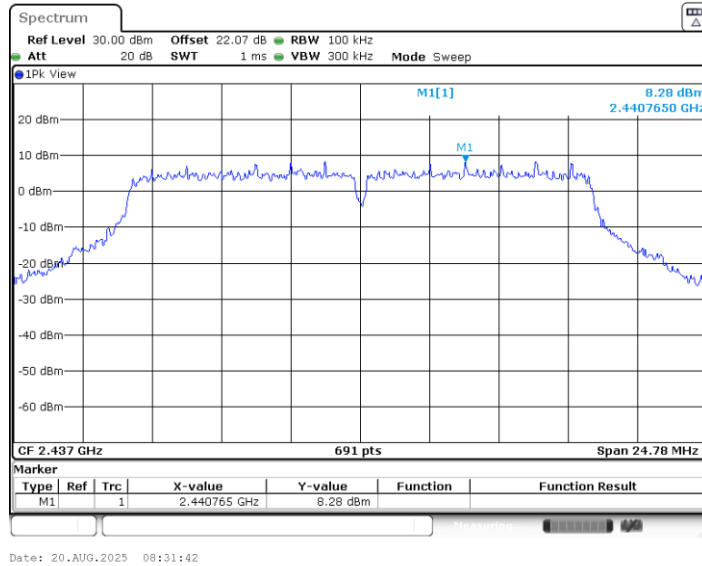
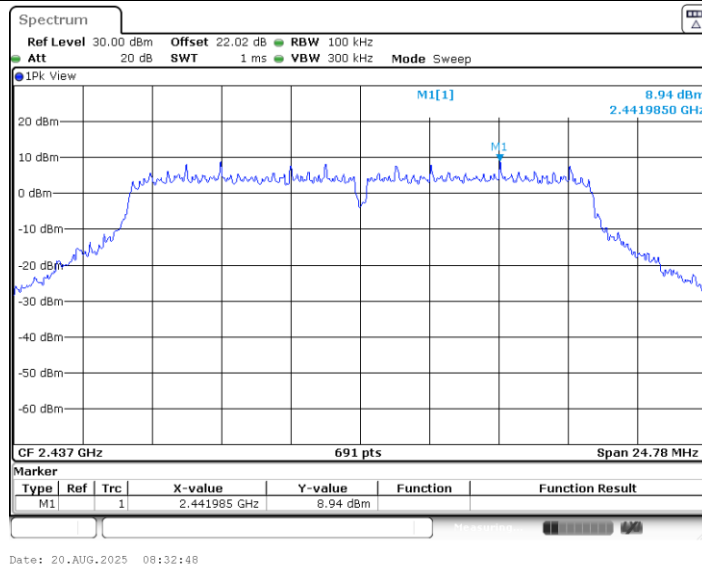




11G-CDD_Ant6_2437

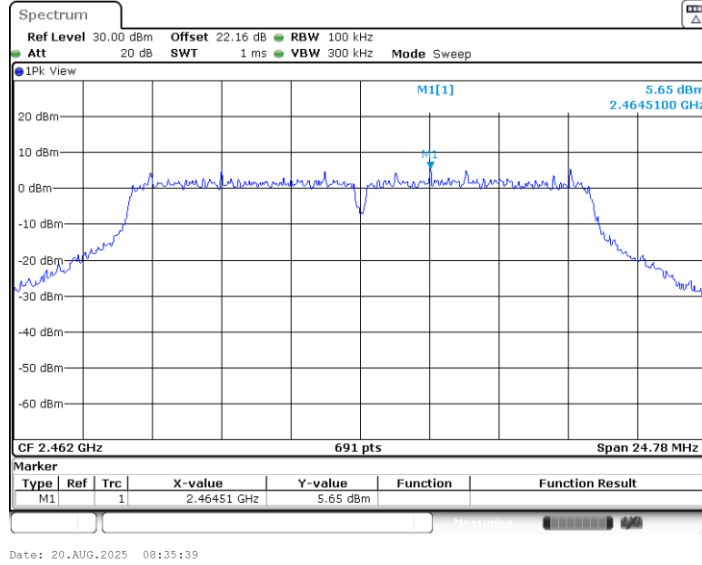


11G-CDD_Ant7_2437

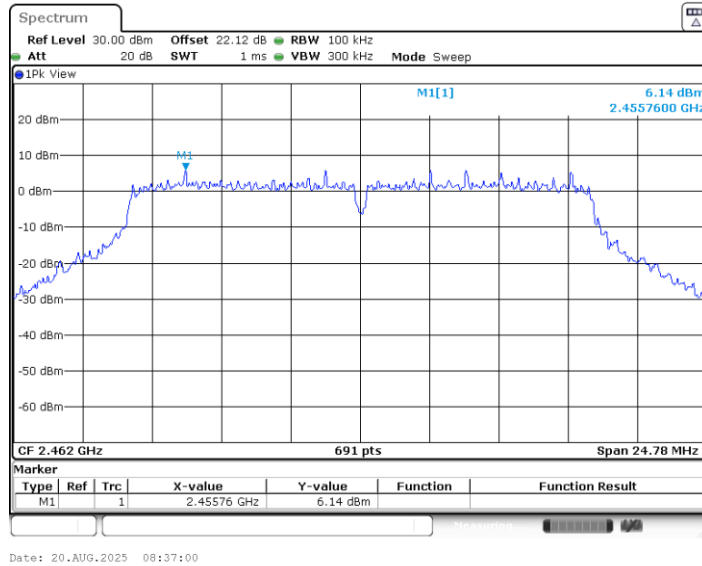




11G-CDD_Ant6_2462

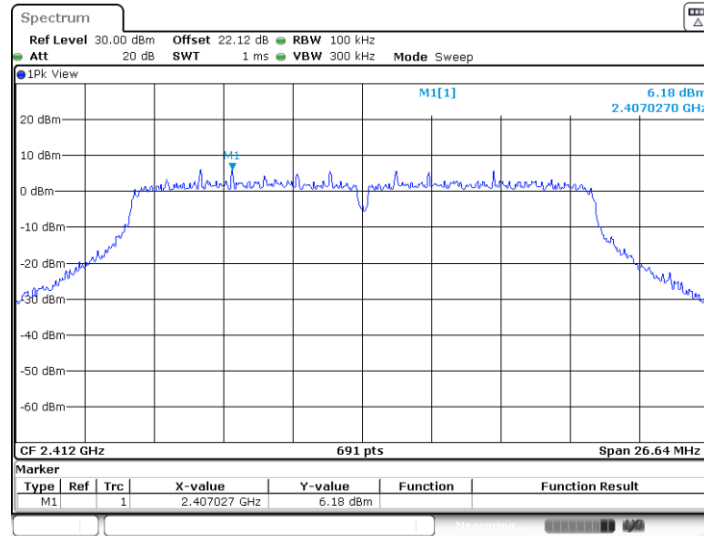


11G-CDD_Ant7_2462

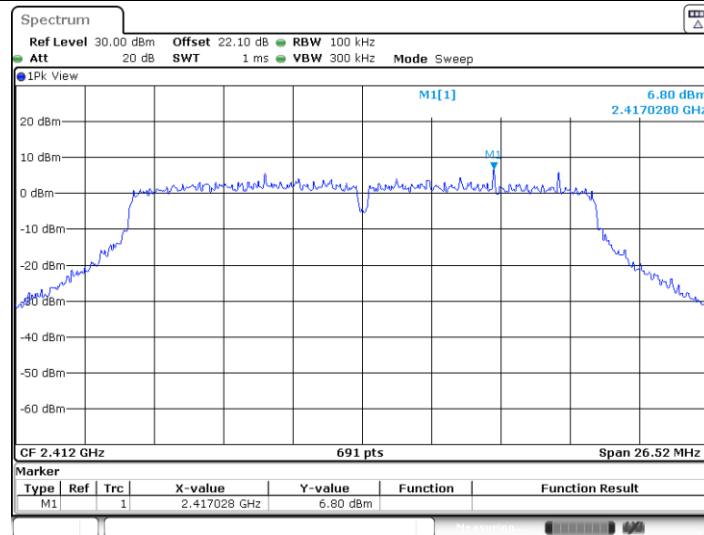




11AC20MIMO_Ant6_2412

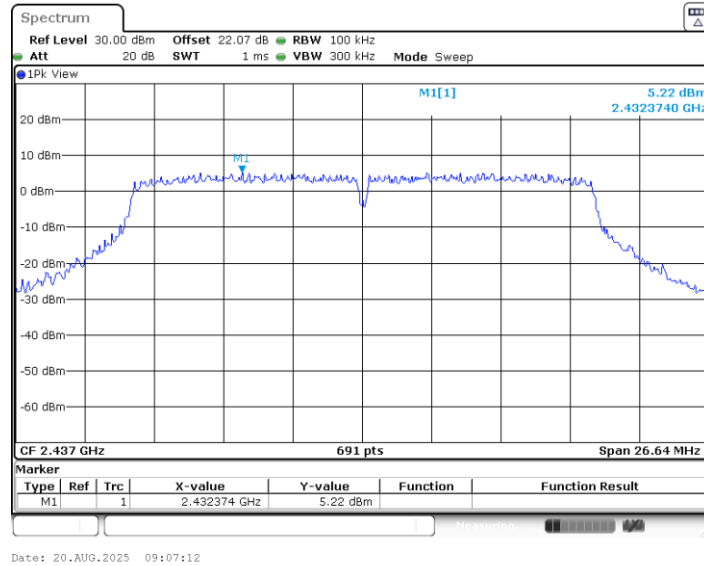


11AC20MIMO_Ant7_2412

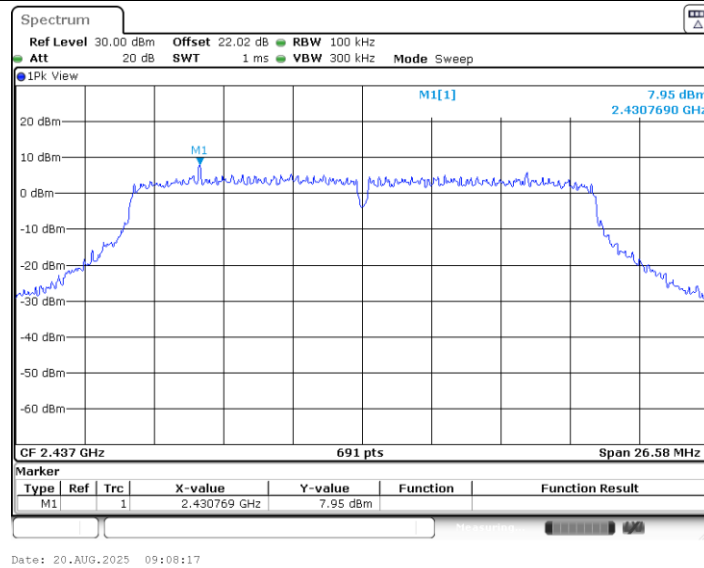




11AC20MIMO_Ant6_2437

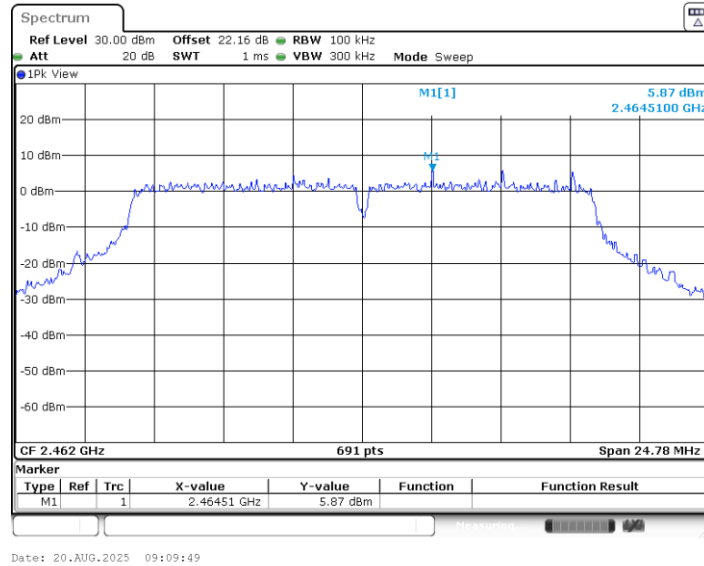


11AC20MIMO_Ant7_2437

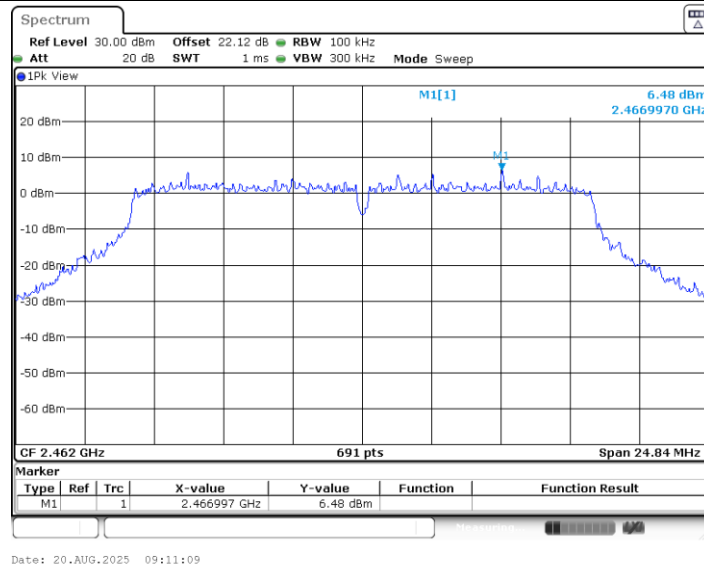




11AC20MIMO_Ant6_2462

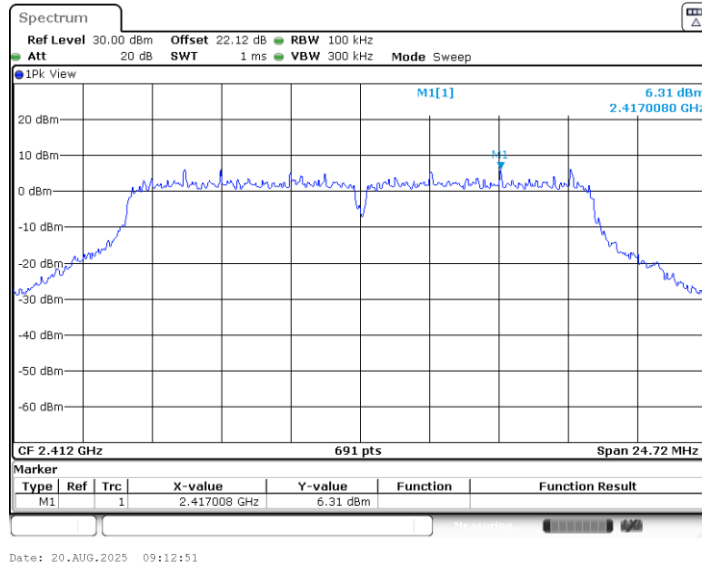


11AC20MIMO_Ant7_2462

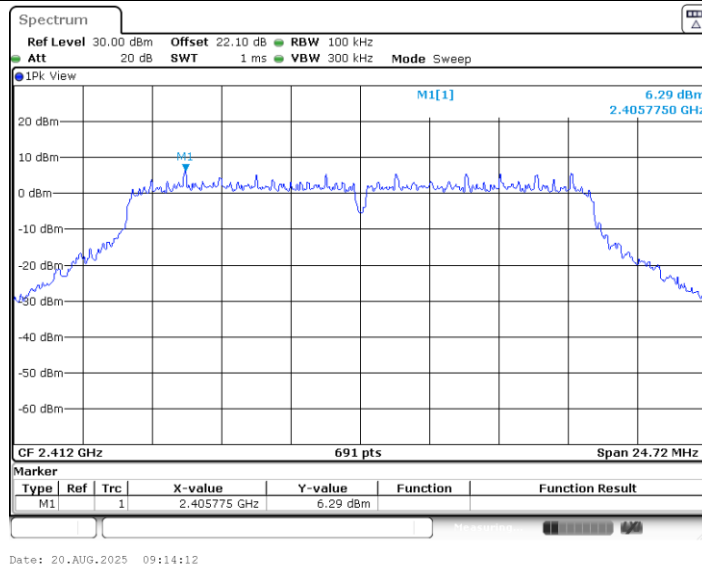




11BE20MIMO_Ant6_2412

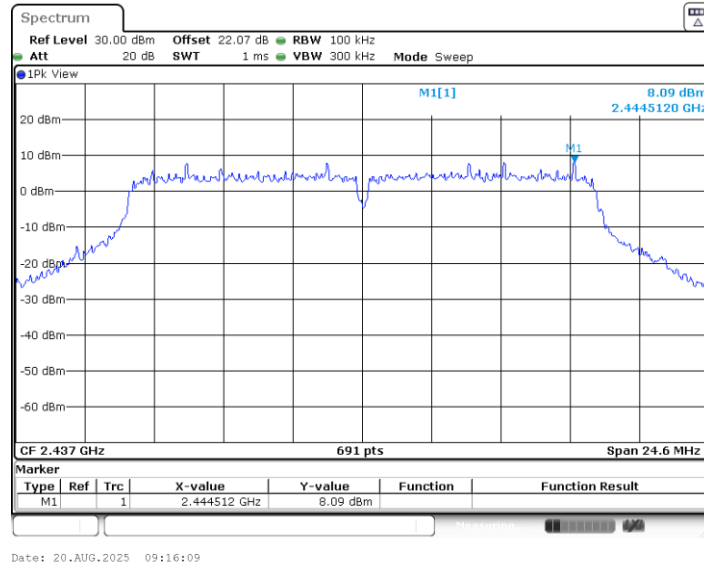


11BE20MIMO_Ant7_2412

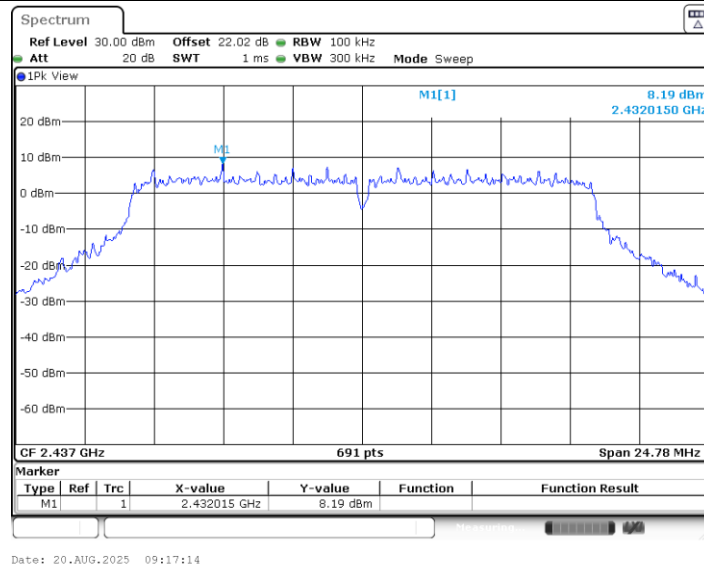




11BE20MIMO_Ant6_2437

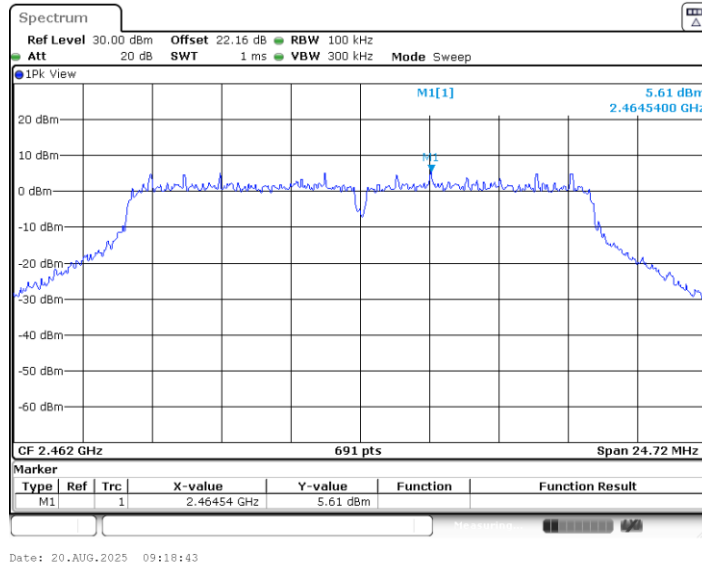


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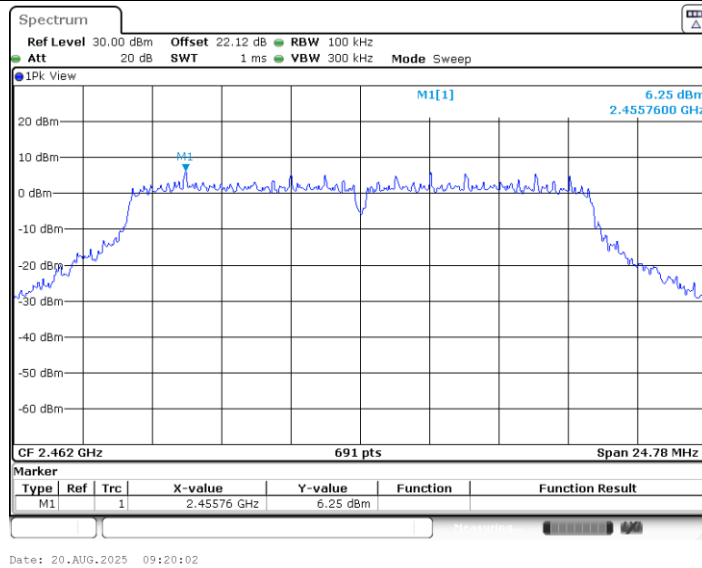




11BE20MIMO_Ant6_2462



11BE20MIMO_Ant7_2462





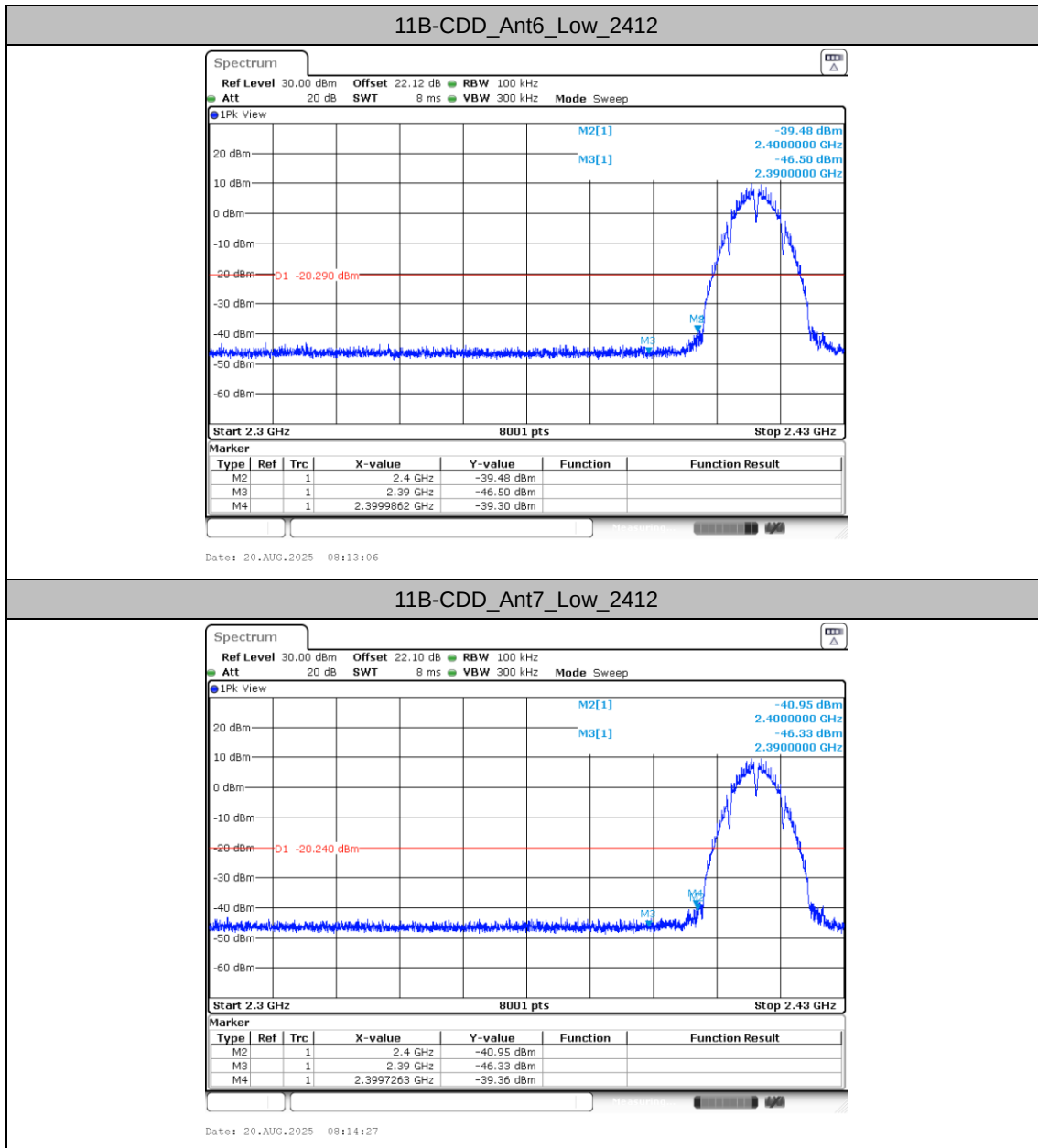
Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm /100KHz]	Result[dBm /100KHz]	Limit[dBm /100KHz]	Verdict
11B-CDD	Ant6	Low	2412	9.71	-39.3	≤-20.29	PASS
	Ant7	Low	2412	9.76	-39.36	≤-20.24	PASS
	Ant6	High	2462	9.35	-42.85	≤-20.65	PASS
	Ant7	High	2462	9.53	-42.13	≤-20.47	PASS
11G-CDD	Ant6	Low	2412	6.34	-26.53	≤-23.66	PASS
	Ant7	Low	2412	6.87	-27.08	≤-23.13	PASS
	Ant6	High	2462	5.65	-42.66	≤-24.35	PASS
	Ant7	High	2462	6.14	-42.48	≤-23.86	PASS
11AC20MIMO	Ant6	Low	2412	6.18	-24.01	≤-23.82	PASS
	Ant7	Low	2412	6.80	-26.15	≤-23.20	PASS
	Ant6	High	2462	5.87	-42.28	≤-24.13	PASS
	Ant7	High	2462	6.48	-41.94	≤-23.52	PASS
11BE20MIMO	Ant6	Low	2412	6.31	-27.18	≤-23.69	PASS
	Ant7	Low	2412	6.29	-28.03	≤-23.71	PASS
	Ant6	High	2462	5.61	-42.8	≤-24.39	PASS
	Ant7	High	2462	6.25	-43.07	≤-23.75	PASS

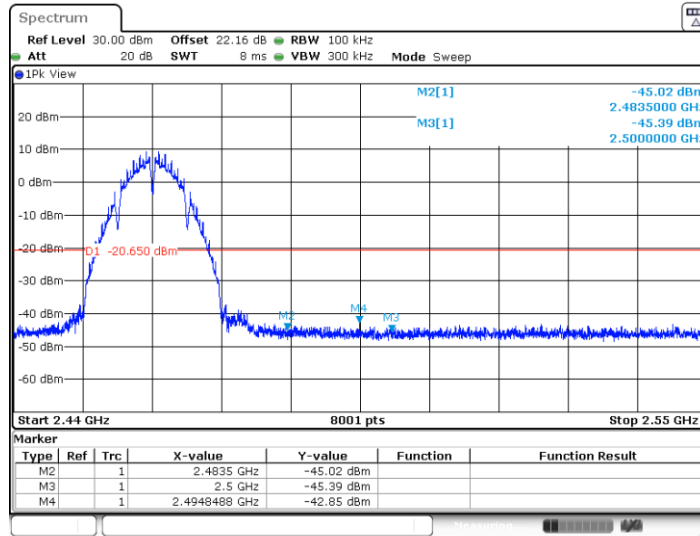


Test Graphs

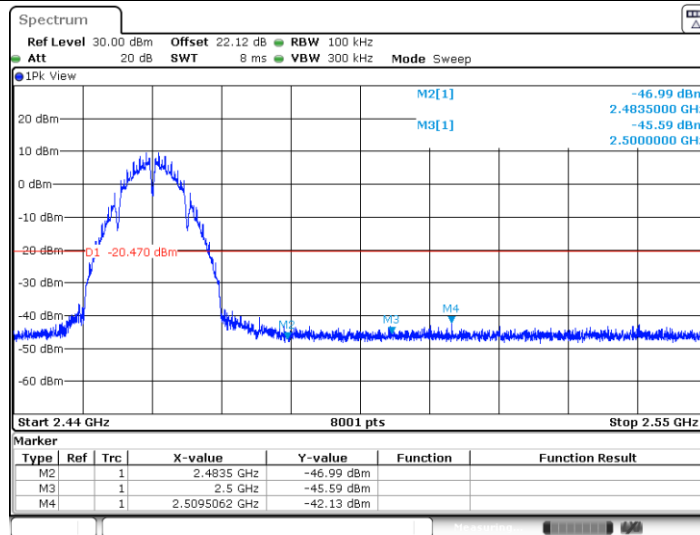




11B-CDD_Ant6_High_2462

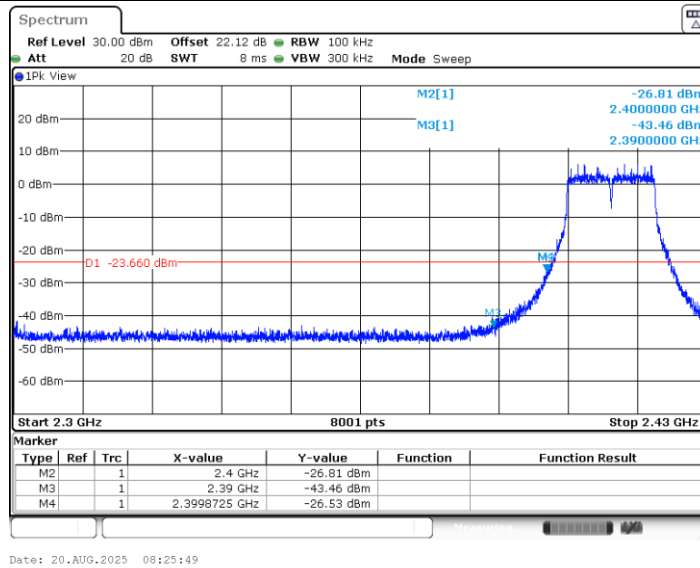


11B-CDD_Ant7_High_2462

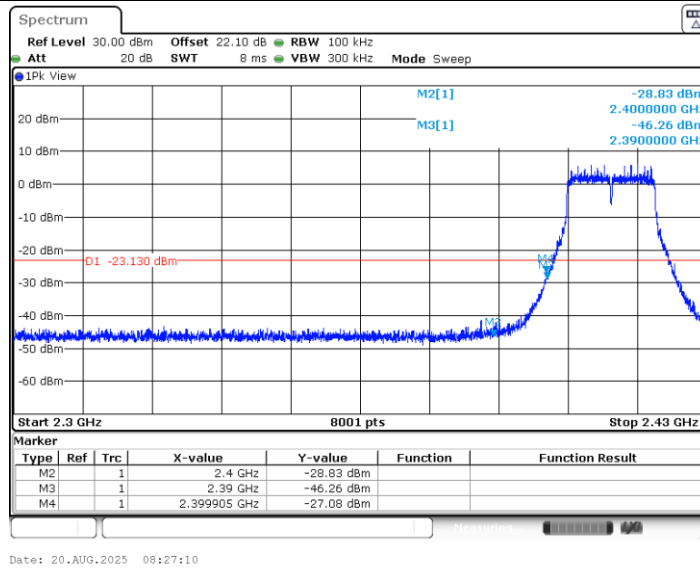




11G-CDD_Ant6_Low_2412

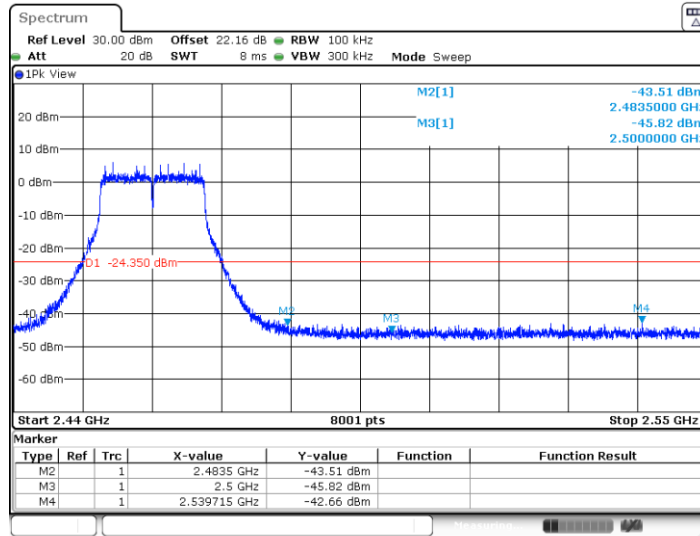


11G-CDD_Ant7_Low_2412

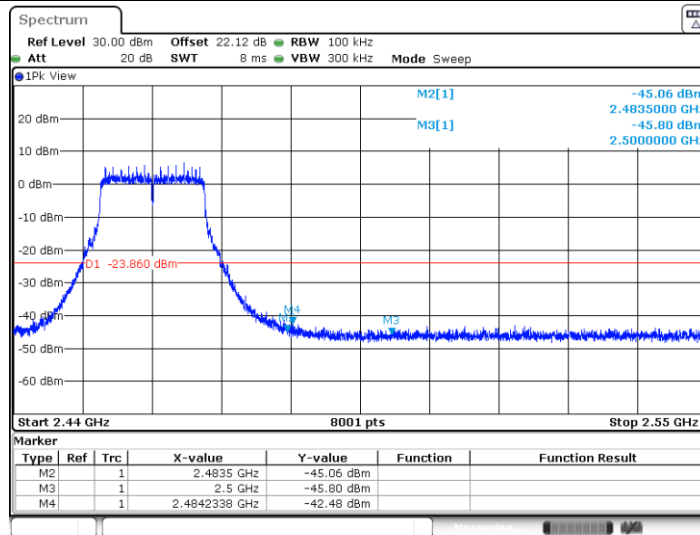




11G-CDD_Ant6_High_2462

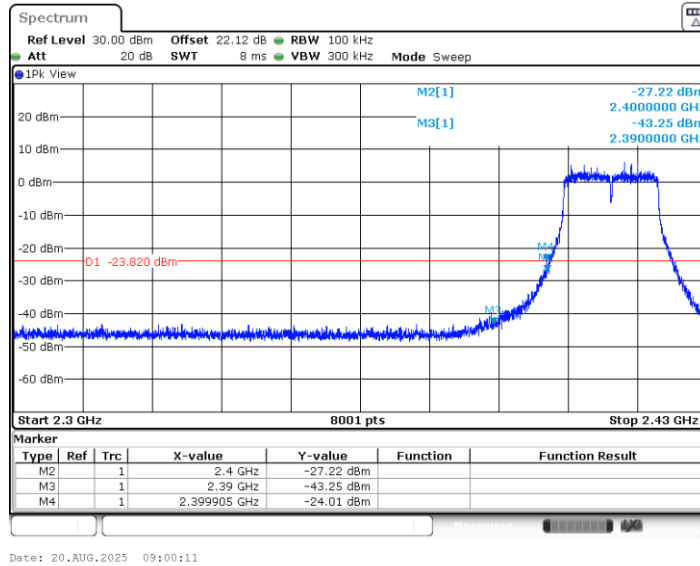


11G-CDD_Ant7_High_2462

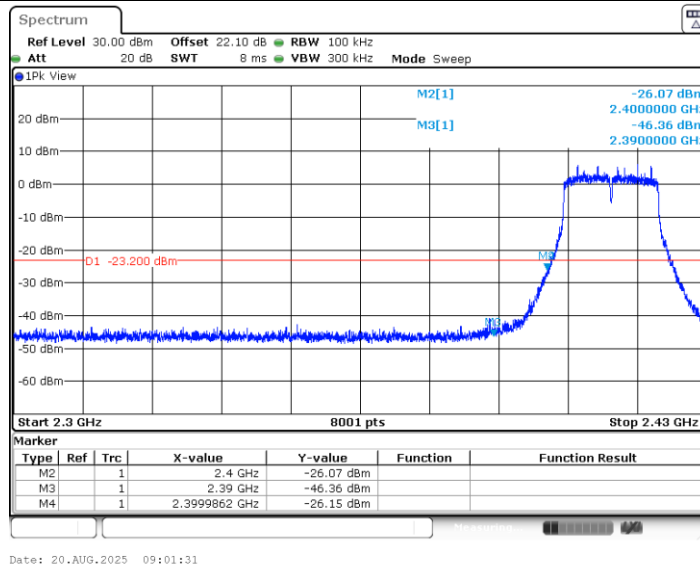




11AC20MIMO_Ant6_Low_2412

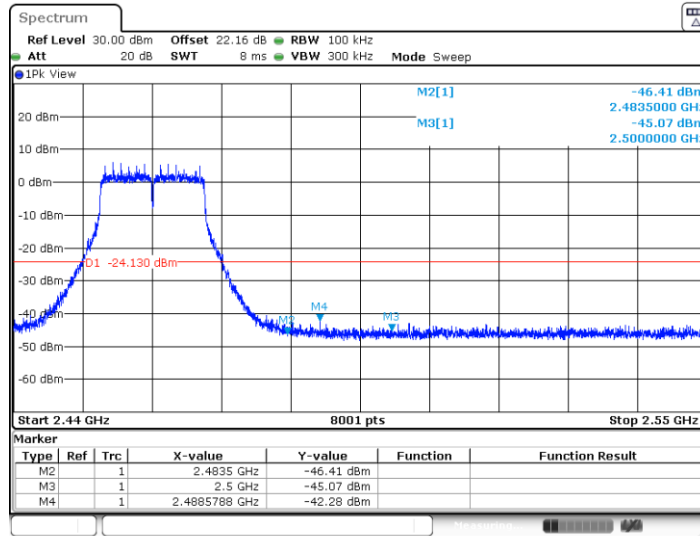


11AC20MIMO_Ant7_Low_2412

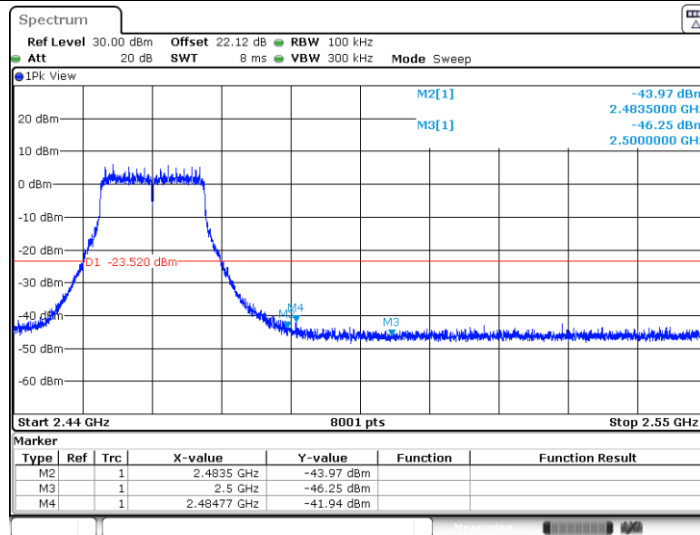




11AC20MIMO_Ant6_High_2462

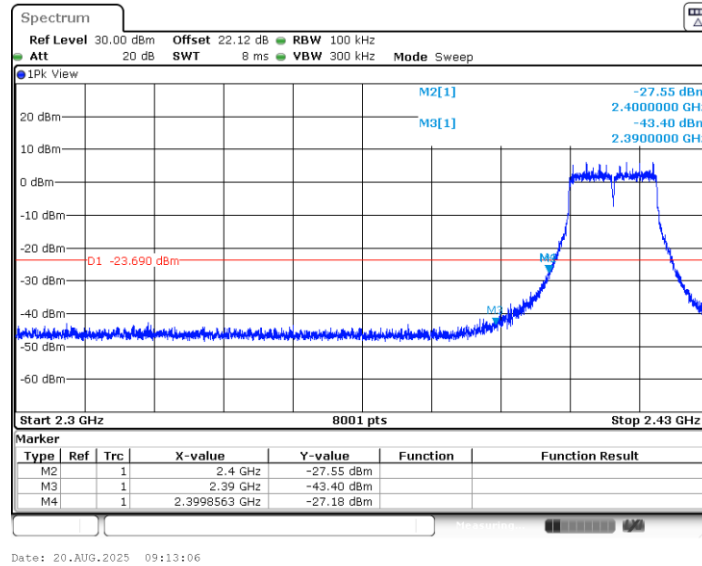


11AC20MIMO_Ant7_High_2462

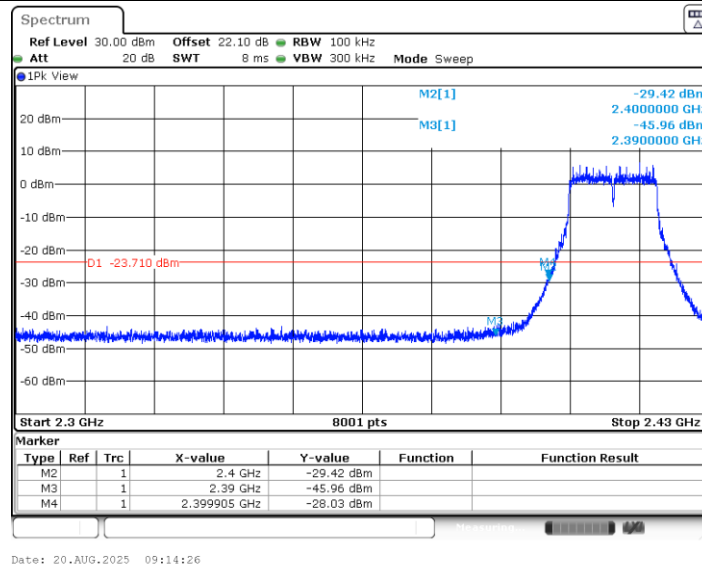




11BE20MIMO_Ant6_Low_2412

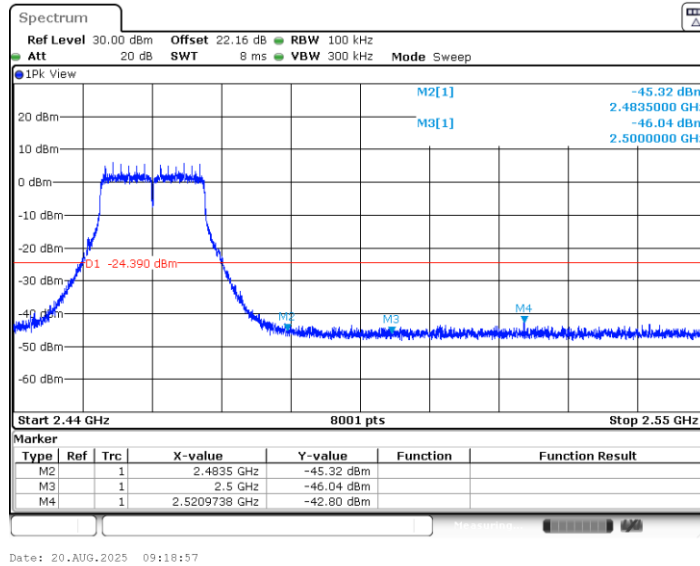


11BE20MIMO_Ant7_Low_2412

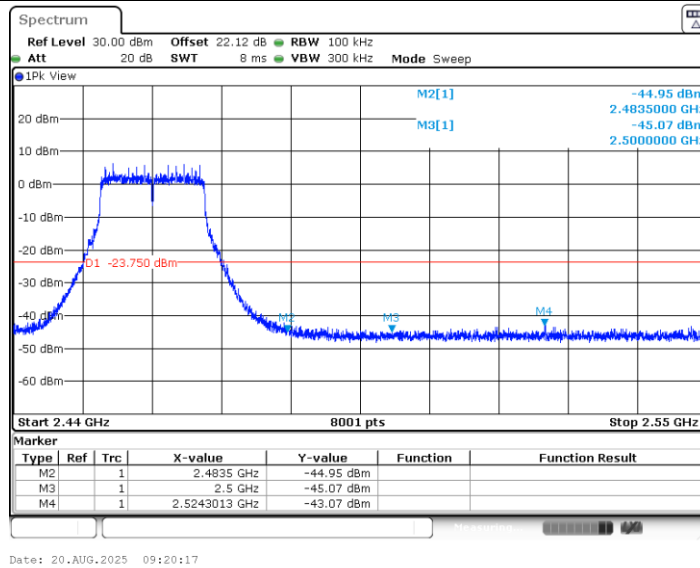




11BE20MIMO_Ant6_High_2462



11BE20MIMO_Ant7_High_2462





Conducted Spurious Emission

Test Result

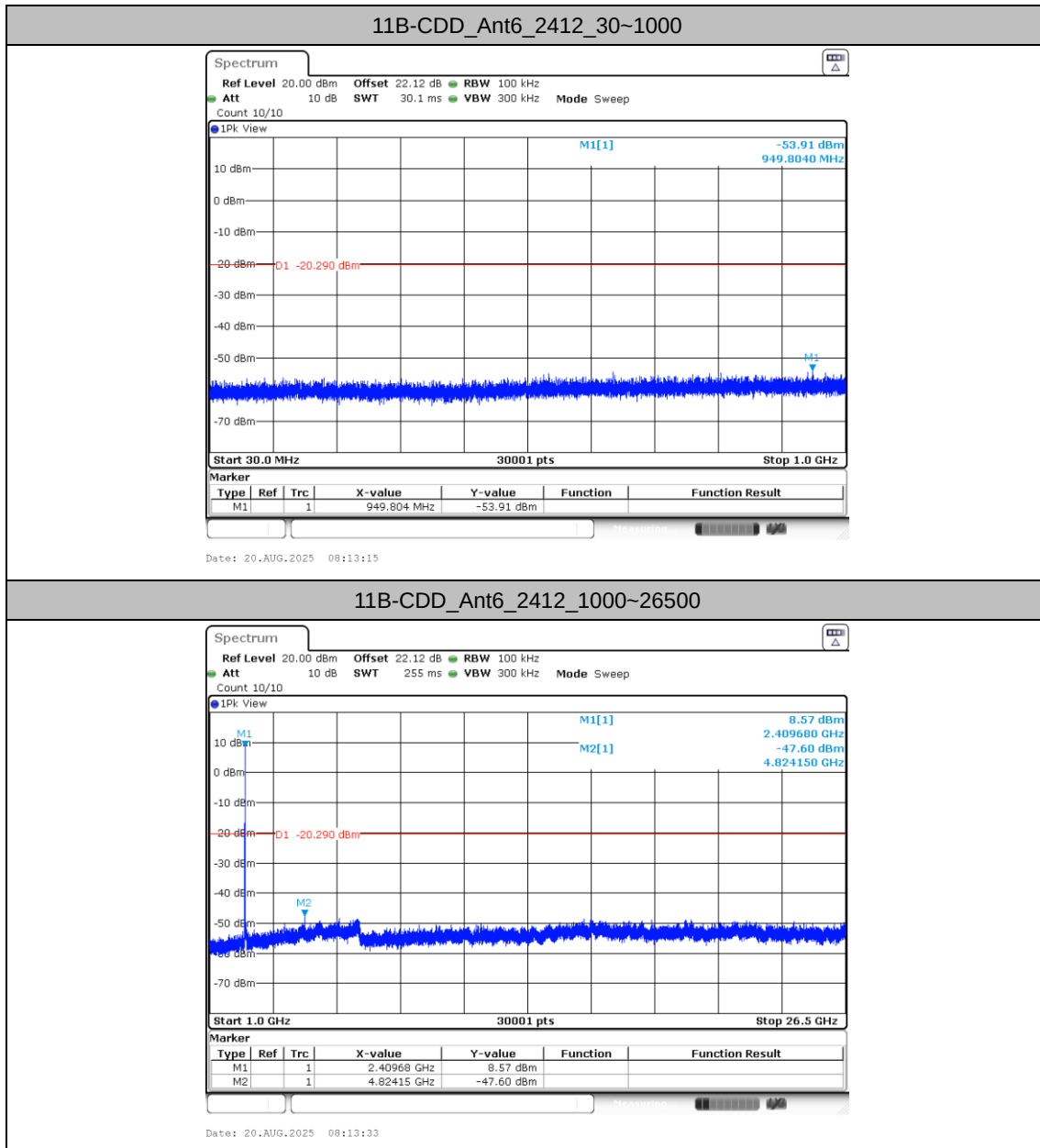
TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
11B-CDD	Ant6	2412	30~1000	9.71	-53.91	≤-20.29	PASS
			1000~26500	9.71	-47.6	≤-20.29	PASS
	Ant7	2412	30~1000	9.76	-54.6	≤-20.24	PASS
			1000~26500	9.76	-46.71	≤-20.24	PASS
	Ant6	2437	30~1000	13.53	-54.94	≤-16.47	PASS
			1000~26500	13.53	-43.12	≤-16.47	PASS
	Ant7	2437	30~1000	12.51	-53.83	≤-17.49	PASS
			1000~26500	12.51	-44.77	≤-17.49	PASS
	Ant6	2462	30~1000	9.35	-54.05	≤-20.65	PASS
			1000~26500	9.35	-48.01	≤-20.65	PASS
	Ant7	2462	30~1000	9.53	-54.24	≤-20.47	PASS
			1000~26500	9.53	-47.1	≤-20.47	PASS
11G-CDD	Ant6	2412	30~1000	6.34	-53.57	≤-23.66	PASS
			1000~26500	6.34	-48.18	≤-23.66	PASS
	Ant7	2412	30~1000	6.87	-54.97	≤-23.13	PASS
			1000~26500	6.87	-47.28	≤-23.13	PASS
	Ant6	2437	30~1000	8.28	-54.53	≤-21.72	PASS
			1000~26500	8.28	-48.06	≤-21.72	PASS
	Ant7	2437	30~1000	8.94	-54.13	≤-21.06	PASS
			1000~26500	8.94	-47.51	≤-21.06	PASS
	Ant6	2462	30~1000	5.65	-54.09	≤-24.35	PASS
			1000~26500	5.65	-47.71	≤-24.35	PASS
	Ant7	2462	30~1000	6.14	-54.42	≤-23.86	PASS
			1000~26500	6.14	-47.85	≤-23.86	PASS
11AC20MIMO	Ant6	2412	30~1000	6.18	-54.04	≤-23.82	PASS
			1000~26500	6.18	-47.53	≤-23.82	PASS
	Ant7	2412	30~1000	6.80	-54.18	≤-23.20	PASS
			1000~26500	6.80	-47.39	≤-23.20	PASS
	Ant6	2437	30~1000	5.22	-54.75	≤-24.78	PASS
			1000~26500	5.22	-47.99	≤-24.78	PASS
	Ant7	2437	30~1000	7.95	-54.17	≤-22.05	PASS
			1000~26500	7.95	-47.71	≤-22.05	PASS
	Ant6	2462	30~1000	5.87	-54.29	≤-24.13	PASS
			1000~26500	5.87	-47.89	≤-24.13	PASS



	Ant7	2462	30~1000	6.48	-54.11	≤ -23.52	PASS
			1000~26500	6.48	-47.93	≤ -23.52	PASS
11BE20MIMO	Ant6	2412	30~1000	6.31	-54.22	≤ -23.69	PASS
			1000~26500	6.31	-47.19	≤ -23.69	PASS
	Ant7	2412	30~1000	6.29	-54.83	≤ -23.71	PASS
			1000~26500	6.29	-48.19	≤ -23.71	PASS
	Ant6	2437	30~1000	8.09	-54.19	≤ -21.91	PASS
			1000~26500	8.09	-48.15	≤ -21.91	PASS
	Ant7	2437	30~1000	8.19	-53.74	≤ -21.81	PASS
			1000~26500	8.19	-47.72	≤ -21.81	PASS
	Ant6	2462	30~1000	5.61	-53.9	≤ -24.39	PASS
			1000~26500	5.61	-48.26	≤ -24.39	PASS
	Ant7	2462	30~1000	6.25	-54.5	≤ -23.75	PASS
			1000~26500	6.25	-48.59	≤ -23.75	PASS

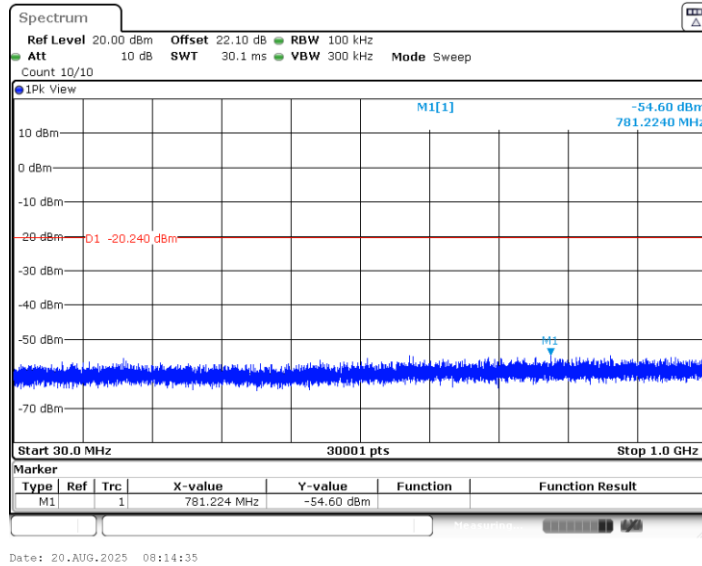


Test Graphs

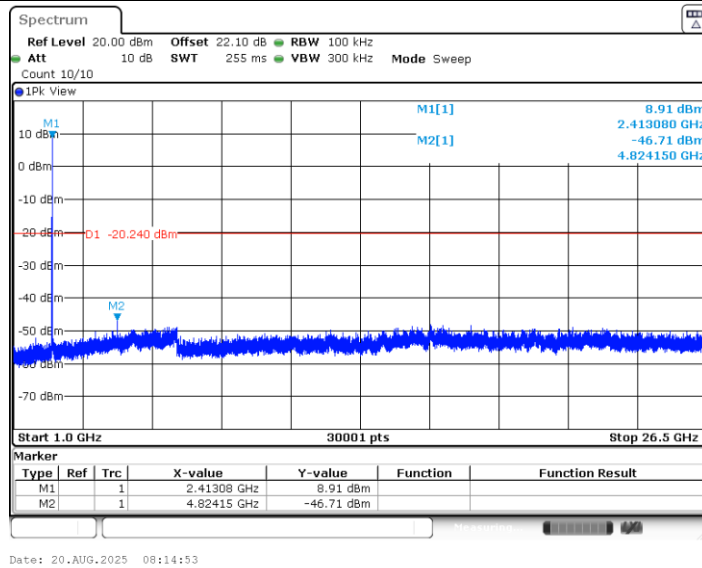




11B-CDD_Ant7_2412_30~1000

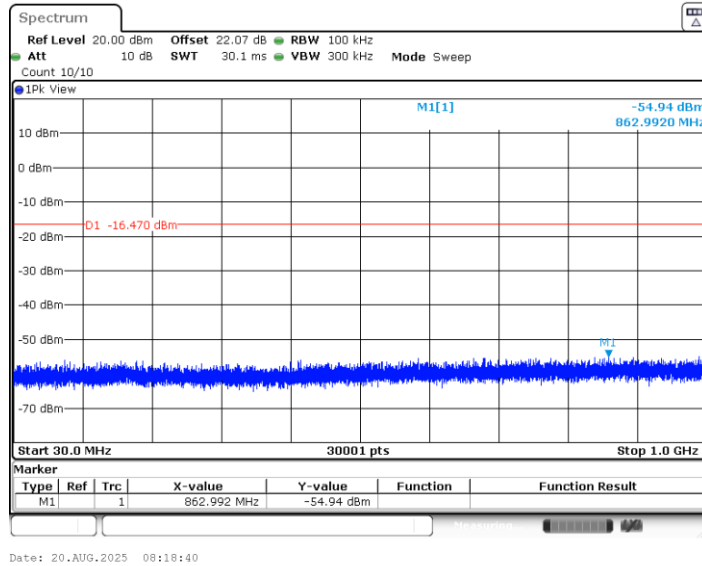


11B-CDD_Ant7_2412_1000~26500

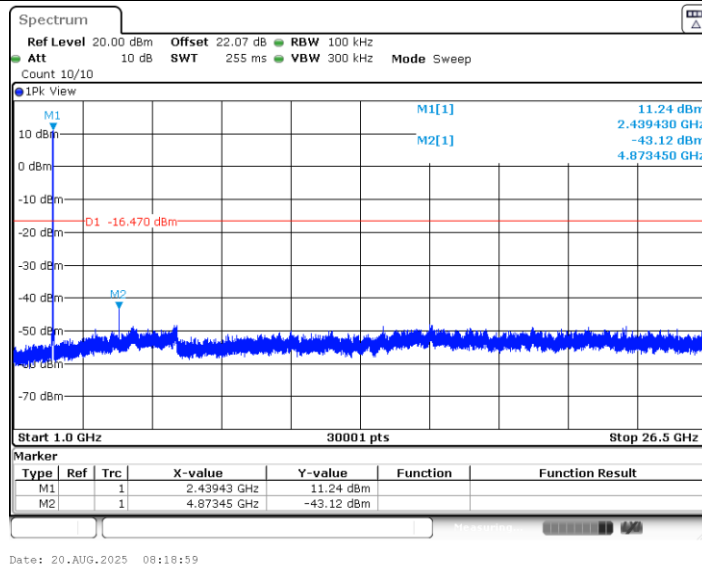




11B-CDD_Ant6_2437_30~1000

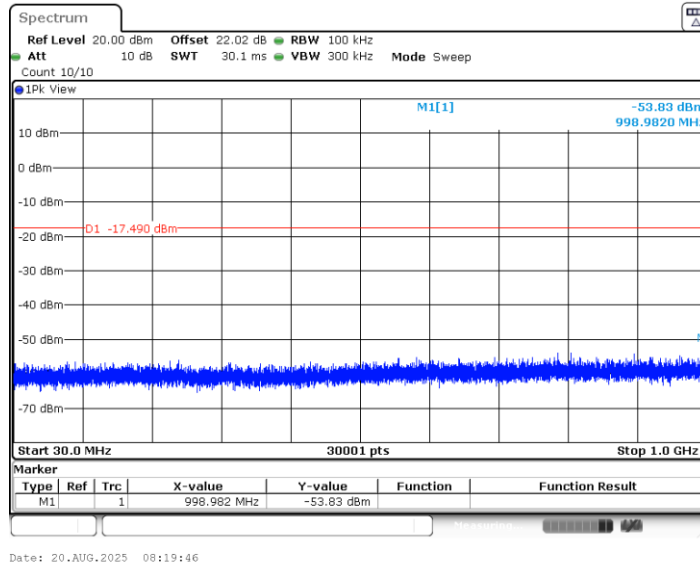


11B-CDD_Ant6_2437_1000~26500

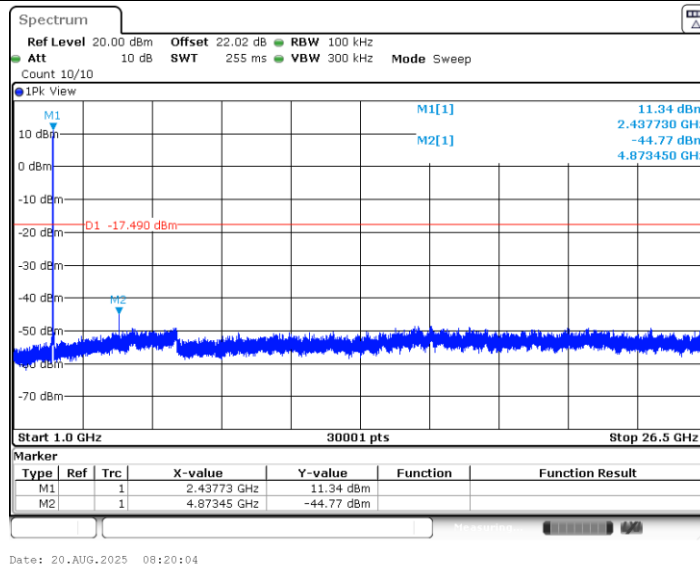




11B-CDD_Ant7_2437_30~1000

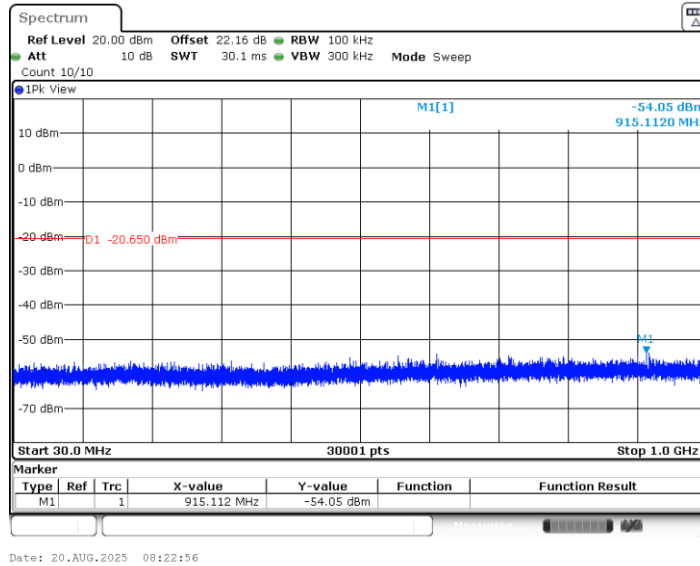


11B-CDD_Ant7_2437_1000~26500

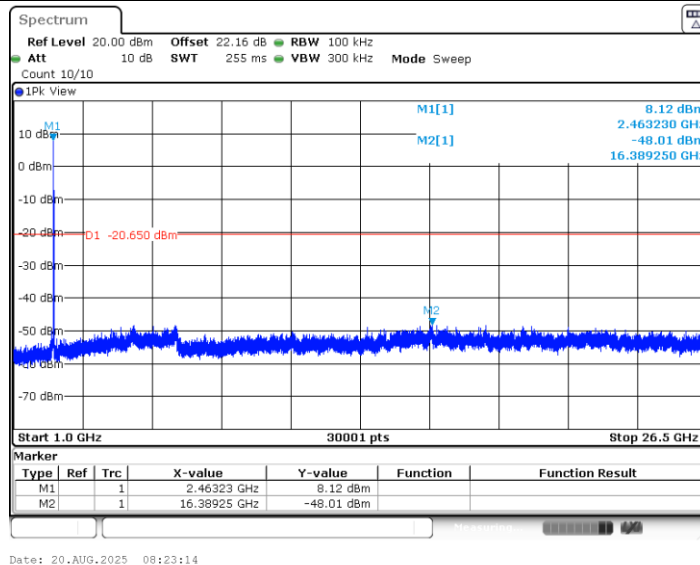




11B-CDD_Ant6_2462_30~1000

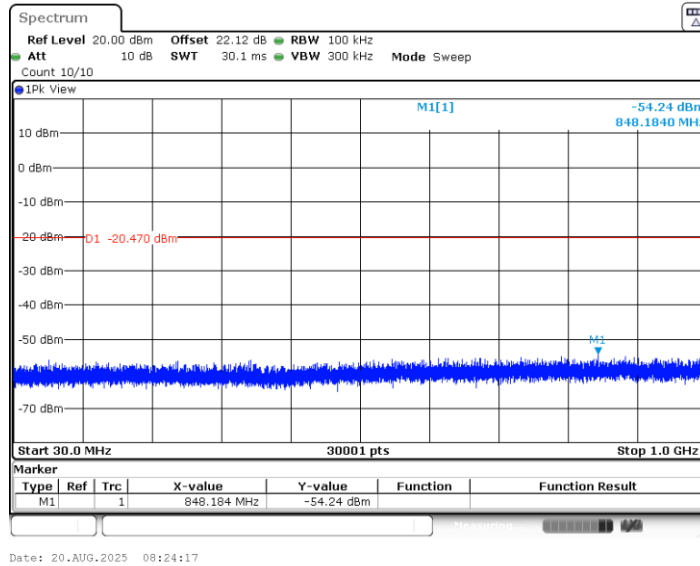


11B-CDD_Ant6_2462_1000~26500

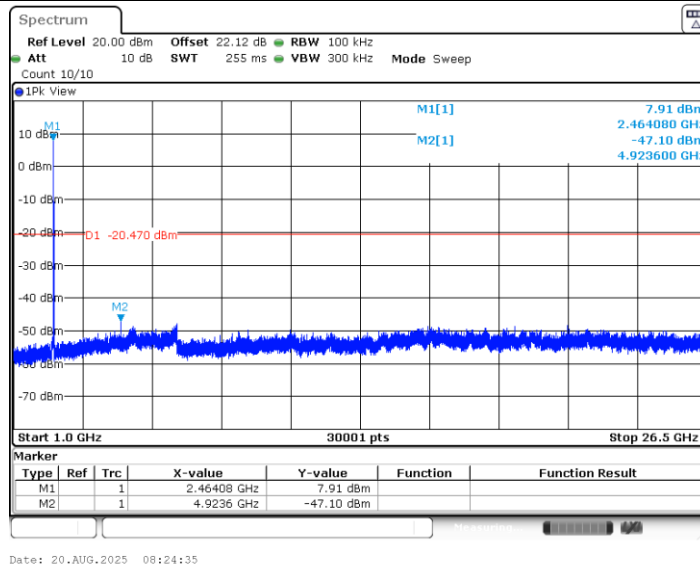




11B-CDD_Ant7_2462_30~1000

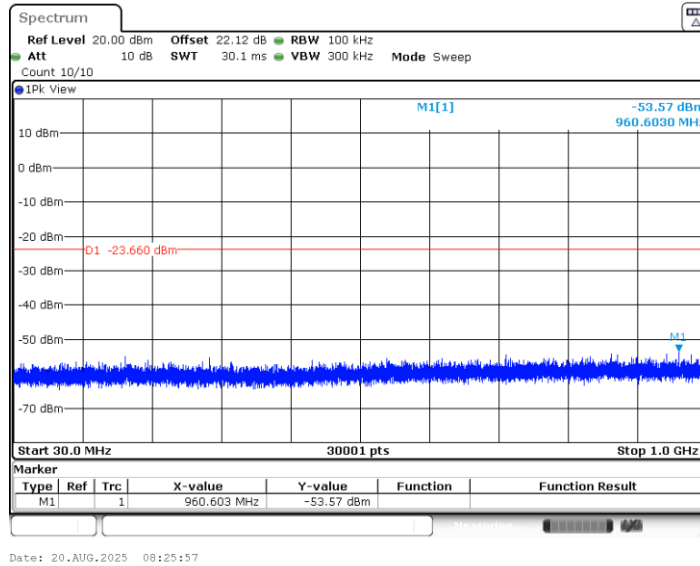


11B-CDD_Ant7_2462_1000~26500

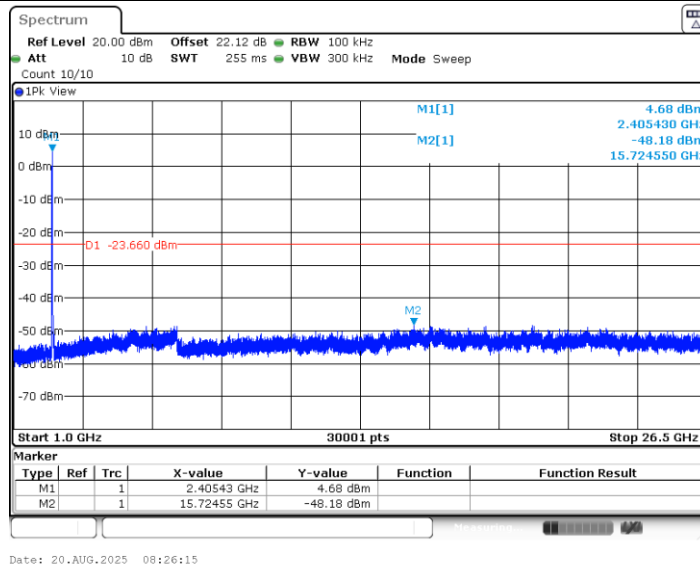




11G-CDD_Ant6_2412_30~1000

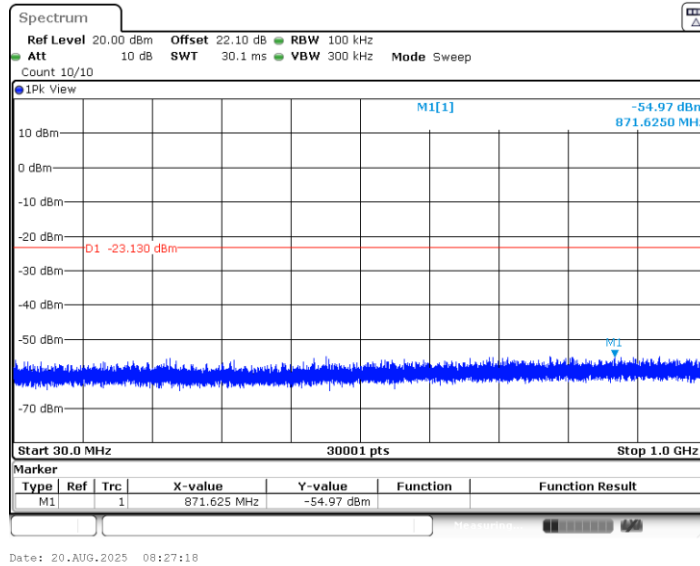


11G-CDD_Ant6_2412_1000~26500

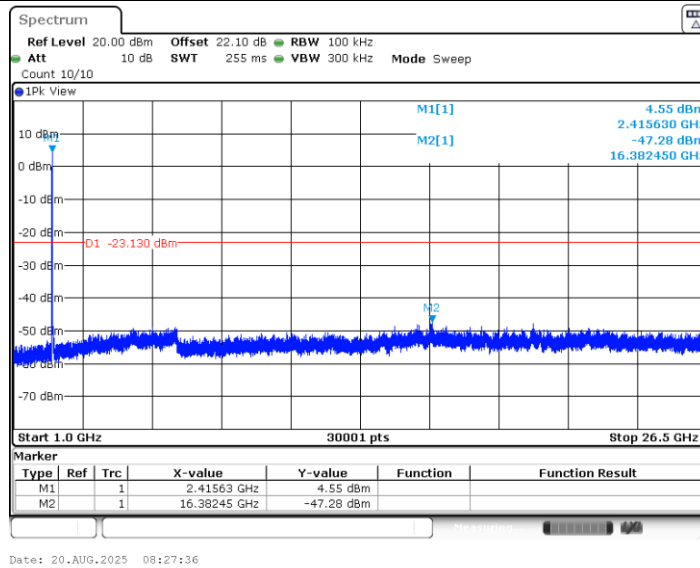




11G-CDD_Ant7_2412_30~1000

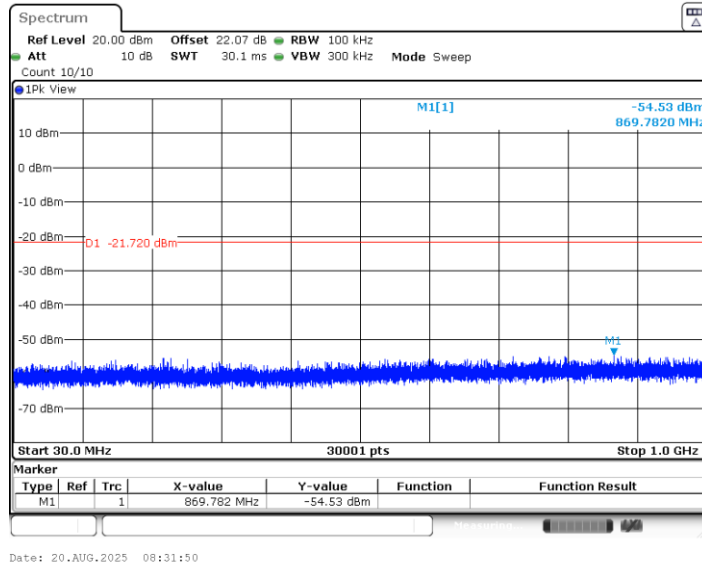


11G-CDD_Ant7_2412_1000~26500

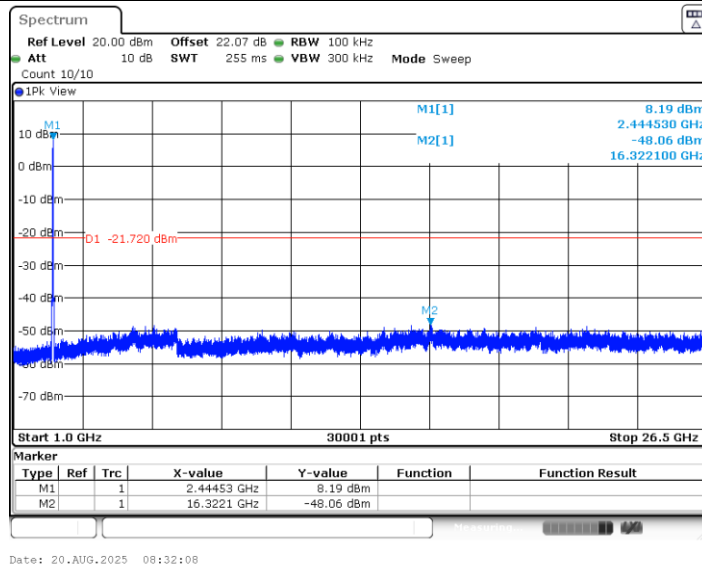




11G-CDD_Ant6_2437_30~1000

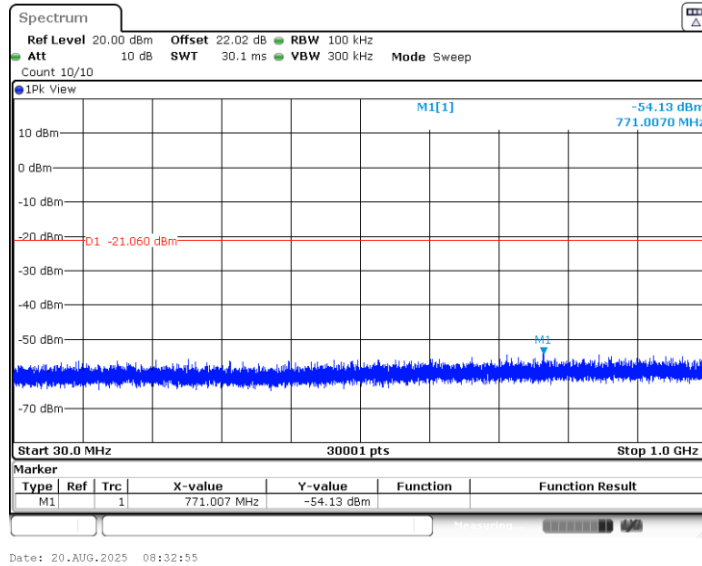


11G-CDD_Ant6_2437_1000~26500

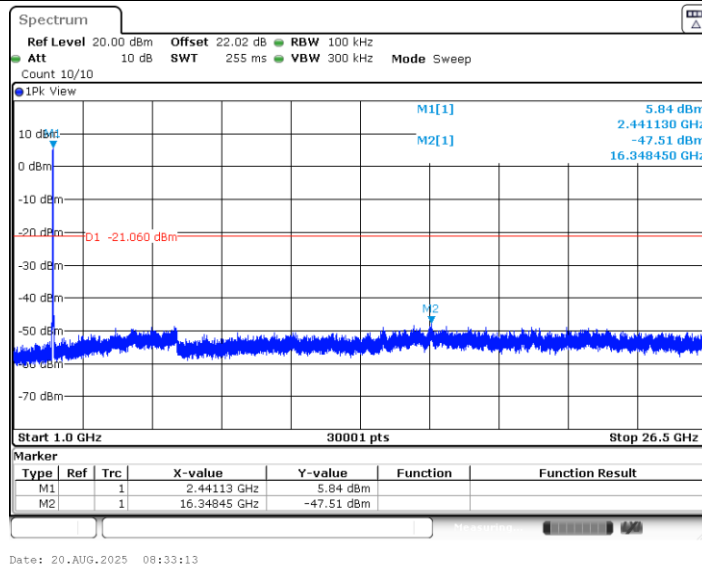




11G-CDD_Ant7_2437_30~1000

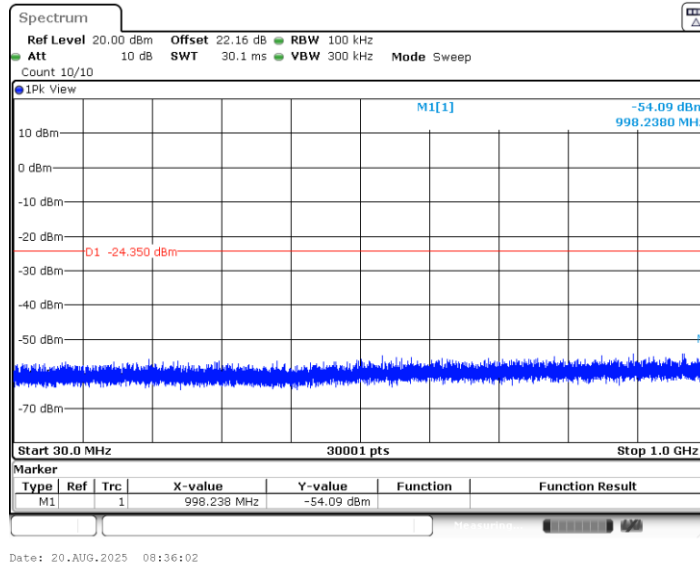


11G-CDD_Ant7_2437_1000~26500

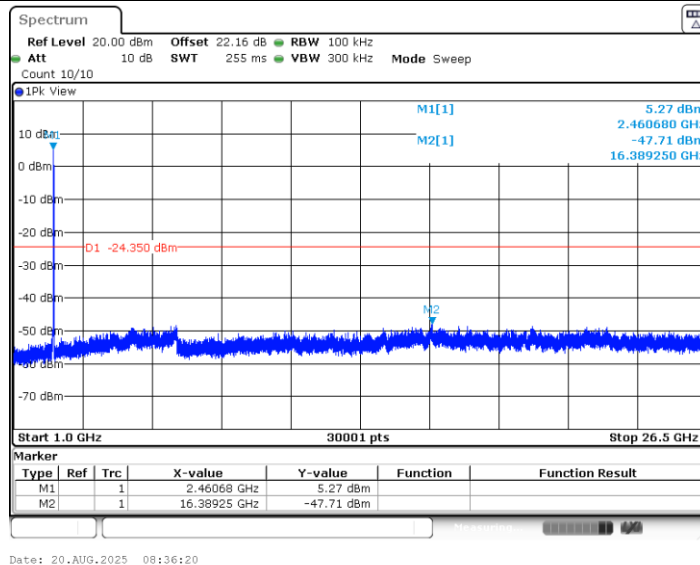




11G-CDD_Ant6_2462_30~1000

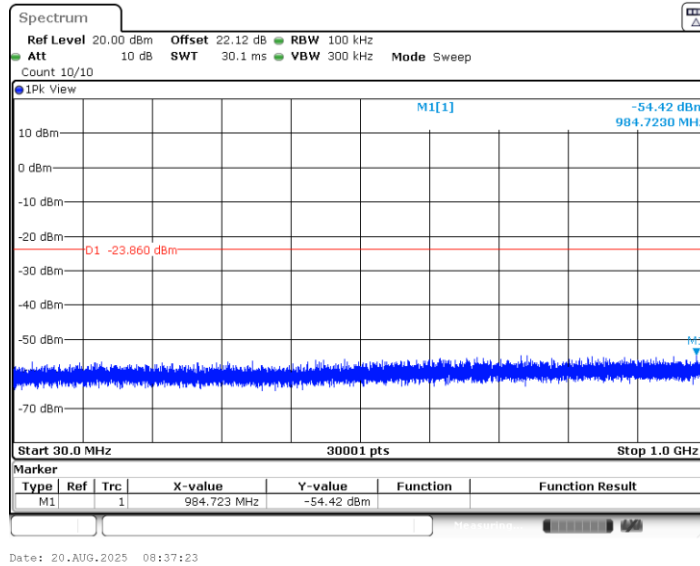


11G-CDD_Ant6_2462_1000~26500

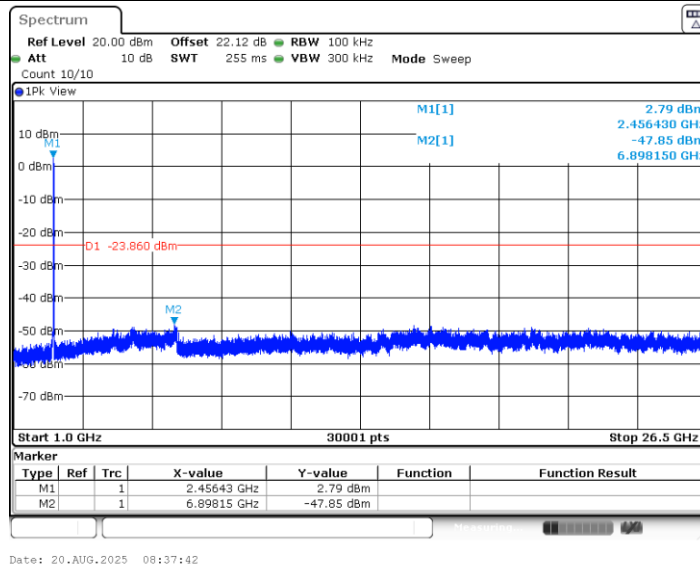




11G-CDD_Ant7_2462_30~1000

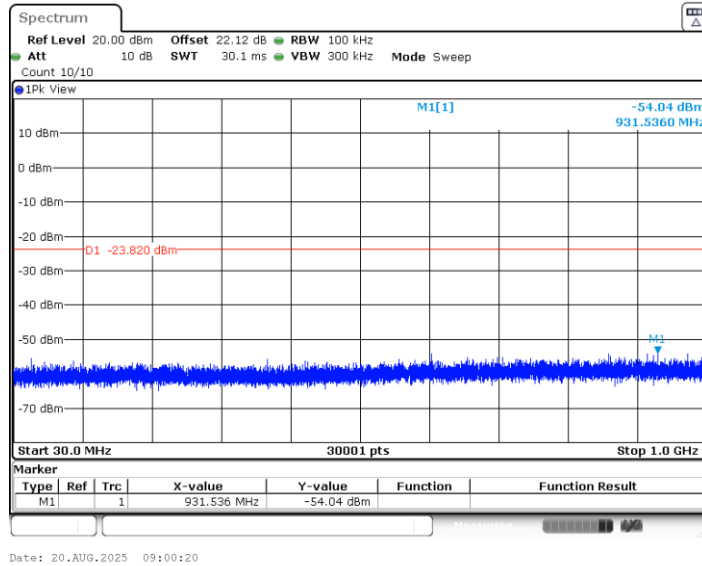


11G-CDD_Ant7_2462_1000~26500

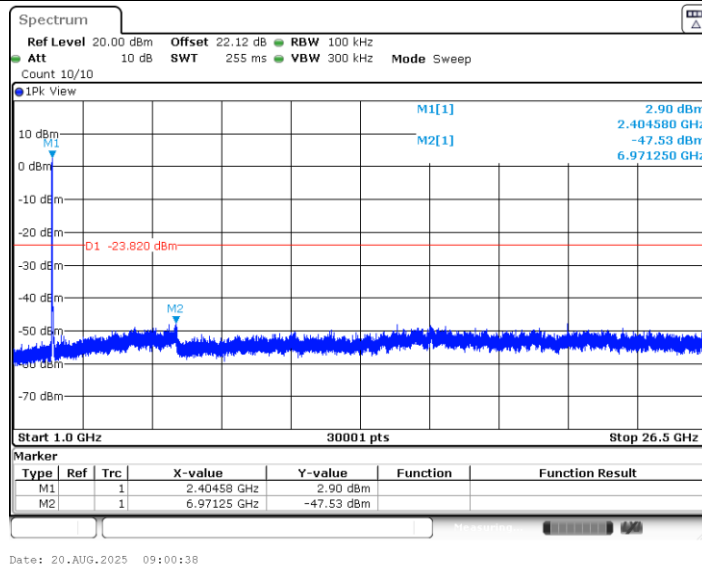




11AC20MIMO_Ant6_2412_30~1000

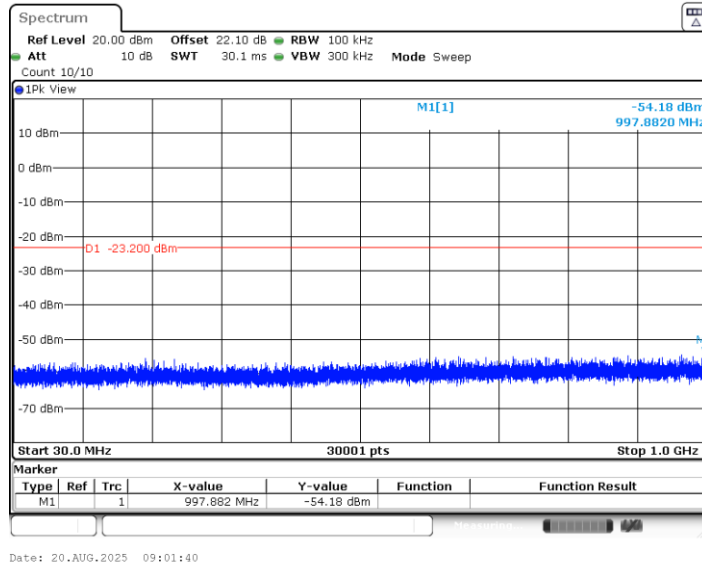


11AC20MIMO_Ant6_2412_1000~26500

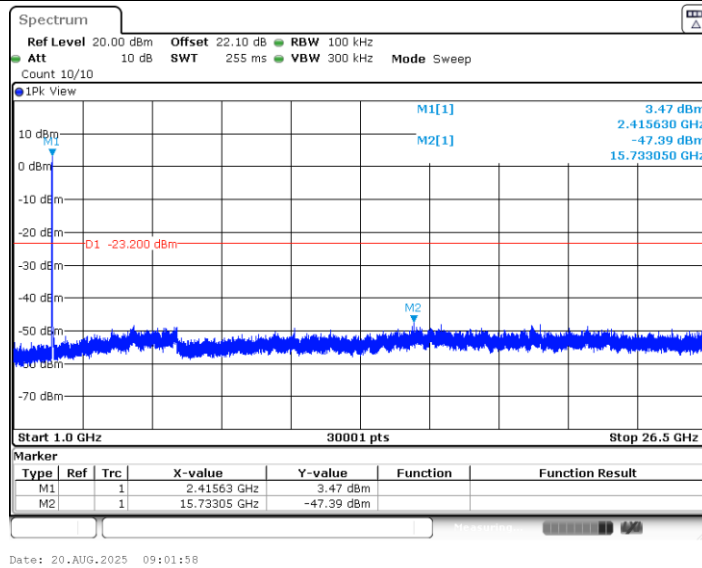




11AC20MIMO_Ant7_2412_30~1000

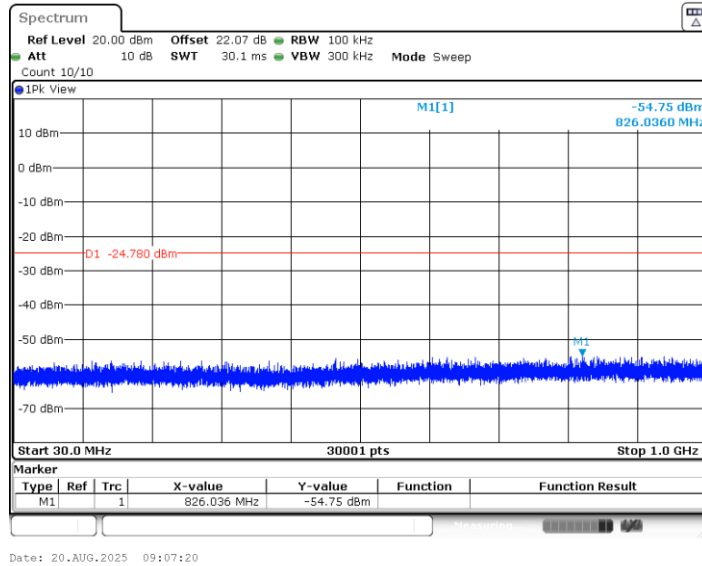


11AC20MIMO_Ant7_2412_1000~26500

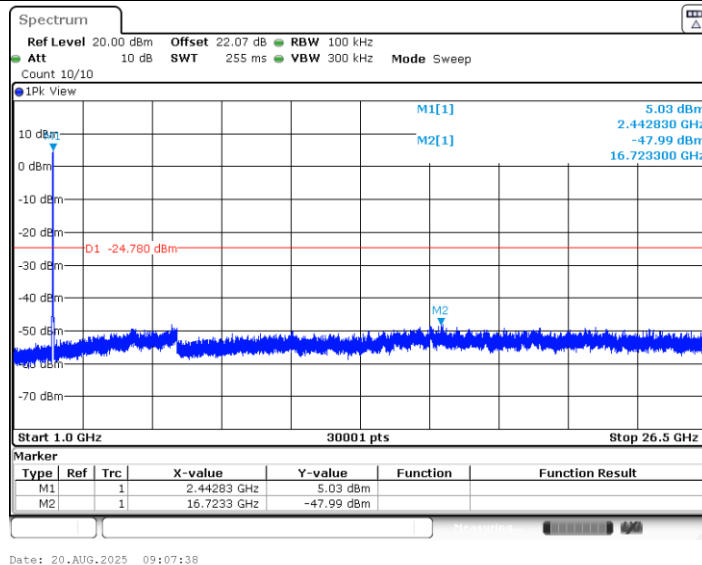




11AC20MIMO_Ant6_2437_30~1000

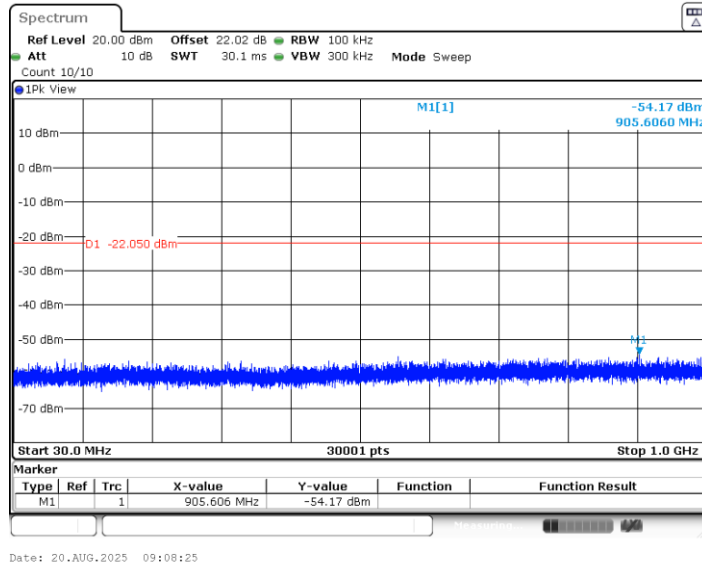


11AC20MIMO_Ant6_2437_1000~26500

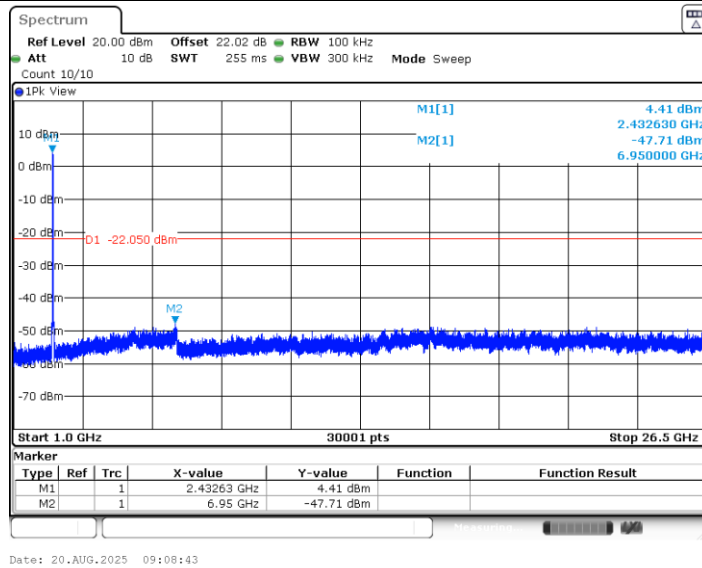




11AC20MIMO_Ant7_2437_30~1000

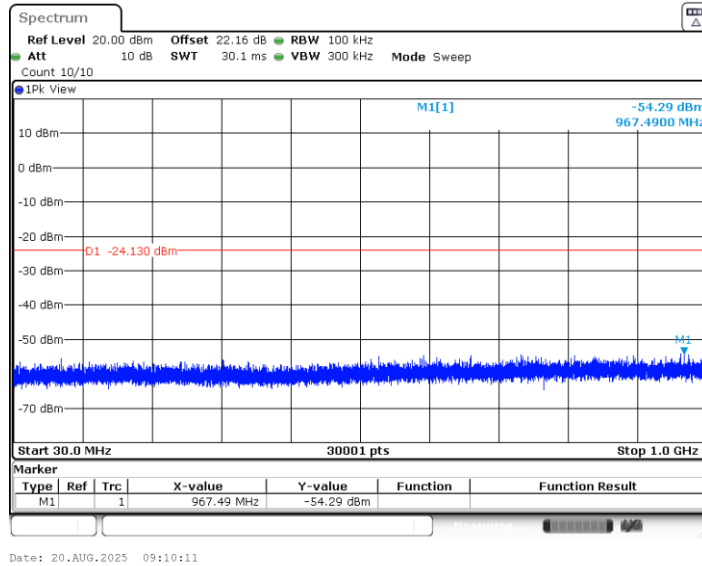


11AC20MIMO_Ant7_2437_1000~26500

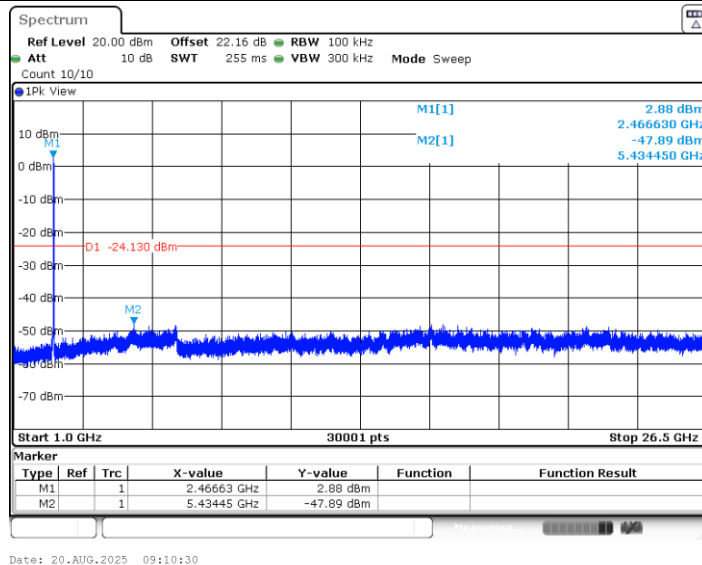




11AC20MIMO_Ant6_2462_30~1000

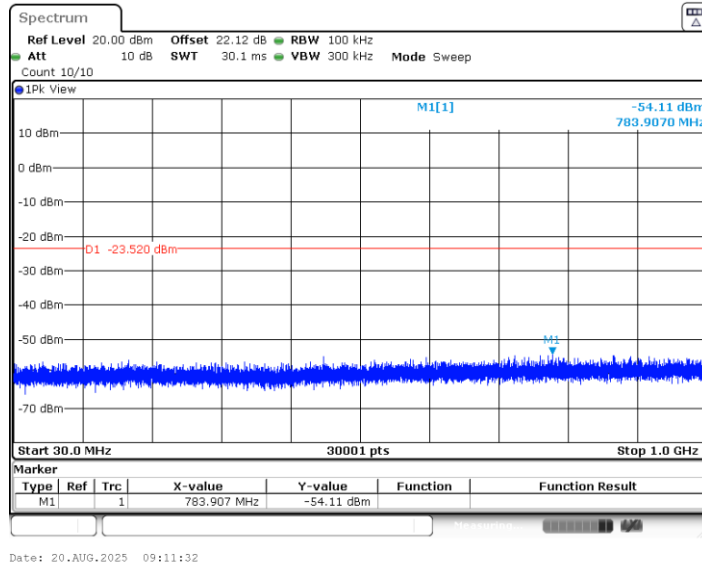


11AC20MIMO_Ant6_2462_1000~26500

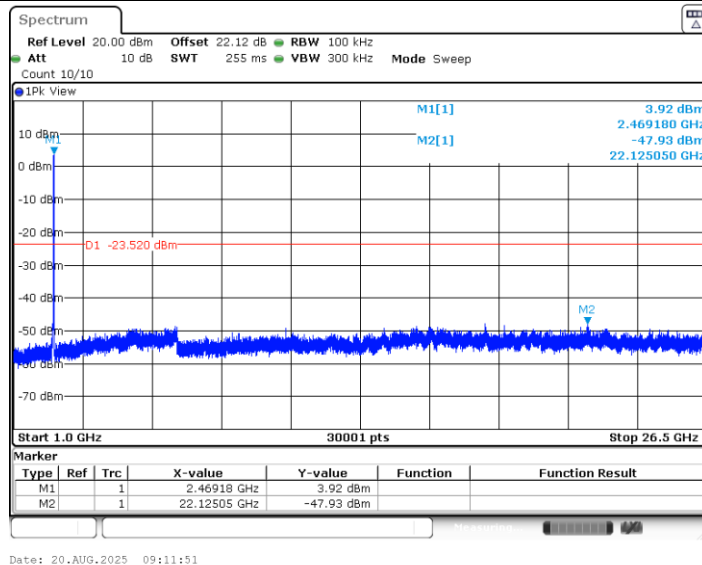




11AC20MIMO_Ant7_2462_30~1000

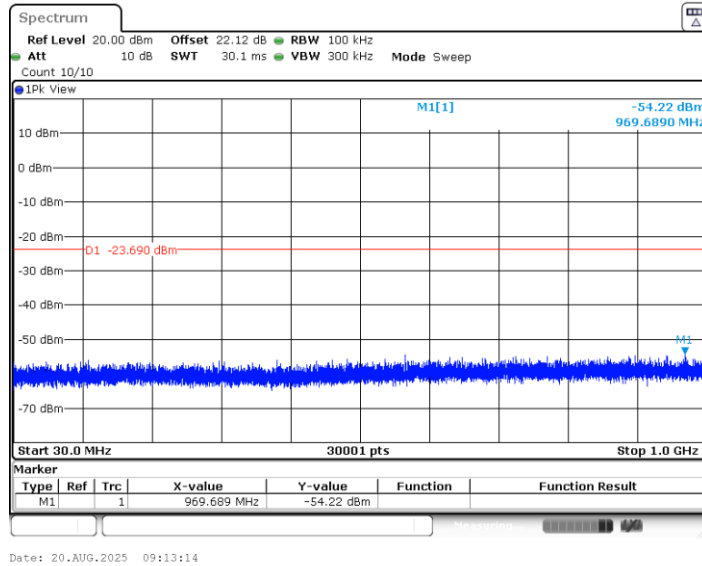


11AC20MIMO_Ant7_2462_1000~26500

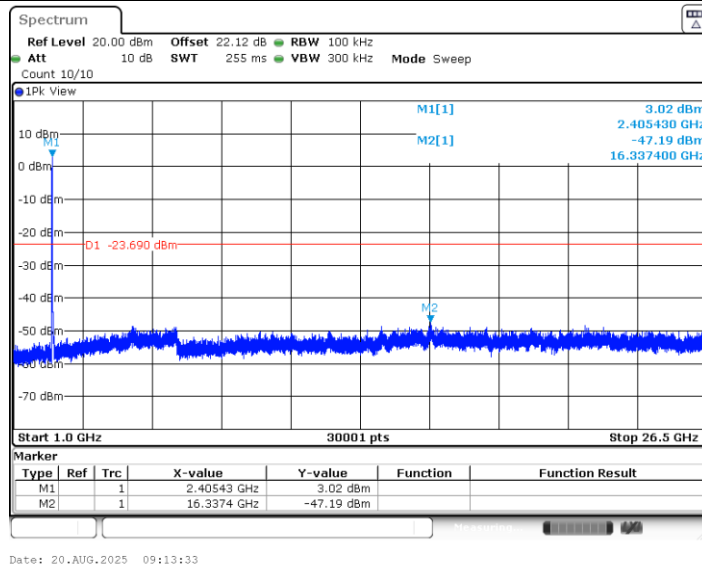




11BE20MIMO_Ant6_2412_30~1000

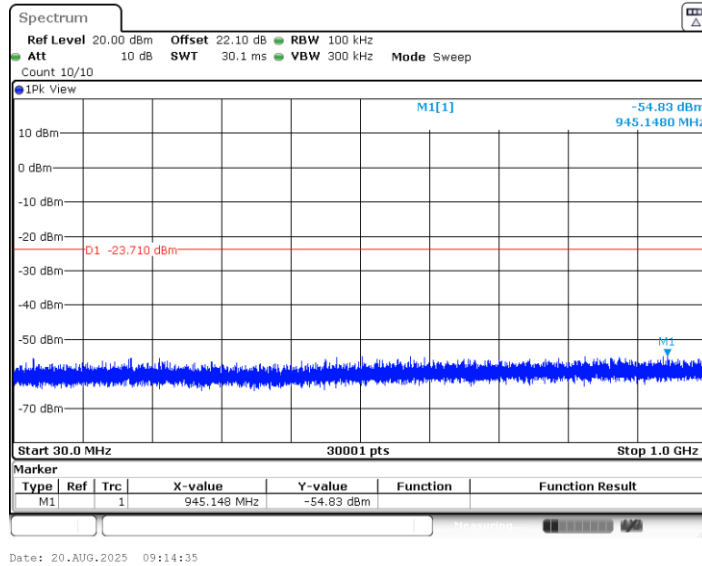


11BE20MIMO_Ant6_2412_1000~26500

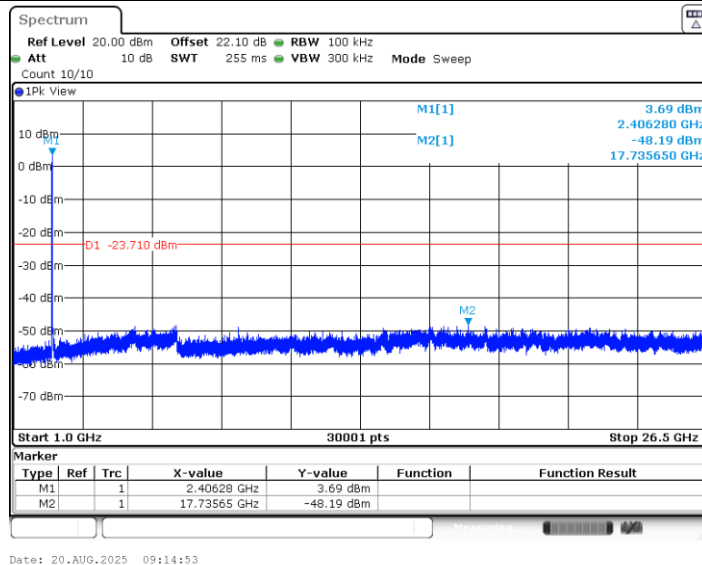




11BE20MIMO_Ant7_2412_30~1000

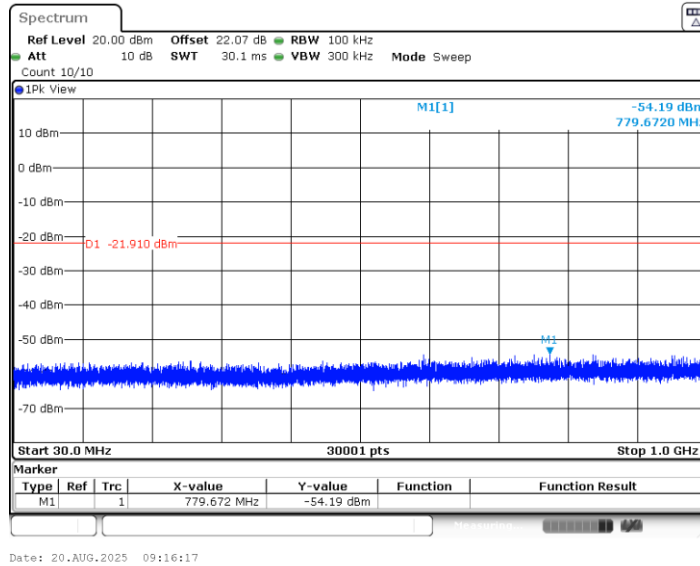


11BE20MIMO_Ant7_2412_1000~26500

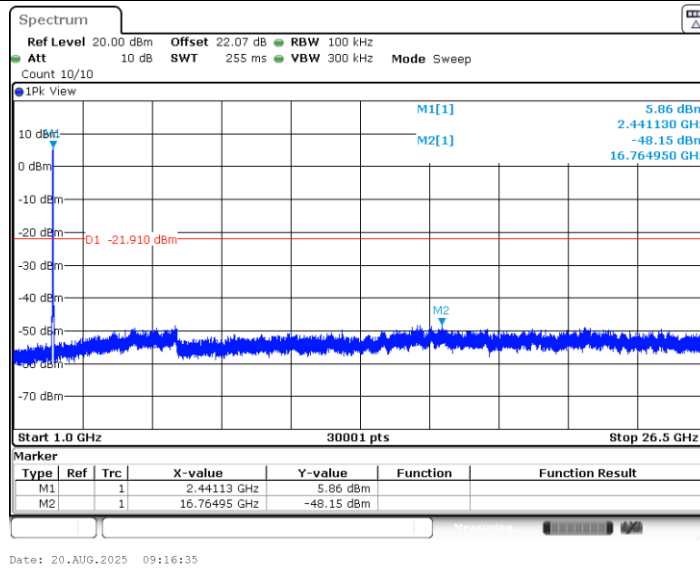




11BE20MIMO_Ant6_2437_30~1000

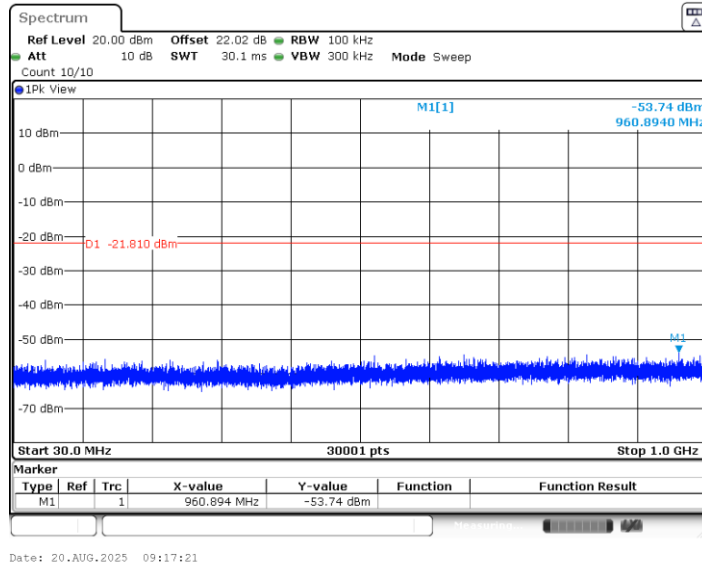


11BE20MIMO_Ant6_2437_1000~26500

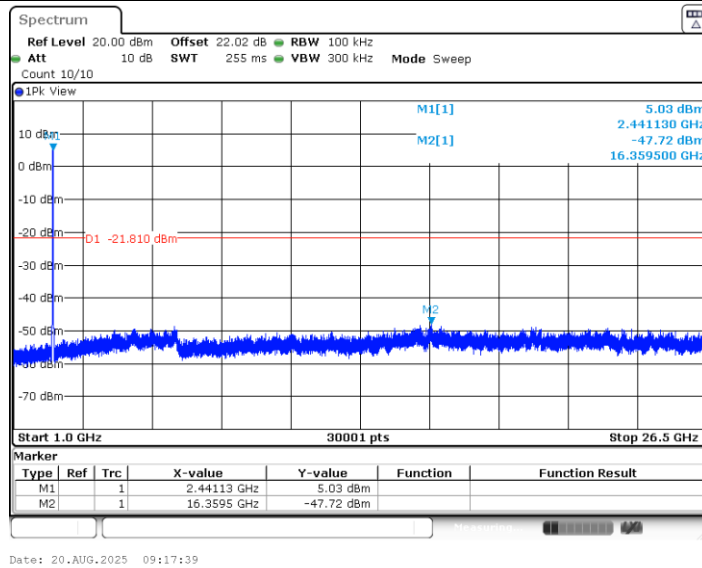




11BE20MIMO_Ant7_2437_30~1000

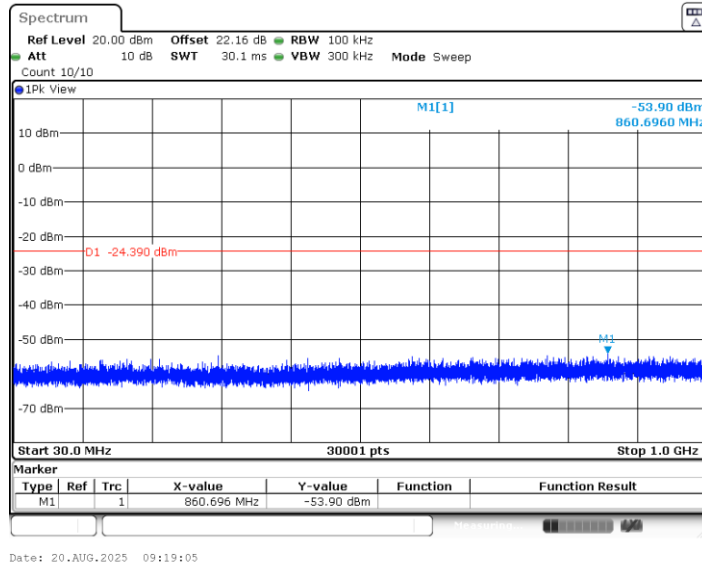


11BE20MIMO_Ant7_2437_1000~26500

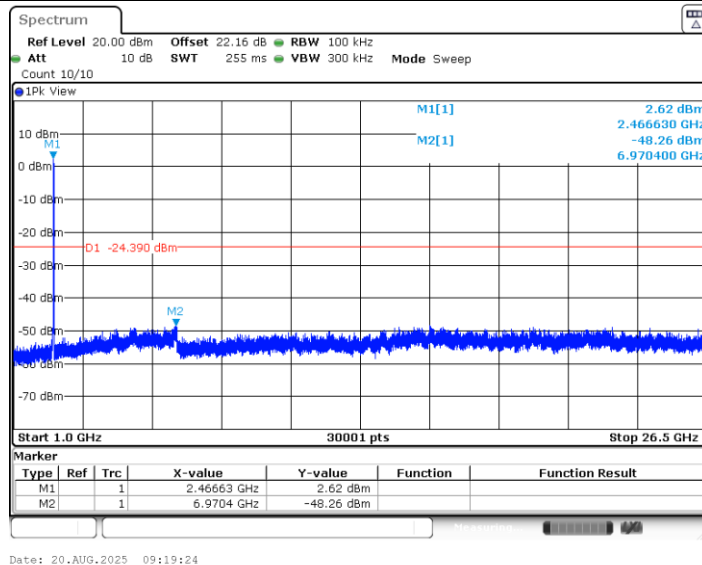




11BE20MIMO_Ant6_2462_30~1000

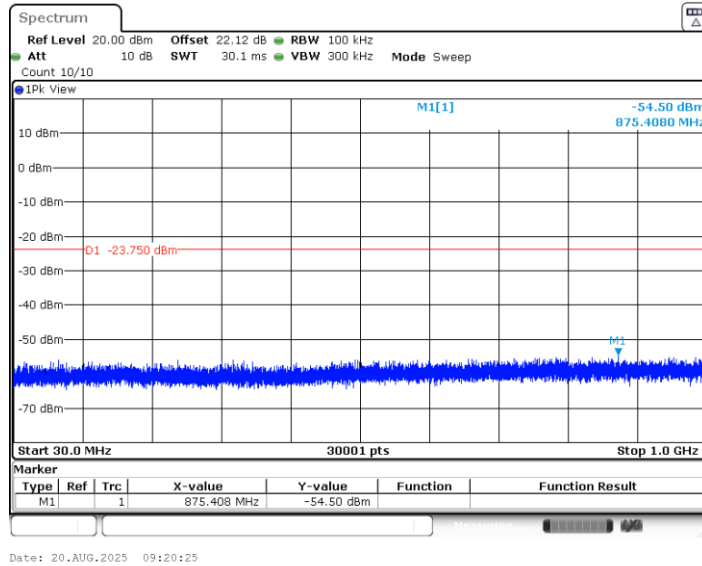


11BE20MIMO_Ant6_2462_1000~26500

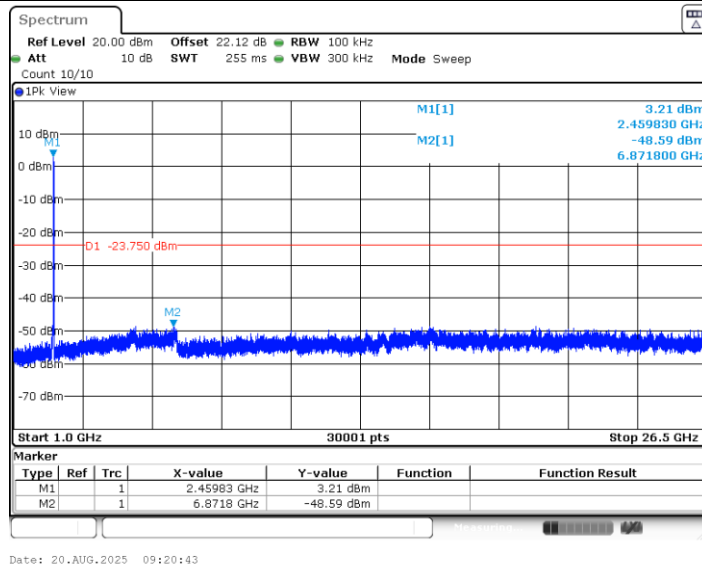




11BE20MIMO_Ant7_2462_30~1000



11BE20MIMO_Ant7_2462_1000~26500

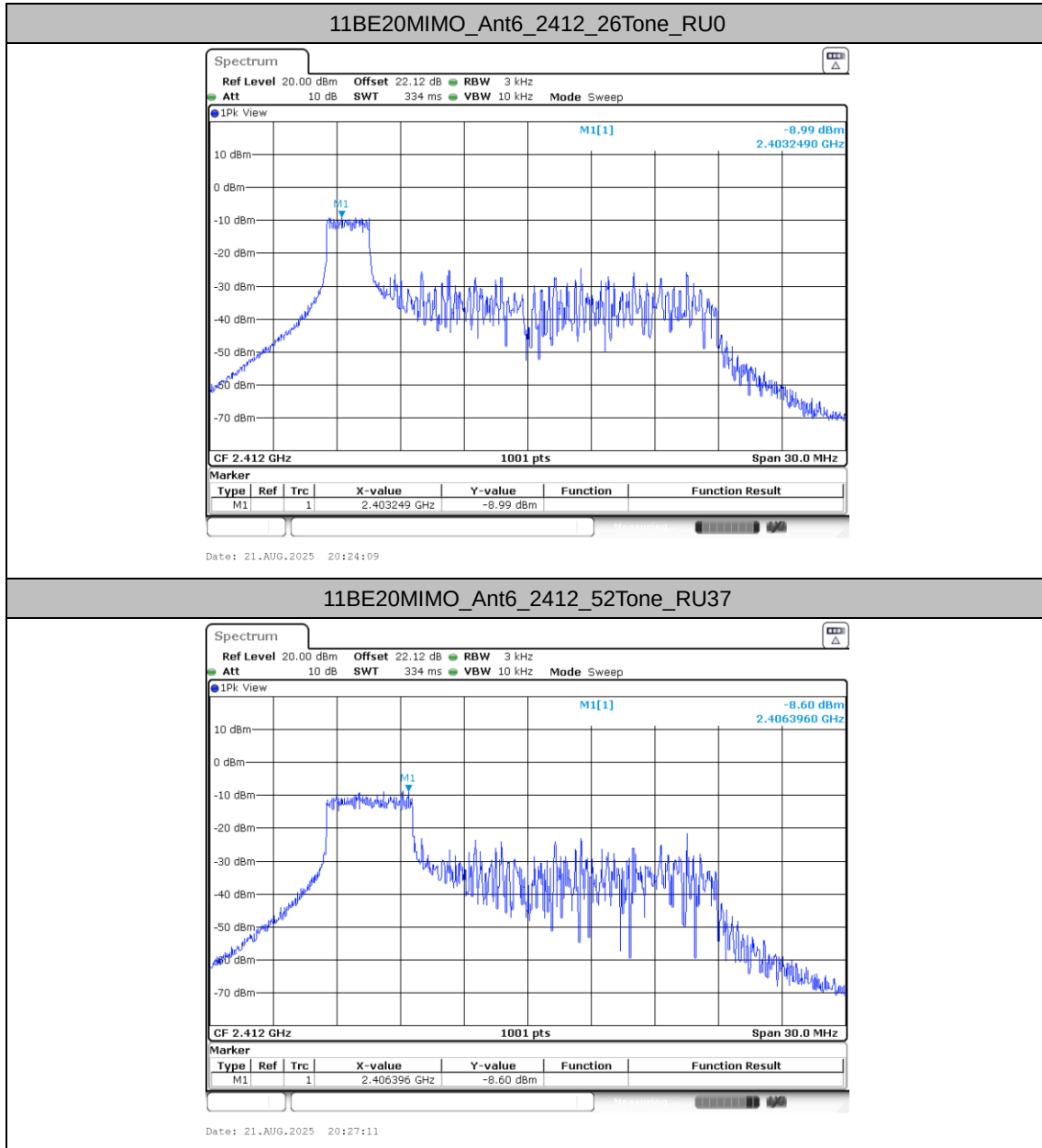


**<Single RU>****Maximum power spectral density****Test Result**

Test Mode	Antenna	Freq(MHz)	RuSize	RuIndex	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11BE20 MIMO	Ant6	2412	26Tone	RU0	-8.99	≤8.00	PASS
			52Tone	RU37	-8.6	≤8.00	PASS
			106Tone	RU53	-8.53	≤8.00	PASS
	Ant7	2412	26Tone	RU0	-8.89	≤8.00	PASS
			52Tone	RU37	-8.67	≤8.00	PASS
			106Tone	RU53	-8.3	≤8.00	PASS
	total	2412	26Tone	RU0	-5.93	≤8.00	PASS
			52Tone	RU37	-5.62	≤8.00	PASS
			106Tone	RU53	-5.40	≤8.00	PASS
	Ant6	2462	26Tone	RU8	-9.03	≤8.00	PASS
			52Tone	RU40	-9.18	≤8.00	PASS
			106Tone	RU54	-8.62	≤8.00	PASS
	Ant7	2462	26Tone	RU8	-9.4	≤8.00	PASS
			52Tone	RU40	-9.27	≤8.00	PASS
			106Tone	RU54	-9	≤8.00	PASS
	total	2462	26Tone	RU8	-6.20	≤8.00	PASS
			52Tone	RU40	-6.21	≤8.00	PASS
			106Tone	RU54	-5.80	≤8.00	PASS

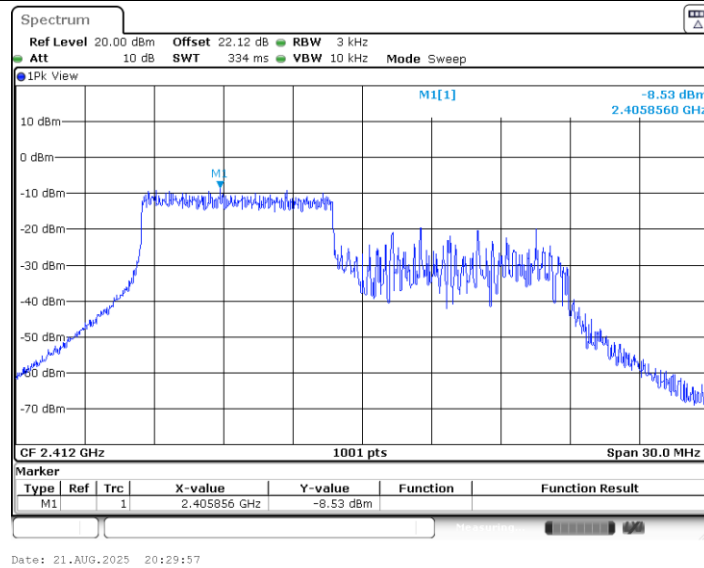


Test Graphs

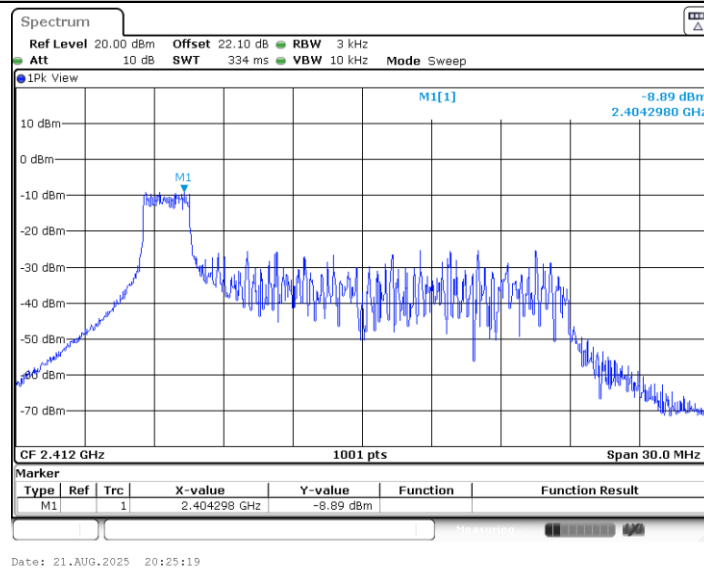




11BE20MIMO_Ant6_2412_106Tone_RU53

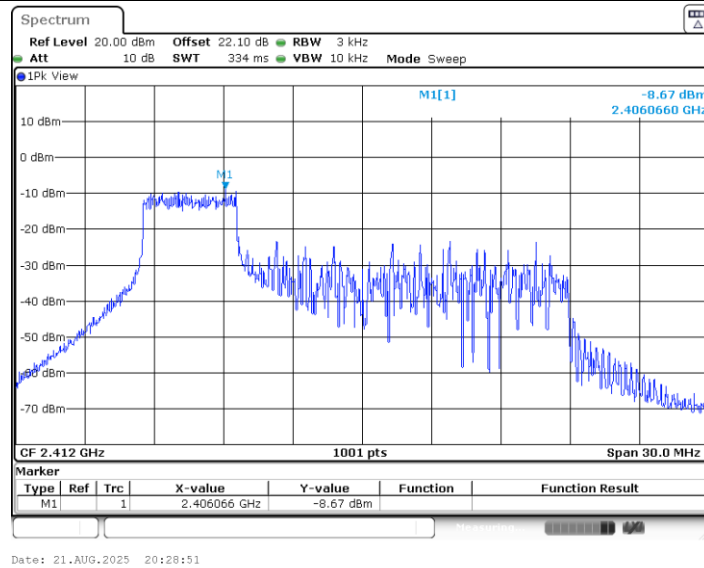


11BE20MIMO_Ant7_2412_26Tone_RU0

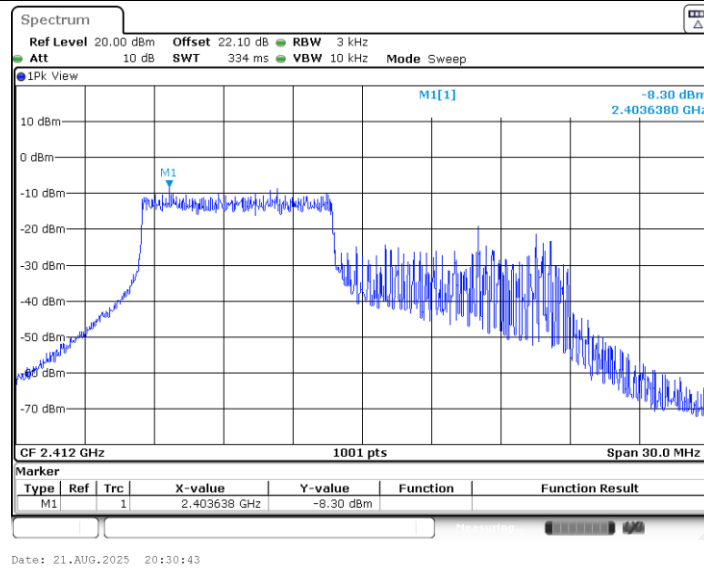




11BE20MIMO_Ant7_2412_52Tone_RU37

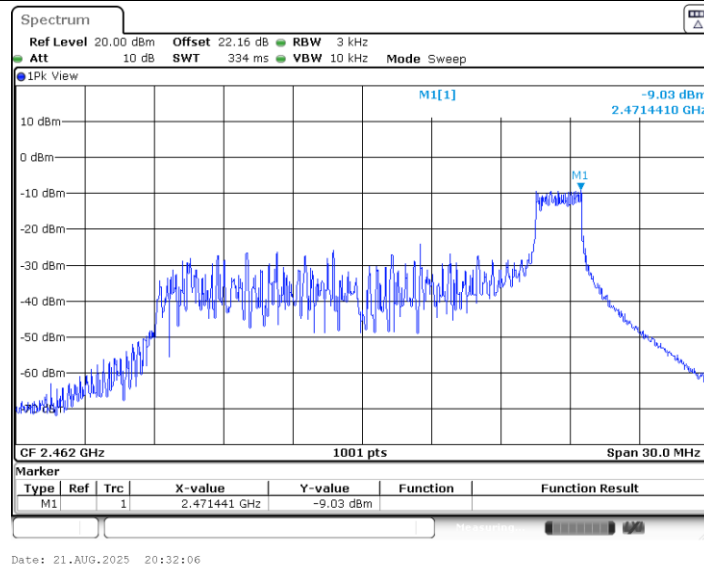


11BE20MIMO_Ant7_2412_106Tone_RU53

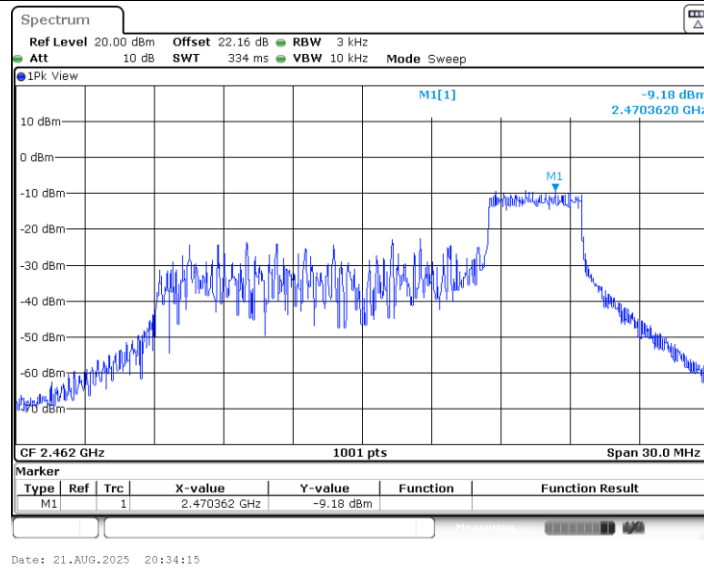




11BE20MIMO_Ant6_2462_26Tone_RU8

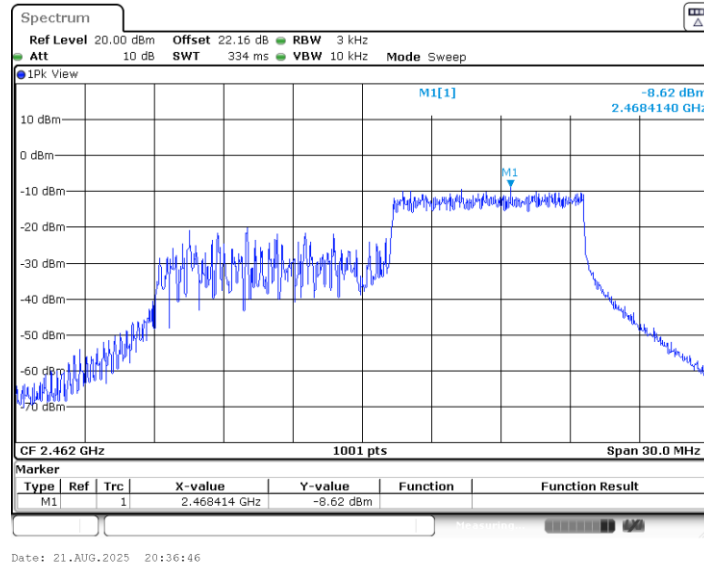


11BE20MIMO_Ant6_2462_52Tone_RU40

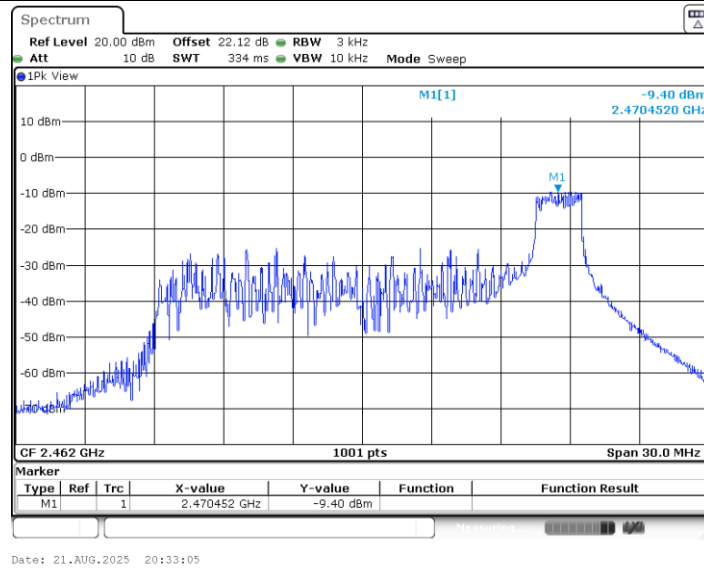




11BE20MIMO_Ant6_2462_106Tone_RU54

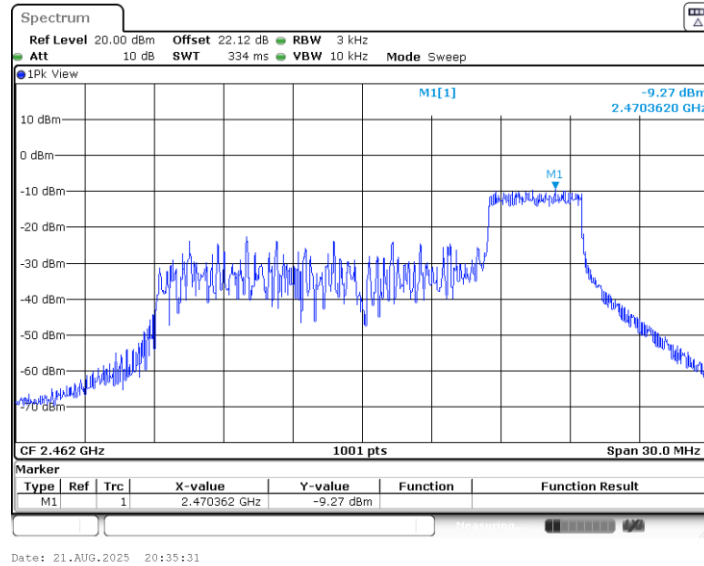


11BE20MIMO_Ant7_2462_26Tone_RU8

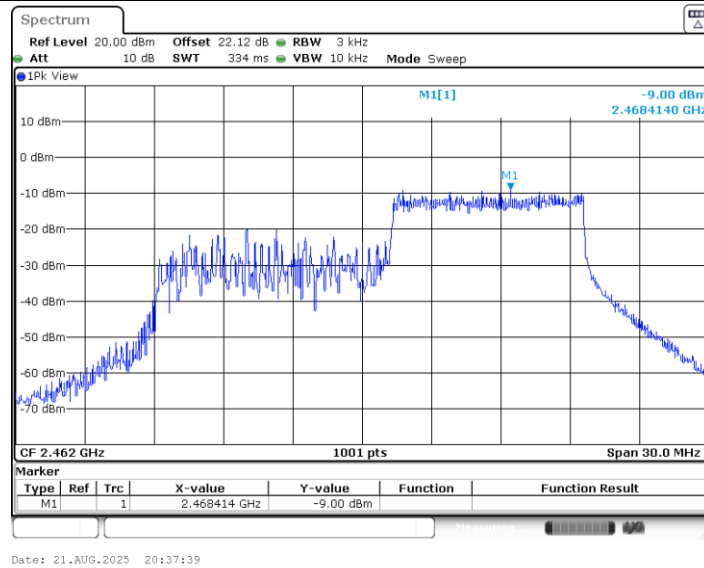




11BE20MIMO_Ant7_2462_52Tone_RU40



11BE20MIMO_Ant7_2462_106Tone_RU54





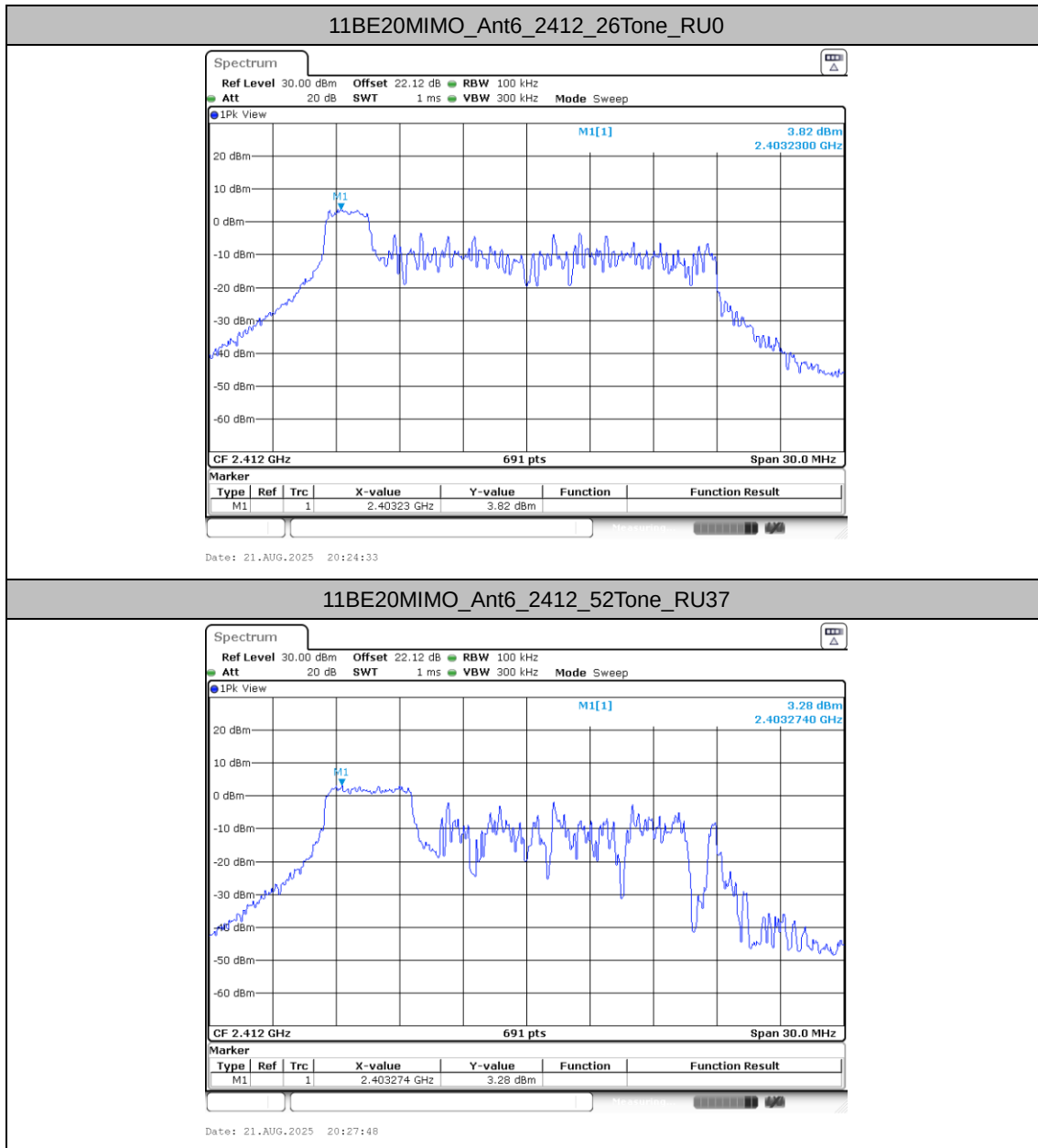
Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Ru Size	Ru Index	Max.Point[MHz]	Result[dBm/100KHZ]
11BE20MIMO	Ant6	2412	26Tone	RU0	2403.23	3.82
			52Tone	RU37	2403.27	3.28
			106Tone	RU53	2405.23	3.70
	Ant7	2412	26Tone	RU0	2402.93	3.55
			52Tone	RU37	2403.01	3.07
			106Tone	RU53	2405.23	3.82
	Ant6	2462	26Tone	RU8	2470.99	3.47
			52Tone	RU40	2469.77	4.24
			106Tone	RU54	2465.69	2.60
	Ant7	2462	26Tone	RU8	2471.03	3.12
			52Tone	RU40	2470.25	5.03
			106Tone	RU54	2470.08	2.71

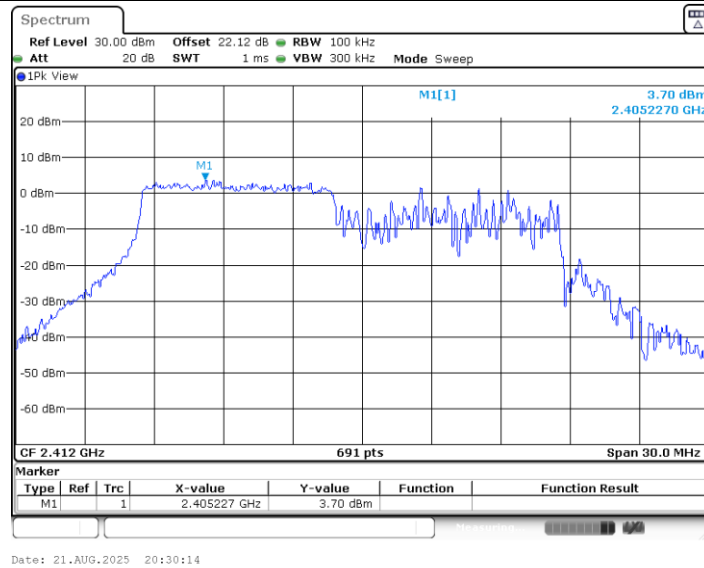


Test Graphs

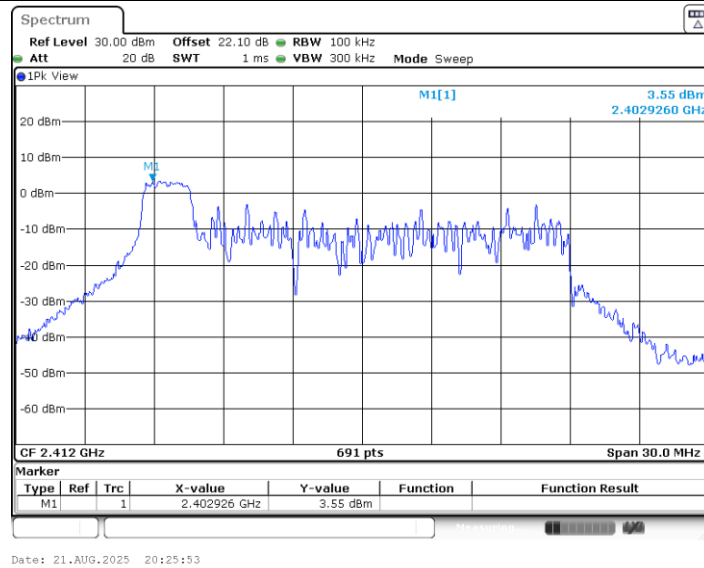




11BE20MIMO_Ant6_2412_106Tone_RU53

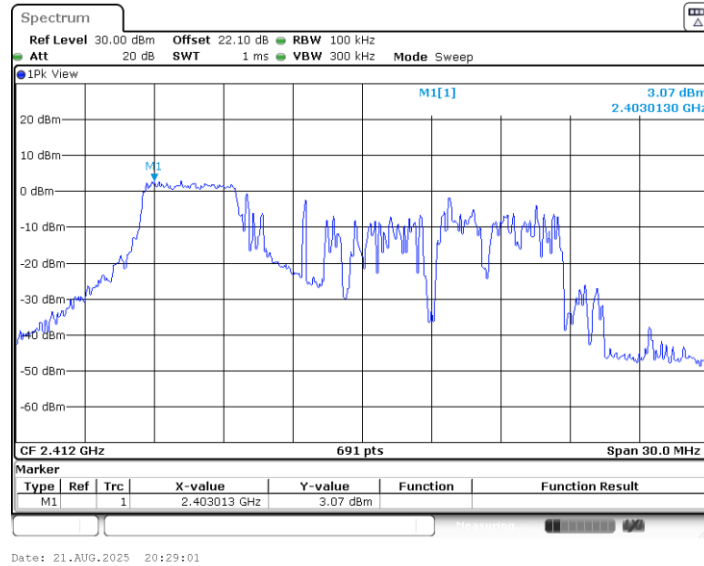


11BE20MIMO_Ant7_2412_26Tone_RU0





11BE20MIMO_Ant7_2412_52Tone_RU37



11BE20MIMO_Ant7_2412_106Tone_RU53

