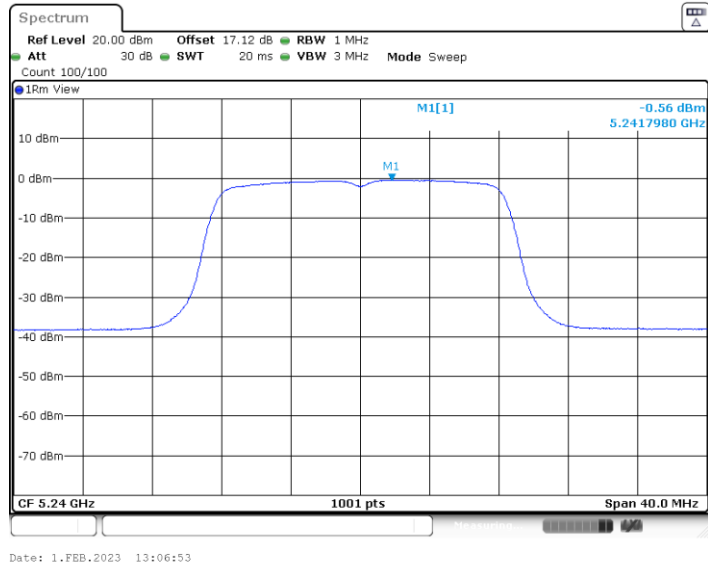
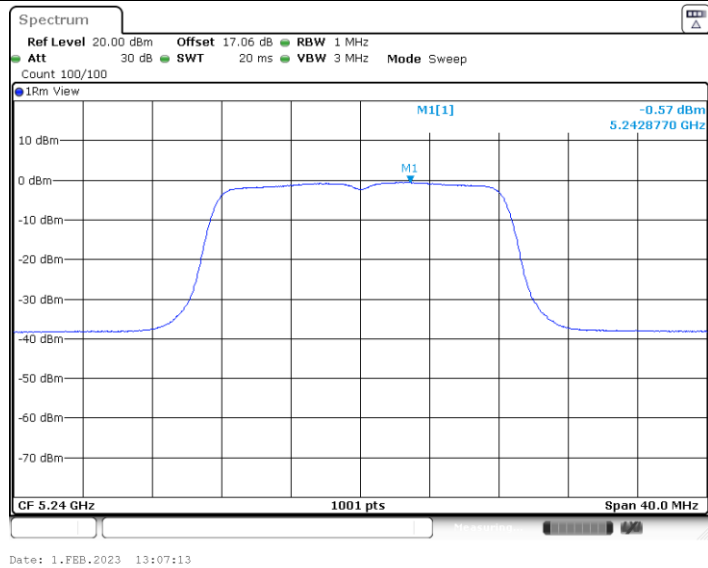




11A-MIMO_Ant0_5240

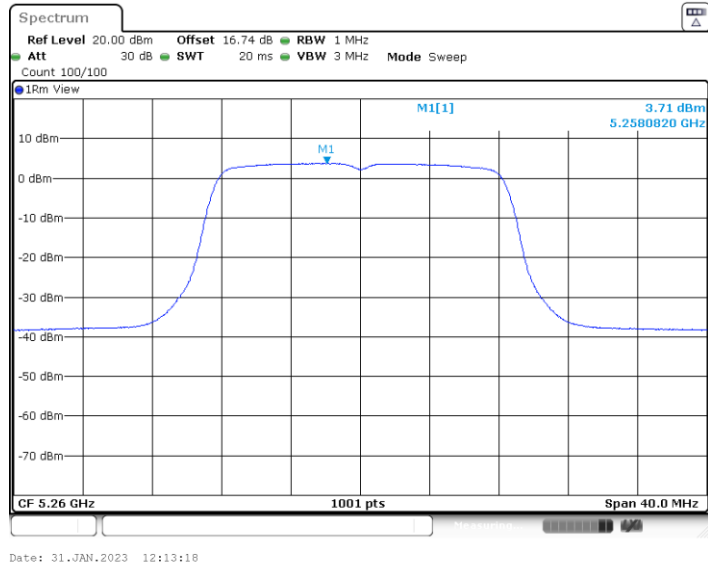


11A-MIMO_Ant1_5240

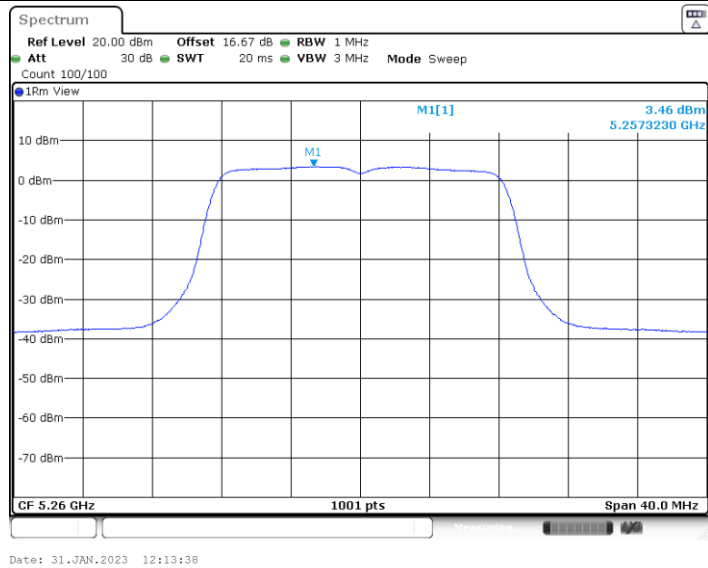




11A-MIMO_Ant0_5260

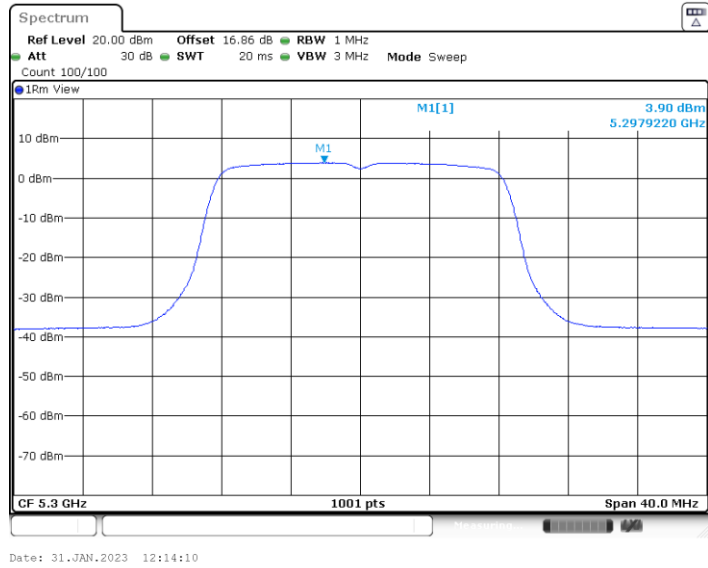


11A-MIMO_Ant1_5260

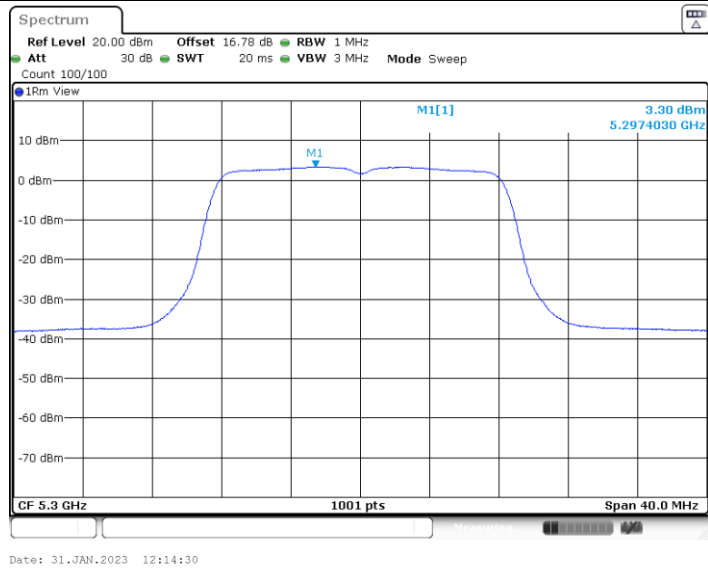




11A-MIMO_Ant0_5300

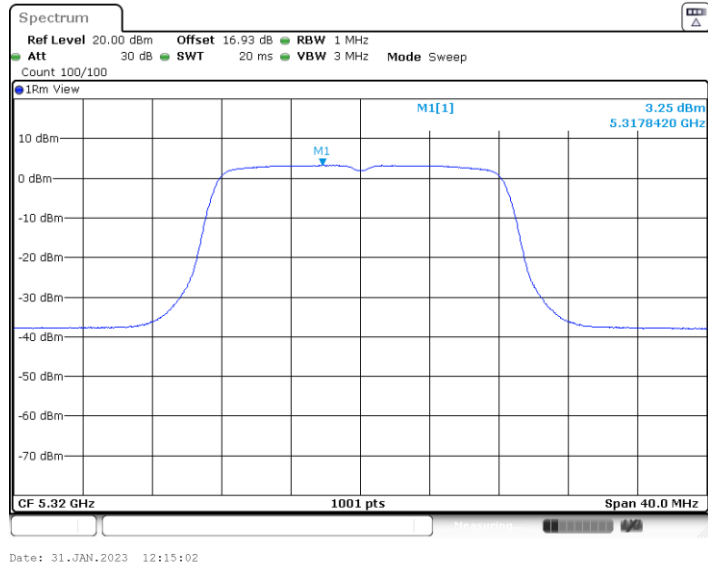


11A-MIMO_Ant1_5300

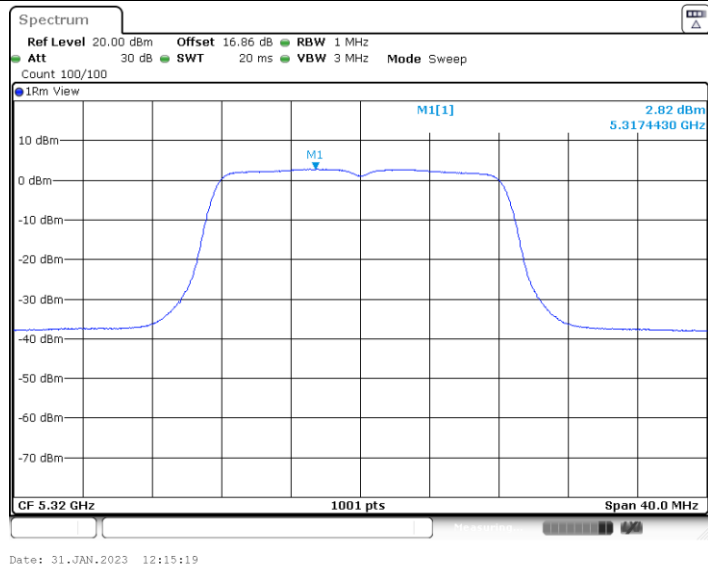




11A-MIMO_Ant0_5320

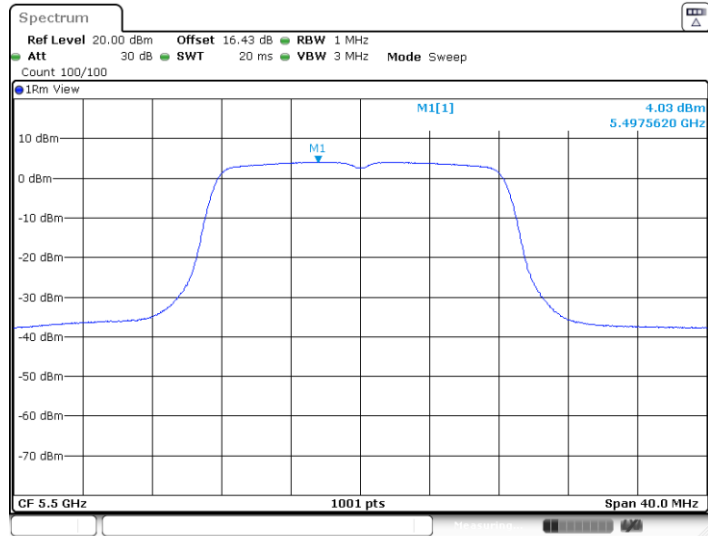


11A-MIMO_Ant1_5320



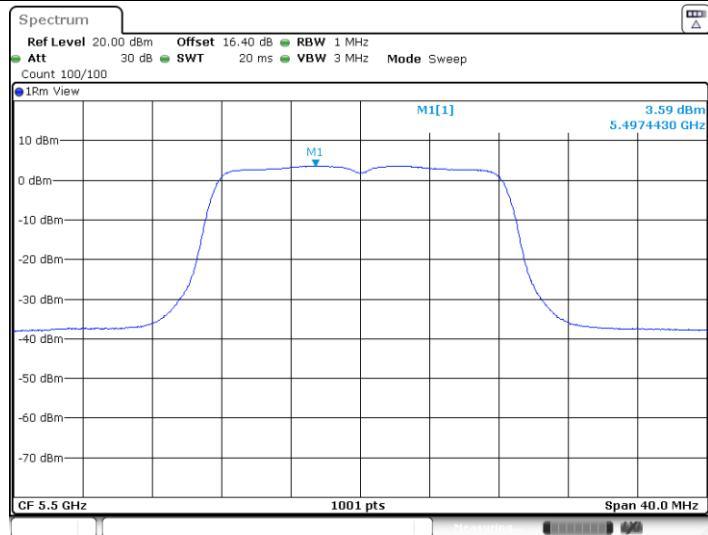


11A-MIMO_Ant0_5500



Date: 31.JAN.2023 12:15:52

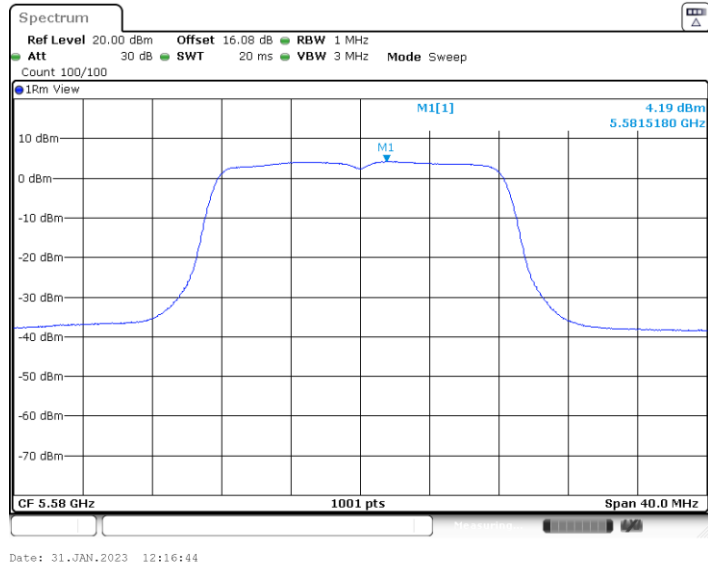
11A-MIMO_Ant1_5500



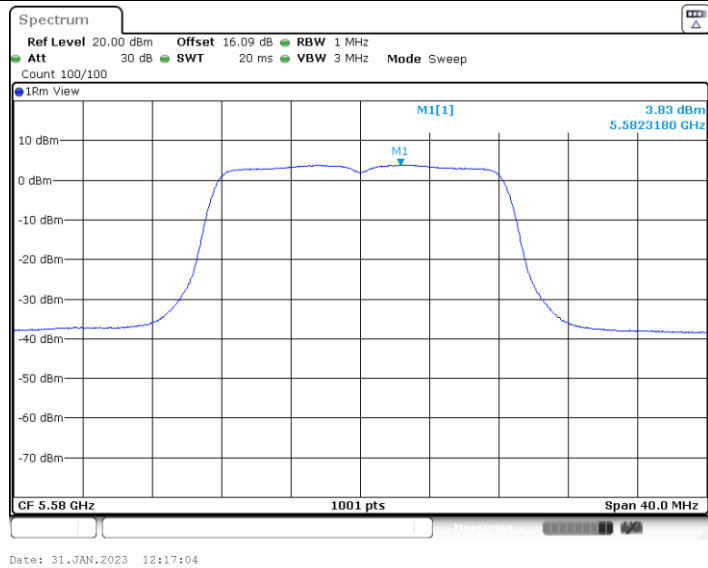
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11A-MIMO_Ant0_5580

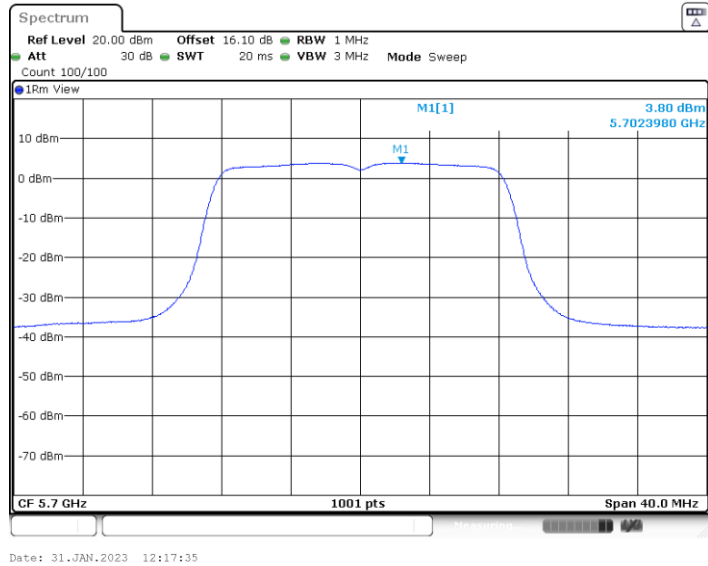


11A-MIMO_Ant1_5580

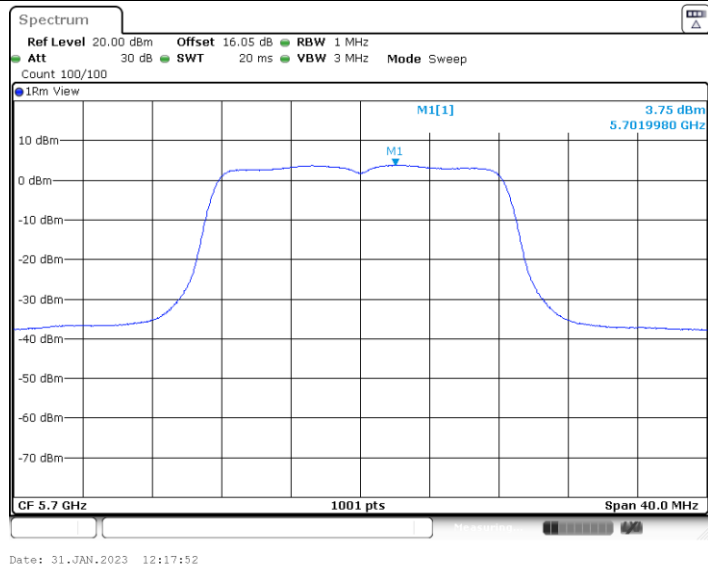




11A-MIMO_Ant0_5700

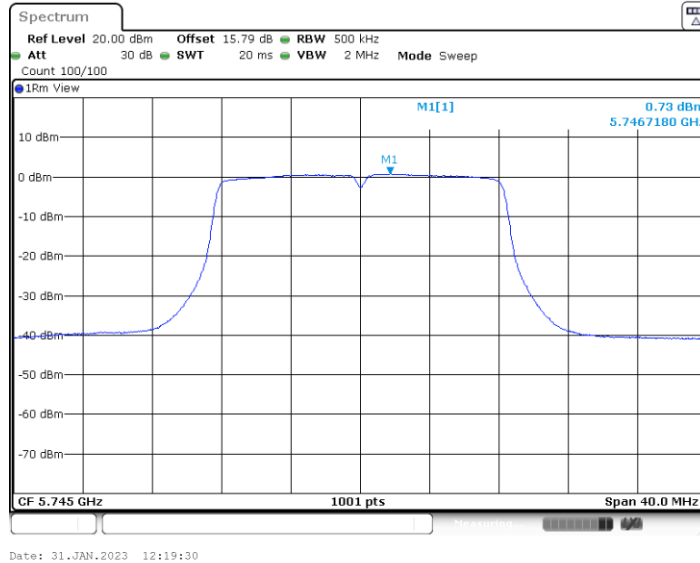


11A-MIMO_Ant1_5700

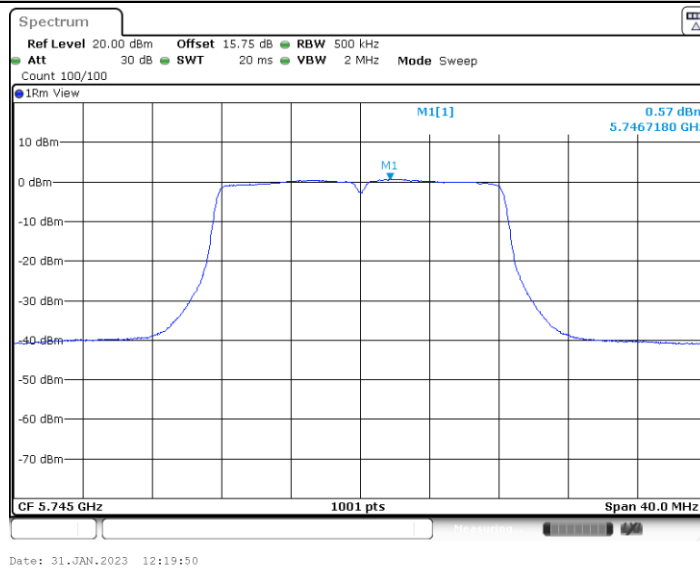




11A-MIMO_Ant0_5745

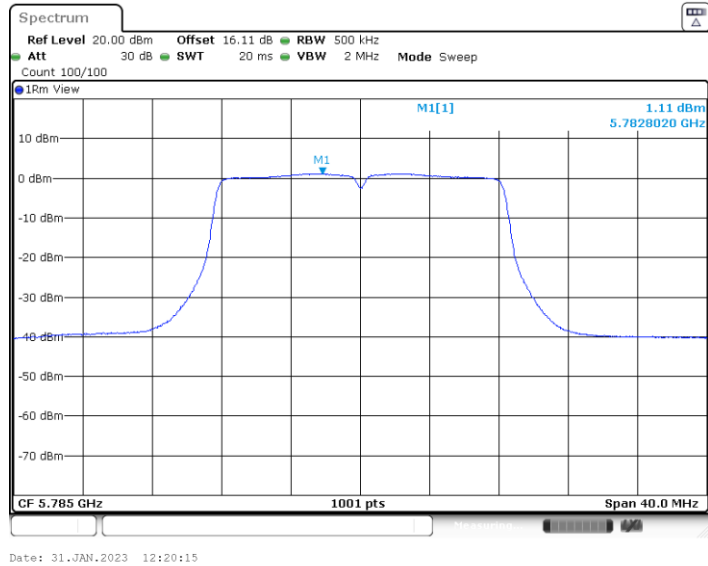


11A-MIMO_Ant1_5745

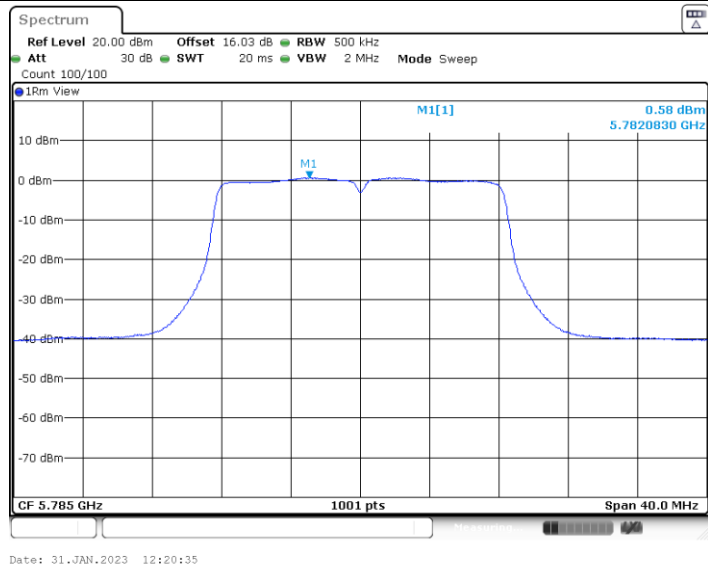




11A-MIMO_Ant0_5785

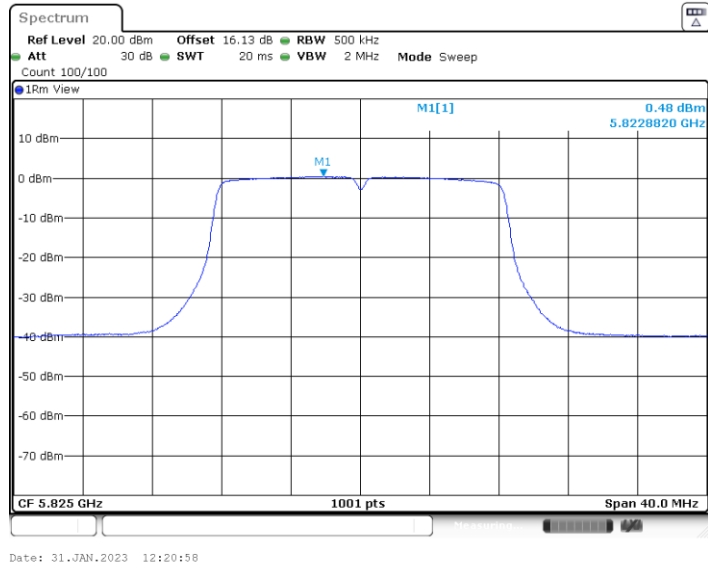


11A-MIMO_Ant1_5785

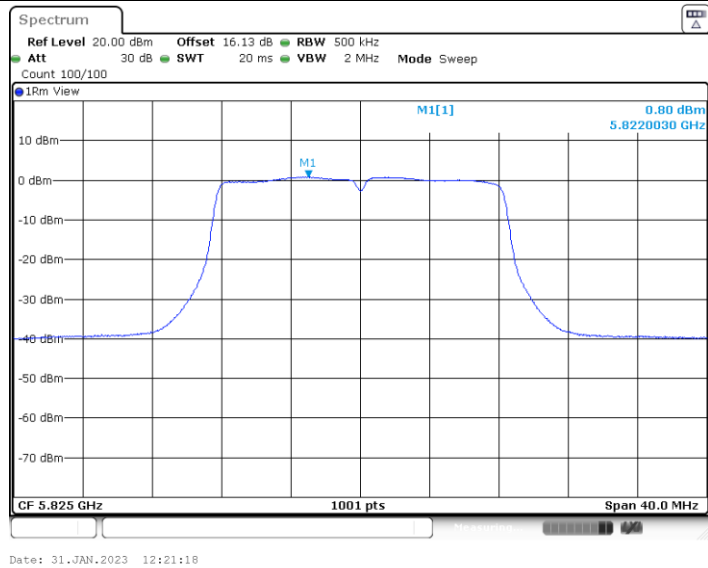




11A-MIMO_Ant0_5825

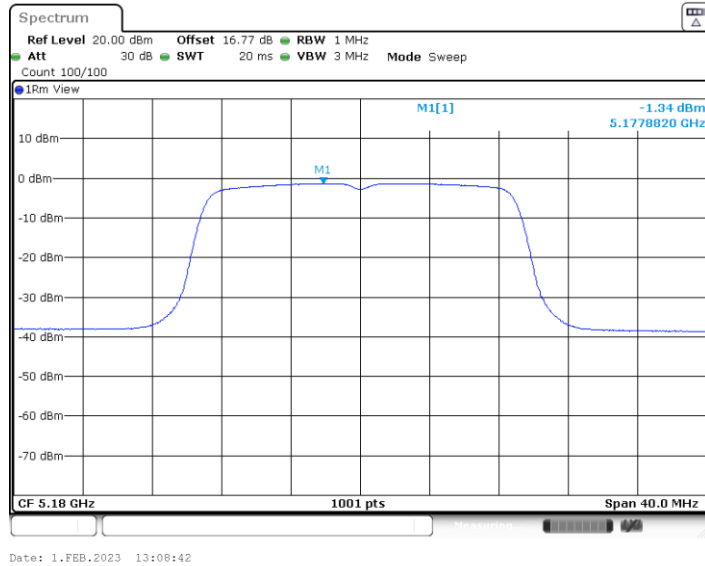


11A-MIMO_Ant1_5825

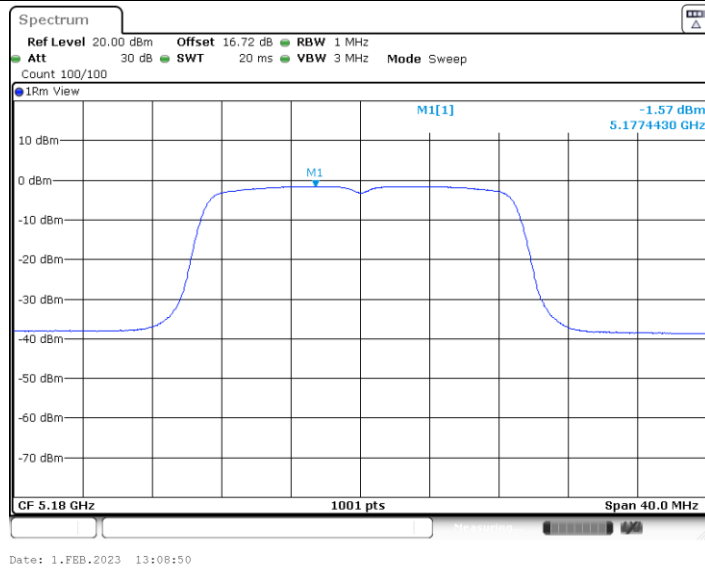




11N20MIMO_Ant0_5180

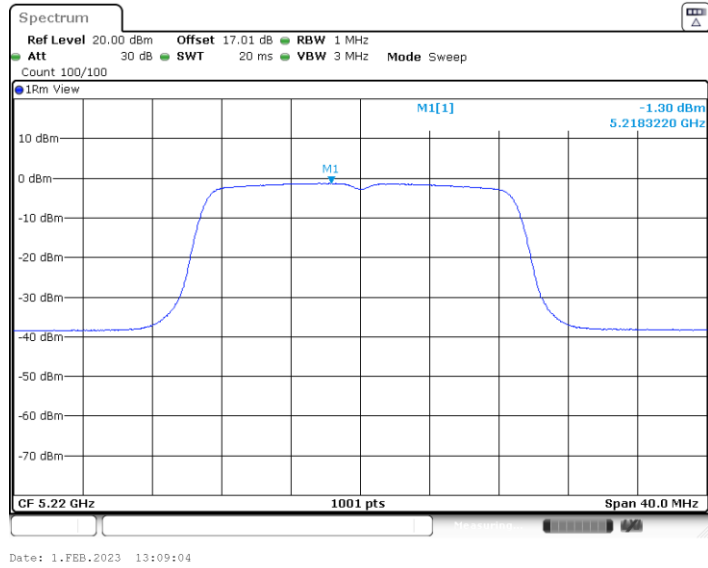


11N20MIMO_Ant1_5180

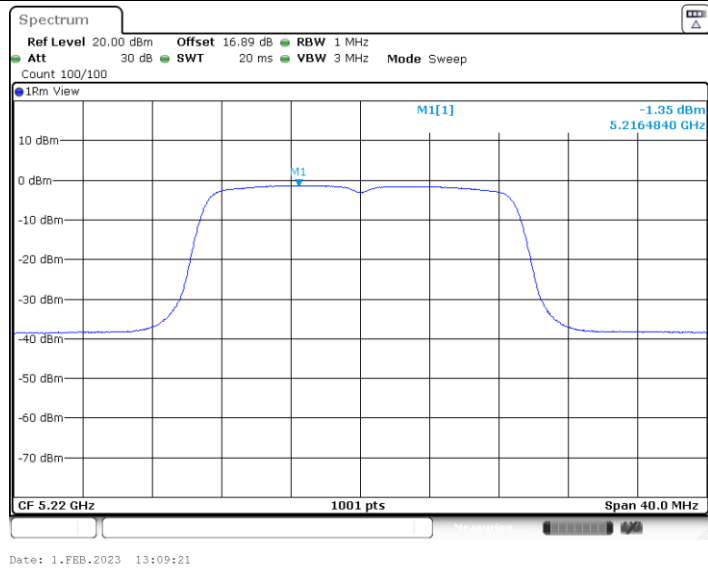




11N20MIMO_Ant0_5220

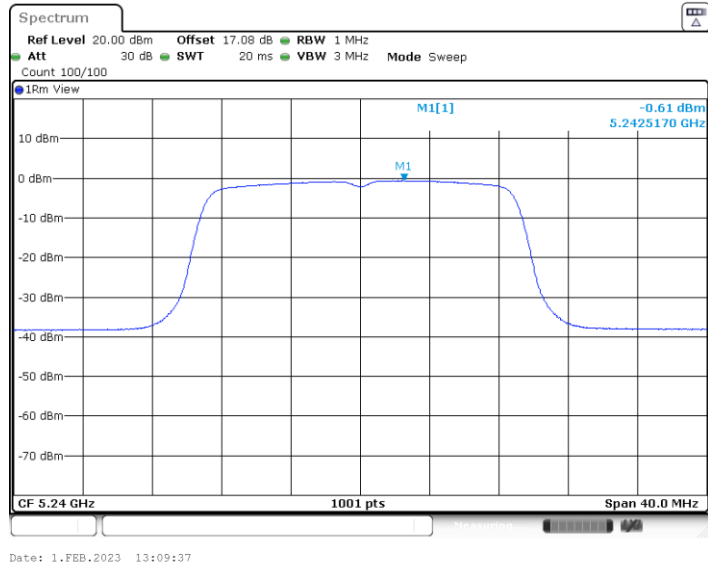


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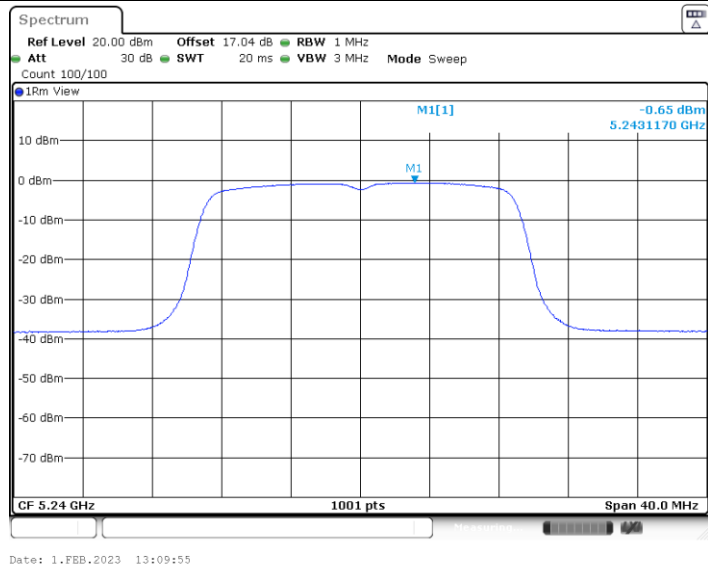




11N20MIMO_Ant0_5240

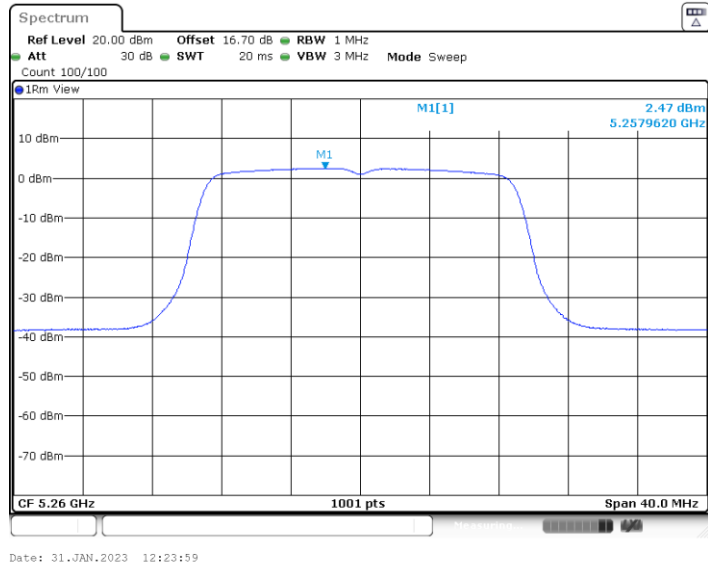


11N20MIMO_Ant1_5240

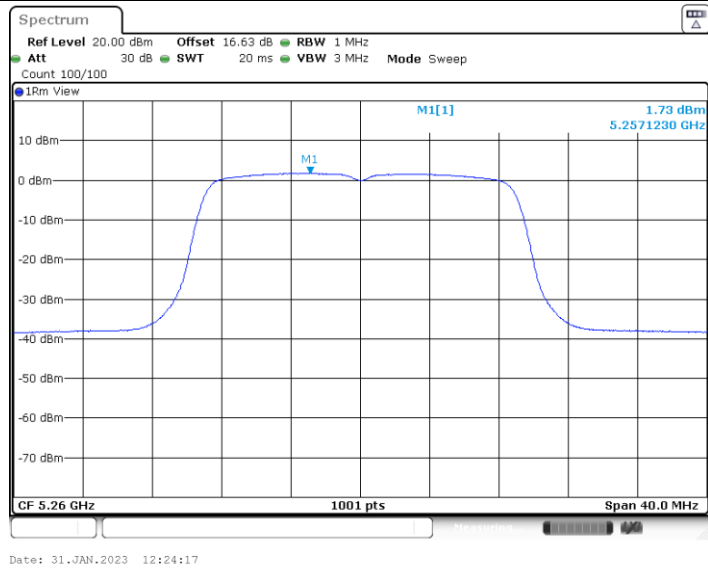


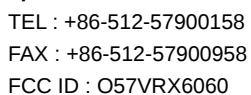
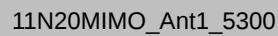


11N20MIMO_Ant0_5260



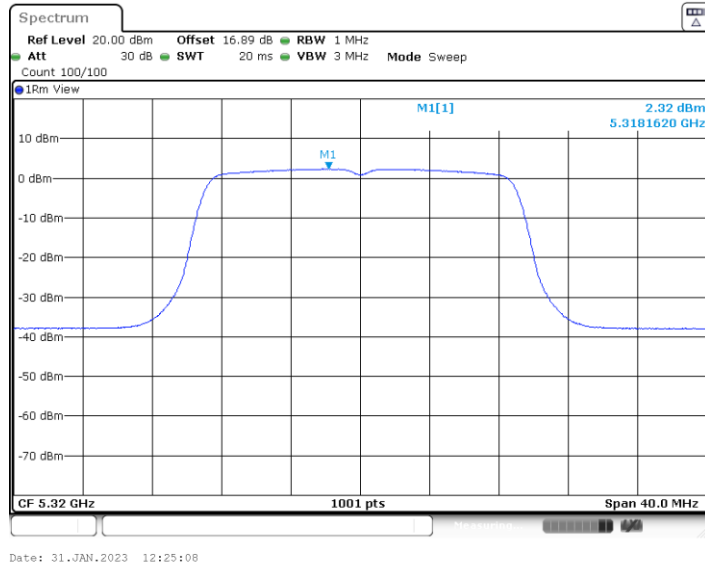
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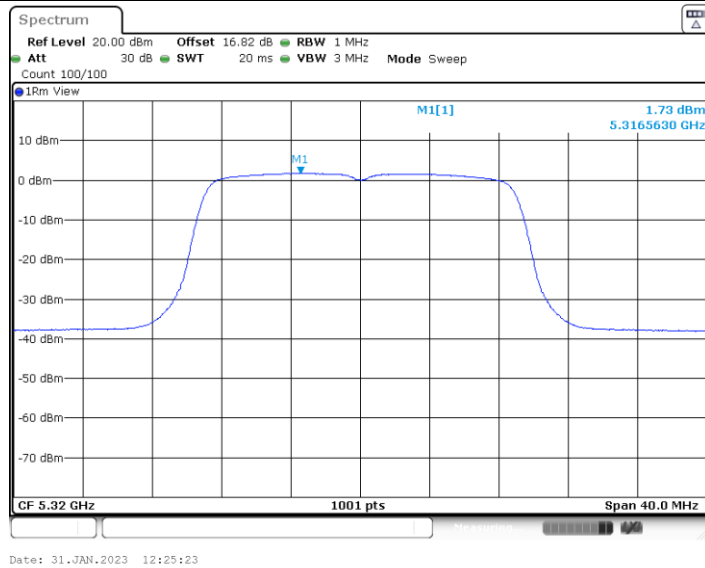




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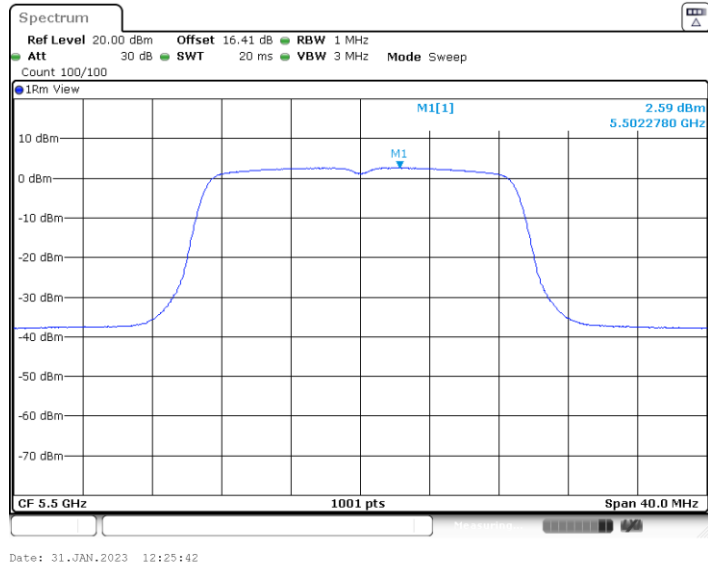


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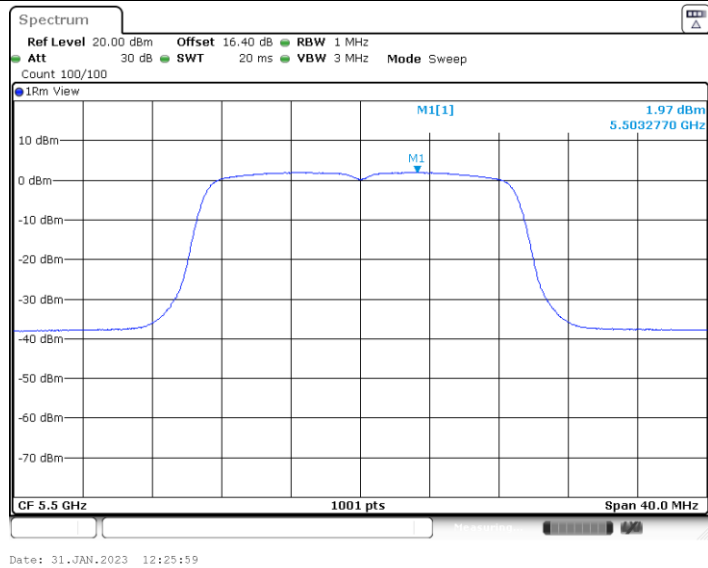




11N20MIMO_Ant0_5500

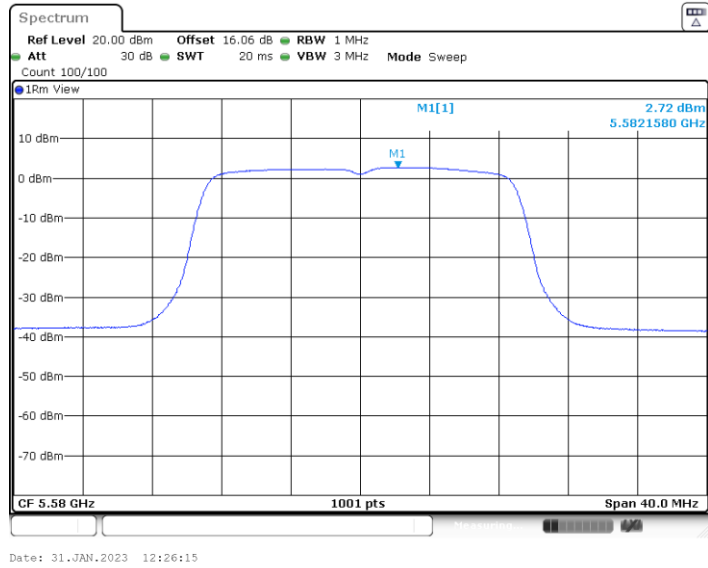


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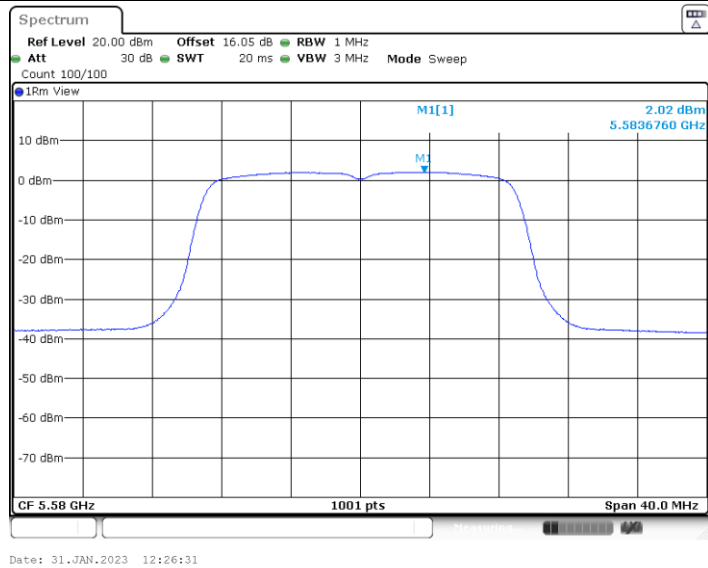




11N20MIMO_Ant0_5580

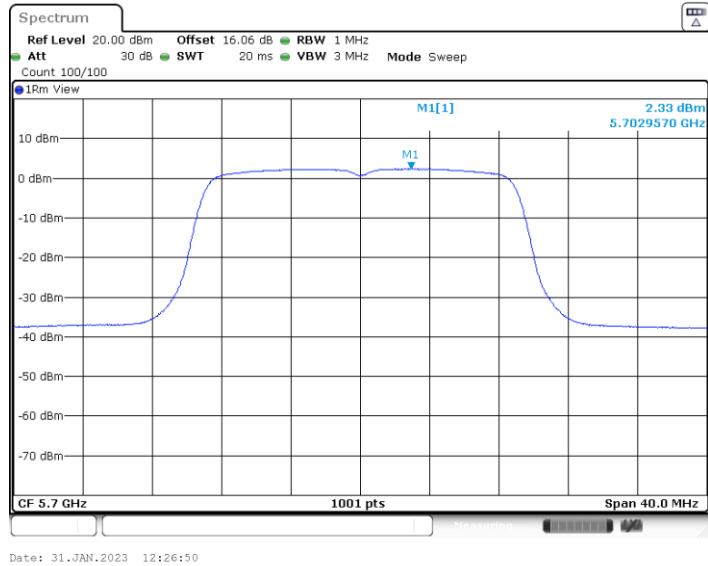


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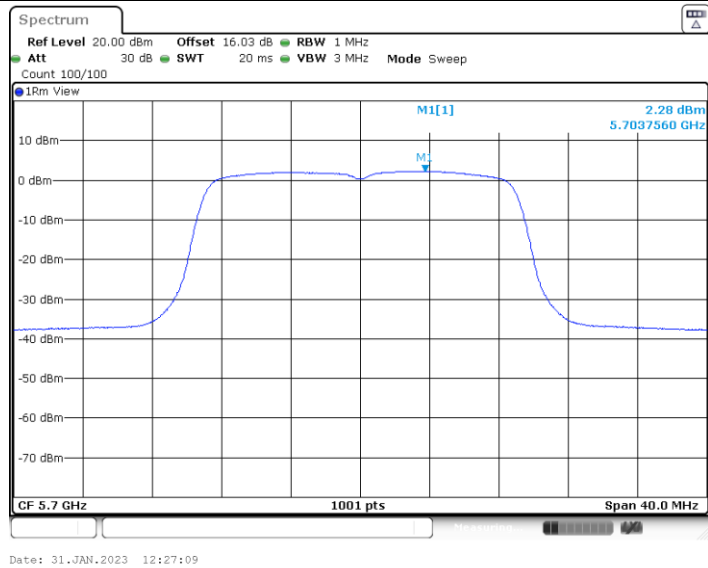


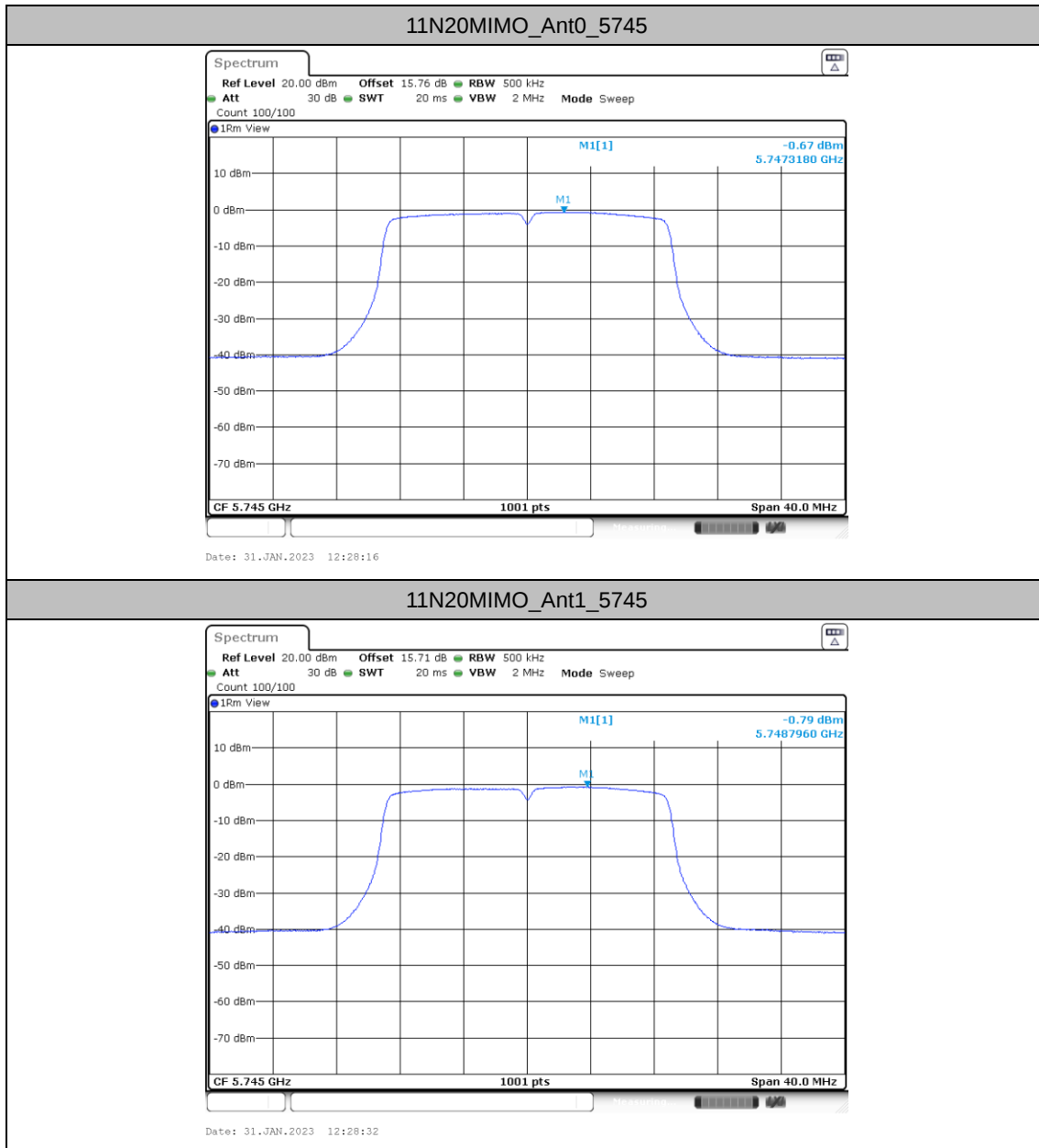


11N20MIMO_Ant0_5700



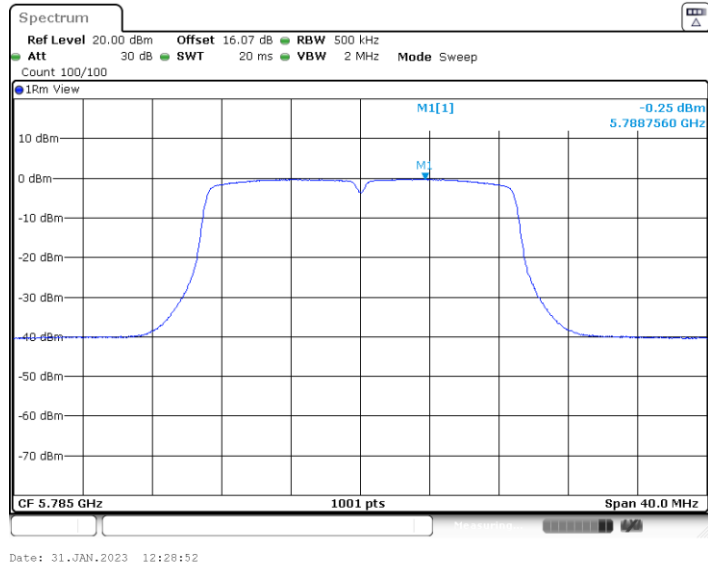
11N20MIMO_Ant1_5700



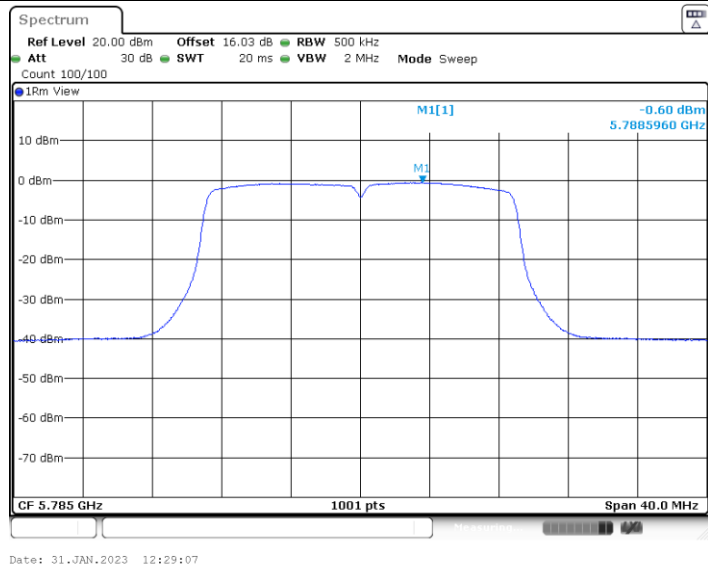




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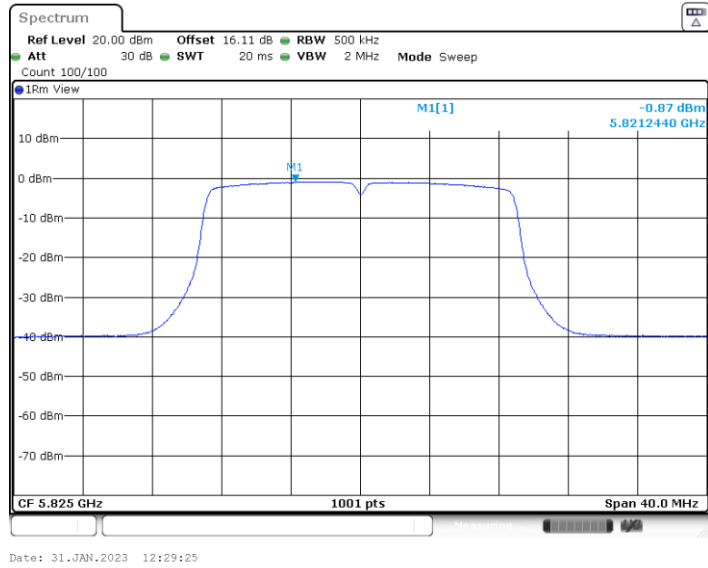


11N20MIMO_Ant1_5785

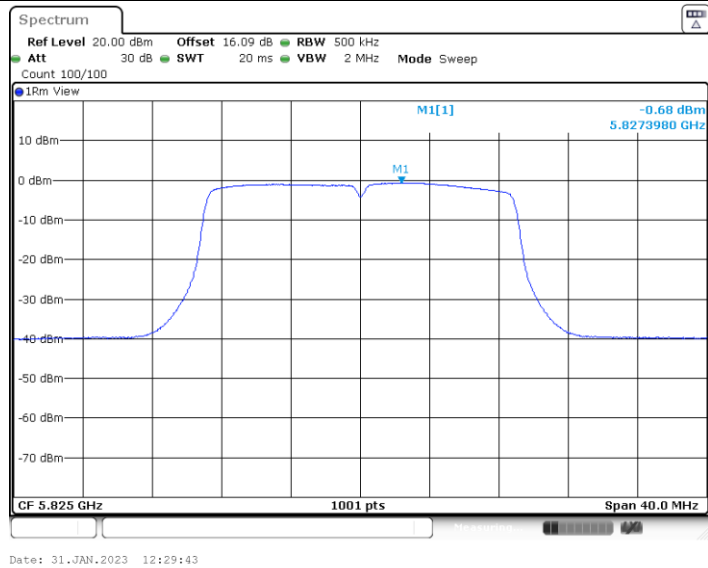




11N20MIMO_Ant0_5825

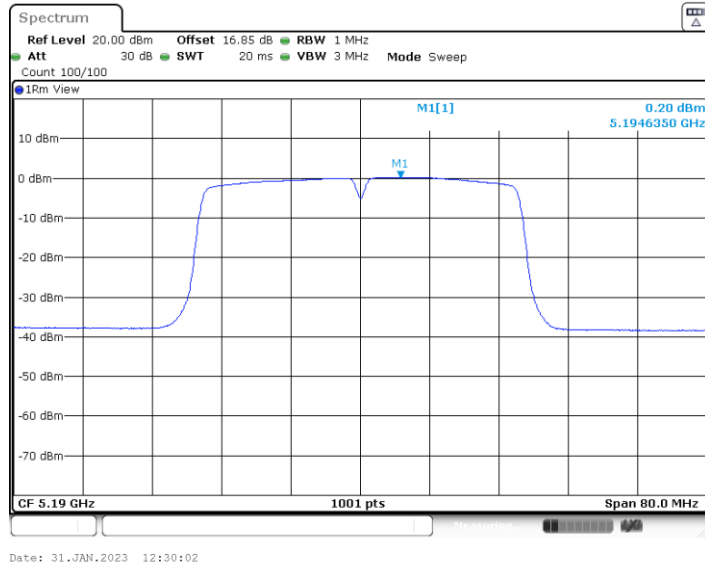


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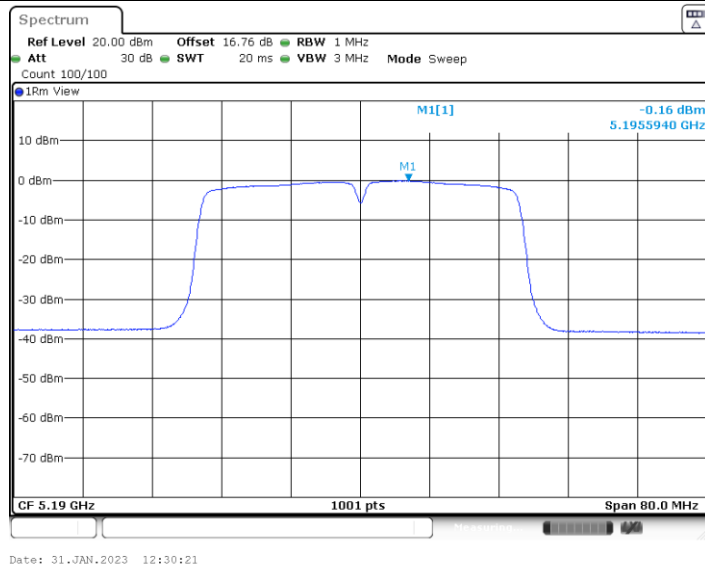




11N40MIMO_Ant0_5190

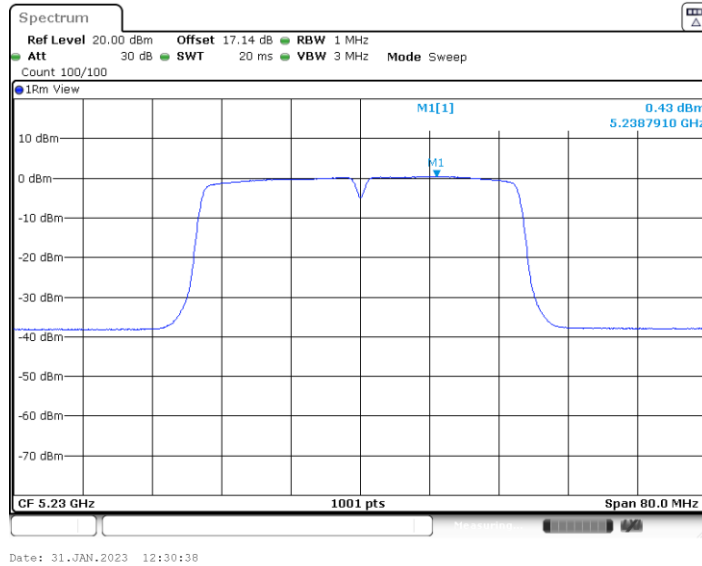


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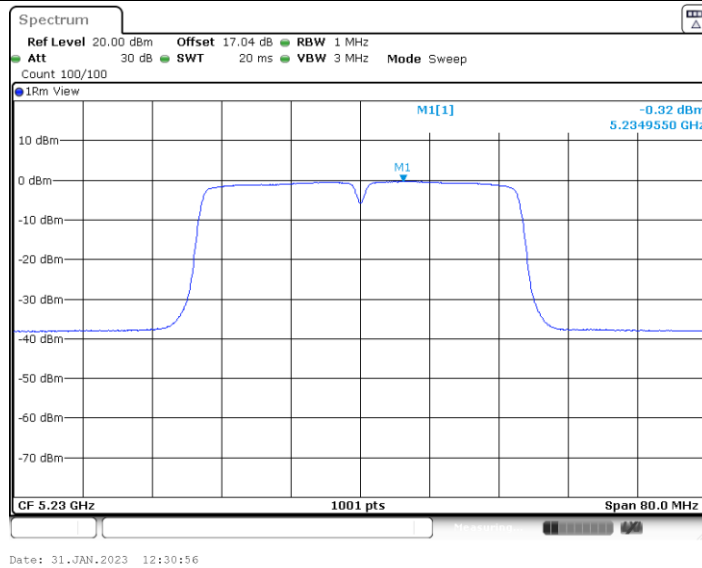




11N40MIMO_Ant0_5230

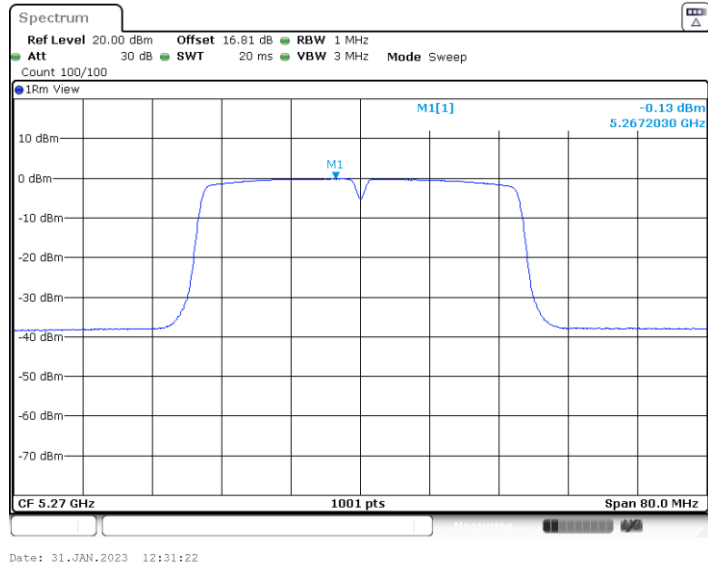


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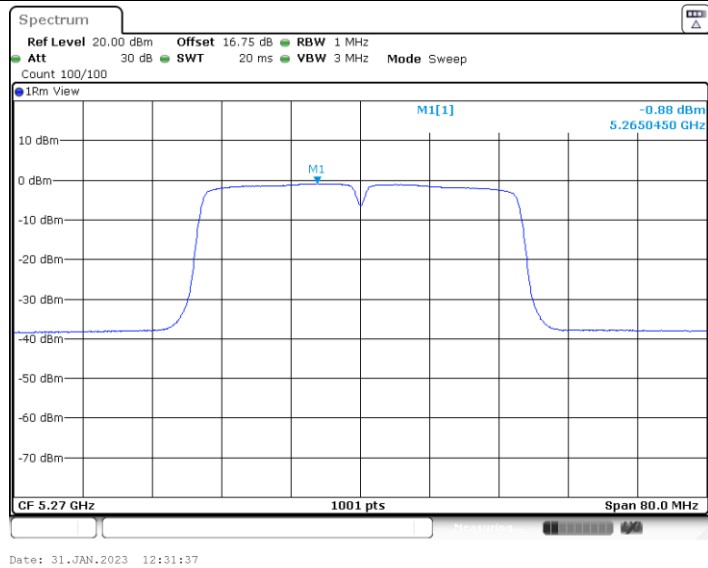




11N40MIMO_Ant0_5270

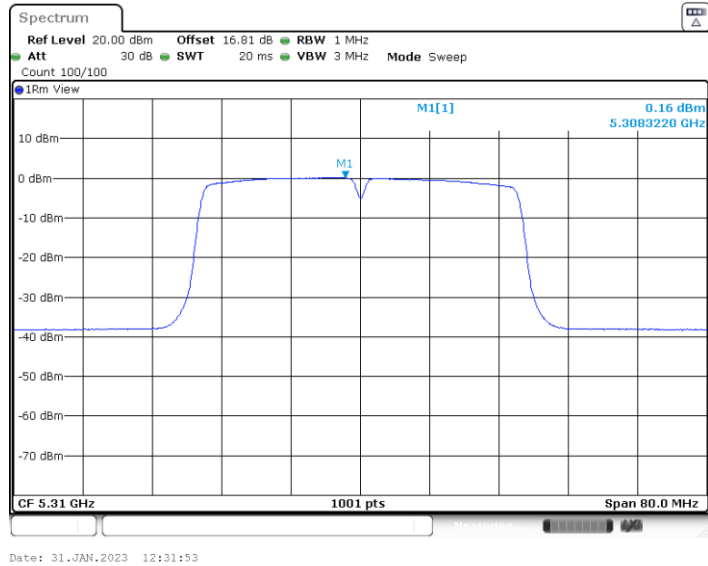


11N40MIMO_Ant1_5270

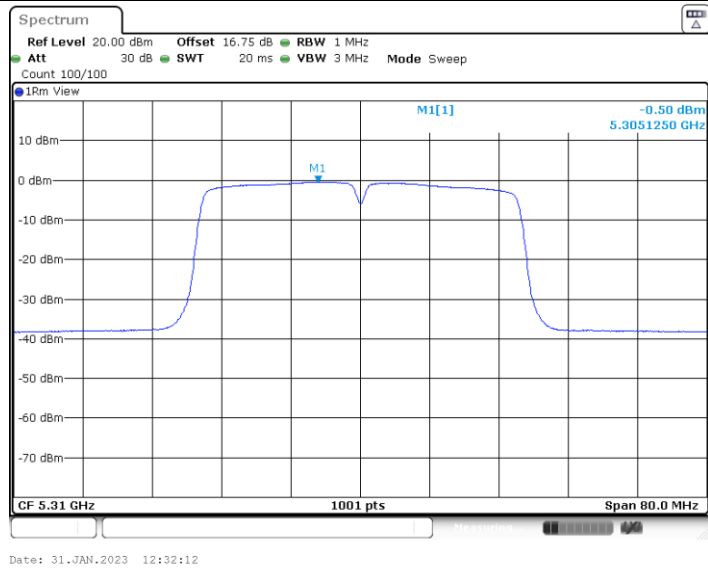




11N40MIMO_Ant0_5310

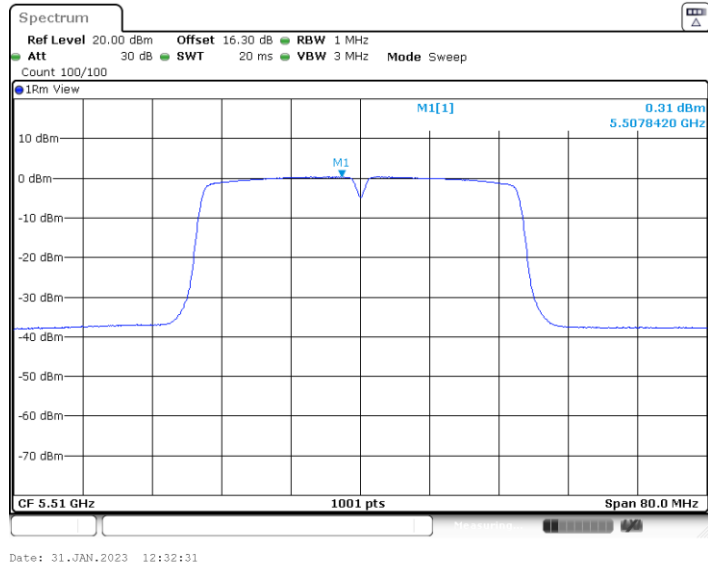


11N40MIMO_Ant1_5310

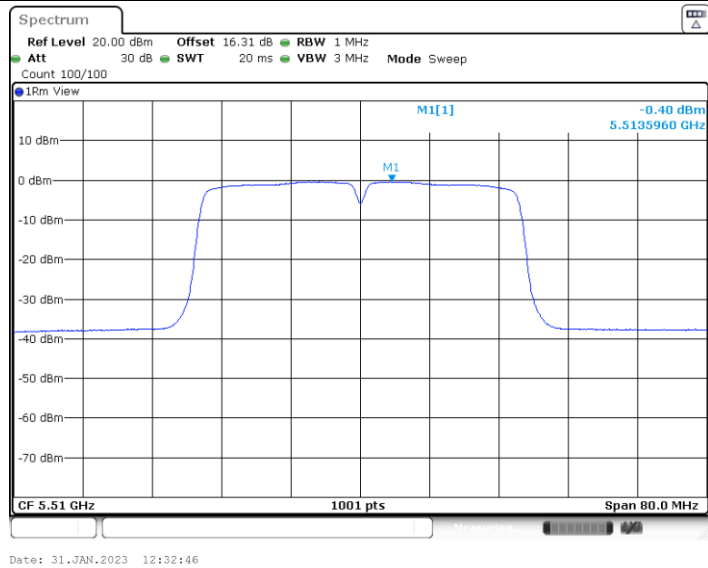




11N40MIMO_Ant0_5510

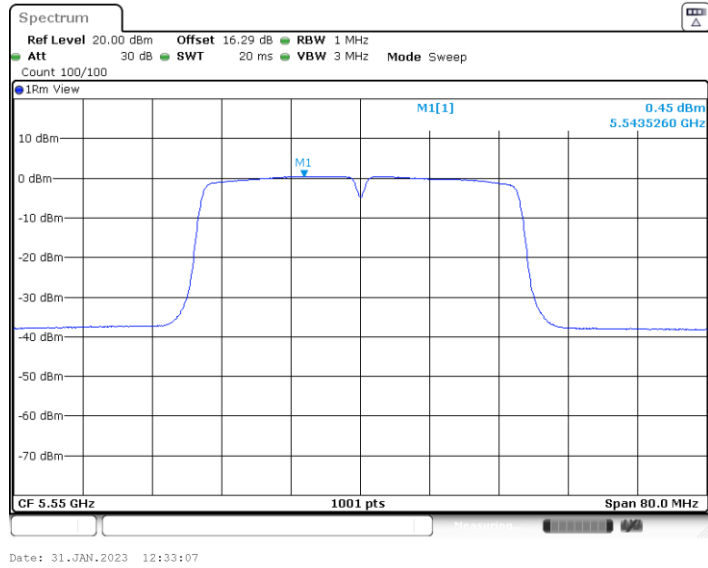


11N40MIMO_Ant1_5510

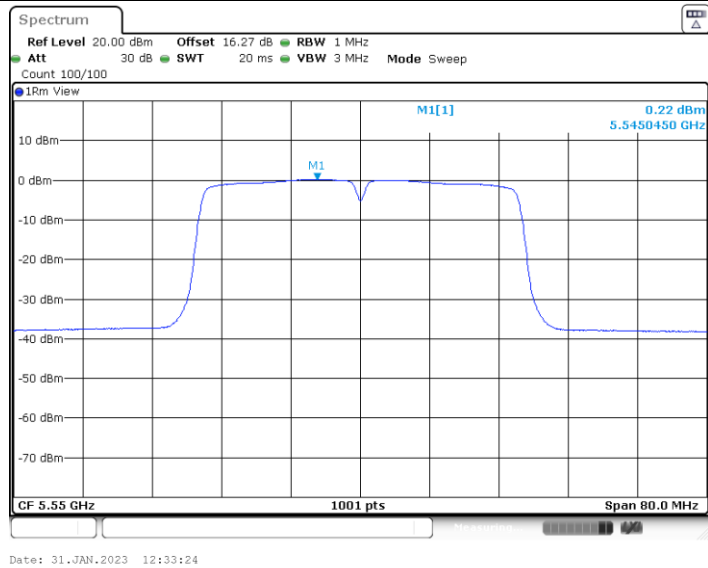




11N40MIMO_Ant0_5550

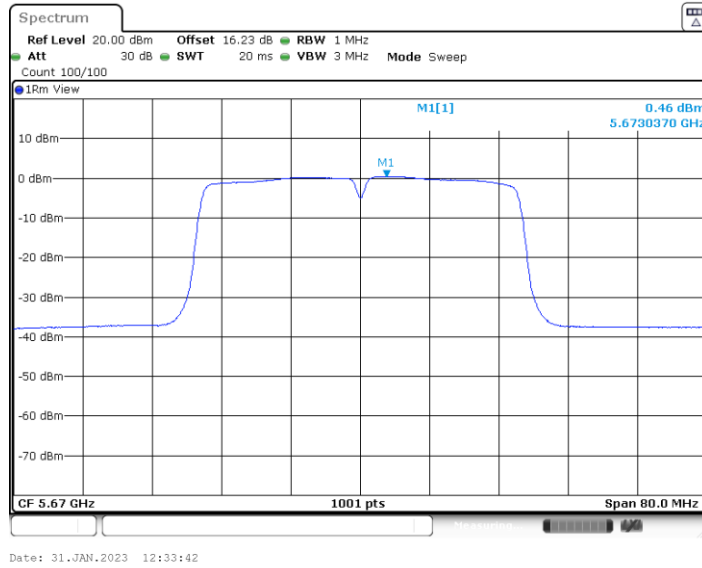


11N40MIMO_Ant1_5550

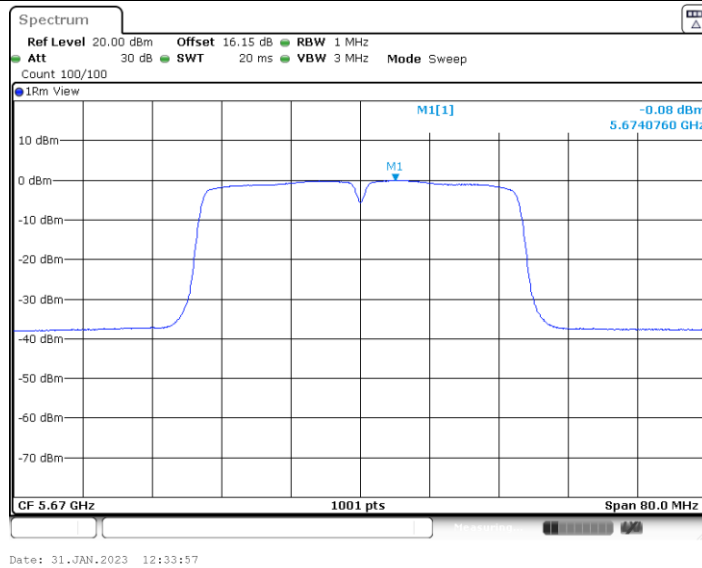


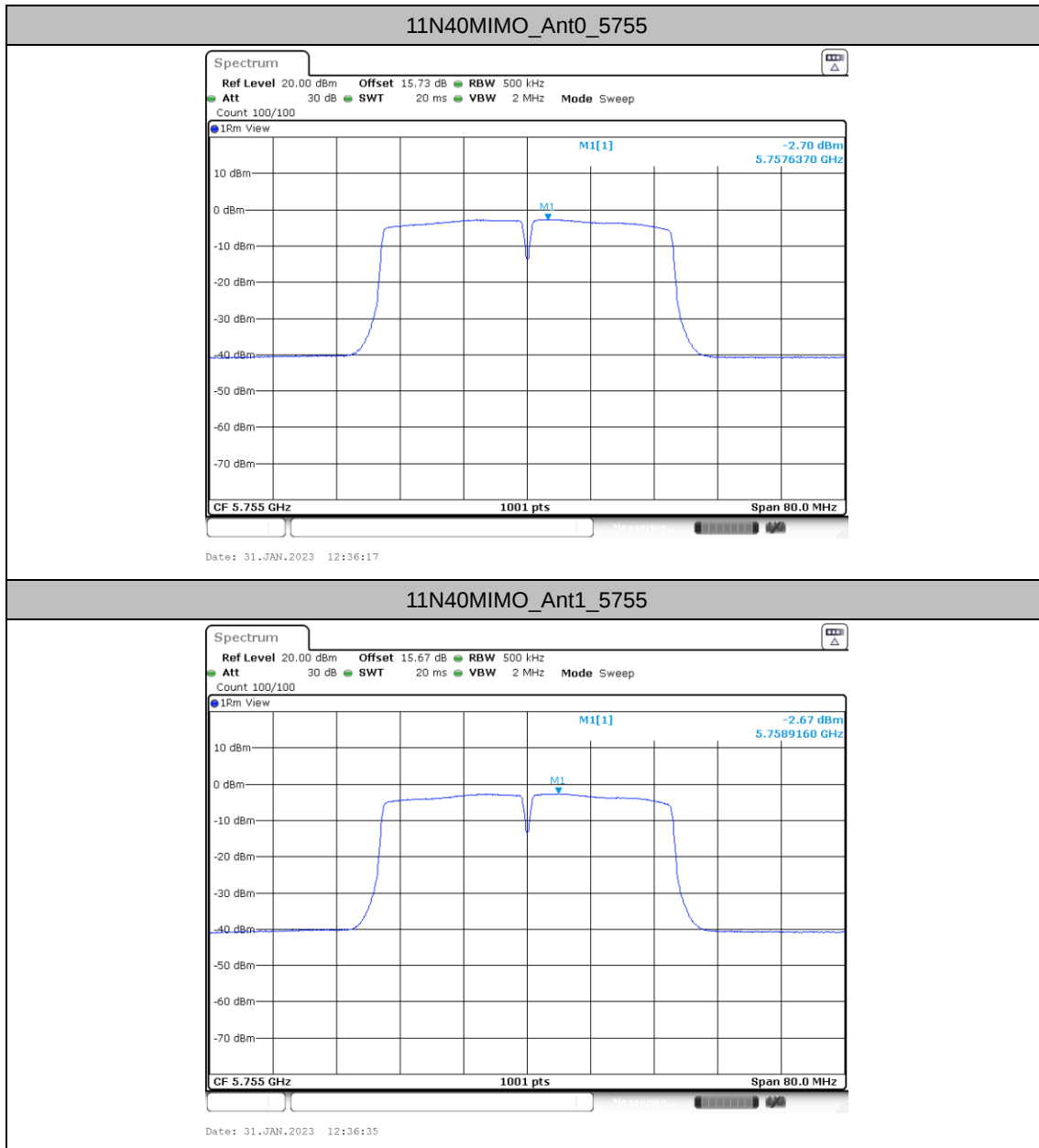


11N40MIMO_Ant0_5670



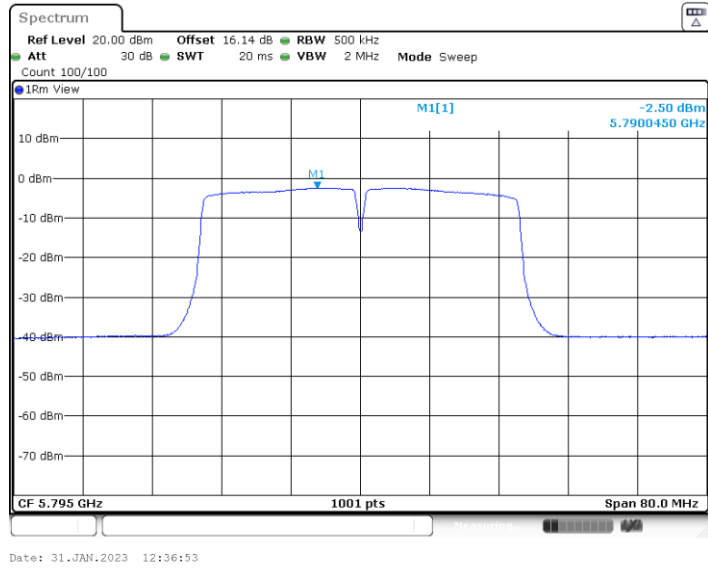
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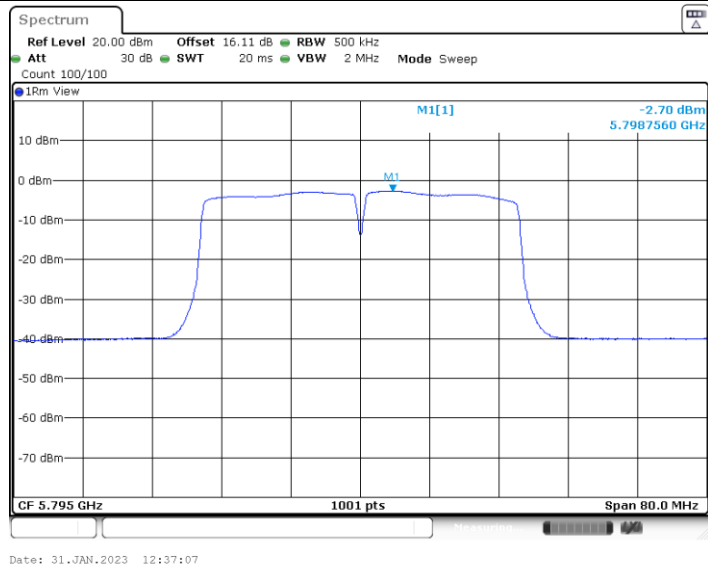




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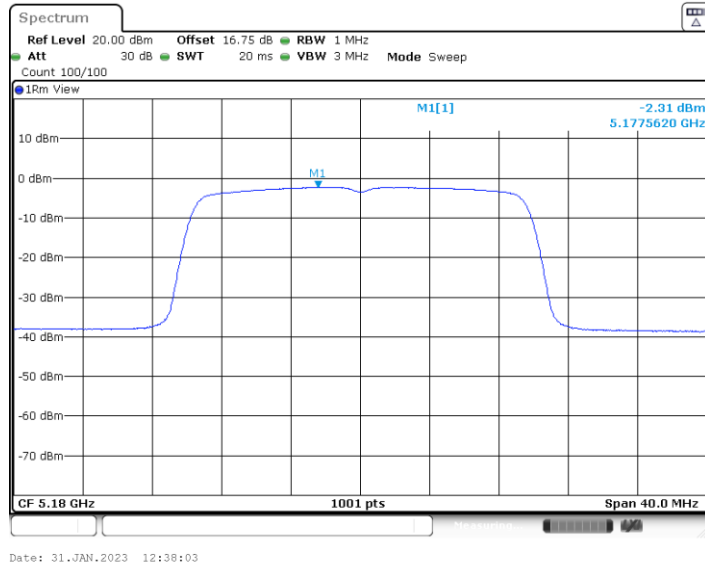


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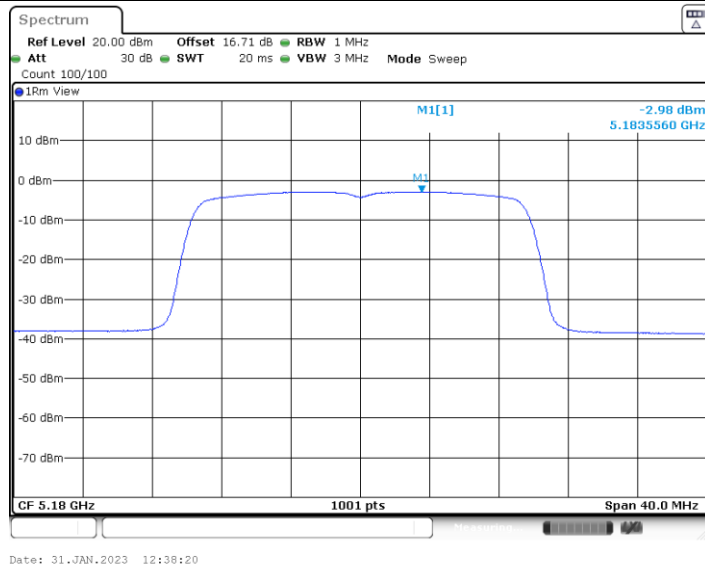




11AX20MIMO_Ant0_5180

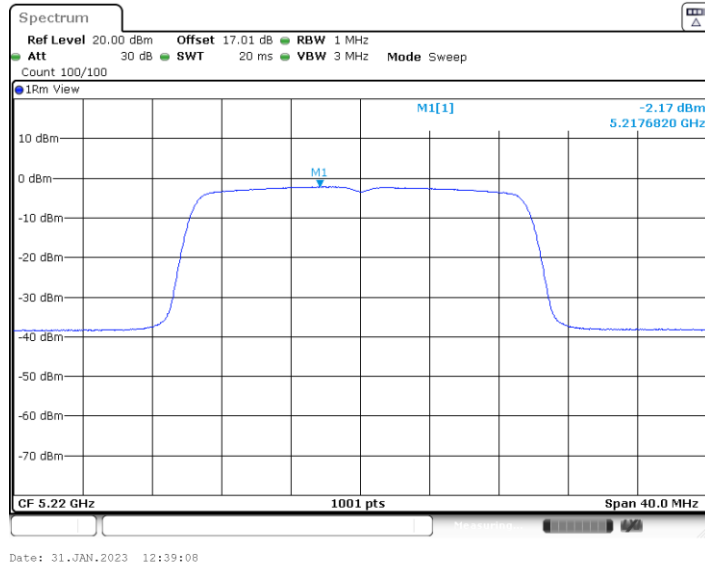


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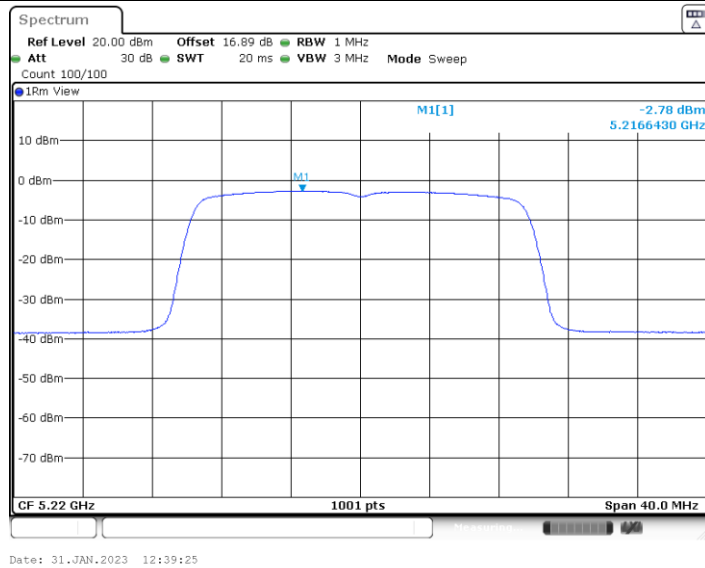




11AX20MIMO_Ant0_5220

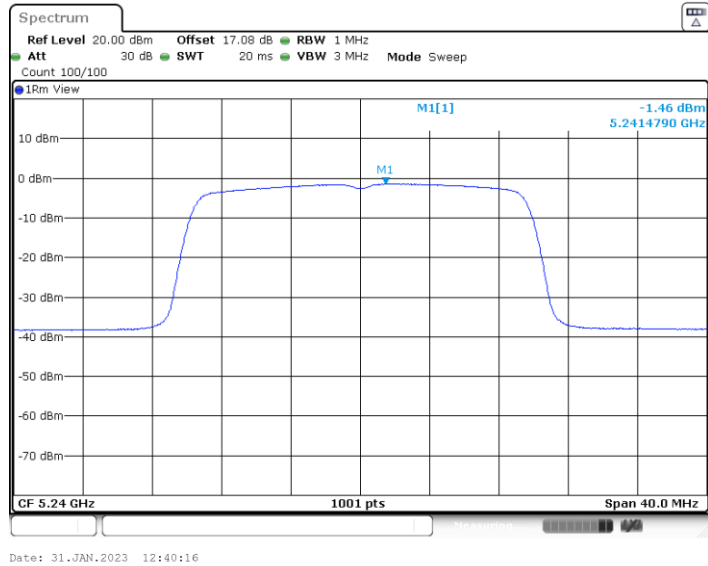


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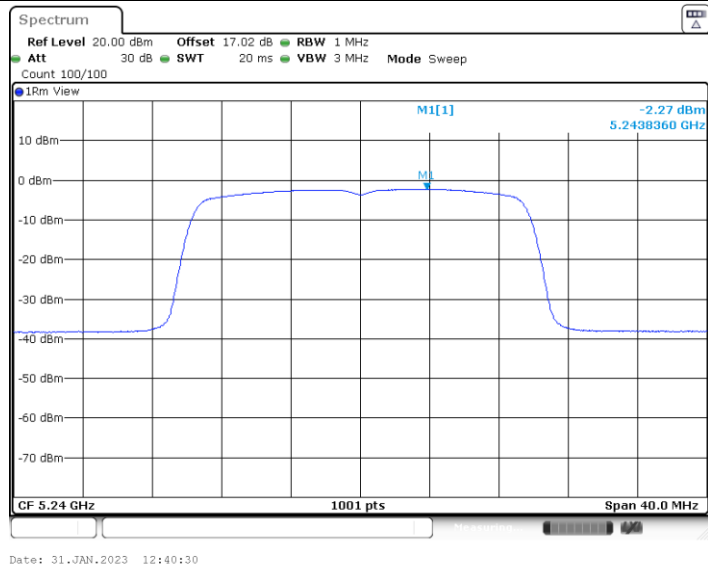




11AX20MIMO_Ant0_5240

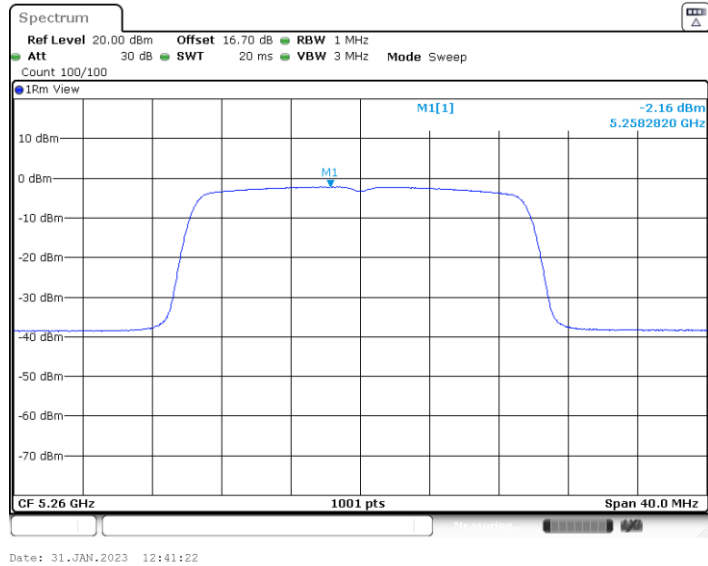


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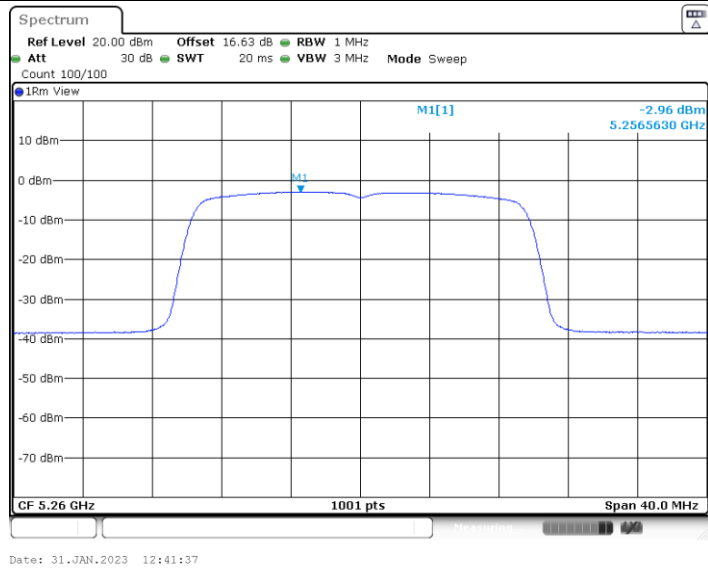




11AX20MIMO_Ant0_5260

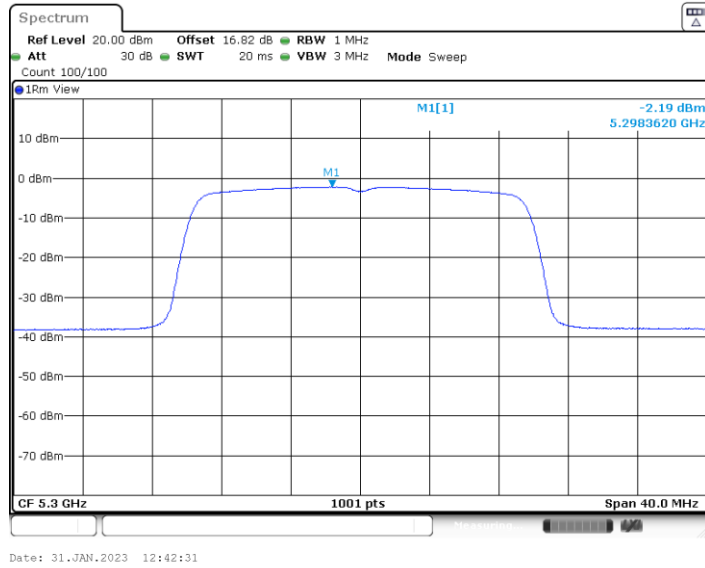


11AX20MIMO_Ant1_5260

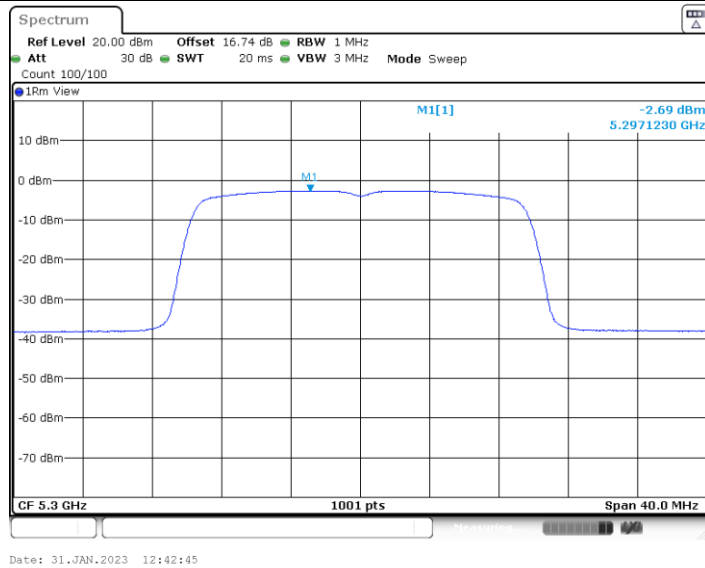




11AX20MIMO_Ant0_5300

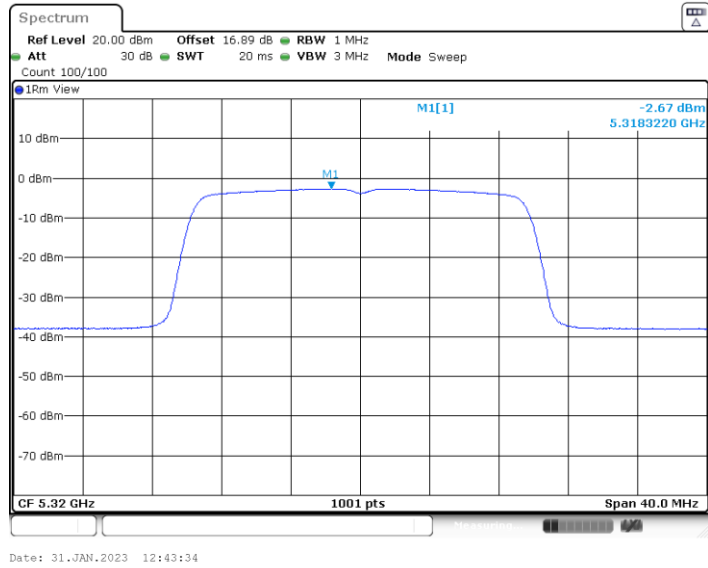


11AX20MIMO_Ant1_5300

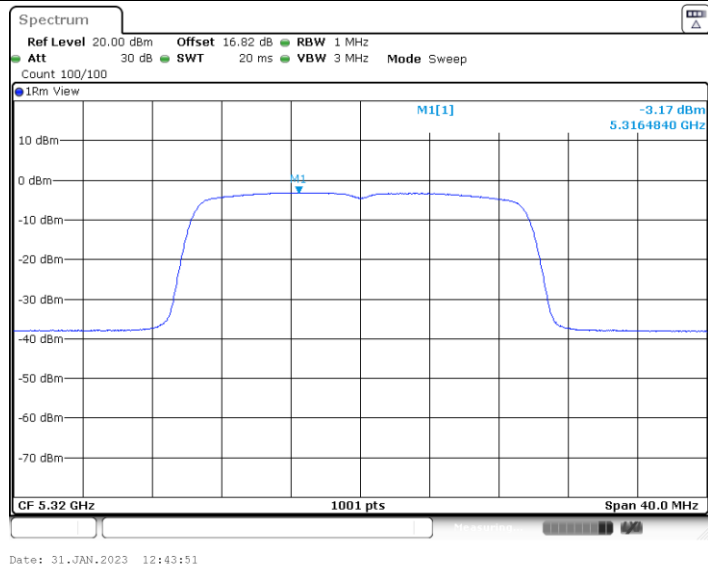




11AX20MIMO_Ant0_5320

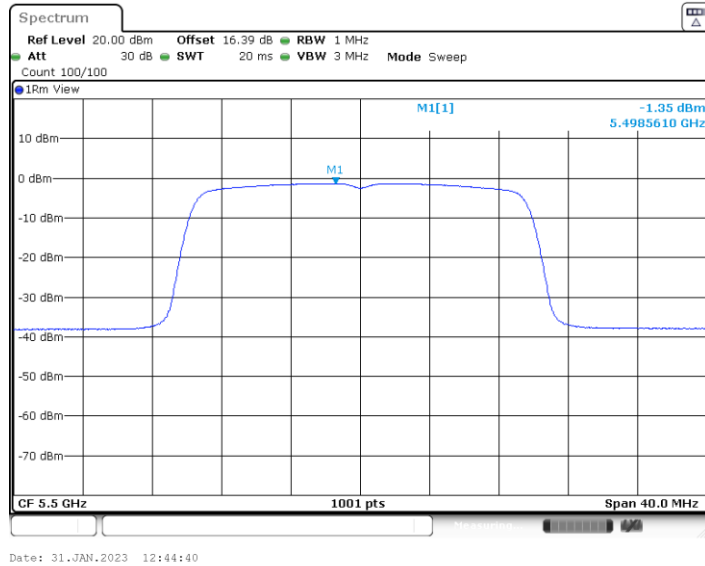


11AX20MIMO_Ant1_5320

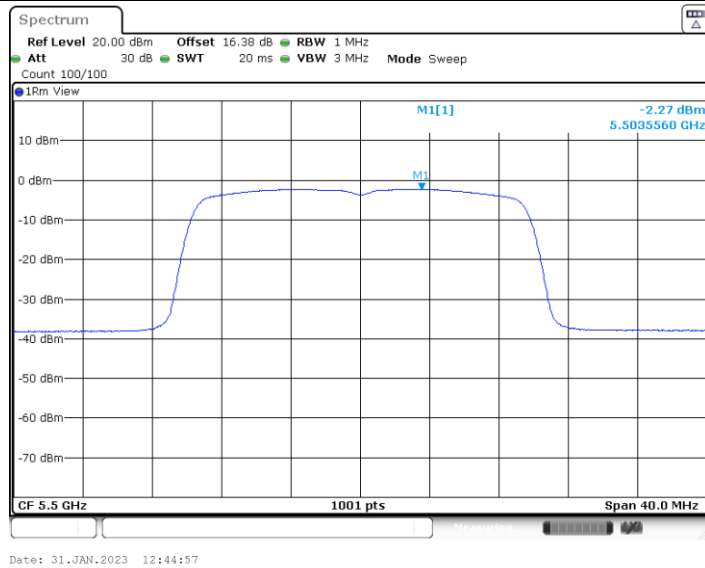




11AX20MIMO_Ant0_5500

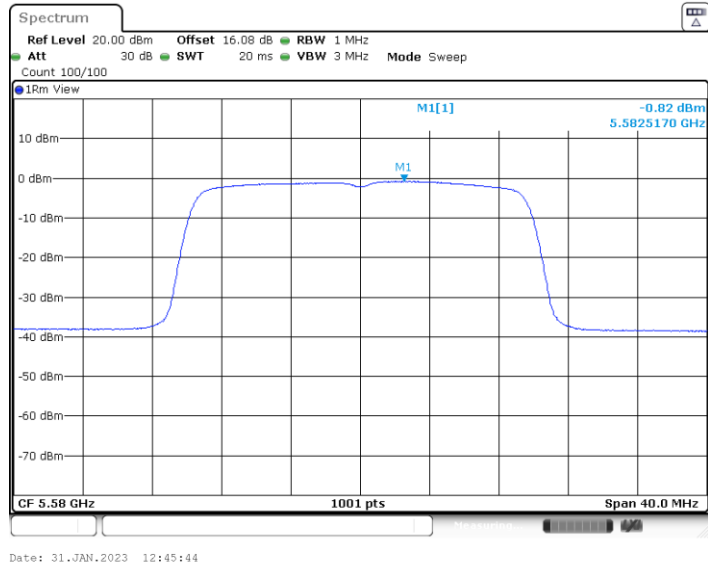


11AX20MIMO_Ant1_5500

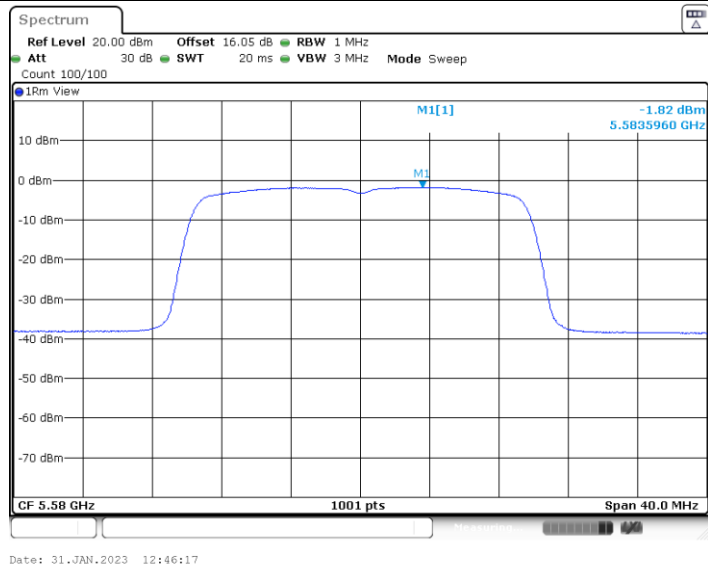




11AX20MIMO_Ant0_5580

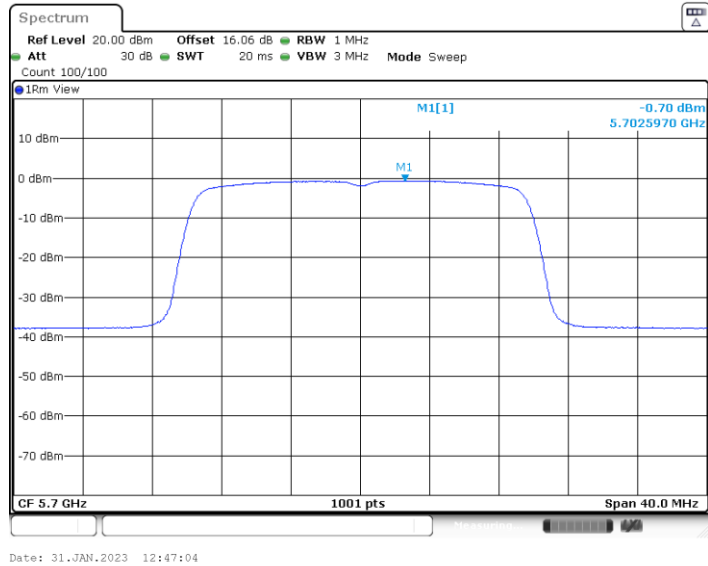


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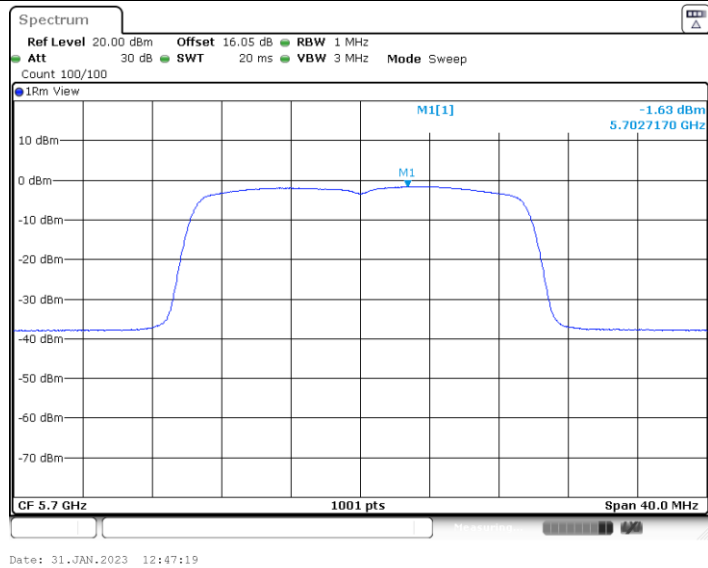


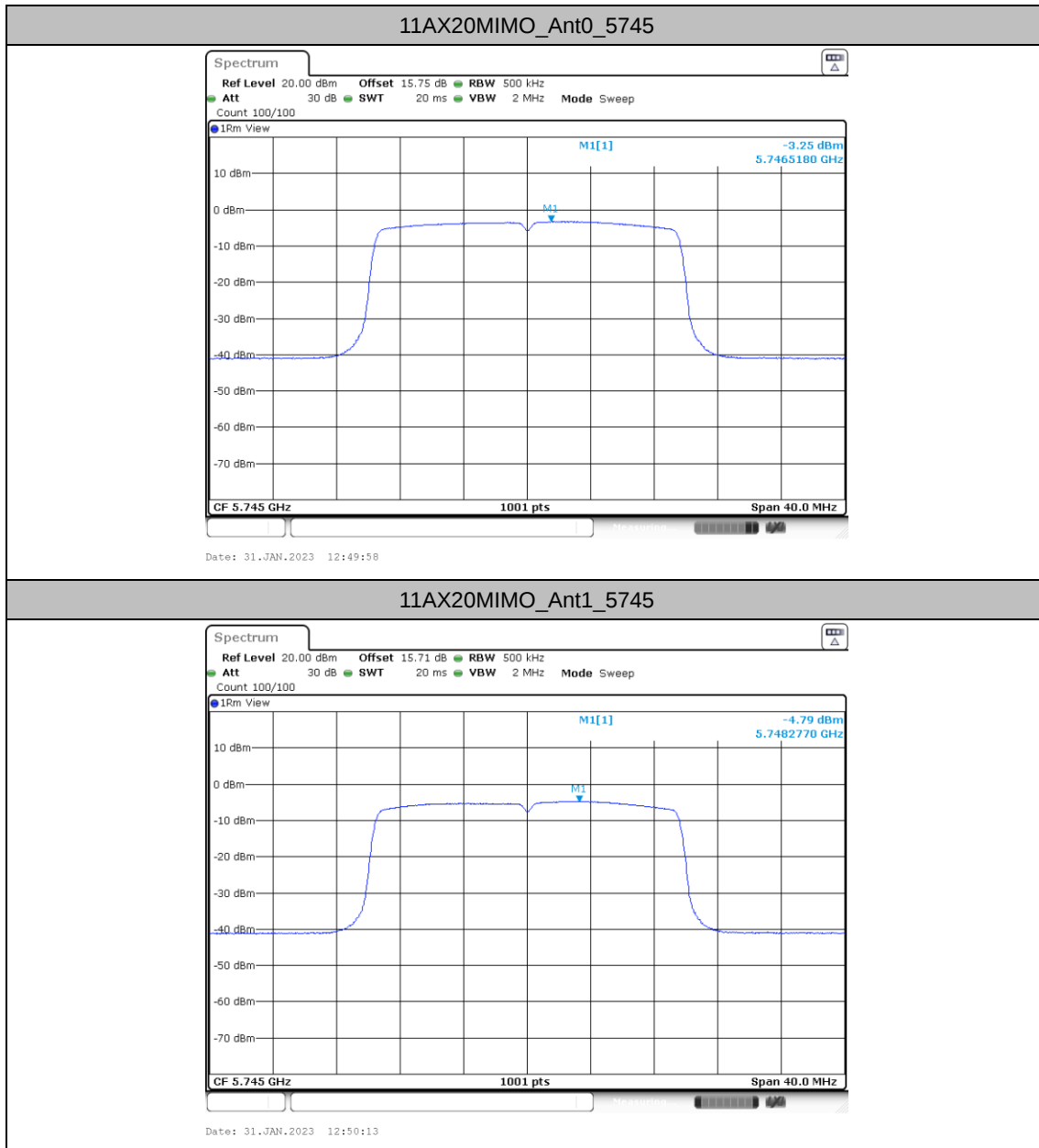


11AX20MIMO_Ant0_5700



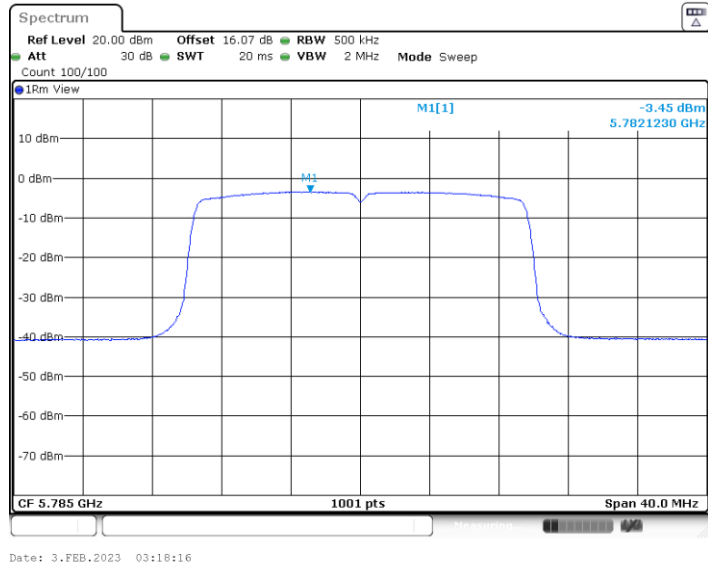
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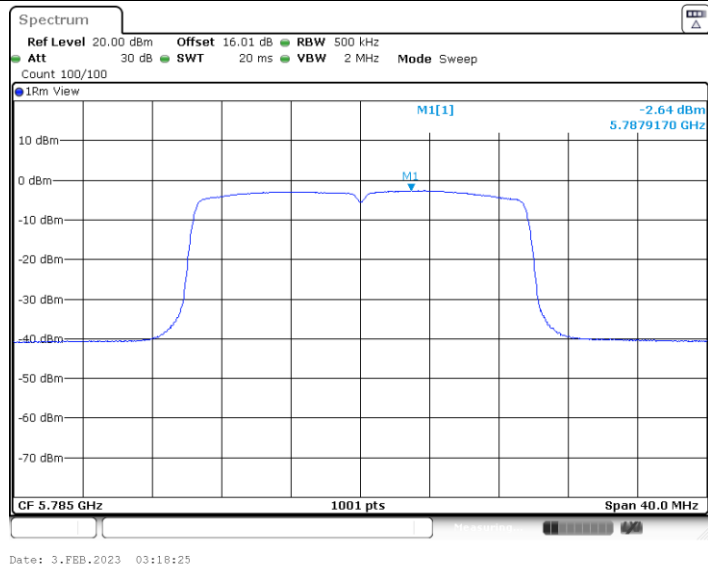




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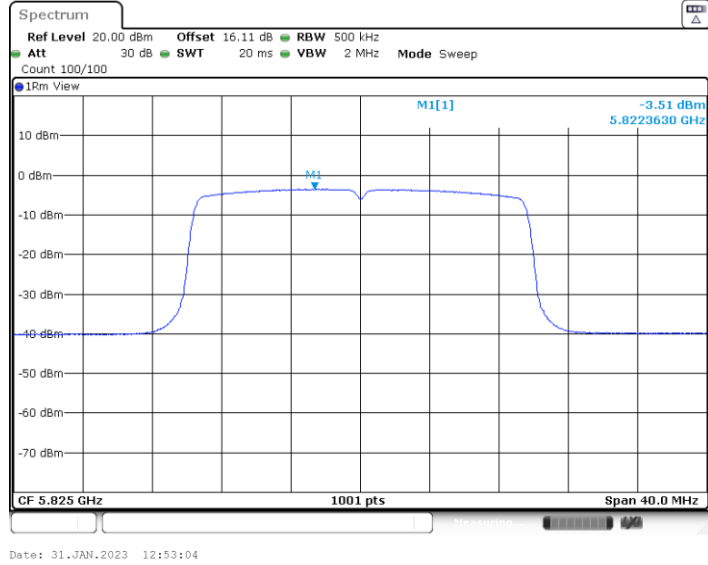


11AX20MIMO_Ant1_5785

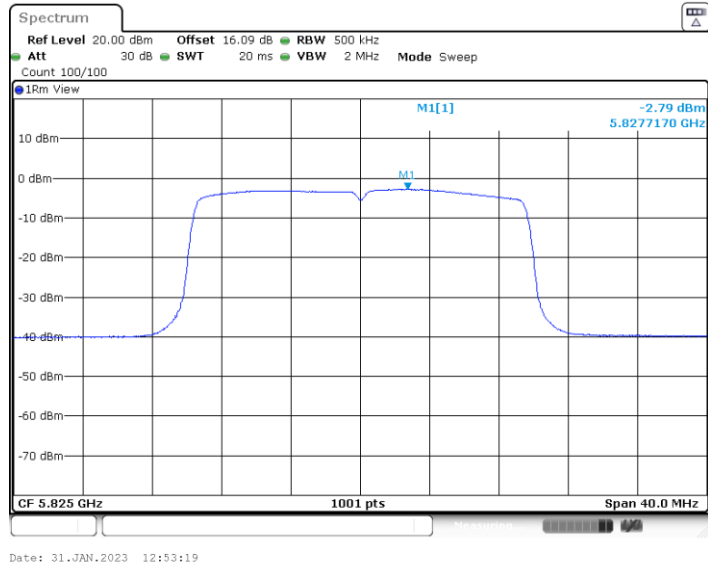




11AX20MIMO_Ant0_5825

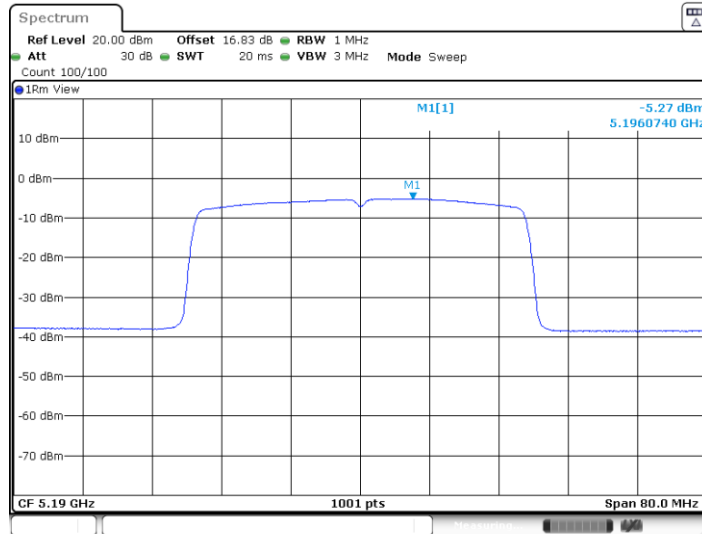


11AX20MIMO_Ant1_5825



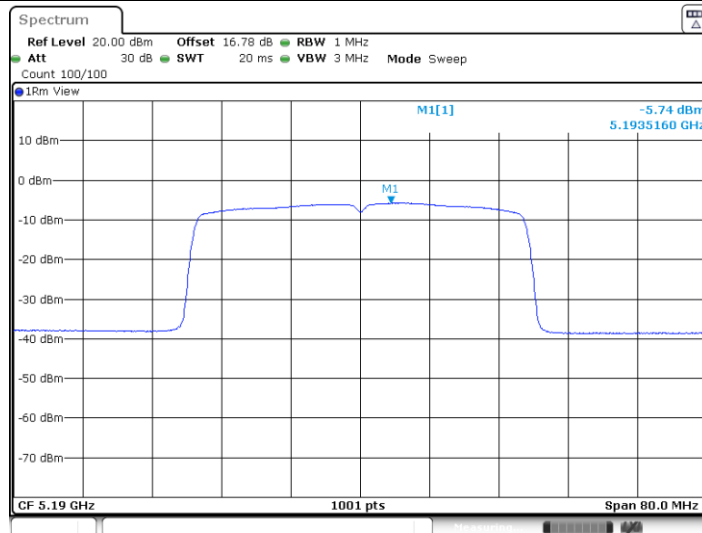


11AX40MIMO_Ant0_5190



Date: 31.JAN.2023 12:54:39

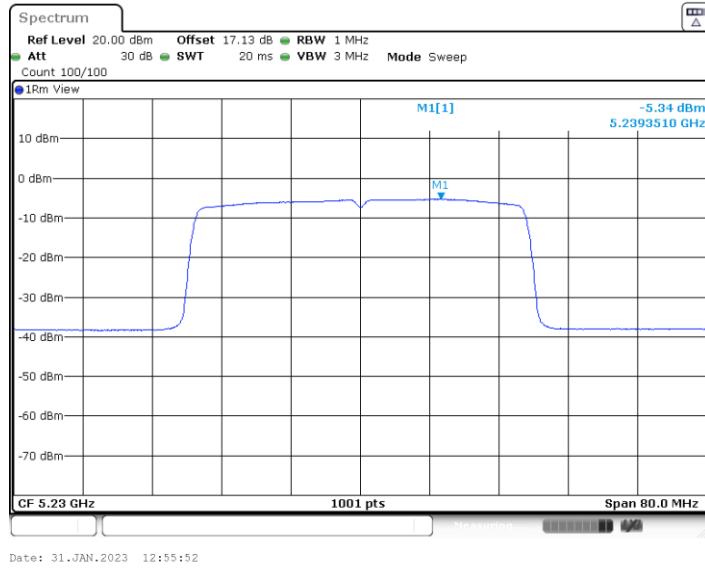
11AX40MIMO_Ant1_5190



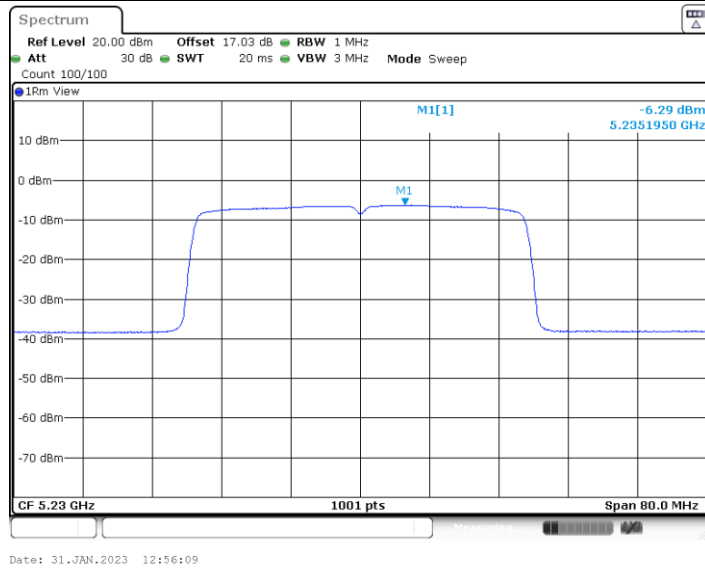
Date: 31.JAN.2023 12:54:57



11AX40MIMO_Ant0_5230

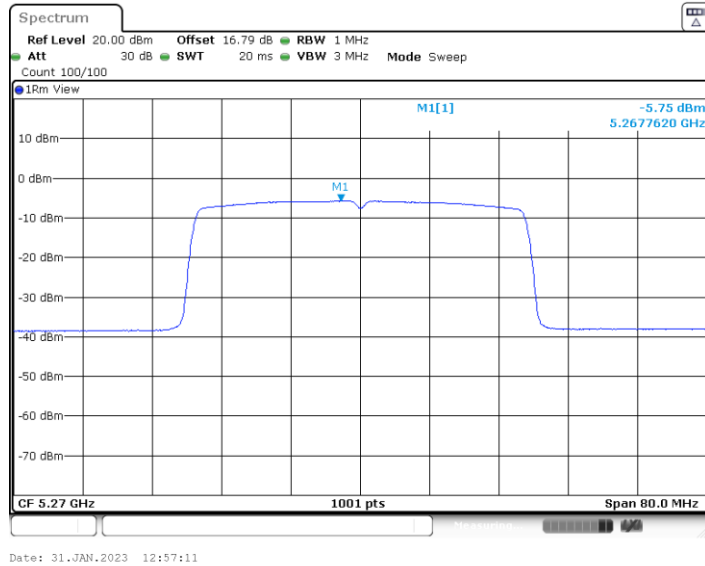


11AX40MIMO_Ant1_5230

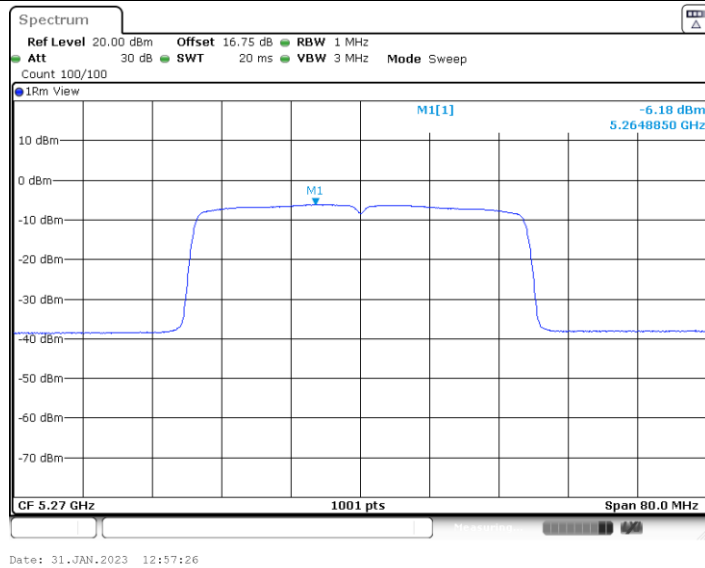




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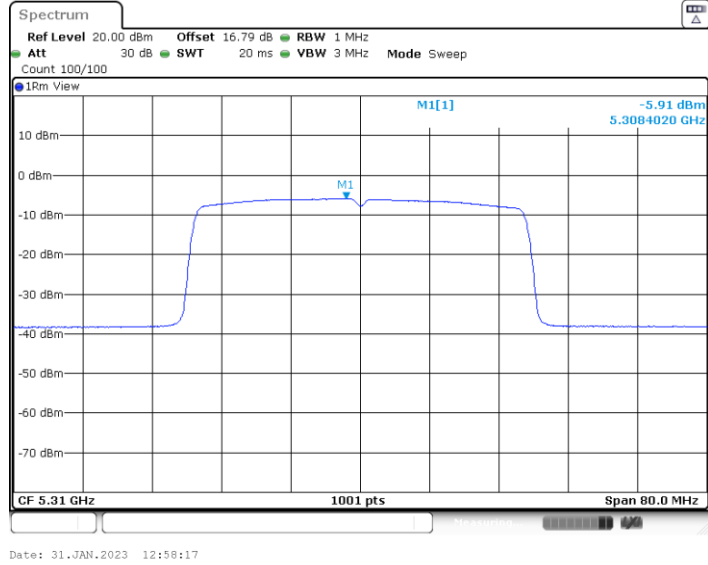


11AX40MIMO_Ant1_5270

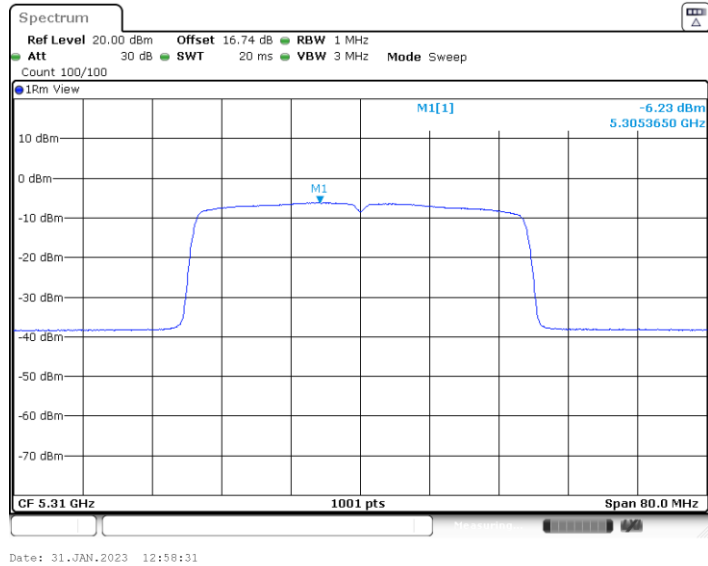




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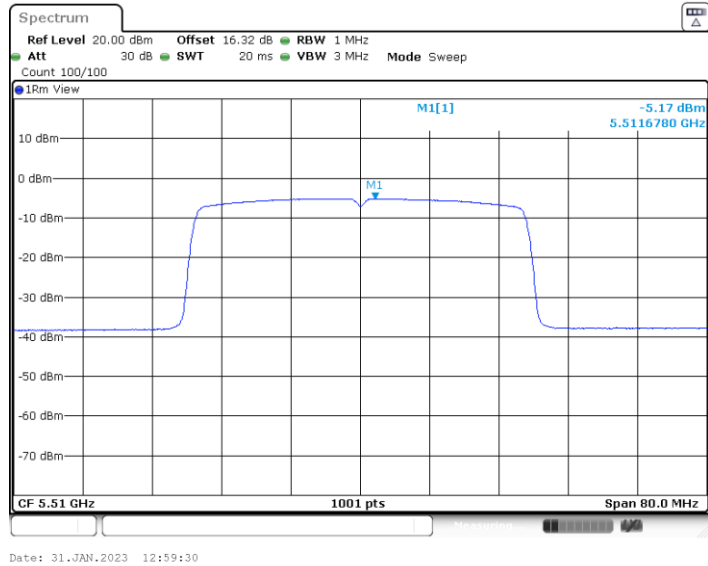


11AX40MIMO_Ant1_5310

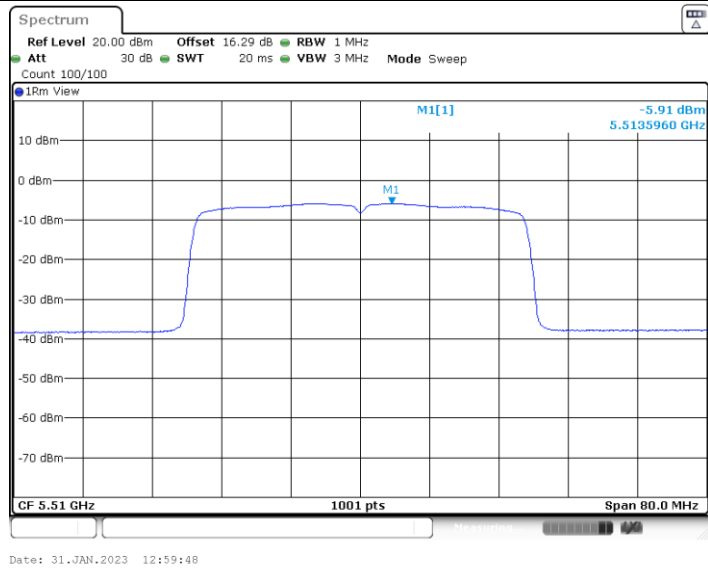




11AX40MIMO_Ant0_5510

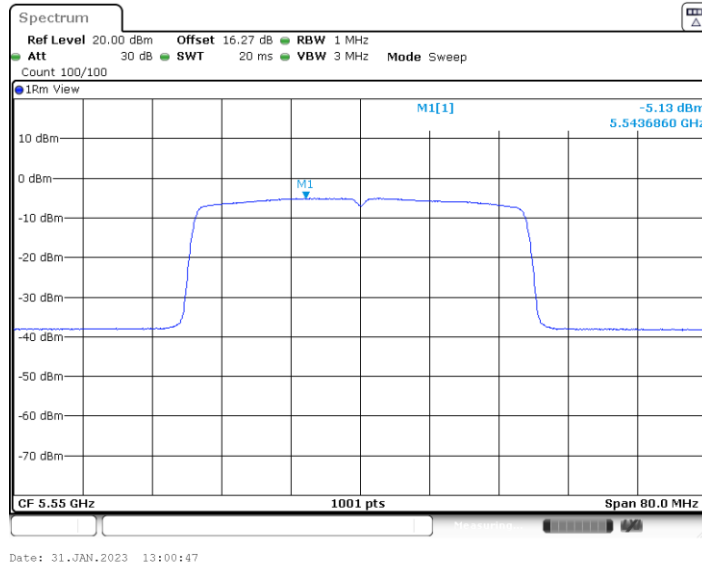


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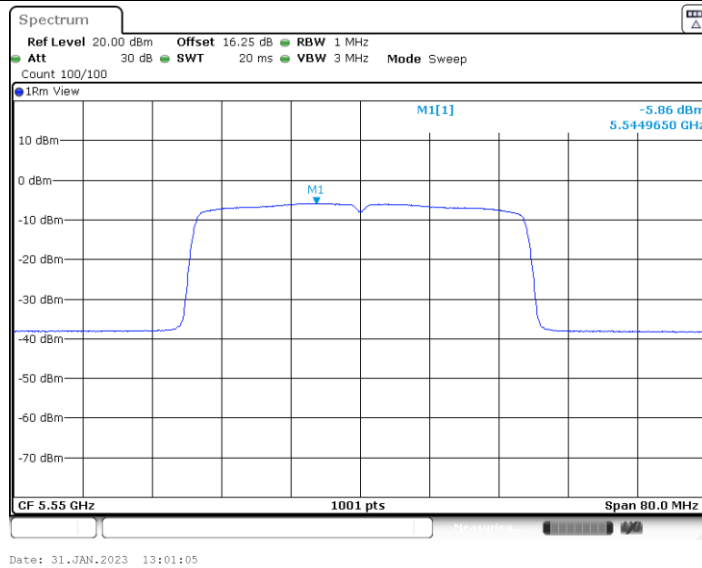




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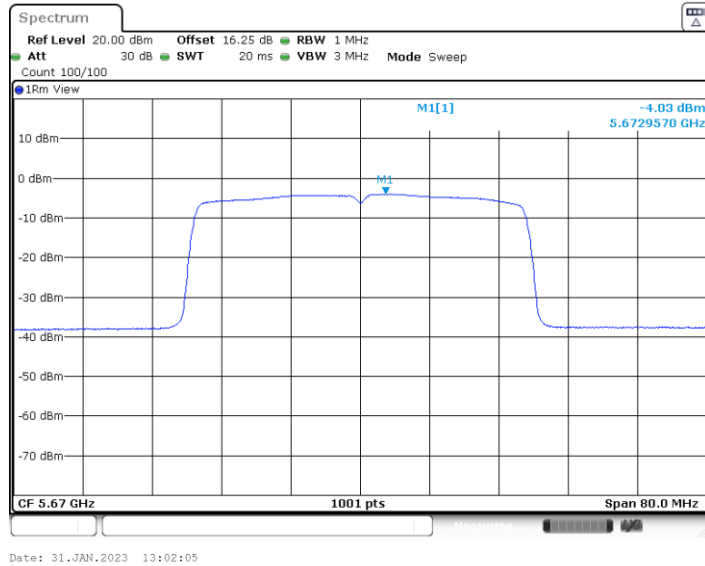


11AX40MIMO_Ant1_5550

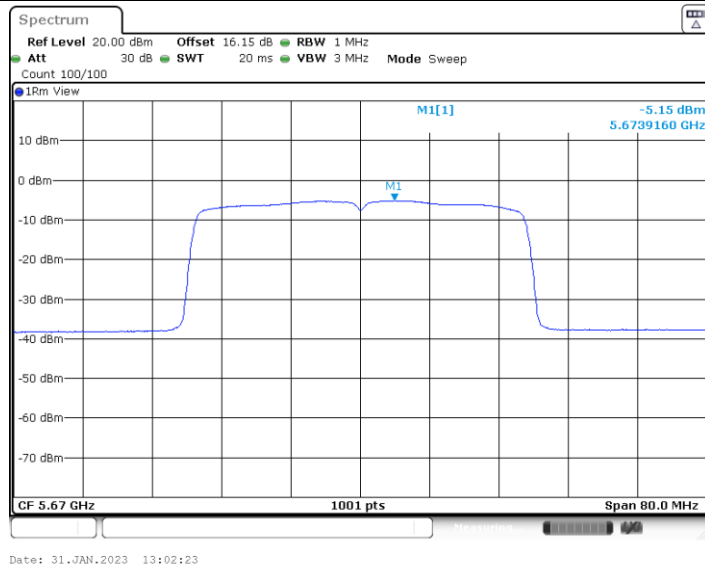


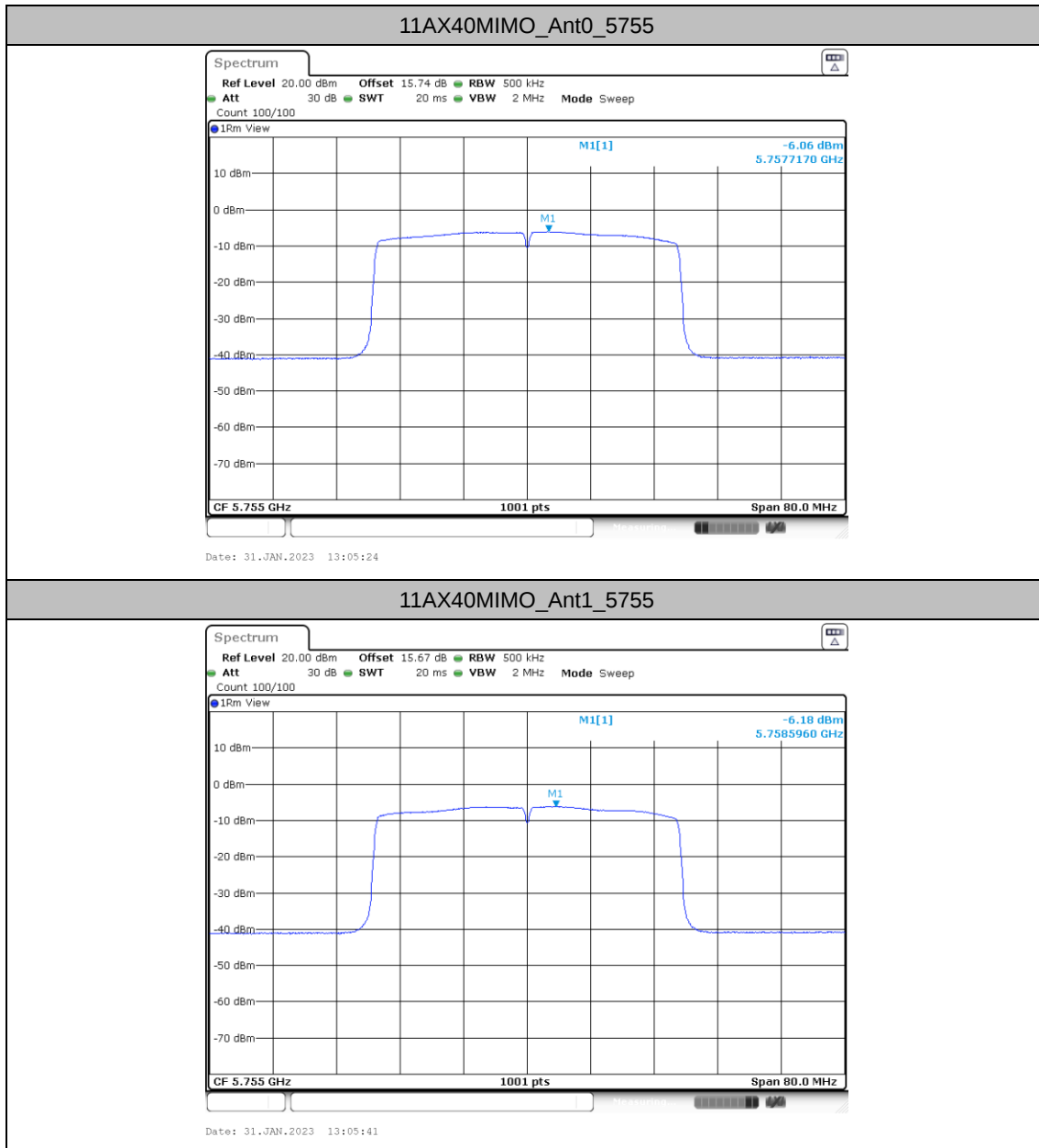


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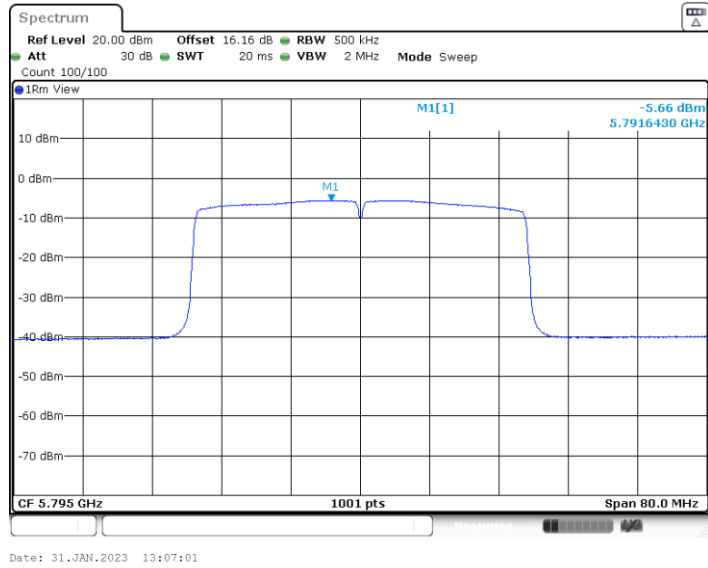
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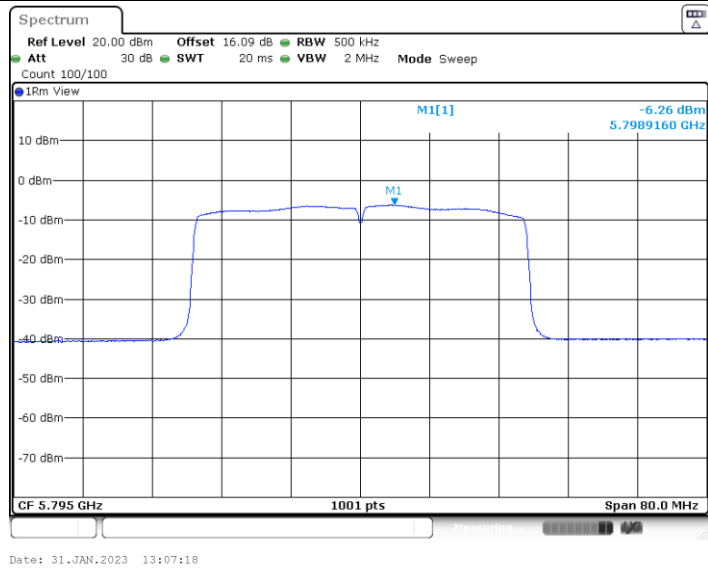




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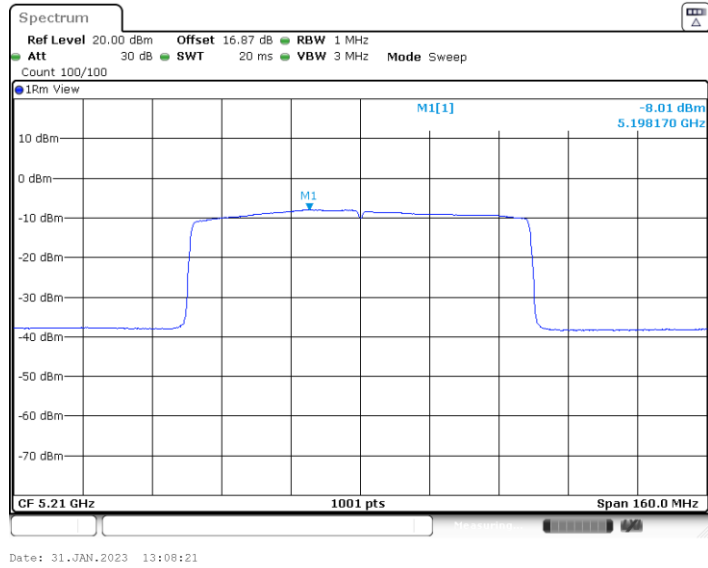


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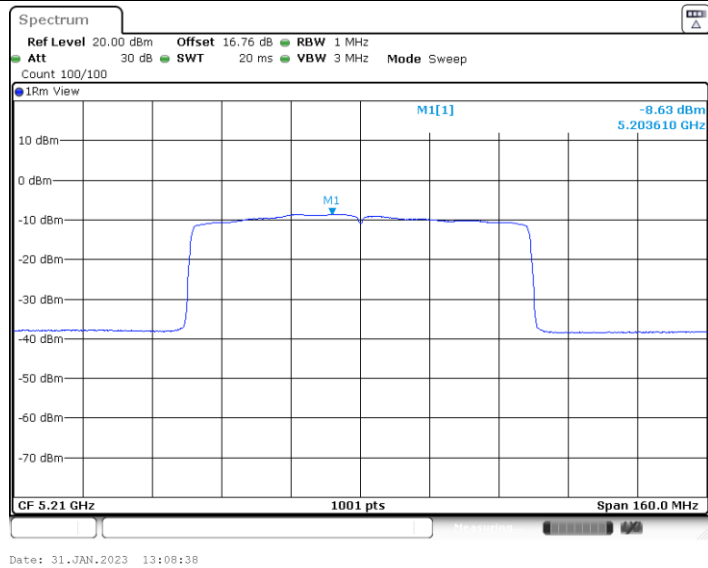




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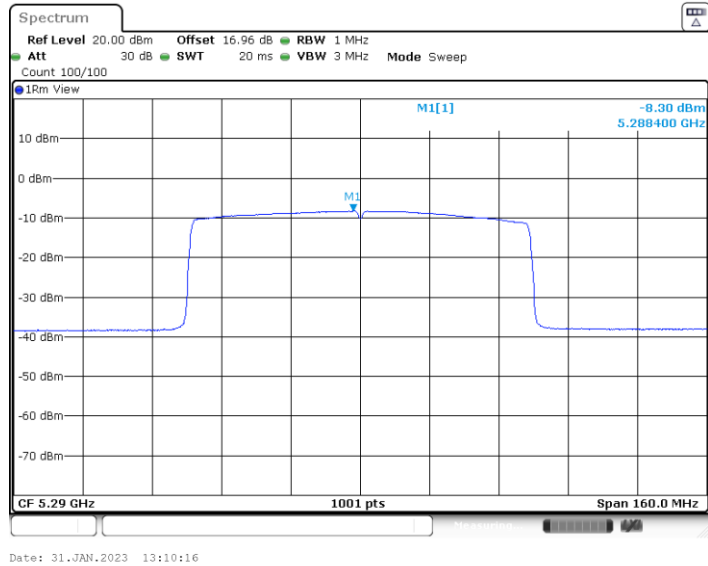


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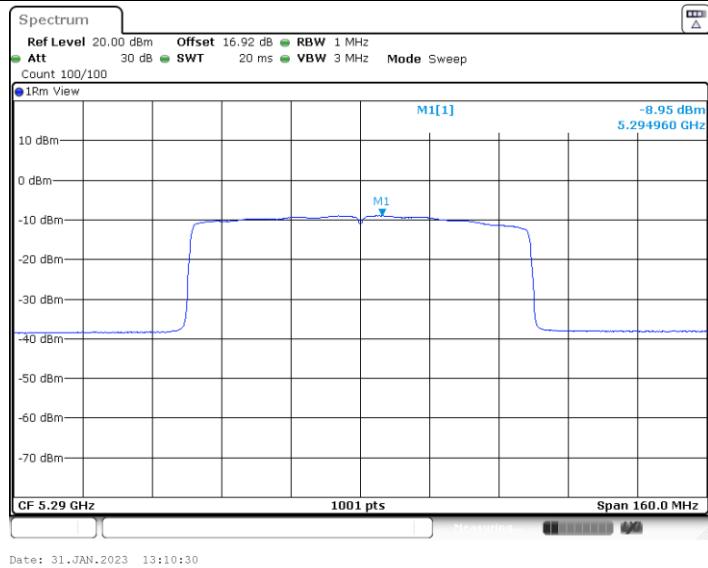




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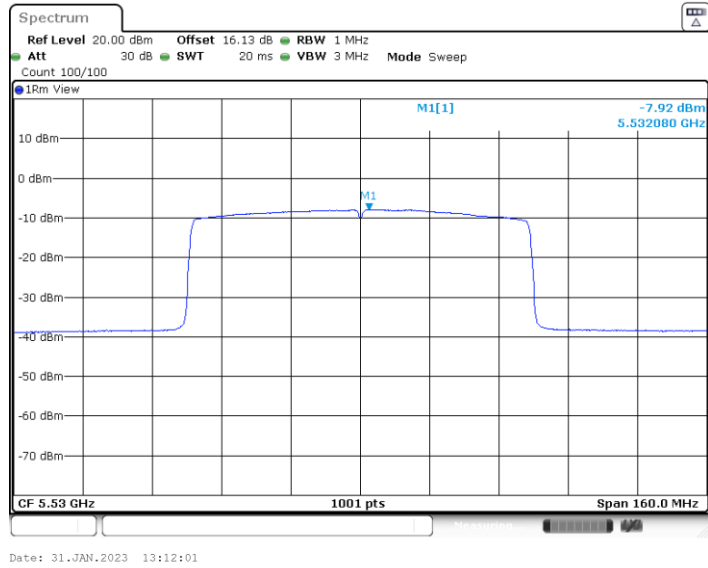


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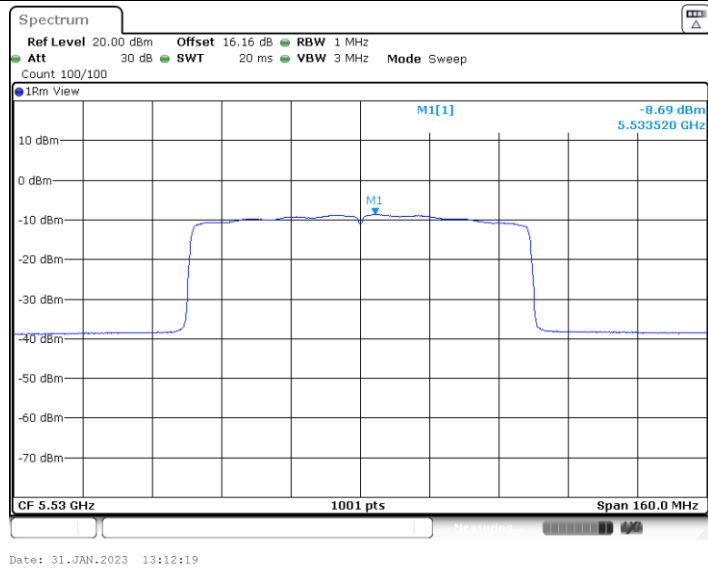


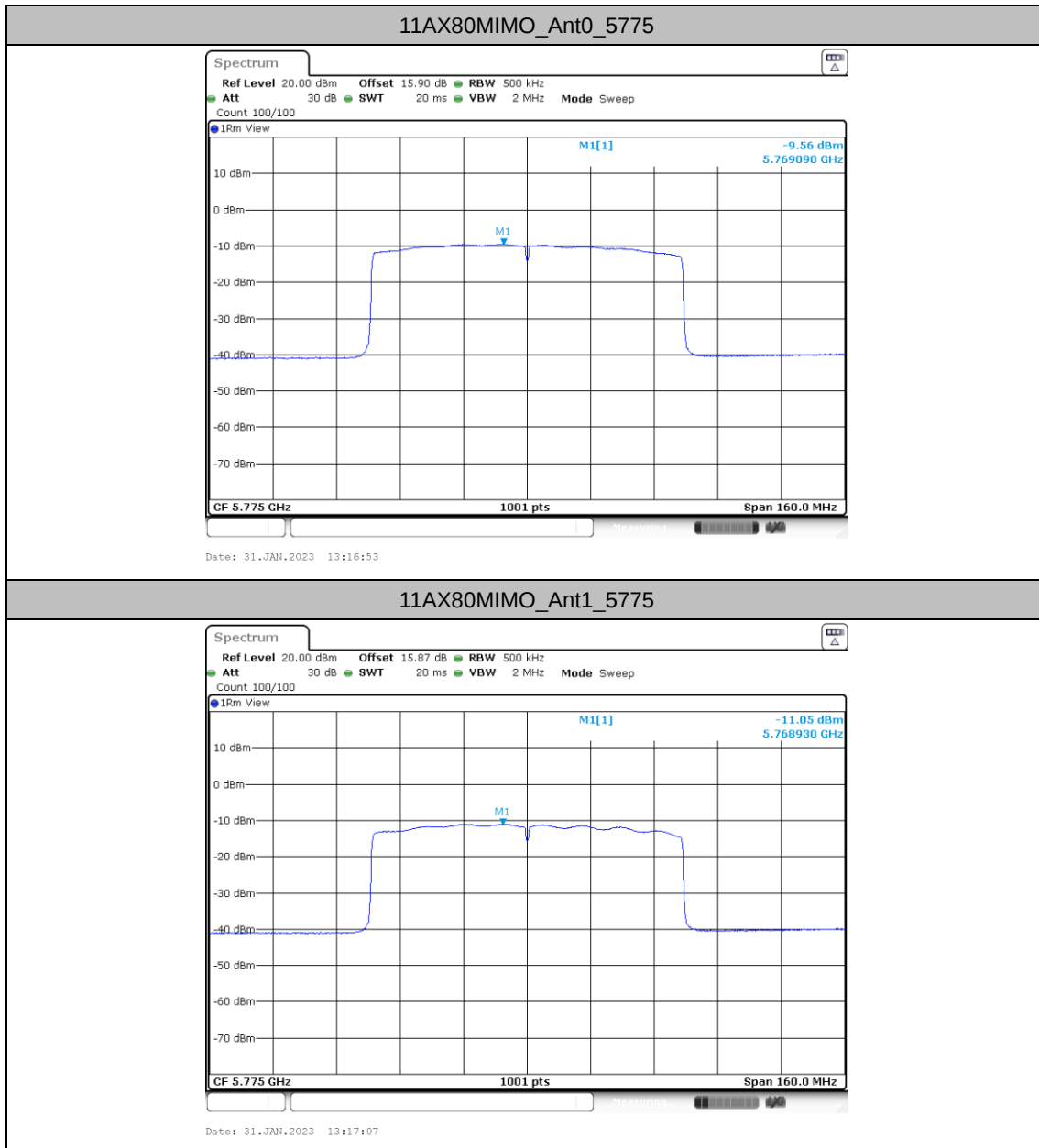


11AX80MIMO_Ant0_5530



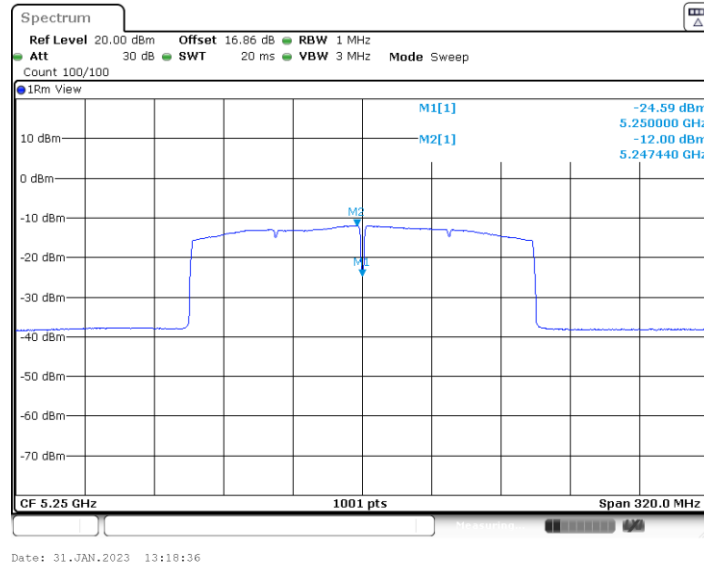
11AX80MIMO_Ant1_5530



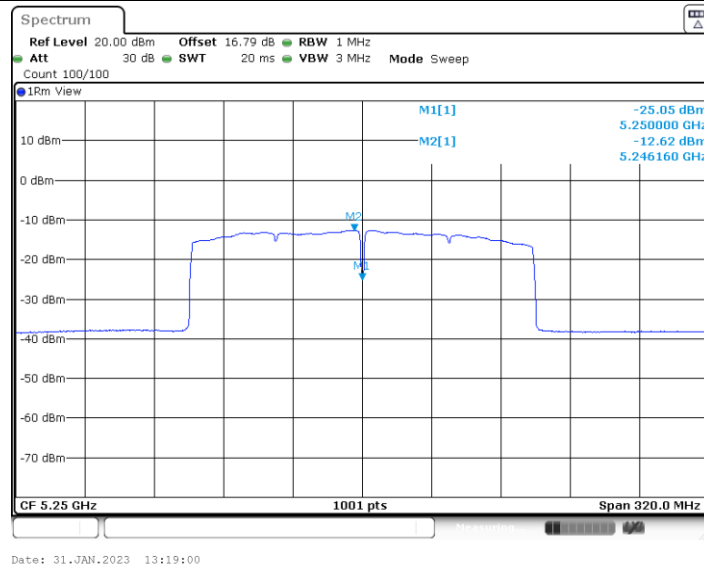




11AX160MIMO_Ant0_5250_UNII-1

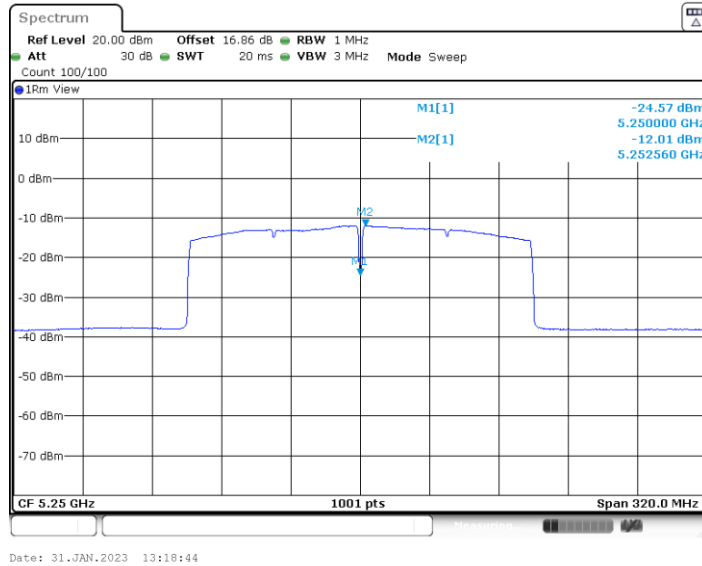


11AX160MIMO_Ant1_5250_UNII-1

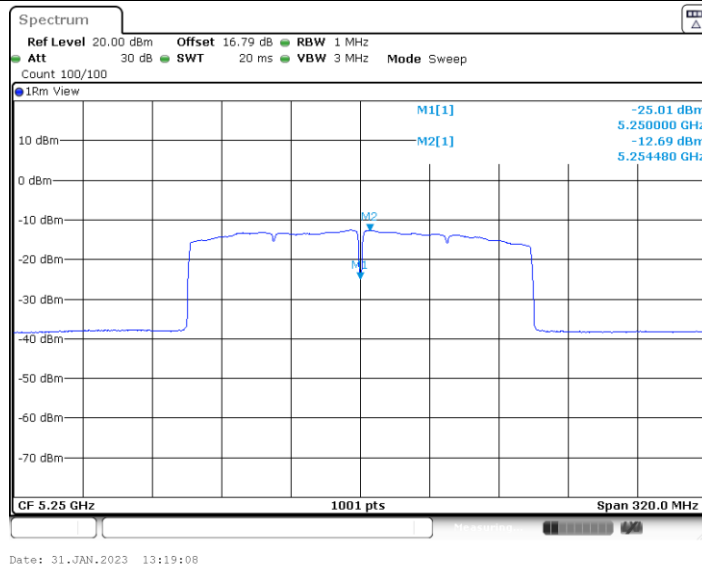




11AX160MIMO_Ant0_5250_UNII-2A



11AX160MIMO_Ant1_5250_UNII-2A





< Power Spectral Density for 802.11ax HE20 partial RU>

Maximum power spectral density

Test Result

Test Mode	Antenna	Freq(MHz)	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20MIMO	Ant0	5180	26Tone	RU0	-3.42	≤11.00	PASS
			52Tone	RU37	-3.32	≤11.00	PASS
			106Tone	RU53	-2.94	≤11.00	PASS
	Ant1	5180	26Tone	RU0	-3.55	≤11.00	PASS
			52Tone	RU37	-3.25	≤11.00	PASS
			106Tone	RU53	-3	≤11.00	PASS
	total	5180	26Tone	RU0	-0.47	≤11.00	PASS
			52Tone	RU37	-0.27	≤11.00	PASS
			106Tone	RU53	0.04	≤11.00	PASS
	Ant0	5220	26Tone	RU0	-2.75	≤11.00	PASS
			52Tone	RU37	-2.67	≤11.00	PASS
			106Tone	RU53	-2.7	≤11.00	PASS
	Ant1	5220	26Tone	RU0	-2.96	≤11.00	PASS
			52Tone	RU37	-2.77	≤11.00	PASS
			106Tone	RU53	-2.69	≤11.00	PASS
	total	5220	26Tone	RU0	0.16	≤11.00	PASS
			52Tone	RU37	0.29	≤11.00	PASS
			106Tone	RU53	0.32	≤11.00	PASS
	Ant0	5240	26Tone	RU8	-2.11	≤11.00	PASS
			52Tone	RU40	-2.01	≤11.00	PASS
			106Tone	RU54	-1.94	≤11.00	PASS
	Ant1	5240	26Tone	RU8	-2.58	≤11.00	PASS
			52Tone	RU40	-2.32	≤11.00	PASS
			106Tone	RU54	-2.18	≤11.00	PASS
	total	5240	26Tone	RU8	0.67	≤11.00	PASS
			52Tone	RU40	0.85	≤11.00	PASS
			106Tone	RU54	0.95	≤11.00	PASS
	Ant0	5260	26Tone	RU0	-2.78	≤11.00	PASS
			52Tone	RU37	-2.59	≤11.00	PASS
			106Tone	RU53	-3.03	≤11.00	PASS
	Ant1	5260	26Tone	RU0	-2.64	≤11.00	PASS
			52Tone	RU37	-2.57	≤11.00	PASS
			106Tone	RU53	-2.85	≤11.00	PASS
	total	5260	26Tone	RU0	0.30	≤11.00	PASS
			52Tone	RU37	0.43	≤11.00	PASS



	Ant0	5300	106Tone	RU53	0.07	≤11.00	PASS
			26Tone	RU0	-2.88	≤11.00	PASS
			52Tone	RU37	-2.56	≤11.00	PASS
			106Tone	RU53	-2.46	≤11.00	PASS
	Ant1	5300	26Tone	RU0	-3.03	≤11.00	PASS
			52Tone	RU37	-2.85	≤11.00	PASS
			106Tone	RU53	-2.66	≤11.00	PASS
	total	5300	26Tone	RU0	0.06	≤11.00	PASS
			52Tone	RU37	0.31	≤11.00	PASS
			106Tone	RU53	0.45	≤11.00	PASS
	Ant0	5320	26Tone	RU8	-3.41	≤11.00	PASS
			52Tone	RU40	-3.33	≤11.00	PASS
			106Tone	RU54	-3.18	≤11.00	PASS
	Ant1	5320	26Tone	RU8	-3.78	≤11.00	PASS
			52Tone	RU40	-3.71	≤11.00	PASS
			106Tone	RU54	-3.53	≤11.00	PASS
	total	5320	26Tone	RU8	-0.58	≤11.00	PASS
			52Tone	RU40	-0.51	≤11.00	PASS
			106Tone	RU54	-0.34	≤11.00	PASS
	Ant0	5500	26Tone	RU0	-2.15	≤11.00	PASS
			52Tone	RU37	-1.96	≤11.00	PASS
			106Tone	RU53	-1.82	≤11.00	PASS
	Ant1	5500	26Tone	RU0	-3	≤11.00	PASS
			52Tone	RU37	-2.63	≤11.00	PASS
			106Tone	RU53	-2.44	≤11.00	PASS
	total	5500	26Tone	RU0	0.46	≤11.00	PASS
			52Tone	RU37	0.73	≤11.00	PASS
			106Tone	RU53	0.89	≤11.00	PASS
	Ant0	5580	26Tone	RU0	-2.11	≤11.00	PASS
			52Tone	RU37	-1.63	≤11.00	PASS
			106Tone	RU53	-1.52	≤11.00	PASS
	Ant1	5580	26Tone	RU0	-2.25	≤11.00	PASS
			52Tone	RU37	-1.91	≤11.00	PASS
			106Tone	RU53	-1.66	≤11.00	PASS
	total	5580	26Tone	RU0	0.83	≤11.00	PASS
			52Tone	RU37	1.24	≤11.00	PASS
			106Tone	RU53	1.42	≤11.00	PASS
	Ant0	5700	26Tone	RU8	-1.53	≤11.00	PASS
			52Tone	RU40	-1.34	≤11.00	PASS
			106Tone	RU54	-1.21	≤11.00	PASS
	Ant1	5700	26Tone	RU8	-2.79	≤11.00	PASS
			52Tone	RU40	-2.2	≤11.00	PASS
			106Tone	RU54	-1.86	≤11.00	PASS



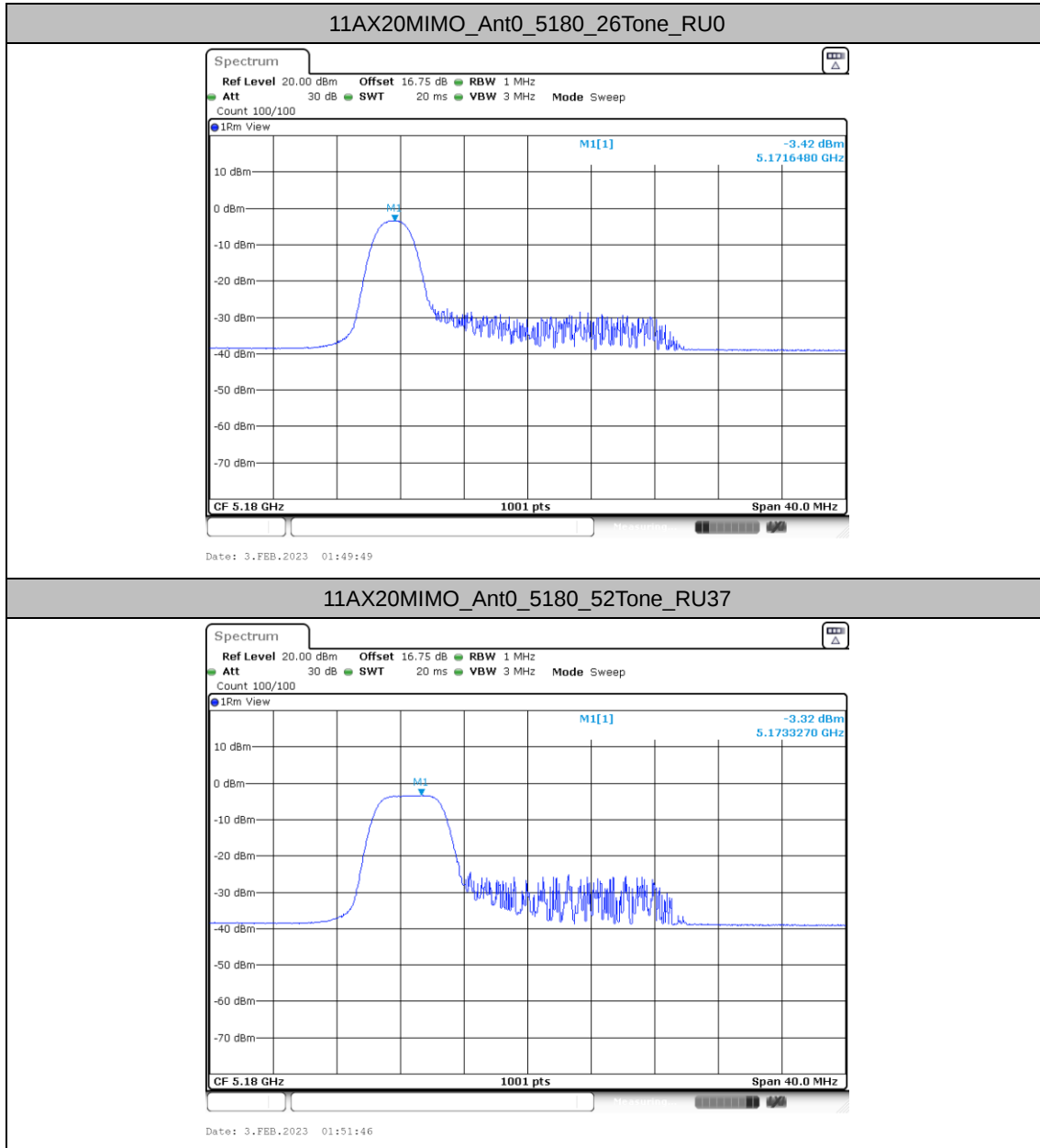
	total	5700	26Tone	RU8	0.90	≤11.00	PASS
			52Tone	RU40	1.26	≤11.00	PASS
			106Tone	RU54	1.49	≤11.00	PASS
	Ant0	5745	26Tone	RU0	-3.94	≤30.00	PASS
			52Tone	RU37	-3.85	≤30.00	PASS
			106Tone	RU53	-3.85	≤30.00	PASS
	Ant1	5745	26Tone	RU0	-5.19	≤30.00	PASS
			52Tone	RU37	-5.15	≤30.00	PASS
			106Tone	RU53	-5.09	≤30.00	PASS
	total	5745	26Tone	RU0	-1.51	≤30.00	PASS
			52Tone	RU37	-1.44	≤30.00	PASS
			106Tone	RU53	-1.42	≤30.00	PASS
	Ant0	5785	26Tone	RU0	-3.71	≤30.00	PASS
			52Tone	RU37	-3.61	≤30.00	PASS
			106Tone	RU53	-3.45	≤30.00	PASS
	Ant1	5785	26Tone	RU0	-4.81	≤30.00	PASS
			52Tone	RU37	-4.76	≤30.00	PASS
			106Tone	RU53	-4.7	≤30.00	PASS
	total	5785	26Tone	RU0	-1.21	≤30.00	PASS
			52Tone	RU37	-1.14	≤30.00	PASS
			106Tone	RU53	-1.02	≤30.00	PASS
	Ant0	5825	26Tone	RU8	-3.86	≤30.00	PASS
			52Tone	RU40	-3.61	≤30.00	PASS
			106Tone	RU54	-3.37	≤30.00	PASS
	Ant1	5825	26Tone	RU8	-5.89	≤30.00	PASS
			52Tone	RU40	-5.58	≤30.00	PASS
			106Tone	RU54	-4.88	≤30.00	PASS
	total	5825	26Tone	RU8	-1.75	≤30.00	PASS
			52Tone	RU40	-1.47	≤30.00	PASS
			106Tone	RU54	-1.05	≤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.

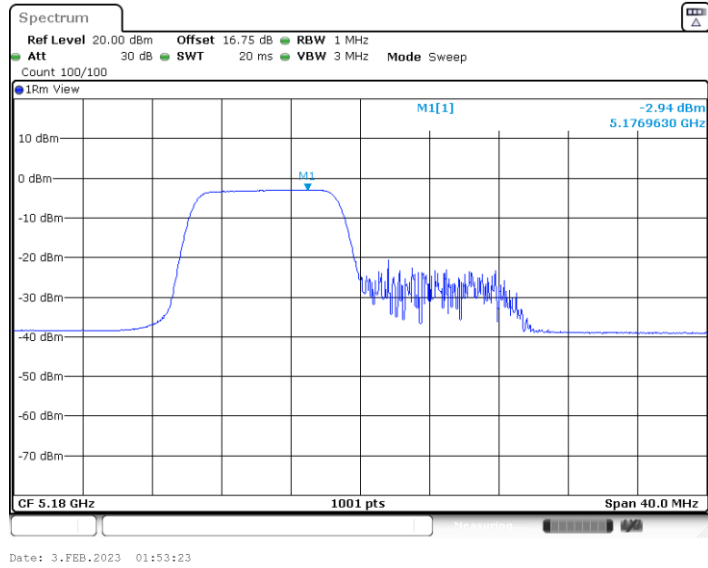


Test Graphs

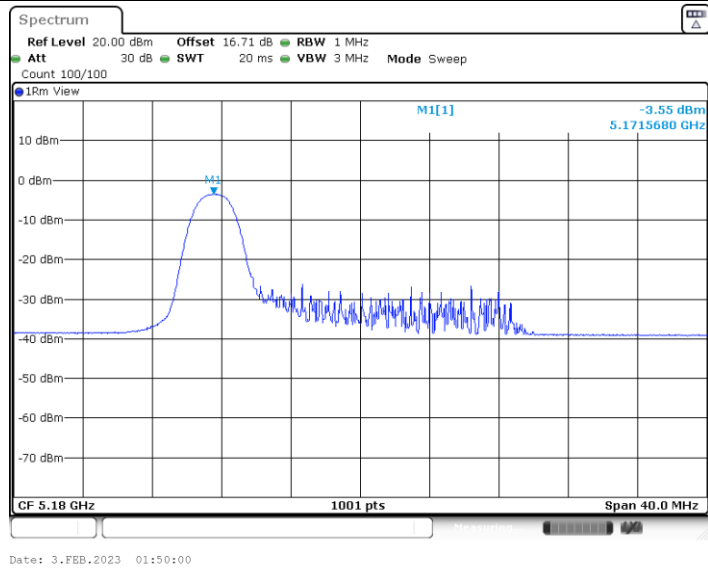




11AX20MIMO_Ant0_5180_106Tone_RU53

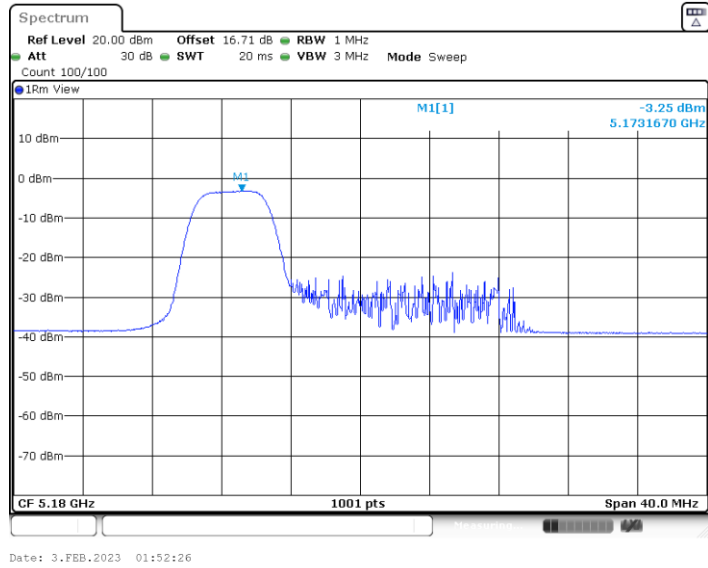


11AX20MIMO_Ant1_5180_26Tone_RU0

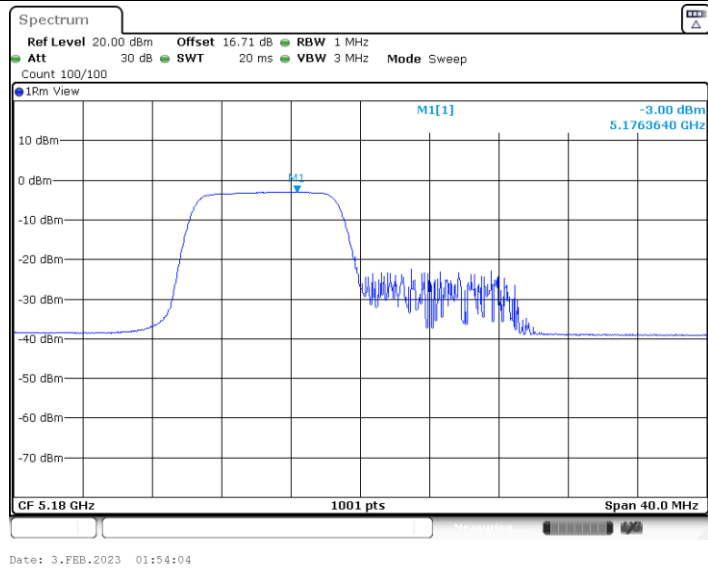




11AX20MIMO_Ant1_5180_52Tone_RU37

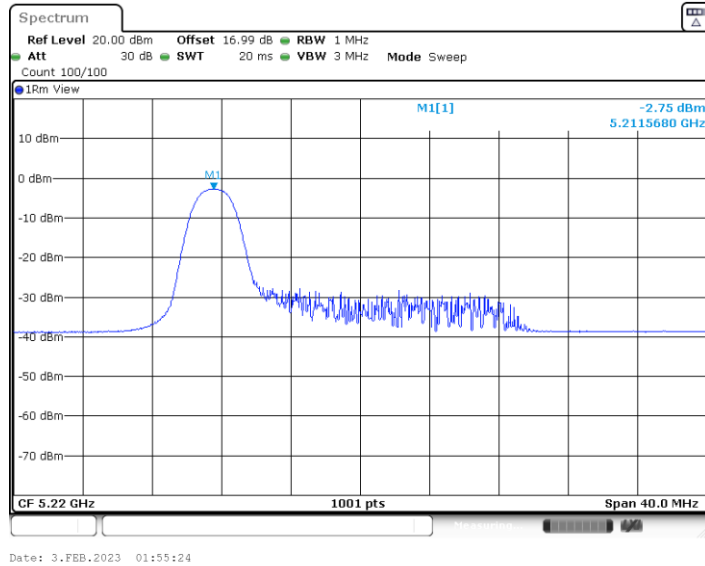


11AX20MIMO_Ant1_5180_106Tone_RU53

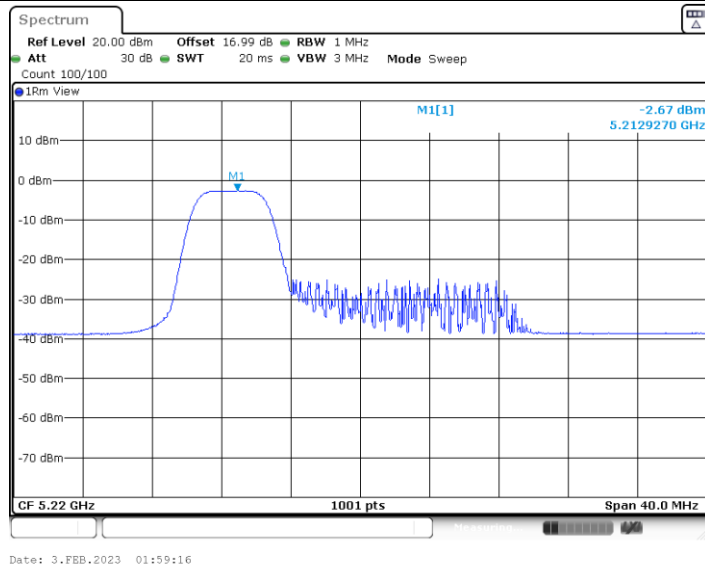




11AX20MIMO_Ant0_5220_26Tone_RU0

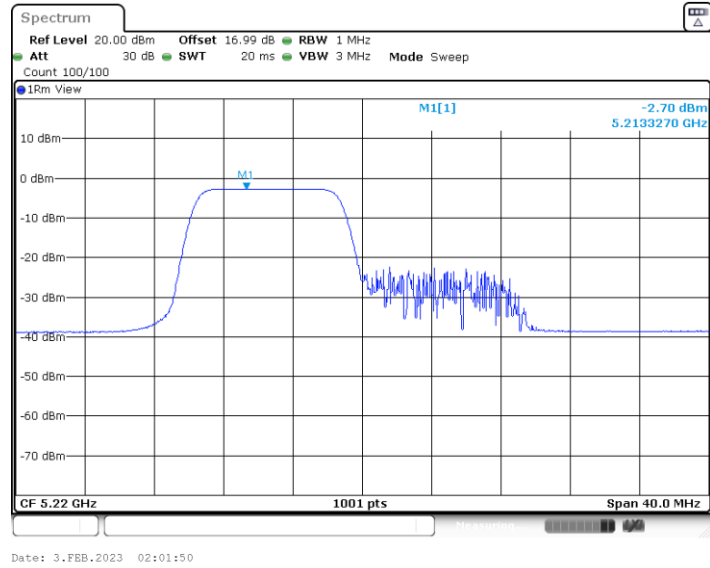


11AX20MIMO_Ant0_5220_52Tone_RU37

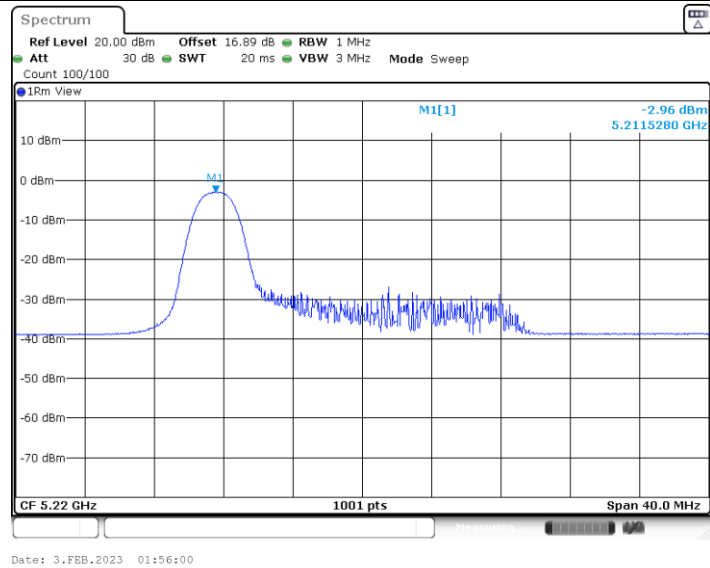




11AX20MIMO_Ant0_5220_106Tone_RU53

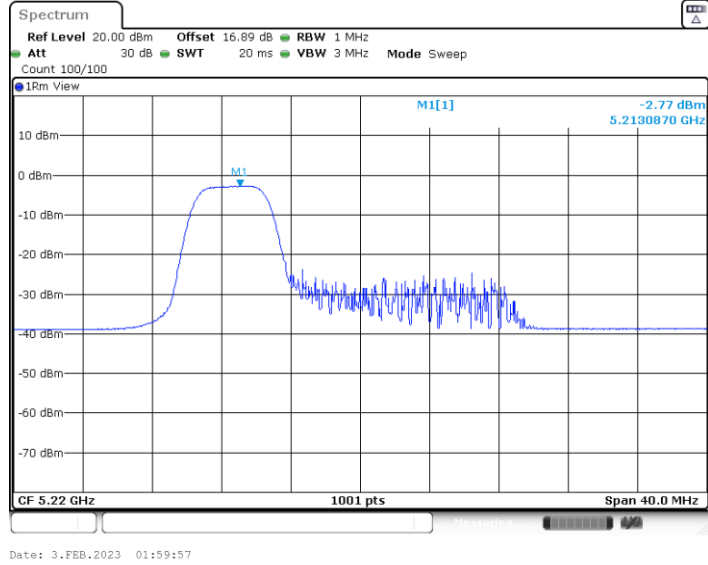


11AX20MIMO_Ant1_5220_26Tone_RU0

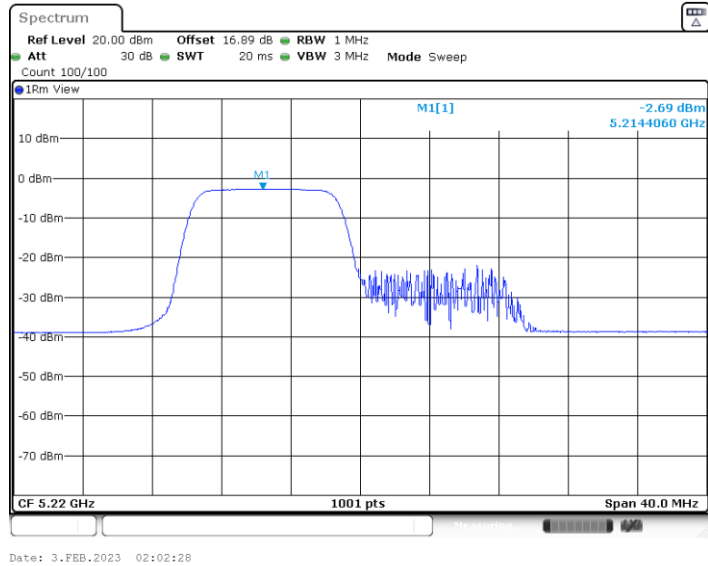




11AX20MIMO_Ant1_5220_52Tone_RU37

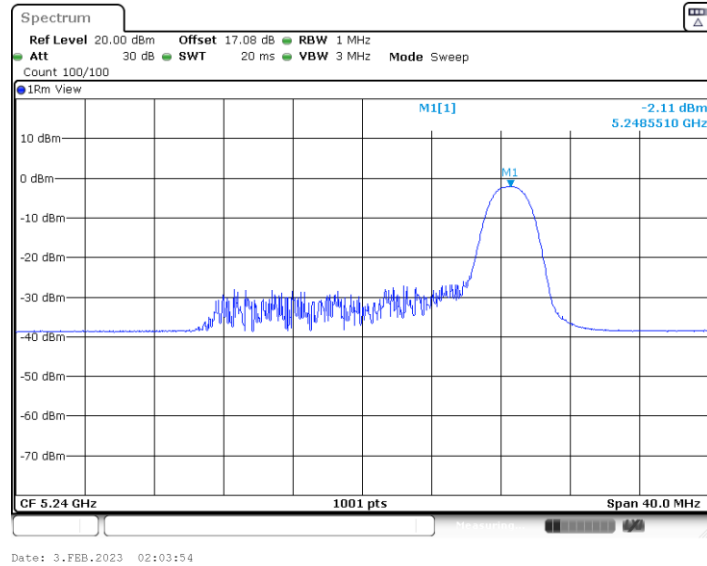


11AX20MIMO_Ant1_5220_106Tone_RU53

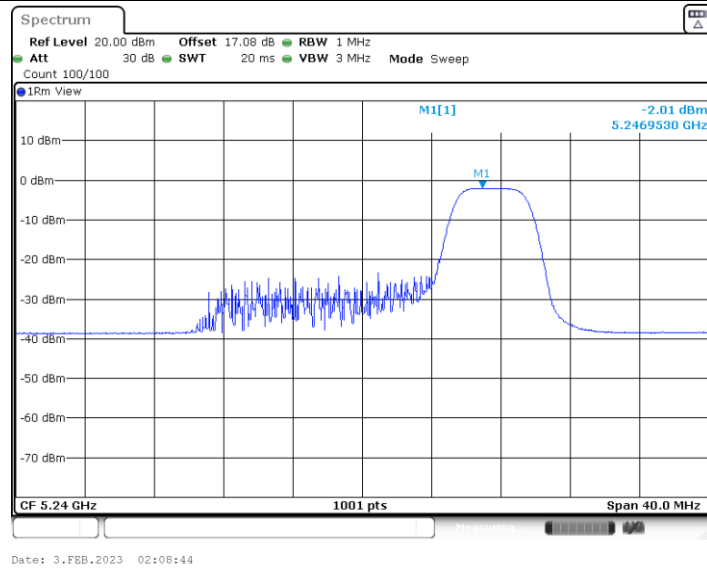




11AX20MIMO_Ant0_5240_26Tone_RU8

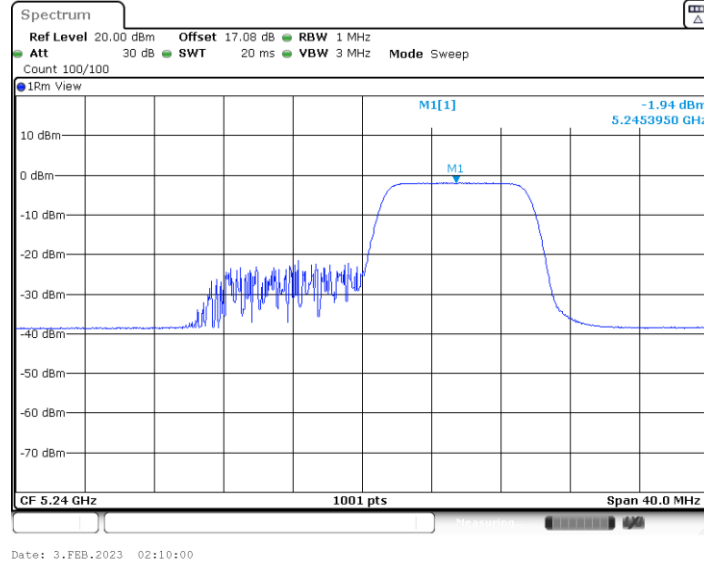


11AX20MIMO_Ant0_5240_52Tone_RU40

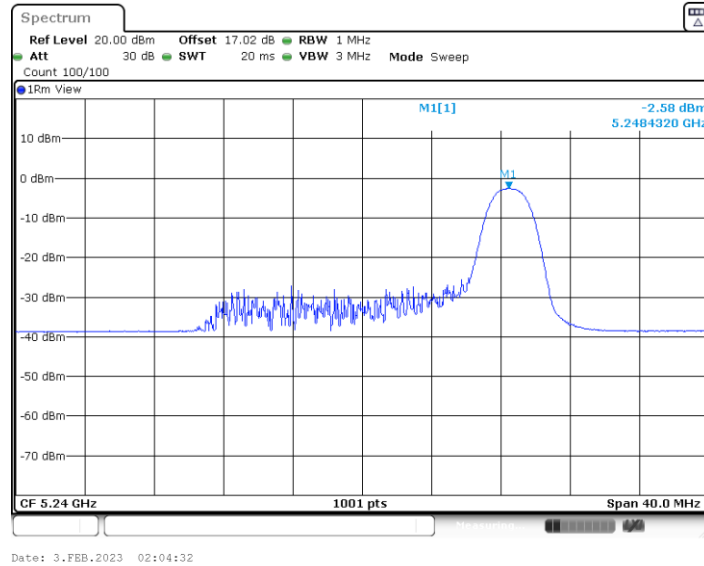




11AX20MIMO_Ant0_5240_106Tone_RU54

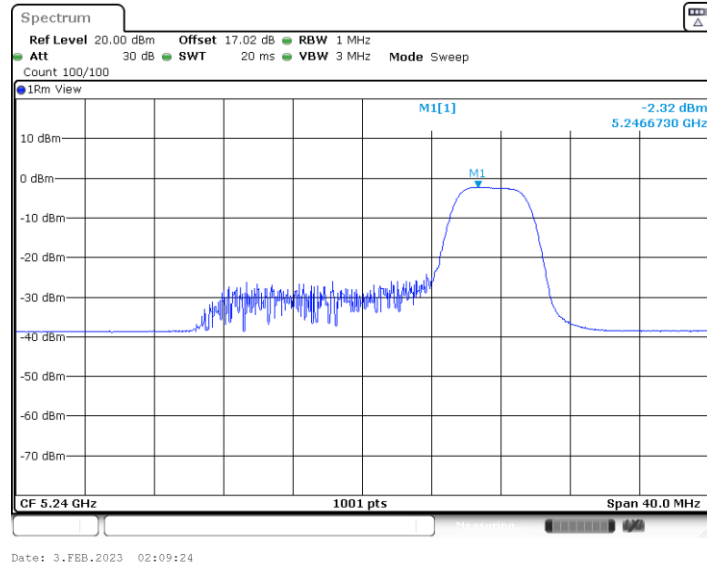


11AX20MIMO_Ant1_5240_26Tone_RU8





11AX20MIMO_Ant1_5240_52Tone_RU40



11AX20MIMO_Ant1_5240_106Tone_RU54

