



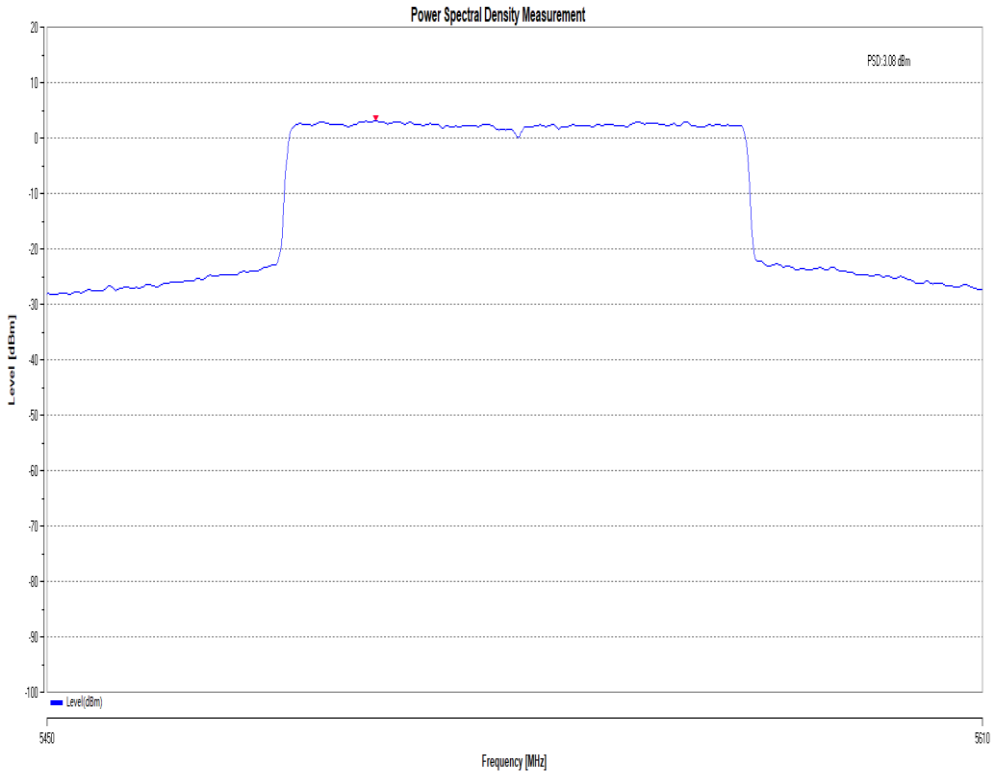
11AX80MIMO_Ant11_5530



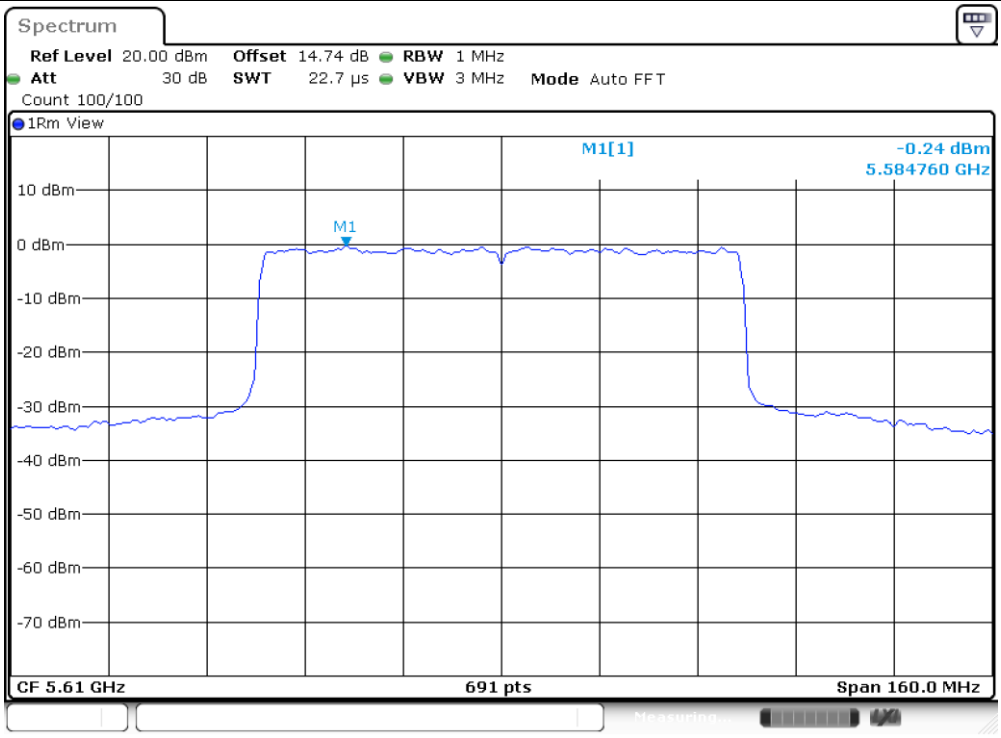
11AX80MIMO_Ant10_5530



11AX80MIMO_total_5530

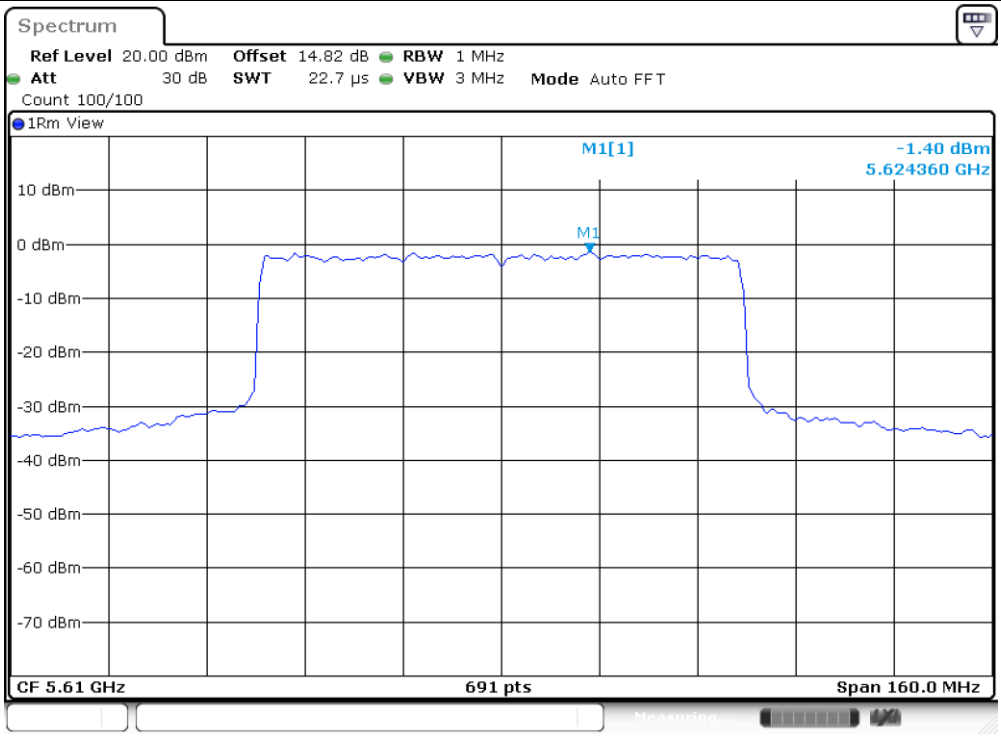


11AX80MIMO_Ant11_5610



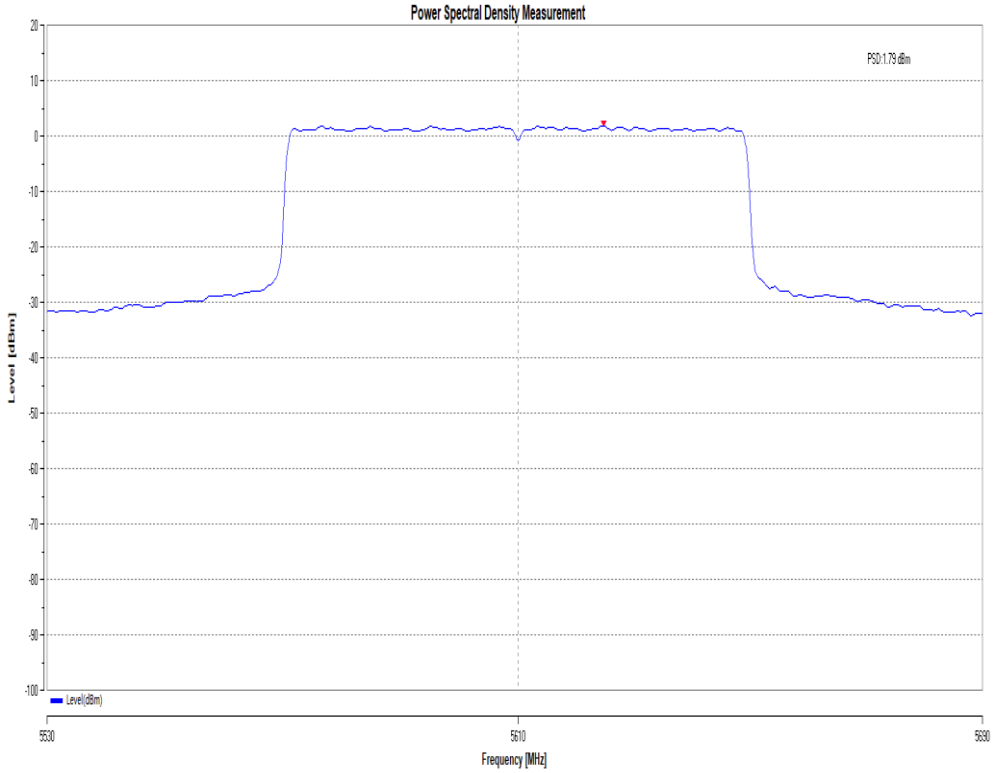
Date: 23.JAN.2025 00:43:41

11AX80MIMO_Ant10_5610

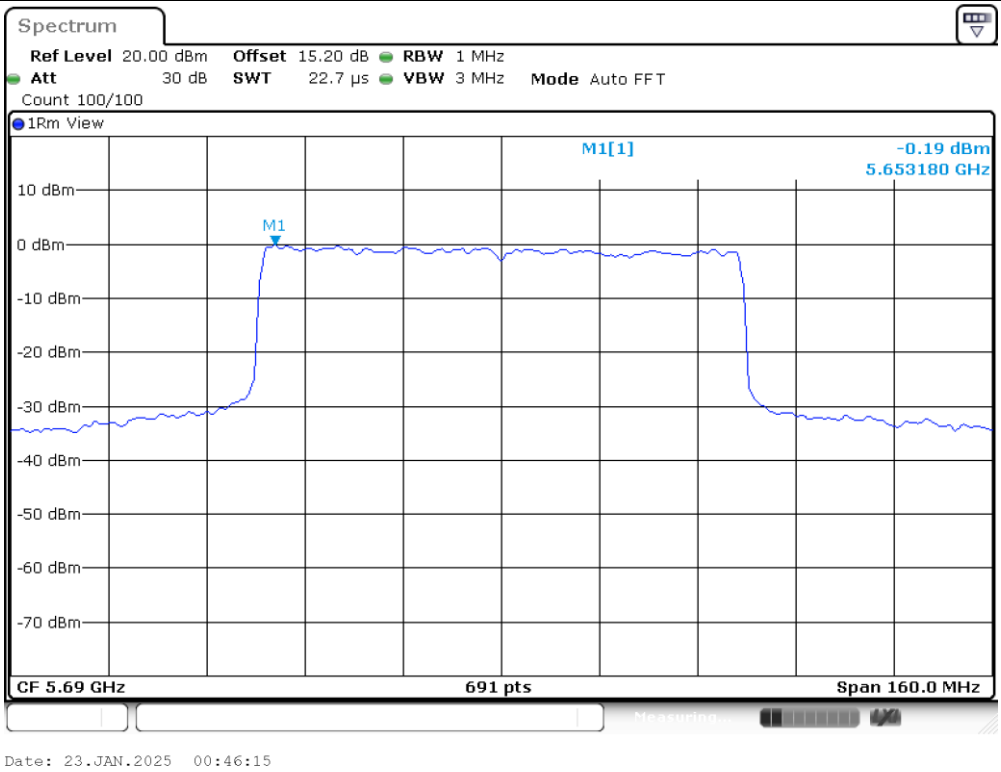


Date: 23.JAN.2025 00:44:17

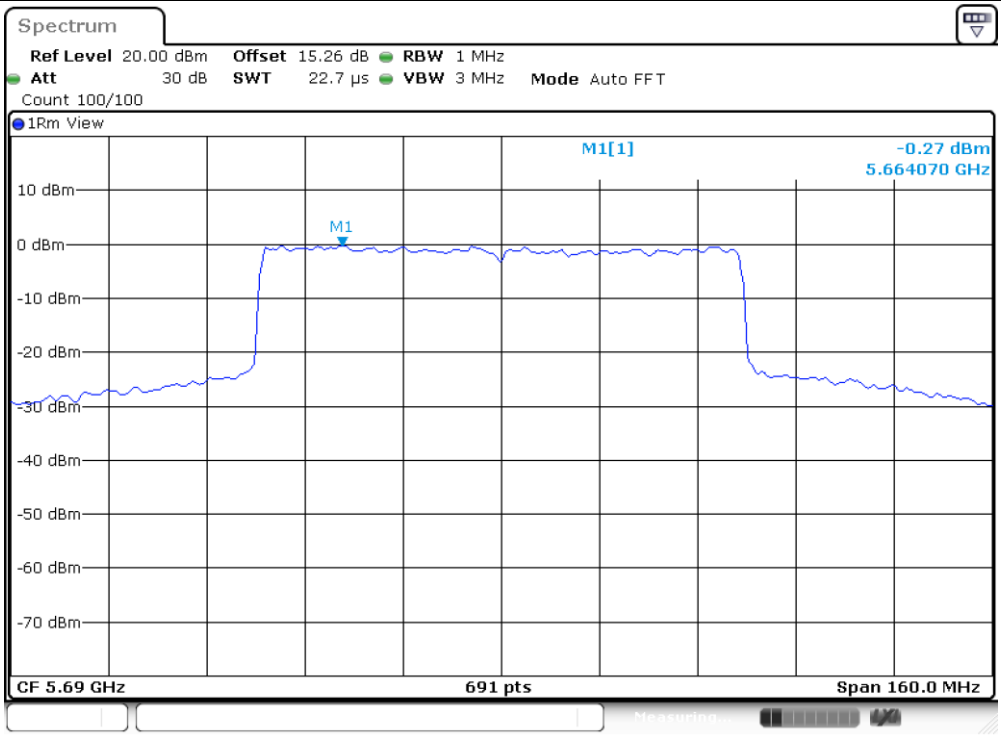
11AX80MIMO_total_5610



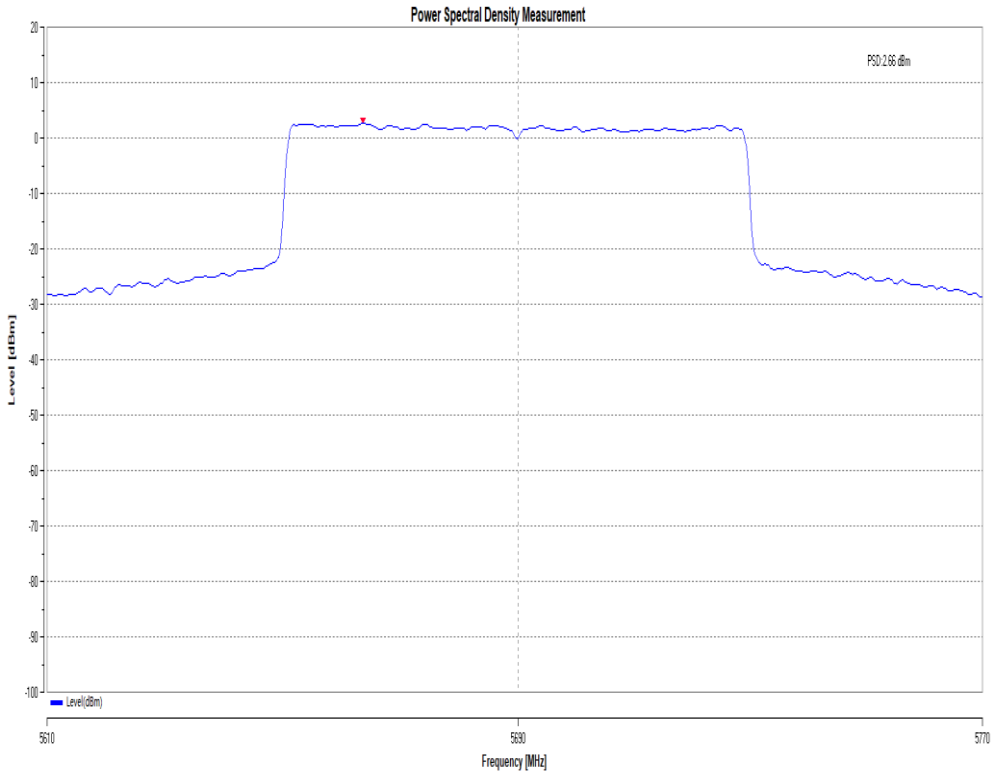
11AX80MIMO_Ant11_5690



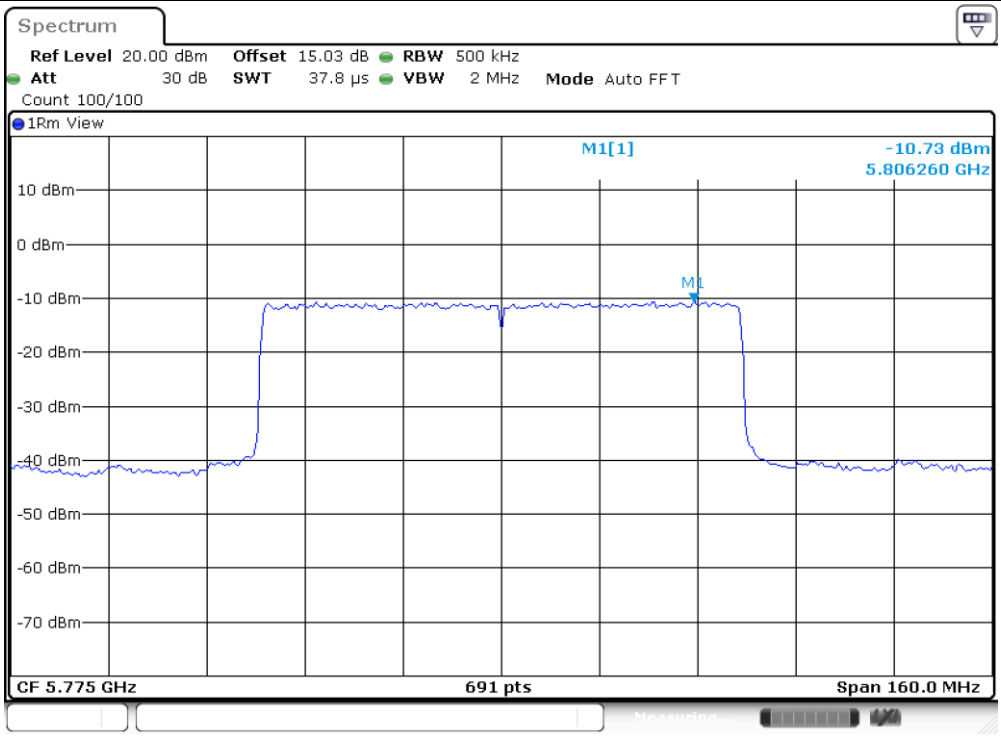
11AX80MIMO_Ant10_5690



11AX80MIMO_total_5690

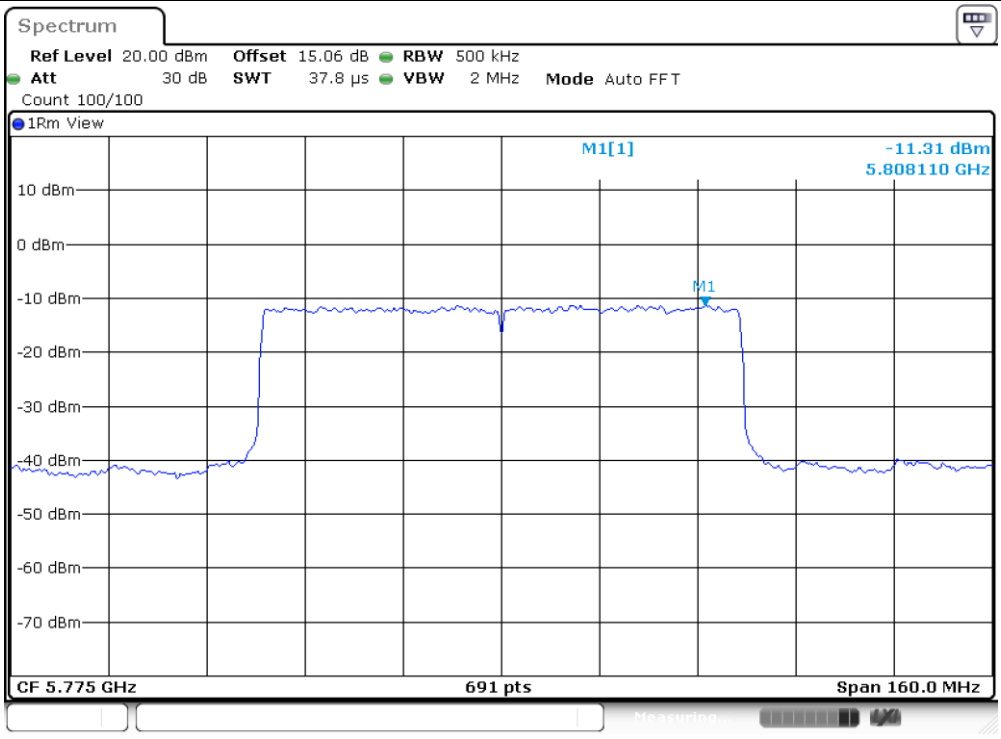


11AX80MIMO_Ant11_5775



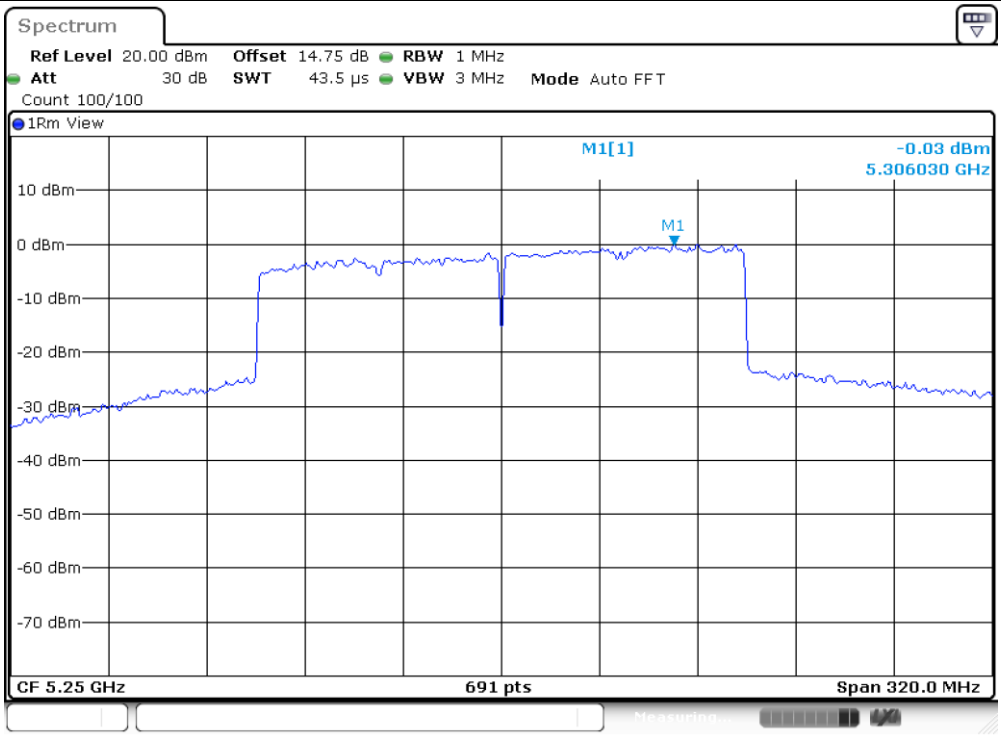
Date: 23.JAN.2025 00:51:33

11AX80MIMO_Ant10_5775



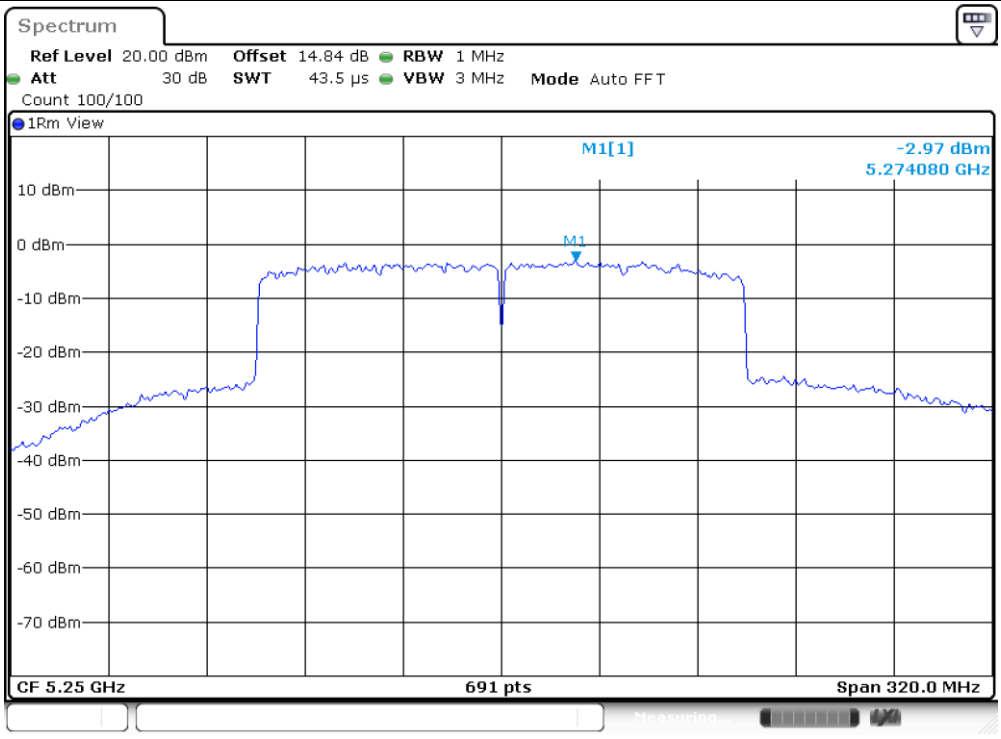
Date: 23.JAN.2025 00:52:22

11AX160MIMO_Ant11_5250



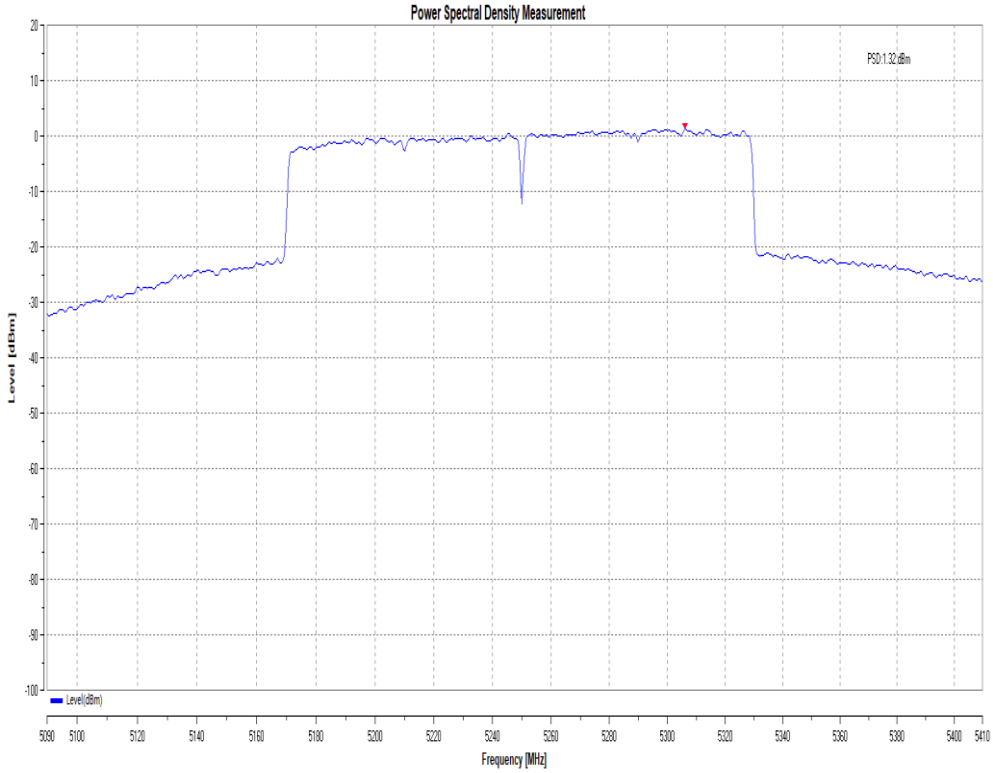
Date: 23.JAN.2025 00:56:58

11AX160MIMO_Ant10_5250

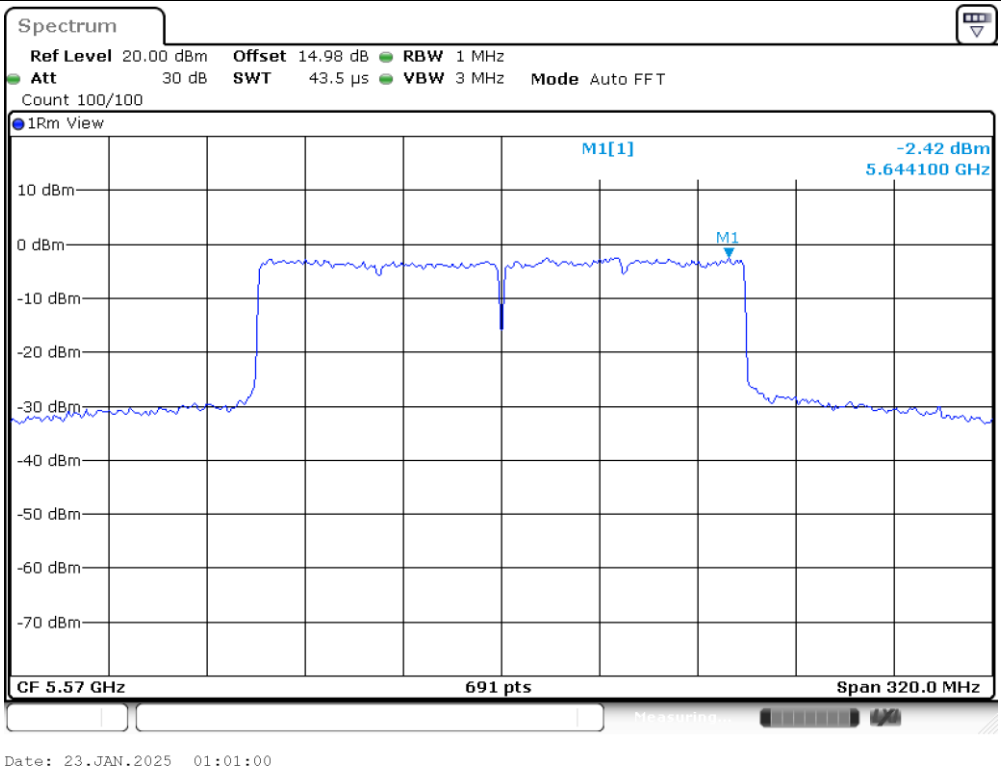


Date: 23.JAN.2025 00:58:06

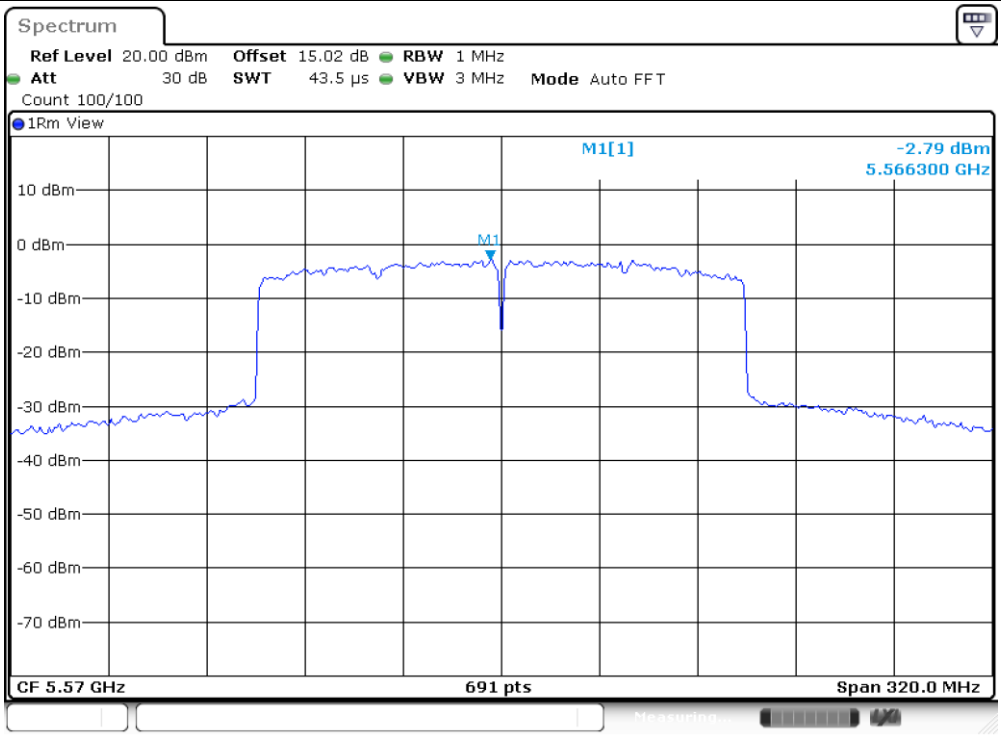
11AX160MIMO_total_5250



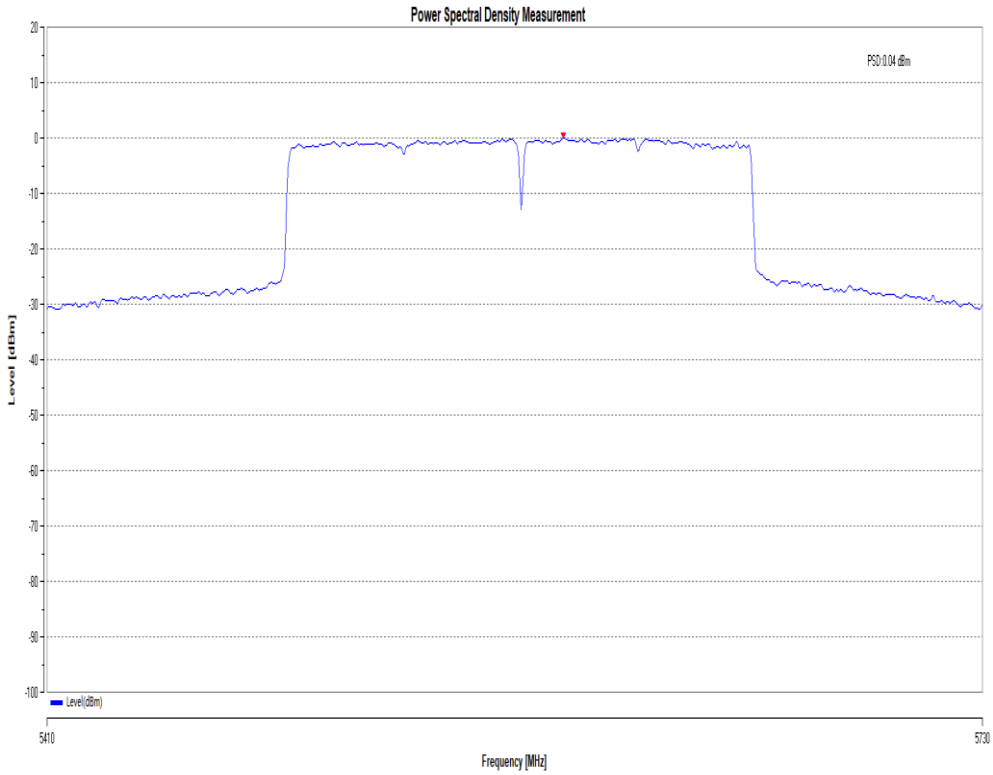
11AX160MIMO_Ant11_5570



11AX160MIMO_Ant10_5570



11AX160MIMO_total_5570



Single RU

Maximum conducted output power

Test Result

Test Mode	Antenna	Freq(MHz)	Ru Size	Ru Index	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Conducted Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11AX20MIMO	Ant11	5180	26Tone	RU0	7.5	5.76	99.63	0.02	5.78	≤23.98	-4.31	1.47	---	PASS
			52Tone	RU37	10.5	8.99	99.63	0.02	9.01	≤23.98	-4.31	4.7	---	PASS
			106Tone	RU53	13	11.8	99.63	0.02	11.82	≤23.98	-4.31	7.51	---	PASS
	Ant10	5180	26Tone	RU0	7.5	7.82	100.00	0.00	7.82	≤23.98	0.71	8.53	---	PASS
			52Tone	RU37	10.5	10.45	100.00	0.00	10.45	≤23.98	0.71	11.16	---	PASS
			106Tone	RU53	13	13.39	100.00	0.00	13.39	≤23.98	0.71	14.1	---	PASS
	total	5180	26Tone	RU0	---	---	---	---	9.93	≤23.98	0.71	10.64	---	PASS
			52Tone	RU37	---	---	---	---	12.8	≤23.98	0.71	13.51	---	PASS
			106Tone	RU53	---	---	---	---	15.69	≤23.98	0.71	16.4	---	PASS
	Ant11	5320	26Tone	RU8	6	5.53	99.63	0.02	5.55	≤23.98	-4.31	1.24	---	PASS
			52Tone	RU40	8.5	8.29	99.63	0.02	8.31	≤23.98	-4.31	4	---	PASS
			106Tone	RU54	11.5	11.45	99.63	0.02	11.47	≤23.98	-4.31	7.16	---	PASS
	Ant10	5320	26Tone	RU8	6	6.59	100.00	0.00	6.59	≤23.98	2.30	8.89	---	PASS
			52Tone	RU40	8.5	8.99	100.00	0.00	8.99	≤23.98	2.30	11.29	---	PASS
			106Tone	RU54	11.5	12.34	100.00	0.00	12.34	≤23.98	2.30	14.64	---	PASS
	total	5320	26Tone	RU8	---	---	---	---	9.11	≤23.98	2.30	11.41	---	PASS
			52Tone	RU40	---	---	---	---	11.67	≤23.98	2.30	13.97	---	PASS
			106Tone	RU54	---	---	---	---	14.94	≤23.98	2.30	17.24	---	PASS
	Ant11	5500	26Tone	RU0	6.5	5.25	99.63	0.02	5.27	≤23.98	-7.22	-1.95	---	PASS
			52Tone	RU37	9	7.72	99.63	0.02	7.74	≤23.98	-7.22	0.52	---	PASS
			106Tone	RU53	12	11.06	99.63	0.02	11.08	≤23.98	-7.22	3.86	---	PASS
	Ant10	5500	26Tone	RU0	6.5	5.92	100.00	0.00	5.92	≤23.98	3.78	9.7	---	PASS
			52Tone	RU37	9	8.67	100.00	0.00	8.67	≤23.98	3.78	12.45	---	PASS
			106Tone	RU53	12	11.81	100.00	0.00	11.81	≤23.98	3.78	15.59	---	PASS
	total	5500	26Tone	RU0	---	---	---	---	8.62	≤23.98	3.78	12.4	---	PASS
			52Tone	RU37	---	---	---	---	11.24	≤23.98	3.78	15.02	---	PASS
			106Tone	RU53	---	---	---	---	14.47	≤23.98	3.78	18.25	---	PASS
	Ant11	5700	26Tone	RU8	7	6.01	99.63	0.02	6.03	≤23.98	-7.22	-1.19	---	PASS
			52Tone	RU40	9.5	8.69	99.63	0.02	8.71	≤23.98	-7.22	1.49	---	PASS
			106Tone	RU54	12.5	11.87	99.63	0.02	11.89	≤23.98	-7.22	4.67	---	PASS
	Ant10	5700	26Tone	RU8	7	6.36	100.00	0.00	6.36	≤23.98	3.78	10.14	---	PASS
			52Tone	RU40	9.5	9.09	100.00	0.00	9.09	≤23.98	3.78	12.87	---	PASS
			106Tone	RU54	12.5	12.41	100.00	0.00	12.41	≤23.98	3.78	16.19	---	PASS
	total	5700	26Tone	RU8	---	---	---	---	9.21	≤23.98	3.78	12.99	---	PASS
			52Tone	RU40	---	---	---	---	11.91	≤23.98	3.78	15.69	---	PASS
			106Tone	RU54	---	---	---	---	15.17	≤23.98	3.78	18.95	---	PASS
	Ant11	5745	26Tone	RU0	2.5	1.07	99.63	0.02	1.09	≤30.00	-8.28	-7.19	---	PASS
			52Tone	RU37	5	3.01	99.63	0.02	3.03	≤30.00	-8.28	-5.25	---	PASS
			106Tone	RU53	7.5	6.45	99.63	0.02	6.47	≤30.00	-8.28	-1.81	---	PASS

	Ant10	5745	26Tone	RU0	2.5	0.17	100.00	0.00	0.17	≤30.00	2.40	2.57	---	PASS
			52Tone	RU37	5	2.96	100.00	0.00	2.96	≤30.00	2.40	5.36	---	PASS
			106Tone	RU53	7.5	6.84	100.00	0.00	6.84	≤30.00	2.40	9.24	---	PASS
	total	5745	26Tone	RU0	---	---	---	---	3.66	≤30.00	2.40	6.06	---	PASS
			52Tone	RU37	---	---	---	---	6.01	≤30.00	2.40	8.41	---	PASS
			106Tone	RU53	---	---	---	---	9.67	≤30.00	2.40	12.07	---	PASS
	Ant11	5825	26Tone	RU8	3	1.59	99.63	0.02	1.61	≤30.00	-8.28	-6.67	---	PASS
			52Tone	RU40	5.5	3.33	99.63	0.02	3.35	≤30.00	-8.28	-4.93	---	PASS
			106Tone	RU54	8	6.78	99.63	0.02	6.80	≤30.00	-8.28	-1.48	---	PASS
	Ant10	5825	26Tone	RU8	3	0.10	100.00	0.00	0.10	≤30.00	2.40	2.50	---	PASS
			52Tone	RU40	5.5	2.57	100.00	0.00	2.57	≤30.00	2.40	4.97	---	PASS
			106Tone	RU54	8	6.80	100.00	0.00	6.80	≤30.00	2.40	9.20	---	PASS
	total	5825	26Tone	RU8	---	---	---	---	3.93	≤30.00	2.40	6.33	---	PASS
			52Tone	RU40	---	---	---	---	5.99	≤30.00	2.40	8.39	---	PASS
			106Tone	RU54	---	---	---	---	9.81	≤30.00	2.40	12.21	---	PASS

Maximum power spectral density

Test Result

Test Mode	Antenna	Freq(MHz)	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20MIMO	Ant11	5180	26Tone	RU0	4.56	≤11.00	PASS
			52Tone	RU37	5.20	≤11.00	PASS
			106Tone	RU53	4.94	≤11.00	PASS
	Ant10	5180	26Tone	RU0	6.49	≤11.00	PASS
			52Tone	RU37	6.3	≤11.00	PASS
			106Tone	RU53	6.52	≤11.00	PASS
	total	5180	26Tone	RU0	8.63	≤11.00	PASS
			52Tone	RU37	8.64	≤11.00	PASS
			106Tone	RU53	8.77	≤11.00	PASS
	Ant11	5320	26Tone	RU8	6.55	≤11.00	PASS
			52Tone	RU40	6.71	≤11.00	PASS
			106Tone	RU54	6.87	≤11.00	PASS
	Ant10	5320	26Tone	RU8	7.59	≤11.00	PASS
			52Tone	RU40	7.23	≤11.00	PASS
			106Tone	RU54	7.49	≤11.00	PASS
	total	5320	26Tone	RU8	10.07	≤11.00	PASS
			52Tone	RU40	9.85	≤11.00	PASS
			106Tone	RU54	10.14	≤11.00	PASS
	Ant11	5500	26Tone	RU0	5.75	≤11.00	PASS
			52Tone	RU37	5.36	≤11.00	PASS
			106Tone	RU53	5.67	≤11.00	PASS
	Ant10	5500	26Tone	RU0	6.59	≤11.00	PASS
			52Tone	RU37	6.74	≤11.00	PASS
			106Tone	RU53	6.47	≤11.00	PASS
	total	5500	26Tone	RU0	9.20	≤11.00	PASS
			52Tone	RU37	9.06	≤11.00	PASS
			106Tone	RU53	9.07	≤11.00	PASS
	Ant11	5700	26Tone	RU8	5.57	≤11.00	PASS
			52Tone	RU40	5.80	≤11.00	PASS
			106Tone	RU54	5.92	≤11.00	PASS
	Ant10	5700	26Tone	RU8	6.08	≤11.00	PASS
			52Tone	RU40	6.09	≤11.00	PASS
			106Tone	RU54	5.90	≤11.00	PASS
	total	5700	26Tone	RU8	8.82	≤11.00	PASS
			52Tone	RU40	8.88	≤11.00	PASS
			106Tone	RU54	8.70	≤11.00	PASS
	Ant11	5745	26Tone	RU0	-4.66	≤30.00	PASS
			52Tone	RU37	-5.43	≤30.00	PASS
			106Tone	RU53	-5.05	≤30.00	PASS
	Ant10	5745	26Tone	RU0	-5.57	≤30.00	PASS
			52Tone	RU37	-6.09	≤30.00	PASS
			106Tone	RU53	-5.03	≤30.00	PASS

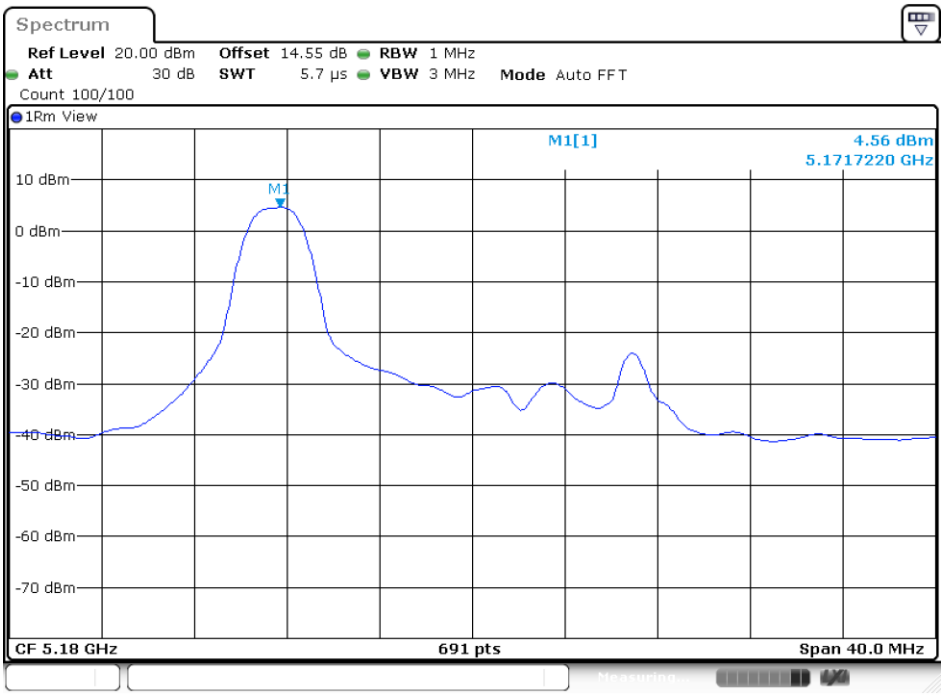
	total	5745	26Tone	RU0	-2.08	≤30.00	PASS
			52Tone	RU37	-2.74	≤30.00	PASS
			106Tone	RU53	-2.03	≤30.00	PASS
	Ant11	5825	26Tone	RU8	-4.16	≤30.00	PASS
			52Tone	RU40	-4.78	≤30.00	PASS
			106Tone	RU54	-4.87	≤30.00	PASS
	Ant10	5825	26Tone	RU8	-5.35	≤30.00	PASS
			52Tone	RU40	-5.91	≤30.00	PASS
			106Tone	RU54	-5.08	≤30.00	PASS
	total	5825	26Tone	RU8	-1.70	≤30.00	PASS
			52Tone	RU40	-2.30	≤30.00	PASS
			106Tone	RU54	-1.96	≤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

11AX20MIMO_Ant11_5180_26Tone_RU0



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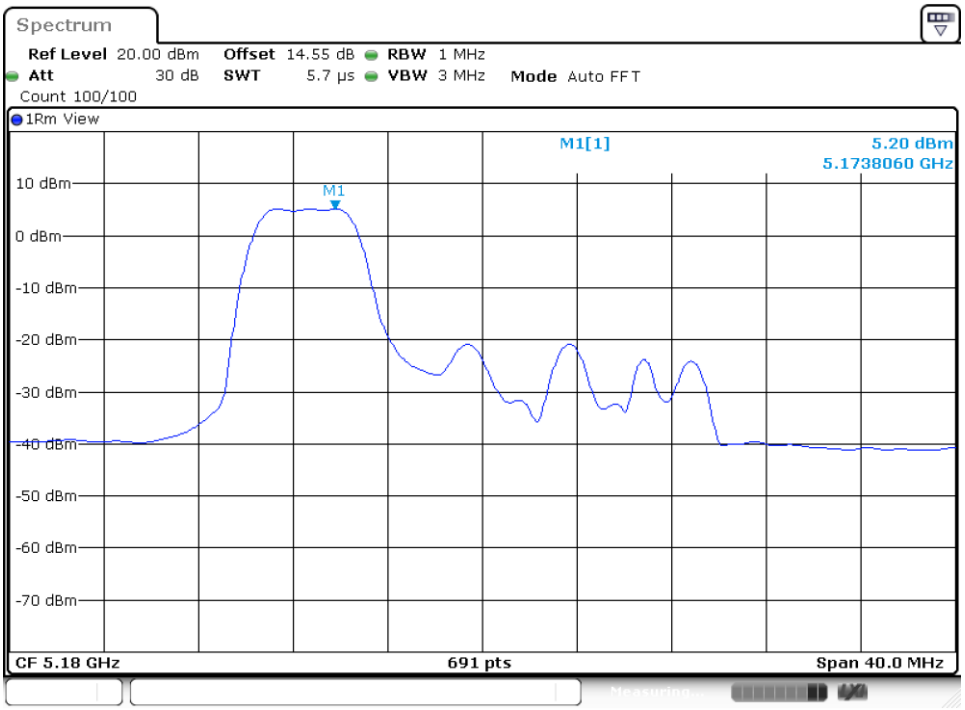
11AX20MIMO_Ant11_5180_52Tone_RU37



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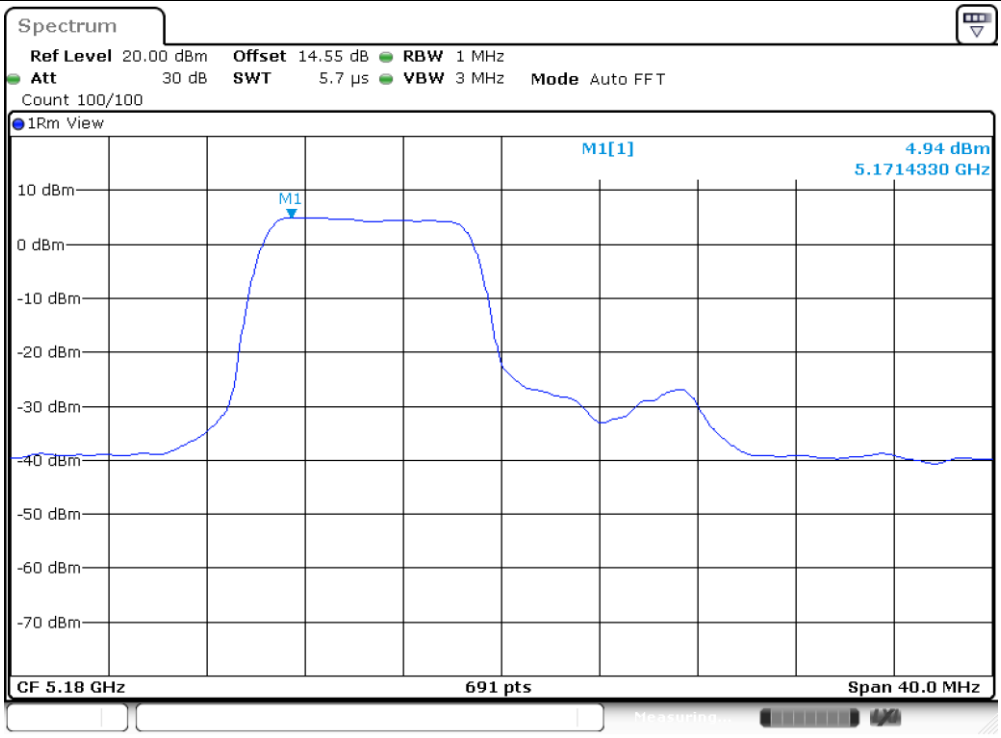
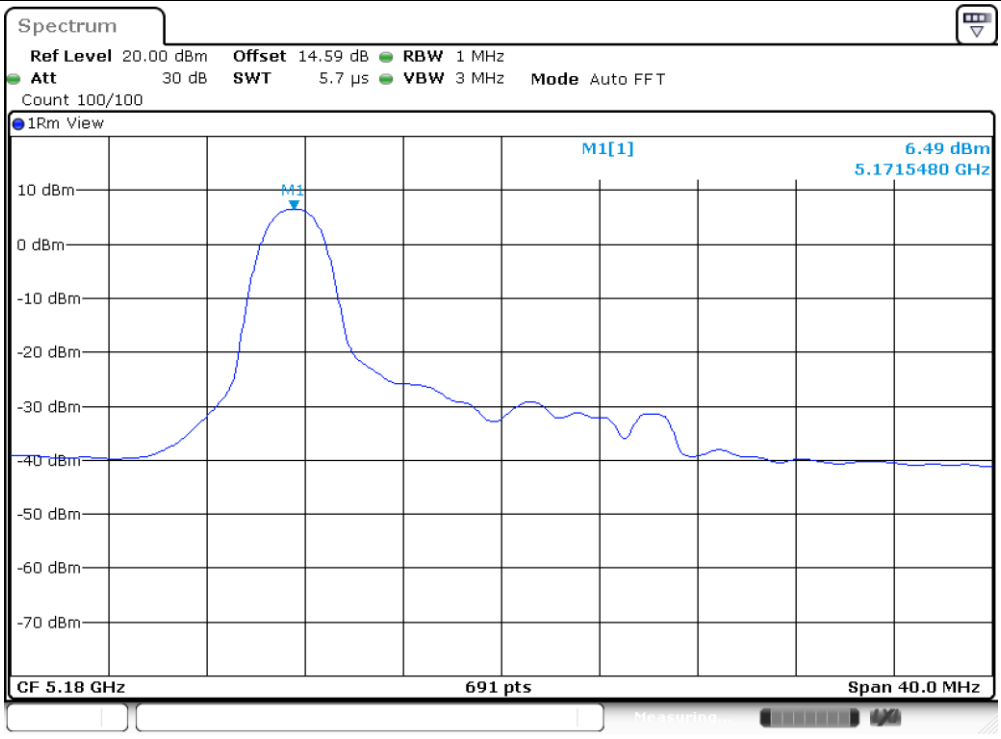


11AX20MIMO_Ant10_5180_26Tone_RU0



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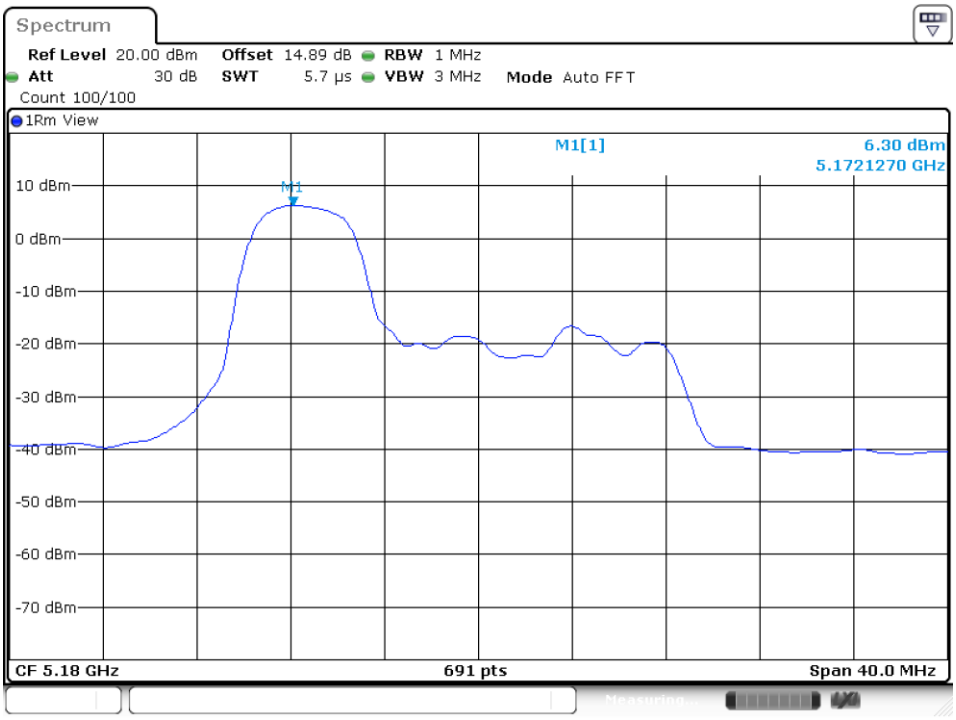

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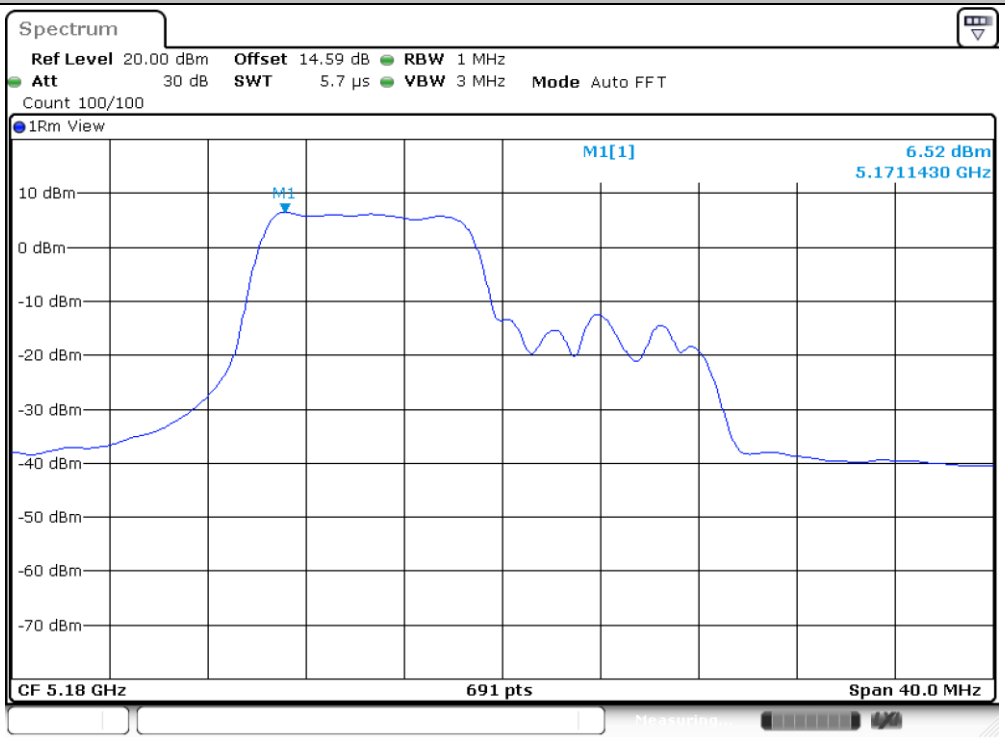

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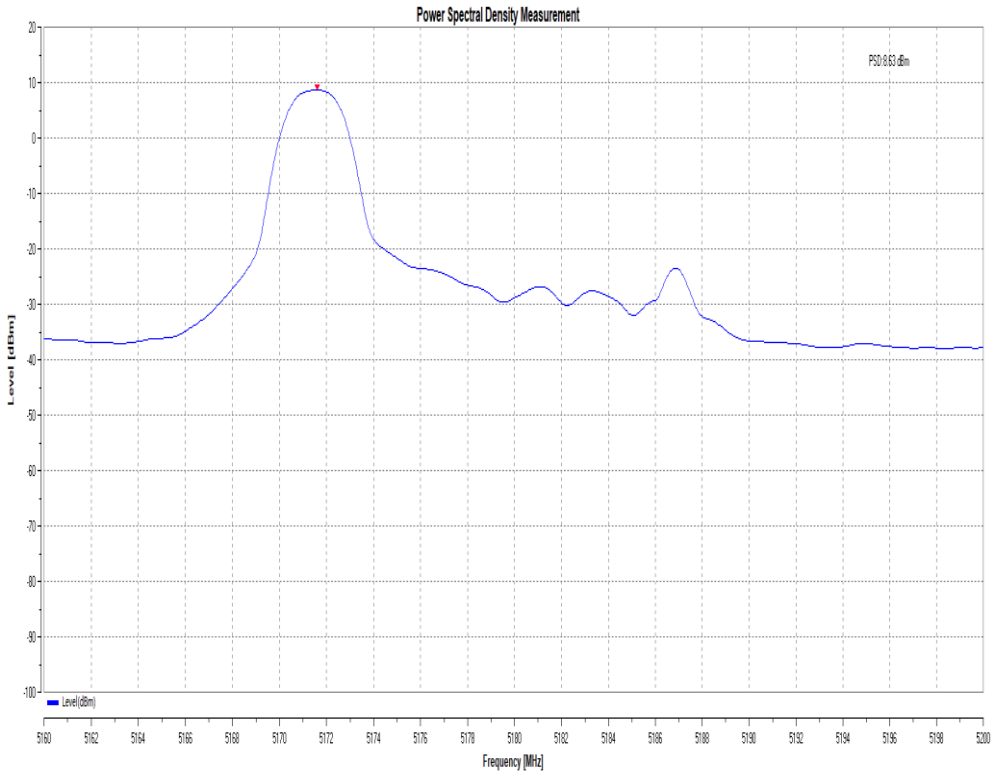

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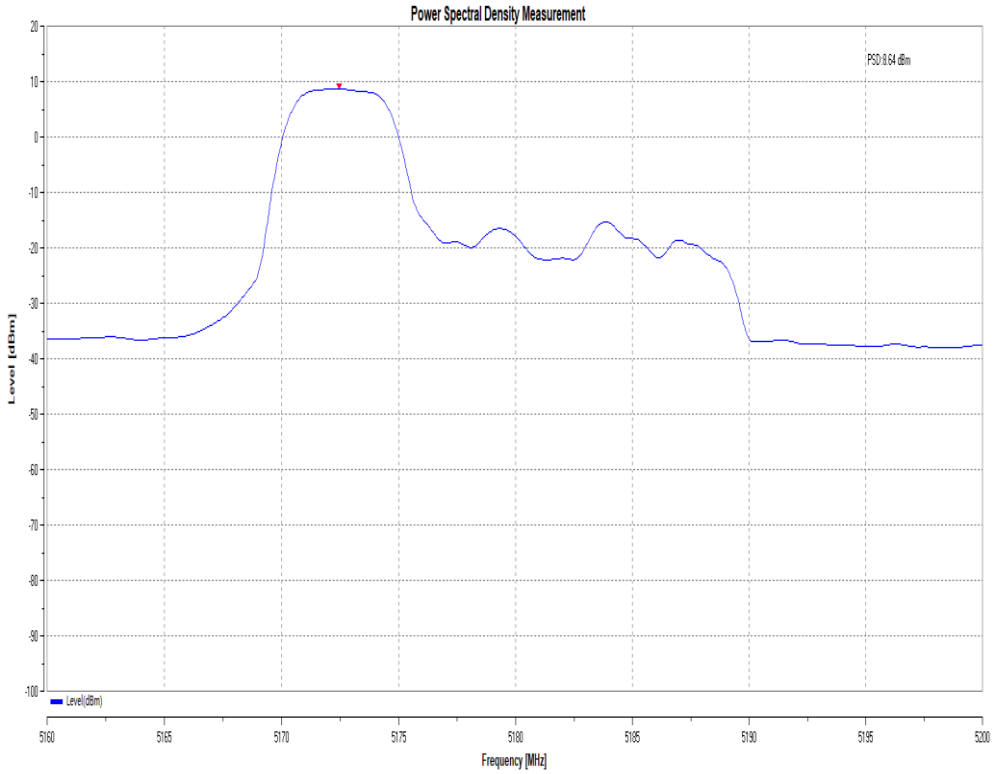

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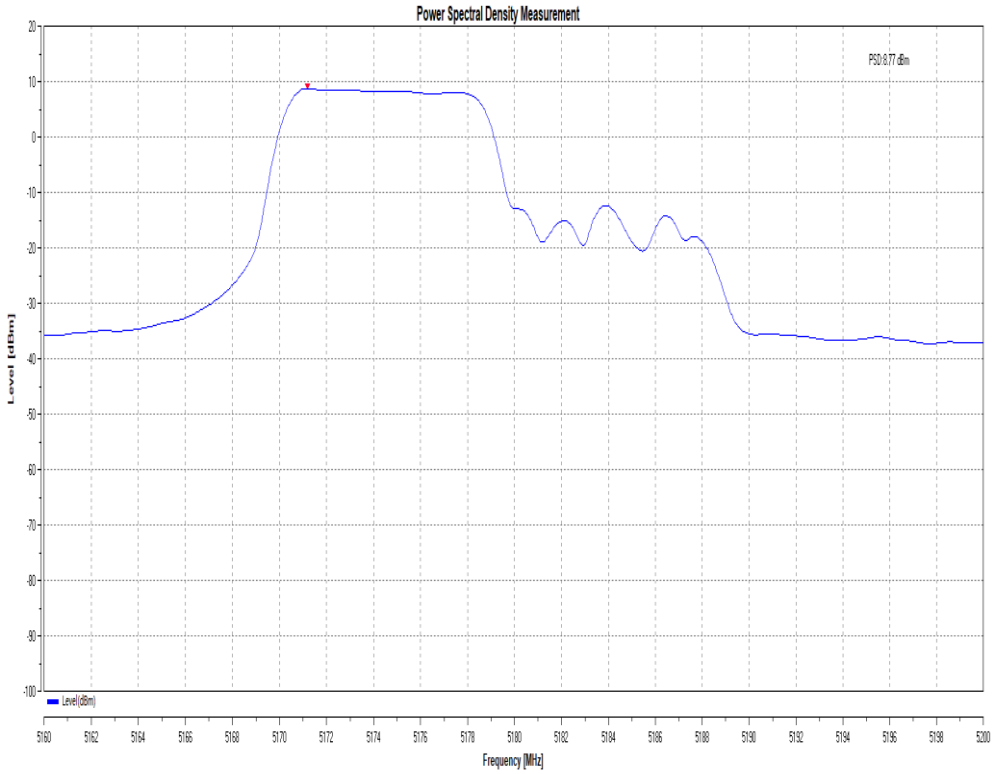

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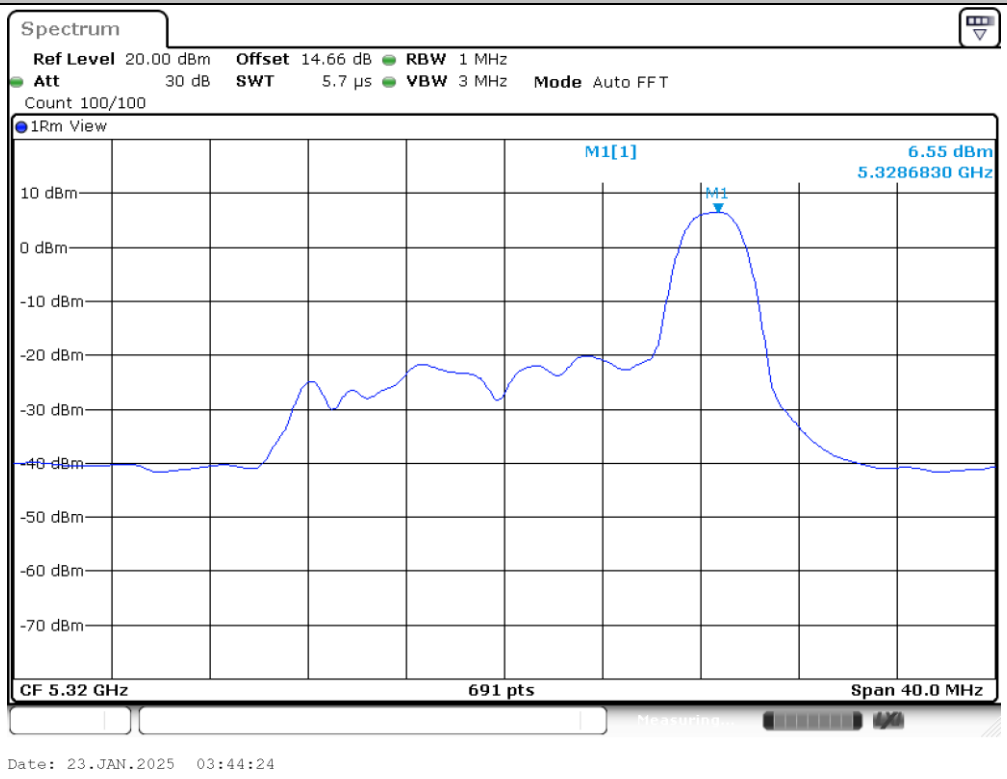

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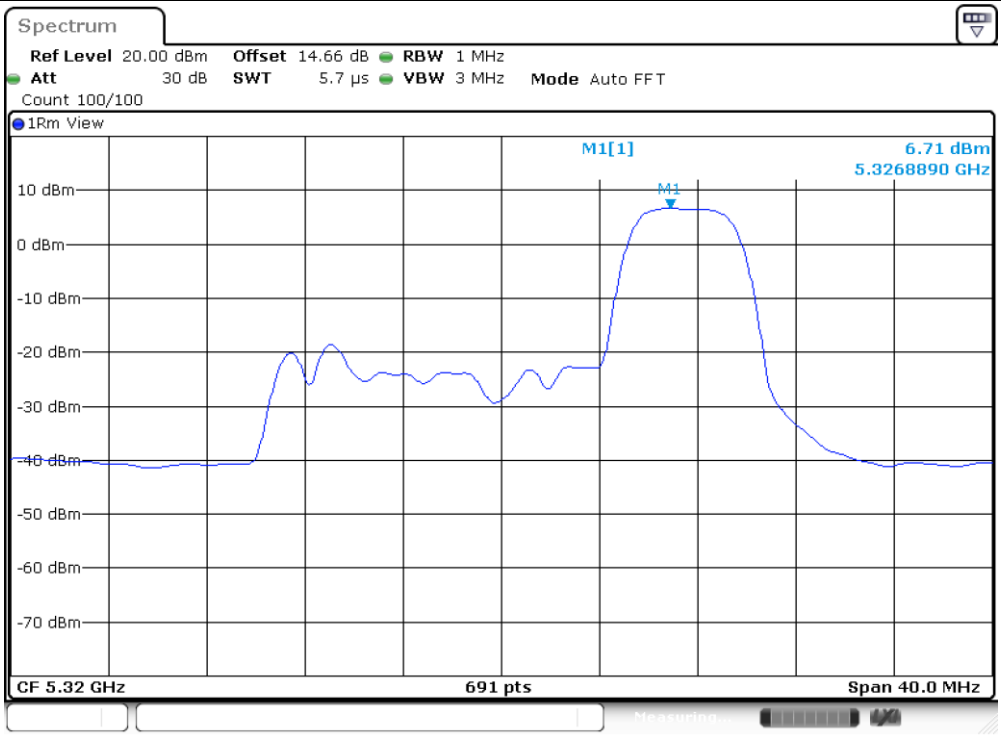

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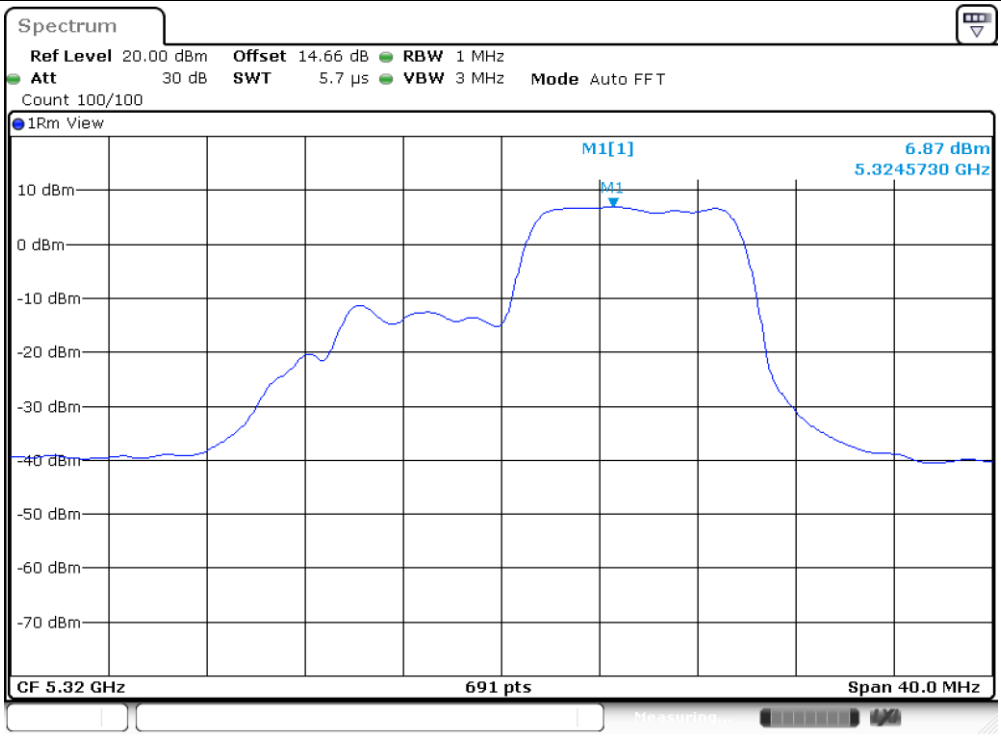

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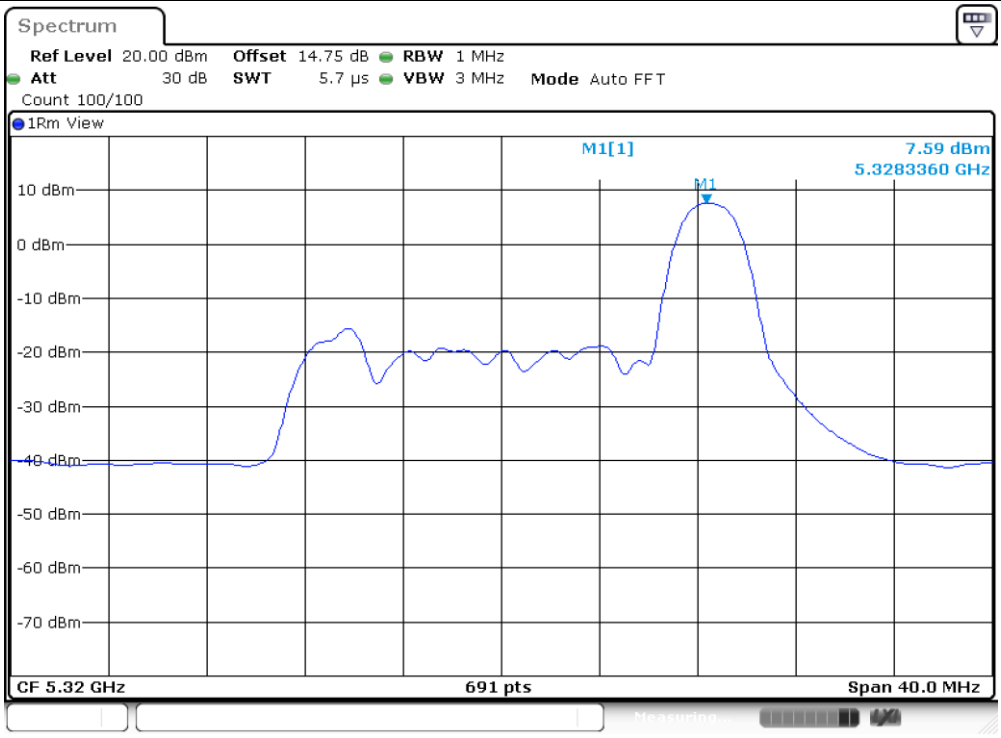

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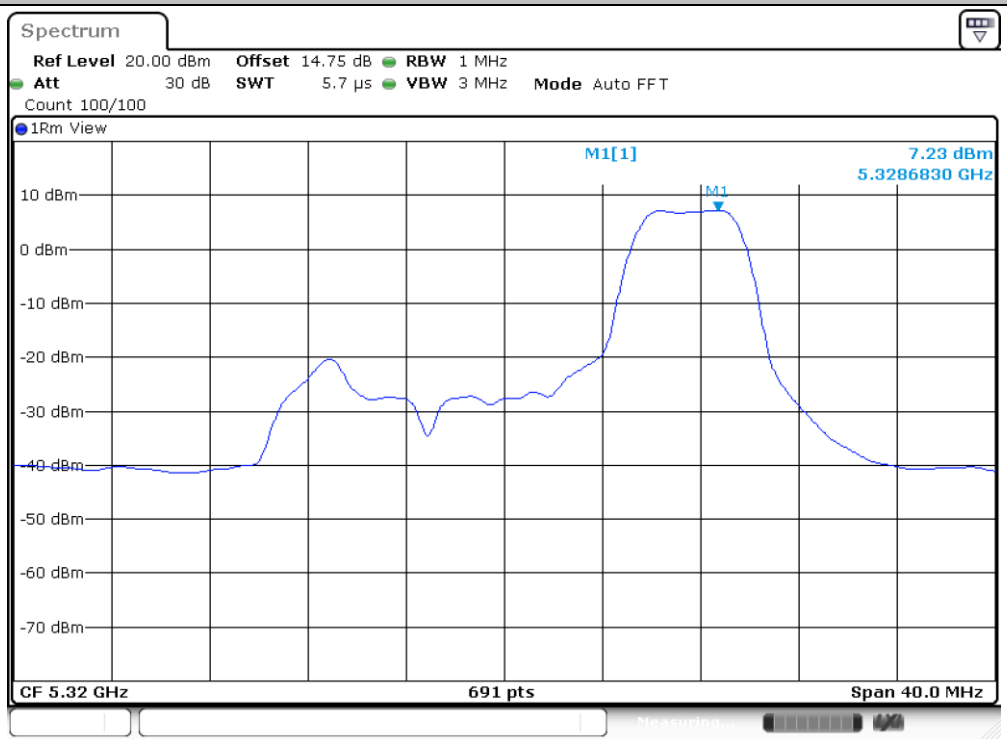

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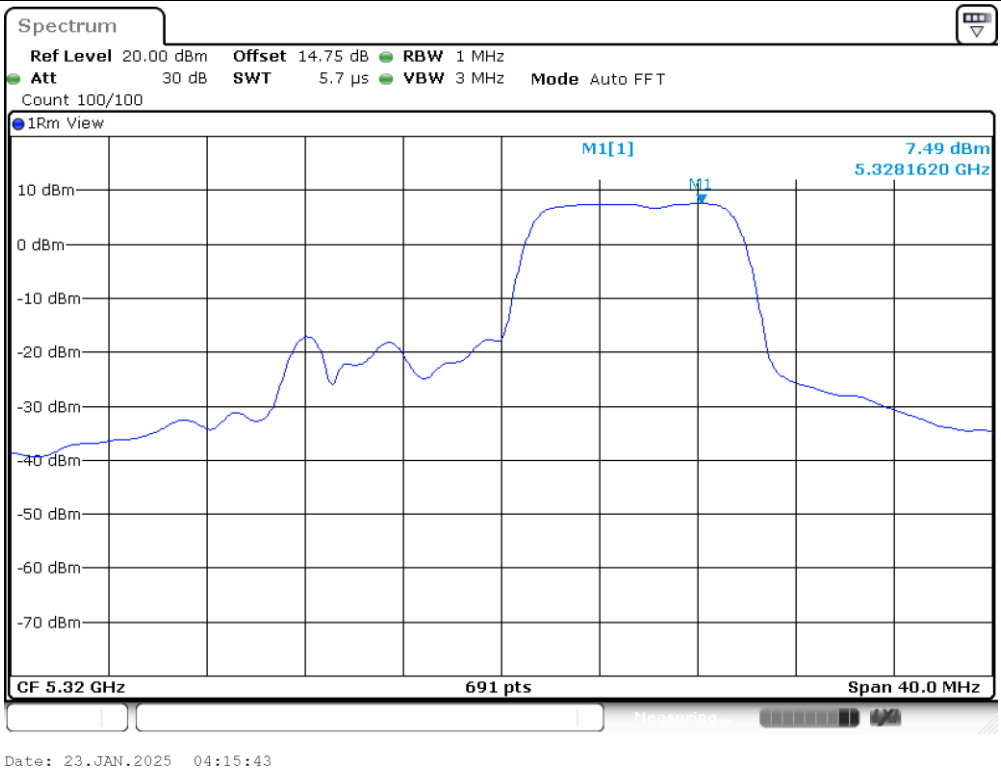

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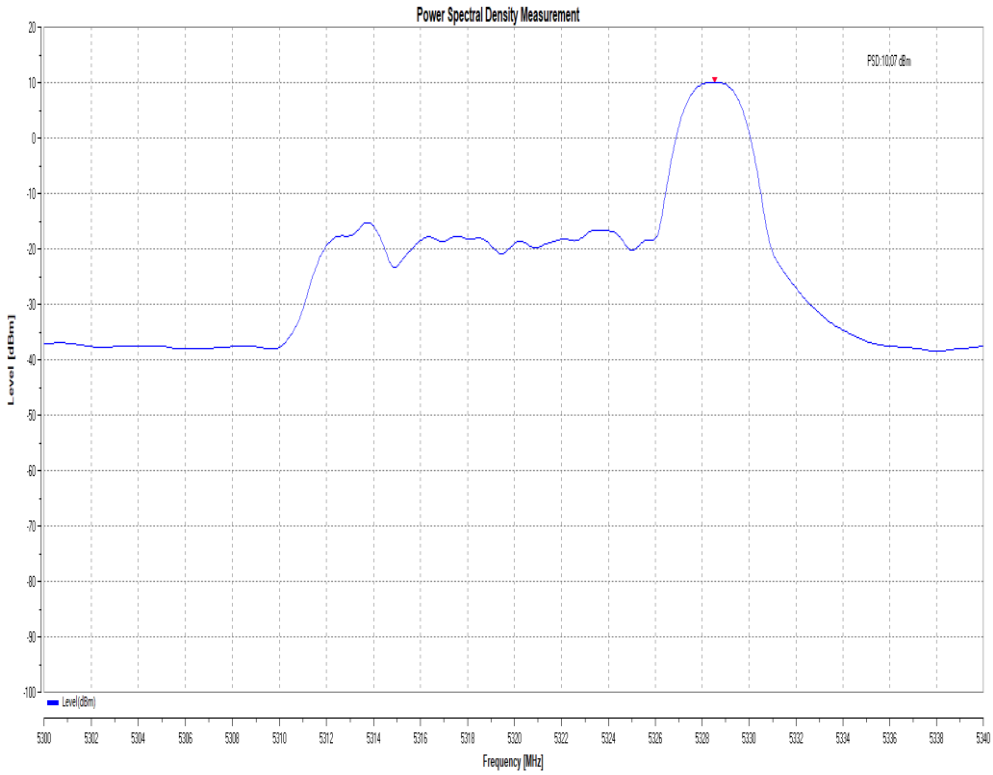

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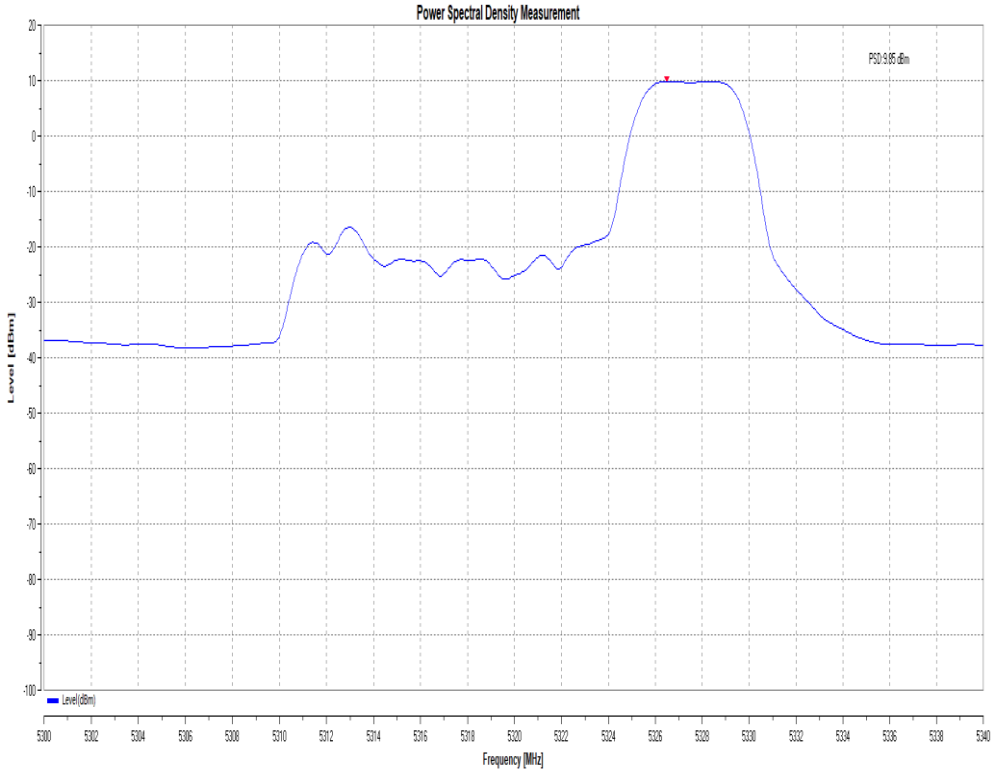

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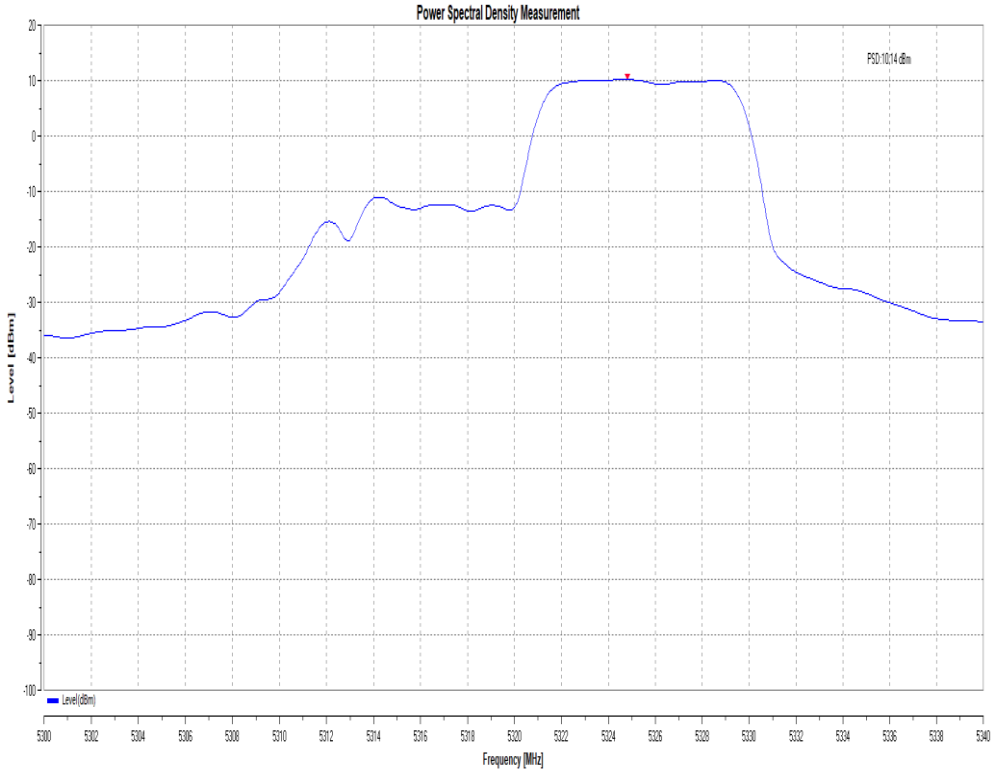

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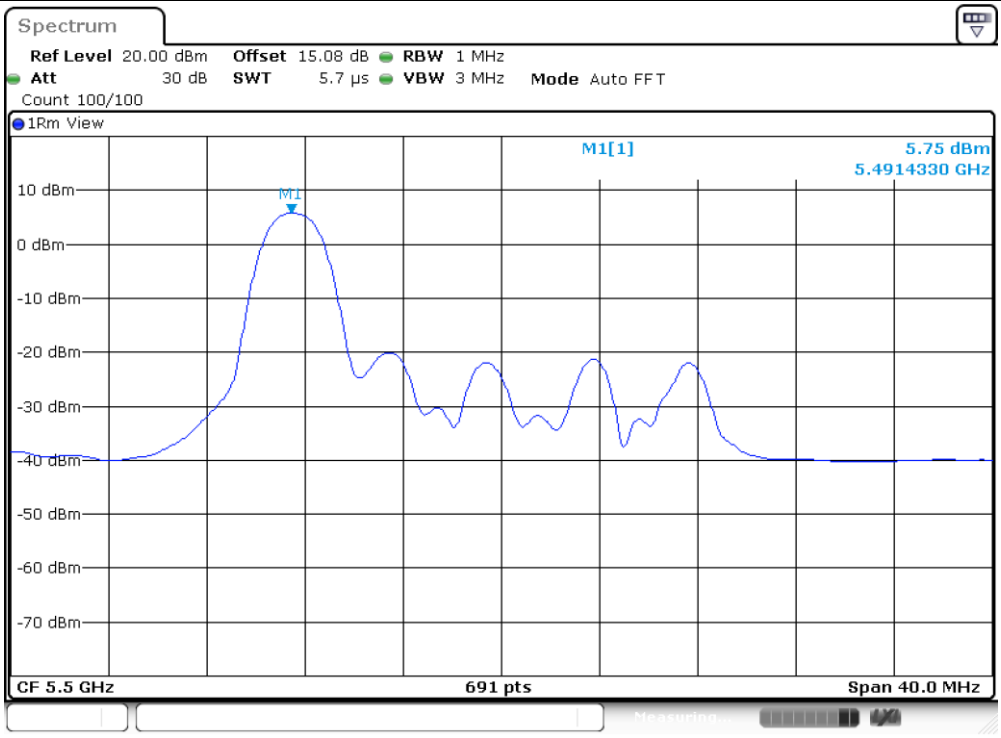

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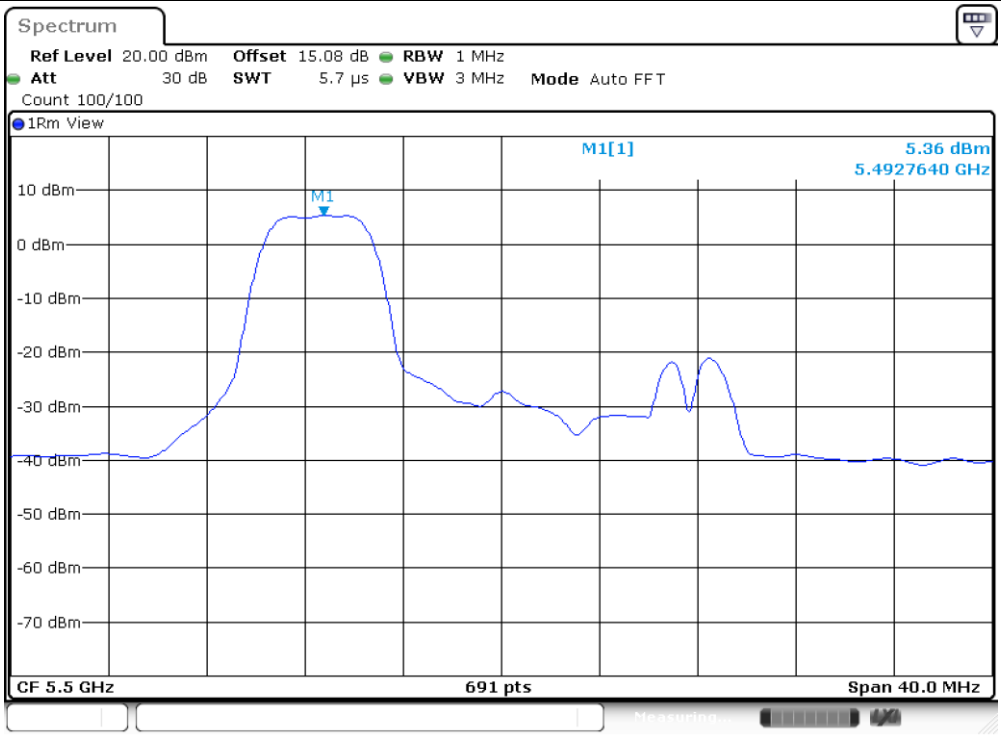

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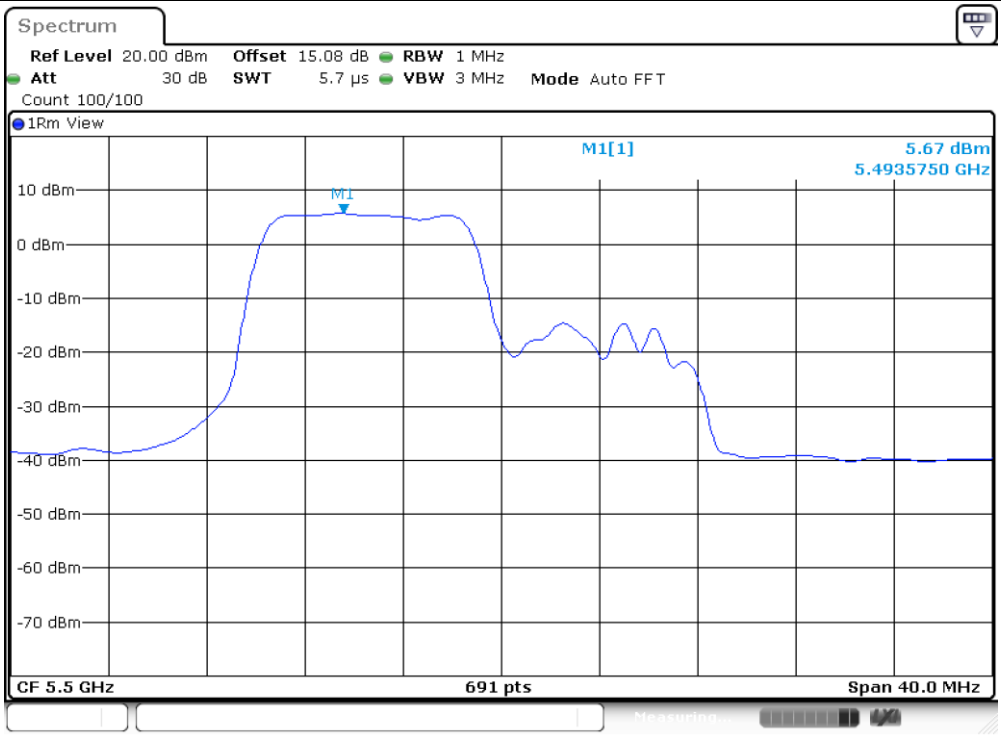

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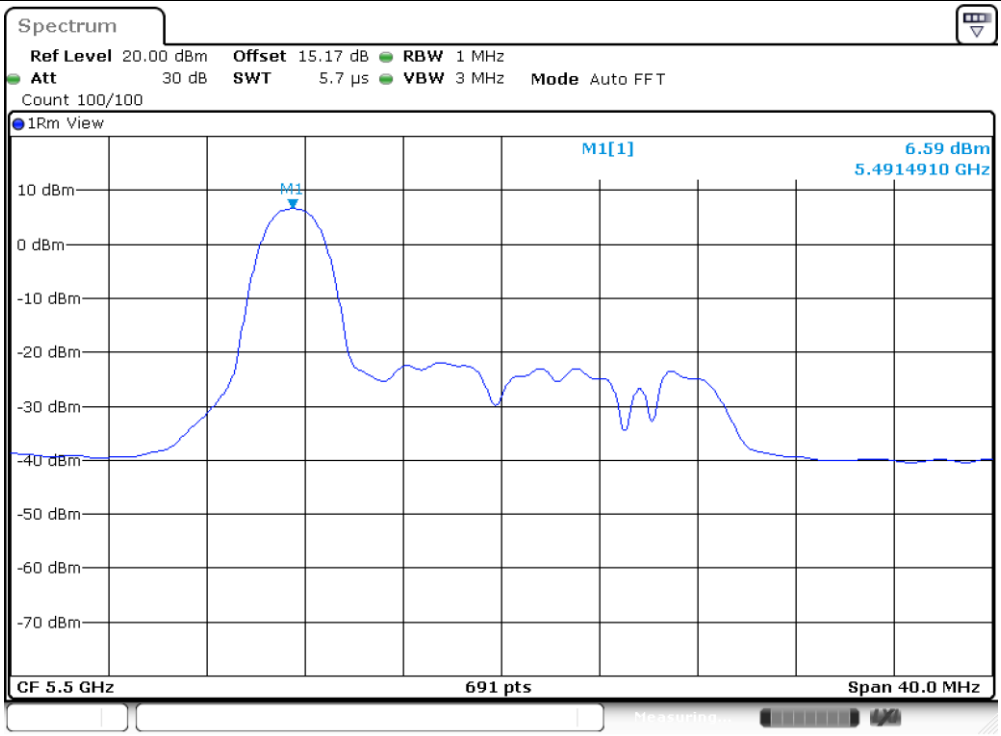

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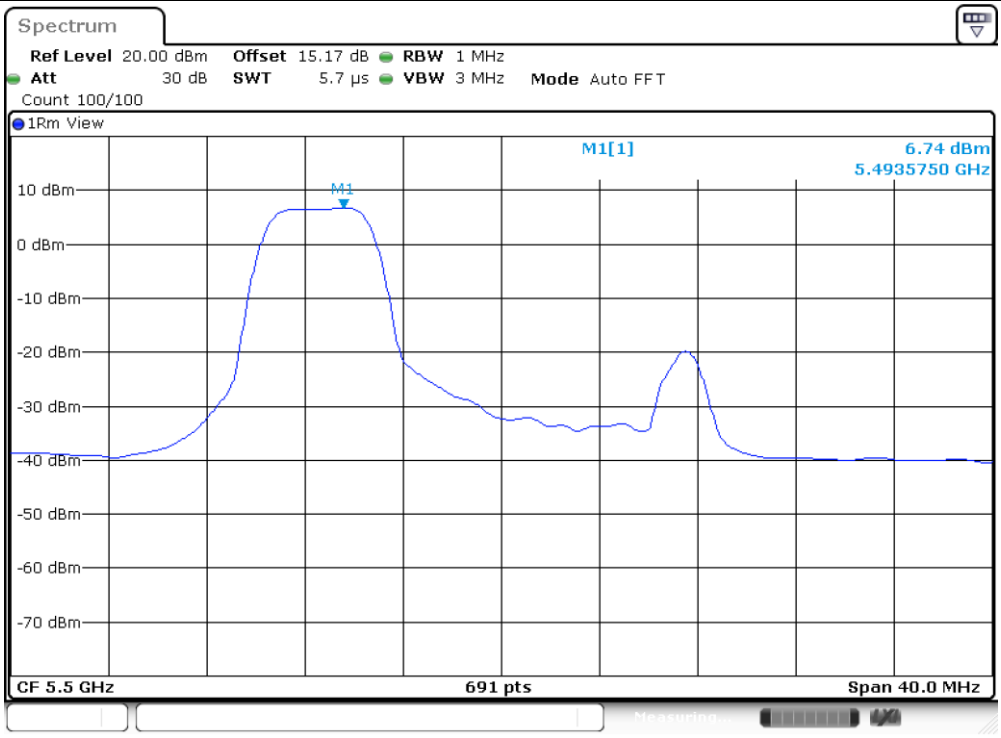

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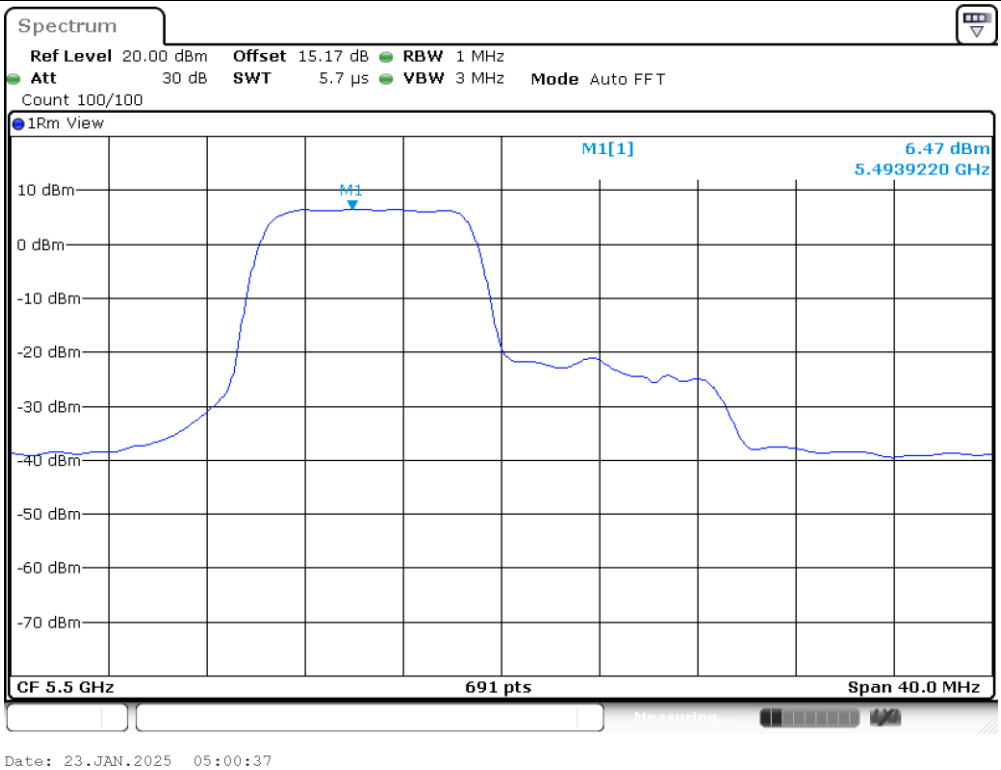

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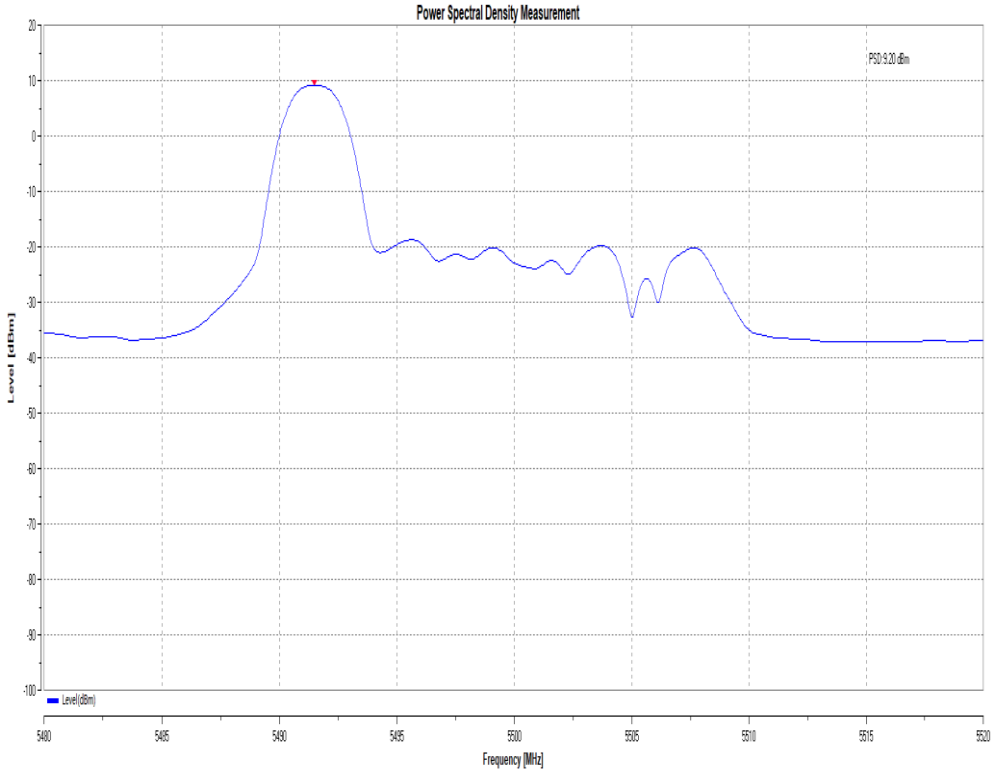

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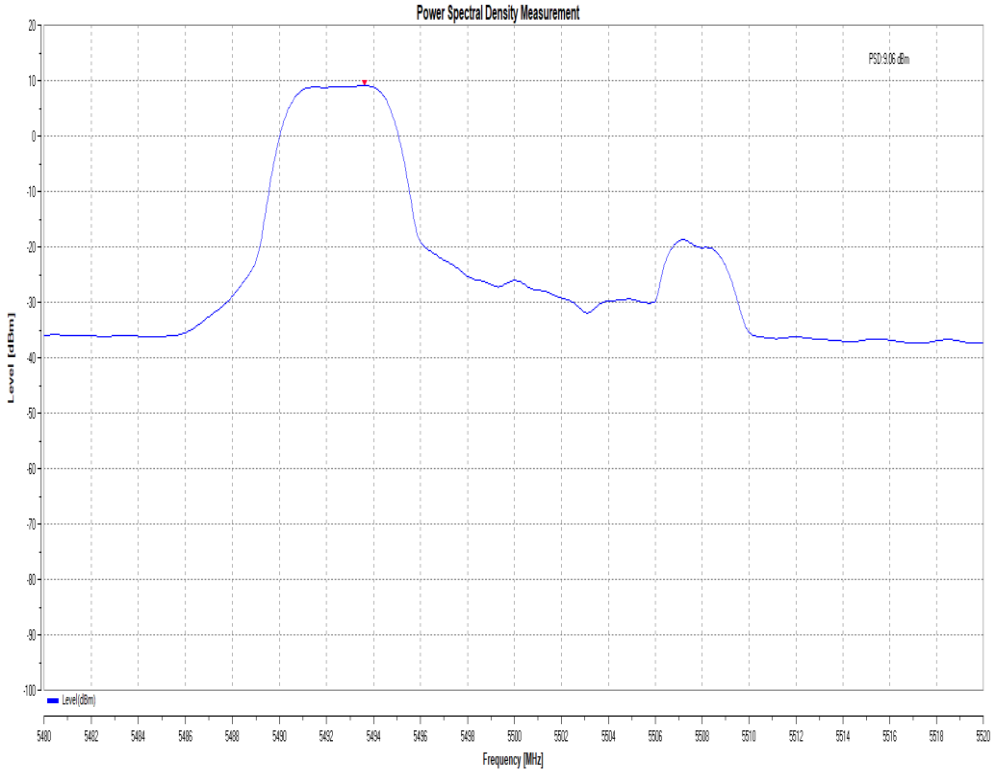

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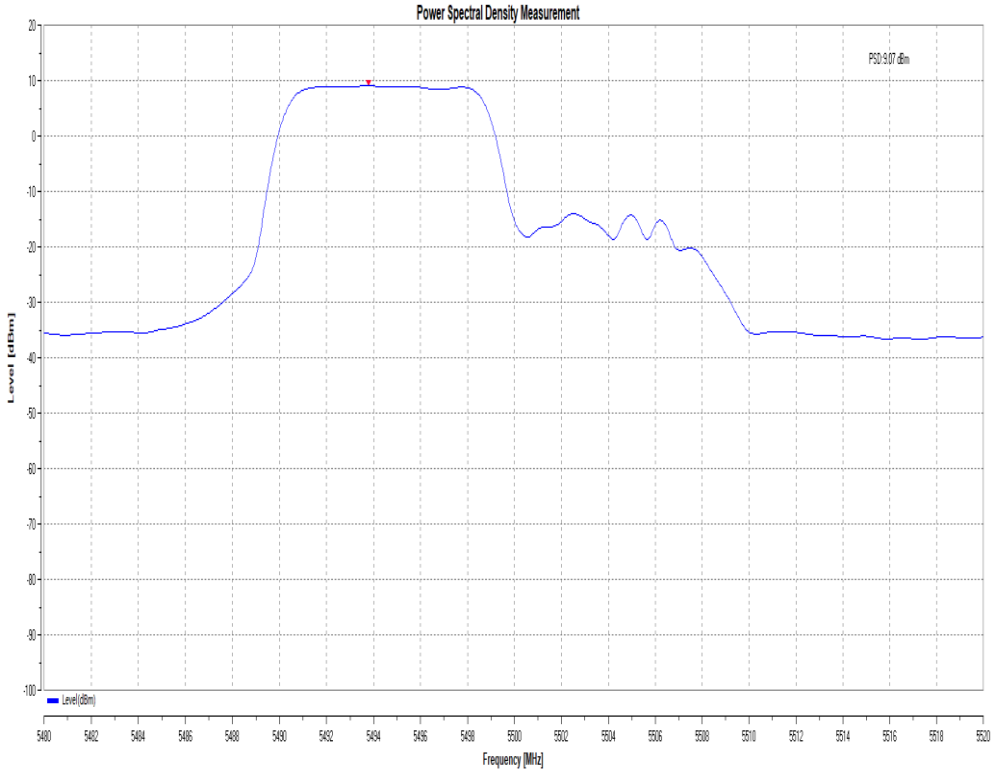

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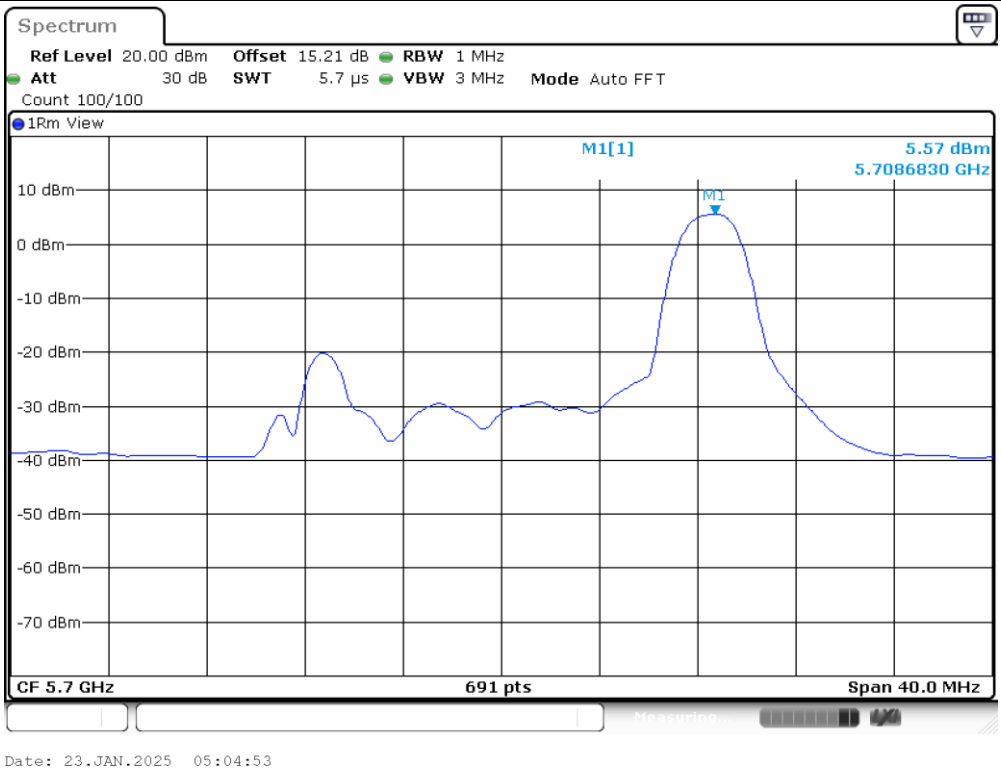

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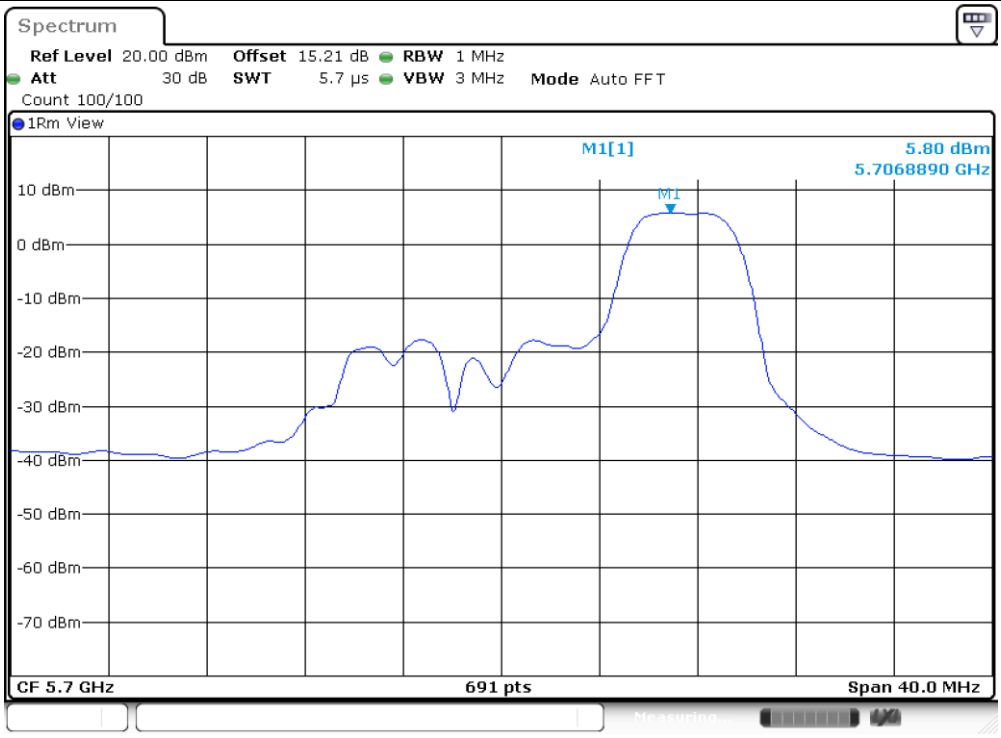

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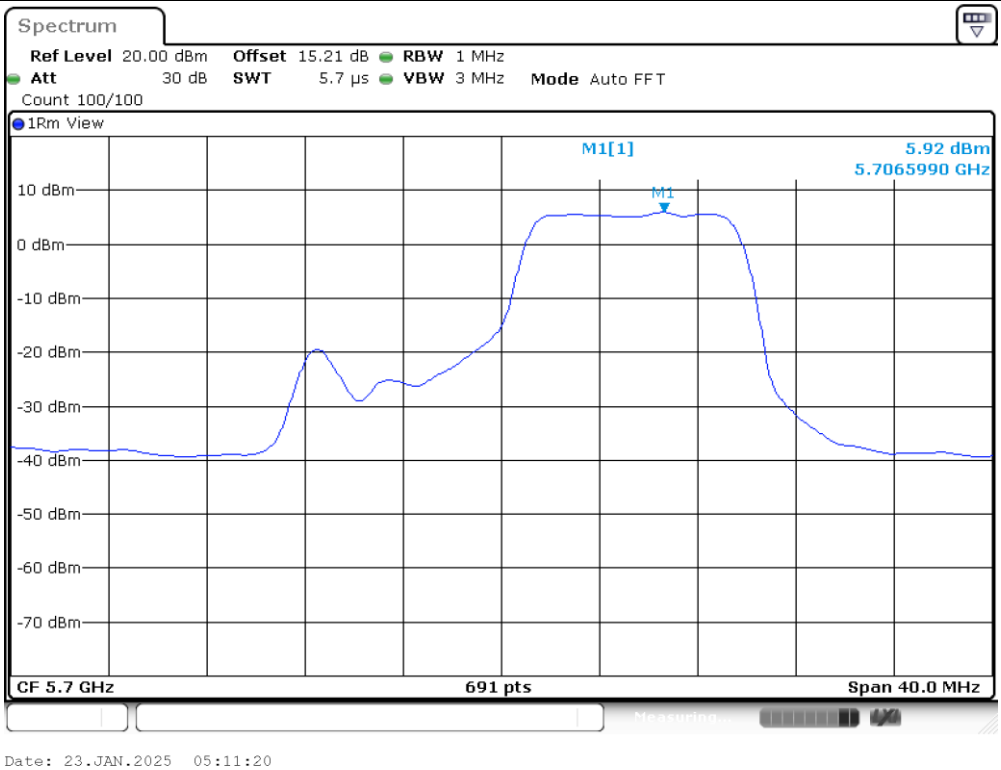

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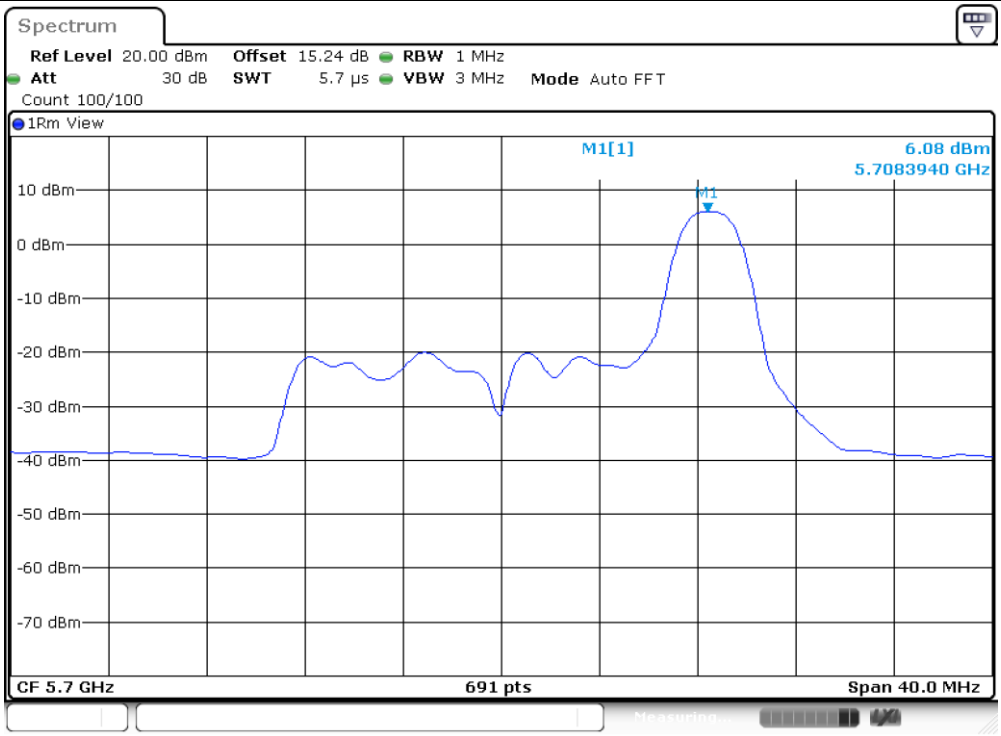

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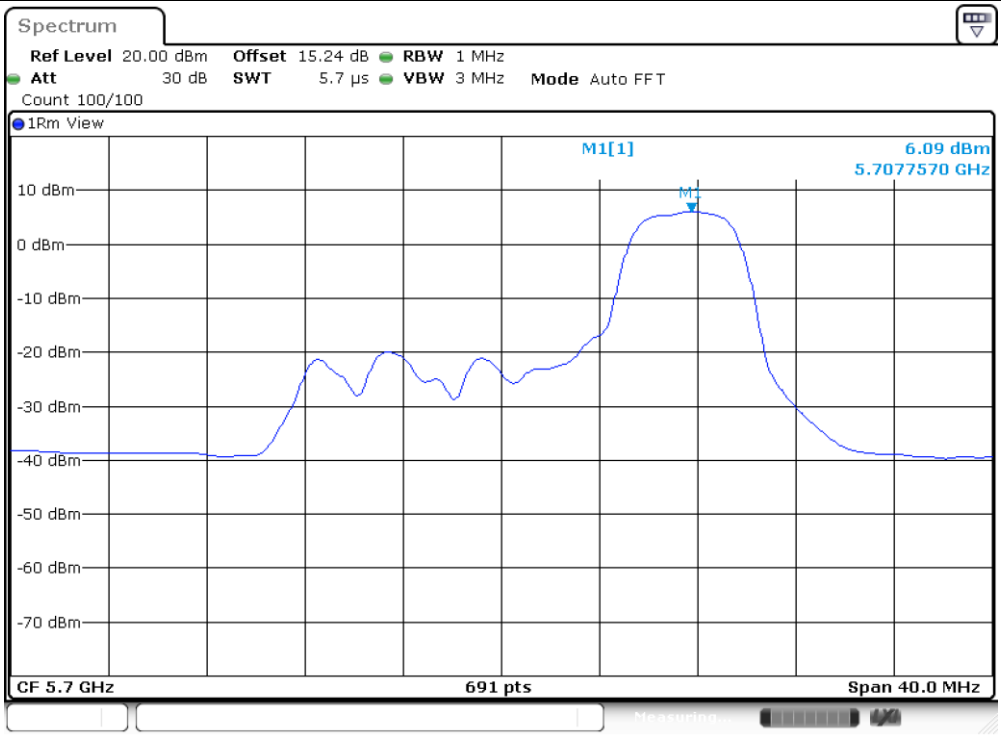

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