

Appendix A: Duty cycle Test Result

TestMode	Channel	Duty Cycle [%]
11B	2412	88.82
	2437	88.92
	2462	88.87
11G	2412	86.65
	2437	86.78
	2462	86.65
11N20SISO	2412	86.00
	2437	86.00
	2462	86.00



Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749





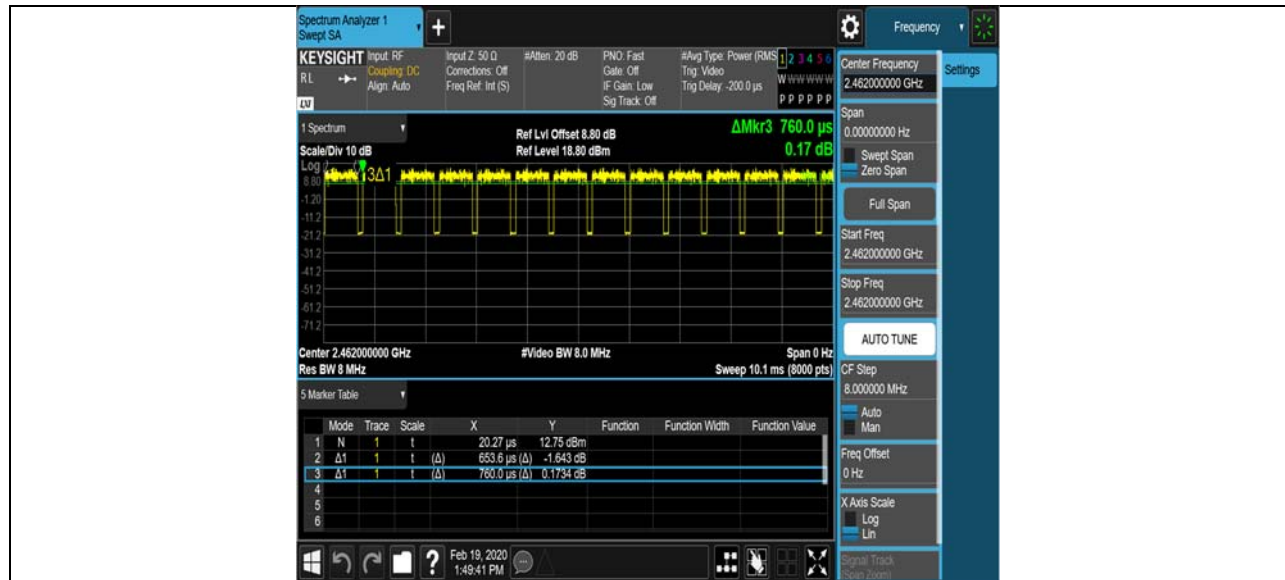
Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749





Appendix B: 6dB bandwidth Test Result

TestMode	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	2412	8.160	2407.880	2416.040	≥ 0.5	PASS
	2437	8.640	2432.880	2441.520	≥ 0.5	PASS
	2462	8.200	2457.840	2466.040	≥ 0.5	PASS
11G	2412	16.120	2404.000	2420.120	≥ 0.5	PASS
	2437	15.880	2429.000	2444.880	≥ 0.5	PASS
	2462	15.840	2454.000	2469.840	≥ 0.5	PASS
11N20SISO	2412	16.200	2404.120	2420.320	≥ 0.5	PASS
	2437	16.600	2428.760	2445.360	≥ 0.5	PASS
	2462	16.600	2453.760	2470.360	≥ 0.5	PASS



Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749





Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749





Appendix C: 99% Occupied bandwidth Test Result

TestMode	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	2412	11.131	2406.419	2417.550	---	PASS
	2437	11.103	2431.432	2442.535	---	PASS
	2462	11.136	2456.386	2467.522	---	PASS
11G	2412	16.641	2403.623	2420.264	---	PASS
	2437	16.611	2428.656	2445.267	---	PASS
	2462	16.624	2453.633	2470.257	---	PASS
11N20SISO	2412	17.497	2403.194	2420.691	---	PASS
	2437	17.470	2428.197	2445.667	---	PASS
	2462	17.483	2453.200	2470.683	---	PASS



Test Report No.: EFGX20110116-IE-01-E01

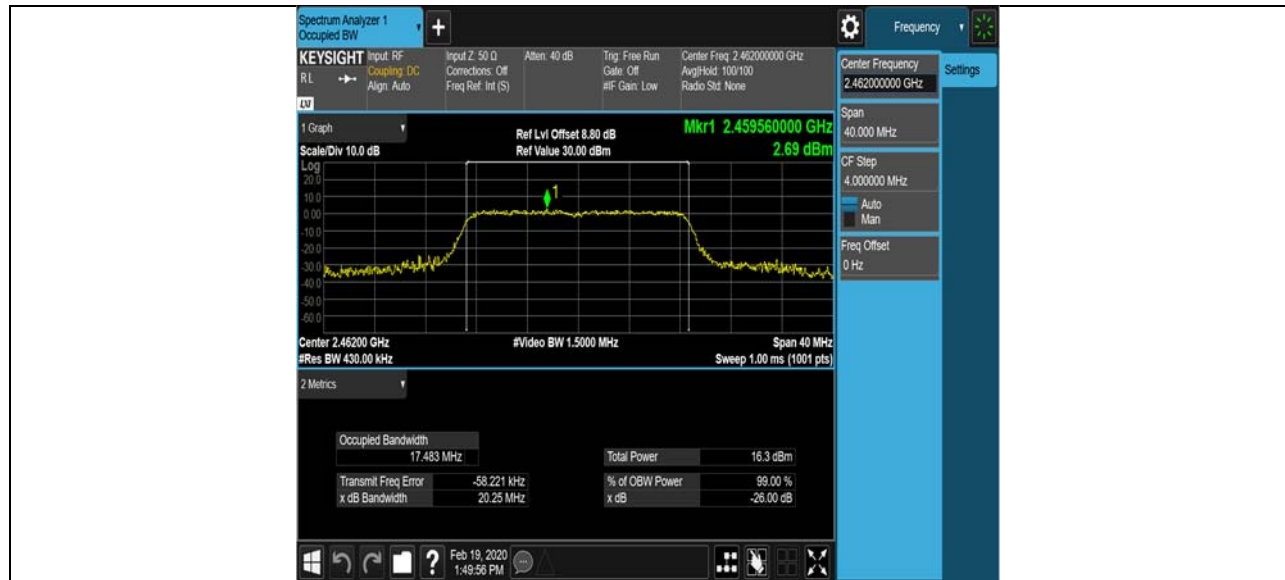
Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749



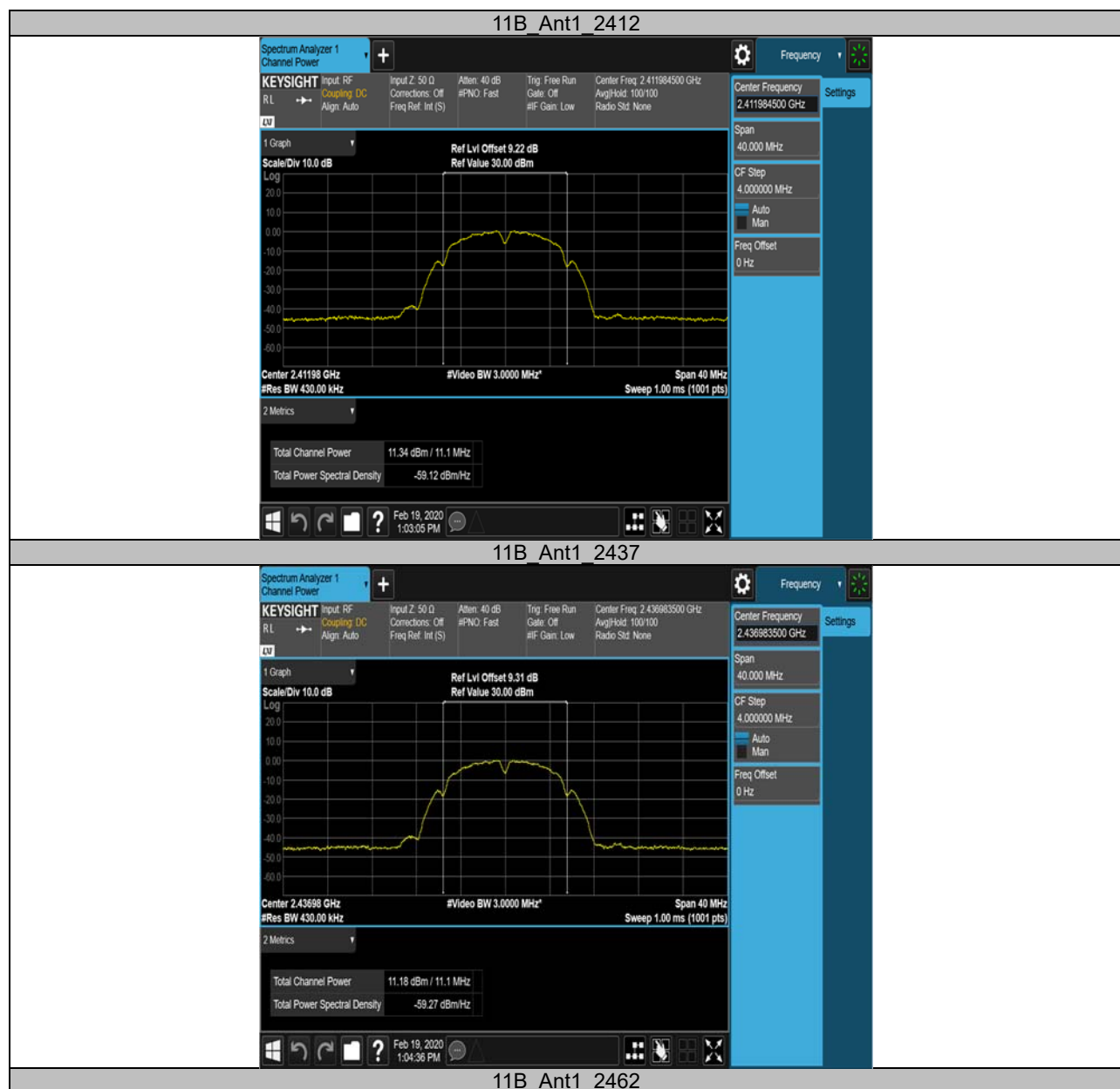


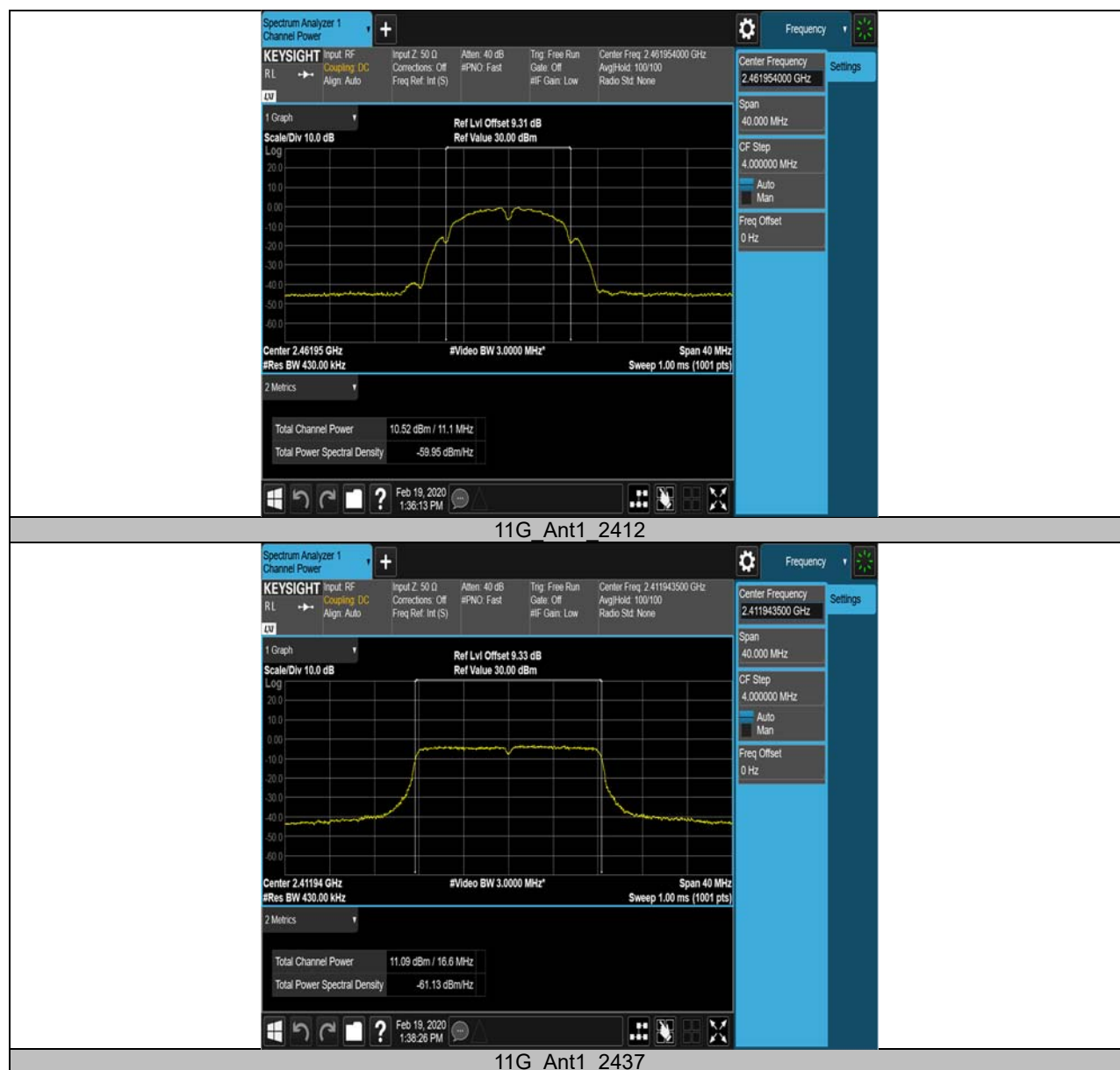




Appendix D: Conducted output power for DTS Test Result

TestMode	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	2412	11.34	<=30	PASS
	2437	11.18	<=30	PASS
	2462	10.52	<=30	PASS
11G	2412	11.09	<=30	PASS
	2437	10.75	<=30	PASS
	2462	10.37	<=30	PASS
11N20SISO	2412	11.06	<=30	PASS
	2437	10.66	<=30	PASS
	2462	10.26	<=30	PASS







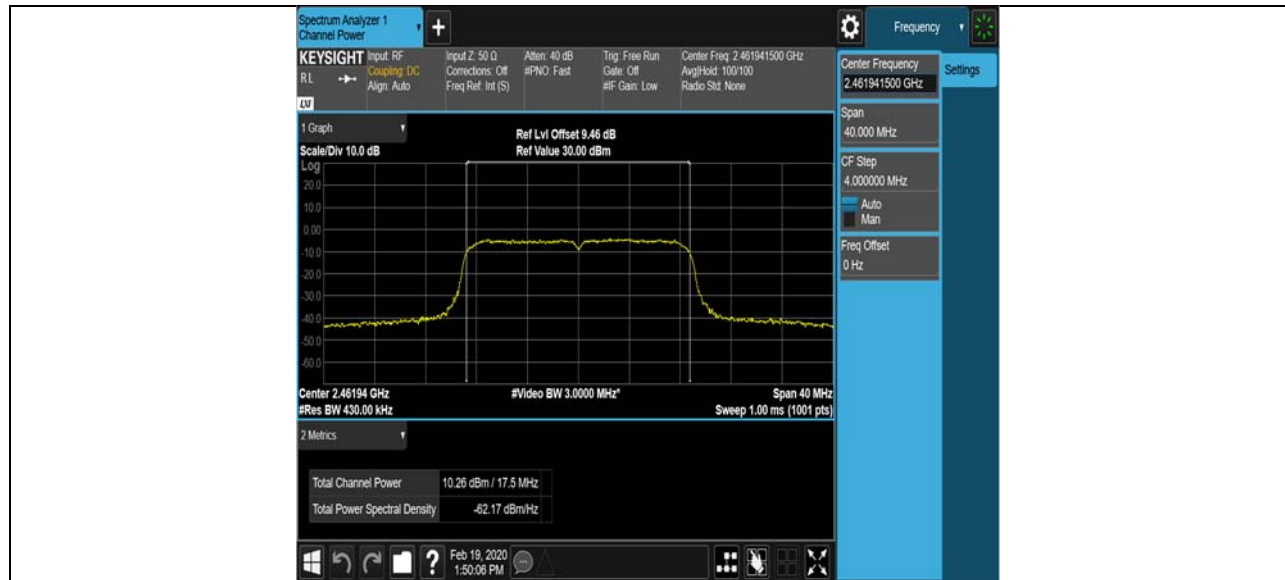
Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749





Appendix E: Power spectral density Test Result

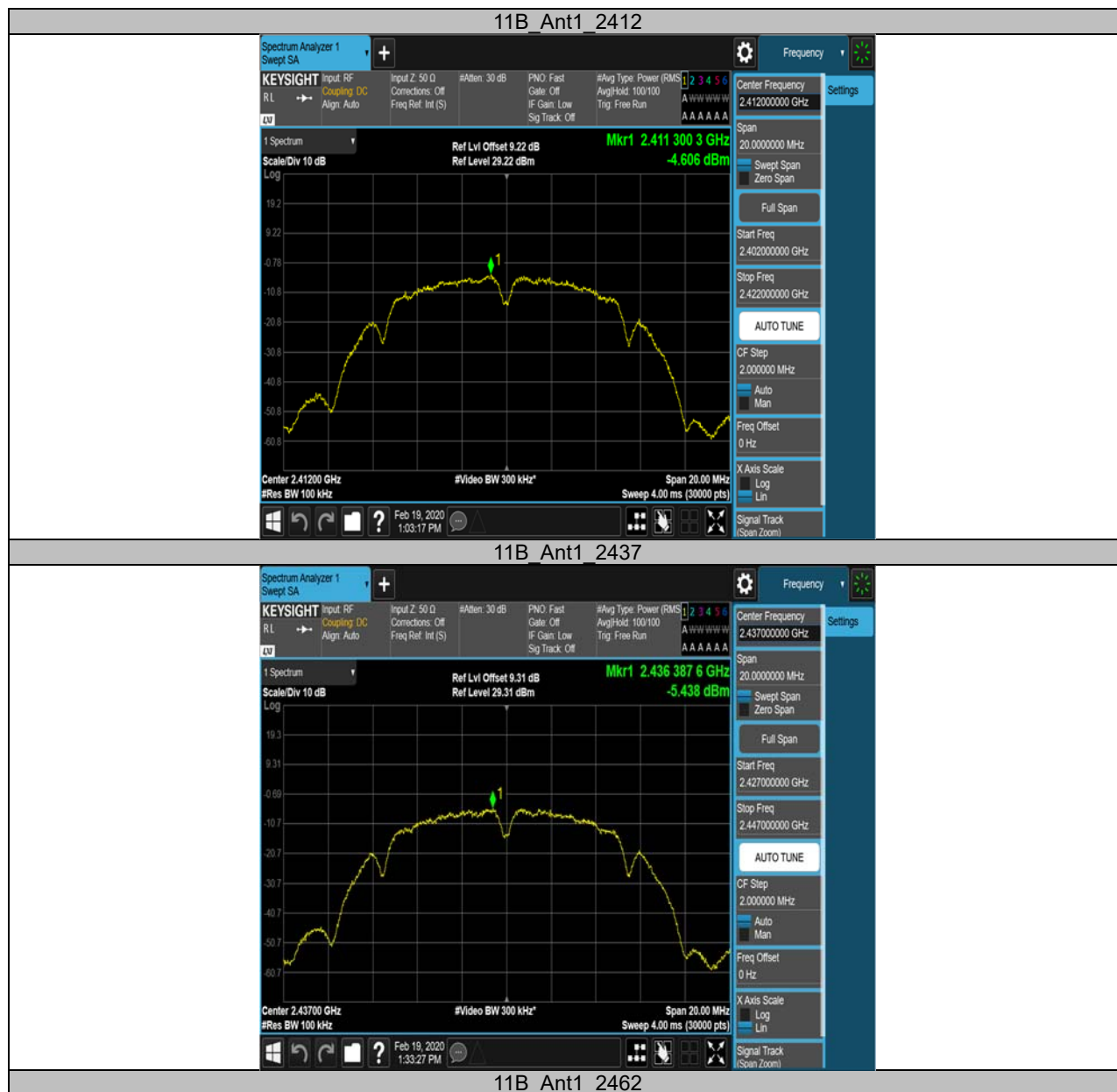
TestMode	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	-4.61	<=8	PASS
	2437	-5.44	<=8	PASS
	2462	-5.71	<=8	PASS
11G	2412	-8.16	<=8	PASS
	2437	-8.45	<=8	PASS
	2462	-9.18	<=8	PASS
11N20SISO	2412	-8.07	<=8	PASS
	2437	-8.43	<=8	PASS
	2462	-8.99	<=8	PASS

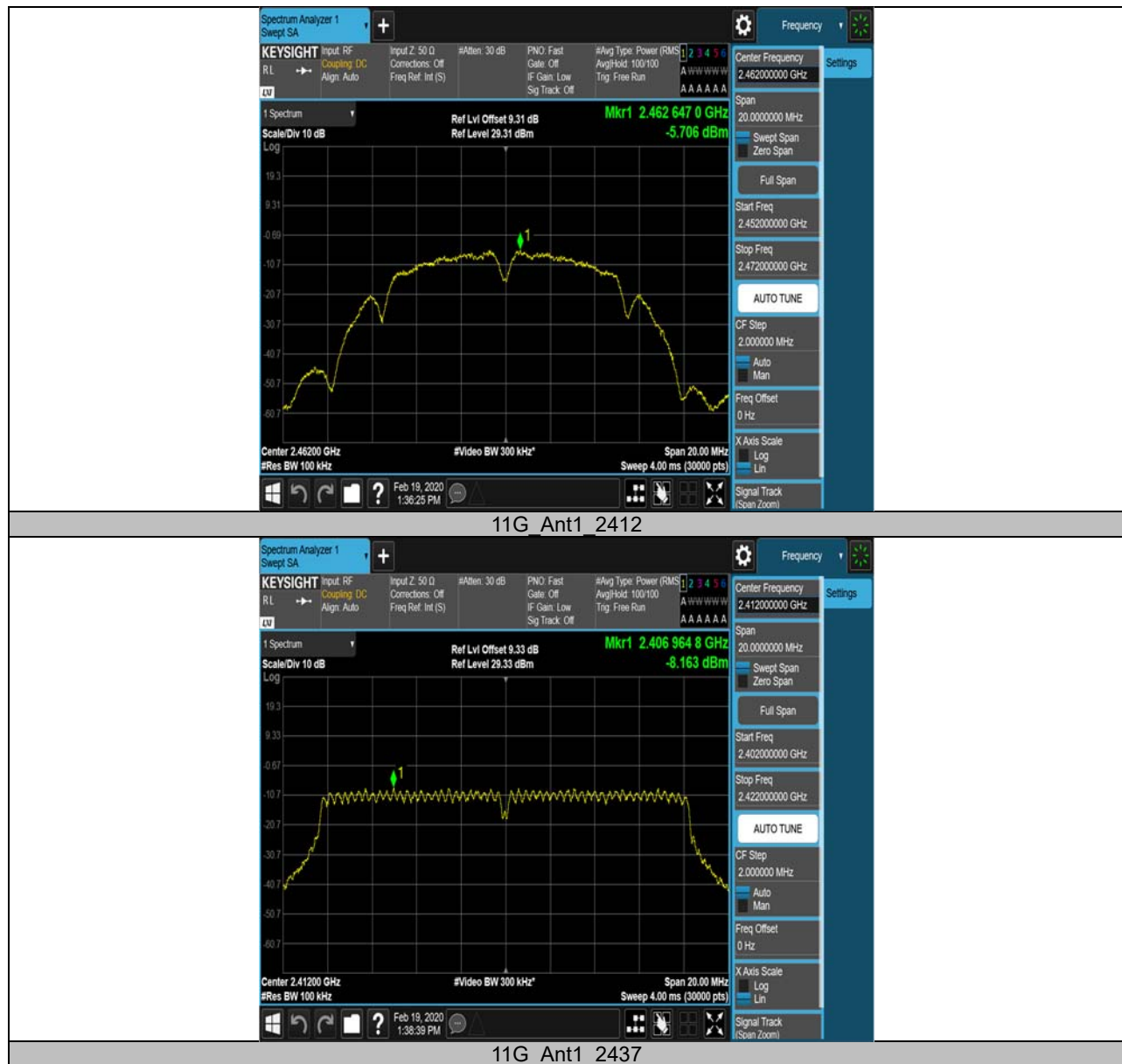
Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749





Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749



Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749



Test Report No.: EFGX20110116-IE-01-E01

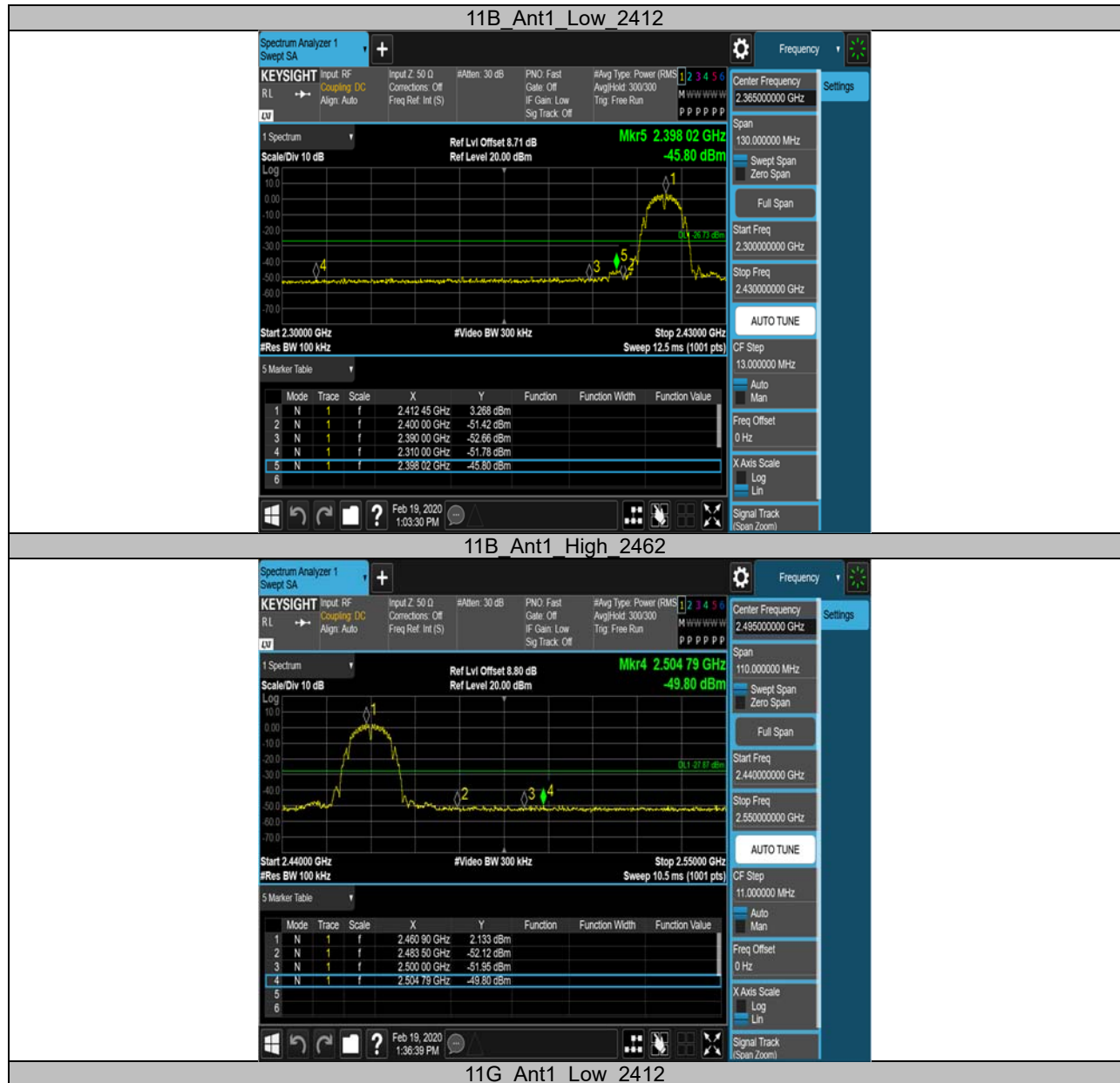
Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749



Appendix F: Band edge Test Result

TestMode	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Low	2412	3.27	-45.8	<=-26.73	PASS
	High	2462	2.13	-49.8	<=-27.87	PASS
11G	Low	2412	-0.09	-37.56	<=-30.09	PASS
	High	2462	-0.95	-45.25	<=-30.95	PASS
11N20SISO	Low	2412	0.34	-35.04	<=-29.66	PASS
	High	2462	-0.71	-44.29	<=-30.71	PASS



Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749





Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

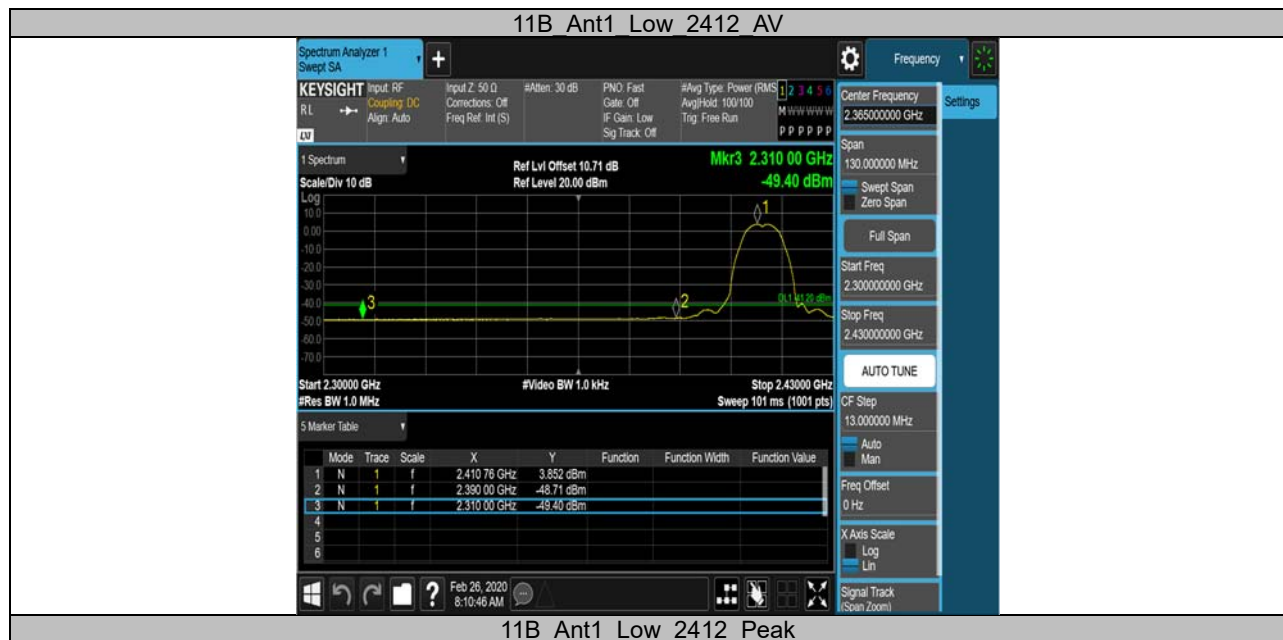
Appendix H: Emissions in Restricted Bands Test Result

TestMode	ChName	Channel	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Low	2412	AV	2310.000	-49.4	<=-41.20	PASS
			AV	2390.000	-48.71	<=-41.20	PASS
			Peak	2310.000	-42.88	<=-21.20	PASS
			Peak	2390.000	-41.23	<=-21.20	PASS
	High	2462	AV	2483.500	-48.3	<=-41.20	PASS
			AV	2500.000	-48.64	<=-41.20	PASS
			Peak	2483.500	-40.4	<=-21.20	PASS
			Peak	2500.000	-42.08	<=-21.20	PASS
11G	Low	2412	AV	2310.000	-49.06	<=-41.20	PASS
			AV	2390.000	-45.14	<=-41.20	PASS
			Peak	2310.000	-43.28	<=-21.20	PASS
			Peak	2390.000	-37	<=-21.20	PASS
	High	2462	AV	2483.500	-45.92	<=-41.20	PASS
			AV	2500.000	-48.26	<=-41.20	PASS
			Peak	2483.500	-38.23	<=-21.20	PASS
			Peak	2500.000	-41.81	<=-21.20	PASS
11N20SIS O	Low	2412	AV	2310.000	-49.01	<=-41.20	PASS
			AV	2390.000	-44.4	<=-41.20	PASS
			Peak	2310.000	-42.79	<=-21.20	PASS
			Peak	2390.000	-33.9	<=-21.20	PASS
	High	2462	AV	2483.500	-45.62	<=-41.20	PASS
			AV	2500.000	-48.25	<=-41.20	PASS
			Peak	2483.500	-36.8	<=-21.20	PASS
			Peak	2500.000	-41.34	<=-21.20	PASS

Note:

1. The Antenna Gain is compensated in the graph.

The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm



Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax: +86-755-82910749













Appendix G: Spurious RF conducted emissions Test Result

TestMode	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	2412	Reference	0.93	0.93	---	PASS
		30~1000	30~1000	-62.742	<=-19.074	PASS
		1000~26500	1000~26500	-54.416	<=-19.074	PASS
	2437	Reference	1.22	1.22	---	PASS
		30~1000	30~1000	-62.264	<=-18.783	PASS
		1000~26500	1000~26500	-54.282	<=-18.783	PASS
	2462	Reference	-0.06	-0.06	---	PASS
		30~1000	30~1000	-61.657	<=-20.064	PASS
		1000~26500	1000~26500	-54.535	<=-20.064	PASS
11G	2412	Reference	-2.11	-2.11	---	PASS
		30~1000	30~1000	-61.964	<=-22.108	PASS
		1000~26500	1000~26500	-53.867	<=-22.108	PASS
	2437	Reference	-1.69	-1.69	---	PASS
		30~1000	30~1000	-62.321	<=-21.688	PASS
		1000~26500	1000~26500	-53.27	<=-21.688	PASS
	2462	Reference	-2.88	-2.88	---	PASS
		30~1000	30~1000	-62.206	<=-22.88	PASS
		1000~26500	1000~26500	-53.404	<=-22.88	PASS
11N20SISO	2412	Reference	-1.69	-1.69	---	PASS
		30~1000	30~1000	-61.171	<=-21.694	PASS
		1000~26500	1000~26500	-54.22	<=-21.694	PASS
	2437	Reference	-1.84	-1.84	---	PASS
		30~1000	30~1000	-62.326	<=-21.844	PASS
		1000~26500	1000~26500	-54.117	<=-21.844	PASS
	2462	Reference	-3.01	-3.01	---	PASS

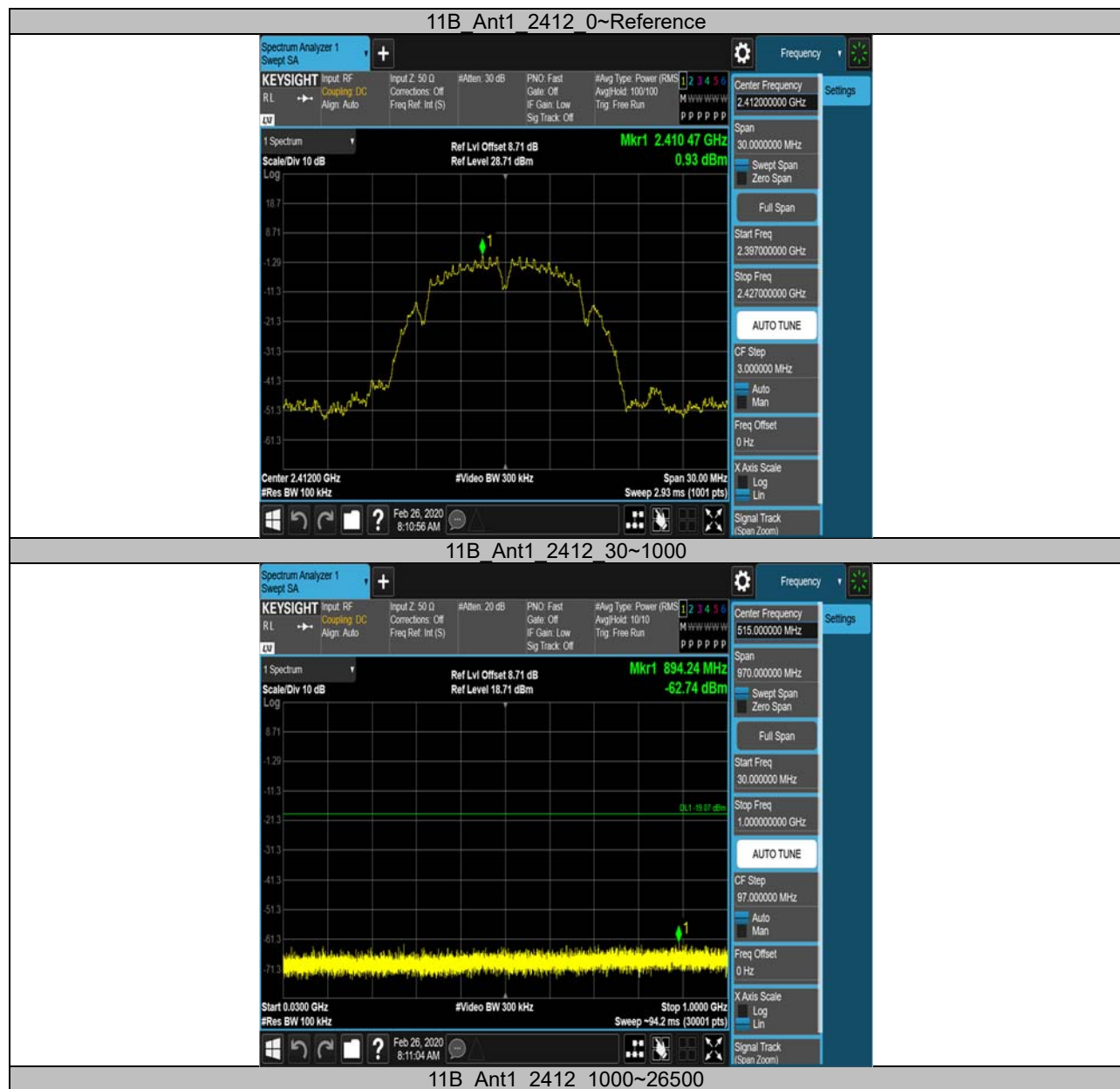
Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

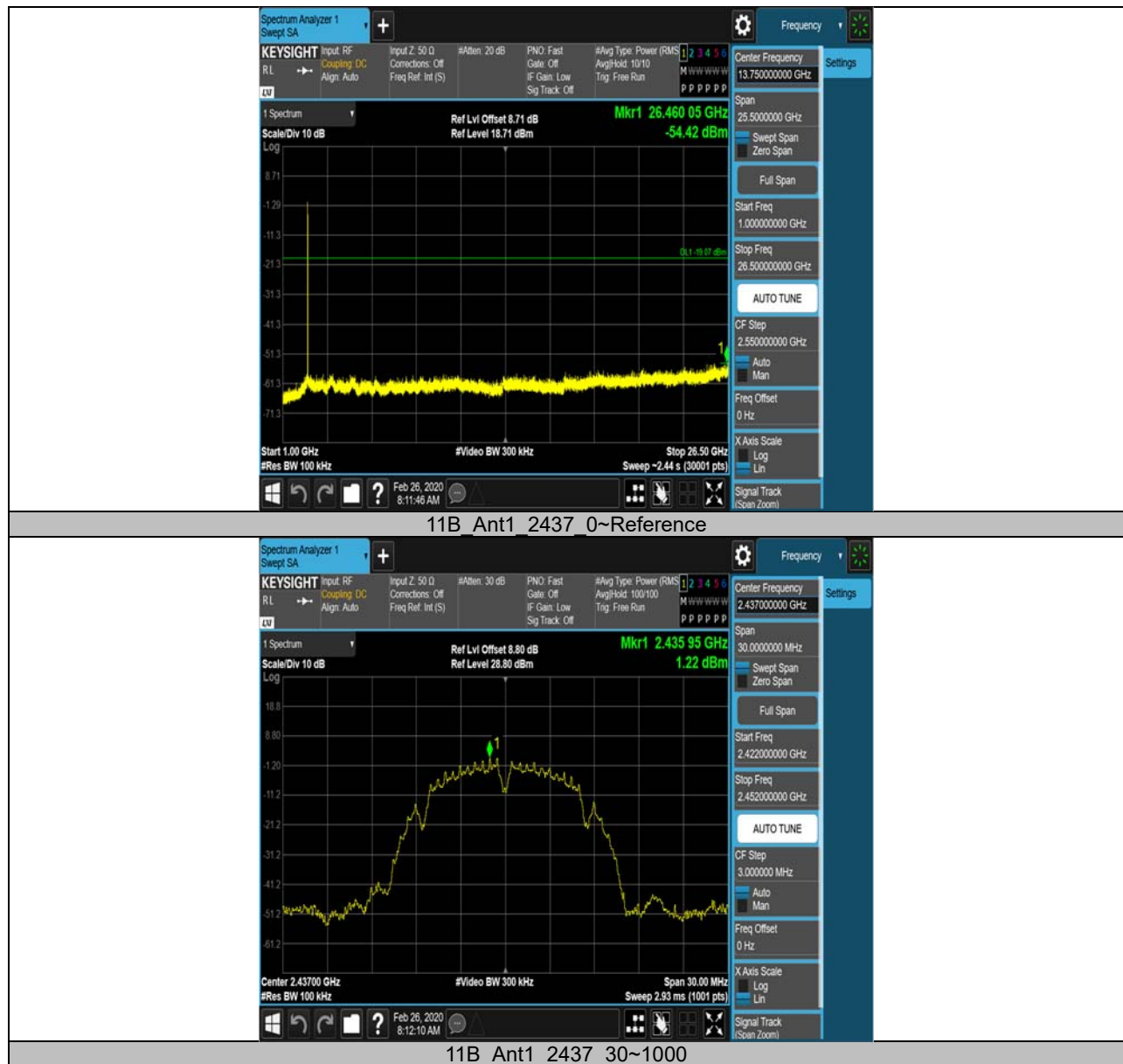
		30~1000	30~1000	-61.62	<=-23.009	PASS
		1000~26500	1000~26500	-53.536	<=-23.009	PASS



Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

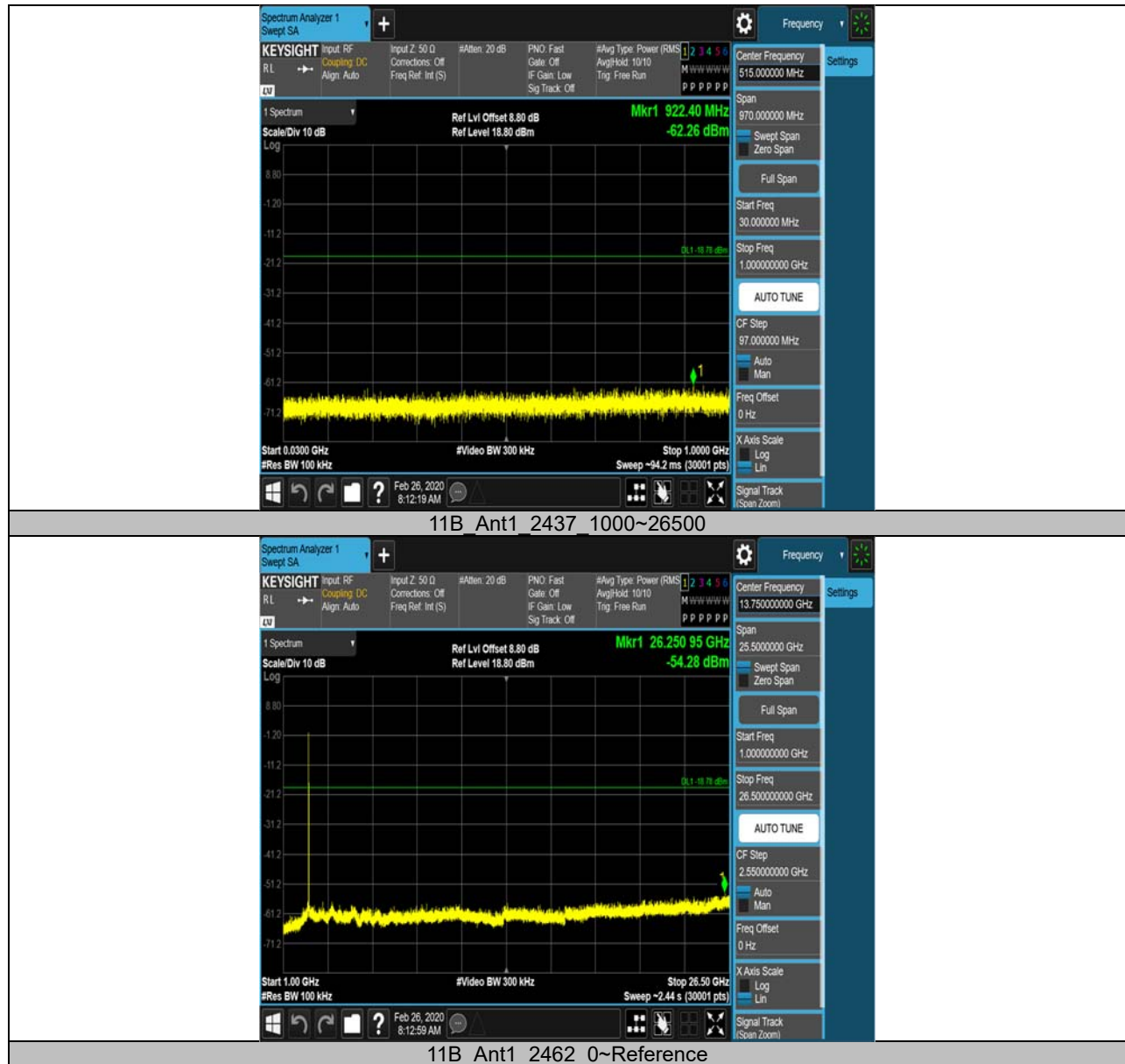
1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749



Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
 P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

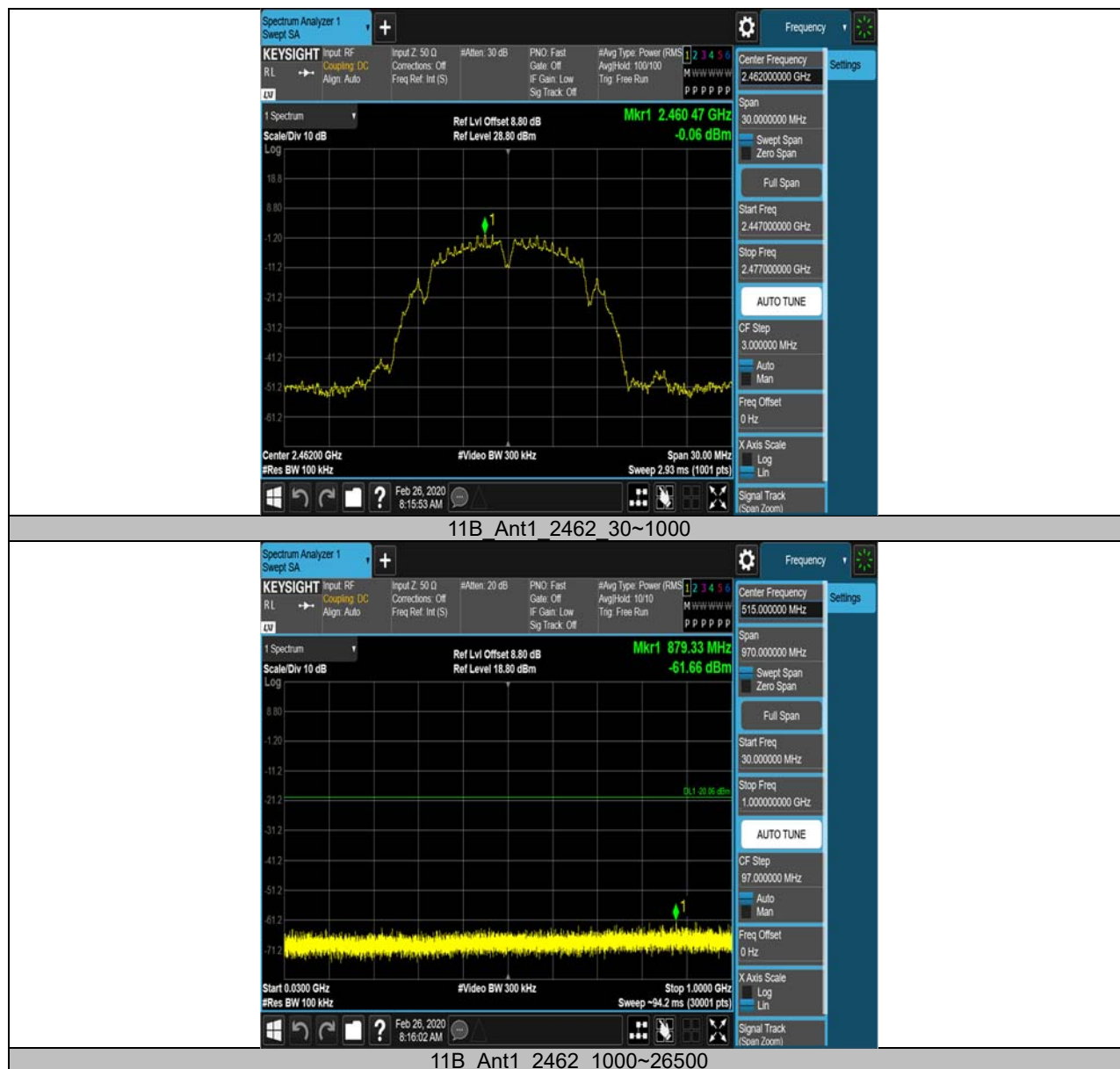


Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

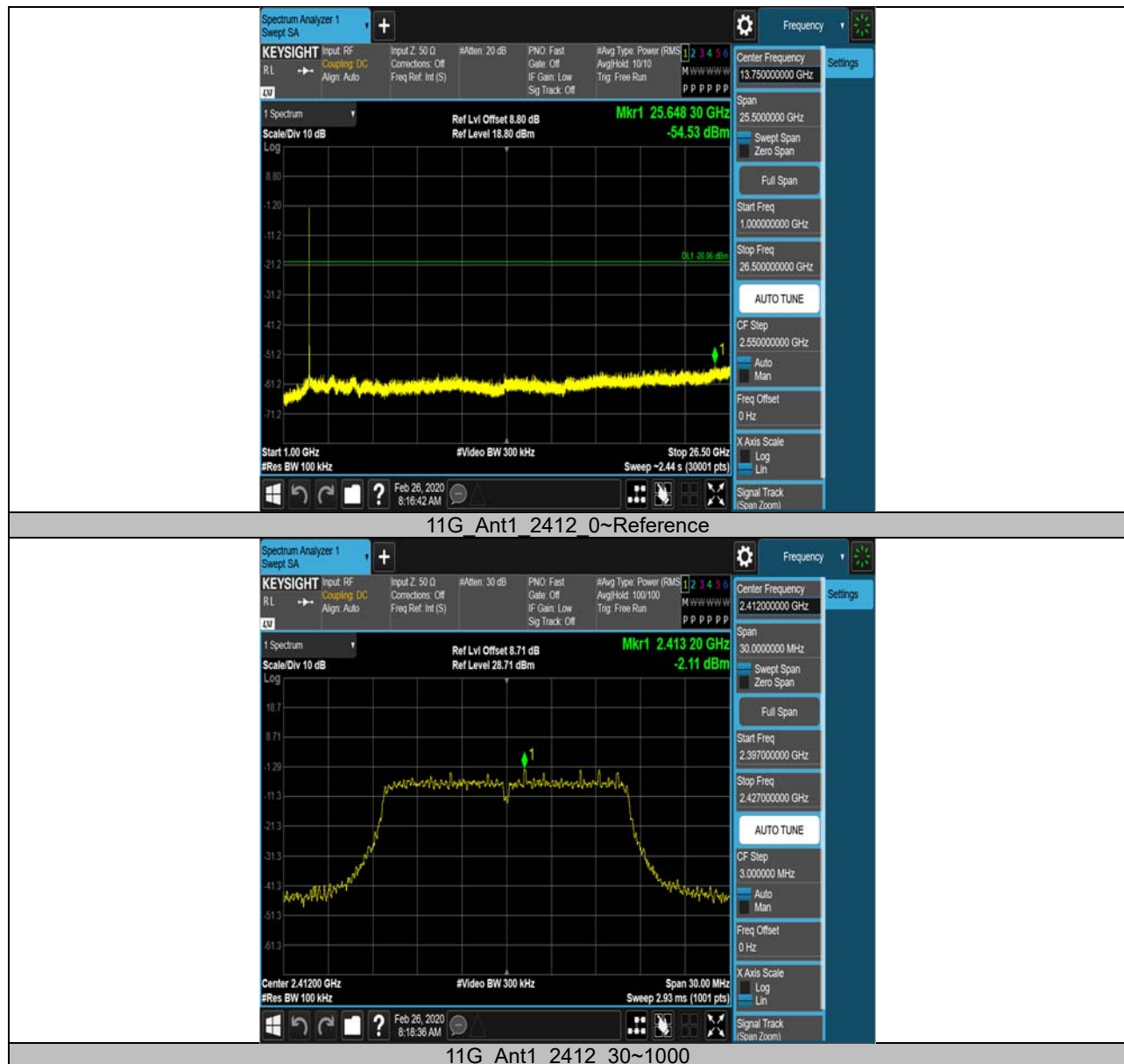


Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

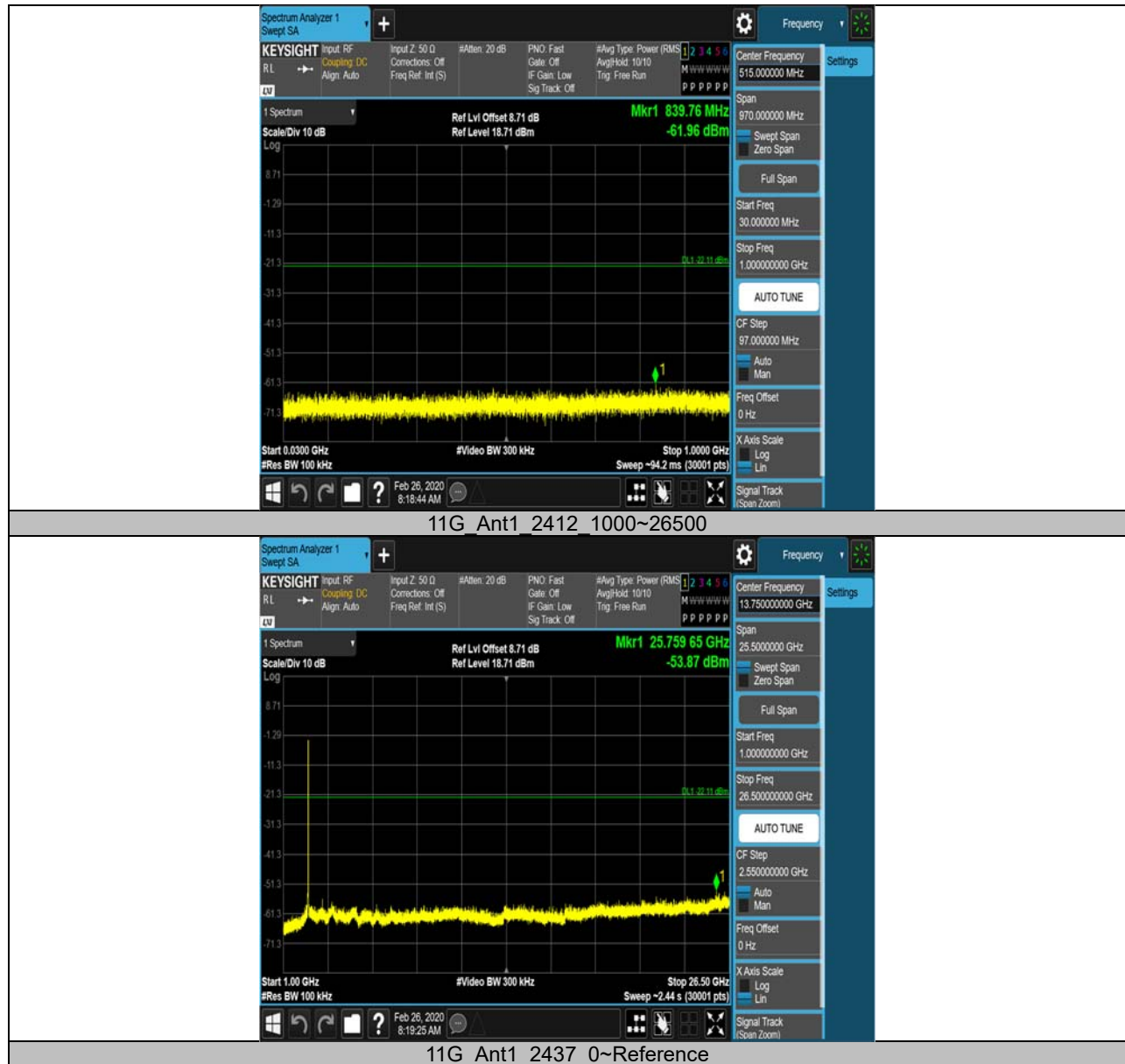
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749



Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
 P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

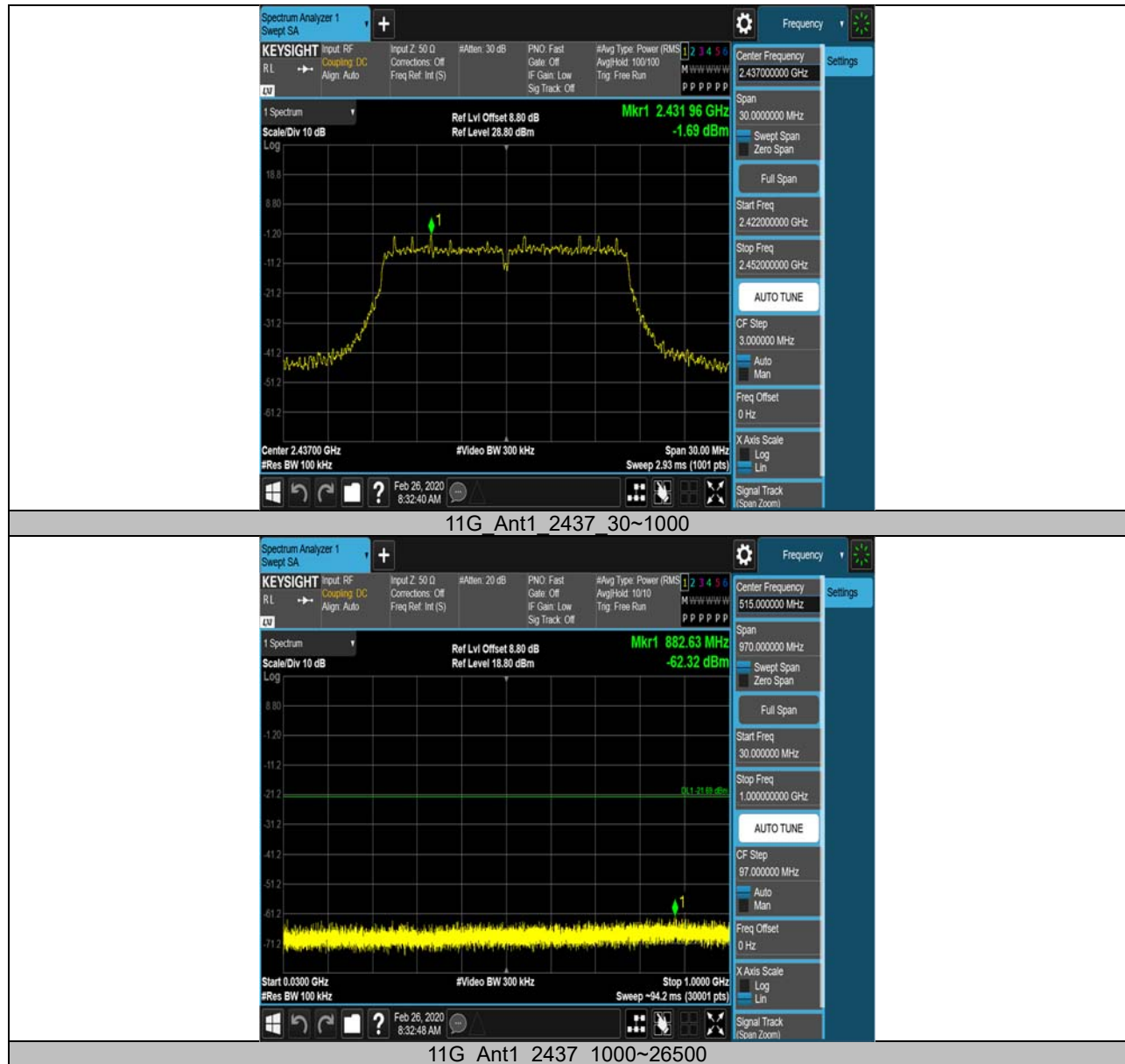


Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

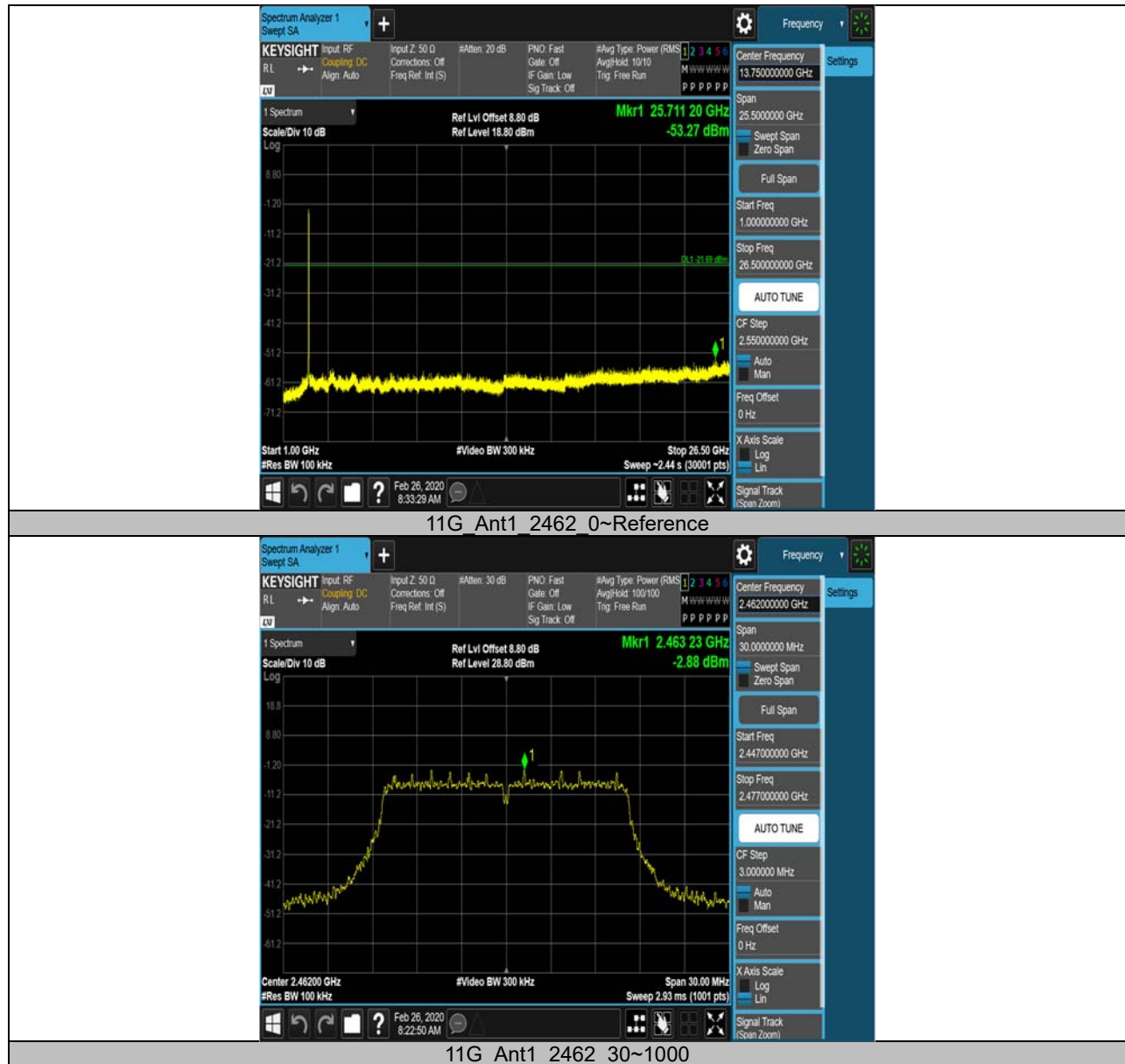


Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

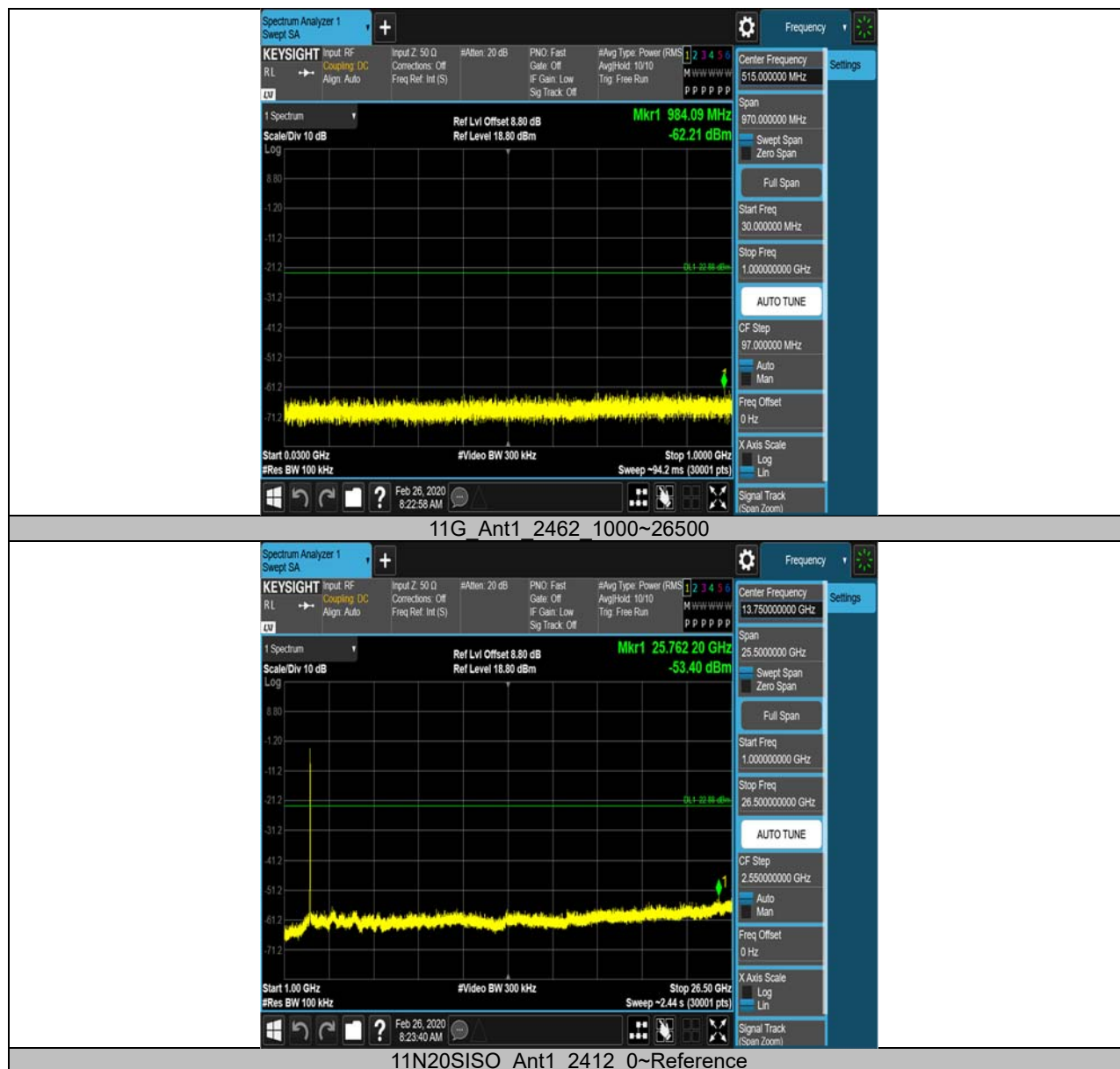


Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749



Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

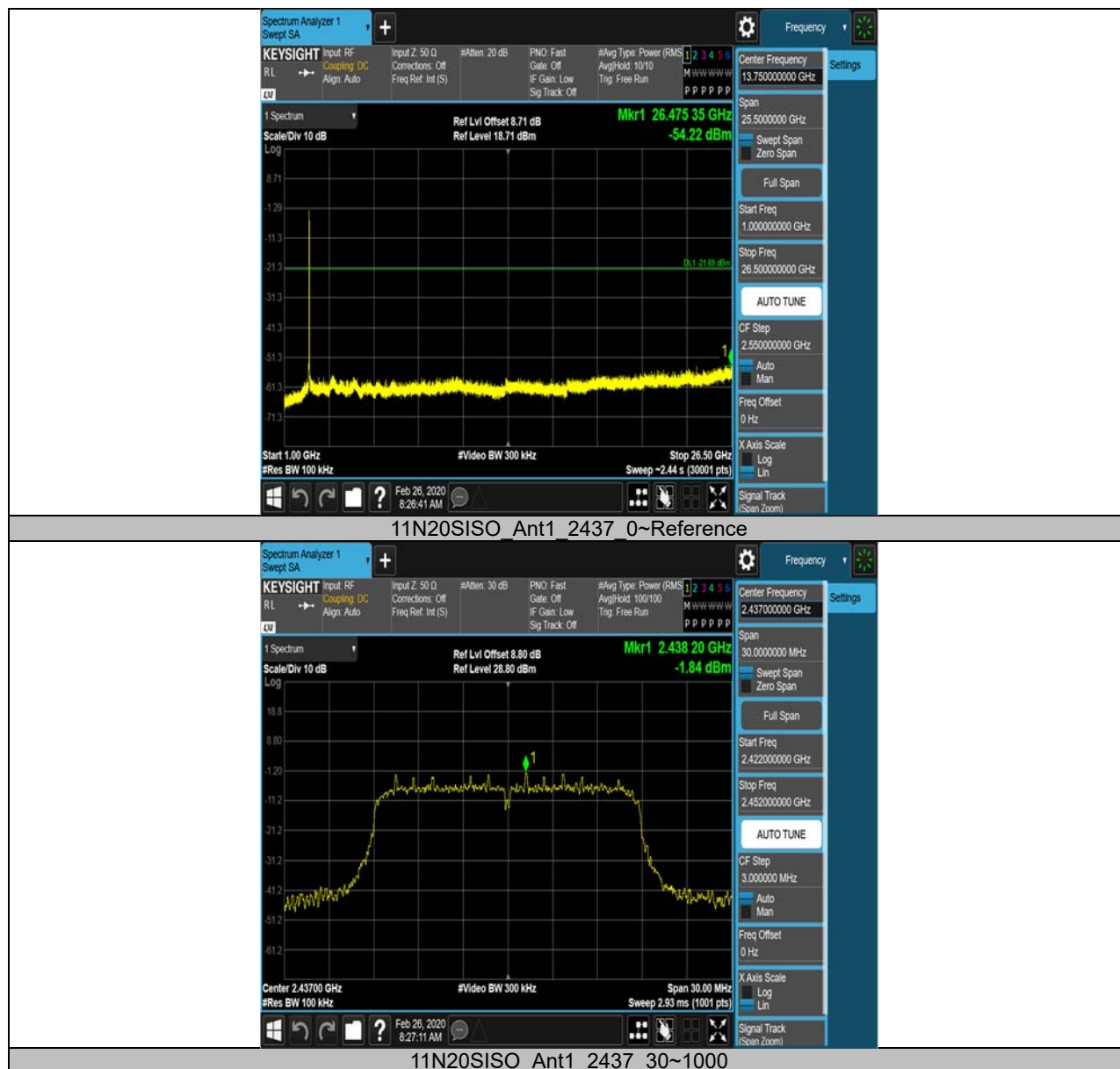
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749



Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749



Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749



Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749



Test Report No.: EFGX20110116-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

