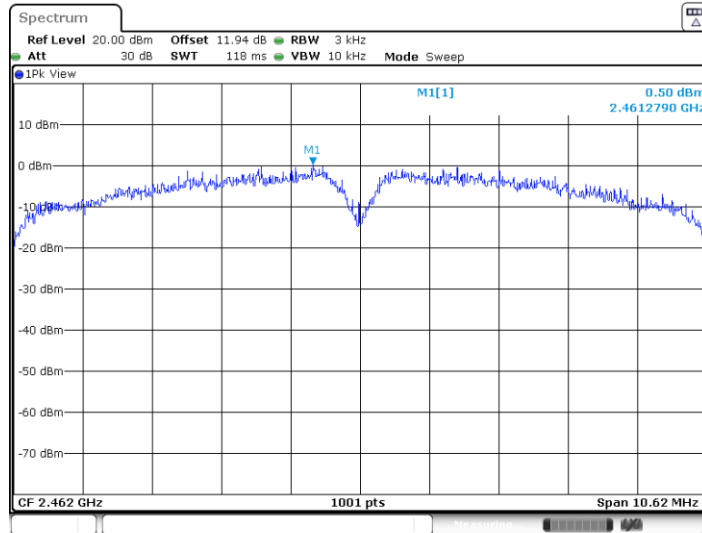


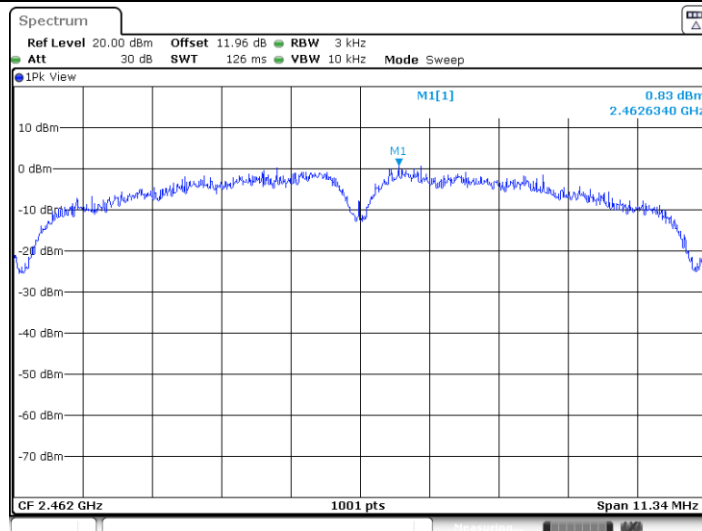


11B_Ant0_2462



Date: 22.FEB.2024 18:43:33

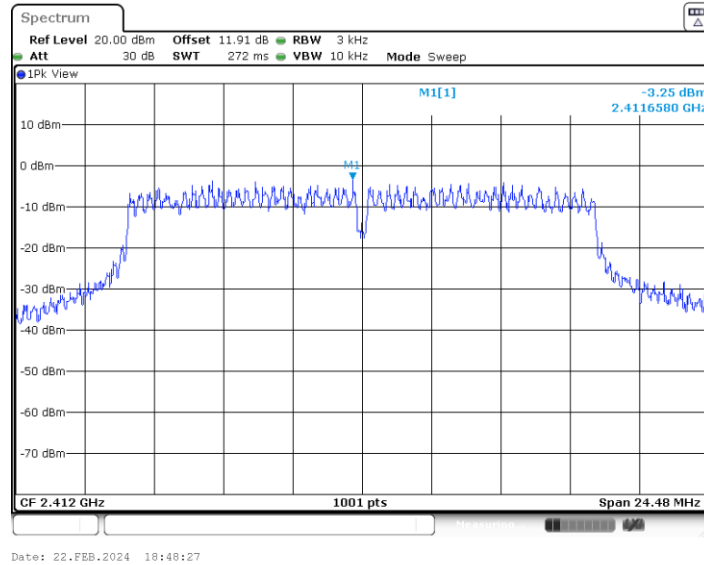
11B_Ant1_2462



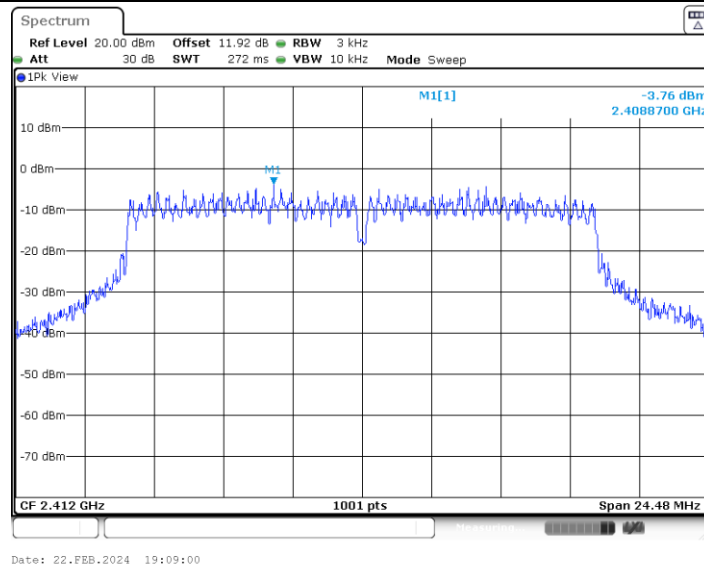
Date: 22.FEB.2024 19:07:10



11G_Ant0_2412

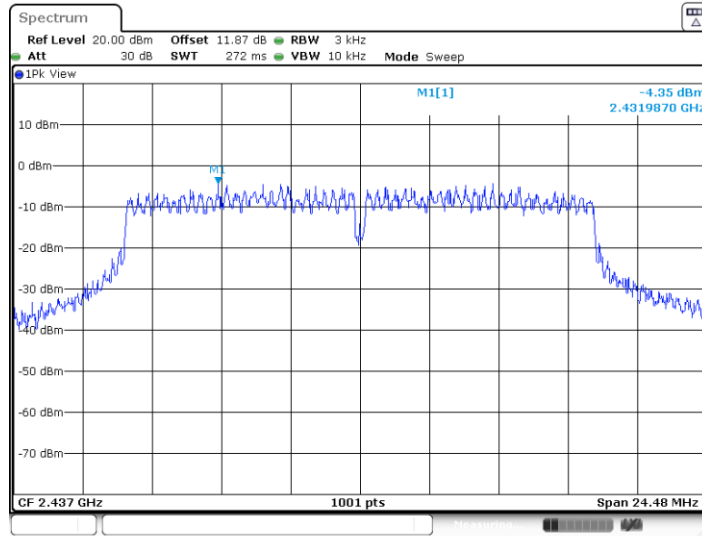


11G_Ant1_2412

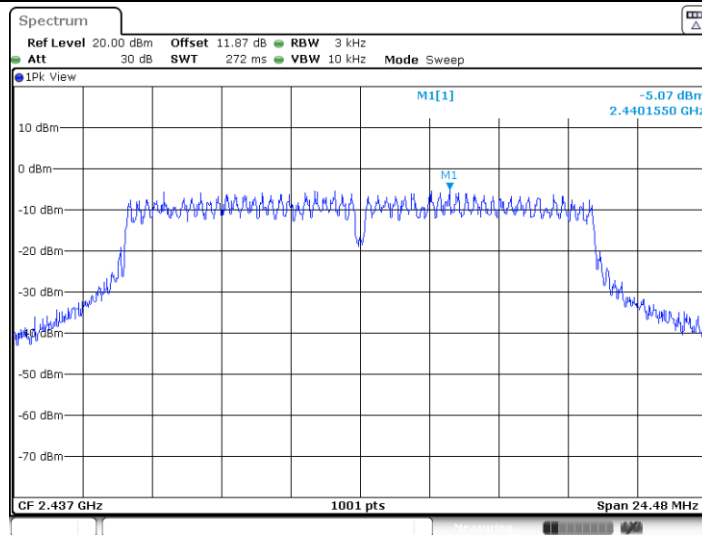




11G_Ant0_2437

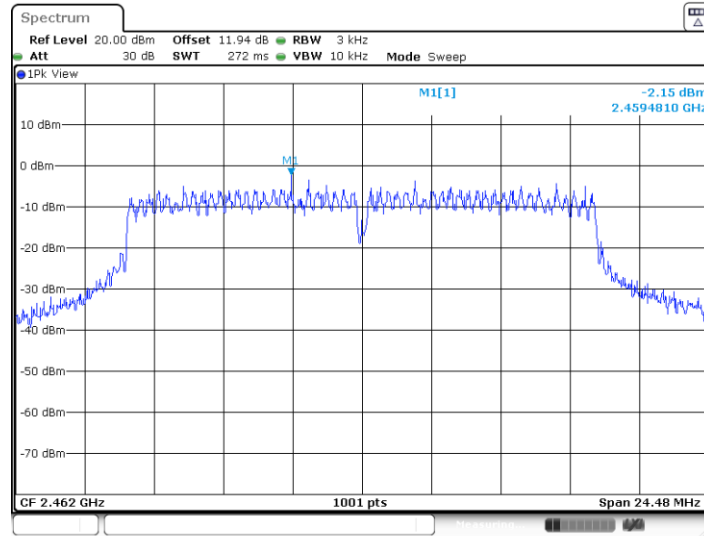


11G_Ant1_2437

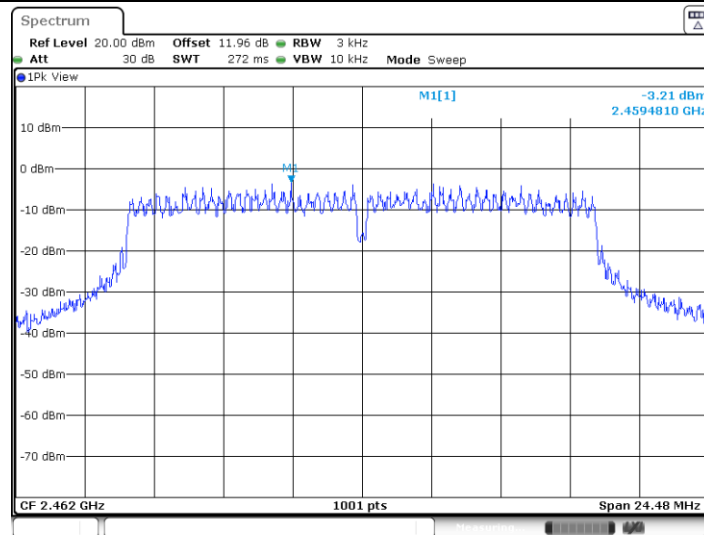




11G_Ant0_2462

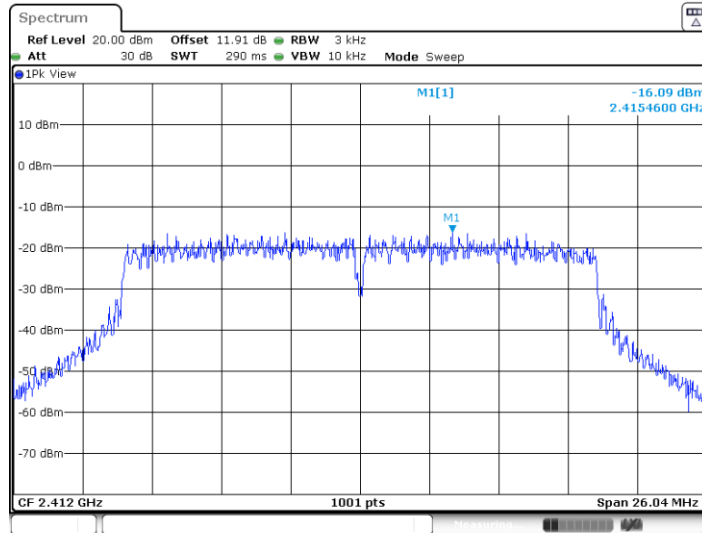


11G_Ant1_2462



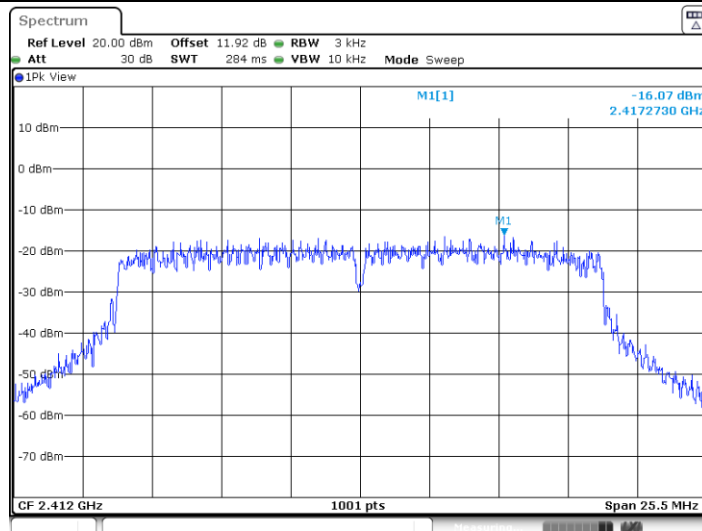


11N20MIMO_Ant0_2412



Date: 22.FEB.2024 19:16:15

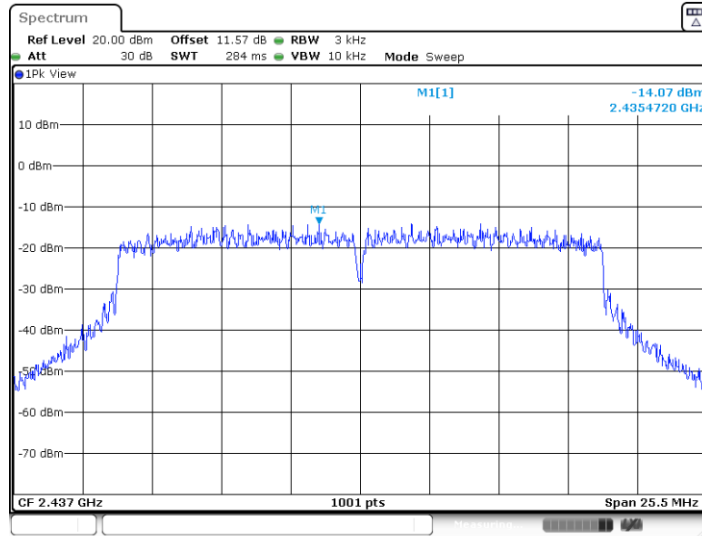
11N20MIMO_Ant1_2412



Date: 22.FEB.2024 19:23:57

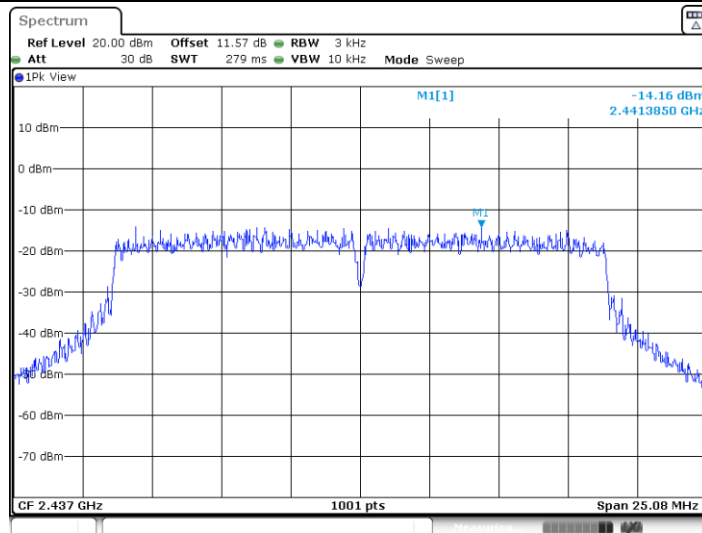


11N20MIMO_Ant0_2437

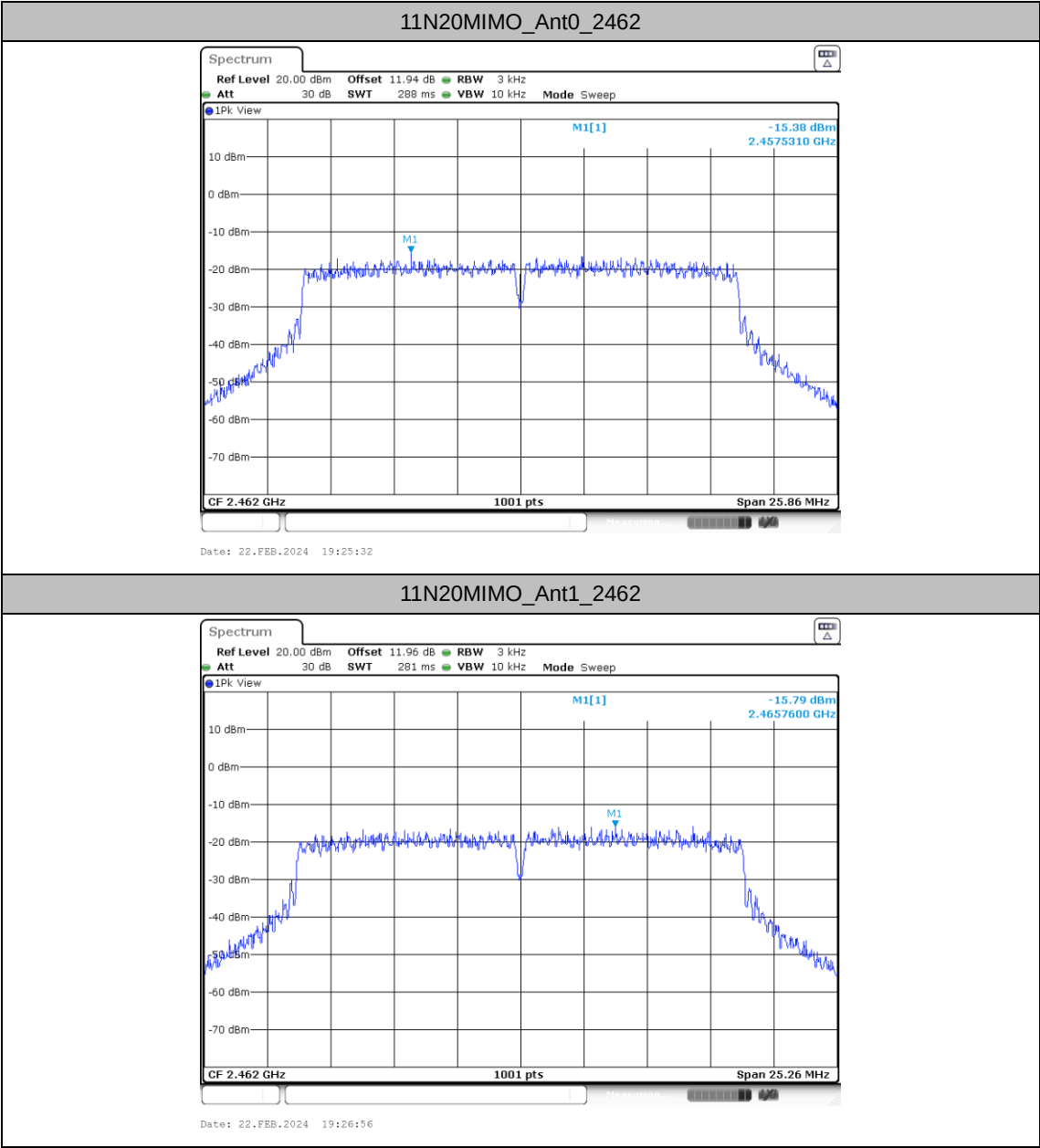


Date: 24.FEB.2024 03:44:56

11N20MIMO_Ant1_2437

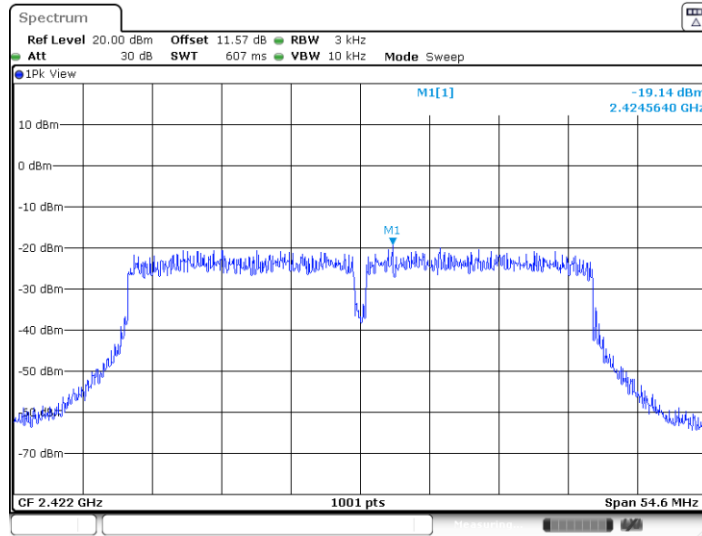


Date: 24.FEB.2024 03:46:22



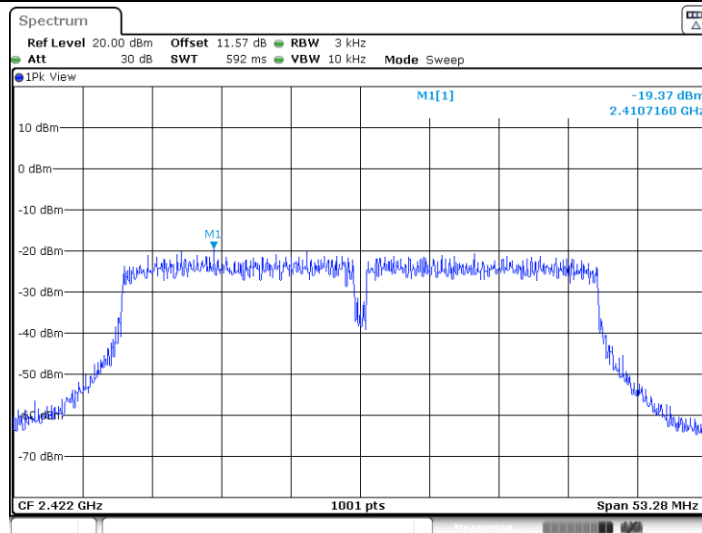


11N40MIMO_Ant0_2422



Date: 22.FEB.2024 20:51:07

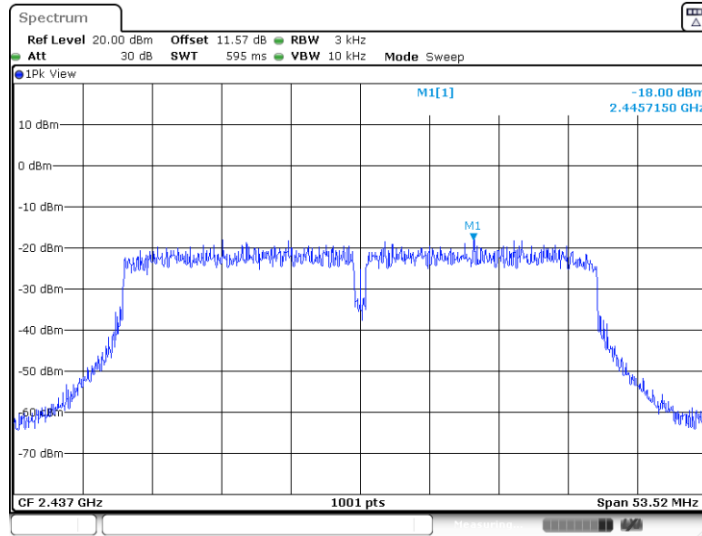
11N40MIMO_Ant1_2422



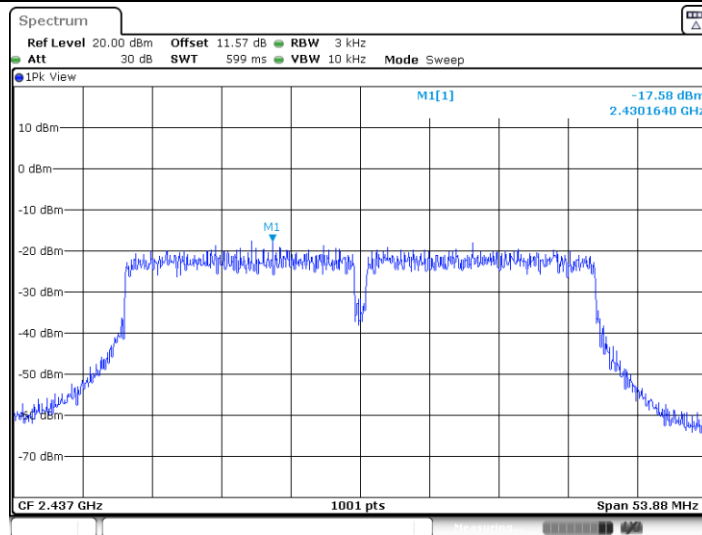
Date: 22.FEB.2024 20:52:54



11N40MIMO_Ant0_2437

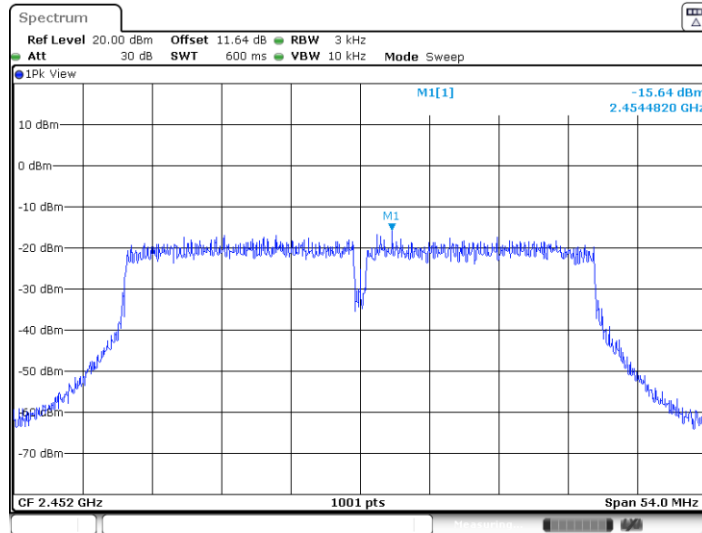


11N40MIMO_Ant1_2437



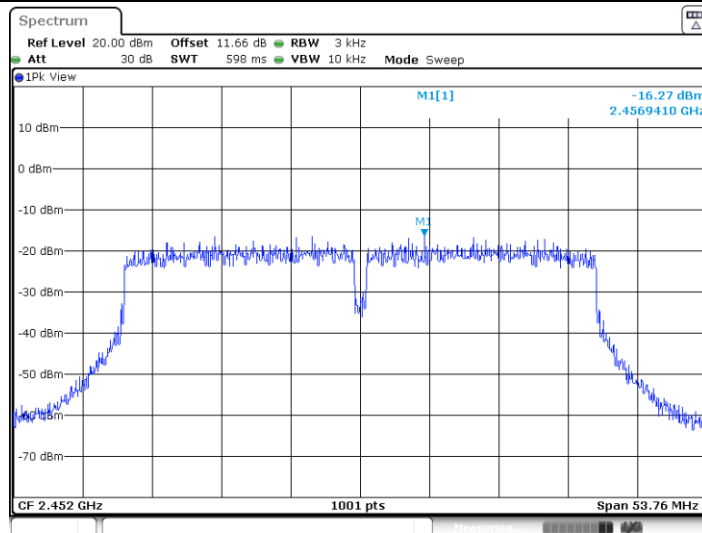


11N40MIMO_Ant0_2452



Date: 22.FEB.2024 21:00:56

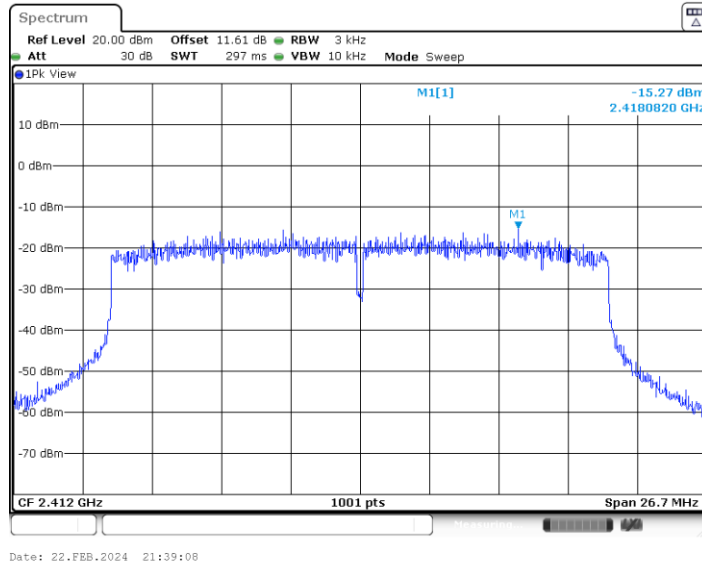
11N40MIMO_Ant1_2452



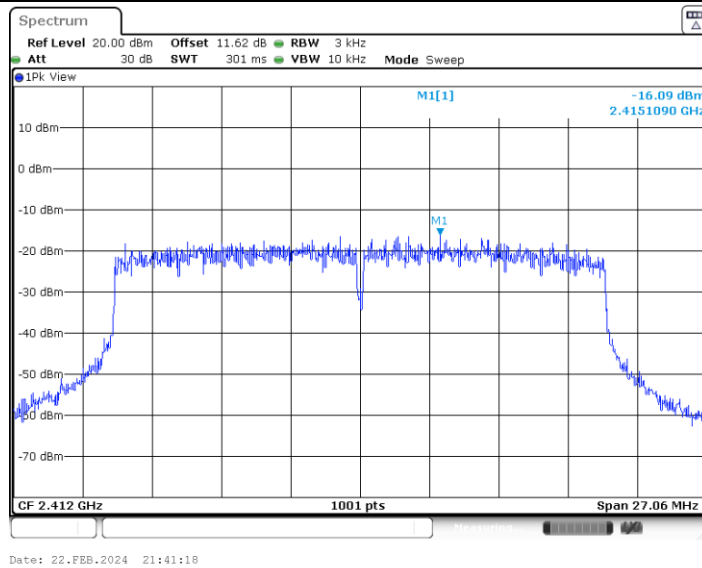
Date: 22.FEB.2024 21:02:41



11AX20MIMO_Ant0_2412

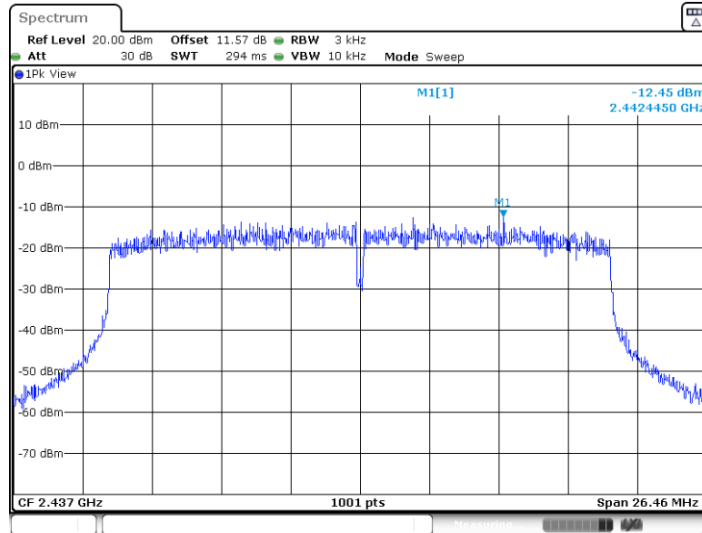


11AX20MIMO_Ant1_2412



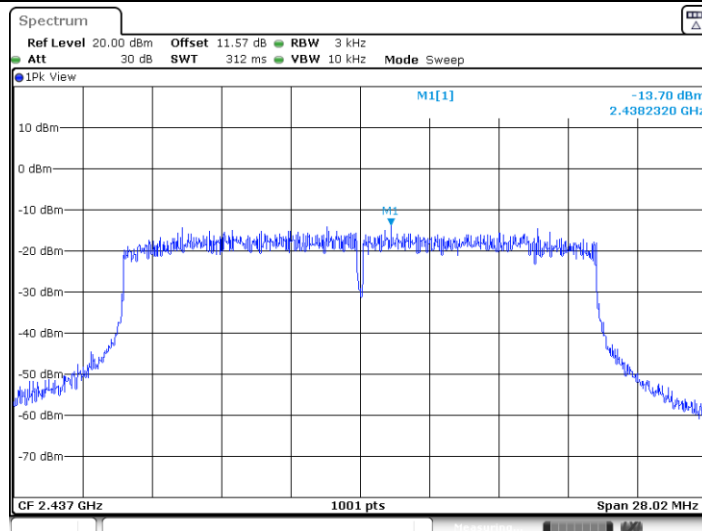


11AX20MIMO_Ant0_2437



Date: 24.FEB.2024 03:59:01

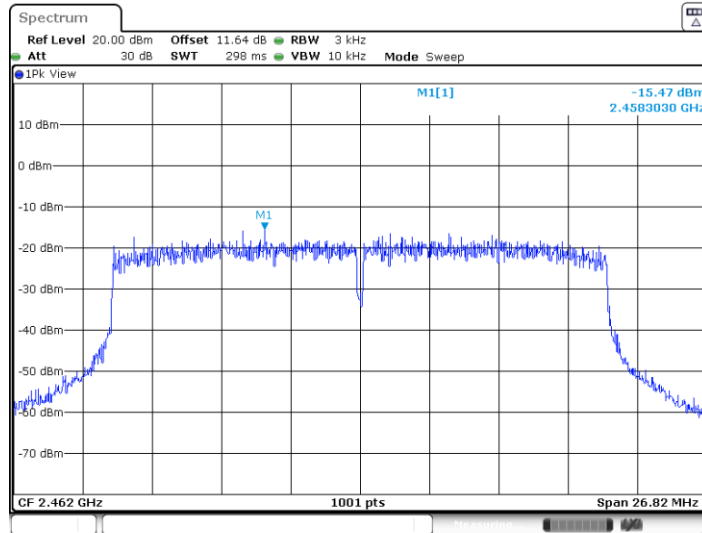
11AX20MIMO_Ant1_2437



Date: 24.FEB.2024 04:01:45

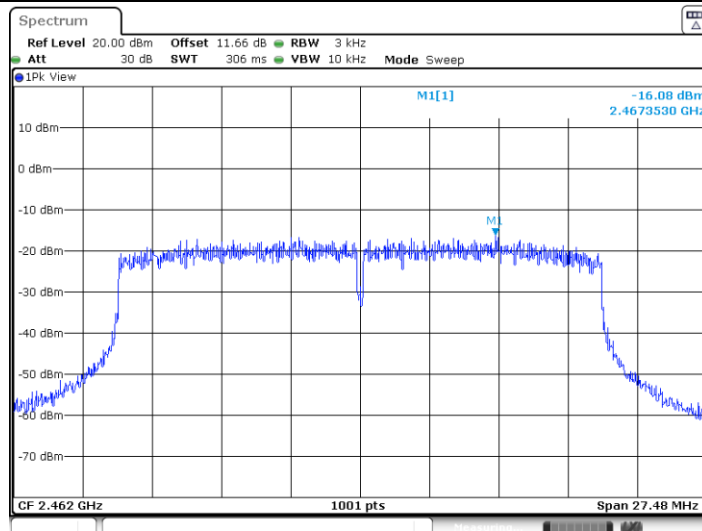


11AX20MIMO_Ant0_2462



Date: 22.FEB.2024 22:01:55

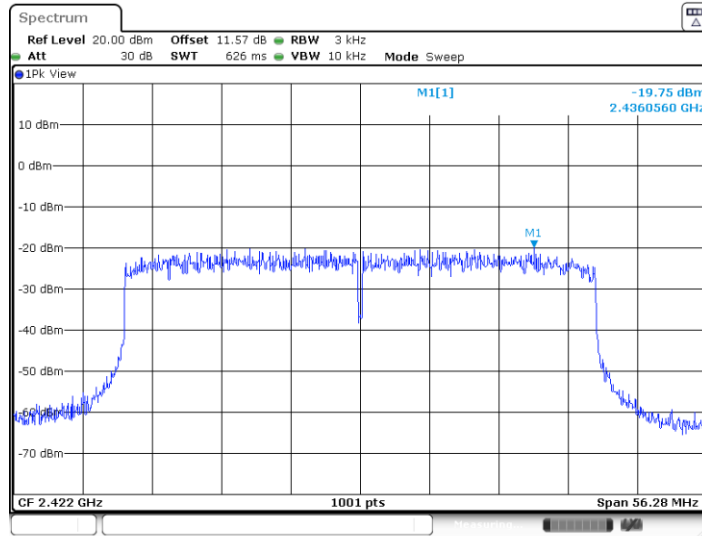
11AX20MIMO_Ant1_2462



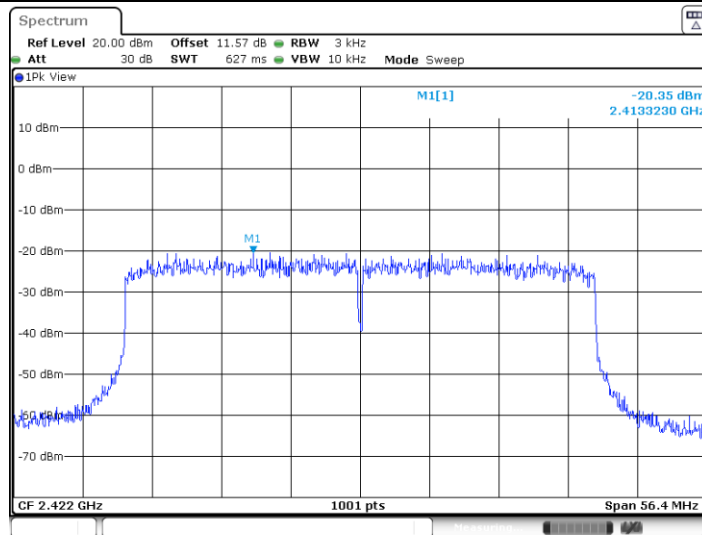
Date: 22.FEB.2024 22:03:58



11AX40MIMO_Ant0_2422

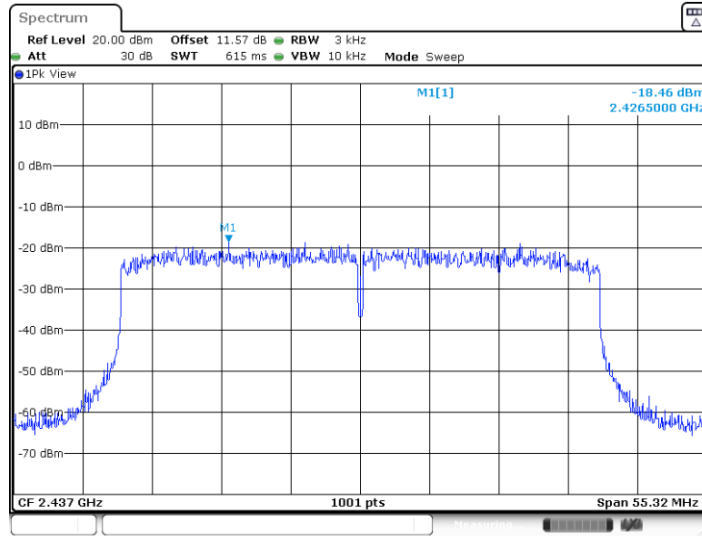


11AX40MIMO_Ant1_2422



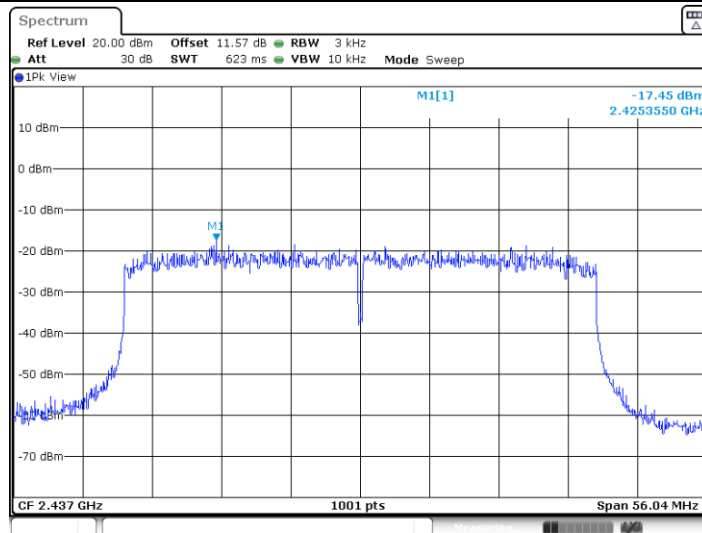


11AX40MIMO_Ant0_2437



Date: 24.FEB.2024 04:02:32

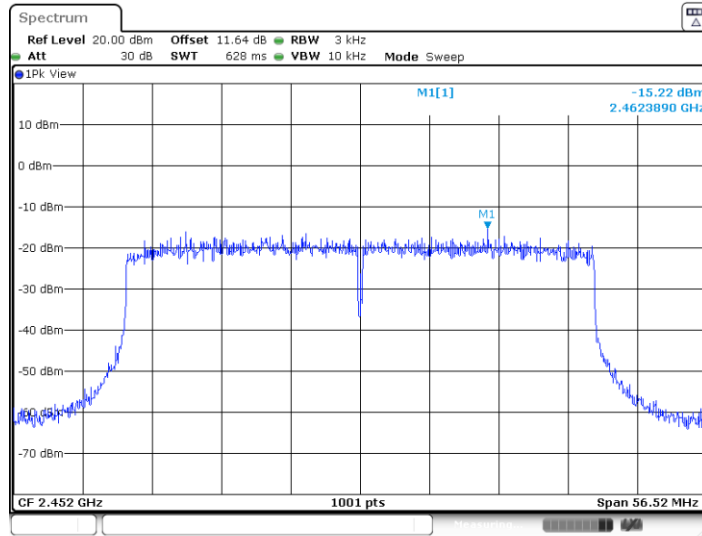
11AX40MIMO_Ant1_2437



Date: 24.FEB.2024 04:03:57

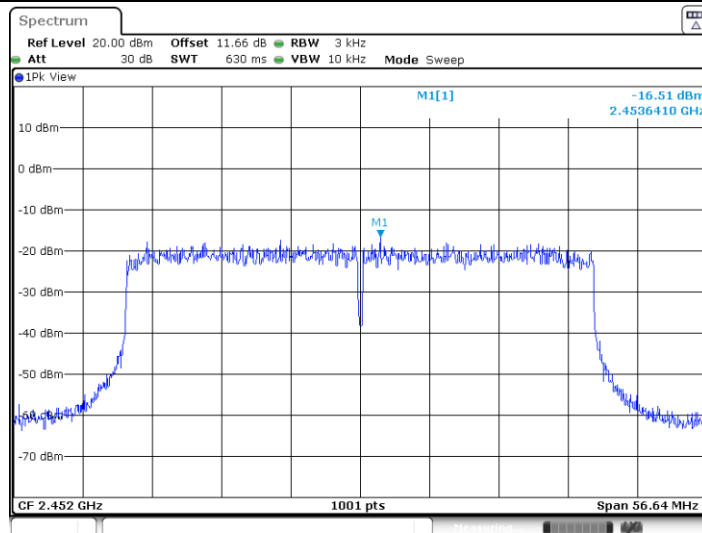


11AX40MIMO_Ant0_2452



Date: 22.FEB.2024 22:13:13

11AX40MIMO_Ant1_2452



Date: 22.FEB.2024 22:14:51



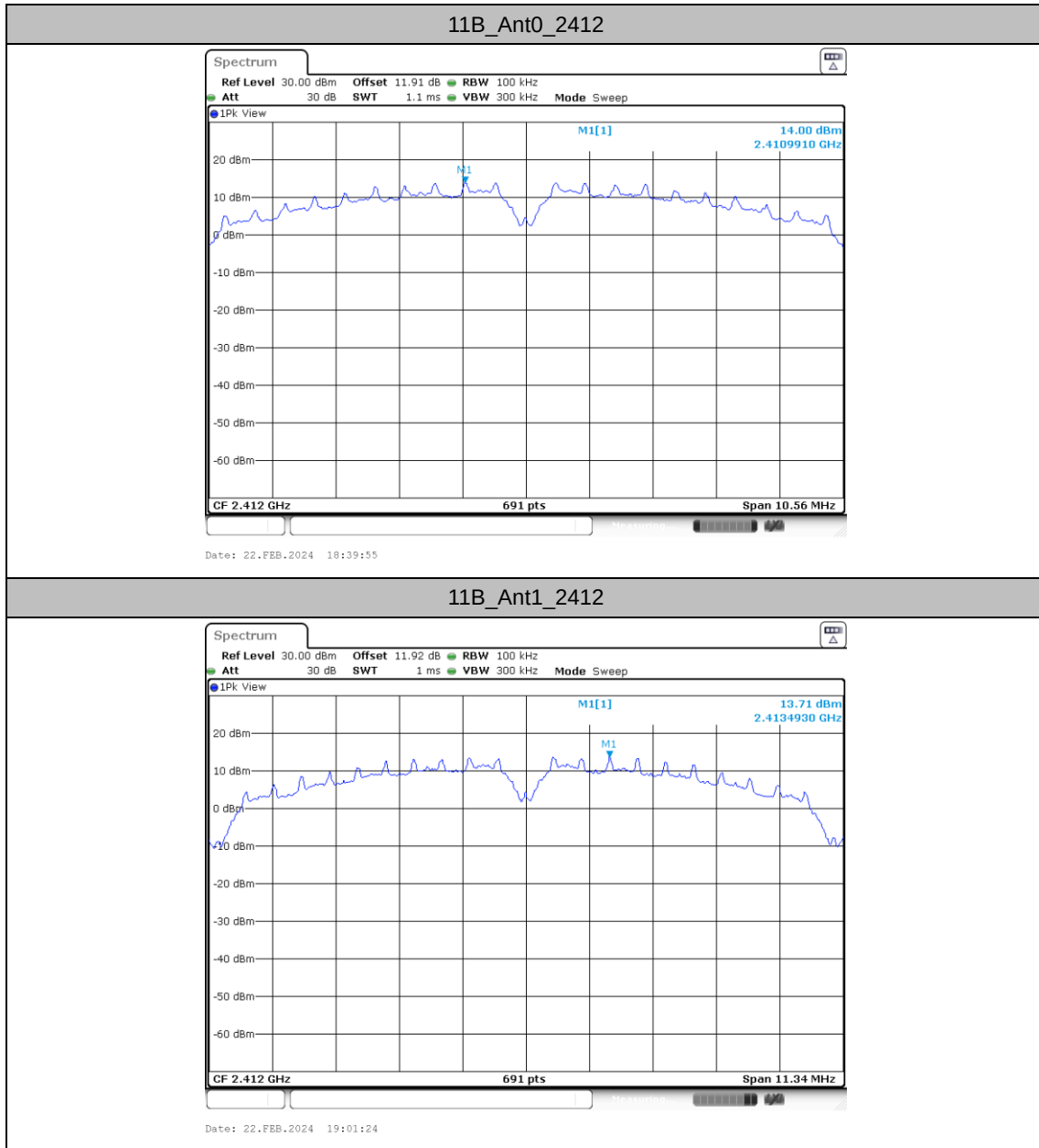
Reference level measurement (100K PSD)

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm/100KHz]
11B	Ant0	2412	2410.99	14.00
	Ant1	2412	2413.49	13.71
	Ant0	2437	2436.49	14.30
	Ant1	2437	2436.49	13.99
	Ant0	2462	2462.48	13.98
	Ant1	2462	2462.49	14.14
11G	Ant0	2412	2406.97	10.36
	Ant1	2412	2410.73	9.78
	Ant0	2437	2439.48	9.79
	Ant1	2437	2432.01	8.81
	Ant0	2462	2466.96	9.76
	Ant1	2462	2464.48	10.25
11N20MIMO	Ant0	2412	2416.97	-0.66
	Ant1	2412	2416.98	-0.95
	Ant0	2437	2439.51	0.84
	Ant1	2437	2441.97	1.04
	Ant0	2462	2456.99	-1.90
	Ant1	2462	2466.97	-0.57
11N40MIMO	Ant0	2422	2419.55	-4.07
	Ant1	2422	2416.99	-4.38
	Ant0	2437	2434.52	-2.41
	Ant1	2437	2432.01	-2.68
	Ant0	2452	2449.50	-0.76
	Ant1	2452	2447.02	-1.02
11AX20MIMO	Ant0	2412	2406.98	-1.07
	Ant1	2412	2417.01	-1.54
	Ant0	2437	2441.98	1.65
	Ant1	2437	2441.99	1.10
	Ant0	2462	2467.01	-1.54
	Ant1	2462	2456.99	-1.49
11AX40MIMO	Ant0	2422	2419.48	-4.01
	Ant1	2422	2417.02	-4.39
	Ant0	2437	2434.52	-2.96
	Ant1	2437	2432.05	-2.71
	Ant0	2452	2449.55	-0.66
	Ant1	2452	2447.00	-1.44

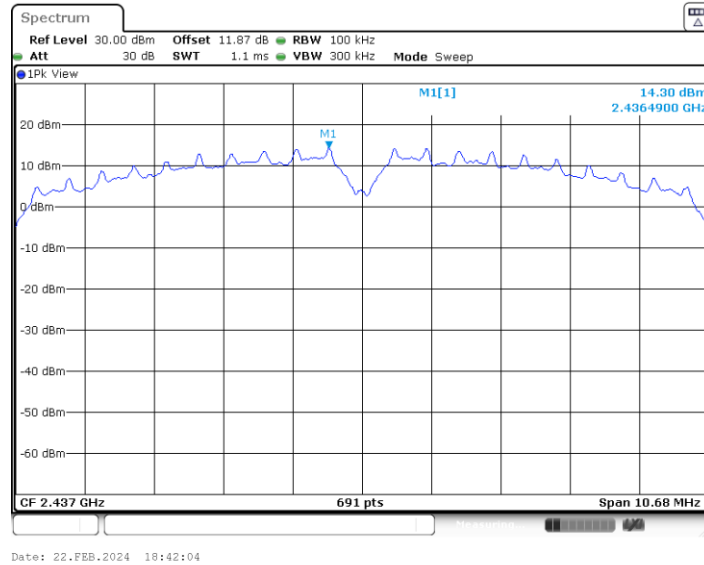


Test Graphs

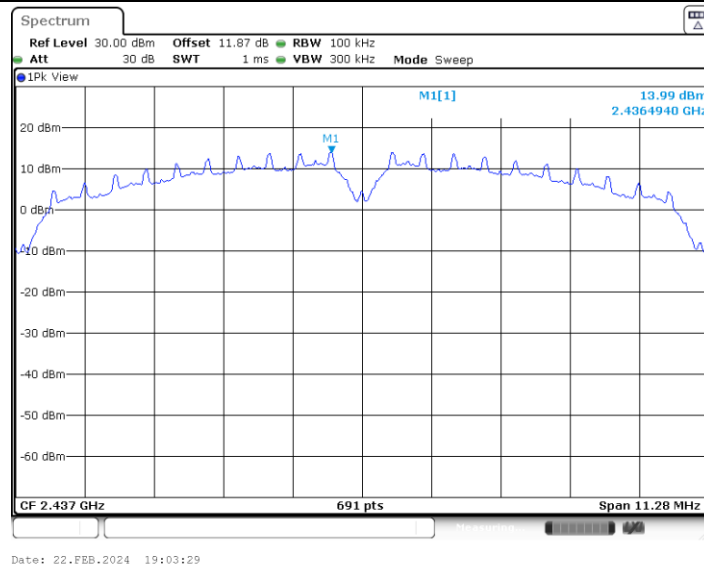




11B_Ant0_2437

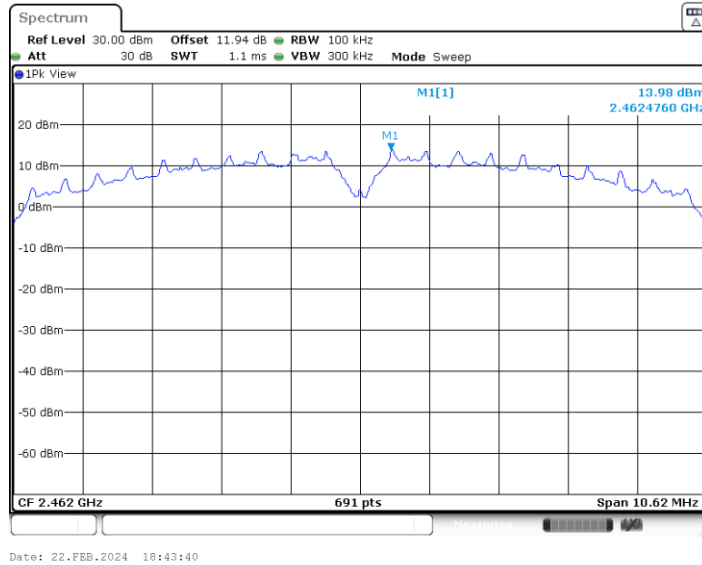


11B_Ant1_2437

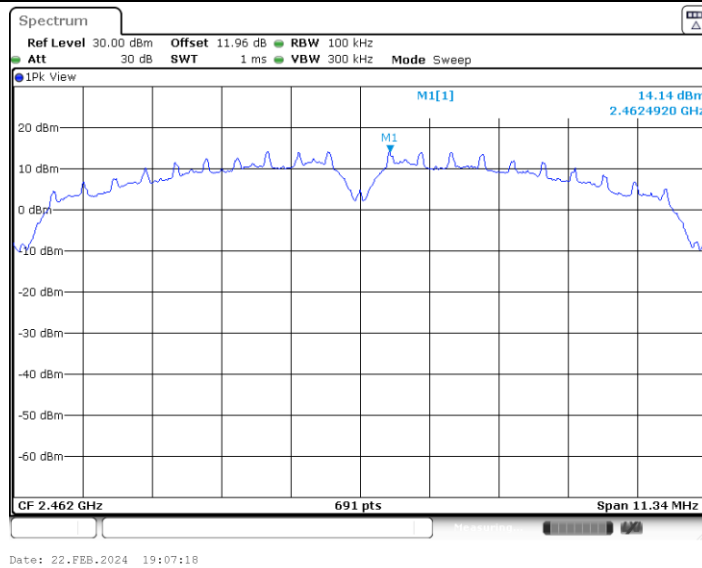




11B_Ant0_2462

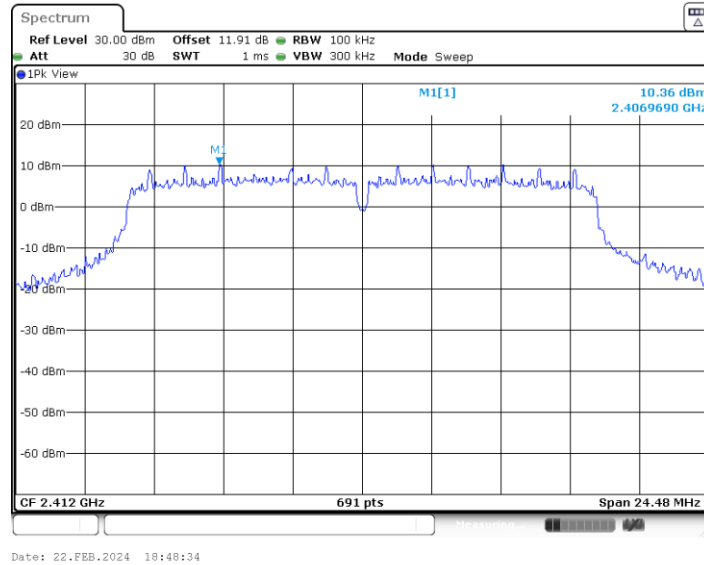


11B_Ant1_2462

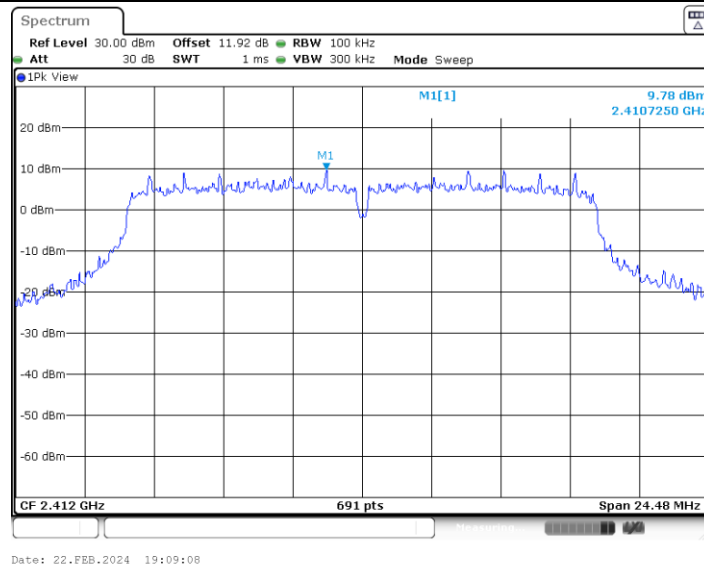




11G_Ant0_2412

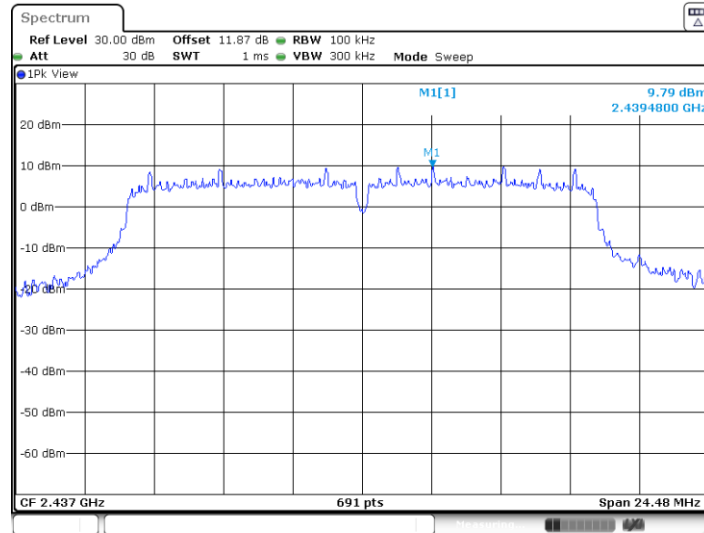


11G_Ant1_2412



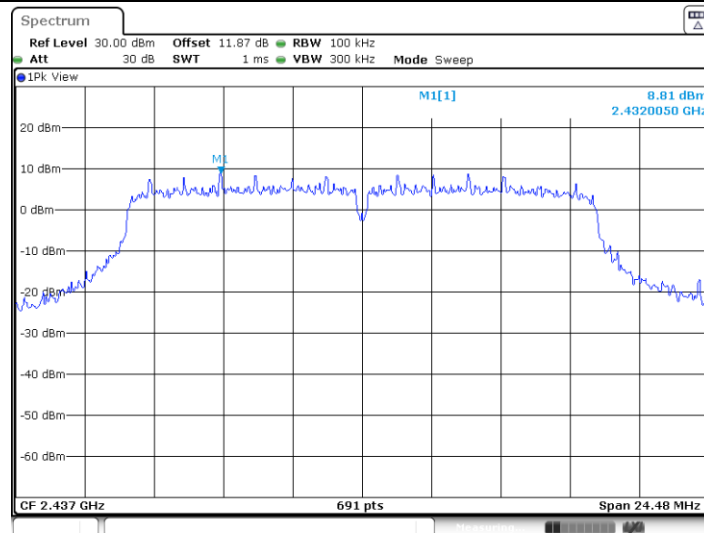


11G_Ant0_2437



Date: 22.FEB.2024 18:51:30

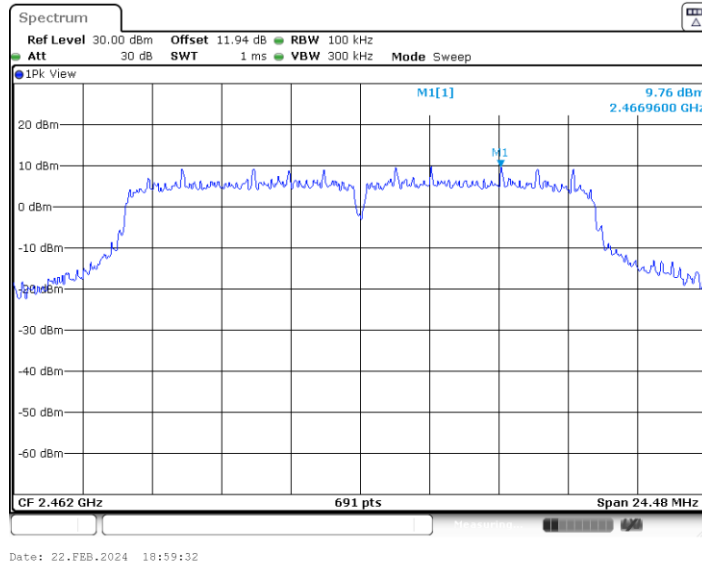
11G_Ant1_2437



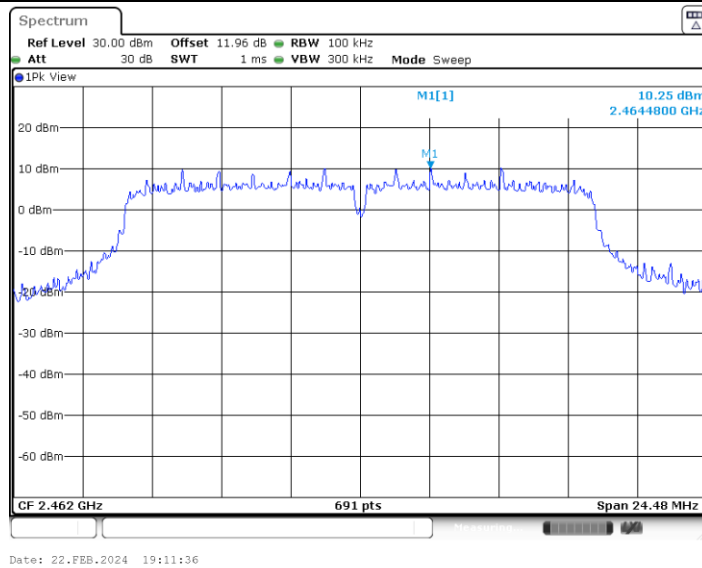
Date: 22.FEB.2024 19:10:27



11G_Ant0_2462

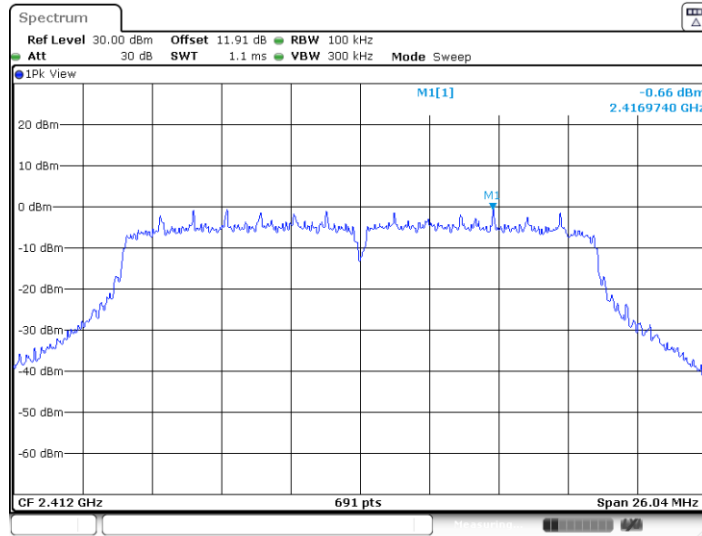


11G_Ant1_2462

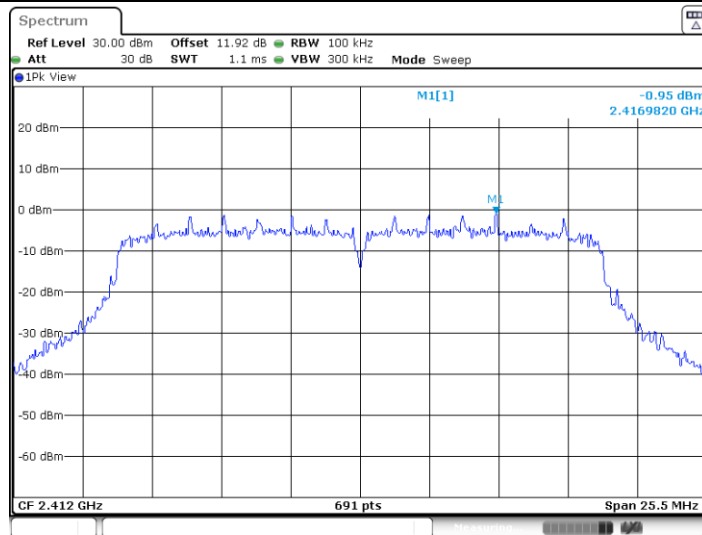




11N20MIMO_Ant0_2412

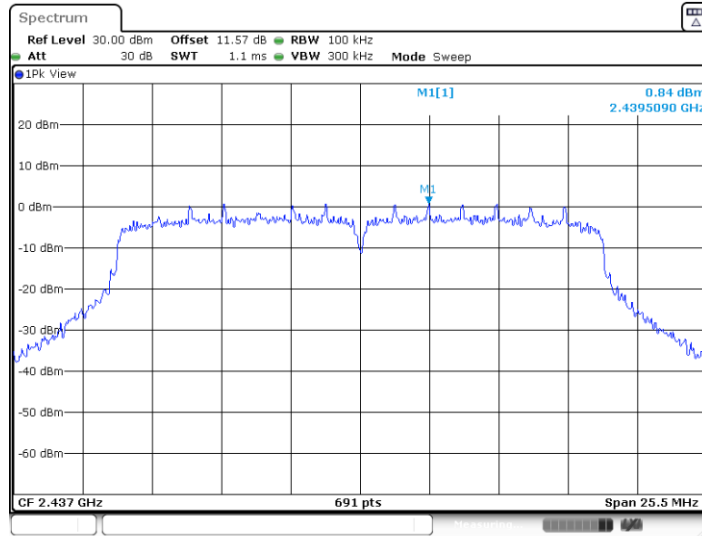


11N20MIMO_Ant1_2412



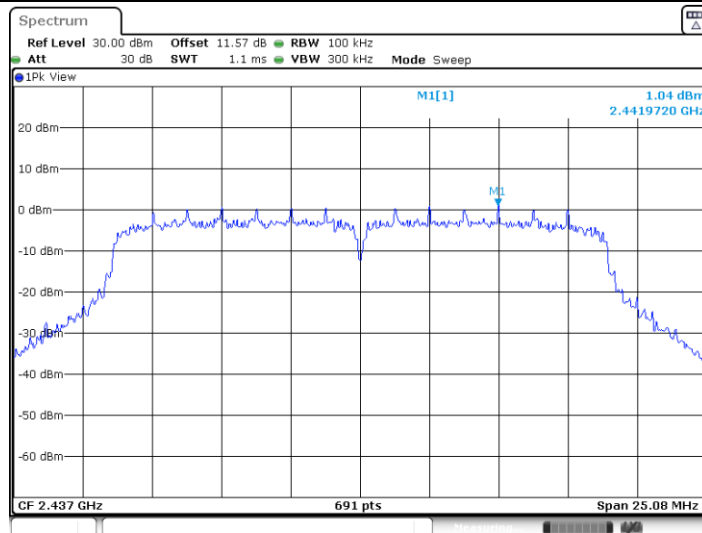


11N20MIMO_Ant0_2437



Date: 24.FEB.2024 03:45:04

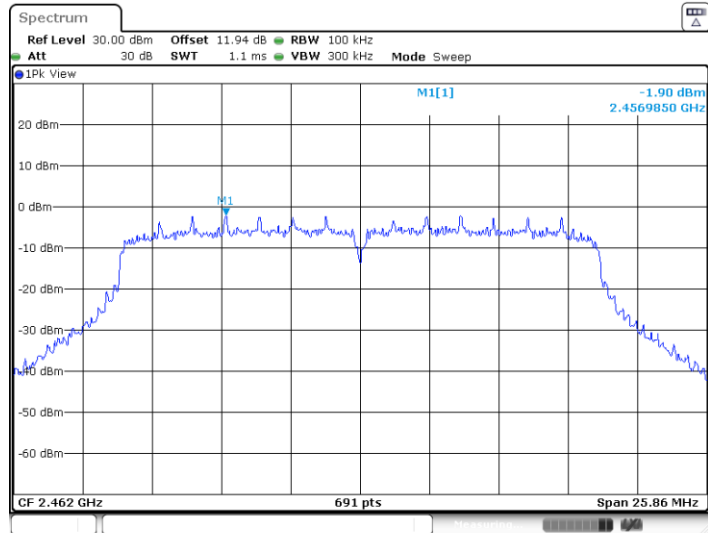
11N20MIMO_Ant1_2437



Date: 24.FEB.2024 03:46:30

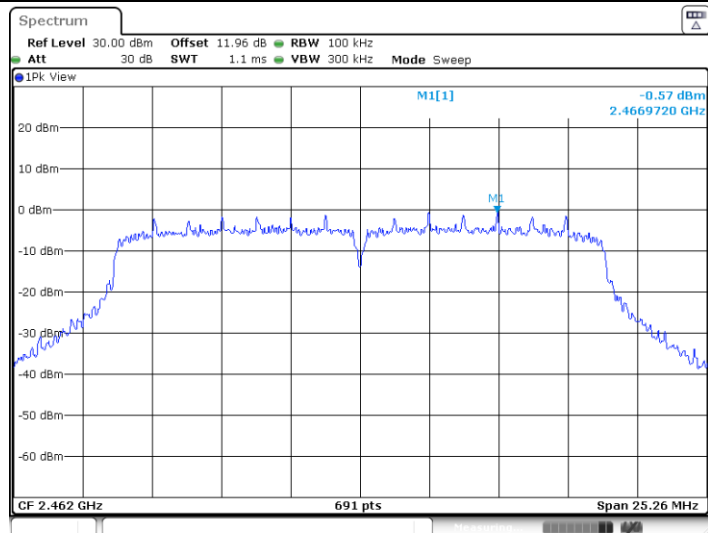


11N20MIMO_Ant0_2462



Date: 22.FEB.2024 19:25:39

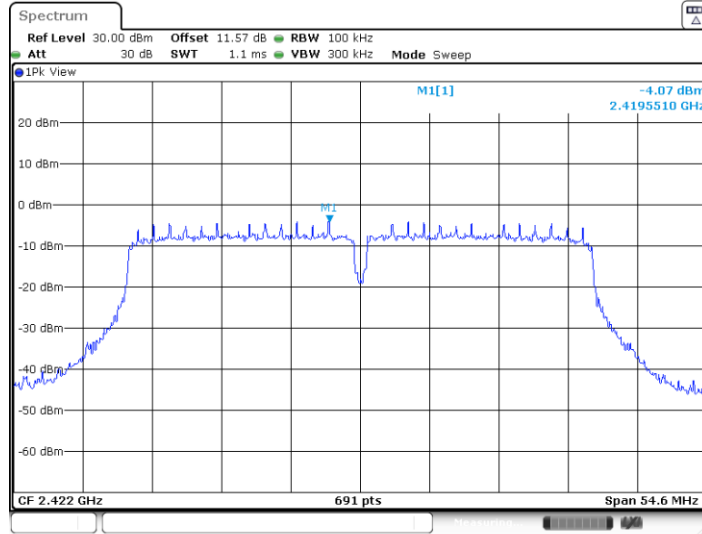
11N20MIMO_Ant1_2462



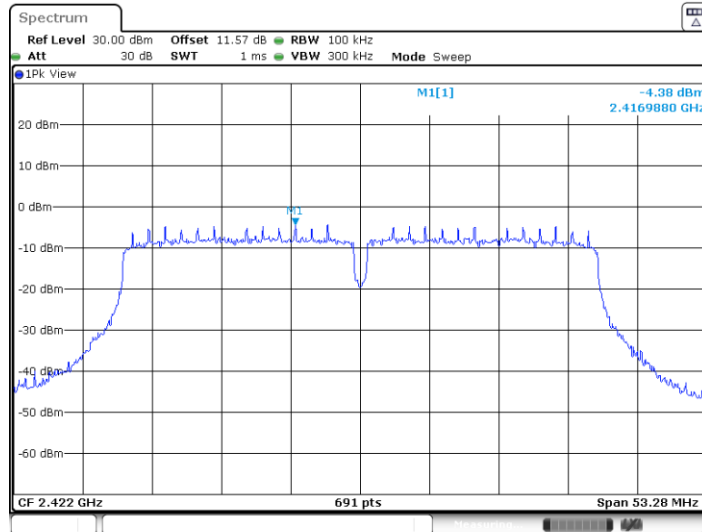
Date: 22.FEB.2024 19:27:04



11N40MIMO_Ant0_2422

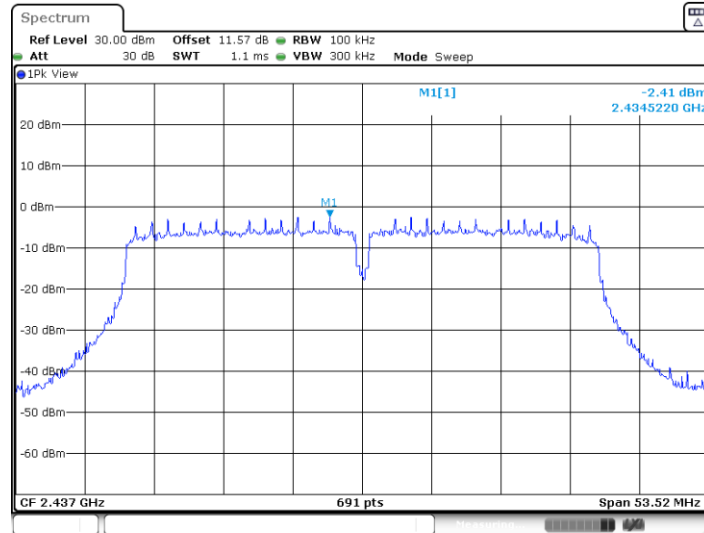


11N40MIMO_Ant1_2422



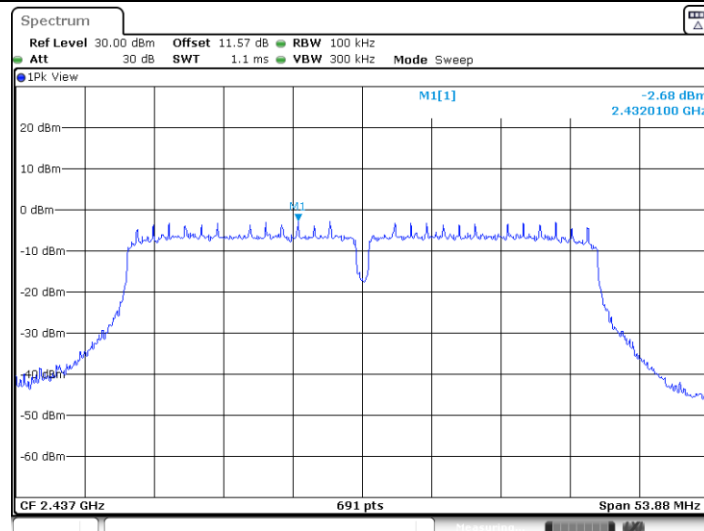


11N40MIMO_Ant0_2437



Date: 24.FEB.2024 03:49:06

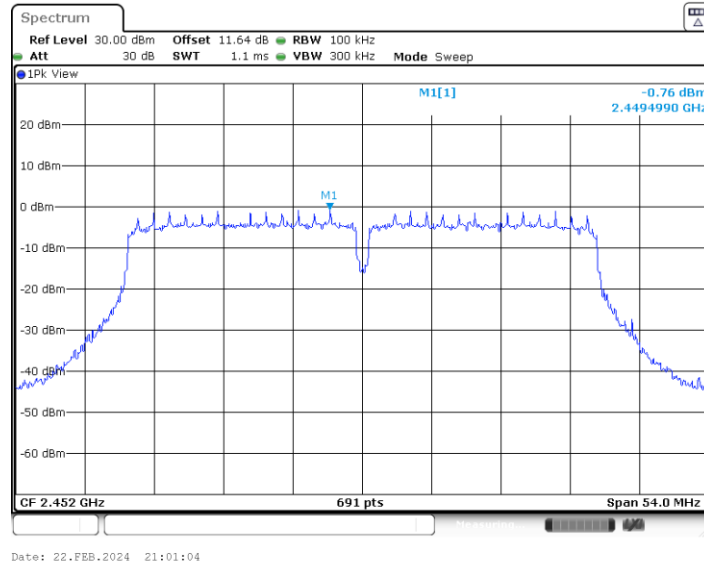
11N40MIMO_Ant1_2437



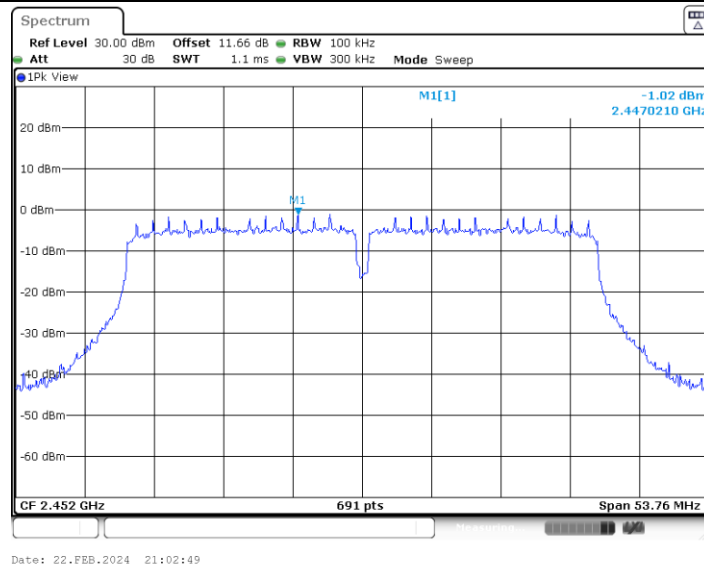
Date: 24.FEB.2024 03:50:29



11N40MIMO_Ant0_2452

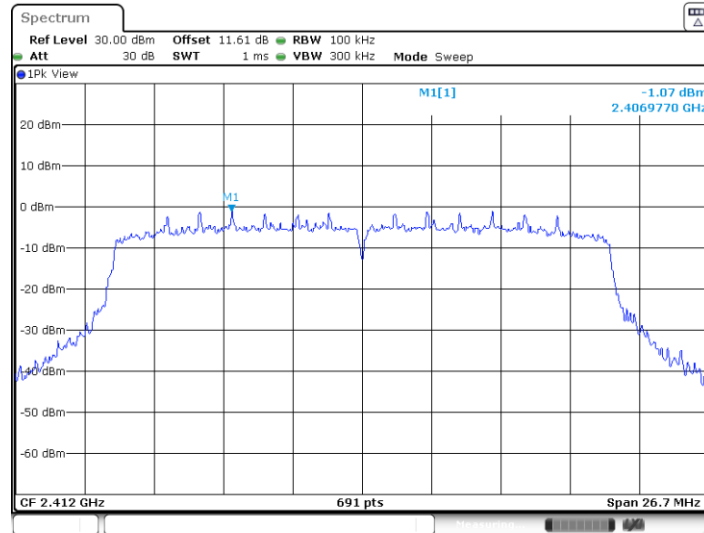


11N40MIMO_Ant1_2452



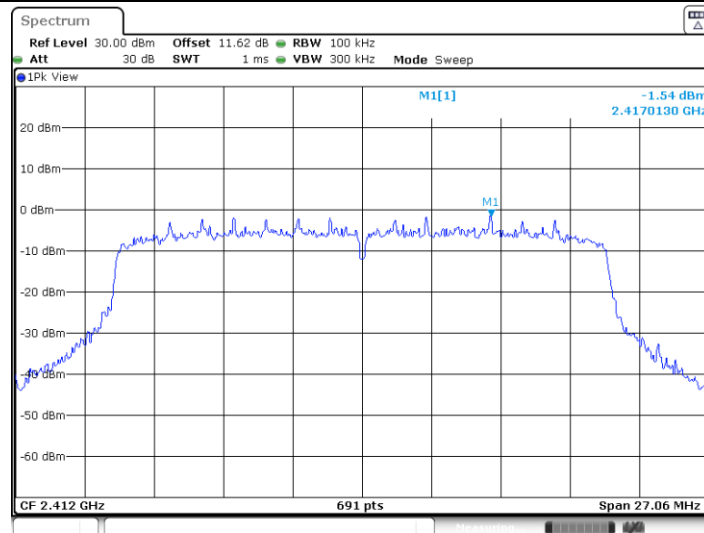


11AX20MIMO_Ant0_2412



Date: 22.FEB.2024 21:39:15

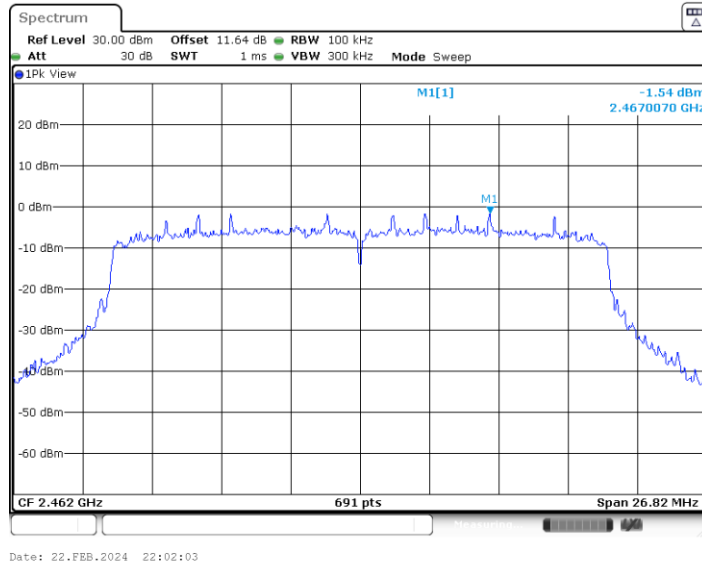
11AX20MIMO_Ant1_2412



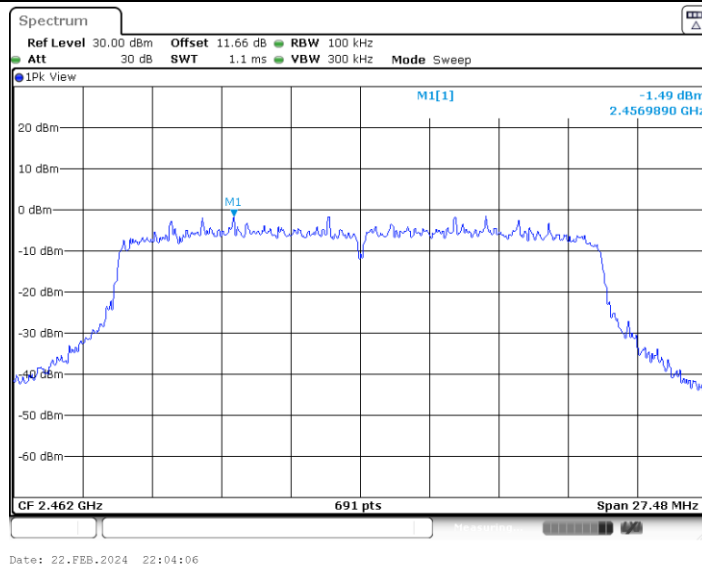
Date: 22.FEB.2024 21:41:27



11AX20MIMO_Ant0_2462

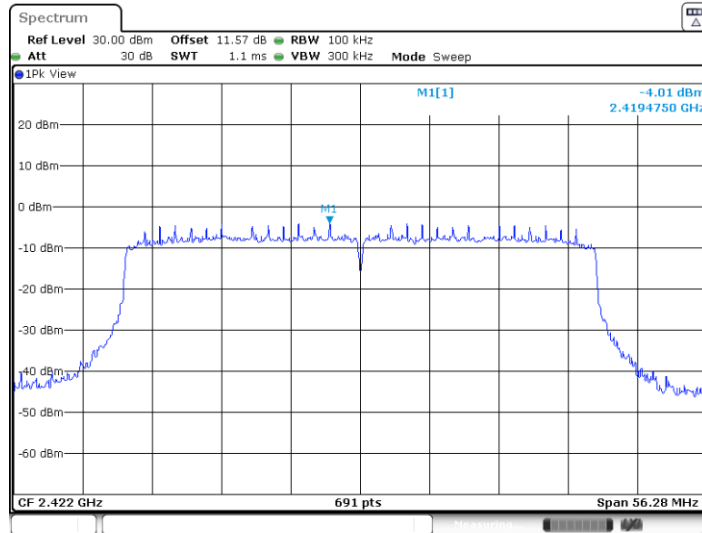


11AX20MIMO_Ant1_2462



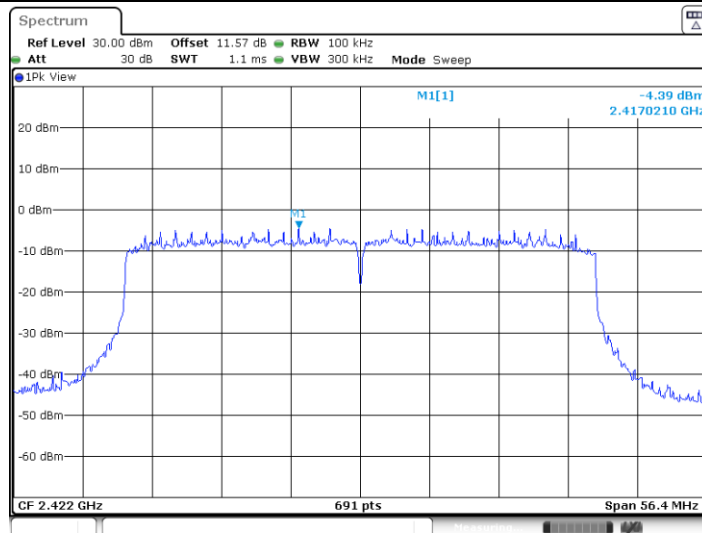


11AX40MIMO_Ant0_2422



Date: 22.FEB.2024 22:06:39

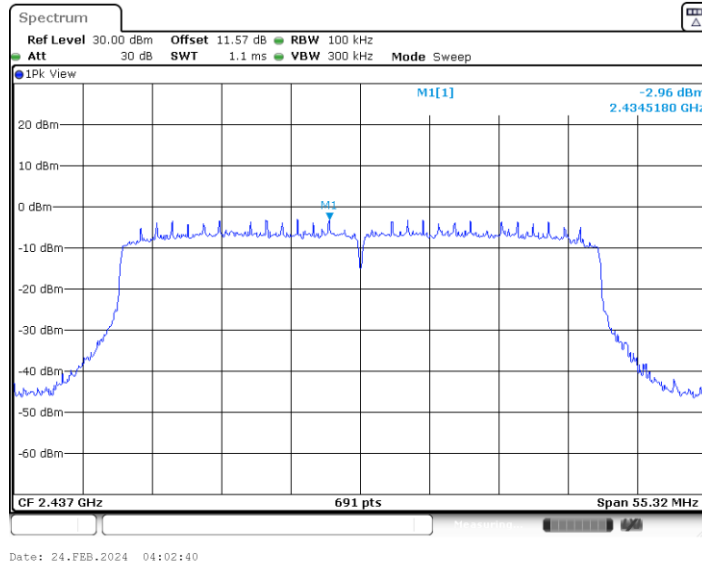
11AX40MIMO_Ant1_2422



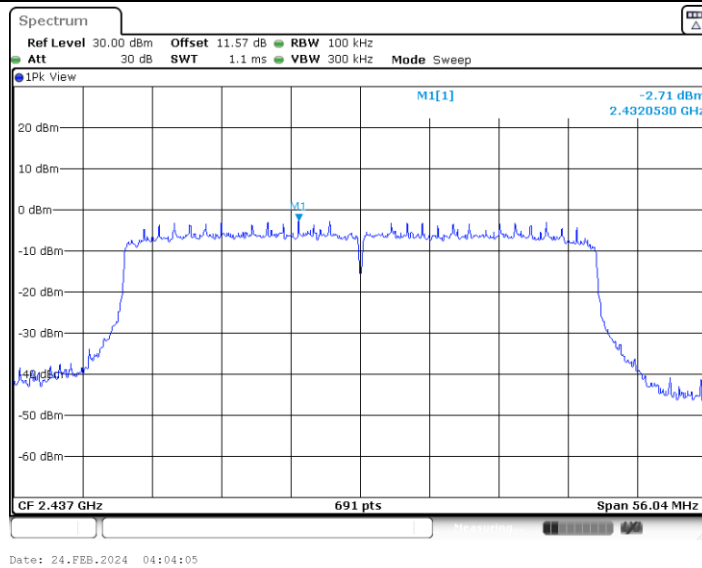
Date: 22.FEB.2024 22:06:36



11AX40MIMO_Ant0_2437

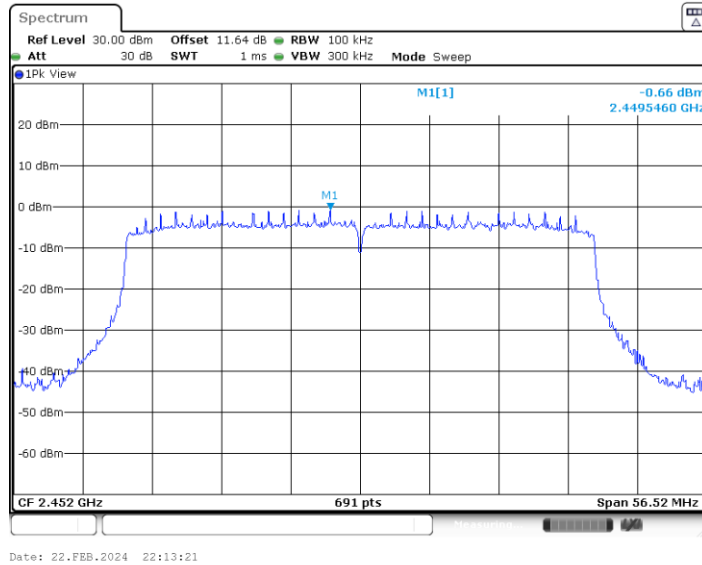


11AX40MIMO_Ant1_2437

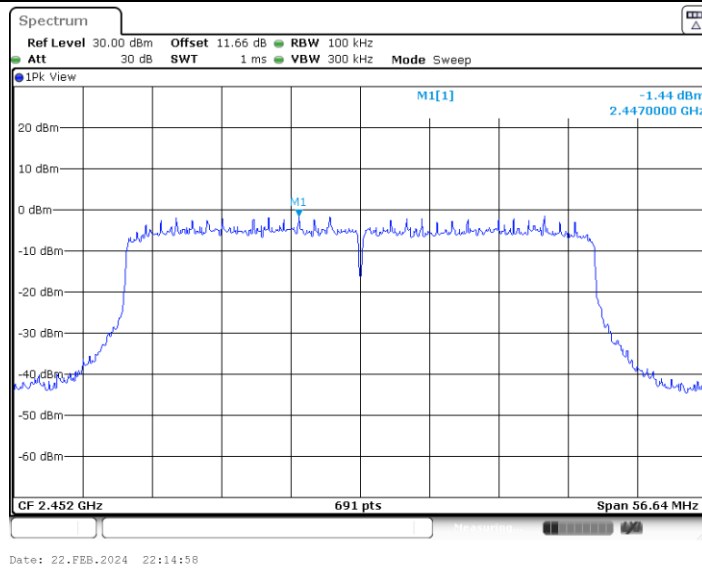




11AX40MIMO_Ant0_2452



11AX40MIMO_Ant1_2452





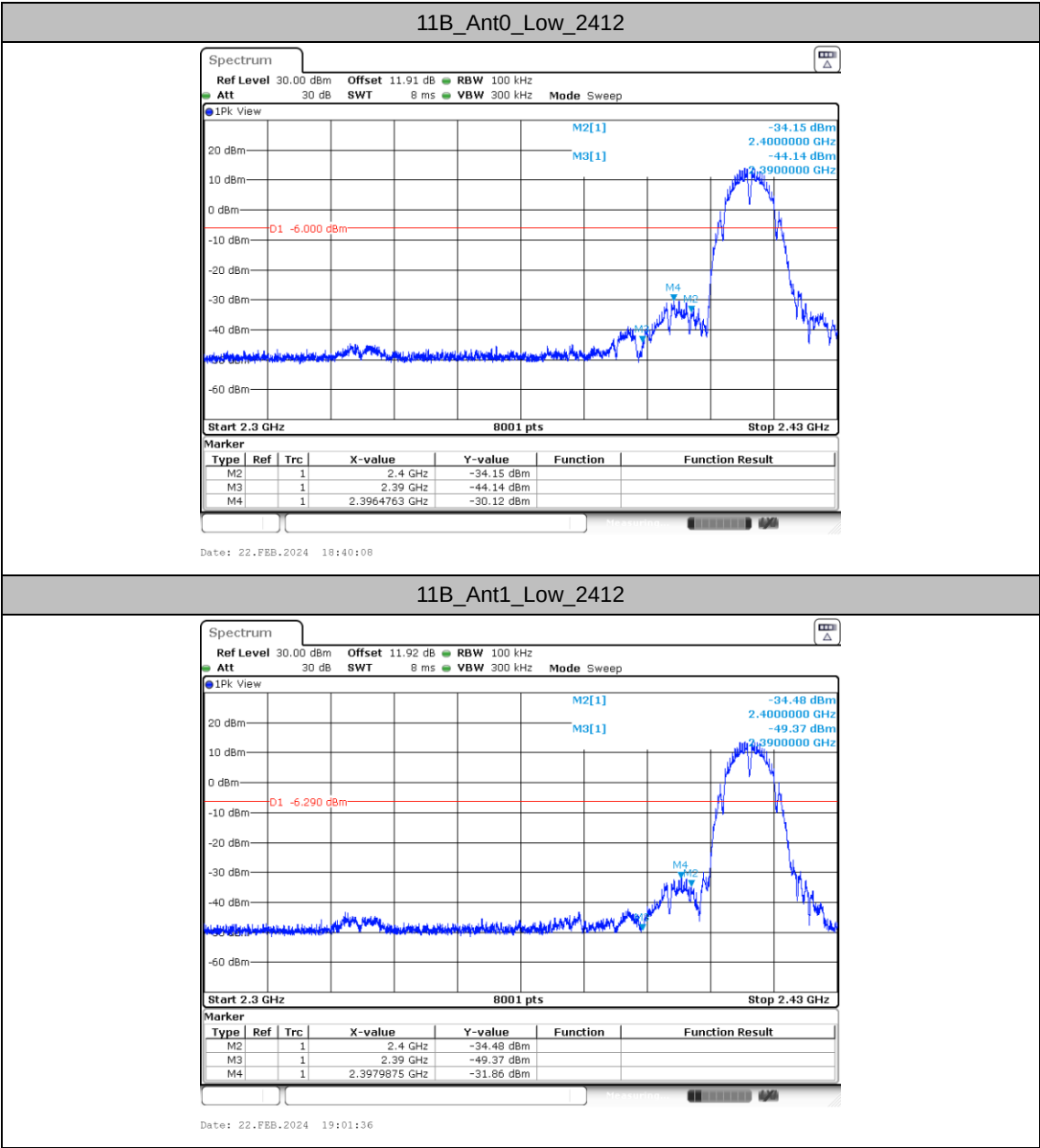
Band edge measurements

Test Result

TestMode	Ant	ChName	Freq (MHz)	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
11B	Ant0	Low	2412	14.00	-30.12	≤ -6	PASS
	Ant1	Low	2412	13.71	-31.86	≤ -6.29	PASS
	Ant0	High	2462	13.98	-41.51	≤ -6.02	PASS
	Ant1	High	2462	14.14	-43.22	≤ -5.86	PASS
11G	Ant0	Low	2412	10.36	-16.9	≤ -9.64	PASS
	Ant1	Low	2412	9.78	-16.89	≤ -10.22	PASS
	Ant0	High	2462	9.76	-28.18	≤ -10.24	PASS
	Ant1	High	2462	10.25	-28.09	≤ -9.75	PASS
11N20 MIMO	Ant0	Low	2412	-0.66	-35.02	≤ -20.66	PASS
	Ant1	Low	2412	-0.95	-35.13	≤ -20.95	PASS
	Ant0	High	2462	-1.90	-44.48	≤ -21.9	PASS
	Ant1	High	2462	-0.57	-43.74	≤ -20.57	PASS
11N40 MIMO	Ant0	Low	2422	-4.07	-38.33	≤ -24.07	PASS
	Ant1	Low	2422	-4.38	-37.72	≤ -24.38	PASS
	Ant0	High	2452	-0.76	-40.95	≤ -20.76	PASS
	Ant1	High	2452	-1.02	-41.98	≤ -21.02	PASS
11AX20 MIMO	Ant0	Low	2412	-1.07	-36.02	≤ -21.07	PASS
	Ant1	Low	2412	-1.54	-36.85	≤ -21.54	PASS
	Ant0	High	2462	-1.54	-44.7	≤ -21.54	PASS
	Ant1	High	2462	-1.49	-44.1	≤ -21.49	PASS
11AX40 MIMO	Ant0	Low	2422	-4.01	-37.62	≤ -24.01	PASS
	Ant1	Low	2422	-4.39	-39.44	≤ -24.39	PASS
	Ant0	High	2452	-0.66	-41.14	≤ -20.66	PASS
	Ant1	High	2452	-1.44	-42.74	≤ -21.44	PASS

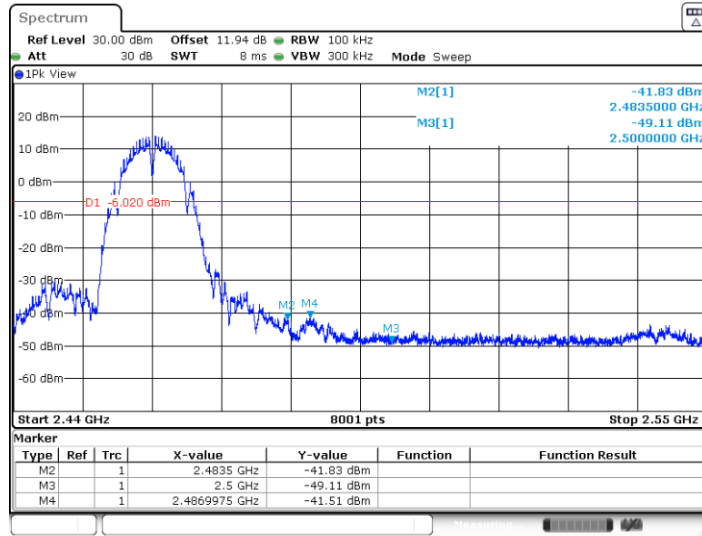


Test Graphs



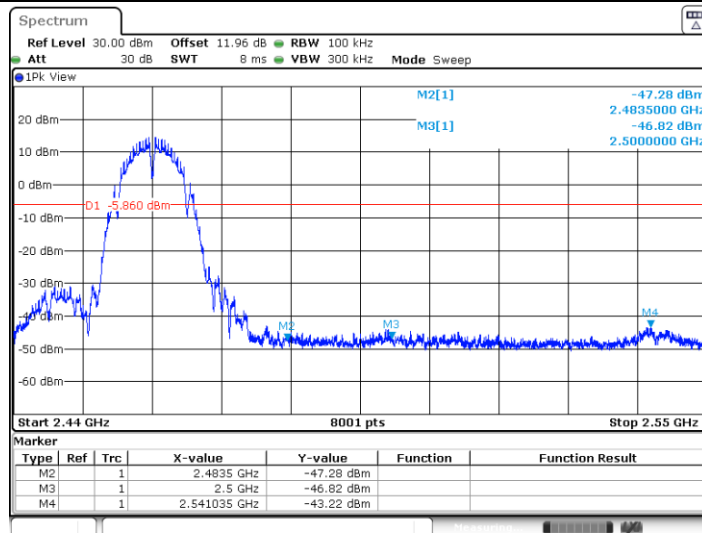


11B_Ant0_High_2462



Date: 22.FEB.2024 18:43:53

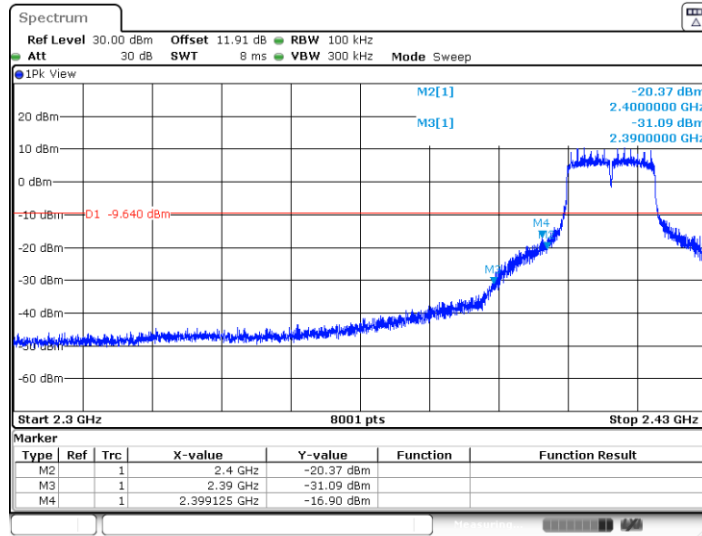
11B_Ant1_High_2462



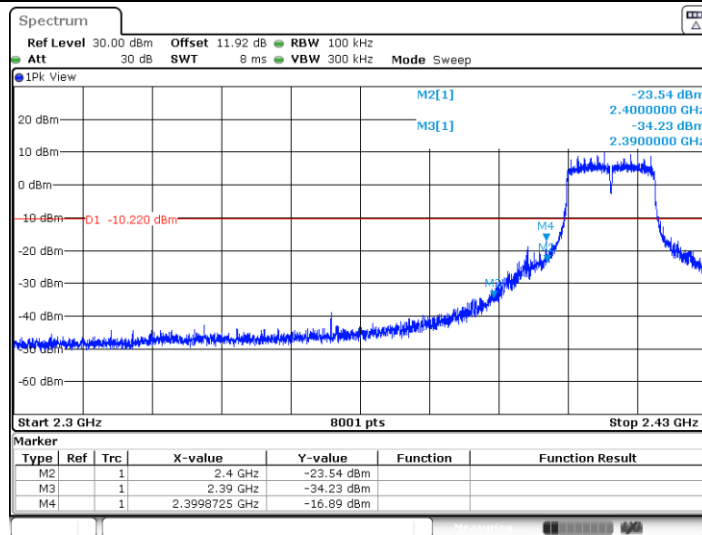
Date: 22.FEB.2024 19:07:30



11G_Ant0_Low_2412

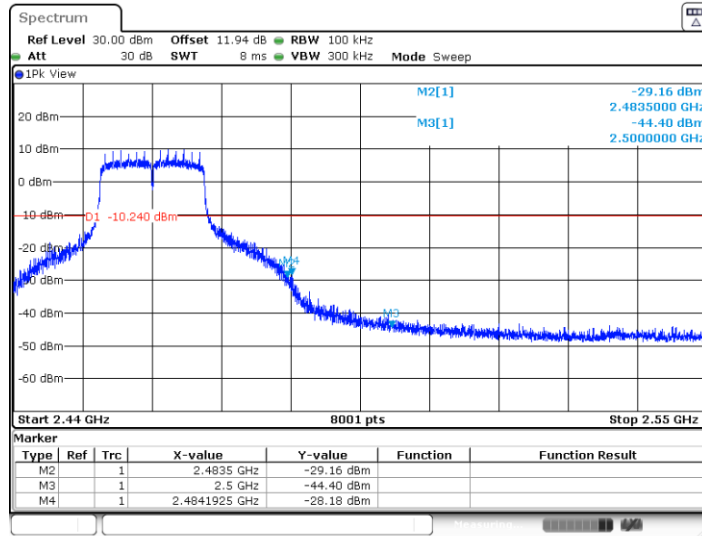


11G_Ant1_Low_2412



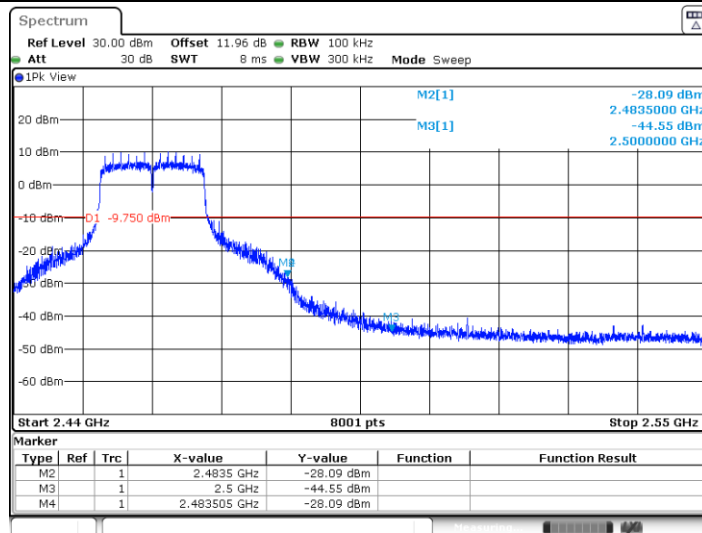


11G_Ant0_High_2462



Date: 22.FEB.2024 18:59:45

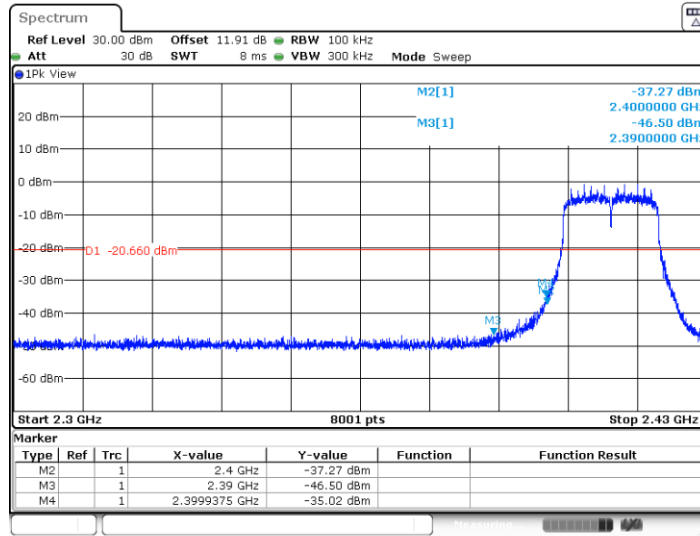
11G_Ant1_High_2462



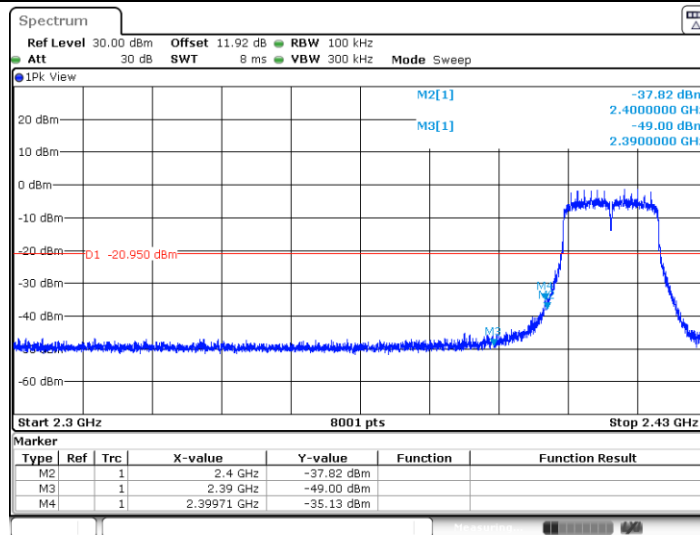
Date: 22.FEB.2024 19:11:49



11N20MIMO_Ant0_Low_2412

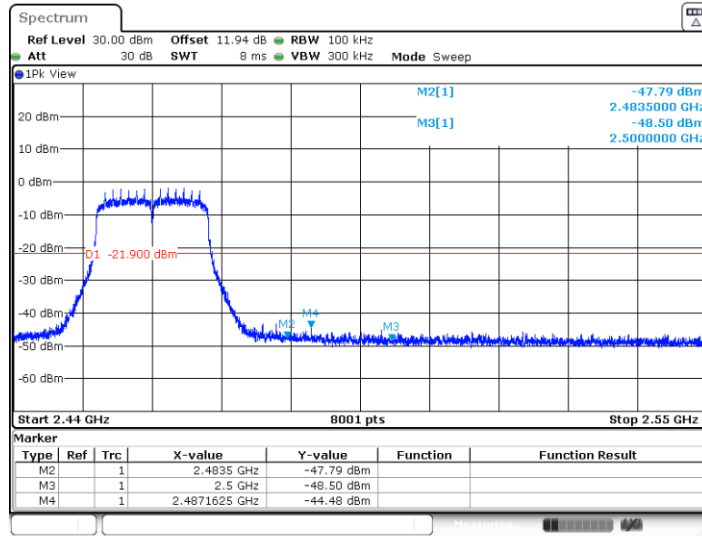


11N20MIMO_Ant1_Low_2412



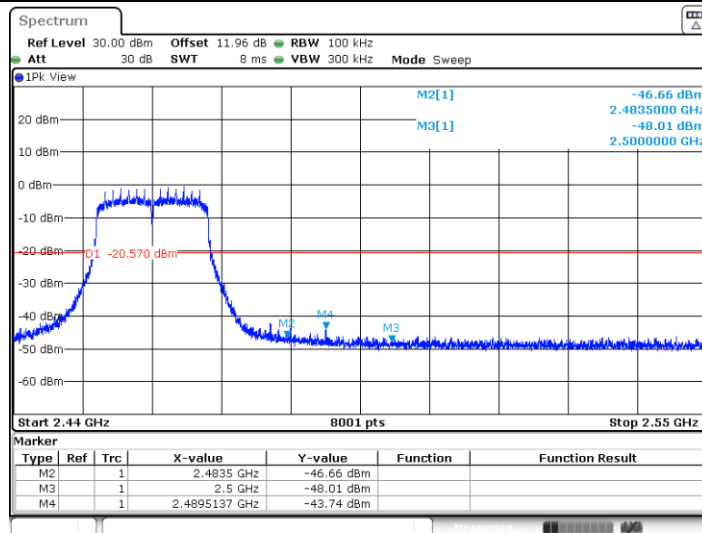


11N20MIMO_Ant0_High_2462



Date: 22.FEB.2024 19:25:52

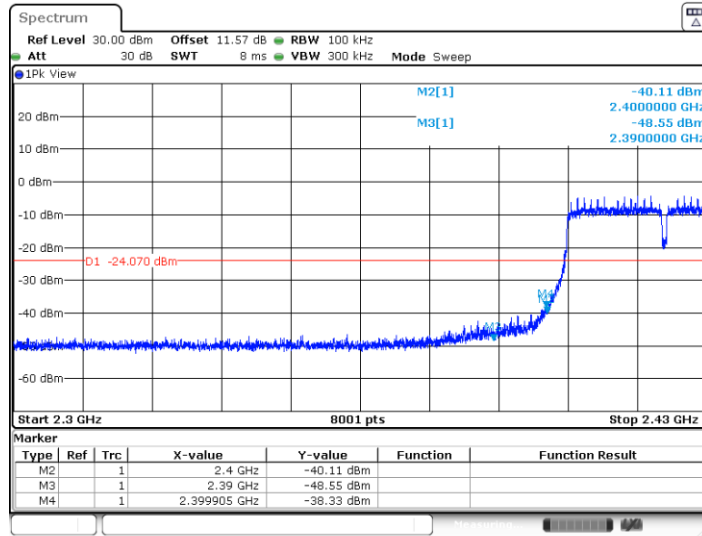
11N20MIMO_Ant1_High_2462



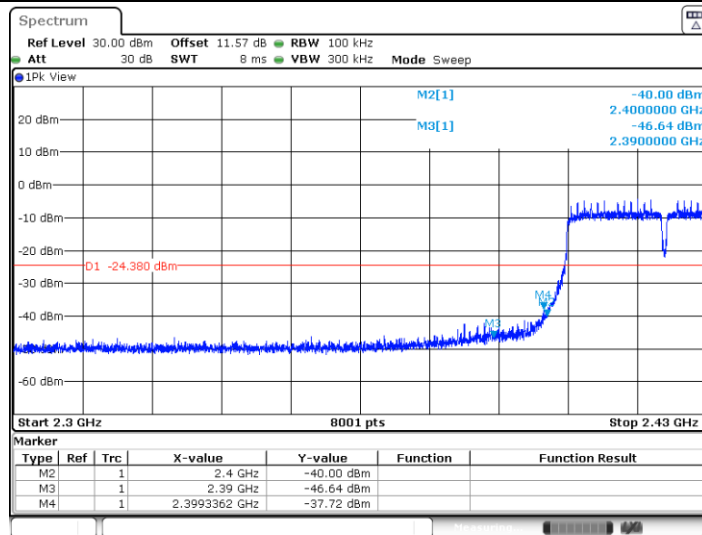
Date: 22.FEB.2024 19:27:16



11N40MIMO_Ant0_Low_2422

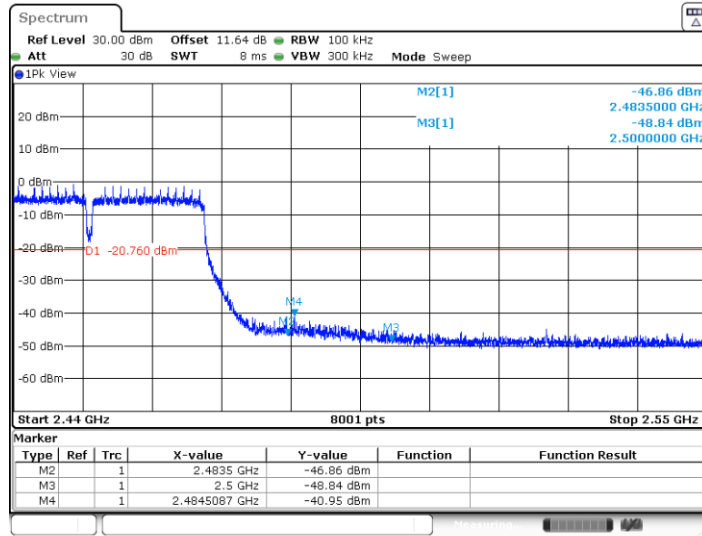


11N40MIMO_Ant1_Low_2422



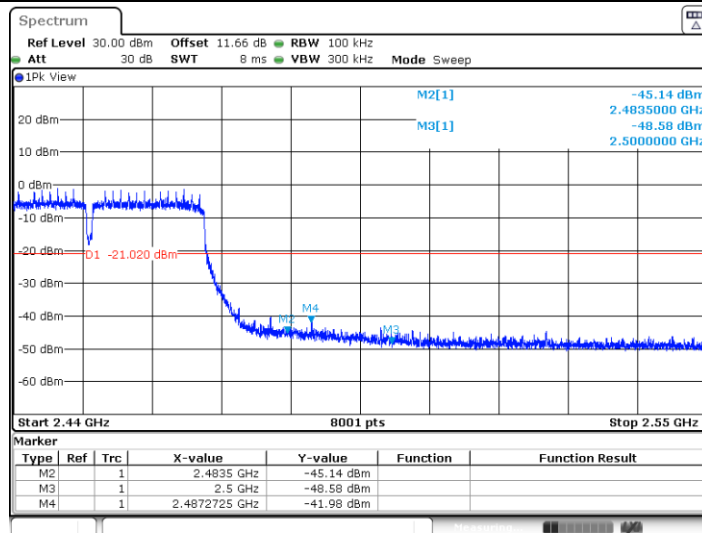


11N40MIMO_Ant0_High_2452



Date: 22.FEB.2024 21:01:17

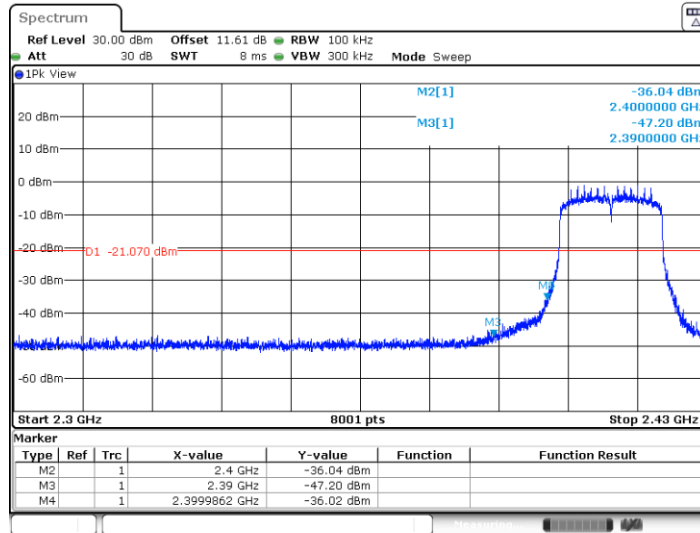
11N40MIMO_Ant1_High_2452



Date: 22.FEB.2024 21:03:01

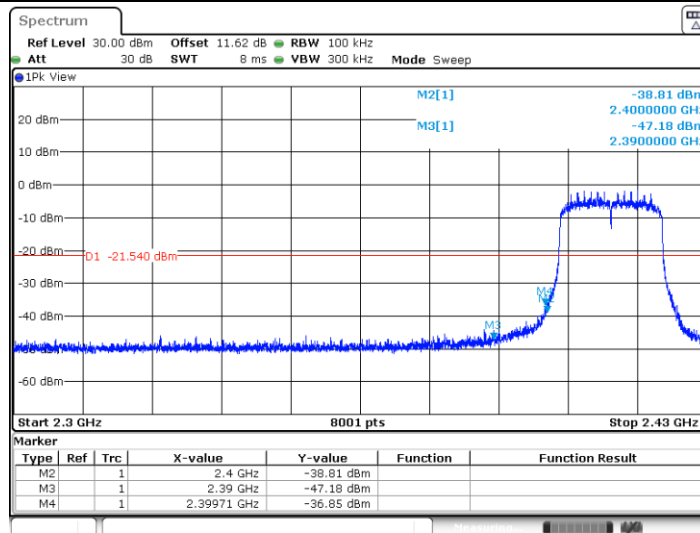


11AX20MIMO_Ant0_Low_2412



Date: 22.FEB.2024 21:39:28

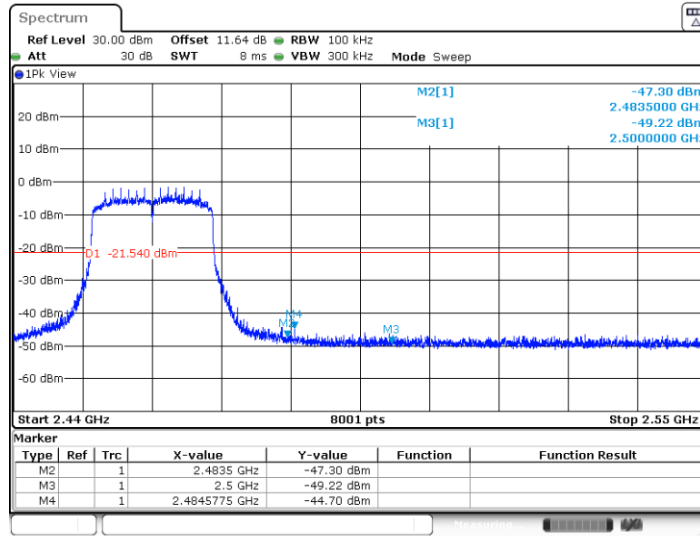
11AX20MIMO_Ant1_Low_2412



Date: 22.FEB.2024 21:41:39

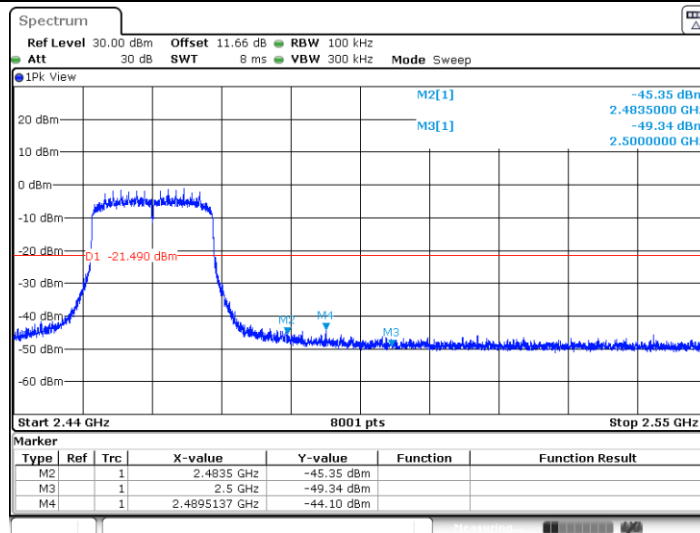


11AX20MIMO_Ant0_High_2462



Date: 22.FEB.2024 22:02:16

11AX20MIMO_Ant1_High_2462



Date: 22.FEB.2024 22:04:18



Spectrum

Ref Level 30.00 dBm Offset 11.57 dB RBW 100 kHz
 Att 30 dB SWT 8 ms VBW 300 kHz Mode Sweep

1Pk View

M2[1] -39.16 dBm 2.400000 GHz
 M3[1] -46.26 dBm 2.390000 GHz

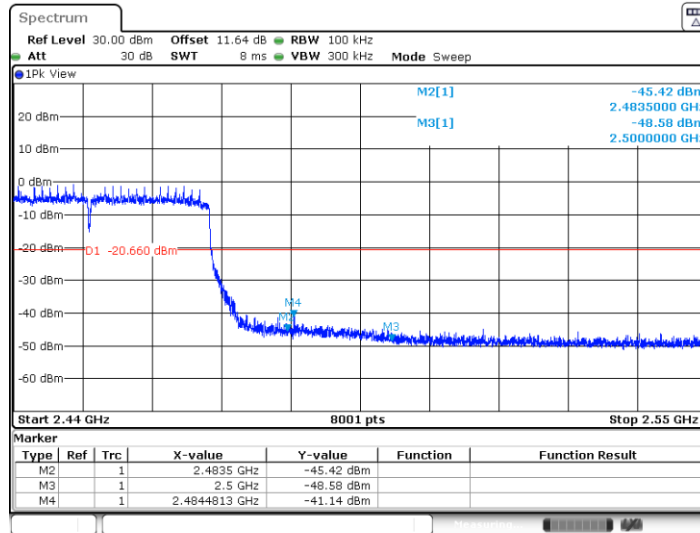
O1 -24.390 dBm

Start 2.3 GHz 8001 pts Stop 2.43 GHz

Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M2			1	2.4 GHz	-39.16 dBm		
M3			1	2.39 GHz	-46.26 dBm		
M4			1	2.3999862 GHz	-39.44 dBm		

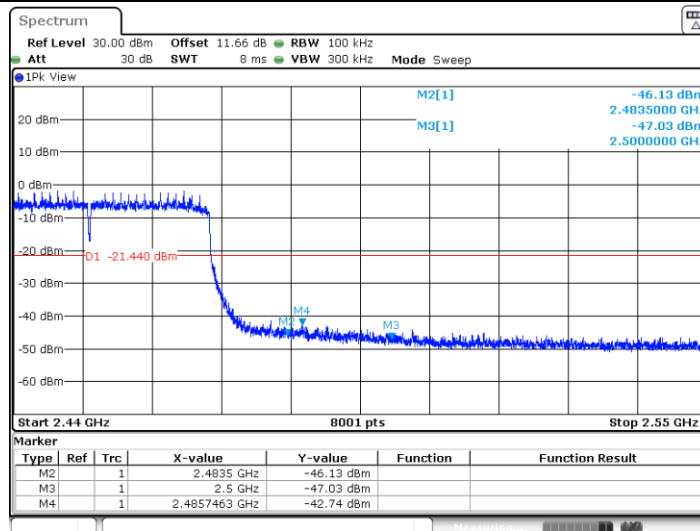


11AX40MIMO_Ant0_High_2452



Date: 22.FEB.2024 22:13:34

11AX40MIMO_Ant1_High_2452



Date: 22.FEB.2024 22:15:11



Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
11B	Ant0	2412	30~1000	14.00	-55.89	≤-6	PASS
			1000~26500	14.00	-41.94	≤-6	PASS
	Ant1	2412	30~1000	13.71	-50.36	≤-6.29	PASS
			1000~26500	13.71	-42.73	≤-6.29	PASS
	Ant0	2437	30~1000	14.30	-56.3	≤-5.7	PASS
			1000~26500	14.30	-42.31	≤-5.7	PASS
	Ant1	2437	30~1000	13.99	-50.45	≤-6.01	PASS
			1000~26500	13.99	-43.82	≤-6.01	PASS
	Ant0	2462	30~1000	13.98	-56.88	≤-6.02	PASS
			1000~26500	13.98	-43.14	≤-6.02	PASS
	Ant1	2462	30~1000	14.14	-51.53	≤-5.86	PASS
			1000~26500	14.14	-42.49	≤-5.86	PASS
11G	Ant0	2412	30~1000	10.36	-56.52	≤-9.64	PASS
			1000~26500	10.36	-48.12	≤-9.64	PASS
	Ant1	2412	30~1000	9.78	-52.48	≤-10.22	PASS
			1000~26500	9.78	-47.53	≤-10.22	PASS
	Ant0	2437	30~1000	9.79	-55.4	≤-10.21	PASS
			1000~26500	9.79	-47.05	≤-10.21	PASS
	Ant1	2437	30~1000	8.81	-53.47	≤-11.19	PASS
			1000~26500	8.81	-47.38	≤-11.19	PASS
	Ant0	2462	30~1000	9.76	-57.06	≤-10.24	PASS
			1000~26500	9.76	-47.79	≤-10.24	PASS
	Ant1	2462	30~1000	10.25	-51.77	≤-9.75	PASS
			1000~26500	10.25	-48.11	≤-9.75	PASS
11N20MIMO	Ant0	2412	30~1000	-0.66	-57.21	≤-20.66	PASS
			1000~26500	-0.66	-48.52	≤-20.66	PASS
	Ant1	2412	30~1000	-0.95	-56.42	≤-20.95	PASS
			1000~26500	-0.95	-47.81	≤-20.95	PASS
	Ant0	2437	30~1000	0.84	-57.09	≤-19.16	PASS
			1000~26500	0.84	-48.53	≤-19.16	PASS
	Ant1	2437	30~1000	1.04	-55.31	≤-18.96	PASS
			1000~26500	1.04	-48.36	≤-18.96	PASS
	Ant0	2462	30~1000	-1.90	-57.26	≤-21.9	PASS
			1000~26500	-1.90	-48.46	≤-21.9	PASS
	Ant1	2462	30~1000	-0.57	-56.09	≤-20.57	PASS
			1000~26500	-0.57	-48	≤-20.57	PASS
11N40MIMO	Ant0	2422	30~1000	-4.07	-56.94	≤-24.07	PASS
			1000~26500	-4.07	-48.61	≤-24.07	PASS
	Ant1	2422	30~1000	-4.38	-57.46	≤-24.38	PASS
			1000~26500	-4.38	-48.37	≤-24.38	PASS
	Ant0	2437	30~1000	-2.41	-56.79	≤-22.41	PASS
			1000~26500	-2.41	-48.41	≤-22.41	PASS
	Ant1	2437	30~1000	-2.68	-56.02	≤-22.68	PASS



	Ant0	2452	1000~26500	-2.68	-48.85	≤ -22.68	PASS
			30~1000	-0.76	-57.2	≤ -20.76	PASS
			1000~26500	-0.76	-48.86	≤ -20.76	PASS
	Ant1	2452	30~1000	-1.02	-55.6	≤ -21.02	PASS
			1000~26500	-1.02	-48.87	≤ -21.02	PASS
11AX20MIMO	Ant0	2412	30~1000	-1.07	-57.51	≤ -21.07	PASS
			1000~26500	-1.07	-48.89	≤ -21.07	PASS
	Ant1	2412	30~1000	-1.54	-56.53	≤ -21.54	PASS
			1000~26500	-1.54	-48.78	≤ -21.54	PASS
	Ant0	2437	30~1000	1.65	-57.93	≤ -18.35	PASS
			1000~26500	1.65	-48.6	≤ -18.35	PASS
	Ant1	2437	30~1000	1.10	-54.46	≤ -18.9	PASS
			1000~26500	1.10	-48.61	≤ -18.9	PASS
	Ant0	2462	30~1000	-1.54	-56.91	≤ -21.54	PASS
			1000~26500	-1.54	-47.49	≤ -21.54	PASS
	Ant1	2462	30~1000	-1.49	-56.37	≤ -21.49	PASS
			1000~26500	-1.49	-48.43	≤ -21.49	PASS
11AX40MIMO	Ant0	2422	30~1000	-4.01	-56.64	≤ -24.01	PASS
			1000~26500	-4.01	-49.02	≤ -24.01	PASS
	Ant1	2422	30~1000	-4.39	-55.89	≤ -24.39	PASS
			1000~26500	-4.39	-49.02	≤ -24.39	PASS
	Ant0	2437	30~1000	-2.96	-57.22	≤ -22.96	PASS
			1000~26500	-2.96	-48.47	≤ -22.96	PASS
	Ant1	2437	30~1000	-2.71	-55.07	≤ -22.71	PASS
			1000~26500	-2.71	-48.54	≤ -22.71	PASS
	Ant0	2452	30~1000	-0.66	-57.1	≤ -20.66	PASS
			1000~26500	-0.66	-47.77	≤ -20.66	PASS
	Ant1	2452	30~1000	-1.44	-57.01	≤ -21.44	PASS
			1000~26500	-1.44	-47.87	≤ -21.44	PASS



Test Graphs

