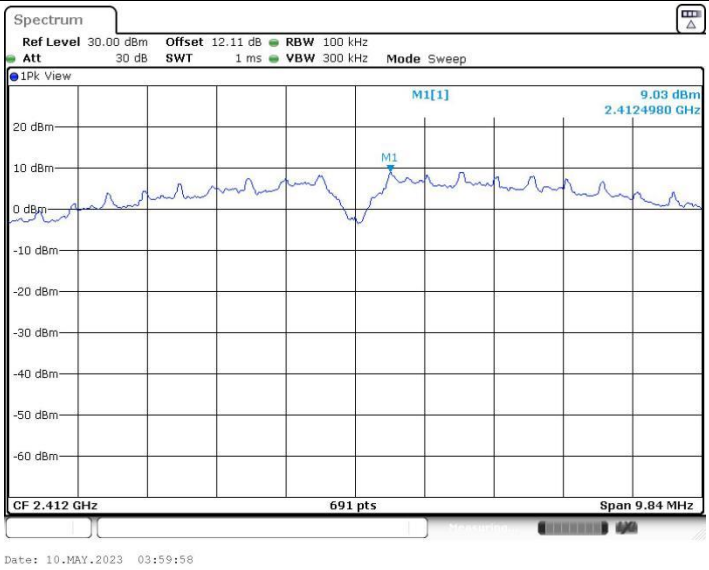
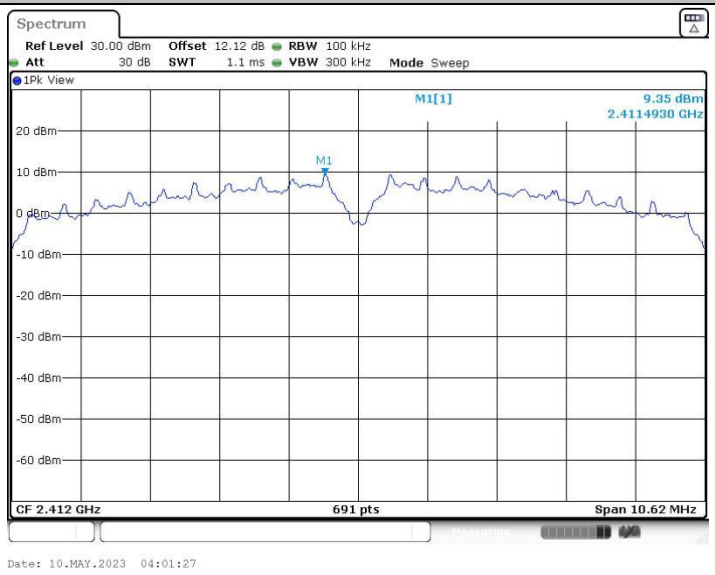
Test Graphs

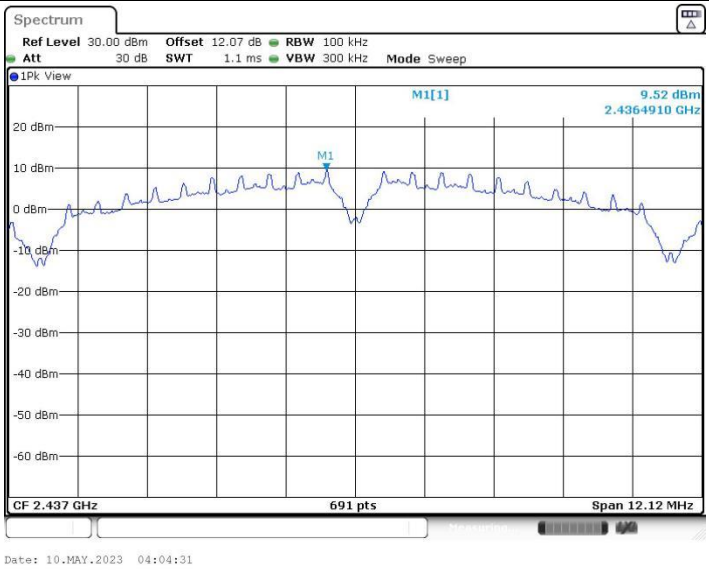
11B-CDD_Ant17_2412



11B-CDD_Ant6_2412



11B-CDD_Ant17_2437



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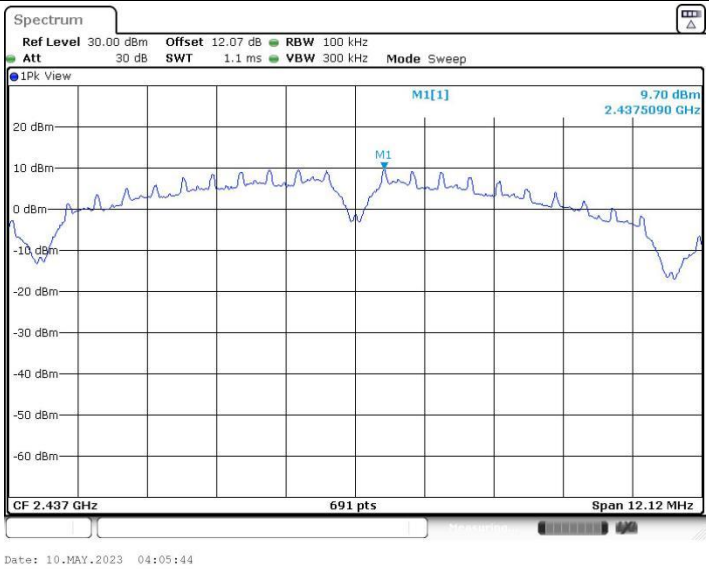
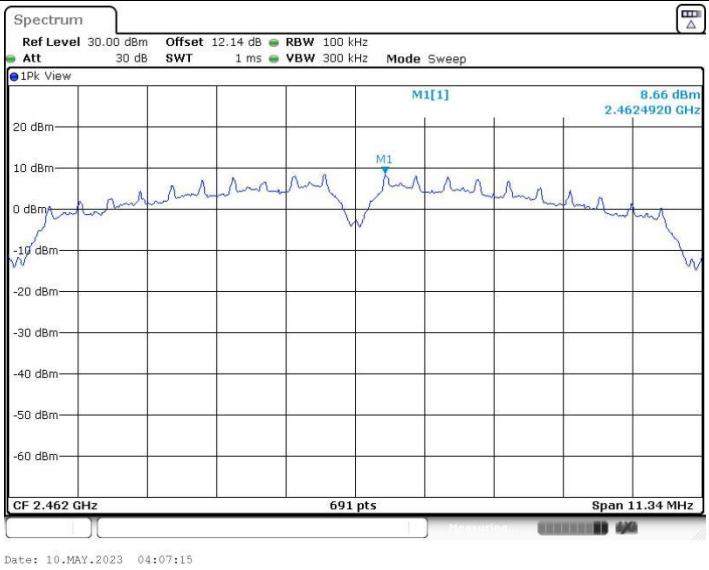


11B-CDD_Ant17_2462



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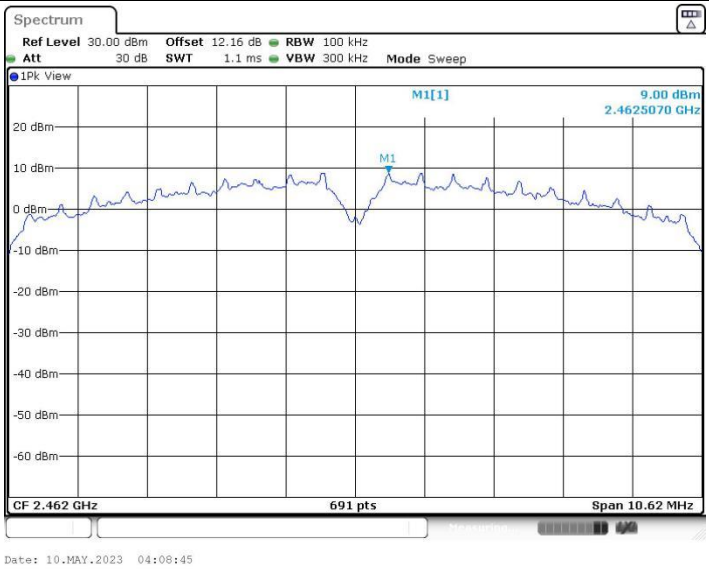

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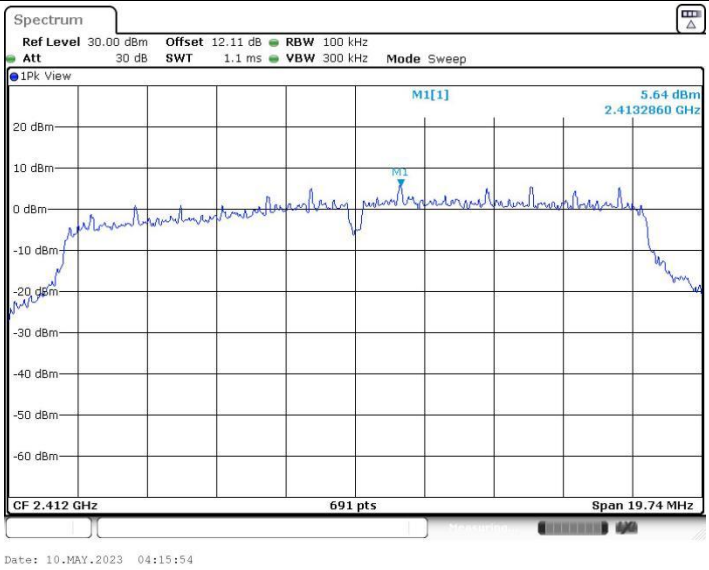

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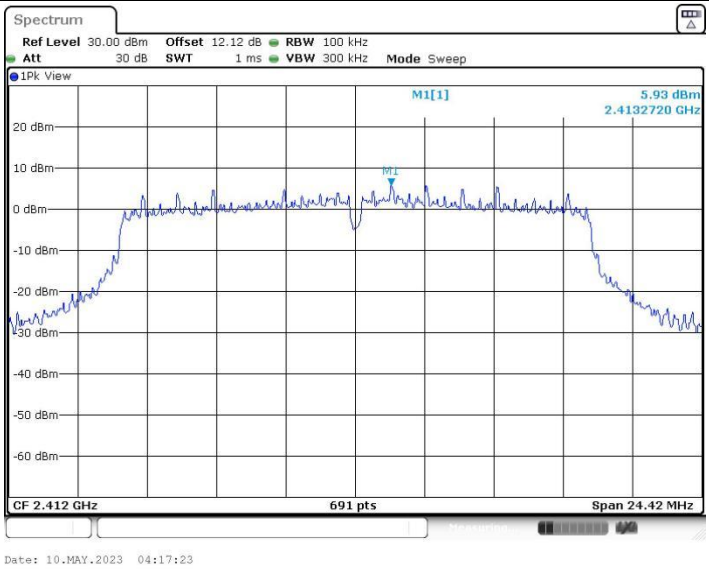

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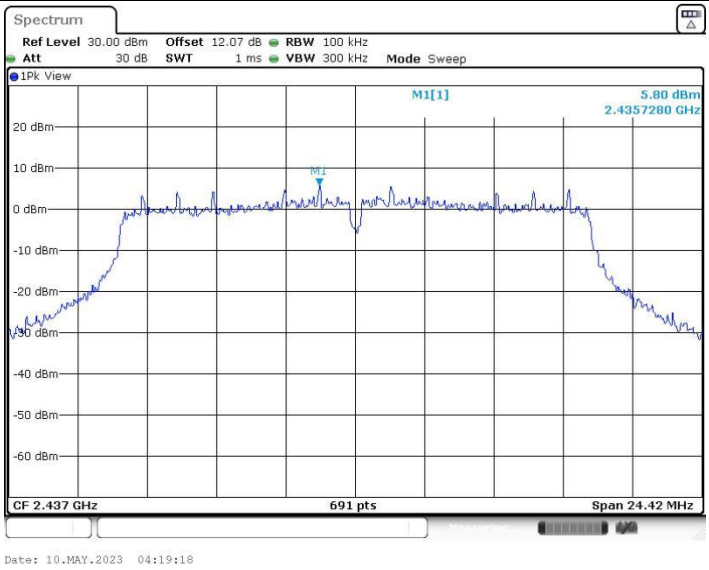

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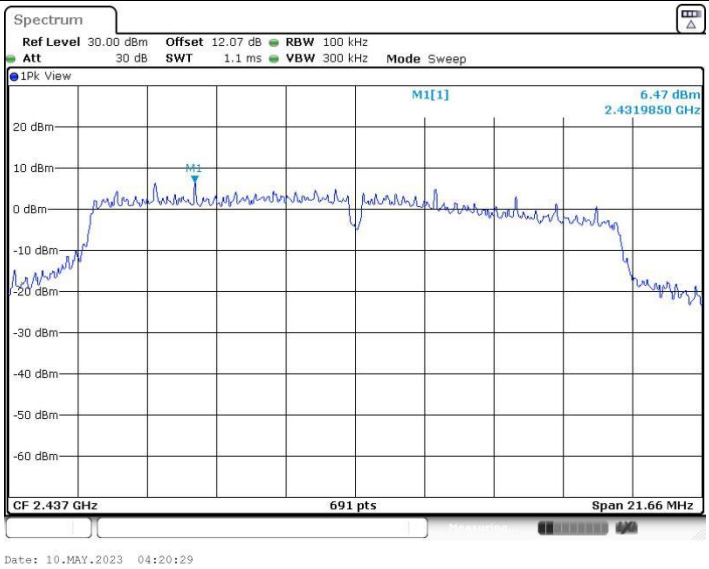

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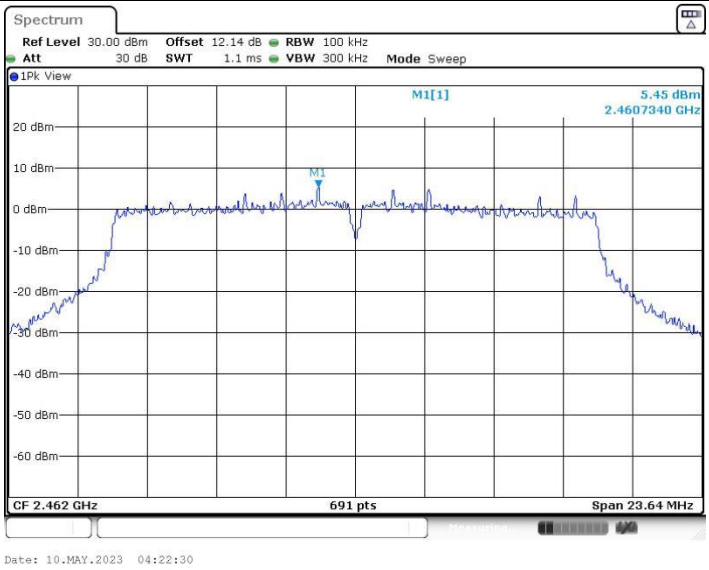

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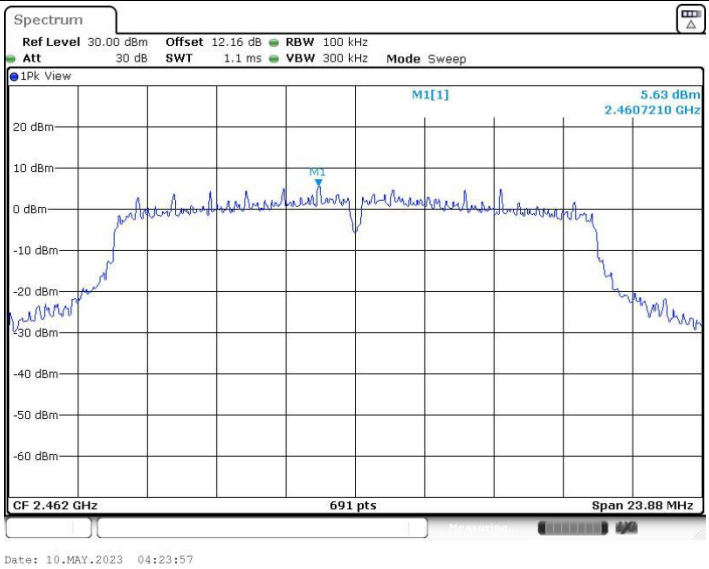
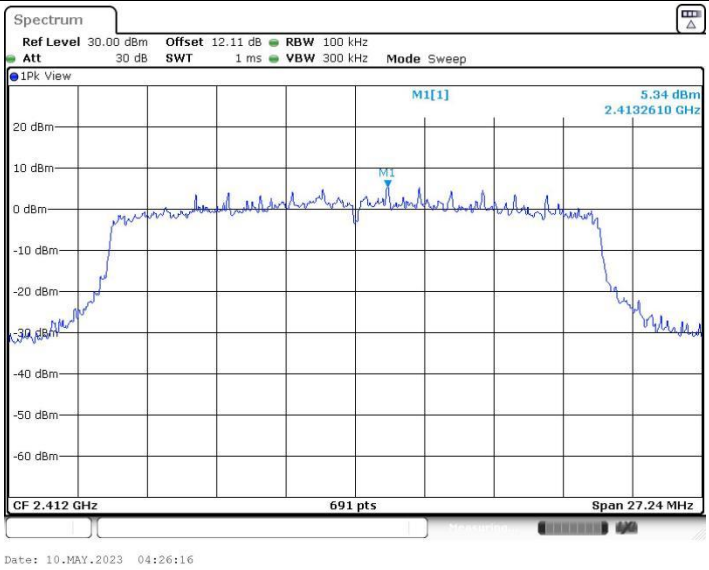


11AX20MIMO_Ant17_2412



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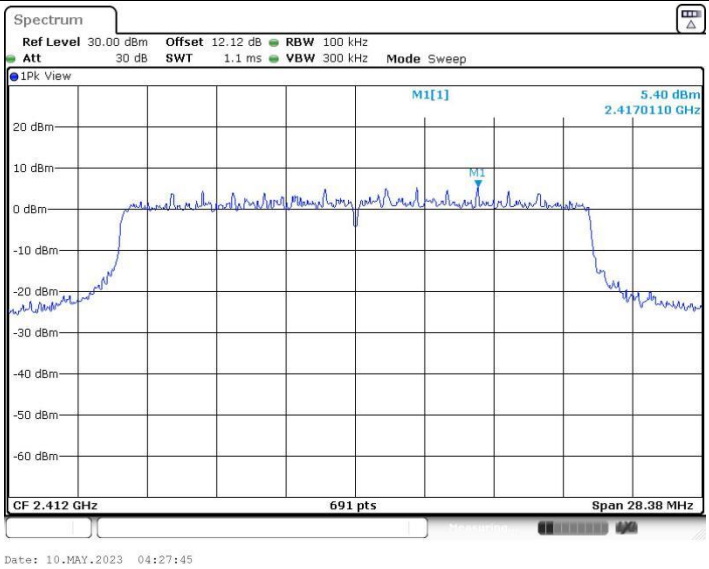

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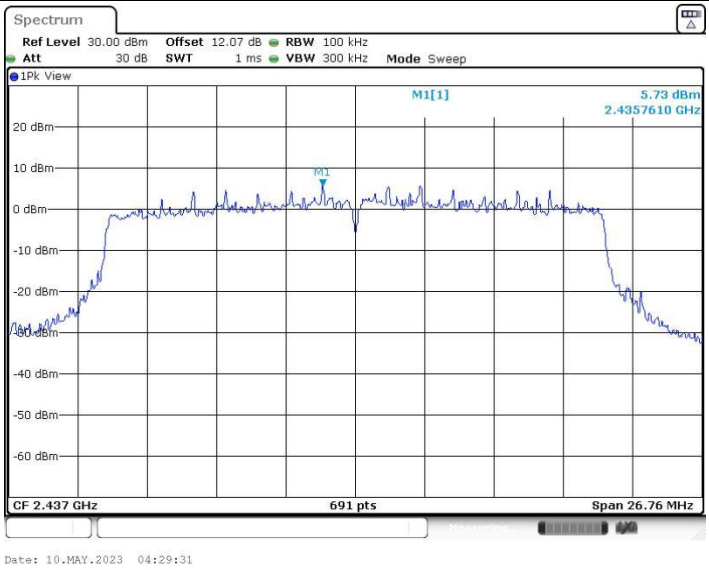

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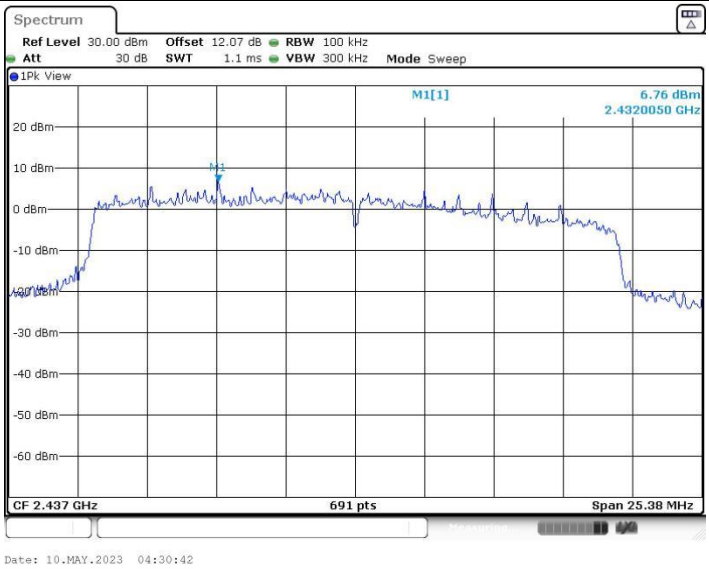

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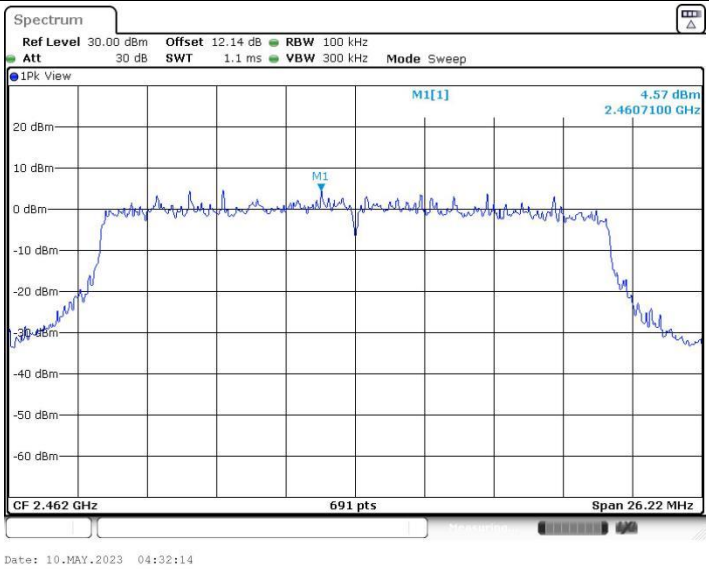

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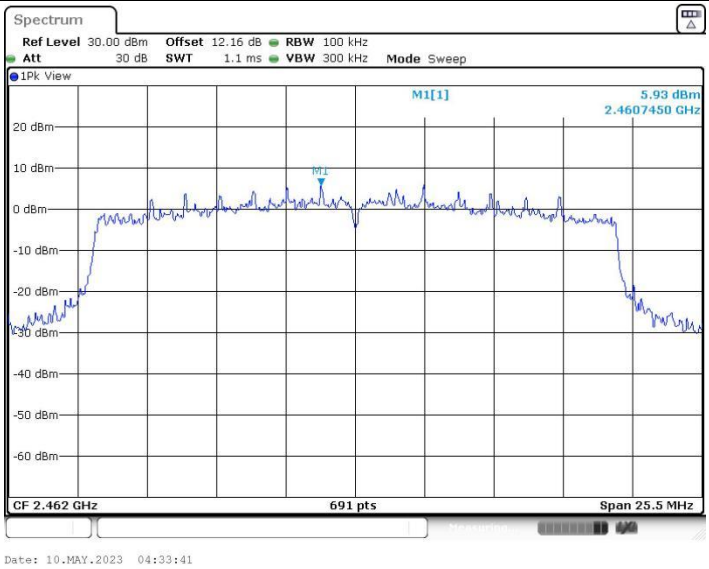


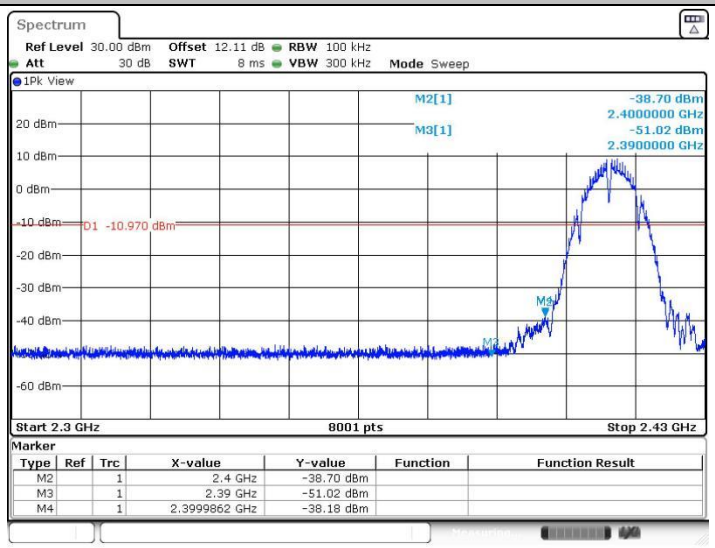
Band edge measurements

Test Result

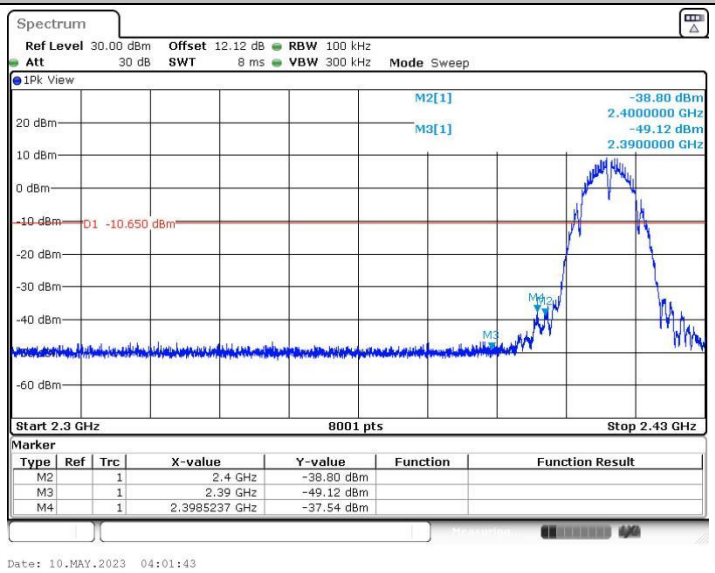
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
11B-CDD	Ant17	Low	2412	9.03	-38.18	≤-10.97	PASS
	Ant6	Low	2412	9.35	-37.54	≤-10.65	PASS
	Ant17	High	2462	8.66	-46.4	≤-11.34	PASS
	Ant6	High	2462	9.00	-46.44	≤-11	PASS
11G-CDD	Ant17	Low	2412	5.64	-28.42	≤-14.36	PASS
	Ant6	Low	2412	5.93	-26.61	≤-14.07	PASS
	Ant17	High	2462	5.45	-41.92	≤-14.55	PASS
	Ant6	High	2462	5.63	-39.16	≤-14.37	PASS
11AX20MIMO	Ant17	Low	2412	5.34	-28.34	≤-14.66	PASS
	Ant6	Low	2412	5.40	-20.69	≤-14.6	PASS
	Ant17	High	2462	4.57	-39.04	≤-15.43	PASS
	Ant6	High	2462	5.93	-37.25	≤-14.07	PASS

Test Graphs

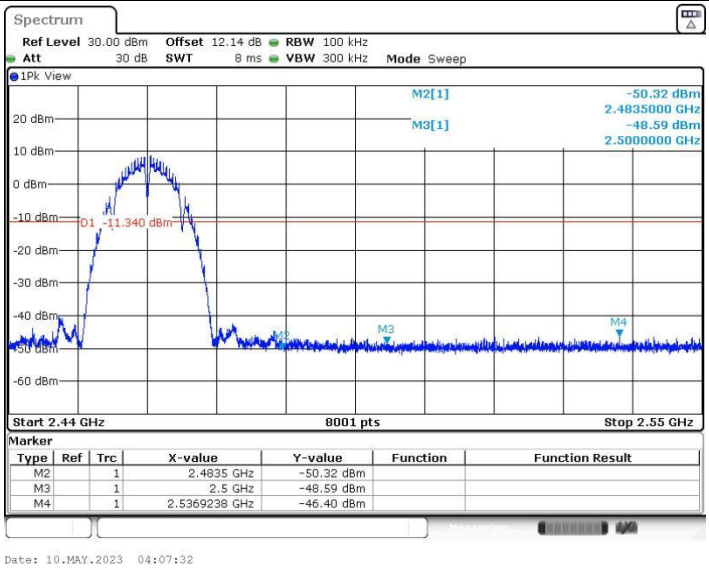
11B-CDD_Ant17_Low_2412



11B-CDD_Ant6_Low_2412



11B-CDD_Ant17_High_2462



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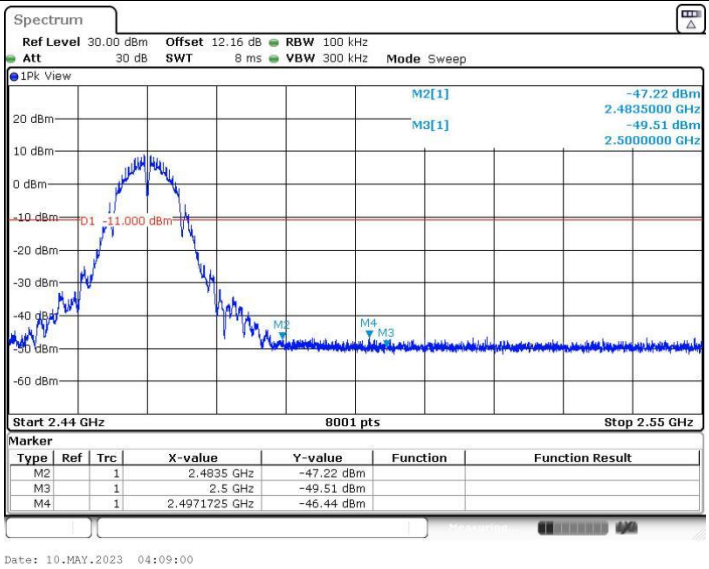

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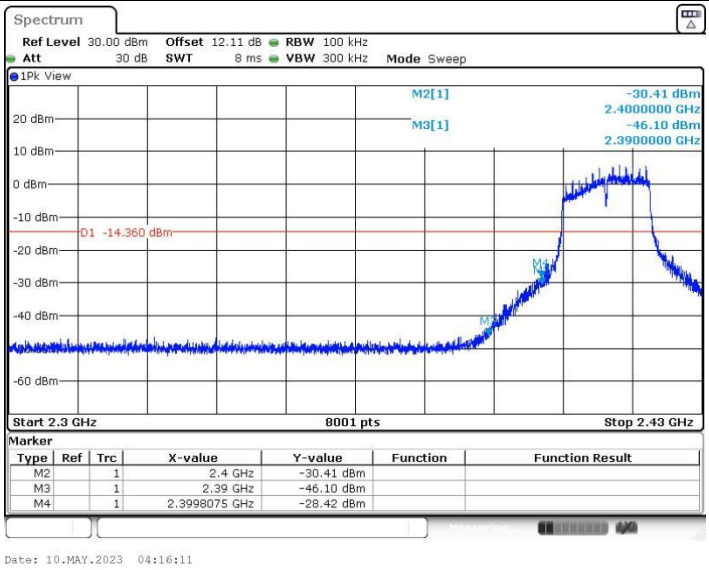

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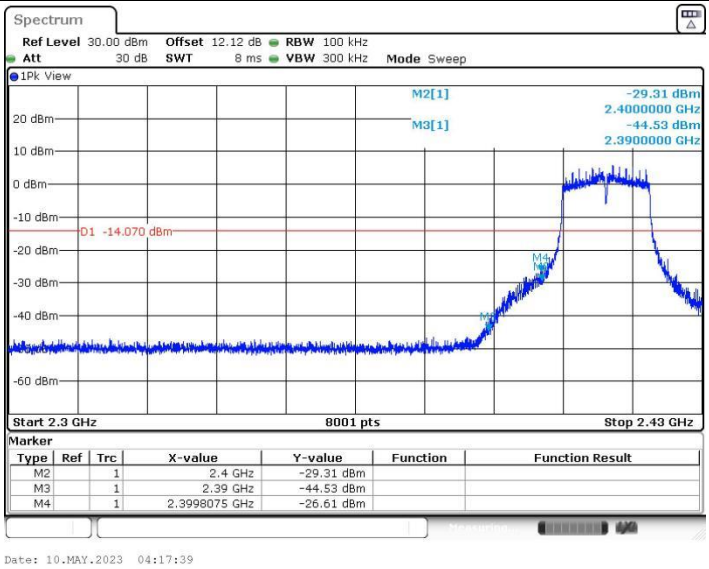

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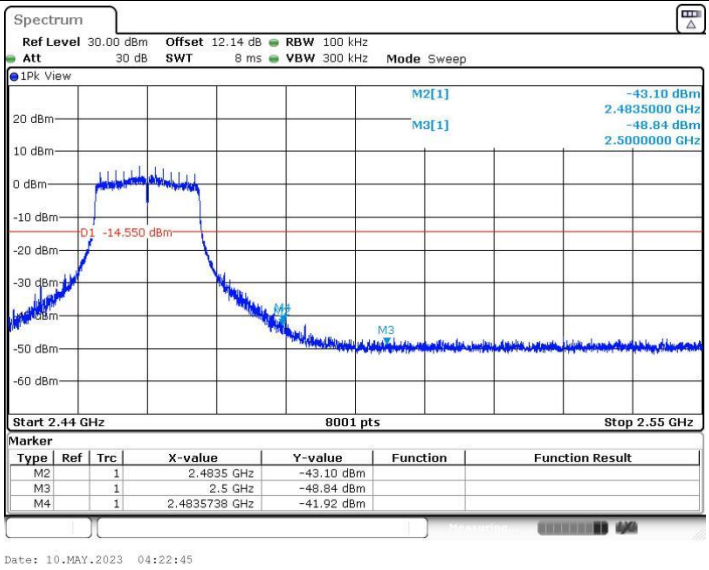
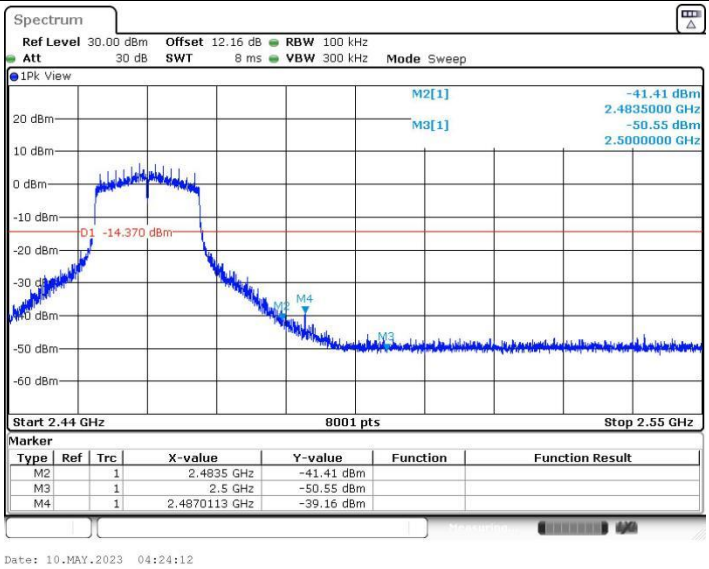


11G-CDD_Ant6_High_2462



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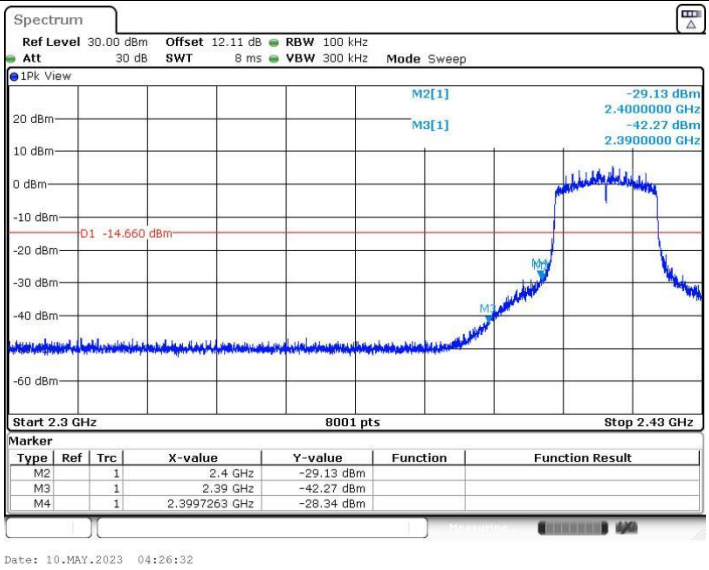

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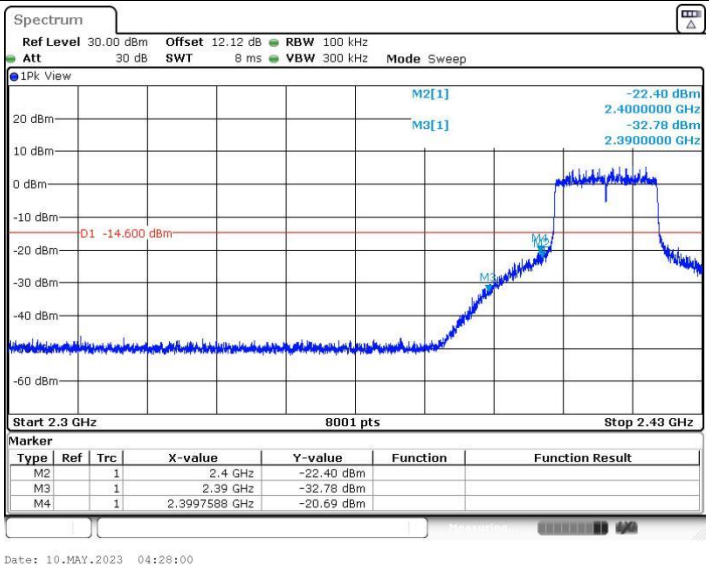

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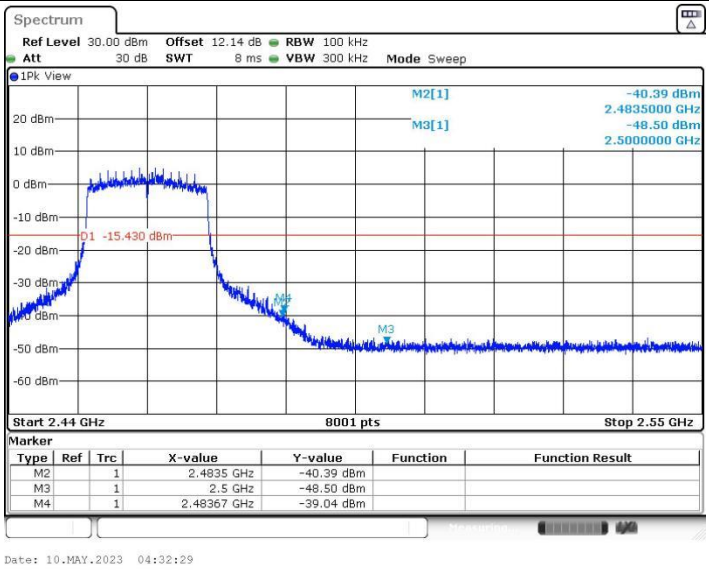

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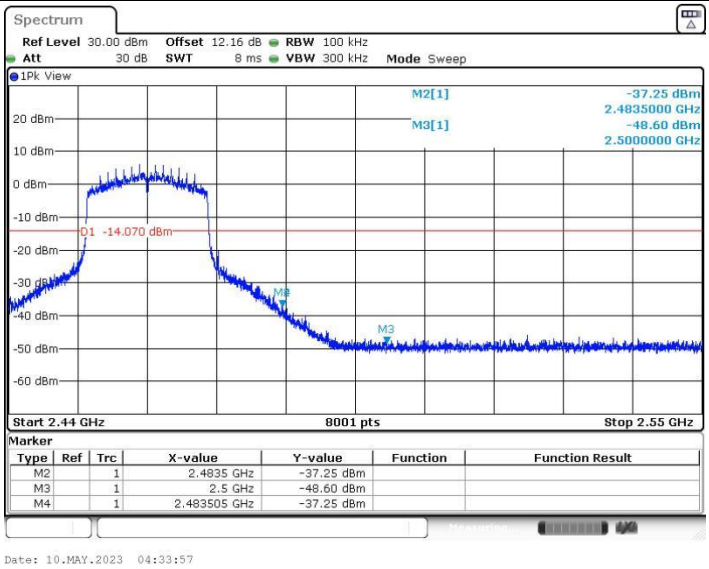


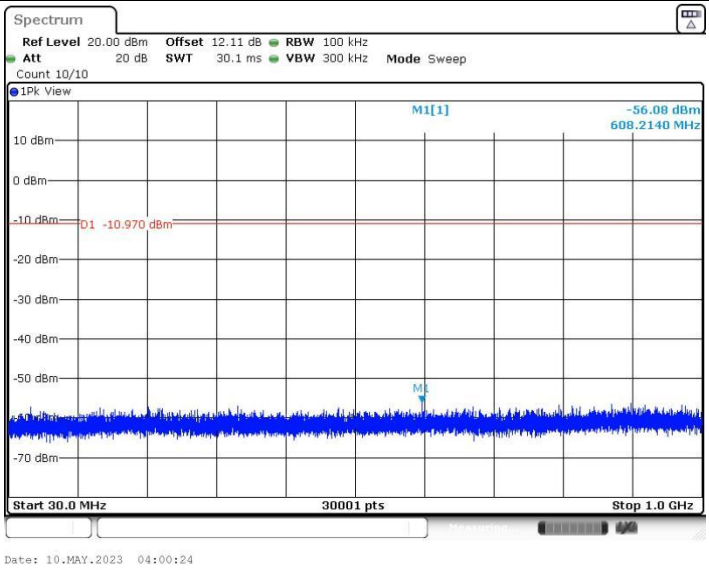
Conducted Spurious Emission

Test Result

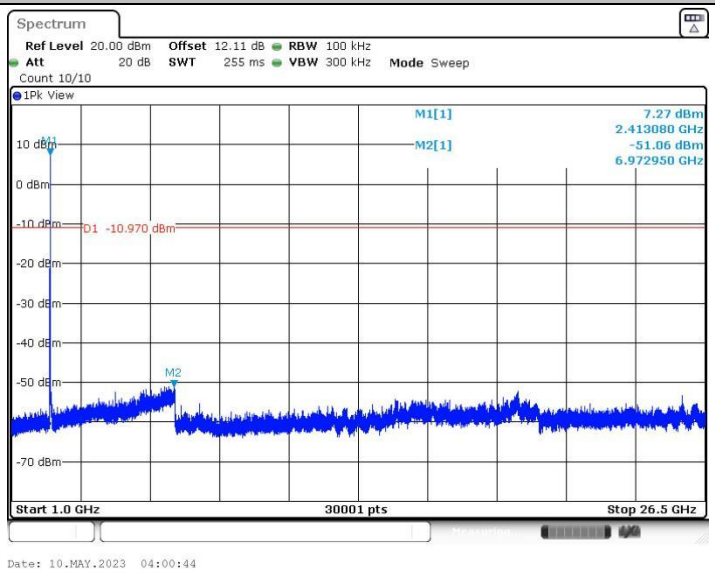
TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
11B-CDD	Ant17	2412	30~1000	9.03	-56.08	≤-10.97	PASS
			1000~26500	9.03	-51.06	≤-10.97	PASS
	Ant6	2412	30~1000	9.35	-56.6	≤-10.65	PASS
			1000~26500	9.35	-50.6	≤-10.65	PASS
	Ant17	2437	30~1000	9.52	-55.97	≤-10.48	PASS
			1000~26500	9.52	-50.32	≤-10.48	PASS
	Ant6	2437	30~1000	9.70	-55.61	≤-10.3	PASS
			1000~26500	9.70	-50.55	≤-10.3	PASS
	Ant17	2462	30~1000	8.66	-55.52	≤-11.34	PASS
			1000~26500	8.66	-50.56	≤-11.34	PASS
	Ant6	2462	30~1000	9.00	-55.8	≤-11	PASS
			1000~26500	9.00	-50.44	≤-11	PASS
11G-CDD	Ant17	2412	30~1000	5.64	-55.31	≤-14.36	PASS
			1000~26500	5.64	-51.17	≤-14.36	PASS
	Ant6	2412	30~1000	5.93	-56.53	≤-14.07	PASS
			1000~26500	5.93	-50.44	≤-14.07	PASS
	Ant17	2437	30~1000	5.80	-55.48	≤-14.2	PASS
			1000~26500	5.80	-49.92	≤-14.2	PASS
	Ant6	2437	30~1000	6.47	-56.21	≤-13.53	PASS
			1000~26500	6.47	-50.19	≤-13.53	PASS
	Ant17	2462	30~1000	5.45	-55.59	≤-14.55	PASS
			1000~26500	5.45	-51.11	≤-14.55	PASS
	Ant6	2462	30~1000	5.63	-55.95	≤-14.37	PASS
			1000~26500	5.63	-51.16	≤-14.37	PASS
11AX20MIMO	Ant17	2412	30~1000	5.34	-56.76	≤-14.66	PASS
			1000~26500	5.34	-50.92	≤-14.66	PASS
	Ant6	2412	30~1000	5.40	-55.98	≤-14.6	PASS
			1000~26500	5.40	-51.21	≤-14.6	PASS
	Ant17	2437	30~1000	5.73	-56.63	≤-14.27	PASS
			1000~26500	5.73	-50.62	≤-14.27	PASS
	Ant6	2437	30~1000	6.76	-56.1	≤-13.24	PASS
			1000~26500	6.76	-50.66	≤-13.24	PASS
	Ant17	2462	30~1000	4.57	-55.76	≤-15.43	PASS
			1000~26500	4.57	-50.72	≤-15.43	PASS
	Ant6	2462	30~1000	5.93	-56.45	≤-14.07	PASS
			1000~26500	5.93	-51.13	≤-14.07	PASS
			1000~26500	3.74	-50.19	≤-16.26	PASS

Test Graphs

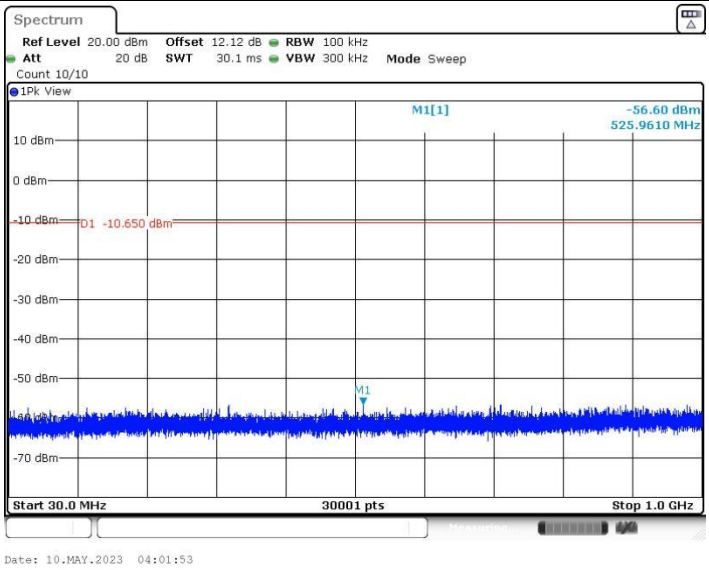
11B-CDD_Ant17_2412_30~1000



11B-CDD_Ant17_2412_1000~26500



11B-CDD_Ant6_2412_30~1000



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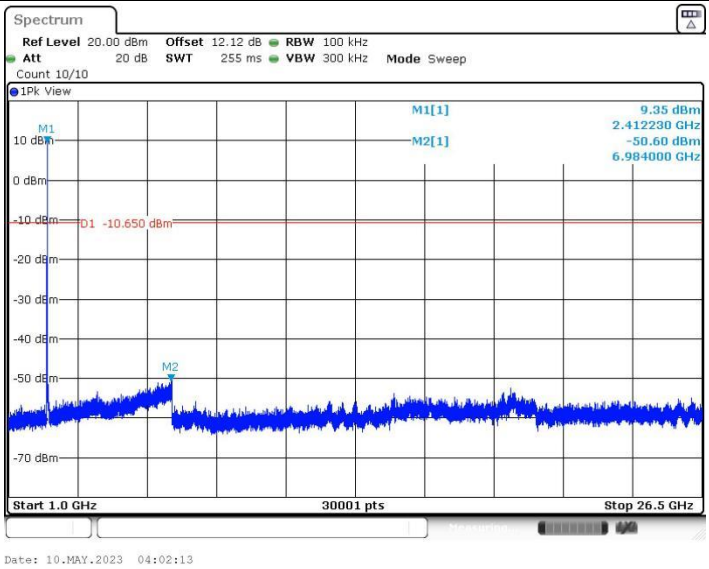

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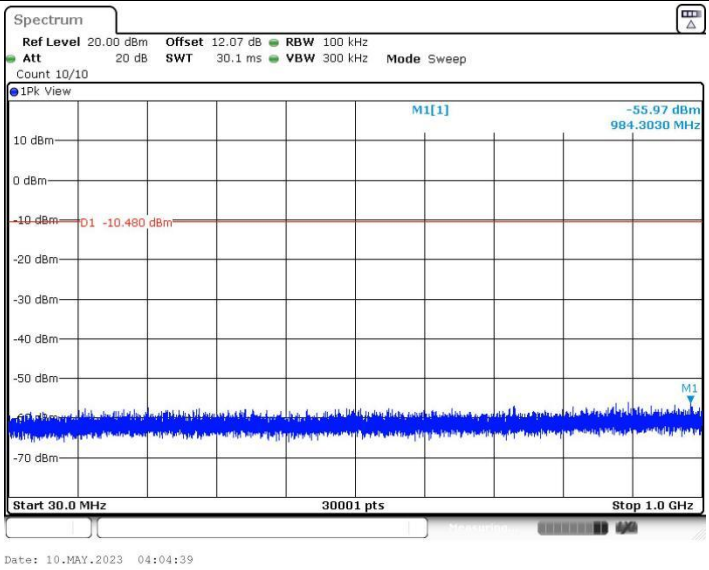

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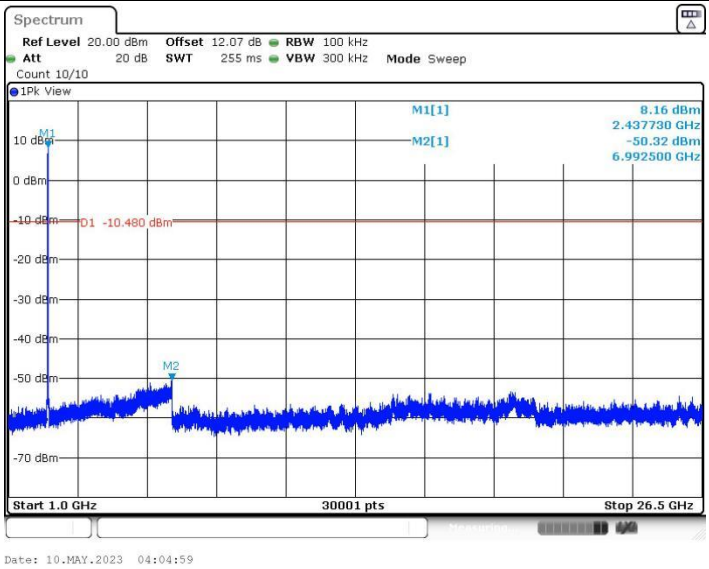
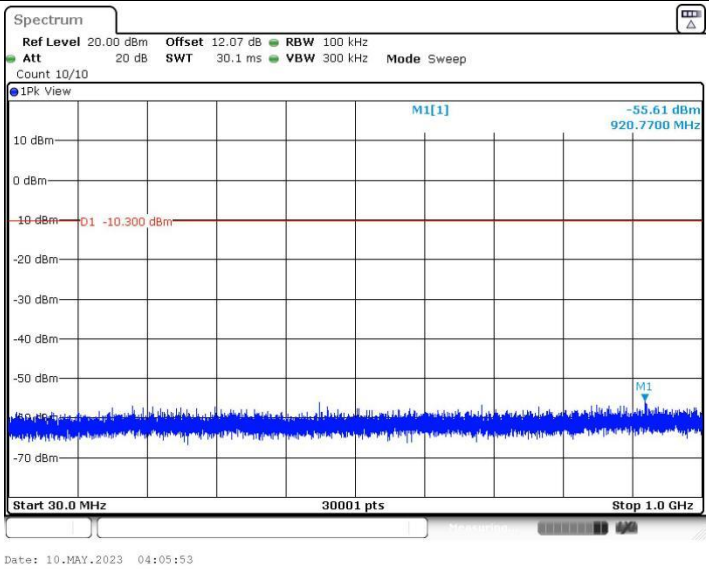
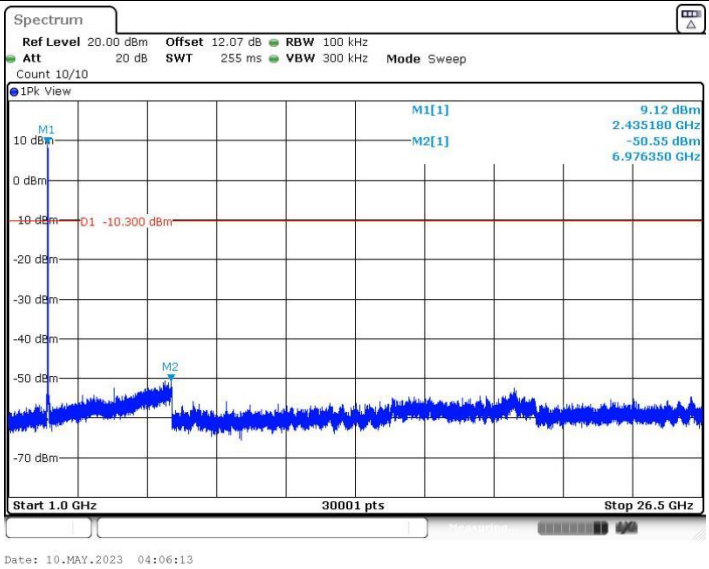


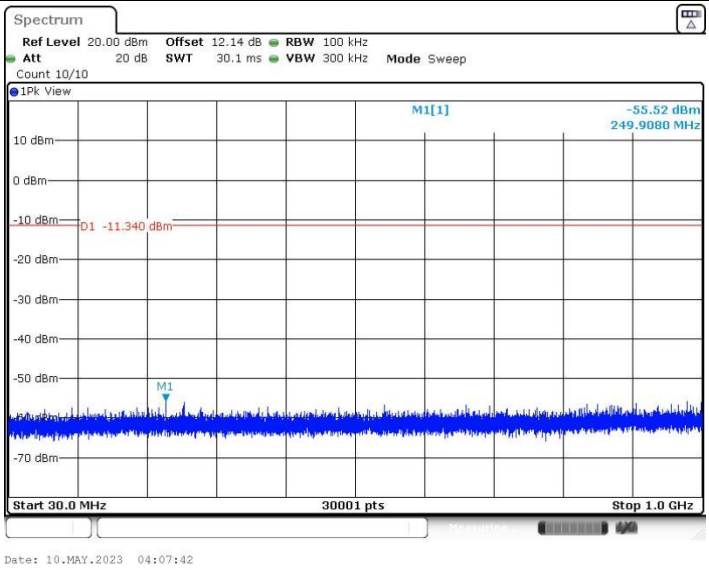
11B-CDD_Ant6_2437_30~1000



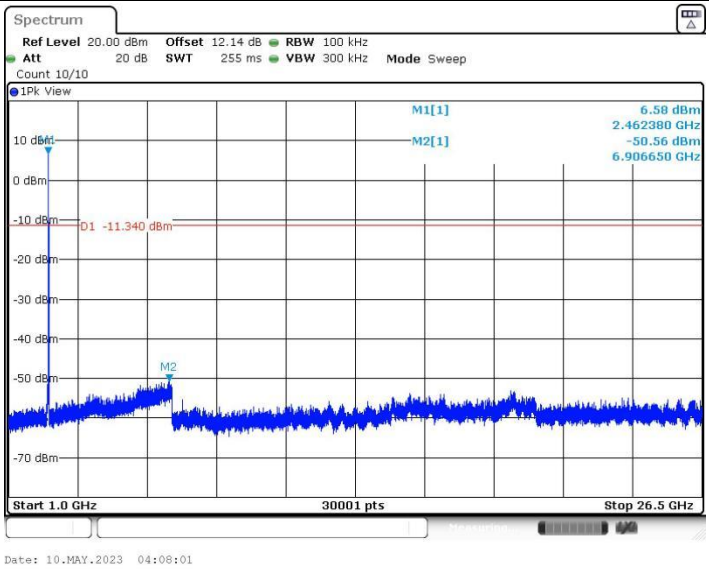
11B-CDD_Ant6_2437_1000~26500



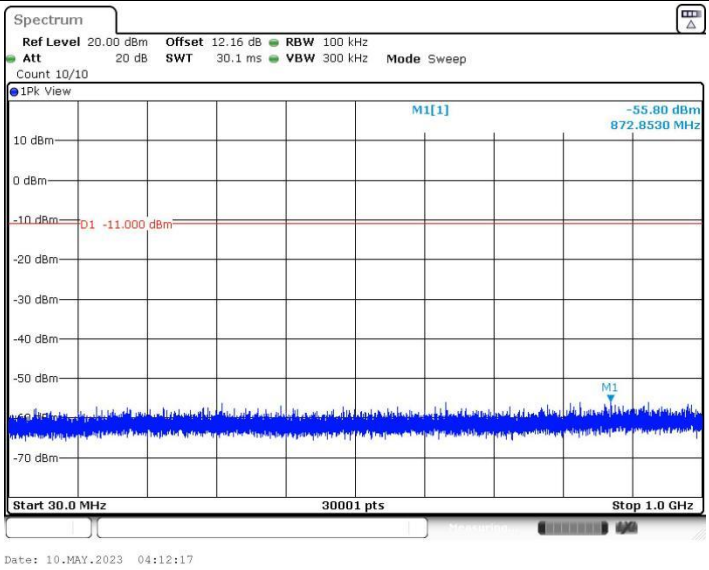
11B-CDD_Ant17_2462_30~1000



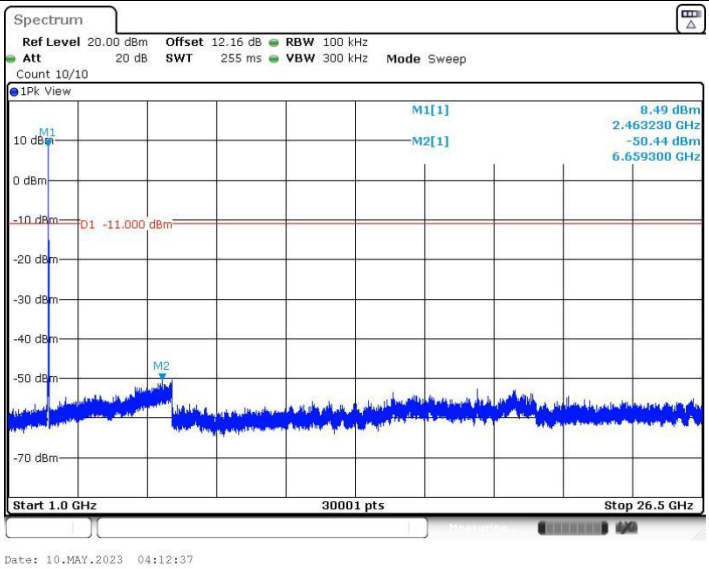
11B-CDD_Ant17_2462_1000~26500



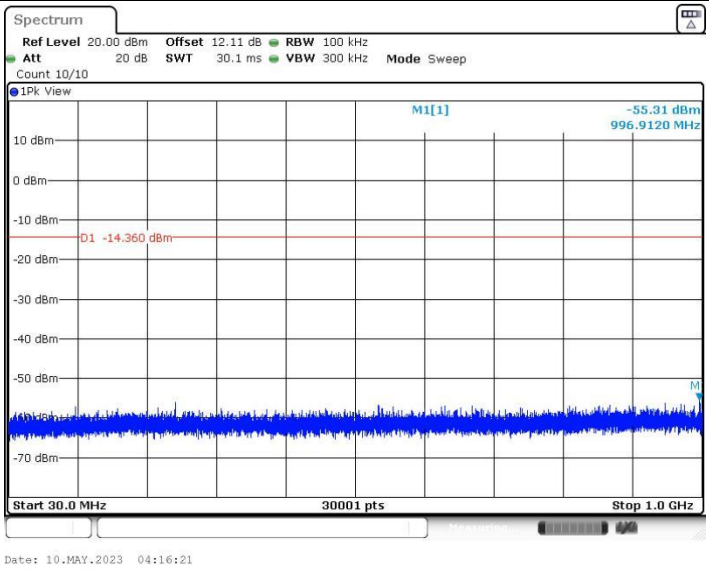
11B-CDD_Ant6_2462_30~1000



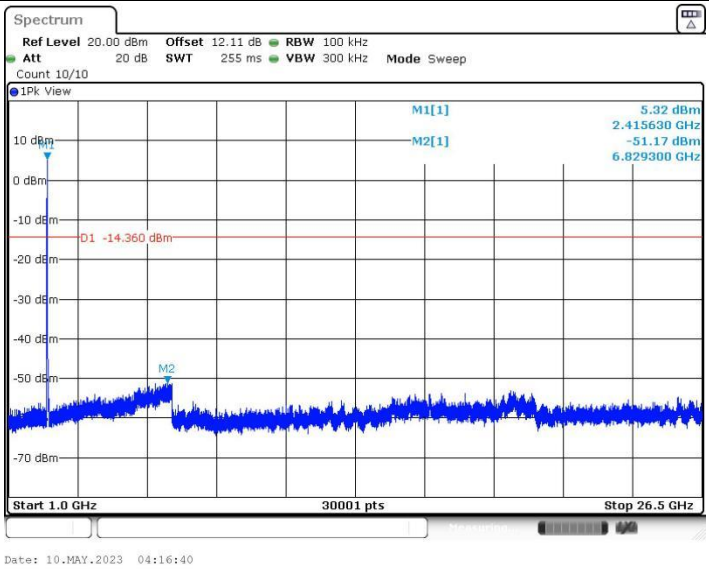
11B-CDD_Ant6_2462_1000~26500



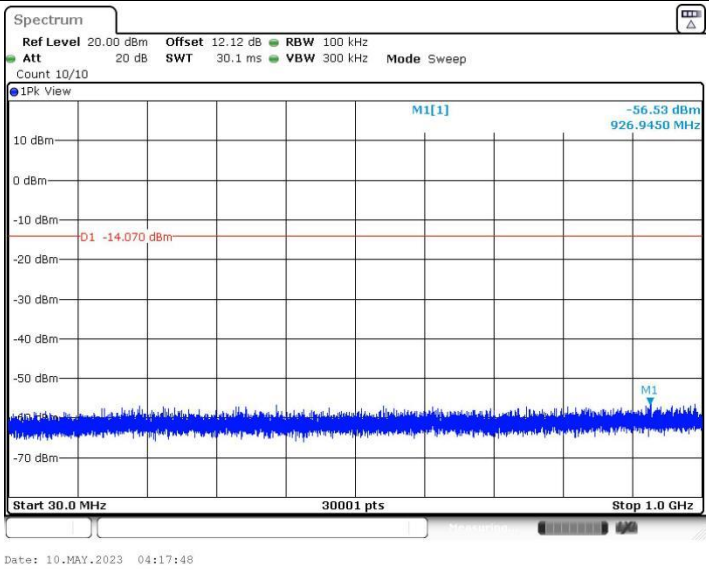
11G-CDD_Ant17_2412_30~1000



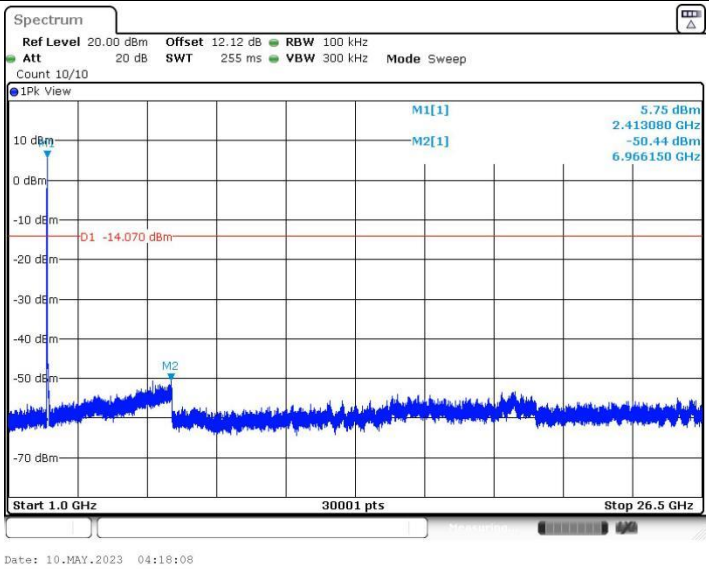
11G-CDD_Ant17_2412_1000~26500



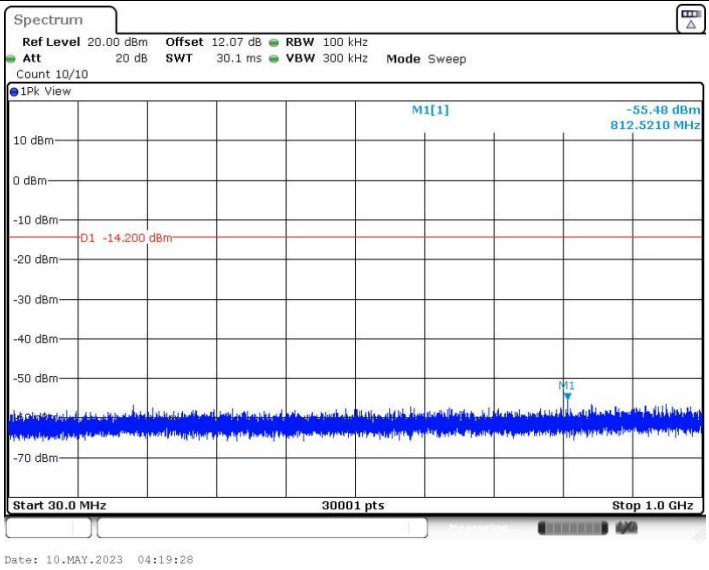
11G-CDD_Ant6_2412_30~1000



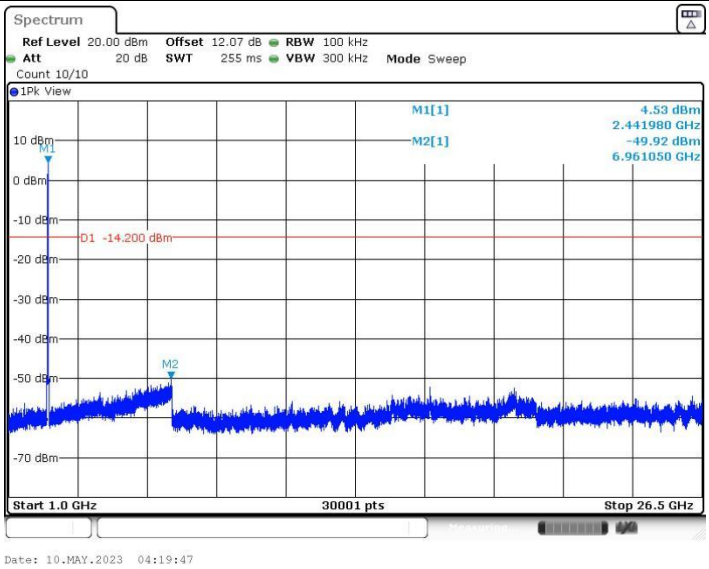
11G-CDD_Ant6_2412_1000~26500



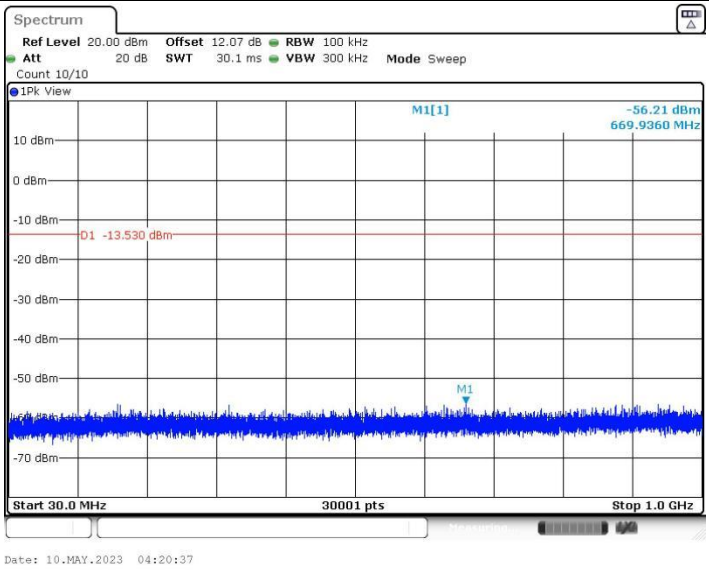
11G-CDD_Ant17_2437_30~1000



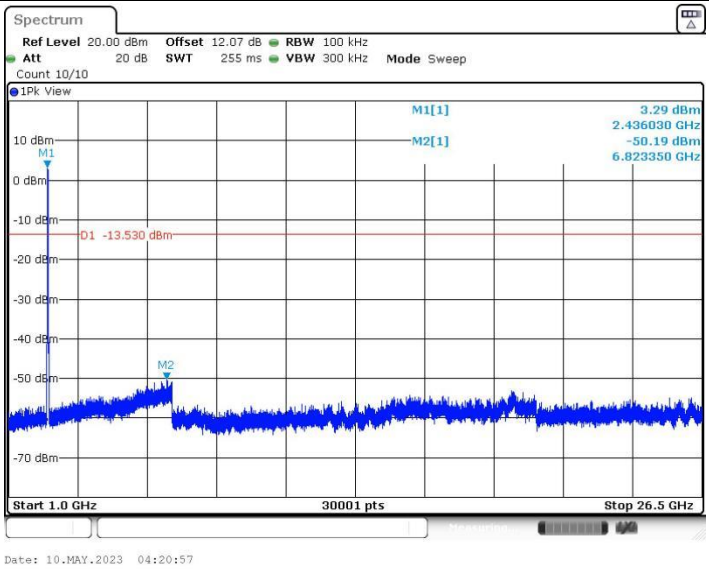
11G-CDD_Ant17_2437_1000~26500



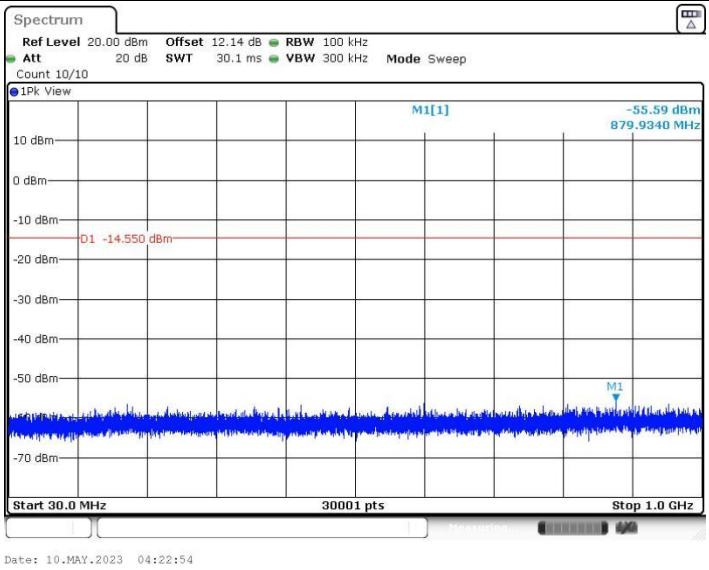
11G-CDD_Ant6_2437_30~1000



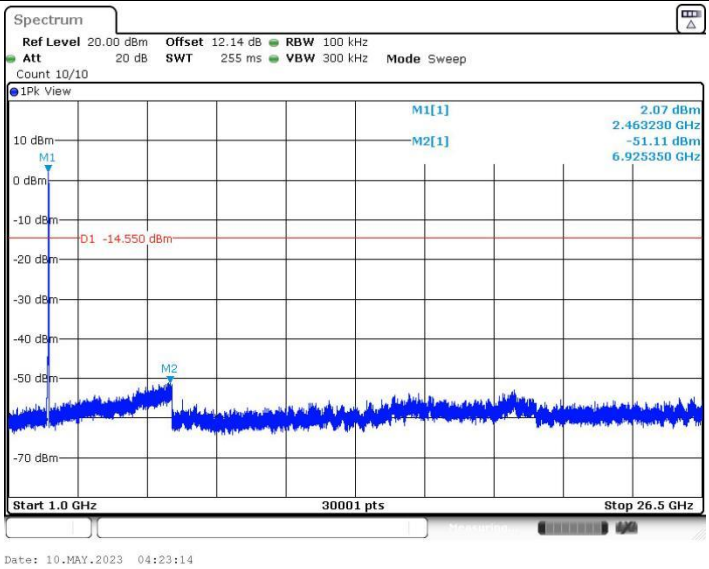
11G-CDD_Ant6_2437_1000~26500



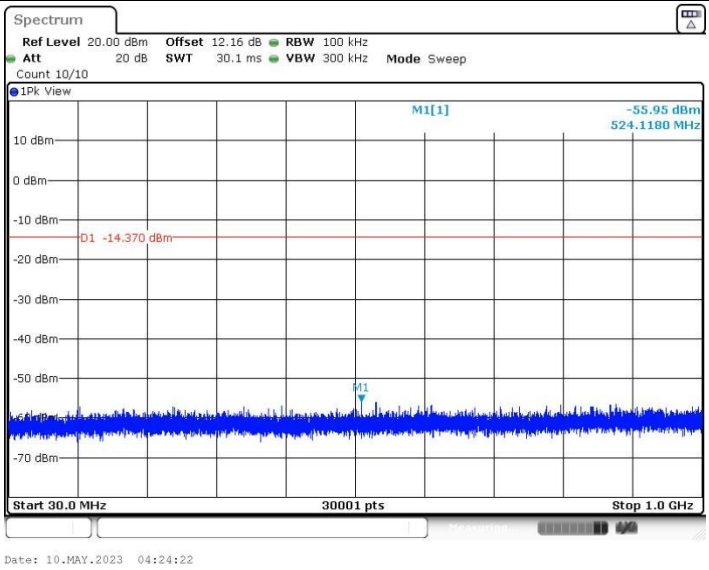
11G-CDD_Ant17_2462_30~1000



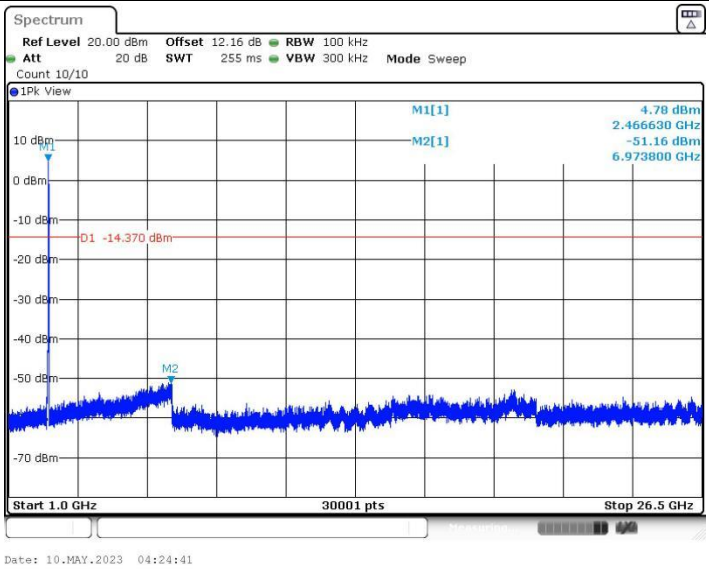
11G-CDD_Ant17_2462_1000~26500



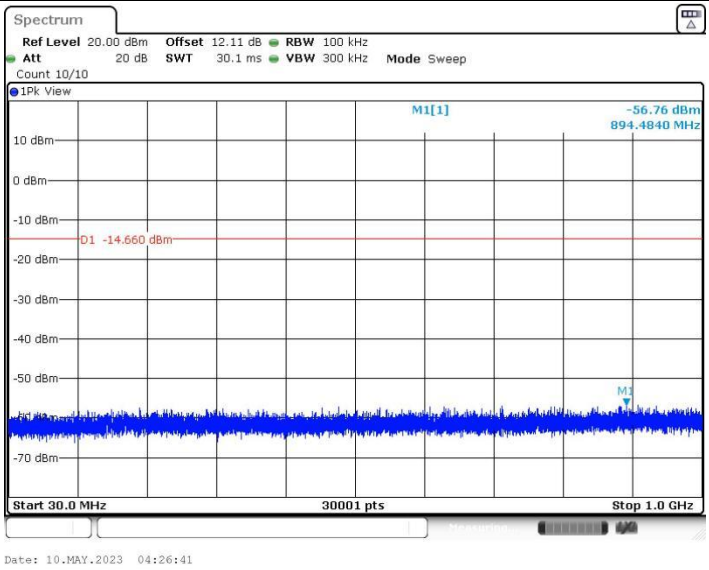
11G-CDD_Ant6_2462_30~1000



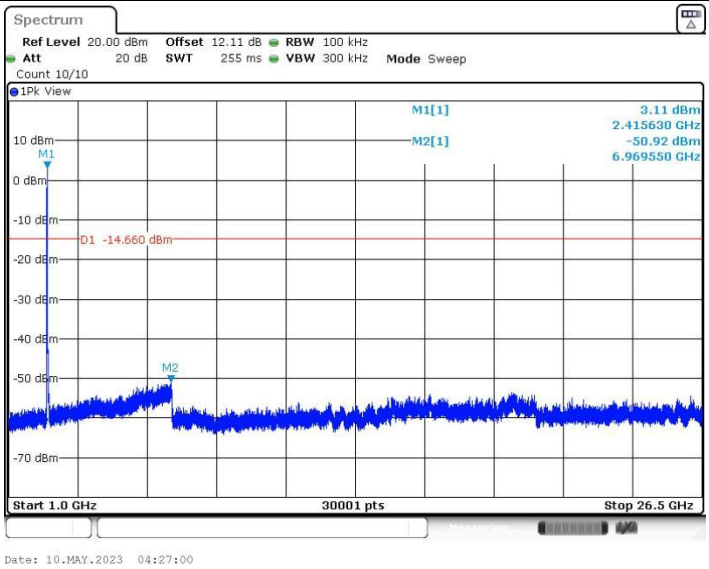
11G-CDD_Ant6_2462_1000~26500



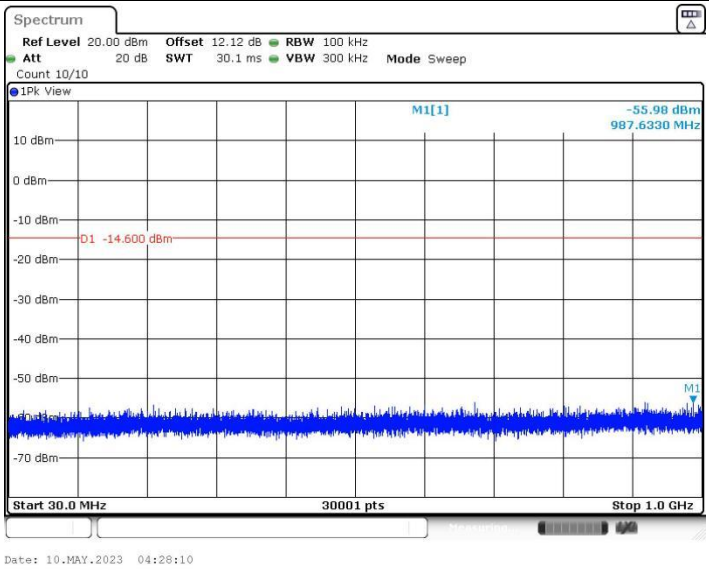
11AX20MIMO_Ant17_2412_30~1000



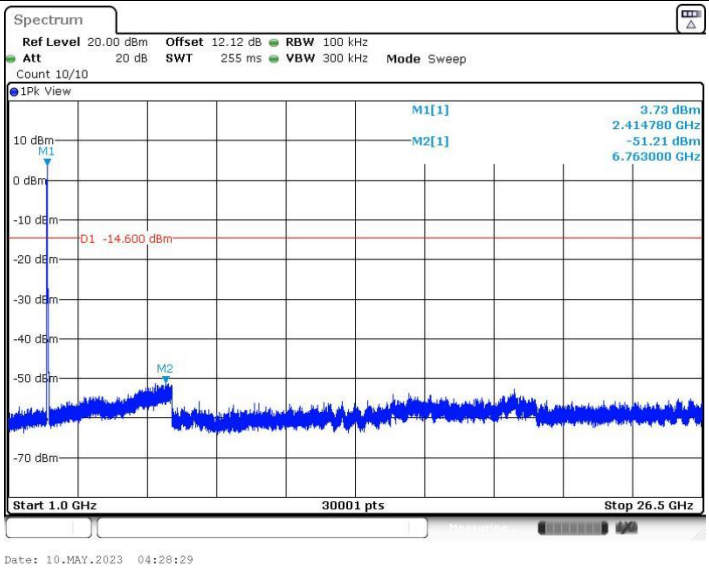
11AX20MIMO_Ant17_2412_1000~26500



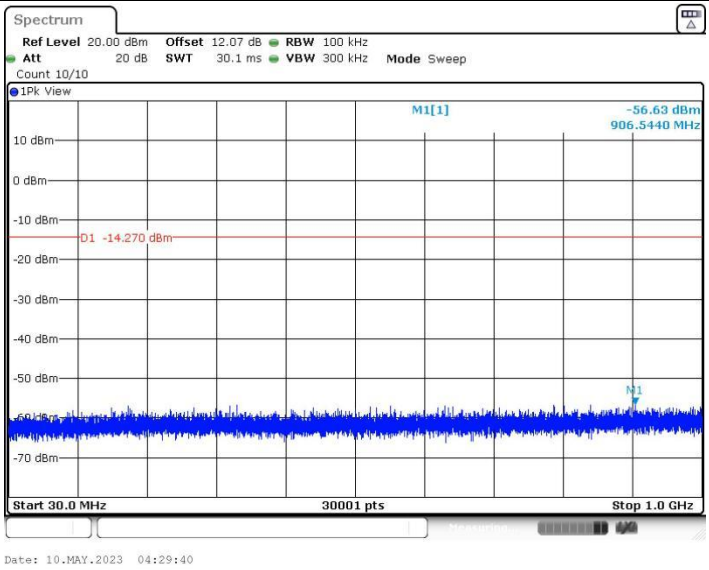
11AX20MIMO_Ant6_2412_30~1000



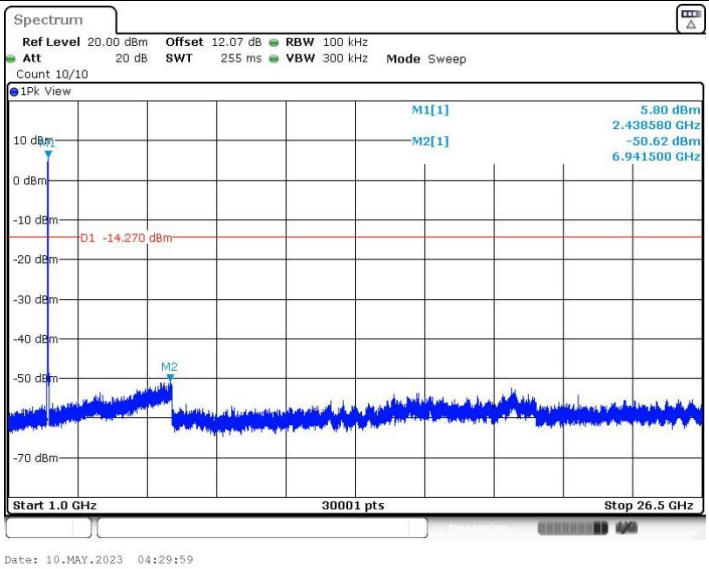
11AX20MIMO_Ant6_2412_1000~26500



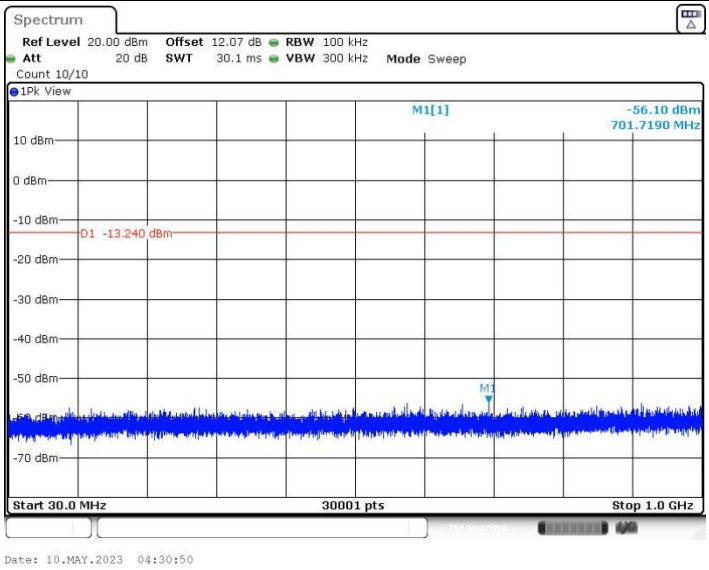
11AX20MIMO_Ant17_2437_30~1000



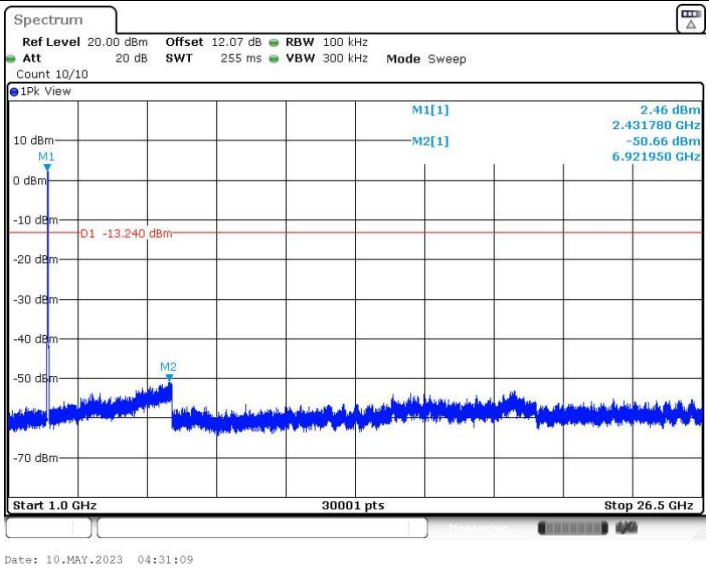
11AX20MIMO_Ant17_2437_1000~26500



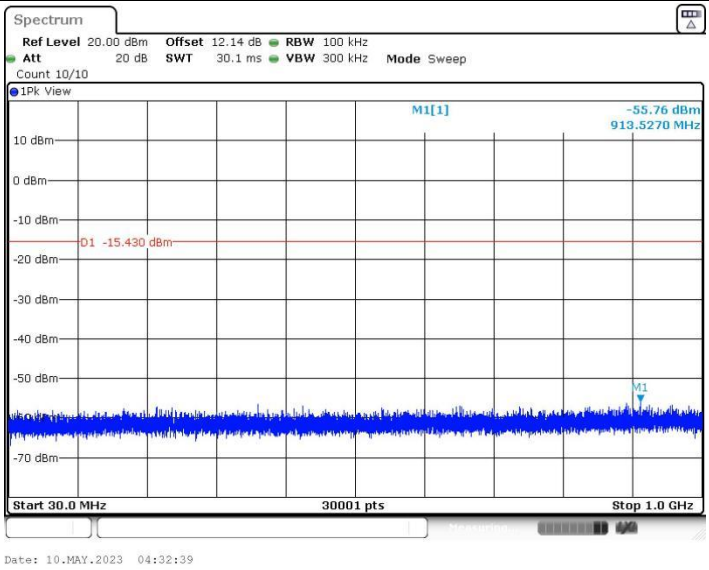
11AX20MIMO_Ant6_2437_30~1000



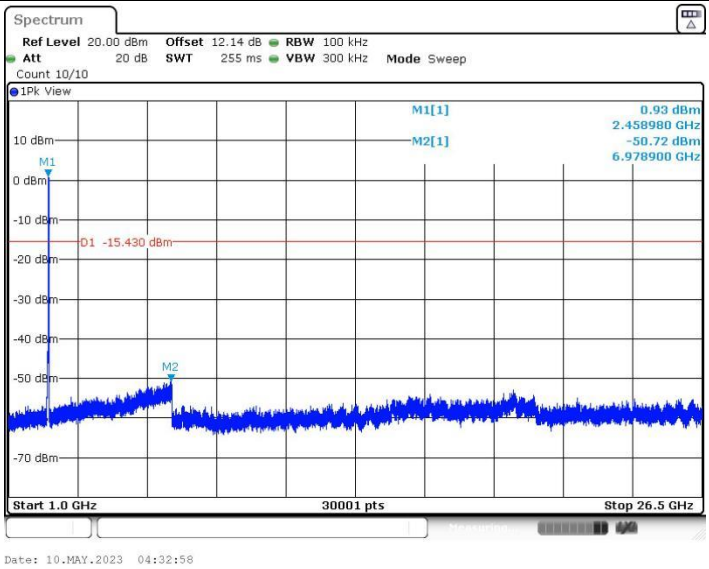
11AX20MIMO_Ant6_2437_1000~26500



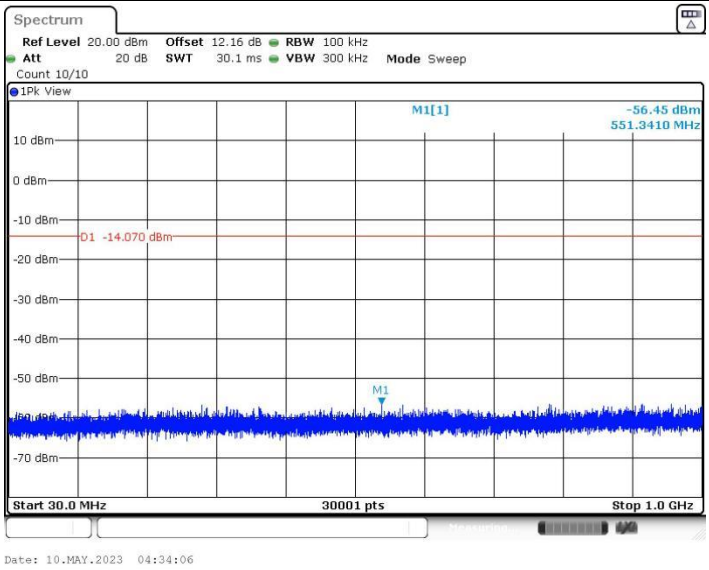
11AX20MIMO_Ant17_2462_30~1000



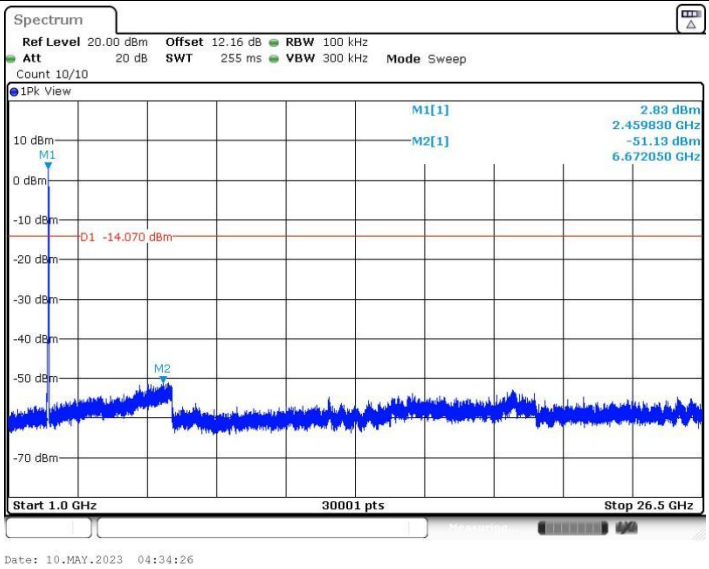
11AX20MIMO_Ant17_2462_1000~26500



11AX20MIMO_Ant6_2462_30~1000



11AX20MIMO_Ant6_2462_1000~26500



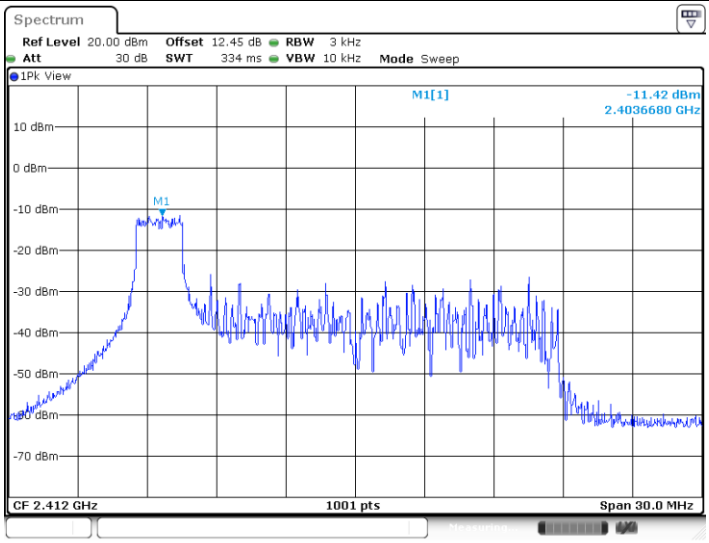
Maximum Power Spectral Density for 802.11ax partial RU

Test Result

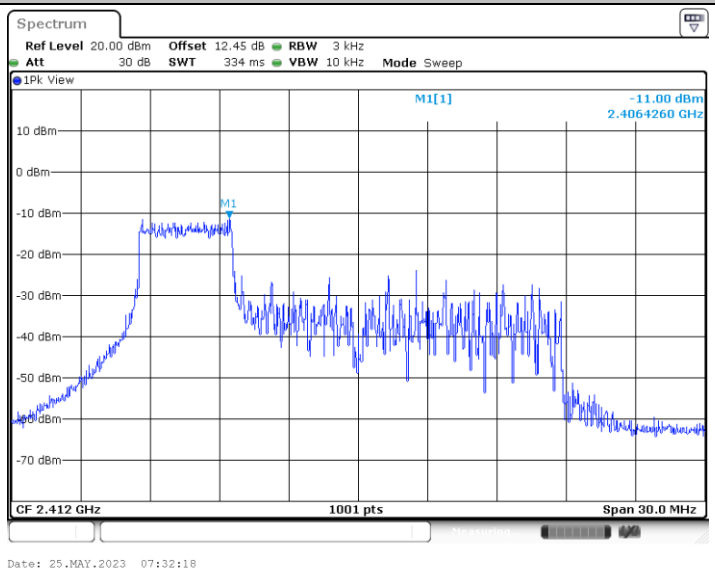
TestMode	Antenna	Freq(MHz)	RuSize	RuIndex	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11AX20MIMO	Ant17	2412	26Tone	RU0	-11.42	≤8.00	PASS
			52Tone	RU37	-11	≤8.00	PASS
			106Tone	RU53	-11.24	≤8.00	PASS
	Ant6	2412	26Tone	RU0	-12.68	≤8.00	PASS
			52Tone	RU37	-12.26	≤8.00	PASS
			106Tone	RU53	-12.2	≤8.00	PASS
	total	2412	26Tone	RU0	-8.99	≤8.00	PASS
			52Tone	RU37	-8.57	≤8.00	PASS
			106Tone	RU53	-8.68	≤8.00	PASS
	Ant17	2437	26Tone	RU0	-9.14	≤8.00	PASS
			52Tone	RU37	-8.92	≤8.00	PASS
			106Tone	RU53	-9.43	≤8.00	PASS
	Ant6	2437	26Tone	RU0	-7.2	≤8.00	PASS
			52Tone	RU37	-7.17	≤8.00	PASS
			106Tone	RU53	-7.66	≤8.00	PASS
	total	2437	26Tone	RU0	-5.05	≤8.00	PASS
			52Tone	RU37	-4.95	≤8.00	PASS
			106Tone	RU53	-5.45	≤8.00	PASS
	Ant17	2462	26Tone	RU8	-9.43	≤8.00	PASS
			52Tone	RU40	-9.34	≤8.00	PASS
			106Tone	RU54	-10.07	≤8.00	PASS
	Ant6	2462	26Tone	RU8	-10.63	≤8.00	PASS
			52Tone	RU40	-11.01	≤8.00	PASS
			106Tone	RU54	-10.68	≤8.00	PASS
	total	2462	26Tone	RU8	-6.98	≤8.00	PASS
			52Tone	RU40	-7.08	≤8.00	PASS
			106Tone	RU54	-7.35	≤8.00	PASS

Test Graphs

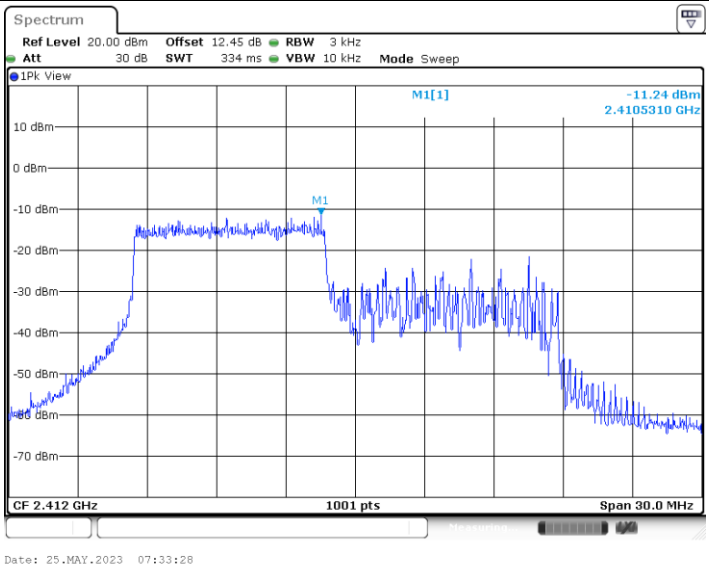
11AX20MIMO_Ant17_2412_26Tone_RU0



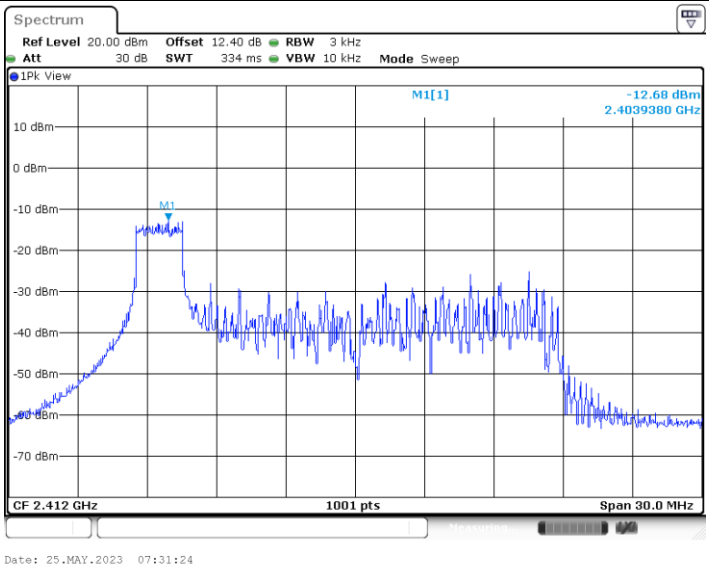
11AX20MIMO_Ant17_2412_52Tone_RU37



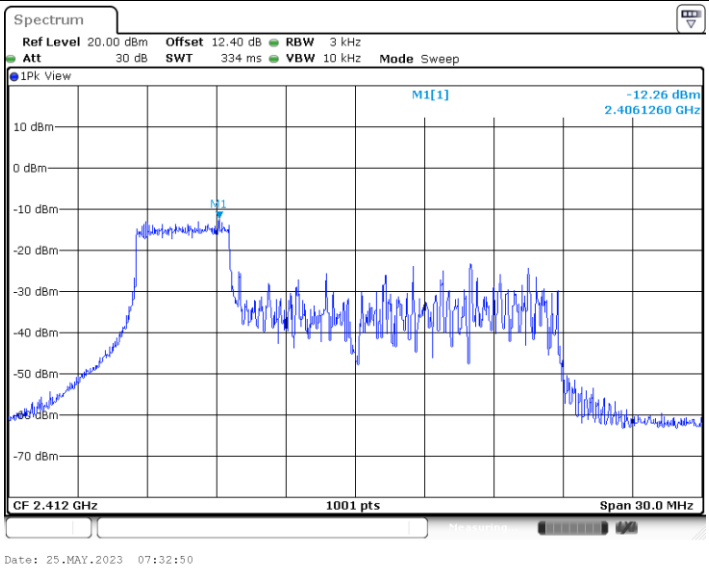
11AX20MIMO_Ant17_2412_106Tone_RU53



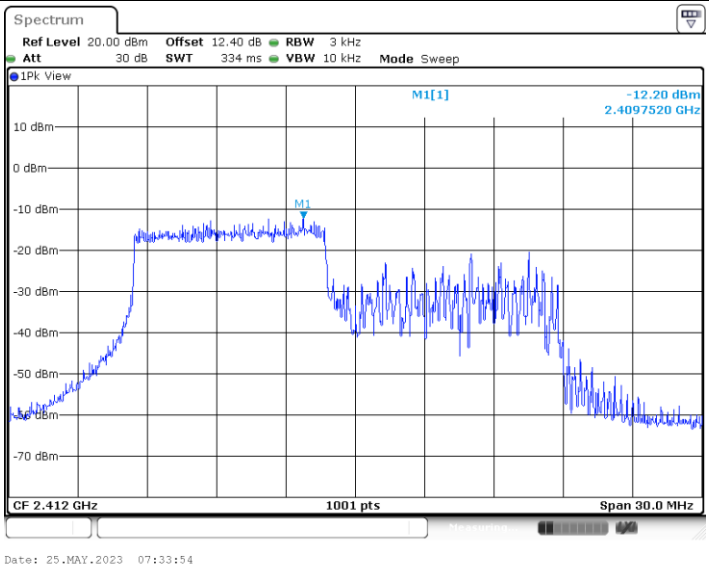
11AX20MIMO_Ant6_2412_26Tone_RU0



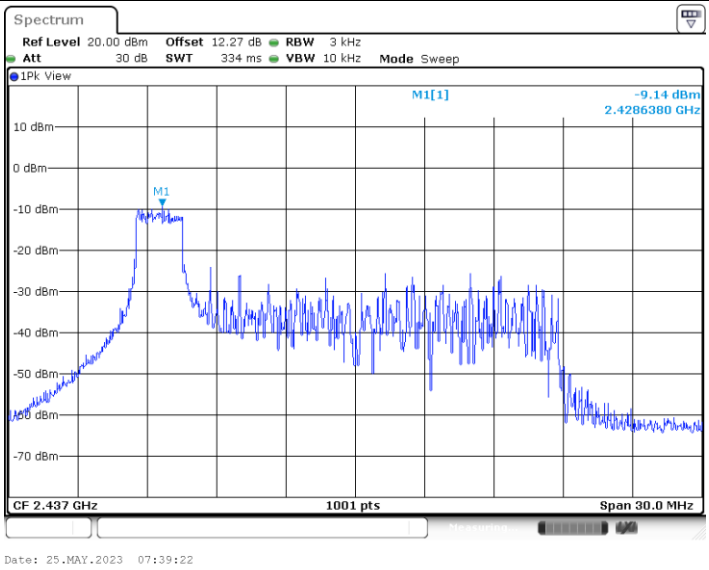
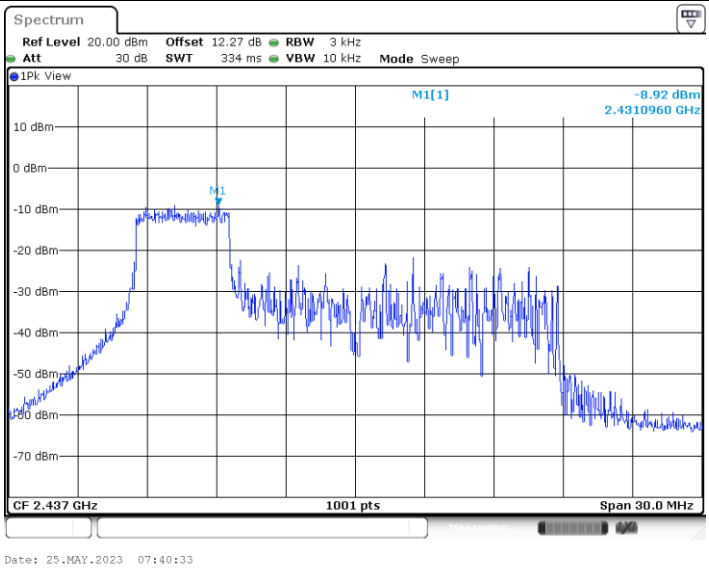
11AX20MIMO_Ant6_2412_52Tone_RU37



11AX20MIMO_Ant6_2412_106Tone_RU53



11AX20MIMO_Ant17_2437_26Tone_RU0



11AX20MIMO_Ant17_2437_52Tone_RU37