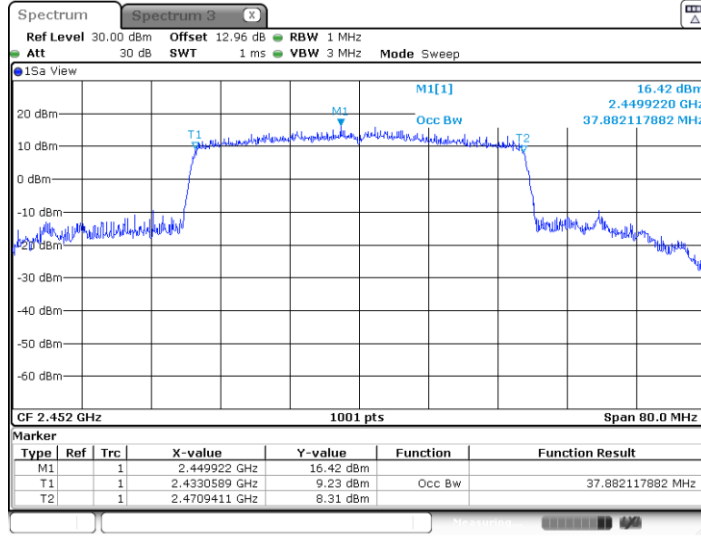


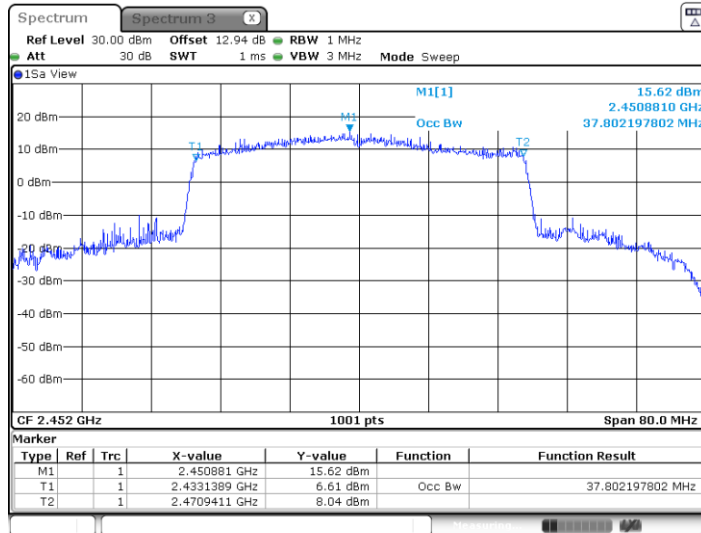


11AX40MIMO\_Ant3\_2452



Date: 13.MAR.2023 16:12:07

11AX40MIMO\_Ant8\_2452



Date: 13.MAR.2023 16:14:04



### Maximum power spectral density

#### Test Result

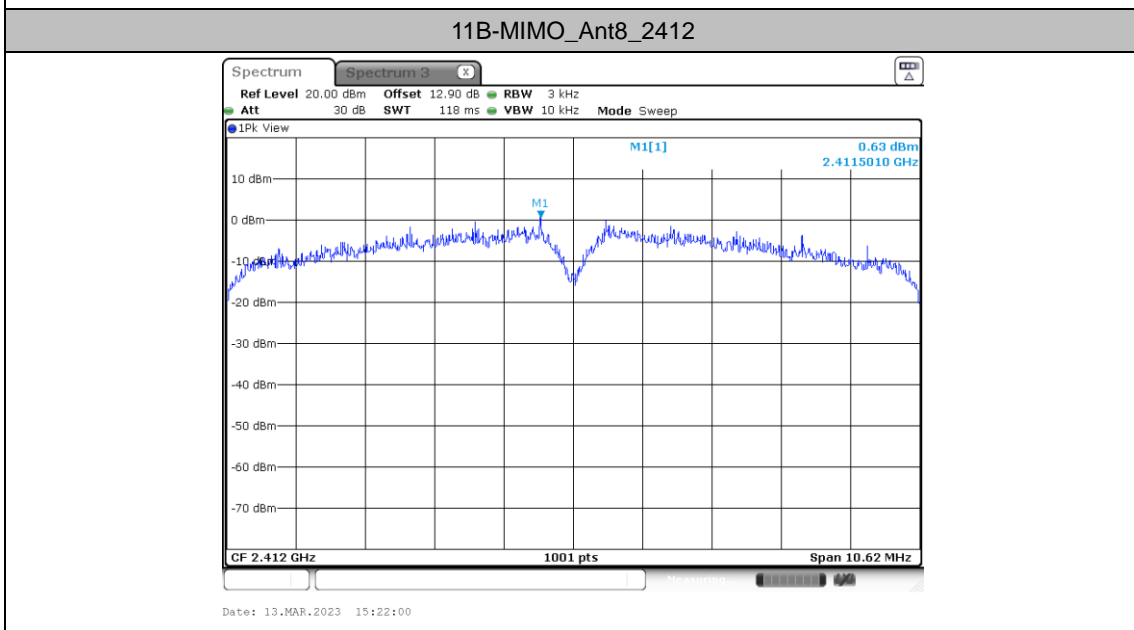
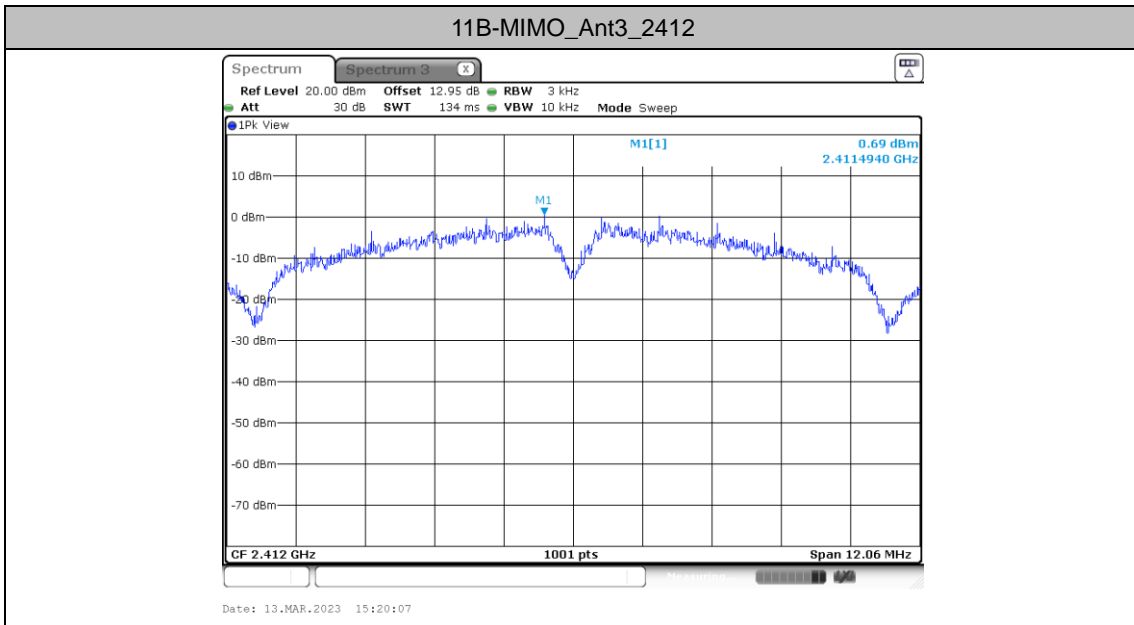
TestMode	Antenna	Freq(MHz)	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B-MIMO	Ant3	2412	0.69	≤8.00	PASS
	Ant8	2412	0.63	≤8.00	PASS
	total	2412	3.67	≤8.00	PASS
	Ant3	2437	-1.81	≤8.00	PASS
	Ant8	2437	-1.52	≤8.00	PASS
	total	2437	1.35	≤8.00	PASS
	Ant3	2462	-1.71	≤8.00	PASS
	Ant8	2462	-2.14	≤8.00	PASS
	total	2462	1.09	≤8.00	PASS
11G-MIMO	Ant3	2412	-5.53	≤8.00	PASS
	Ant8	2412	-4.78	≤8.00	PASS
	total	2412	-2.13	≤8.00	PASS
	Ant3	2437	-5.29	≤8.00	PASS
	Ant8	2437	-4.66	≤8.00	PASS
	total	2437	-1.95	≤8.00	PASS
	Ant3	2457	-5.6	≤8.00	PASS
	Ant8	2457	-6.25	≤8.00	PASS
	total	2457	-2.90	≤8.00	PASS
	Ant3	2462	-9.53	≤8.00	PASS
	Ant8	2462	-10.44	≤8.00	PASS
	total	2462	-6.95	≤8.00	PASS
11AX20MIMO	Ant3	2412	-9.53	≤8.00	PASS
	Ant8	2412	-8.73	≤8.00	PASS
	total	2412	-6.10	≤8.00	PASS
	Ant3	2437	-6.38	≤8.00	PASS
	Ant8	2437	-7.61	≤8.00	PASS
	total	2437	-3.94	≤8.00	PASS
	Ant3	2452	-5.75	≤8.00	PASS
	Ant8	2452	-6.28	≤8.00	PASS
	total	2452	-3.00	≤8.00	PASS
	Ant3	2457	-9.85	≤8.00	PASS
	Ant8	2457	-11	≤8.00	PASS
	total	2457	-7.38	≤8.00	PASS
	Ant3	2462	-11.28	≤8.00	PASS
	Ant8	2462	-12.31	≤8.00	PASS
	total	2462	-8.75	≤8.00	PASS
11AX40MIMO	Ant3	2422	-13.88	≤8.00	PASS
	Ant8	2422	-12.17	≤8.00	PASS
	total	2422	-9.93	≤8.00	PASS
	Ant3	2437	-12.36	≤8.00	PASS
	Ant8	2437	-12.24	≤8.00	PASS
	total	2437	-9.29	≤8.00	PASS
	Ant3	2442	-13.47	≤8.00	PASS



	Ant8	2442	-12.16	≤8.00	PASS
	total	2442	-9.76	≤8.00	PASS
	Ant3	2447	-12.68	≤8.00	PASS
	Ant8	2447	-13.69	≤8.00	PASS
	total	2447	-10.15	≤8.00	PASS
	Ant3	2452	-15.87	≤8.00	PASS
	Ant8	2452	-16.06	≤8.00	PASS
	total	2452	-12.95	≤8.00	PASS

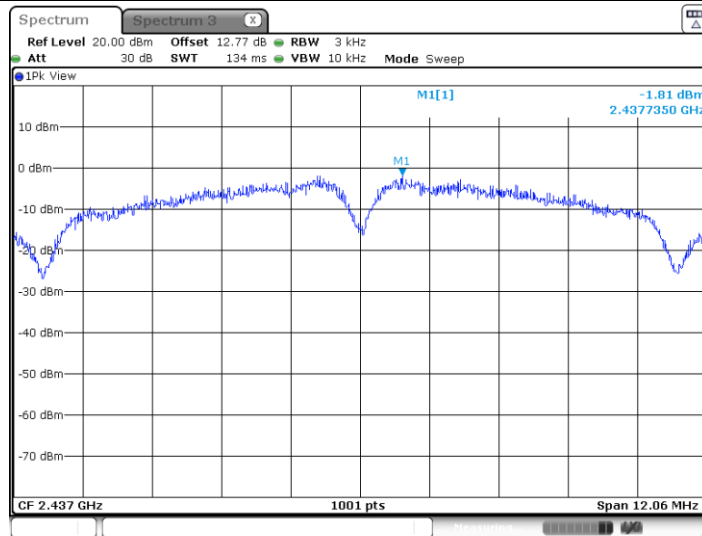


### Test Graphs

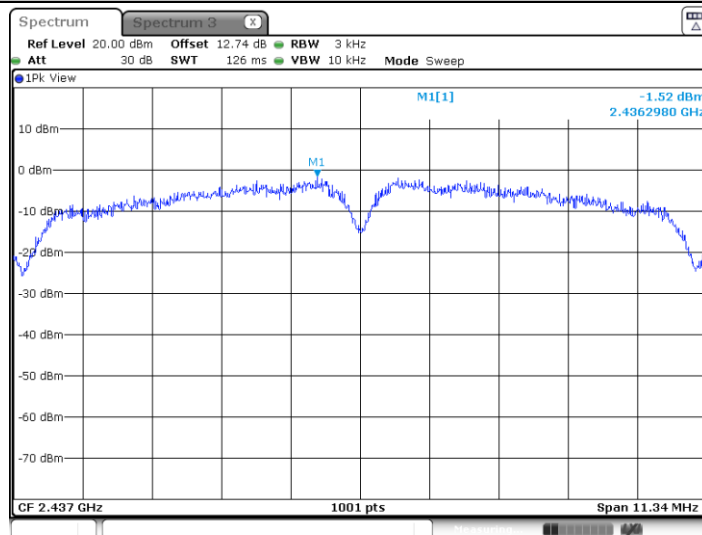




11B-MIMO\_Ant3\_2437

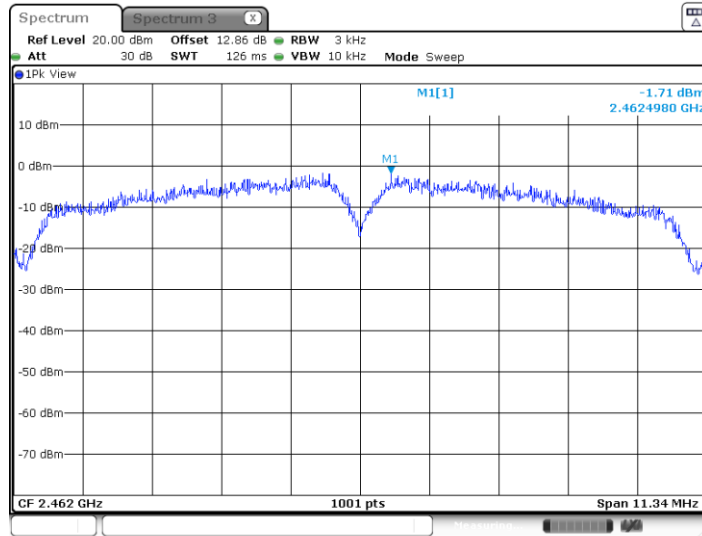


11B-MIMO\_Ant8\_2437



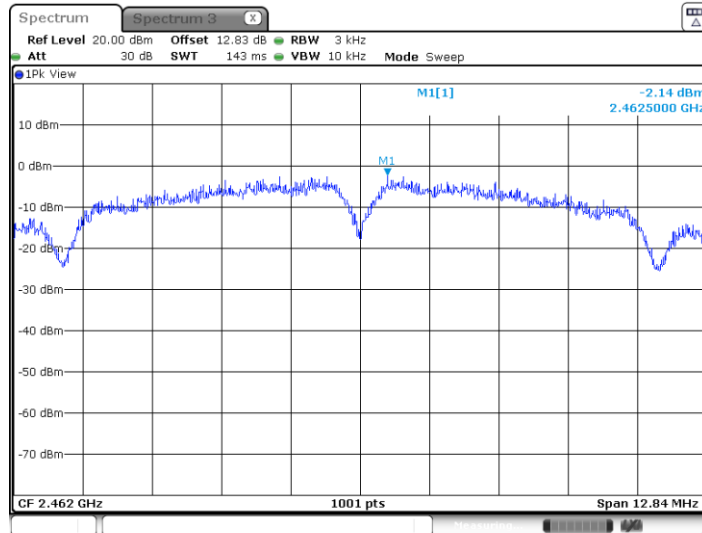


11B-MIMO\_Ant3\_2462



Date: 13.MAR.2023 15:28:26

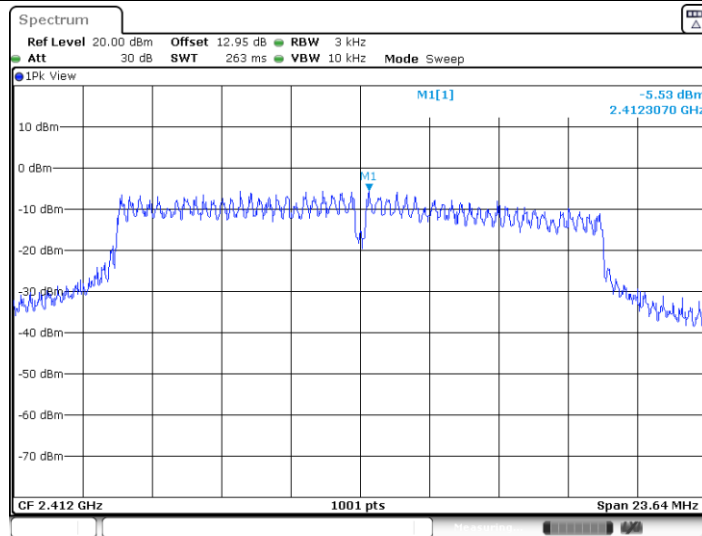
11B-MIMO\_Ant8\_2462



Date: 13.MAR.2023 15:30:16

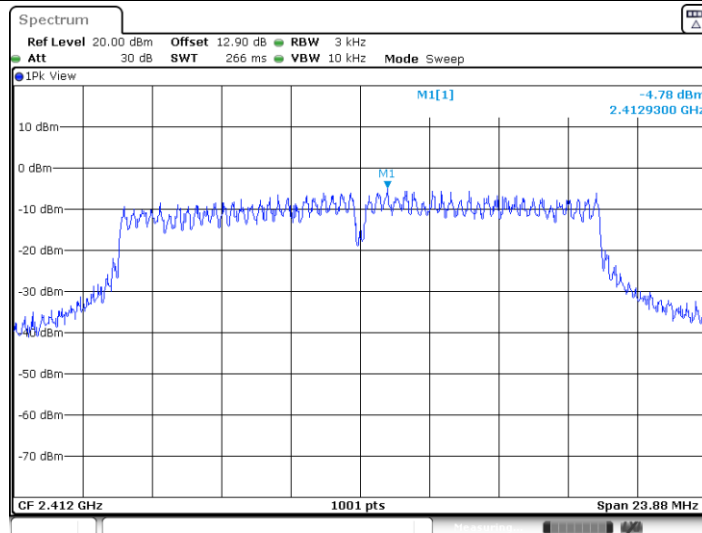


11G-MIMO\_Ant3\_2412



Date: 29.MAR.2023 12:05:20

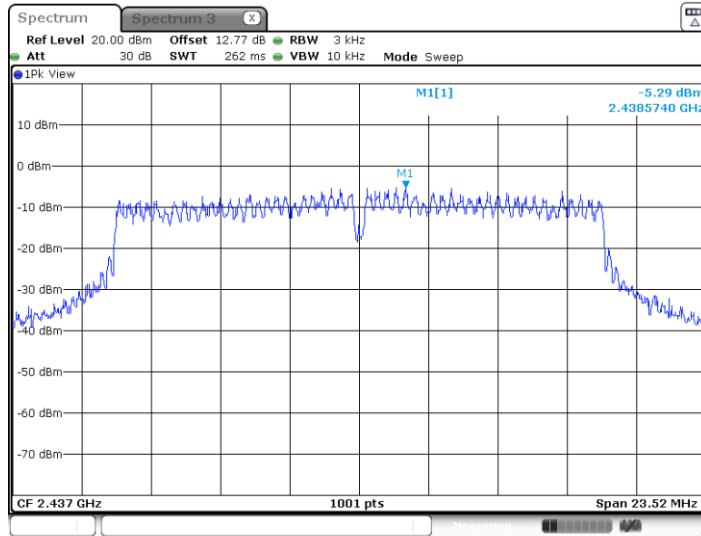
11G-MIMO\_Ant8\_2412



Date: 29.MAR.2023 12:05:31

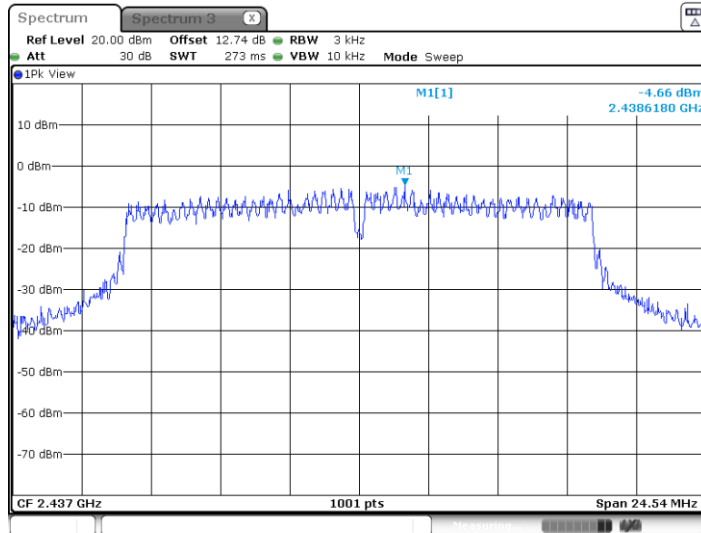


11G-MIMO\_Ant3\_2437



Date: 13.MAR.2023 15:37:14

11G-MIMO\_Ant8\_2437

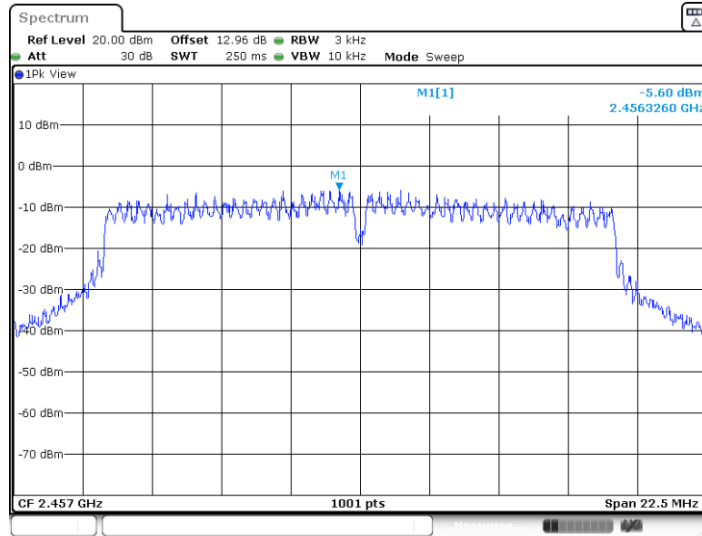


Date: 13.MAR.2023 15:38:48



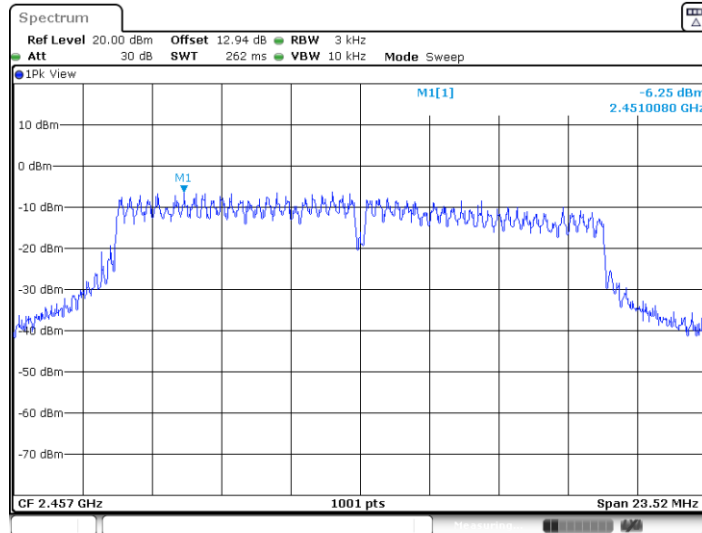


11G-MIMO\_Ant3\_2457



Date: 29.MAR.2023 12:06:36

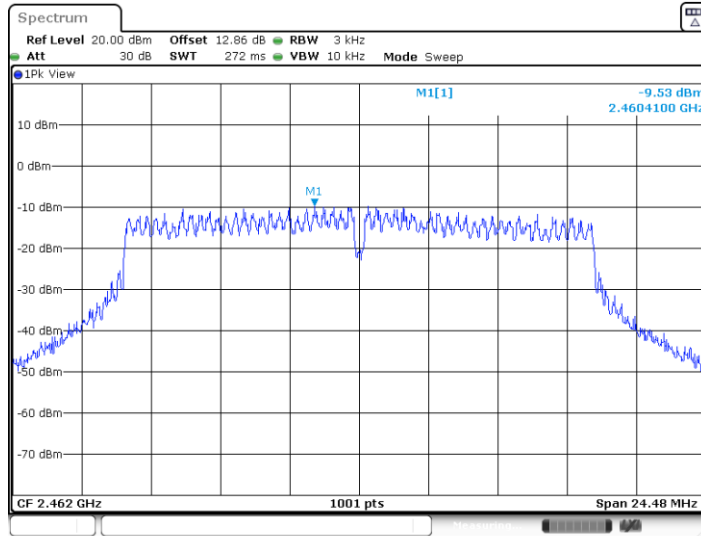
11G-MIMO\_Ant8\_2457



Date: 29.MAR.2023 12:08:28

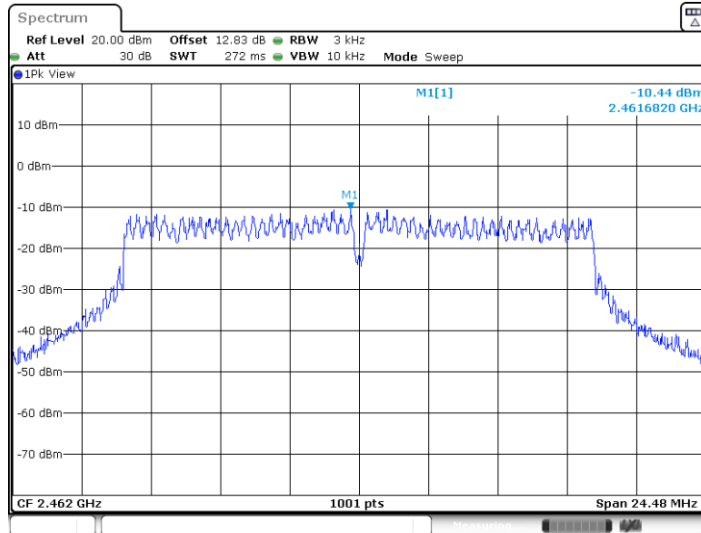


11G-MIMO\_Ant3\_2462



Date: 29.MAR.2023 12:10:13

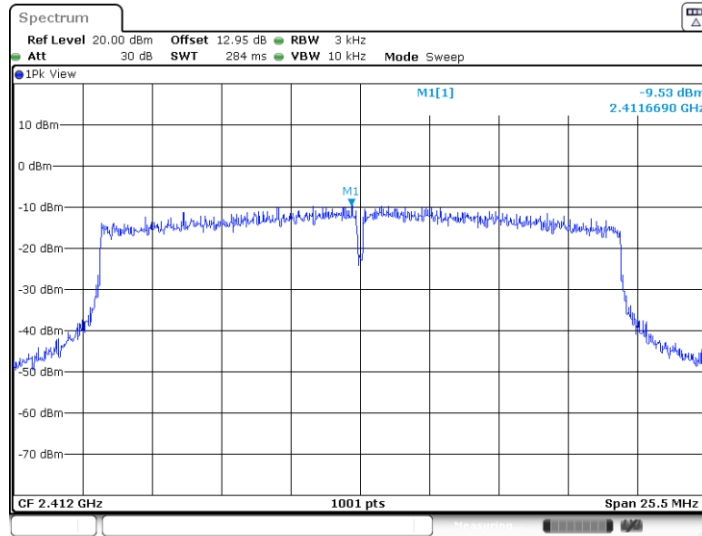
11G-MIMO\_Ant8\_2462



Date: 29.MAR.2023 12:10:33

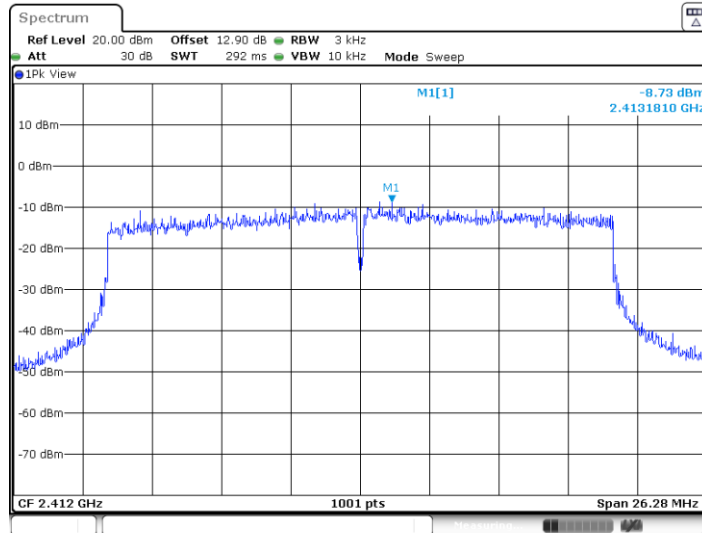


11AX20MIMO\_Ant3\_2412



Date: 22.MAR.2023 03:18:55

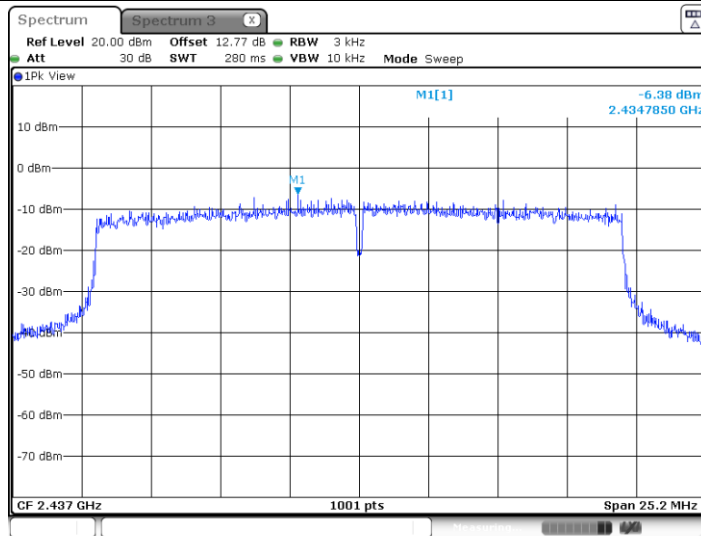
11AX20MIMO\_Ant8\_2412



Date: 22.MAR.2023 03:19:15

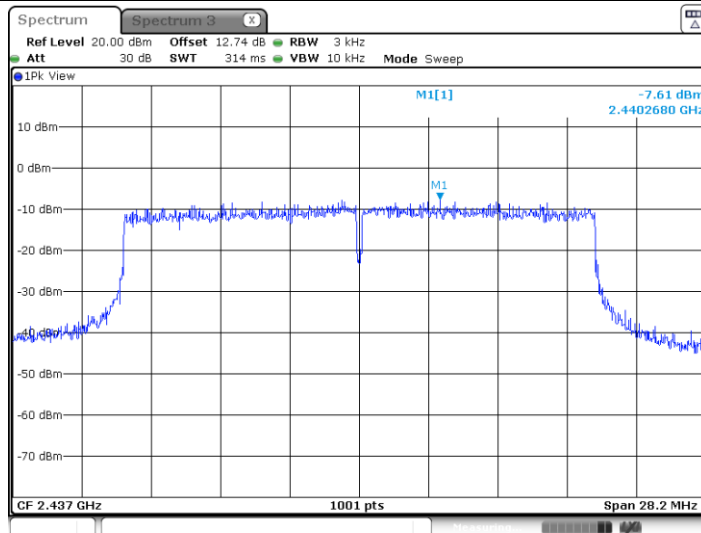


11AX20MIMO\_Ant3\_2437



Date: 13.MAR.2023 15:50:21

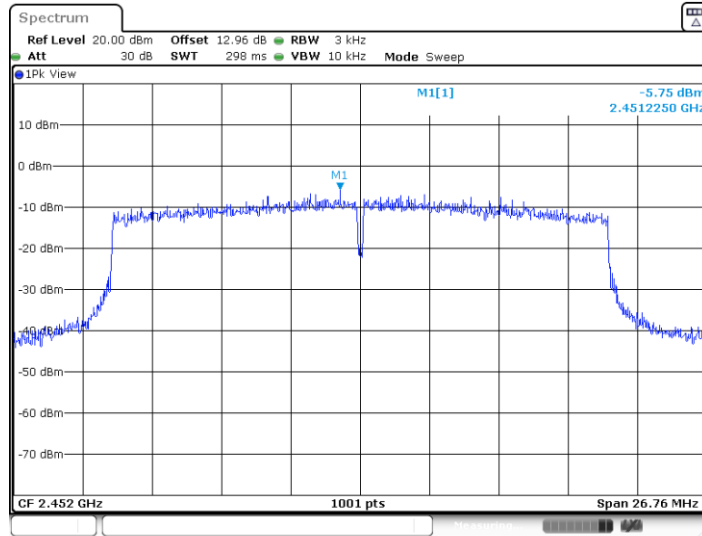
11AX20MIMO\_Ant8\_2437



Date: 13.MAR.2023 15:51:51

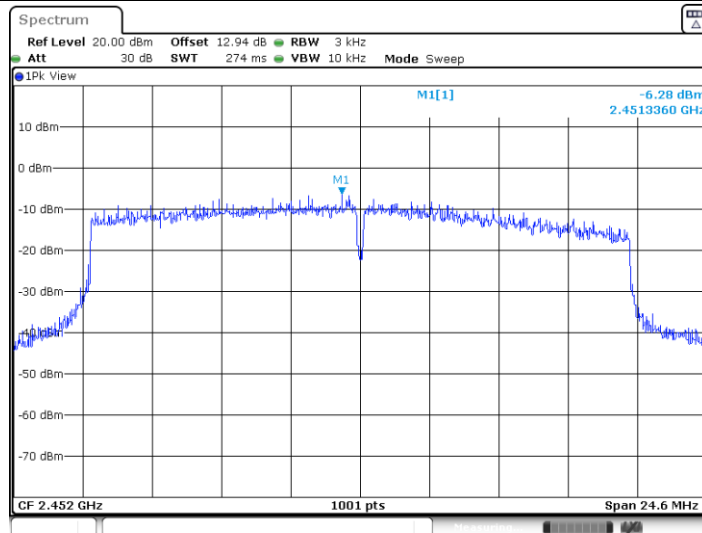


11AX20MIMO\_Ant3\_2452



Date: 29.MAR.2023 12:12:31

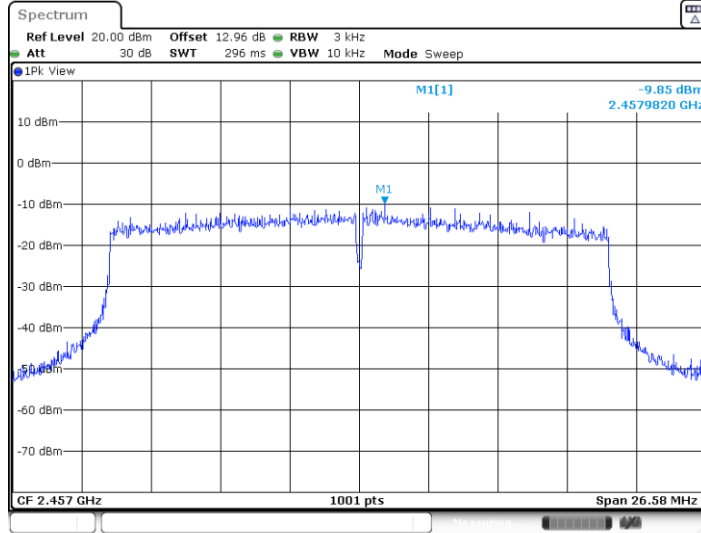
11AX20MIMO\_Ant8\_2452



Date: 29.MAR.2023 12:14:24

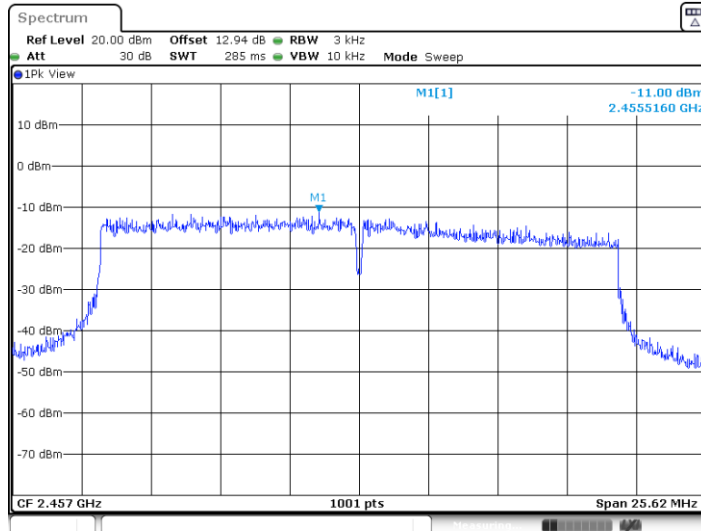


11AX20MIMO\_Ant3\_2457



Date: 29.MAR.2023 12:30:23

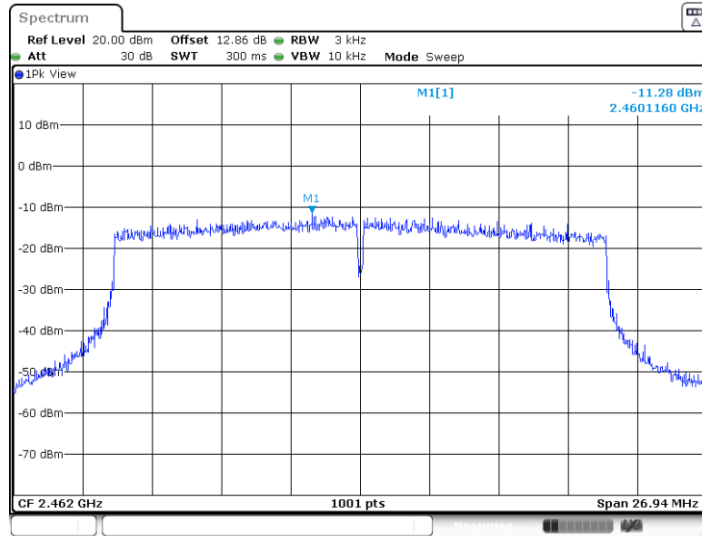
11AX20MIMO\_Ant8\_2457



Date: 29.MAR.2023 12:32:18

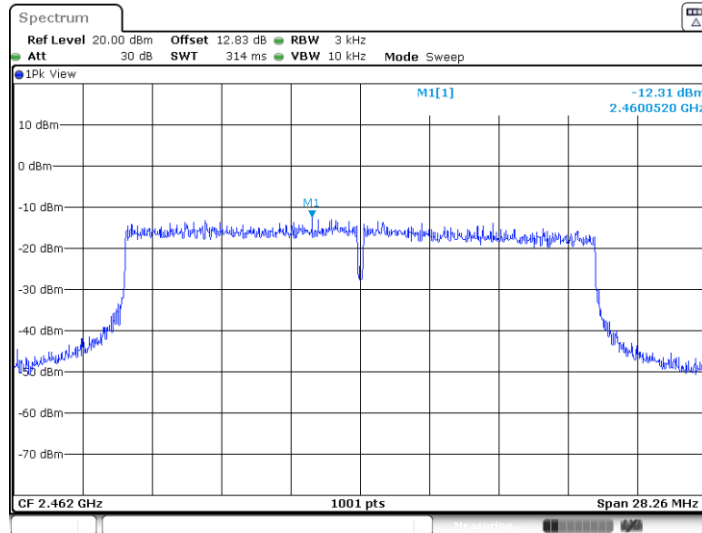


11AX20MIMO\_Ant3\_2462



Date: 22.MAR.2023 03:19:52

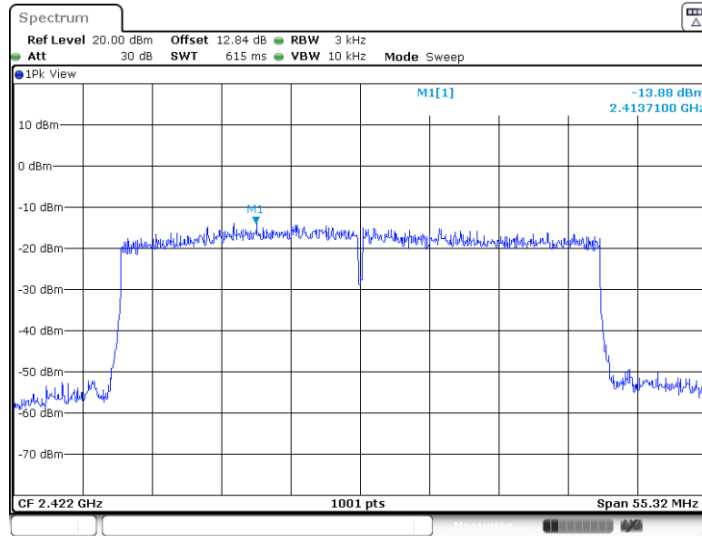
11AX20MIMO\_Ant8\_2462



Date: 22.MAR.2023 03:20:06

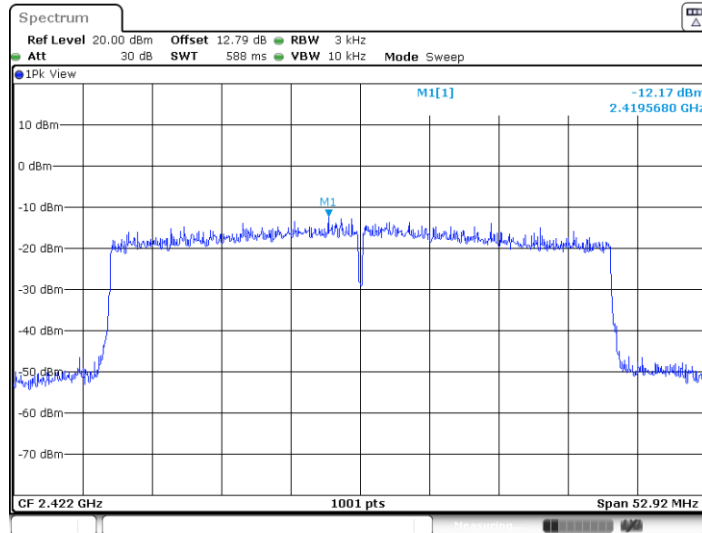


11AX40MIMO\_Ant3\_2422



Date: 22.MAR.2023 03:21:09

11AX40MIMO\_Ant8\_2422

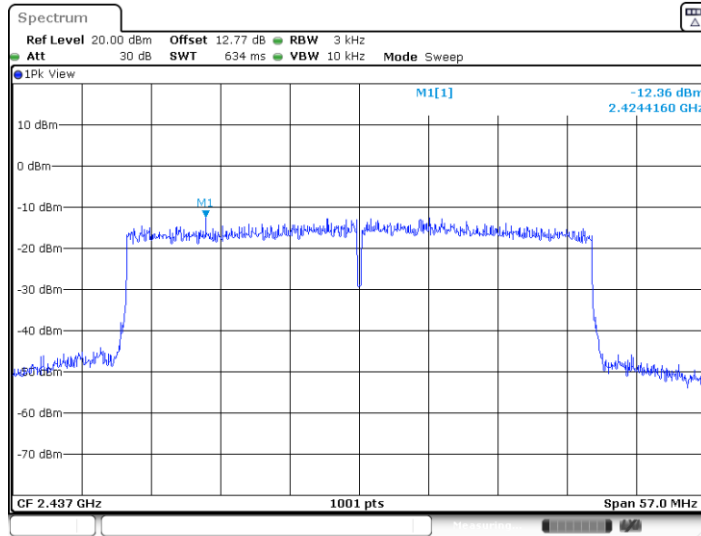


Date: 22.MAR.2023 03:21:29



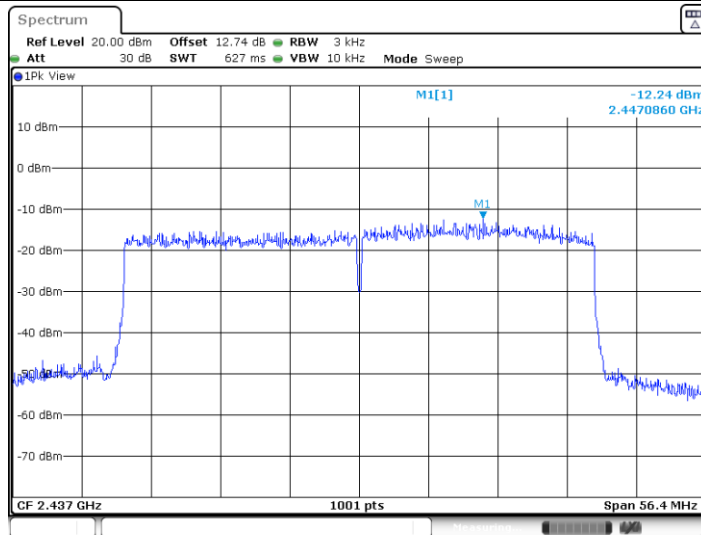


11AX40MIMO\_Ant3\_2437



Date: 29.MAR.2023 12:34:24

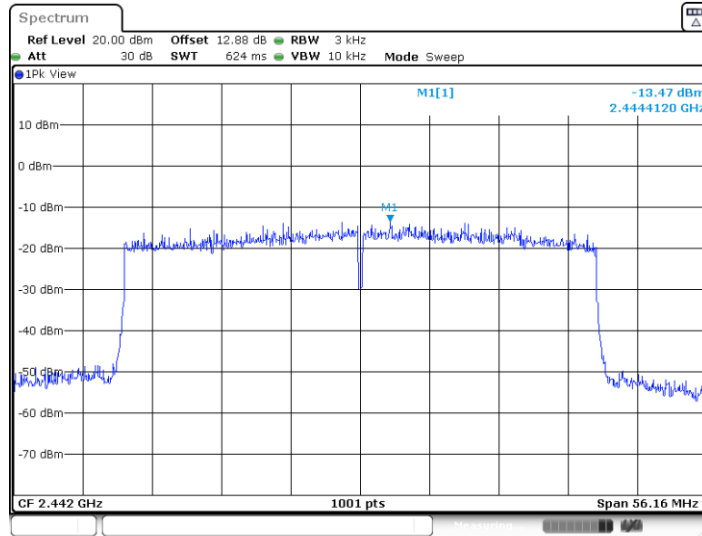
11AX40MIMO\_Ant8\_2437



Date: 29.MAR.2023 12:34:44

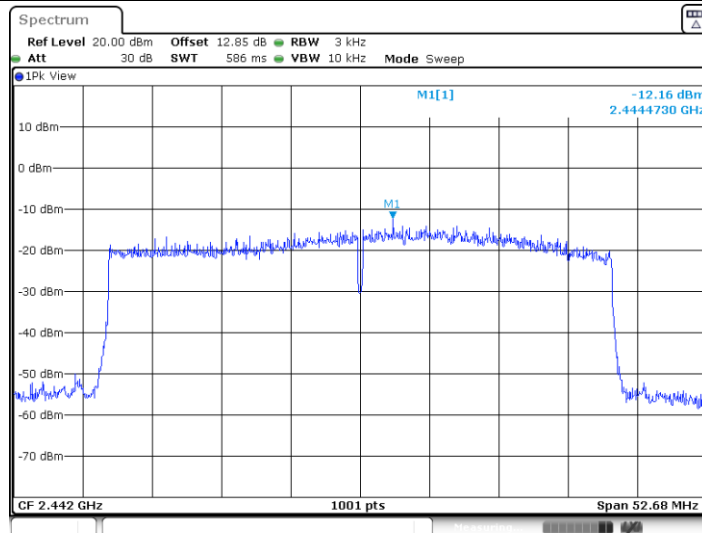


11AX40MIMO\_Ant3\_2442



Date: 29.MAR.2023 12:35:57

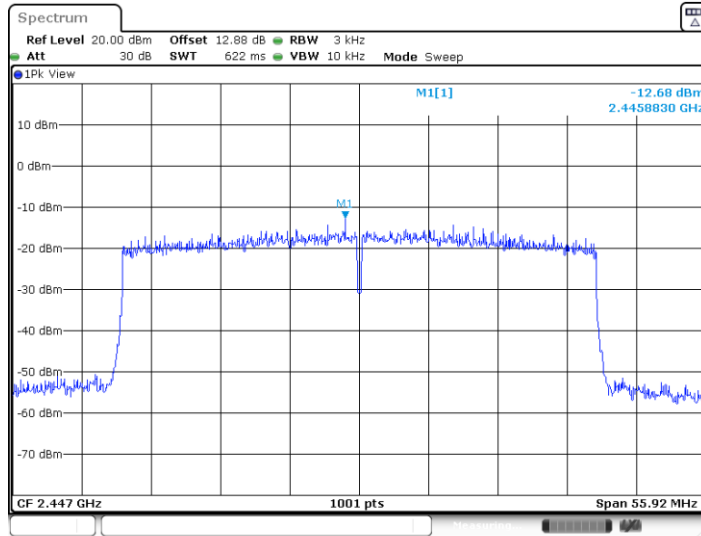
11AX40MIMO\_Ant8\_2442



Date: 29.MAR.2023 12:37:44

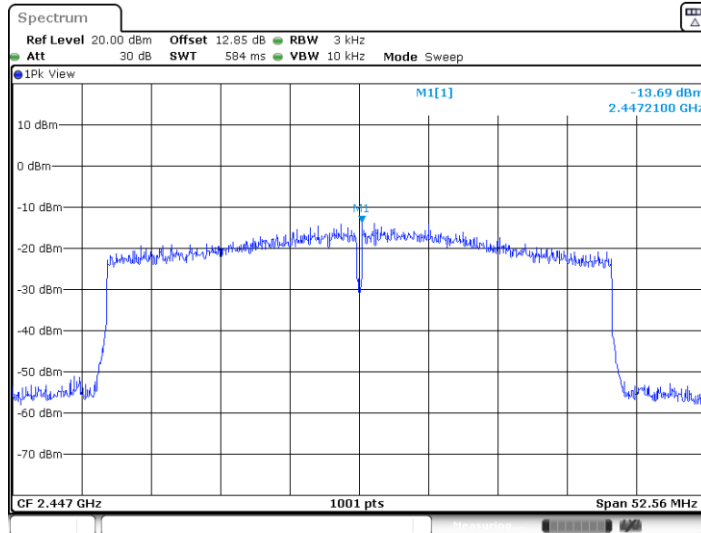


11AX40MIMO\_Ant3\_2447



Date: 29.MAR.2023 12:40:06

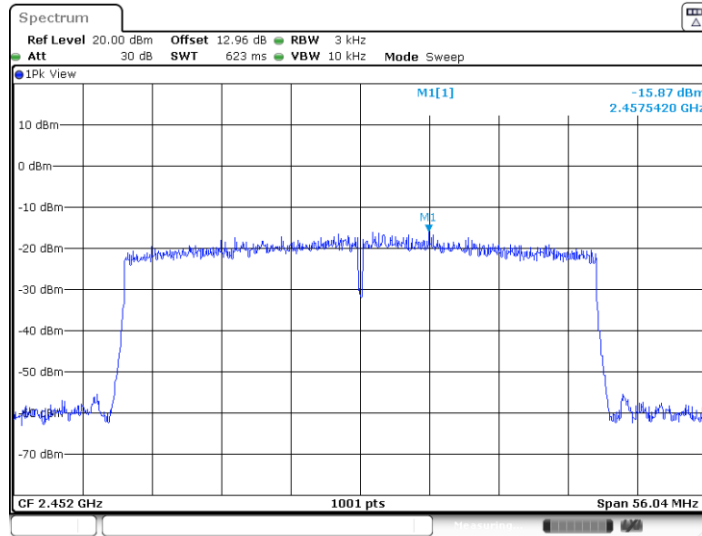
11AX40MIMO\_Ant8\_2447



Date: 29.MAR.2023 12:41:58

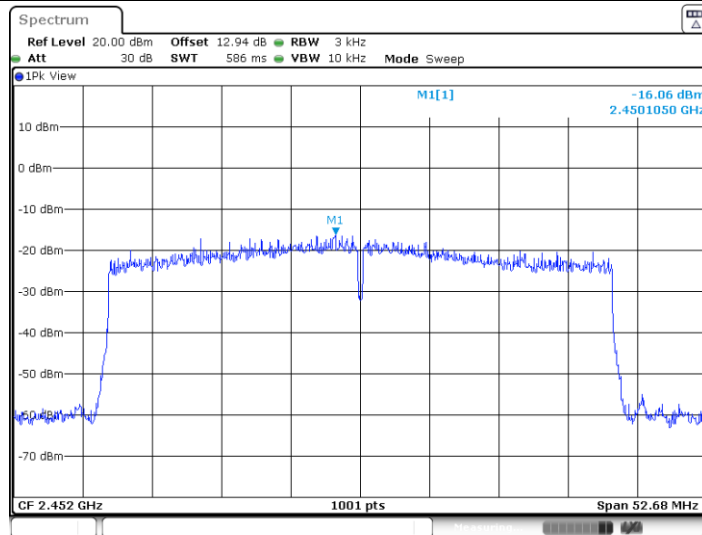


11AX40MIMO\_Ant3\_2452



Date: 22.MAR.2023 03:21:55

11AX40MIMO\_Ant8\_2452



Date: 22.MAR.2023 03:22:15



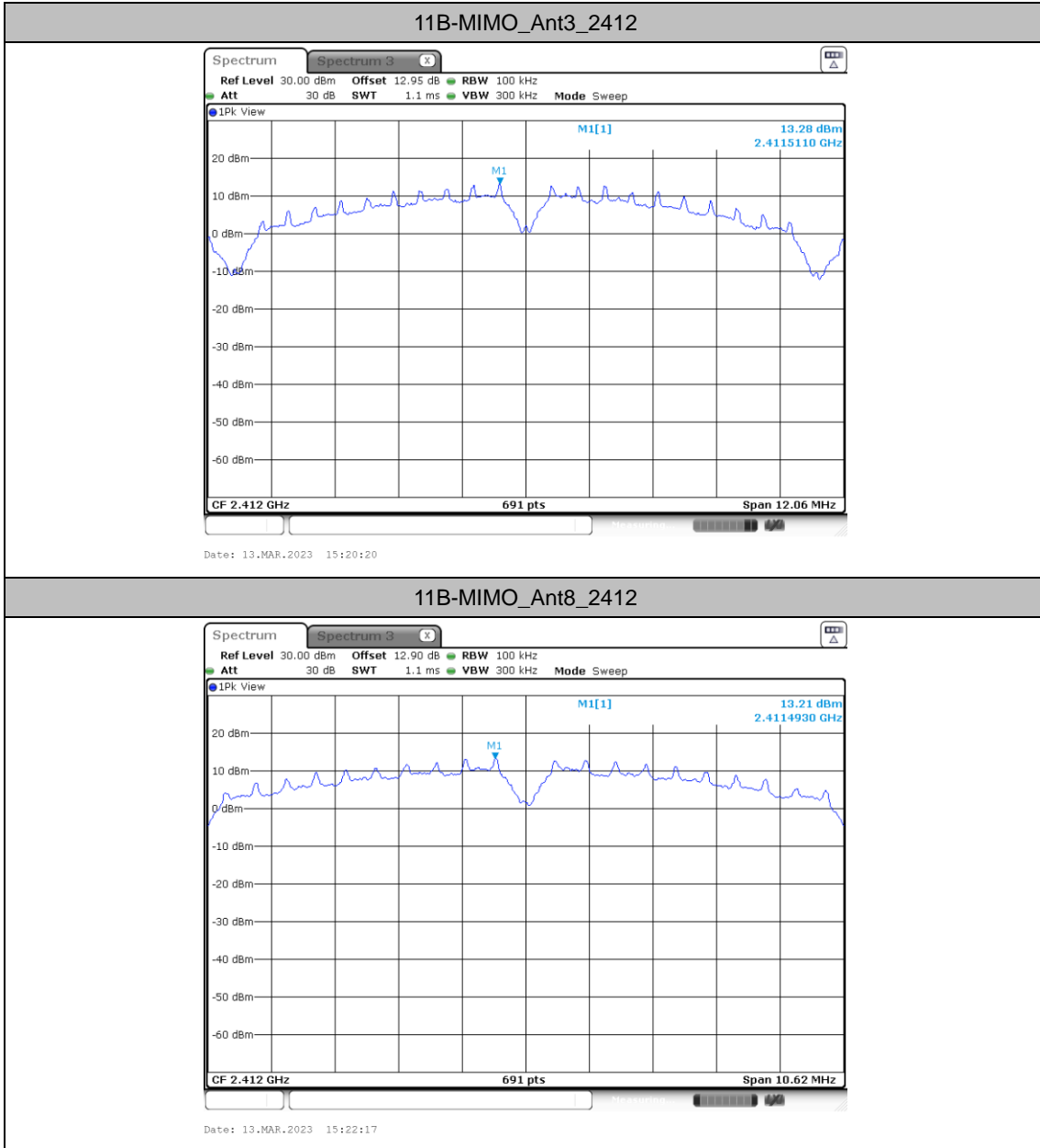
### Reference level measurement

#### Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm/100KHz]
11B-MIMO	Ant3	2412	2411.51	13.28
	Ant8	2412	2411.49	13.21
	Ant3	2437	2438.00	12.27
	Ant8	2437	2438.00	12.76
	Ant3	2462	2461.49	12.11
	Ant8	2462	2461.50	11.77
11G-MIMO	Ant3	2412	2413.27	9.56
	Ant8	2412	2413.28	9.05
	Ant3	2437	2438.26	9.10
	Ant8	2437	2435.76	8.95
	Ant3	2457	2455.73	8.71
	Ant8	2457	2452.00	7.71
	Ant3	2462	2455.73	8.47
11AX20MIMO	Ant8	2462	2460.76	8.40
	Ant3	2412	2413.26	8.31
	Ant8	2412	2414.51	7.97
	Ant3	2437	2438.28	7.96
	Ant8	2437	2438.27	7.42
	Ant3	2452	2450.72	8.49
	Ant8	2452	2450.75	7.68
	Ant3	2457	2458.27	4.02
	Ant8	2457	2450.77	3.73
	Ant3	2462	2460.75	8.32
11AX40MIMO	Ant8	2462	2456.97	6.93
	Ant3	2422	2417.04	4.72
	Ant8	2422	2417.02	5.39
	Ant3	2437	2442.03	5.06
	Ant8	2437	2452.02	4.02
	Ant3	2442	2445.74	1.77
	Ant8	2442	2447.03	1.98
	Ant3	2447	2450.80	0.93
	Ant8	2447	2444.49	1.16
	Ant3	2452	2455.73	5.74
Ant8	2452	2449.48	5.88	

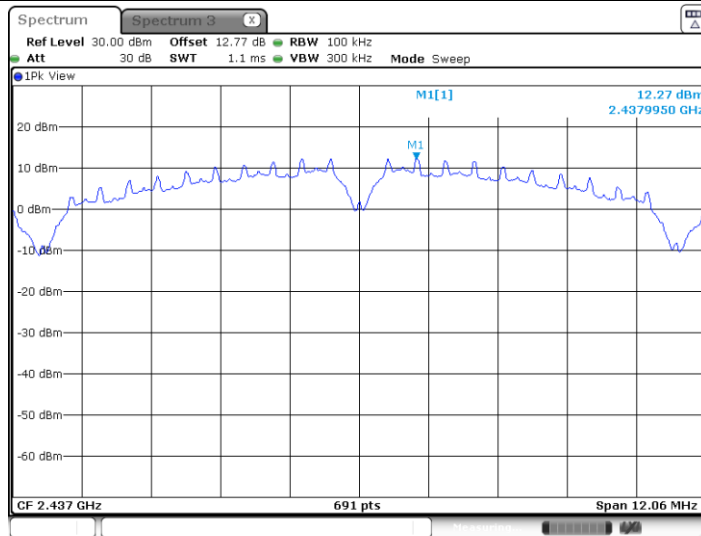


### Test Graphs

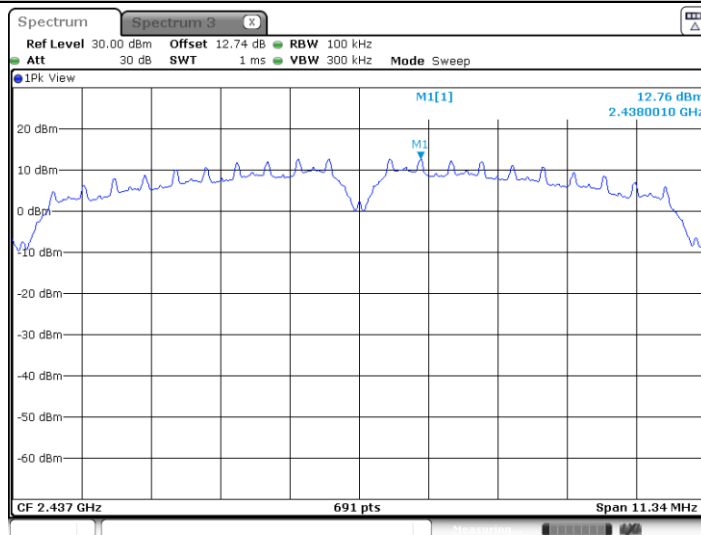




11B-MIMO\_Ant3\_2437

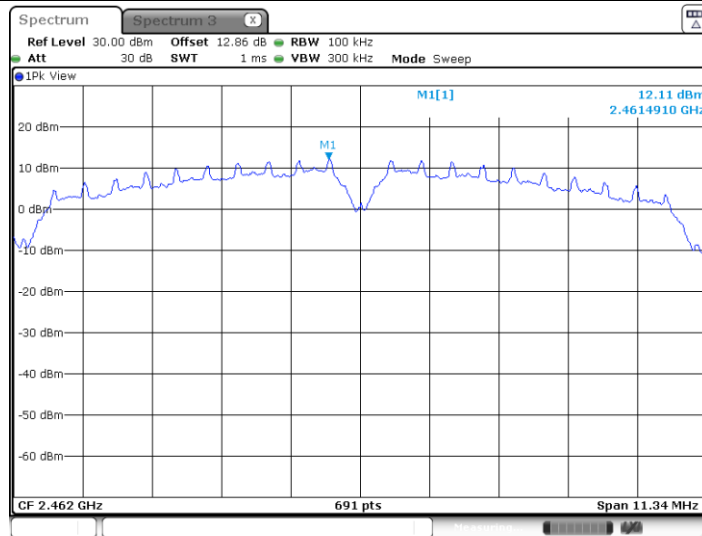


11B-MIMO\_Ant8\_2437



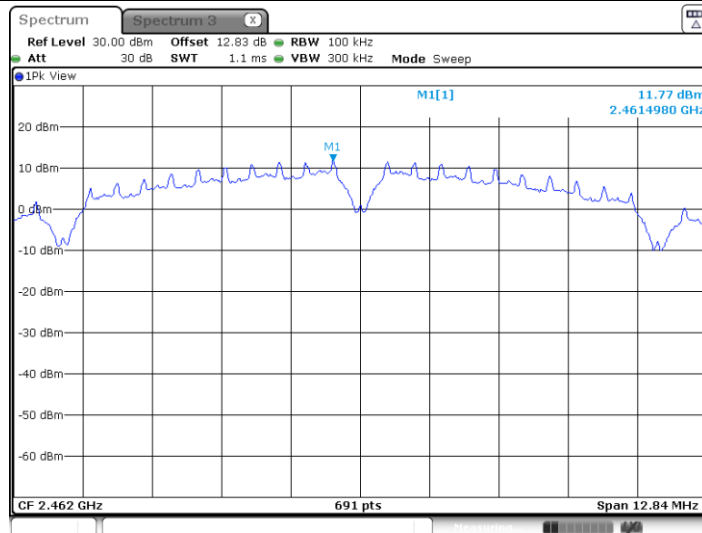


11B-MIMO\_Ant3\_2462



Date: 13.MAR.2023 15:28:39

11B-MIMO\_Ant8\_2462

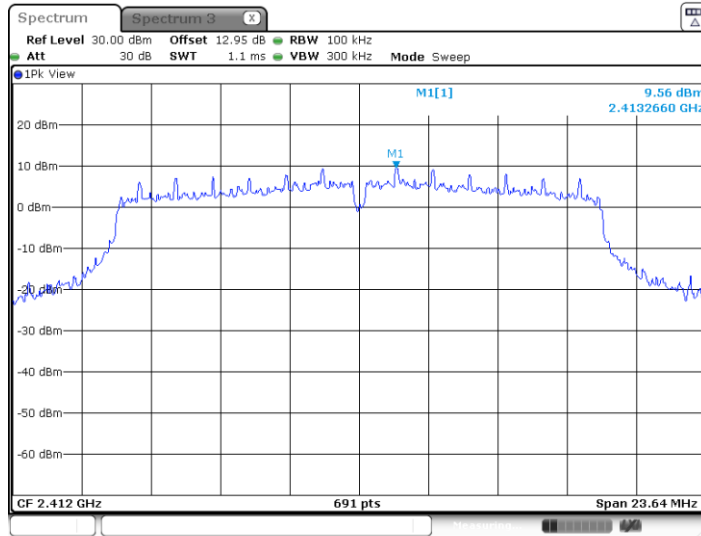


Date: 13.MAR.2023 15:30:32



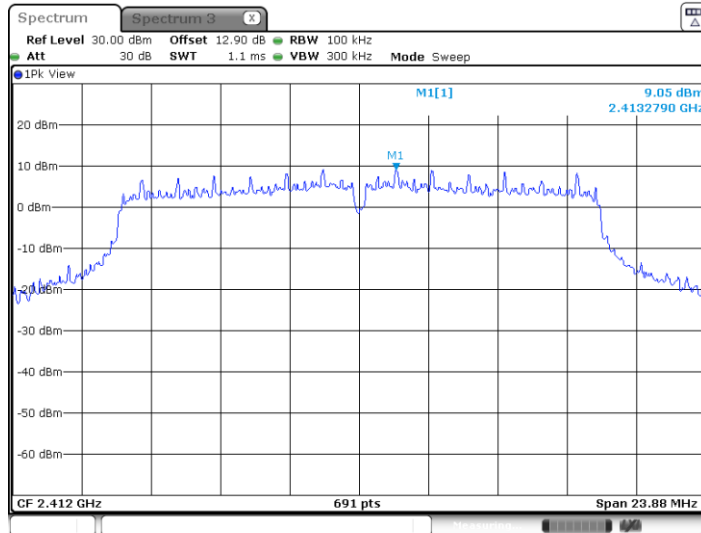


11G-MIMO\_Ant3\_2412



Date: 13.MAR.2023 15:33:22

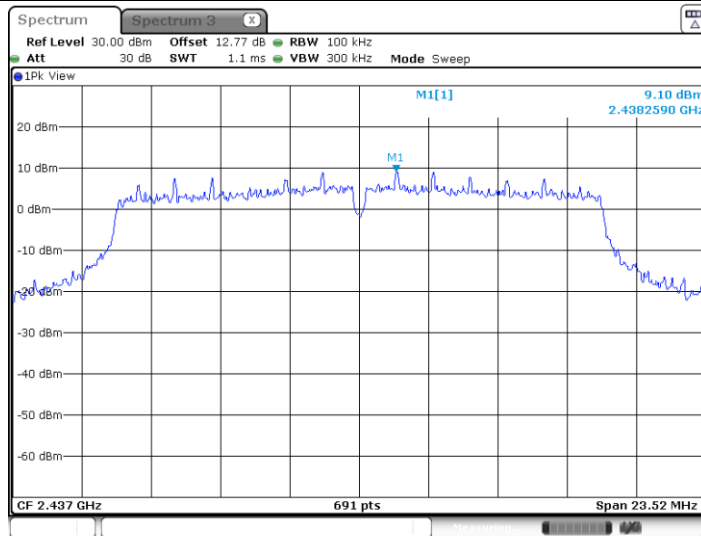
11G-MIMO\_Ant8\_2412



Date: 13.MAR.2023 15:35:10

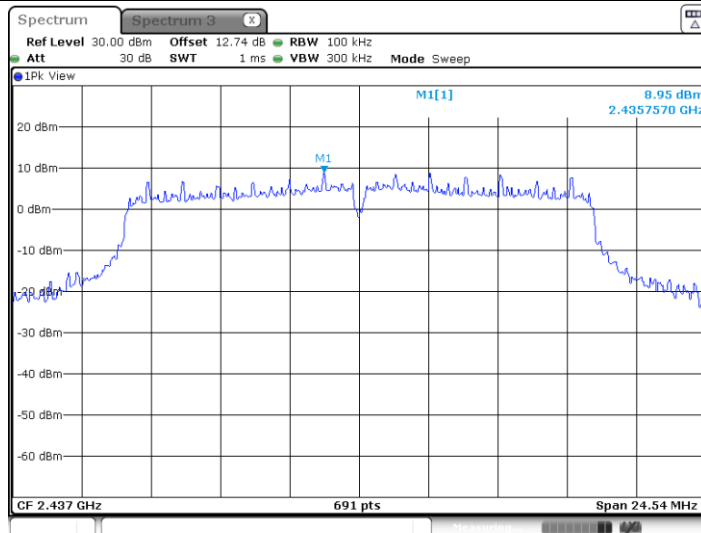


11G-MIMO\_Ant3\_2437



Date: 13.MAR.2023 15:37:31

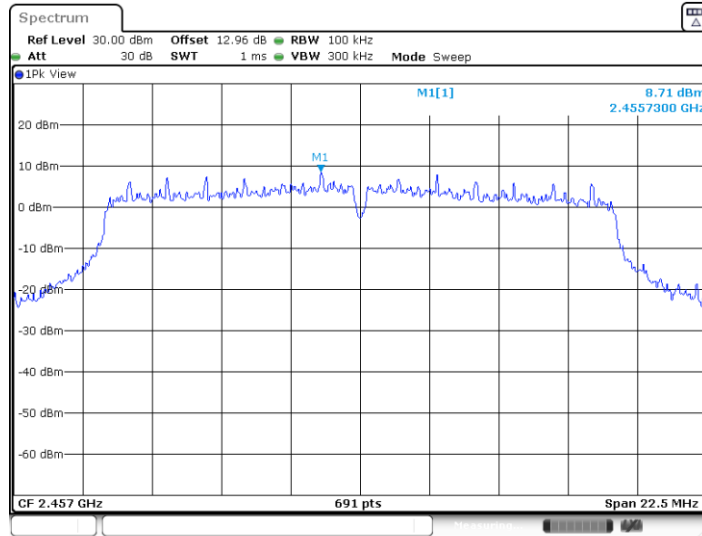
11G-MIMO\_Ant8\_2437



Date: 13.MAR.2023 15:39:05

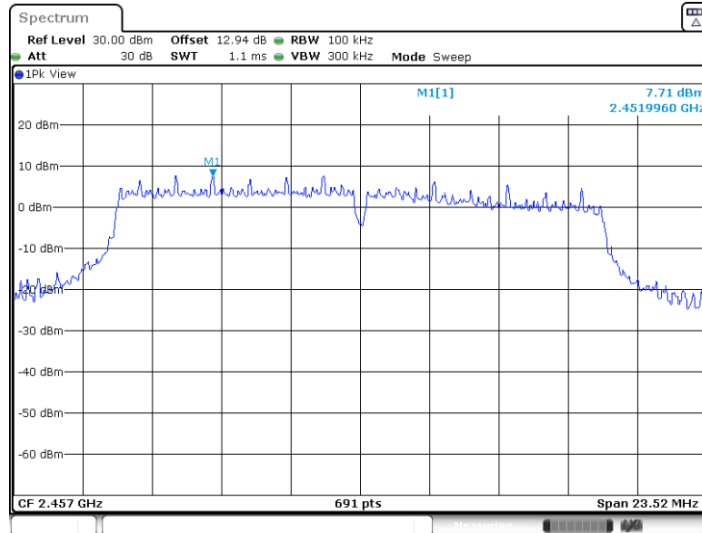


11G-MIMO\_Ant3\_2457



Date: 29.MAR.2023 12:06:52

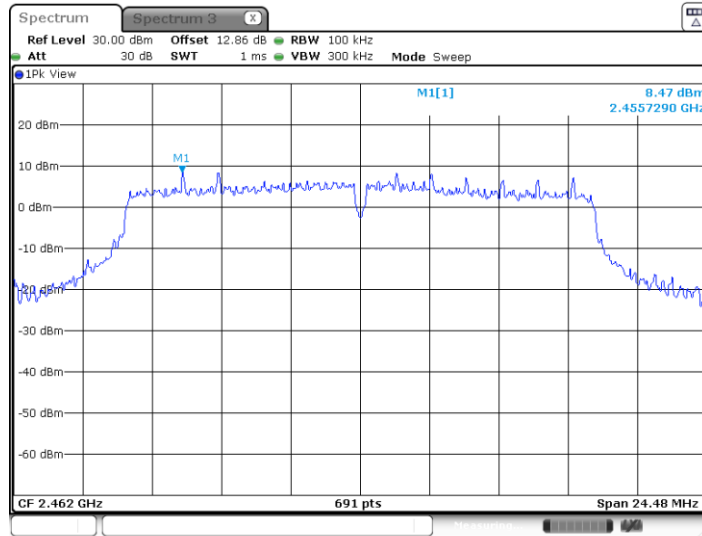
11G-MIMO\_Ant8\_2457



Date: 29.MAR.2023 12:08:44

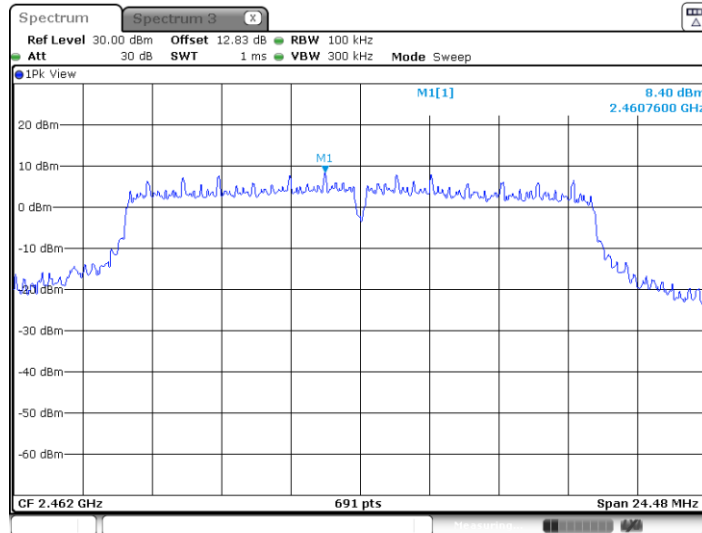


11G-MIMO\_Ant3\_2462



Date: 13.MAR.2023 15:40:56

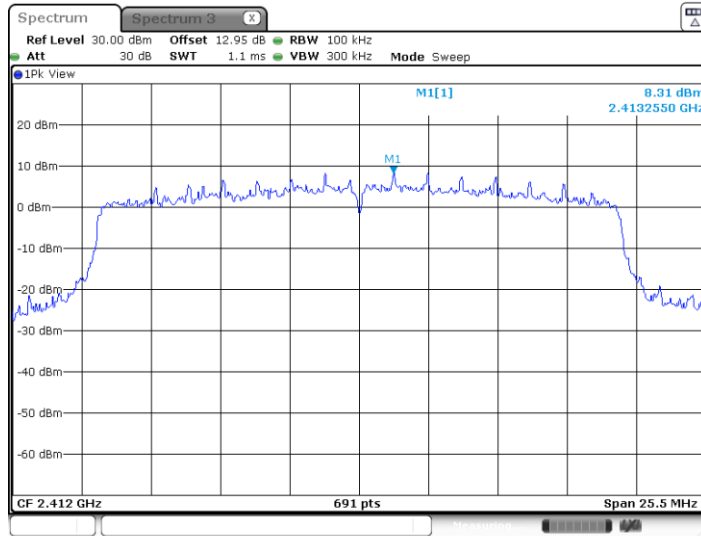
11G-MIMO\_Ant8\_2462



Date: 13.MAR.2023 15:42:50

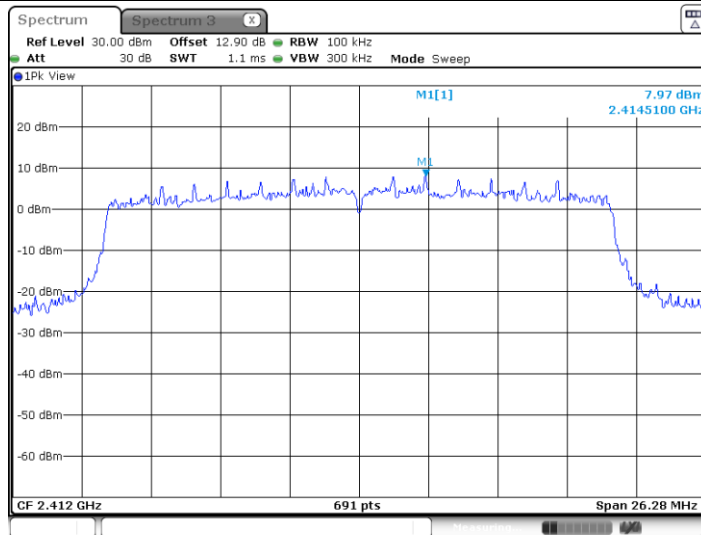


11AX20MIMO\_Ant3\_2412



Date: 13.MAR.2023 15:46:31

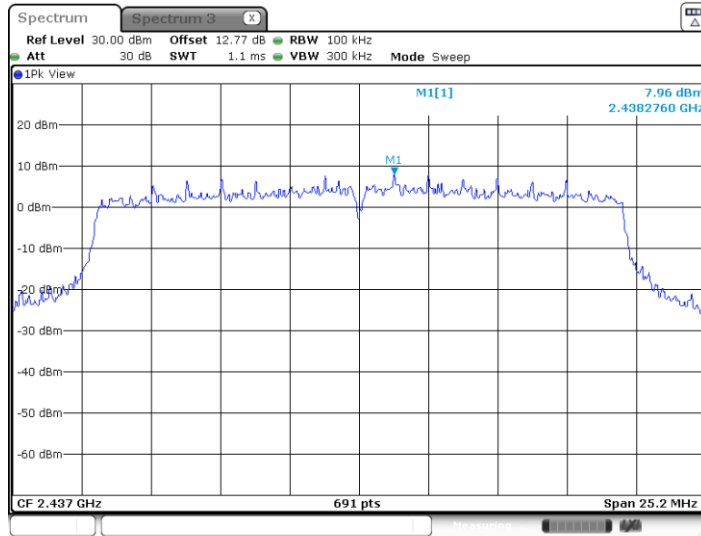
11AX20MIMO\_Ant8\_2412



Date: 13.MAR.2023 15:48:24

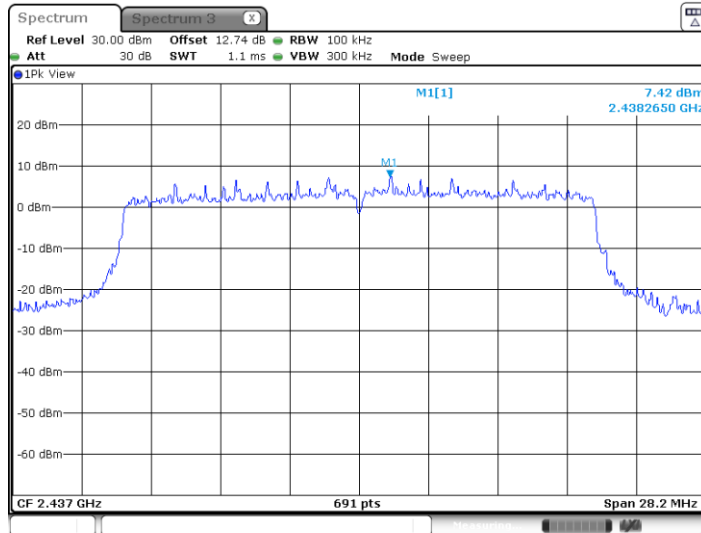


11AX20MIMO\_Ant3\_2437



Date: 13.MAR.2023 15:50:37

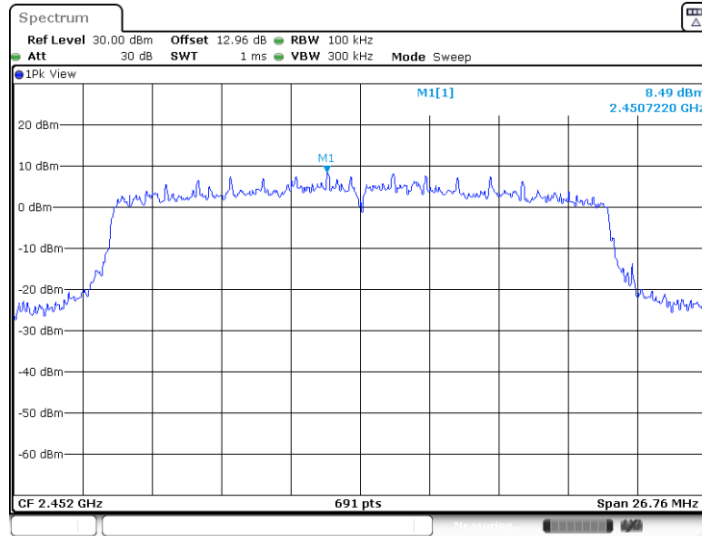
11AX20MIMO\_Ant8\_2437



Date: 13.MAR.2023 15:52:08

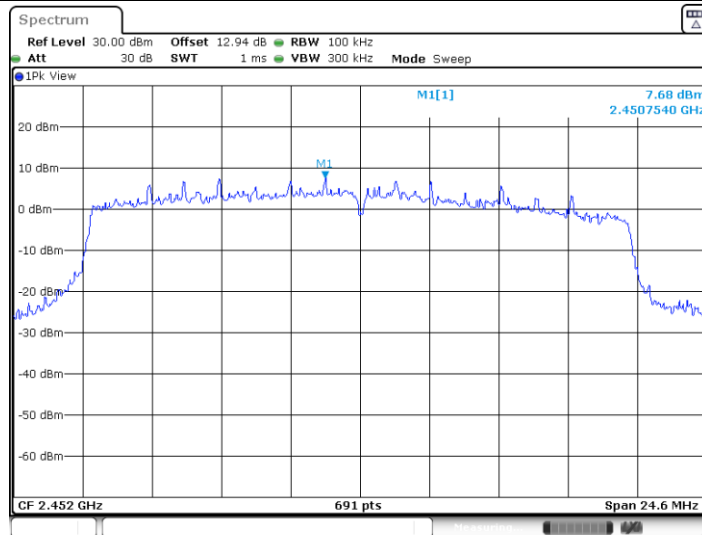


11AX20MIMO\_Ant3\_2452



Date: 29.MAR.2023 12:12:44

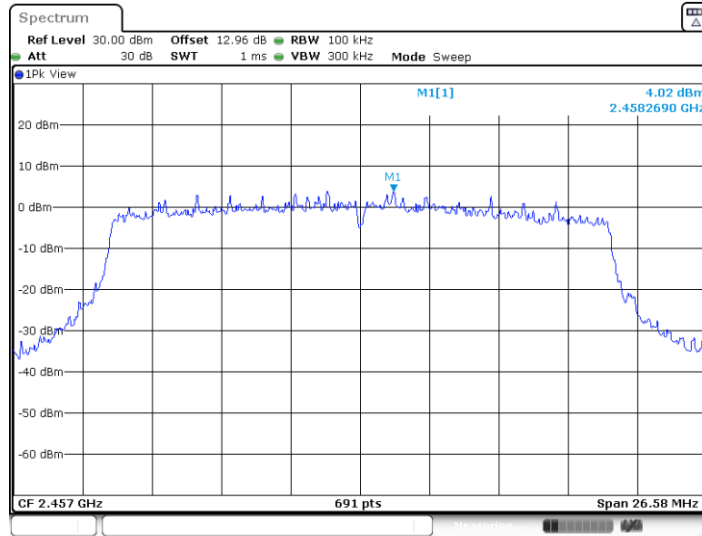
11AX20MIMO\_Ant8\_2452



Date: 29.MAR.2023 12:14:38

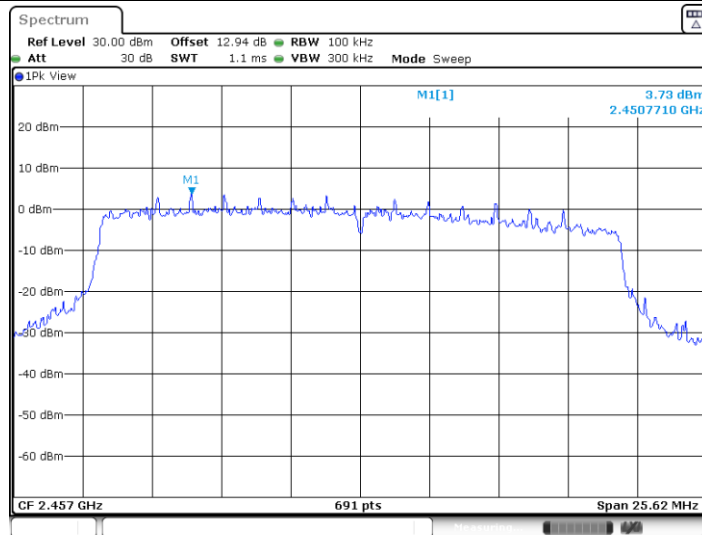


11AX20MIMO\_Ant3\_2457



Date: 29.MAR.2023 12:30:39

11AX20MIMO\_Ant8\_2457

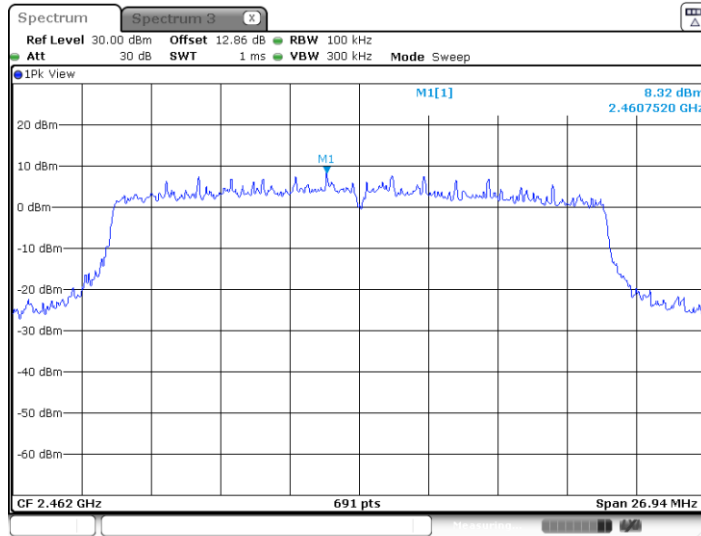


Date: 29.MAR.2023 12:32:35



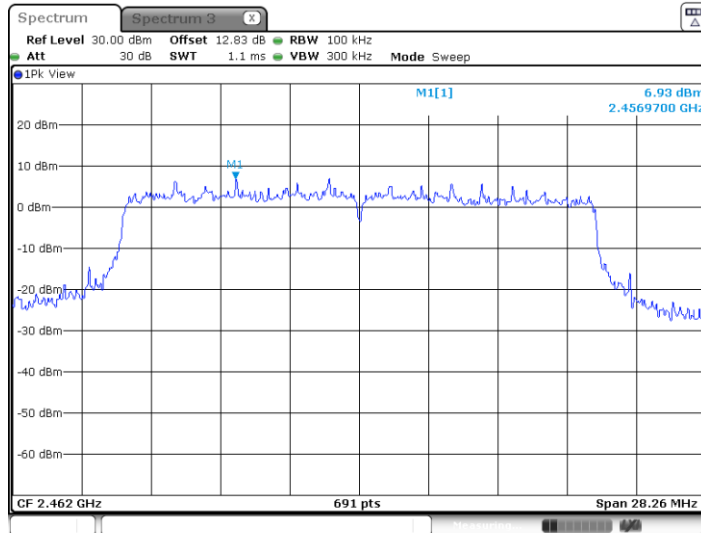


11AX20MIMO\_Ant3\_2462



Date: 13.MAR.2023 15:58:59

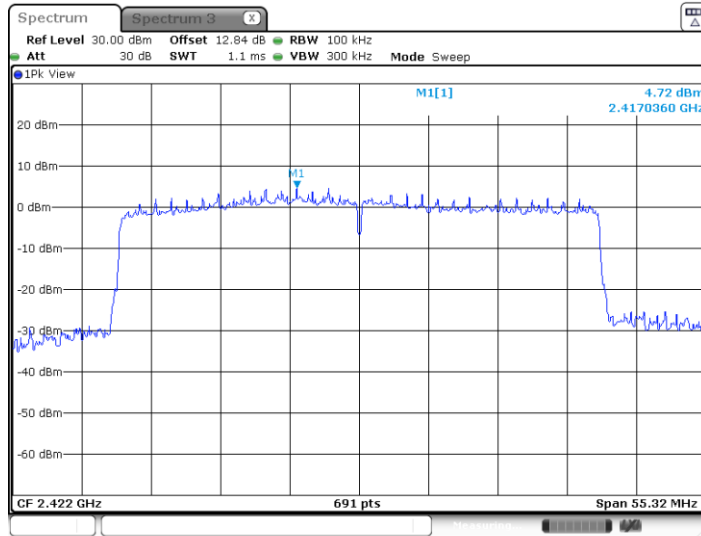
11AX20MIMO\_Ant8\_2462



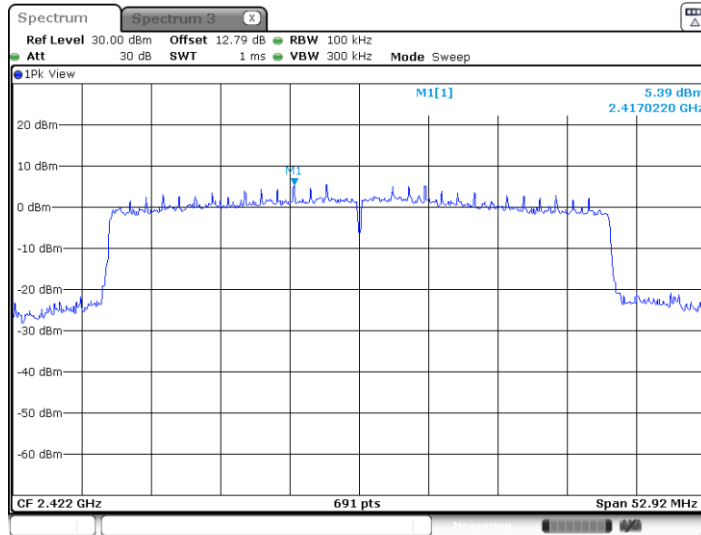
Date: 13.MAR.2023 16:00:53



11AX40MIMO\_Ant3\_2422

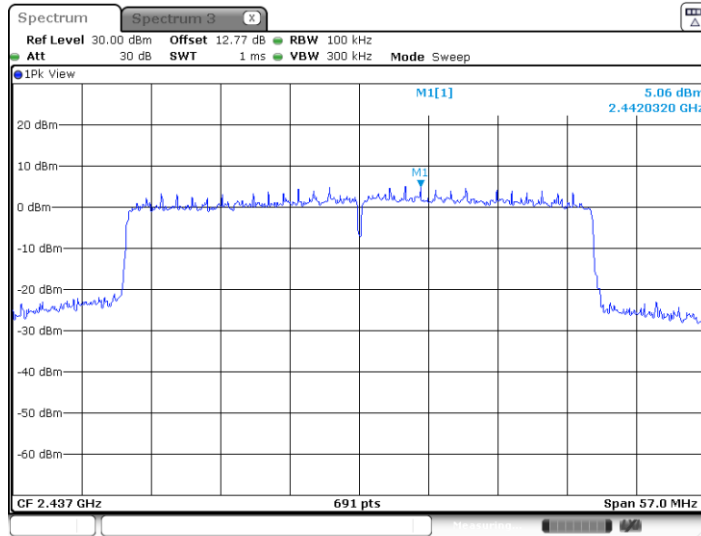


11AX40MIMO\_Ant8\_2422



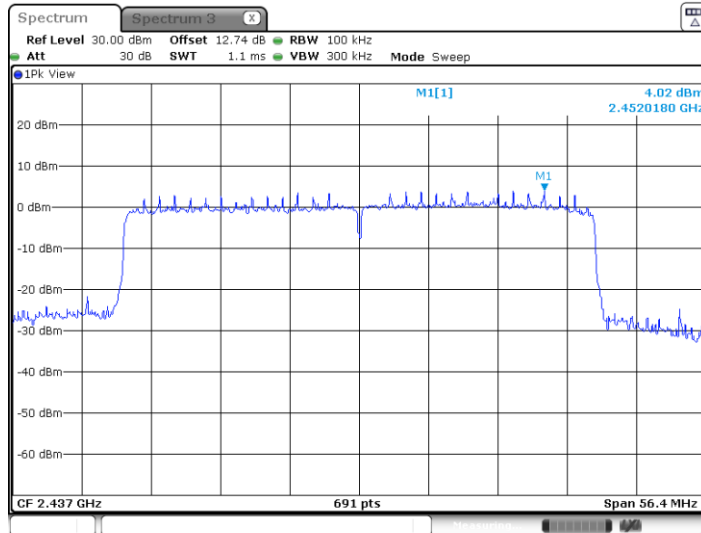


11AX40MIMO\_Ant3\_2437



Date: 13.MAR.2023 16:07:51

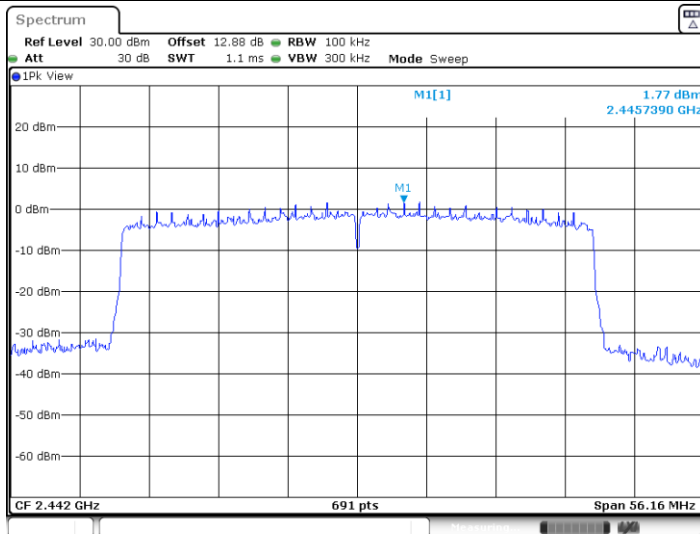
11AX40MIMO\_Ant8\_2437



Date: 13.MAR.2023 16:09:19

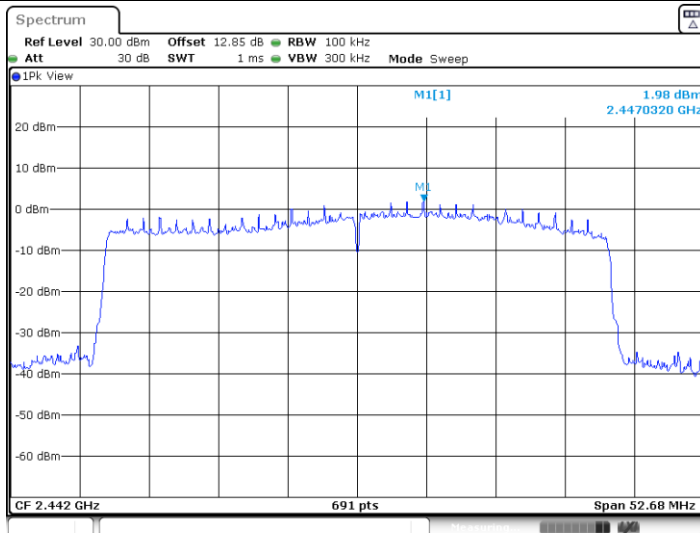


11AX40MIMO\_Ant3\_2442



Date: 29.MAR.2023 12:36:11

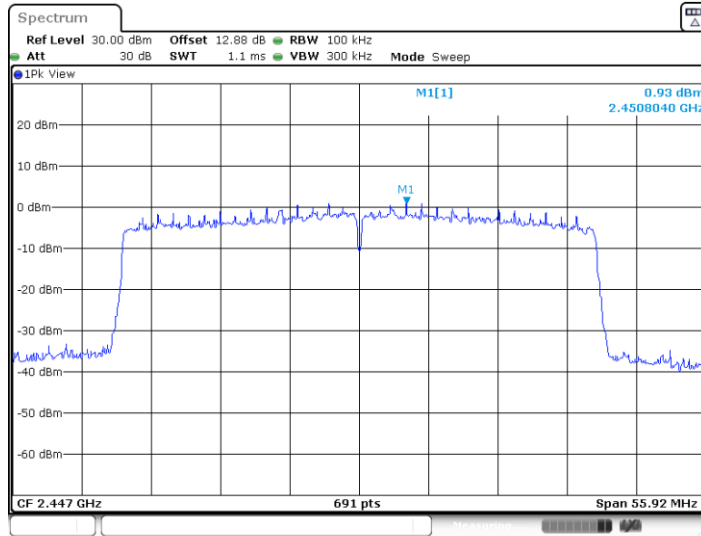
11AX40MIMO\_Ant8\_2442



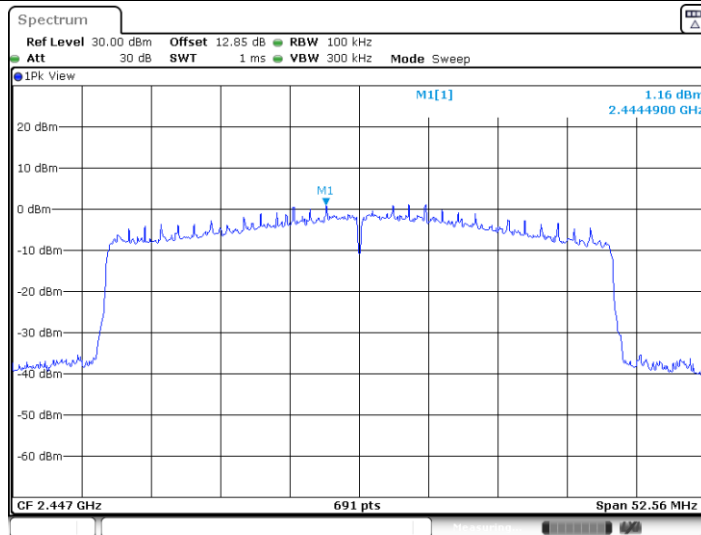
Date: 29.MAR.2023 12:37:57



11AX40MIMO\_Ant3\_2447

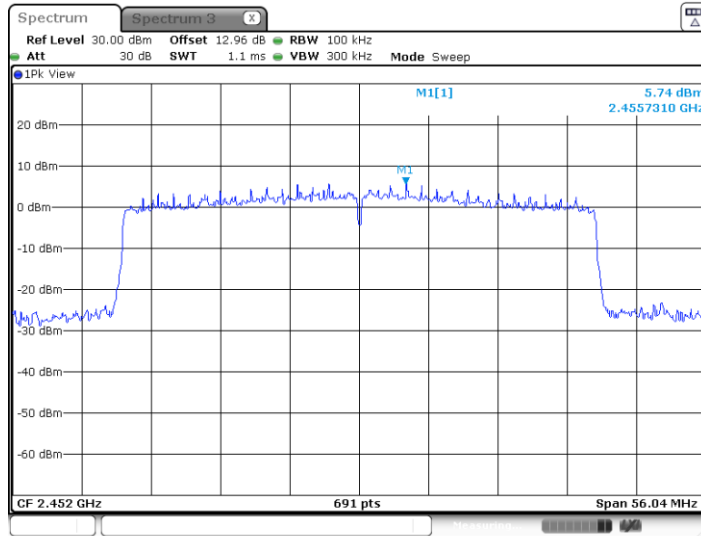


11AX40MIMO\_Ant8\_2447



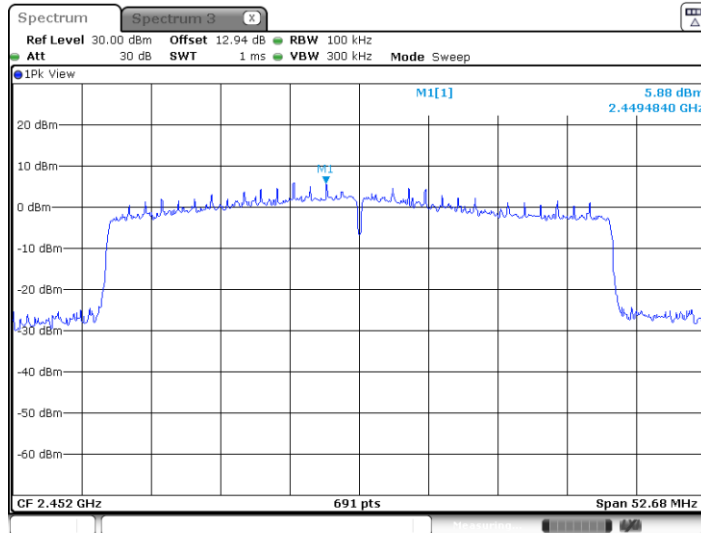


11AX40MIMO\_Ant3\_2452



Date: 13.MAR.2023 16:12:41

11AX40MIMO\_Ant8\_2452



Date: 13.MAR.2023 16:14:38



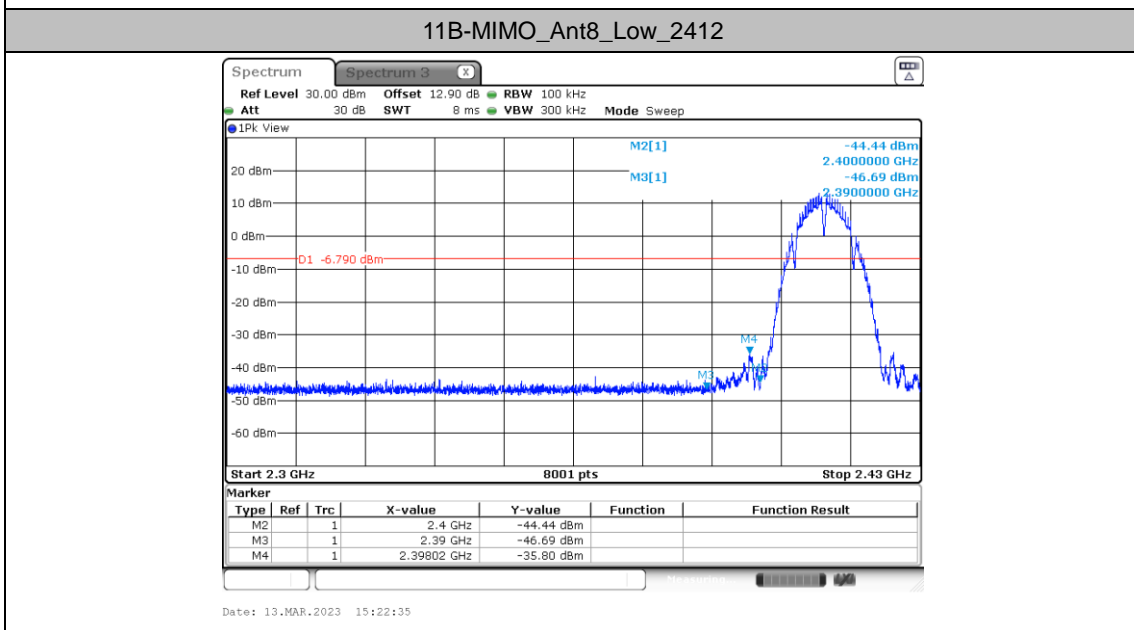
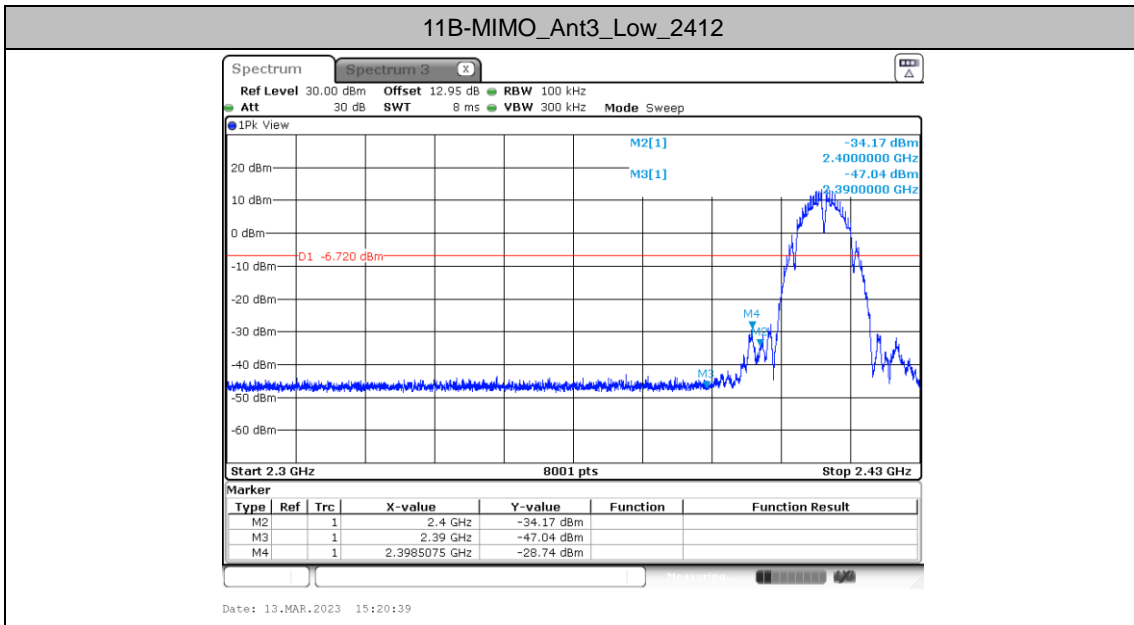
### Band edge measurements

#### Test Result

TestMode	Antenna	Channel Name	Freq(MHz)	RefLevel[dBm/100KHz]	Result[dBm/100KHz]	Limit[dBm/100KHz]	Verdict
11B-MIMO	Ant3	Low	2412	13.28	-28.74	≤-6.72	PASS
	Ant8	Low	2412	13.21	-35.8	≤-6.79	PASS
	Ant3	High	2462	12.11	-42.5	≤-7.89	PASS
	Ant8	High	2462	11.77	-38.44	≤-8.23	PASS
11G-MIMO	Ant3	Low	2412	9.56	-20.37	≤-10.44	PASS
	Ant8	Low	2412	9.05	-19.21	≤-10.95	PASS
	Ant3	High	2457	8.71	-39.91	≤-11.29	PASS
	Ant8	High	2457	7.71	-36.14	≤-12.29	PASS
	Ant3	High	2462	8.47	-32.56	≤-11.53	PASS
	Ant8	High	2462	8.40	-23.23	≤-11.6	PASS
11AX20MI MO	Ant3	Low	2412	8.31	-23.47	≤-11.69	PASS
	Ant8	Low	2412	7.97	-21.6	≤-12.03	PASS
	Ant3	High	2452	8.49	-41.39	≤-11.51	PASS
	Ant8	High	2452	7.68	-40.34	≤-12.32	PASS
	Ant3	High	2457	4.02	-41.9	≤-15.98	PASS
	Ant8	High	2457	3.73	-36.53	≤-16.27	PASS
	Ant3	High	2462	8.32	-30.93	≤-11.68	PASS
	Ant8	High	2462	6.93	-27.44	≤-13.07	PASS
11AX40MI MO	Ant3	Low	2422	4.72	-28.18	≤-15.28	PASS
	Ant8	Low	2422	5.39	-23.34	≤-14.61	PASS
	Ant3	High	2442	1.77	-41.83	≤-18.23	PASS
	Ant8	High	2442	1.98	-40.06	≤-18.02	PASS
	Ant3	High	2447	0.93	-40.2	≤-19.07	PASS
	Ant8	High	2447	1.16	-40.95	≤-18.84	PASS
	Ant3	High	2452	5.74	-27.39	≤-14.26	PASS
	Ant8	High	2452	5.88	-28.69	≤-14.12	PASS



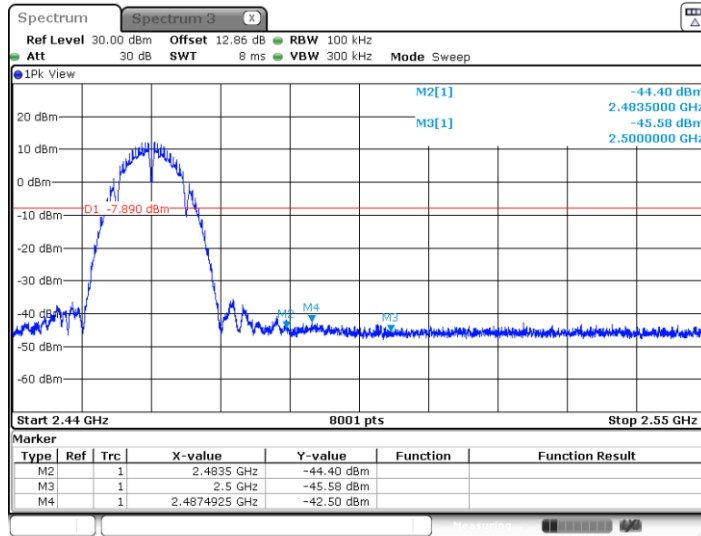
Test Graphs





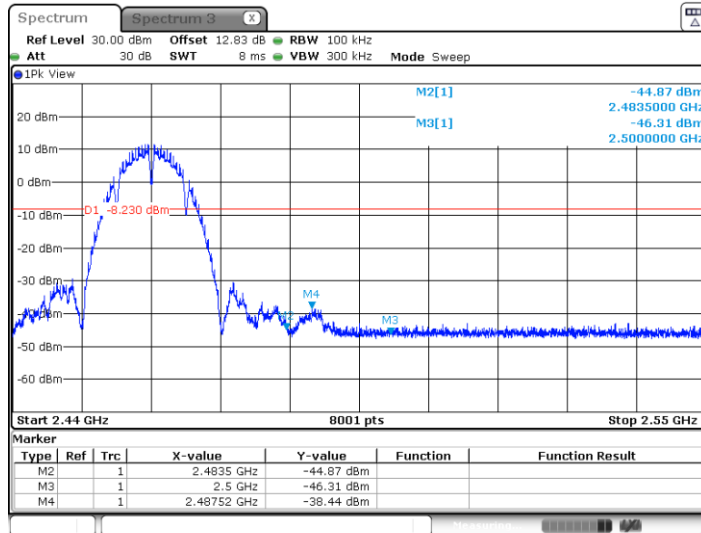


11B-MIMO\_Ant3\_High\_2462



Date: 13.MAR.2023 15:29:01

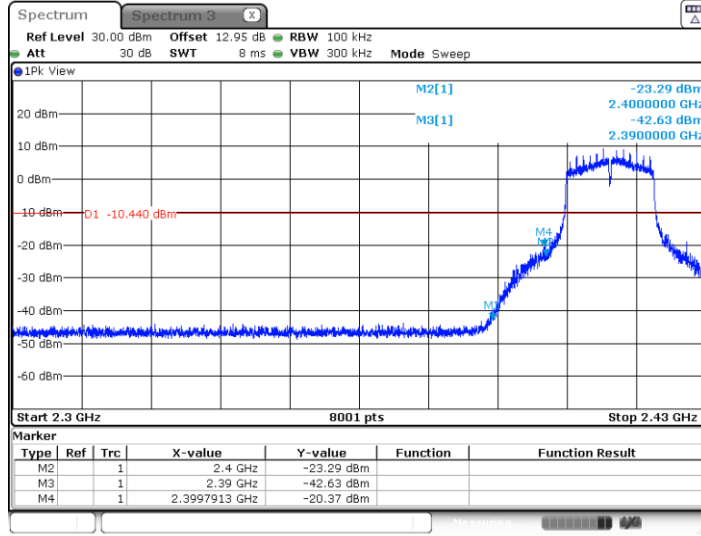
11B-MIMO\_Ant8\_High\_2462



Date: 13.MAR.2023 15:30:54

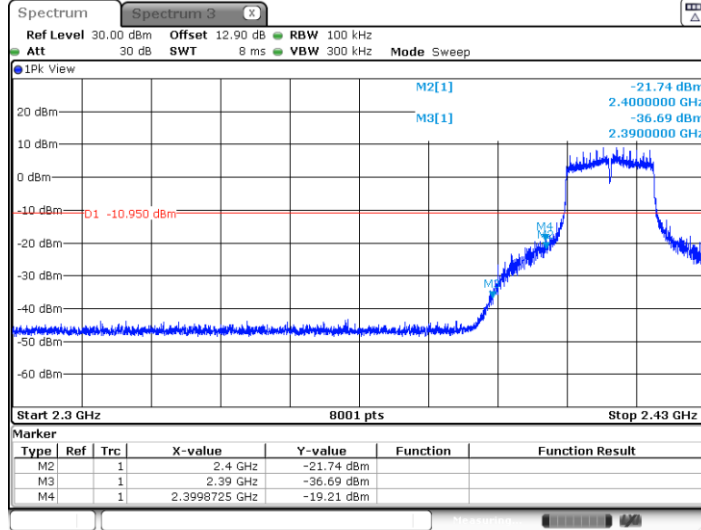


11G-MIMO\_Ant3\_Low\_2412



Date: 13.MAR.2023 15:33:41

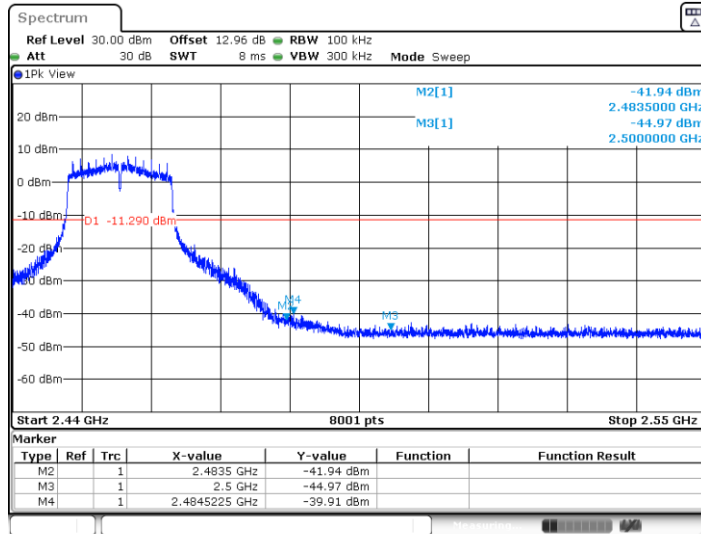
11G-MIMO\_Ant8\_Low\_2412



Date: 13.MAR.2023 15:35:28

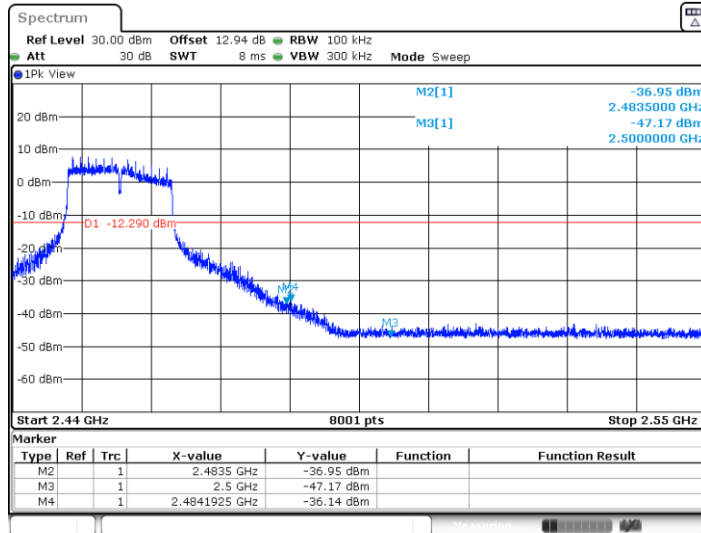


11G-MIMO\_Ant3\_High\_2457



Date: 29.MAR.2023 12:07:13

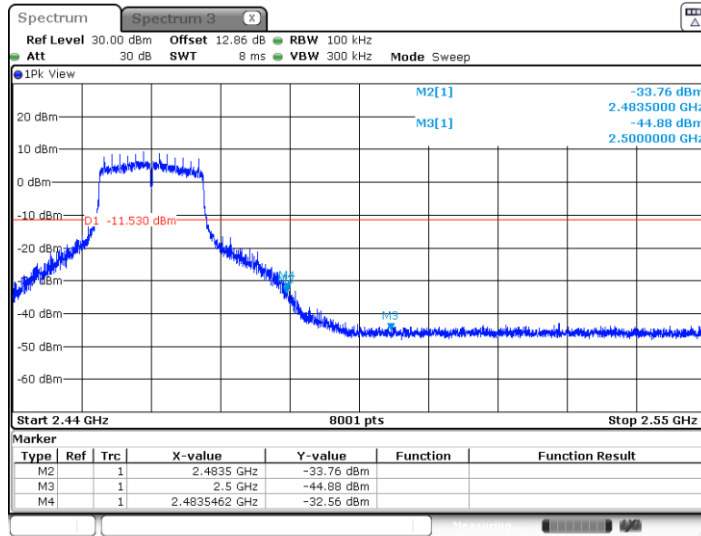
11G-MIMO\_Ant8\_High\_2457



Date: 29.MAR.2023 12:09:06

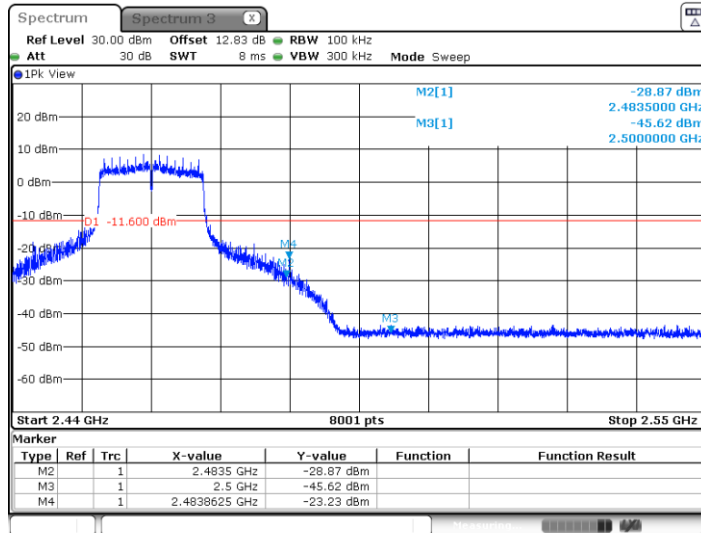


11G-MIMO\_Ant3\_High\_2462

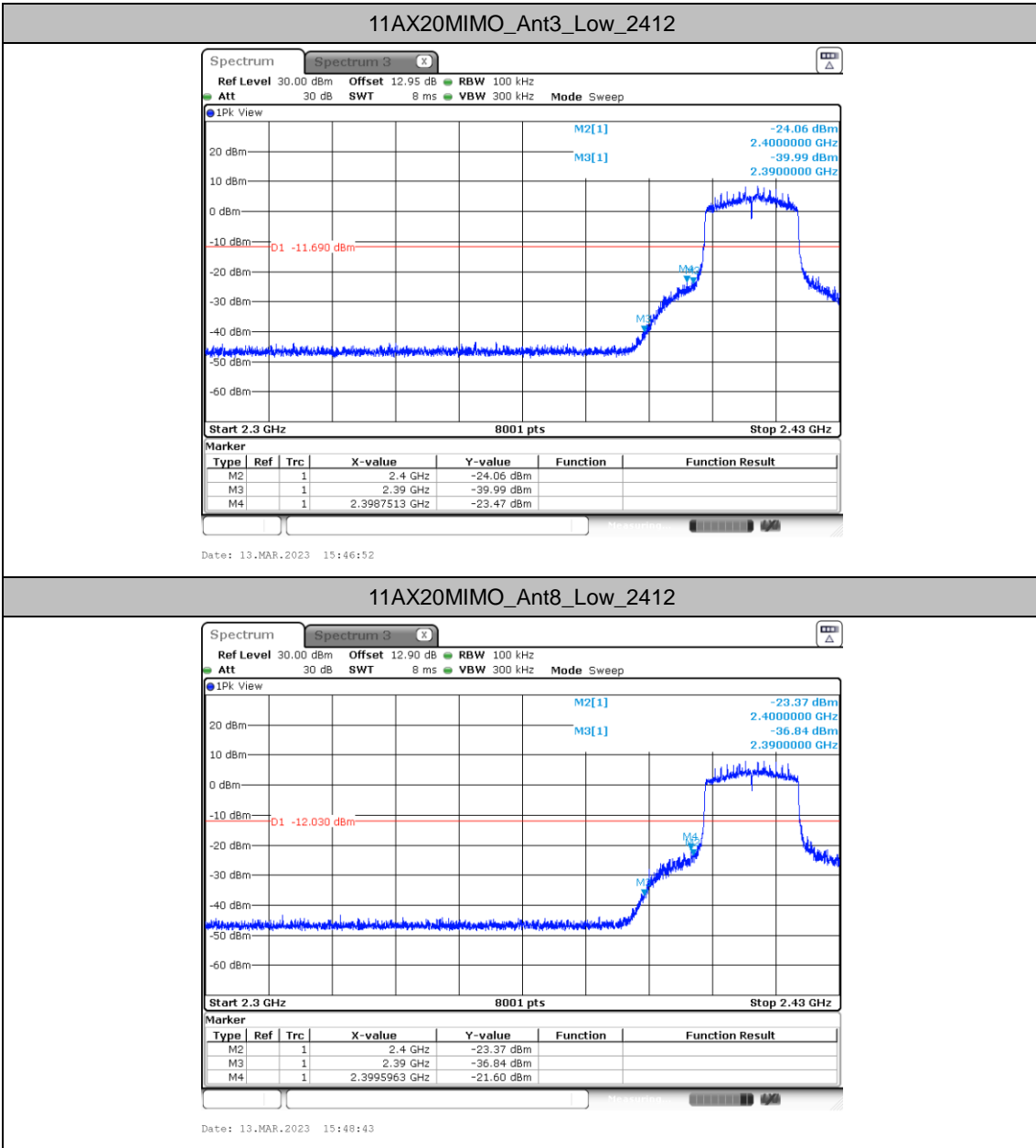


Date: 13.MAR.2023 15:41:15

11G-MIMO\_Ant8\_High\_2462

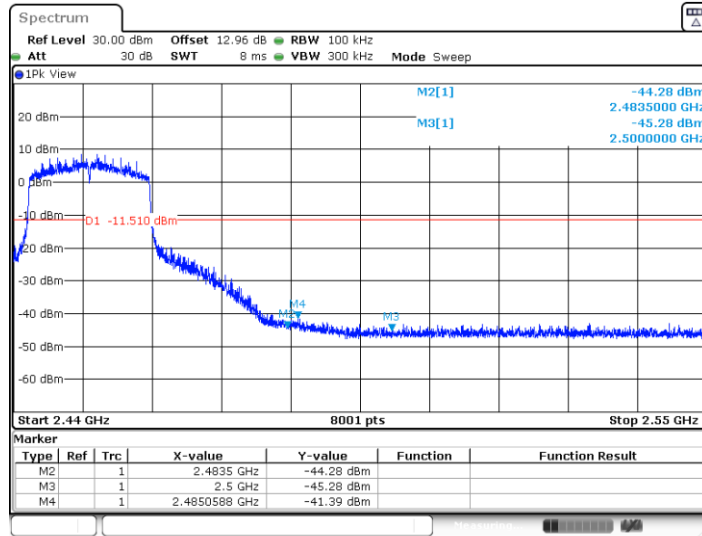


Date: 13.MAR.2023 15:43:08



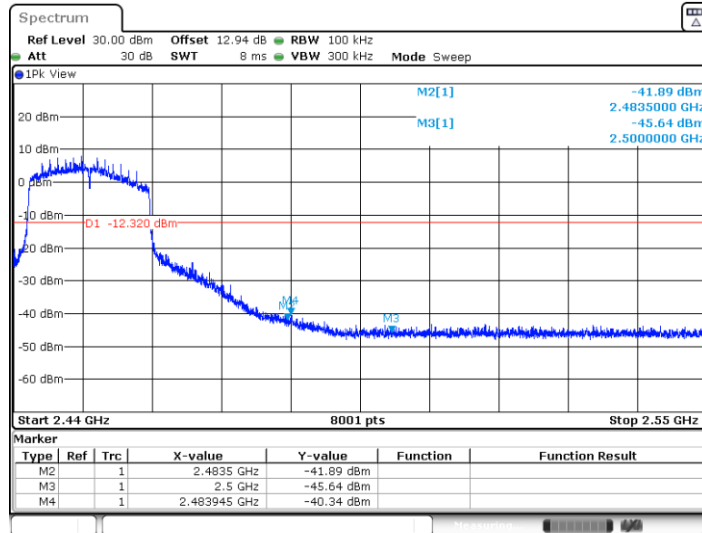


11AX20MIMO\_Ant3\_High\_2452



Date: 29.MAR.2023 12:13:04

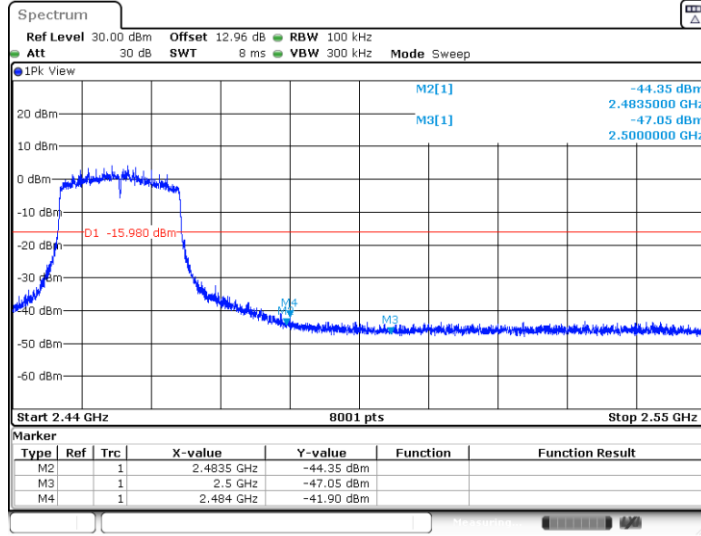
11AX20MIMO\_Ant8\_High\_2452



Date: 29.MAR.2023 12:14:56

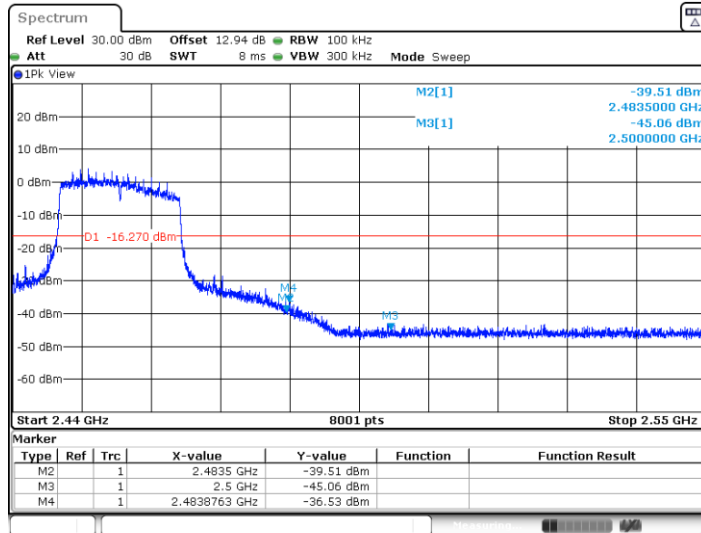


11AX20MIMO\_Ant3\_High\_2457



Date: 29.MAR.2023 12:31:01

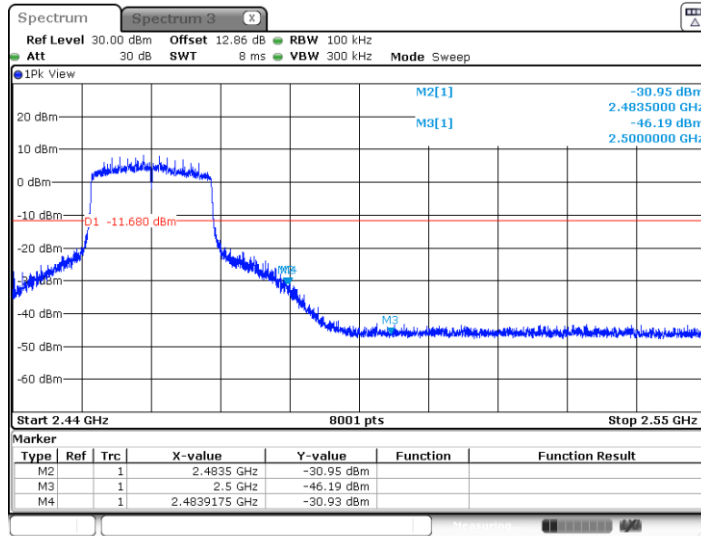
11AX20MIMO\_Ant8\_High\_2457



Date: 29.MAR.2023 12:32:56

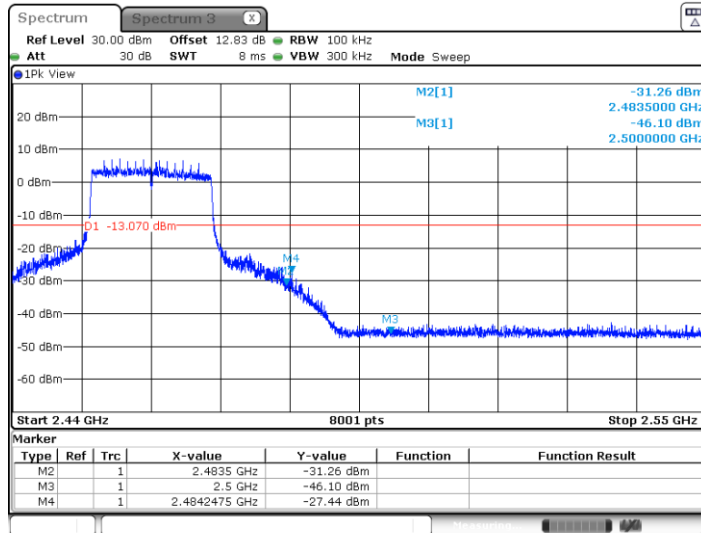


11AX20MIMO\_Ant3\_High\_2462



Date: 13.MAR.2023 15:59:17

11AX20MIMO\_Ant8\_High\_2462

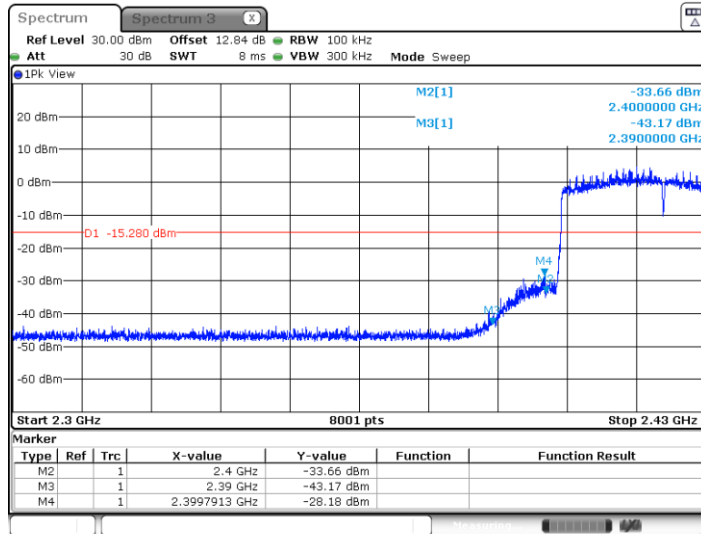


Date: 13.MAR.2023 16:01:15



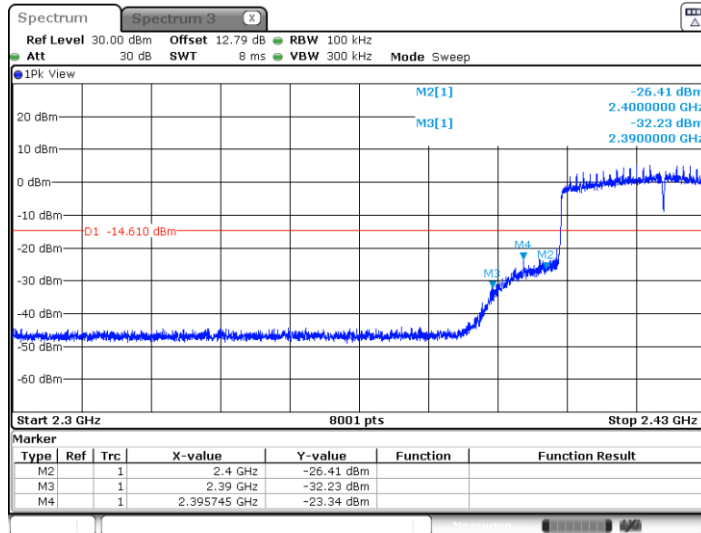


11AX40MIMO\_Ant3\_Low\_2422



Date: 13.MAR.2023 16:04:08

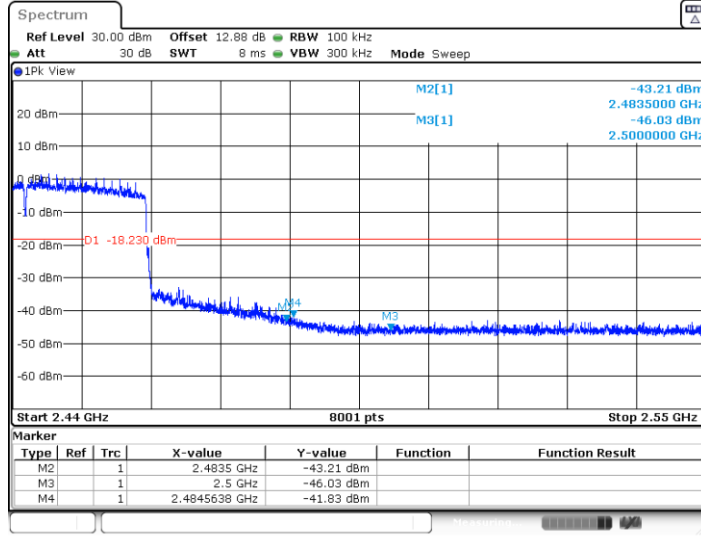
11AX40MIMO\_Ant8\_Low\_2422



Date: 13.MAR.2023 16:05:59

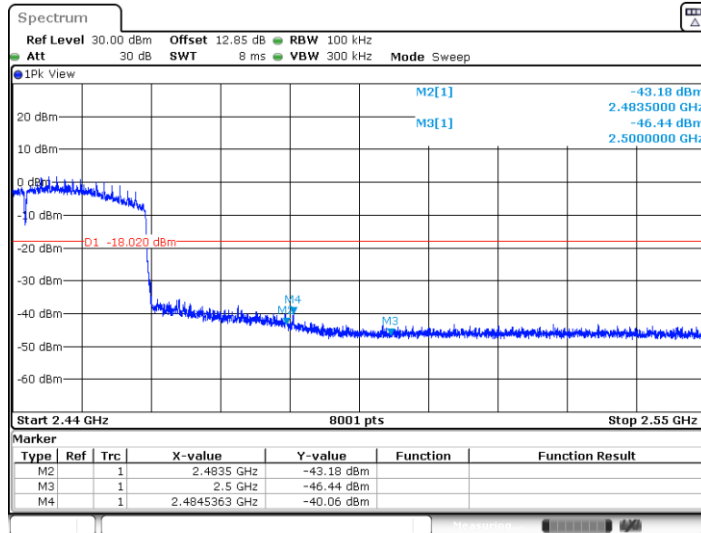


11AX40MIMO\_Ant3\_High\_2442



Date: 29.MAR.2023 12:36:32

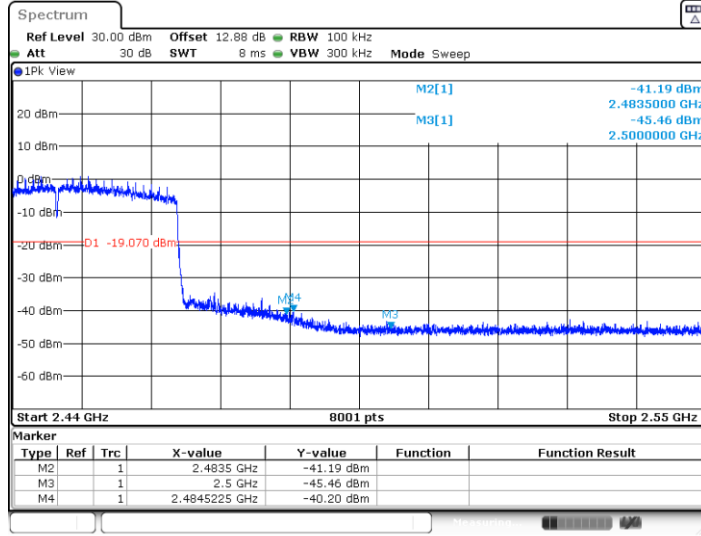
11AX40MIMO\_Ant8\_High\_2442



Date: 29.MAR.2023 12:38:17

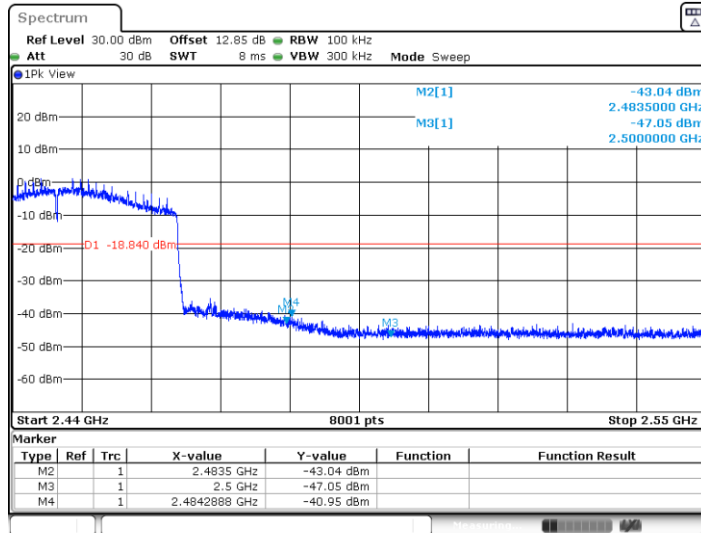


11AX40MIMO\_Ant3\_High\_2447



Date: 29.MAR.2023 12:40:41

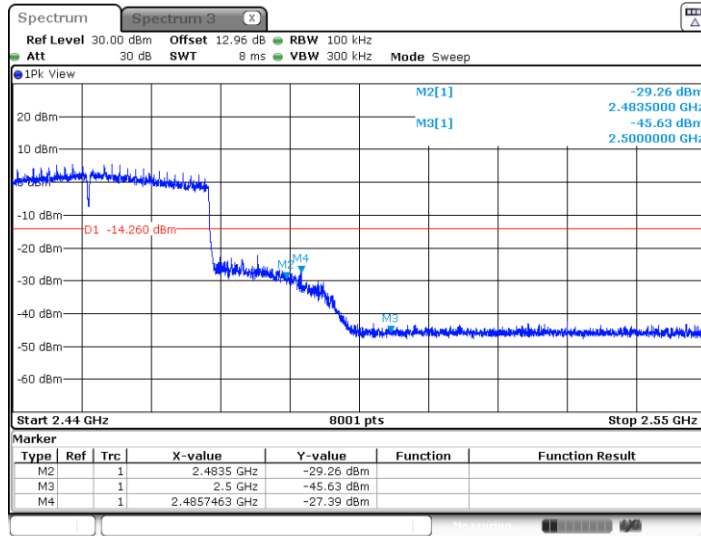
11AX40MIMO\_Ant8\_High\_2447



Date: 29.MAR.2023 12:42:33

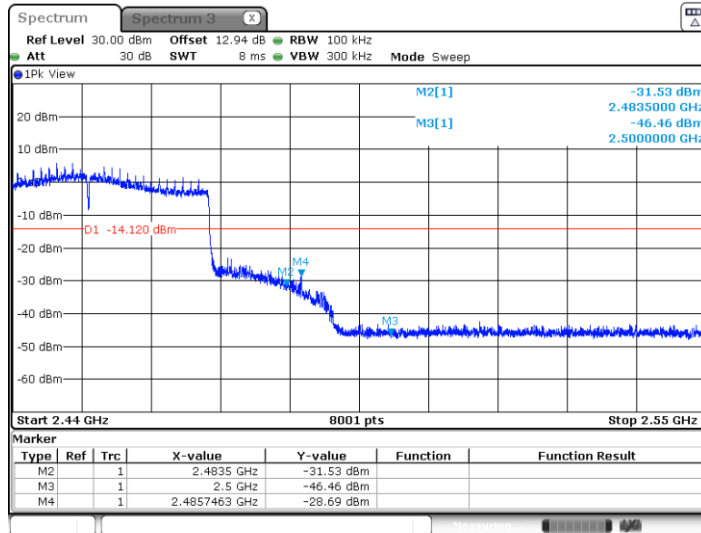


11AX40MIMO\_Ant3\_High\_2452



Date: 13.MAR.2023 16:13:00

11AX40MIMO\_Ant8\_High\_2452



Date: 13.MAR.2023 16:14:59



## Conducted Spurious Emission

### Test Result

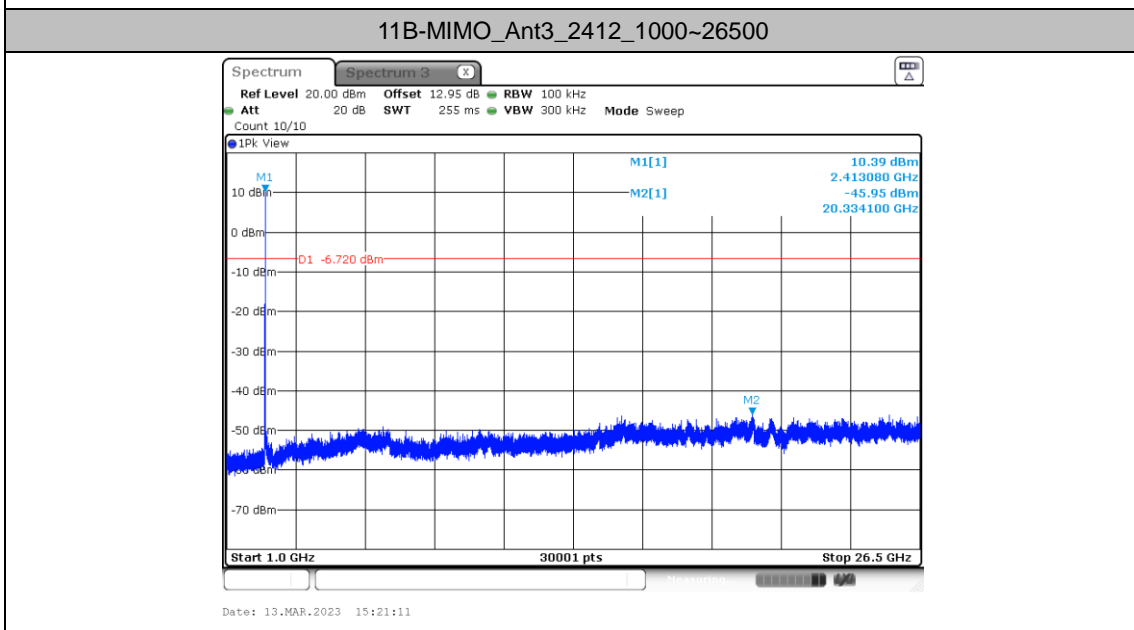
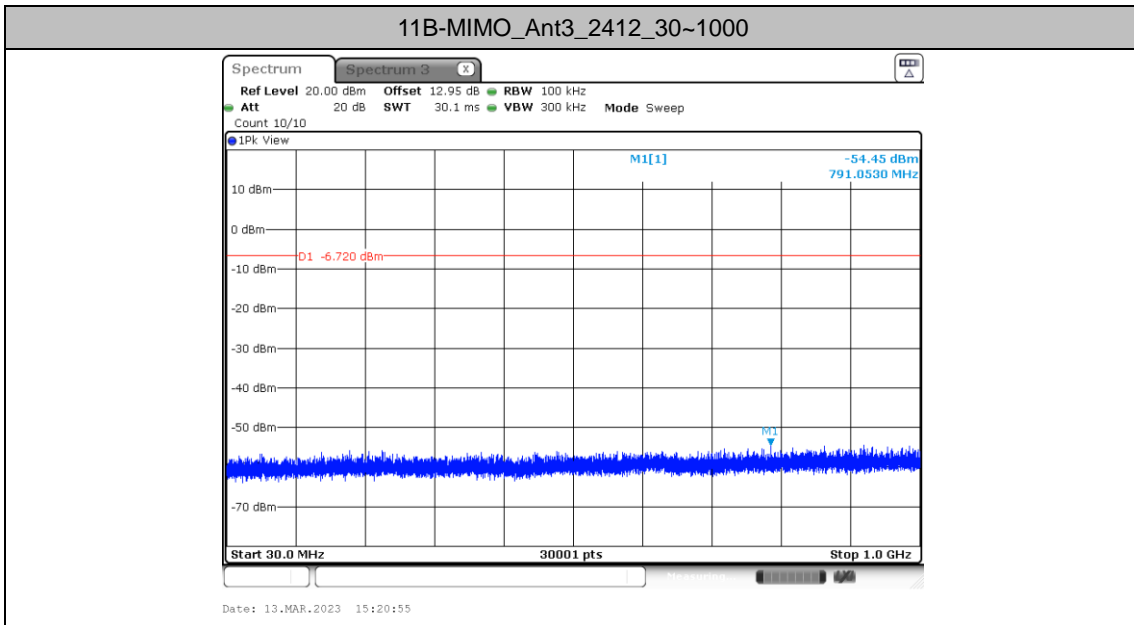
TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
11B-MIMO	Ant3	2412	30~1000	13.28	-54.45	≤-6.72	PASS
			1000~26500	13.28	-45.95	≤-6.72	PASS
	Ant8	2412	30~1000	13.21	-54.47	≤-6.79	PASS
			1000~26500	13.21	-44.15	≤-6.79	PASS
	Ant3	2437	30~1000	12.27	-54.12	≤-7.73	PASS
			1000~26500	12.27	-45.9	≤-7.73	PASS
	Ant8	2437	30~1000	12.76	-54.48	≤-7.24	PASS
			1000~26500	12.76	-45.67	≤-7.24	PASS
	Ant3	2462	30~1000	12.11	-54.06	≤-7.89	PASS
			1000~26500	12.11	-45.12	≤-7.89	PASS
	Ant8	2462	30~1000	11.77	-54.37	≤-8.23	PASS
			1000~26500	11.77	-45	≤-8.23	PASS
11G-MIMO	Ant3	2412	30~1000	9.56	-54.29	≤-10.44	PASS
			1000~26500	9.56	-45.76	≤-10.44	PASS
	Ant8	2412	30~1000	9.05	-54.32	≤-10.95	PASS
			1000~26500	9.05	-45.55	≤-10.95	PASS
	Ant3	2437	30~1000	9.10	-54.14	≤-10.9	PASS
			1000~26500	9.10	-46.5	≤-10.9	PASS
	Ant8	2437	30~1000	8.95	-54.85	≤-11.05	PASS
			1000~26500	8.95	-44.52	≤-11.05	PASS
	Ant3	2457	30~1000	8.71	-54.63	≤-11.29	PASS
			1000~26500	8.71	-45.19	≤-11.29	PASS
	Ant8	2457	30~1000	7.71	-54.25	≤-12.29	PASS
			1000~26500	7.71	-45.73	≤-12.29	PASS
Ant3	2462	30~1000	8.47	-54	≤-11.53	PASS	
		1000~26500	8.47	-45.49	≤-11.53	PASS	
Ant8	2462	30~1000	8.40	-52.89	≤-11.6	PASS	
		1000~26500	8.40	-45.23	≤-11.6	PASS	
11AX20MIMO	Ant3	2412	30~1000	8.31	-54.33	≤-11.69	PASS
			1000~26500	8.31	-45.59	≤-11.69	PASS
	Ant8	2412	30~1000	7.97	-53.6	≤-12.03	PASS
			1000~26500	7.97	-46.24	≤-12.03	PASS
	Ant3	2437	30~1000	7.96	-54.72	≤-12.04	PASS
			1000~26500	7.96	-45.6	≤-12.04	PASS
	Ant8	2437	30~1000	7.42	-54.55	≤-12.58	PASS
			1000~26500	7.42	-45.98	≤-12.58	PASS
	Ant3	2452	30~1000	8.49	-54.97	≤-11.51	PASS
			1000~26500	8.49	-45.78	≤-11.51	PASS
	Ant8	2452	30~1000	7.68	-53.77	≤-12.32	PASS
			1000~26500	7.68	-44.17	≤-12.32	PASS
Ant3	2457	30~1000	4.02	-54.8	≤-15.98	PASS	
		1000~26500	4.02	-46.35	≤-15.98	PASS	
Ant8	2457	30~1000	3.73	-53.39	≤-16.27	PASS	



	Ant3	2462	1000~26500	3.73	-45.63	≤-16.27	PASS
			30~1000	8.32	-54.17	≤-11.68	PASS
	Ant8	2462	1000~26500	8.32	-45.79	≤-11.68	PASS
			30~1000	6.93	-53.72	≤-13.07	PASS
	Ant8	2462	1000~26500	6.93	-44.48	≤-13.07	PASS
			30~1000	4.72	-53.73	≤-15.28	PASS
11AX40MIMO	Ant3	2422	1000~26500	4.72	-45.59	≤-15.28	PASS
			30~1000	5.39	-53.54	≤-14.61	PASS
11AX40MIMO	Ant8	2422	1000~26500	5.39	-46.12	≤-14.61	PASS
			30~1000	5.06	-54.05	≤-14.94	PASS
11AX40MIMO	Ant3	2437	1000~26500	5.06	-45.11	≤-14.94	PASS
			30~1000	4.02	-54.28	≤-15.98	PASS
11AX40MIMO	Ant8	2437	1000~26500	4.02	-45.69	≤-15.98	PASS
			30~1000	1.77	-54.97	≤-18.23	PASS
11AX40MIMO	Ant3	2442	1000~26500	1.77	-45.69	≤-18.23	PASS
			30~1000	1.98	-54.37	≤-18.02	PASS
11AX40MIMO	Ant8	2442	1000~26500	1.98	-45.86	≤-18.02	PASS
			30~1000	0.93	-54.27	≤-19.07	PASS
11AX40MIMO	Ant3	2447	1000~26500	0.93	-46.07	≤-19.07	PASS
			30~1000	1.16	-54.84	≤-18.84	PASS
11AX40MIMO	Ant8	2447	1000~26500	1.16	-45.12	≤-18.84	PASS
			30~1000	5.74	-54.12	≤-14.26	PASS
11AX40MIMO	Ant3	2452	1000~26500	5.74	-46.28	≤-14.26	PASS
			30~1000	5.88	-54.21	≤-14.12	PASS
11AX40MIMO	Ant8	2452	1000~26500	5.88	-46.15	≤-14.12	PASS
			30~1000				

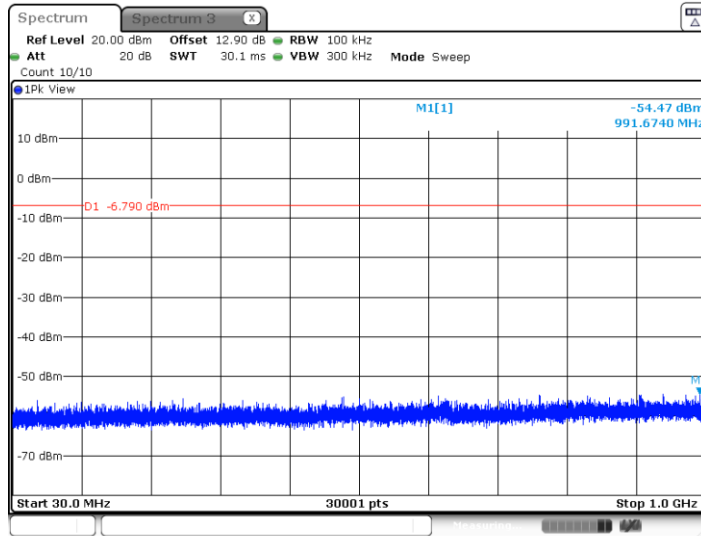


Test Graphs



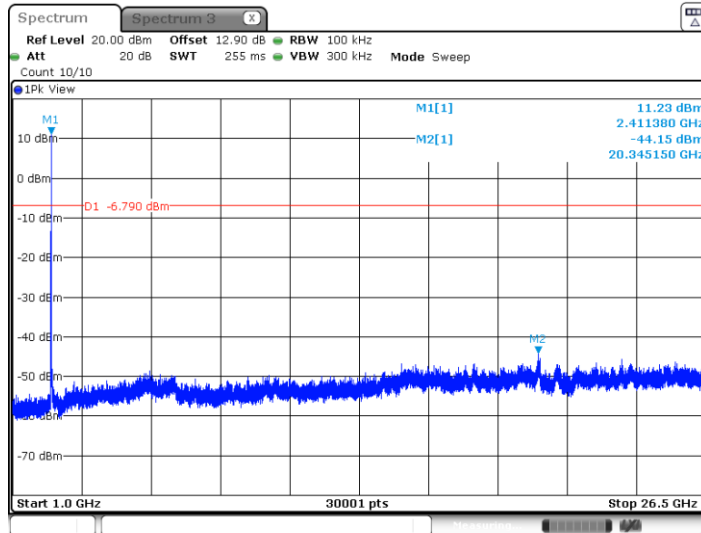


11B-MIMO\_Ant8\_2412\_30~1000



Date: 13.MAR.2023 15:22:52

11B-MIMO\_Ant8\_2412\_1000~26500

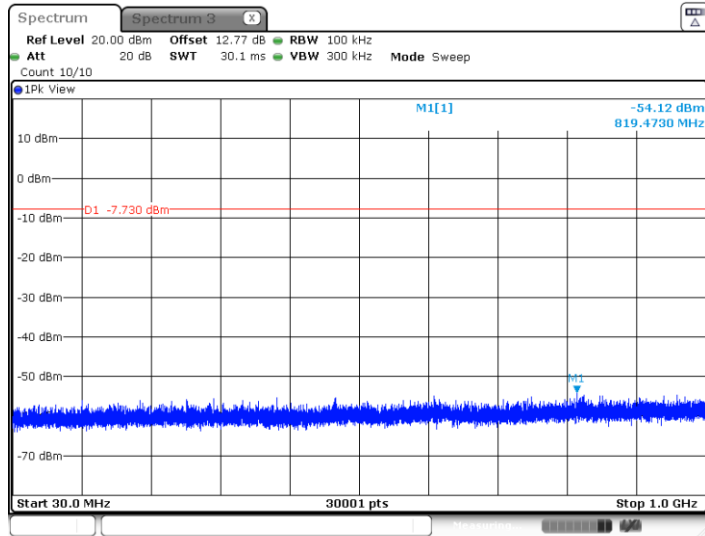


Date: 13.MAR.2023 15:23:07



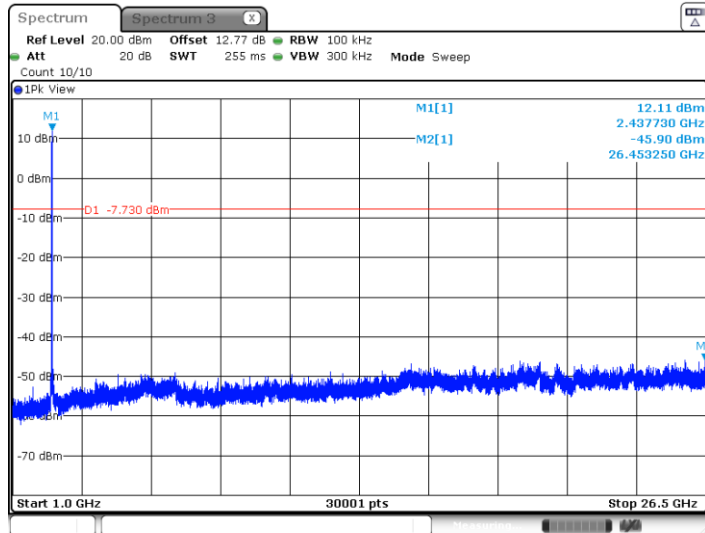


11B-MIMO\_Ant3\_2437\_30~1000



Date: 13.MAR.2023 15:24:39

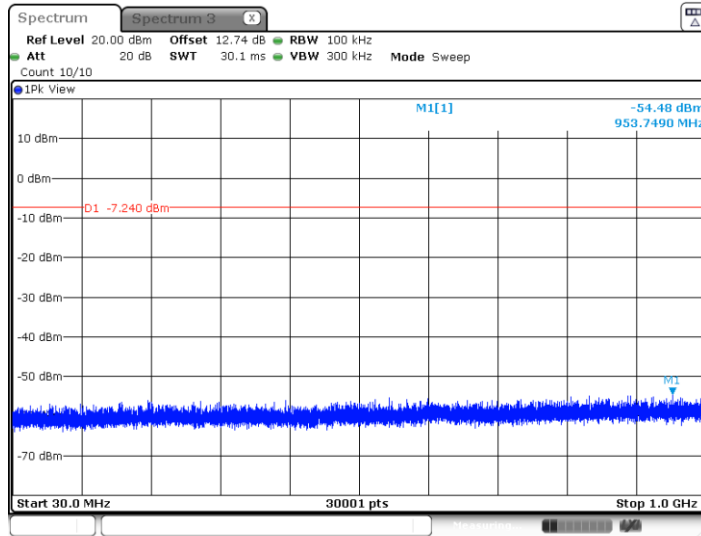
11B-MIMO\_Ant3\_2437\_1000~26500



Date: 13.MAR.2023 15:24:54

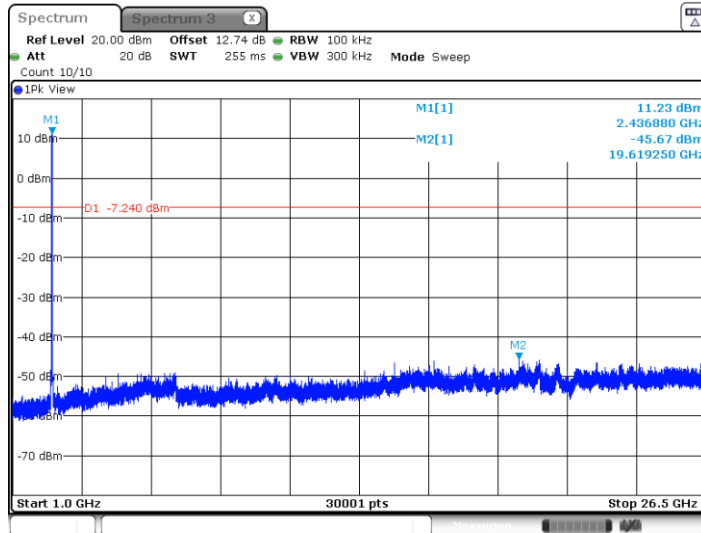


11B-MIMO\_Ant8\_2437\_30~1000



Date: 13.MAR.2023 15:26:12

11B-MIMO\_Ant8\_2437\_1000~26500



Date: 13.MAR.2023 15:26:28