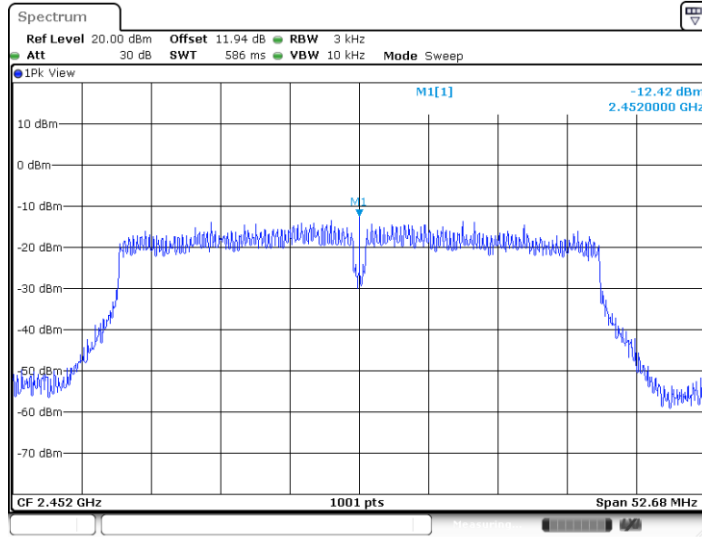
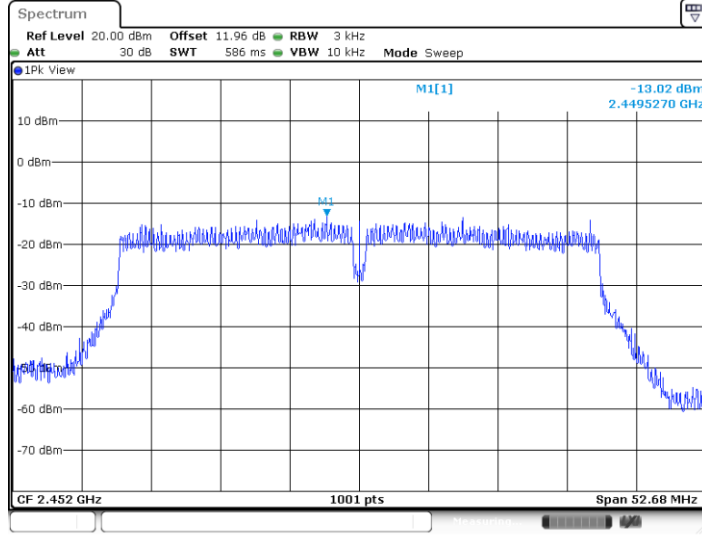




11N40MIMO\_Ant6\_2452



11N40MIMO\_Ant8\_2452





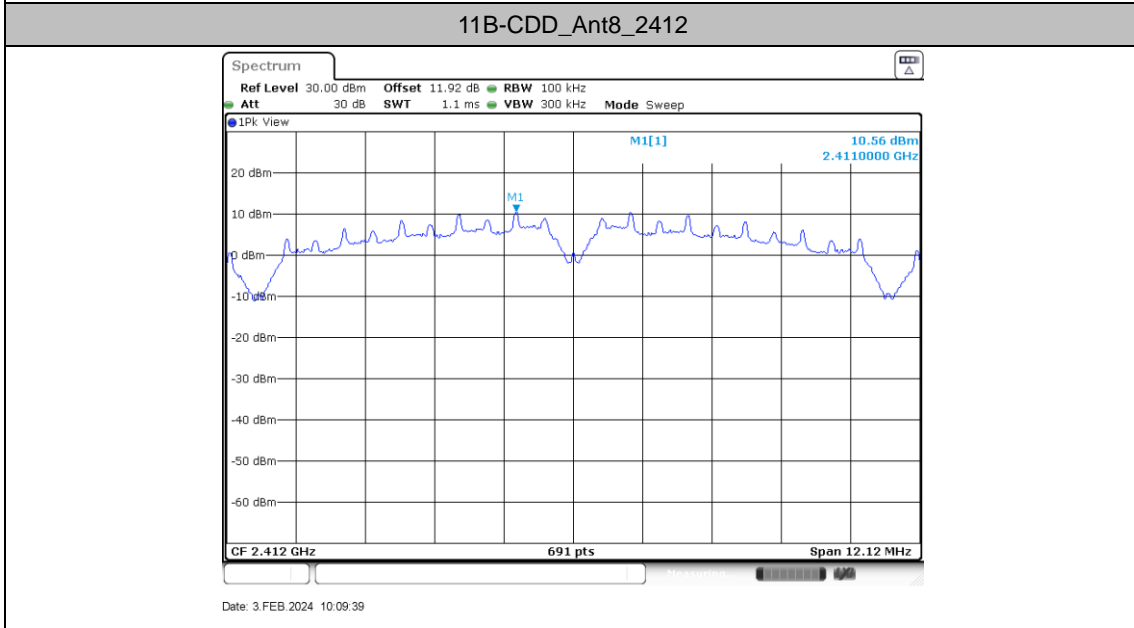
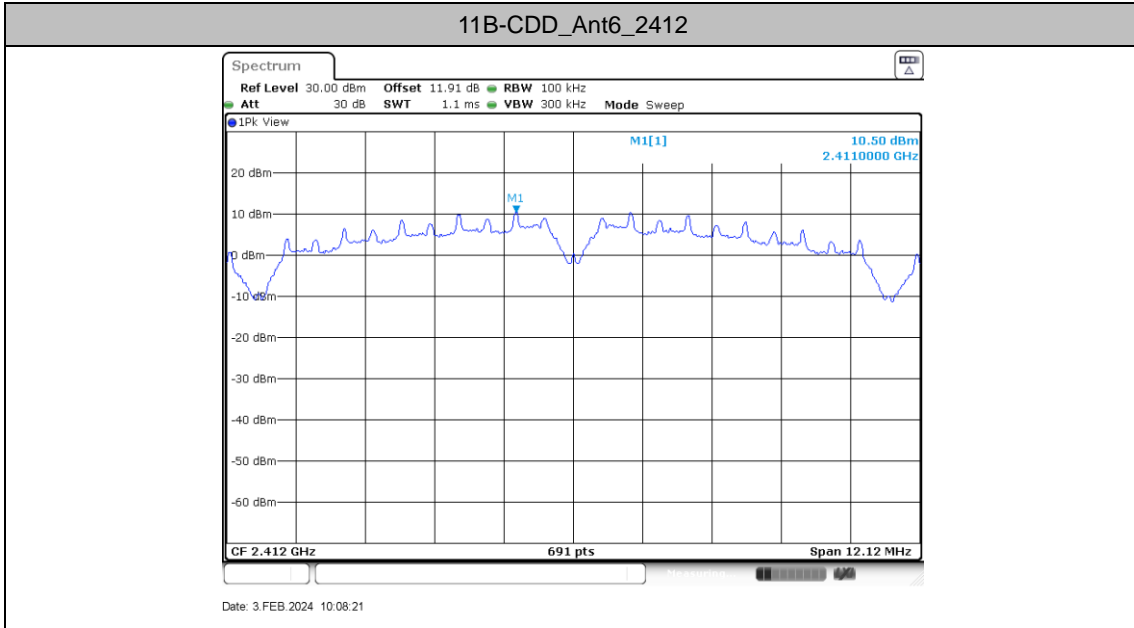
### Reference level measurement

#### Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm/100KHz]
11B-CDD	Ant6	2412	2411.00	10.50
	Ant8	2412	2411.00	10.56
	Ant6	2437	2438.00	10.76
	Ant8	2437	2436.00	10.68
	Ant6	2462	2461.00	10.78
	Ant8	2462	2461.00	10.84
11G-CDD	Ant6	2412	2410.75	8.59
	Ant8	2412	2410.77	8.30
	Ant6	2417	2415.75	7.44
	Ant8	2417	2415.75	7.85
	Ant6	2437	2435.75	8.50
	Ant8	2437	2438.26	8.62
	Ant6	2462	2460.73	8.80
	Ant8	2462	2464.51	8.06
11N20MIMO	Ant6	2412	2410.73	8.47
	Ant8	2412	2410.75	8.58
	Ant6	2437	2435.76	8.32
	Ant8	2437	2438.28	8.52
	Ant6	2462	2455.76	7.39
	Ant8	2462	2467.02	8.36
11N40MIMO	Ant6	2422	2425.78	4.11
	Ant8	2422	2417.01	4.31
	Ant6	2427	2430.75	1.89
	Ant8	2427	2422.01	2.29
	Ant6	2437	2440.74	4.47
	Ant8	2437	2431.99	4.65
	Ant6	2452	2447.05	4.81
	Ant8	2452	2447.05	4.90

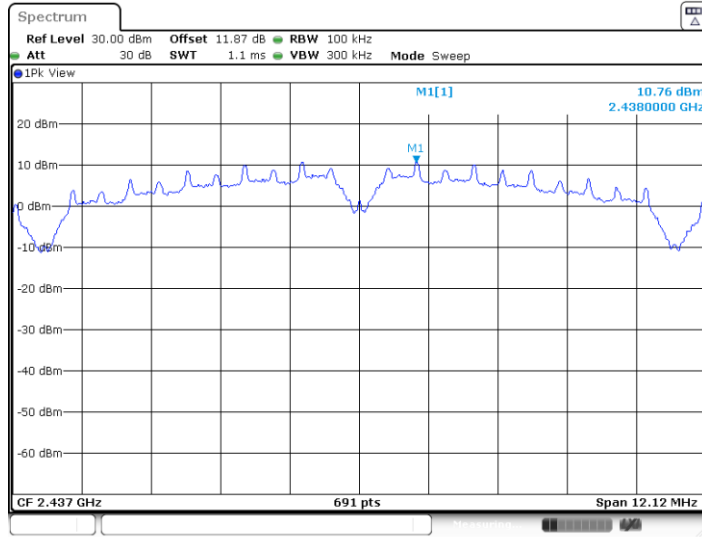


### Test Graphs



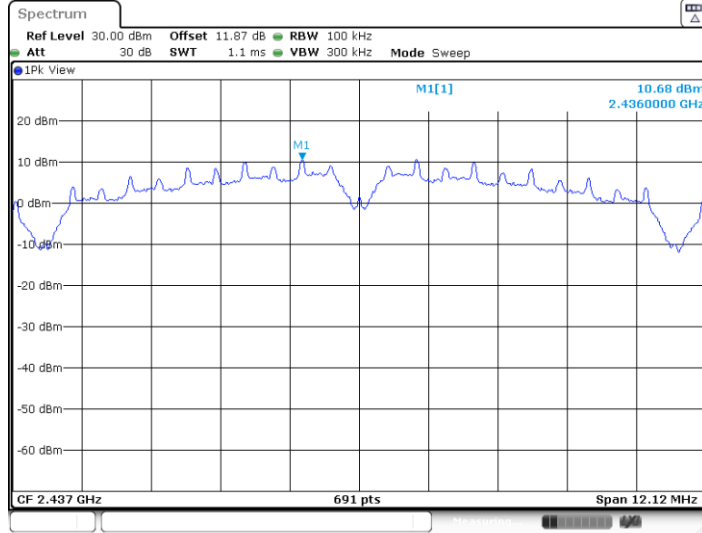


11B-CDD\_Ant6\_2437



Date: 3.FEB.2024 10:11:52

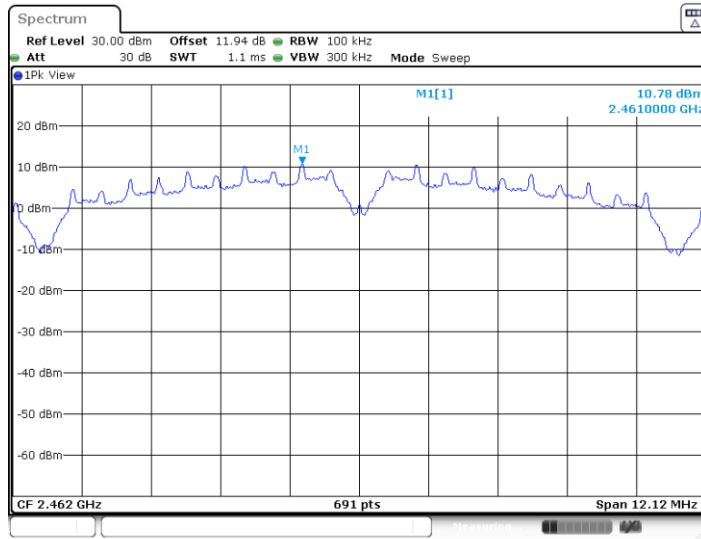
11B-CDD\_Ant8\_2437



Date: 3.FEB.2024 10:12:53

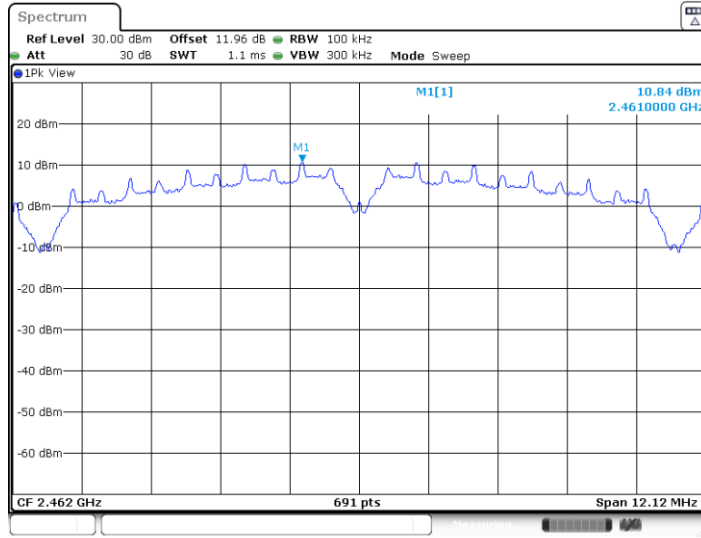


11B-CDD\_Ant6\_2462



Date: 3.FEB.2024 10:14:48

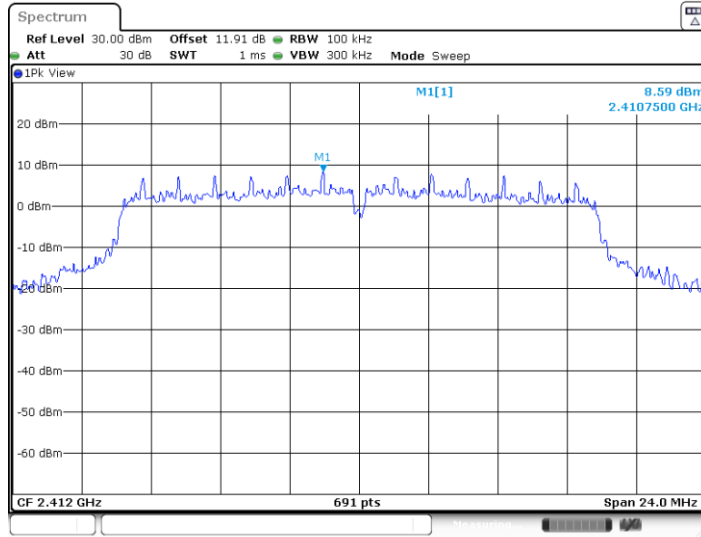
11B-CDD\_Ant8\_2462



Date: 3.FEB.2024 10:16:18

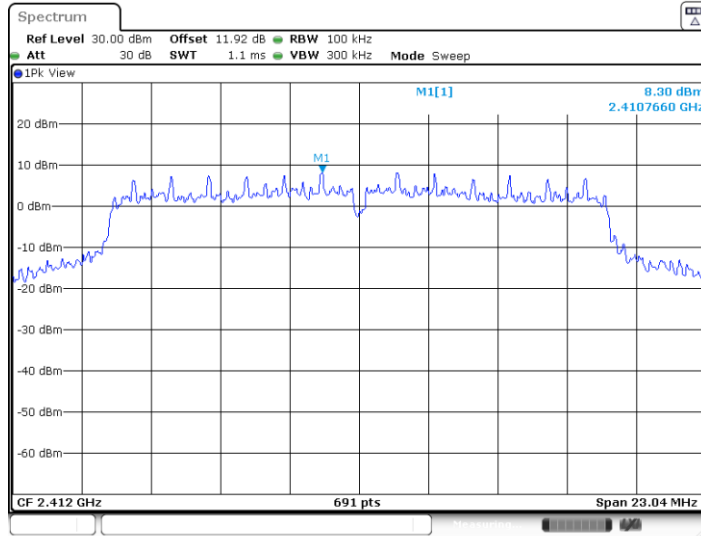


11G-CDD\_Ant6\_2412



Date: 3.FEB.2024 10:17:57

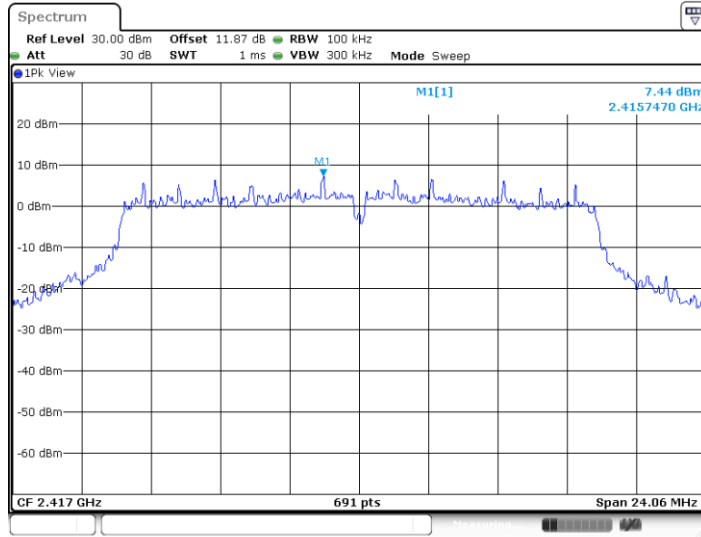
11G-CDD\_Ant8\_2412



Date: 3.FEB.2024 10:19:04

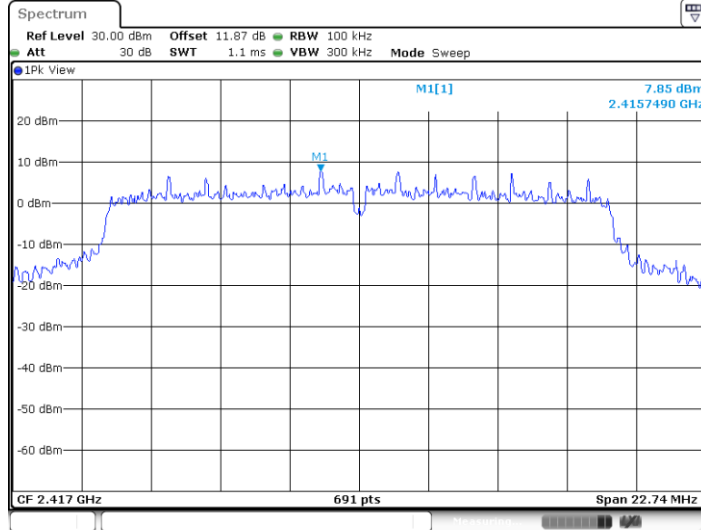


11G-CDD\_Ant6\_2417



Date: 27.FEB.2024 13:48:34

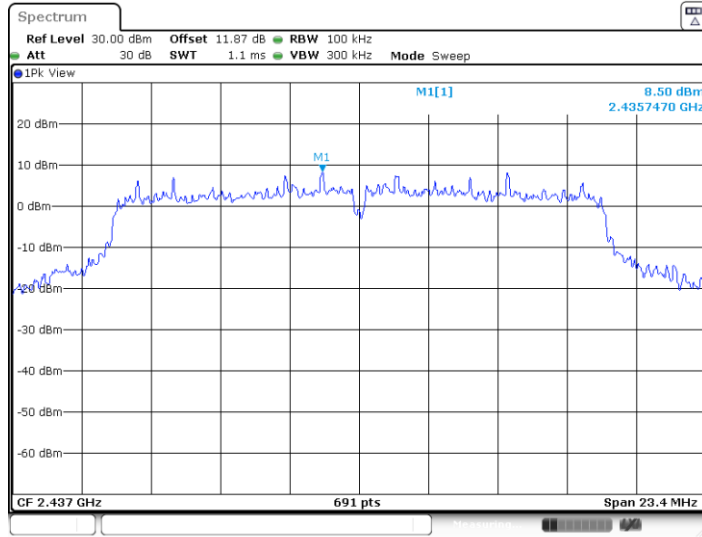
11G-CDD\_Ant8\_2417



Date: 27.FEB.2024 13:49:45

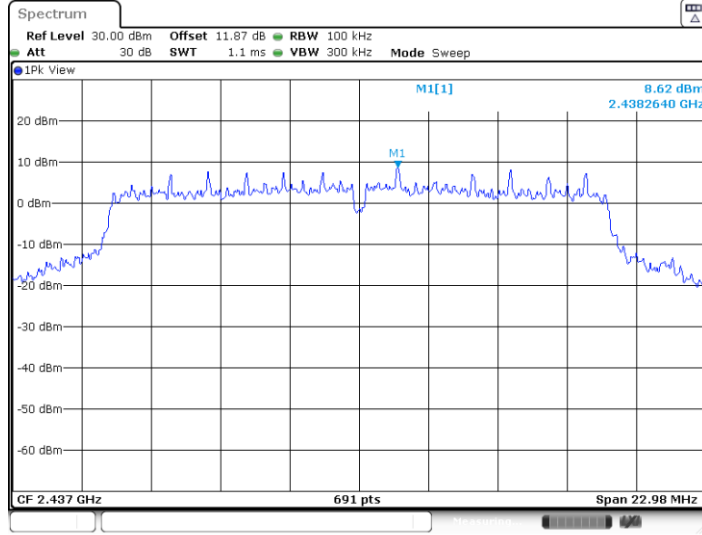


11G-CDD\_Ant6\_2437



Date: 3.FEB.2024 10:20:23

11G-CDD\_Ant8\_2437

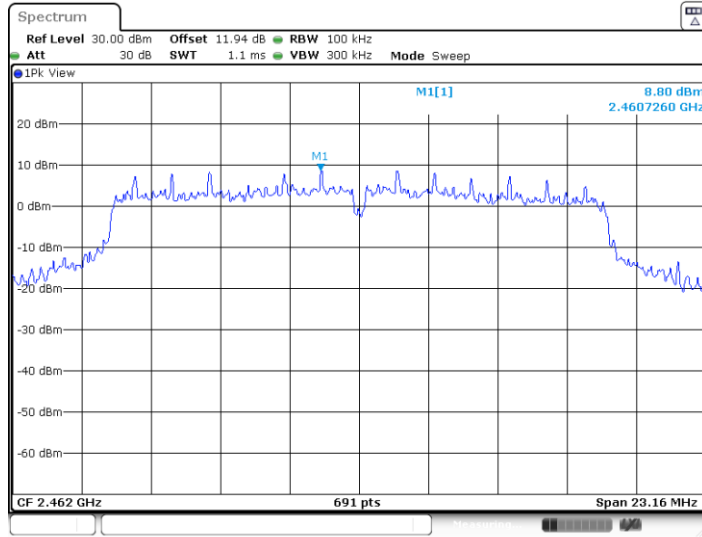


Date: 3.FEB.2024 10:21:16



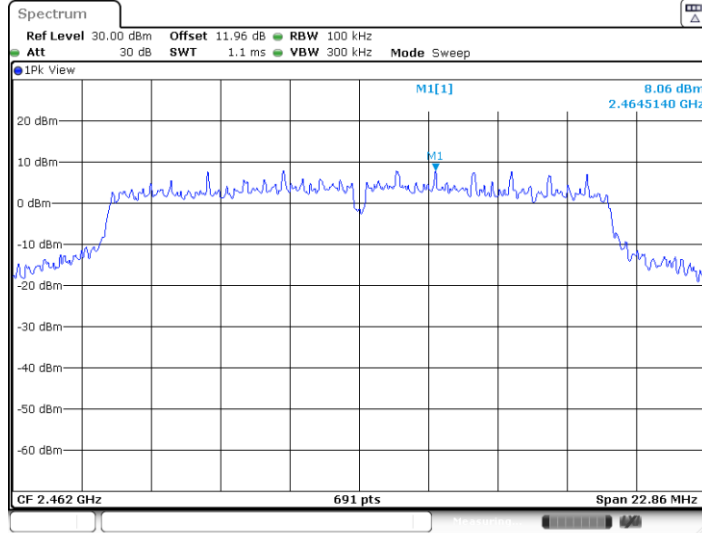


11G-CDD\_Ant6\_2462



Date: 3.FEB.2024 10:22:23

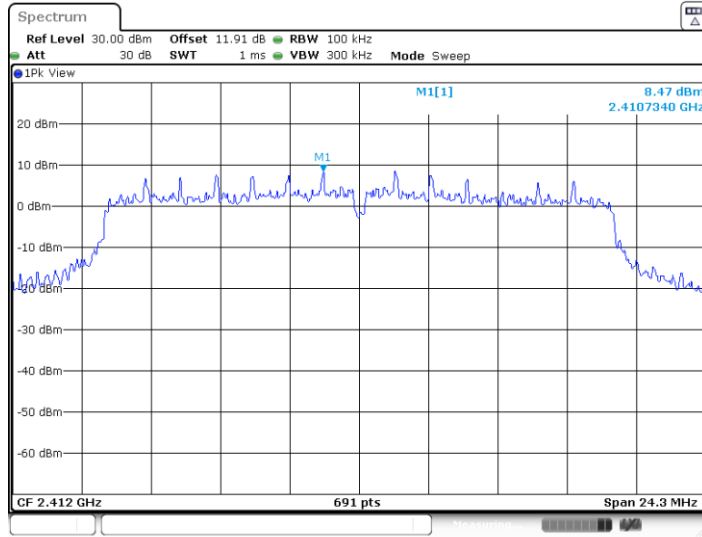
11G-CDD\_Ant8\_2462



Date: 3.FEB.2024 10:23:29

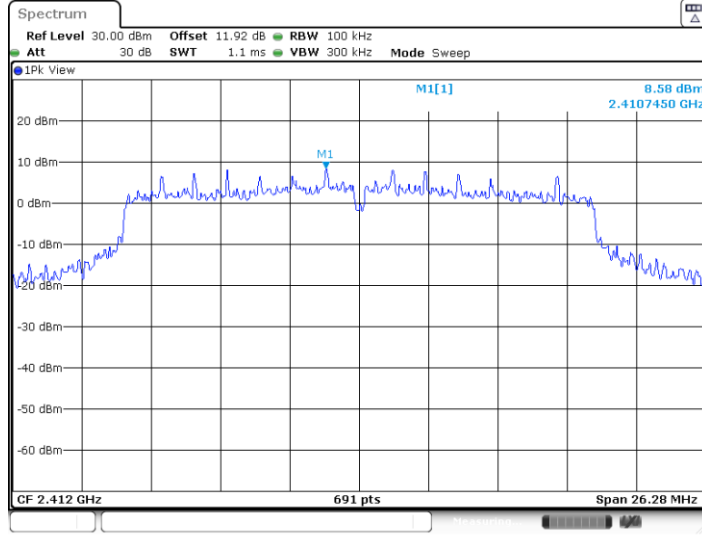


11N20MIMO\_Ant6\_2412



Date: 3.FEB.2024 10:43:47

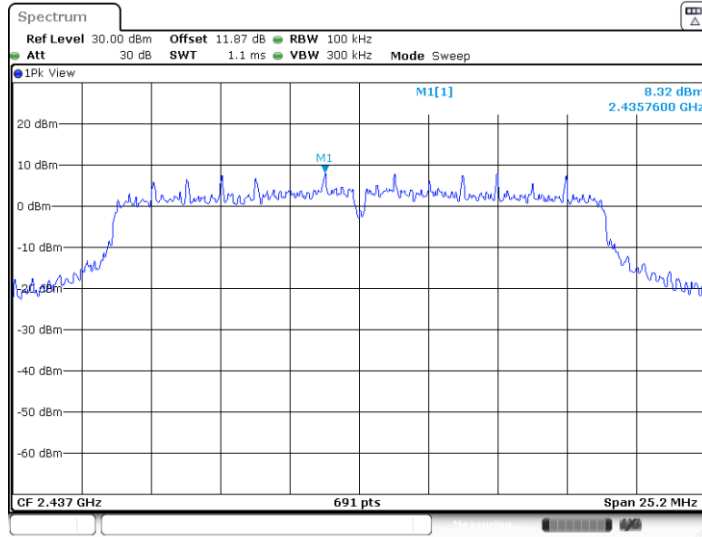
11N20MIMO\_Ant8\_2412



Date: 3.FEB.2024 10:44:53

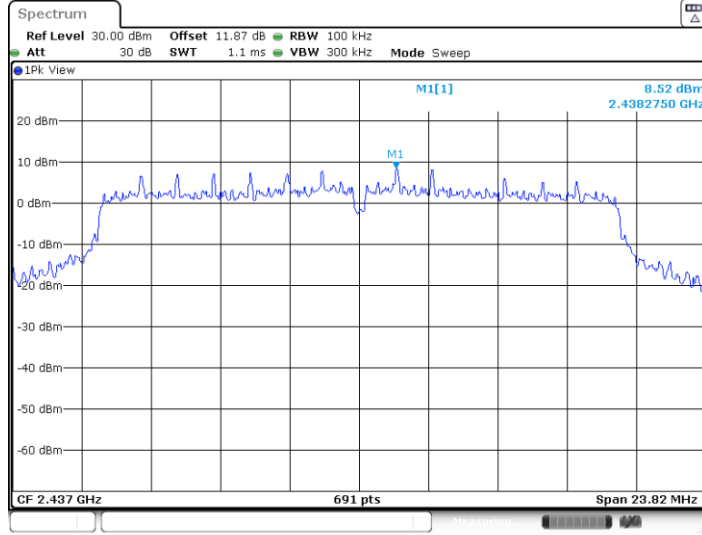


11N20MIMO\_Ant6\_2437



Date: 3.FEB.2024 10:46:09

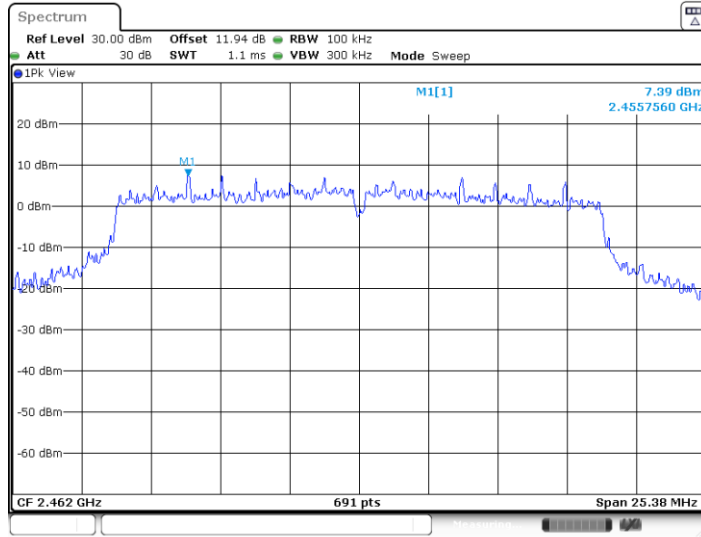
11N20MIMO\_Ant8\_2437



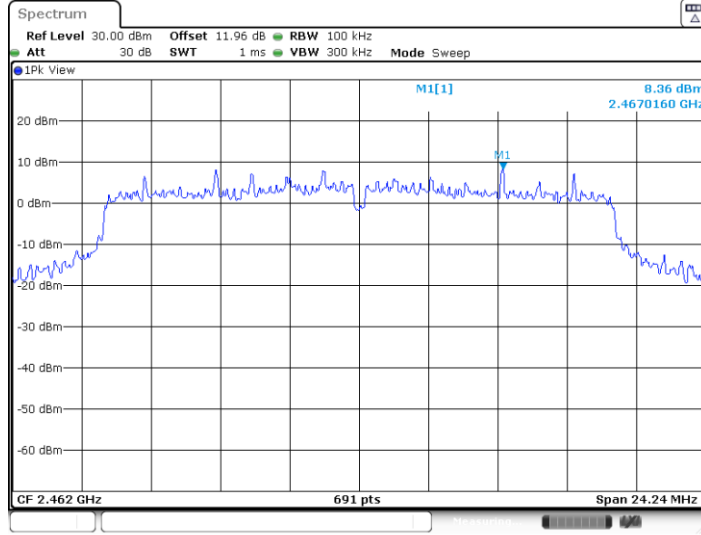
Date: 3.FEB.2024 10:47:02



11N20MIMO\_Ant6\_2462

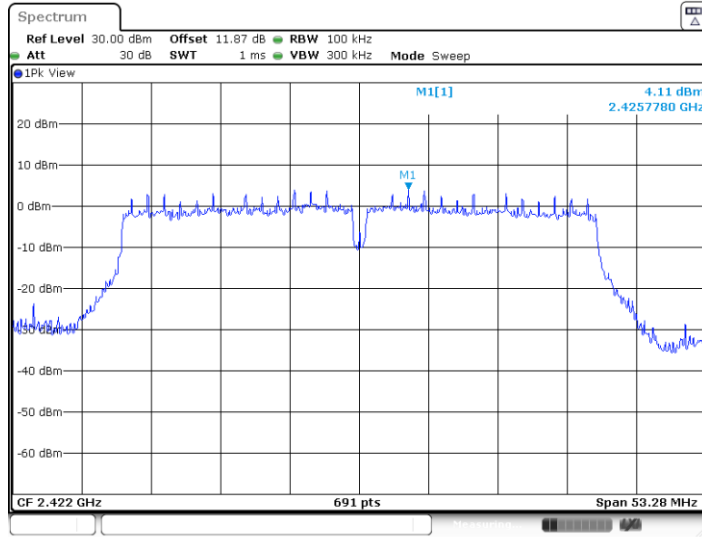


11N20MIMO\_Ant8\_2462



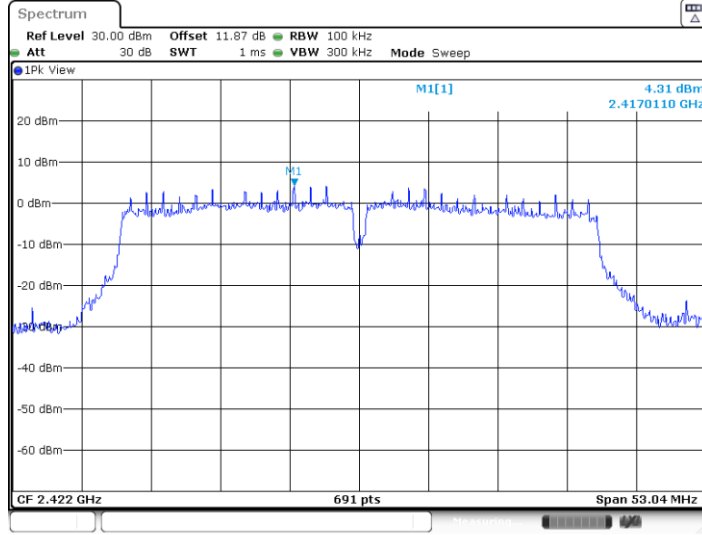


11N40MIMO\_Ant6\_2422



Date: 3.FEB.2024 10:50:45

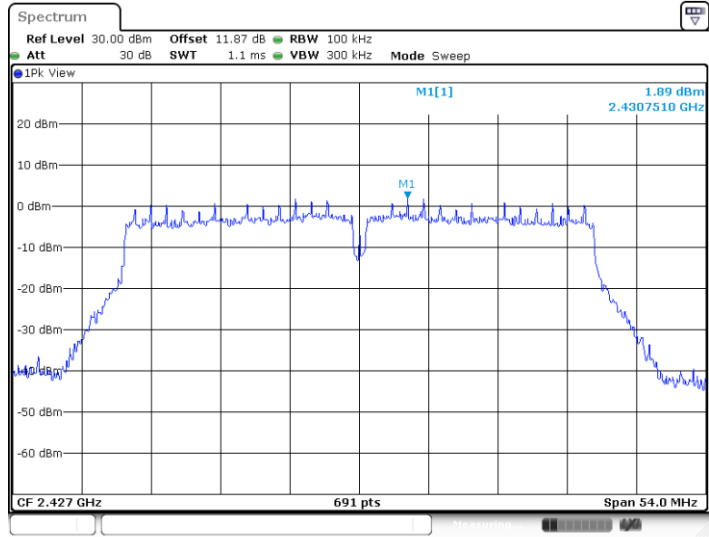
11N40MIMO\_Ant8\_2422



Date: 3.FEB.2024 10:51:51

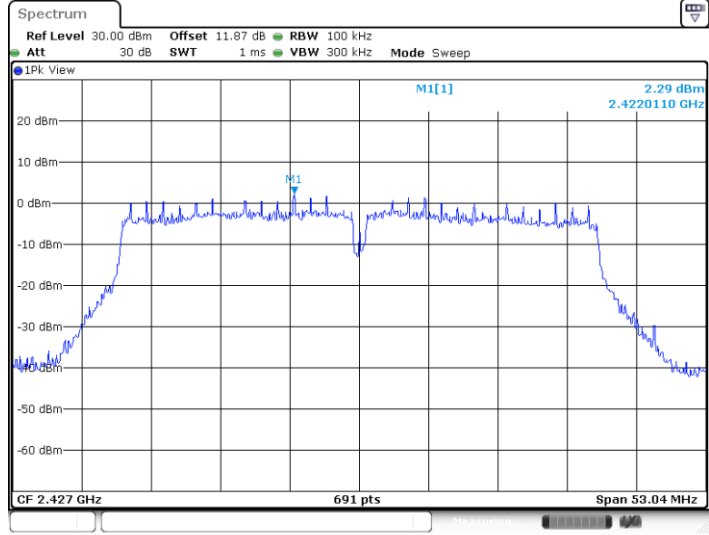


11N40MIMO\_Ant6\_2427



Date: 27.FEB.2024 14:00:30

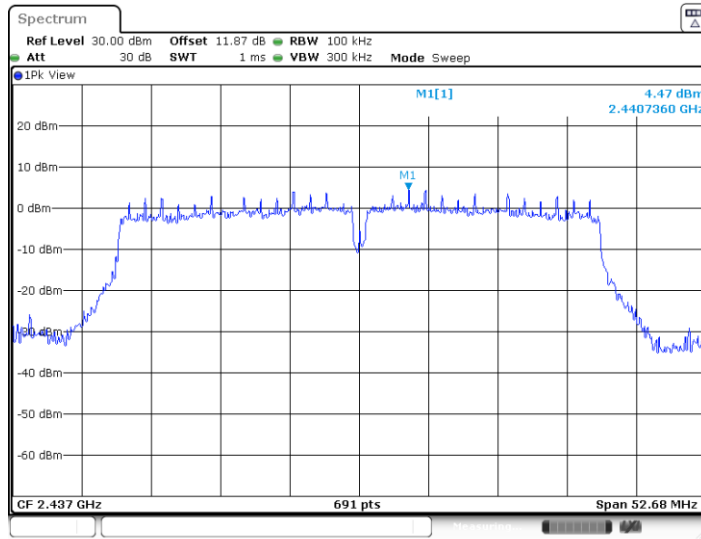
11N40MIMO\_Ant8\_2427



Date: 27.FEB.2024 14:01:42

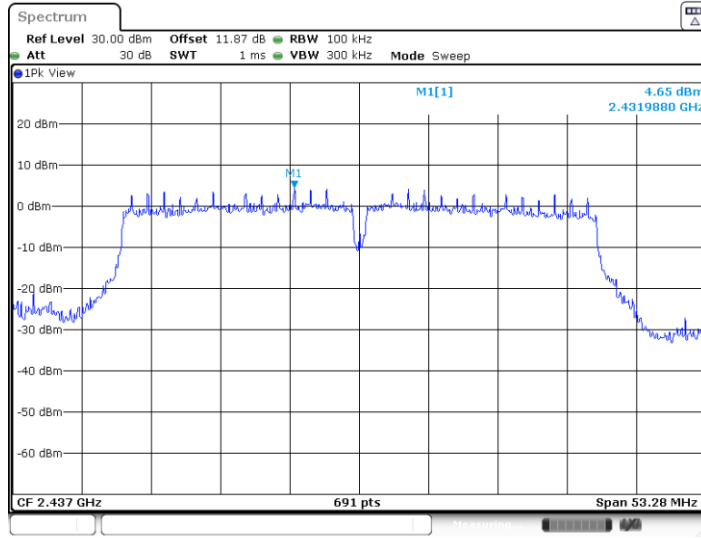


11N40MIMO\_Ant6\_2437



Date: 3.FEB.2024 10:53:06

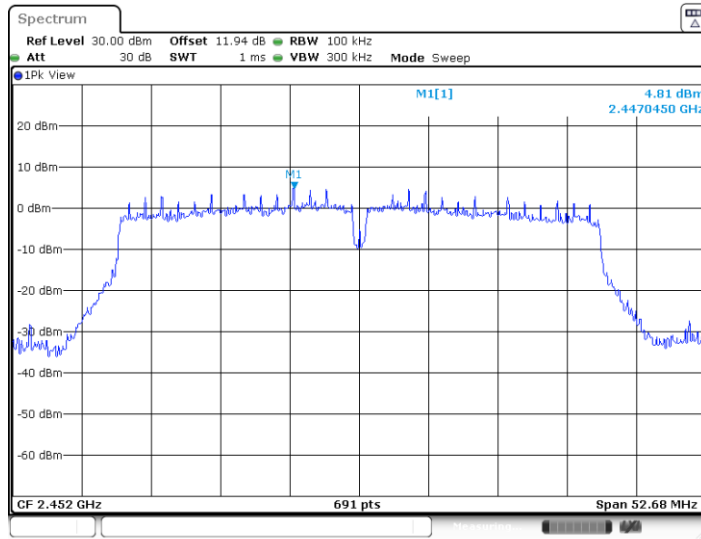
11N40MIMO\_Ant8\_2437



Date: 3.FEB.2024 10:54:01

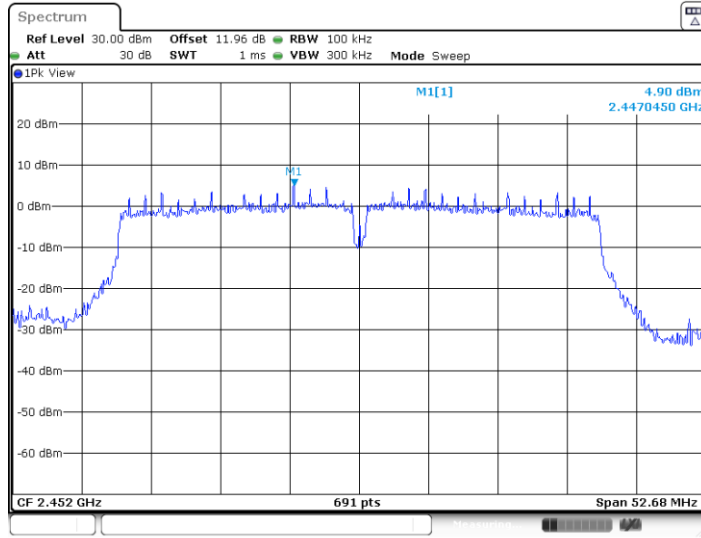


11N40MIMO\_Ant6\_2452



Date: 3.FEB.2024 10:55:06

11N40MIMO\_Ant8\_2452



Date: 3.FEB.2024 10:56:13





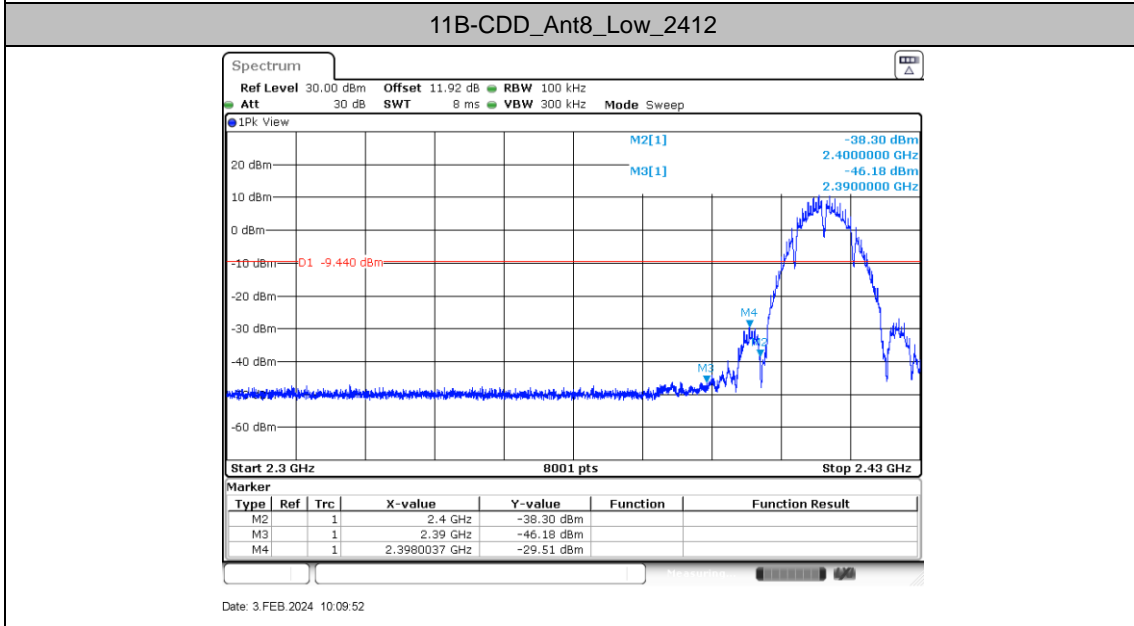
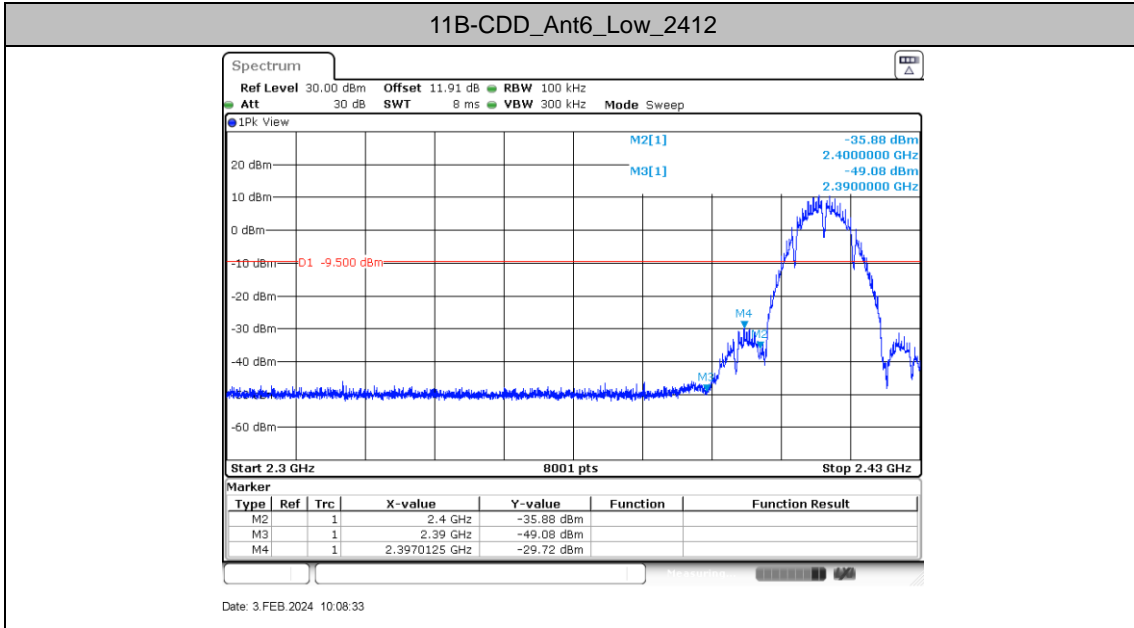
### Band edge measurements

#### Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm /100KHz]	Result[dBm /100KHz]	Limit[dBm /100KHz]	Verdict
11B-CDD	Ant6	Low	2412	10.50	-29.72	≤-9.5	PASS
	Ant8	Low	2412	10.56	-29.51	≤-9.44	PASS
	Ant6	High	2462	10.78	-46.05	≤-9.22	PASS
	Ant8	High	2462	10.84	-45.69	≤-9.16	PASS
11G-CDD	Ant6	Low	2412	8.59	-19.54	≤-11.41	PASS
	Ant8	Low	2412	8.30	-17.11	≤-11.7	PASS
	Ant6	Low	2417	7.44	-37.68	≤-12.56	PASS
	Ant8	Low	2417	7.85	-26.3	≤-12.15	PASS
	Ant6	High	2462	8.80	-36.88	≤-11.2	PASS
	Ant8	High	2462	8.06	-31.08	≤-11.94	PASS
11N20MIMO	Ant6	Low	2412	8.47	-17.45	≤-11.53	PASS
	Ant8	Low	2412	8.58	-15.5	≤-11.42	PASS
	Ant6	High	2462	7.39	-34.47	≤-12.61	PASS
	Ant8	High	2462	8.36	-30.34	≤-11.64	PASS
11N40MIMO	Ant6	Low	2422	4.11	-23.96	≤-15.89	PASS
	Ant8	Low	2422	4.31	-25.81	≤-15.69	PASS
	Ant6	Low	2427	1.89	-38.23	≤-18.11	PASS
	Ant8	Low	2427	2.29	-39.26	≤-17.71	PASS
	Ant6	High	2452	4.81	-29.22	≤-15.19	PASS
	Ant8	High	2452	4.90	-30.92	≤-15.1	PASS

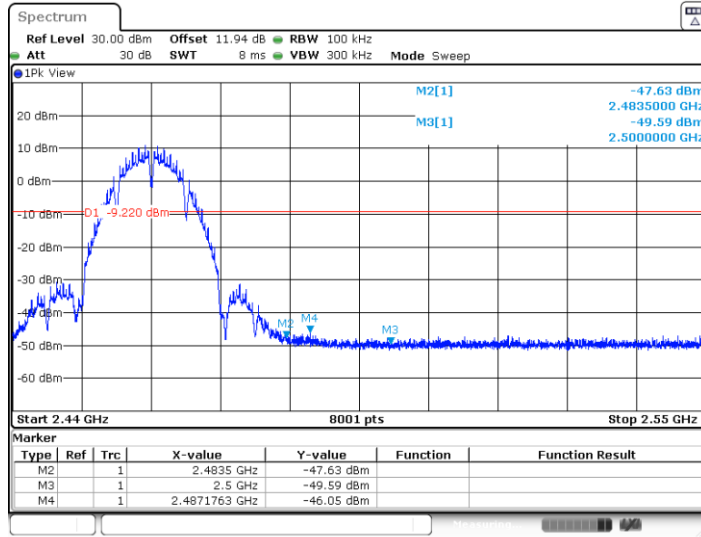


### Test Graphs



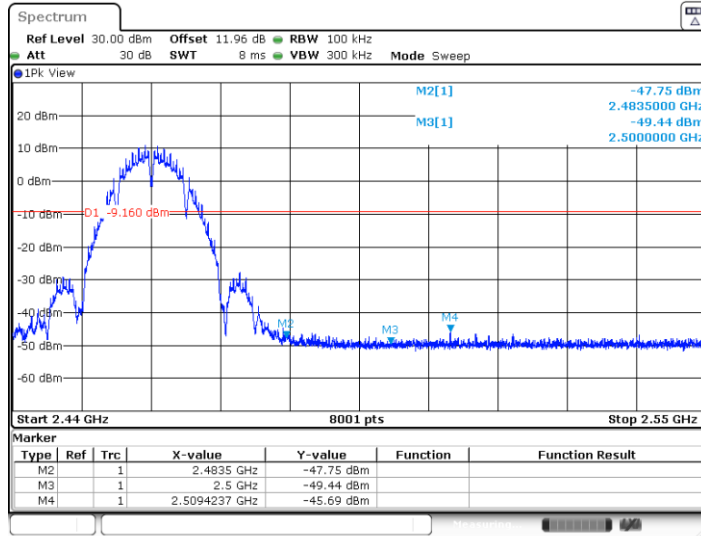


11B-CDD\_Ant6\_High\_2462

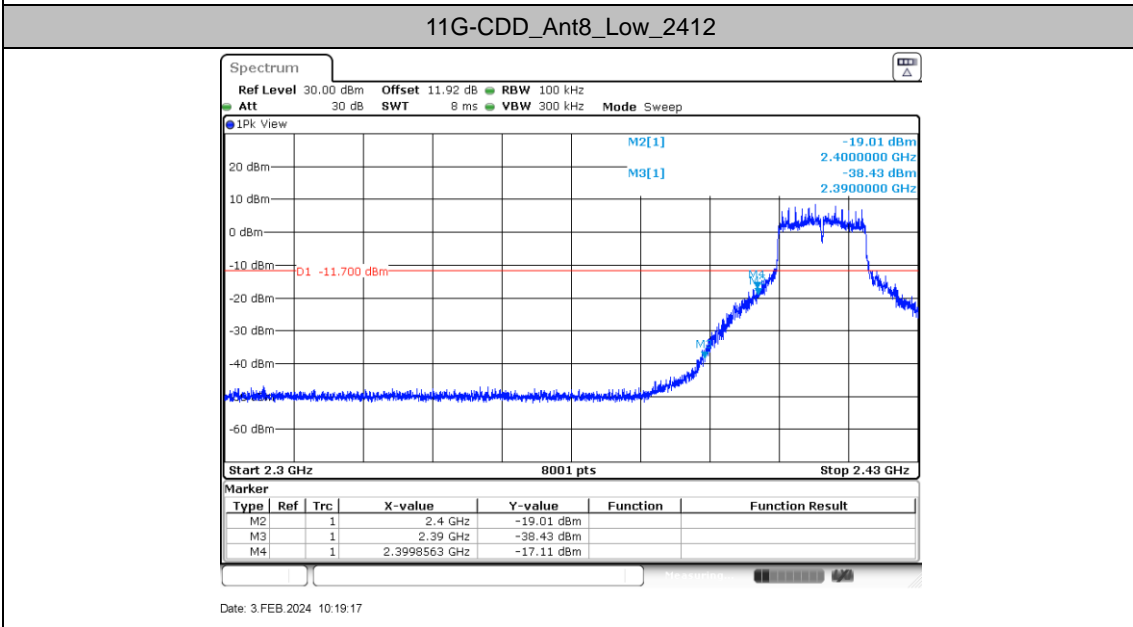
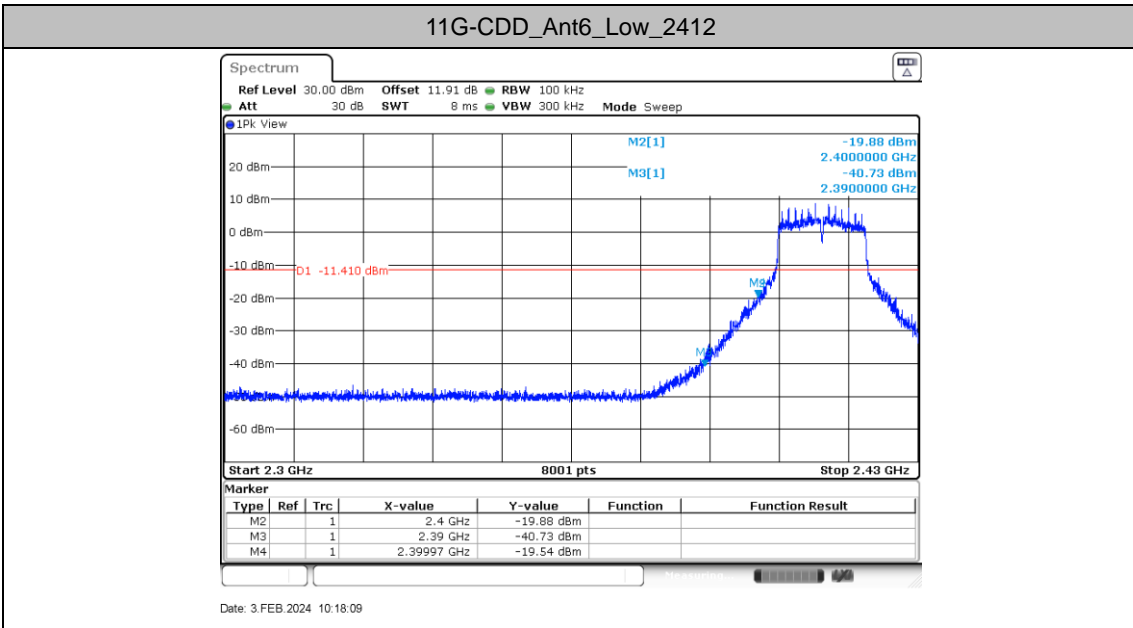


Date: 3.FEB.2024 10:15:00

11B-CDD\_Ant8\_High\_2462

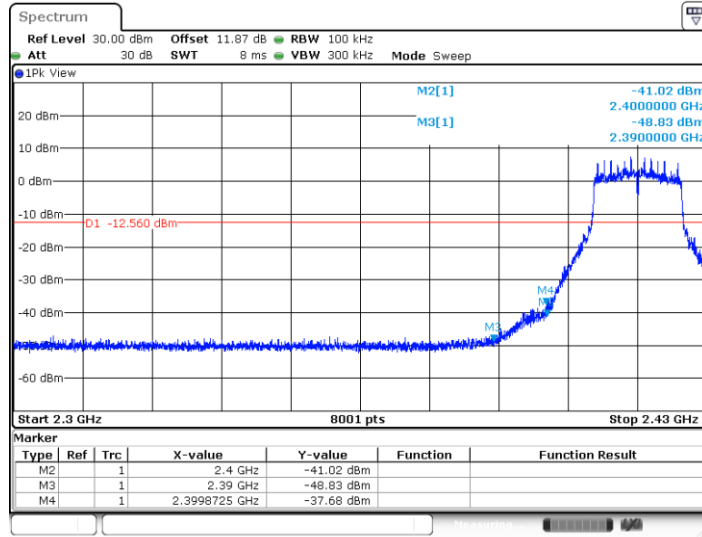


Date: 3.FEB.2024 10:16:30



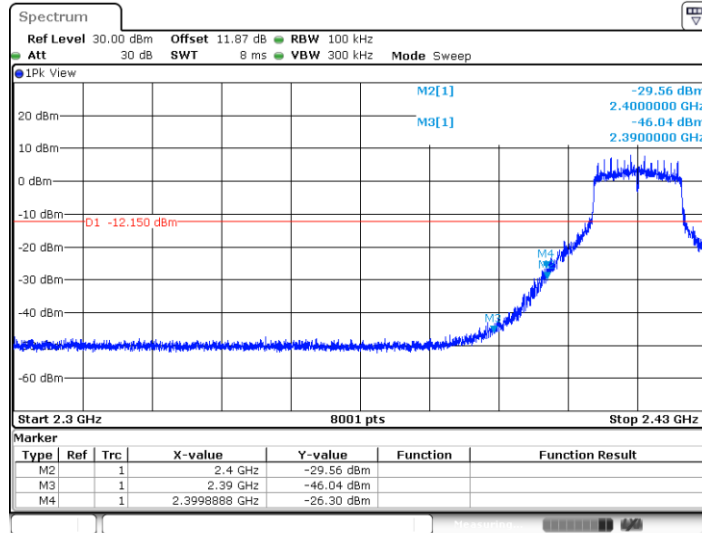


11G-CDD\_Ant6\_Low\_2417



Date: 27.FEB.2024 13:48:47

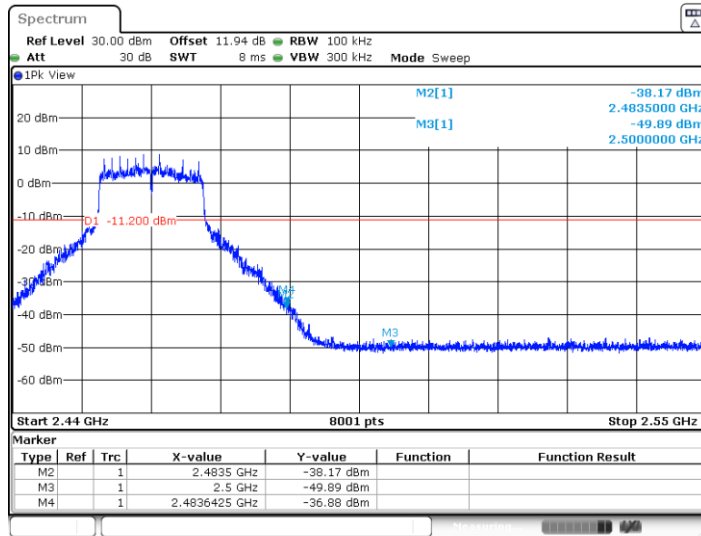
11G-CDD\_Ant8\_Low\_2417



Date: 27.FEB.2024 13:49:59

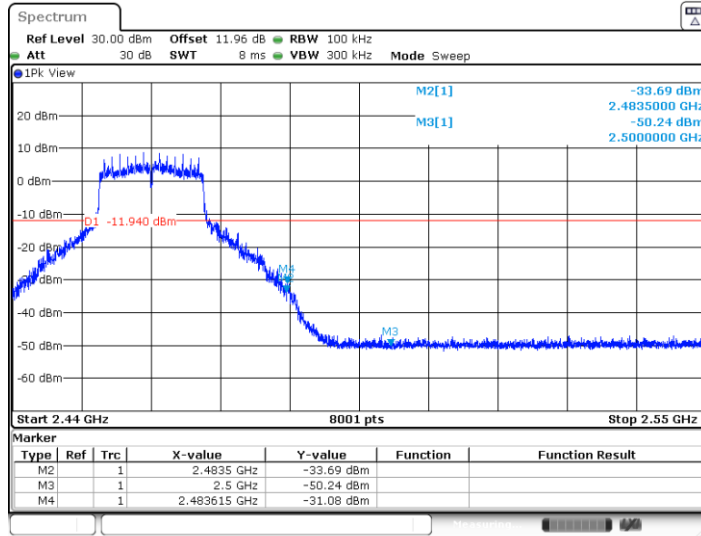


11G-CDD\_Ant6\_High\_2462

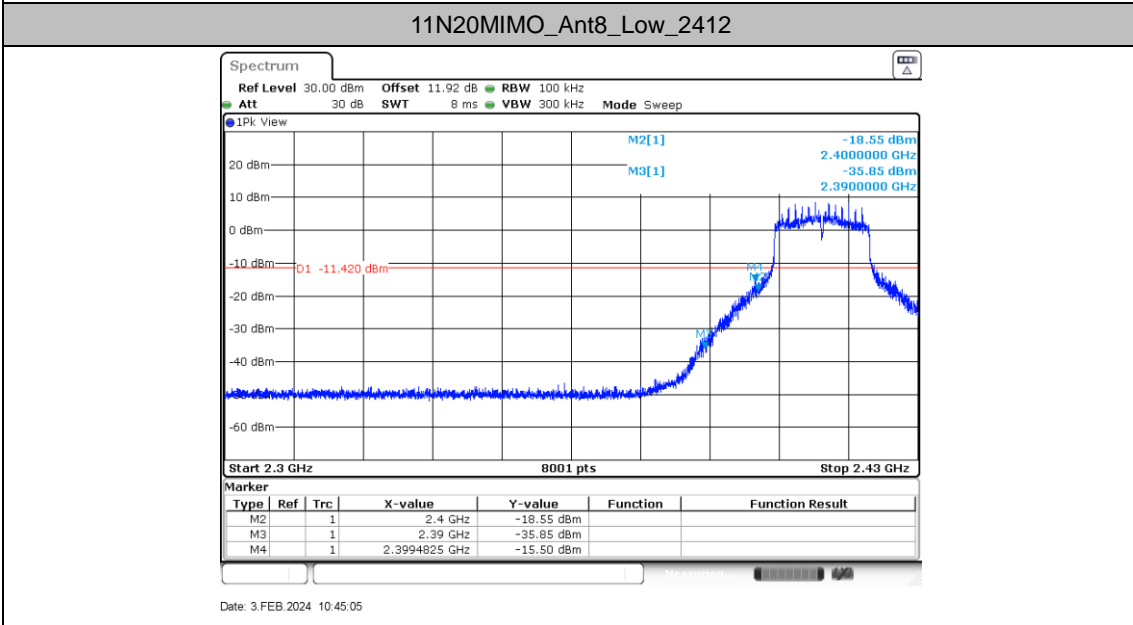
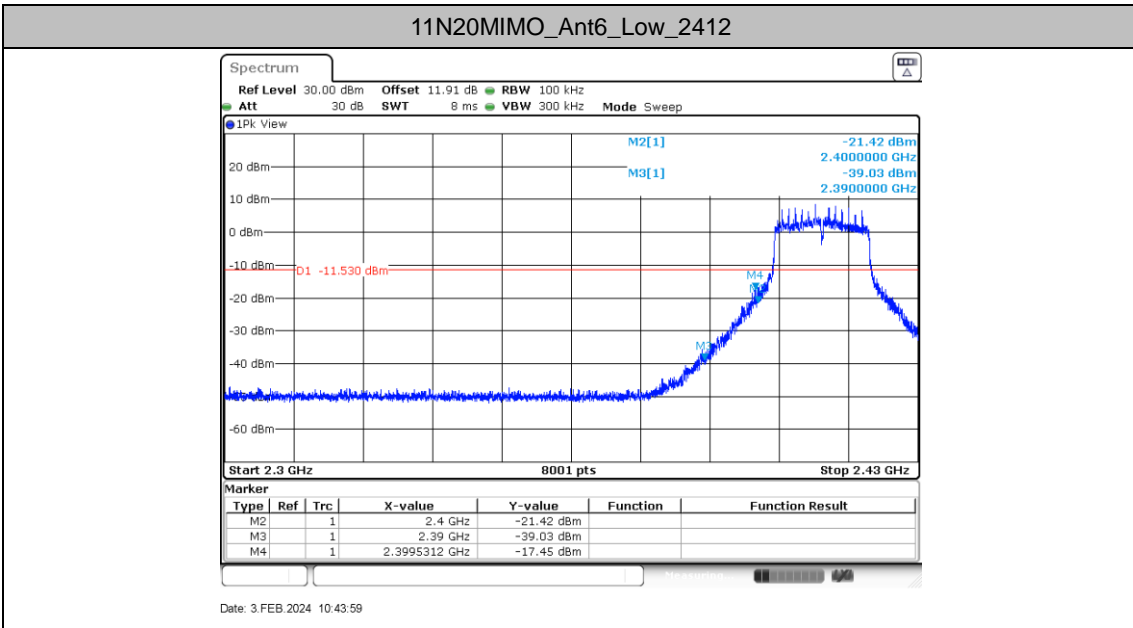


Date: 3.FEB.2024 10:22:35

11G-CDD\_Ant8\_High\_2462

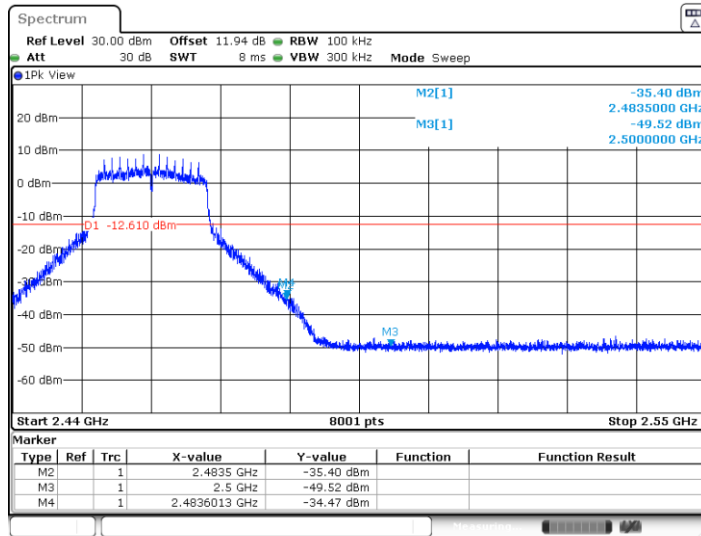


Date: 3.FEB.2024 10:23:41



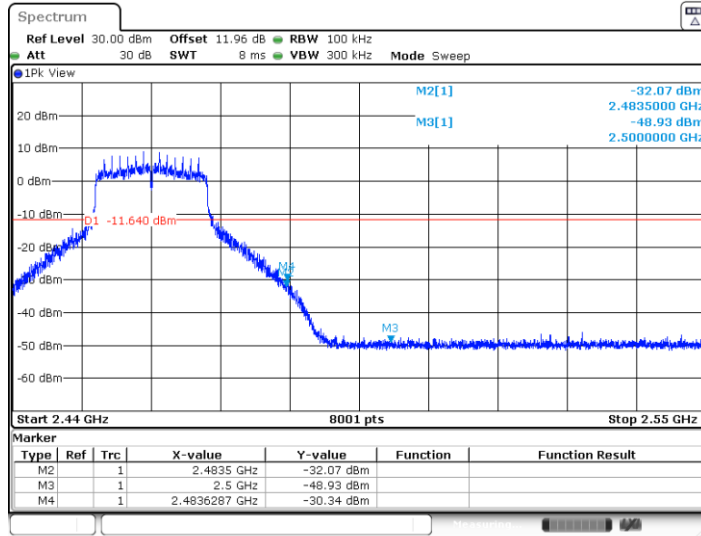


11N20MIMO\_Ant6\_High\_2462



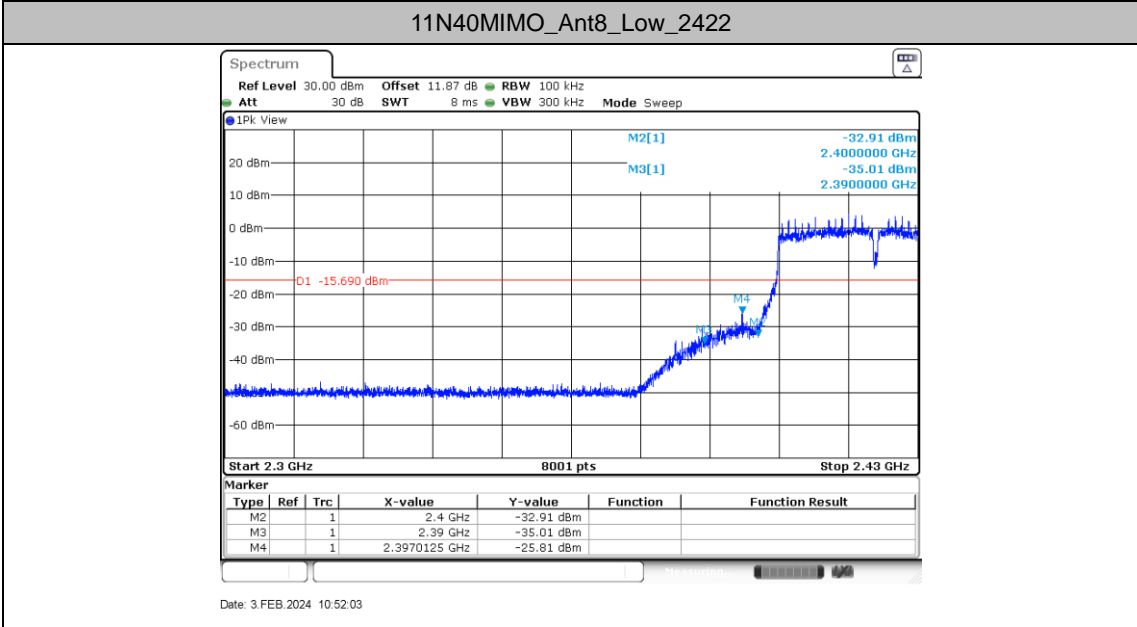
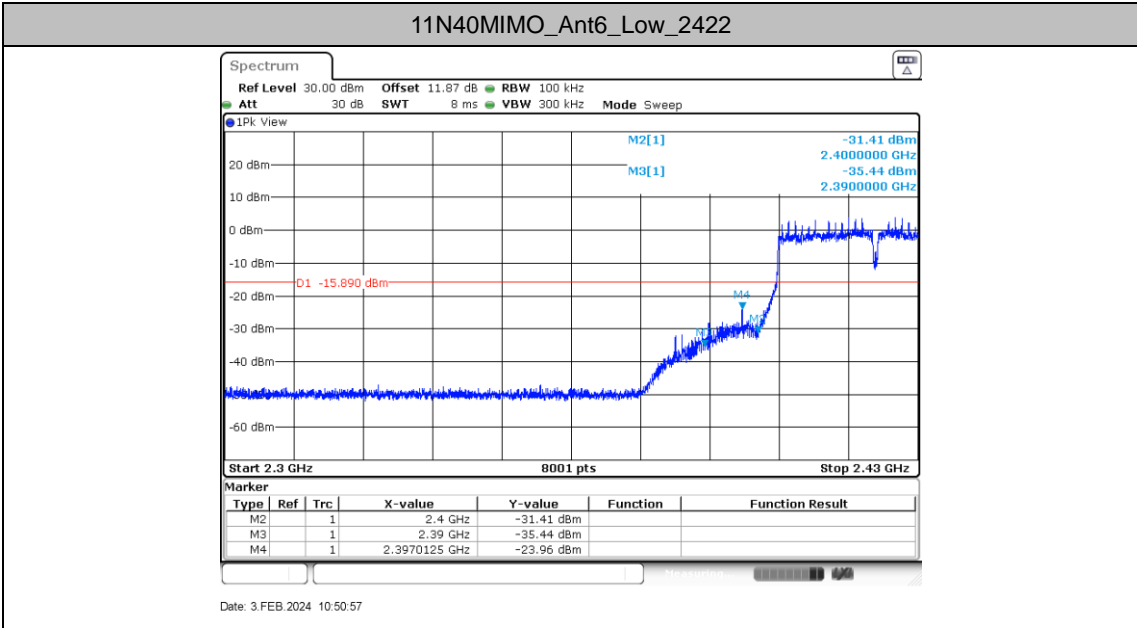
Date: 3.FEB.2024 10:48:38

11N20MIMO\_Ant8\_High\_2462



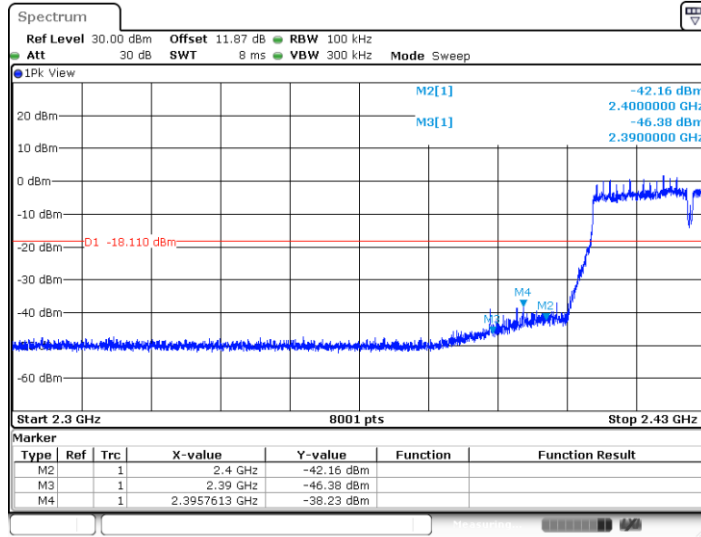
Date: 3.FEB.2024 10:49:46



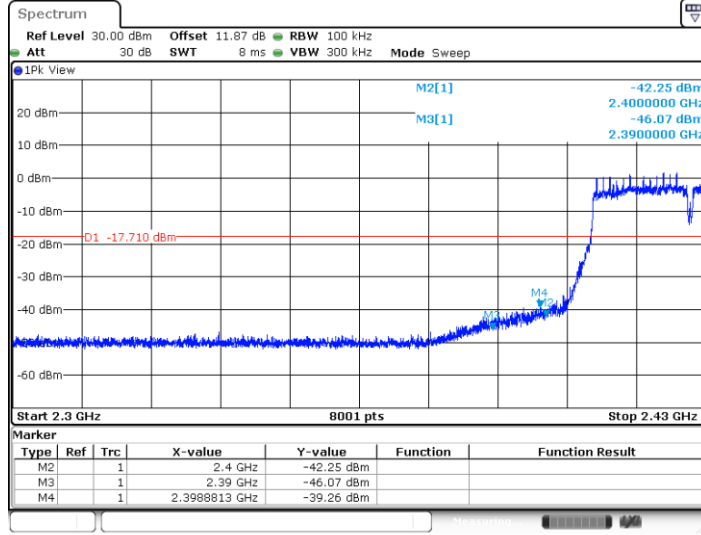


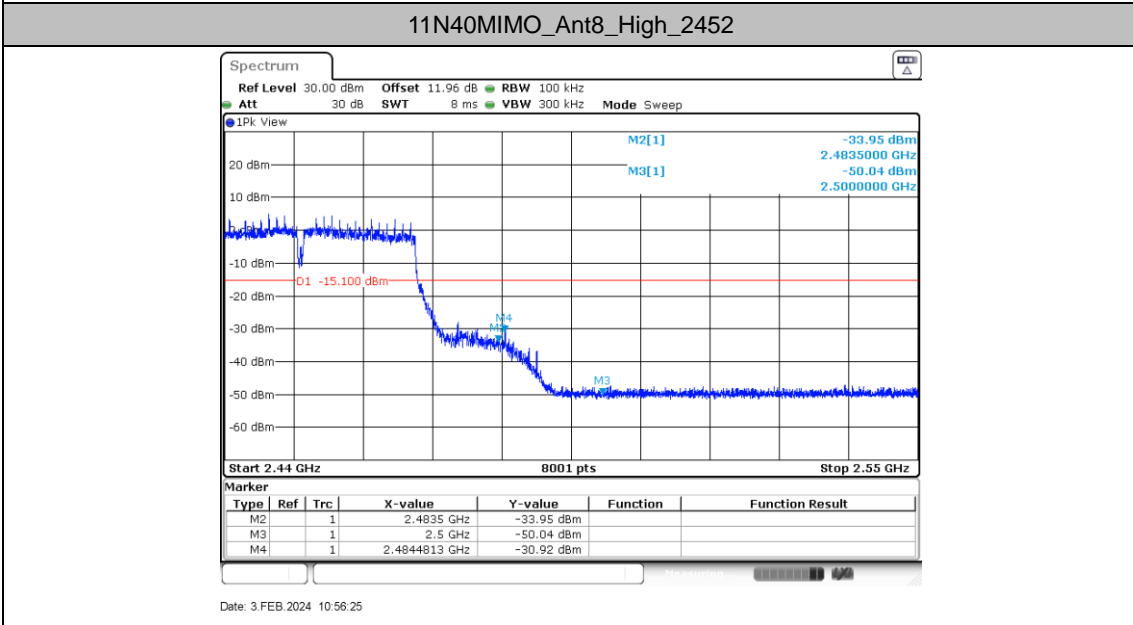
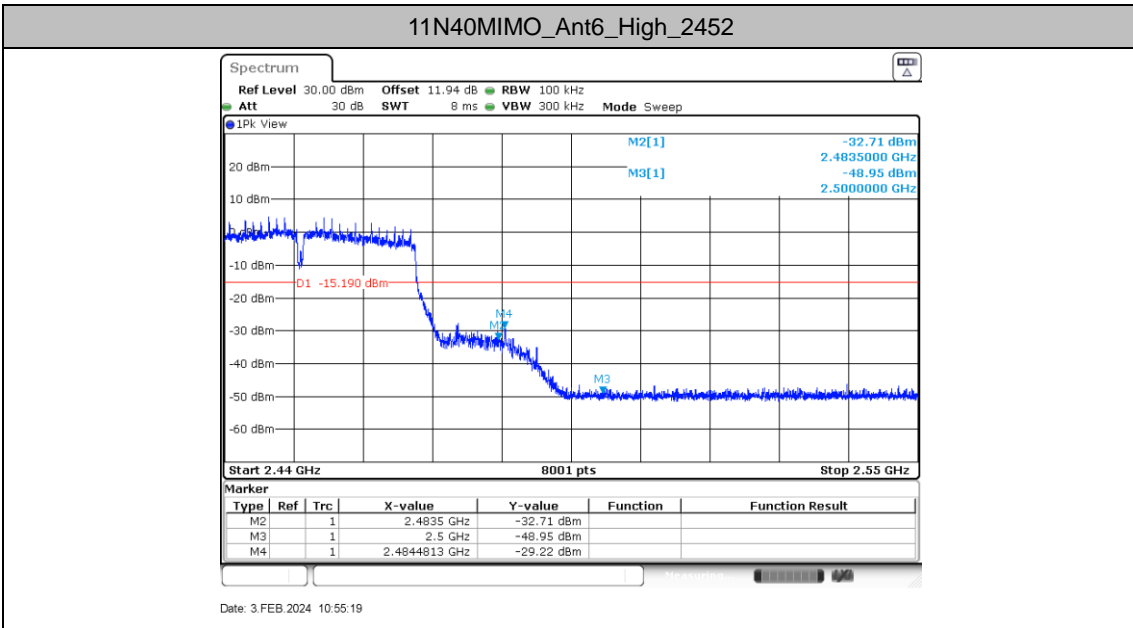


11N40MIMO\_Ant6\_Low\_2427



11N40MIMO\_Ant8\_Low\_2427







## Conducted Spurious Emission

### Test Result

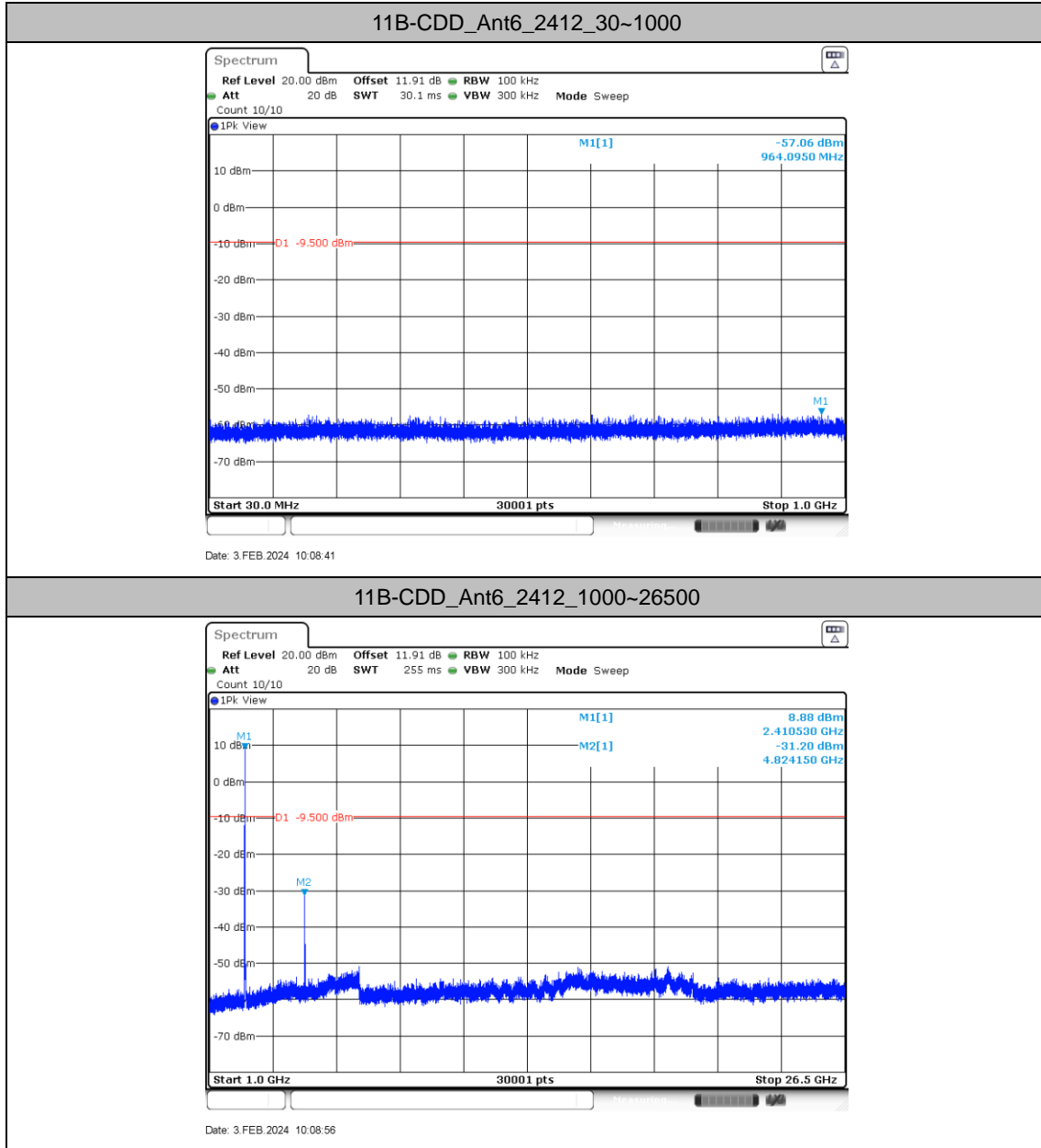
TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
11B-CDD	Ant6	2412	30~1000	10.50	-57.06	≤-9.5	PASS
			1000~26500	10.50	-31.2	≤-9.5	PASS
	Ant8	2412	30~1000	10.56	-56.09	≤-9.44	PASS
			1000~26500	10.56	-41.81	≤-9.44	PASS
	Ant6	2437	30~1000	10.76	-55.87	≤-9.24	PASS
			1000~26500	10.76	-31.7	≤-9.24	PASS
	Ant8	2437	30~1000	10.68	-55.61	≤-9.32	PASS
			1000~26500	10.68	-43.74	≤-9.32	PASS
	Ant6	2462	30~1000	10.78	-56.27	≤-9.22	PASS
			1000~26500	10.78	-32.49	≤-9.22	PASS
	Ant8	2462	30~1000	10.84	-56.57	≤-9.16	PASS
			1000~26500	10.84	-47.07	≤-9.16	PASS
11G-CDD	Ant6	2412	30~1000	8.59	-56.86	≤-11.41	PASS
			1000~26500	8.59	-40.8	≤-11.41	PASS
	Ant8	2412	30~1000	8.30	-56.62	≤-11.7	PASS
			1000~26500	8.30	-51.14	≤-11.7	PASS
	Ant6	2417	30~1000	7.44	-56.64	≤-12.56	PASS
			1000~26500	7.44	-44.35	≤-12.56	PASS
	Ant8	2417	30~1000	7.85	-57.17	≤-12.15	PASS
			1000~26500	7.85	-48.46	≤-12.15	PASS
	Ant6	2437	30~1000	8.50	-56.83	≤-11.5	PASS
			1000~26500	8.50	-43.92	≤-11.5	PASS
	Ant8	2437	30~1000	8.62	-56.38	≤-11.38	PASS
			1000~26500	8.62	-51.27	≤-11.38	PASS
Ant6	2462	30~1000	8.80	-56.44	≤-11.2	PASS	
		1000~26500	8.80	-39.82	≤-11.2	PASS	
Ant8	2462	30~1000	8.06	-56.45	≤-11.94	PASS	
		1000~26500	8.06	-50.77	≤-11.94	PASS	
11N20MIMO	Ant6	2412	30~1000	8.47	-56.02	≤-11.53	PASS
			1000~26500	8.47	-40.8	≤-11.53	PASS
	Ant8	2412	30~1000	8.58	-55.76	≤-11.42	PASS
			1000~26500	8.58	-51.43	≤-11.42	PASS
	Ant6	2437	30~1000	8.32	-56.21	≤-11.68	PASS
			1000~26500	8.32	-43.77	≤-11.68	PASS
Ant8	2437	30~1000	8.52	-56.87	≤-11.48	PASS	

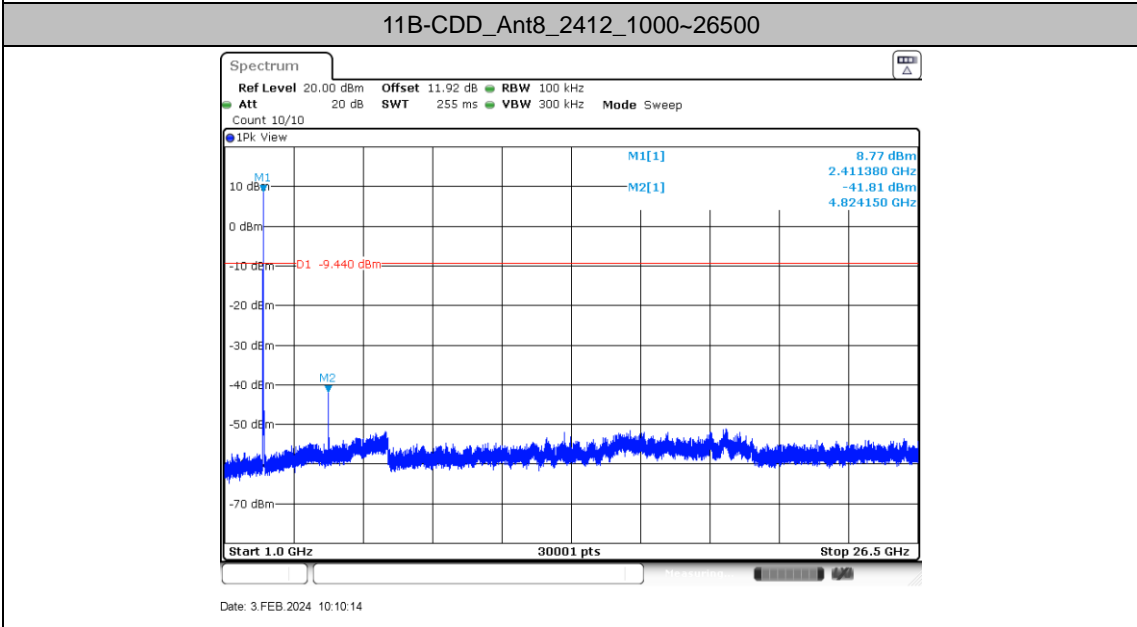
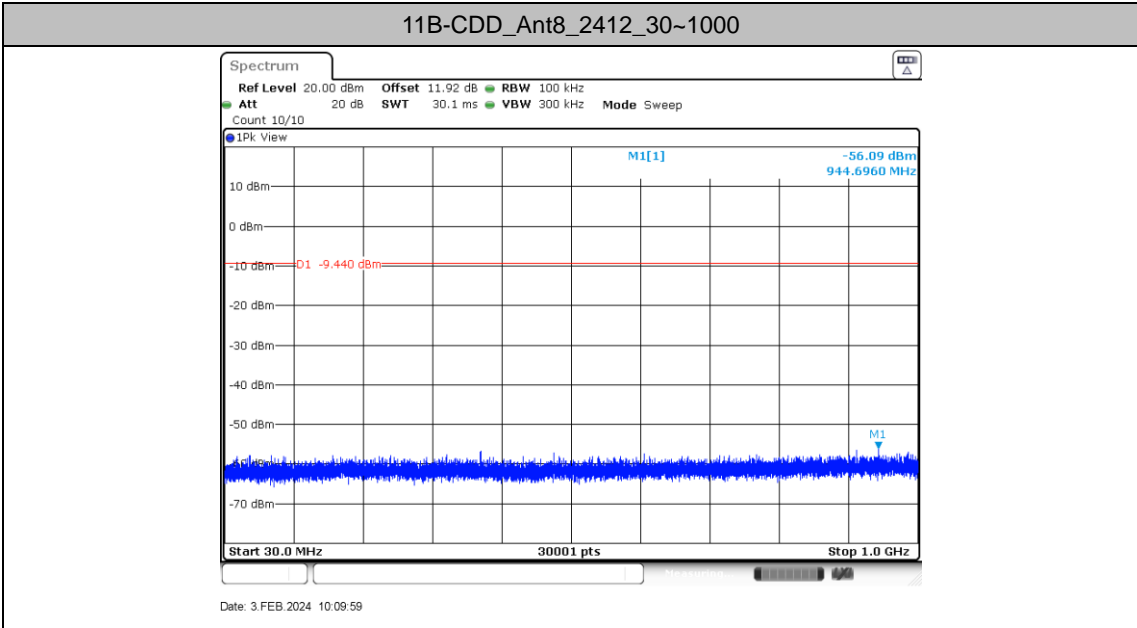


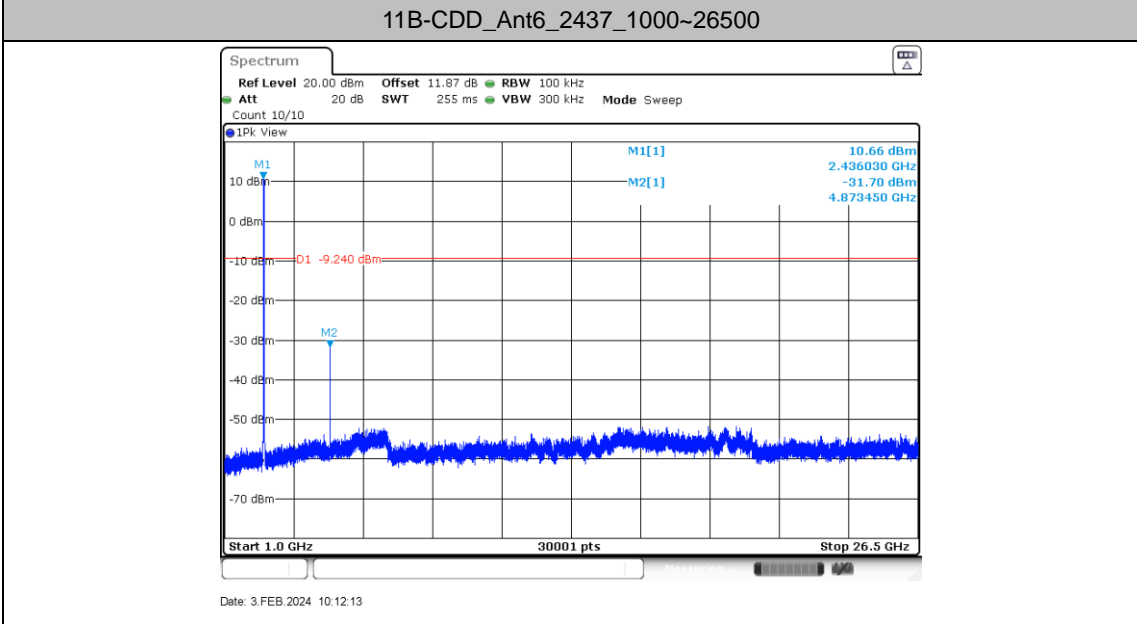
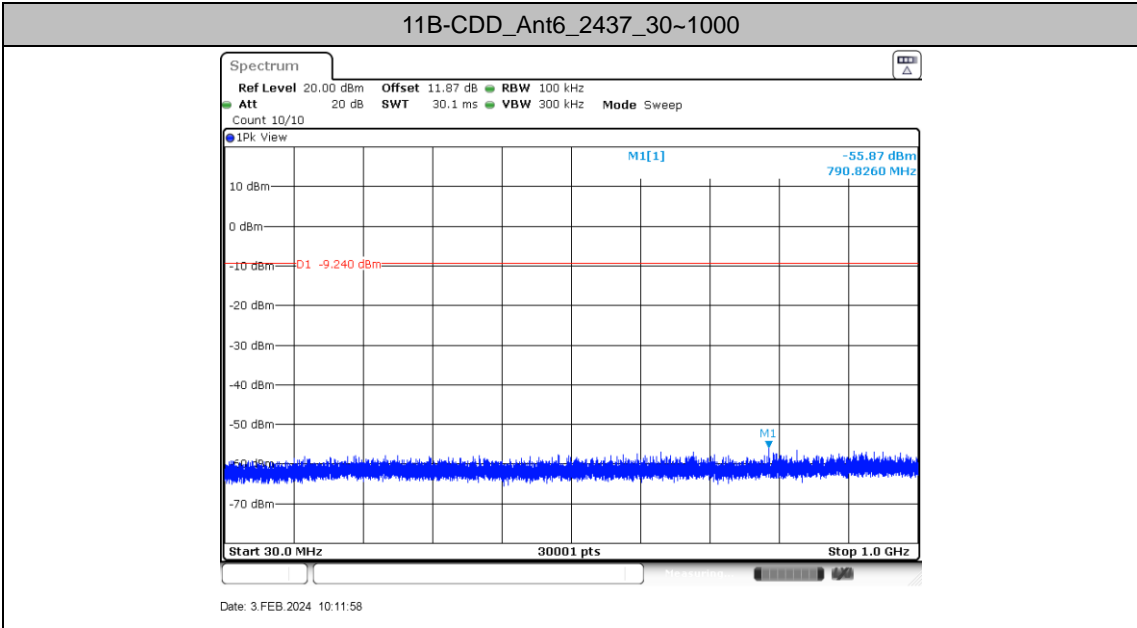
	Ant6	2462	1000~26500	8.52	-51.49	≤-11.48	PASS
			30~1000	7.39	-56.62	≤-12.61	PASS
	Ant8	2462	1000~26500	7.39	-42.8	≤-12.61	PASS
			30~1000	8.36	-56.21	≤-11.64	PASS
11N40MIMO	Ant6	2422	30~1000	4.11	-56.2	≤-15.89	PASS
			1000~26500	4.11	-45.84	≤-15.89	PASS
	Ant8	2422	30~1000	4.31	-56.58	≤-15.69	PASS
			1000~26500	4.31	-50.94	≤-15.69	PASS
	Ant6	2427	30~1000	1.89	-56.29	≤-18.11	PASS
			1000~26500	1.89	-45.47	≤-18.11	PASS
	Ant8	2427	30~1000	2.29	-55.98	≤-17.71	PASS
			1000~26500	2.29	-50.99	≤-17.71	PASS
	Ant6	2437	30~1000	4.47	-57.13	≤-15.53	PASS
			1000~26500	4.47	-45.82	≤-15.53	PASS
	Ant8	2437	30~1000	4.65	-56	≤-15.35	PASS
			1000~26500	4.65	-51.57	≤-15.35	PASS
	Ant6	2452	30~1000	4.81	-55.89	≤-15.19	PASS
			1000~26500	4.81	-46.1	≤-15.19	PASS
	Ant8	2452	30~1000	4.90	-56.57	≤-15.1	PASS
			1000~26500	4.90	-51.6	≤-15.1	PASS



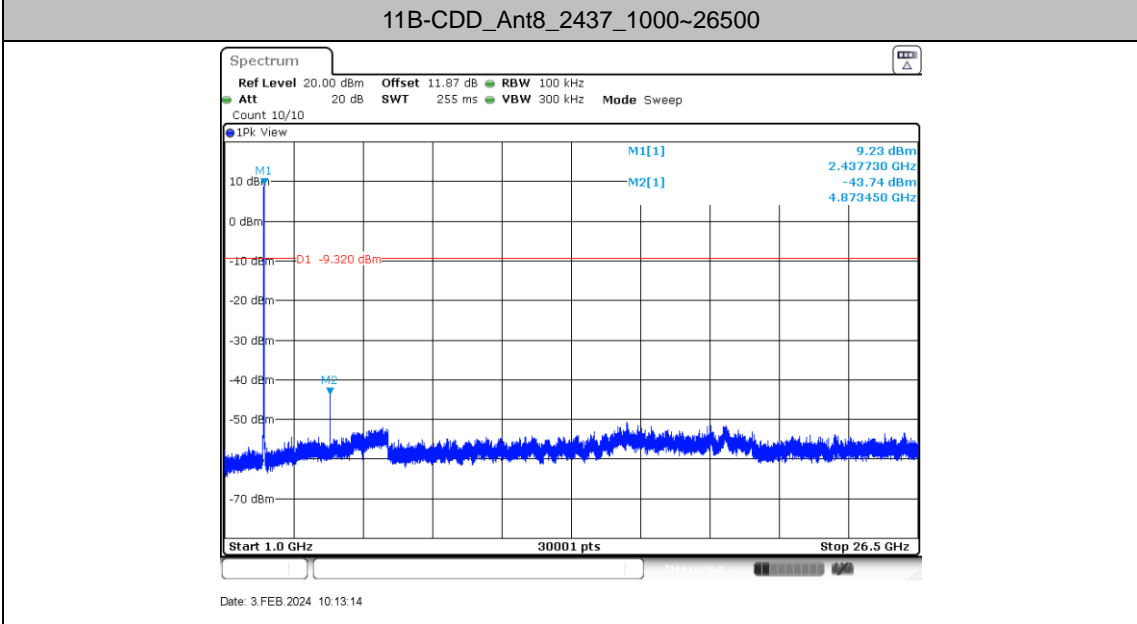
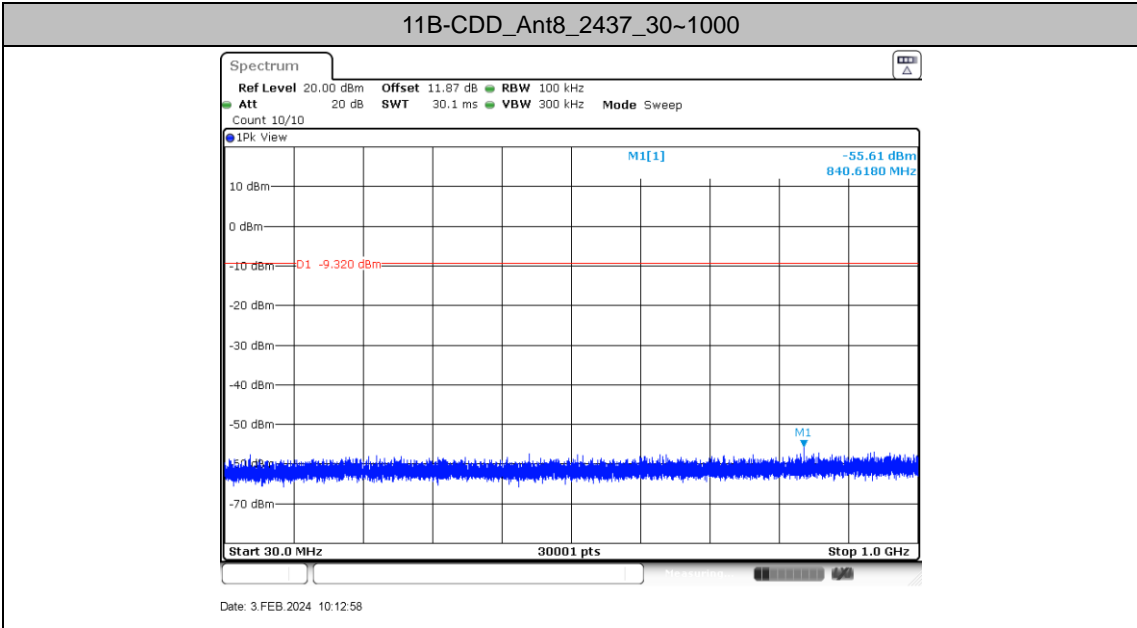
### Test Graphs

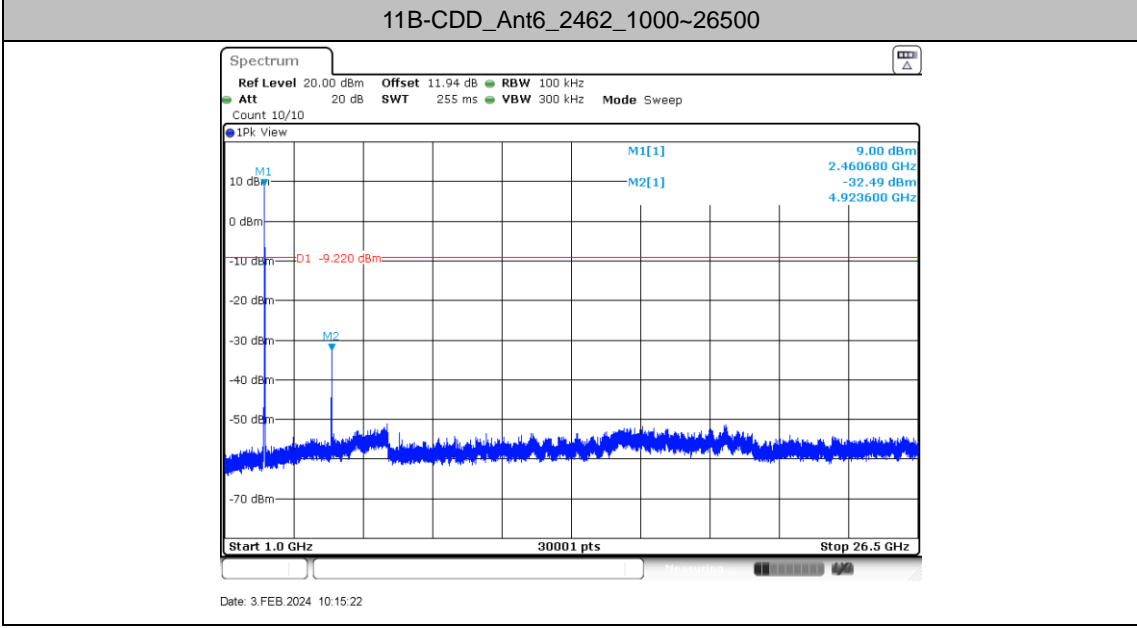
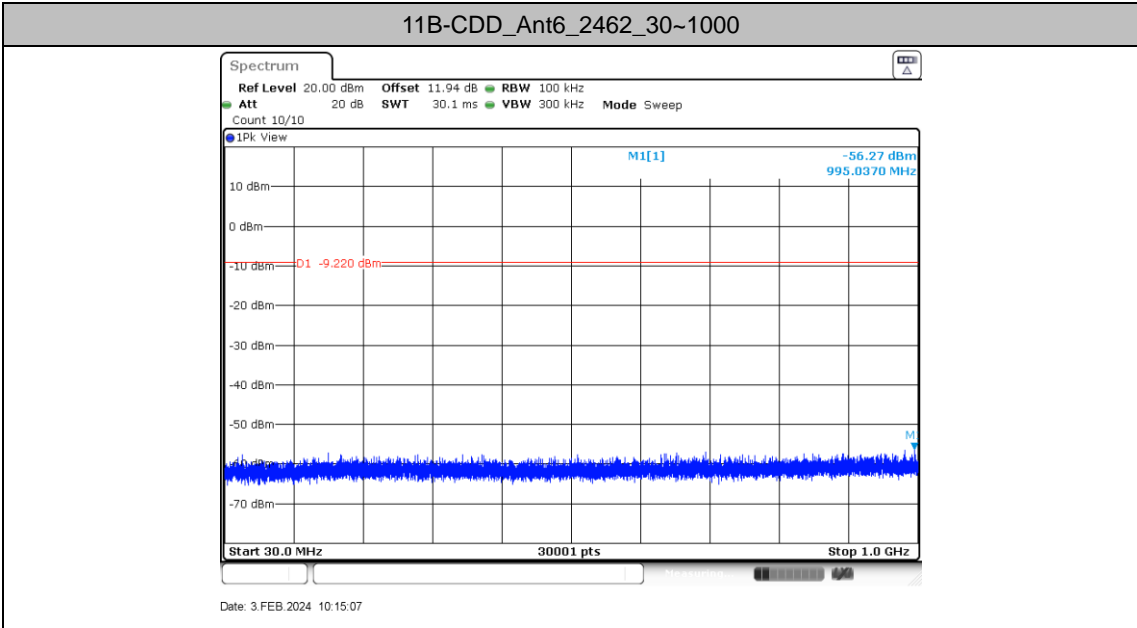


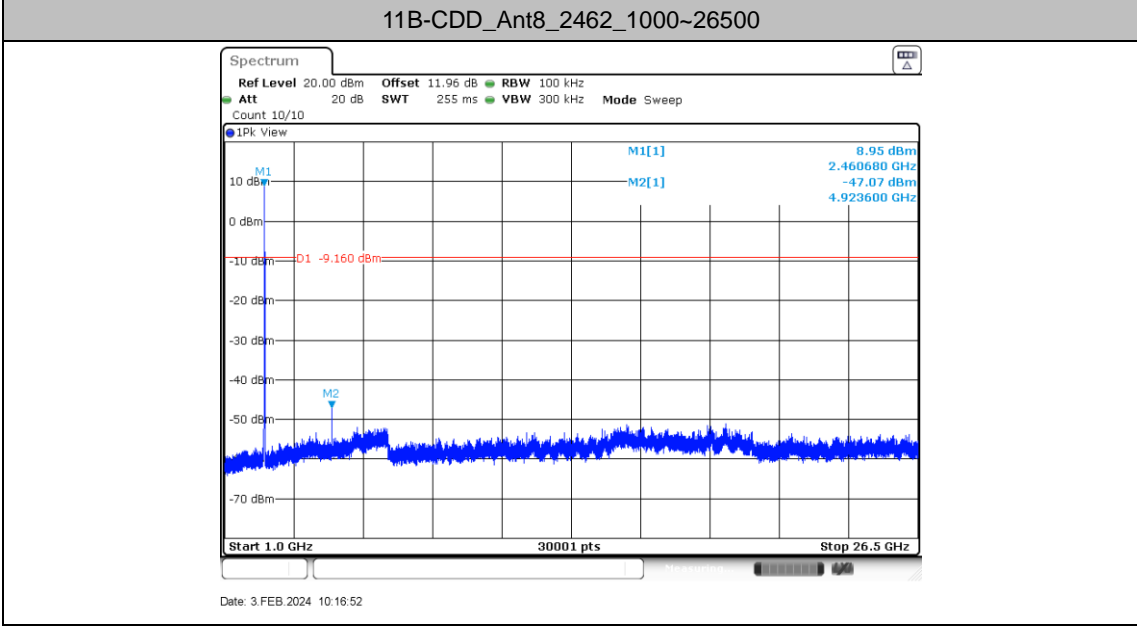
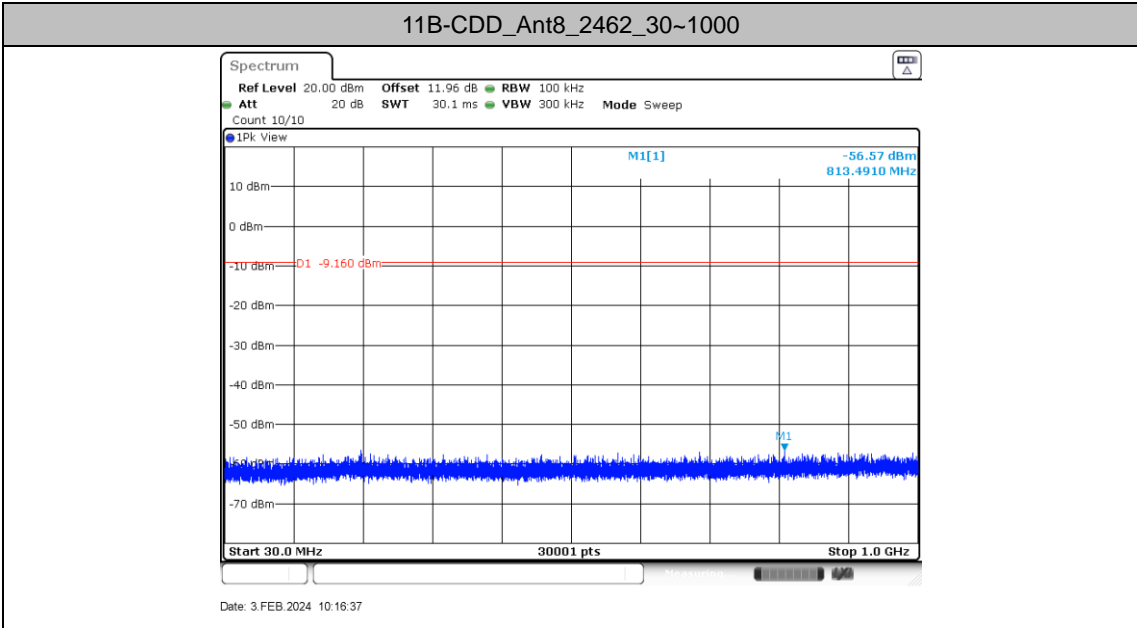


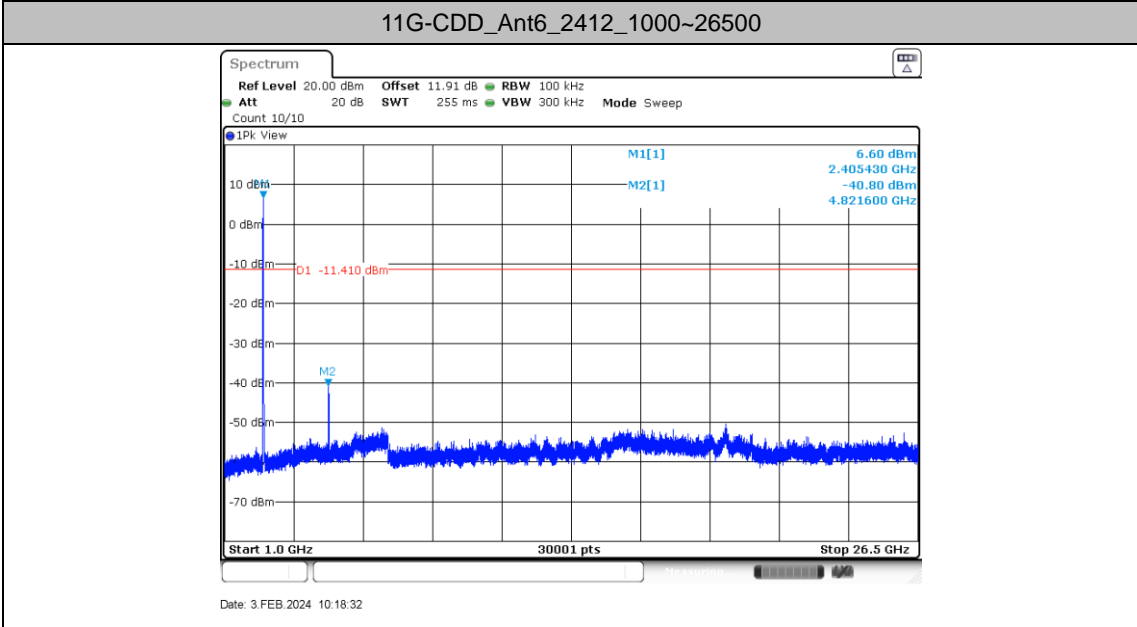
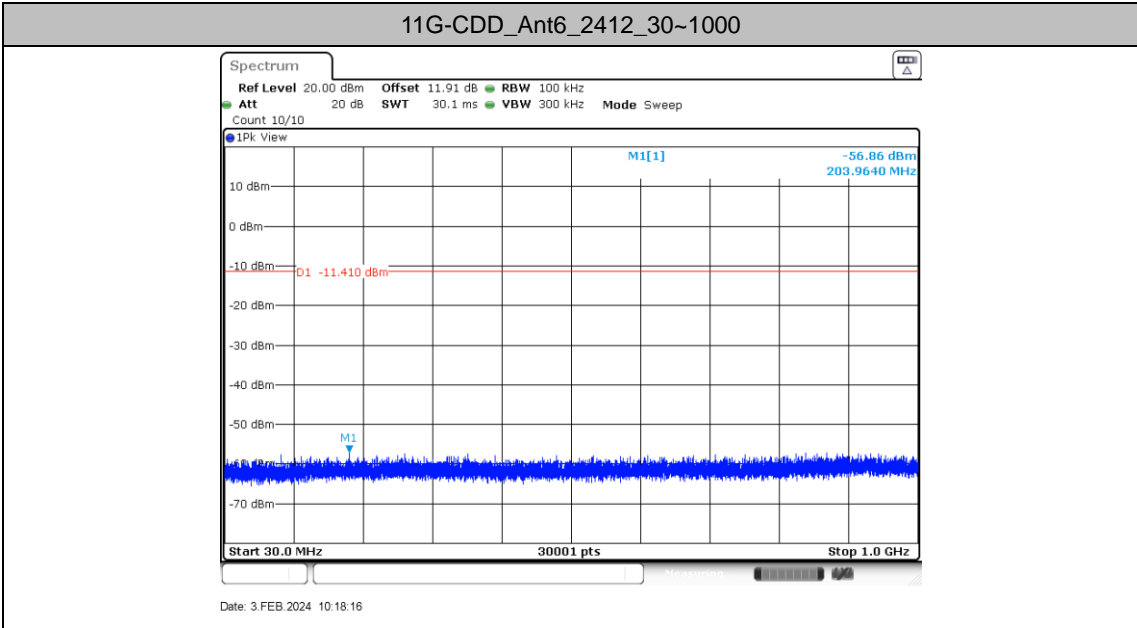


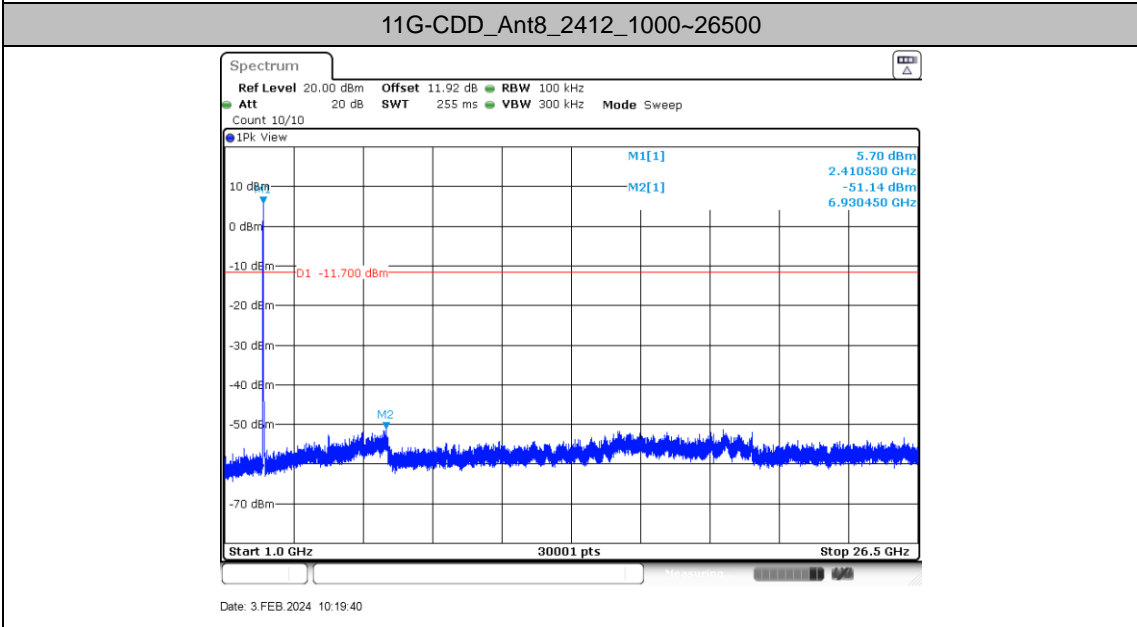
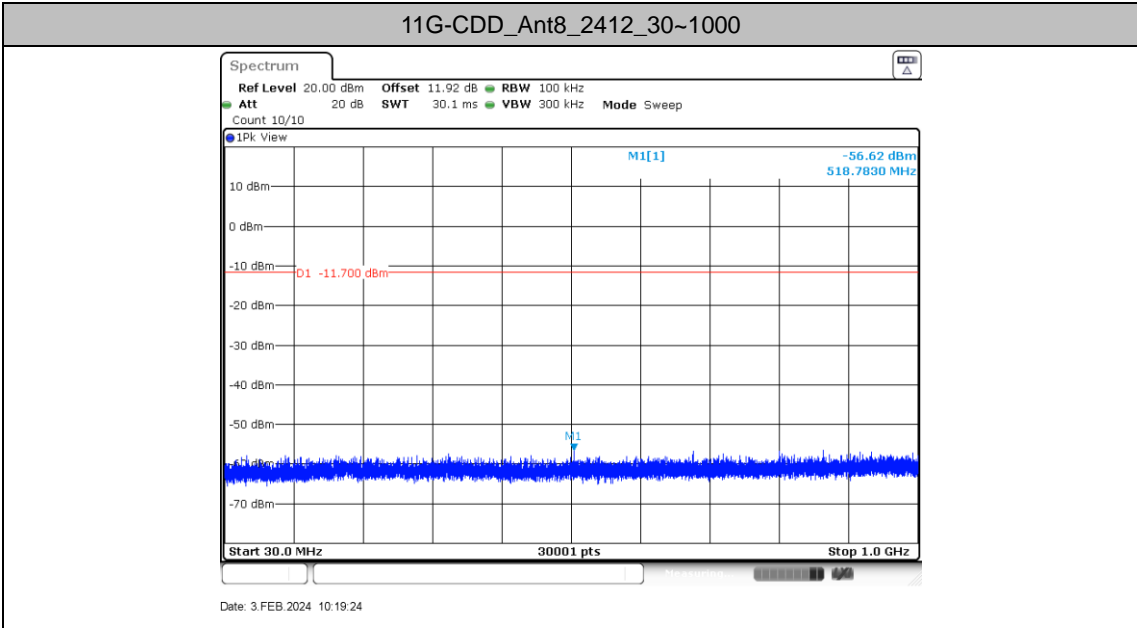






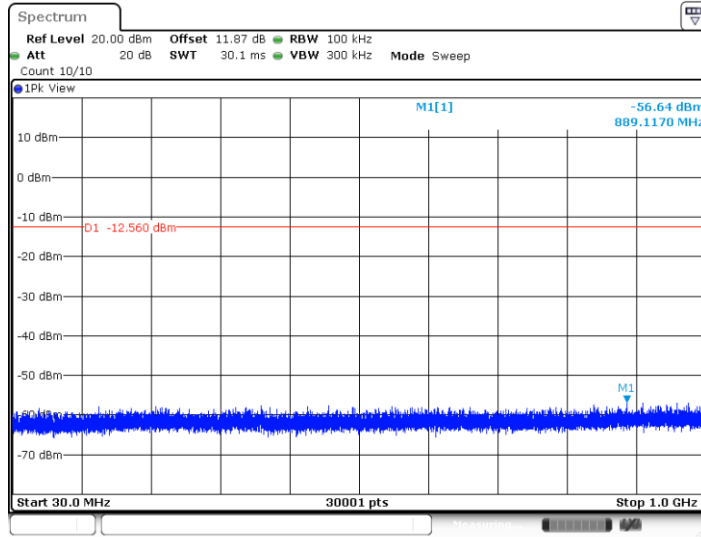






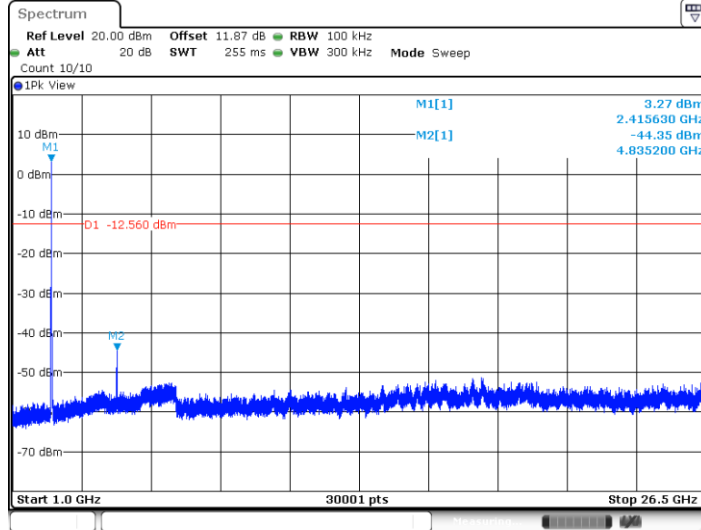


11G-CDD\_Ant6\_2417\_30~1000



Date: 27.FEB.2024 13:48:54

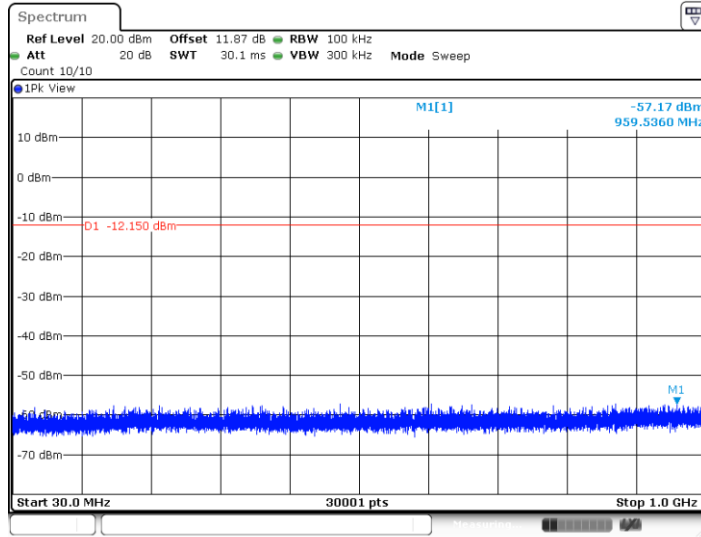
11G-CDD\_Ant6\_2417\_1000~26500



Date: 27.FEB.2024 13:49:10

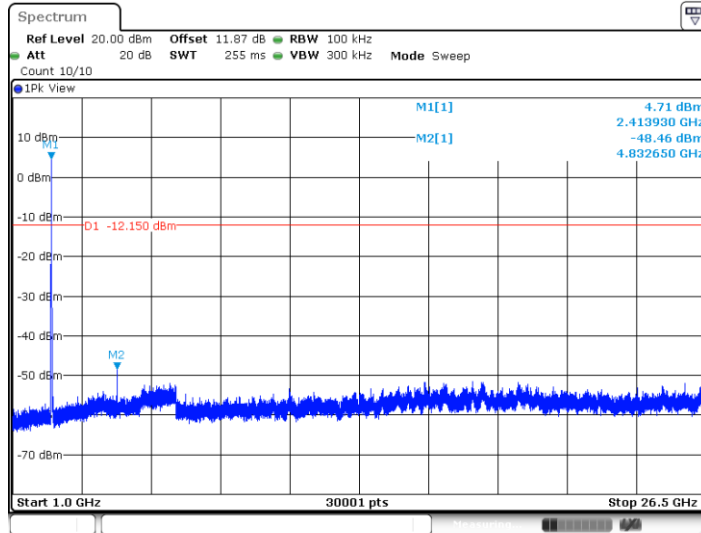


11G-CDD\_Ant8\_2417\_30~1000

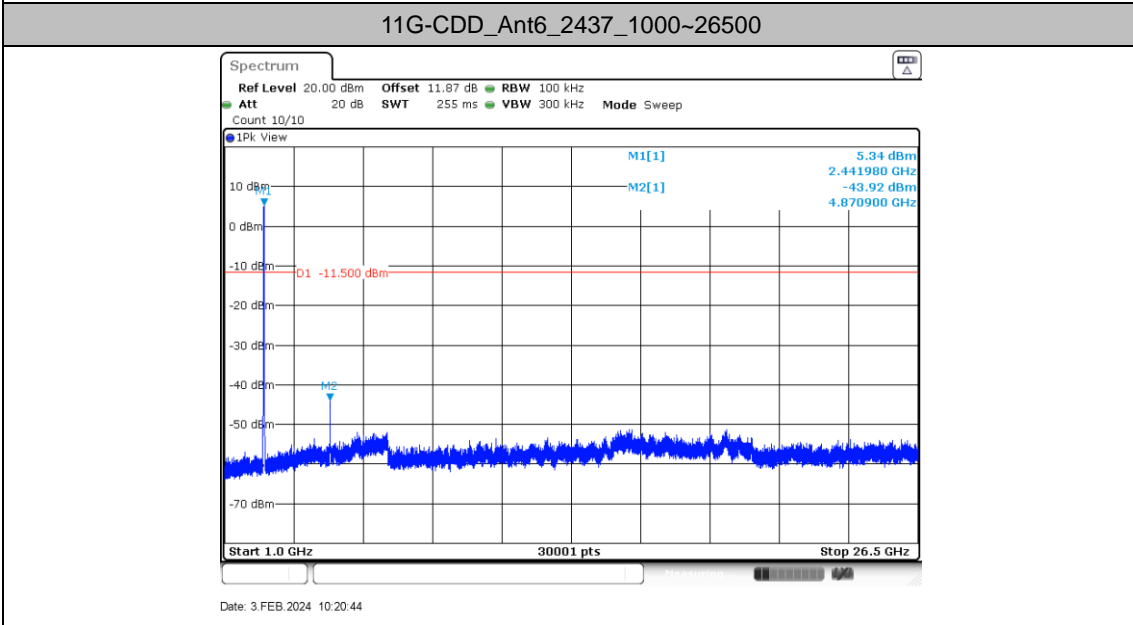
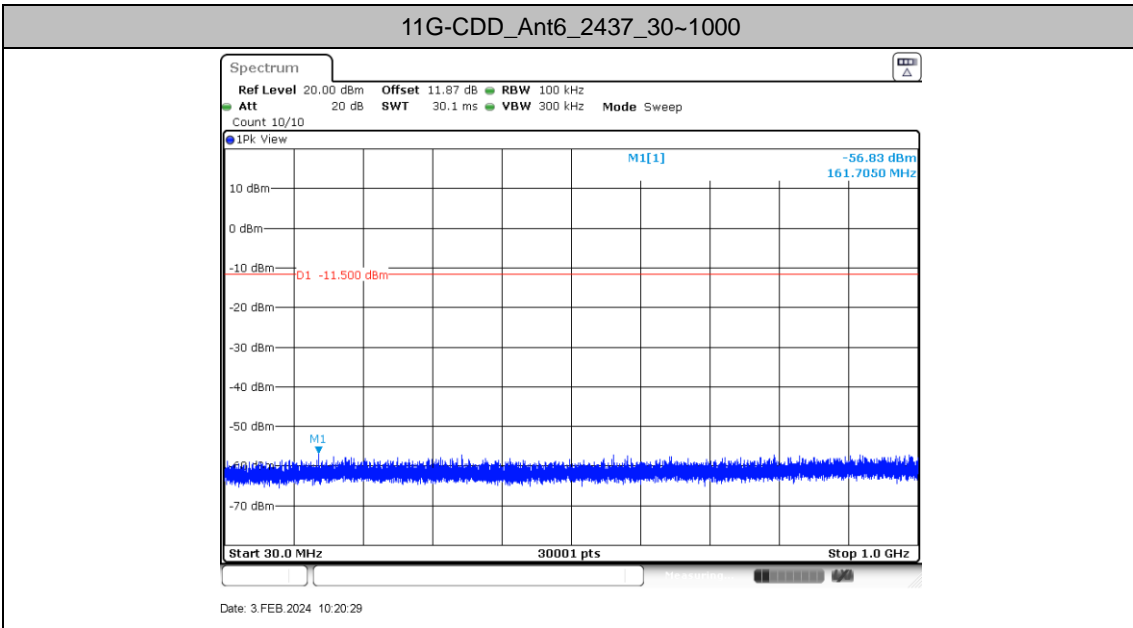


Date: 27.FEB.2024 13:50:06

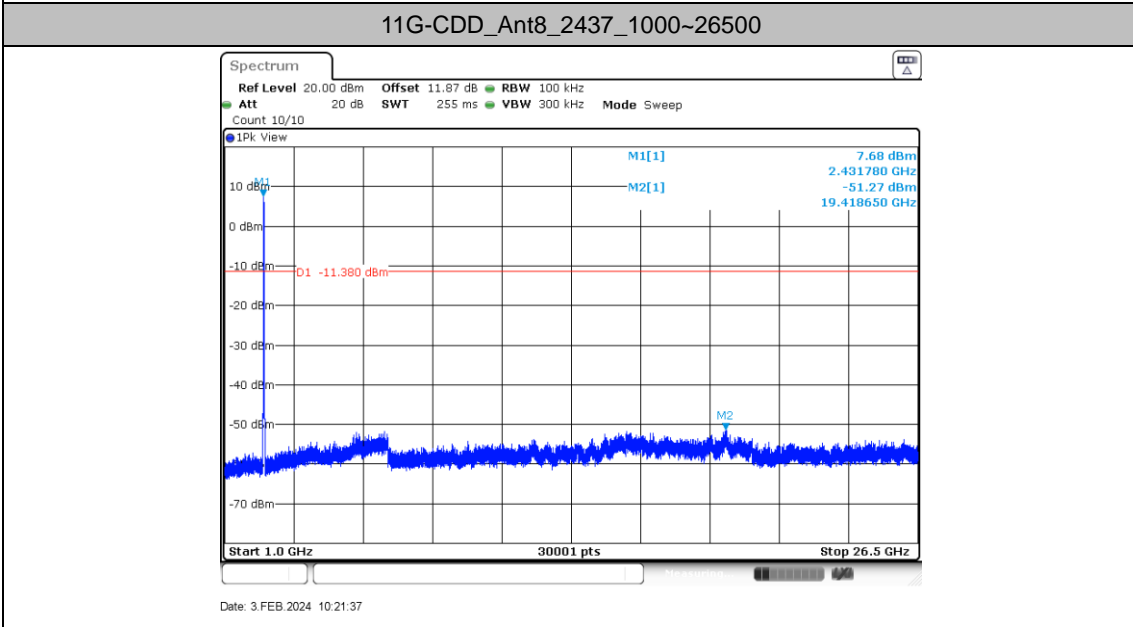
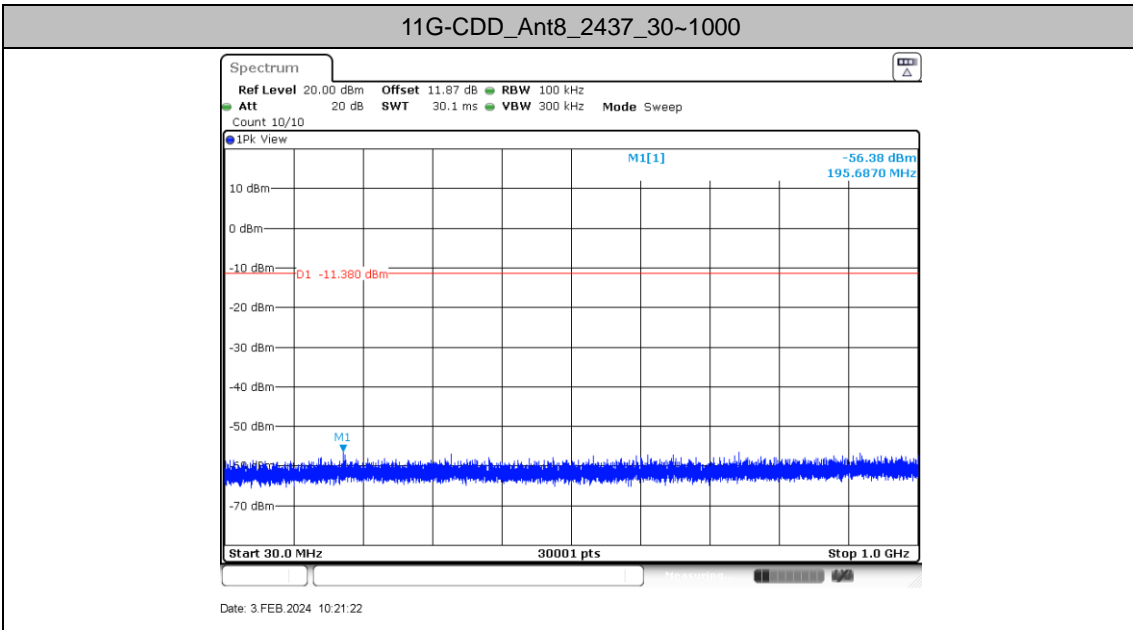
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Date: 27.FEB.2024 13:50:22

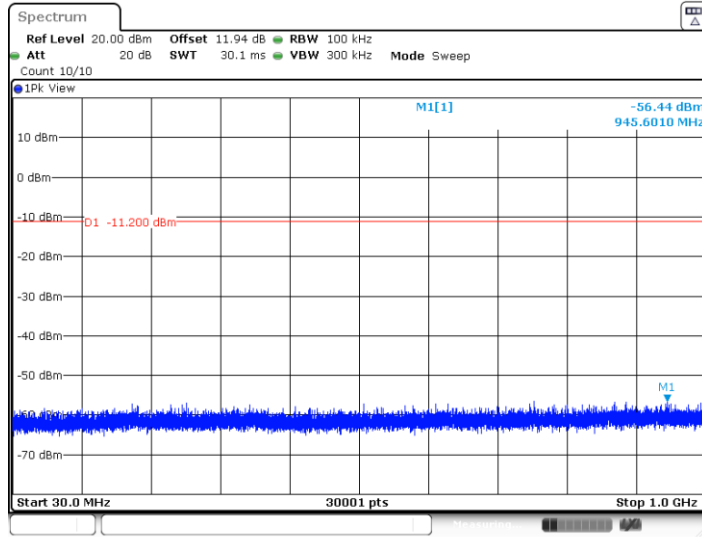






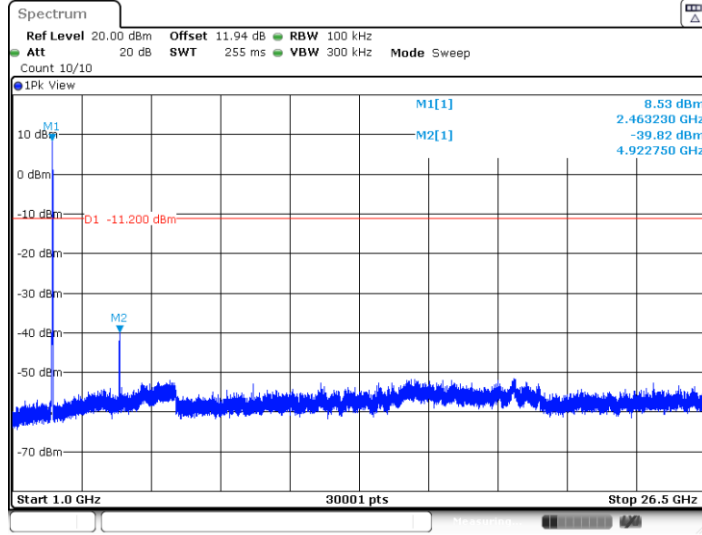


11G-CDD\_Ant6\_2462\_30~1000



Date: 3.FEB.2024 10:22:42

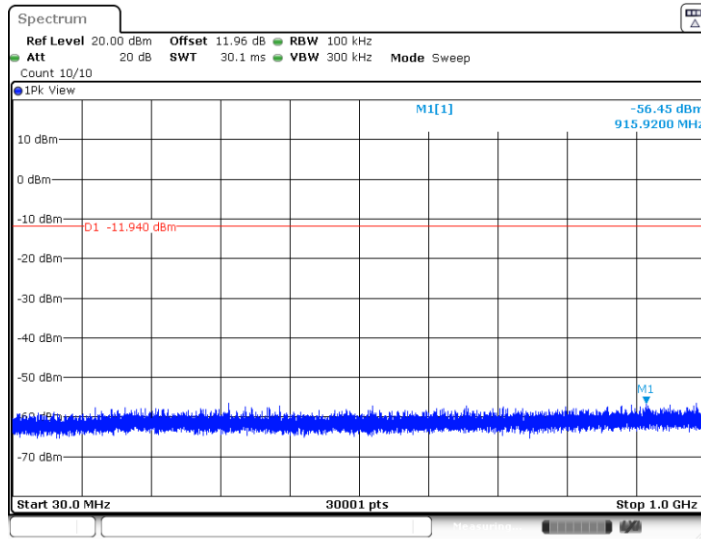
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Date: 3.FEB.2024 10:22:57

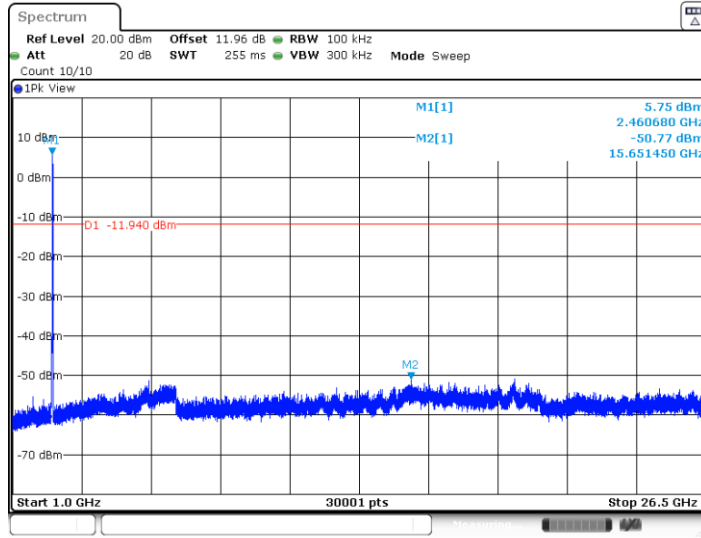


11G-CDD\_Ant8\_2462\_30~1000

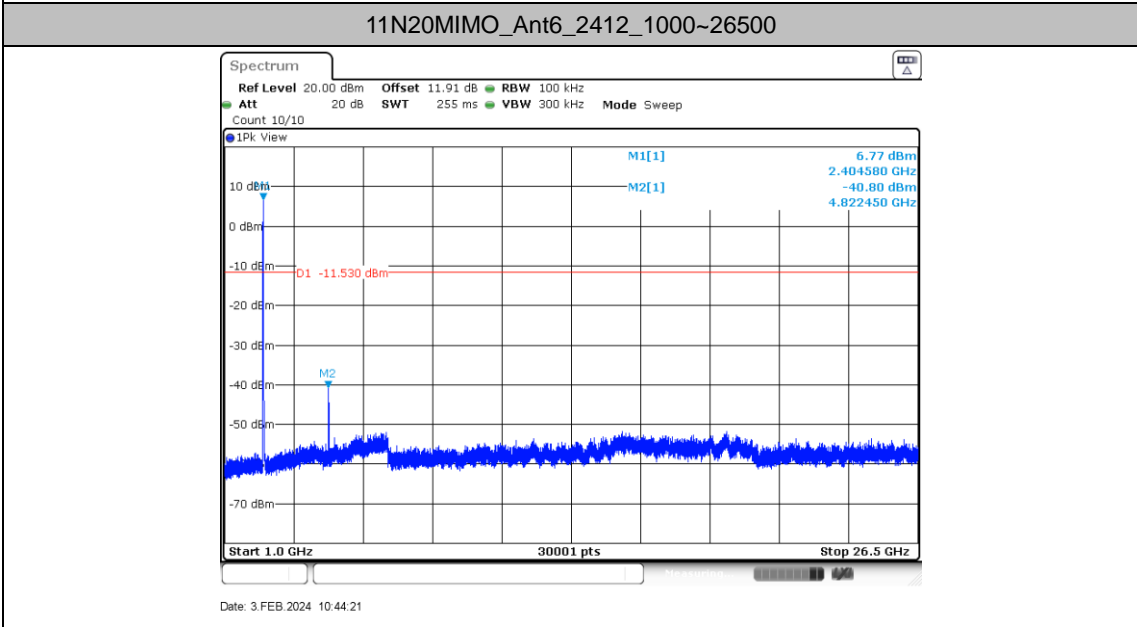
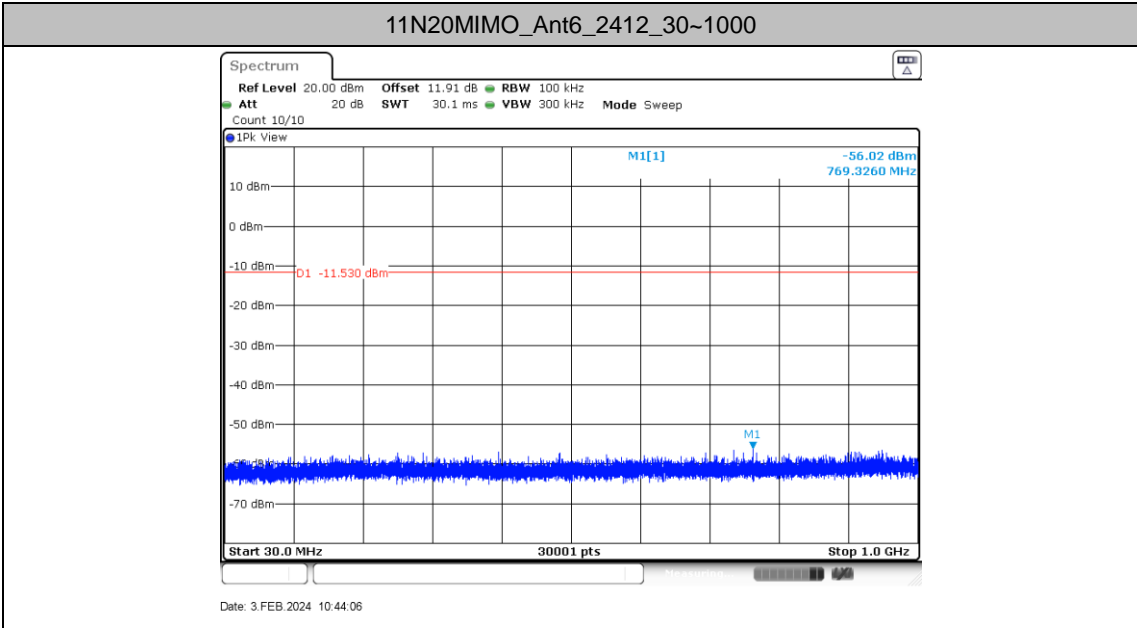


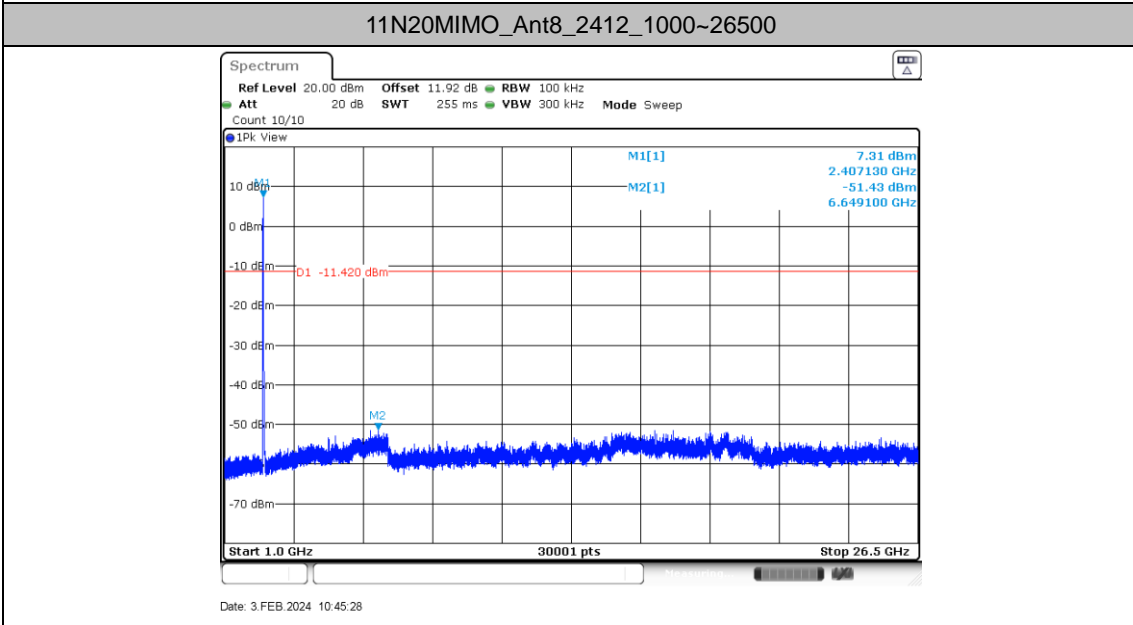
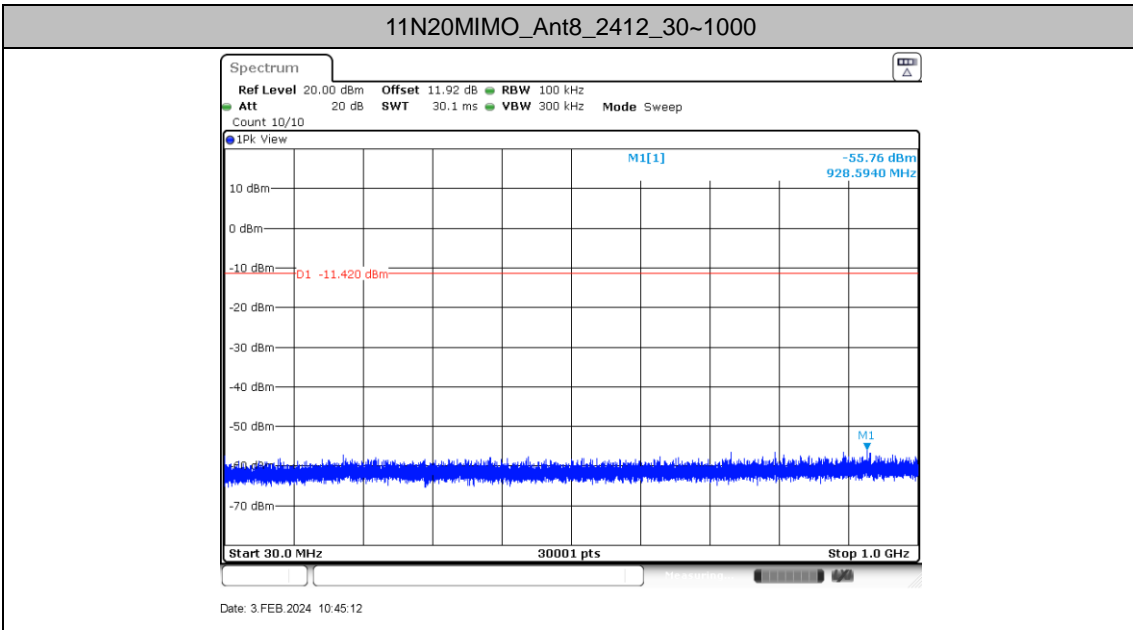
Date: 3.FEB.2024 10:23:48

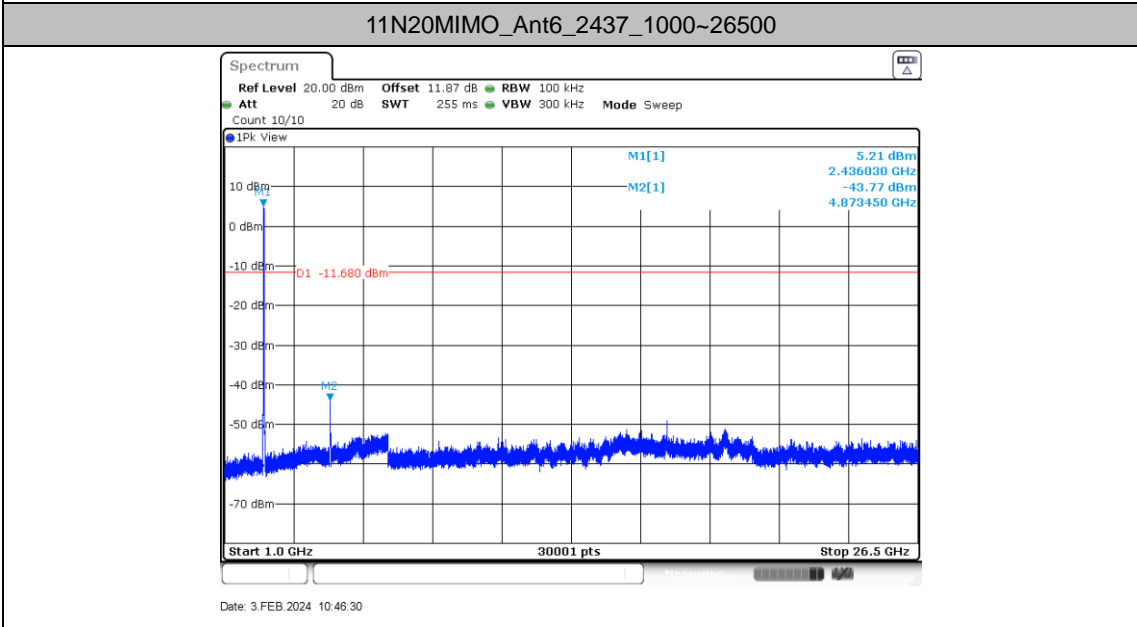
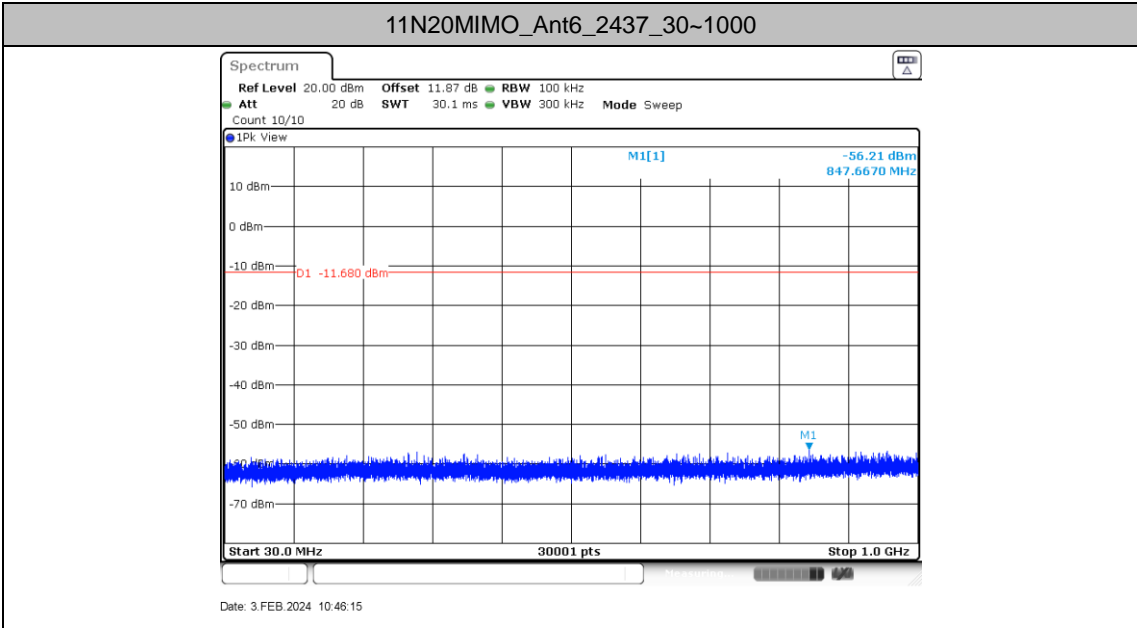
11G-CDD\_Ant8\_2462\_1000~26500

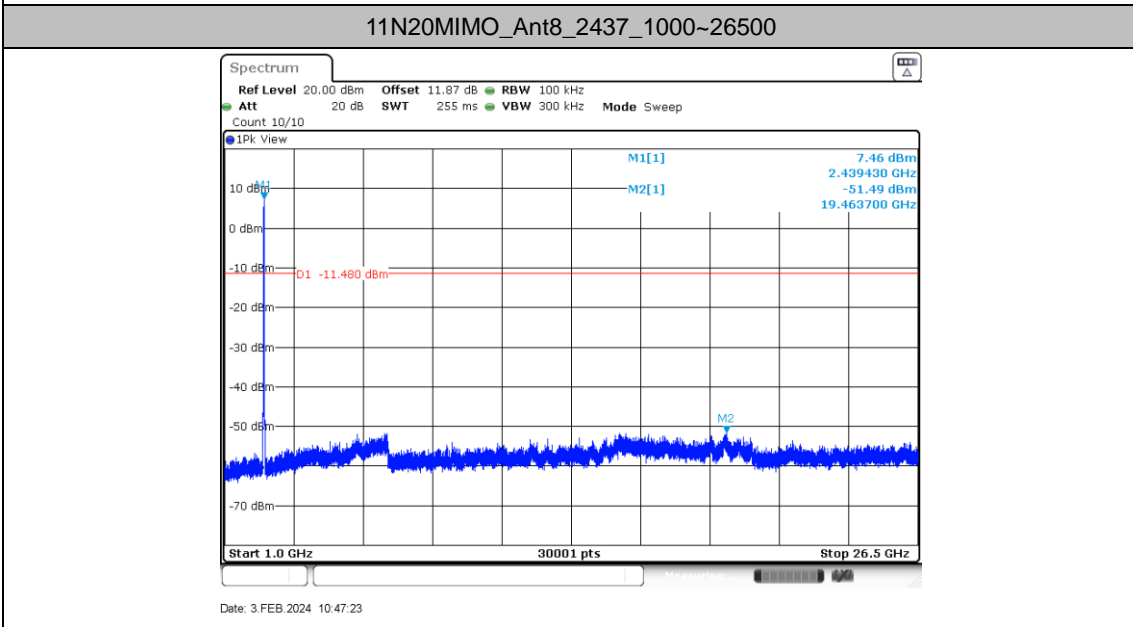
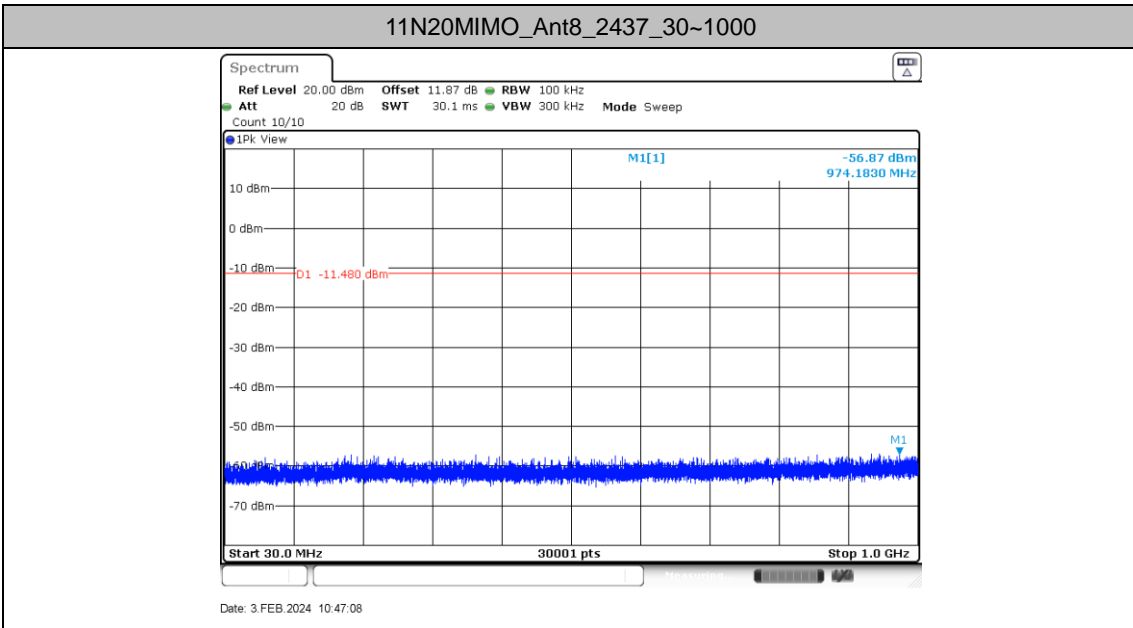


Date: 3.FEB.2024 10:24:03



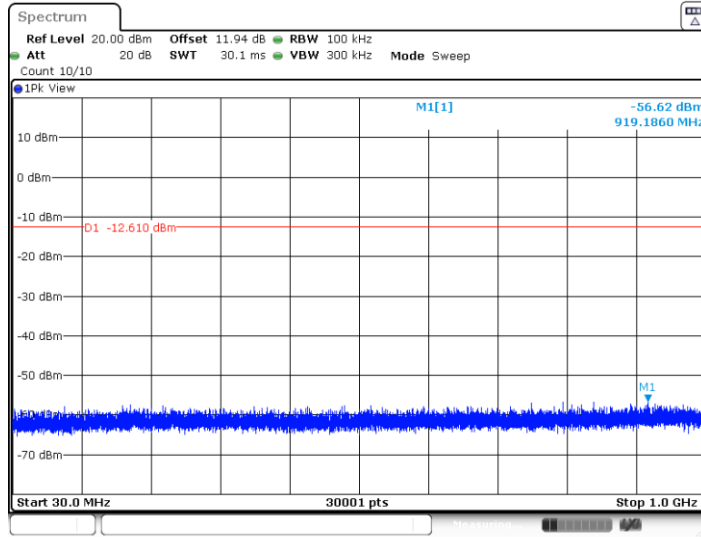






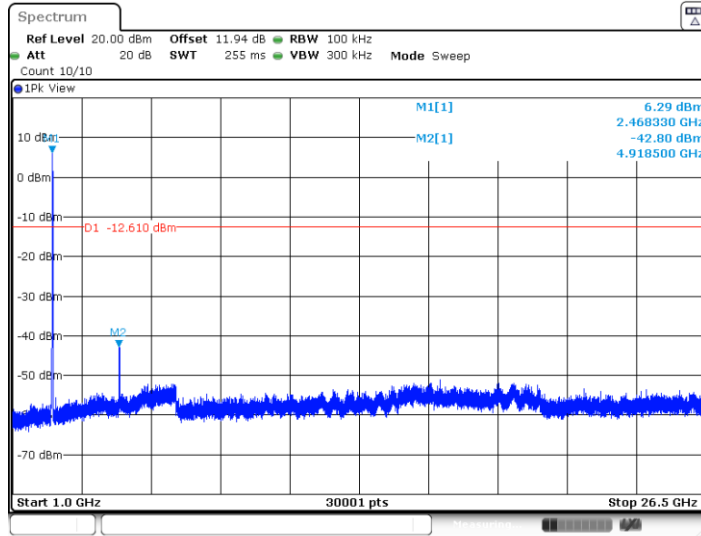


11N20MIMO\_Ant6\_2462\_30~1000



Date: 3.FEB.2024 10:48:46

11N20MIMO\_Ant6\_2462\_1000~26500

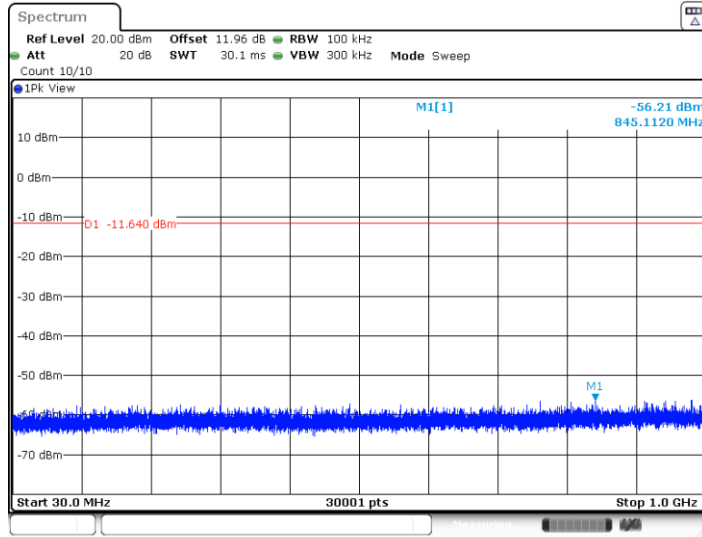


Date: 3.FEB.2024 10:49:02



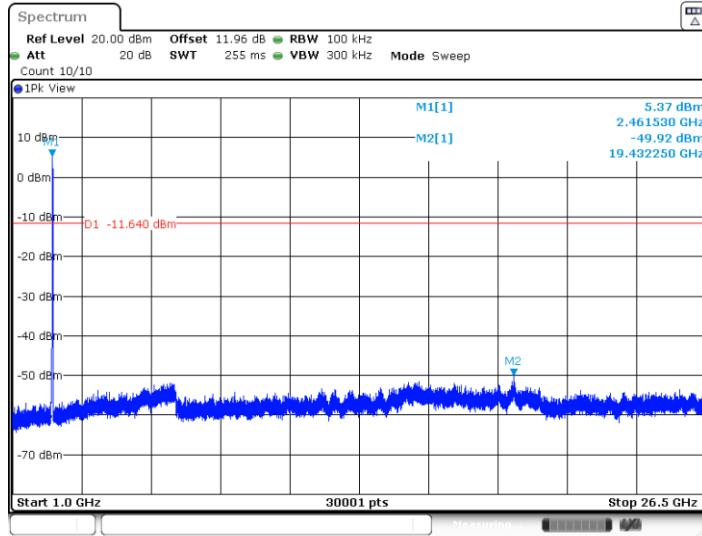


11N20MIMO\_Ant8\_2462\_30~1000

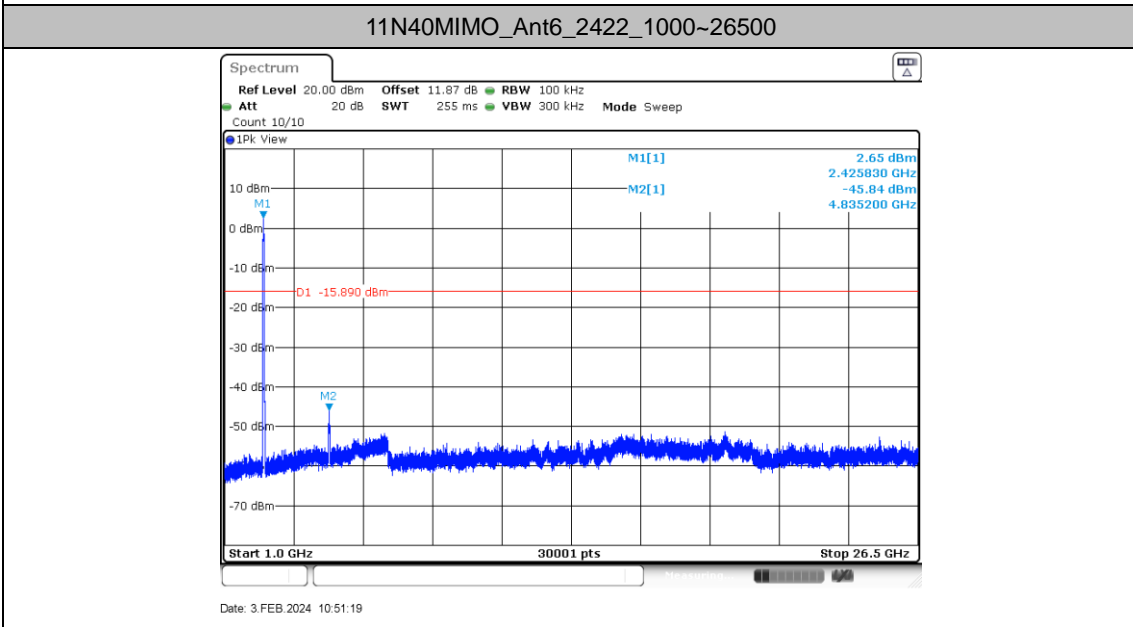
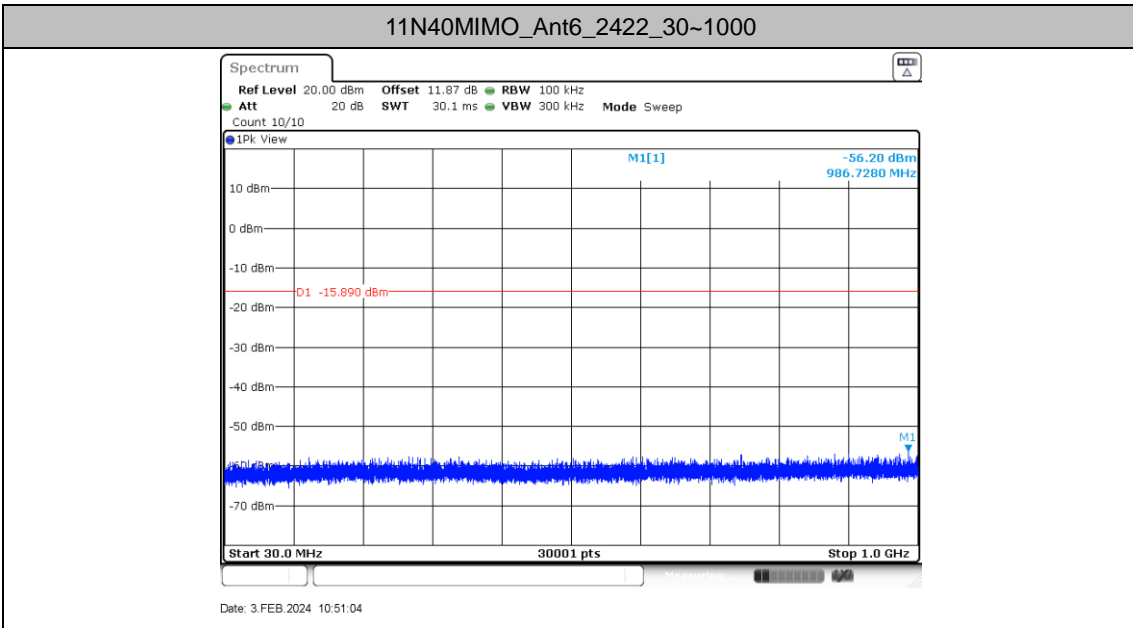


Date: 3.FEB.2024 10:49:53

11N20MIMO\_Ant8\_2462\_1000~26500

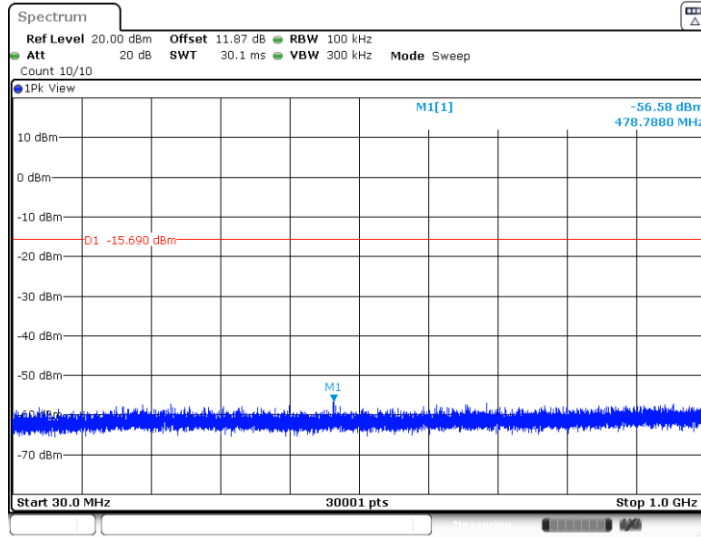


Date: 3.FEB.2024 10:50:08



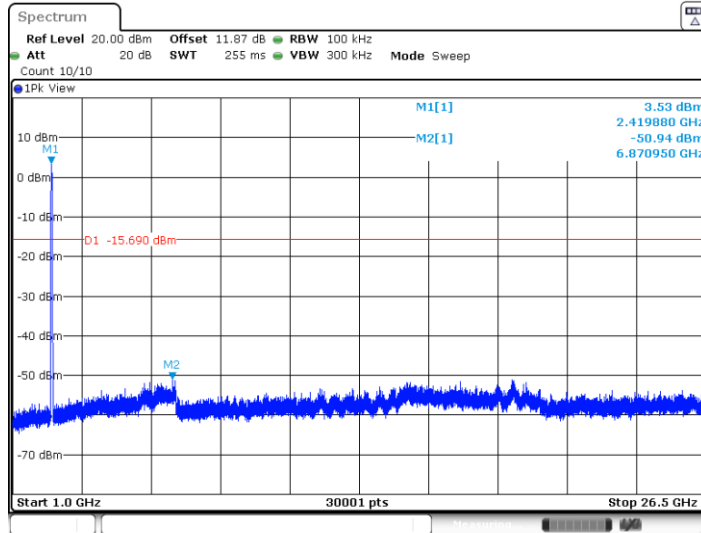


11N40MIMO\_Ant8\_2422\_30~1000



Date: 3.FEB.2024 10:52:10

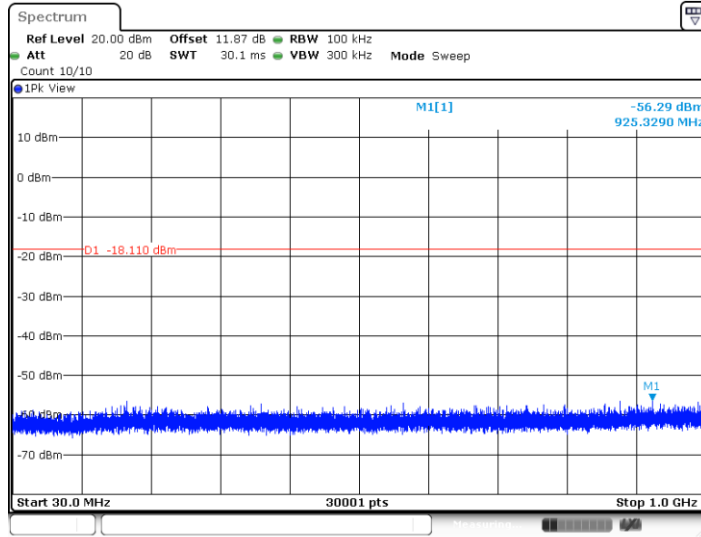
11N40MIMO\_Ant8\_2422\_1000~26500



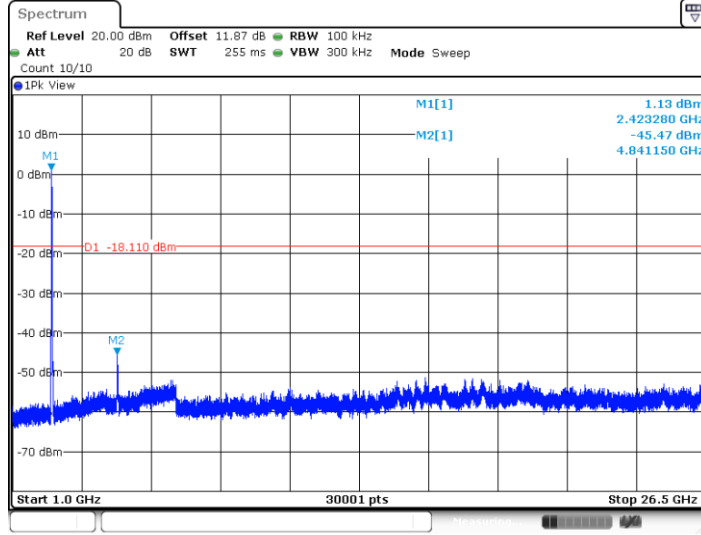
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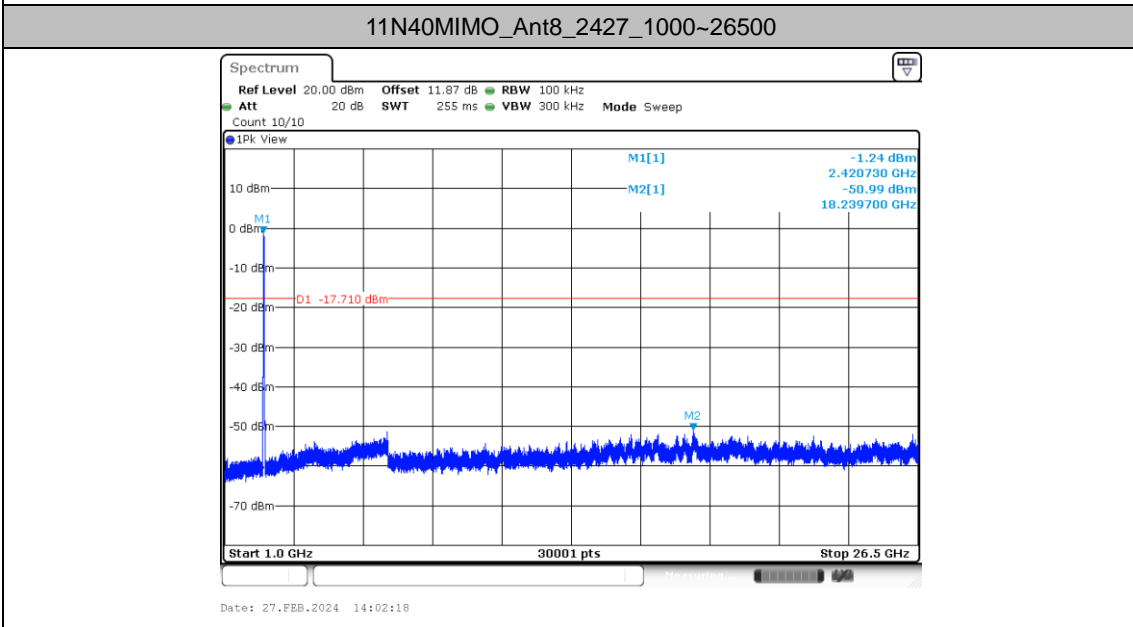
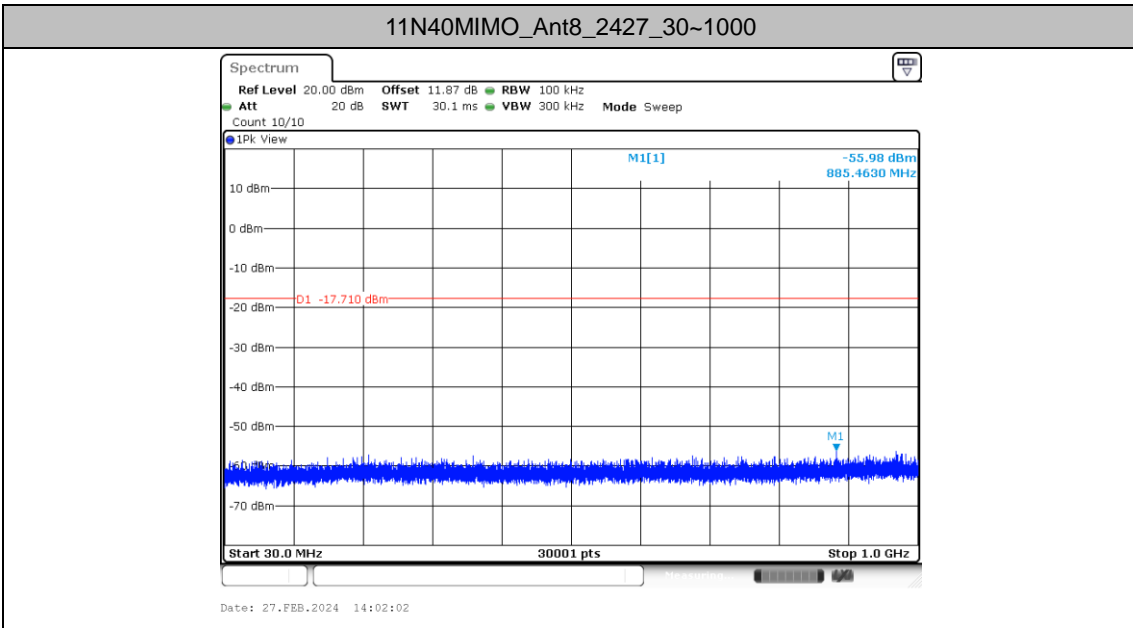


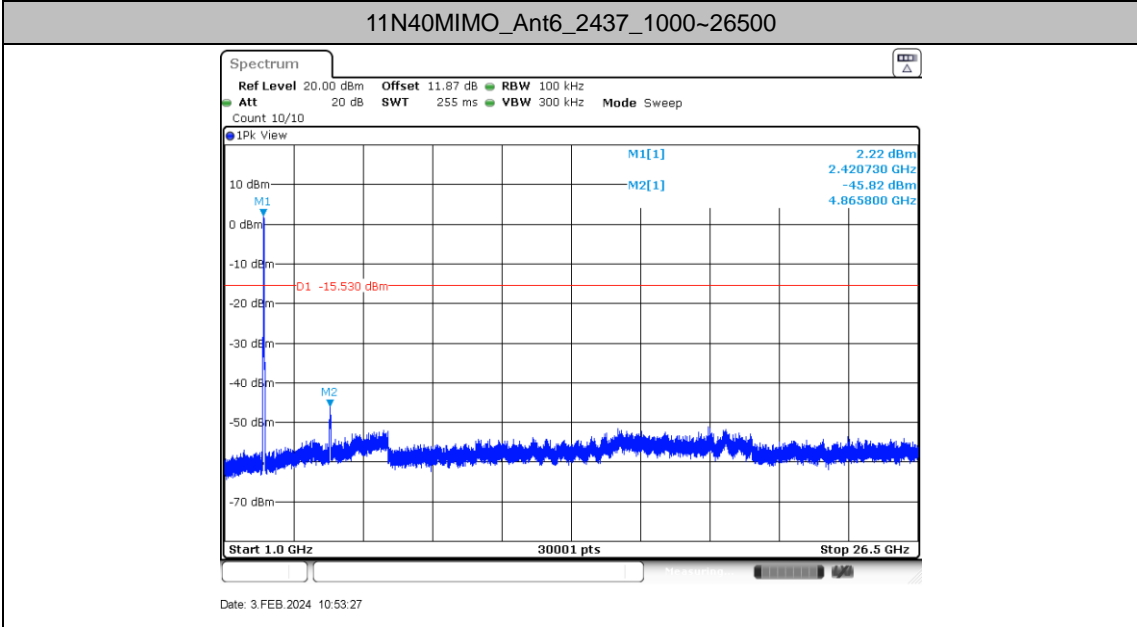
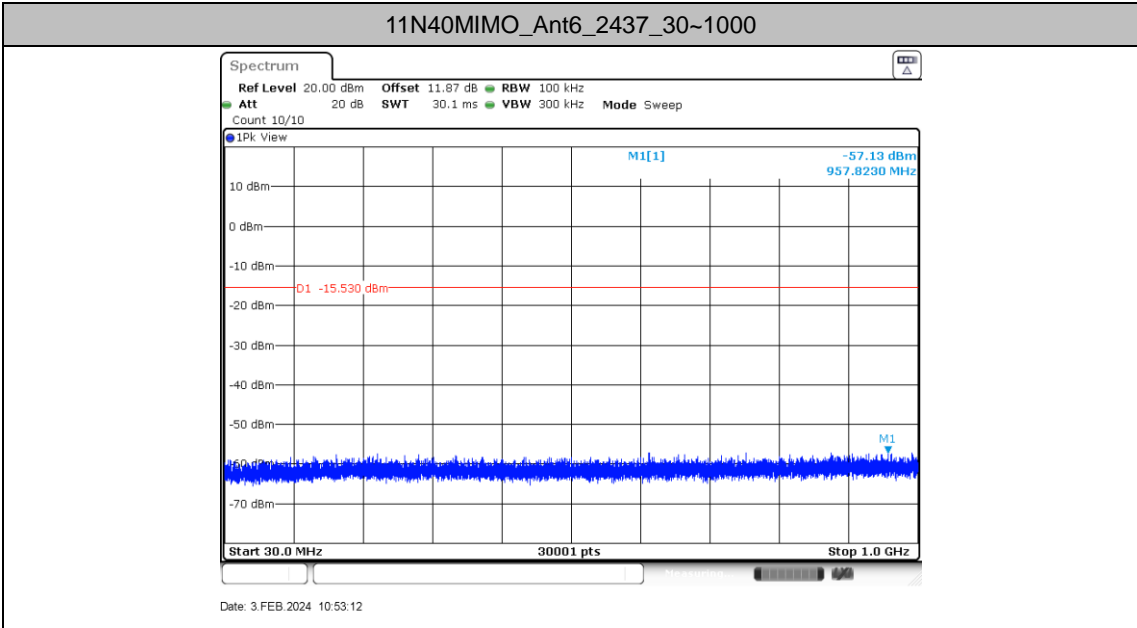
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11N40MIMO\_Ant6\_2427\_1000~26500

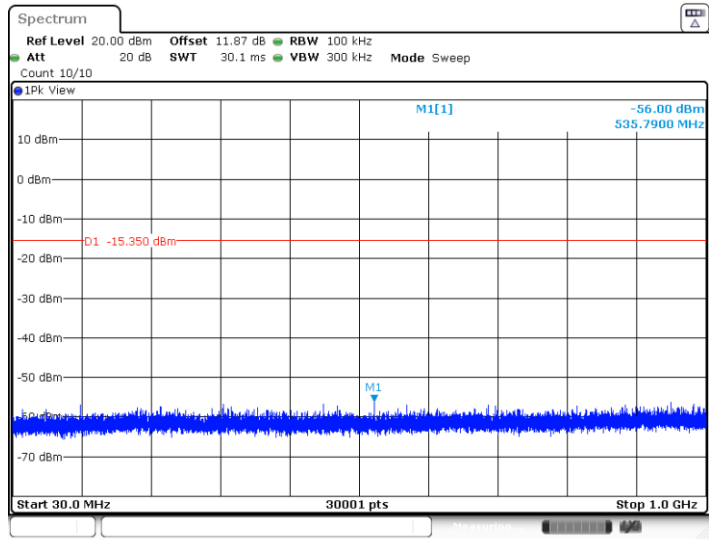






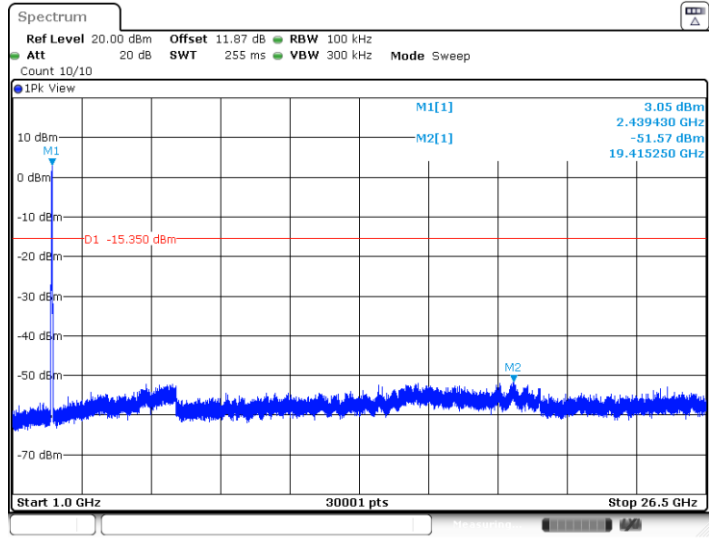


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Date: 3.FEB.2024 10:54:07

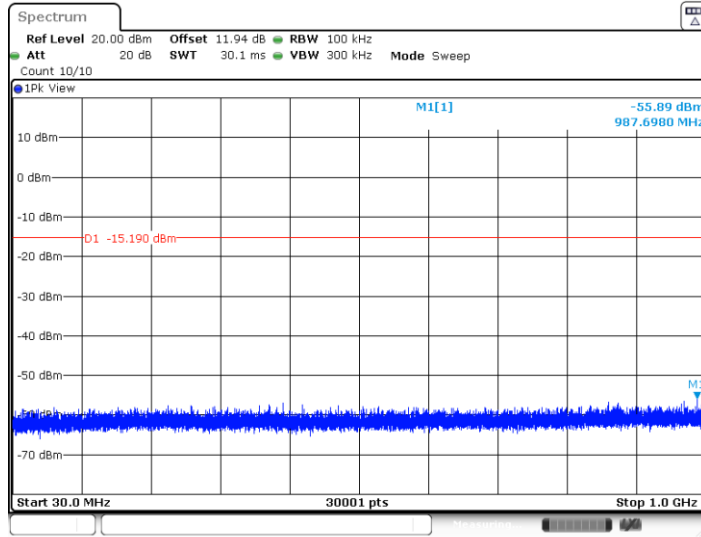
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Date: 3.FEB.2024 10:54:22

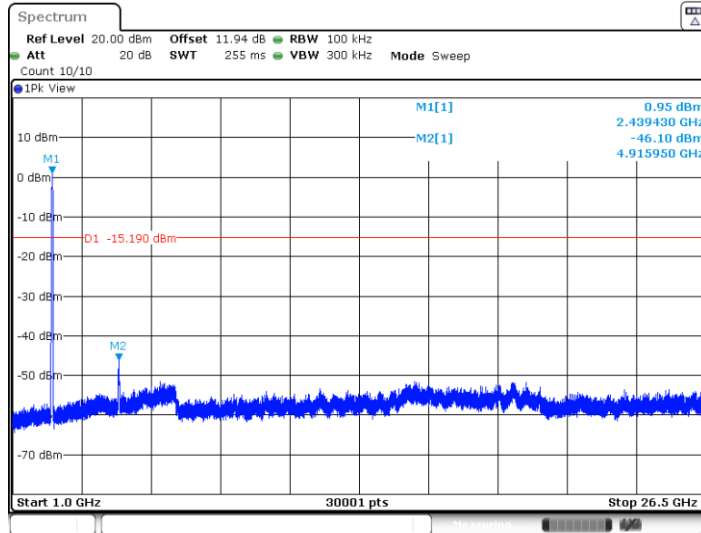


11N40MIMO\_Ant6\_2452\_30~1000



Date: 3.FEB.2024 10:55:26

11N40MIMO\_Ant6\_2452\_1000~26500

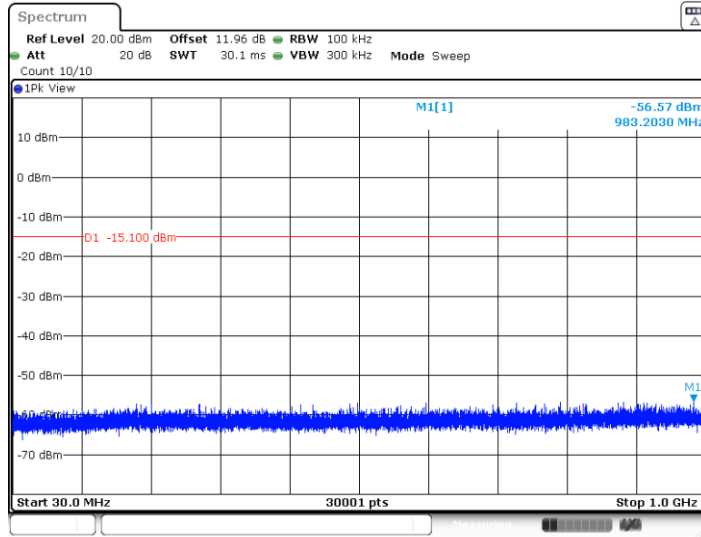


Date: 3.FEB.2024 10:55:41



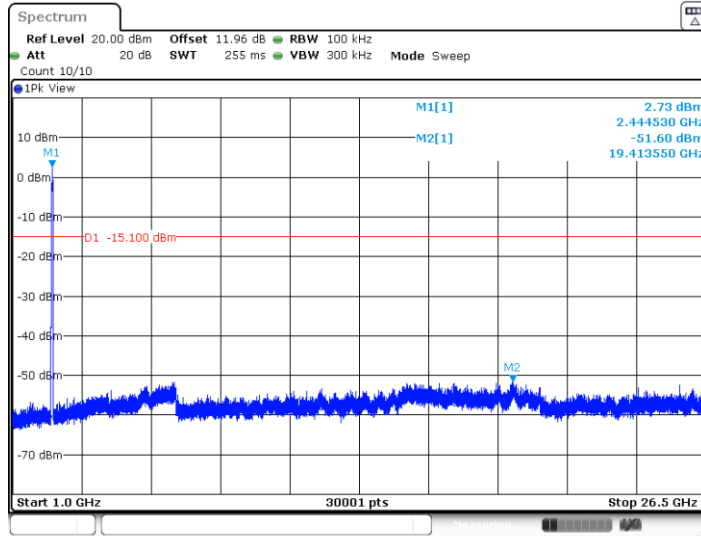


11N40MIMO\_Ant8\_2452\_30~1000



Date: 3.FEB.2024 10:56:32

11N40MIMO\_Ant8\_2452\_1000~26500

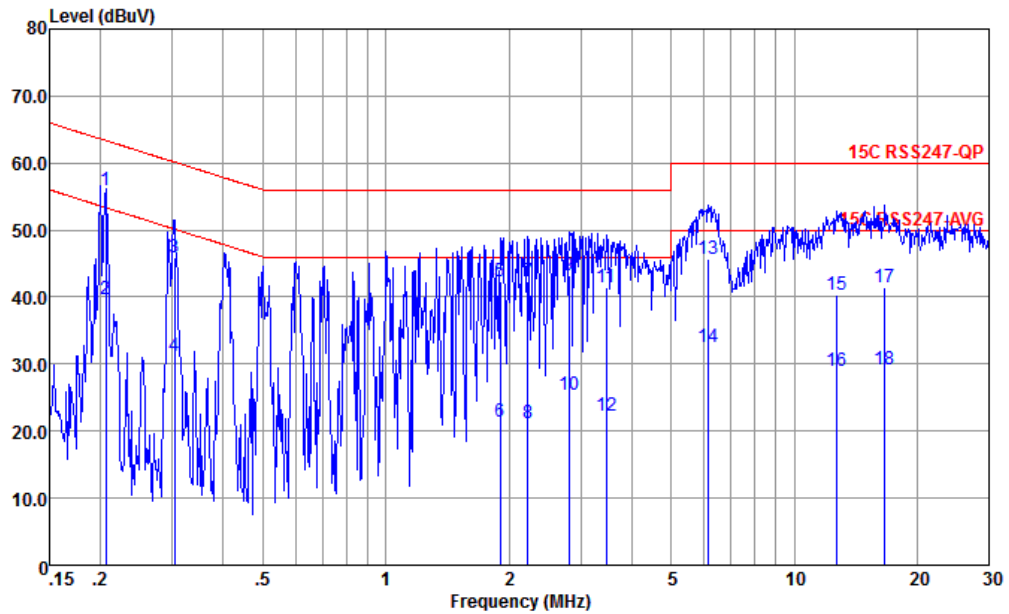


Date: 3.FEB.2024 10:56:48



## Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS  
 Condition : 15C RSS247-QP LISN-060105-L 2023 LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1 *	0.206	56.03	-7.33	63.36	45.60	0.03	10.40	QP
2	0.206	39.73	-13.63	53.36	29.30	0.03	10.40	Average
3	0.303	45.87	-14.28	60.15	35.50	0.04	10.33	QP
4	0.303	31.27	-18.88	50.15	20.90	0.04	10.33	Average
5	1.908	42.44	-13.56	56.00	32.50	-0.14	10.08	QP
6	1.908	21.44	-24.56	46.00	11.50	-0.14	10.08	Average
7	2.225	42.45	-13.55	56.00	32.49	-0.12	10.08	QP
8	2.225	21.25	-24.75	46.00	11.29	-0.12	10.08	Average
9	2.809	43.18	-12.82	56.00	33.20	-0.09	10.07	QP
10	2.809	25.48	-20.52	46.00	15.50	-0.09	10.07	Average
11	3.472	41.47	-14.53	56.00	31.50	-0.10	10.07	QP
12	3.472	22.27	-23.73	46.00	12.30	-0.10	10.07	Average
13	6.153	45.58	-14.42	60.00	35.60	-0.14	10.12	QP
14	6.153	32.58	-17.42	50.00	22.60	-0.14	10.12	Average
15	12.716	40.41	-19.59	60.00	29.50	-0.14	11.05	QP
16	12.716	29.01	-20.99	50.00	18.10	-0.14	11.05	Average
17	16.661	41.55	-18.45	60.00	30.50	-0.21	11.26	QP
18	16.661	29.25	-20.75	50.00	18.20	-0.21	11.26	Average