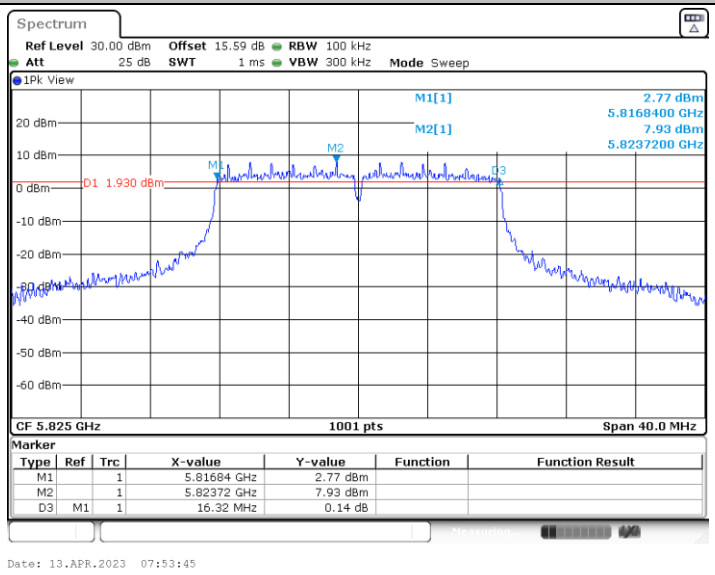
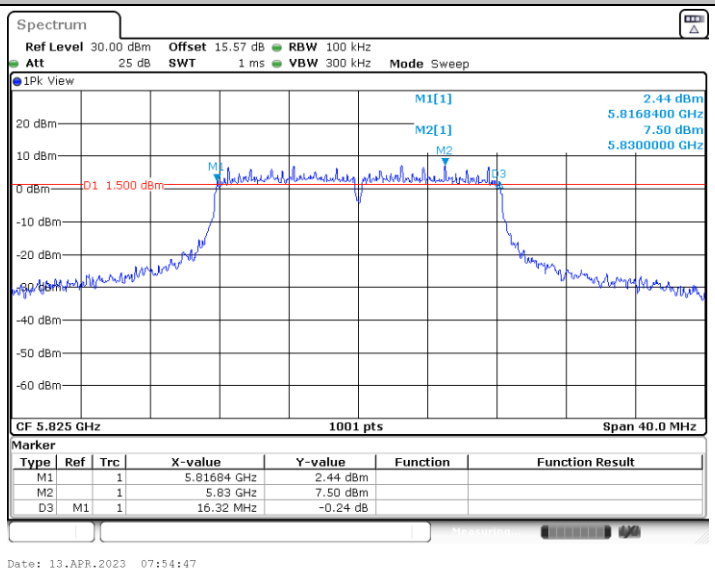
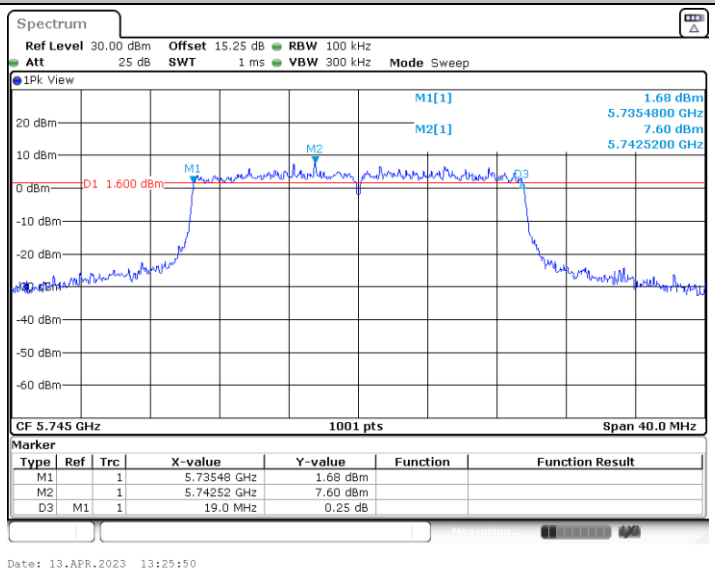
11A-CDD_Ant5_5825



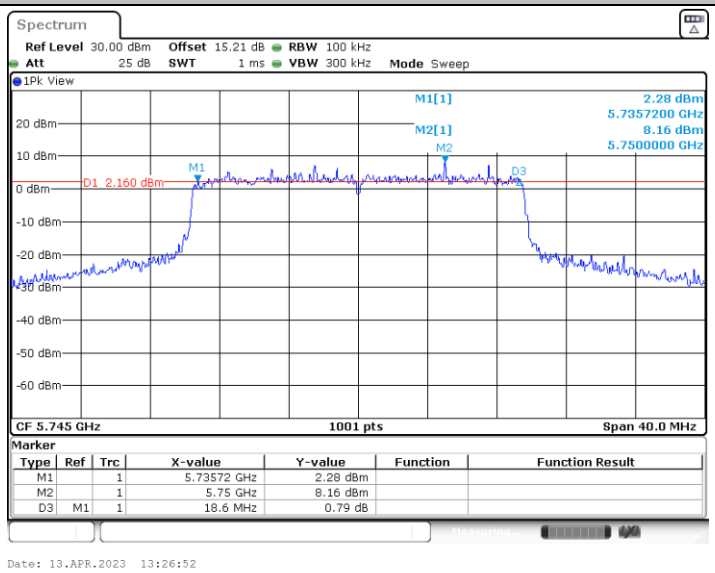
11A-CDD_Ant4_5825



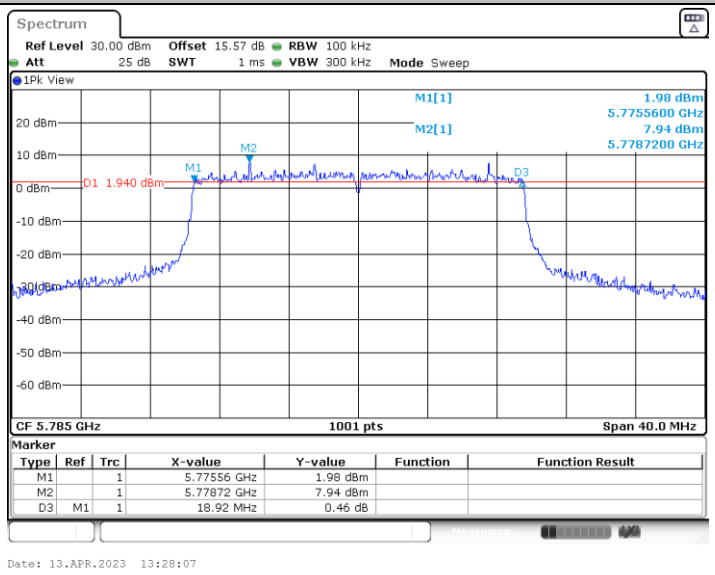
11AX20MIMO_Ant5_5745



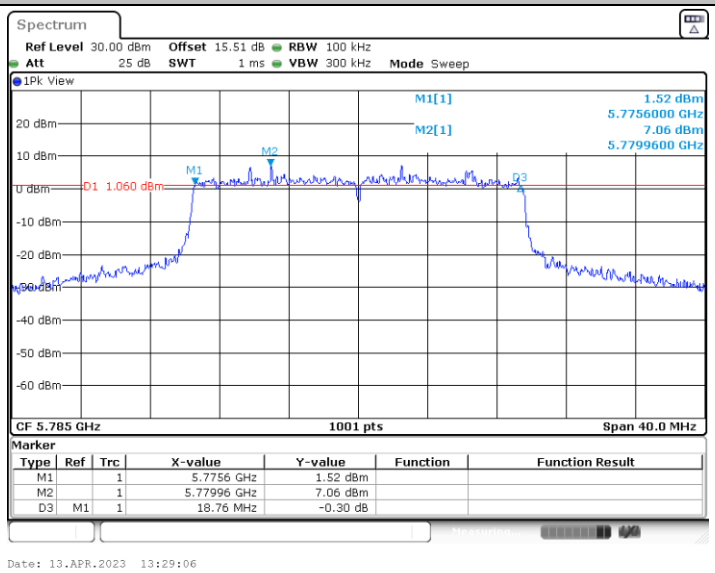
11AX20MIMO_Ant4_5745



11AX20MIMO_Ant5_5785



11AX20MIMO_Ant4_5785



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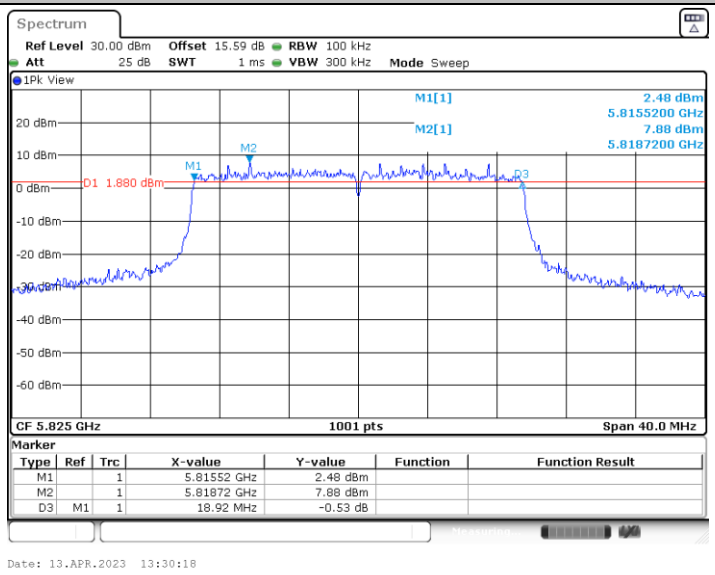

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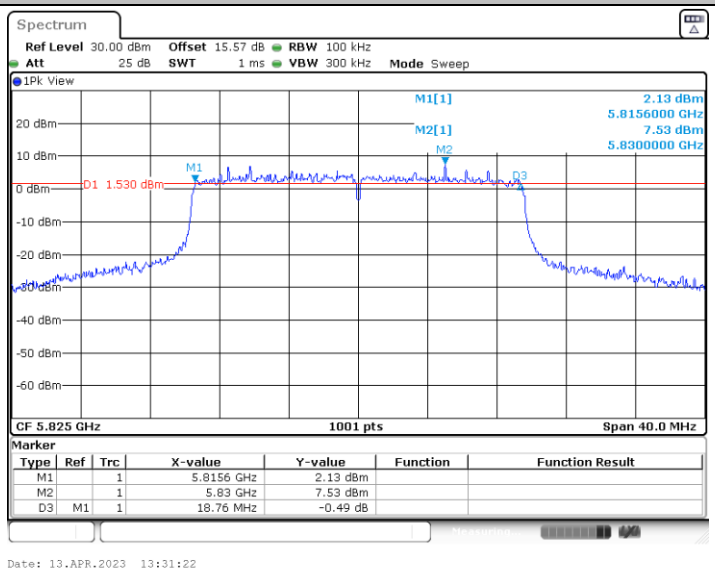
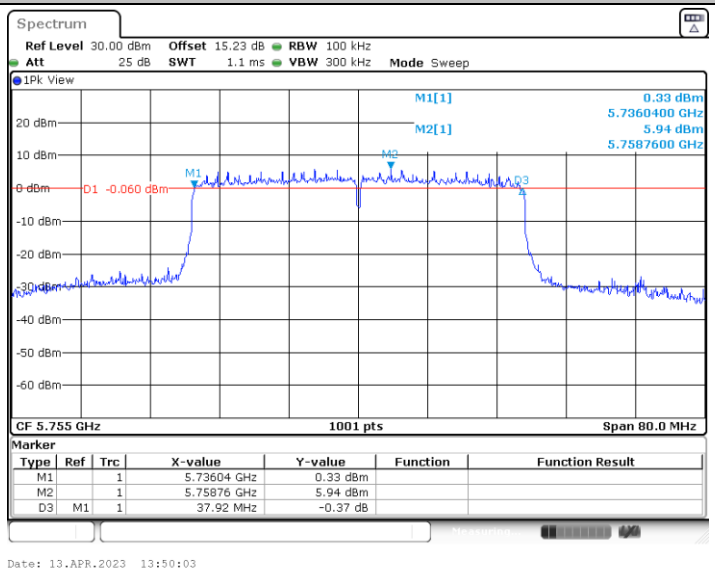
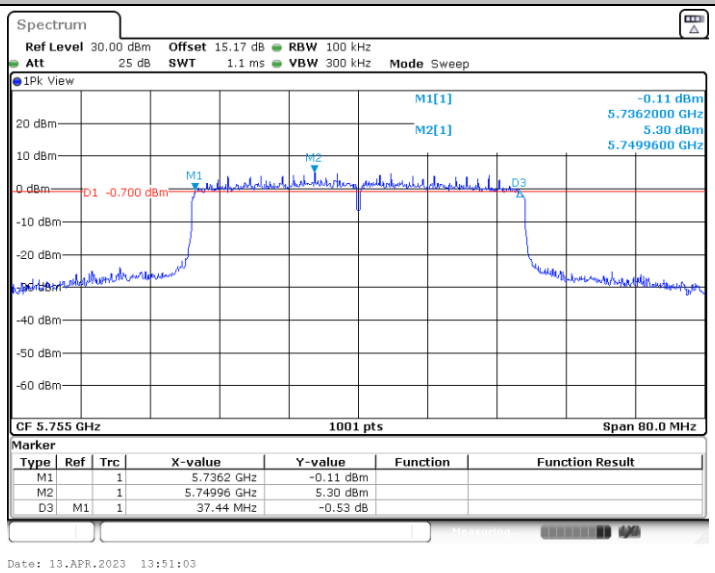


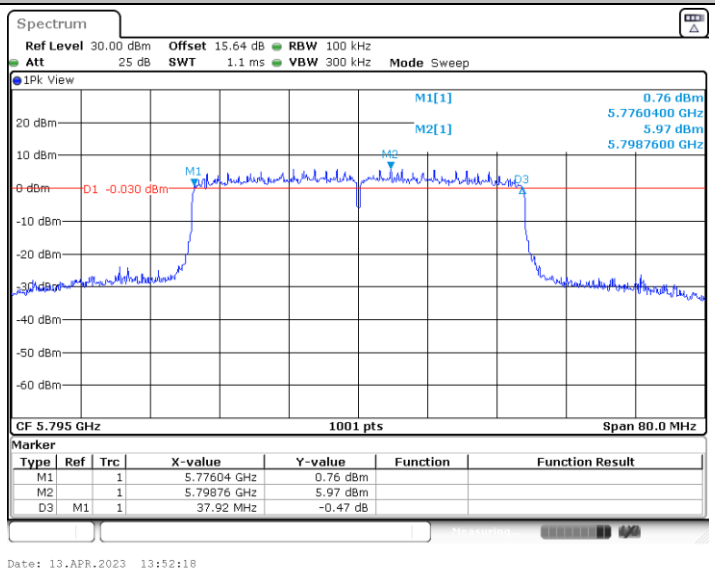
11AX40MIMO_Ant5_5755



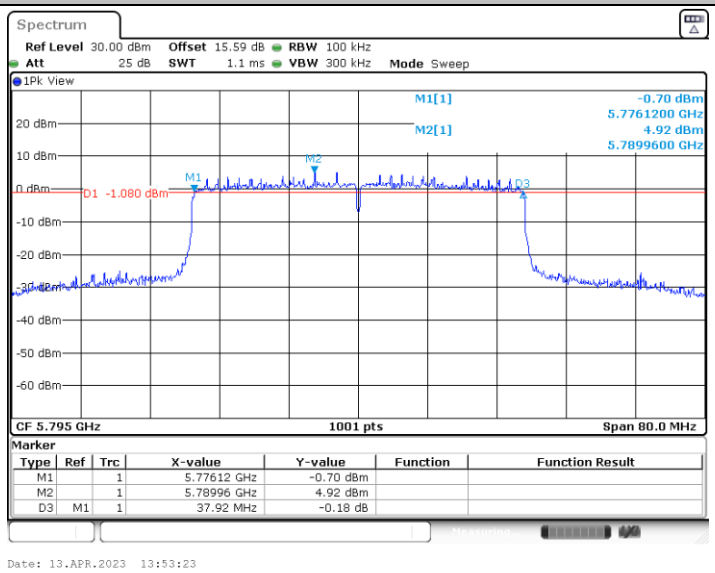
11AX40MIMO_Ant4_5755



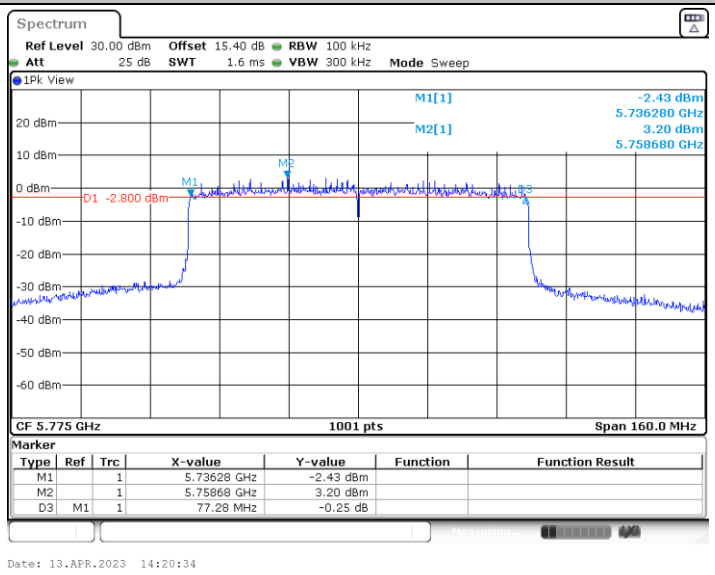
11AX40MIMO_Ant5_5795



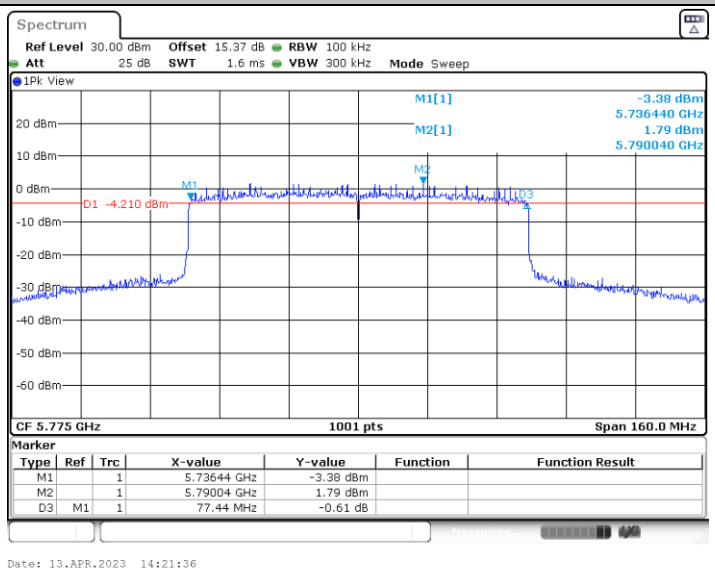
11AX40MIMO_Ant4_5795



11AX80MIMO_Ant5_5775



11AX80MIMO_Ant4_5775



Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A-CDD	Ant5	5180	6.26	≤11.00	PASS
	Ant4	5180	6.21	≤11.00	PASS
	total	5180	9.25	≤11.00	PASS
	Ant5	5220	6.63	≤11.00	PASS
	Ant4	5220	6.44	≤11.00	PASS
	total	5220	9.55	≤11.00	PASS
	Ant5	5240	6.78	≤11.00	PASS
	Ant4	5240	6.47	≤11.00	PASS
	total	5240	9.64	≤11.00	PASS
	Ant5	5260	6.75	≤11.00	PASS
	Ant4	5260	6.34	≤11.00	PASS
	total	5260	9.56	≤11.00	PASS
	Ant5	5300	6.97	≤11.00	PASS
	Ant4	5300	6.41	≤11.00	PASS
	total	5300	9.71	≤11.00	PASS
	Ant5	5320	7	≤11.00	PASS
	Ant4	5320	6.11	≤11.00	PASS
	total	5320	9.59	≤11.00	PASS
	Ant5	5500	7.07	≤11.00	PASS
	Ant4	5500	6.19	≤11.00	PASS
	total	5500	9.66	≤11.00	PASS
	Ant5	5580	7.06	≤11.00	PASS
	Ant4	5580	5.87	≤11.00	PASS
	total	5580	9.52	≤11.00	PASS
	Ant5	5700	6.9	≤11.00	PASS
	Ant4	5700	6.13	≤11.00	PASS
	total	5700	9.54	≤11.00	PASS
	Ant5	5720_UNII-2C	6.92	≤11.00	PASS
	Ant4	5720_UNII-2C	6.28	≤11.00	PASS
	total	5720_UNII-2C	9.62	≤11.00	PASS
	Ant5	5720_UNII-3	3.74	≤30.00	PASS
	Ant4	5720_UNII-3	2.93	≤30.00	PASS
	total	5720_UNII-3	6.36	≤30.00	PASS
	Ant5	5745	5.15	≤30.00	PASS
	Ant4	5745	4.26	≤30.00	PASS
	total	5745	7.74	≤30.00	PASS
	Ant5	5785	4.95	≤30.00	PASS
	Ant4	5785	3.73	≤30.00	PASS
	total	5785	7.39	≤30.00	PASS
	Ant5	5825	4.78	≤30.00	PASS
	Ant4	5825	4.02	≤30.00	PASS
	total	5825	7.43	≤30.00	PASS

11AX20MIMO	Ant5	5180	6.99	≤11.00	PASS
	Ant4	5180	6.52	≤11.00	PASS
	total	5180	9.77	≤11.00	PASS
	Ant5	5220	6.87	≤11.00	PASS
	Ant4	5220	6.57	≤11.00	PASS
	total	5220	9.73	≤11.00	PASS
	Ant5	5240	6.95	≤11.00	PASS
	Ant4	5240	6.39	≤11.00	PASS
	total	5240	9.69	≤11.00	PASS
	Ant5	5260	6.92	≤11.00	PASS
	Ant4	5260	6.7	≤11.00	PASS
	total	5260	9.82	≤11.00	PASS
	Ant5	5300	7.15	≤11.00	PASS
	Ant4	5300	6.67	≤11.00	PASS
	total	5300	9.93	≤11.00	PASS
	Ant5	5320	6.62	≤11.00	PASS
	Ant4	5320	6.19	≤11.00	PASS
	total	5320	9.42	≤11.00	PASS
	Ant5	5500	6.97	≤11.00	PASS
	Ant4	5500	6.14	≤11.00	PASS
	total	5500	9.59	≤11.00	PASS
	Ant5	5580	7.49	≤11.00	PASS
	Ant4	5580	6.36	≤11.00	PASS
	total	5580	9.97	≤11.00	PASS
	Ant5	5700	6.34	≤11.00	PASS
	Ant4	5700	5.62	≤11.00	PASS
	total	5700	9.01	≤11.00	PASS
	Ant5	5720_UNII-2C	6.81	≤11.00	PASS
	Ant4	5720_UNII-2C	6.11	≤11.00	PASS
	total	5720_UNII-2C	9.48	≤11.00	PASS
	Ant5	5720_UNII-3	3.55	≤30.00	PASS
	Ant4	5720_UNII-3	2.91	≤30.00	PASS
	total	5720_UNII-3	6.25	≤30.00	PASS
	Ant5	5745	4.49	≤30.00	PASS
	Ant4	5745	3.69	≤30.00	PASS
	total	5745	7.12	≤30.00	PASS
	Ant5	5785	4.35	≤30.00	PASS
	Ant4	5785	3.12	≤30.00	PASS
	total	5785	6.79	≤30.00	PASS
	Ant5	5825	4.14	≤30.00	PASS
	Ant4	5825	3.26	≤30.00	PASS
	total	5825	6.73	≤30.00	PASS
11AX40MIMO	Ant5	5190	2.42	≤11.00	PASS
	Ant4	5190	2.09	≤11.00	PASS
	total	5190	5.27	≤11.00	PASS
	Ant5	5230	3.92	≤11.00	PASS
	Ant4	5230	3.55	≤11.00	PASS
	total	5230	6.75	≤11.00	PASS

	Ant5	5270	4.19	≤11.00	PASS
	Ant4	5270	3.69	≤11.00	PASS
	total	5270	6.96	≤11.00	PASS
	Ant5	5310	3.29	≤11.00	PASS
	Ant4	5310	2.66	≤11.00	PASS
	total	5310	6.00	≤11.00	PASS
	Ant5	5510	2.8	≤11.00	PASS
	Ant4	5510	1.39	≤11.00	PASS
	total	5510	5.16	≤11.00	PASS
	Ant5	5550	5.05	≤11.00	PASS
	Ant4	5550	3.3	≤11.00	PASS
	total	5550	7.27	≤11.00	PASS
	Ant5	5670	4.11	≤11.00	PASS
	Ant4	5670	3.24	≤11.00	PASS
	total	5670	6.71	≤11.00	PASS
	Ant5	5710_UNII-2C	4.76	≤11.00	PASS
	Ant4	5710_UNII-2C	3.77	≤11.00	PASS
	total	5710_UNII-2C	7.30	≤11.00	PASS
	Ant5	5710_UNII-3	0.99	≤30.00	PASS
	Ant4	5710_UNII-3	-0.05	≤30.00	PASS
	total	5710_UNII-3	3.51	≤30.00	PASS
	Ant5	5755	1.69	≤30.00	PASS
	Ant4	5755	0.67	≤30.00	PASS
	total	5755	4.22	≤30.00	PASS
	Ant5	5795	1.89	≤30.00	PASS
	Ant4	5795	0.47	≤30.00	PASS
	total	5795	4.25	≤30.00	PASS
11AX80MIMO	Ant5	5210	-1.17	≤11.00	PASS
	Ant4	5210	-1.43	≤11.00	PASS
	total	5210	1.71	≤11.00	PASS
	Ant5	5290	-0.35	≤11.00	PASS
	Ant4	5290	-0.69	≤11.00	PASS
	total	5290	2.49	≤11.00	PASS
	Ant5	5530	-0.59	≤11.00	PASS
	Ant4	5530	-1.79	≤11.00	PASS
	total	5530	1.86	≤11.00	PASS
	Ant5	5610	1.68	≤11.00	PASS
	Ant4	5610	0.71	≤11.00	PASS
	total	5610	4.23	≤11.00	PASS
	Ant5	5690_UNII-2C	1.57	≤11.00	PASS
	Ant4	5690_UNII-2C	0.82	≤11.00	PASS
	total	5690_UNII-2C	4.22	≤11.00	PASS
	Ant5	5690_UNII-3	-2.6	≤30.00	PASS
	Ant4	5690_UNII-3	-3.48	≤30.00	PASS
	total	5690_UNII-3	-0.01	≤30.00	PASS
	Ant5	5775	-1.43	≤30.00	PASS
	Ant4	5775	-2.51	≤30.00	PASS
	total	5775	1.07	≤30.00	PASS

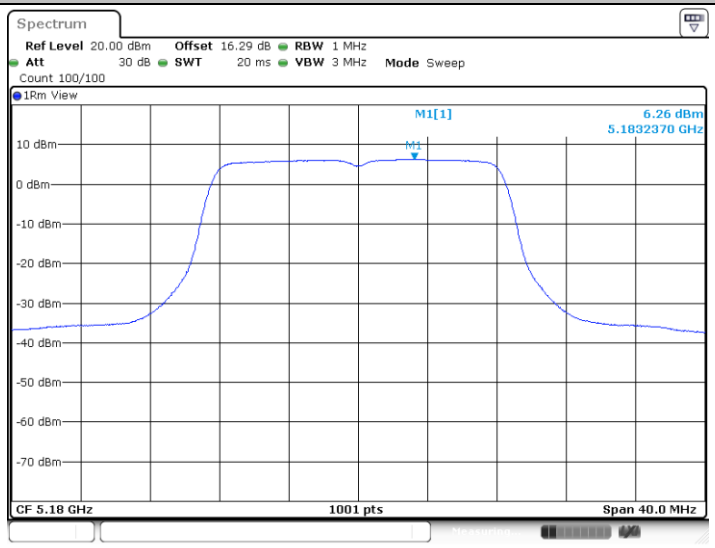
11AX160MIMO	Ant5	5250_UNII-1	-4.36	≤11.00	PASS
	Ant4	5250_UNII-1	-4.5	≤11.00	PASS
	total	5250_UNII-1	-1.42	≤11.00	PASS
	Ant5	5250_UNII-2A	-4.25	≤11.00	PASS
	Ant4	5250_UNII-2A	-4.53	≤11.00	PASS
	total	5250_UNII-2A	-1.38	≤11.00	PASS
	Ant5	5570	-3.82	≤11.00	PASS
	Ant4	5570	-4.62	≤11.00	PASS
	total	5570	-1.19	≤11.00	PASS

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

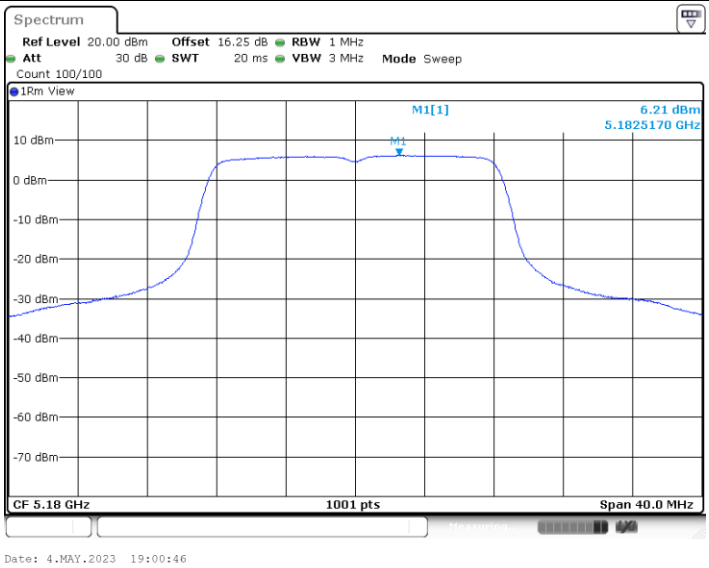
2.The Duty Cycle Factor and is compensated in the graph.

Test Graphs

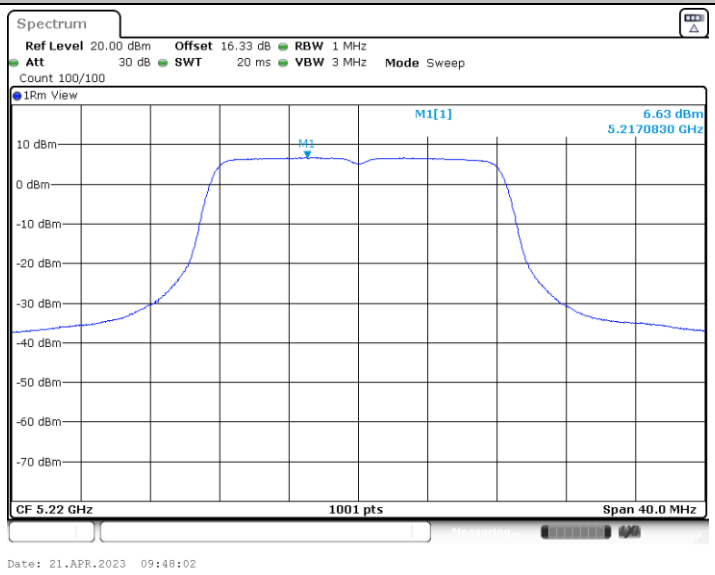
11A-CDD_Ant5_5180



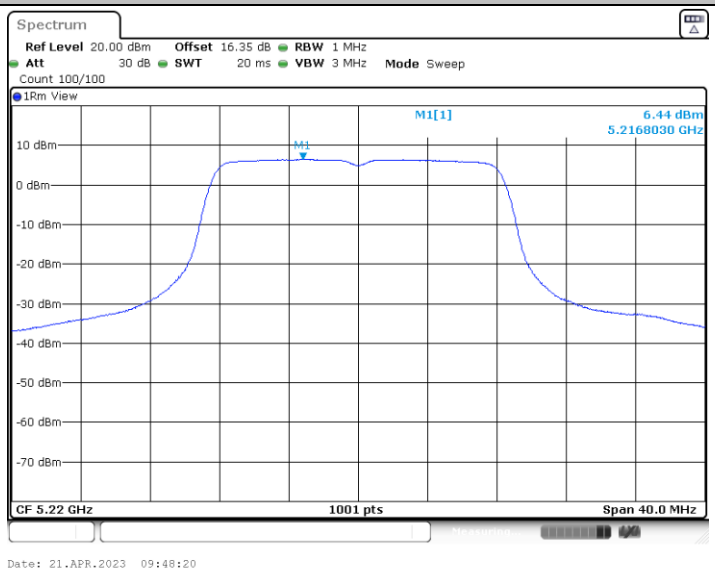
11A-CDD_Ant4_5180



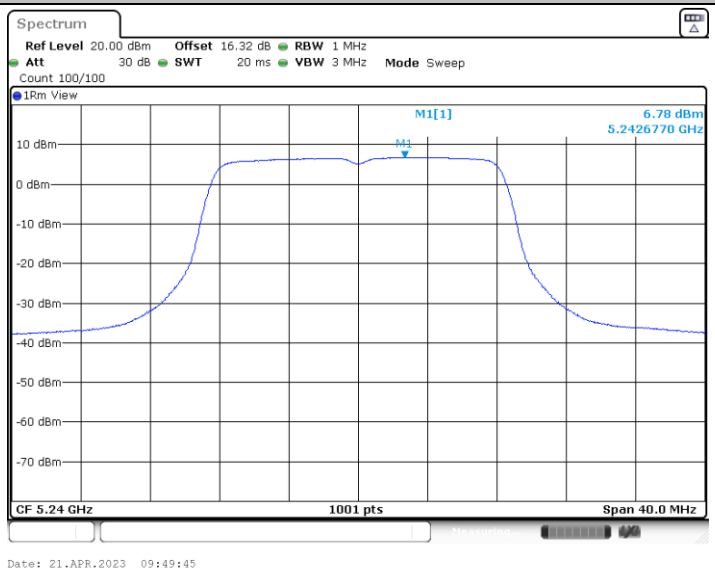
11A-CDD_Ant5_5220



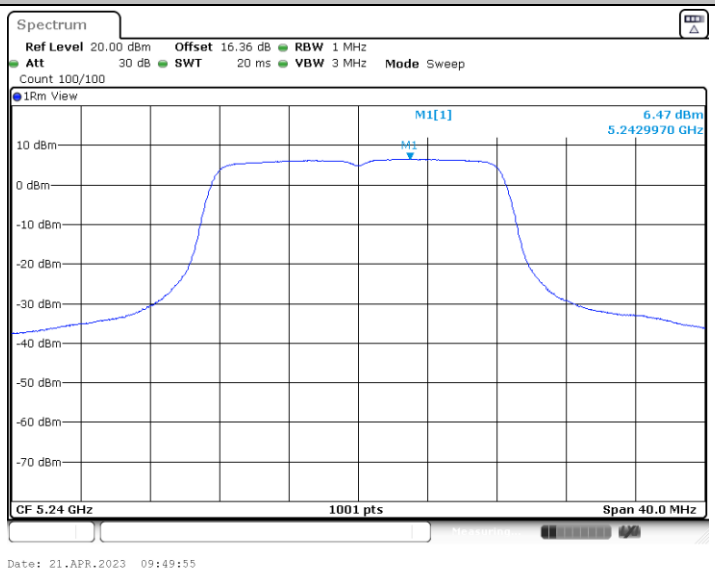
11A-CDD_Ant4_5220



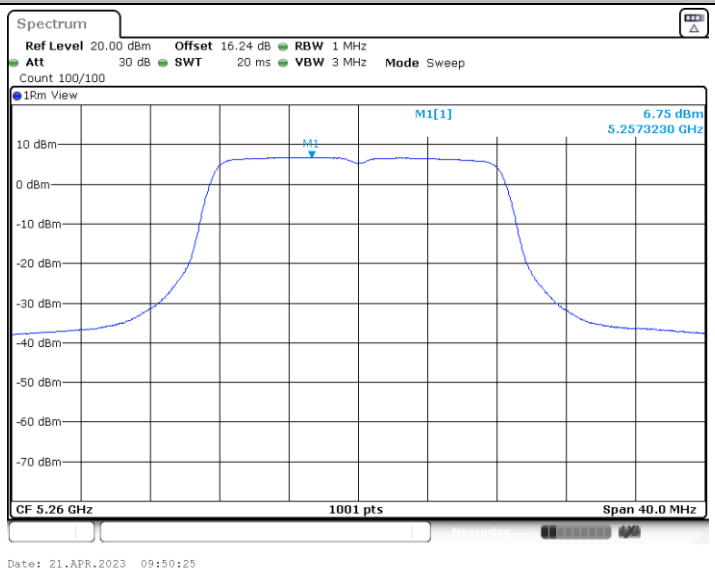
11A-CDD_Ant5_5240



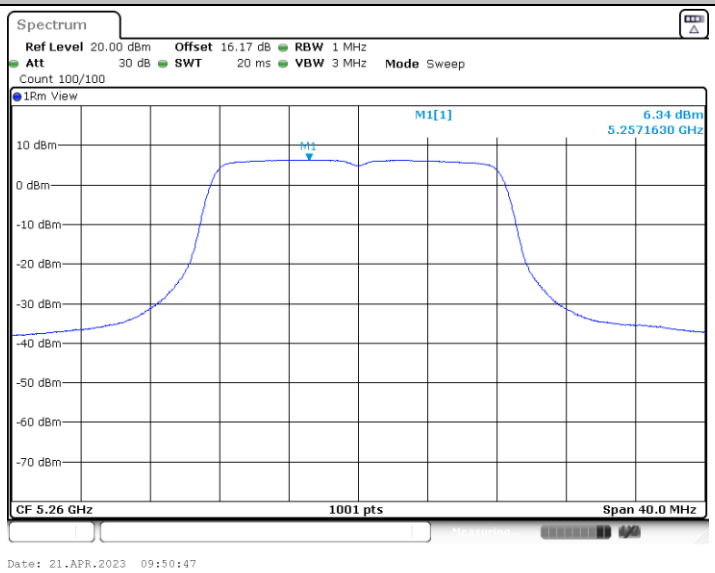
11A-CDD_Ant4_5240



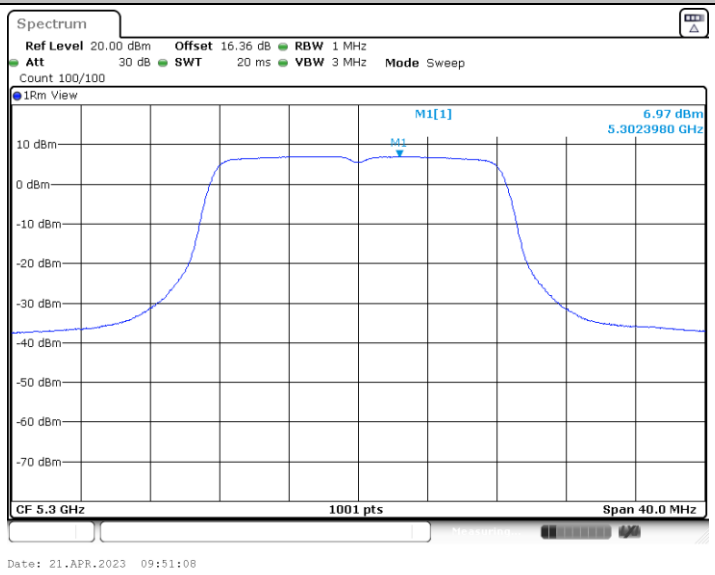
11A-CDD_Ant5_5260



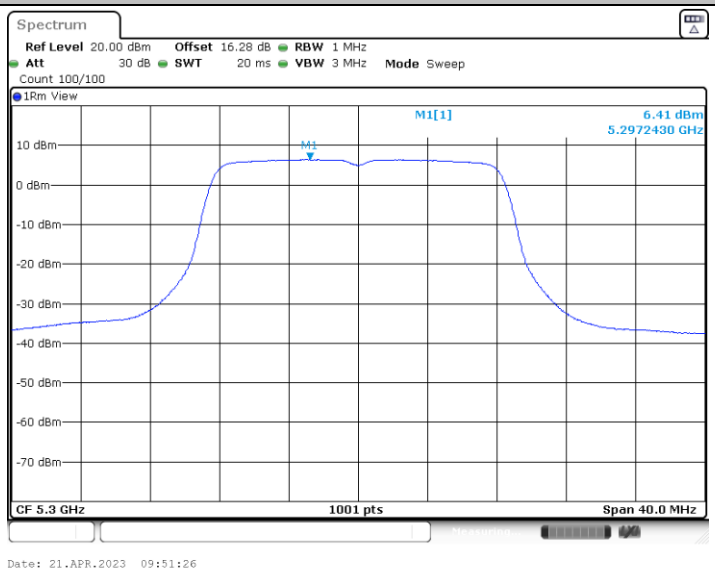
11A-CDD_Ant4_5260



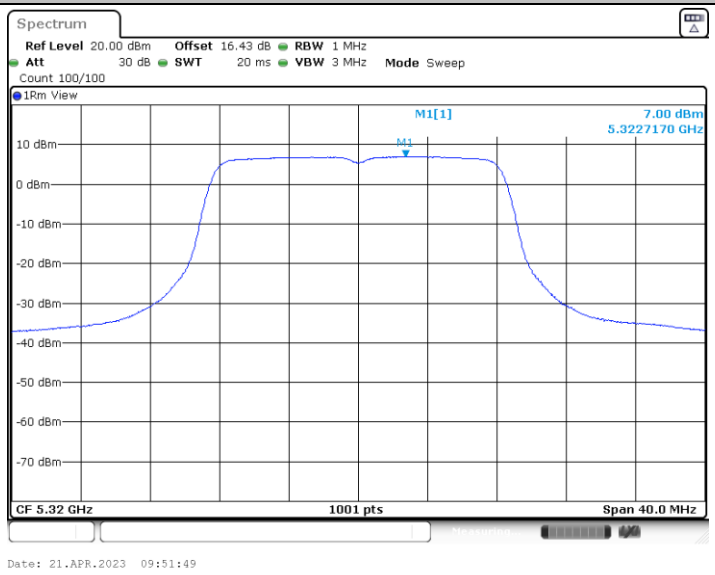
11A-CDD_Ant5_5300



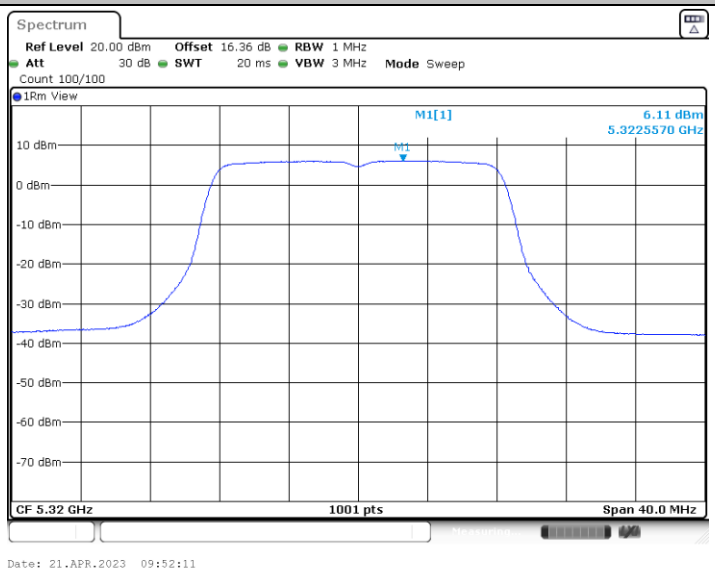
11A-CDD_Ant4_5300



11A-CDD_Ant5_5320



11A-CDD_Ant4_5320



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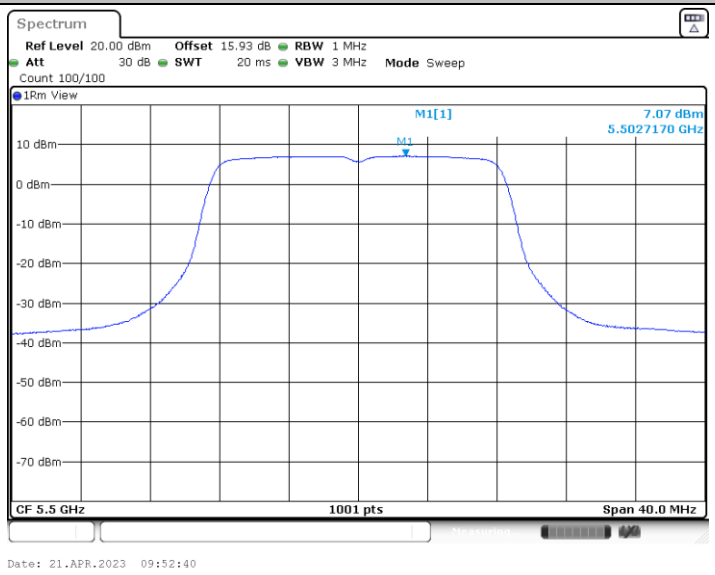
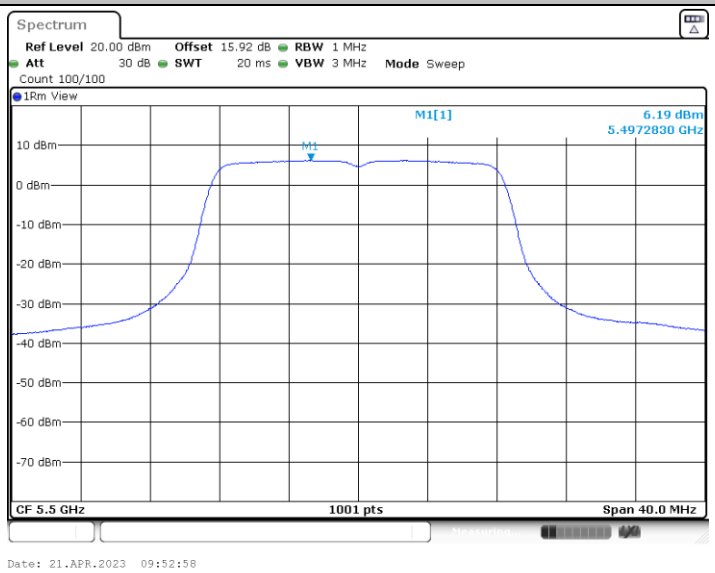
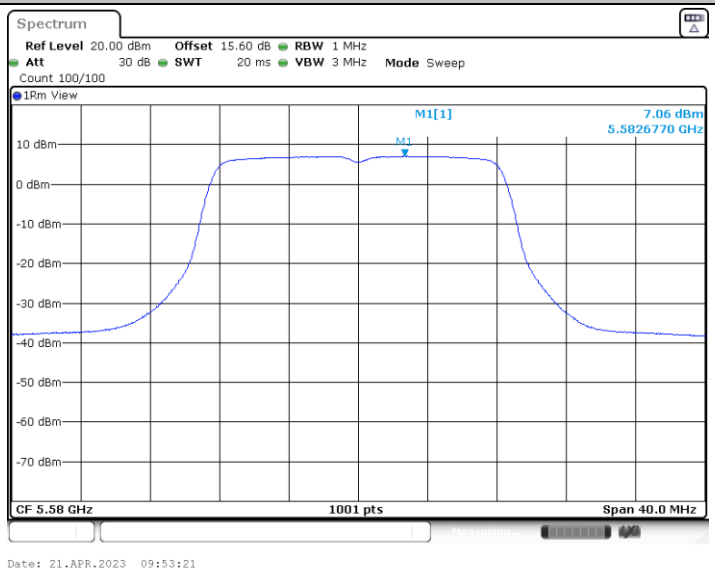


11A-CDD_Ant4_5500



11A-CDD_Ant5_5580



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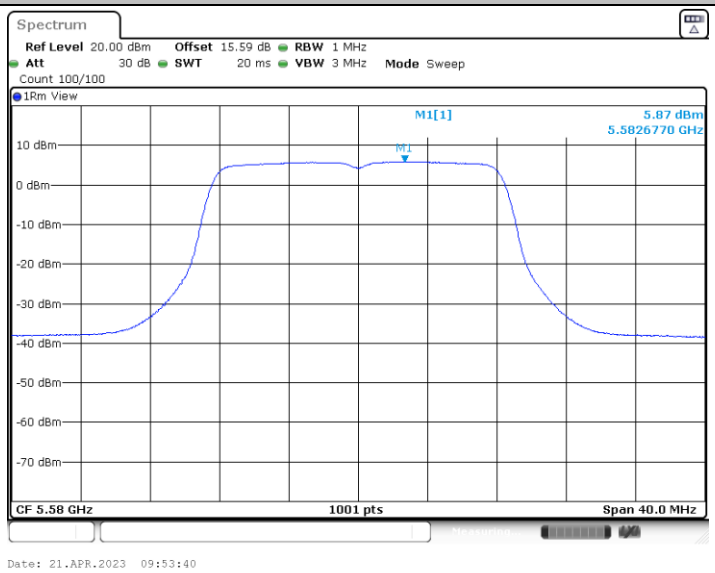

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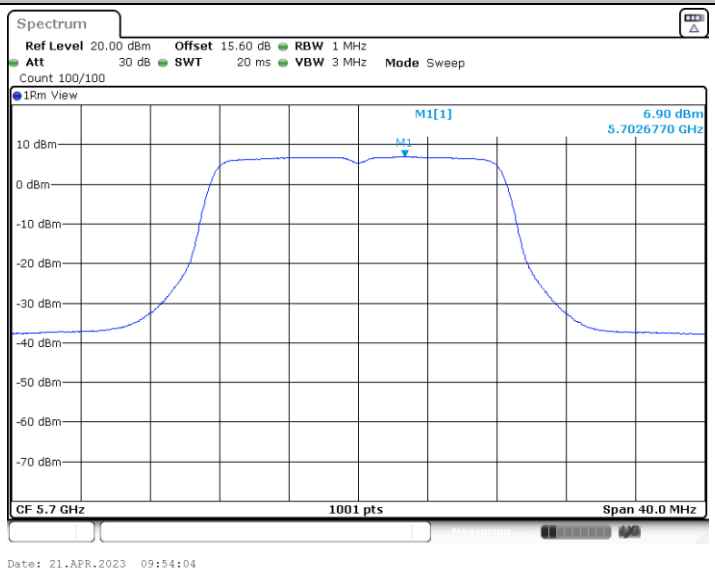
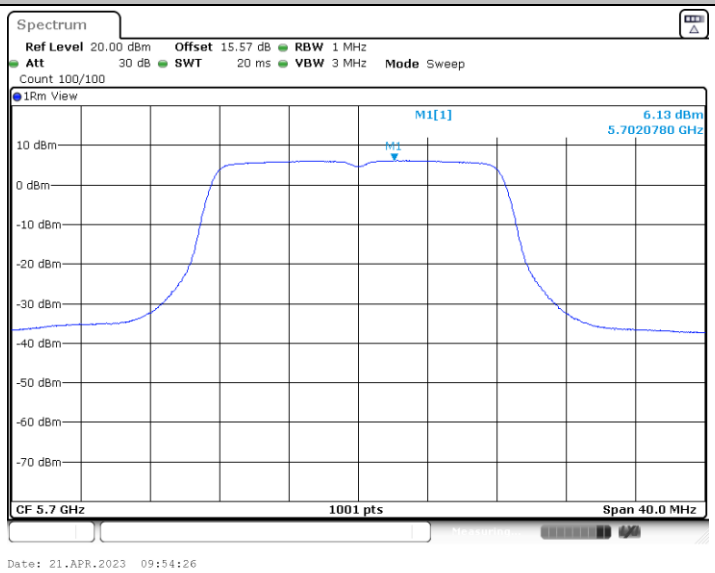
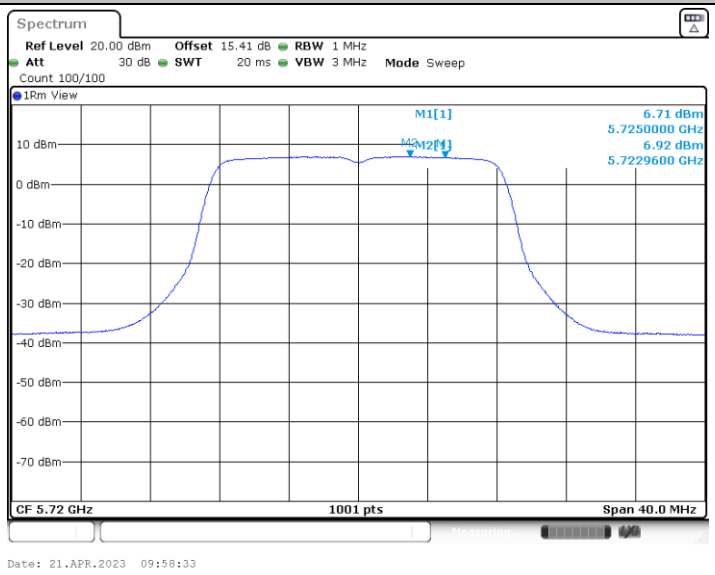


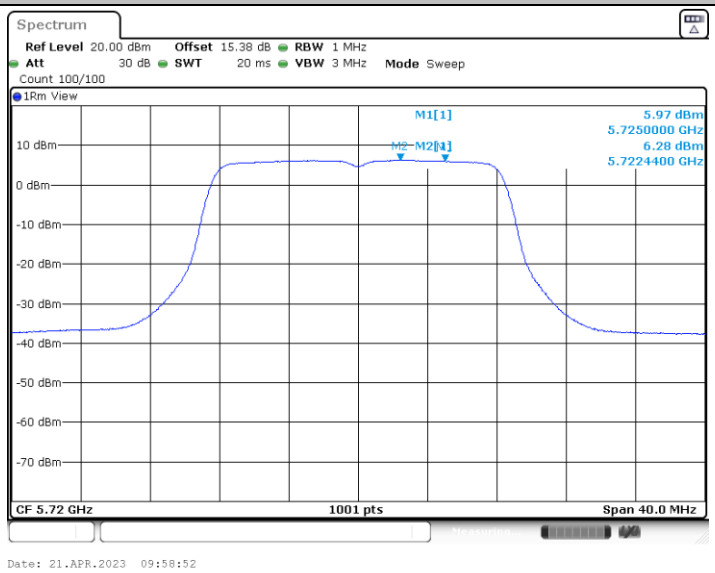
11A-CDD_Ant4_5700



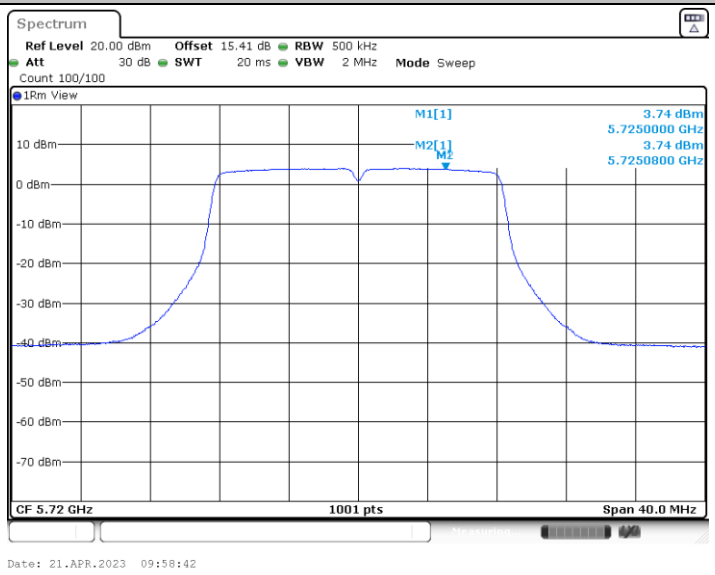
11A-CDD_Ant5_5720_UNII-2C



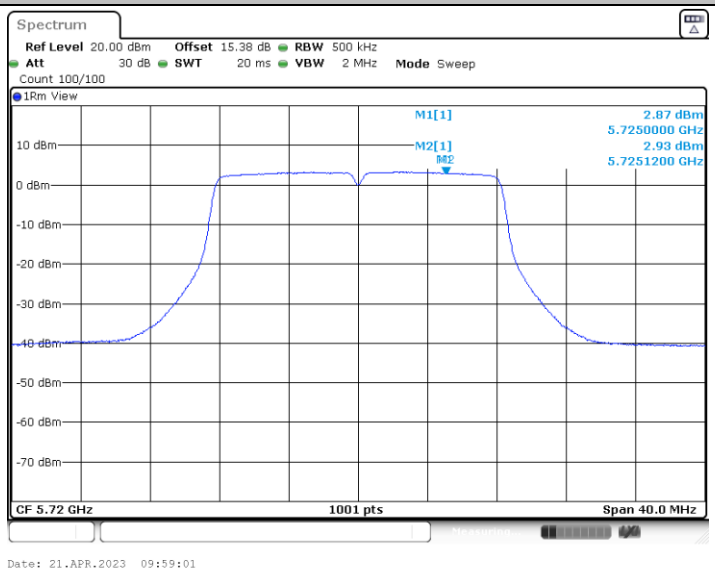
11A-CDD_Ant4_5720_UNII-2C



11A-CDD_Ant5_5720_UNII-3



11A-CDD_Ant4_5720_UNII-3



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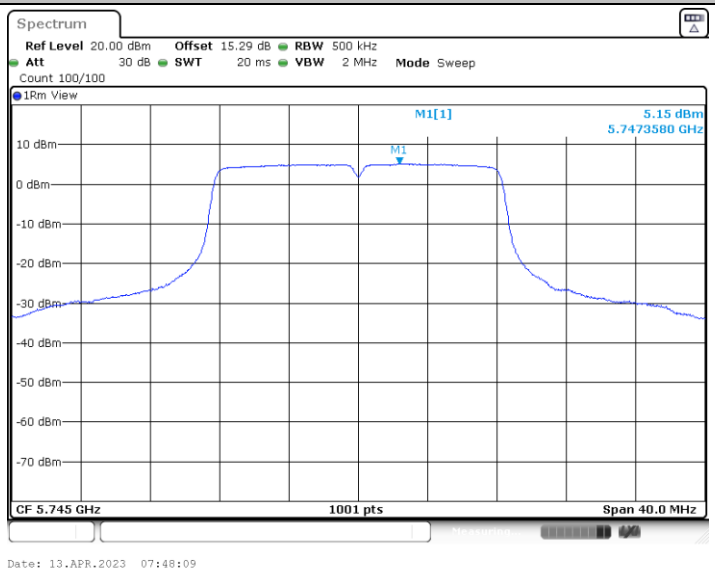

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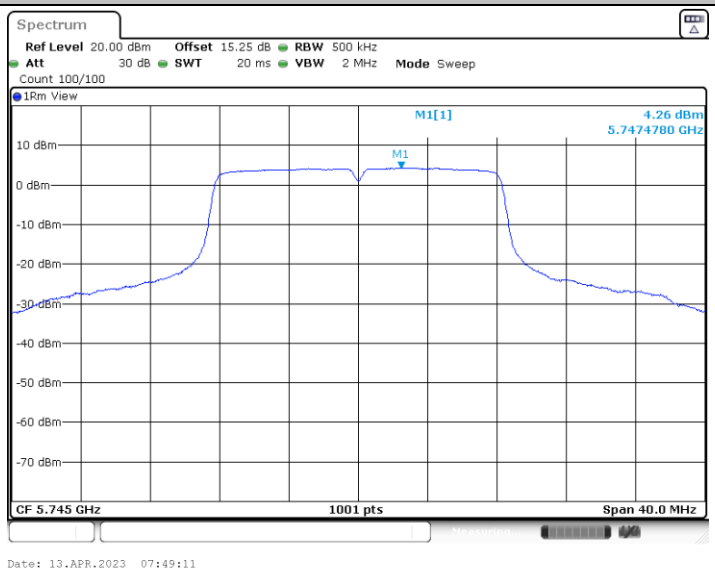

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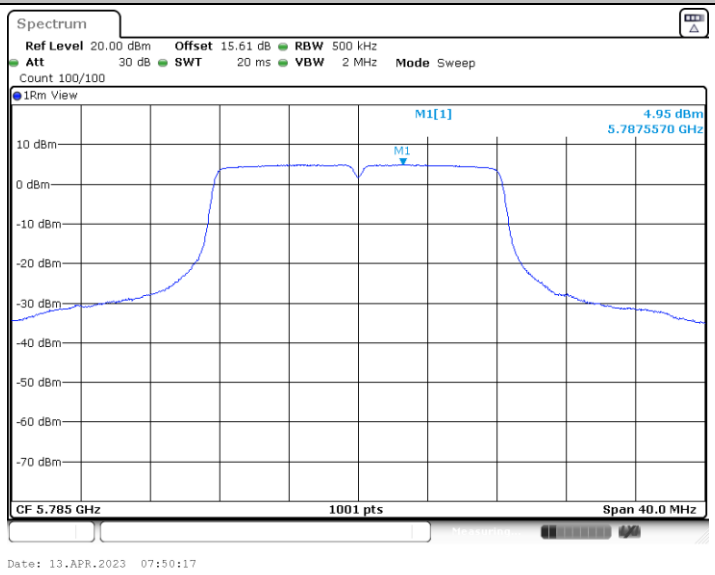

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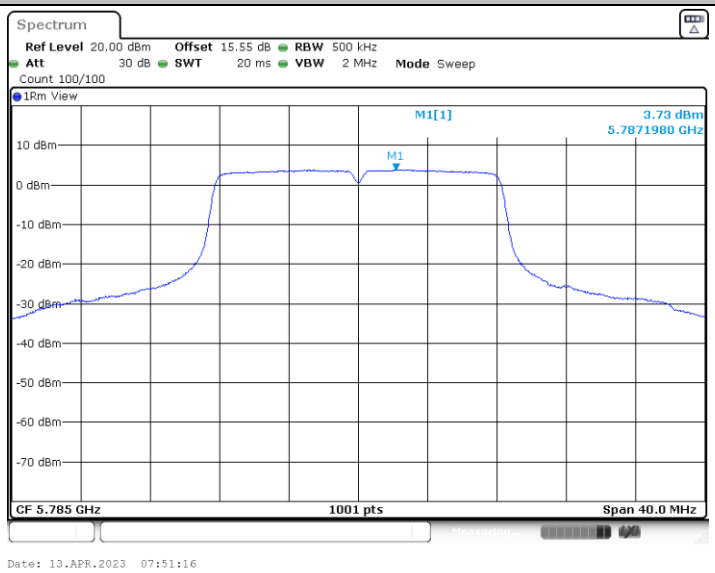

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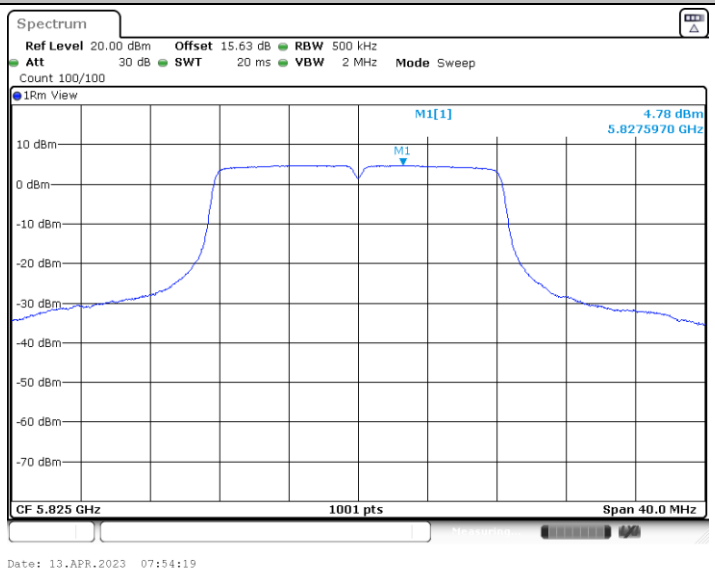

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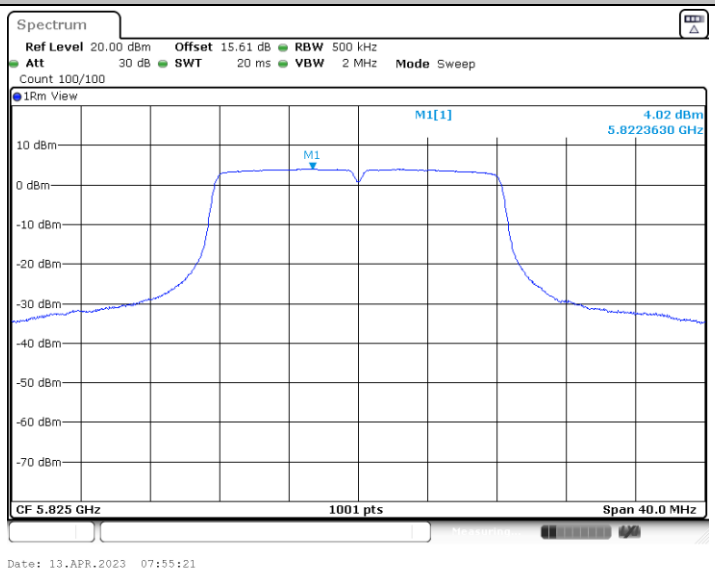

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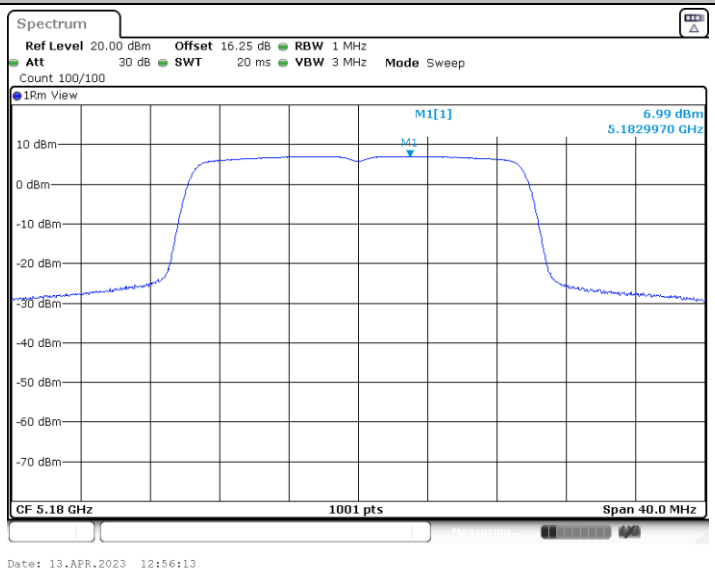

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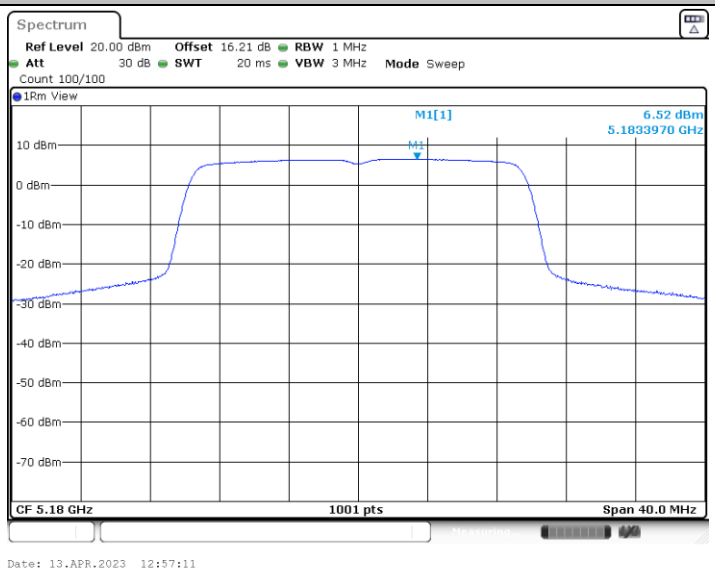

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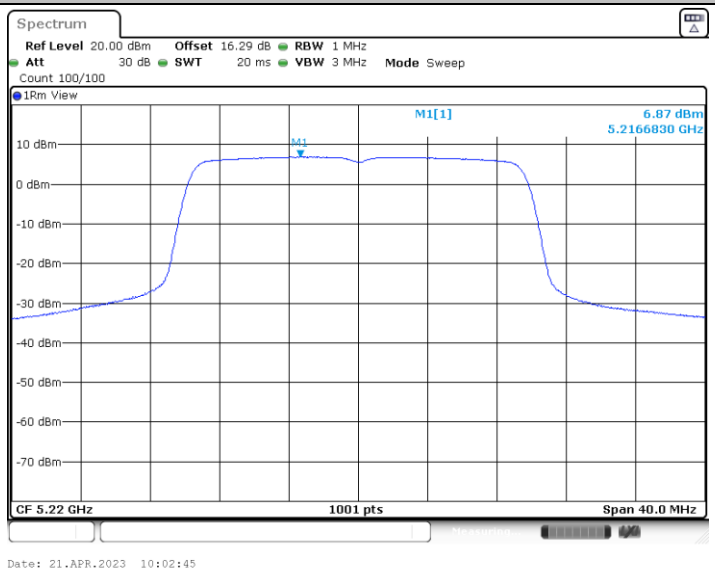

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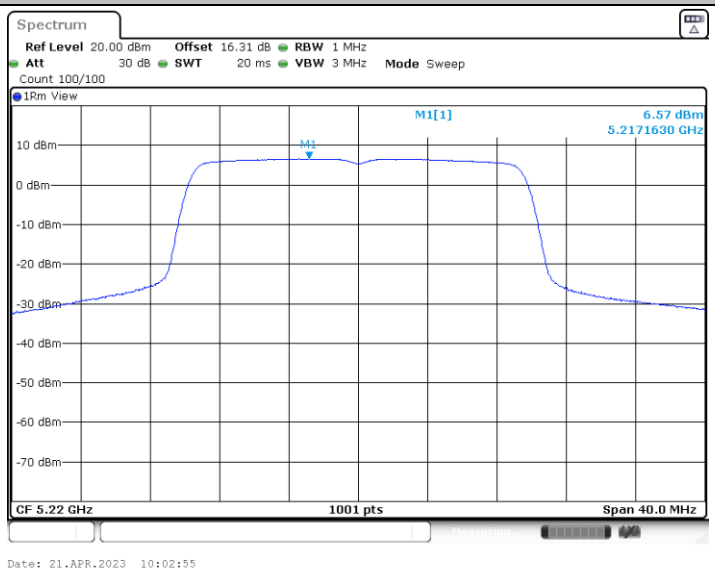

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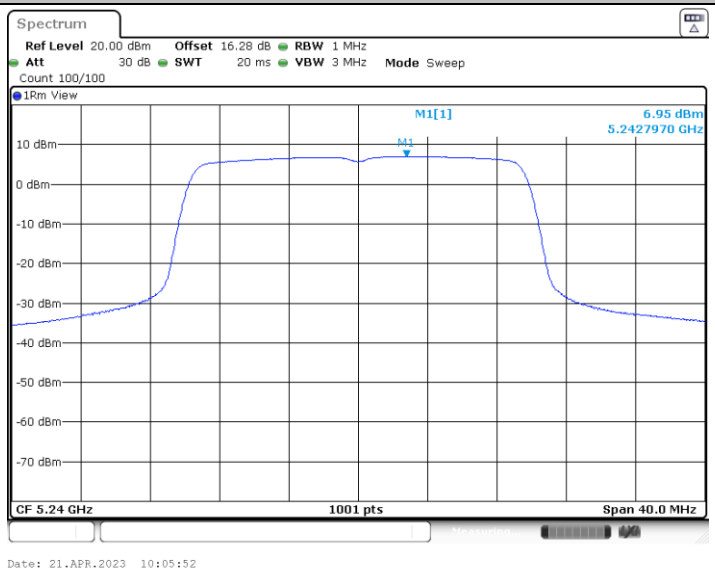

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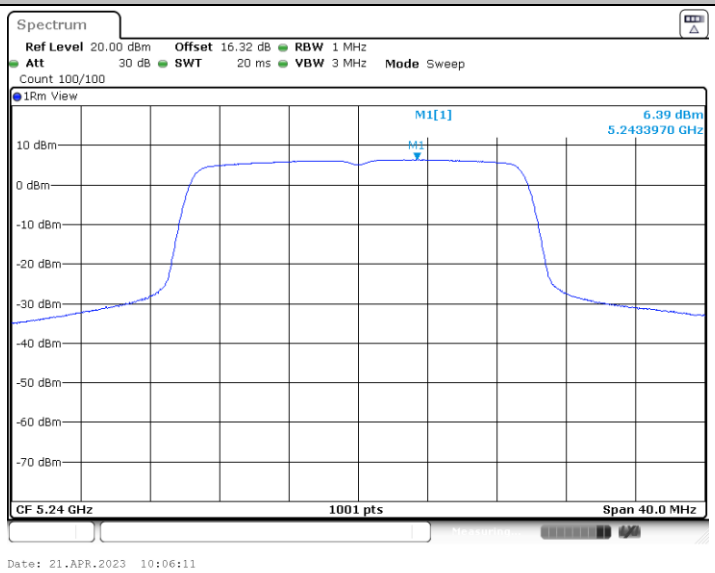

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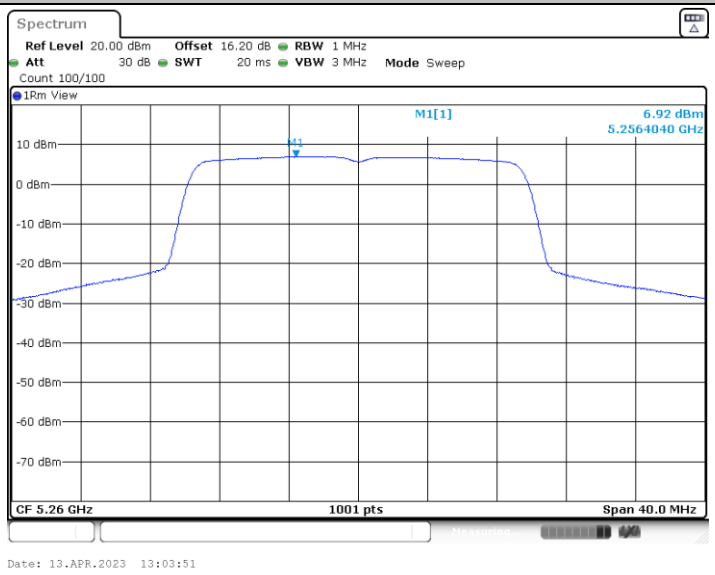

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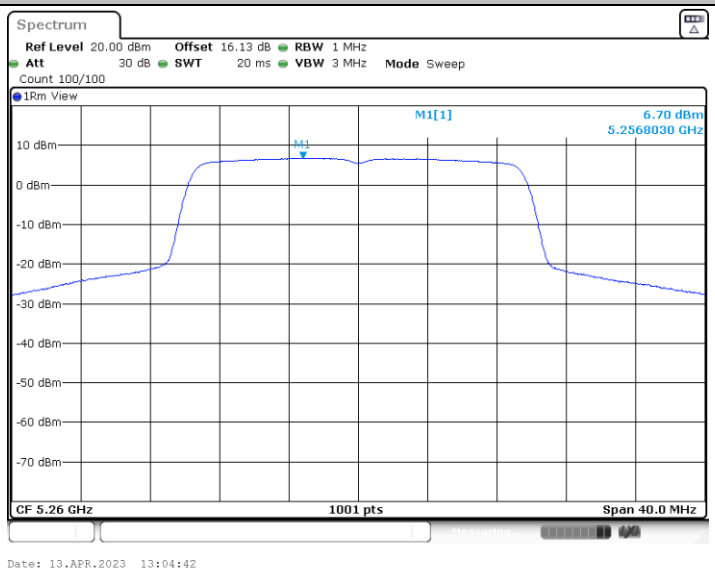

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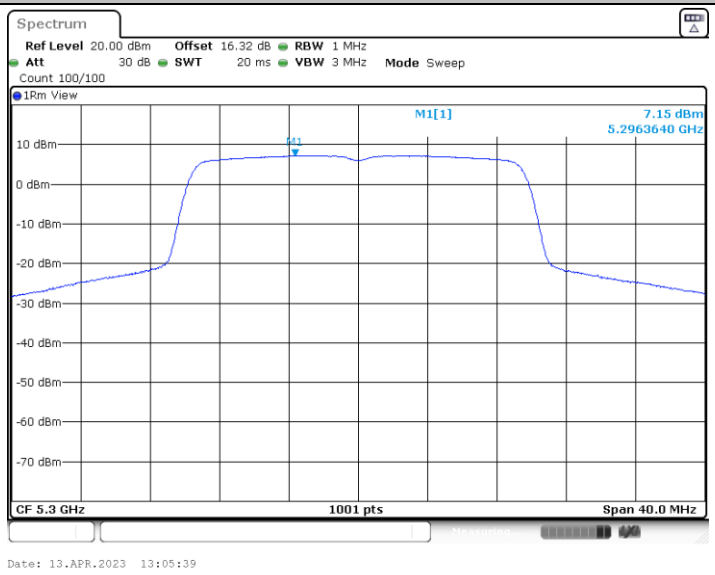

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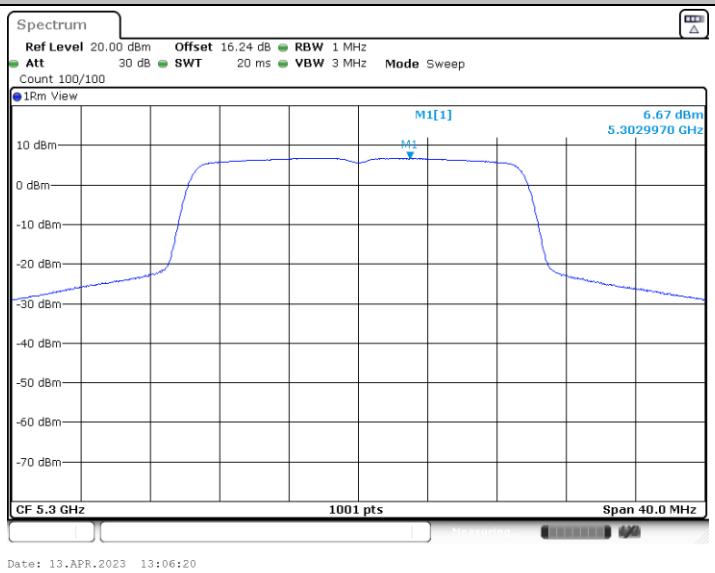

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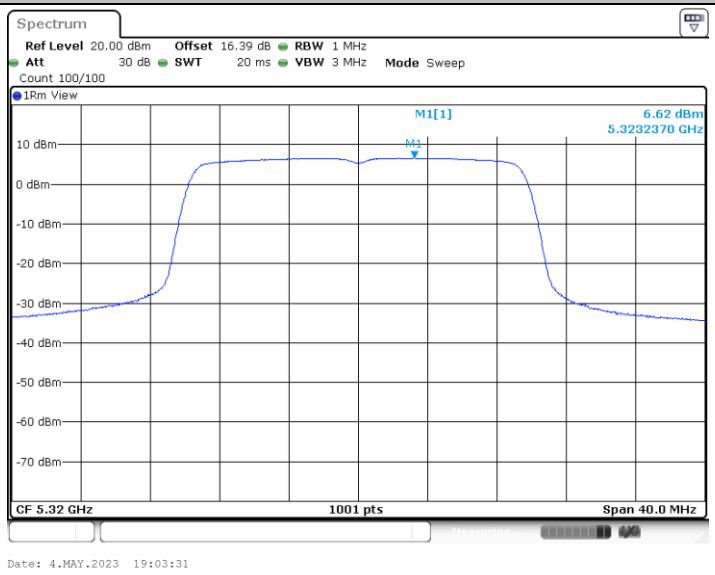

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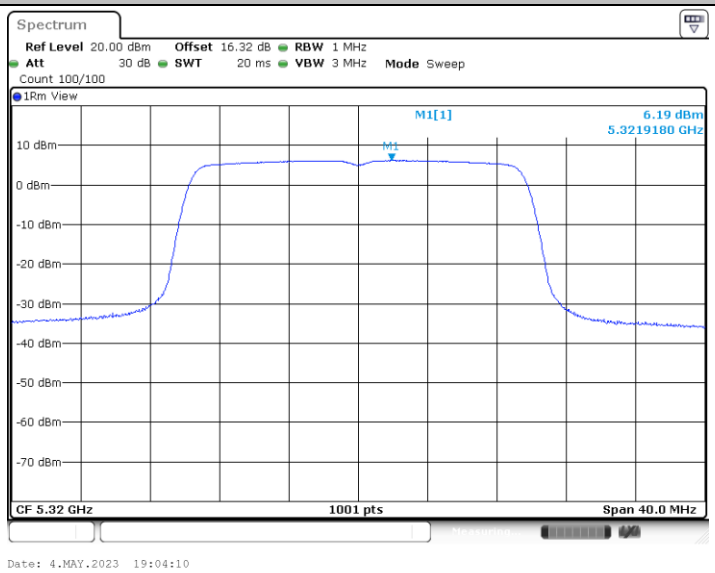

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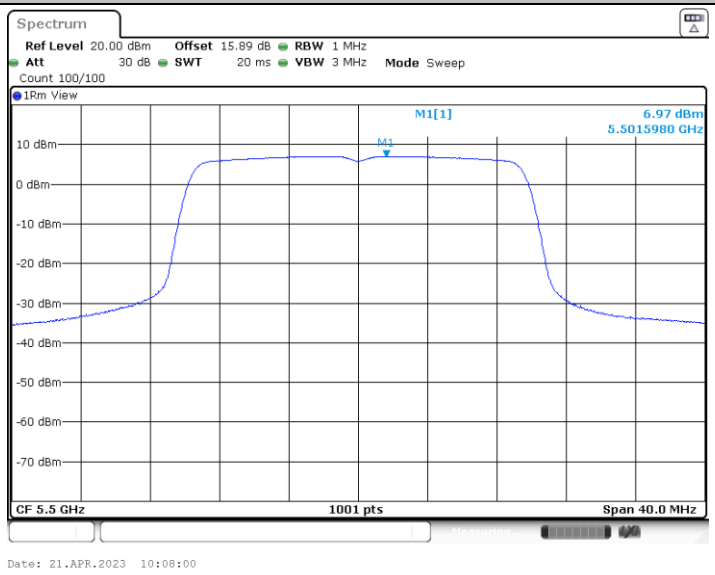

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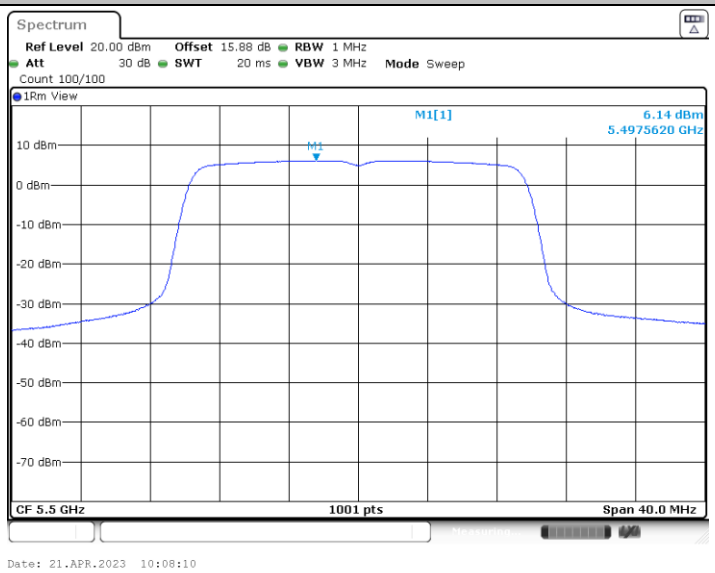

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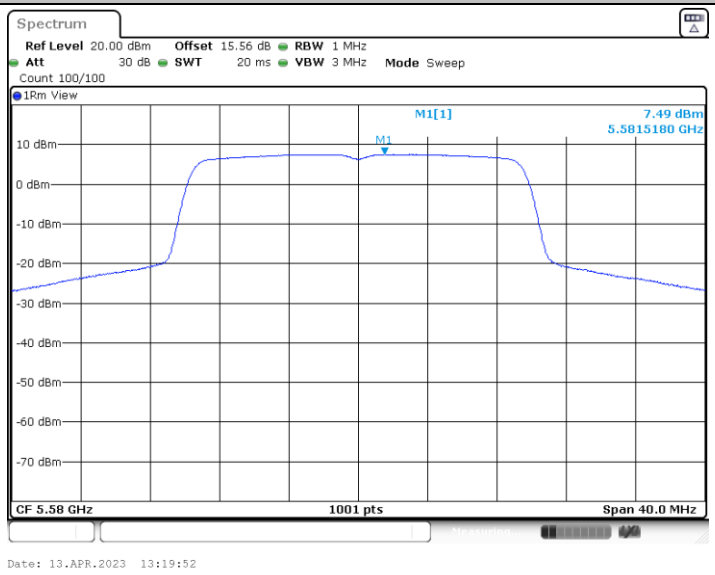

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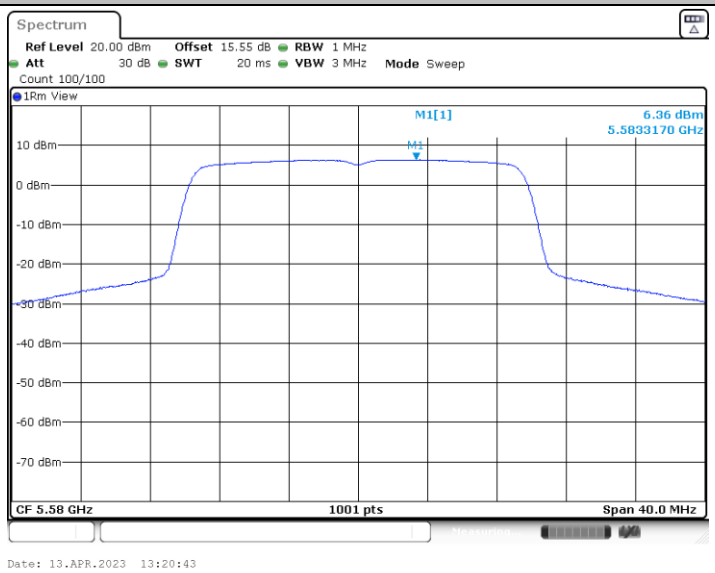

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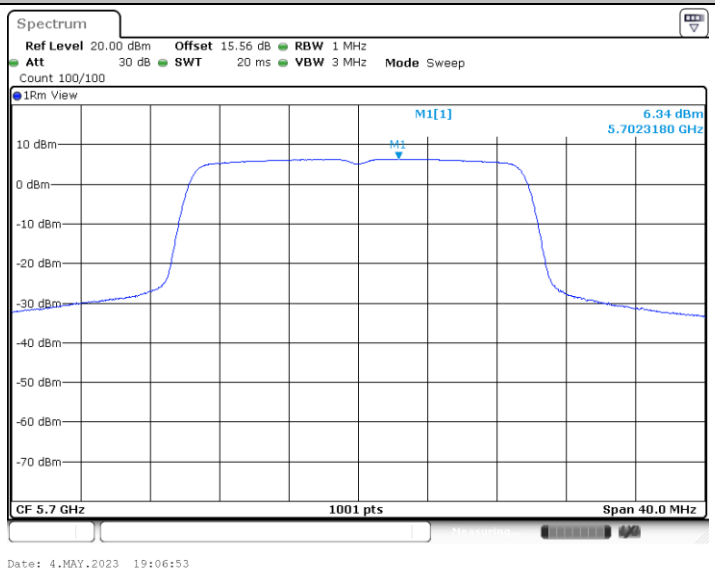

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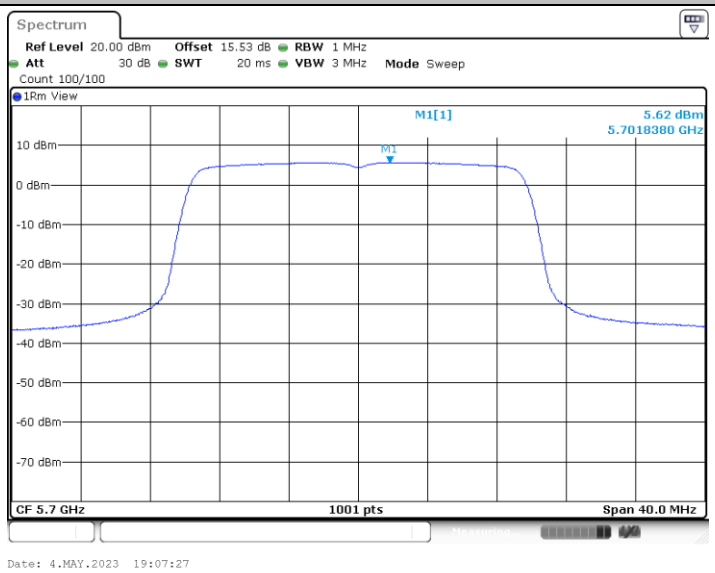

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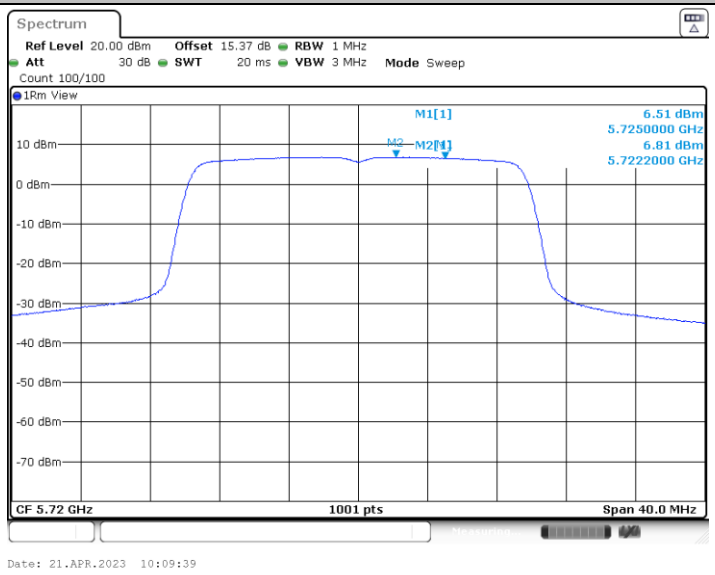

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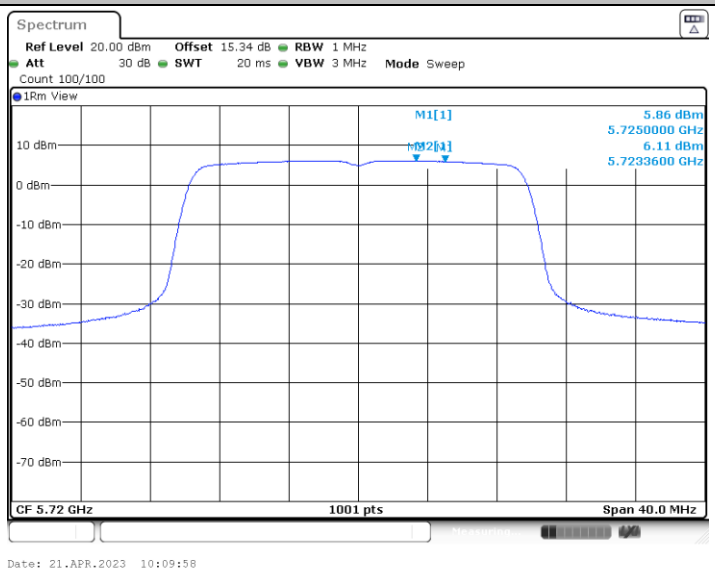

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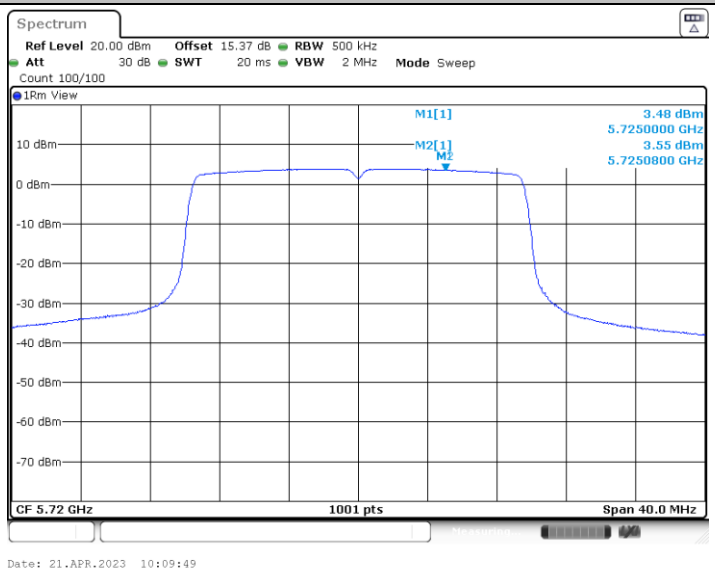

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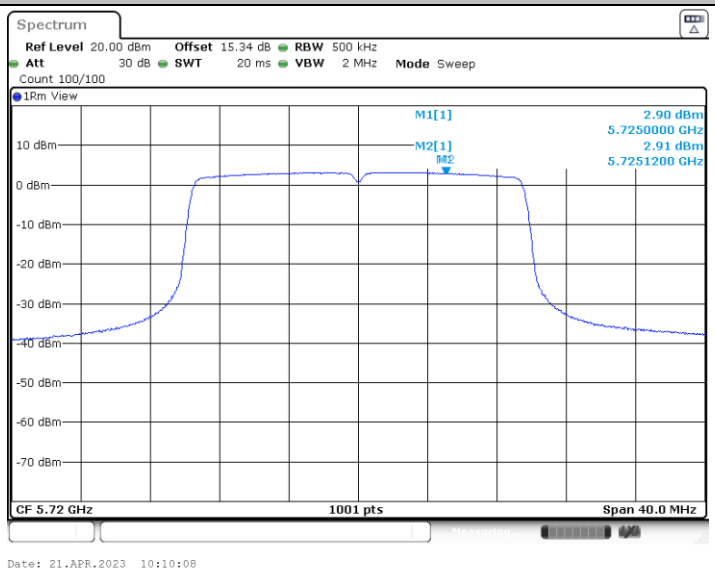

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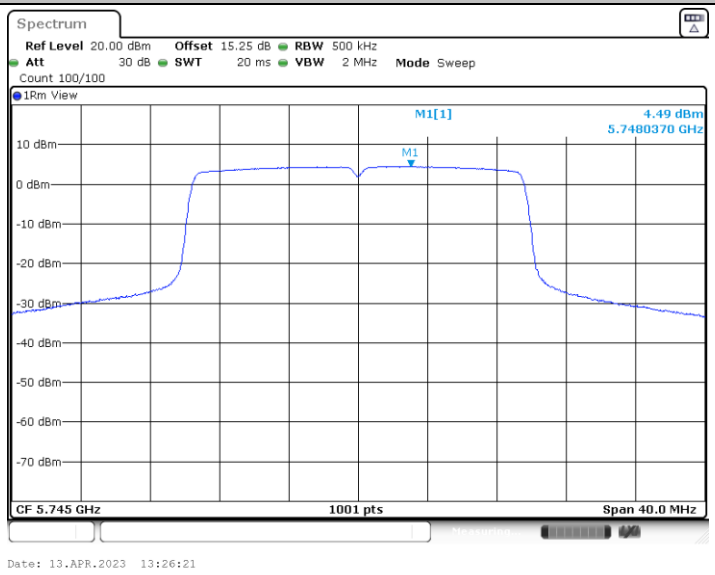

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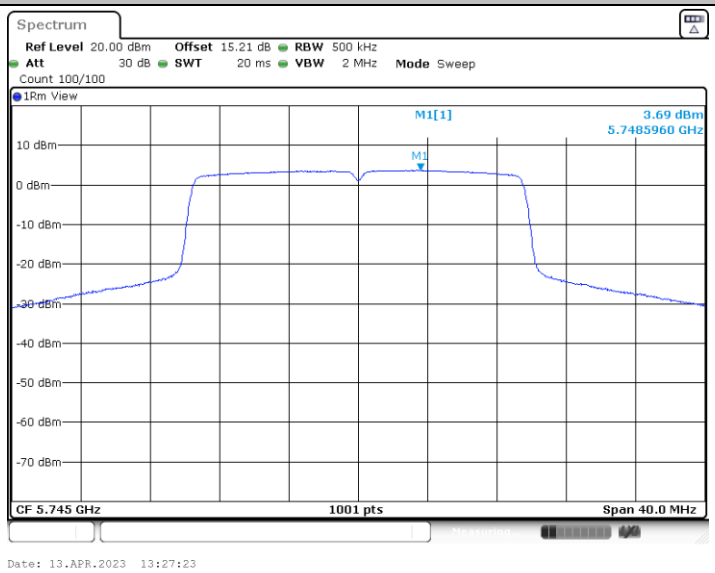

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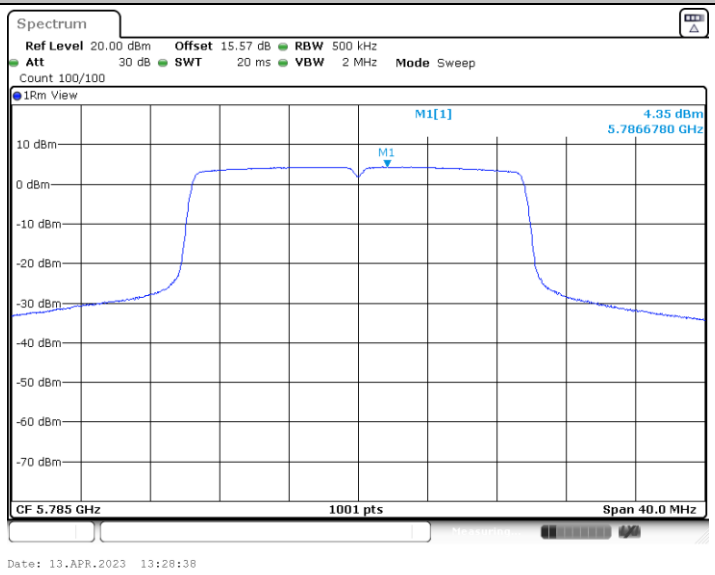

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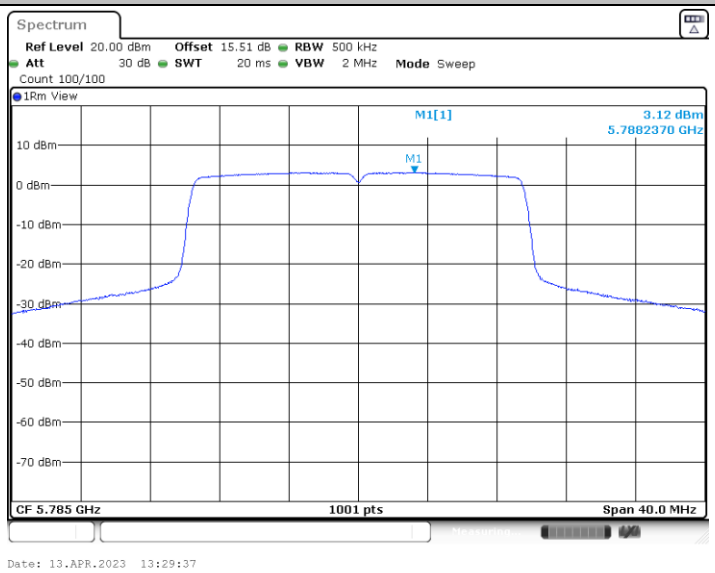

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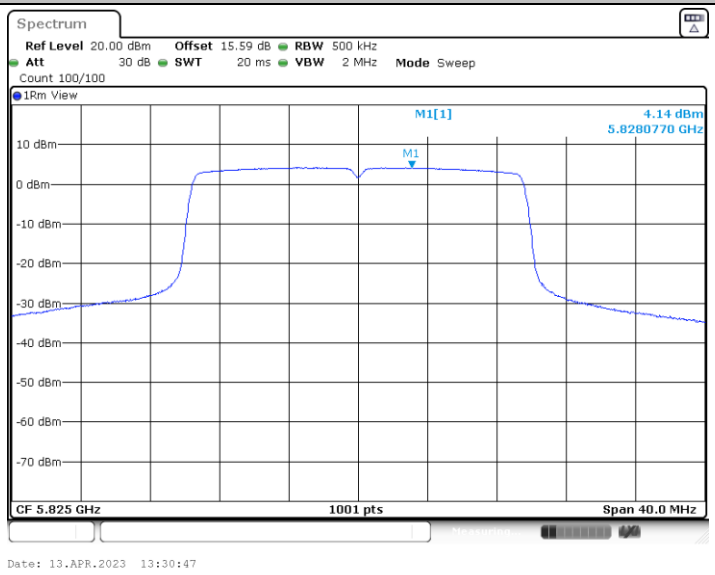

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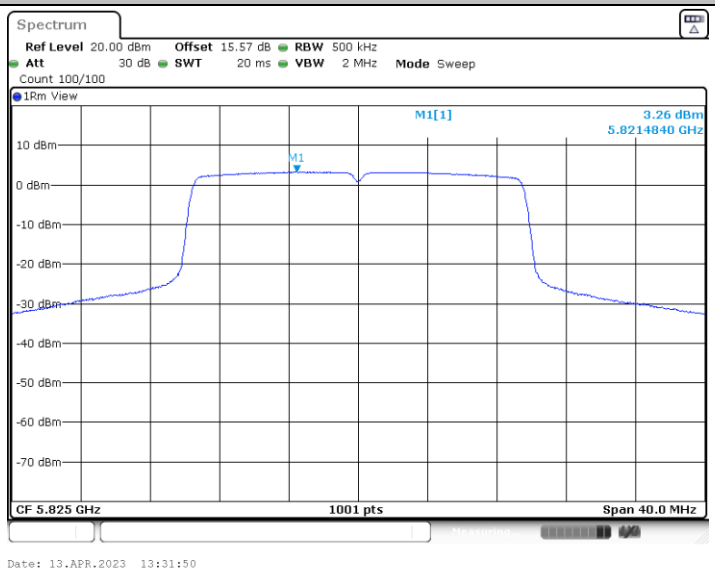

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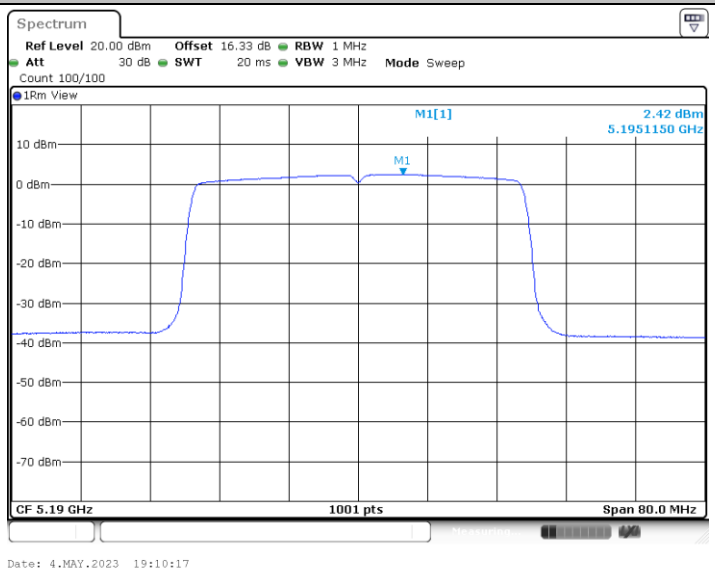

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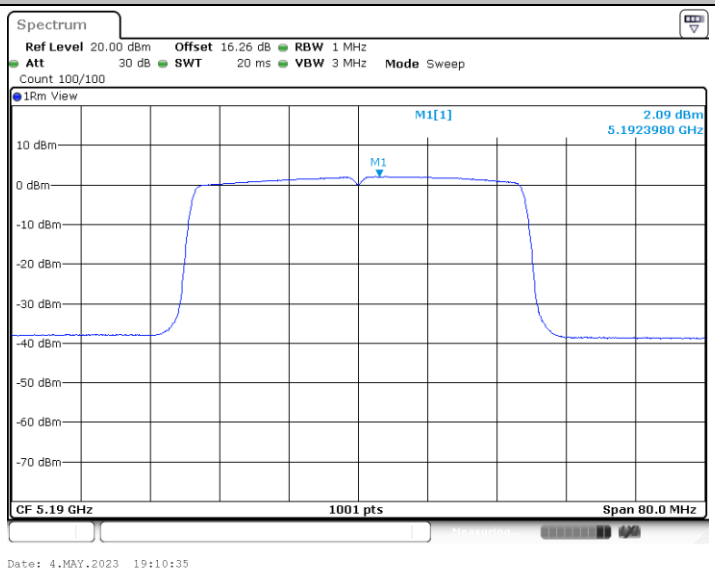

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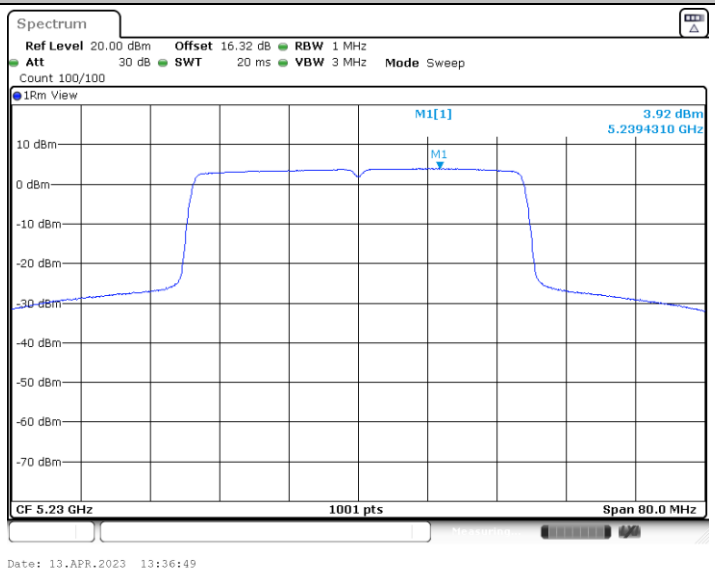

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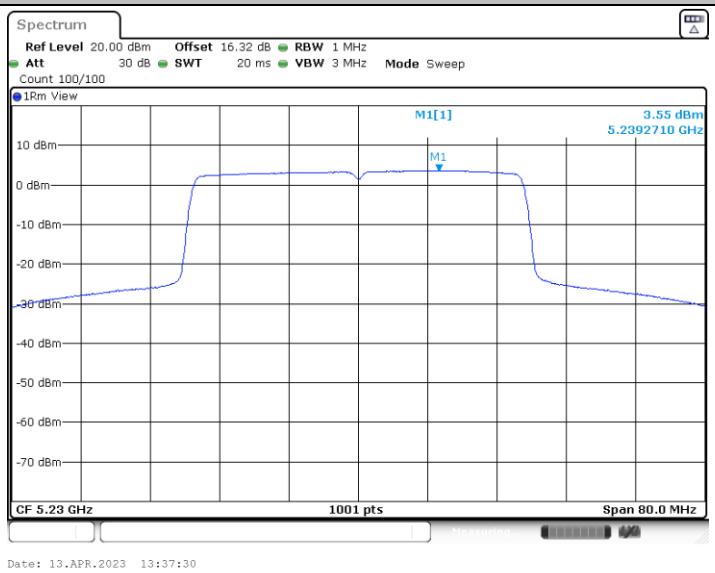

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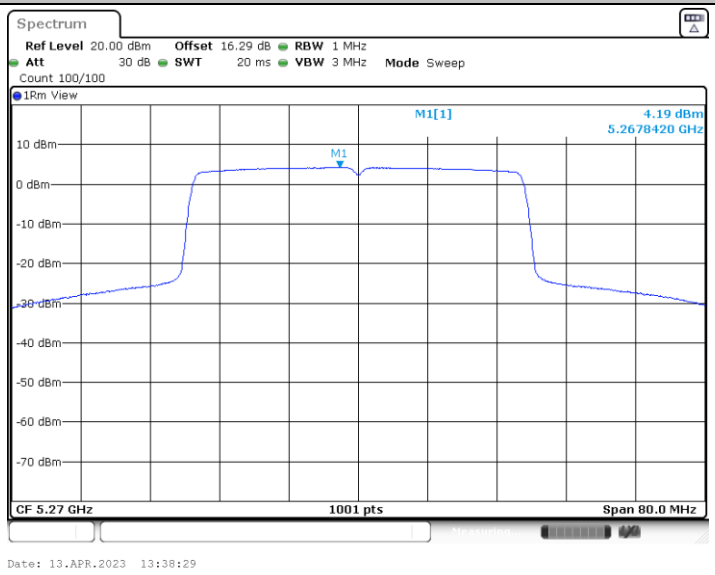

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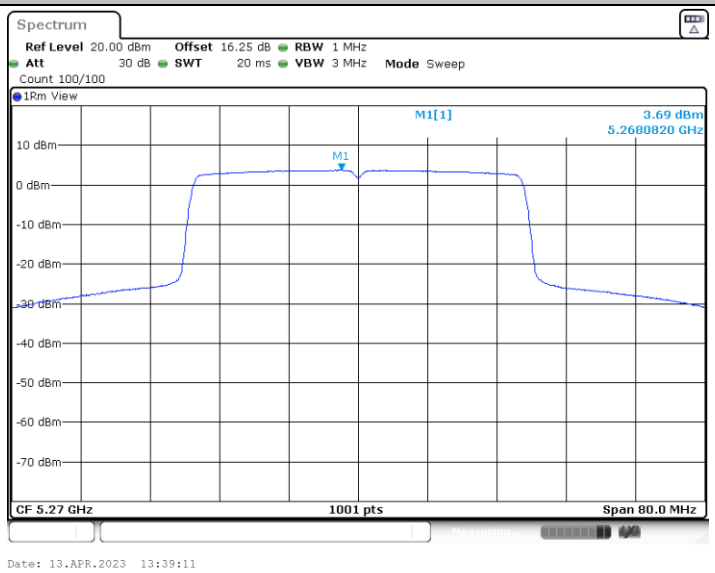

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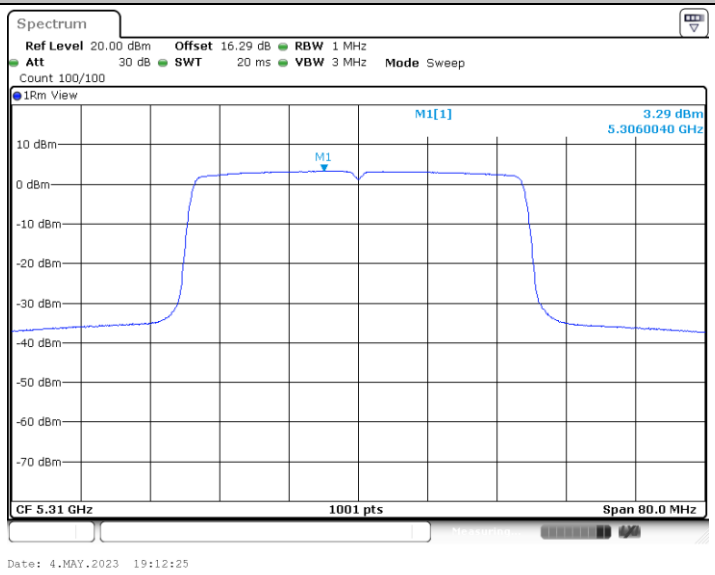

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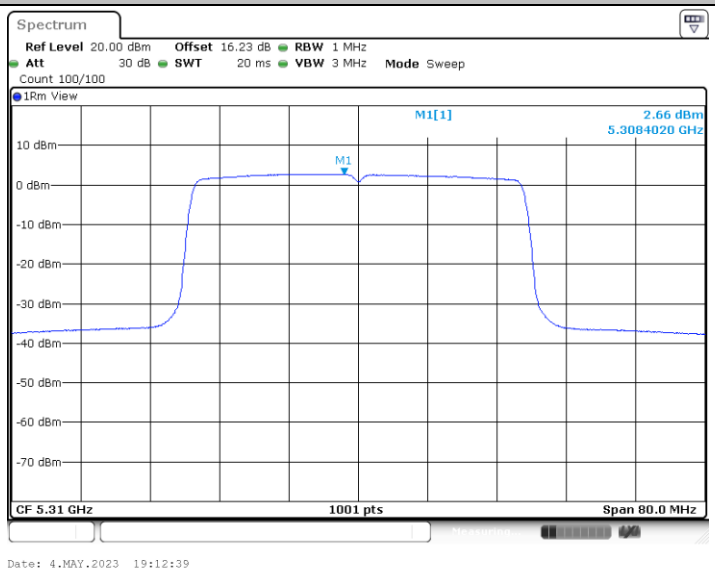

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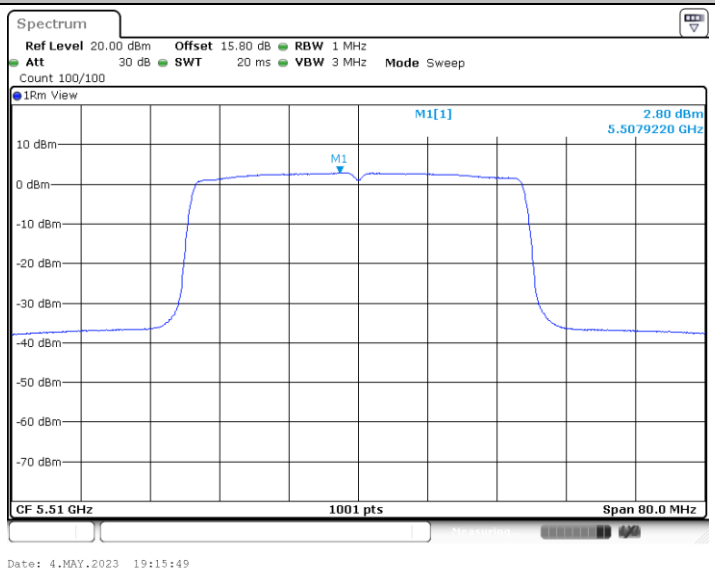

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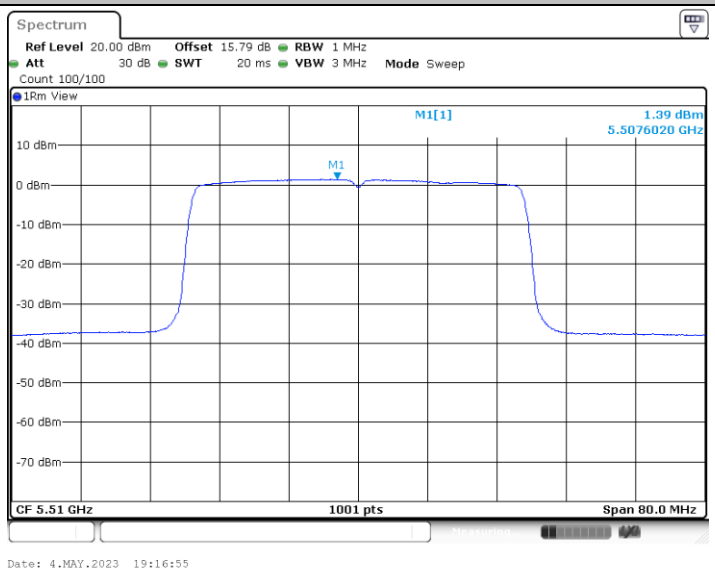

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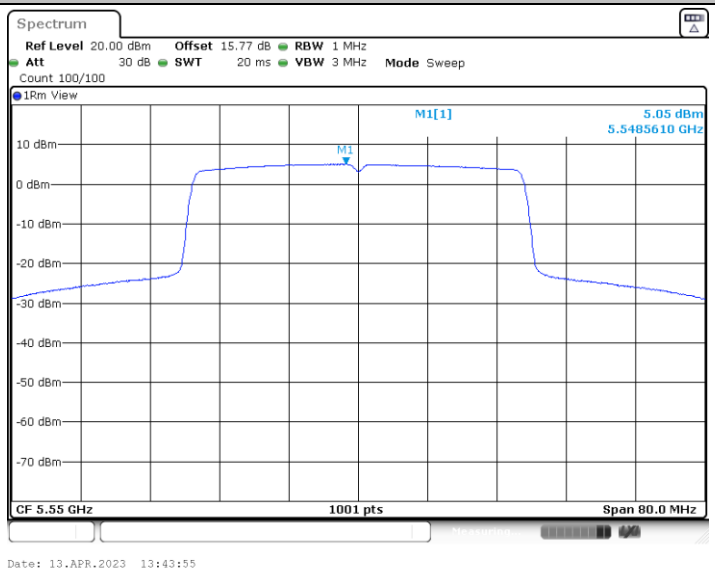

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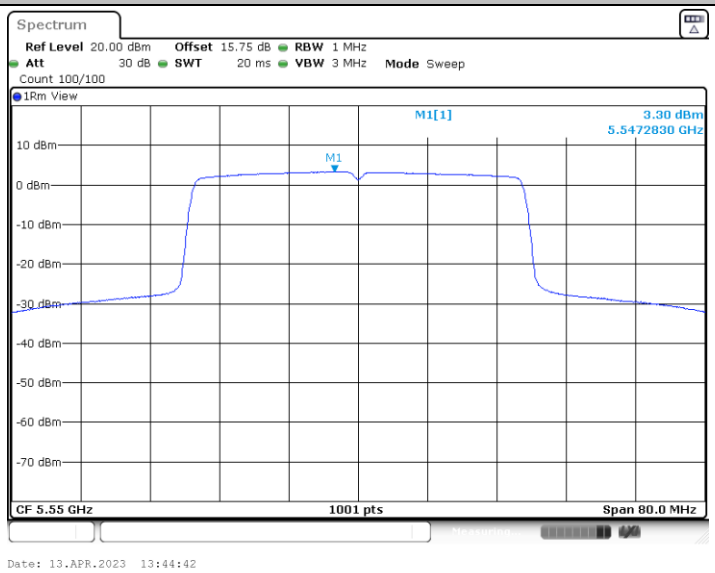

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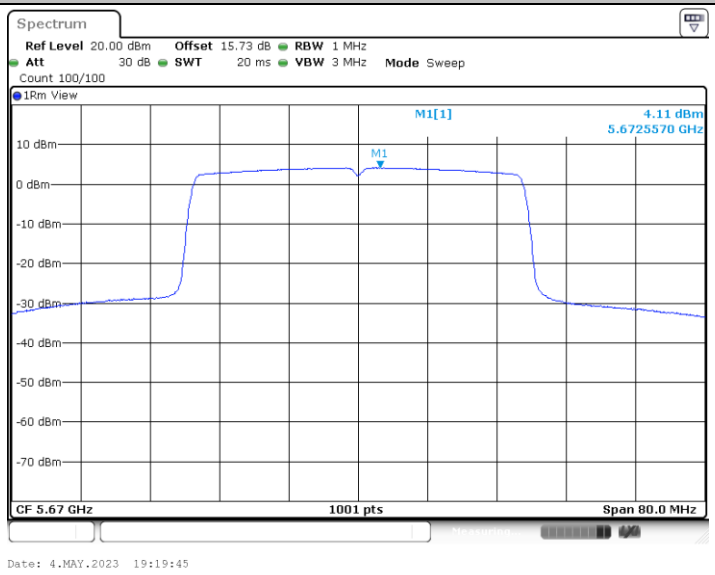

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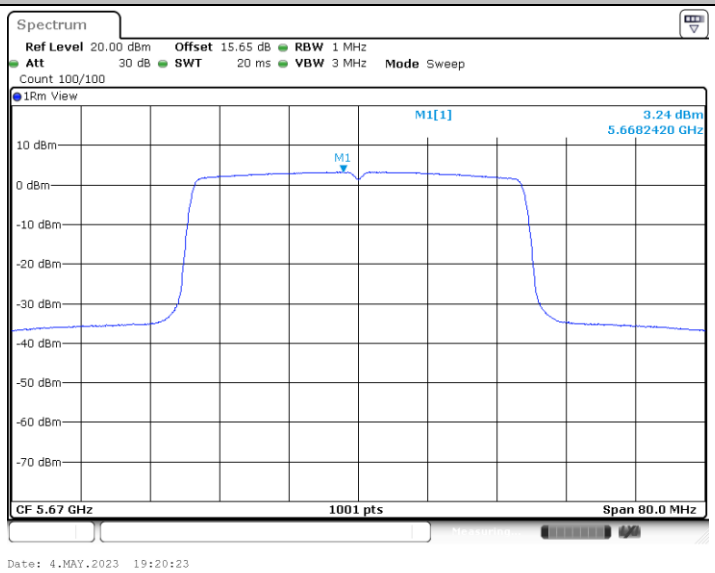
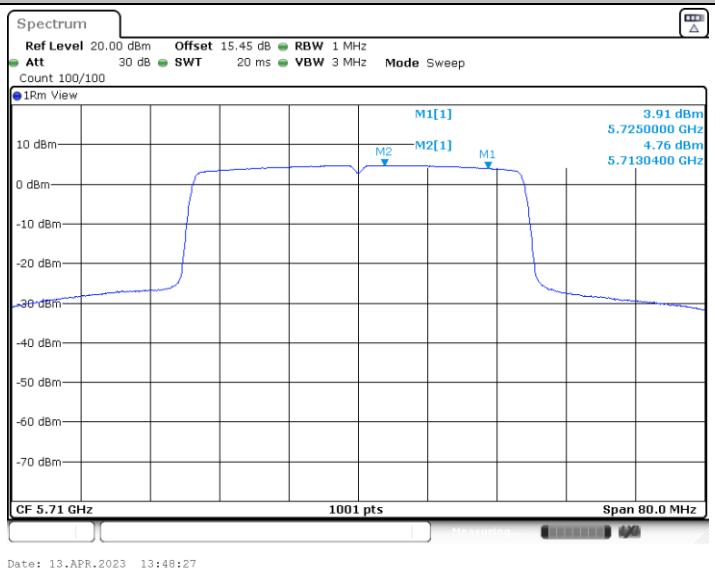
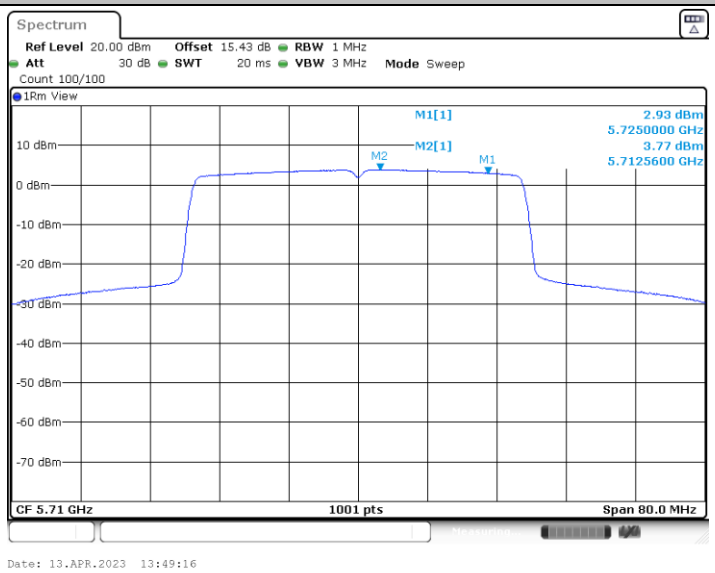


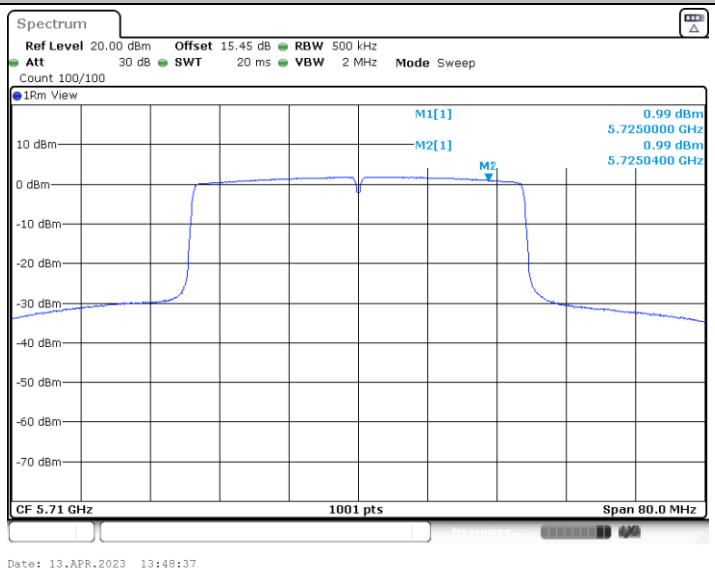
11AX40MIMO_Ant5_5710_UNII-2C



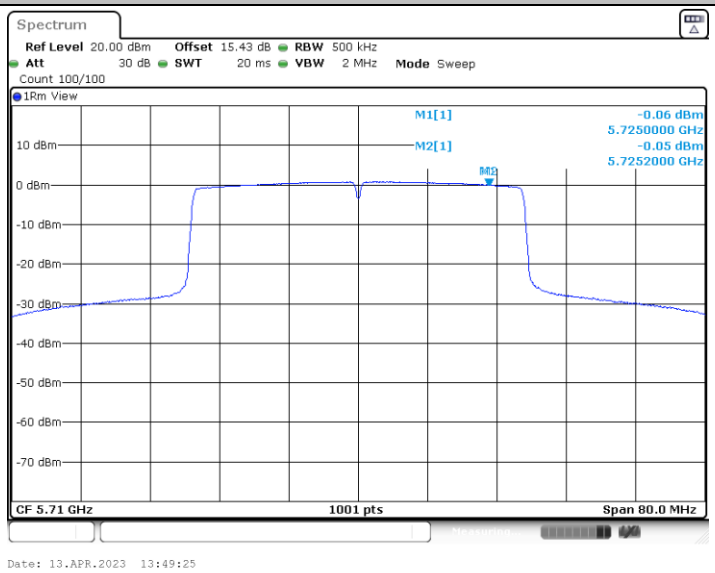
11AX40MIMO_Ant4_5710_UNII-2C



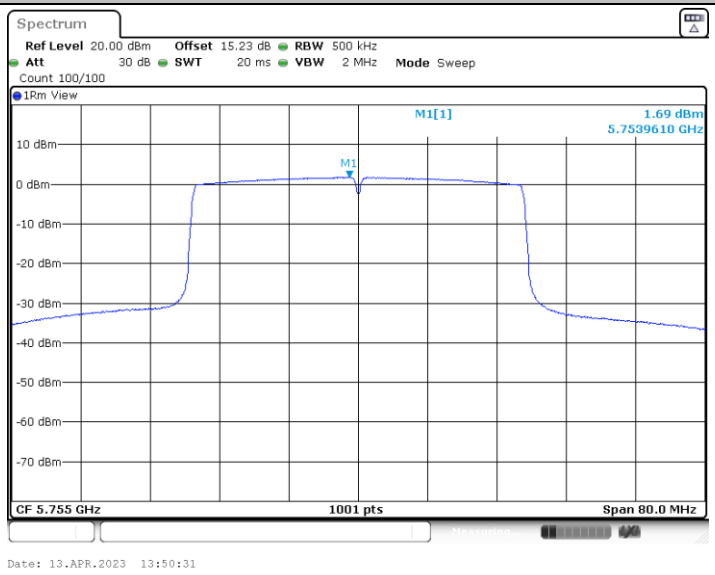
11AX40MIMO_Ant5_5710_UNII-3



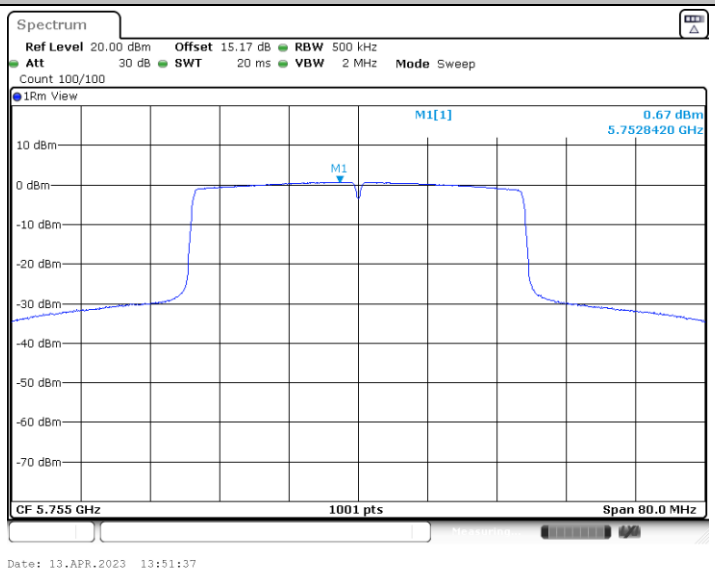
11AX40MIMO_Ant4_5710_UNII-3



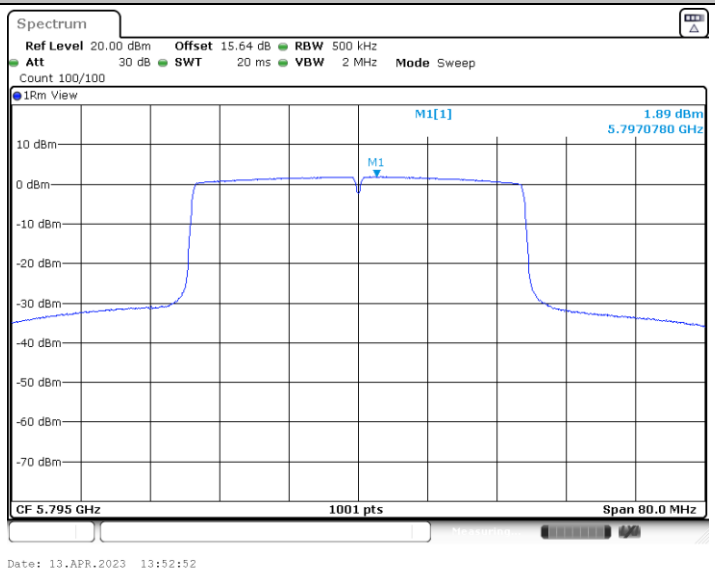
11AX40MIMO_Ant5_5755



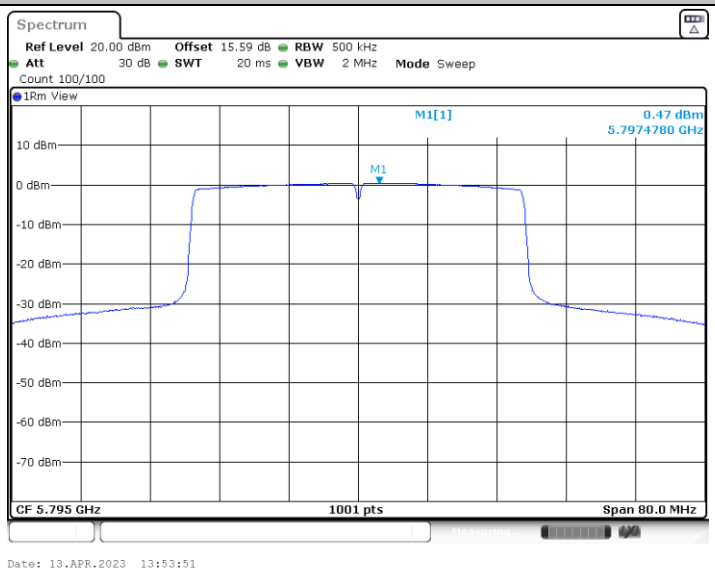
11AX40MIMO_Ant4_5755



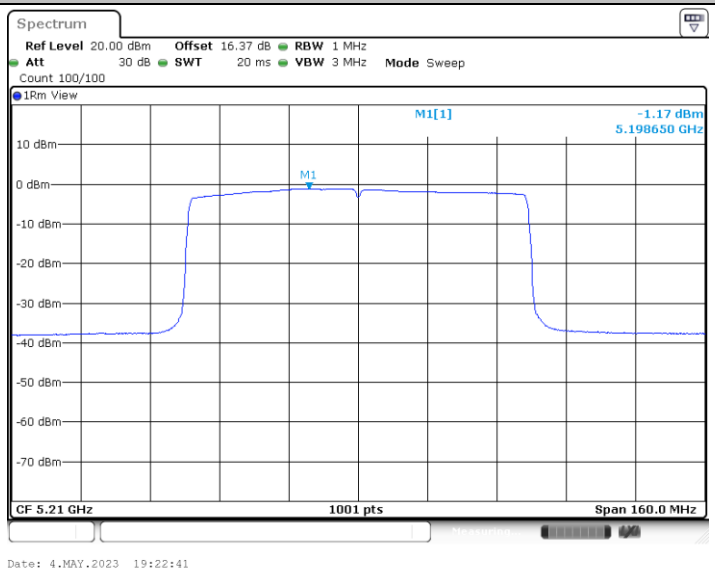
11AX40MIMO_Ant5_5795



11AX40MIMO_Ant4_5795



11AX80MIMO_Ant5_5210



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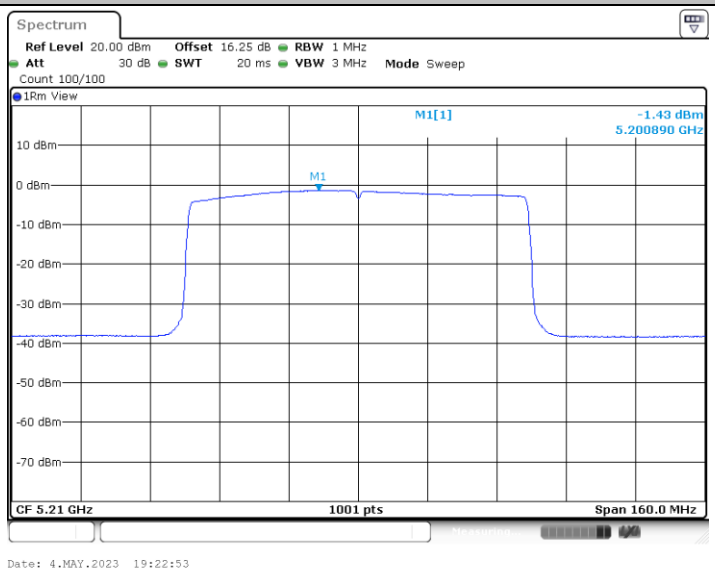
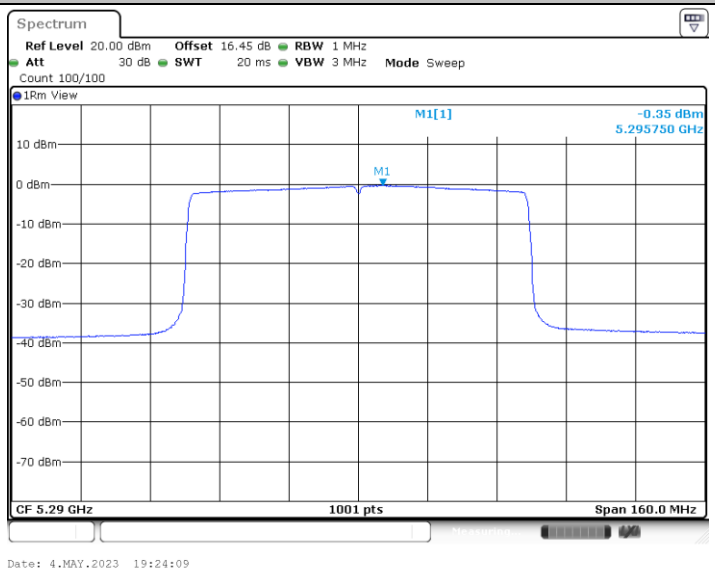
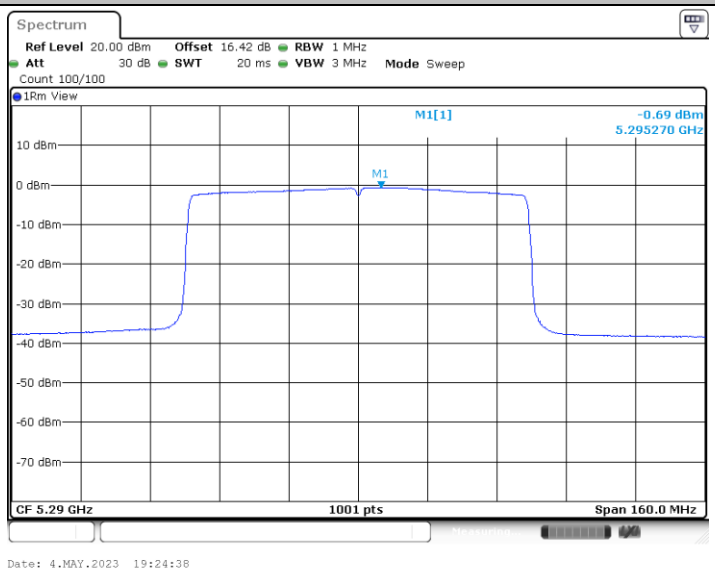


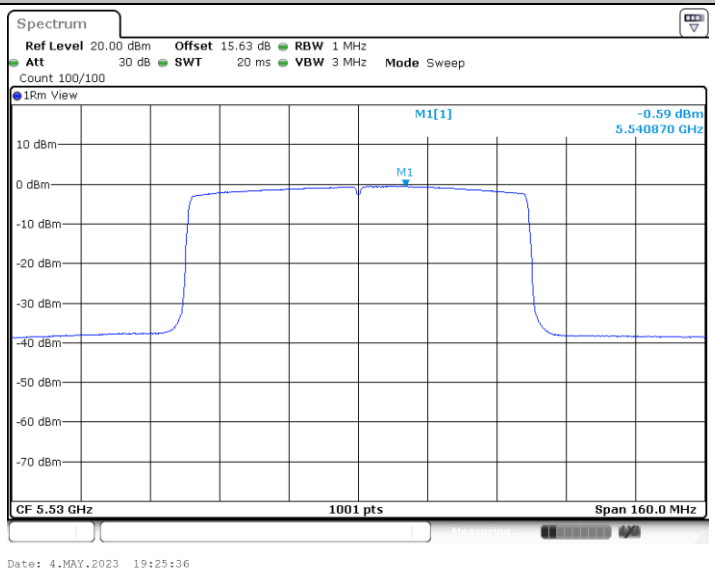
11AX80MIMO_Ant5_5290



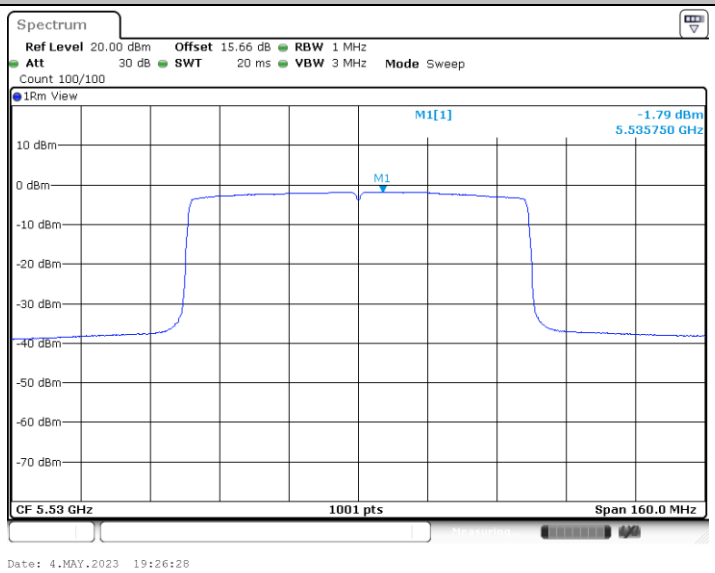
11AX80MIMO_Ant4_5290



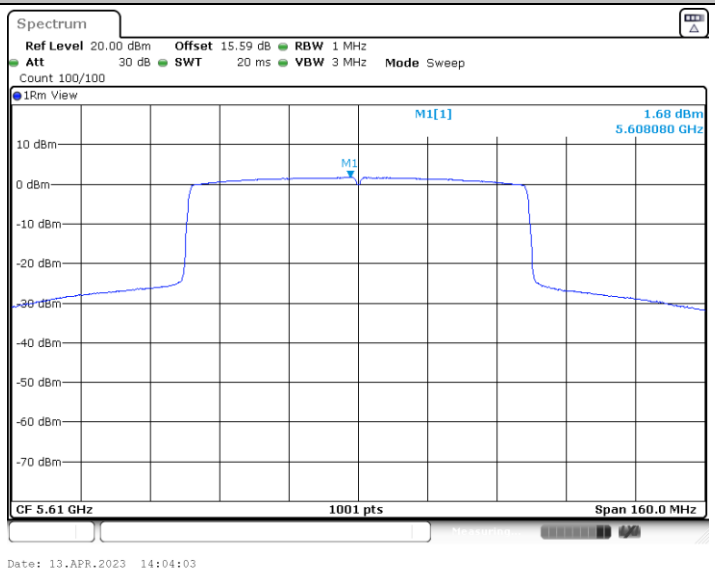
11AX80MIMO_Ant5_5530



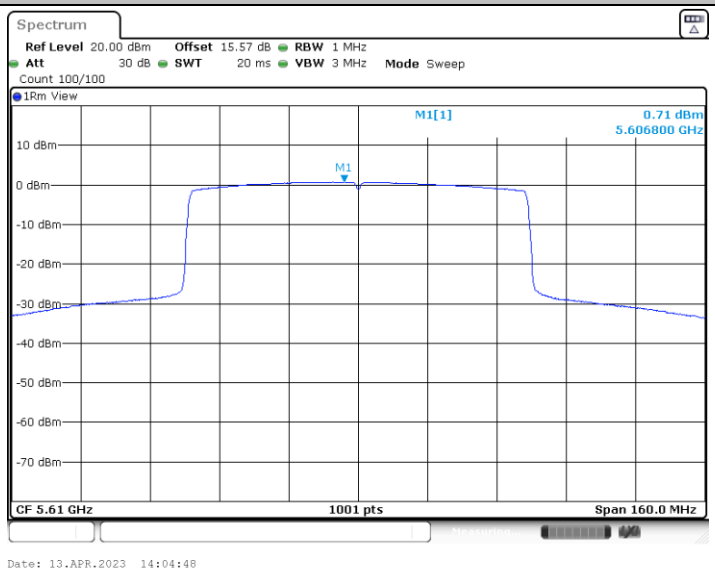
11AX80MIMO_Ant4_5530



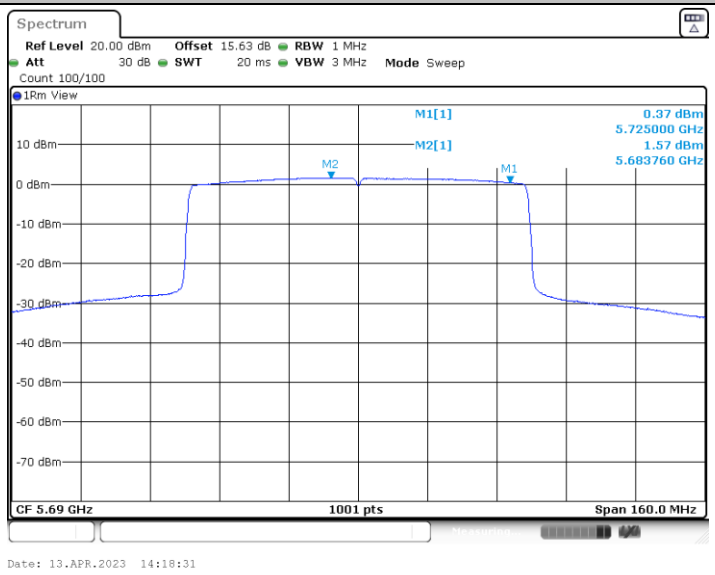
11AX80MIMO_Ant5_5610



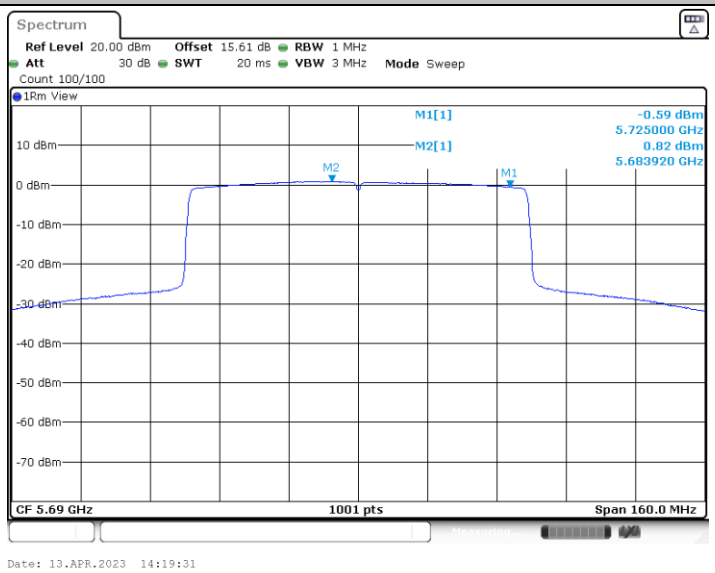
11AX80MIMO_Ant4_5610



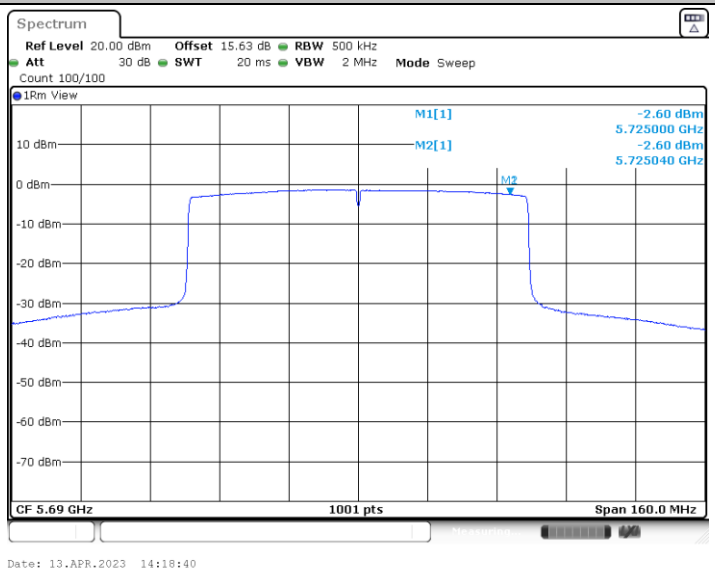
11AX80MIMO_Ant5_5690_UNII-2C



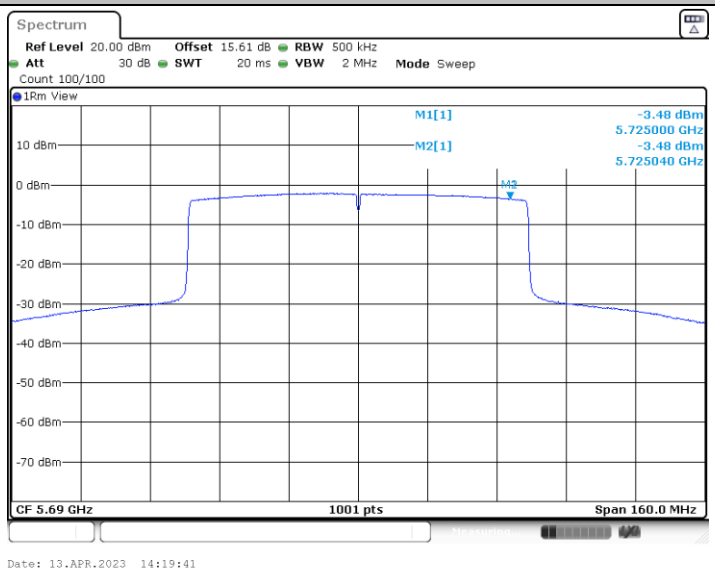
11AX80MIMO_Ant4_5690_UNII-2C



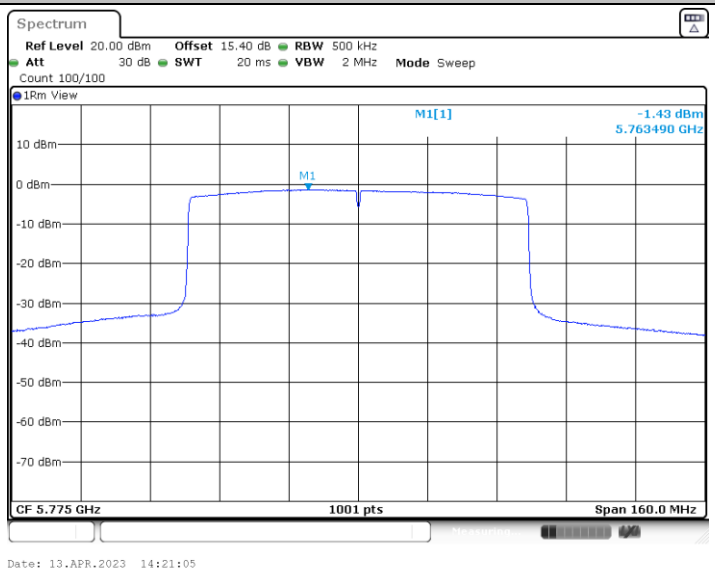
11AX80MIMO_Ant5_5690_UNII-3



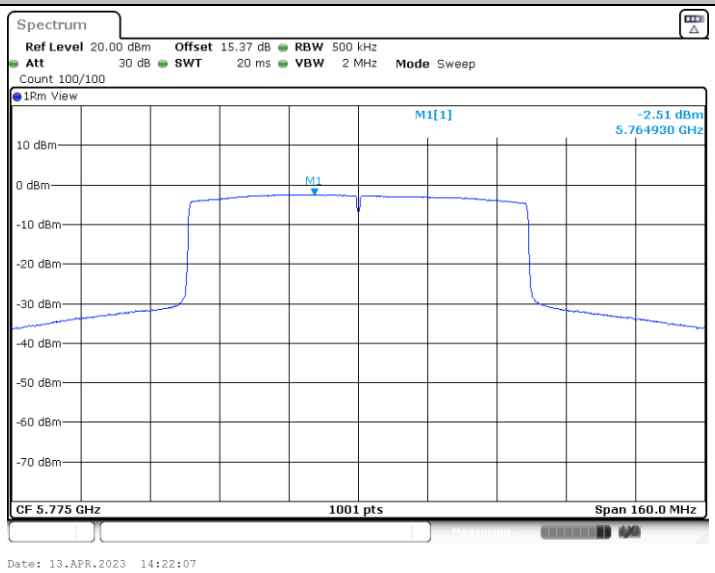
11AX80MIMO_Ant4_5690_UNII-3



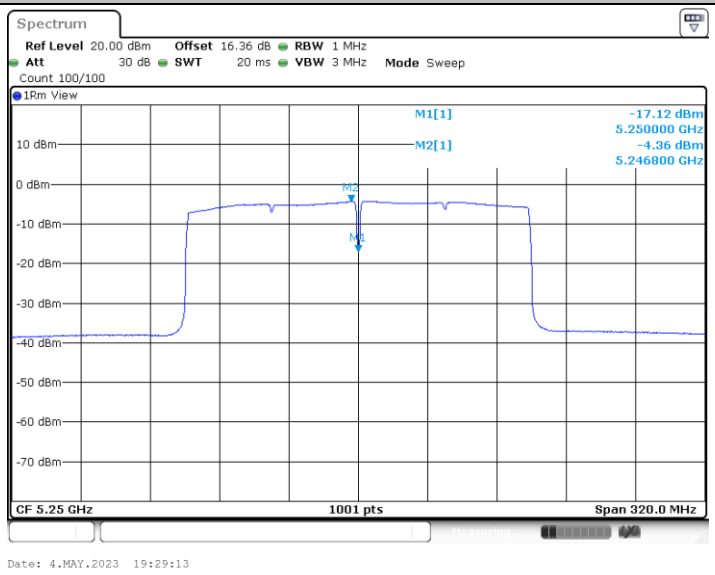
11AX80MIMO_Ant5_5775



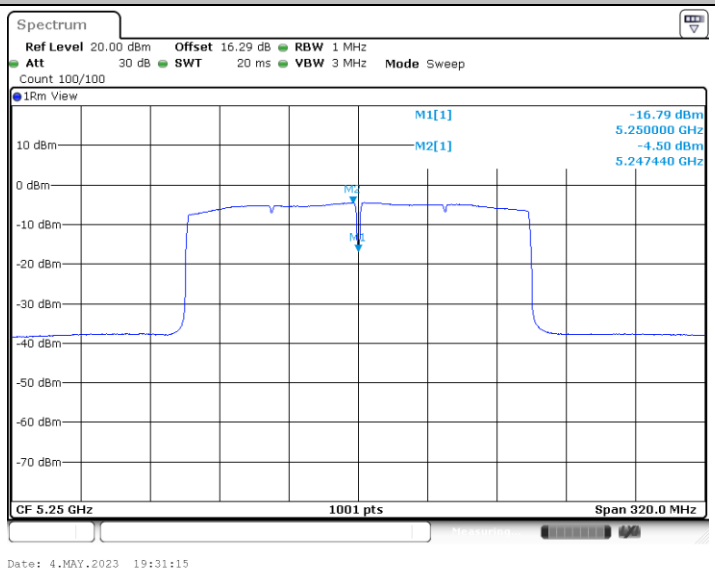
11AX80MIMO_Ant4_5775



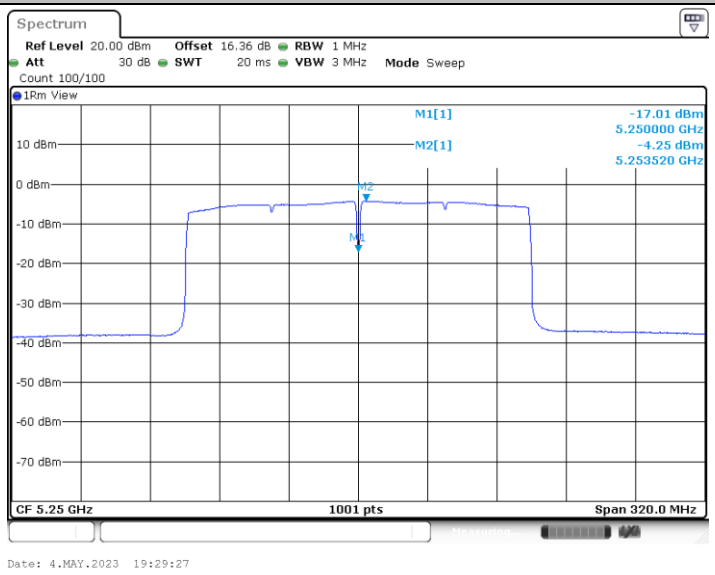
11AX160MIMO_Ant5_5250_UNII-1



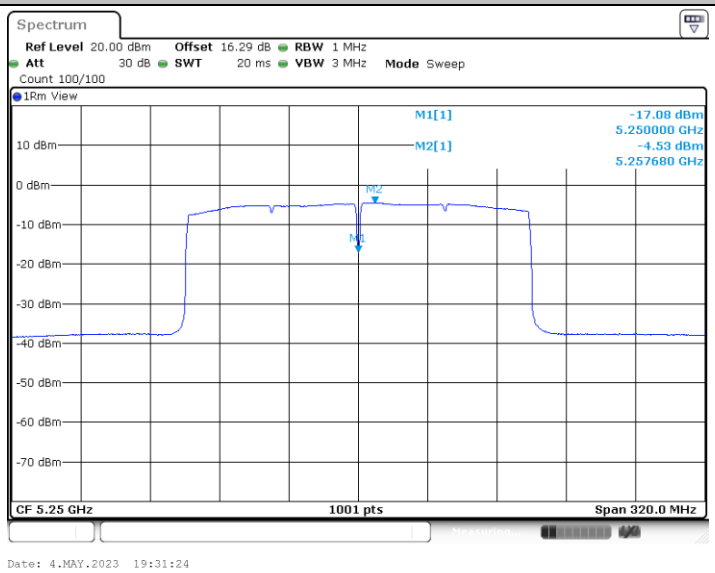
11AX160MIMO_Ant4_5250_UNII-1



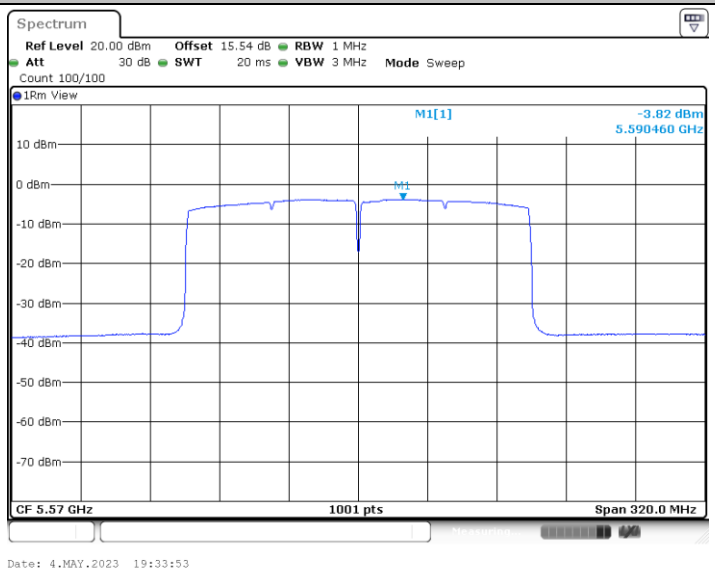
11AX160MIMO_Ant5_5250_UNII-2A



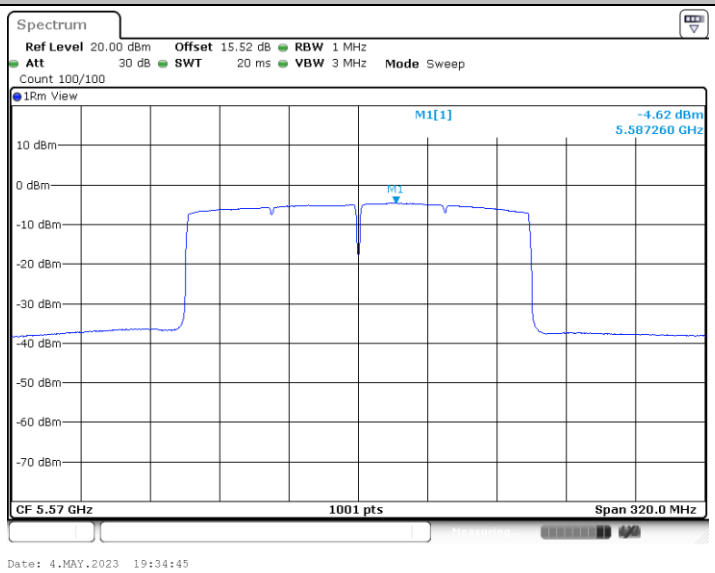
11AX160MIMO_Ant4_5250_UNII-2A



11AX160MIMO_Ant5_5570



11AX160MIMO_Ant4_5570



Maximum power spectral density for 802.11ax Partial RU

Test Result

Test Mode	Antenna	Freq(MHz)	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20MIMO	Ant5	5180	26Tone	RU0	6.62	≤11.00	PASS
			52Tone	RU37	6.85	≤11.00	PASS
			106Tone	RU53	6.89	≤11.00	PASS
	Ant4	5180	26Tone	RU0	6.24	≤11.00	PASS
			52Tone	RU37	6.44	≤11.00	PASS
			106Tone	RU53	6.18	≤11.00	PASS
	total	5180	26Tone	RU0	9.44	≤11.00	PASS
			52Tone	RU37	9.66	≤11.00	PASS
			106Tone	RU53	9.56	≤11.00	PASS
	Ant5	5220	26Tone	RU0	6.47	≤11.00	PASS
			52Tone	RU37	6.17	≤11.00	PASS
			106Tone	RU53	6.53	≤11.00	PASS
	Ant4	5220	26Tone	RU0	6.05	≤11.00	PASS
			52Tone	RU37	6.06	≤11.00	PASS
			106Tone	RU53	6.09	≤11.00	PASS
	total	5220	26Tone	RU0	9.28	≤11.00	PASS
			52Tone	RU37	9.13	≤11.00	PASS
			106Tone	RU53	9.33	≤11.00	PASS
	Ant5	5240	26Tone	RU8	6.5	≤11.00	PASS
			52Tone	RU40	6.27	≤11.00	PASS
			106Tone	RU54	6.65	≤11.00	PASS
	Ant4	5240	26Tone	RU8	5.93	≤11.00	PASS
			52Tone	RU40	6.05	≤11.00	PASS
			106Tone	RU54	6.07	≤11.00	PASS
	total	5240	26Tone	RU8	9.23	≤11.00	PASS
			52Tone	RU40	9.17	≤11.00	PASS
			106Tone	RU54	9.38	≤11.00	PASS
	Ant5	5260	26Tone	RU0	6.91	≤11.00	PASS
			52Tone	RU37	6.7	≤11.00	PASS
			106Tone	RU53	6.94	≤11.00	PASS
	Ant4	5260	26Tone	RU0	6.25	≤11.00	PASS
			52Tone	RU37	6.3	≤11.00	PASS
			106Tone	RU53	6.27	≤11.00	PASS
	total	5260	26Tone	RU0	9.60	≤11.00	PASS
			52Tone	RU37	9.51	≤11.00	PASS
			106Tone	RU53	9.63	≤11.00	PASS
	Ant5	5300	26Tone	RU0	6.89	≤11.00	PASS
			52Tone	RU37	6.69	≤11.00	PASS
			106Tone	RU53	6.92	≤11.00	PASS
	Ant4	5300	26Tone	RU0	6.22	≤11.00	PASS
			52Tone	RU37	6.25	≤11.00	PASS
			106Tone	RU53	6.36	≤11.00	PASS

	total	5300	26Tone	RU0	9.58	≤11.00	PASS
			52Tone	RU37	9.49	≤11.00	PASS
			106Tone	RU53	9.66	≤11.00	PASS
	Ant5	5320	26Tone	RU8	6.52	≤11.00	PASS
			52Tone	RU40	6.15	≤11.00	PASS
			106Tone	RU54	6.6	≤11.00	PASS
	Ant4	5320	26Tone	RU8	5.6	≤11.00	PASS
			52Tone	RU40	5.68	≤11.00	PASS
			106Tone	RU54	5.81	≤11.00	PASS
	total	5320	26Tone	RU8	9.09	≤11.00	PASS
			52Tone	RU40	8.93	≤11.00	PASS
			106Tone	RU54	9.23	≤11.00	PASS
	Ant5	5500	26Tone	RU0	6.71	≤11.00	PASS
			52Tone	RU37	6.72	≤11.00	PASS
			106Tone	RU53	6.79	≤11.00	PASS
	Ant4	5500	26Tone	RU0	6.01	≤11.00	PASS
			52Tone	RU37	6.1	≤11.00	PASS
			106Tone	RU53	6.05	≤11.00	PASS
	total	5500	26Tone	RU0	9.38	≤11.00	PASS
			52Tone	RU37	9.43	≤11.00	PASS
			106Tone	RU53	9.45	≤11.00	PASS
	Ant5	5580	26Tone	RU0	6.52	≤11.00	PASS
			52Tone	RU37	6.62	≤11.00	PASS
			106Tone	RU53	6.98	≤11.00	PASS
	Ant4	5580	26Tone	RU0	5.63	≤11.00	PASS
			52Tone	RU37	5.79	≤11.00	PASS
			106Tone	RU53	5.86	≤11.00	PASS
	total	5580	26Tone	RU0	9.11	≤11.00	PASS
			52Tone	RU37	9.24	≤11.00	PASS
			106Tone	RU53	9.47	≤11.00	PASS
	Ant5	5700	26Tone	RU8	5.54	≤11.00	PASS
			52Tone	RU40	5.61	≤11.00	PASS
			106Tone	RU54	5.96	≤11.00	PASS
	Ant4	5700	26Tone	RU8	5.32	≤11.00	PASS
			52Tone	RU40	5.24	≤11.00	PASS
			106Tone	RU54	5.32	≤11.00	PASS
	total	5700	26Tone	RU8	8.44	≤11.00	PASS
			52Tone	RU40	8.44	≤11.00	PASS
			106Tone	RU54	8.66	≤11.00	PASS
	Ant5	5720	26Tone	RU8	6.67	≤11.00	PASS
			52Tone	RU40	6.72	≤11.00	PASS
			106Tone	RU54	6.47	≤11.00	PASS
	Ant4	5720	26Tone	RU8	6.22	≤11.00	PASS
			52Tone	RU40	6.12	≤11.00	PASS
			106Tone	RU54	5.9	≤11.00	PASS
	total	5720	26Tone	RU8	9.46	≤11.00	PASS
			52Tone	RU40	9.44	≤11.00	PASS
			106Tone	RU54	9.20	≤11.00	PASS

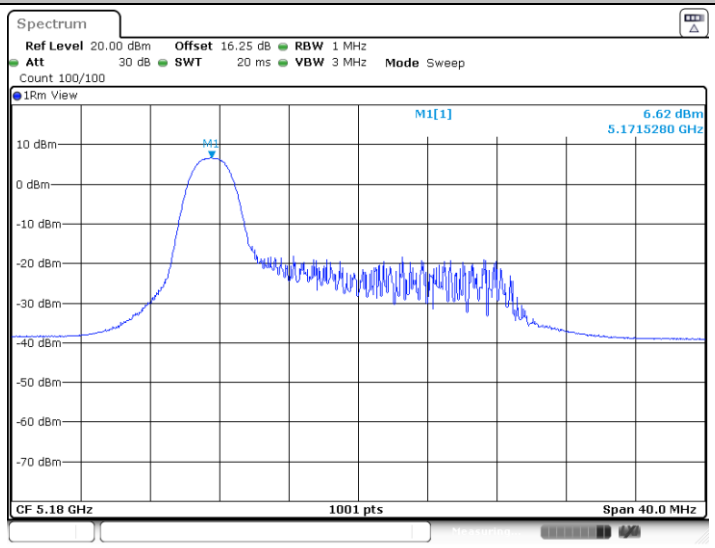
	Ant5	5745	26Tone	RU0	3.73	≤30.00	PASS
			52Tone	RU37	3.65	≤30.00	PASS
			106Tone	RU53	3.91	≤30.00	PASS
	Ant4	5745	26Tone	RU0	3.41	≤30.00	PASS
			52Tone	RU37	3.43	≤30.00	PASS
			106Tone	RU53	3.39	≤30.00	PASS
	total	5745	26Tone	RU0	6.58	≤30.00	PASS
			52Tone	RU37	6.55	≤30.00	PASS
			106Tone	RU53	6.67	≤30.00	PASS
	Ant5	5785	26Tone	RU0	3.98	≤30.00	PASS
			52Tone	RU37	3.75	≤30.00	PASS
			106Tone	RU53	4.14	≤30.00	PASS
	Ant4	5785	26Tone	RU0	3.02	≤30.00	PASS
			52Tone	RU37	3.07	≤30.00	PASS
			106Tone	RU53	3.14	≤30.00	PASS
	total	5785	26Tone	RU0	6.54	≤30.00	PASS
			52Tone	RU37	6.43	≤30.00	PASS
			106Tone	RU53	6.68	≤30.00	PASS
	Ant5	5825	26Tone	RU8	3.8	≤30.00	PASS
			52Tone	RU40	3.58	≤30.00	PASS
			106Tone	RU54	3.96	≤30.00	PASS
	Ant4	5825	26Tone	RU8	2.81	≤30.00	PASS
			52Tone	RU40	2.77	≤30.00	PASS
			106Tone	RU54	2.89	≤30.00	PASS
	total	5825	26Tone	RU8	6.34	≤30.00	PASS
			52Tone	RU40	6.20	≤30.00	PASS
			106Tone	RU54	6.47	≤30.00	PASS

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

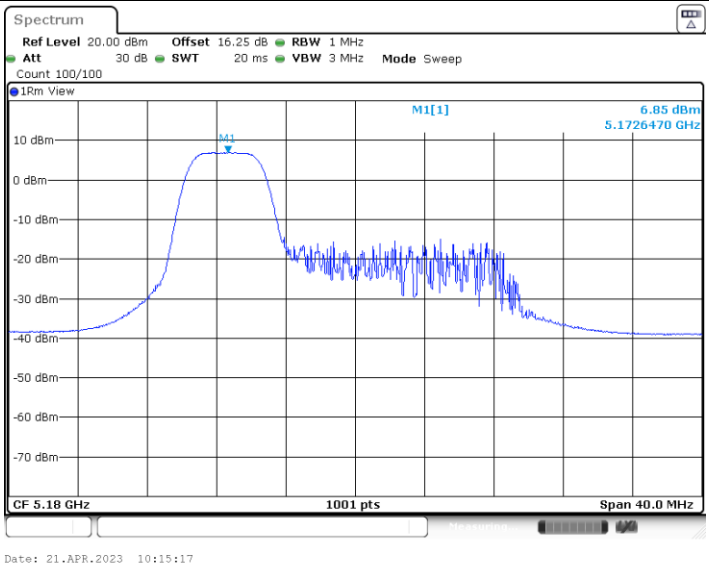
2.The Duty Cycle Factor and is compensated in the graph.

Test Graphs

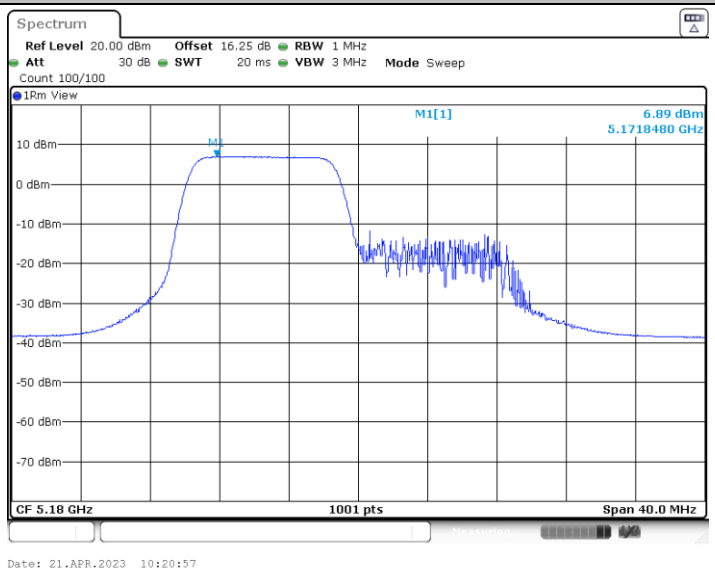
11AX20MIMO_Ant5_5180_26Tone_RU0



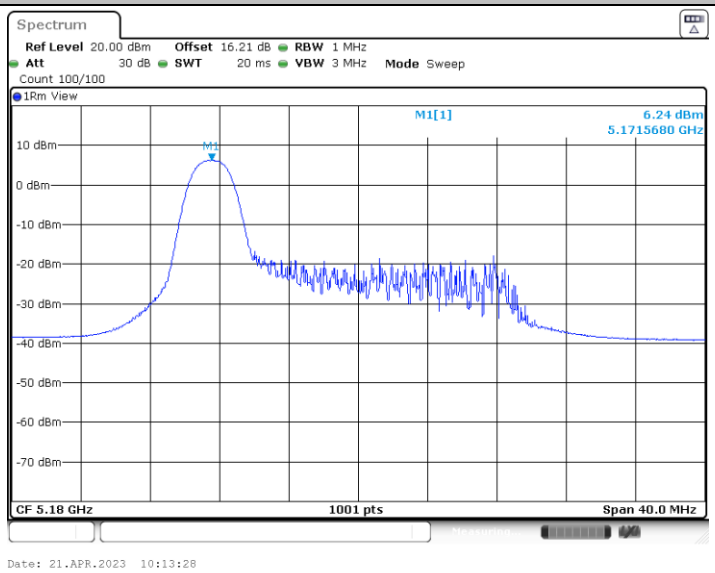
11AX20MIMO_Ant5_5180_52Tone_RU37



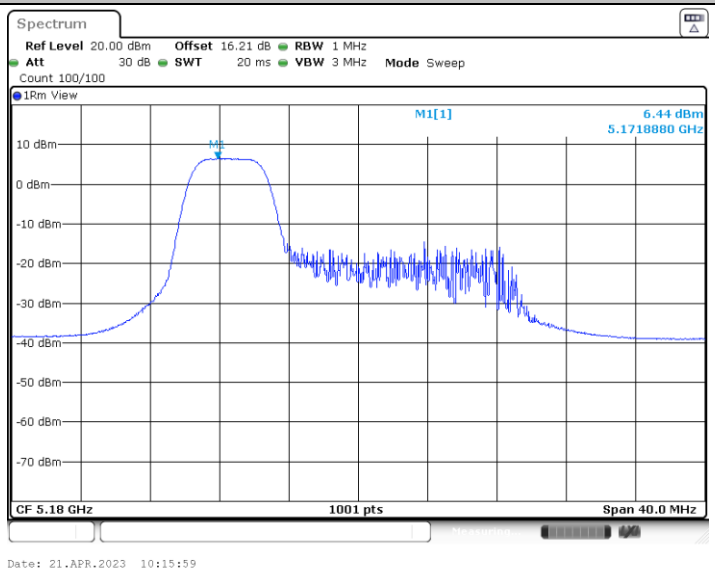
11AX20MIMO_Ant5_5180_106Tone_RU53



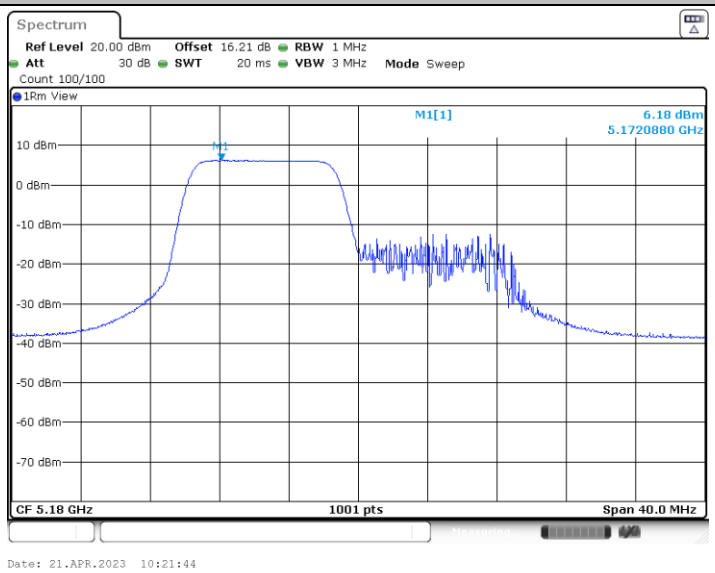
11AX20MIMO_Ant4_5180_26Tone_RU0



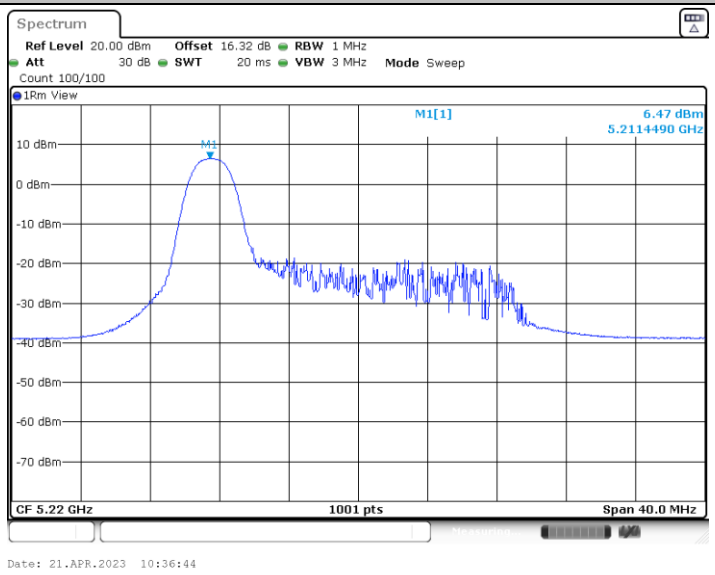
11AX20MIMO_Ant4_5180_52Tone_RU37



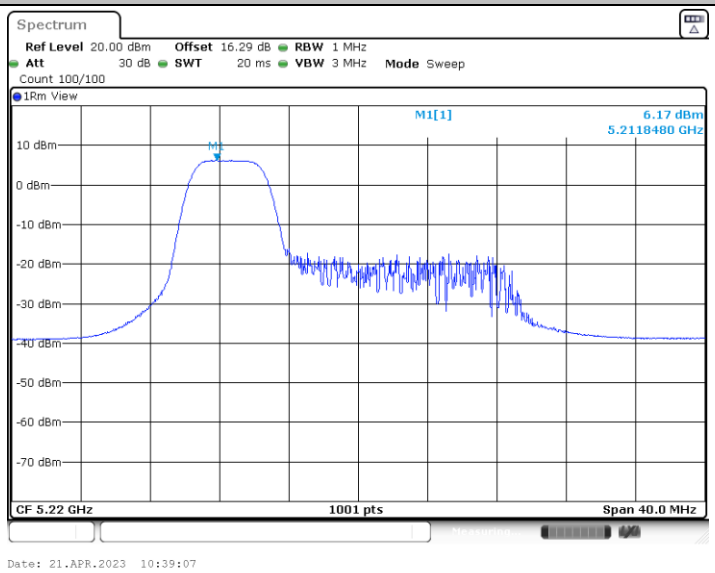
11AX20MIMO_Ant4_5180_106Tone_RU53



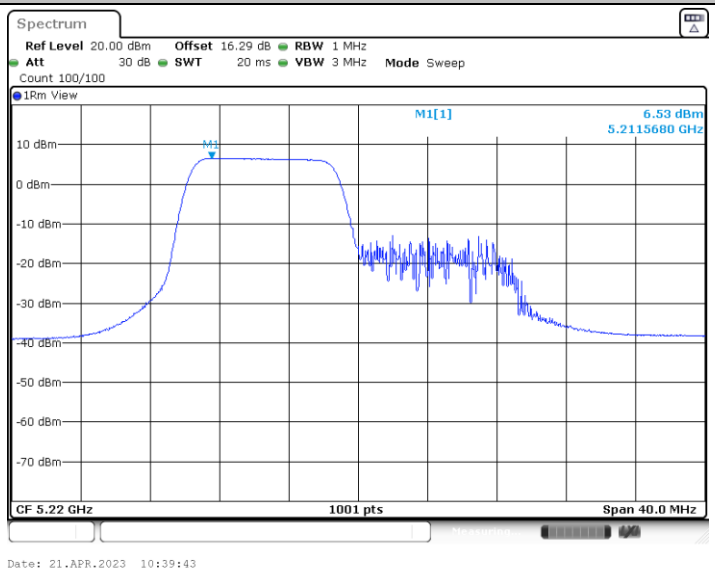
11AX20MIMO_Ant5_5220_26Tone_RU0



11AX20MIMO_Ant5_5220_52Tone_RU37



11AX20MIMO_Ant5_5220_106Tone_RU53



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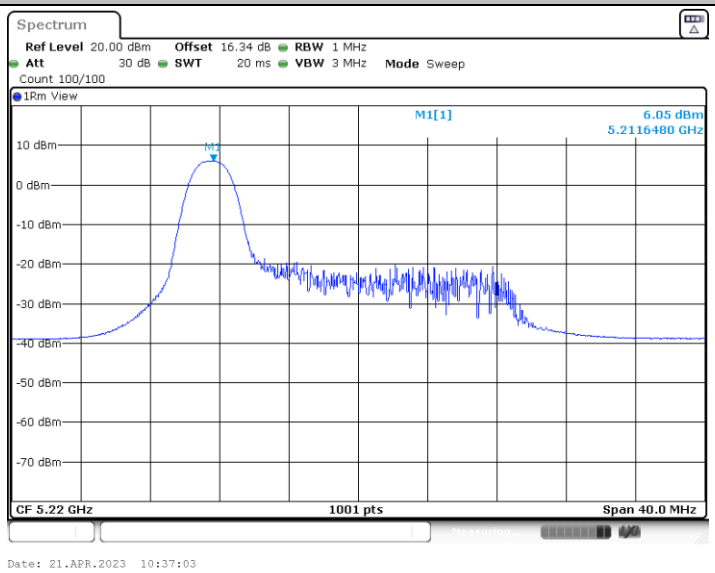

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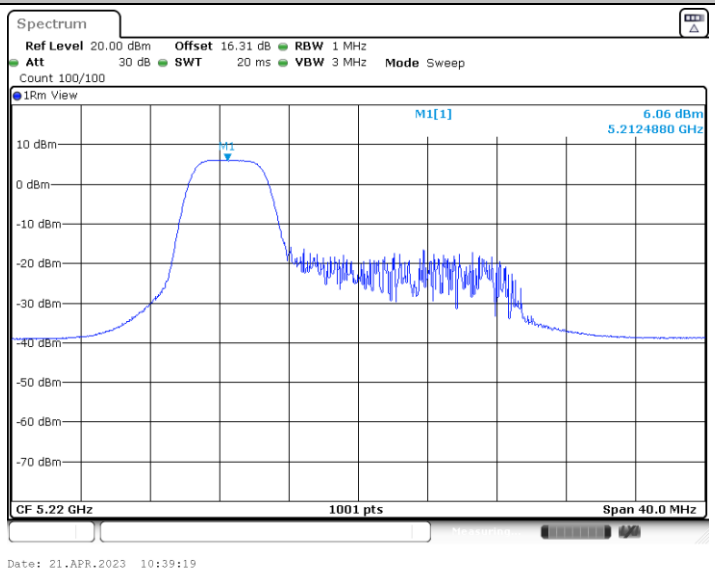

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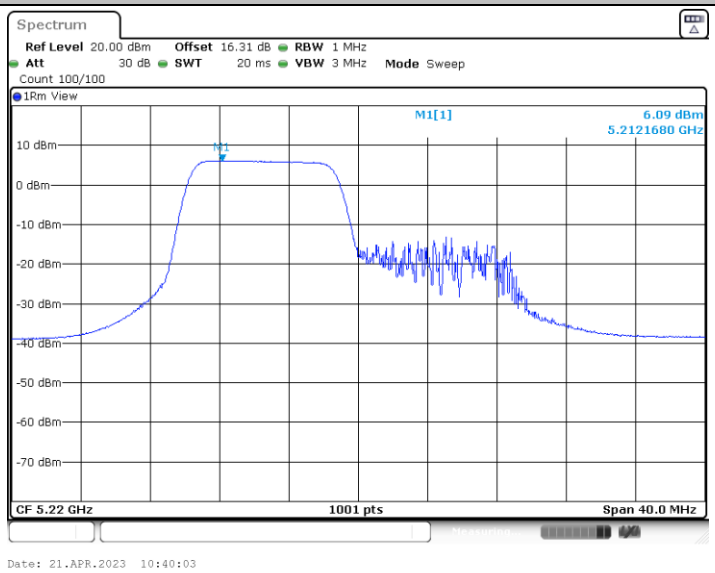

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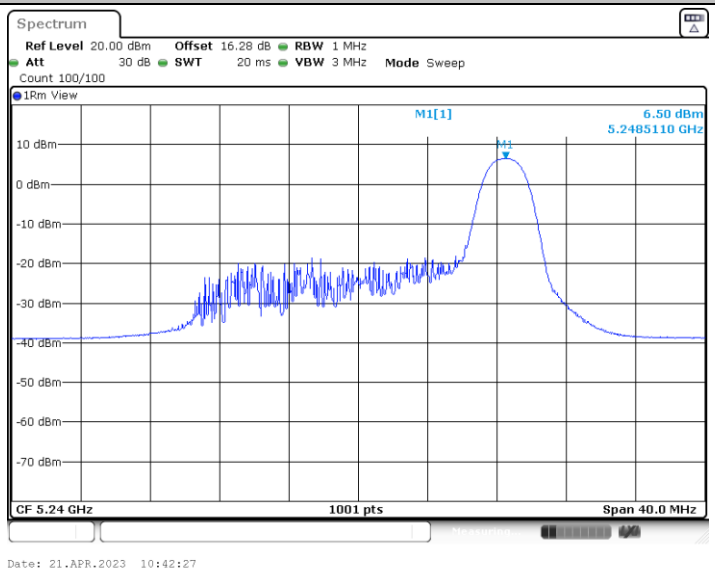

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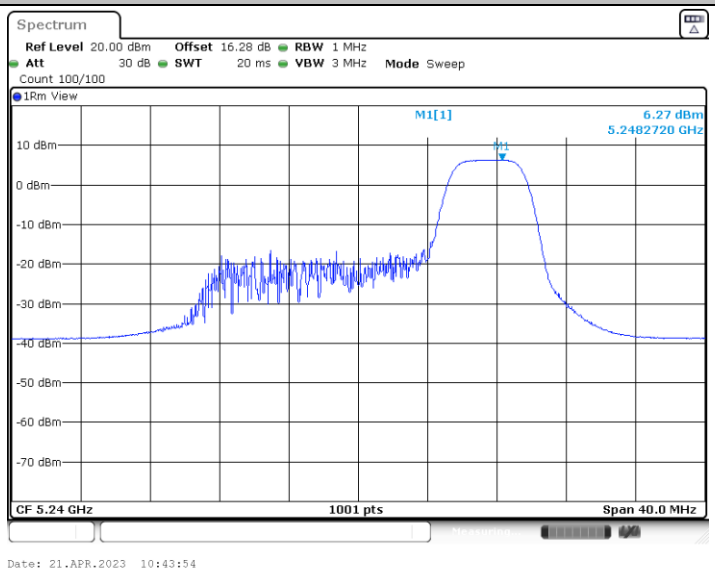

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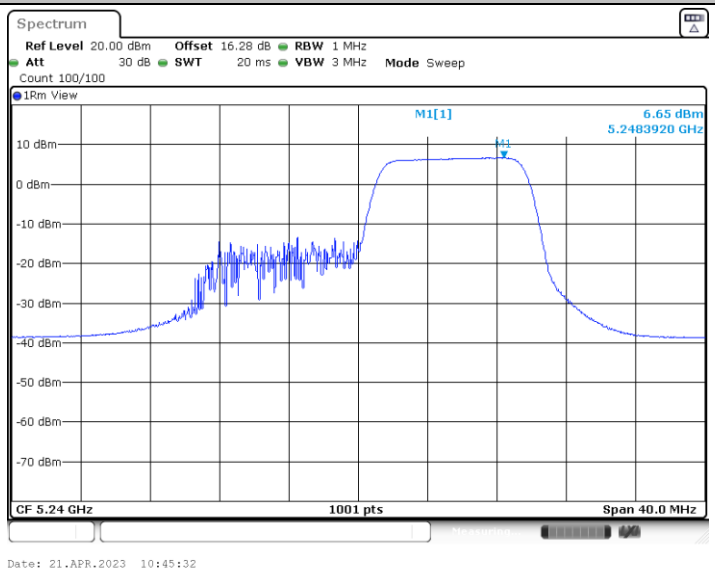
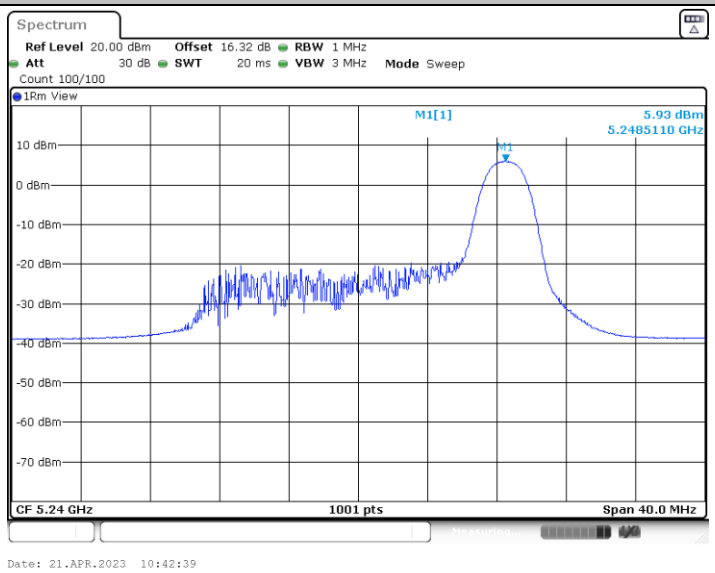


11AX20MIMO_Ant4_5240_26Tone_RU8



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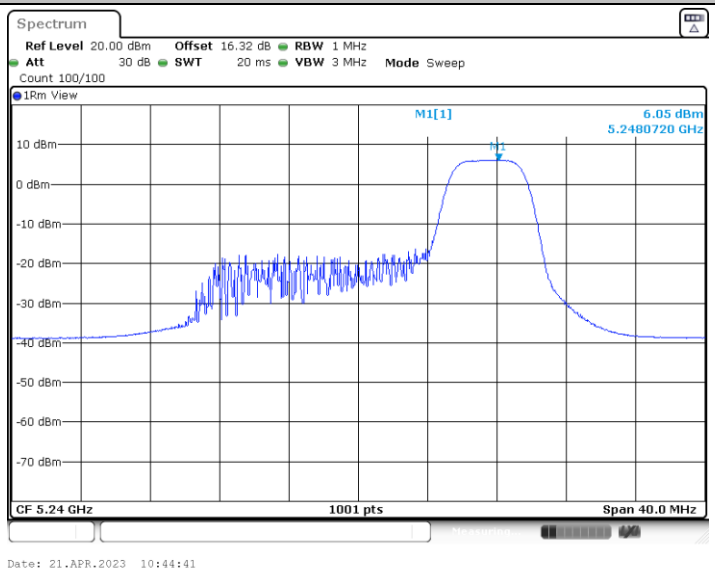

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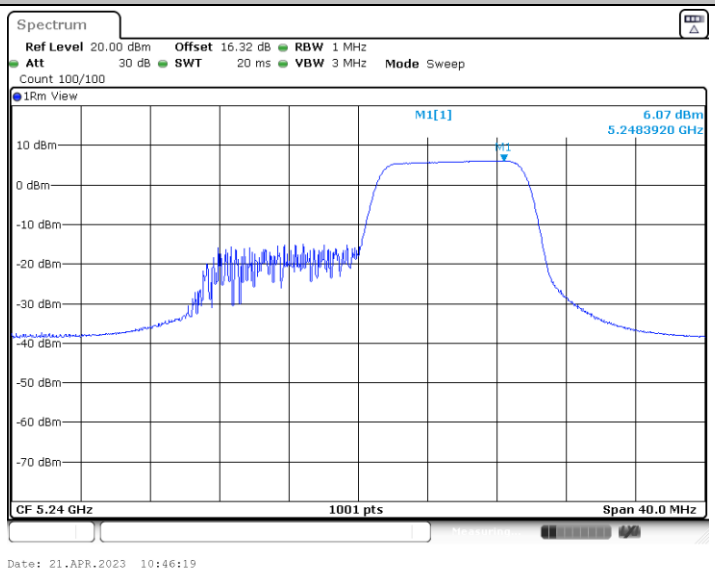
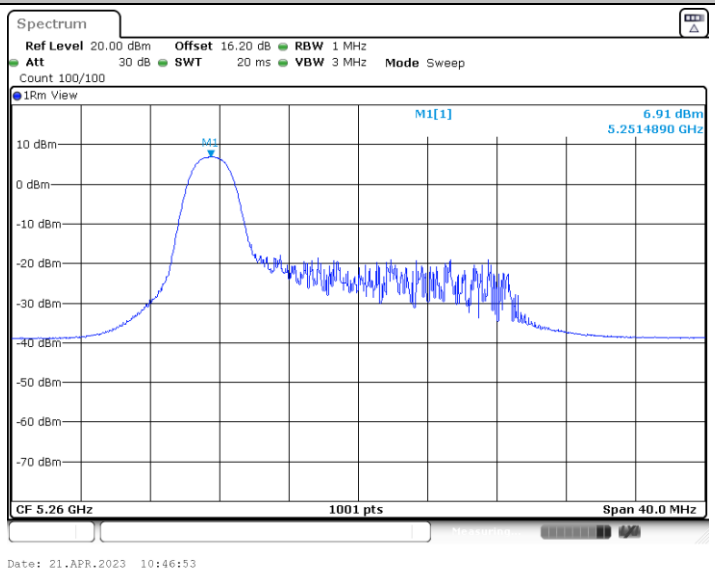
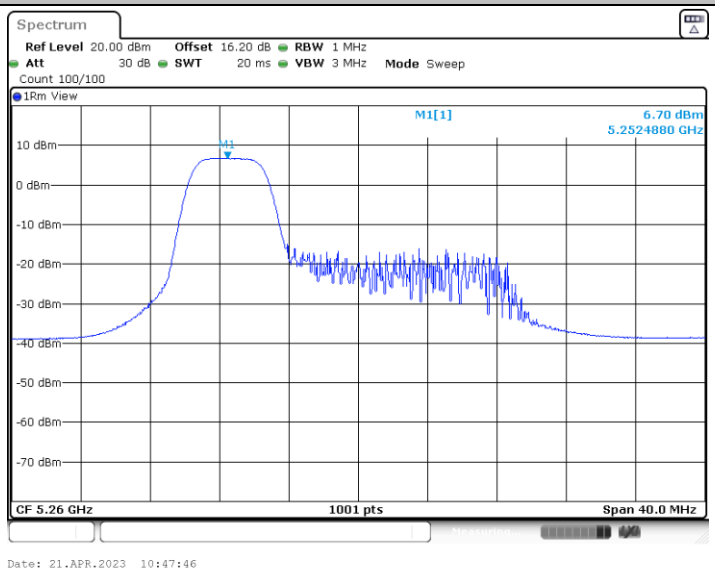


11AX20MIMO_Ant5_5260_26Tone_RU0



11AX20MIMO_Ant5_5260_52Tone_RU37