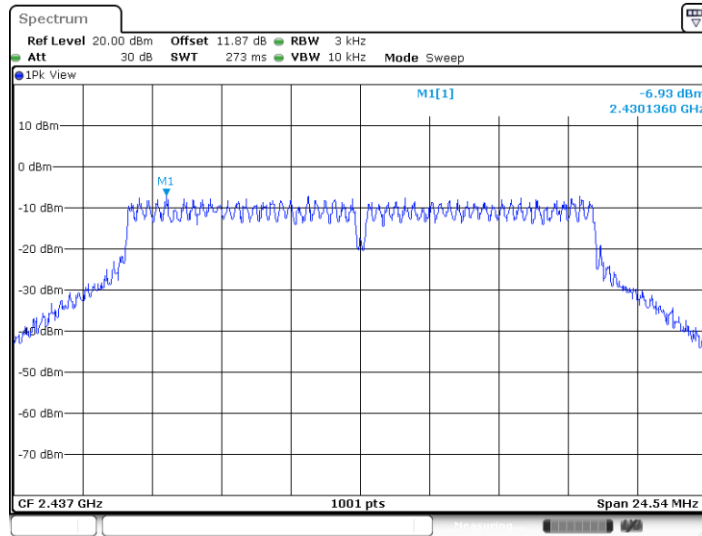


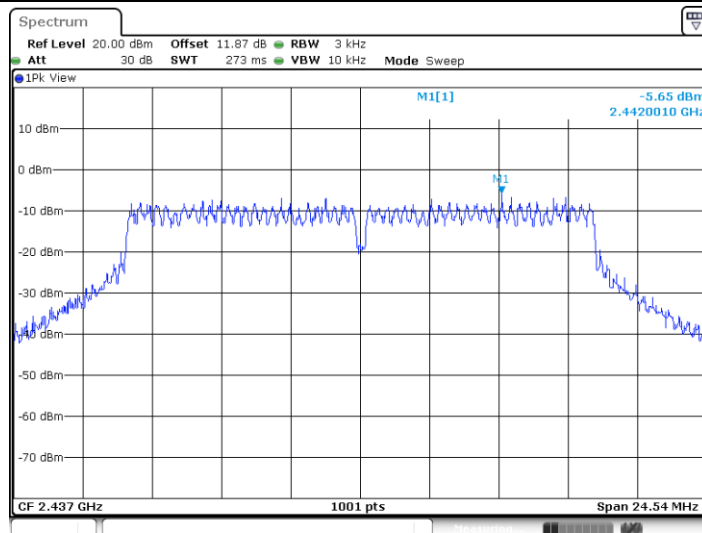


11G-CDD_Ant1_2437



Date: 17.APR.2024 20:33:27

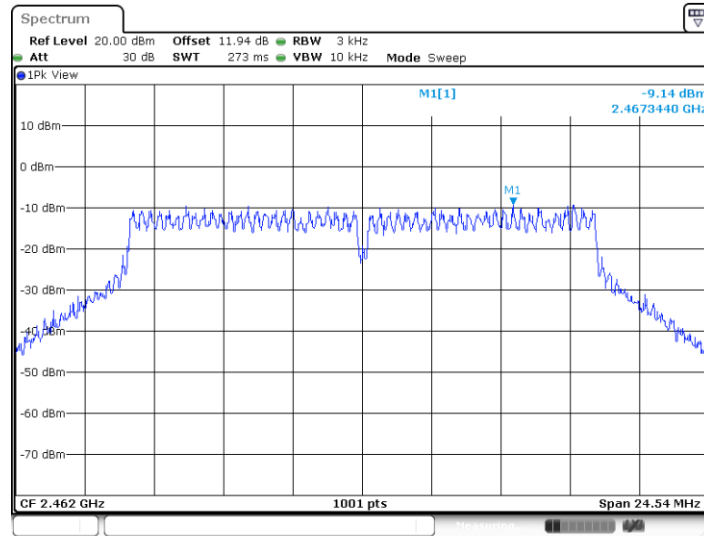
11G-CDD_Ant2_2437



Date: 17.APR.2024 20:34:22

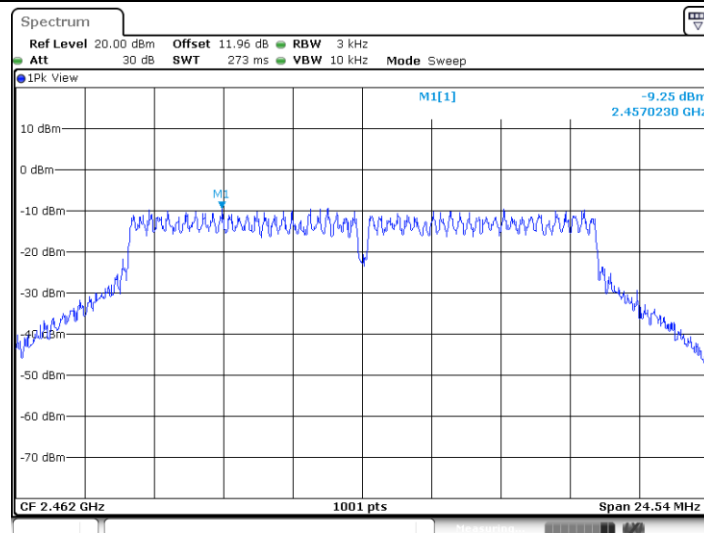


11G-CDD_Ant1_2462



Date: 17.APR.2024 20:35:38

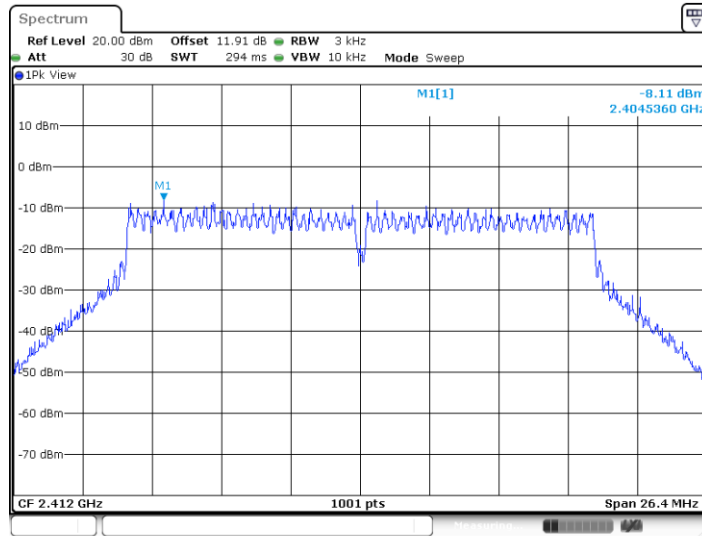
11G-CDD_Ant2_2462



Date: 17.APR.2024 20:36:48

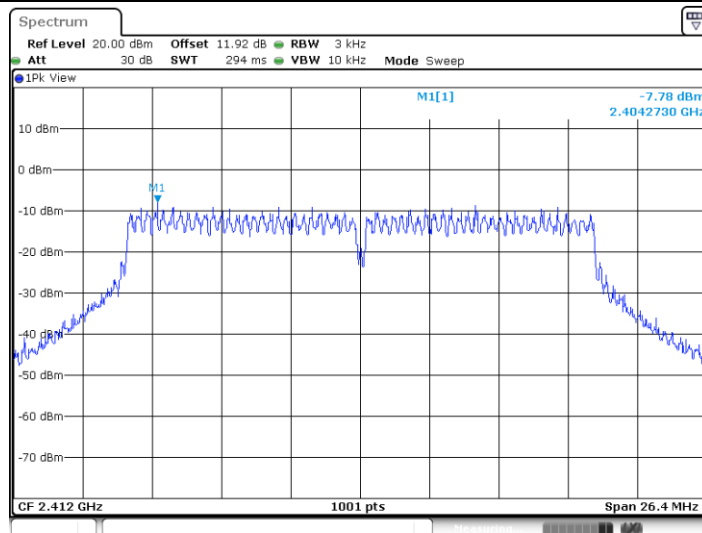


11N20MIMO_Ant1_2412



Date: 17.APR.2024 20:40:21

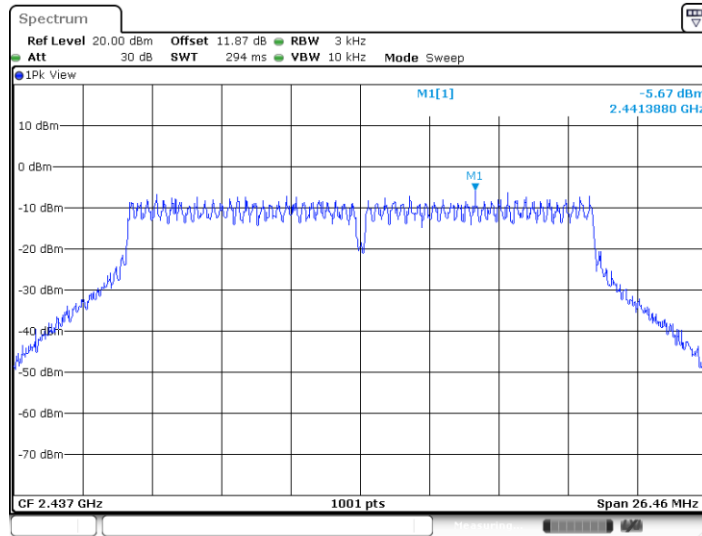
11N20MIMO_Ant2_2412



Date: 17.APR.2024 20:41:32

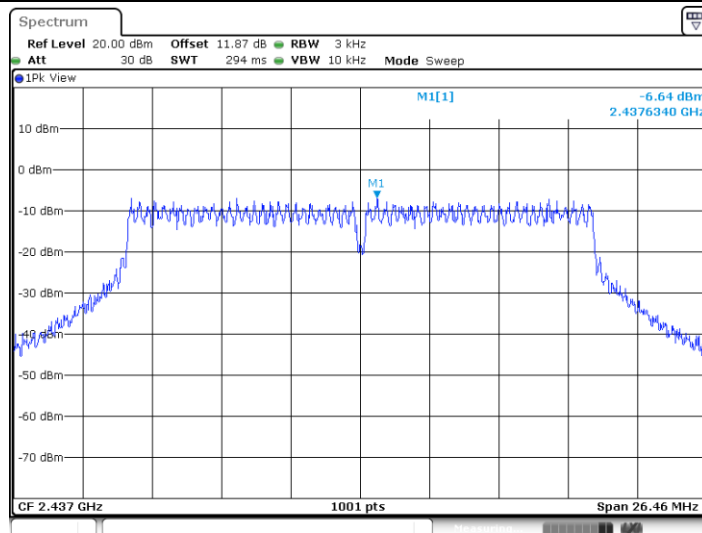


11N20MIMO_Ant1_2437



Date: 17.APR.2024 20:42:46

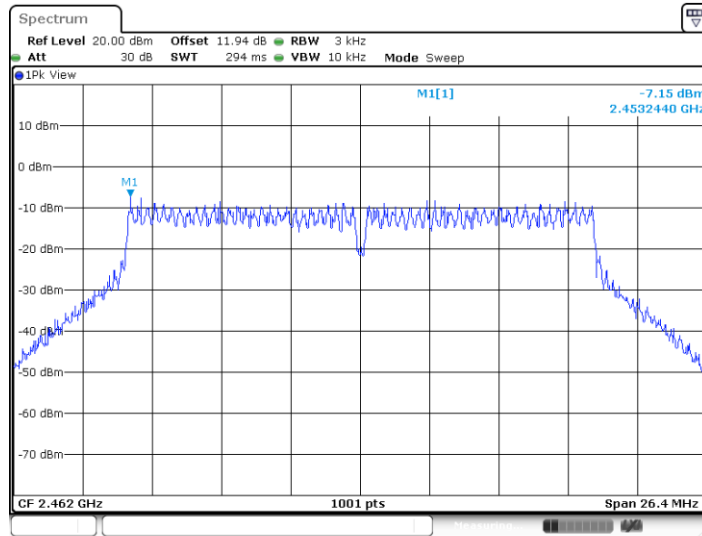
11N20MIMO_Ant2_2437



Date: 17.APR.2024 20:43:40

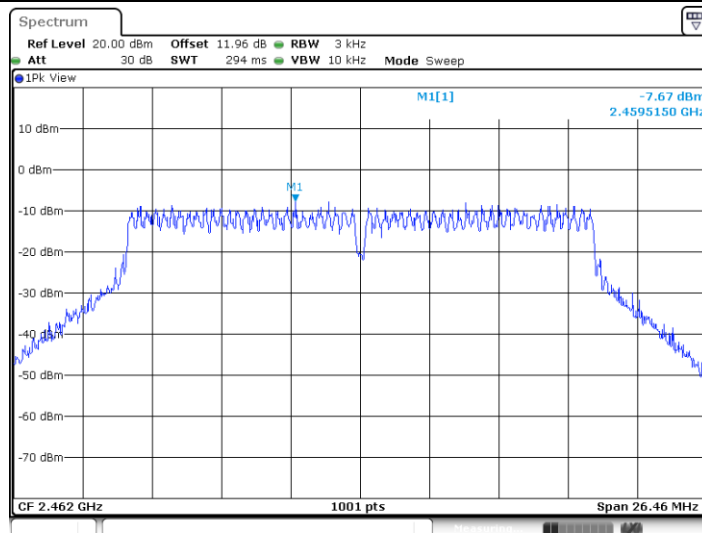


11N20MIMO_Ant1_2462



Date: 17.APR.2024 20:46:45

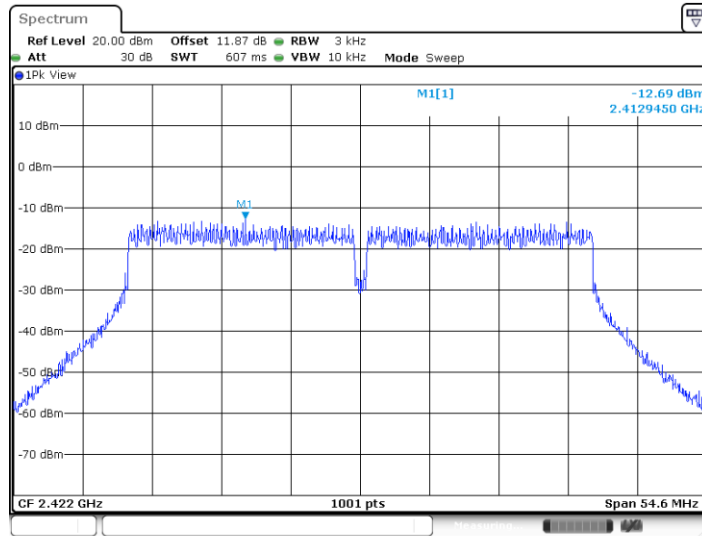
11N20MIMO_Ant2_2462



Date: 17.APR.2024 20:47:53

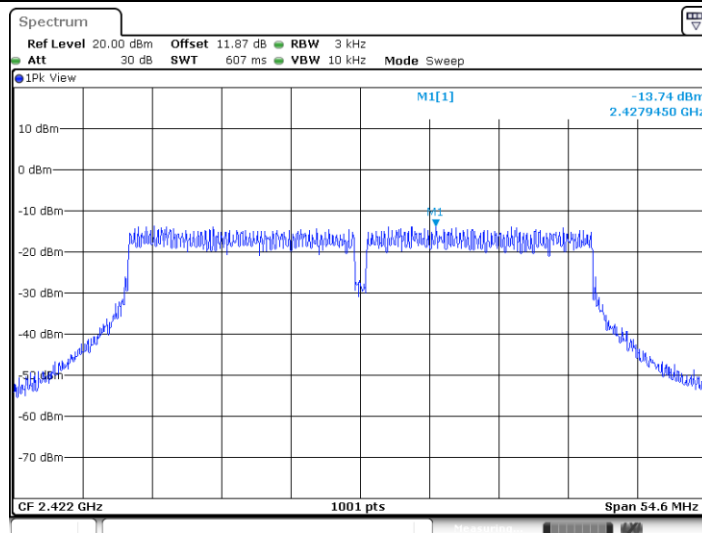


11N40MIMO_Ant1_2422



Date: 17.APR.2024 20:49:31

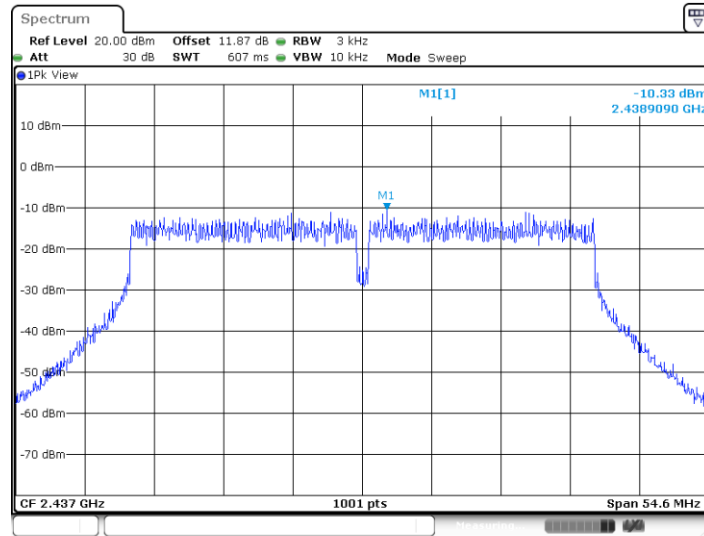
11N40MIMO_Ant2_2422



Date: 17.APR.2024 20:50:39

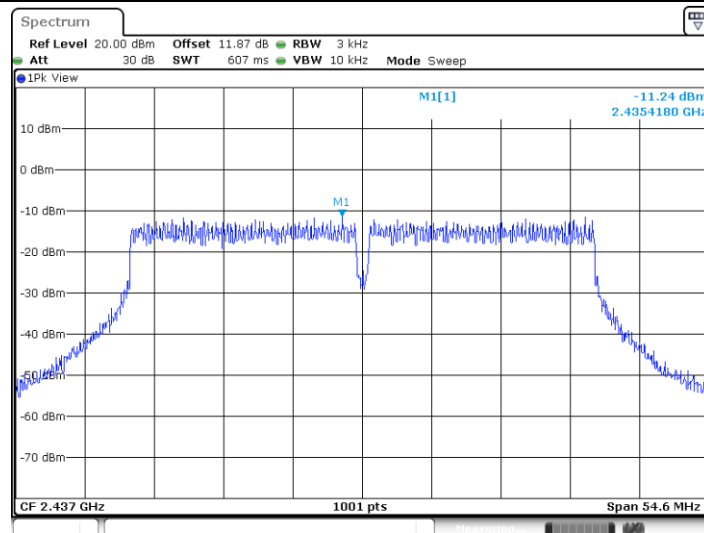


11N40MIMO_Ant1_2437



Date: 17.APR.2024 20:52:17

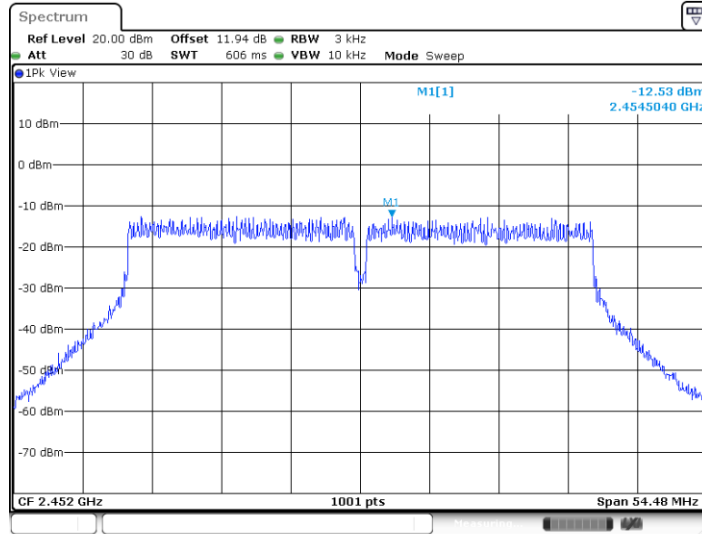
11N40MIMO_Ant2_2437



Date: 17.APR.2024 20:53:12

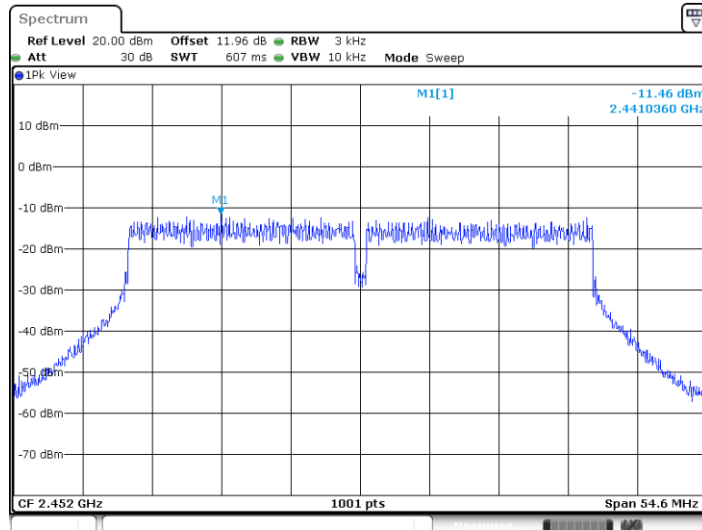


11N40MIMO_Ant1_2452



Date: 17.APR.2024 20:55:43

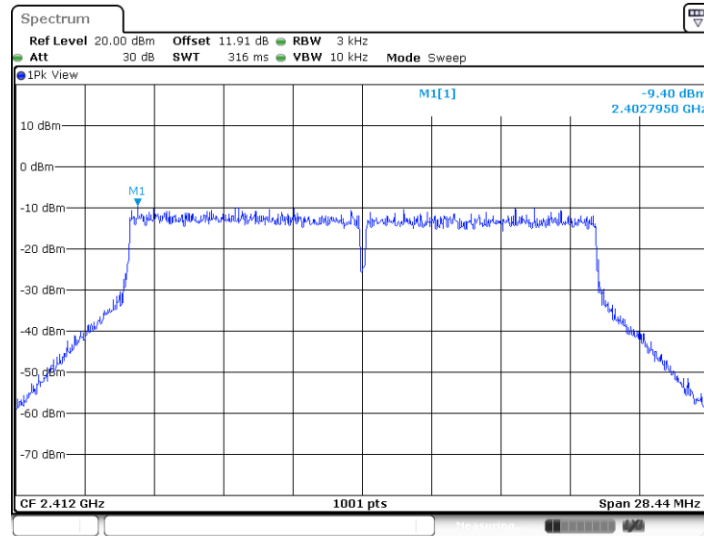
11N40MIMO_Ant2_2452



Date: 17.APR.2024 20:56:52

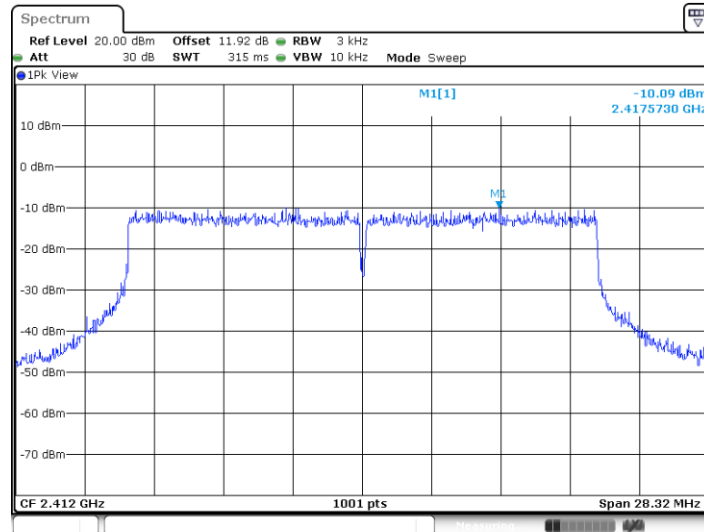


11BE20MIMO_Ant1_2412



Date: 17.APR.2024 20:58:39

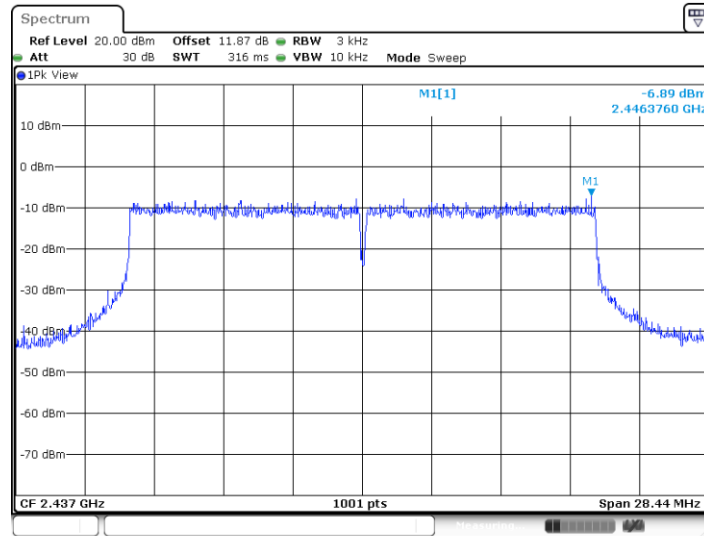
11BE20MIMO_Ant2_2412



Date: 17.APR.2024 20:59:47

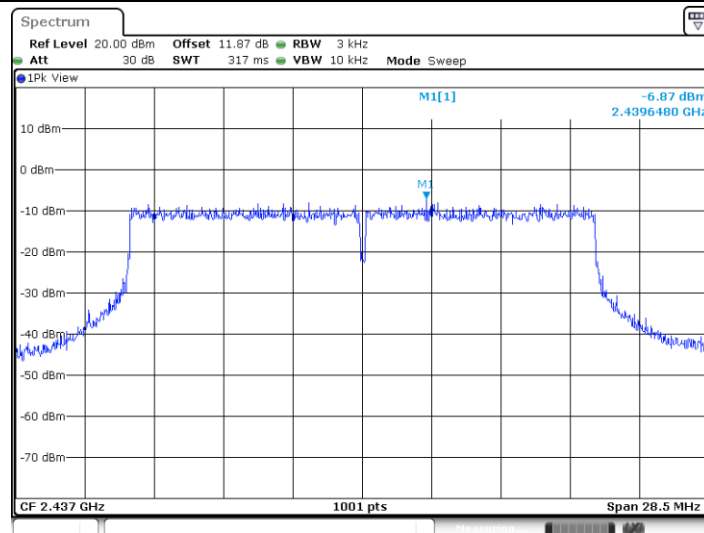


11BE20MIMO_Ant1_2437



Date: 17.APR.2024 21:01:07

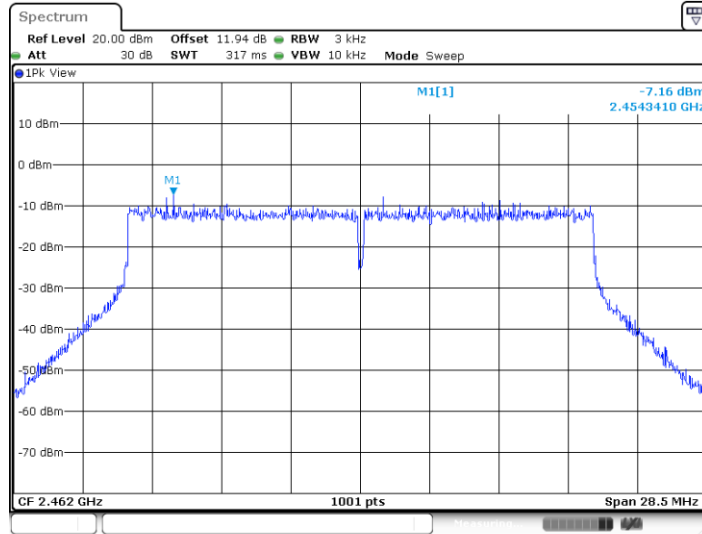
11BE20MIMO_Ant2_2437



Date: 17.APR.2024 21:02:04

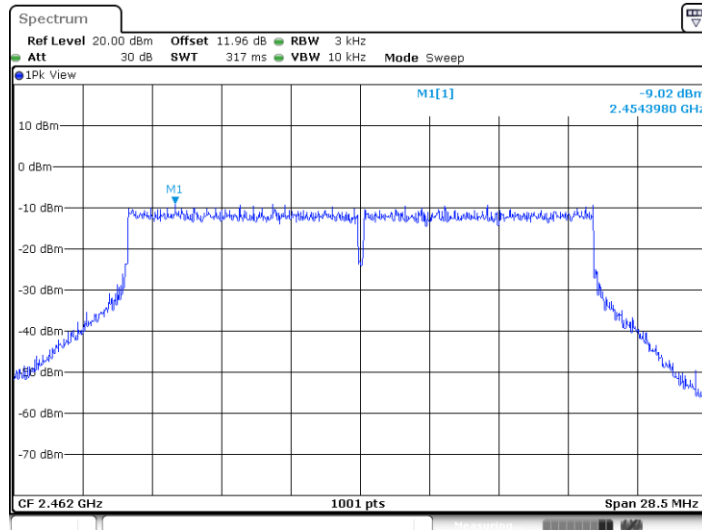


11BE20MIMO_Ant1_2462



Date: 17.APR.2024 21:14:15

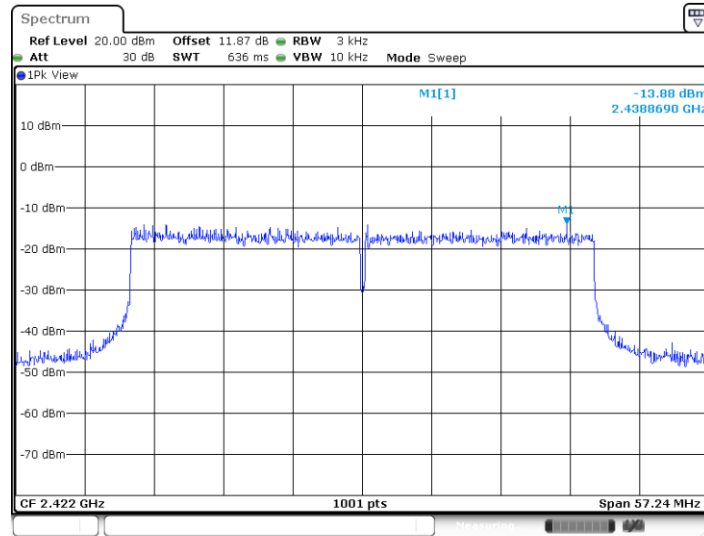
11BE20MIMO_Ant2_2462



Date: 17.APR.2024 21:15:23

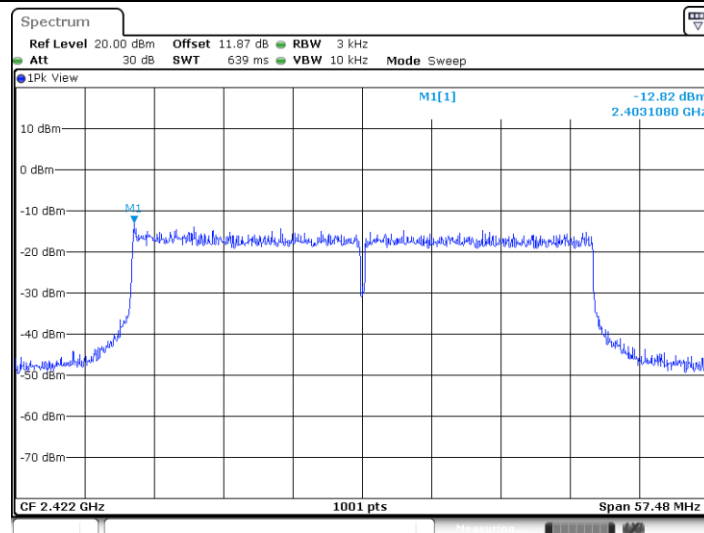


11BE40MIMO_Ant1_2422



Date: 17.APR.2024 21:17:07

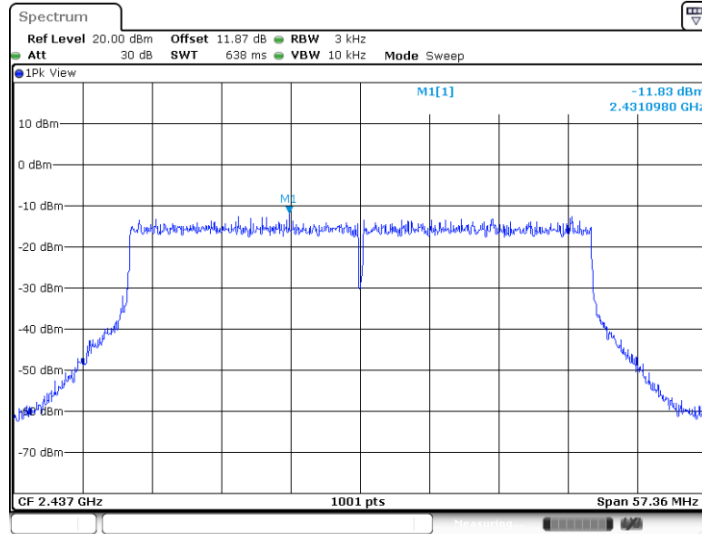
11BE40MIMO_Ant2_2422



Date: 17.APR.2024 21:18:15

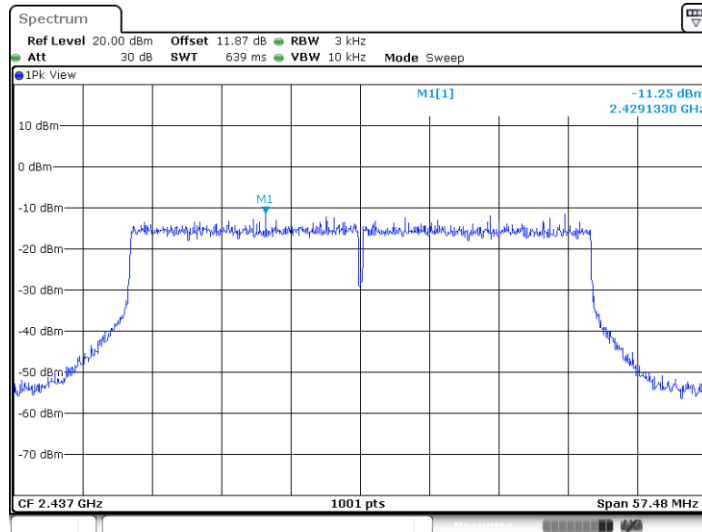


11BE40MIMO_Ant1_2437



Date: 17.APR.2024 21:19:32

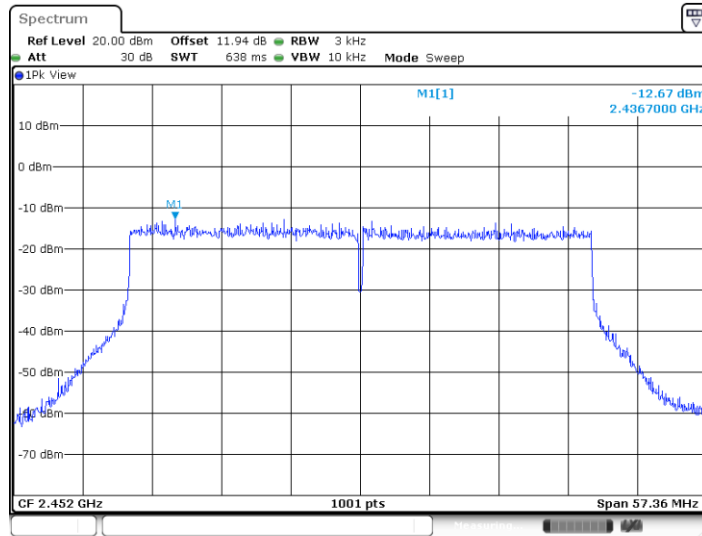
11BE40MIMO_Ant2_2437



Date: 17.APR.2024 21:20:27

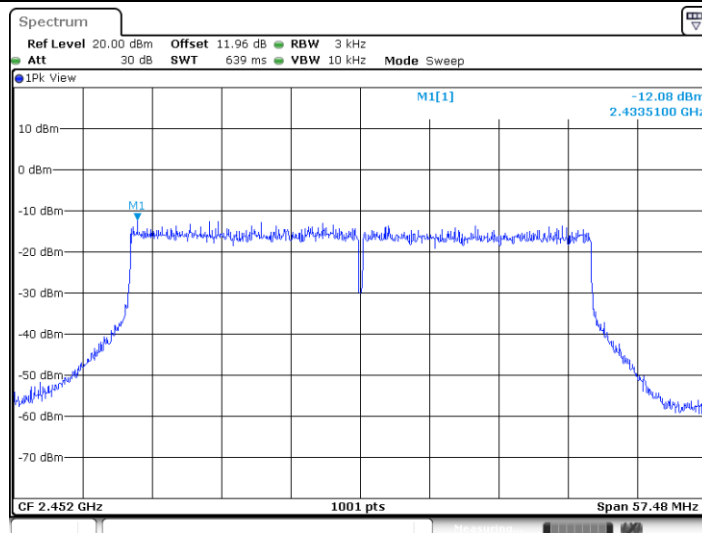


11BE40MIMO_Ant1_2452



Date: 17.APR.2024 21:21:41

11BE40MIMO_Ant2_2452



Date: 17.APR.2024 21:22:49



Reference level measurement

Test Result

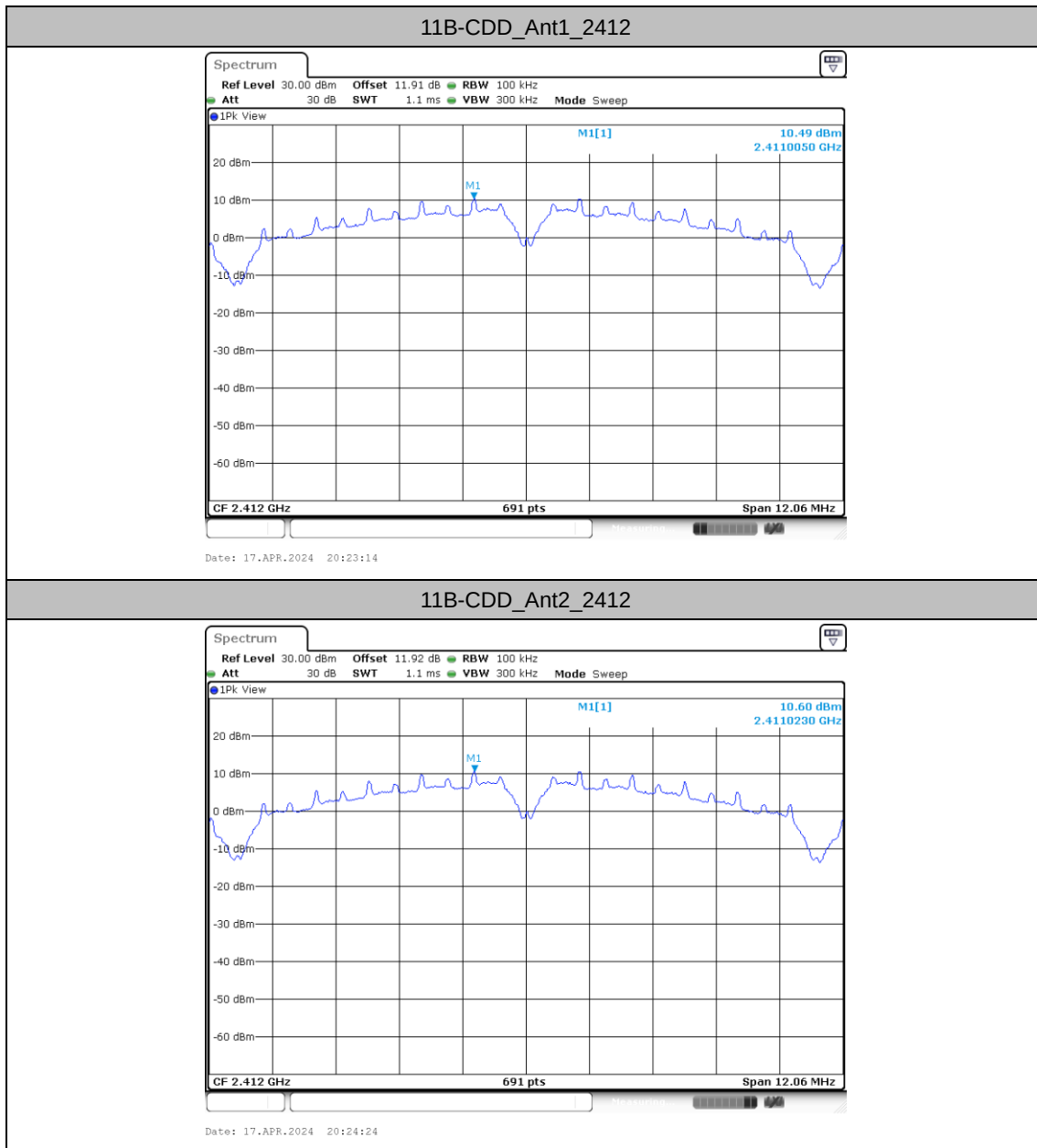
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm/100KHz]
11B-CDD	Ant1	2412	2411.01	10.49
	Ant2	2412	2411.02	10.60
	Ant1	2437	2436.02	10.49
	Ant2	2437	2436.02	10.60
	Ant1	2462	2463.01	10.26
	Ant2	2462	2461.02	10.39
11G-CDD	Ant1	2412	2405.75	7.53
	Ant2	2412	2404.54	7.37
	Ant1	2437	2444.53	7.55
	Ant2	2437	2442.04	7.66
	Ant1	2462	2455.79	5.36
	Ant2	2462	2457.03	5.30
11N20MIMO	Ant1	2412	2405.77	5.31
	Ant2	2412	2405.77	5.18
	Ant1	2437	2442.02	7.45
	Ant2	2437	2442.02	7.49
	Ant1	2462	2465.78	5.43
	Ant2	2462	2455.76	6.28
11N40MIMO	Ant1	2422	2405.80	2.00
	Ant2	2422	2406.99	1.84
	Ant1	2437	2420.80	3.10
	Ant2	2437	2432.02	3.27
	Ant1	2452	2435.76	2.78
	Ant2	2452	2447.02	2.97
11BE20MIMO	Ant1	2412	2405.79	6.01
	Ant2	2412	2407.00	5.55
	Ant1	2437	2444.53	7.75
	Ant2	2437	2442.03	7.80
	Ant1	2462	2469.55	6.38
	Ant2	2462	2469.51	6.55
11BE40MIMO	Ant1	2422	2404.52	1.64
	Ant2	2422	2417.01	1.76
	Ant1	2437	2422.06	3.07
	Ant2	2437	2432.01	3.52



	Ant1	2452	2435.73	2.78
	Ant2	2452	2447.01	2.95

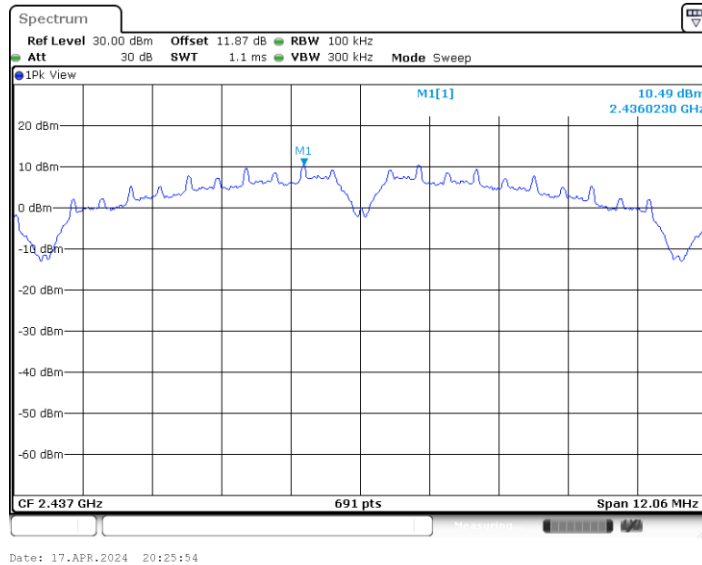


Test Graphs

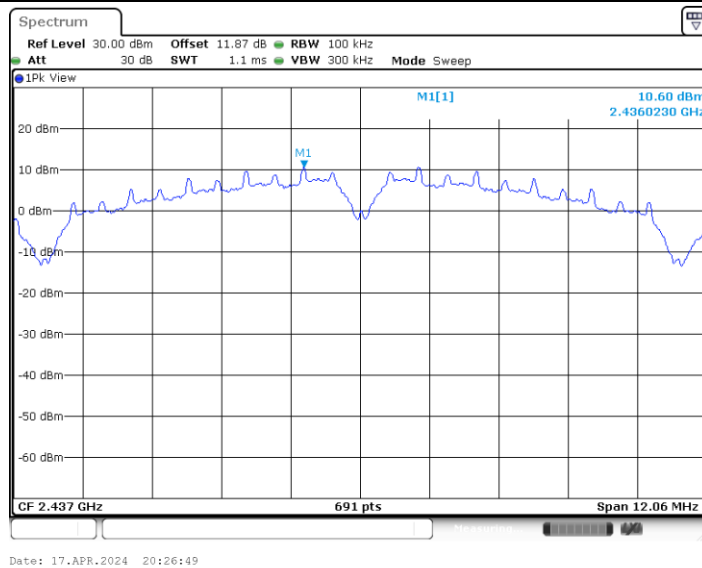




11B-CDD_Ant1_2437

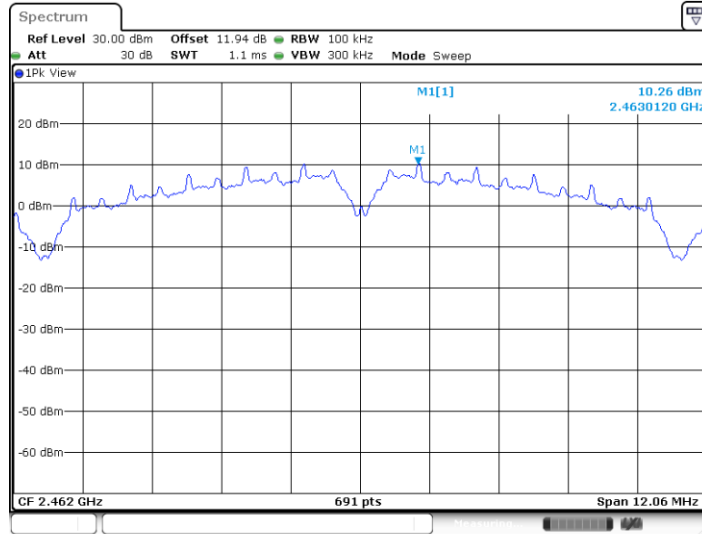


11B-CDD_Ant2_2437



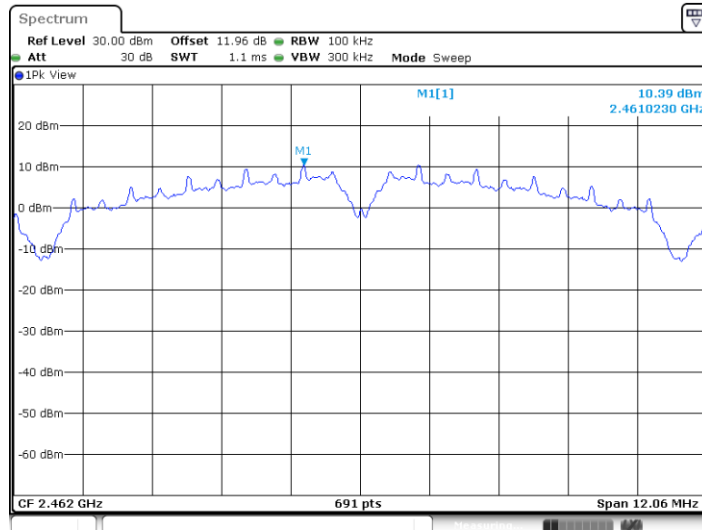


11B-CDD_Ant1_2462



Date: 17.APR.2024 20:28:17

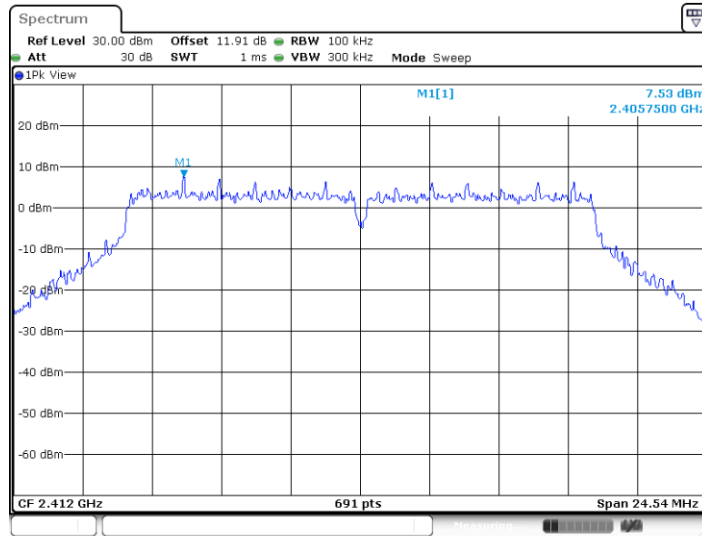
11B-CDD_Ant2_2462



Date: 17.APR.2024 20:29:28

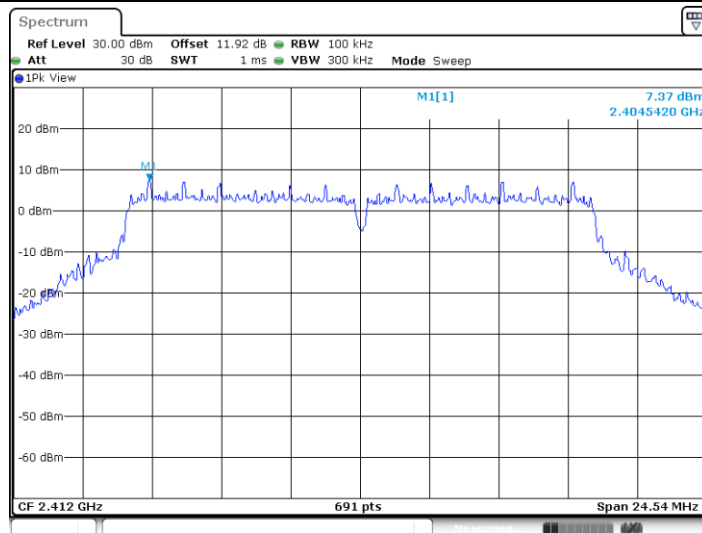


11G-CDD_Ant1_2412



Date: 17.APR.2024 20:31:07

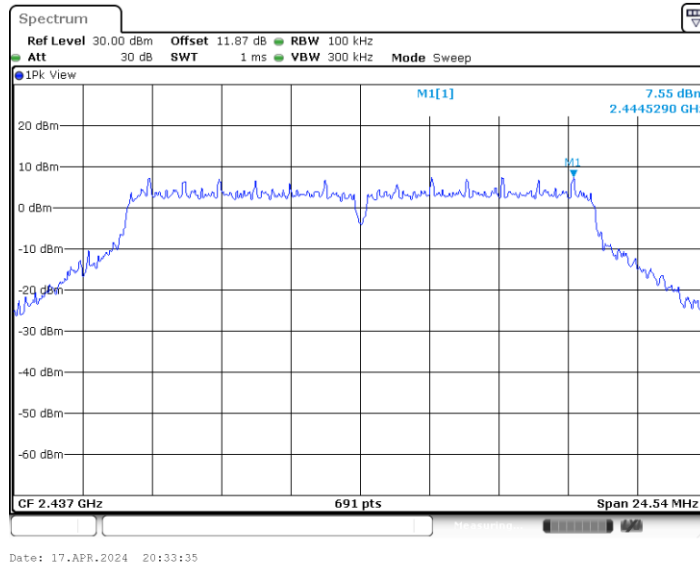
11G-CDD_Ant2_2412



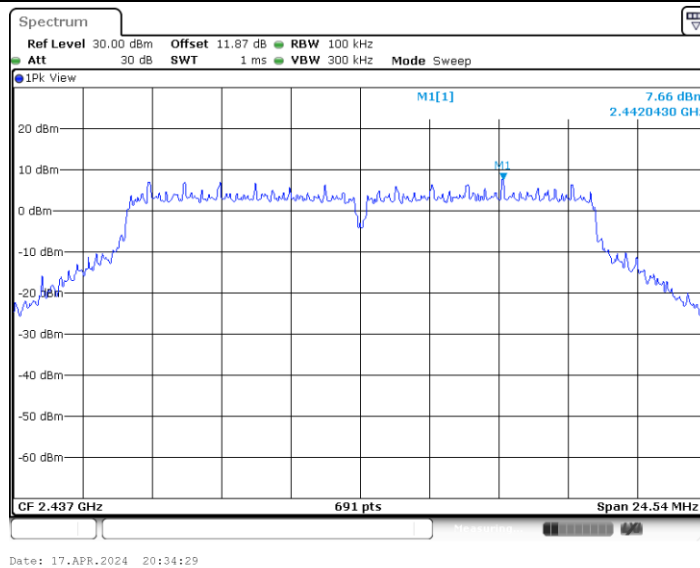
Date: 17.APR.2024 20:32:15



11G-CDD_Ant1_2437

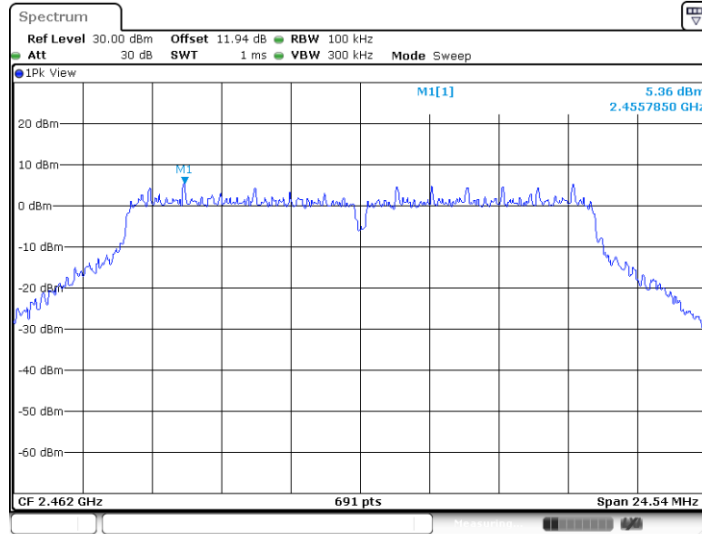


11G-CDD_Ant2_2437

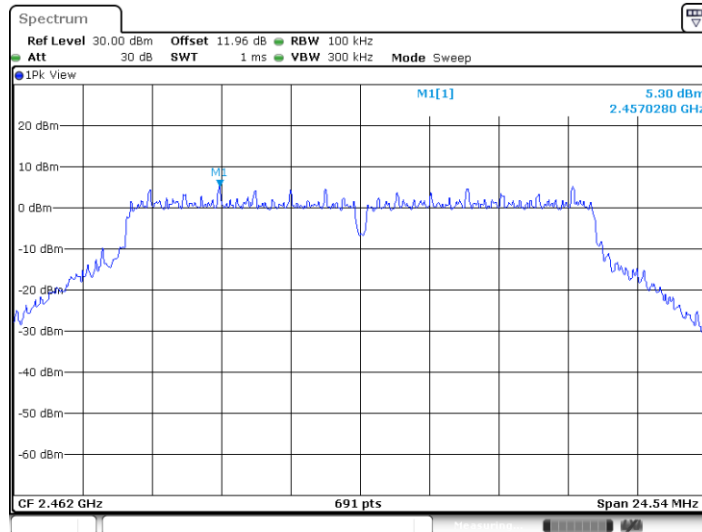




11G-CDD_Ant1_2462

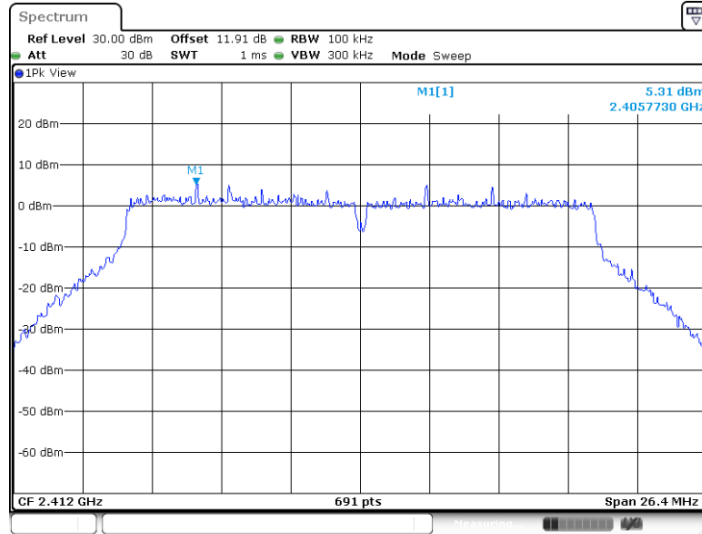


11G-CDD_Ant2_2462

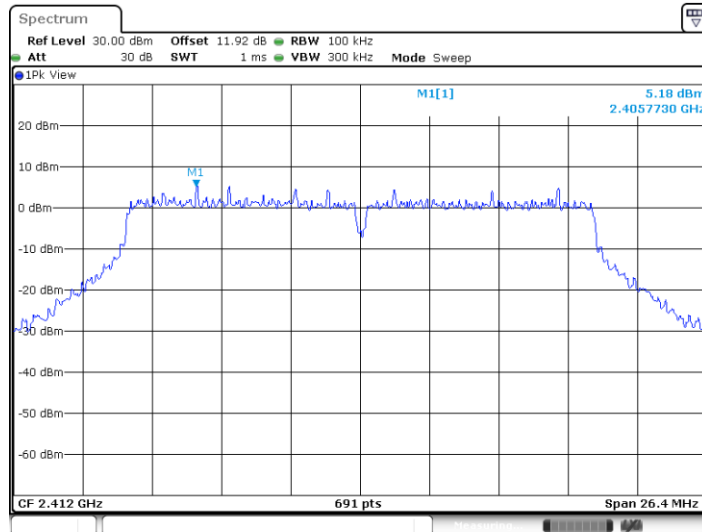




11N20MIMO_Ant1_2412

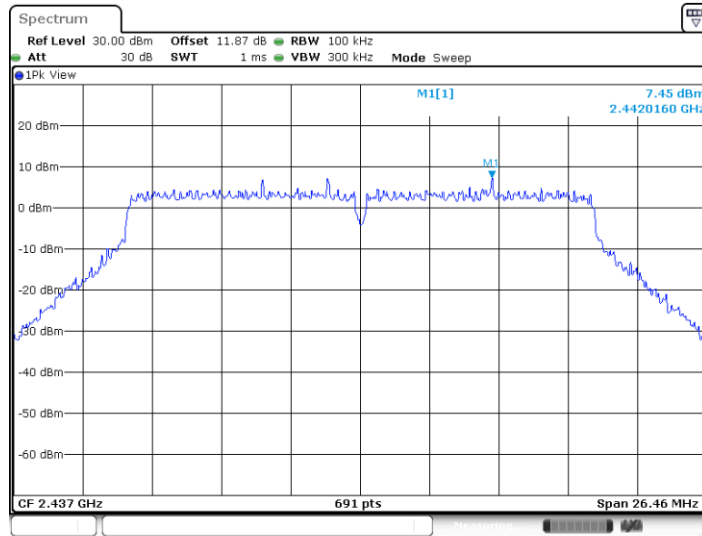


11N20MIMO_Ant2_2412

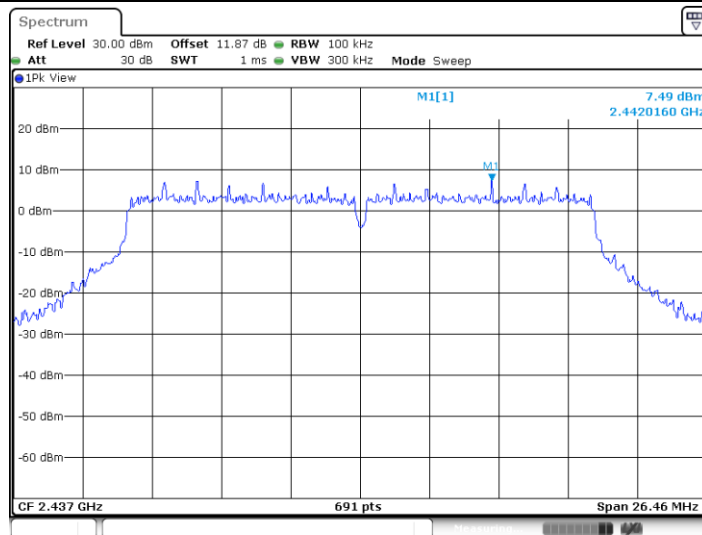




11N20MIMO_Ant1_2437

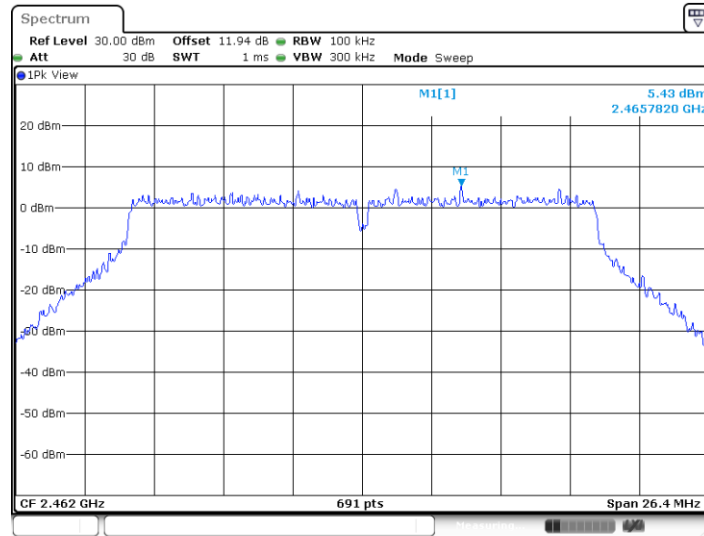


11N20MIMO_Ant2_2437

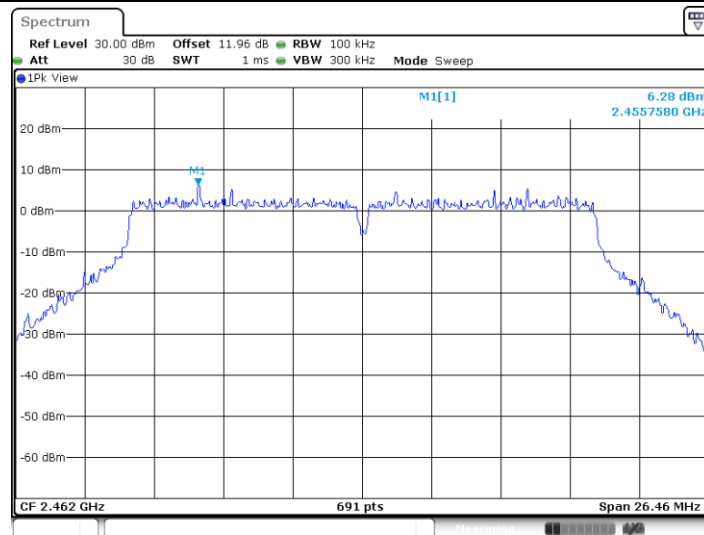




11N20MIMO_Ant1_2462

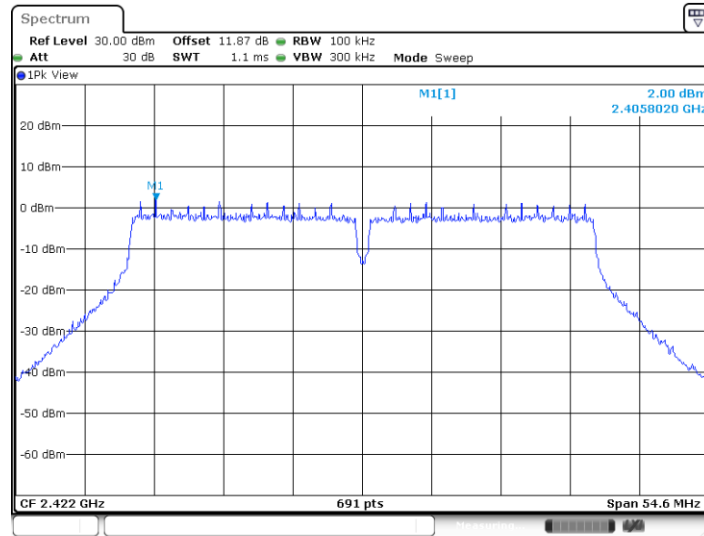


11N20MIMO_Ant2_2462



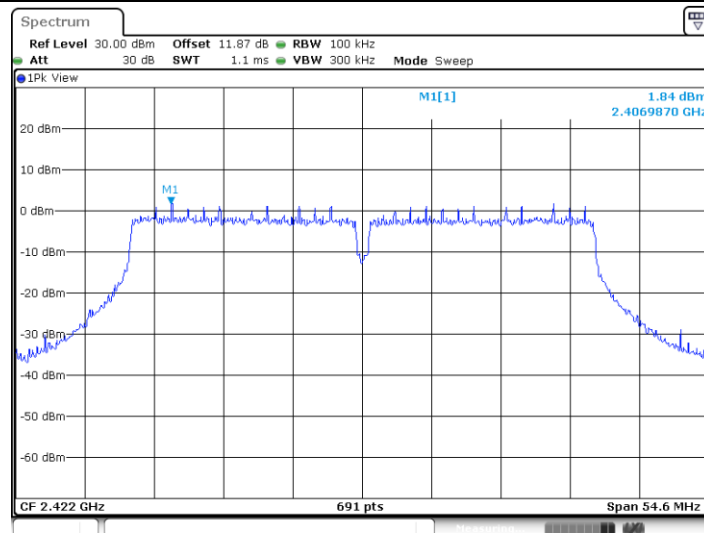


11N40MIMO_Ant1_2422



Date: 17.APR.2024 20:49:38

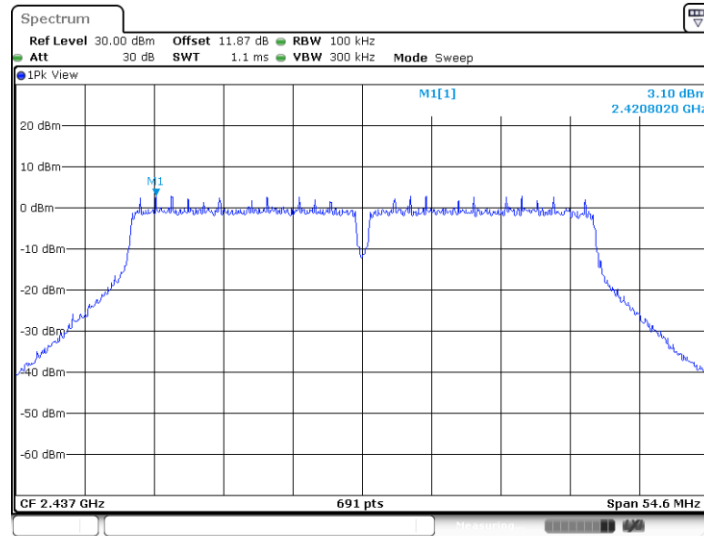
11N40MIMO_Ant2_2422



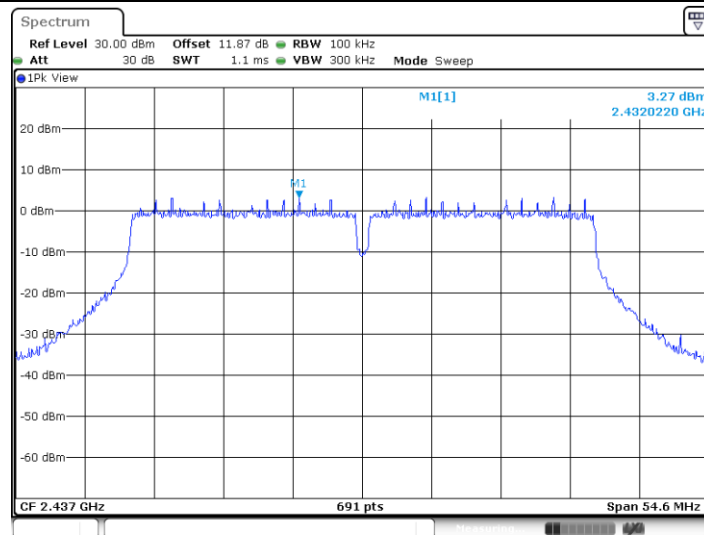
Date: 17.APR.2024 20:50:48



11N40MIMO_Ant1_2437

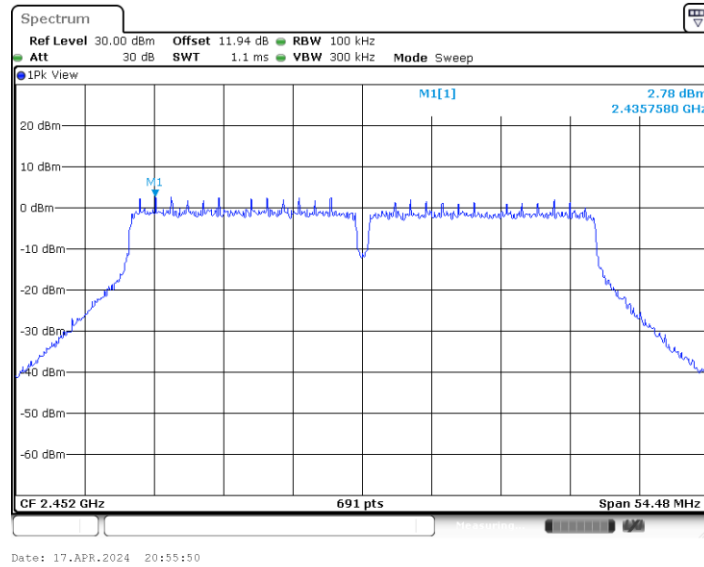


11N40MIMO_Ant2_2437

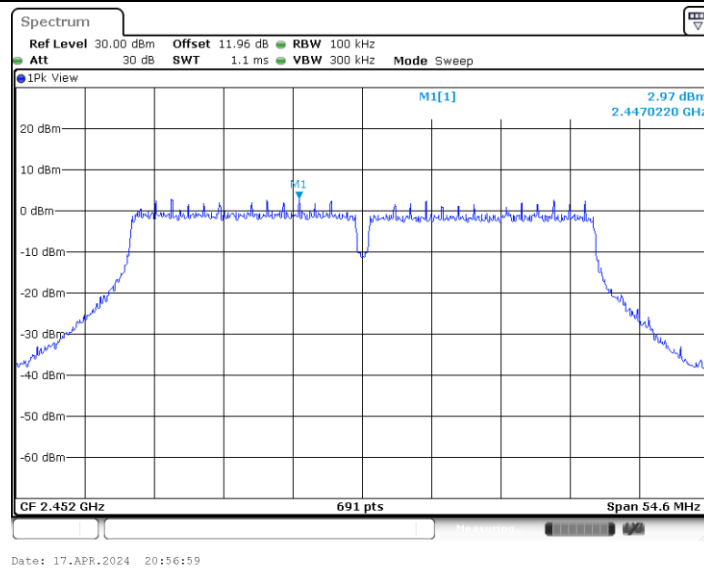




11N40MIMO_Ant1_2452

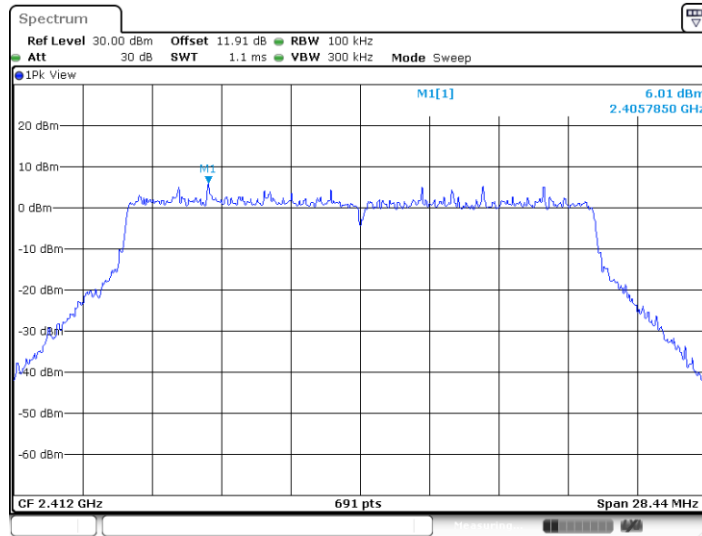


11N40MIMO_Ant2_2452



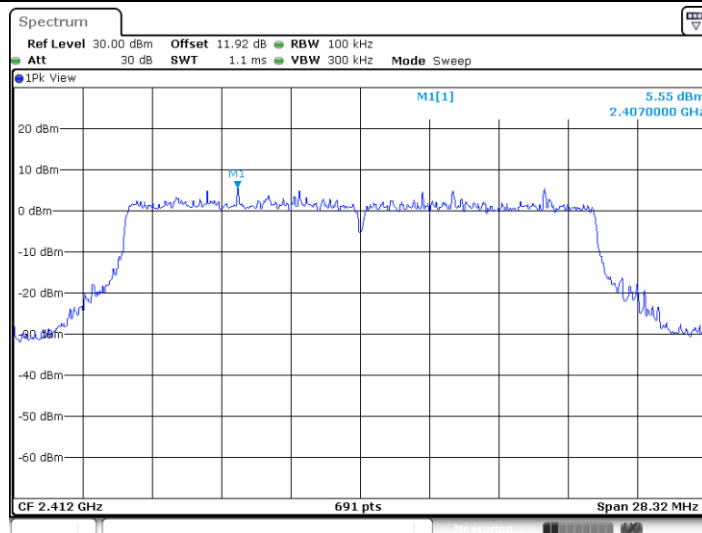


11BE20MIMO_Ant1_2412



Date: 17.APR.2024 20:58:46

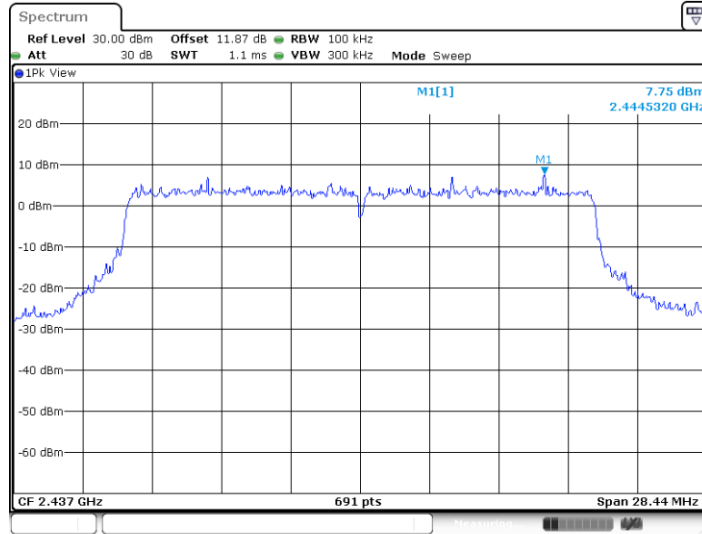
11BE20MIMO_Ant2_2412



Date: 17.APR.2024 20:59:54

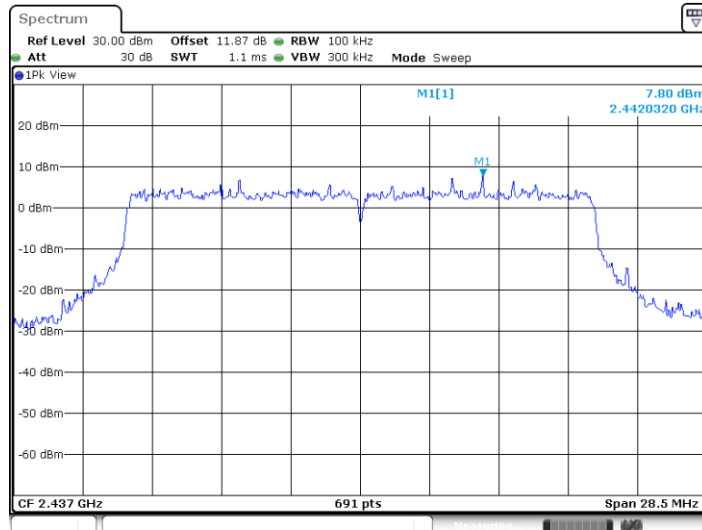


11BE20MIMO_Ant1_2437



Date: 17.APR.2024 21:01:15

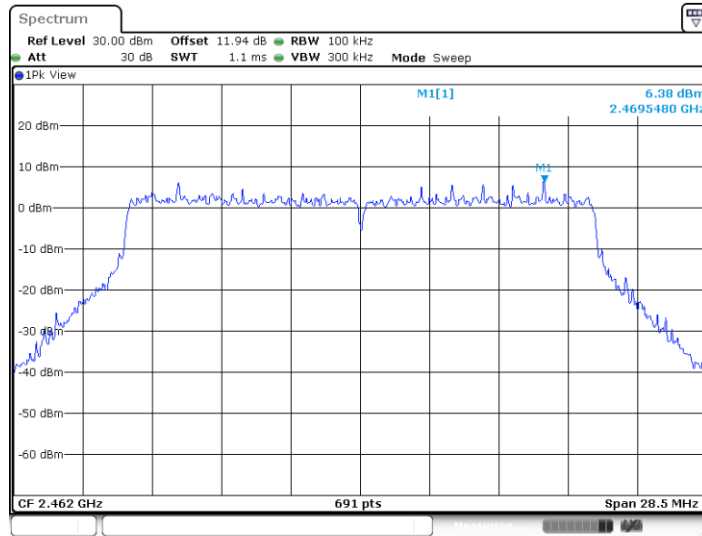
11BE20MIMO_Ant2_2437



Date: 17.APR.2024 21:02:12

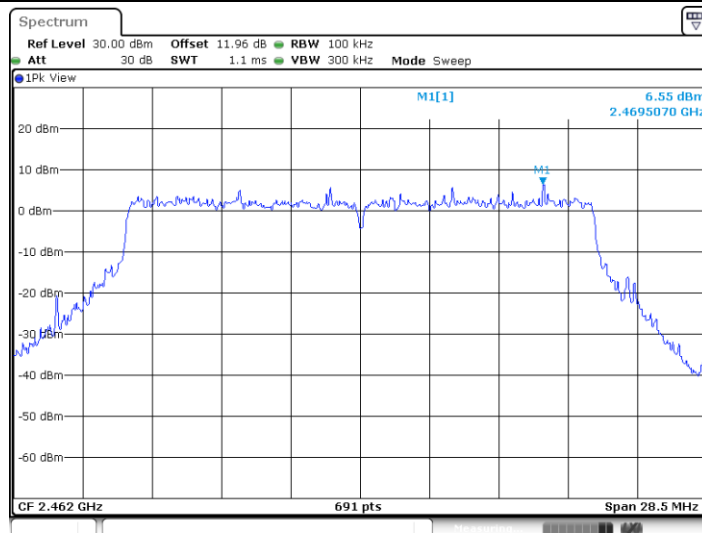


11BE20MIMO_Ant1_2462



Date: 17.APR.2024 21:14:22

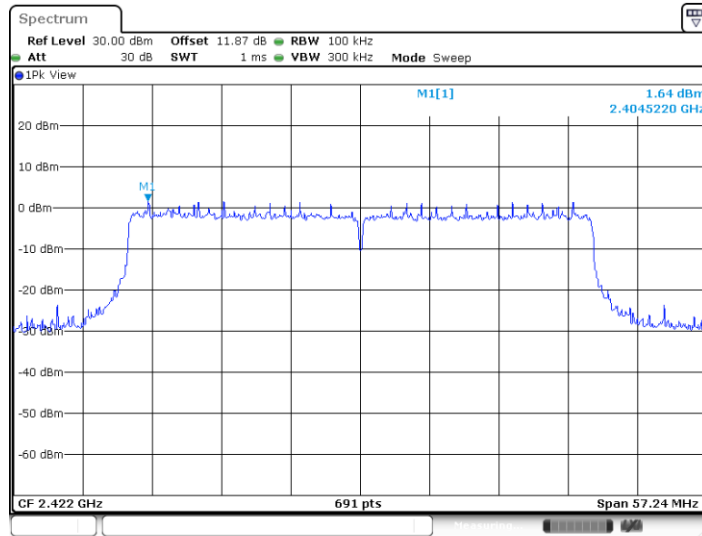
11BE20MIMO_Ant2_2462



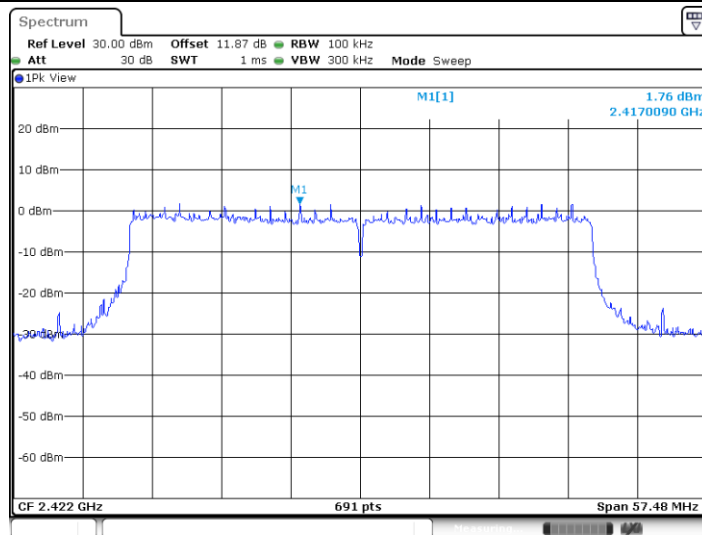
Date: 17.APR.2024 21:15:31



11BE40MIMO_Ant1_2422

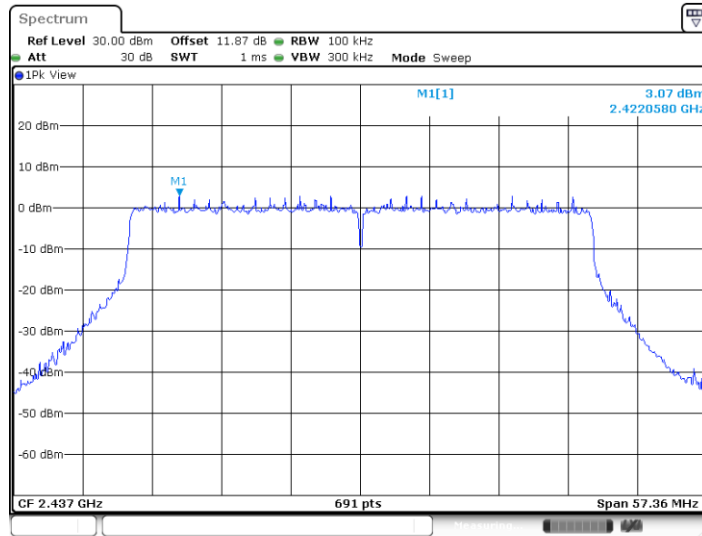


11BE40MIMO_Ant2_2422



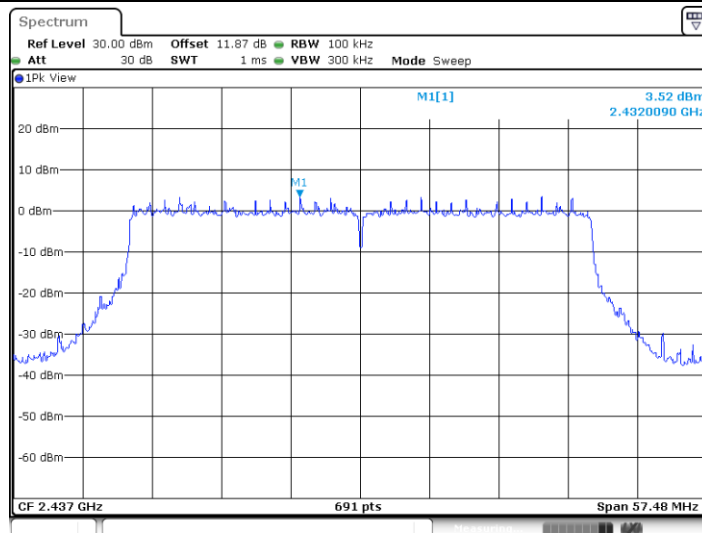


11BE40MIMO_Ant1_2437



Date: 17.APR.2024 21:19:40

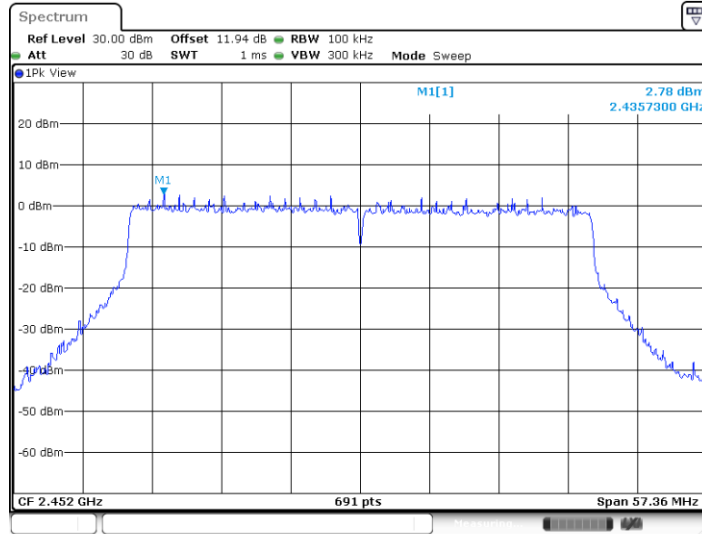
11BE40MIMO_Ant2_2437



Date: 17.APR.2024 21:20:35

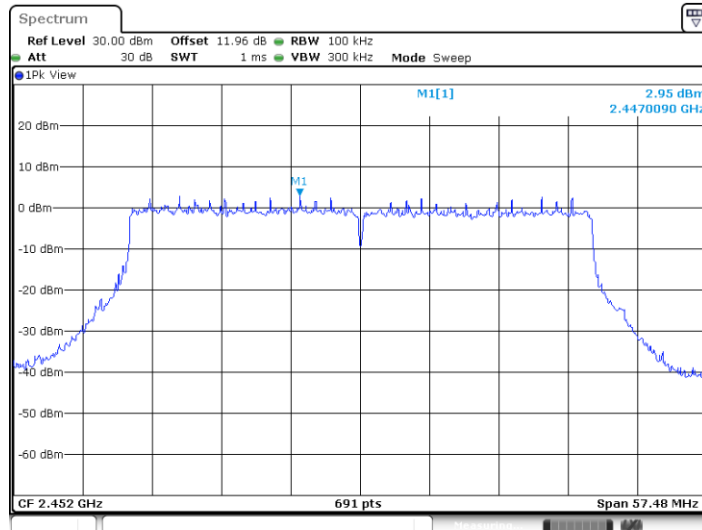


11BE40MIMO_Ant1_2452



Date: 17.APR.2024 21:21:48

11BE40MIMO_Ant2_2452



Date: 17.APR.2024 21:22:57



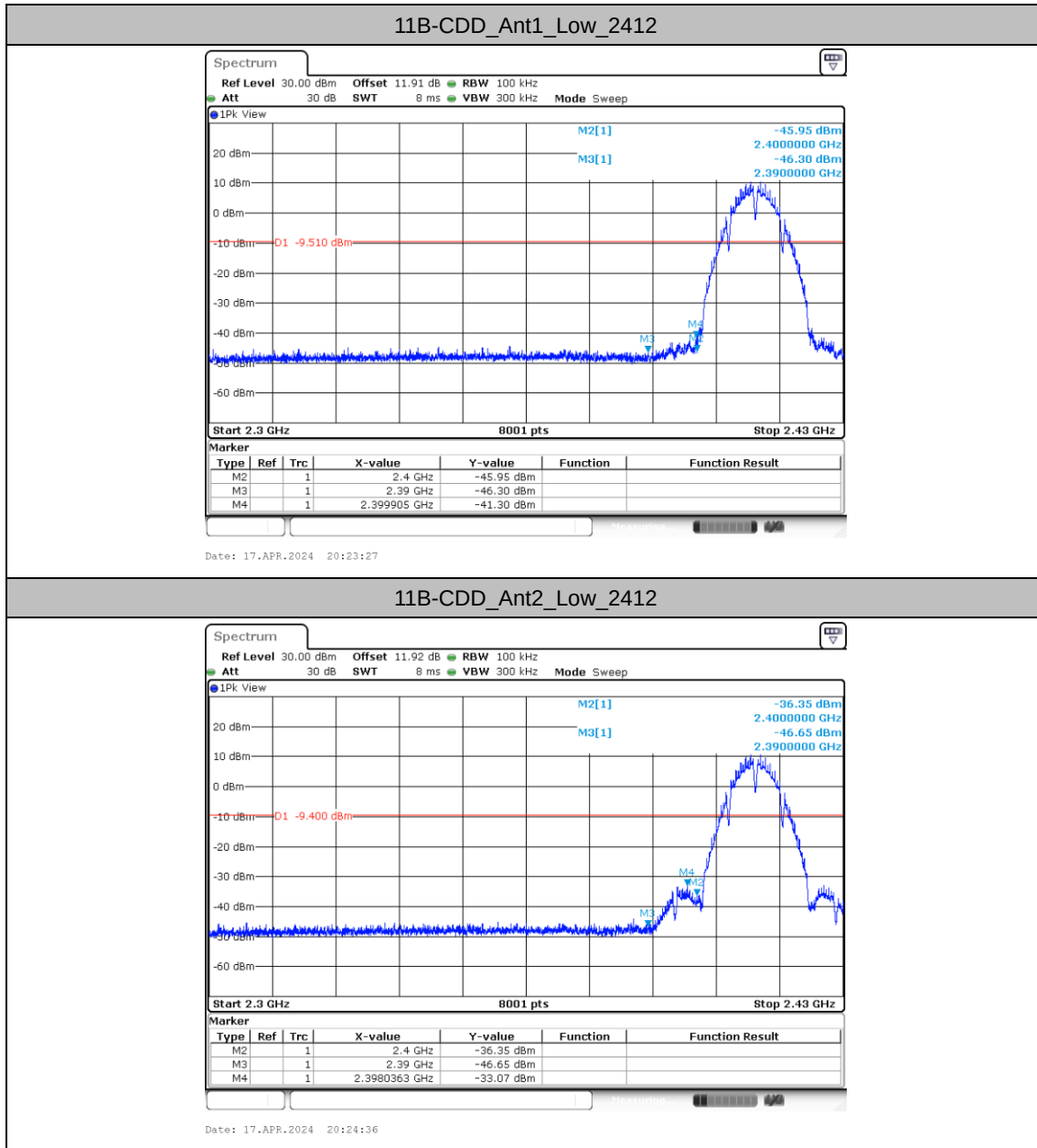
Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm /100KHz]	Result[dBm /100KHz]	Limit[dBm /100KHz]	Verdict
11B-CDD	Ant1	Low	2412	10.49	-41.3	≤-9.51	PASS
	Ant2	Low	2412	10.60	-33.07	≤-9.4	PASS
	Ant1	High	2462	10.26	-45.39	≤-9.74	PASS
	Ant2	High	2462	10.39	-45.11	≤-9.61	PASS
11G-CDD	Ant1	Low	2412	7.53	-22.39	≤-12.47	PASS
	Ant2	Low	2412	7.37	-23.83	≤-12.63	PASS
	Ant1	High	2462	5.36	-43.74	≤-14.64	PASS
	Ant2	High	2462	5.30	-42.67	≤-14.7	PASS
11N20MIMO	Ant1	Low	2412	5.31	-25.68	≤-14.69	PASS
	Ant2	Low	2412	5.18	-26.25	≤-14.82	PASS
	Ant1	High	2462	5.43	-41.14	≤-14.57	PASS
	Ant2	High	2462	6.28	-42.98	≤-13.72	PASS
11N40MIMO	Ant1	Low	2422	2.00	-27.1	≤-18	PASS
	Ant2	Low	2422	1.84	-27.83	≤-18.16	PASS
	Ant1	High	2452	2.78	-37.97	≤-17.22	PASS
	Ant2	High	2452	2.97	-35.07	≤-17.03	PASS
11BE20MIMO	Ant1	Low	2412	6.01	-27.09	≤-13.99	PASS
	Ant2	Low	2412	5.55	-23.59	≤-14.45	PASS
	Ant1	High	2462	6.38	-38.83	≤-13.62	PASS
	Ant2	High	2462	6.55	-40.25	≤-13.45	PASS
11BE40MIMO	Ant1	Low	2422	1.64	-24.08	≤-18.36	PASS
	Ant2	Low	2422	1.76	-27.38	≤-18.24	PASS
	Ant1	High	2452	2.78	-38.12	≤-17.22	PASS
	Ant2	High	2452	2.95	-36.45	≤-17.05	PASS

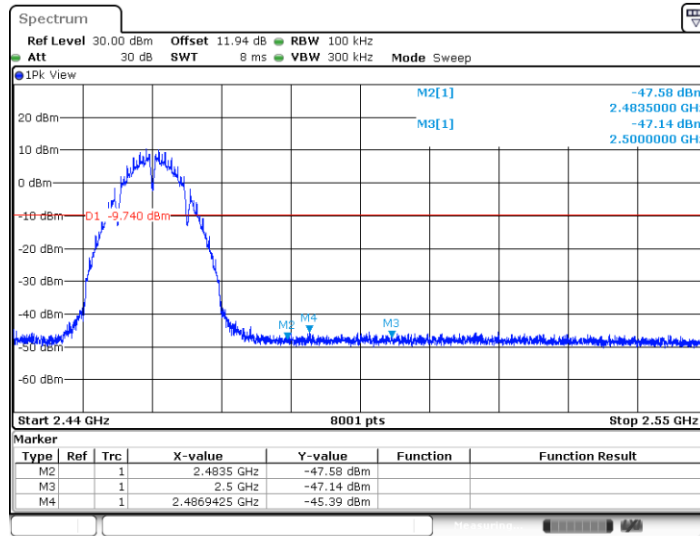


Test Graphs



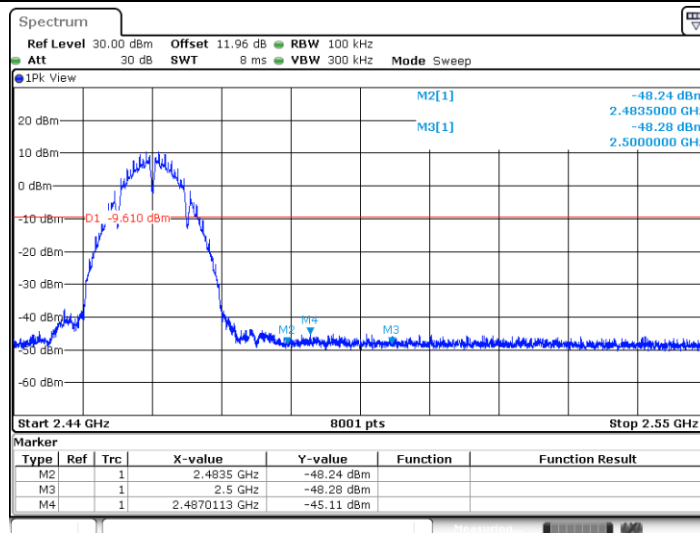


11B-CDD_Ant1_High_2462



Date: 17.APR.2024 20:28:30

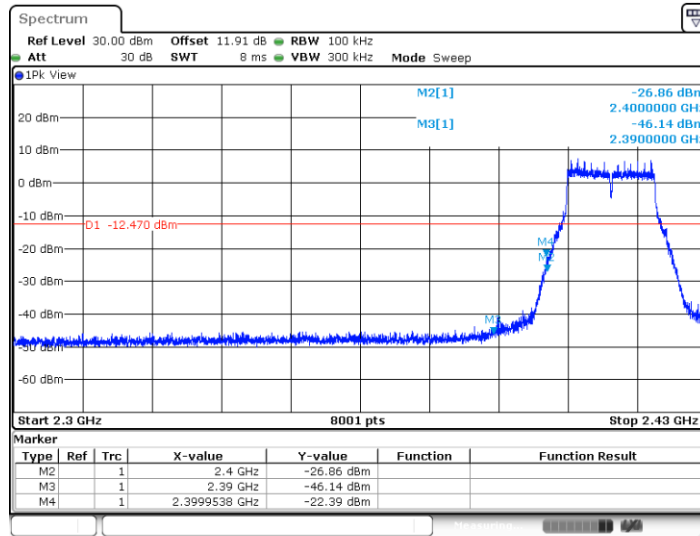
11B-CDD_Ant2_High_2462



Date: 17.APR.2024 20:29:41

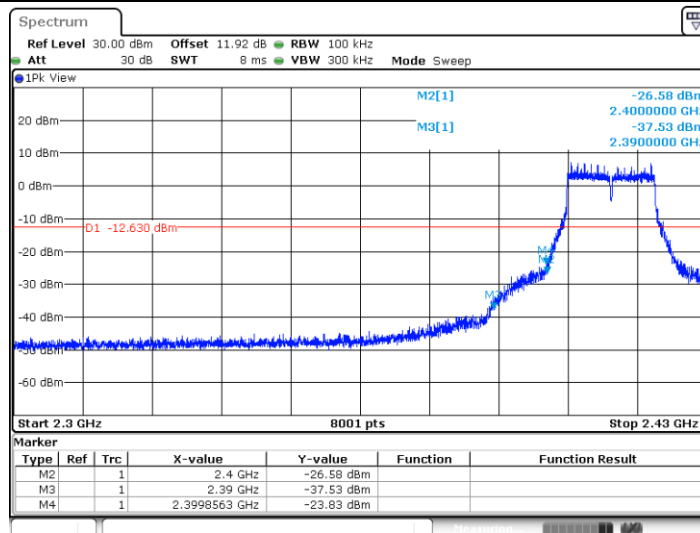


11G-CDD_Ant1_Low_2412

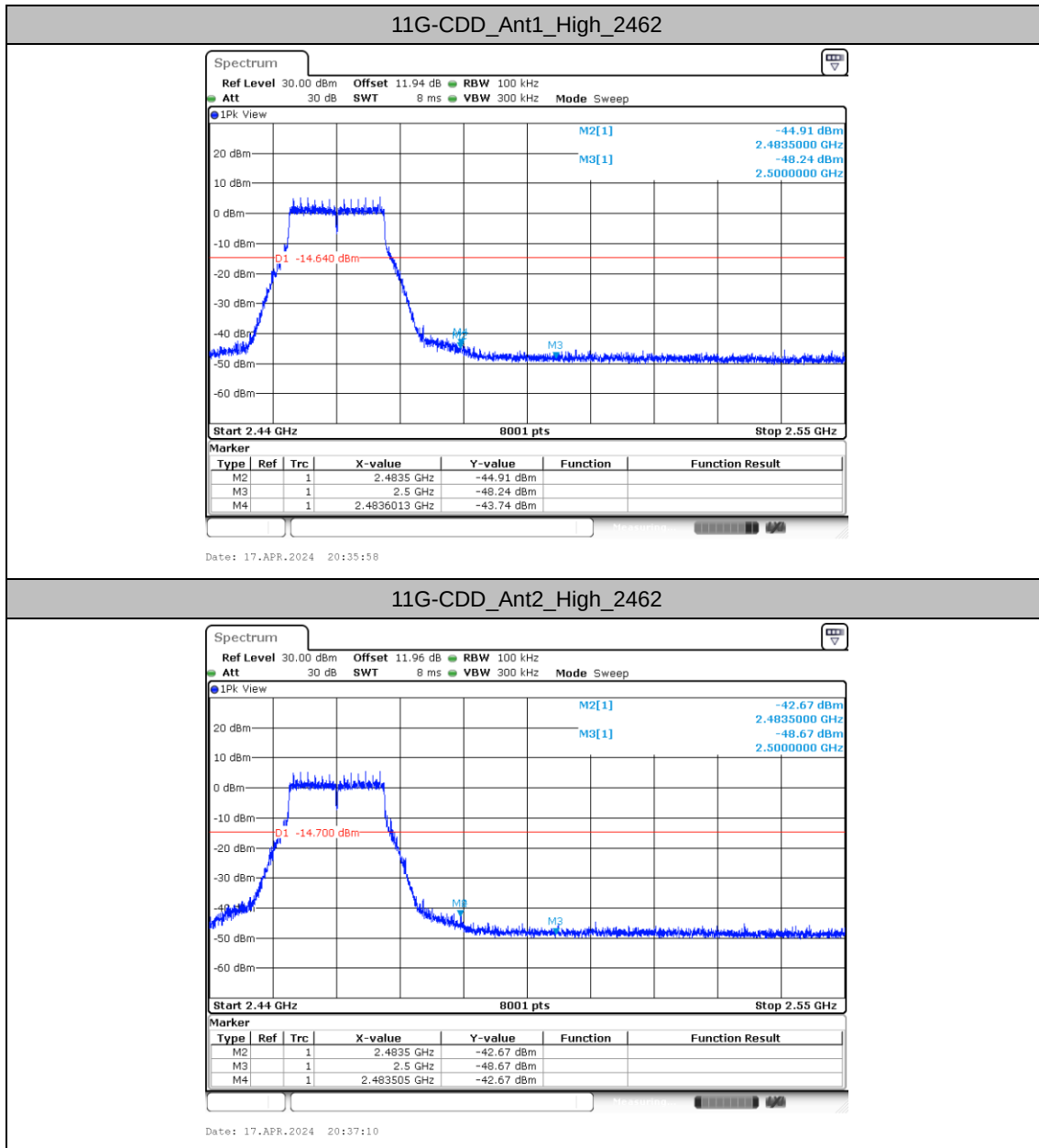


Date: 17.APR.2024 20:31:19

11G-CDD_Ant2_Low_2412

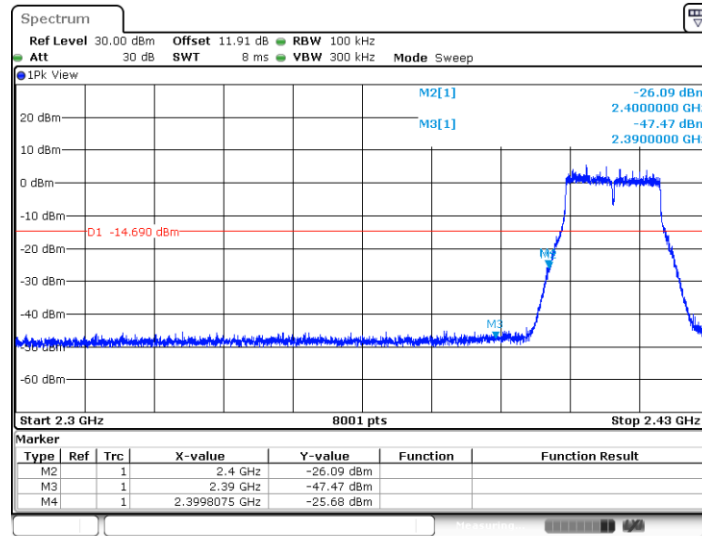


Date: 17.APR.2024 20:32:28



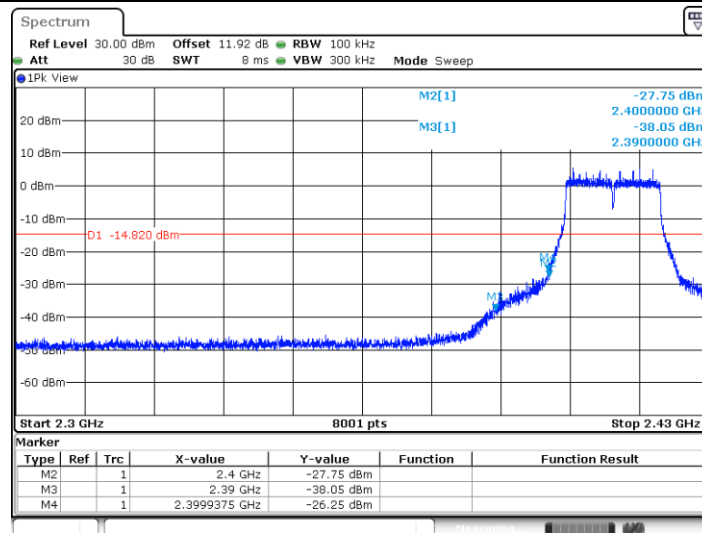


11N20MIMO_Ant1_Low_2412



Date: 17.APR.2024 20:40:41

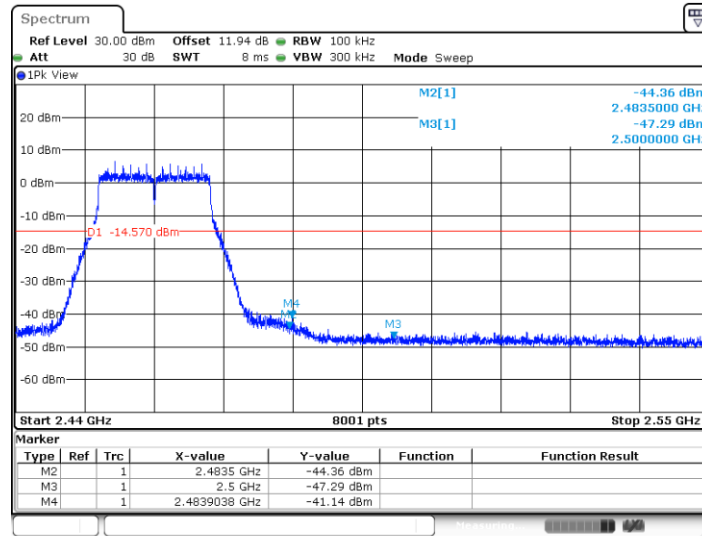
11N20MIMO_Ant2_Low_2412



Date: 17.APR.2024 20:41:53

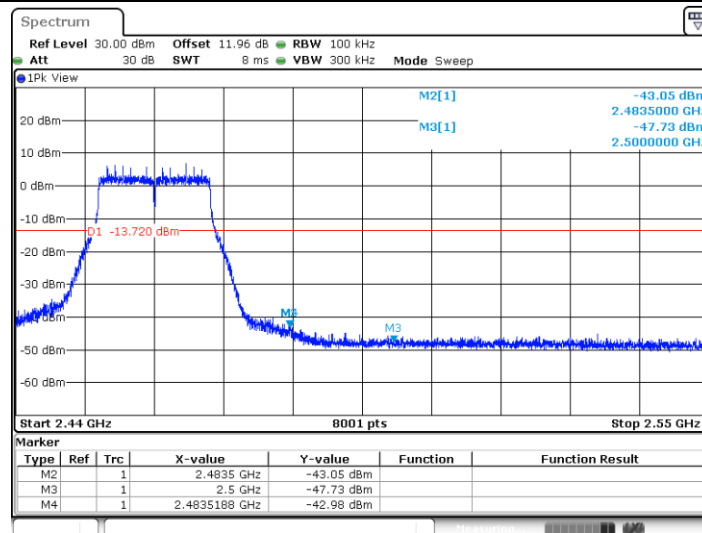


11N20MIMO_Ant1_High_2462



Date: 17.APR.2024 20:47:05

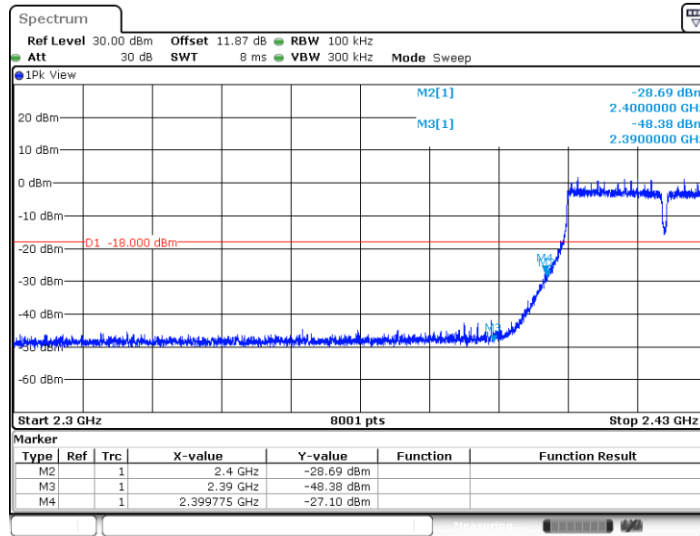
11N20MIMO_Ant2_High_2462



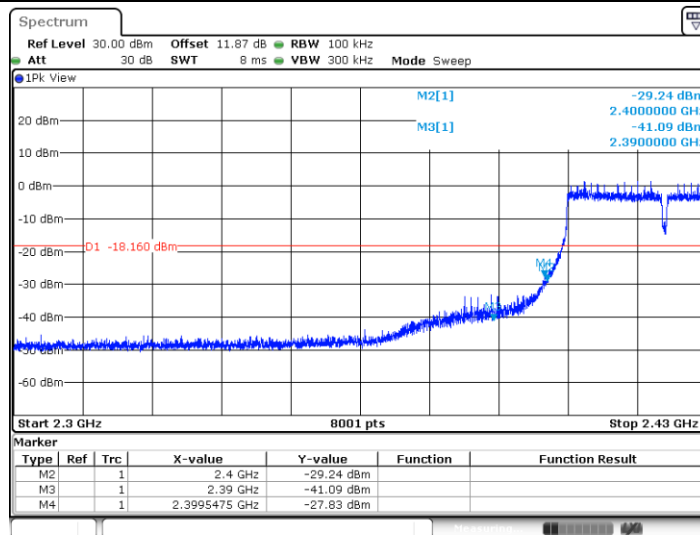
Date: 17.APR.2024 20:48:14



11N40MIMO_Ant1_Low_2422

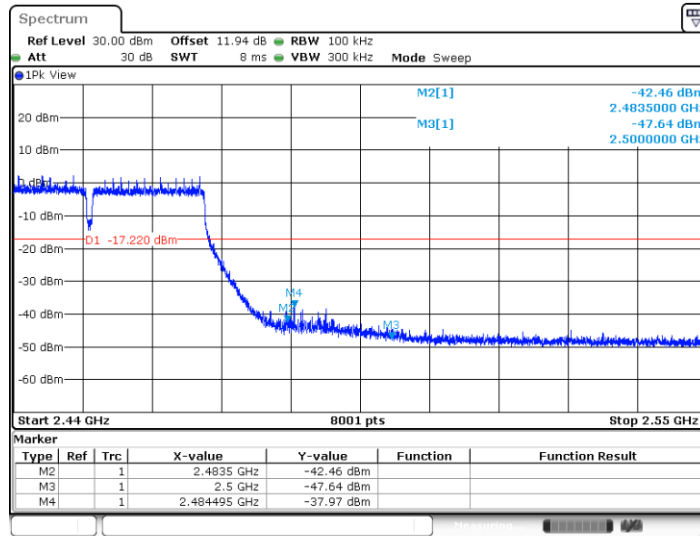


11N40MIMO_Ant2_Low_2422



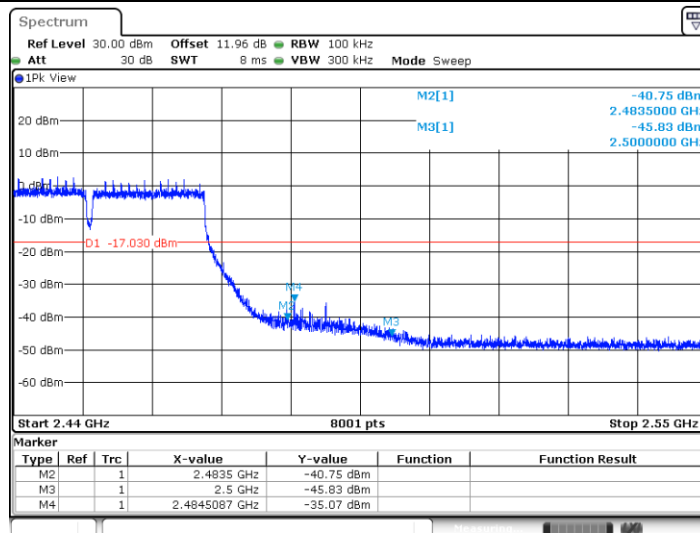


11N40MIMO_Ant1_High_2452



Date: 17.APR.2024 20:56:03

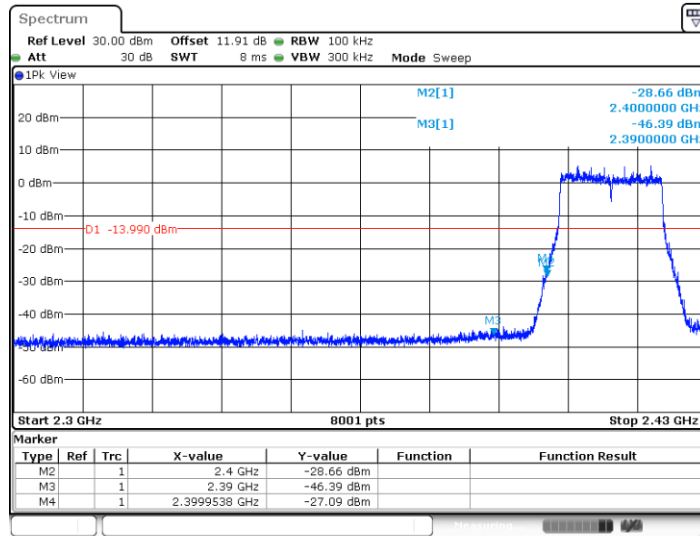
11N40MIMO_Ant2_High_2452



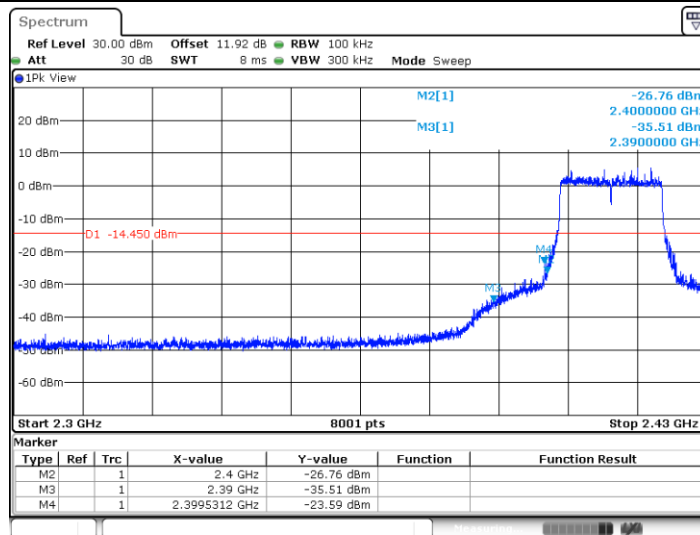
Date: 17.APR.2024 20:57:12



11BE20MIMO_Ant1_Low_2412

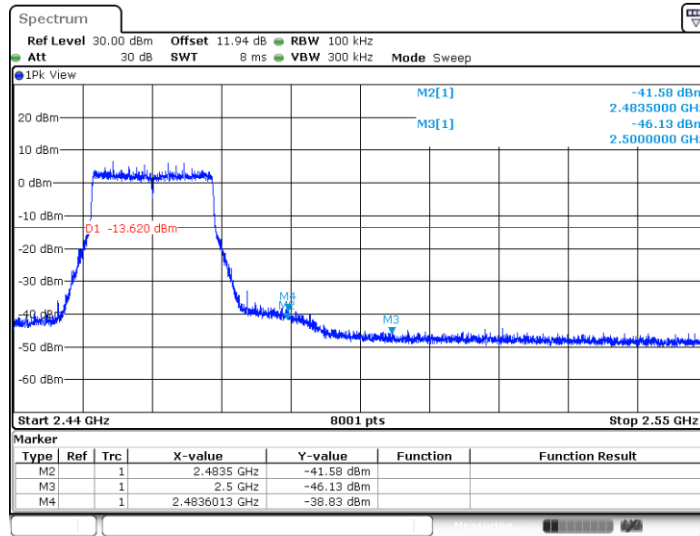


11BE20MIMO_Ant2_Low_2412



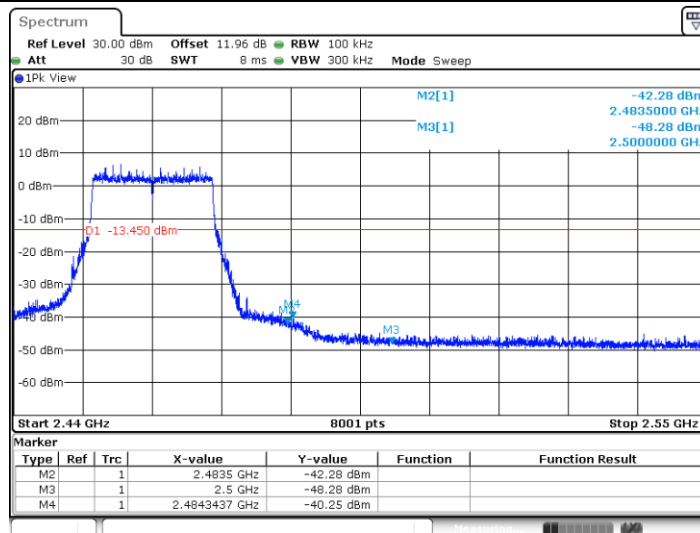


11BE20MIMO_Ant1_High_2462



Date: 17.APR.2024 21:14:35

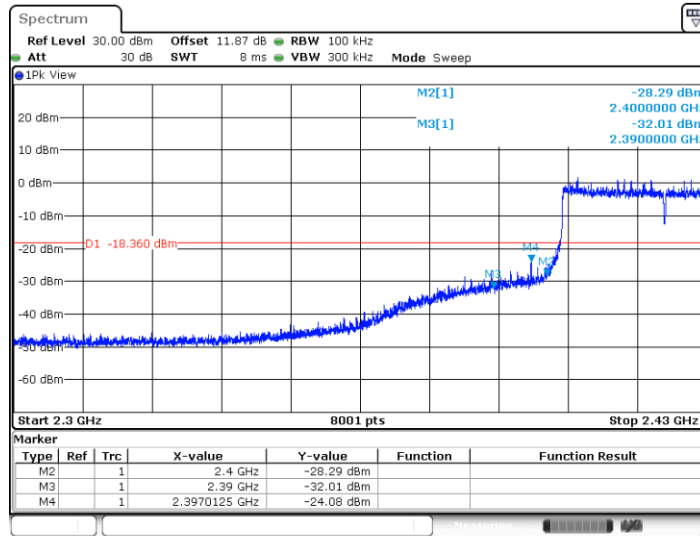
11BE20MIMO_Ant2_High_2462



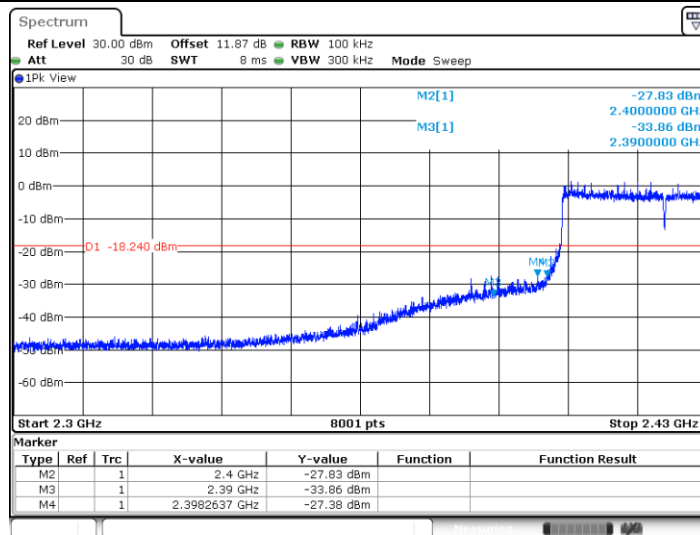
Date: 17.APR.2024 21:15:44



11BE40MIMO_Ant1_Low_2422

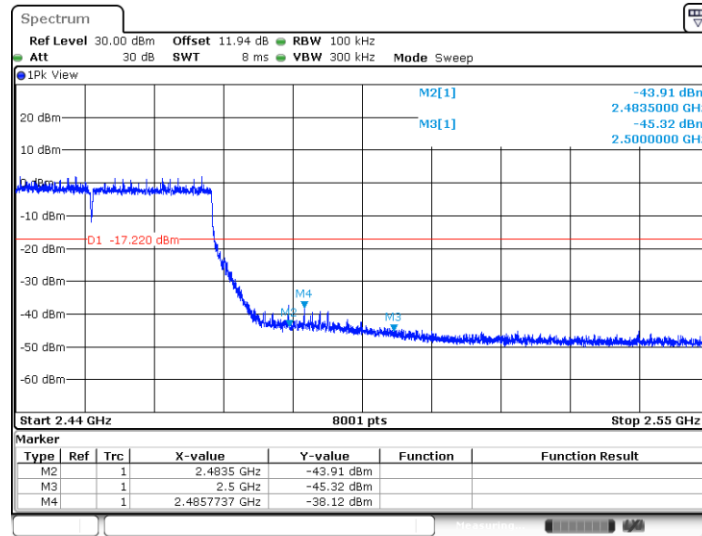


11BE40MIMO_Ant2_Low_2422

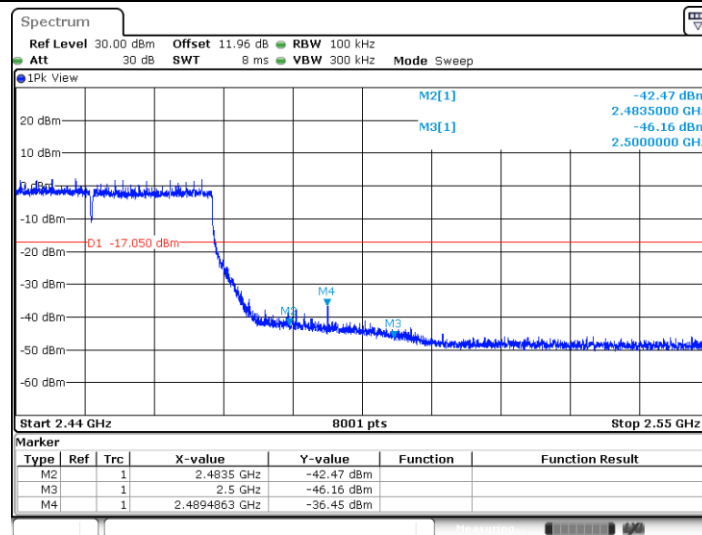




11BE40MIMO_Ant1_High_2452



11BE40MIMO_Ant2_High_2452





Conducted Spurious Emission

Test Result

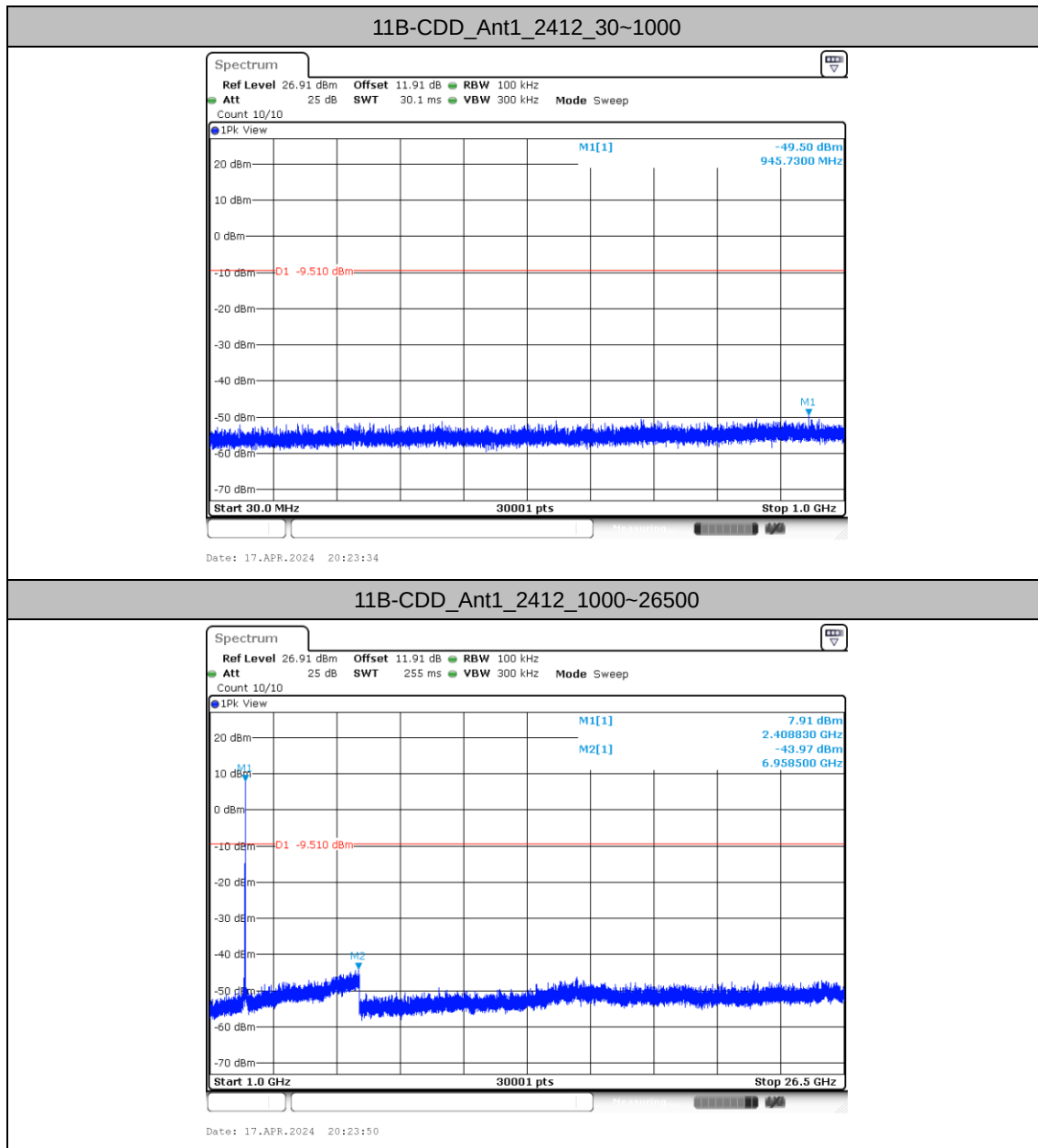
TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
11B-CDD	Ant1	2412	30~1000	10.49	-49.5	≤-9.51	PASS
			1000~26500	10.49	-43.97	≤-9.51	PASS
	Ant2	2412	30~1000	10.60	-50.14	≤-9.4	PASS
			1000~26500	10.60	-44.67	≤-9.4	PASS
	Ant1	2437	30~1000	10.49	-50.32	≤-9.51	PASS
			1000~26500	10.49	-44.07	≤-9.51	PASS
	Ant2	2437	30~1000	10.60	-50.09	≤-9.4	PASS
			1000~26500	10.60	-44.36	≤-9.4	PASS
	Ant1	2462	30~1000	10.26	-49.64	≤-9.74	PASS
			1000~26500	10.26	-44.83	≤-9.74	PASS
	Ant2	2462	30~1000	10.39	-50.03	≤-9.61	PASS
			1000~26500	10.39	-43.94	≤-9.61	PASS
11G-CDD	Ant1	2412	30~1000	7.53	-49.67	≤-12.47	PASS
			1000~26500	7.53	-44.04	≤-12.47	PASS
	Ant2	2412	30~1000	7.37	-49.22	≤-12.63	PASS
			1000~26500	7.37	-44.3	≤-12.63	PASS
	Ant1	2437	30~1000	7.55	-49.78	≤-12.45	PASS
			1000~26500	7.55	-44.05	≤-12.45	PASS
	Ant2	2437	30~1000	7.66	-49.94	≤-12.34	PASS
			1000~26500	7.66	-44.17	≤-12.34	PASS
	Ant1	2462	30~1000	5.36	-49.66	≤-14.64	PASS
			1000~26500	5.36	-43.56	≤-14.64	PASS
	Ant2	2462	30~1000	5.30	-50.12	≤-14.7	PASS
			1000~26500	5.30	-44.18	≤-14.7	PASS
11N20MIMO	Ant1	2412	30~1000	5.31	-48.72	≤-14.69	PASS
			1000~26500	5.31	-44.55	≤-14.69	PASS
	Ant2	2412	30~1000	5.18	-50.3	≤-14.82	PASS
			1000~26500	5.18	-44.45	≤-14.82	PASS
	Ant1	2437	30~1000	7.45	-49.96	≤-12.55	PASS
			1000~26500	7.45	-44.58	≤-12.55	PASS
	Ant2	2437	30~1000	7.49	-48.74	≤-12.51	PASS
			1000~26500	7.49	-43.59	≤-12.51	PASS
	Ant1	2462	30~1000	5.43	-50.29	≤-14.57	PASS
			1000~26500	5.43	-44.38	≤-14.57	PASS



	Ant2	2462	30~1000	6.28	-50.23	≤ -13.72	PASS
			1000~26500	6.28	-44.15	≤ -13.72	PASS
11N40MIMO	Ant1	2422	30~1000	2.00	-50.73	≤ -18	PASS
			1000~26500	2.00	-44.29	≤ -18	PASS
	Ant2	2422	30~1000	1.84	-49.99	≤ -18.16	PASS
			1000~26500	1.84	-44.9	≤ -18.16	PASS
	Ant1	2437	30~1000	3.10	-50.4	≤ -16.9	PASS
			1000~26500	3.10	-44	≤ -16.9	PASS
	Ant2	2437	30~1000	3.27	-50.71	≤ -16.73	PASS
			1000~26500	3.27	-43.93	≤ -16.73	PASS
	Ant1	2452	30~1000	2.78	-49.85	≤ -17.22	PASS
			1000~26500	2.78	-44.22	≤ -17.22	PASS
11BE20MIMO	Ant2	2452	30~1000	2.97	-49.7	≤ -17.03	PASS
			1000~26500	2.97	-44.76	≤ -17.03	PASS
	Ant1	2412	30~1000	6.01	-50.02	≤ -13.99	PASS
			1000~26500	6.01	-43.54	≤ -13.99	PASS
	Ant2	2412	30~1000	5.55	-50.08	≤ -14.45	PASS
			1000~26500	5.55	-44.24	≤ -14.45	PASS
	Ant1	2437	30~1000	7.75	-49.5	≤ -12.25	PASS
			1000~26500	7.75	-43.69	≤ -12.25	PASS
	Ant2	2437	30~1000	7.80	-50.47	≤ -12.2	PASS
			1000~26500	7.80	-44.12	≤ -12.2	PASS
11BE40MIMO	Ant1	2462	30~1000	6.38	-49.9	≤ -13.62	PASS
			1000~26500	6.38	-44.17	≤ -13.62	PASS
	Ant2	2462	30~1000	6.55	-50.02	≤ -13.45	PASS
			1000~26500	6.55	-44.11	≤ -13.45	PASS
	Ant1	2422	30~1000	1.64	-50.14	≤ -18.36	PASS
			1000~26500	1.64	-44.04	≤ -18.36	PASS
	Ant2	2422	30~1000	1.76	-49.57	≤ -18.24	PASS
			1000~26500	1.76	-44.37	≤ -18.24	PASS
	Ant1	2437	30~1000	3.07	-50.4	≤ -16.93	PASS
			1000~26500	3.07	-44.28	≤ -16.93	PASS
	Ant2	2437	30~1000	3.52	-50.43	≤ -16.48	PASS
			1000~26500	3.52	-44.22	≤ -16.48	PASS
	Ant1	2452	30~1000	2.78	-49.96	≤ -17.22	PASS
			1000~26500	2.78	-44.71	≤ -17.22	PASS
	Ant2	2452	30~1000	2.95	-50.3	≤ -17.05	PASS
			1000~26500	2.95	-43.8	≤ -17.05	PASS

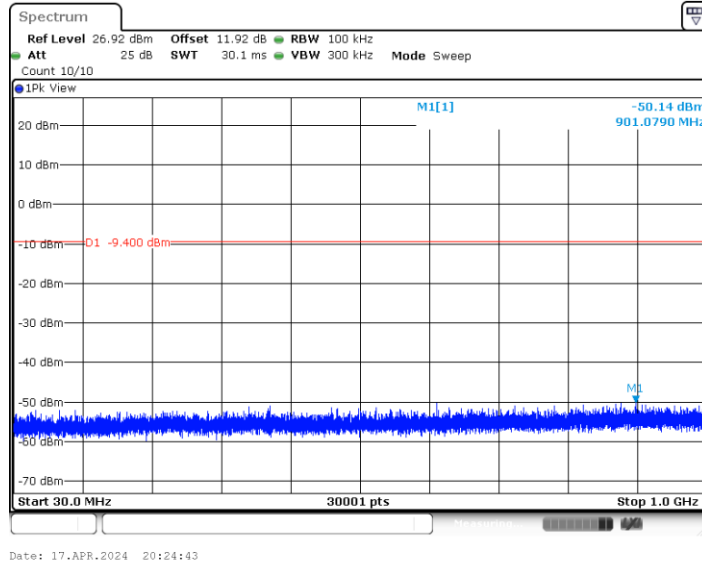


Test Graphs

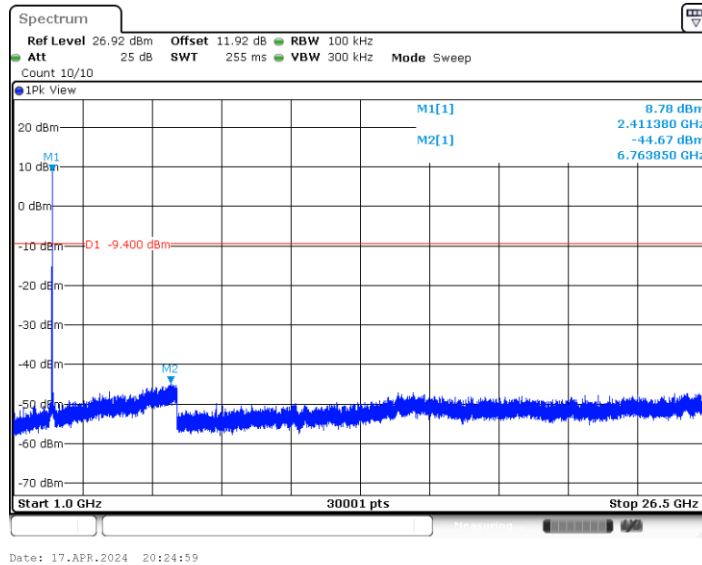




11B-CDD_Ant2_2412_30~1000

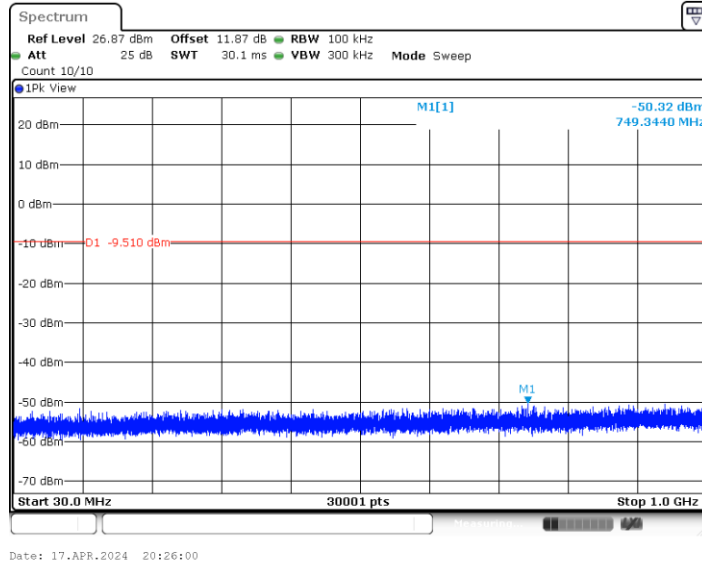


11B-CDD_Ant2_2412_1000~26500

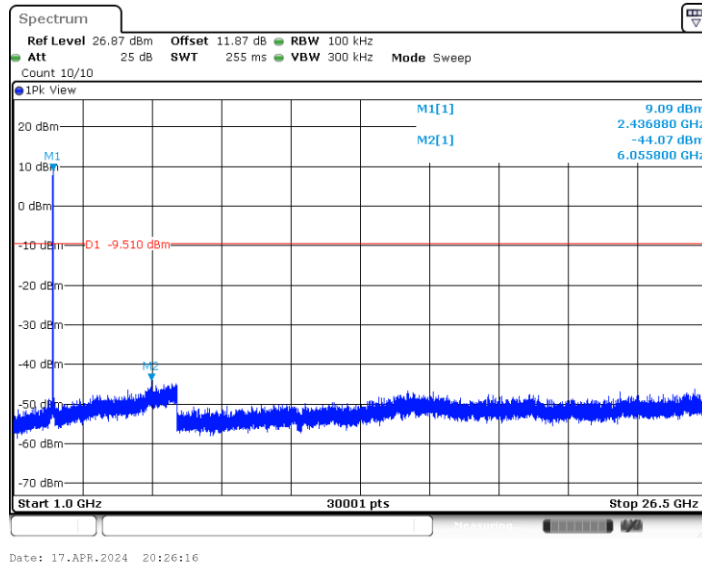


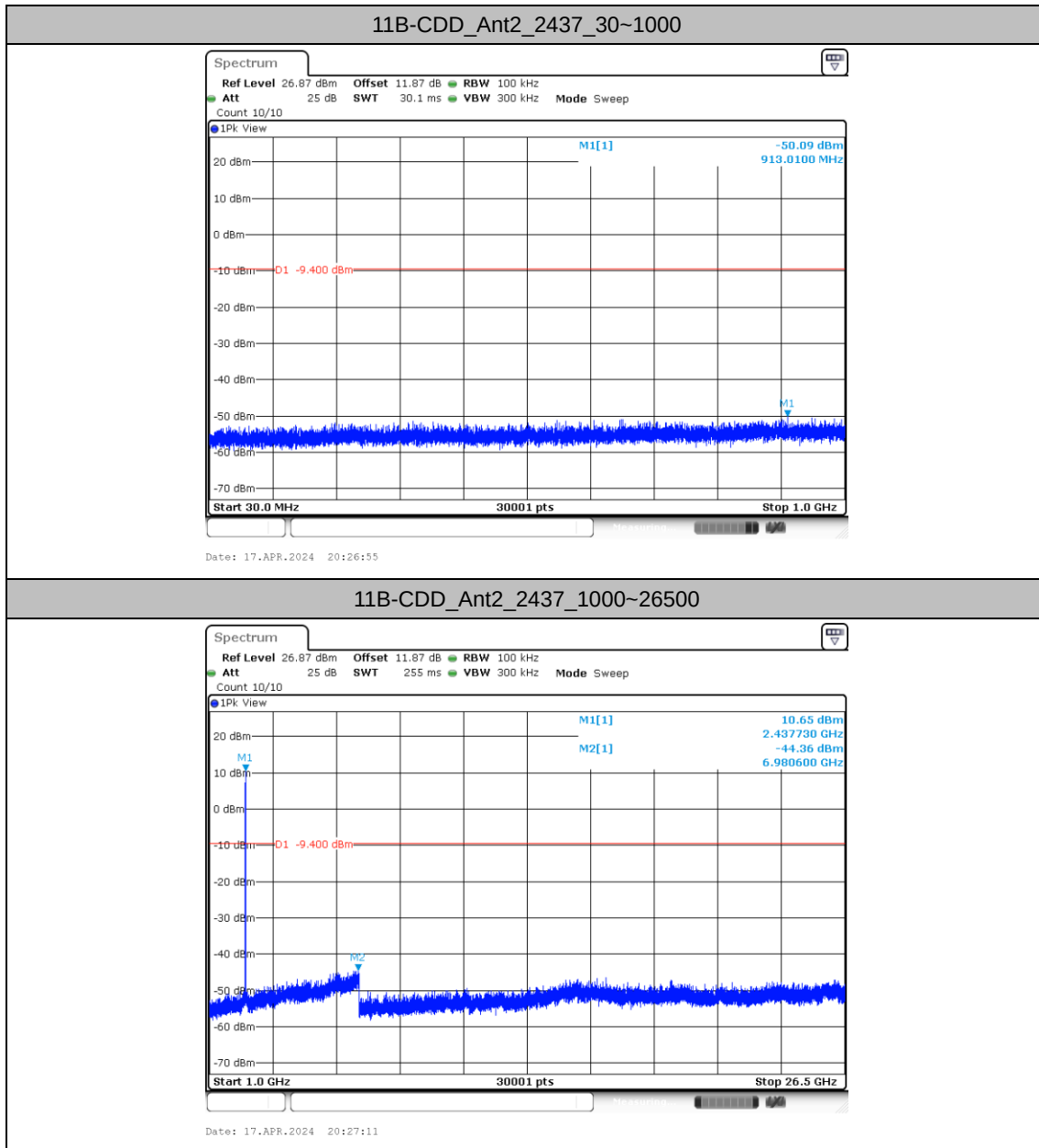


11B-CDD_Ant1_2437_30~1000



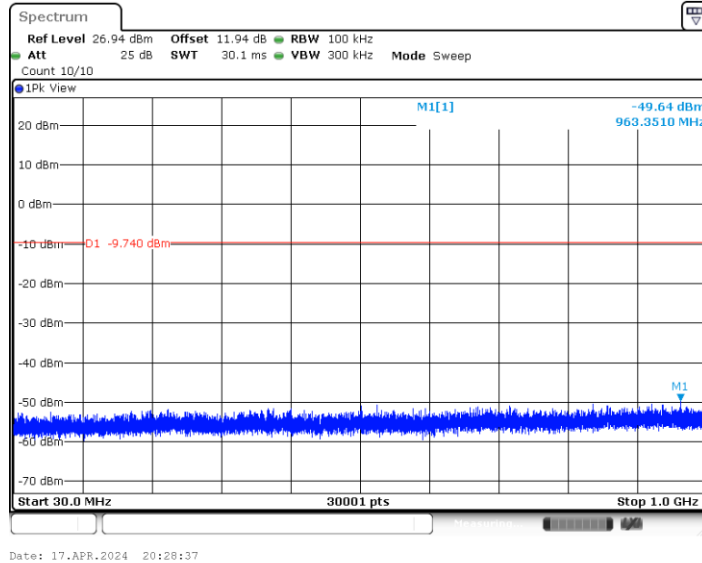
11B-CDD_Ant1_2437_1000~26500



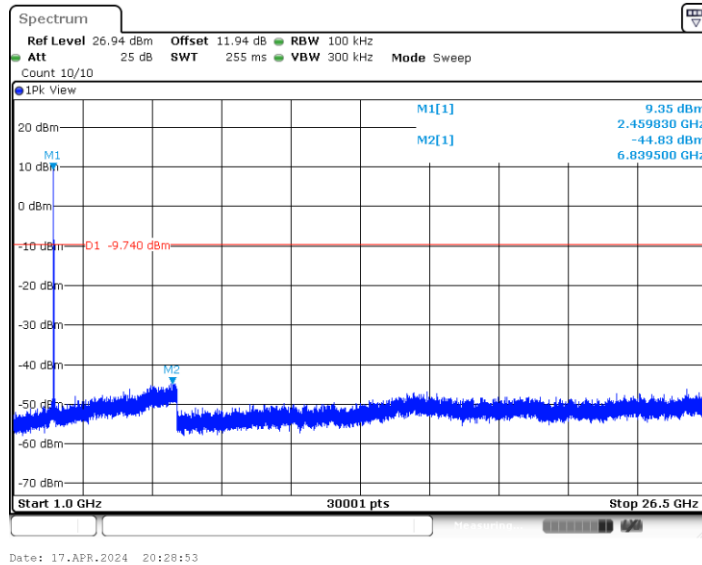




11B-CDD_Ant1_2462_30~1000

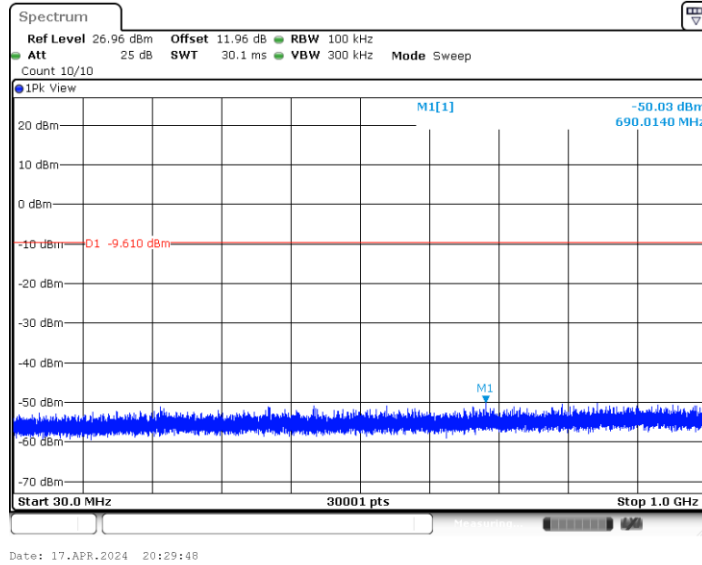


11B-CDD_Ant1_2462_1000~26500

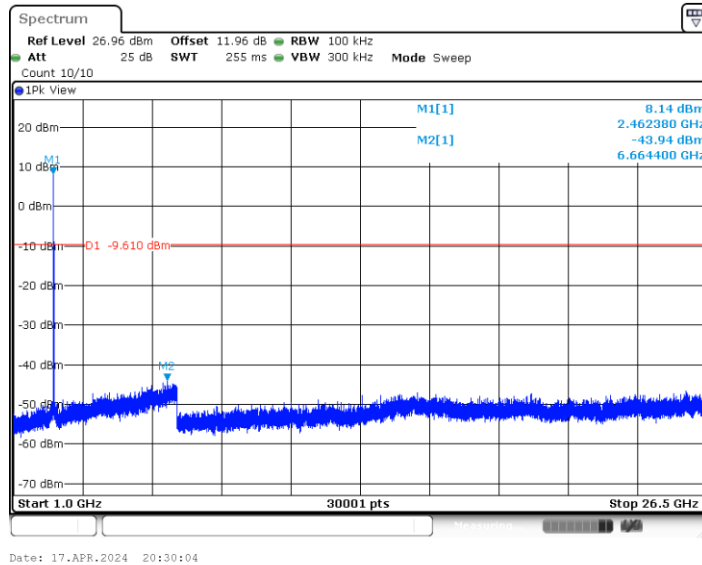




11B-CDD_Ant2_2462_30~1000

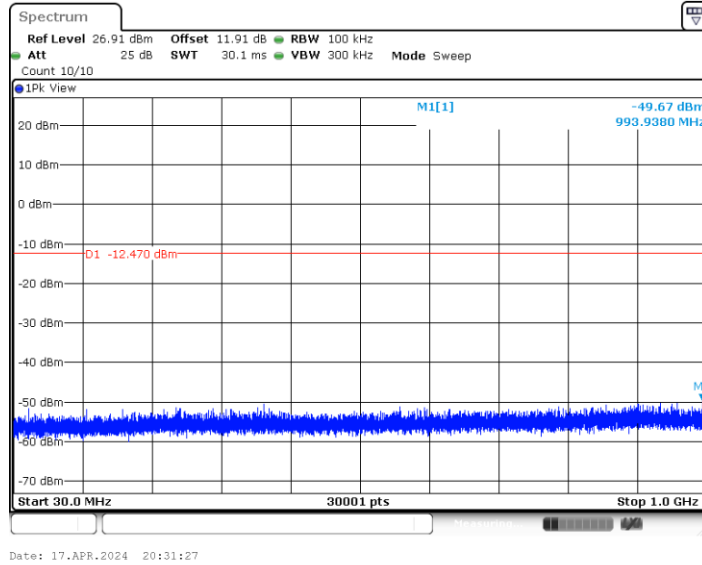


11B-CDD_Ant2_2462_1000~26500

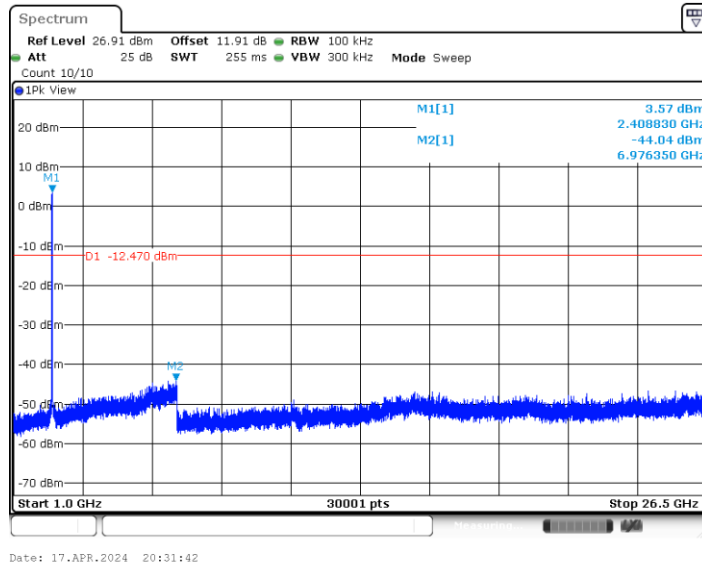




11G-CDD_Ant1_2412_30~1000

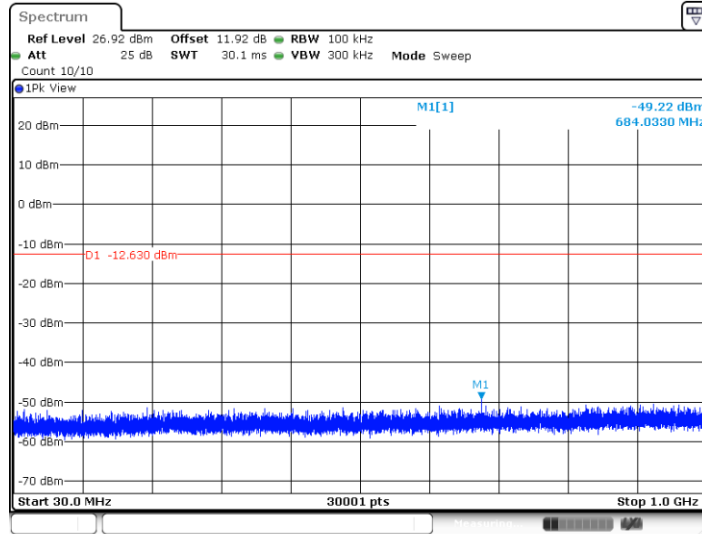


11G-CDD_Ant1_2412_1000~26500



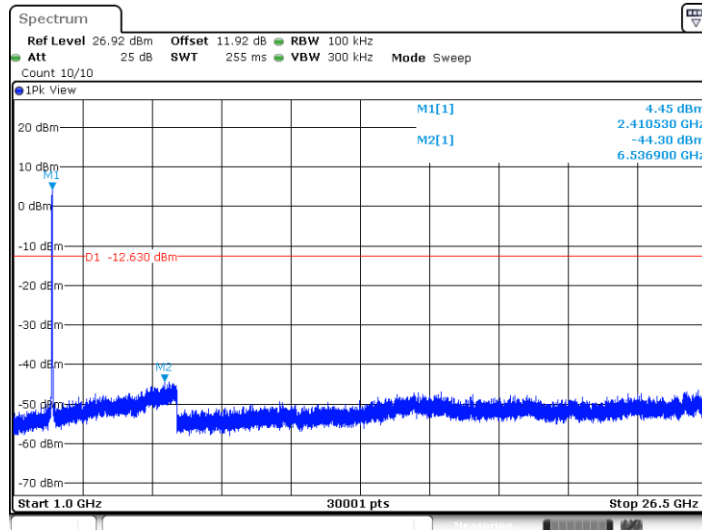


11G-CDD_Ant2_2412_30~1000



Date: 17.APR.2024 20:32:35

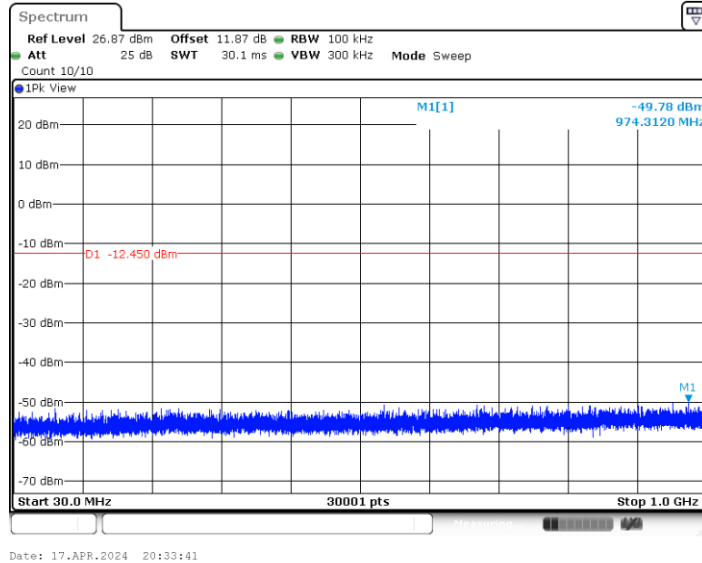
11G-CDD_Ant2_2412_1000~26500



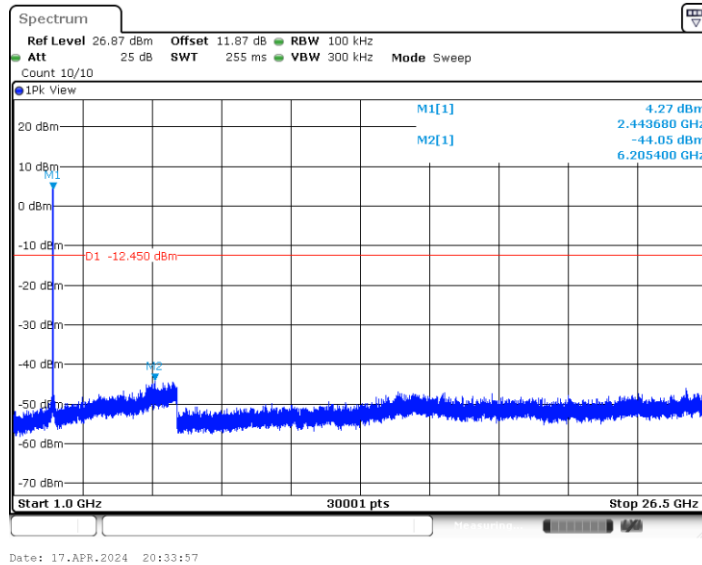
Date: 17.APR.2024 20:32:51



11G-CDD_Ant1_2437_30~1000

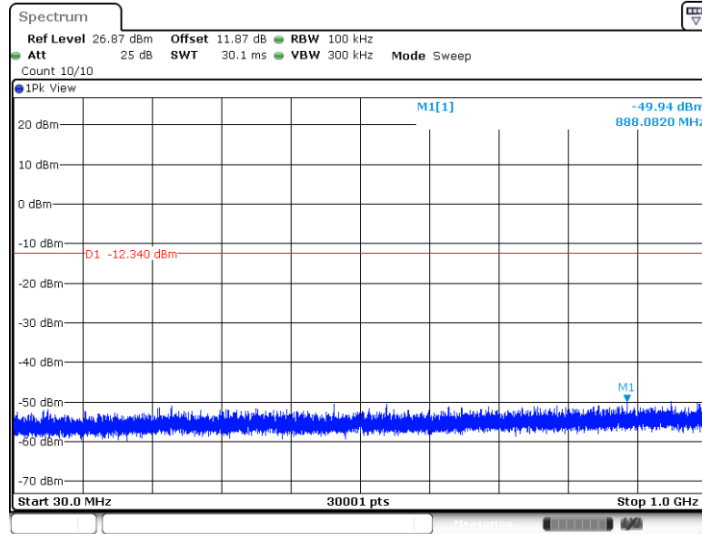


11G-CDD_Ant1_2437_1000~26500



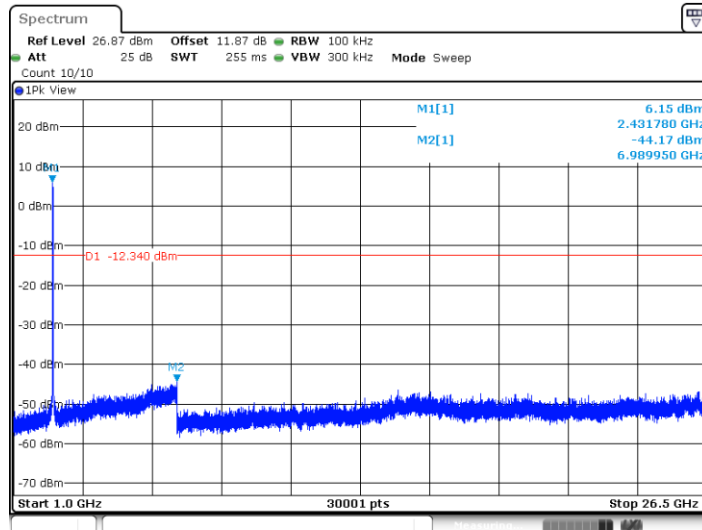


11G-CDD_Ant2_2437_30~1000



Date: 17.APR.2024 20:34:35

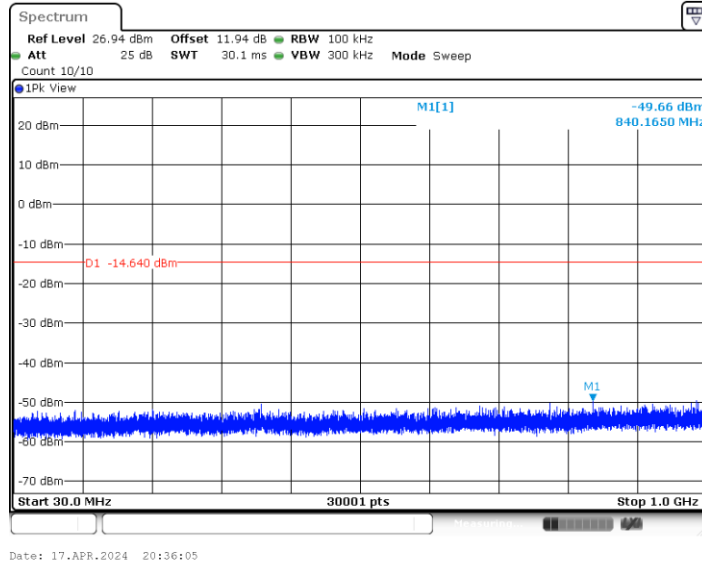
11G-CDD_Ant2_2437_1000~26500



Date: 17.APR.2024 20:34:51



11G-CDD_Ant1_2462_30~1000



11G-CDD_Ant1_2462_1000~26500

