



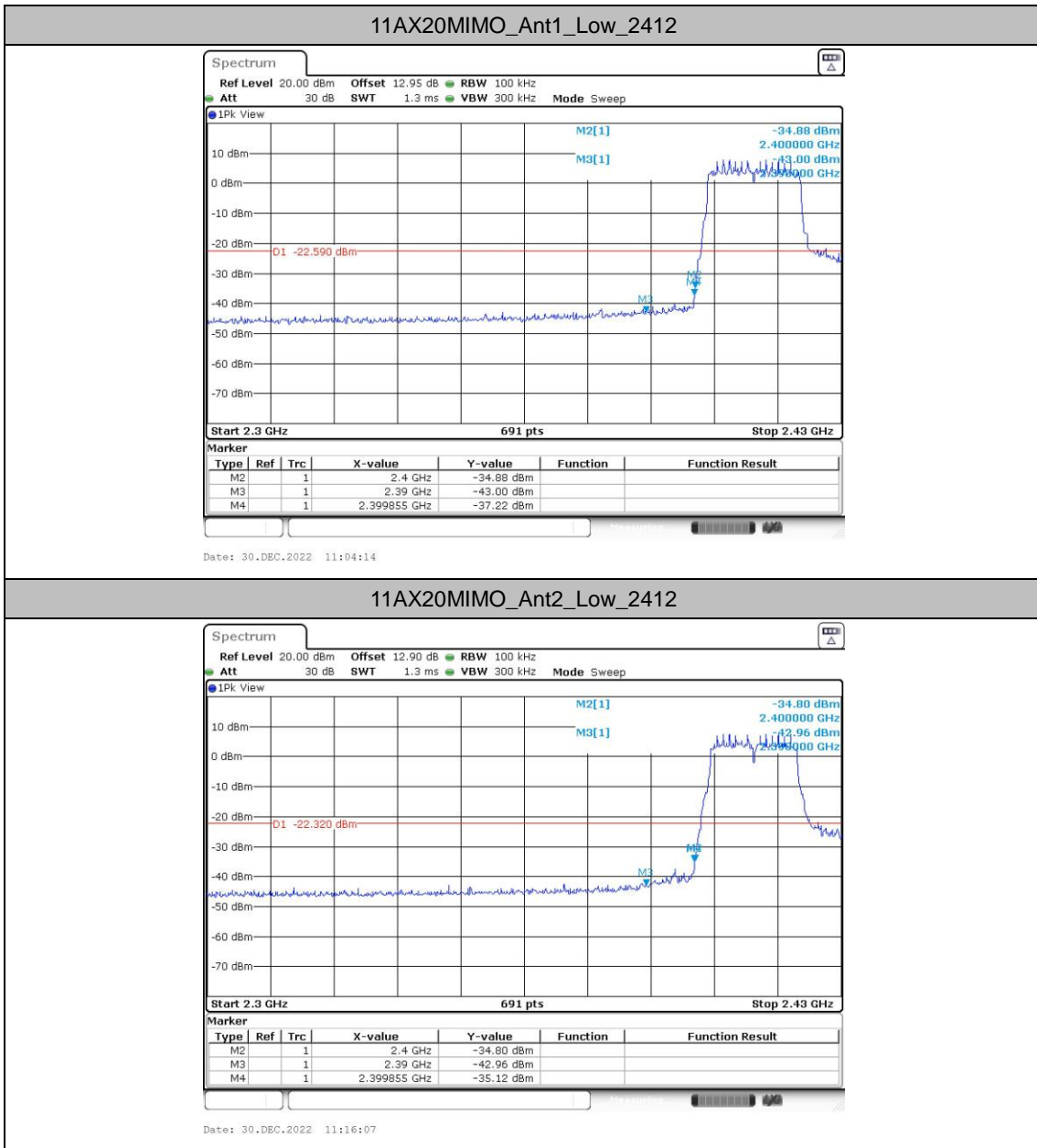
Band edge measurements

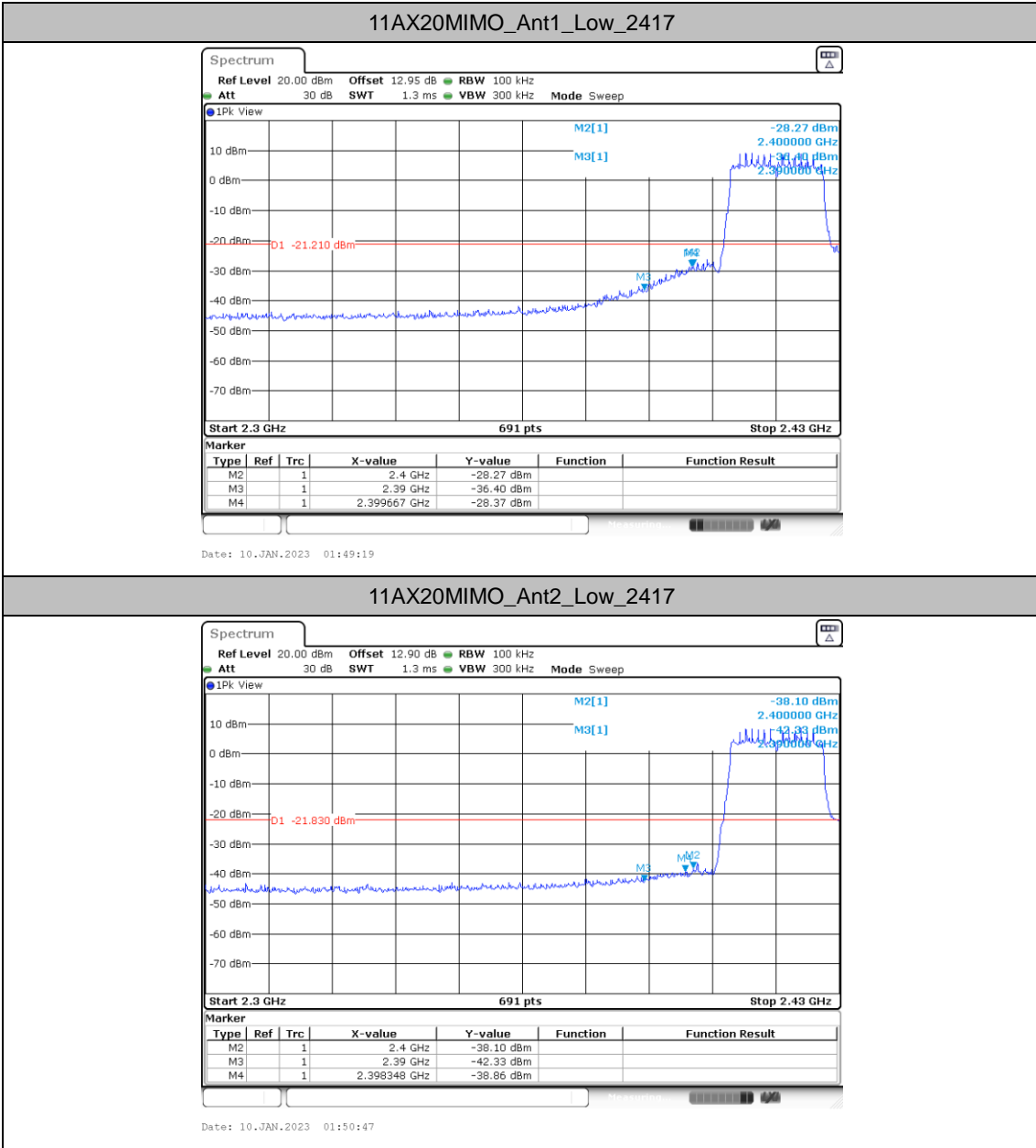
Test Result

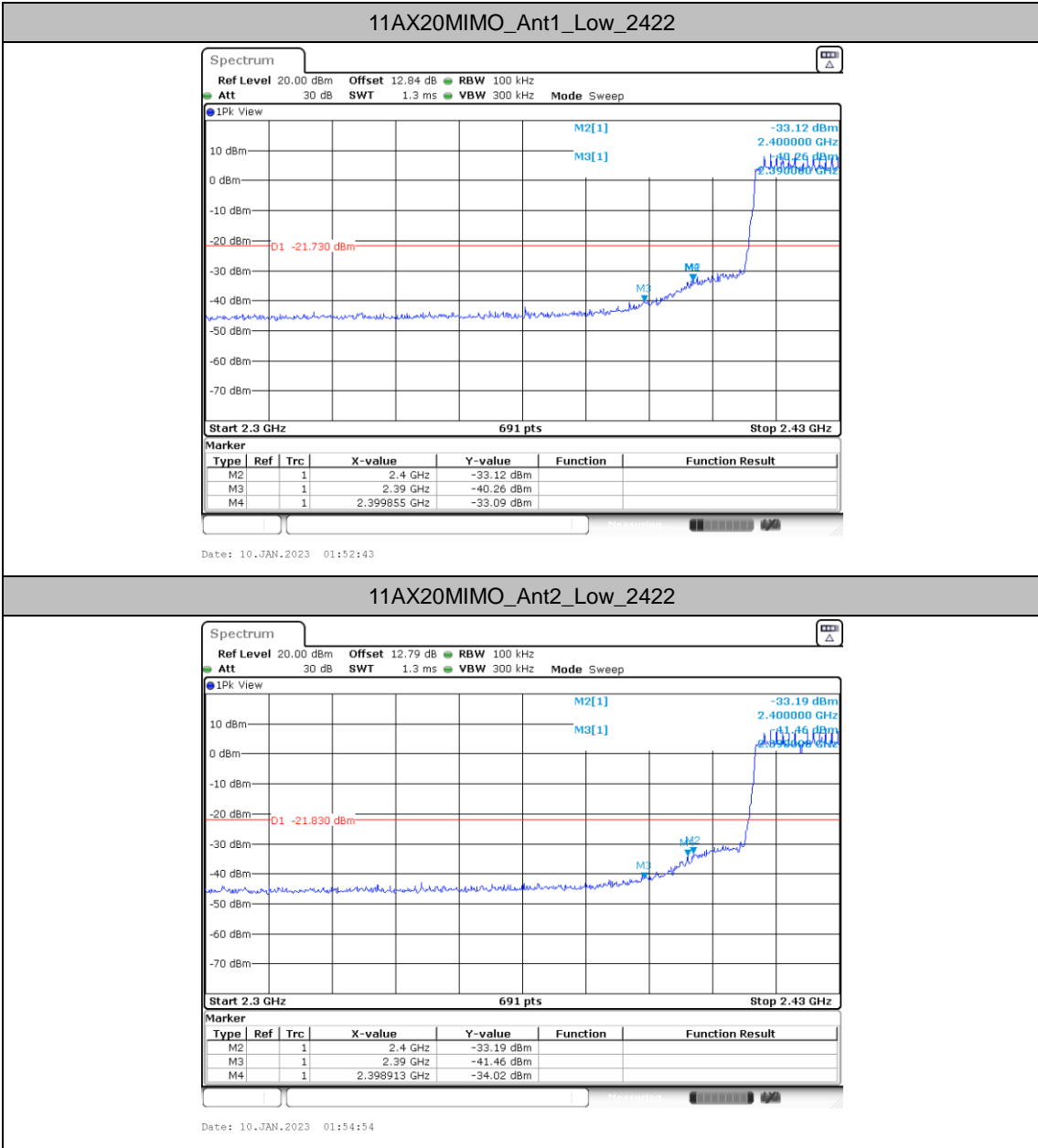
TestMode	Antenna	ChName	Freq (MHz)	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
11AX20MIMO	Ant1	Low	2412	7.41	-37.22	≤-22.59	PASS
	Ant2	Low	2412	7.68	-35.12	≤-22.32	PASS
	Ant1	Low	2417	8.79	-28.37	≤-21.21	PASS
	Ant2	Low	2417	8.17	-38.86	≤-21.83	PASS
	Ant1	Low	2422	8.27	-33.09	≤-21.73	PASS
	Ant2	Low	2422	8.17	-34.02	≤-21.83	PASS
	Ant1	Low	2427	9.09	-37.12	≤-20.91	PASS
	Ant2	Low	2427	9.14	-38.38	≤-20.86	PASS
	Ant1	Low	2432	10.40	-38.31	≤-19.6	PASS
	Ant2	Low	2432	10.37	-39.26	≤-19.63	PASS
	Ant1	High	2442	11.24	-39.64	≤-18.76	PASS
	Ant2	High	2442	10.99	-41.4	≤-19.01	PASS
	Ant1	High	2447	9.35	-40.52	≤-20.65	PASS
	Ant2	High	2447	9.33	-39.14	≤-20.67	PASS
	Ant1	High	2452	9.25	-39.21	≤-20.75	PASS
	Ant2	High	2452	9.13	-37.66	≤-20.87	PASS
	Ant1	High	2457	7.87	-42.06	≤-22.13	PASS
	Ant2	High	2457	7.84	-38.86	≤-22.16	PASS
	Ant1	High	2462	7.07	-41.68	≤-22.93	PASS
	Ant2	High	2462	6.99	-33.89	≤-23.01	PASS
11AX40MIMO	Ant1	Low	2422	2.24	-32.93	≤-27.76	PASS
	Ant2	Low	2422	2.66	-32.79	≤-27.34	PASS
	Ant1	Low	2427	3.40	-39.61	≤-26.6	PASS
	Ant2	Low	2427	3.72	-38.9	≤-26.28	PASS
	Ant1	High	2452	3.54	-40.05	≤-26.46	PASS
	Ant2	High	2452	3.43	-39.35	≤-26.57	PASS

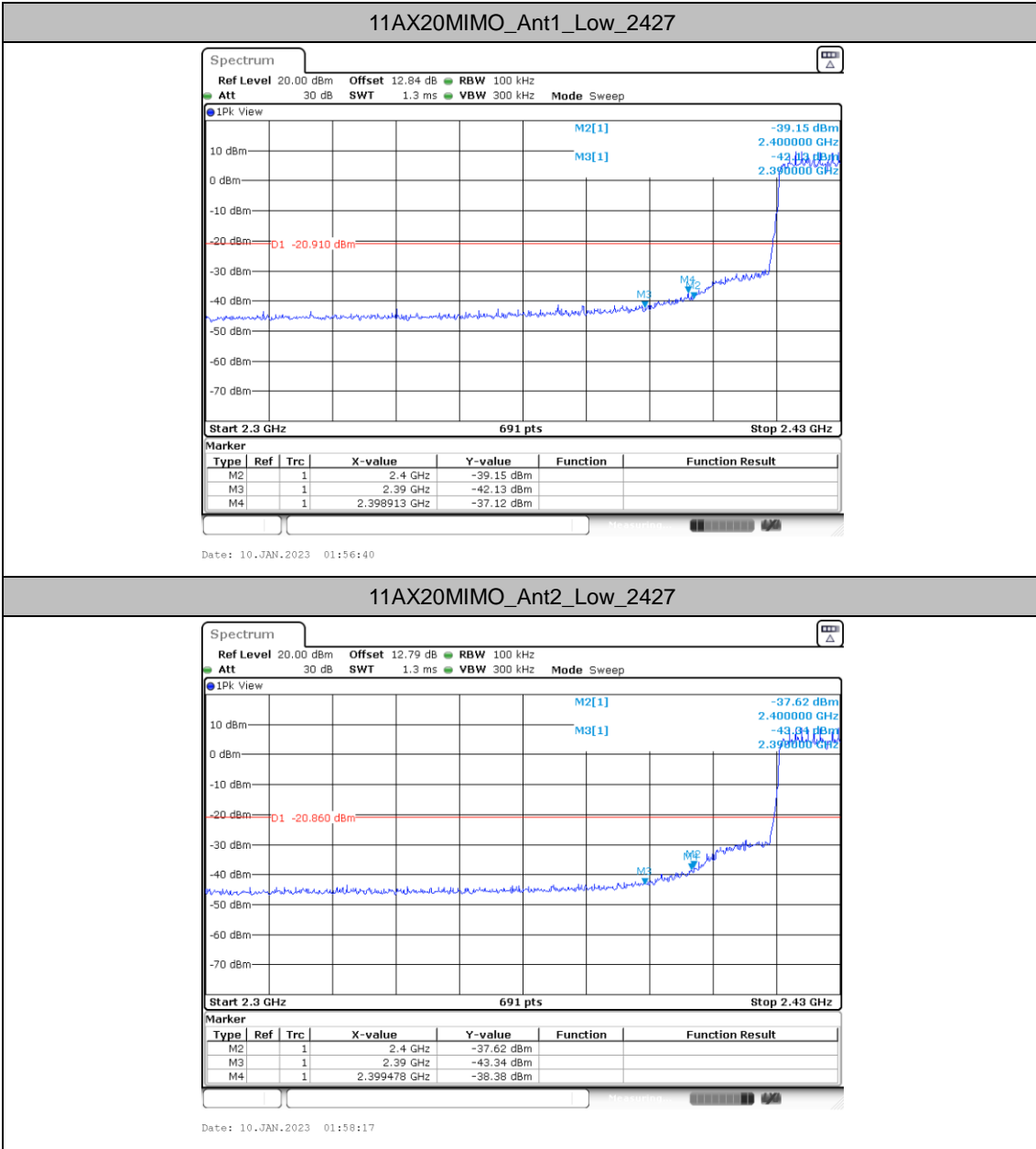


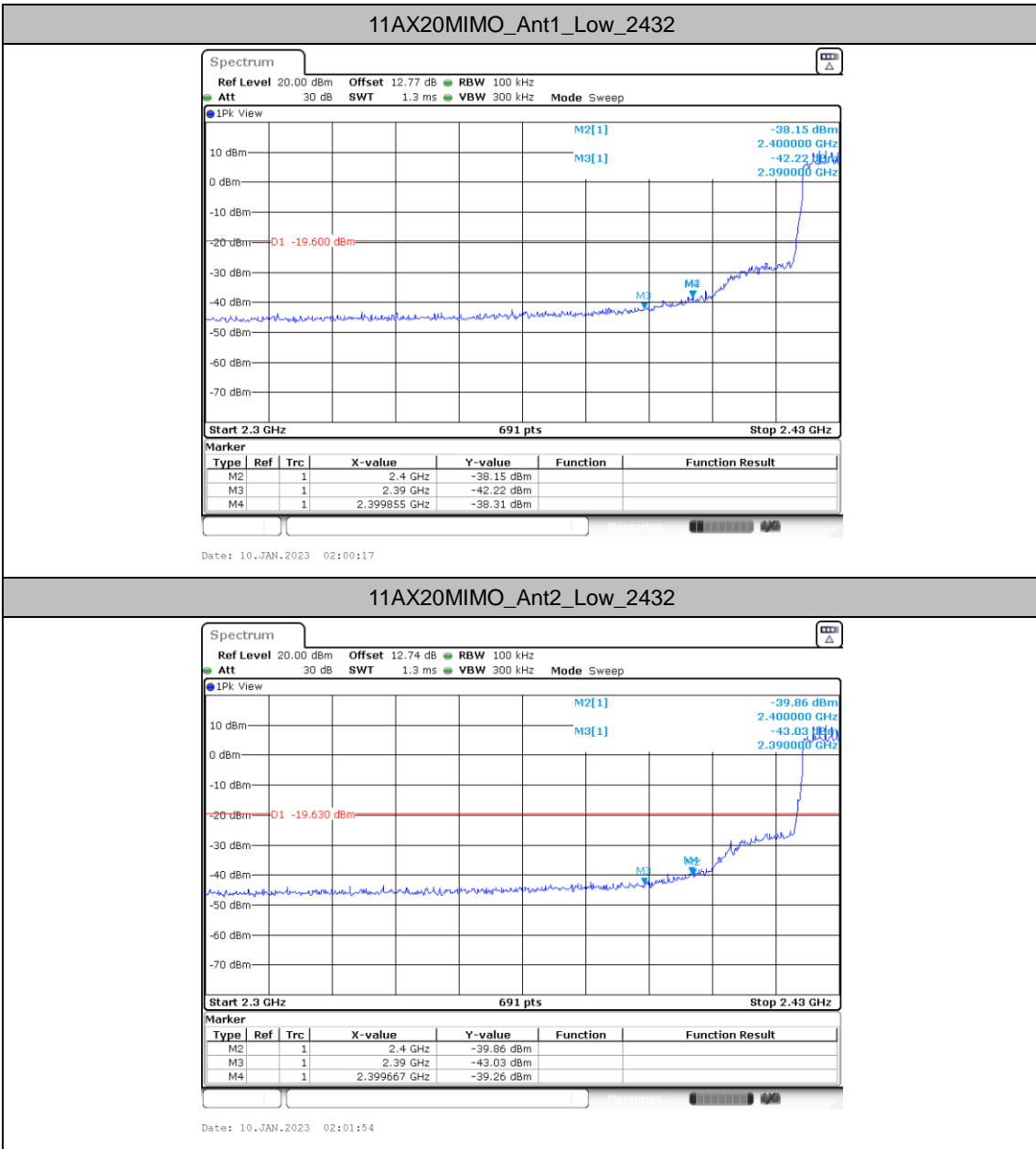
Test Graphs

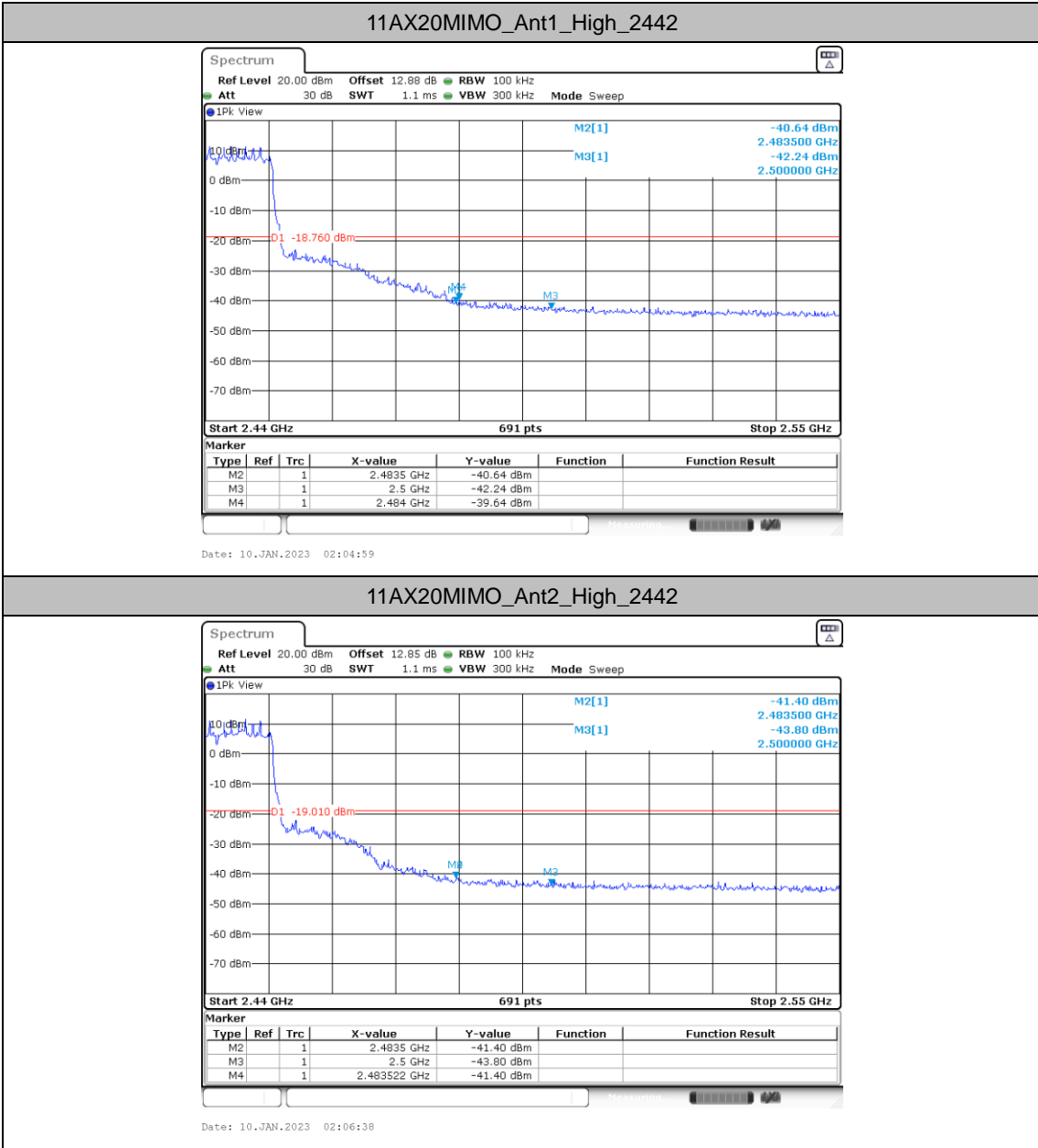


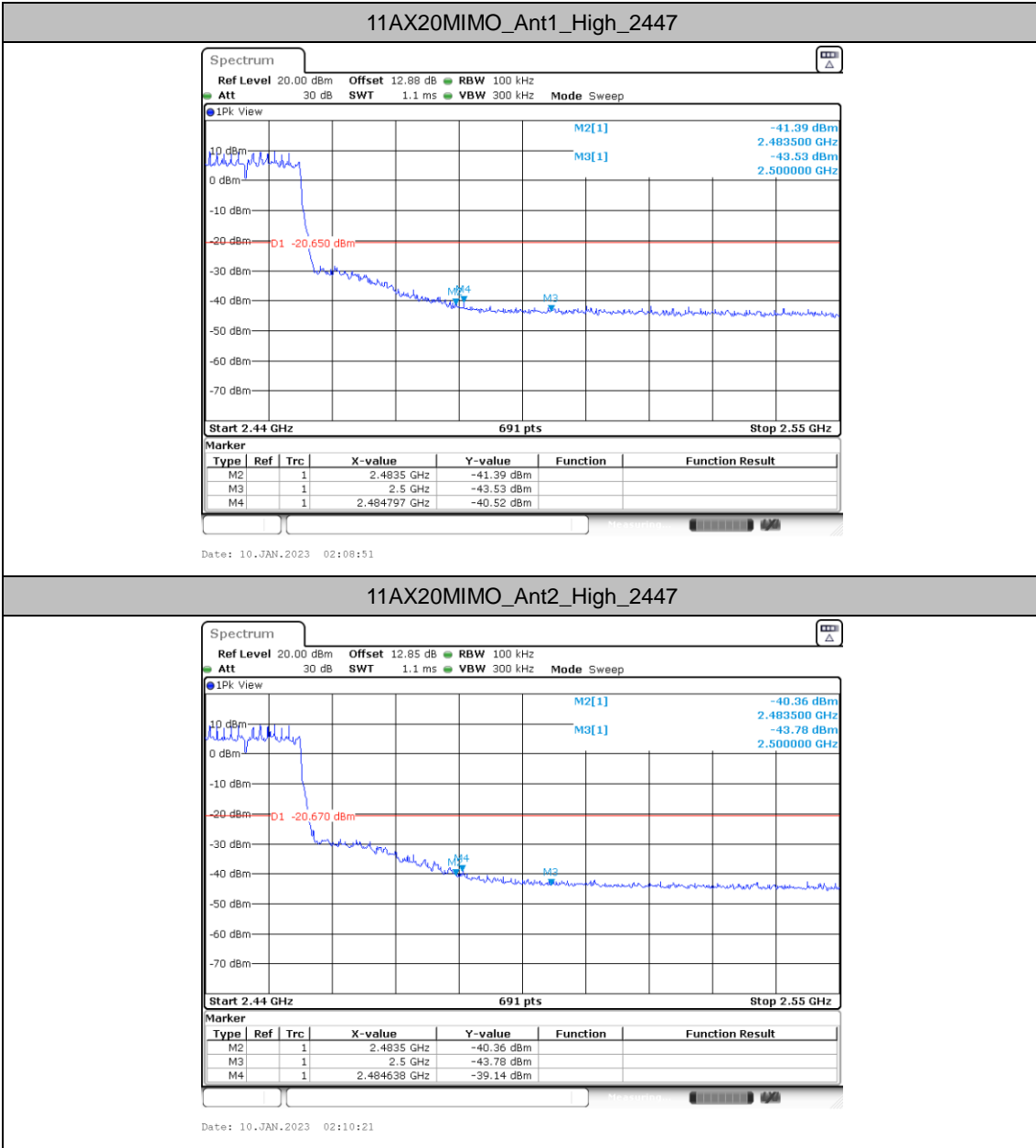


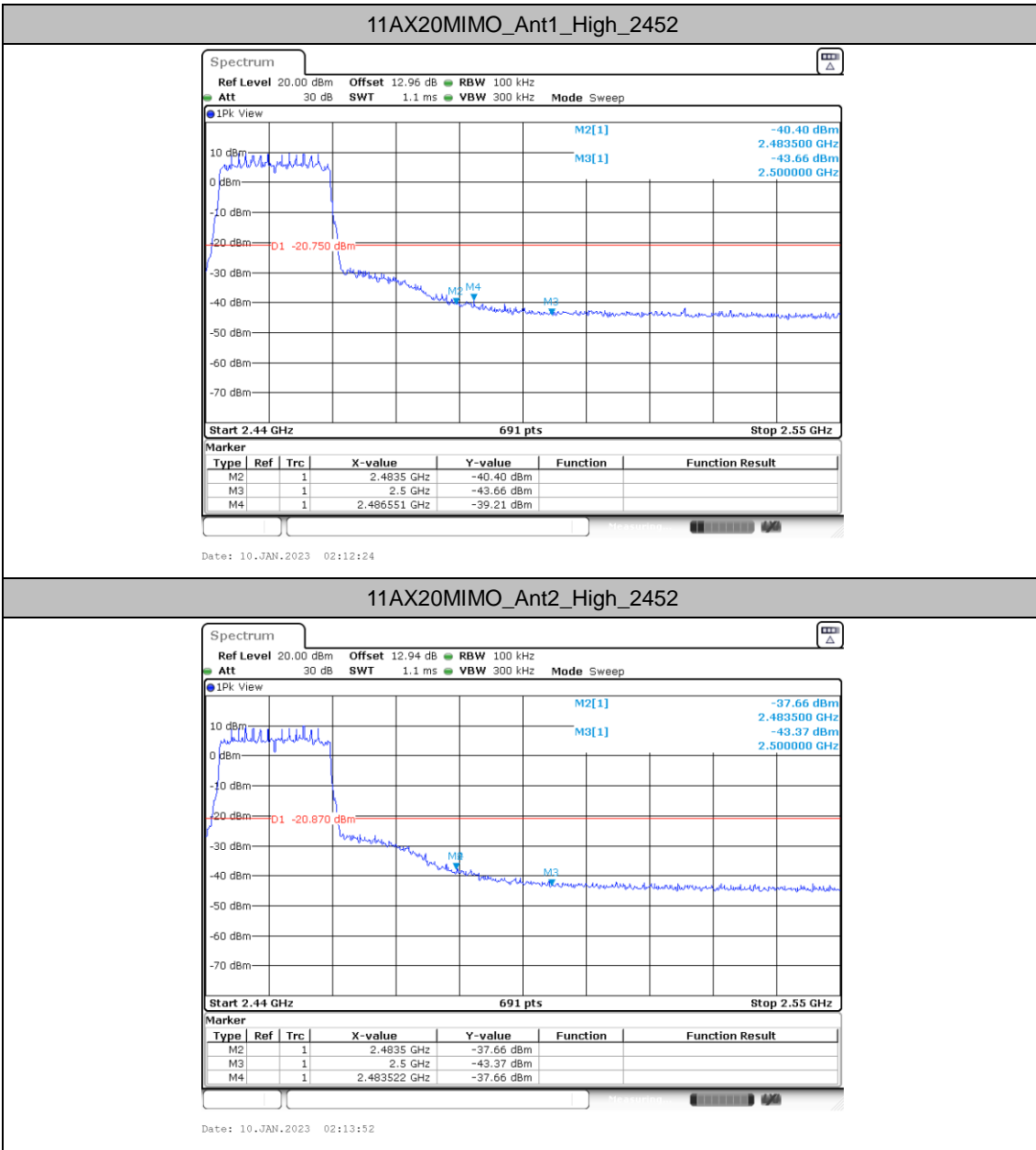


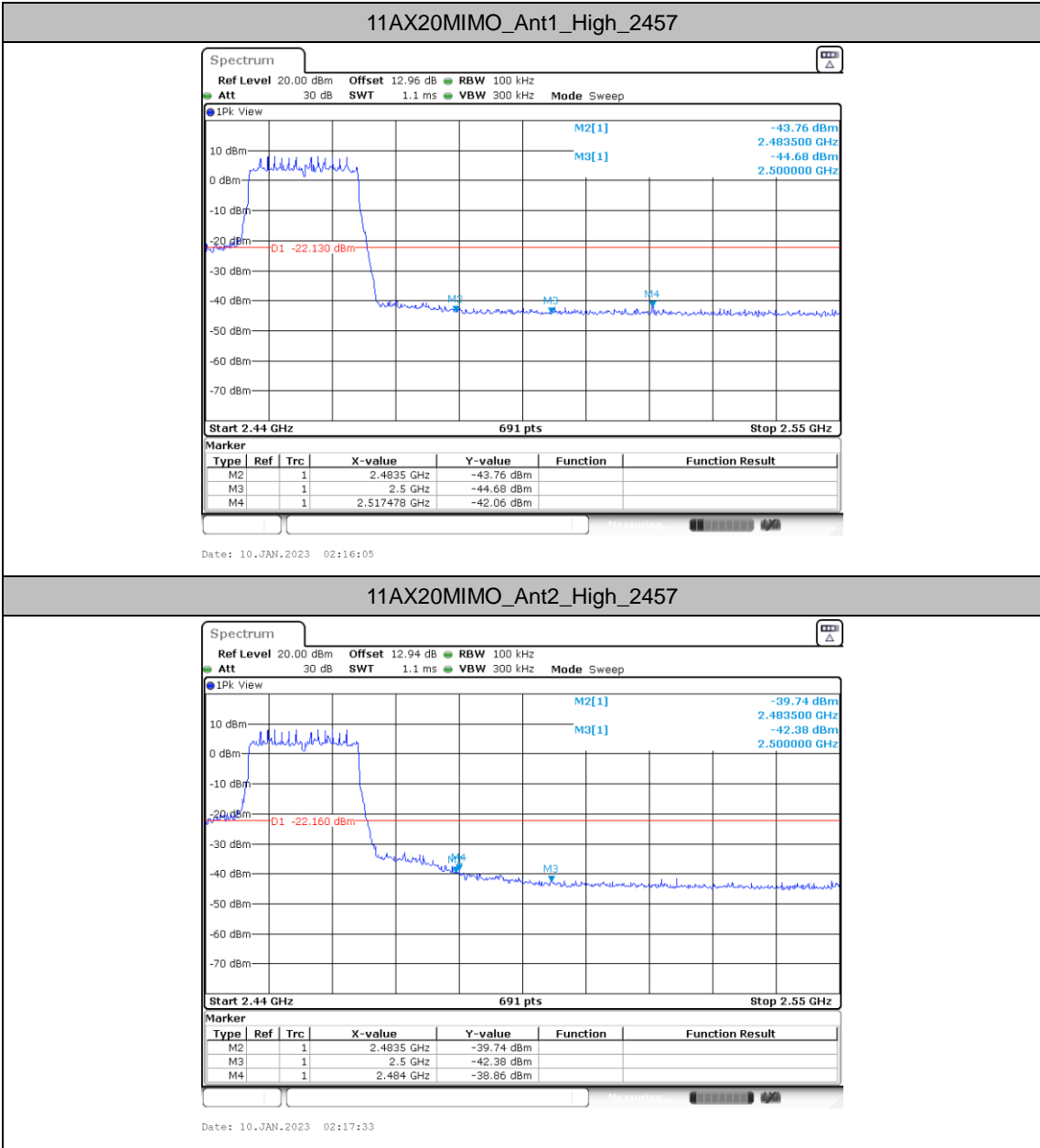


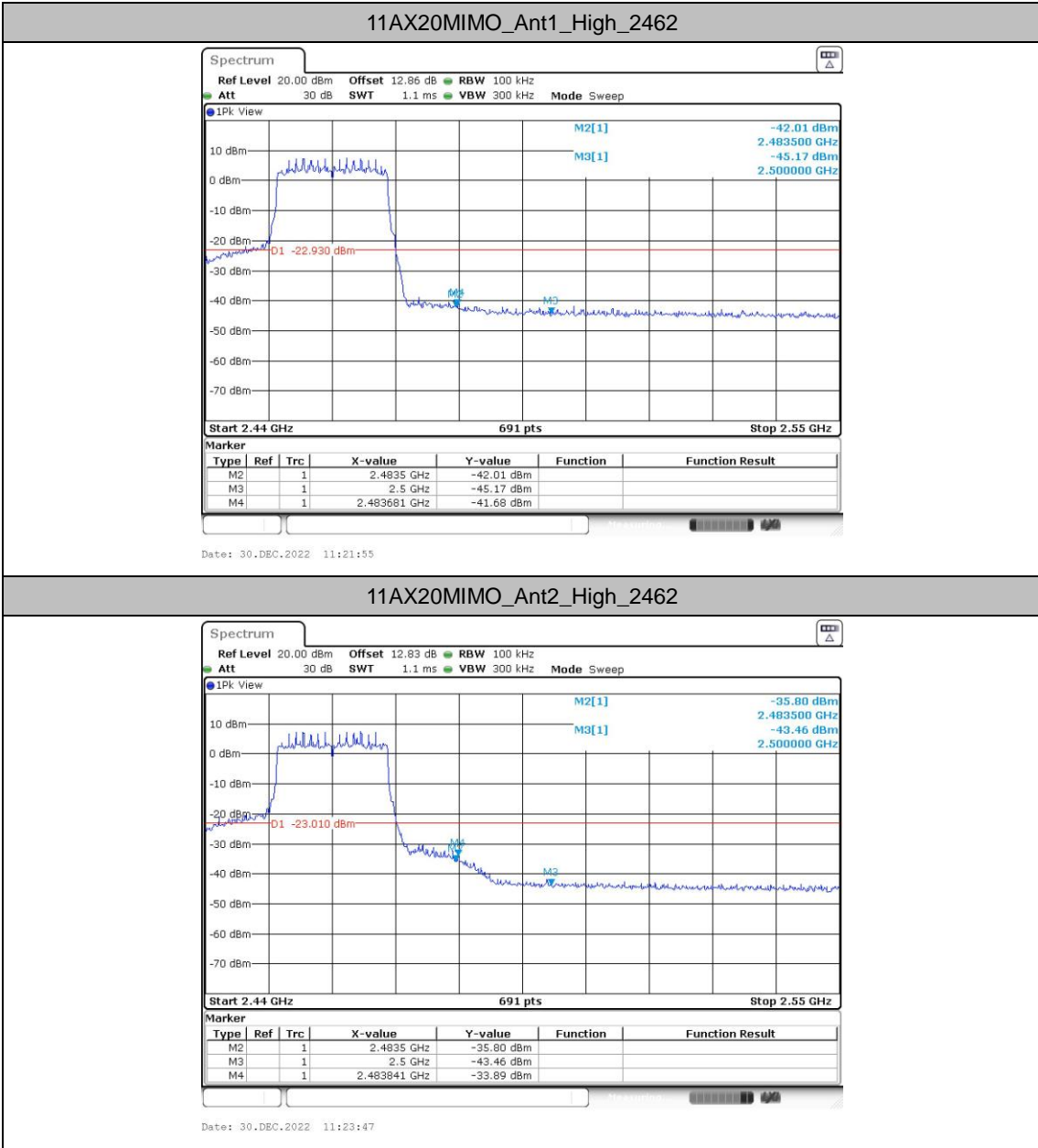


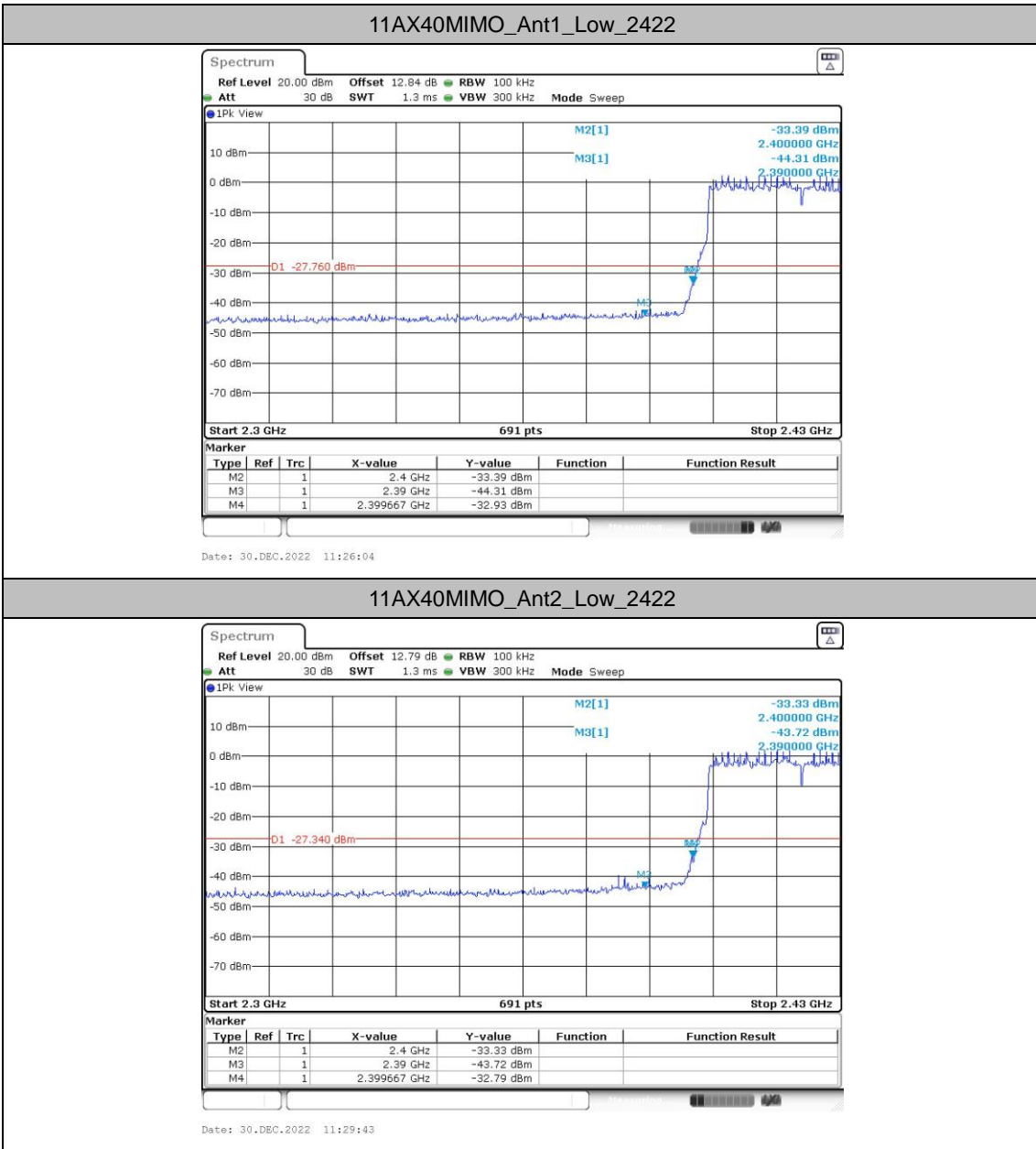


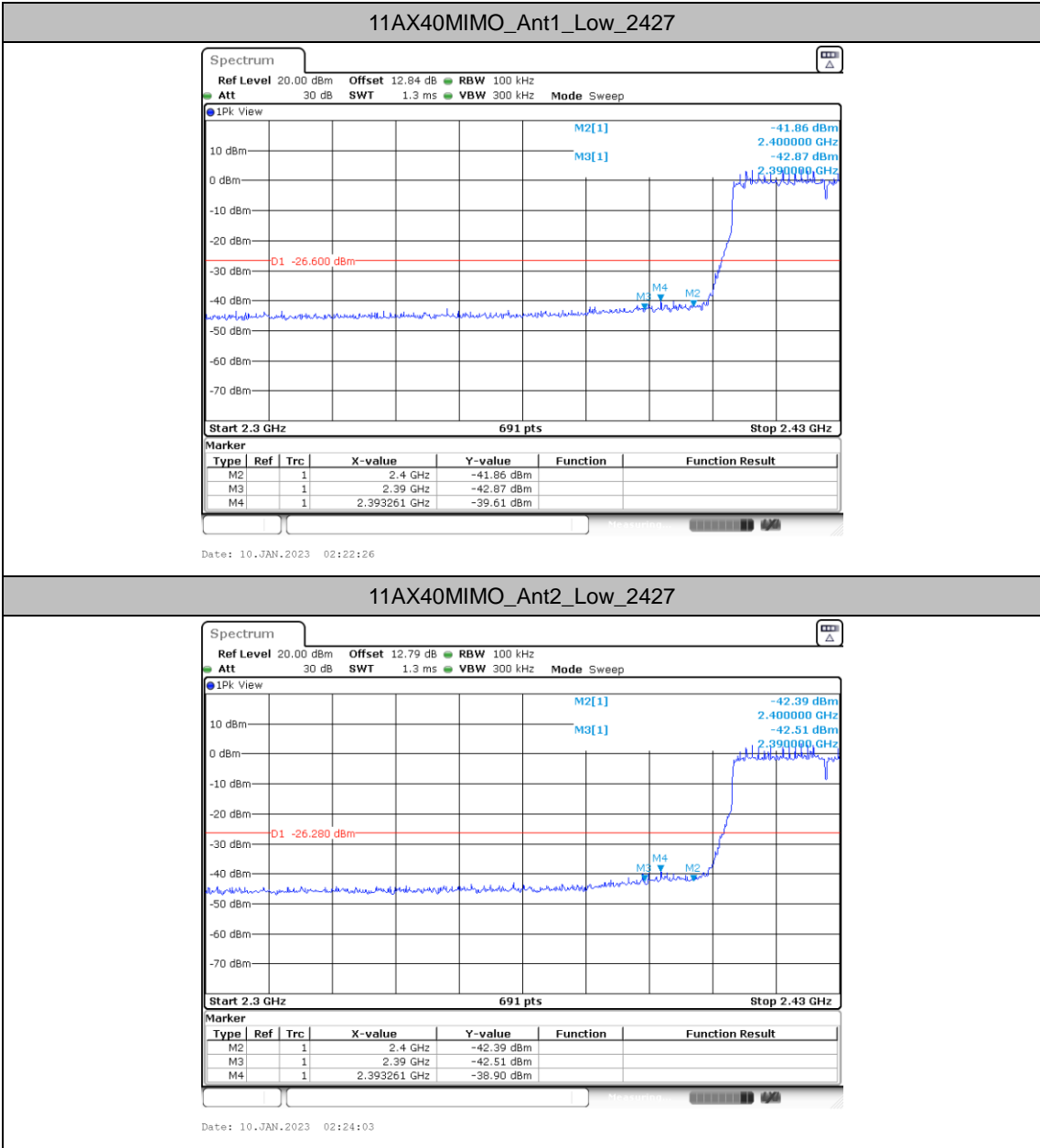


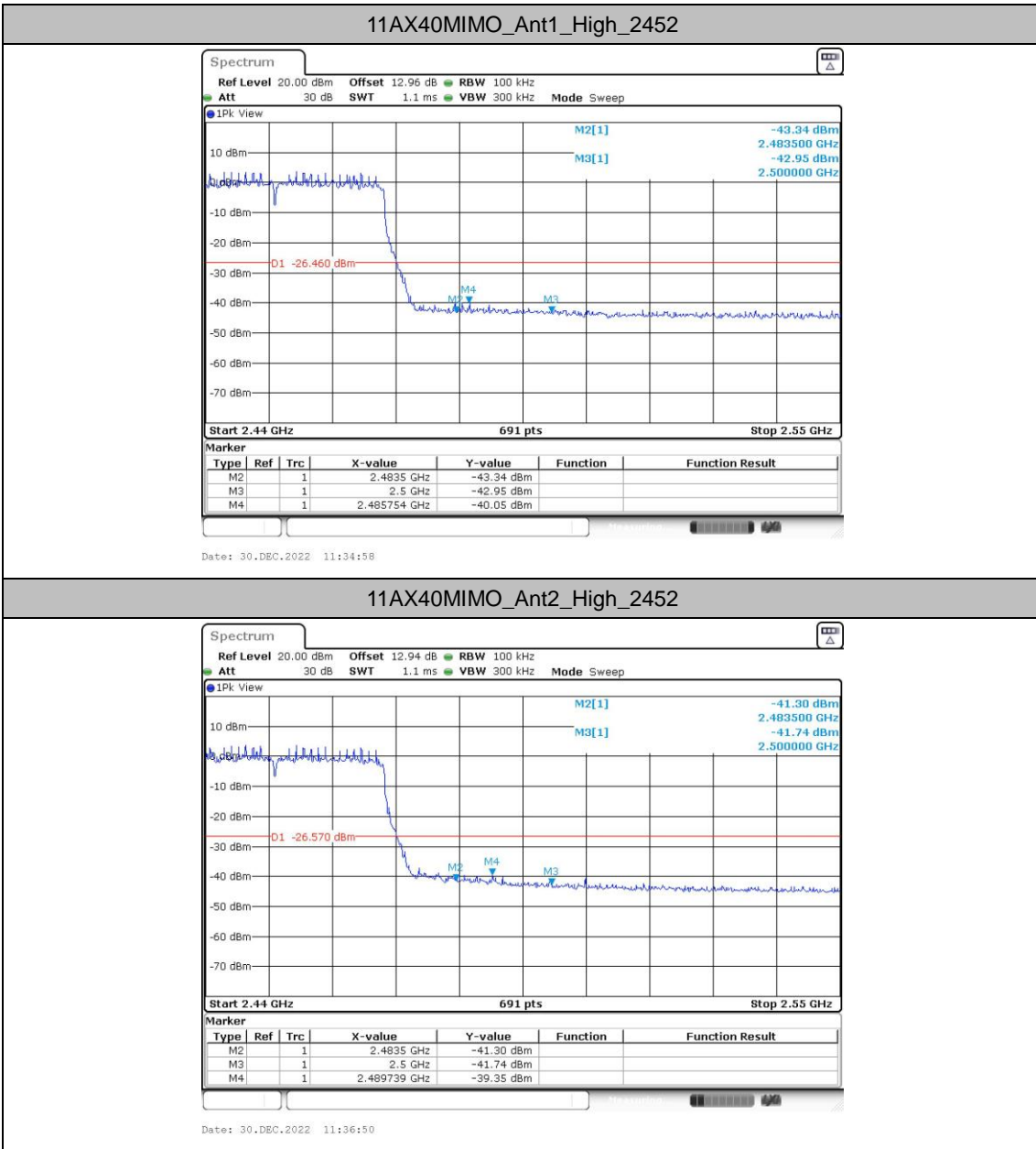














Conducted Spurious Emission

Test Result

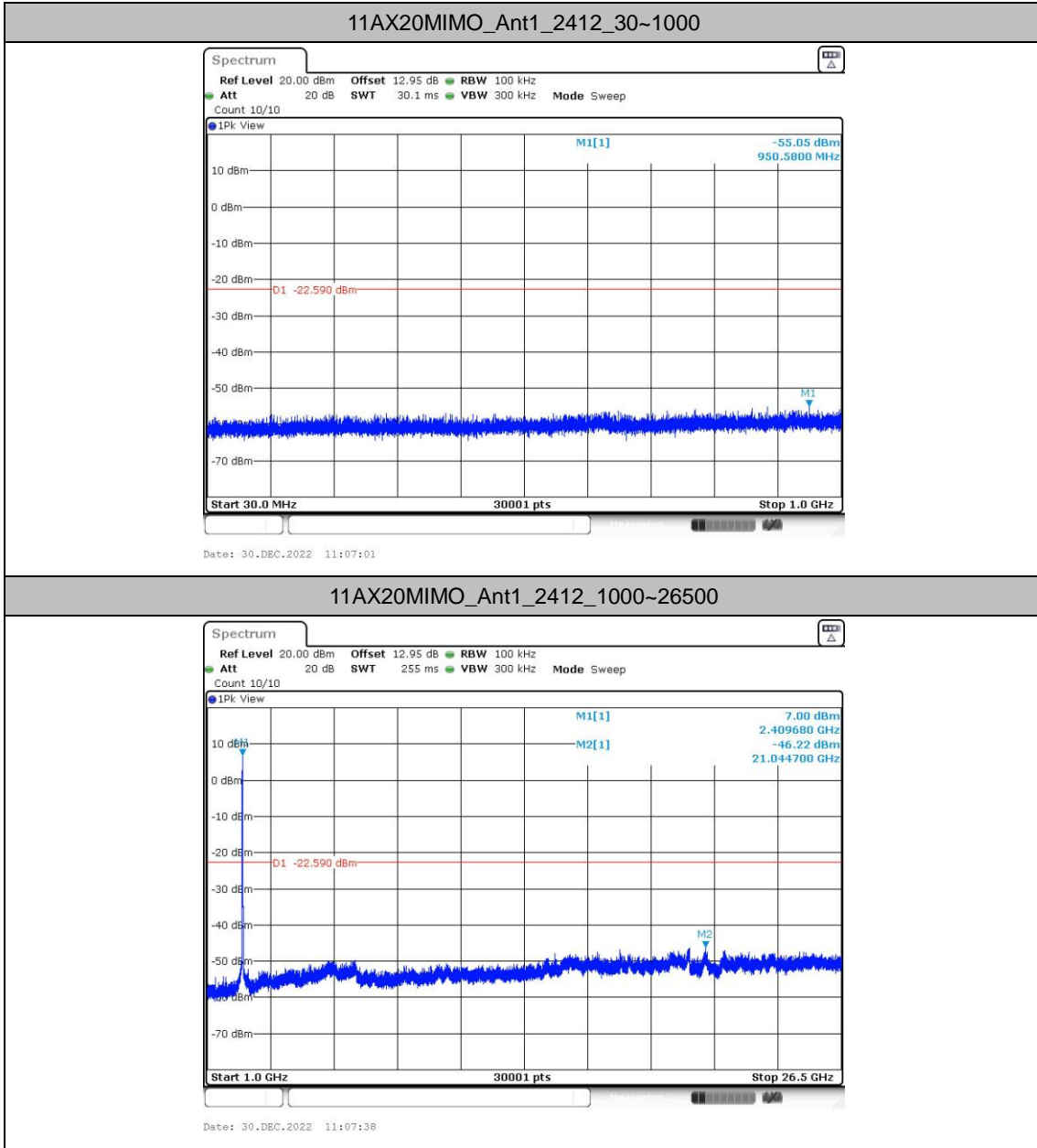
TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
11AX20MIMO	Ant1	2412	30~1000	7.41	-55.05	≤-22.59	PASS
			1000~26500	7.41	-46.22	≤-22.59	PASS
	Ant2	2412	30~1000	7.68	-54.84	≤-22.32	PASS
			1000~26500	7.68	-47.06	≤-22.32	PASS
	Ant1	2417	30~1000	8.79	-51.18	≤-21.21	PASS
			1000~26500	8.79	-46.12	≤-21.21	PASS
	Ant2	2417	30~1000	8.17	-54.78	≤-21.83	PASS
			1000~26500	8.17	-45.65	≤-21.83	PASS
	Ant1	2422	30~1000	8.27	-54.57	≤-21.73	PASS
			1000~26500	8.27	-46.13	≤-21.73	PASS
	Ant2	2422	30~1000	8.17	-54.98	≤-21.83	PASS
			1000~26500	8.17	-46.12	≤-21.83	PASS
	Ant1	2427	30~1000	9.09	-53.91	≤-20.91	PASS
			1000~26500	9.09	-45.43	≤-20.91	PASS
	Ant2	2427	30~1000	9.14	-55.05	≤-20.86	PASS
			1000~26500	9.14	-45.79	≤-20.86	PASS
	Ant1	2432	30~1000	10.40	-55.18	≤-19.6	PASS
			1000~26500	10.40	-46.31	≤-19.6	PASS
	Ant2	2432	30~1000	10.37	-55.17	≤-19.63	PASS
			1000~26500	10.37	-46.07	≤-19.63	PASS
	Ant1	2437	30~1000	10.43	-55.68	≤-19.57	PASS
			1000~26500	10.43	-46.29	≤-19.57	PASS
	Ant2	2437	30~1000	10.59	-55.49	≤-19.41	PASS
			1000~26500	10.59	-46.79	≤-19.41	PASS
	Ant1	2442	30~1000	11.24	-54.86	≤-18.76	PASS
			1000~26500	11.24	-46.25	≤-18.76	PASS
	Ant2	2442	30~1000	10.99	-54.02	≤-19.01	PASS
			1000~26500	10.99	-46.13	≤-19.01	PASS
Ant1	2447	30~1000	9.35	-54.8	≤-20.65	PASS	
		1000~26500	9.35	-44.88	≤-20.65	PASS	
Ant2	2447	30~1000	9.33	-54.62	≤-20.67	PASS	
		1000~26500	9.33	-45.74	≤-20.67	PASS	
Ant1	2452	30~1000	9.25	-51.65	≤-20.75	PASS	

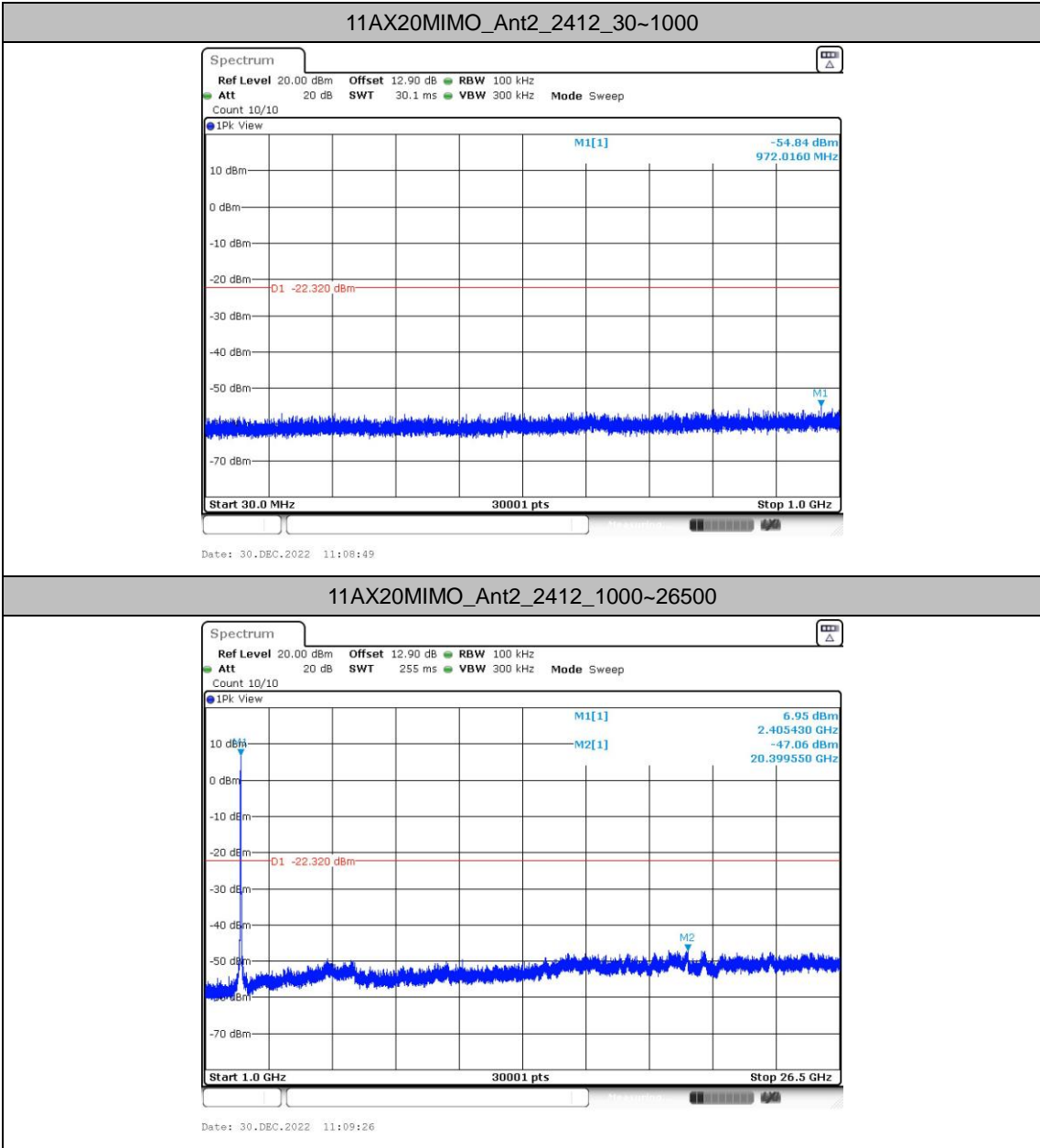


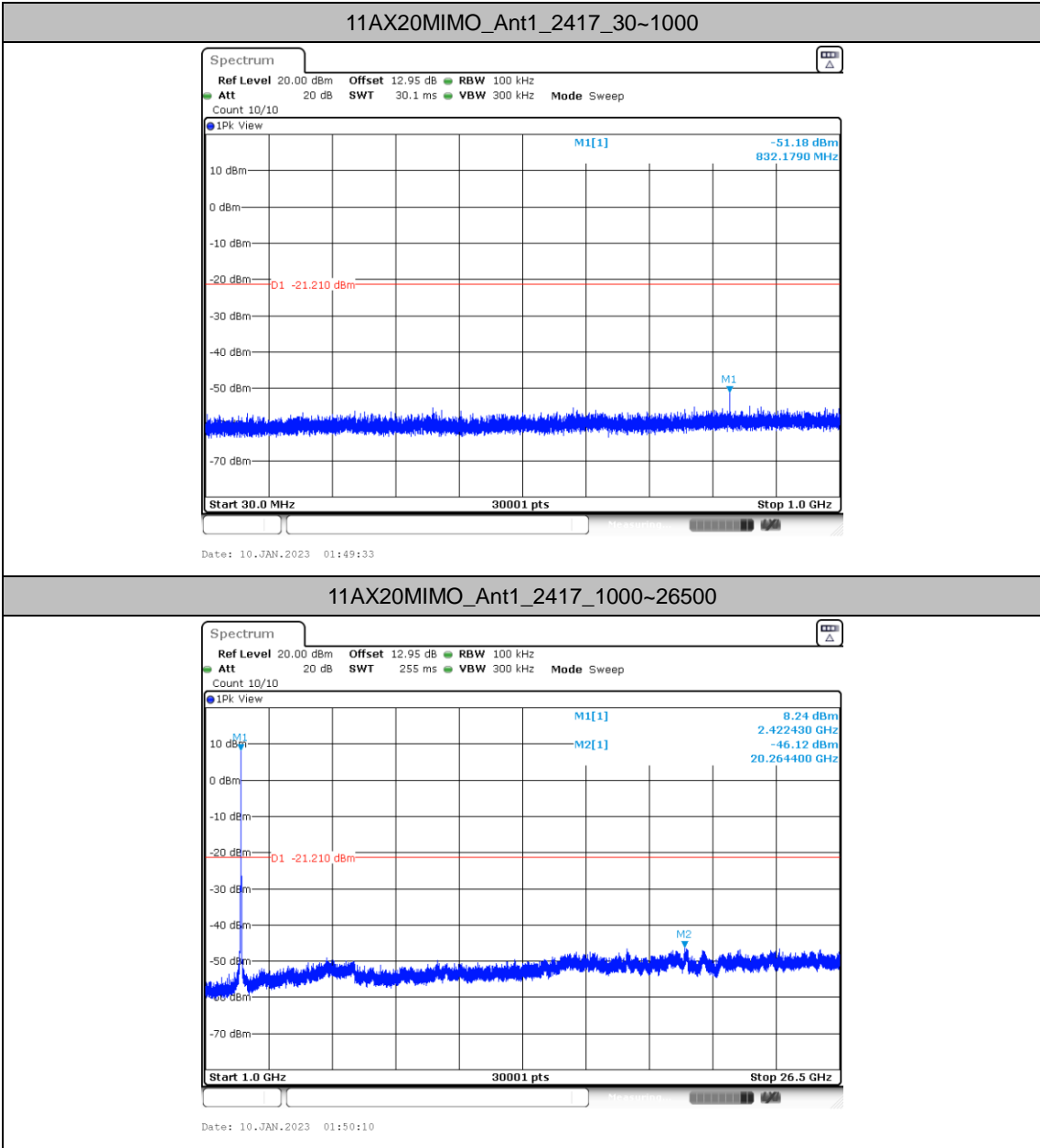
	Ant2	2452	1000~26500	9.25	-46.36	≤-20.75	PASS	
			30~1000	9.13	-55.21	≤-20.87	PASS	
	Ant1	2457	1000~26500	9.13	-45.94	≤-20.87	PASS	
			30~1000	7.87	-48.99	≤-22.13	PASS	
	Ant2	2457	1000~26500	7.87	-46.04	≤-22.13	PASS	
			30~1000	7.84	-54.88	≤-22.16	PASS	
	Ant1	2462	1000~26500	7.84	-46.1	≤-22.16	PASS	
			30~1000	7.07	-55.67	≤-22.93	PASS	
	Ant2	2462	1000~26500	7.07	-45.94	≤-22.93	PASS	
			30~1000	6.99	-55.19	≤-23.01	PASS	
	11AX40MIMO	Ant1	2422	1000~26500	6.99	-46.26	≤-23.01	PASS
				30~1000	2.24	-52.12	≤-27.76	PASS
Ant2		2422	1000~26500	2.24	-46.02	≤-27.76	PASS	
			30~1000	2.66	-55.69	≤-27.34	PASS	
Ant1		2427	1000~26500	2.66	-45.99	≤-27.34	PASS	
			30~1000	3.40	-54.09	≤-26.6	PASS	
Ant2		2427	1000~26500	3.40	-45.32	≤-26.6	PASS	
			30~1000	3.72	-55.57	≤-26.28	PASS	
Ant1		2437	1000~26500	3.72	-46.02	≤-26.28	PASS	
			30~1000	2.81	-55.41	≤-27.19	PASS	
Ant2		2437	1000~26500	2.81	-46	≤-27.19	PASS	
			30~1000	3.25	-54.8	≤-26.75	PASS	
Ant1	2452	1000~26500	3.25	-46.44	≤-26.75	PASS		
		30~1000	3.54	-53.61	≤-26.46	PASS		
Ant2	2452	1000~26500	3.54	-46.13	≤-26.46	PASS		
		30~1000	3.43	-55.39	≤-26.57	PASS		
			1000~26500	3.43	-46.06	≤-26.57	PASS	

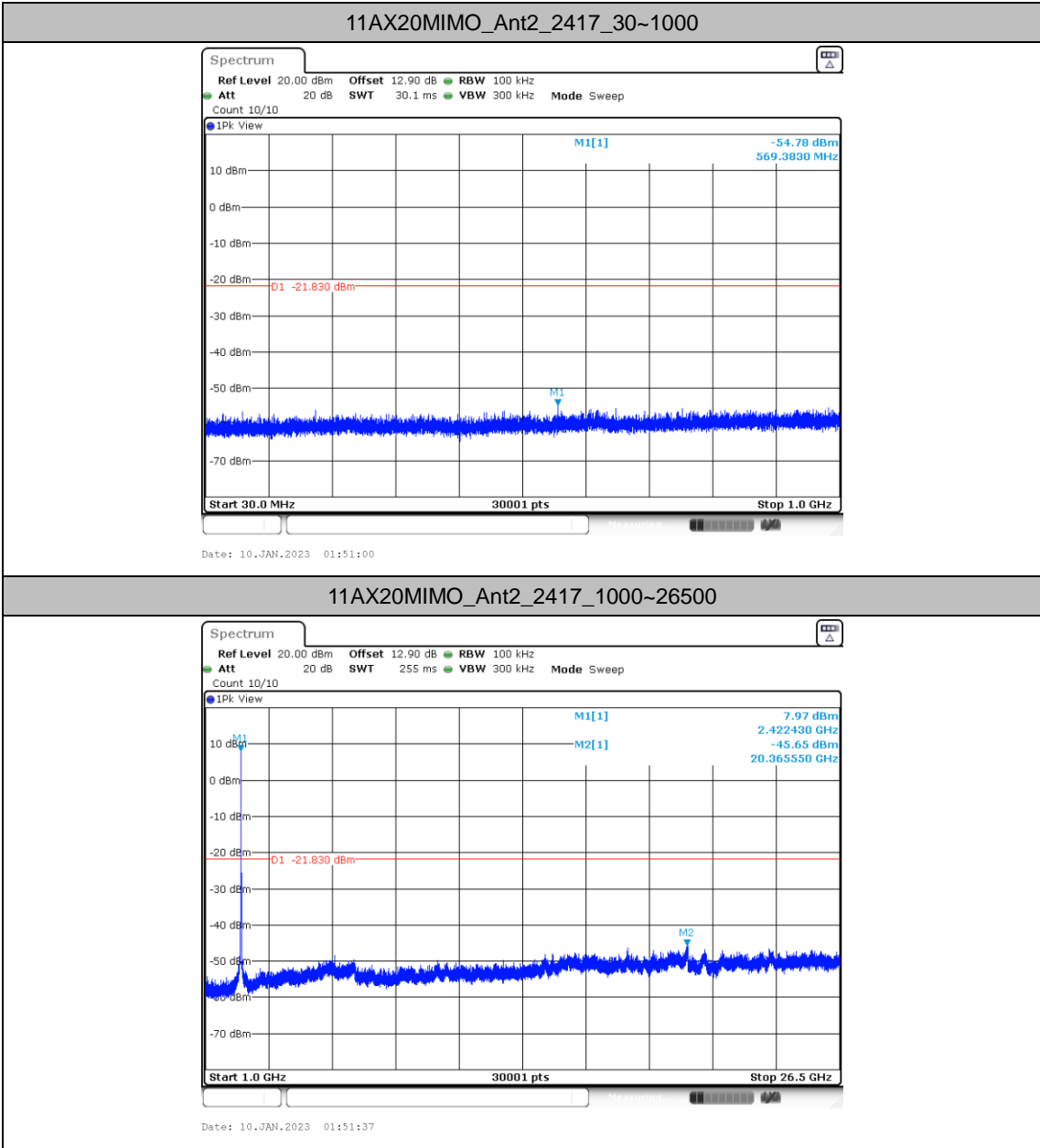


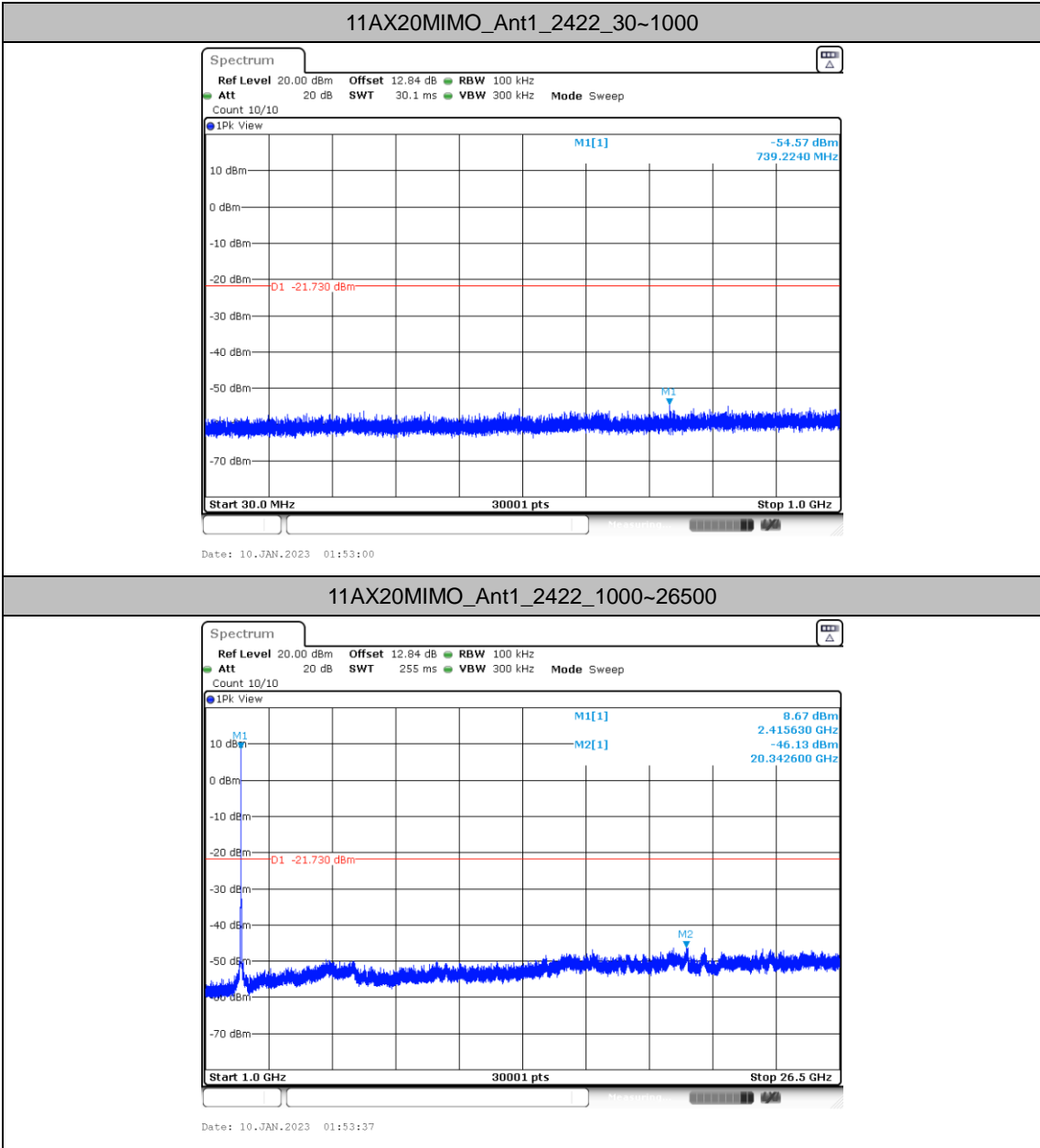
Test Graphs

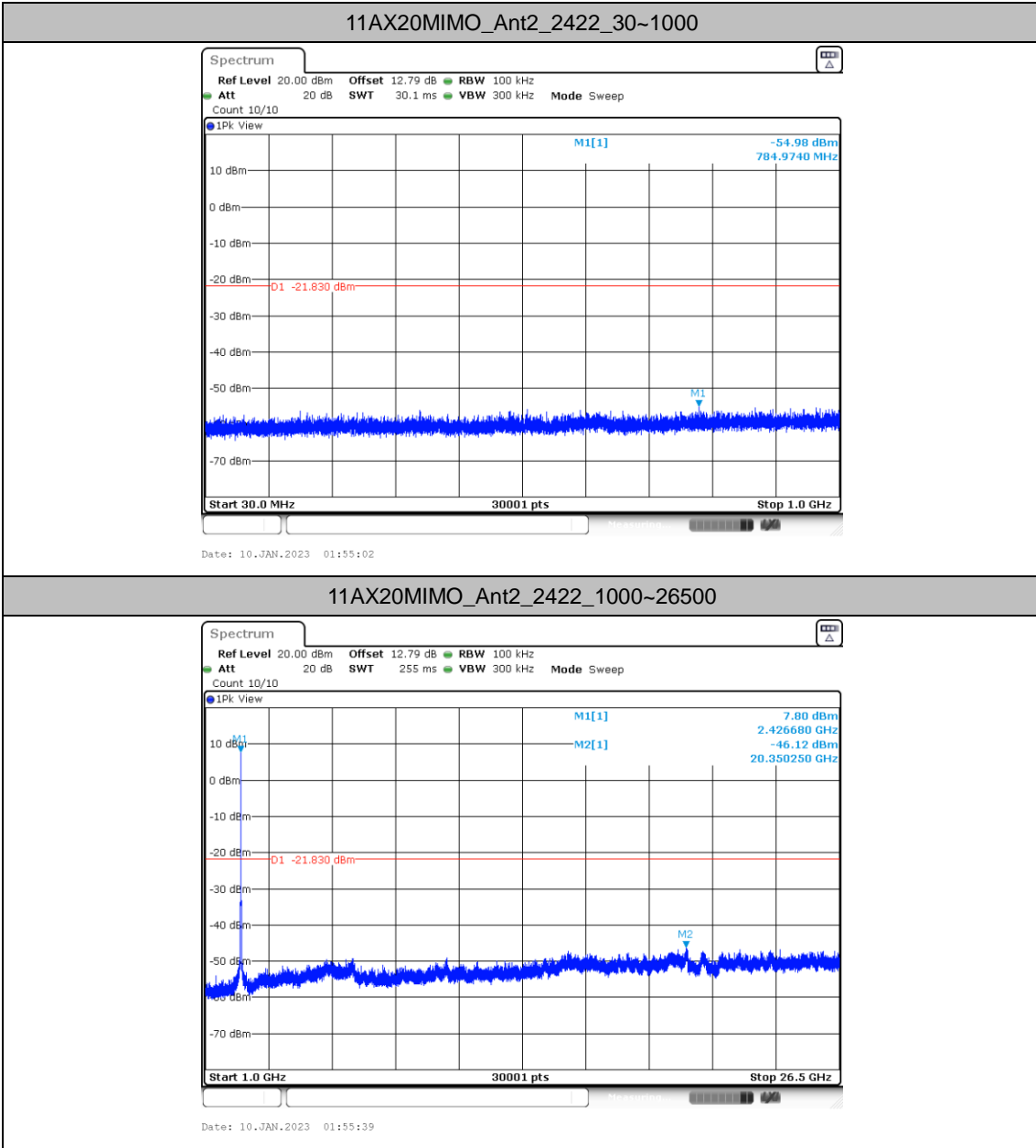


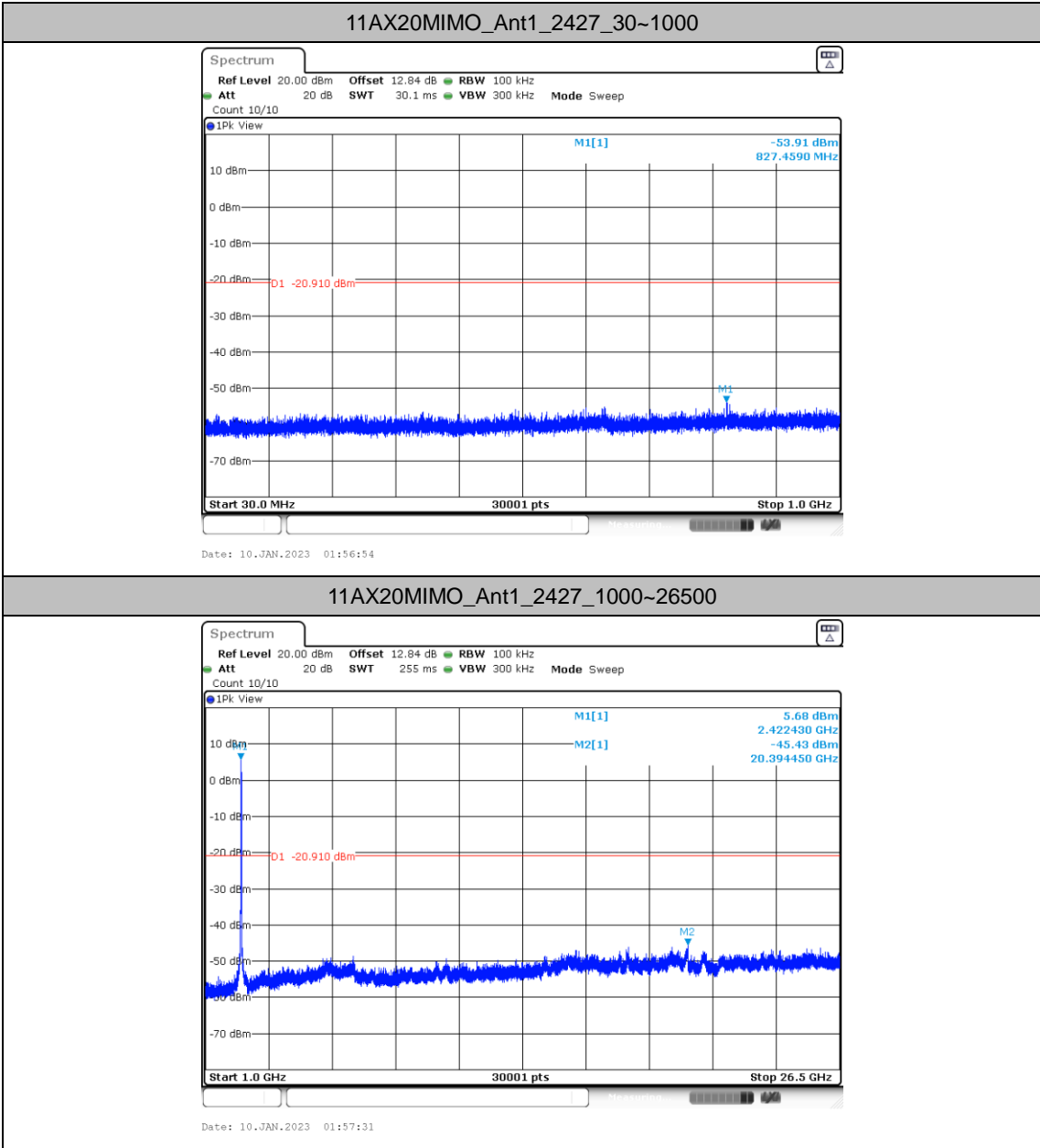


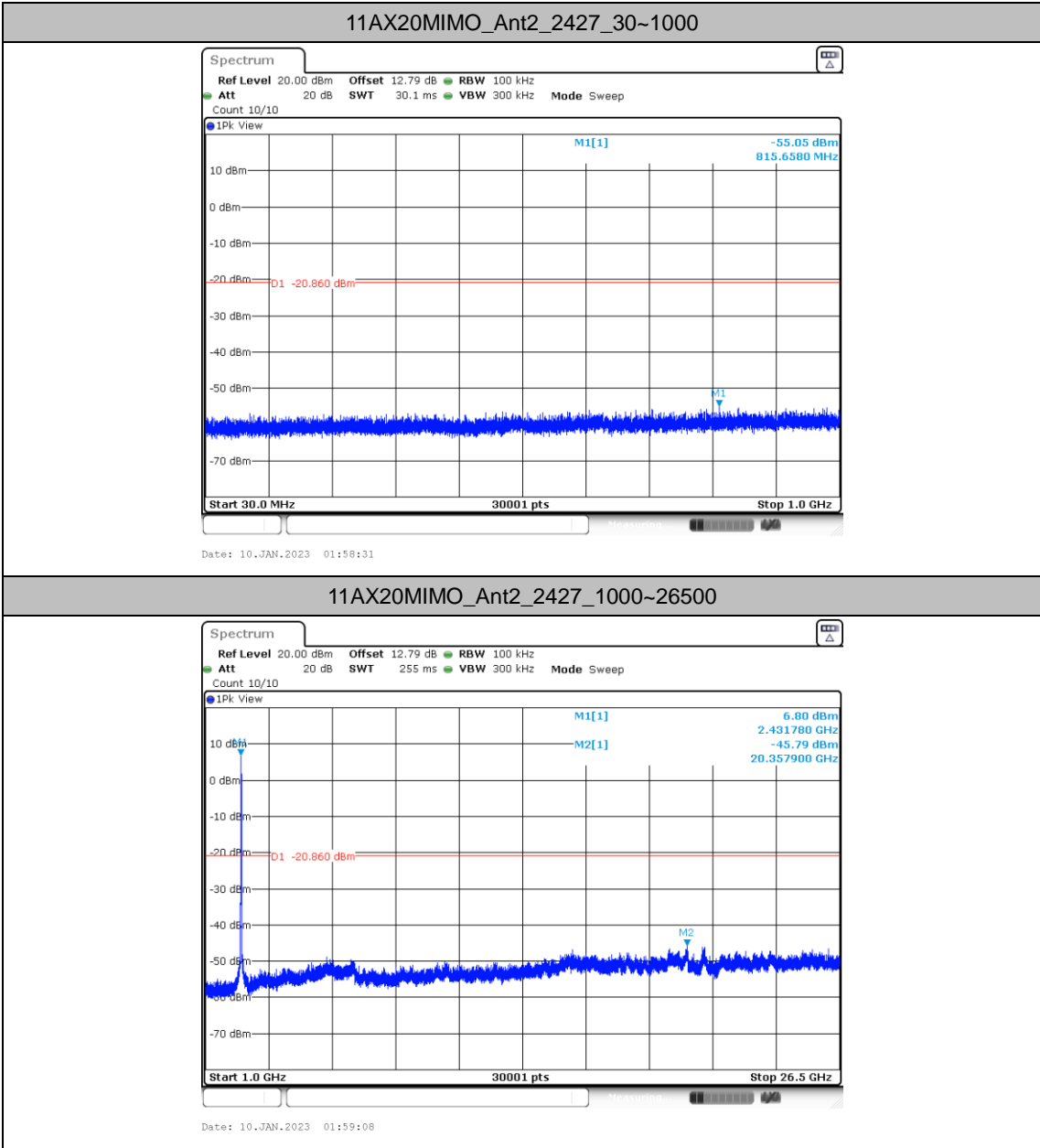


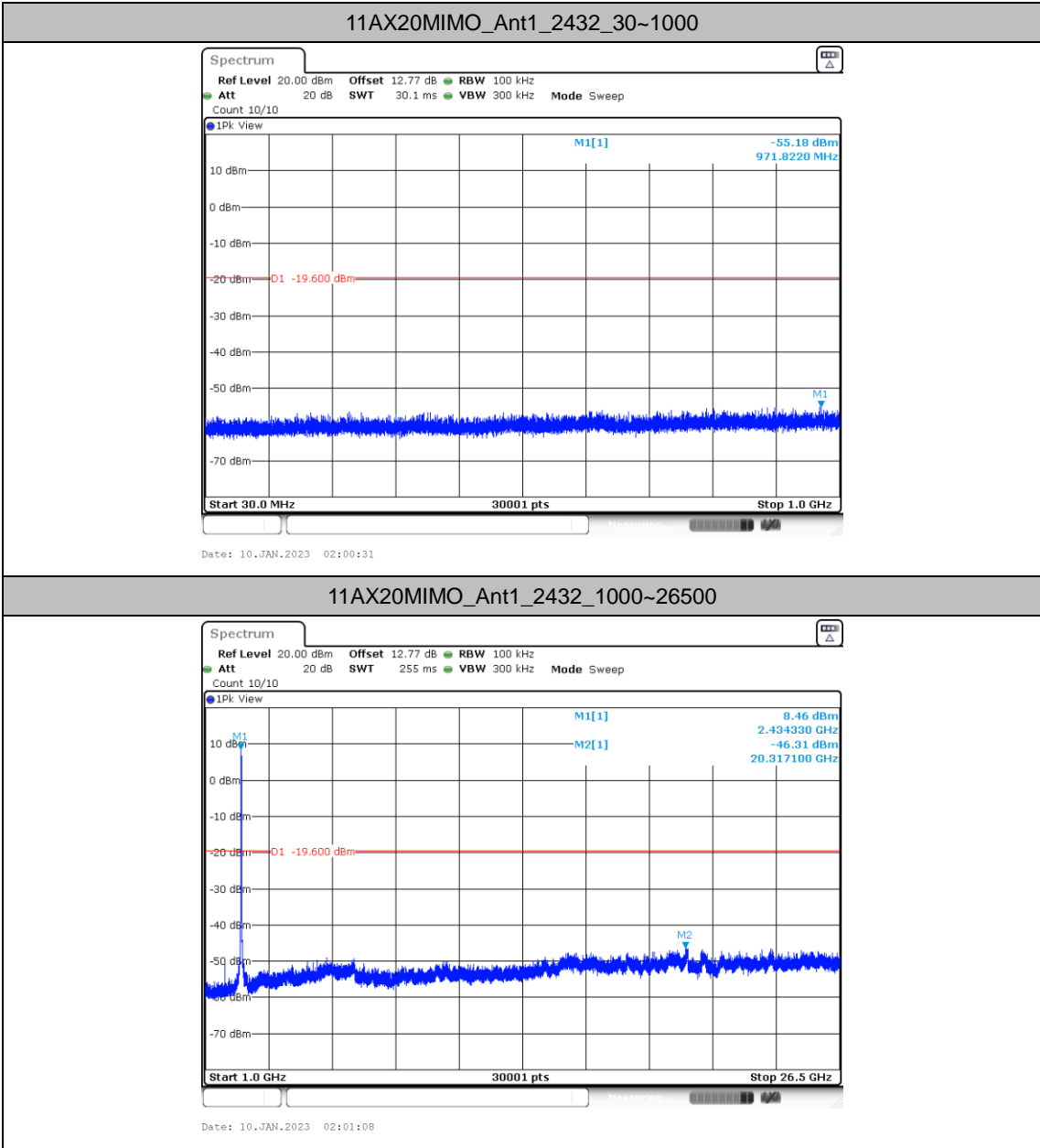


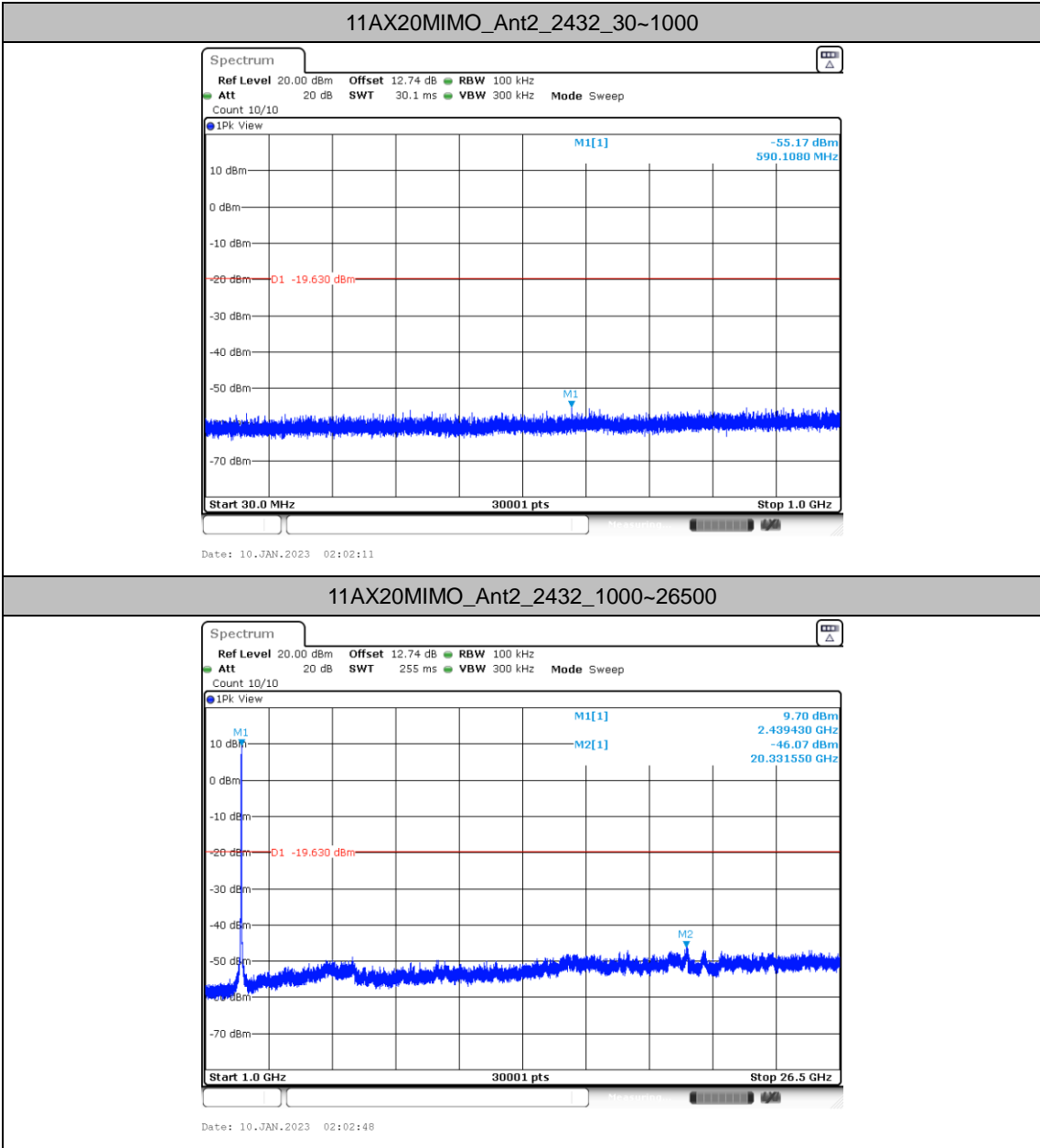


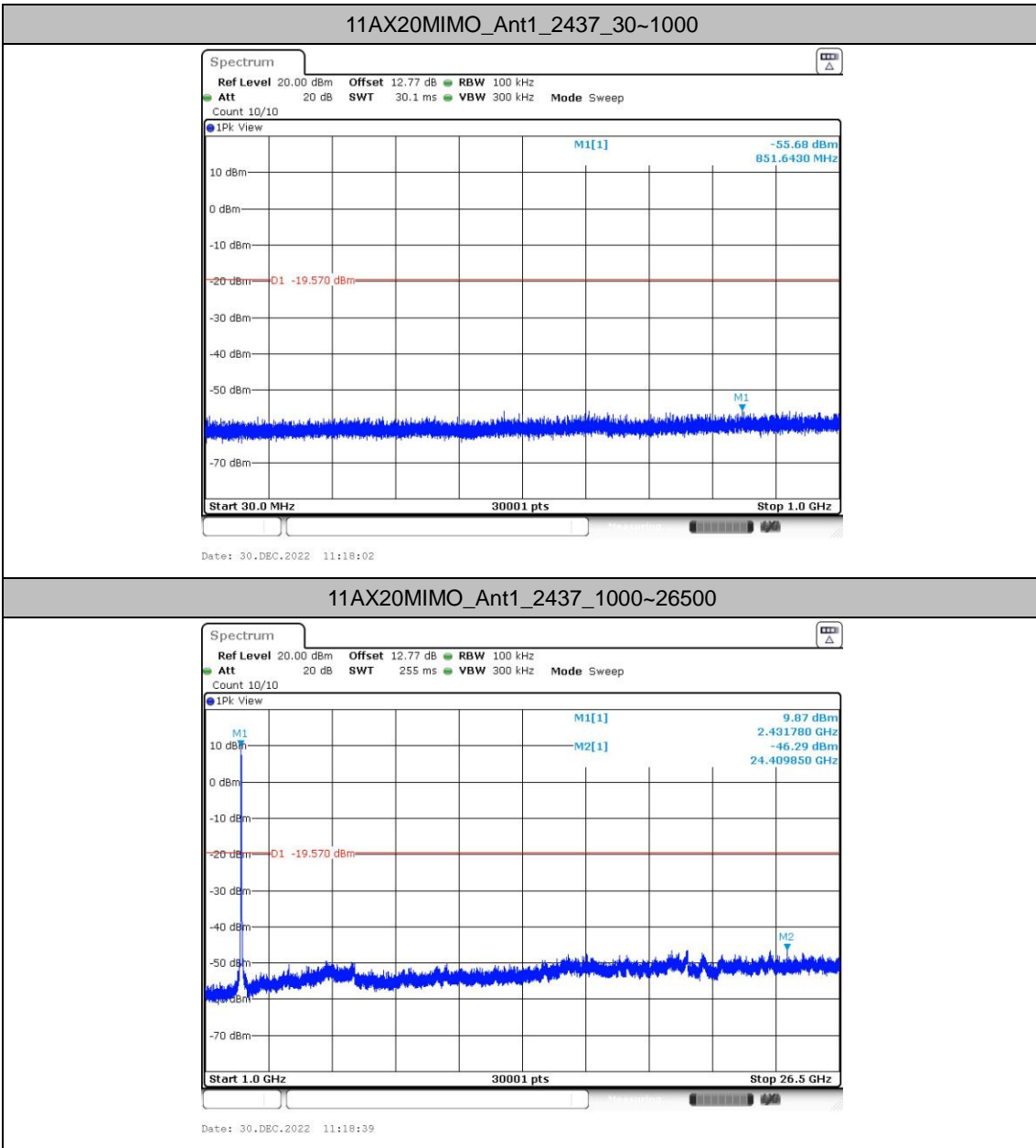


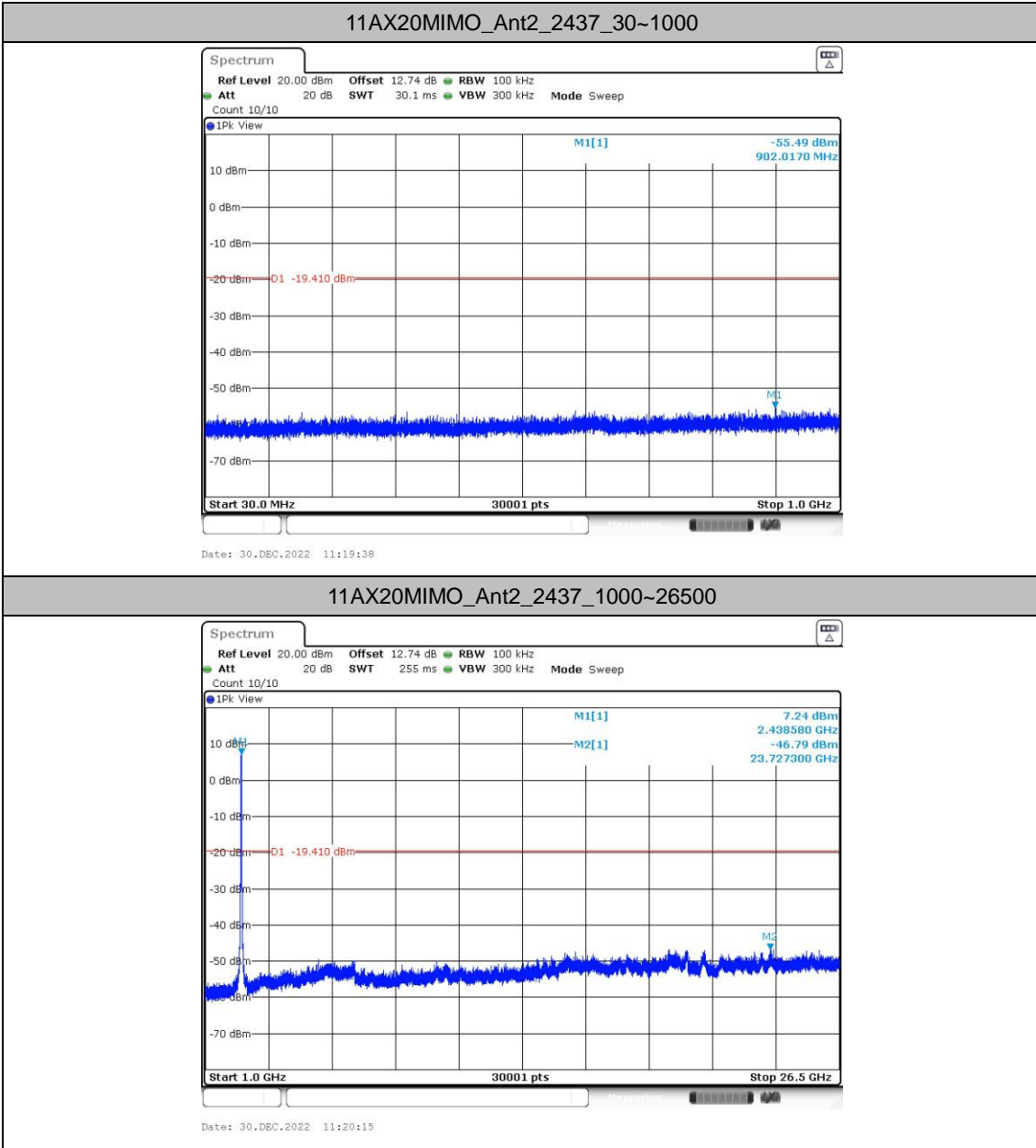


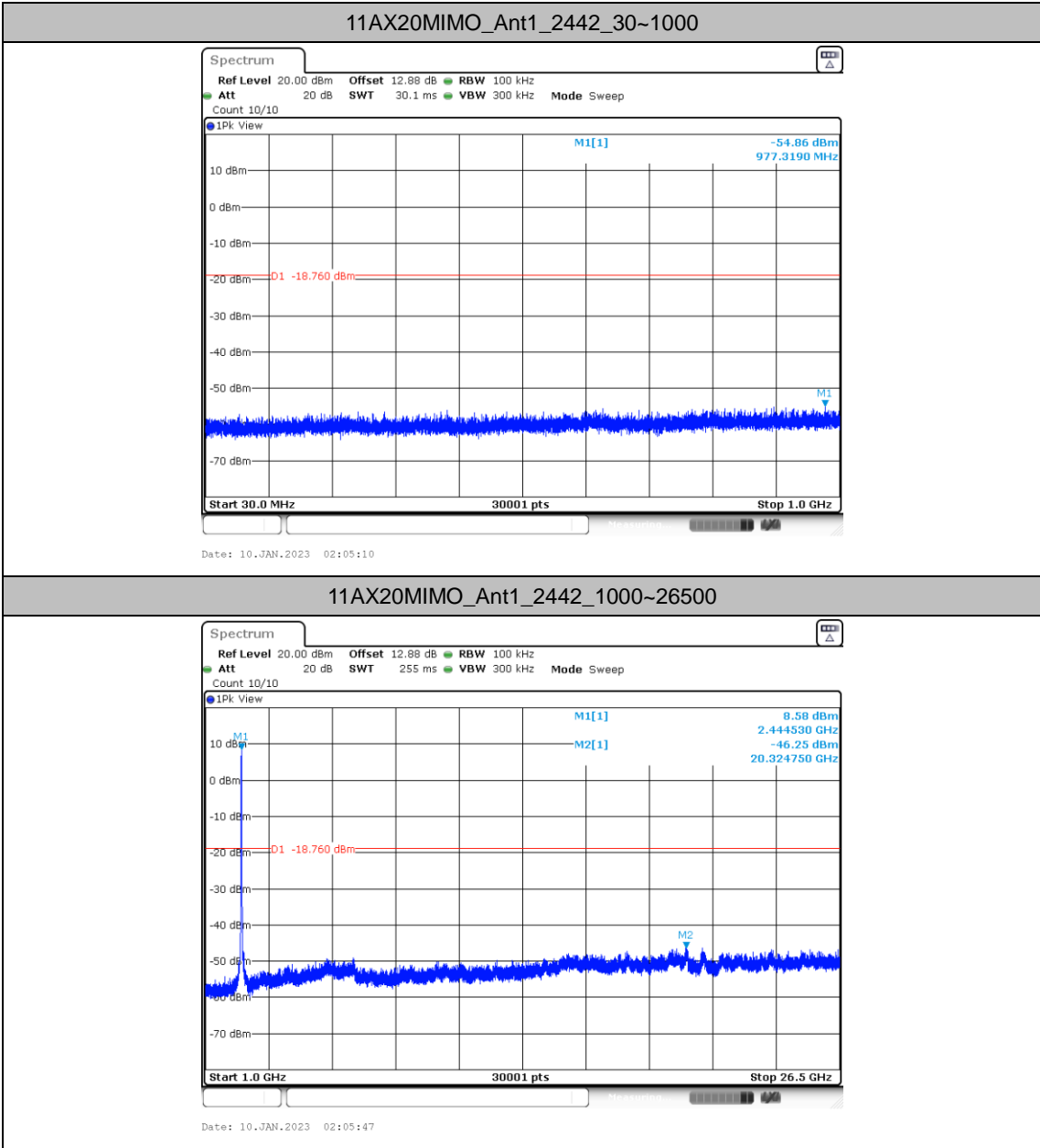


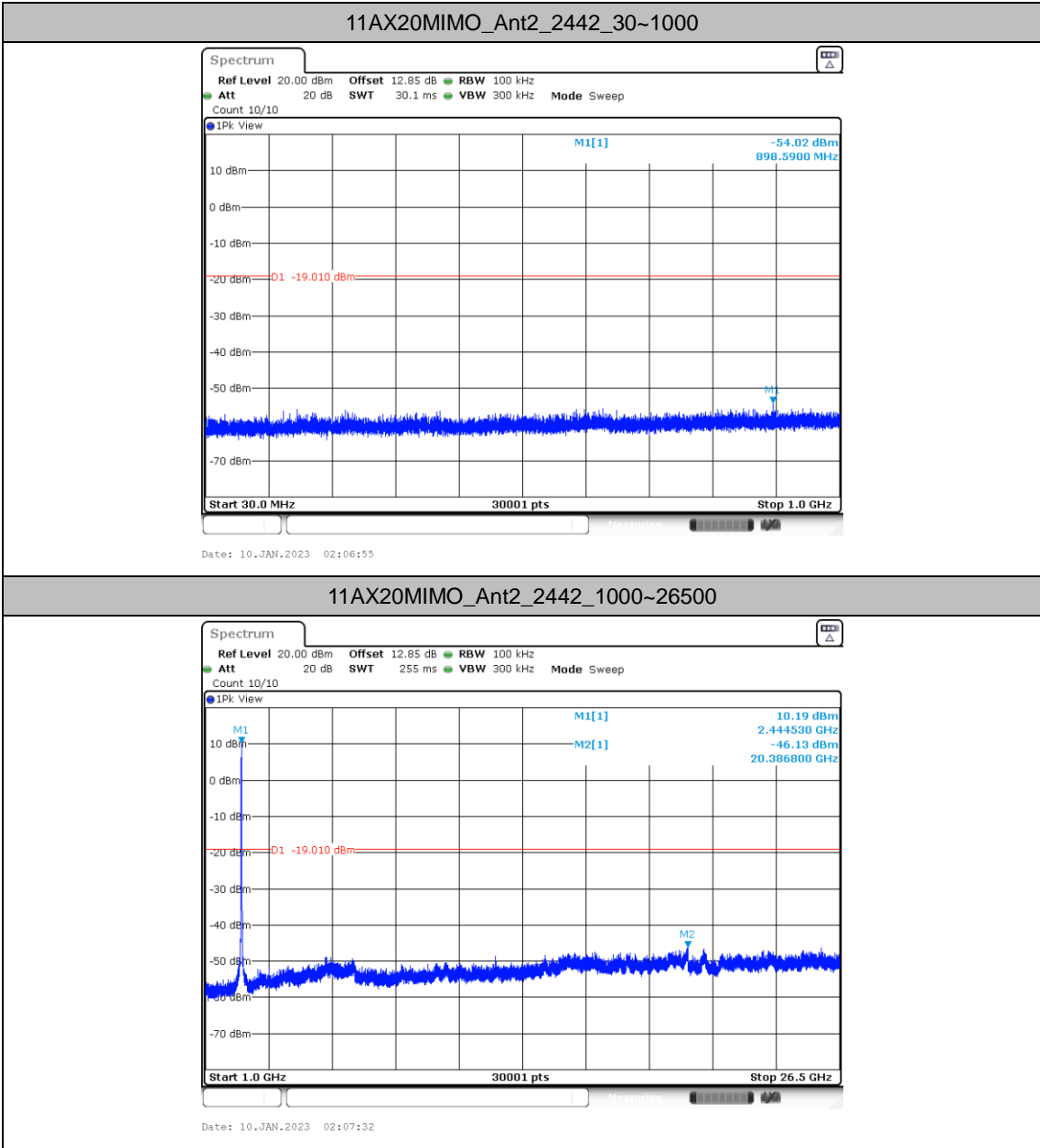


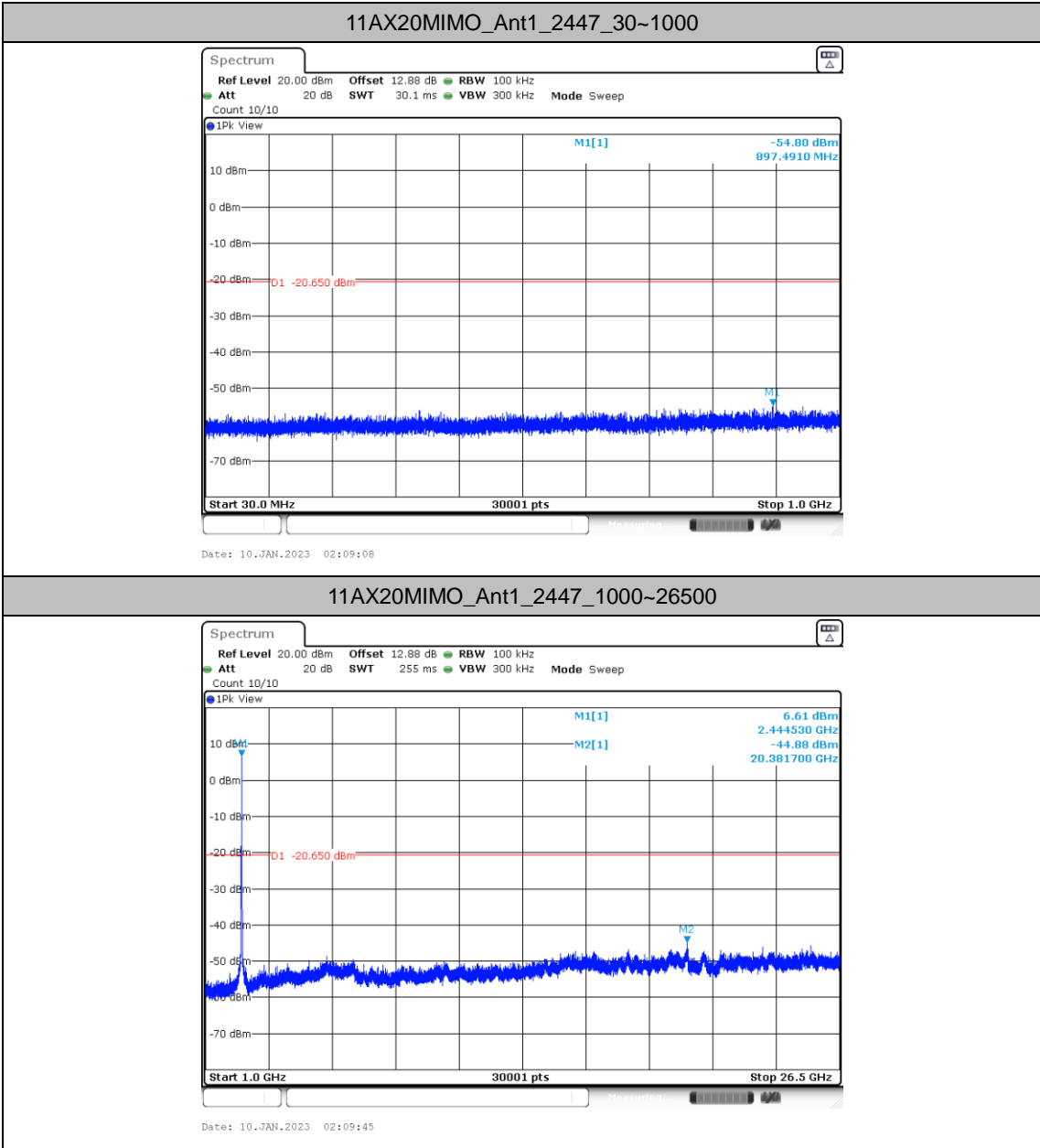


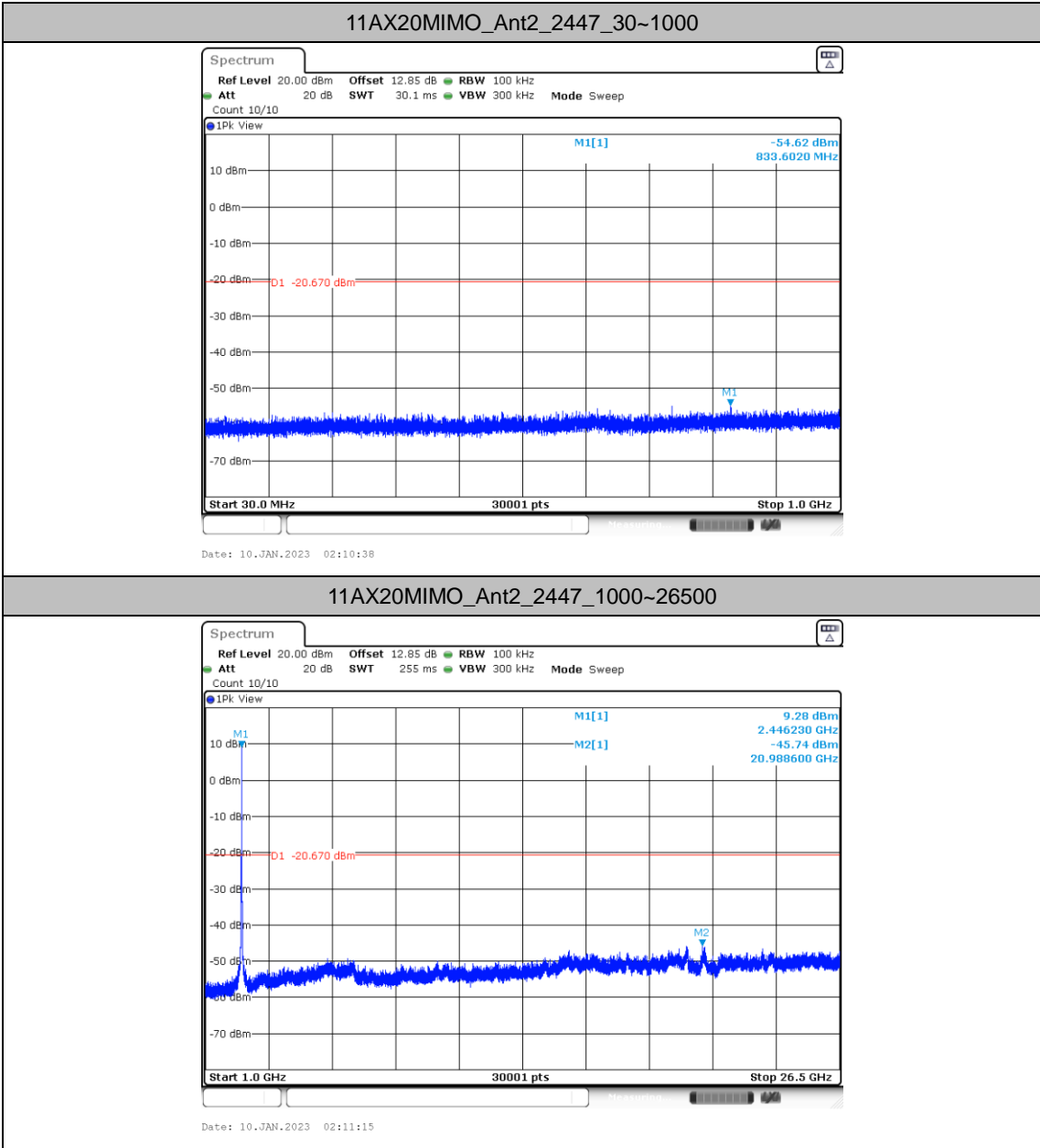


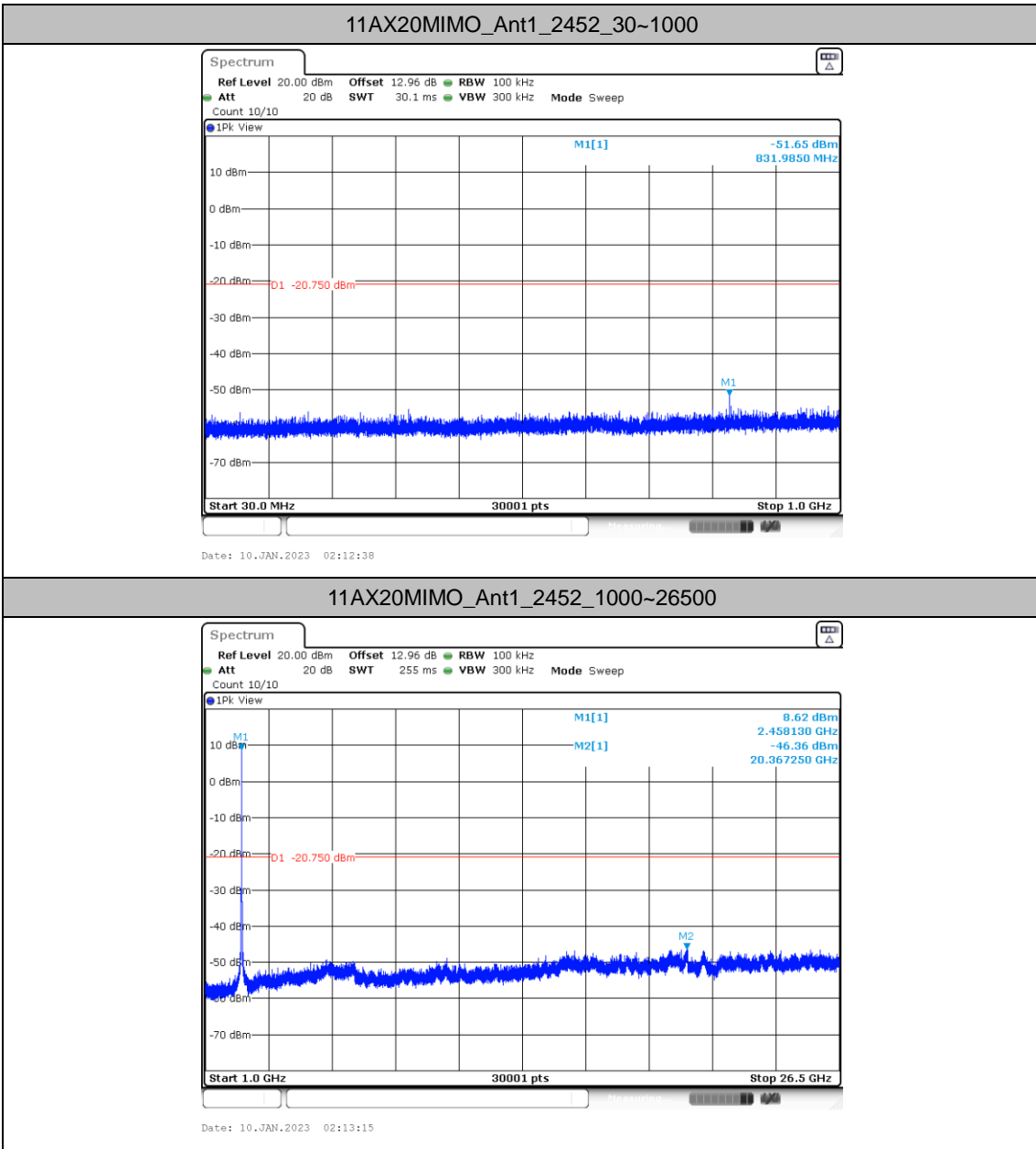


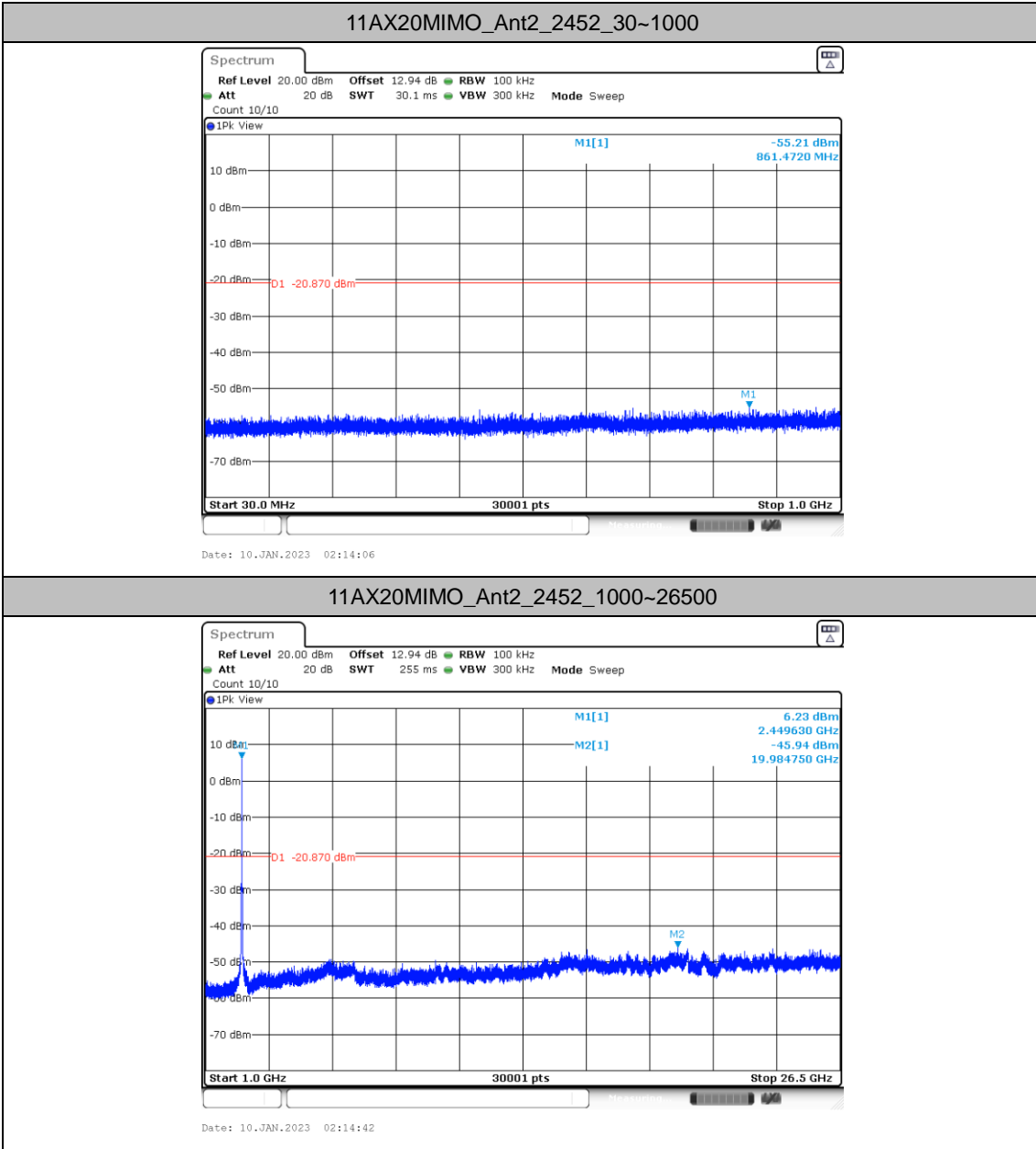


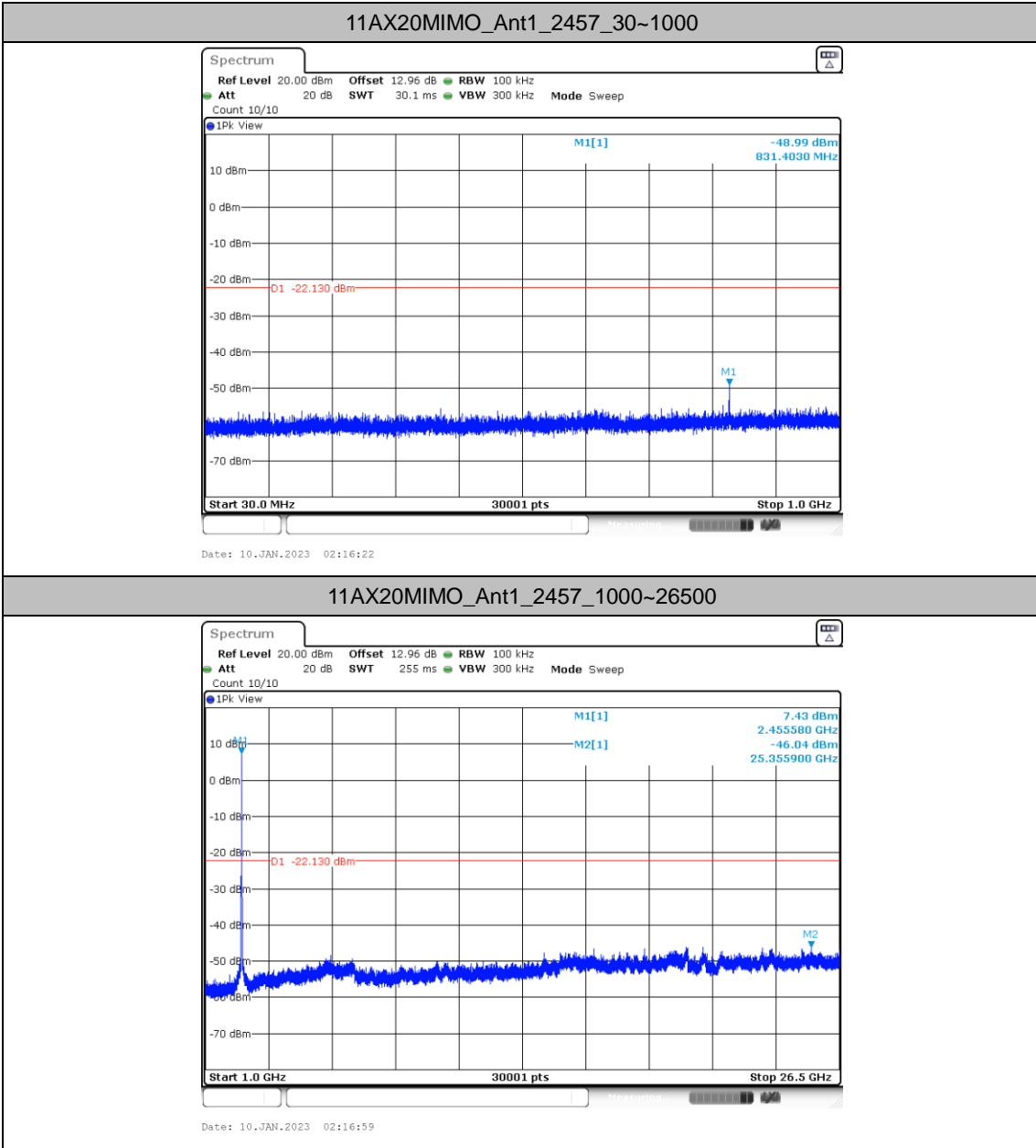


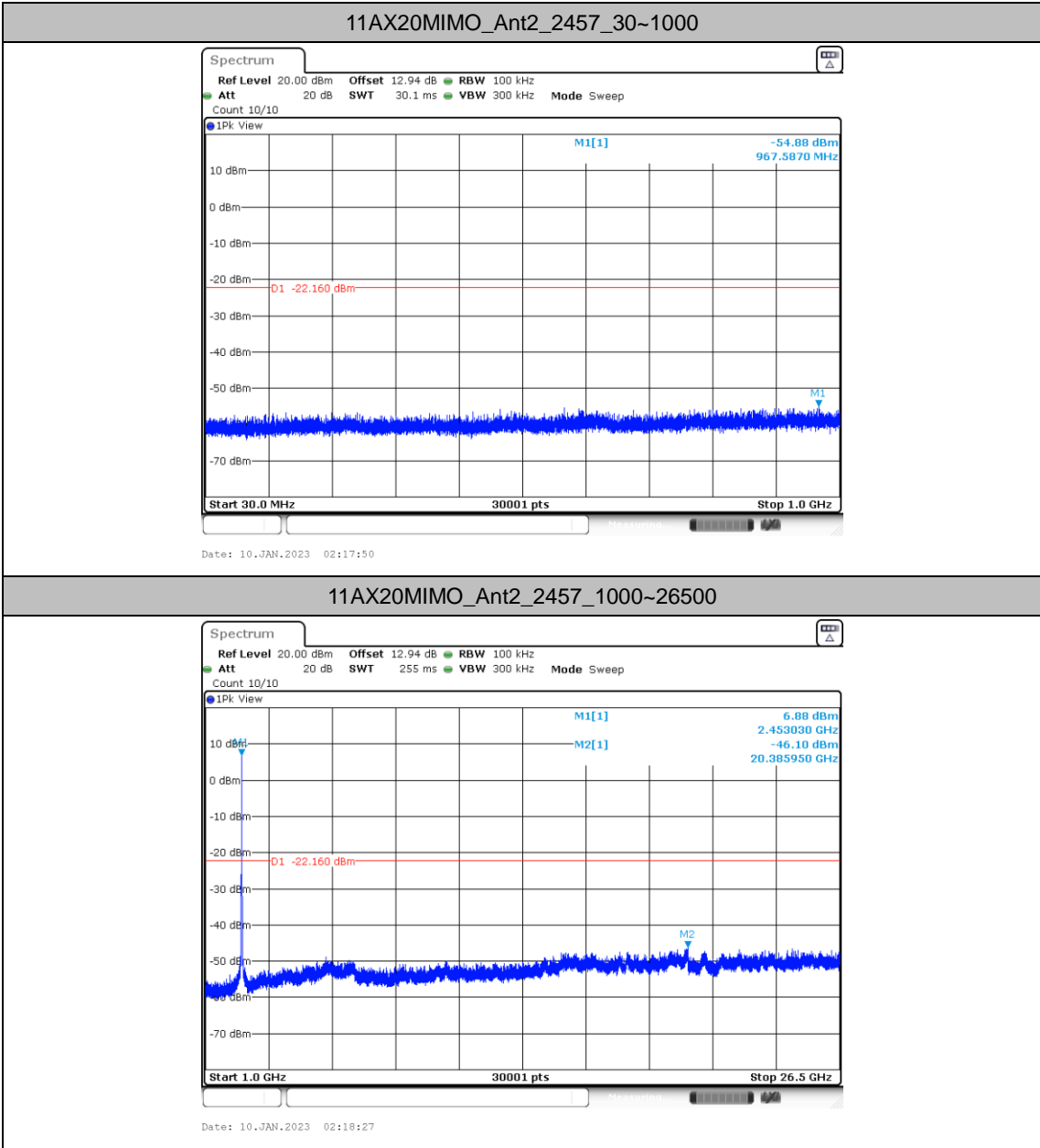


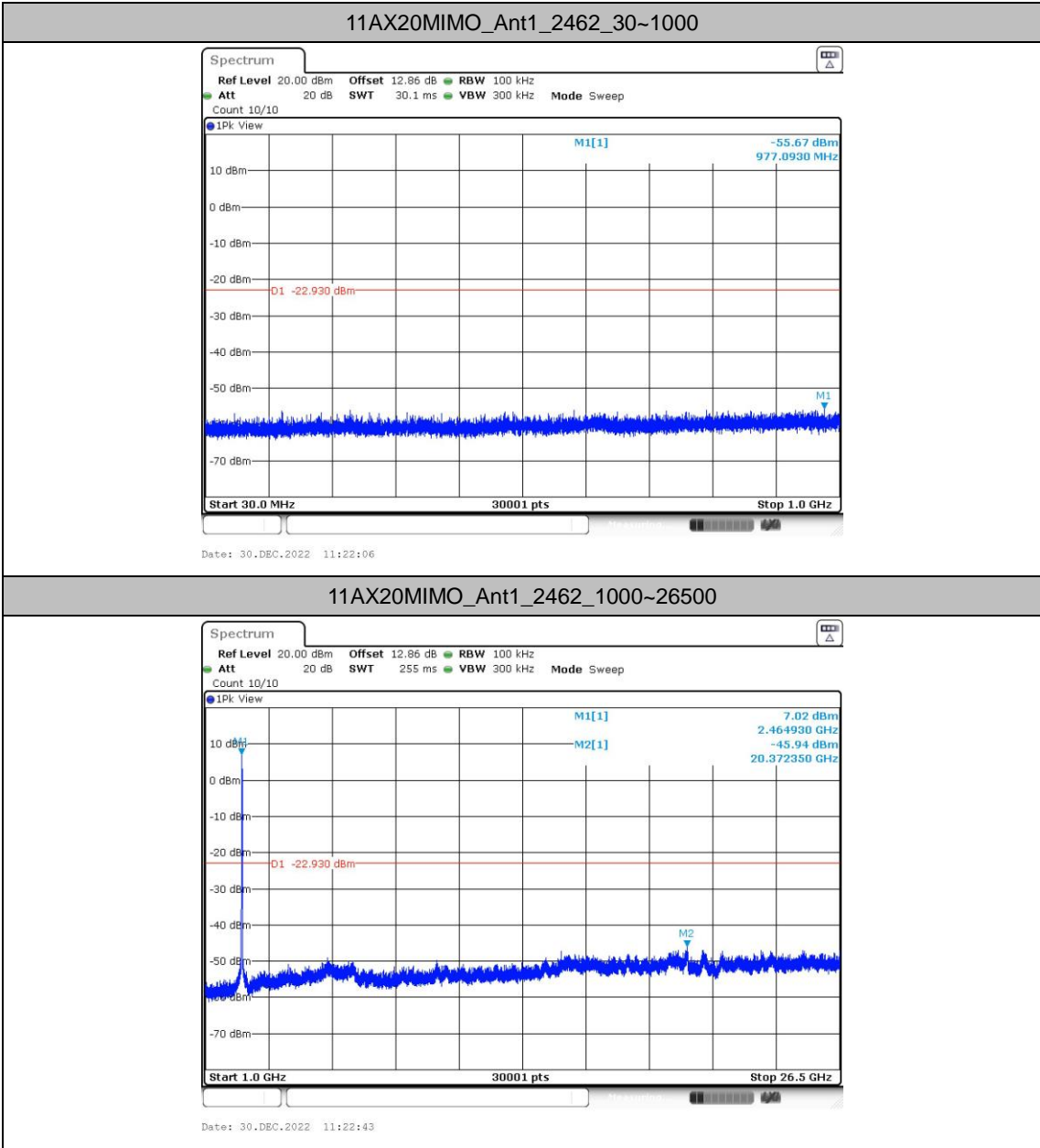


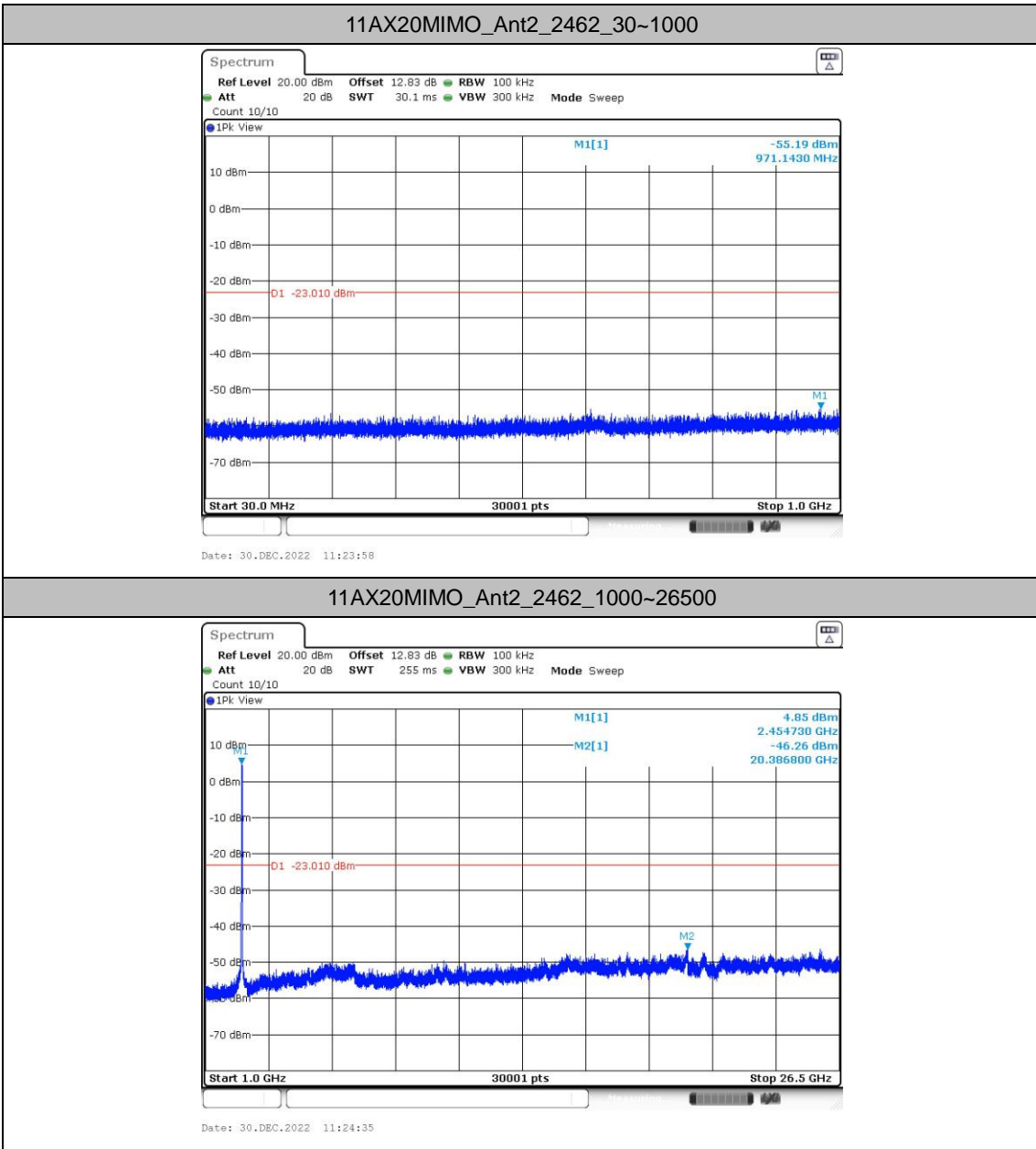


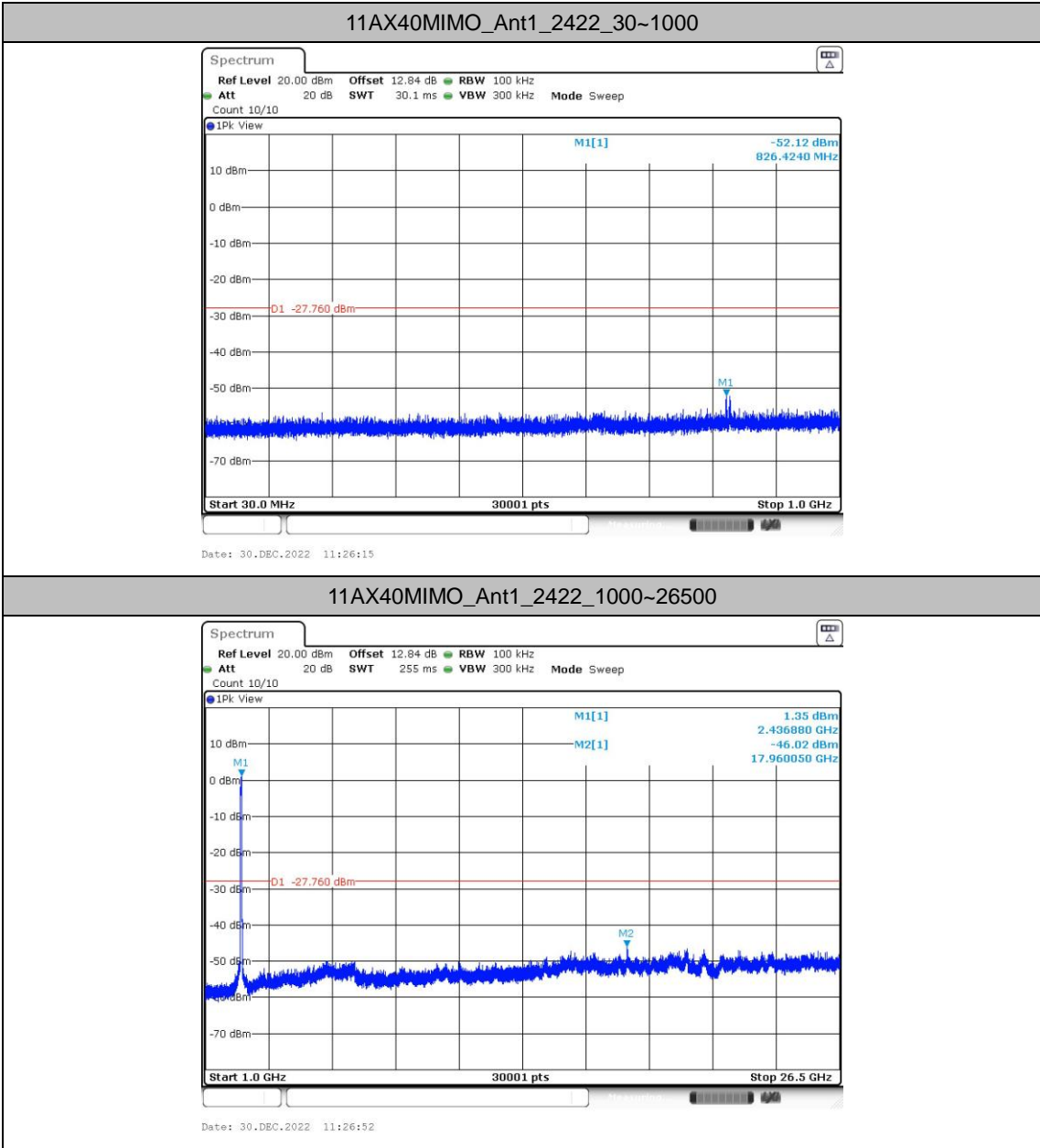


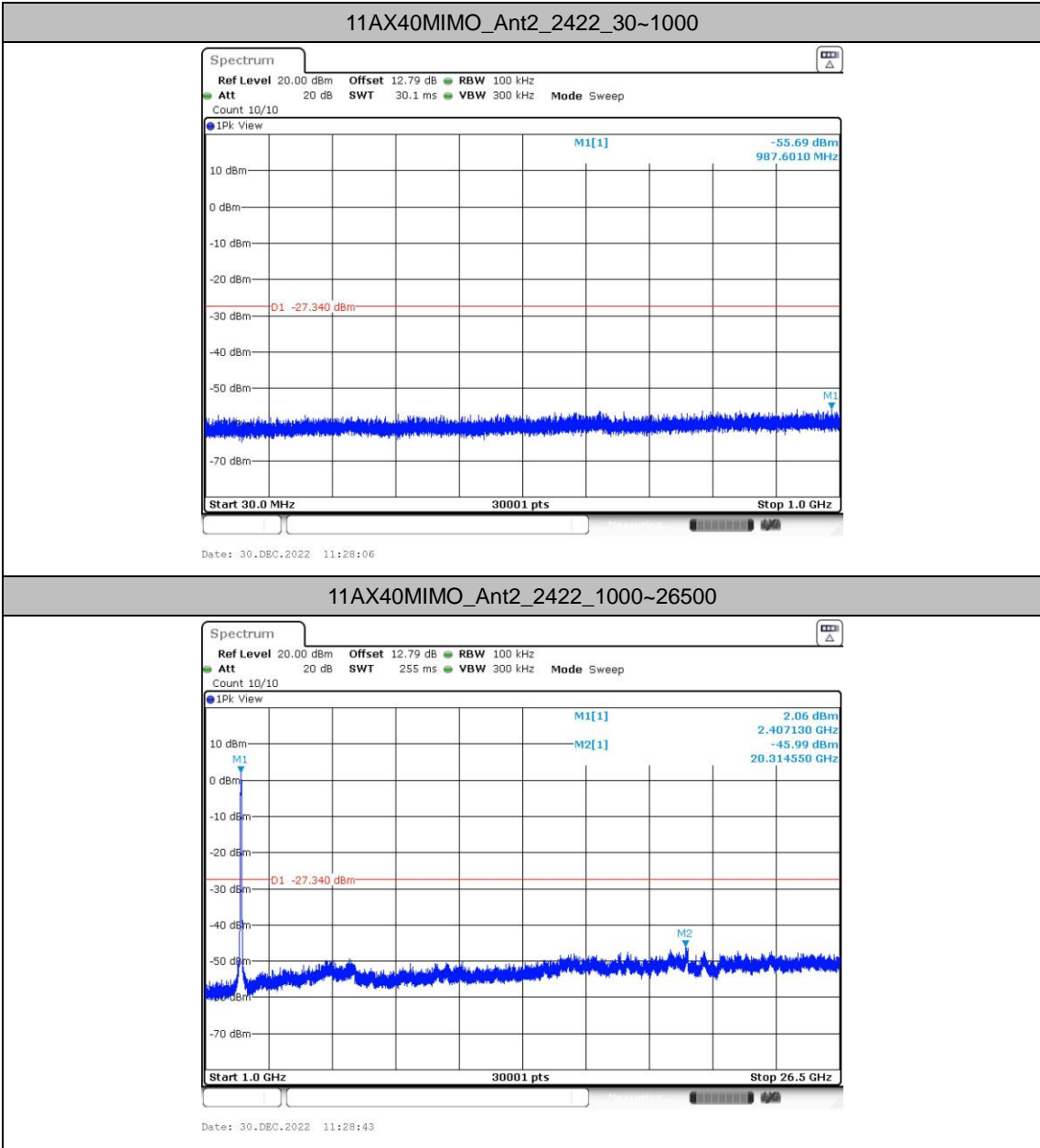


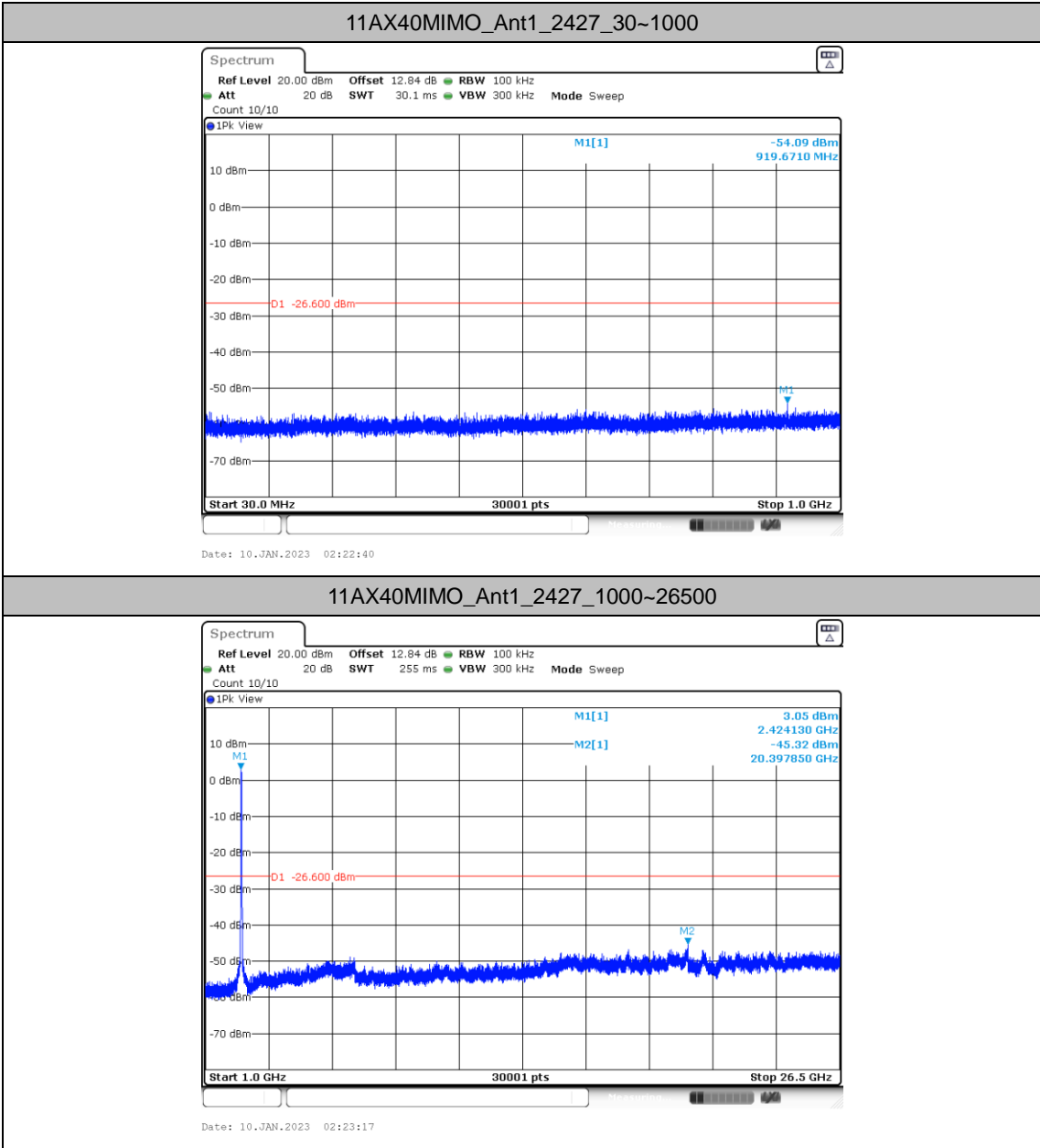


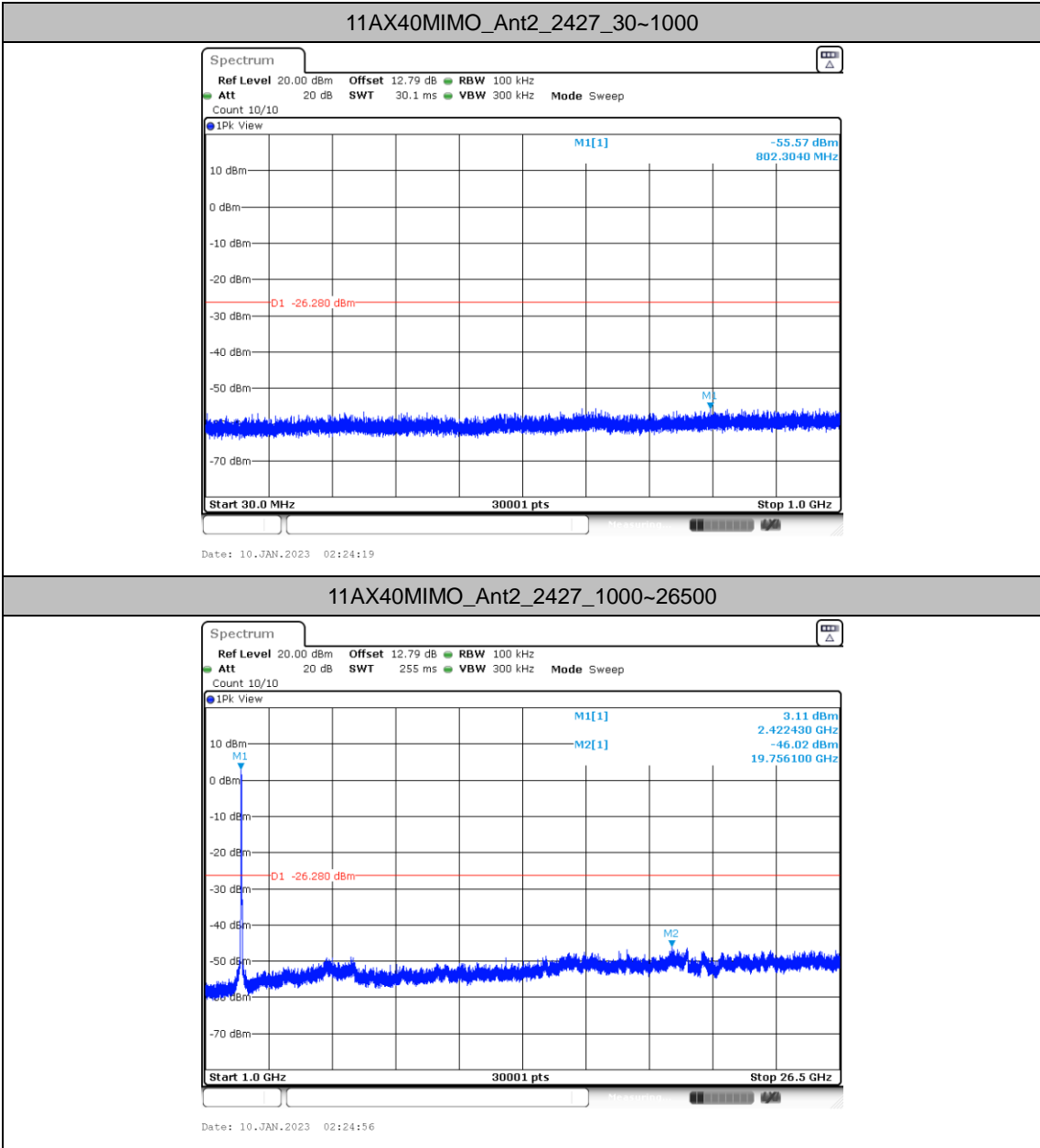


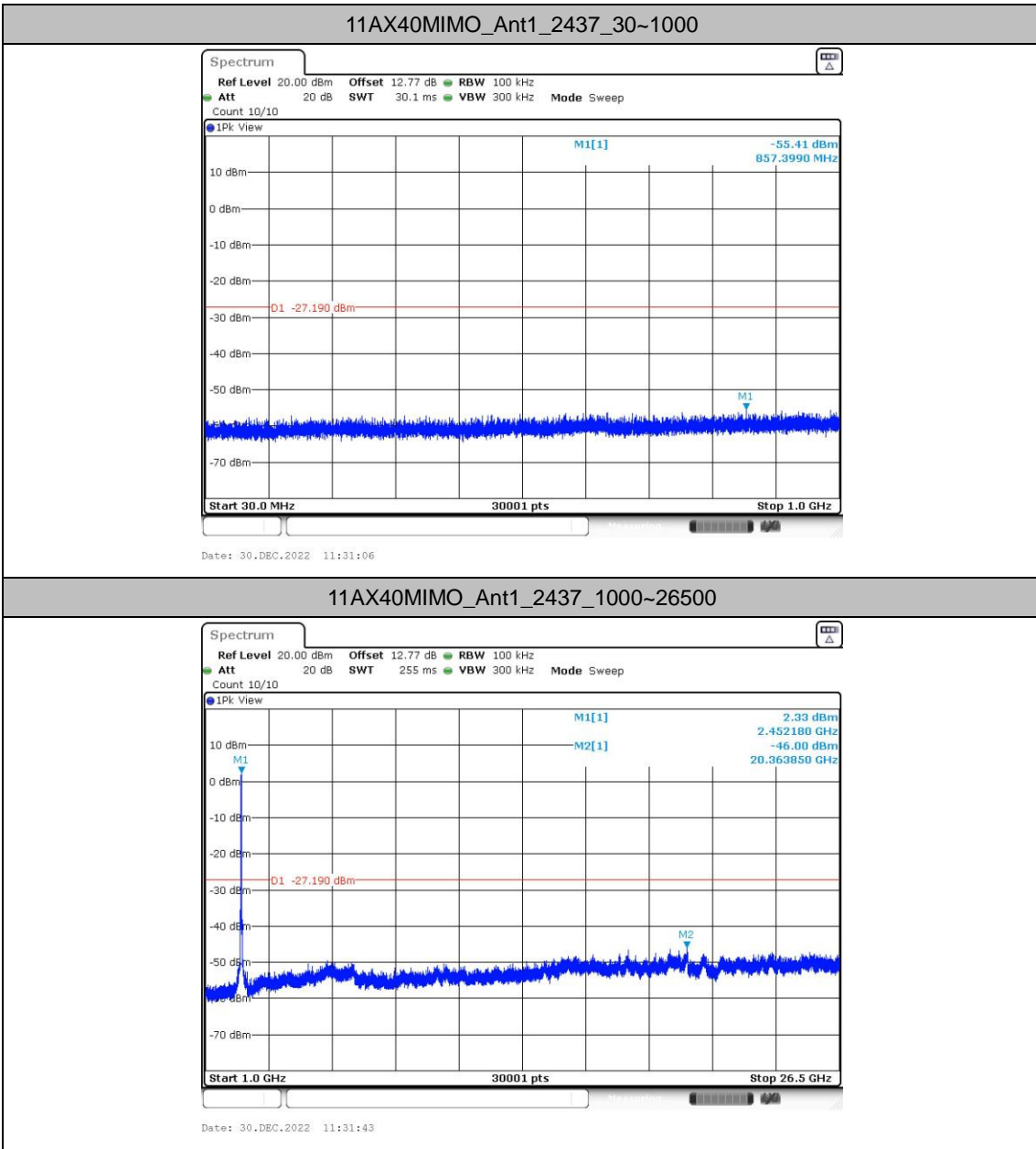


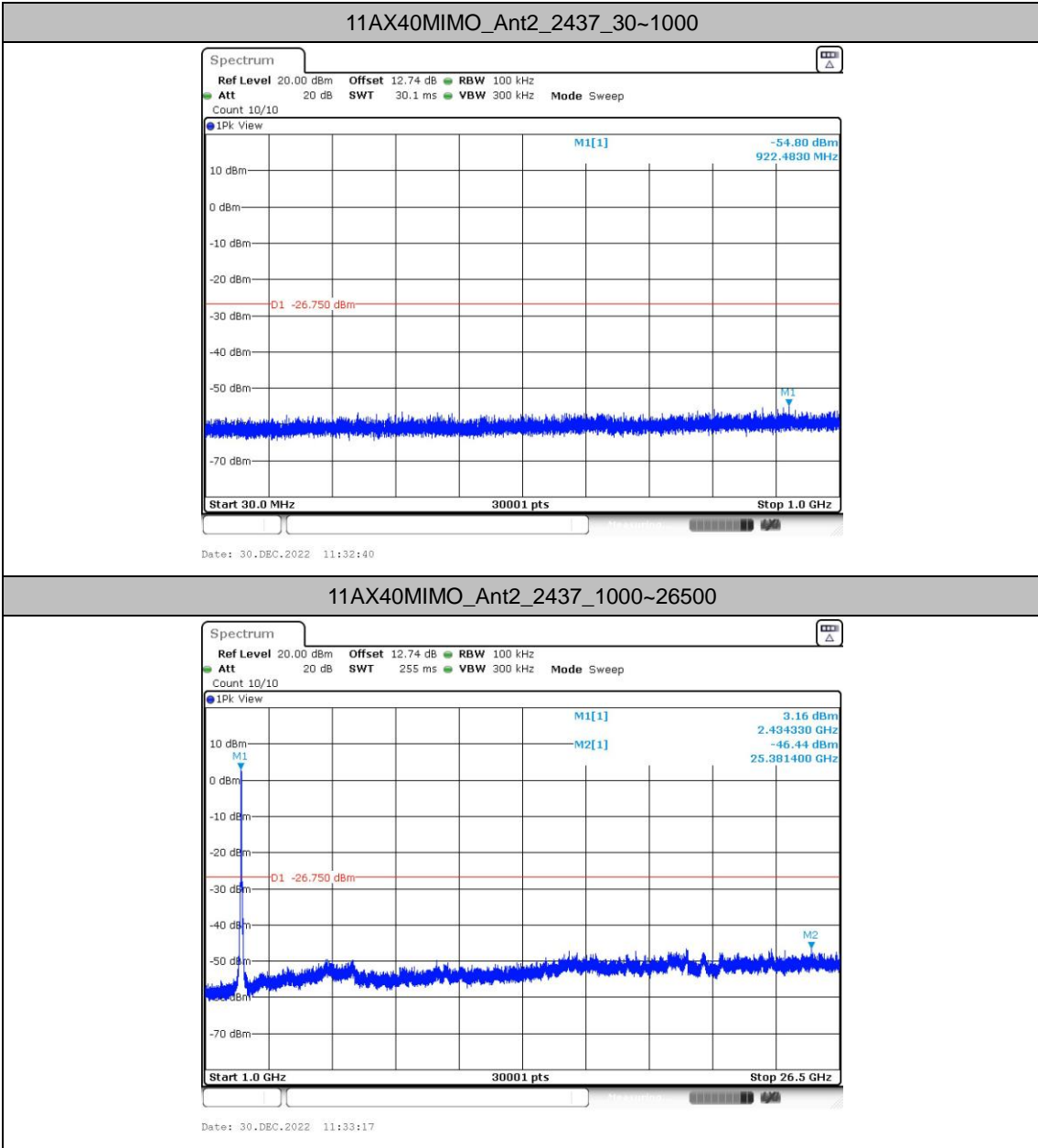


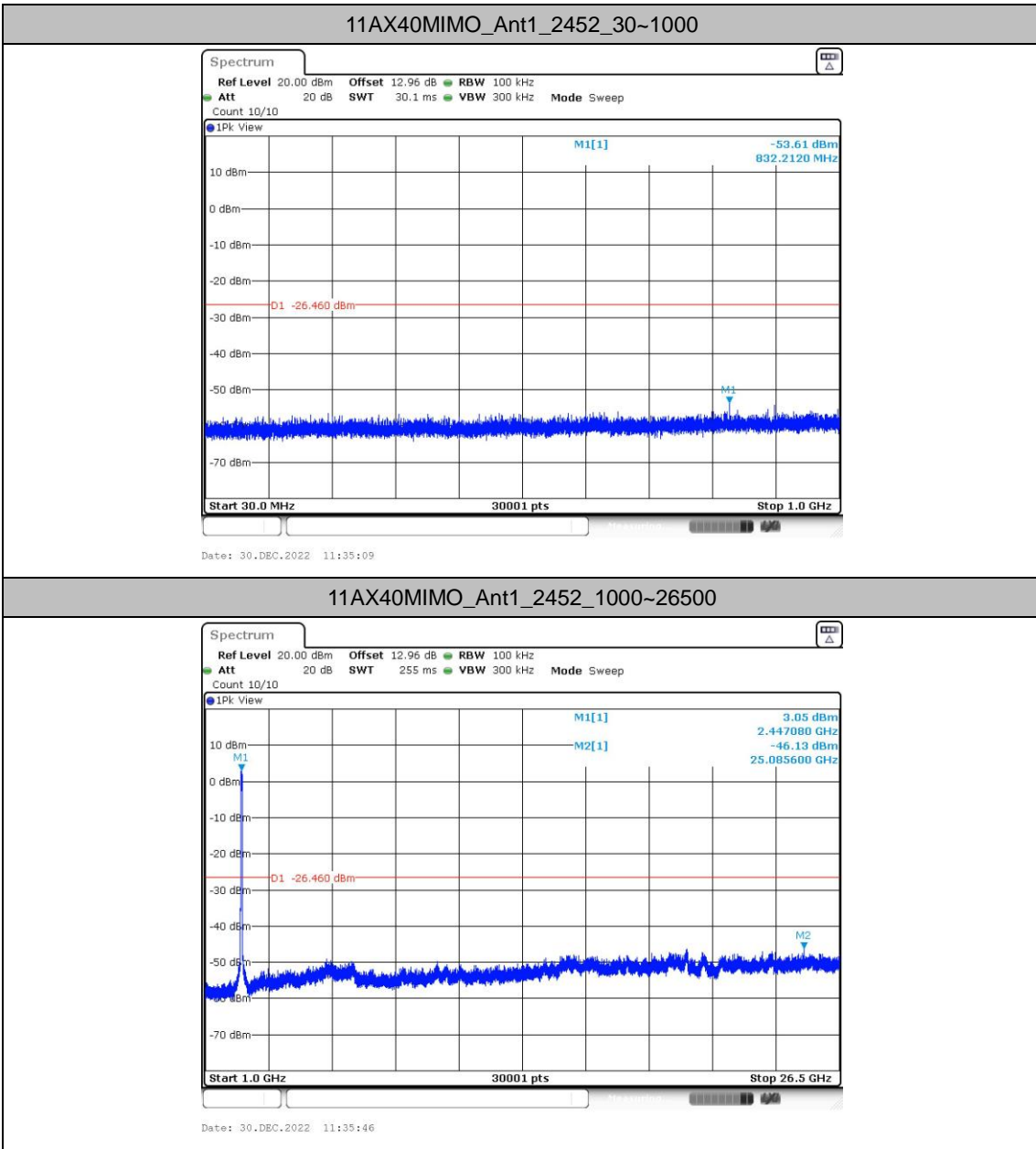


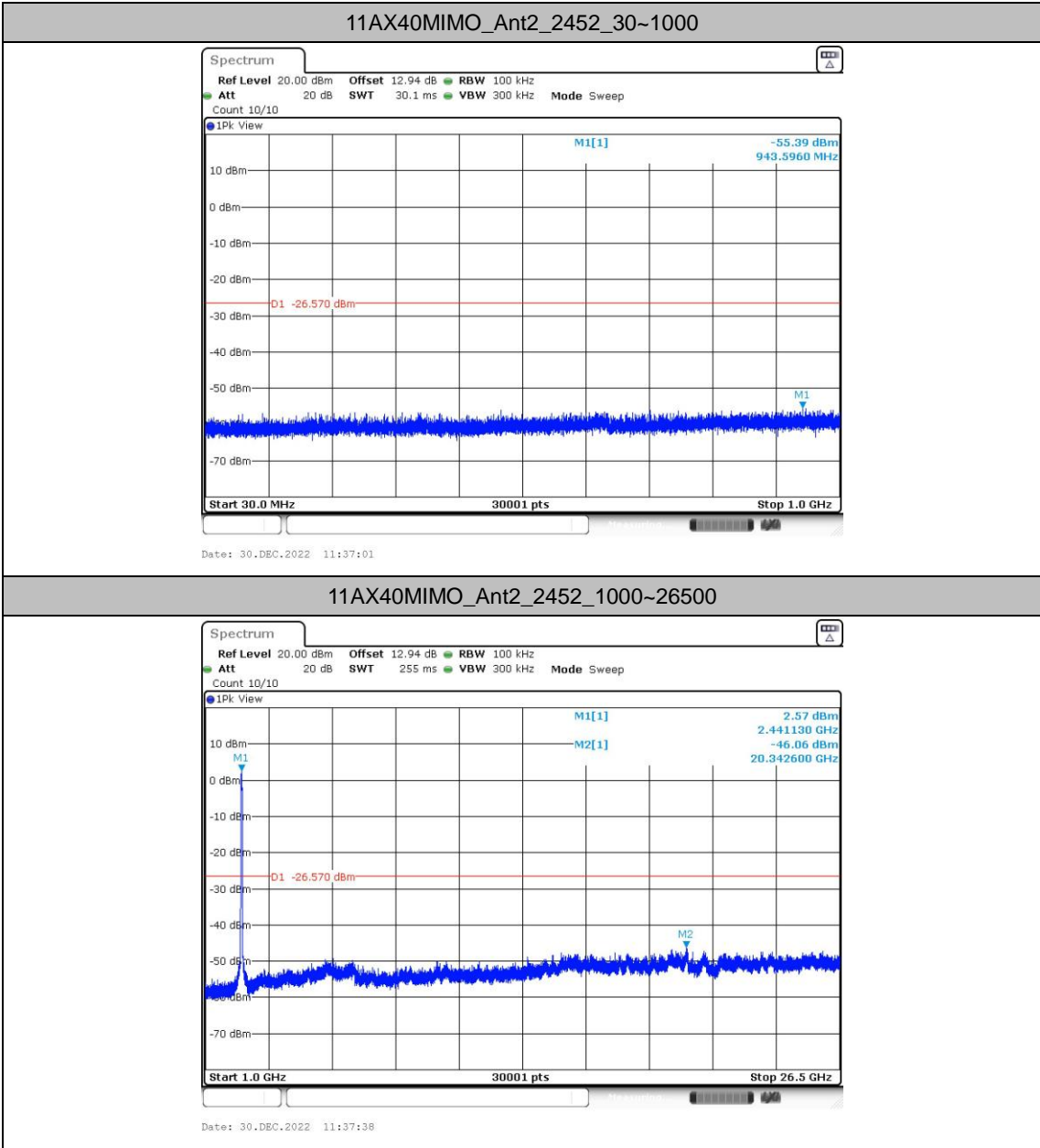








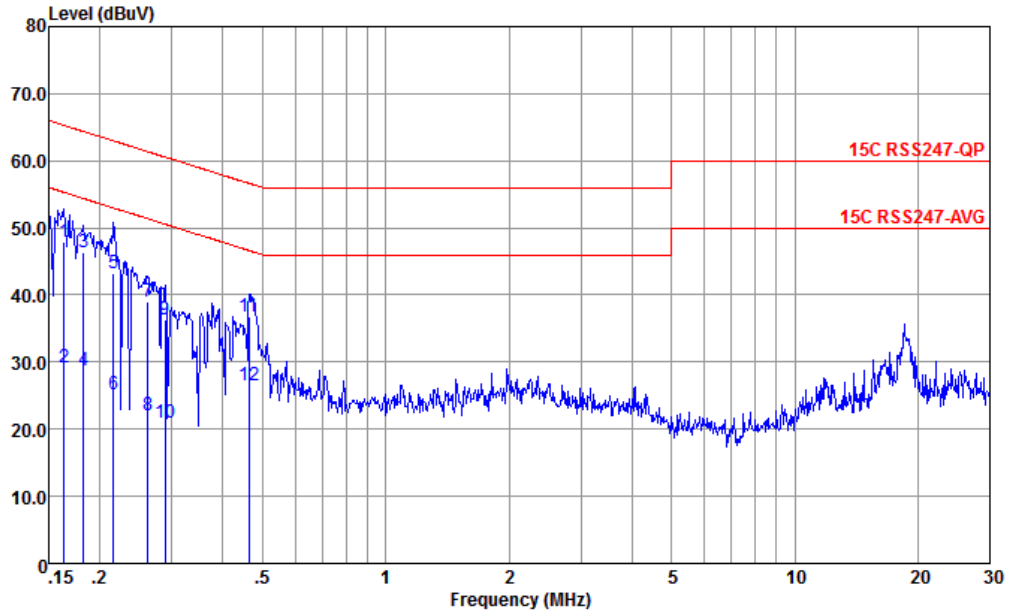






Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos Zhang	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.		

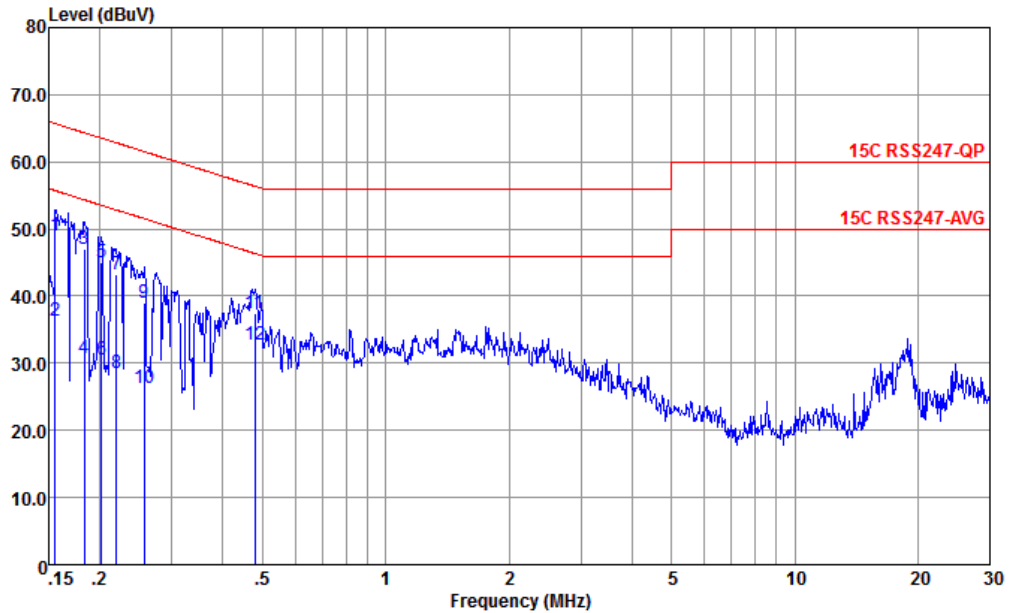


Site : CO01-KS
 Condition : 15C RSS247-QP LISN-060105-LINE LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1 *	0.163	47.98	-17.32	65.30	37.49	0.06	10.43	QP
2	0.163	29.28	-26.02	55.30	18.79	0.06	10.43	Average
3	0.182	46.26	-18.11	64.37	35.80	0.04	10.42	QP
4	0.182	28.66	-25.71	54.37	18.20	0.04	10.42	Average
5	0.216	43.23	-19.73	62.96	32.79	0.03	10.41	QP
6	0.216	25.23	-27.73	52.96	14.79	0.03	10.41	Average
7	0.262	38.92	-22.46	61.38	28.50	0.05	10.37	QP
8	0.262	22.02	-29.36	51.38	11.60	0.05	10.37	Average
9	0.289	36.21	-24.33	60.54	25.79	0.06	10.36	QP
10	0.289	21.01	-29.53	50.54	10.59	0.06	10.36	Average
11	0.464	36.82	-19.81	56.63	26.60	-0.02	10.24	QP
12	0.464	26.42	-20.21	46.63	16.20	-0.02	10.24	Average



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



Site : CO01-KS
 Condition : 15C RSS247-QP LISN-060105-NEUTRAL NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.156	49.09	-16.60	65.69	38.63	0.03	10.43	QP
2	0.156	36.39	-19.30	55.69	25.93	0.03	10.43	Average
3	0.183	47.06	-17.27	64.33	36.60	0.04	10.42	QP
4	0.183	30.66	-23.67	54.33	20.20	0.04	10.42	Average
5	0.202	45.04	-18.50	63.54	34.57	0.05	10.42	QP
6	0.202	30.64	-22.90	53.54	20.17	0.05	10.42	Average
7	0.220	43.23	-19.60	62.83	32.80	0.03	10.40	QP
8	0.220	28.63	-24.20	52.83	18.20	0.03	10.40	Average
9	0.256	39.02	-22.54	61.56	28.65	-0.01	10.38	QP
10	0.256	26.32	-25.24	51.56	15.95	-0.01	10.38	Average
11	0.479	37.40	-18.96	56.36	27.25	-0.08	10.23	QP
12 *	0.479	32.80	-13.56	46.36	22.65	-0.08	10.23	Average

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



Appendix C. Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	22~23°C
		Relative Humidity :	41~42%

Note: All modes had been tested, only the worst channel test data of each mode are shown in the report

<CDD 1S2T>

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
CDD 1S2T 802.11b CH 03 2422MHz		2382.02	62.17	-11.83	74	59.31	32.31	7.1	36.55	198	126	P	H
		2384.23	52.67	-1.33	54	49.81	32.31	7.1	36.55	198	126	A	H
	*	2422	113.5	-	-	110.68	32.38	7.16	36.72	198	126	P	H
	*	2422	111.21	-	-	108.39	32.38	7.16	36.72	198	126	A	H
		2385.79	60.99	-13.01	74	58	32.4	7.1	36.51	100	108	P	V
		2387.22	50.65	-3.35	54	47.66	32.4	7.1	36.51	100	108	A	V
	*	2422	114.06	-	-	111.24	32.38	7.16	36.72	100	108	P	V
	*	2422	111.9	-	-	109.08	32.38	7.16	36.72	100	108	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												