

Appendix Test Data

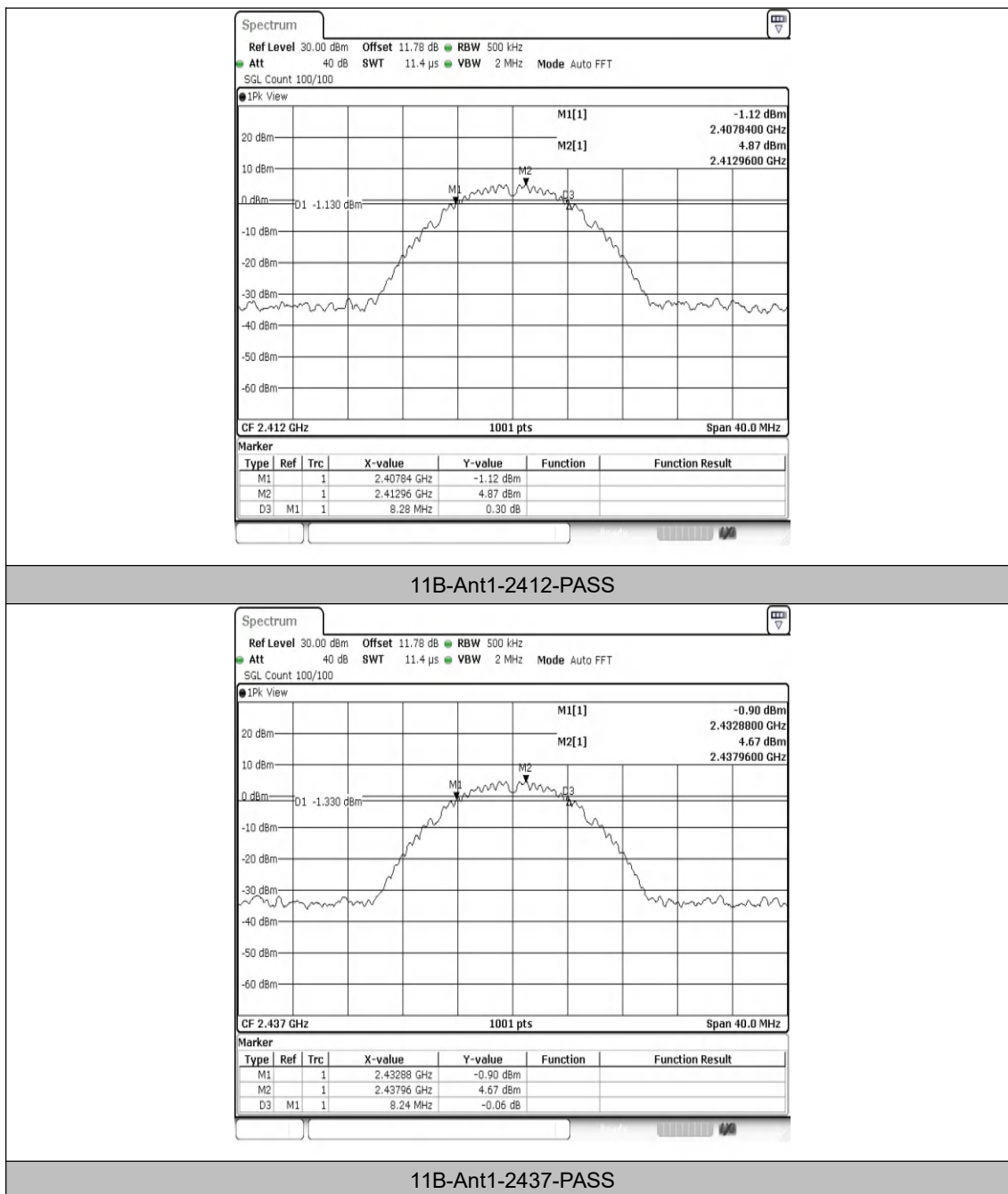
Report No.:	1821C50002812503	Test Sample No.:	1-2-2
Start Test Date:	2025.03.17	Finish Test Date:	2025.03.18
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	21.3°C	Relative Humidity:	43%
Pressure:	101kPa		
Test module:	MT6631		

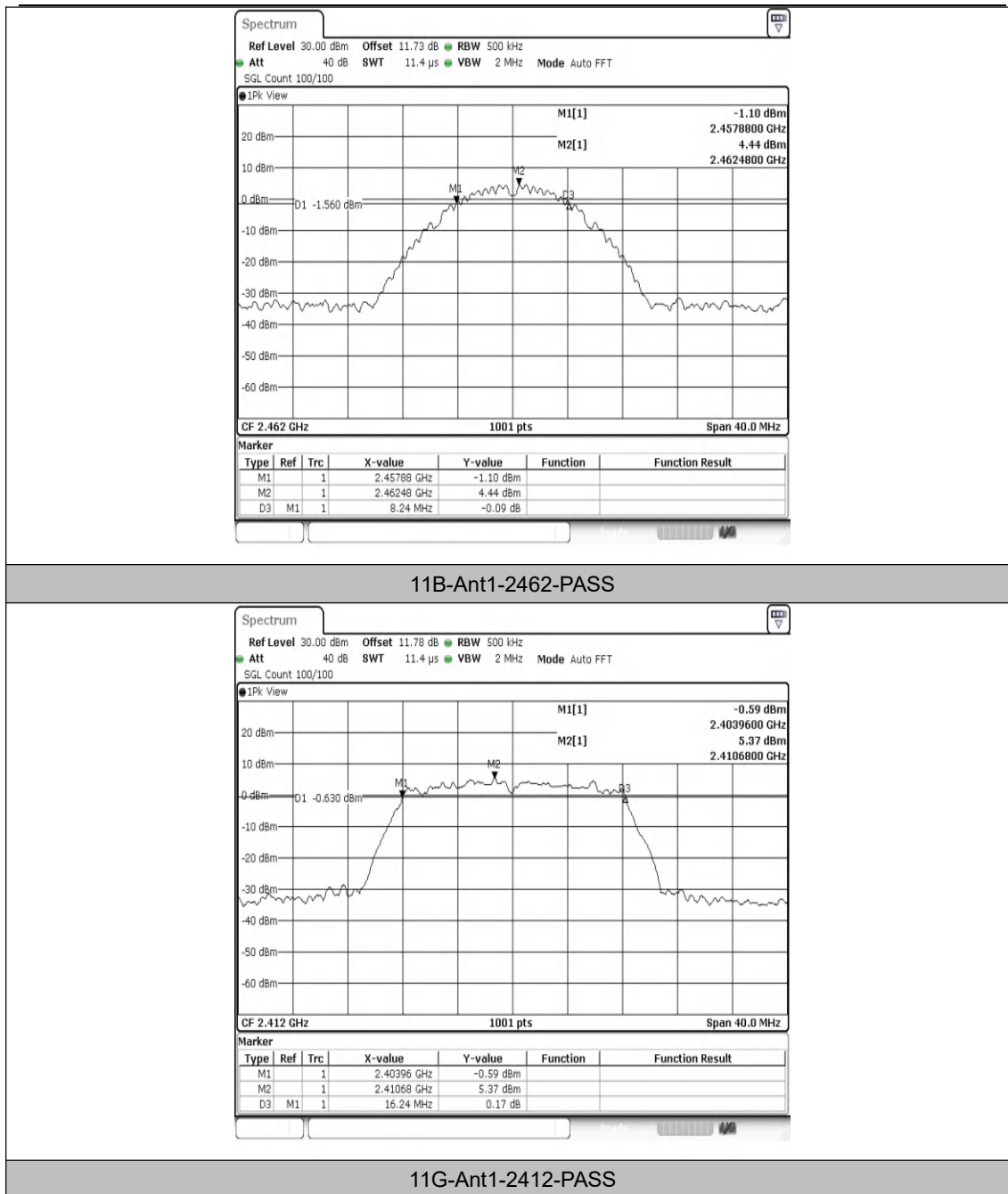
Appendix A: 6dB Bandwidth

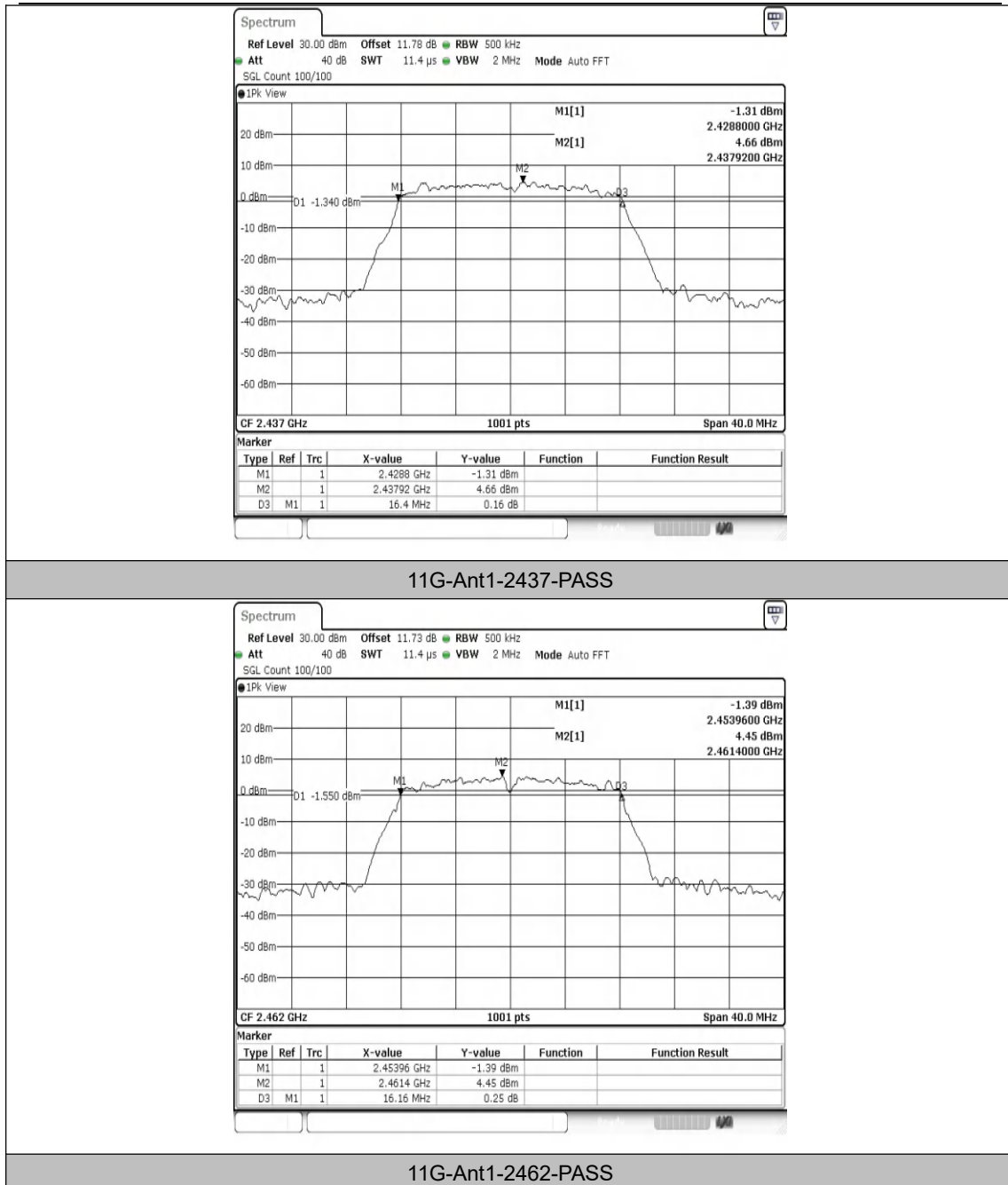
Test Result

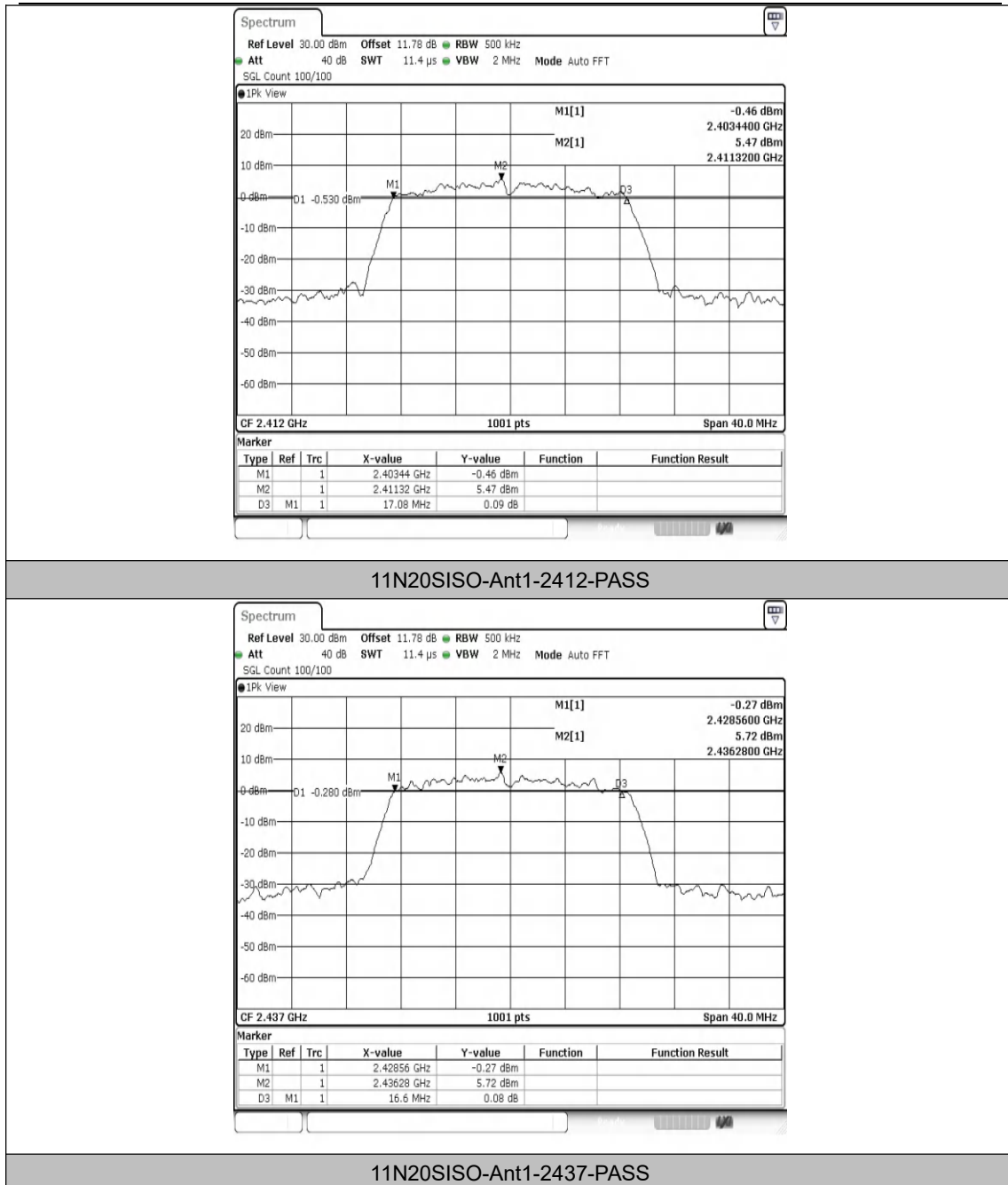
Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.28	2407.84	2416.12	0.5	PASS
11B	Ant1	2437	8.24	2432.88	2441.12	0.5	PASS
11B	Ant1	2462	8.24	2457.88	2466.12	0.5	PASS
11G	Ant1	2412	16.24	2403.96	2420.20	0.5	PASS
11G	Ant1	2437	16.40	2428.80	2445.20	0.5	PASS
11G	Ant1	2462	16.16	2453.96	2470.12	0.5	PASS
11N20SISO	Ant1	2412	17.08	2403.44	2420.52	0.5	PASS
11N20SISO	Ant1	2437	16.60	2428.56	2445.16	0.5	PASS
11N20SISO	Ant1	2462	17.28	2453.44	2470.72	0.5	PASS
11N40SISO	Ant1	2422	35.84	2404.08	2439.92	0.5	PASS
11N40SISO	Ant1	2437	35.92	2419.08	2455.00	0.5	PASS
11N40SISO	Ant1	2452	35.36	2434.16	2469.52	0.5	PASS

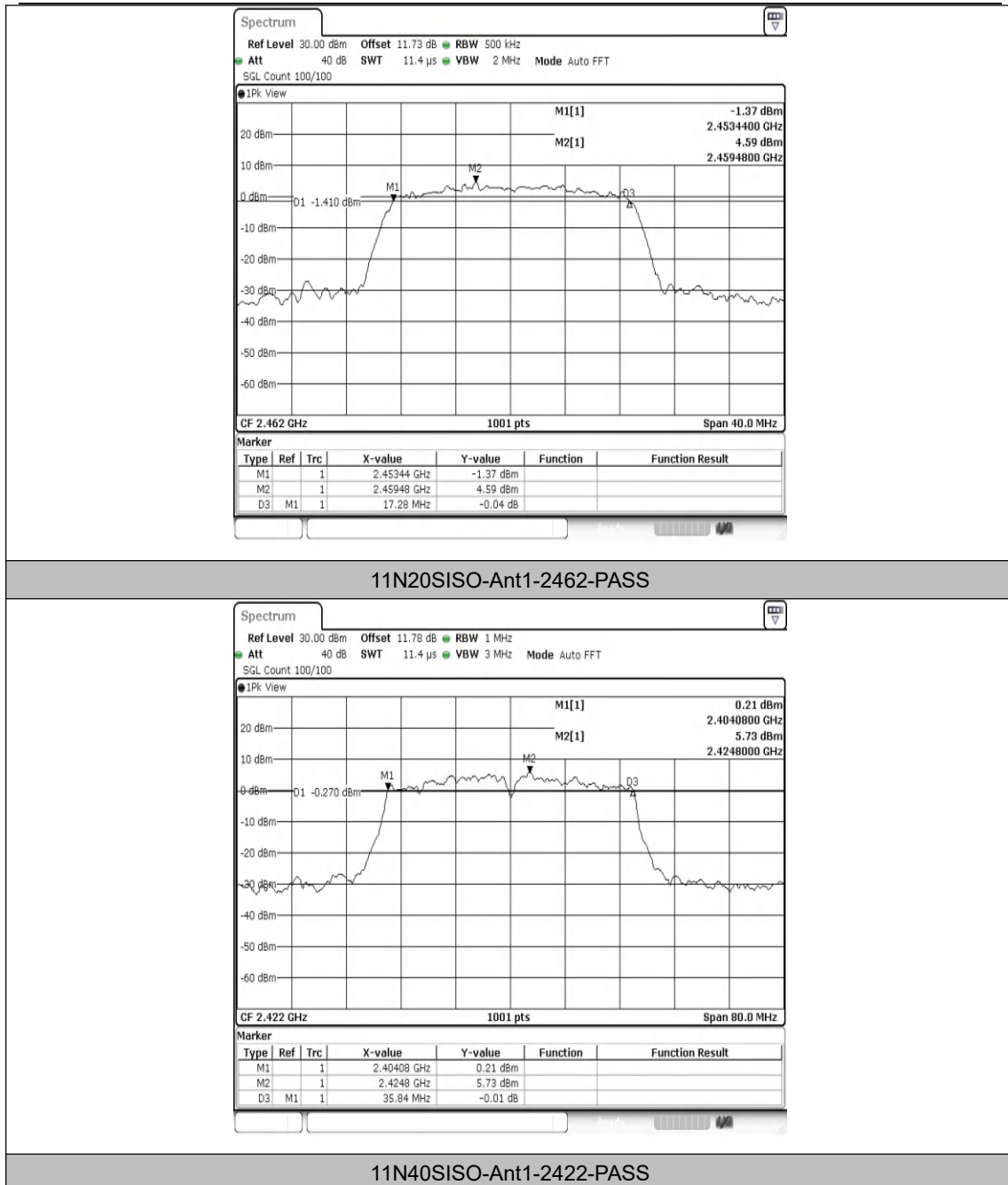
Test Graphs

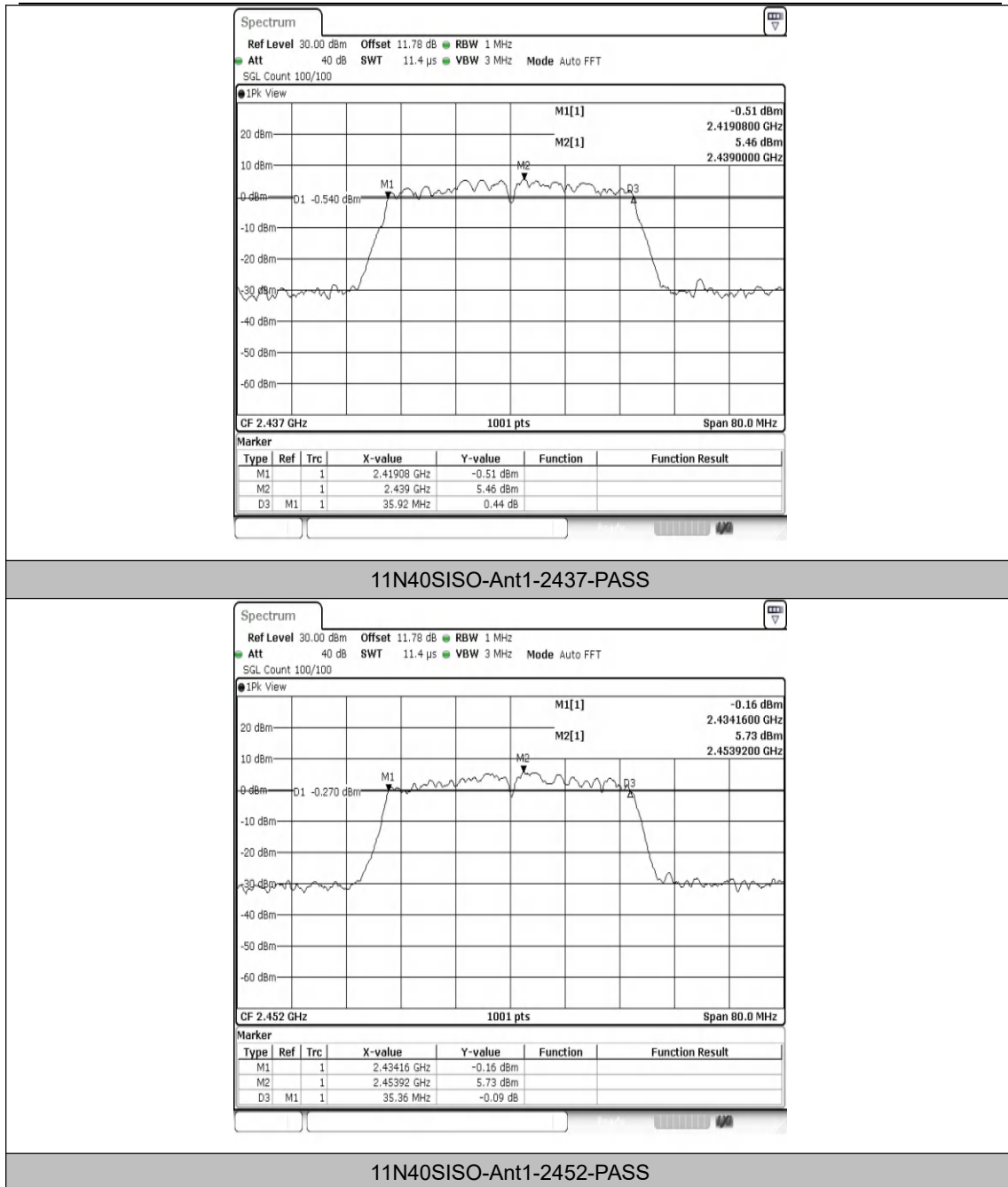










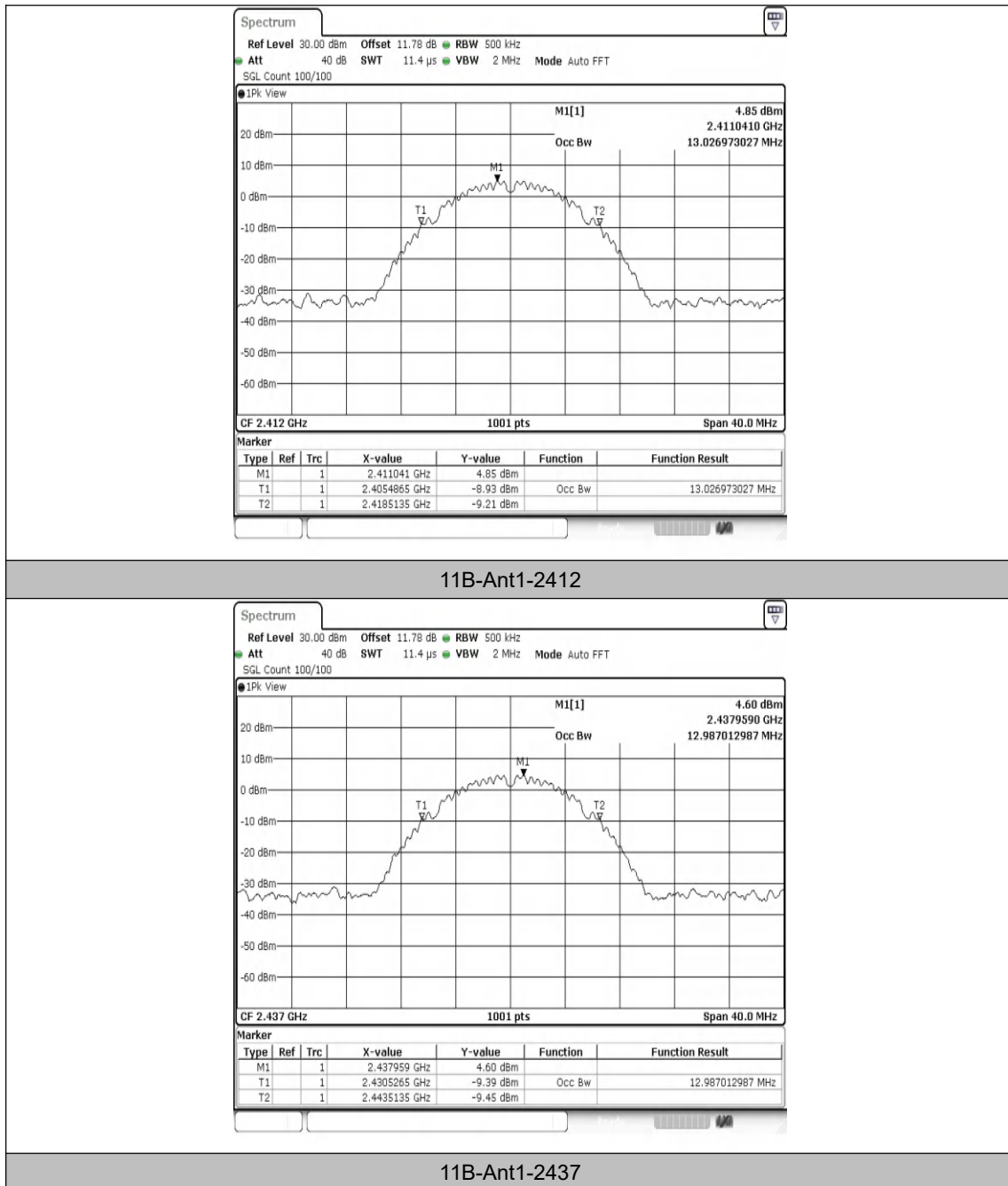


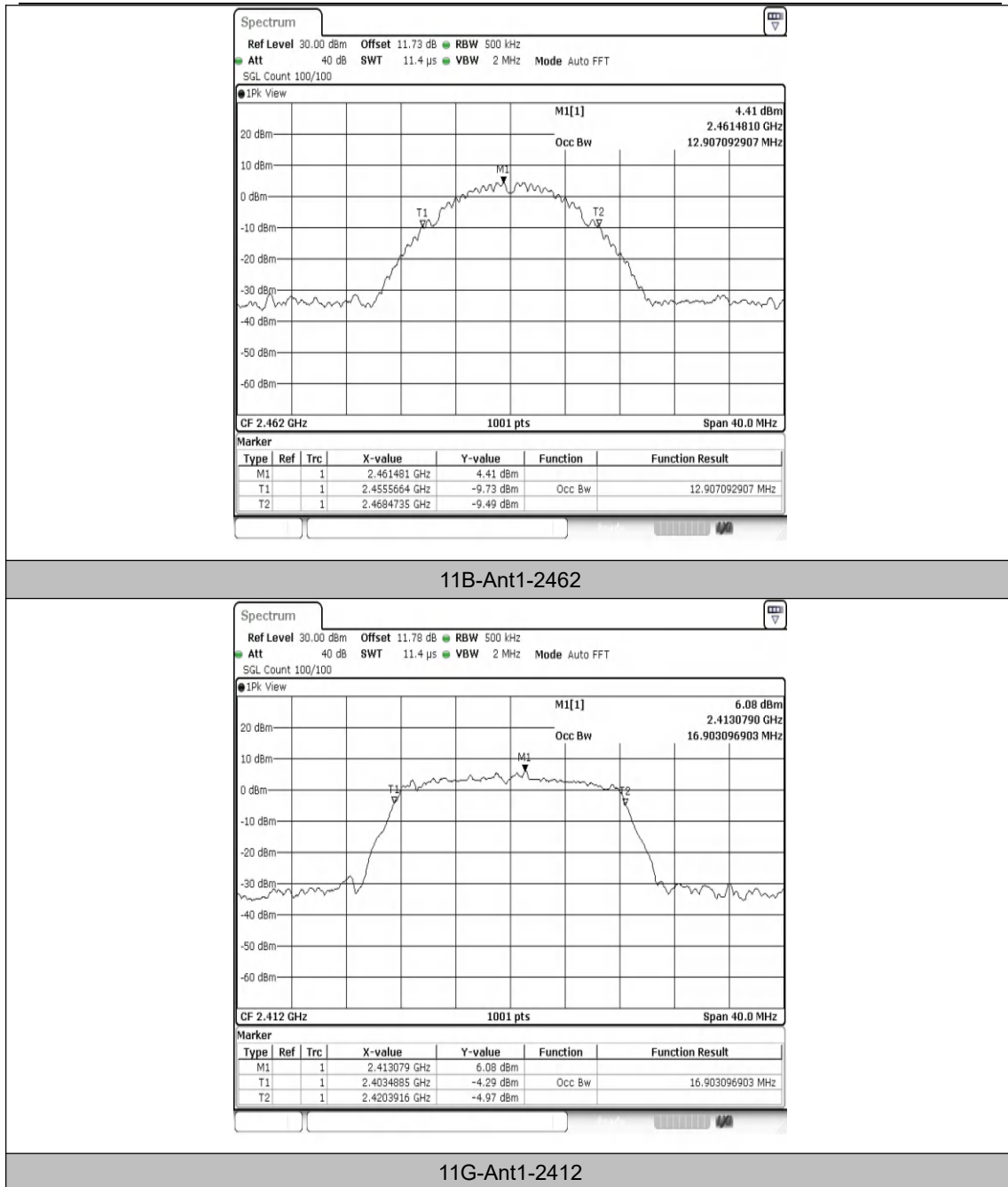
Appendix B: 99% Occupied Bandwidth

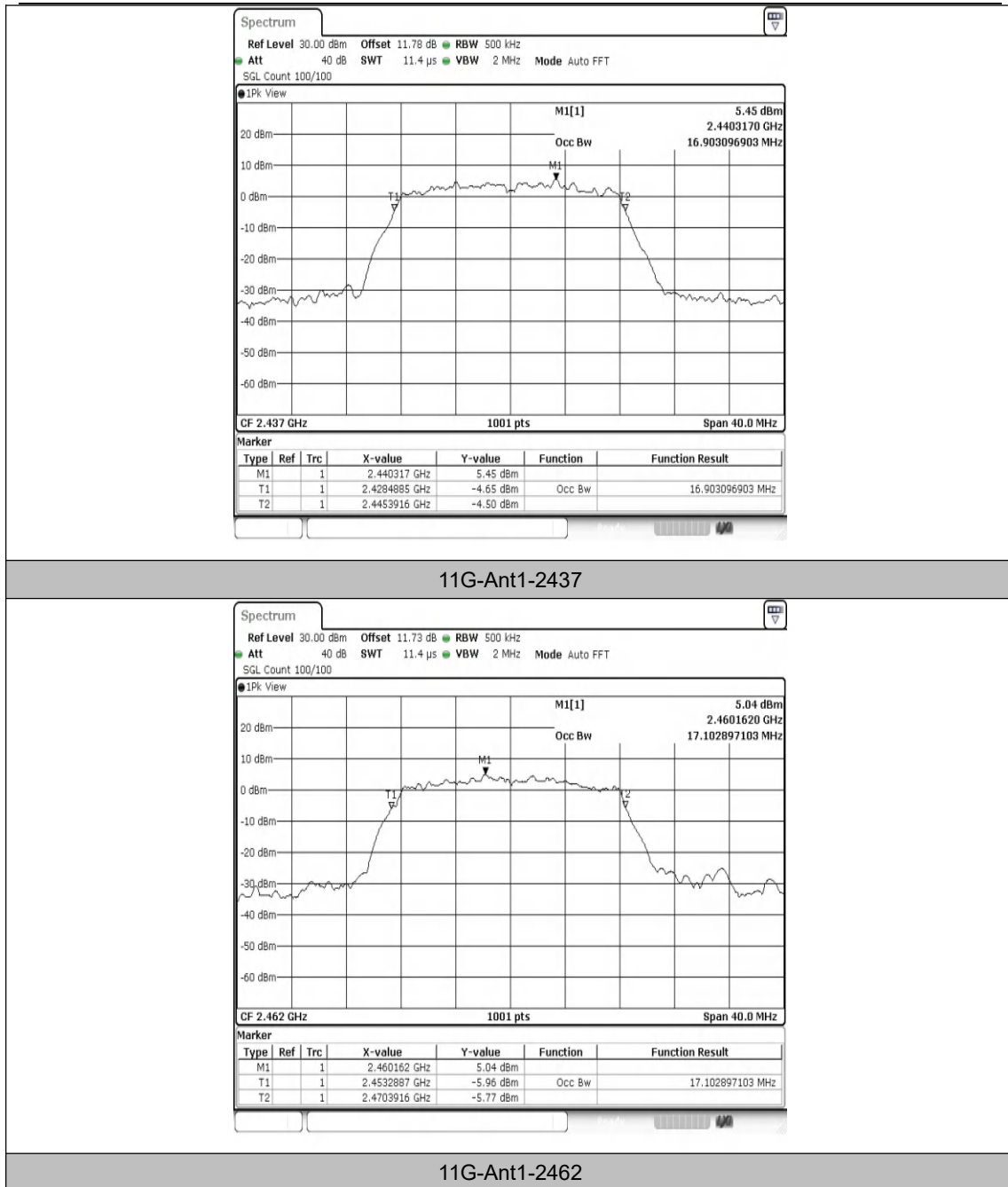
Test Result

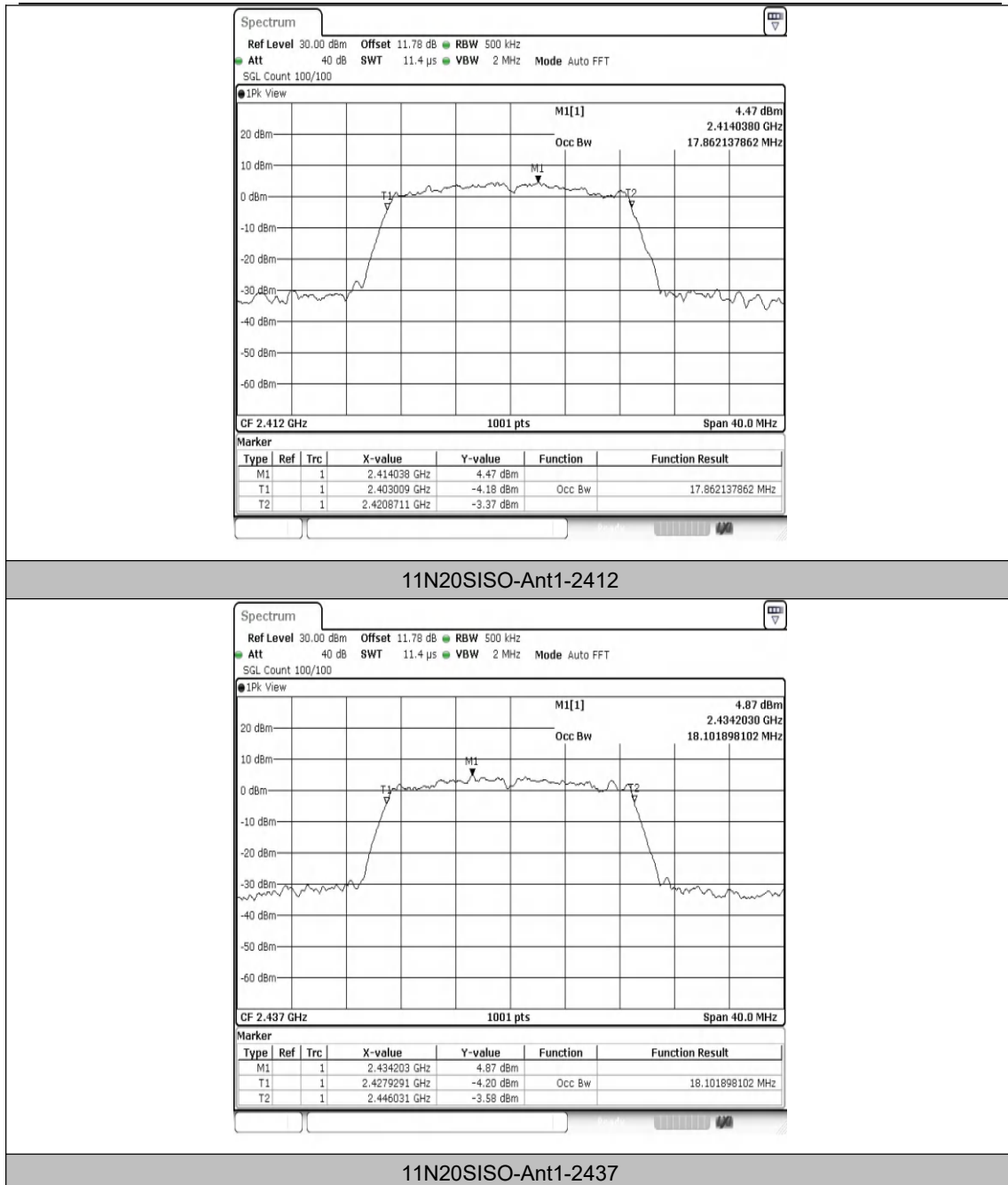
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.027	2405.4865	2418.5135	---	---
11B	Ant1	2437	12.987	2430.5265	2443.5135	---	---
11B	Ant1	2462	12.907	2455.5664	2468.4735	---	---
11G	Ant1	2412	16.903	2403.4885	2420.3916	---	---
11G	Ant1	2437	16.903	2428.4885	2445.3916	---	---
11G	Ant1	2462	17.103	2453.2887	2470.3916	---	---
11N20SISO	Ant1	2412	17.862	2403.0090	2420.8711	---	---
11N20SISO	Ant1	2437	18.102	2427.9291	2446.0310	---	---
11N20SISO	Ant1	2462	17.702	2453.1688	2470.8711	---	---
11N40SISO	Ant1	2422	36.364	2403.8581	2440.2218	---	---
11N40SISO	Ant1	2437	36.364	2418.8581	2455.2218	---	---
11N40SISO	Ant1	2452	36.204	2433.9381	2470.1419	---	---

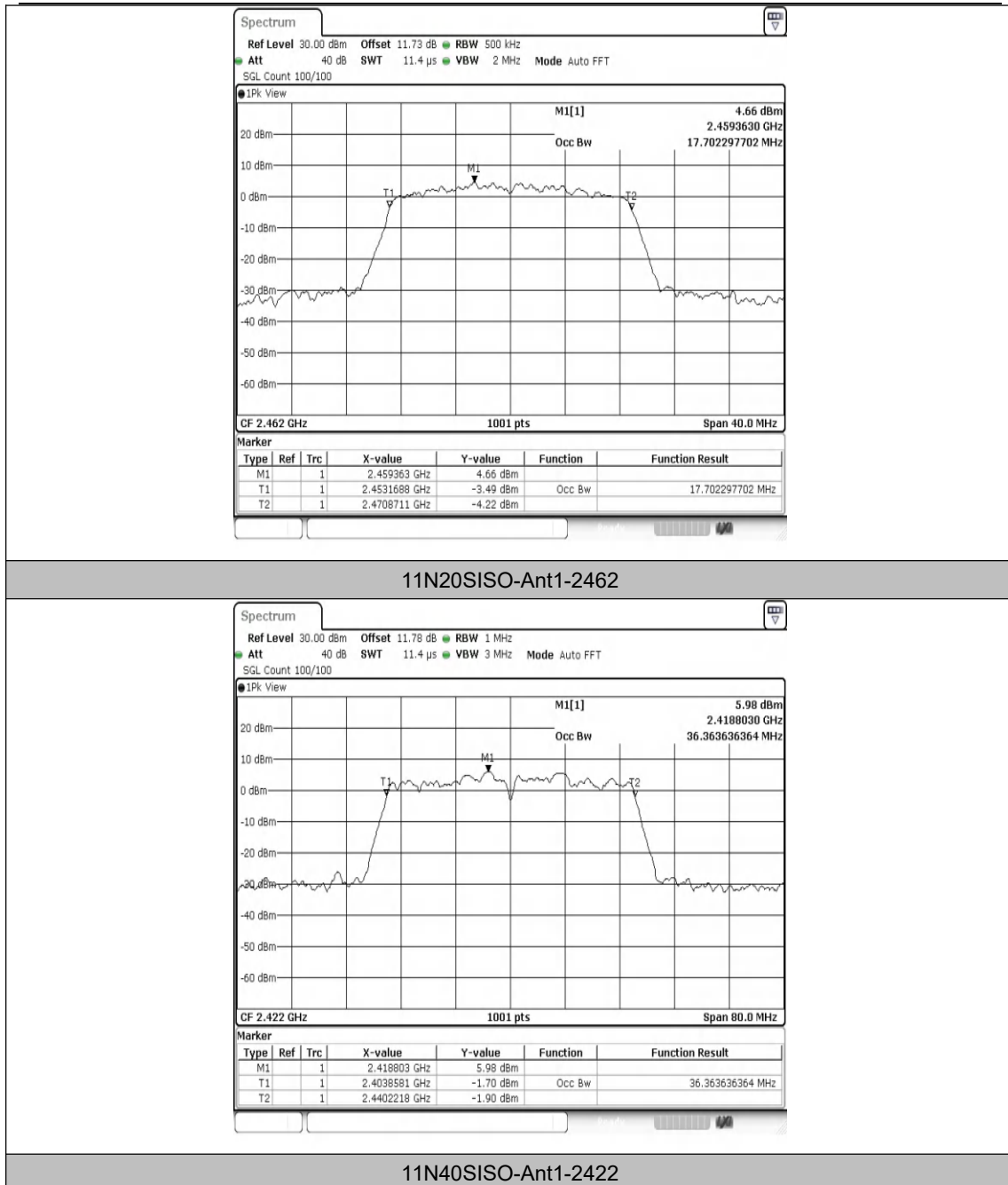
Test Graphs

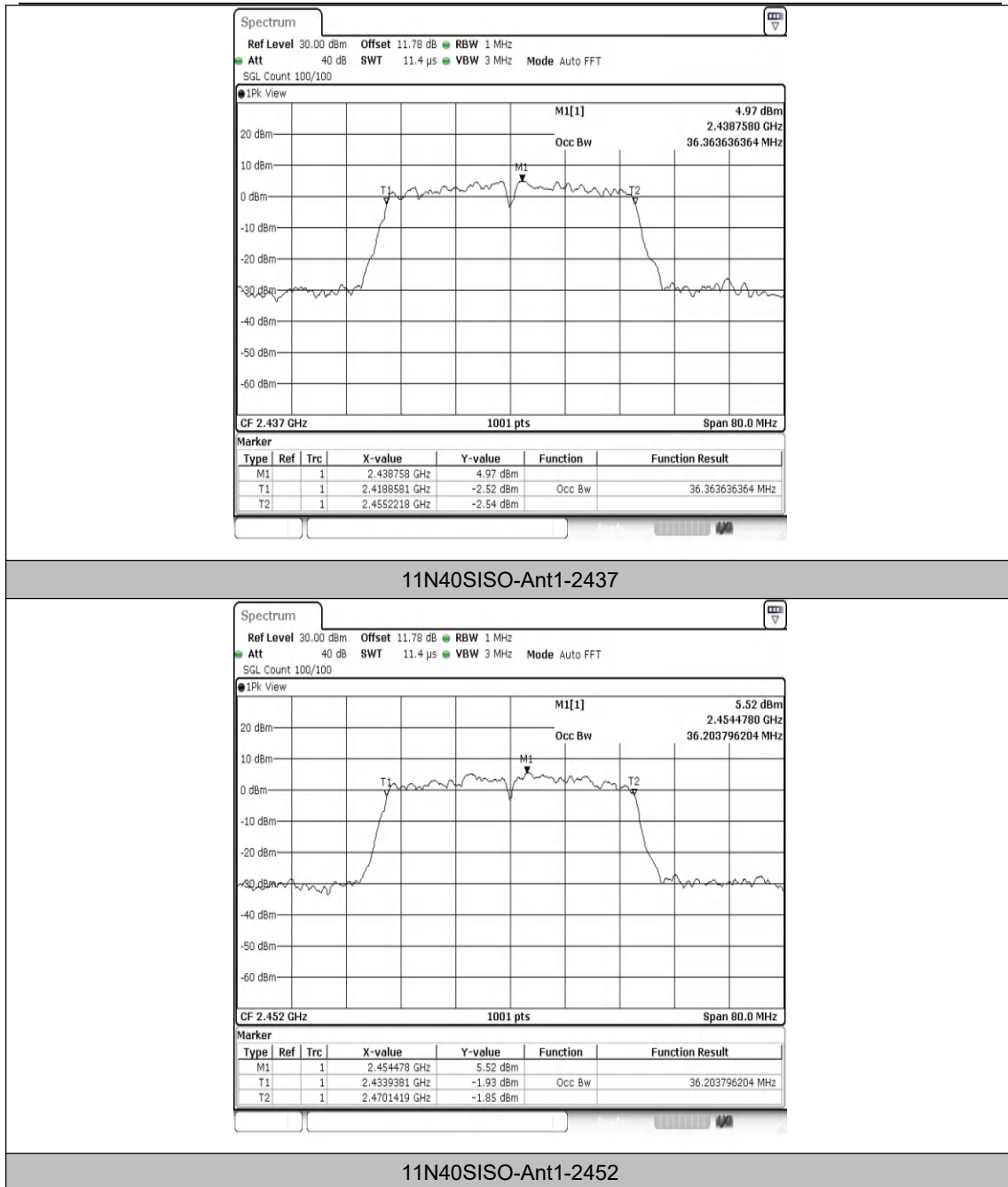












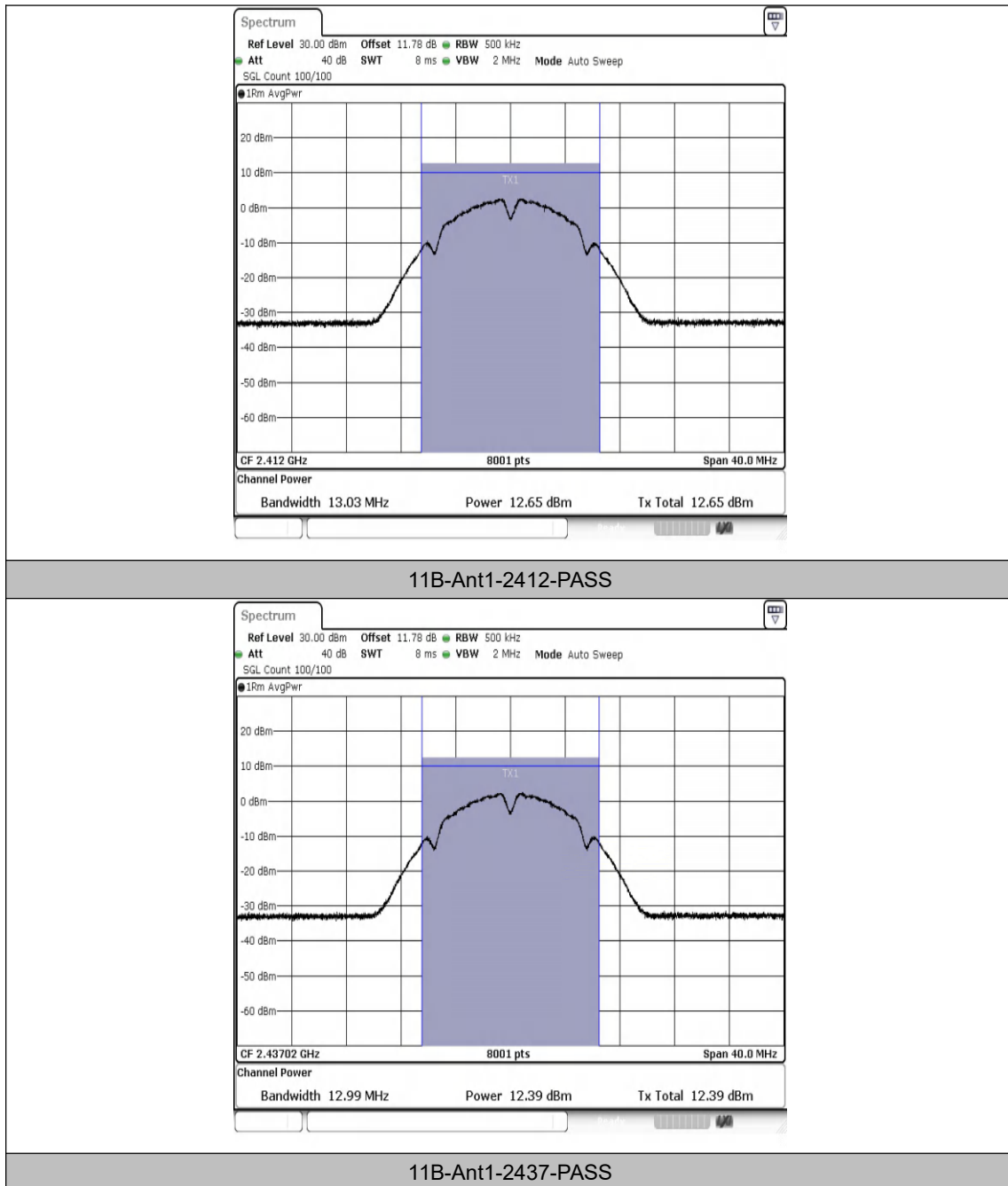
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	12.65	100.00	0.00	12.65	≤30.00	PASS
11B	Ant1	2437	NA	12.39	100.00	0.00	12.39	≤30.00	PASS
11B	Ant1	2462	NA	12.21	100.00	0.00	12.21	≤30.00	PASS
11G	Ant1	2412	NA	12.46	100.00	0.00	12.46	≤30.00	PASS
11G	Ant1	2437	NA	12.19	100.00	0.00	12.19	≤30.00	PASS
11G	Ant1	2462	NA	11.97	100.00	0.00	11.97	≤30.00	PASS
11N20SISO	Ant1	2412	NA	12.35	100.00	0.00	12.35	≤30.00	PASS
11N20SISO	Ant1	2437	NA	12.02	100.00	0.00	12.02	≤30.00	PASS
11N20SISO	Ant1	2462	NA	11.89	100.00	0.00	11.89	≤30.00	PASS
11N40SISO	Ant1	2422	NA	12.30	100.00	0.00	12.30	≤30.00	PASS
11N40SISO	Ant1	2437	NA	12.02	100.00	0.00	12.02	≤30.00	PASS
11N40SISO	Ant1	2452	NA	12.03	100.00	0.00	12.03	≤30.00	PASS

Note: 1. The cable loss are compensated in the graph

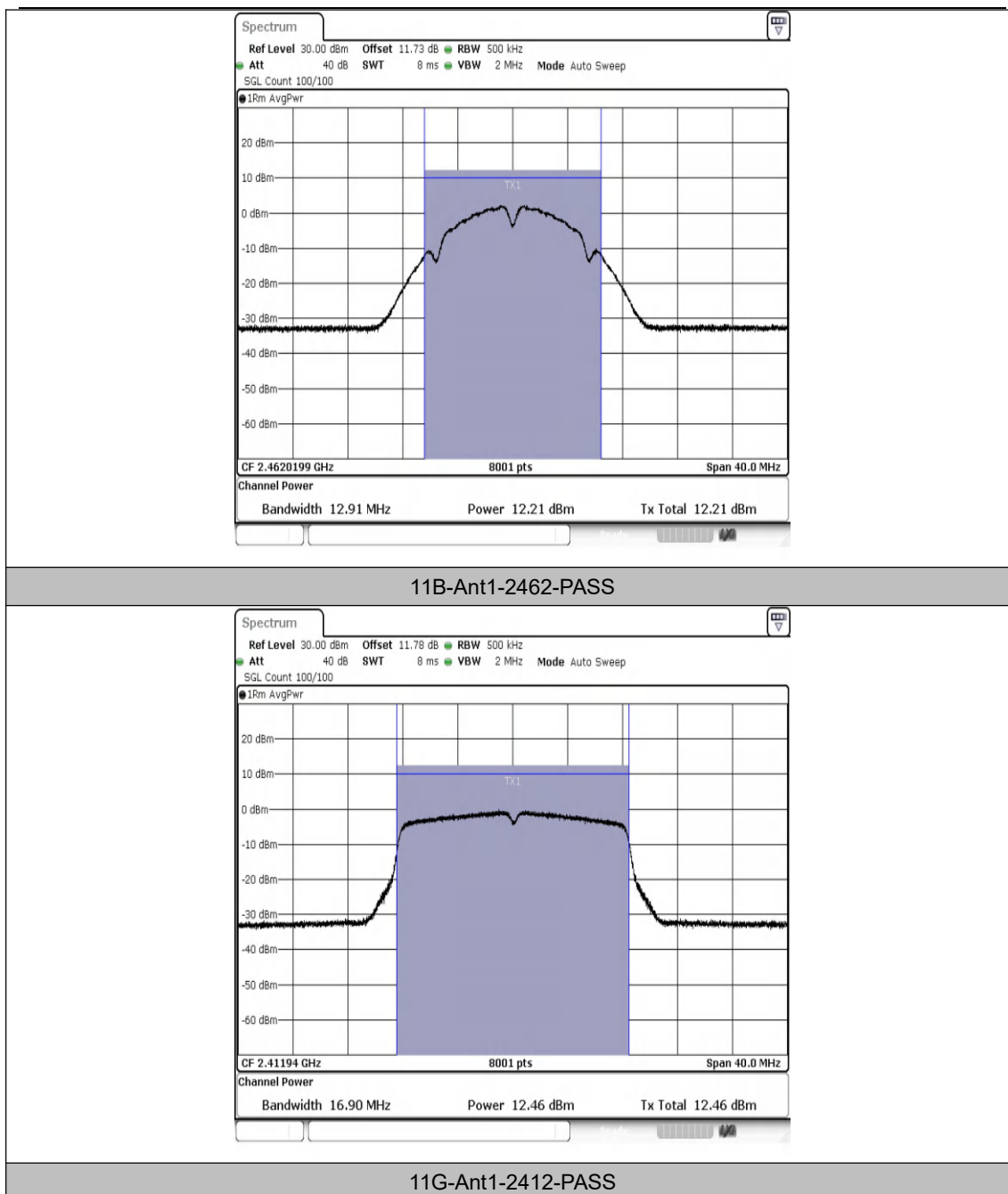
Test Graphs Average



Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotek.com

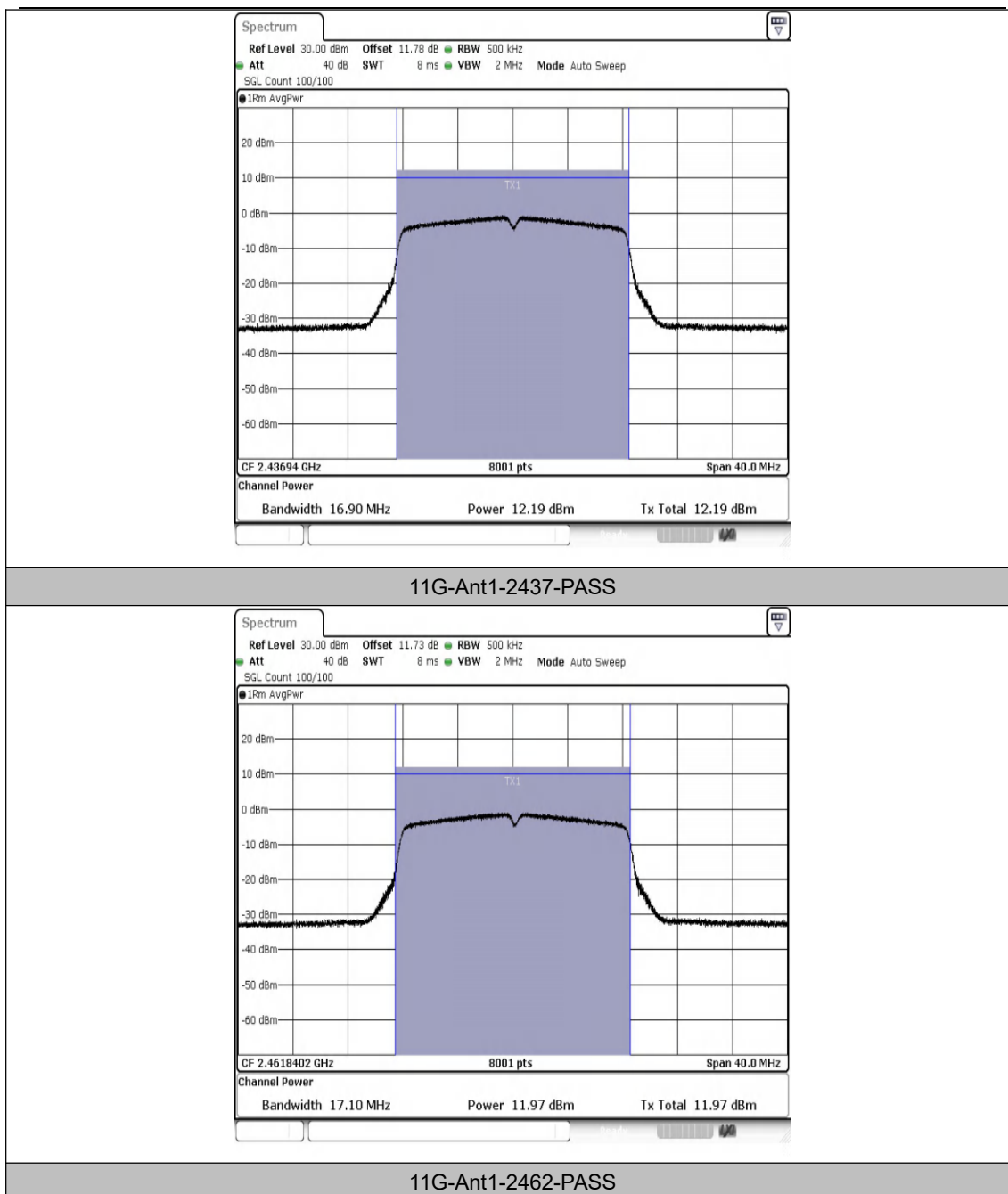
Hotline
400-003-0500
www.anbotek.com



Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotech.com

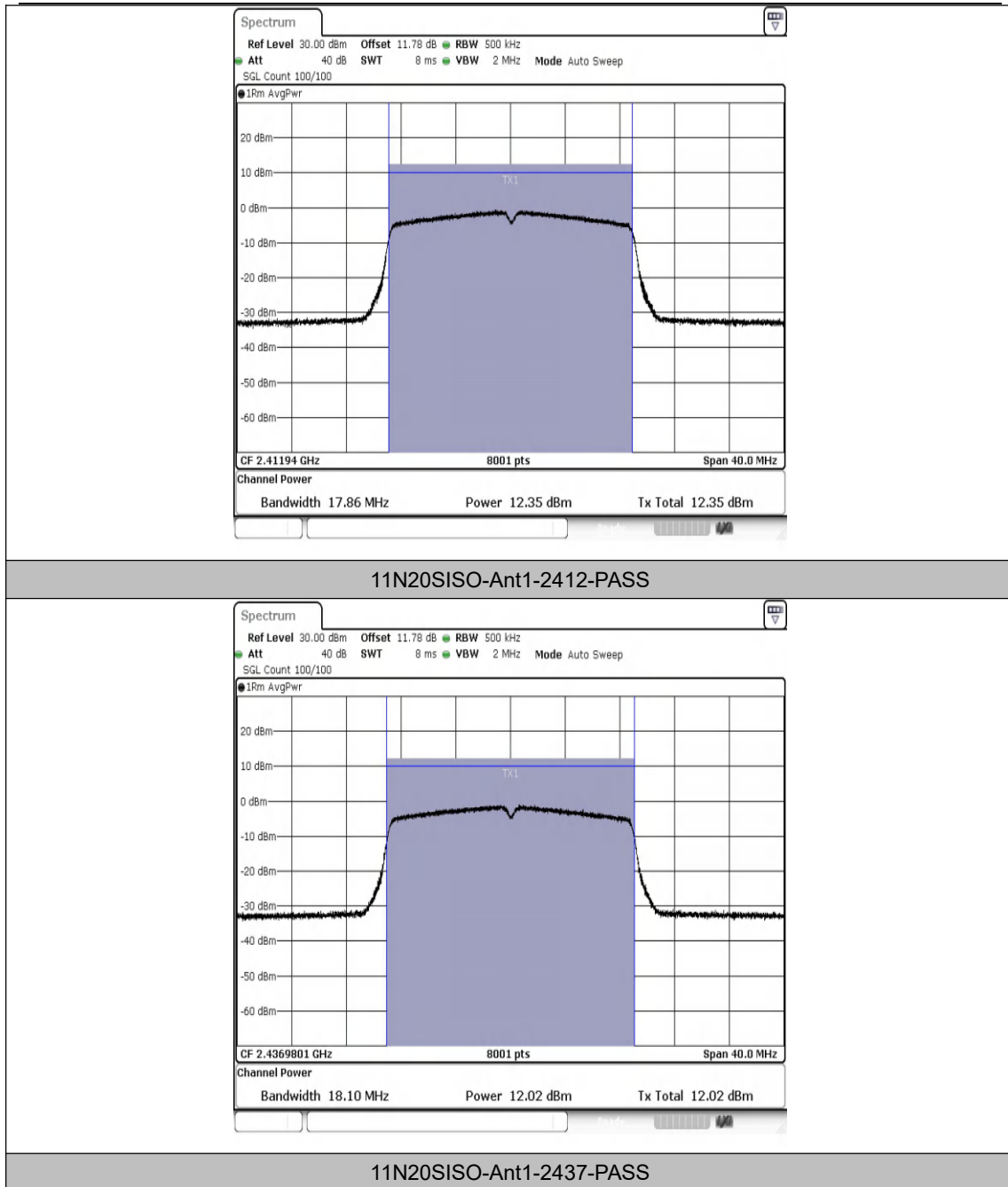
Hotline
400-003-0500
www.anbotech.com



Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com

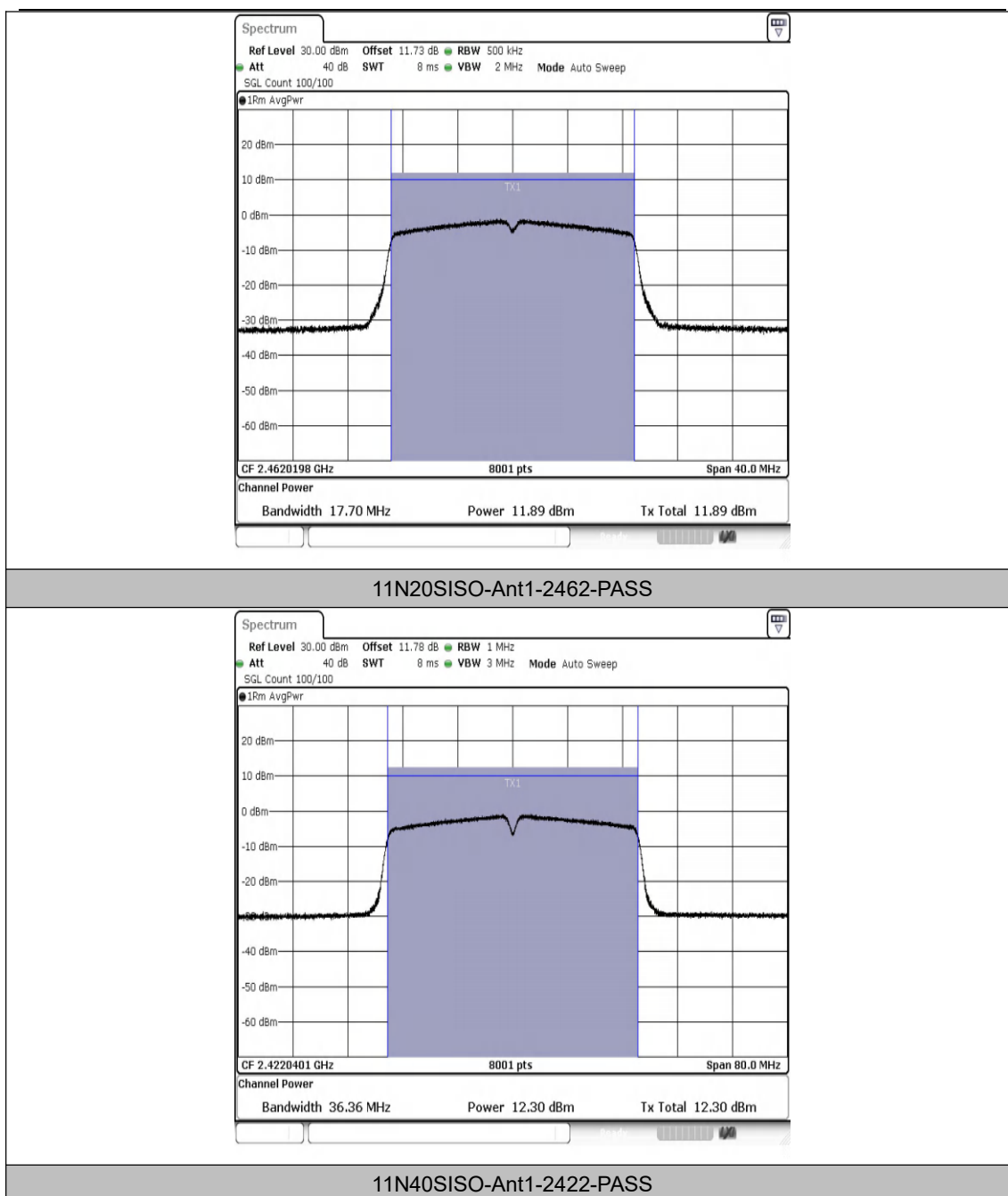
Hotline
400-003-0500
www.anbotek.com

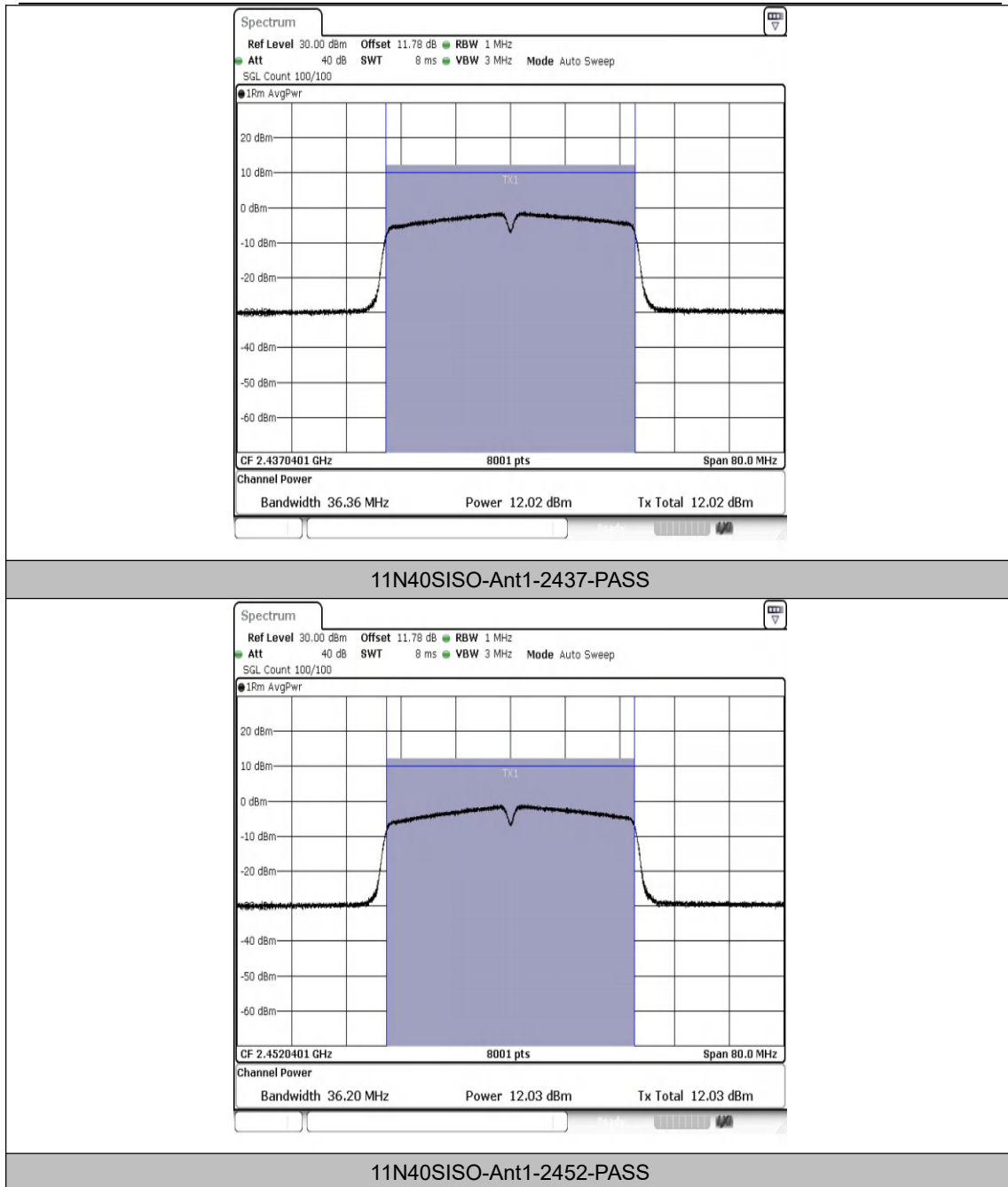


Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
 Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
 Tel:(86)0755-26066440 Email:service@anbotech.com

Hotline
 400-003-0500
www.anbotech.com





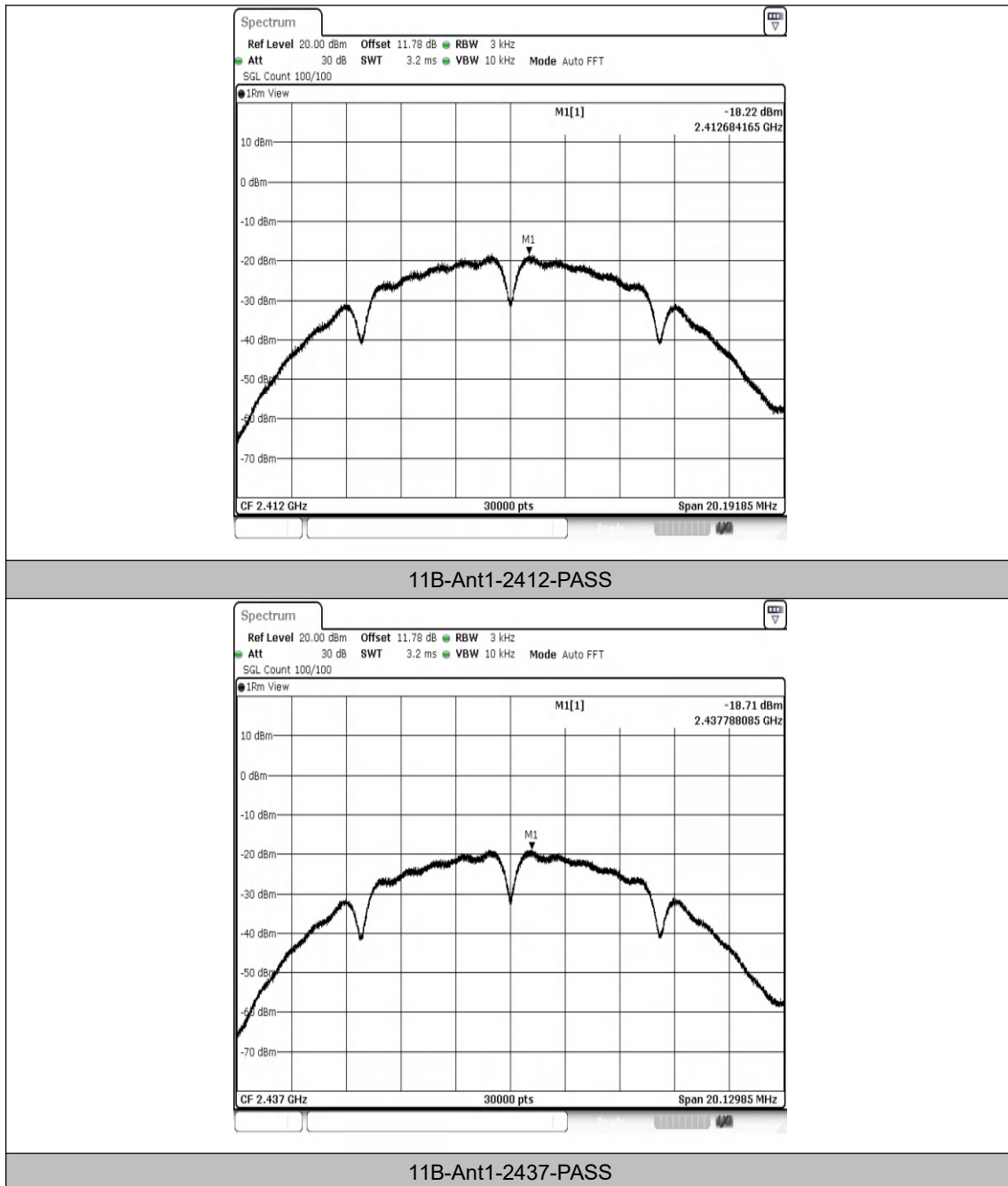
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Reading Result [dBm/3kHz]	DC Factor [dB]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-18.22	0.00	-18.22	≤8.00	PASS
11B	Ant1	2437	-18.71	0.00	-18.71	≤8.00	PASS
11B	Ant1	2462	-18.67	0.00	-18.67	≤8.00	PASS
11G	Ant1	2412	-20.84	0.00	-20.84	≤8.00	PASS
11G	Ant1	2437	-20.83	0.00	-20.83	≤8.00	PASS
11G	Ant1	2462	-21.42	0.00	-21.42	≤8.00	PASS
11N20SISO	Ant1	2412	-21.21	0.00	-21.21	≤8.00	PASS
11N20SISO	Ant1	2437	-21.58	0.00	-21.58	≤8.00	PASS
11N20SISO	Ant1	2462	-21.56	0.00	-21.56	≤8.00	PASS
11N40SISO	Ant1	2422	-24.5	0.00	-24.50	≤8.00	PASS
11N40SISO	Ant1	2437	-24.44	0.00	-24.44	≤8.00	PASS
11N40SISO	Ant1	2452	-24.5	0.00	-24.50	≤8.00	PASS

Note: 1. The cable loss are compensated in the graph.

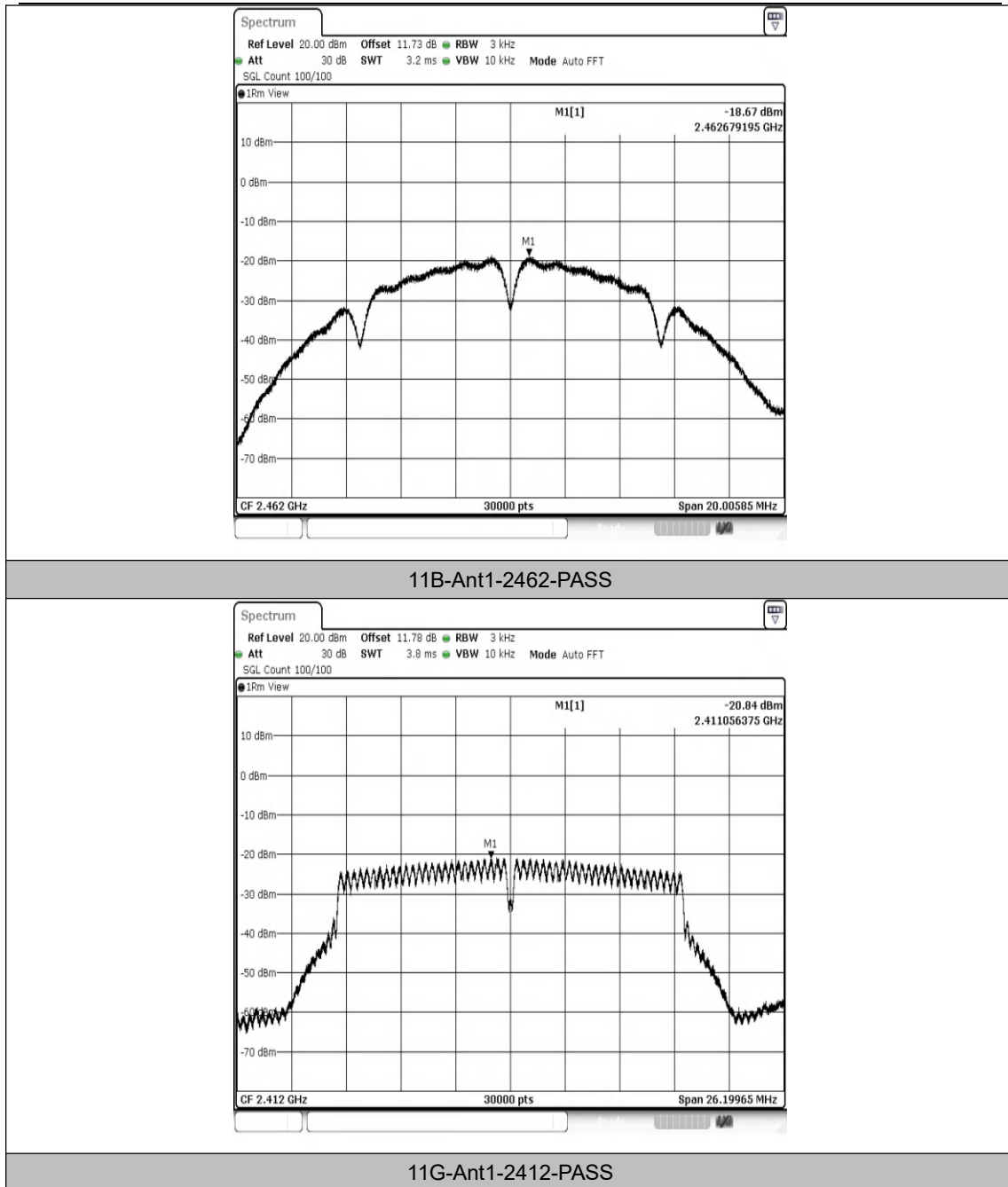
Test Graphs

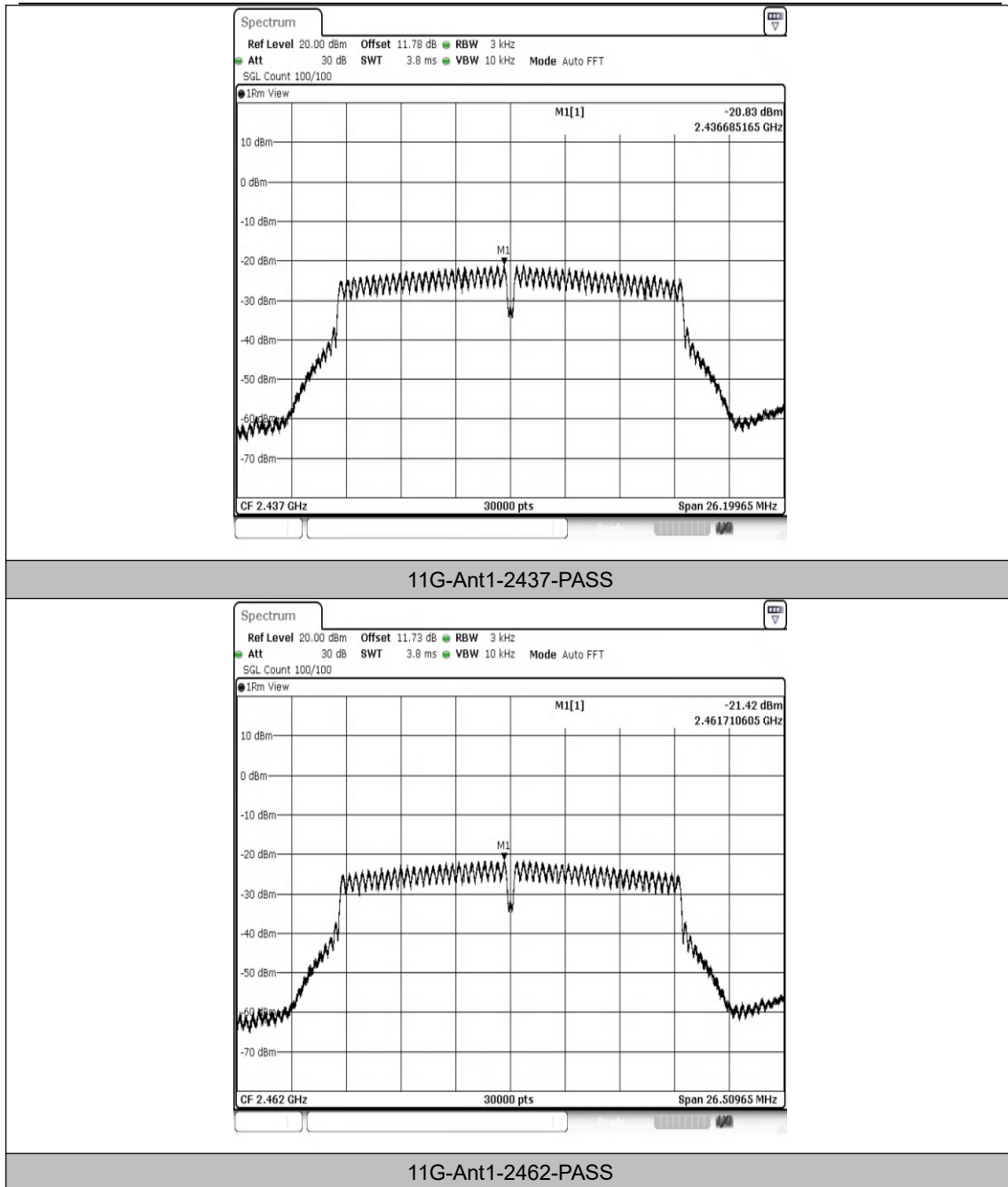


Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com

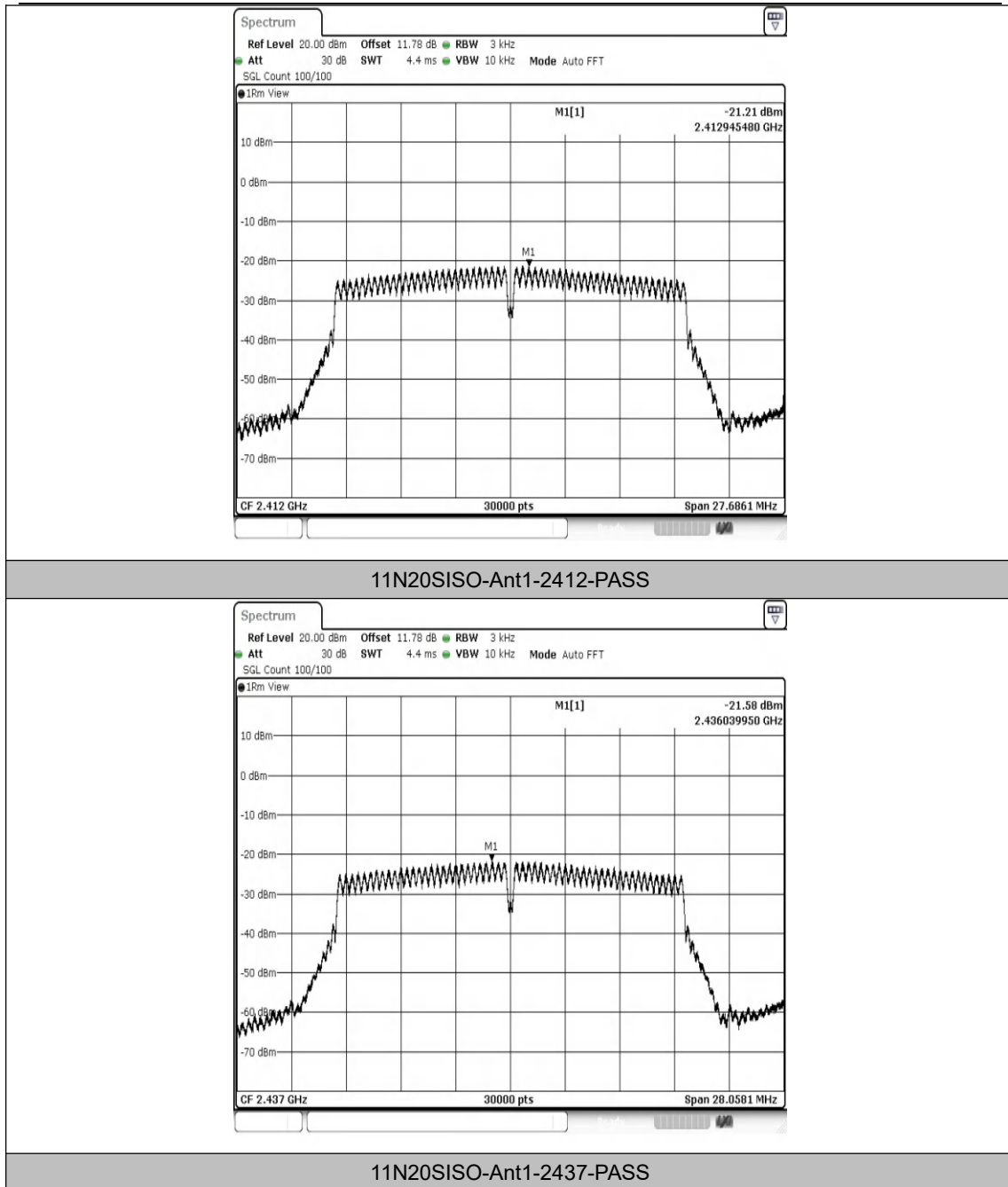




Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotek.com

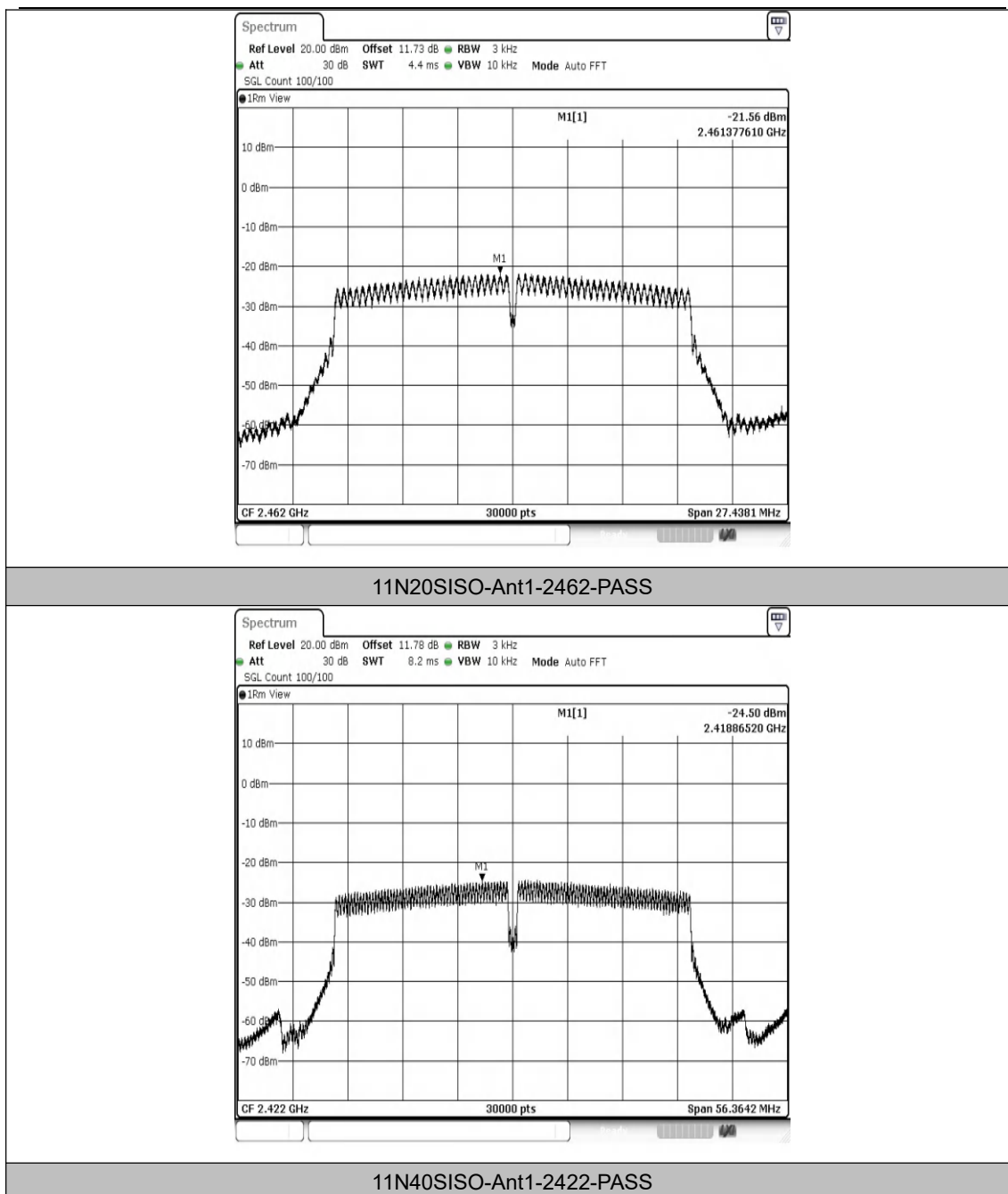
Hotline
400-003-0500
www.anbotek.com



Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotek.com

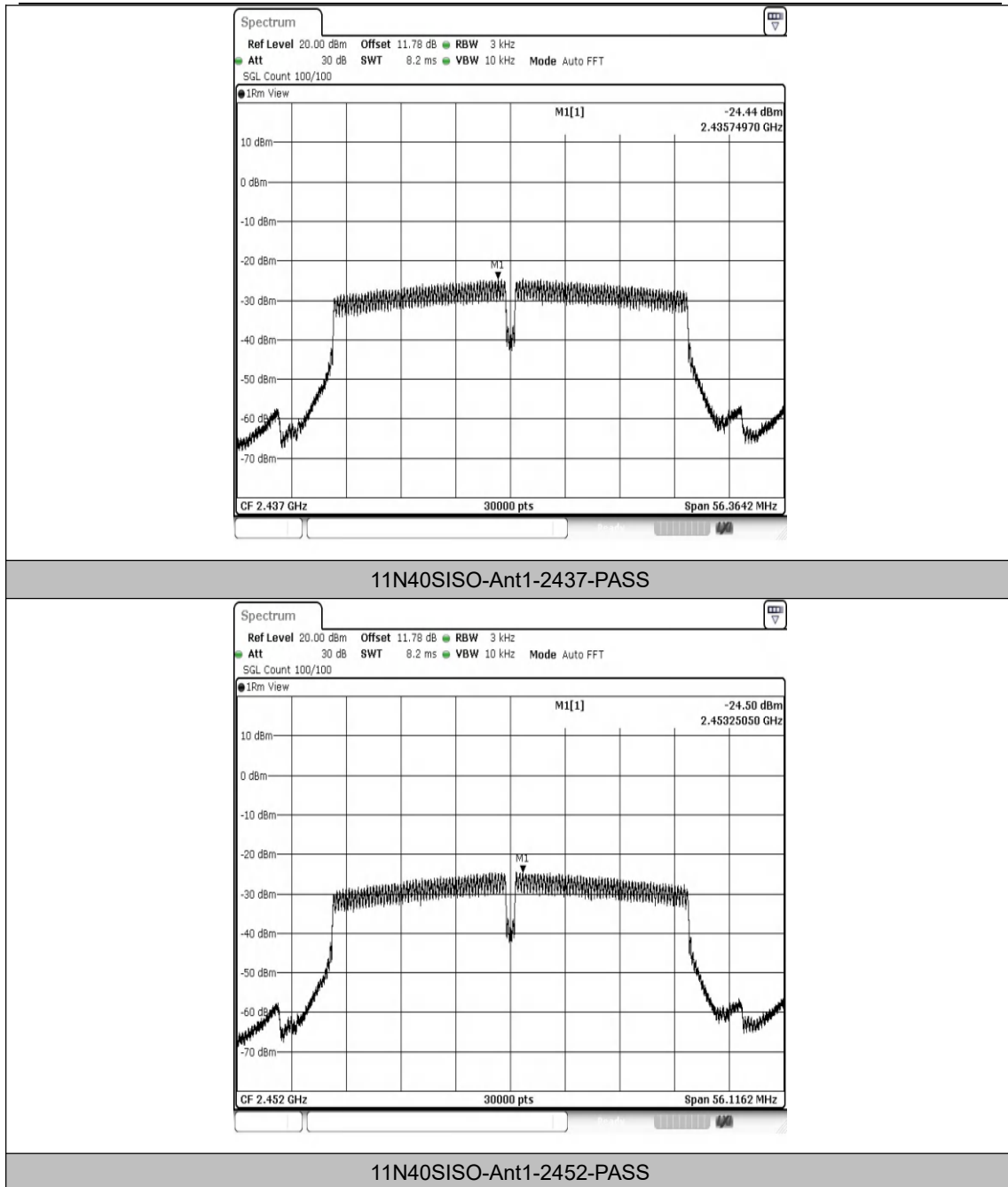
Hotline
400-003-0500
www.anbotek.com



Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com



Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com

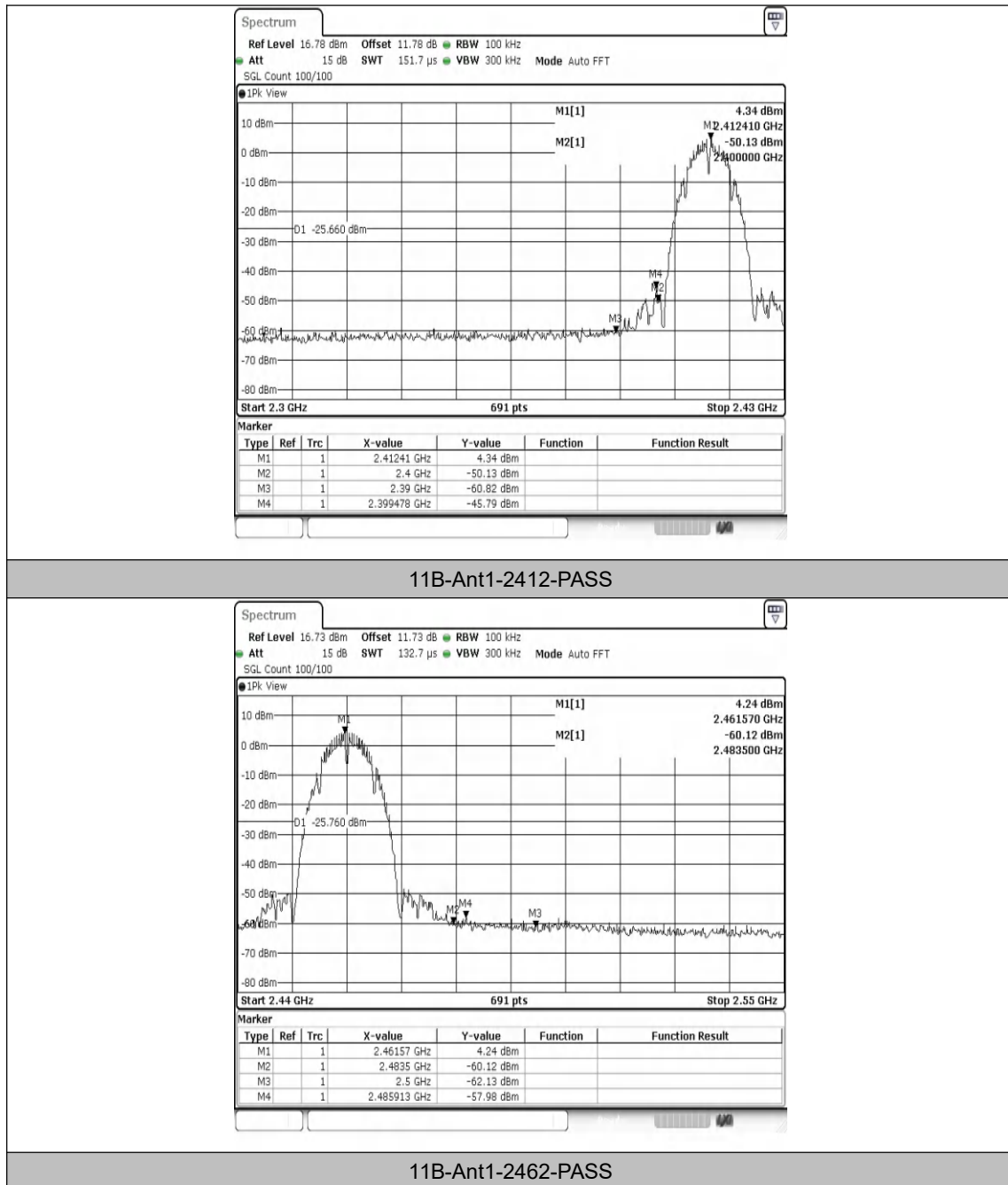
Appendix E: Conducted Band edge

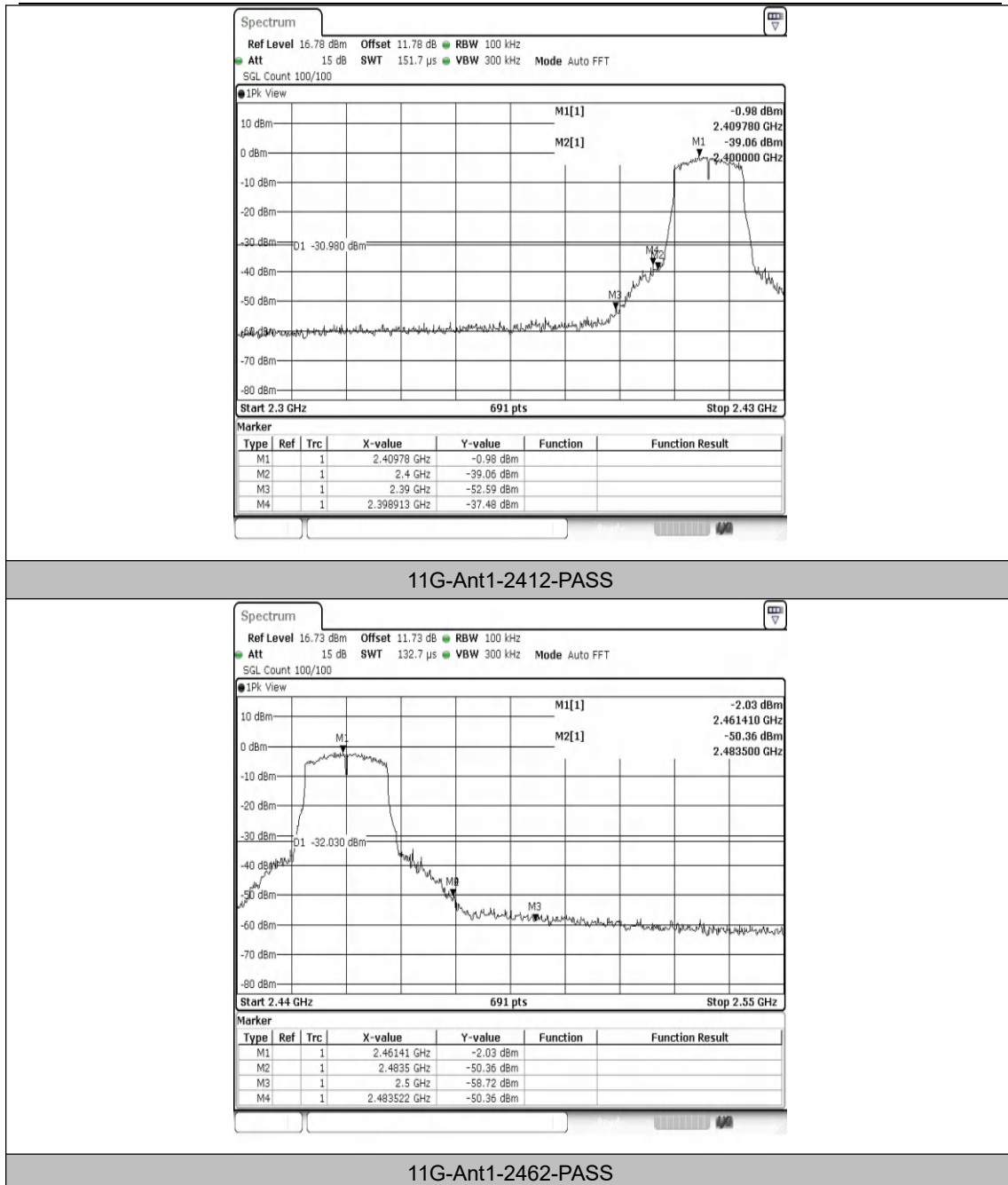
Test Result

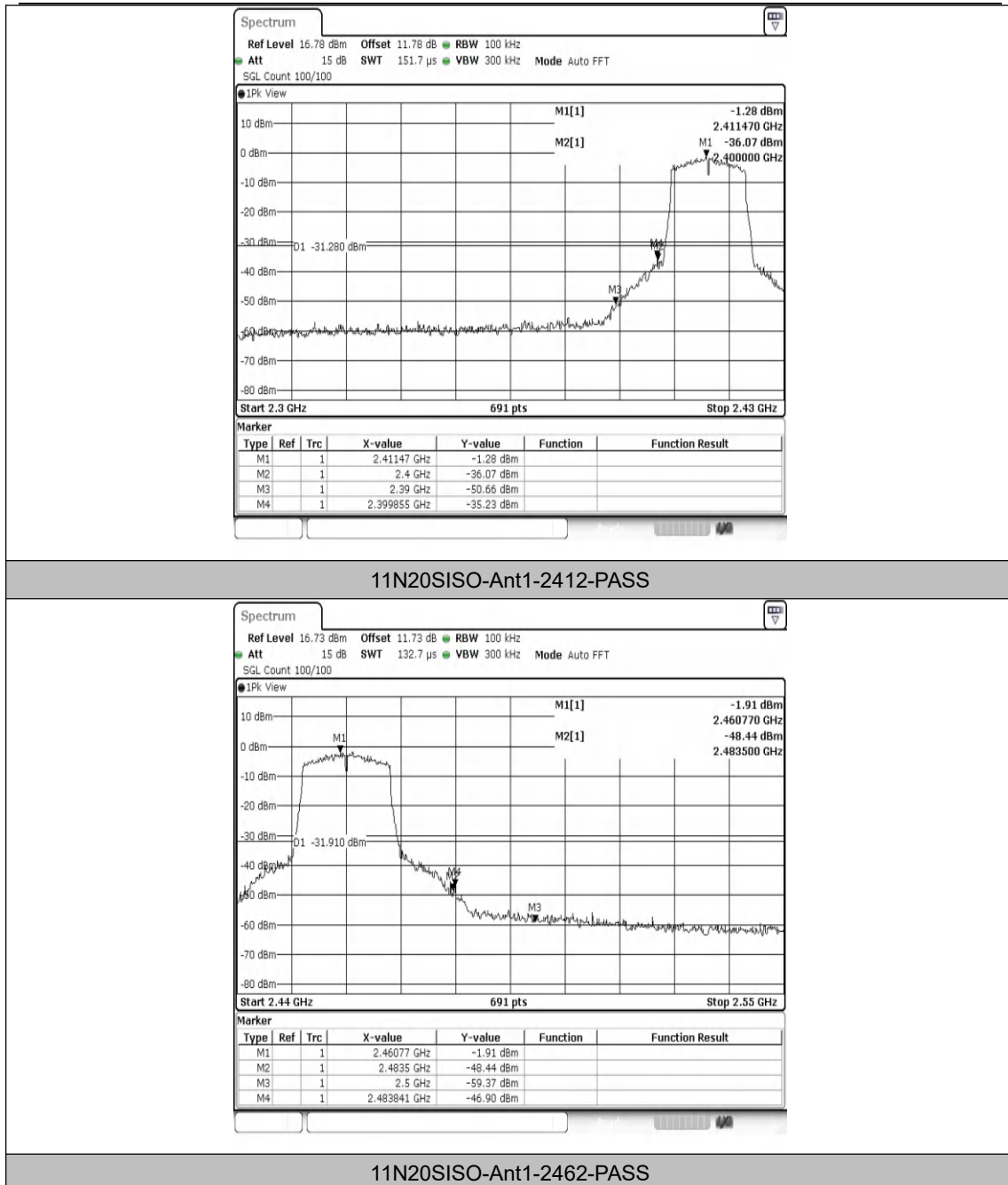
Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.34	-45.79	≤-25.66	PASS
11B	Ant1	High	2462	4.24	-57.98	≤-25.76	PASS
11G	Ant1	Low	2412	-0.98	-37.48	≤-30.98	PASS
11G	Ant1	High	2462	-2.03	-50.36	≤-32.03	PASS
11N20SISO	Ant1	Low	2412	-1.28	-35.23	≤-31.28	PASS
11N20SISO	Ant1	High	2462	-1.91	-46.9	≤-31.91	PASS
11N40SISO	Ant1	Low	2422	-4.42	-38.19	≤-34.42	PASS
11N40SISO	Ant1	High	2452	-4.22	-42.7	≤-34.22	PASS

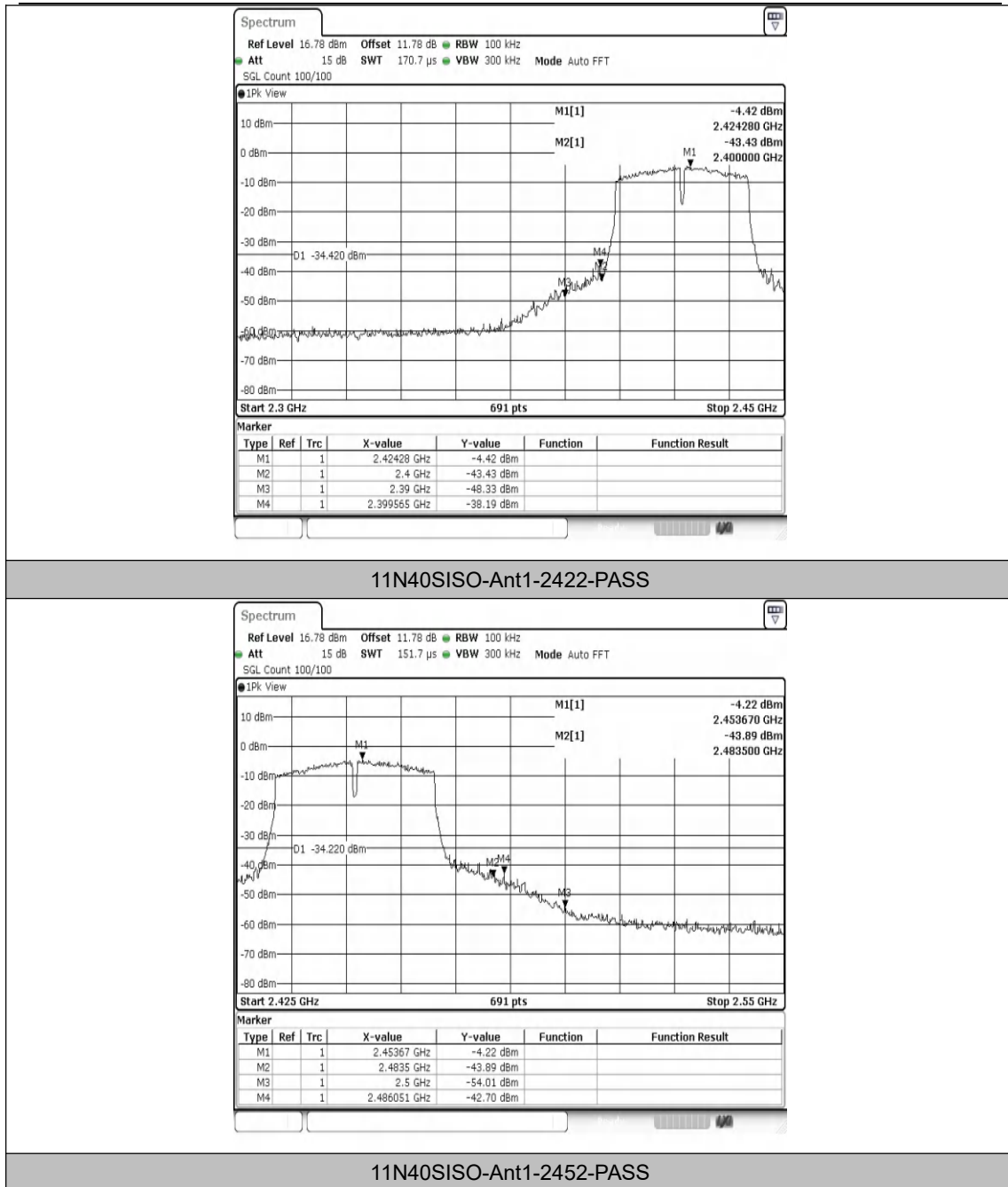
Note: 11N20, 11N40 support MIMO mode, with sufficient margin, and increasing the MIMO calculation value also meets the limit requirements.

Test Graphs









Appendix F: Conducted Spurious Emission

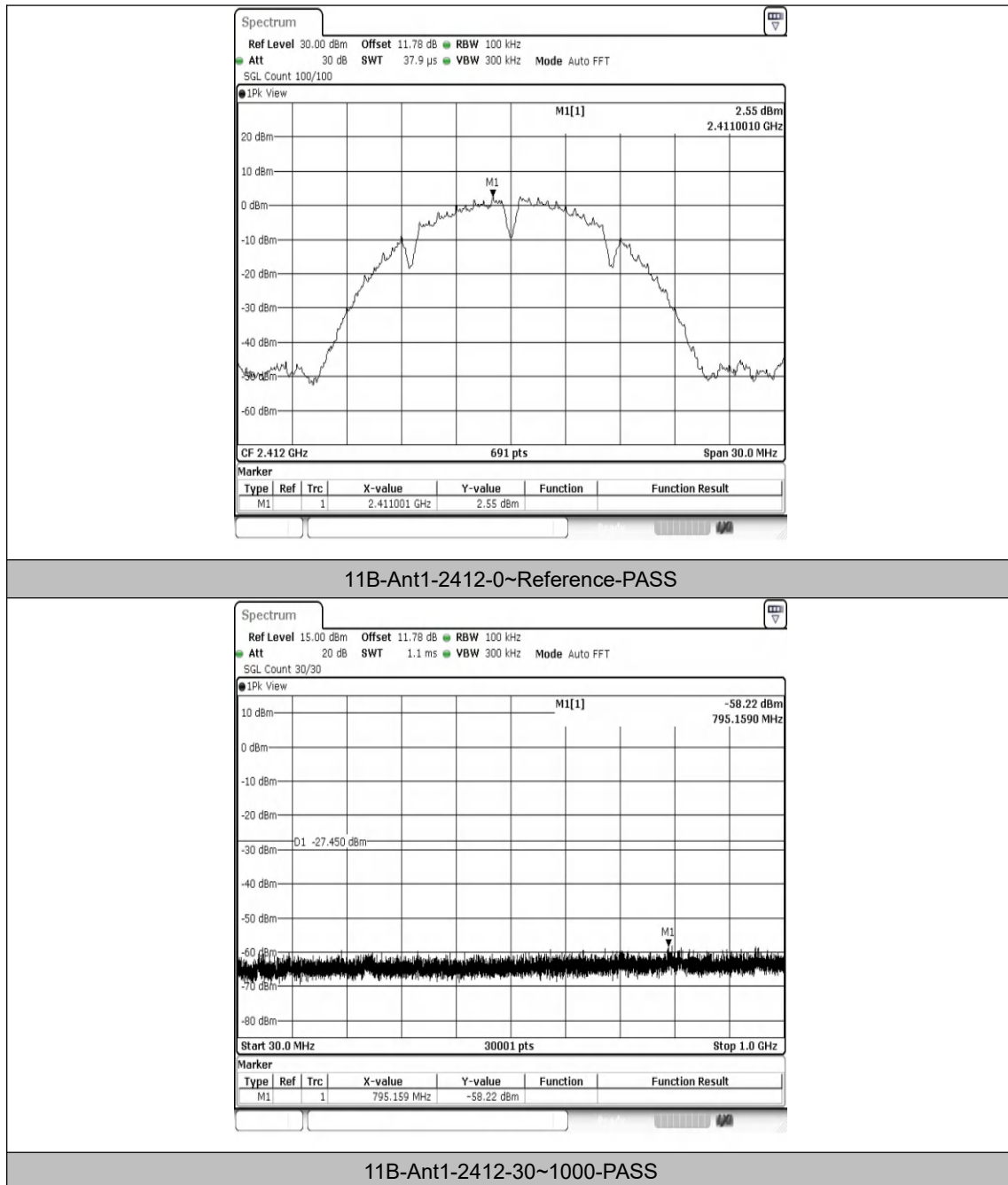
Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	2.55	2.55	---	PASS
11B	Ant1	2412	30~1000	2.55	-58.22	≤-27.45	PASS
11B	Ant1	2412	1000~26500	2.55	-43.97	≤-27.45	PASS
11B	Ant1	2437	0~Reference	3.72	3.72	---	PASS
11B	Ant1	2437	30~1000	3.72	-58.08	≤-26.28	PASS
11B	Ant1	2437	1000~26500	3.72	-43.72	≤-26.28	PASS
11B	Ant1	2462	0~Reference	3.09	3.09	---	PASS
11B	Ant1	2462	30~1000	3.09	-57.73	≤-26.91	PASS
11B	Ant1	2462	1000~26500	3.09	-44.19	≤-26.91	PASS
11G	Ant1	2412	0~Reference	-0.93	-0.93	---	PASS
11G	Ant1	2412	30~1000	-0.93	-58.23	≤-30.93	PASS
11G	Ant1	2412	1000~26500	-0.93	-43.48	≤-30.93	PASS
11G	Ant1	2437	0~Reference	-1.15	-1.15	---	PASS
11G	Ant1	2437	30~1000	-1.15	-58.05	≤-31.15	PASS
11G	Ant1	2437	1000~26500	-1.15	-44.11	≤-31.15	PASS
11G	Ant1	2462	0~Reference	-1.86	-1.86	---	PASS
11G	Ant1	2462	30~1000	-1.86	-57.89	≤-31.86	PASS
11G	Ant1	2462	1000~26500	-1.86	-43.74	≤-31.86	PASS
11N20SISO	Ant1	2412	0~Reference	-1.91	-1.91	---	PASS
11N20SISO	Ant1	2412	30~1000	-1.91	-57.96	≤-31.91	PASS
11N20SISO	Ant1	2412	1000~26500	-1.91	-43.91	≤-31.91	PASS
11N20SISO	Ant1	2437	0~Reference	-1.75	-1.75	---	PASS
11N20SISO	Ant1	2437	30~1000	-1.75	-58.33	≤-31.75	PASS
11N20SISO	Ant1	2437	1000~26500	-1.75	-44.38	≤-31.75	PASS
11N20SISO	Ant1	2462	0~Reference	-1.81	-1.81	---	PASS
11N20SISO	Ant1	2462	30~1000	-1.81	-57.61	≤-31.81	PASS
11N20SISO	Ant1	2462	1000~26500	-1.81	-44.13	≤-31.81	PASS
11N40SISO	Ant1	2422	0~Reference	-4.24	-4.24	---	PASS
11N40SISO	Ant1	2422	30~1000	-4.24	-56.25	≤-34.24	PASS
11N40SISO	Ant1	2422	1000~26500	-4.24	-43.76	≤-34.24	PASS
11N40SISO	Ant1	2437	0~Reference	-4.55	-4.55	---	PASS
11N40SISO	Ant1	2437	30~1000	-4.55	-56.3	≤-34.55	PASS
11N40SISO	Ant1	2437	1000~26500	-4.55	-42.83	≤-34.55	PASS
11N40SISO	Ant1	2452	0~Reference	-4.51	-4.51	---	PASS
11N40SISO	Ant1	2452	30~1000	-4.51	-57.49	≤-34.51	PASS
11N40SISO	Ant1	2452	1000~26500	-4.51	-44.13	≤-34.51	PASS

Shenzhen Anbotech Compliance Laboratory Limited



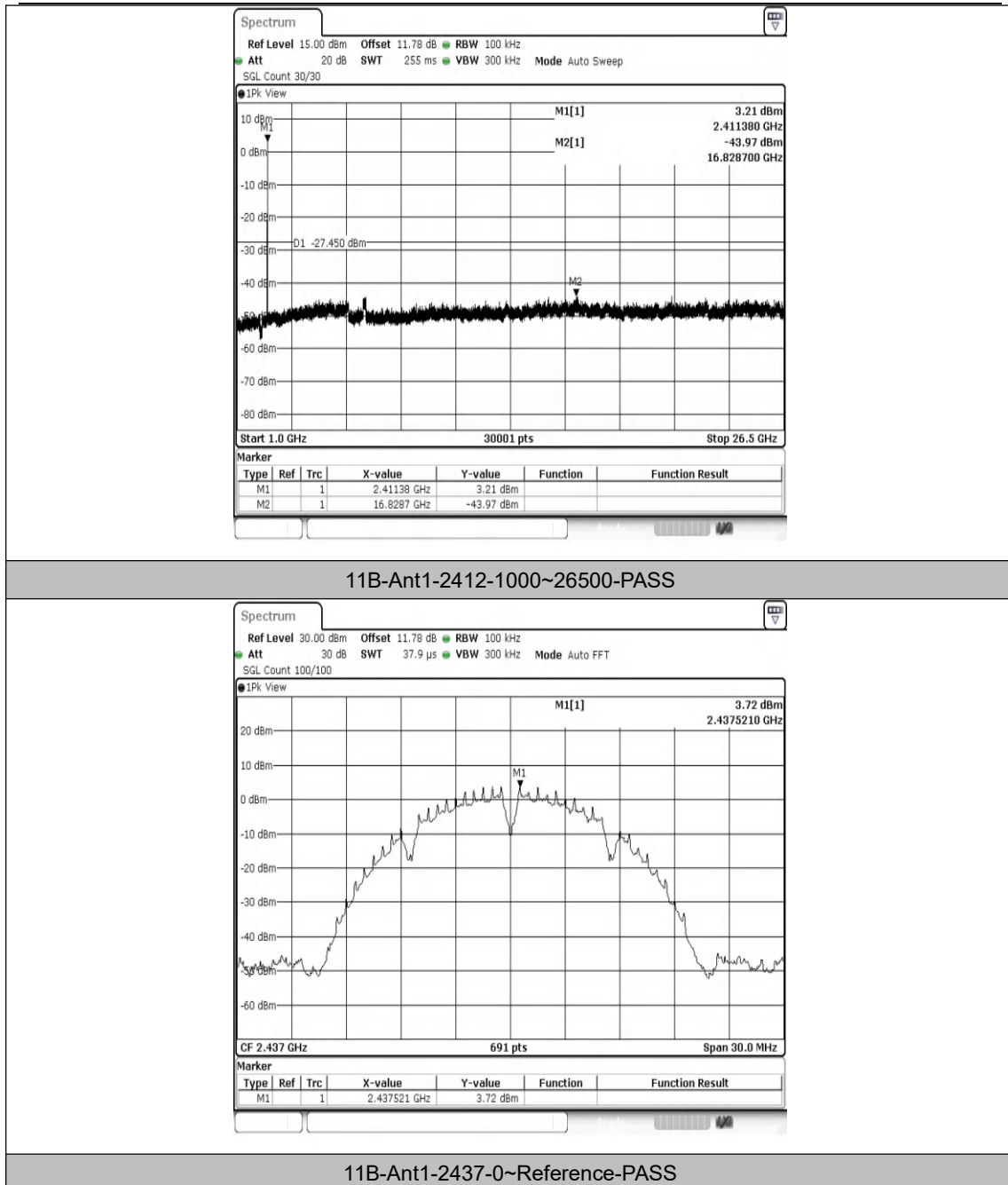
Test Graphs

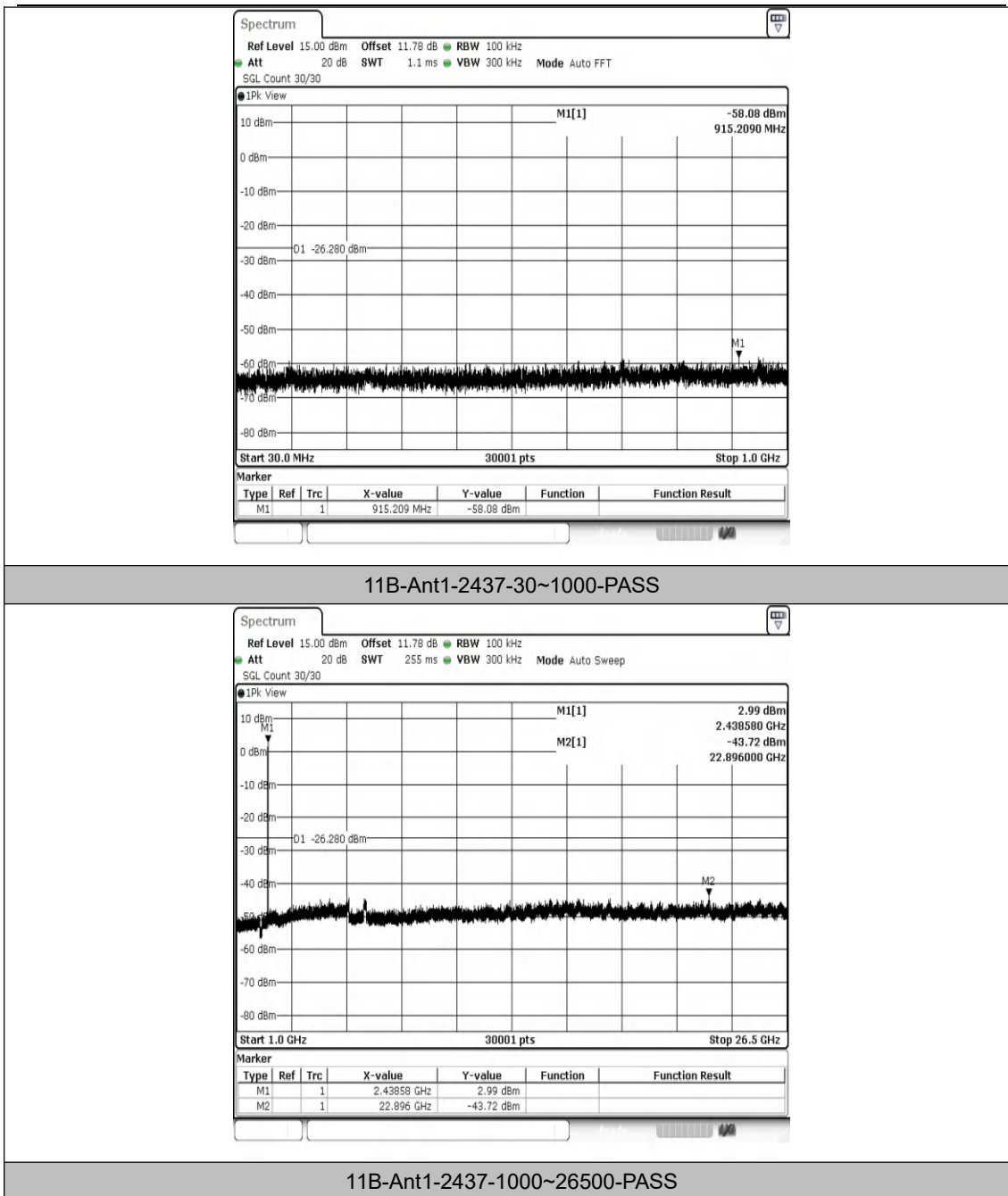


Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com

Hotline
400-003-0500
www.anbotek.com

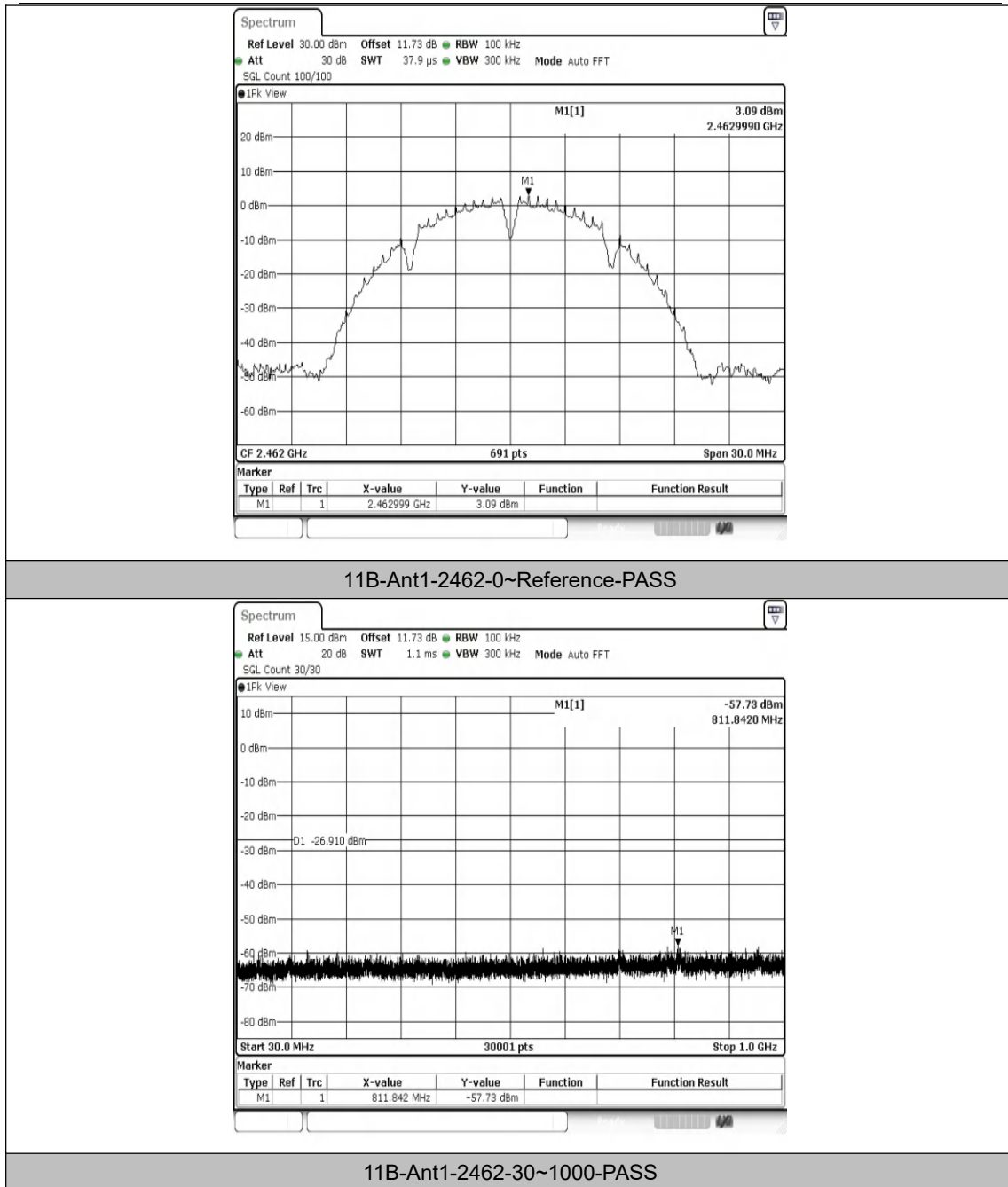




Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotech.com

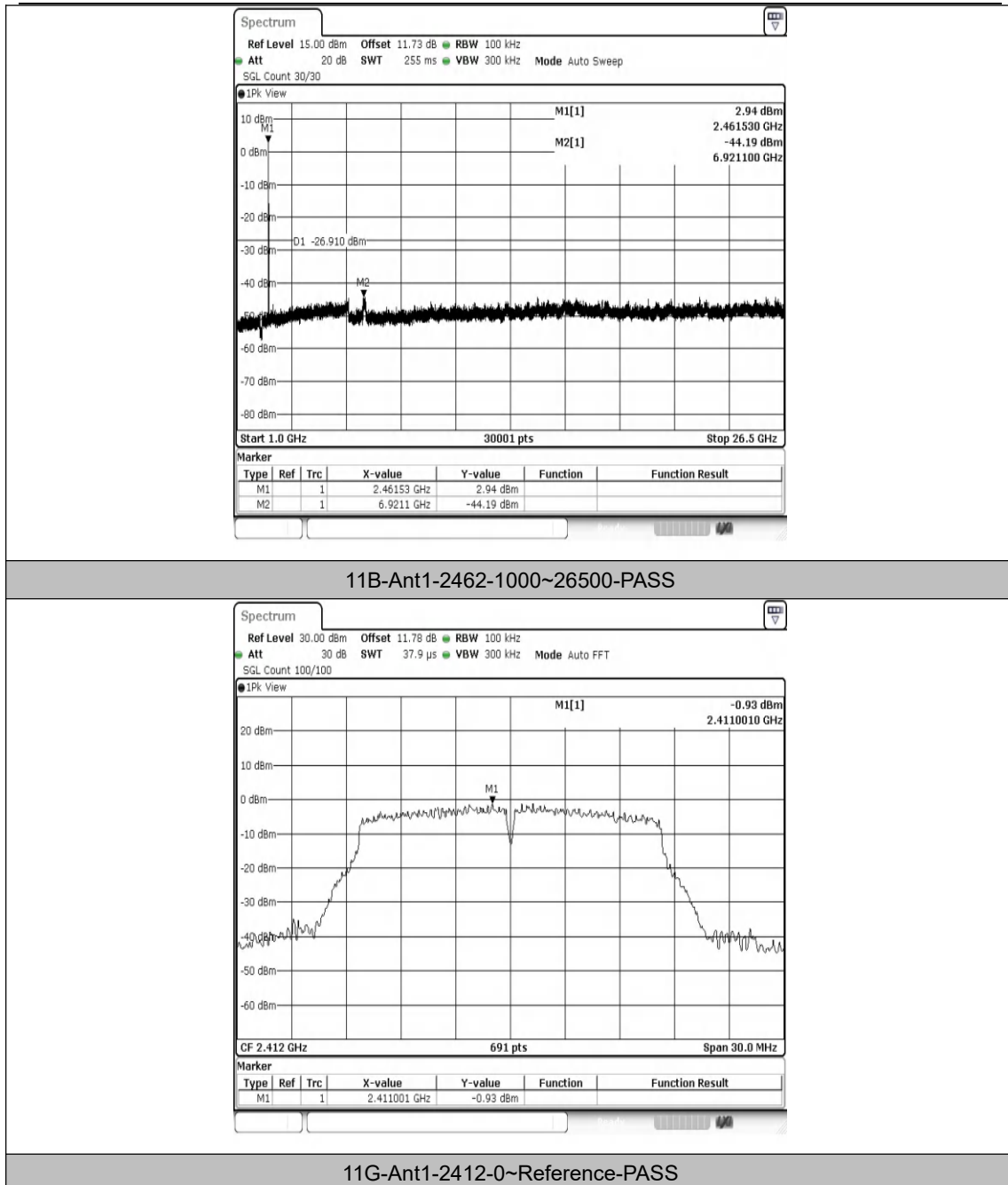
Hotline
400-003-0500
www.anbotech.com

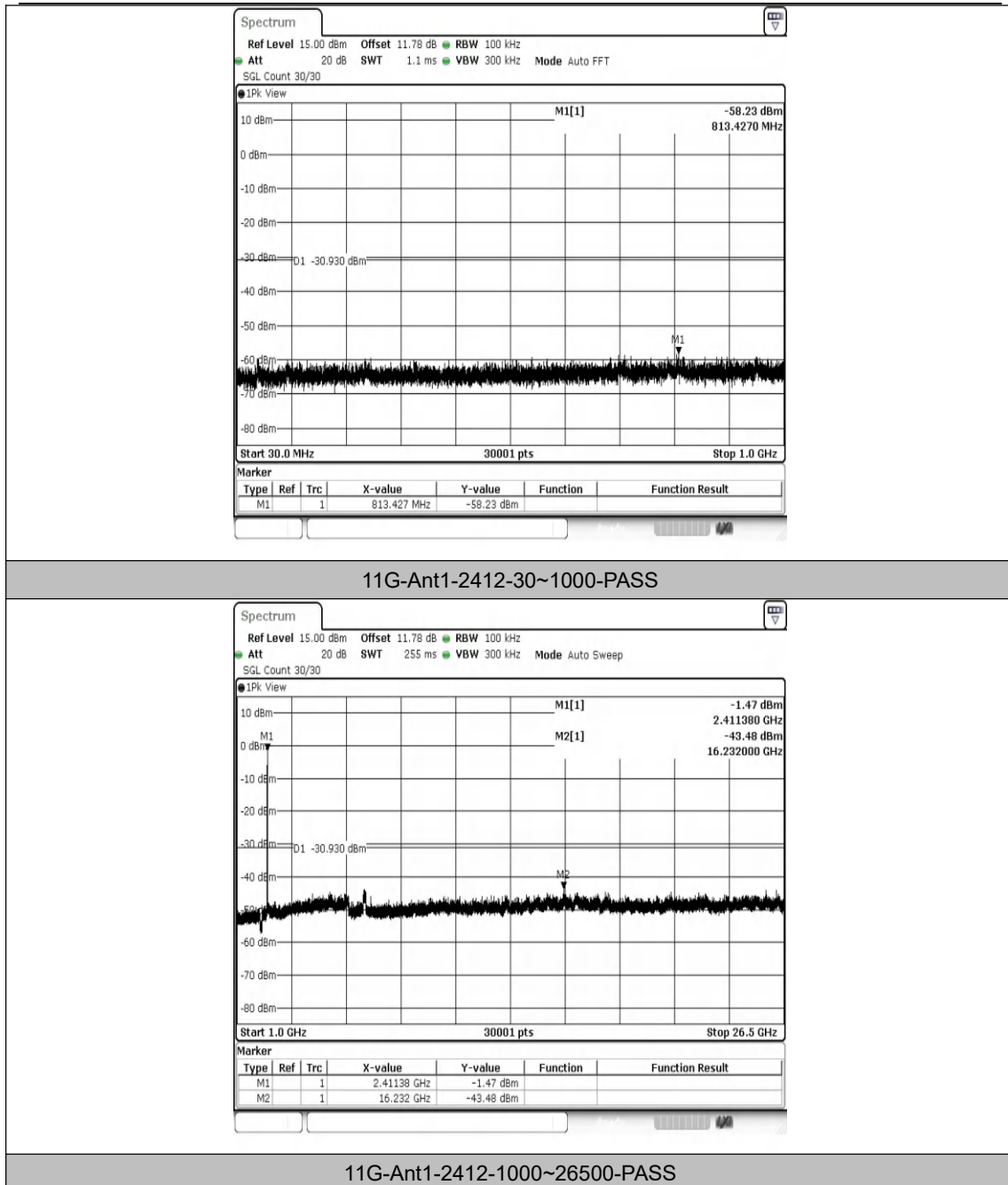


Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

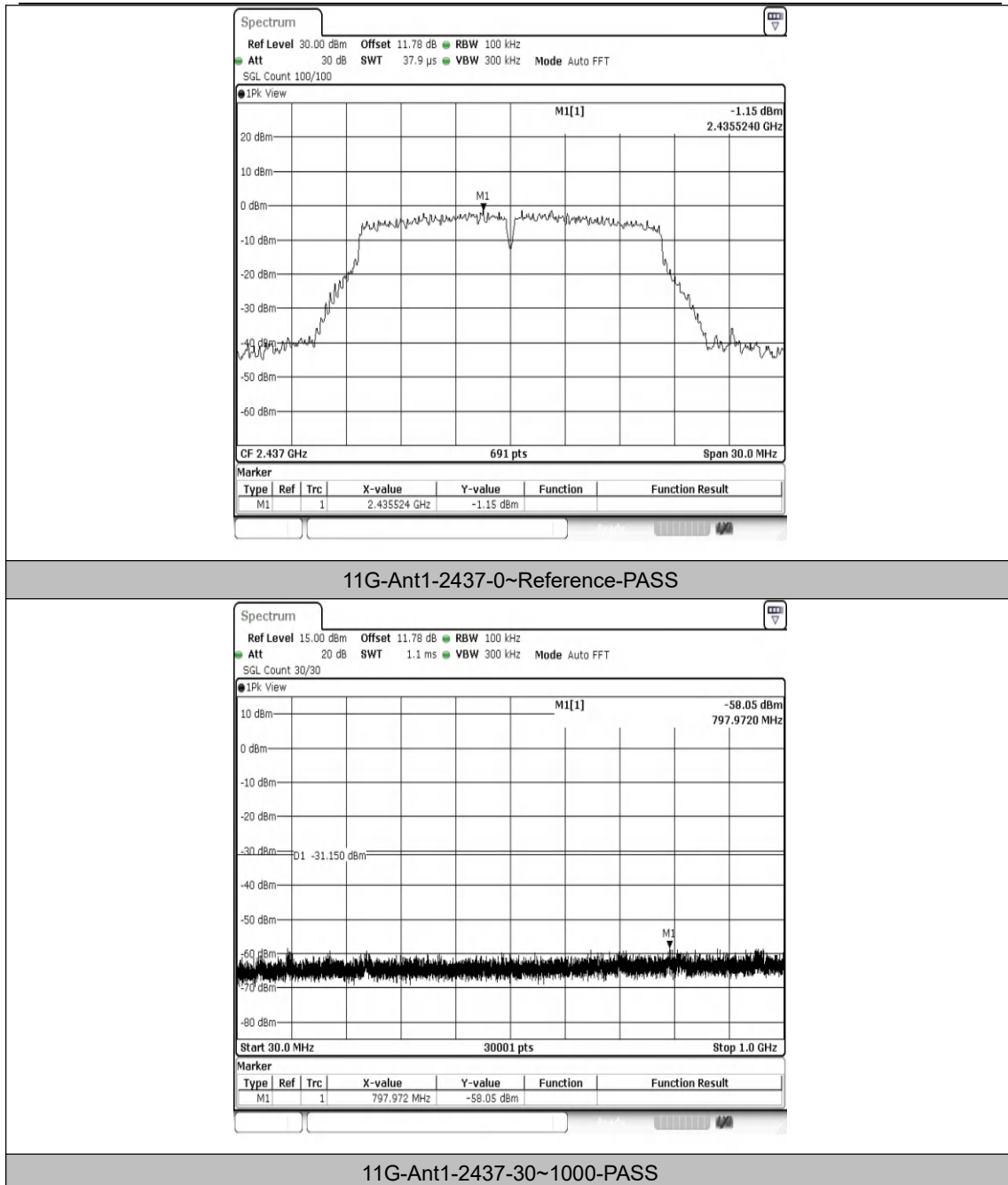




Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotech.com

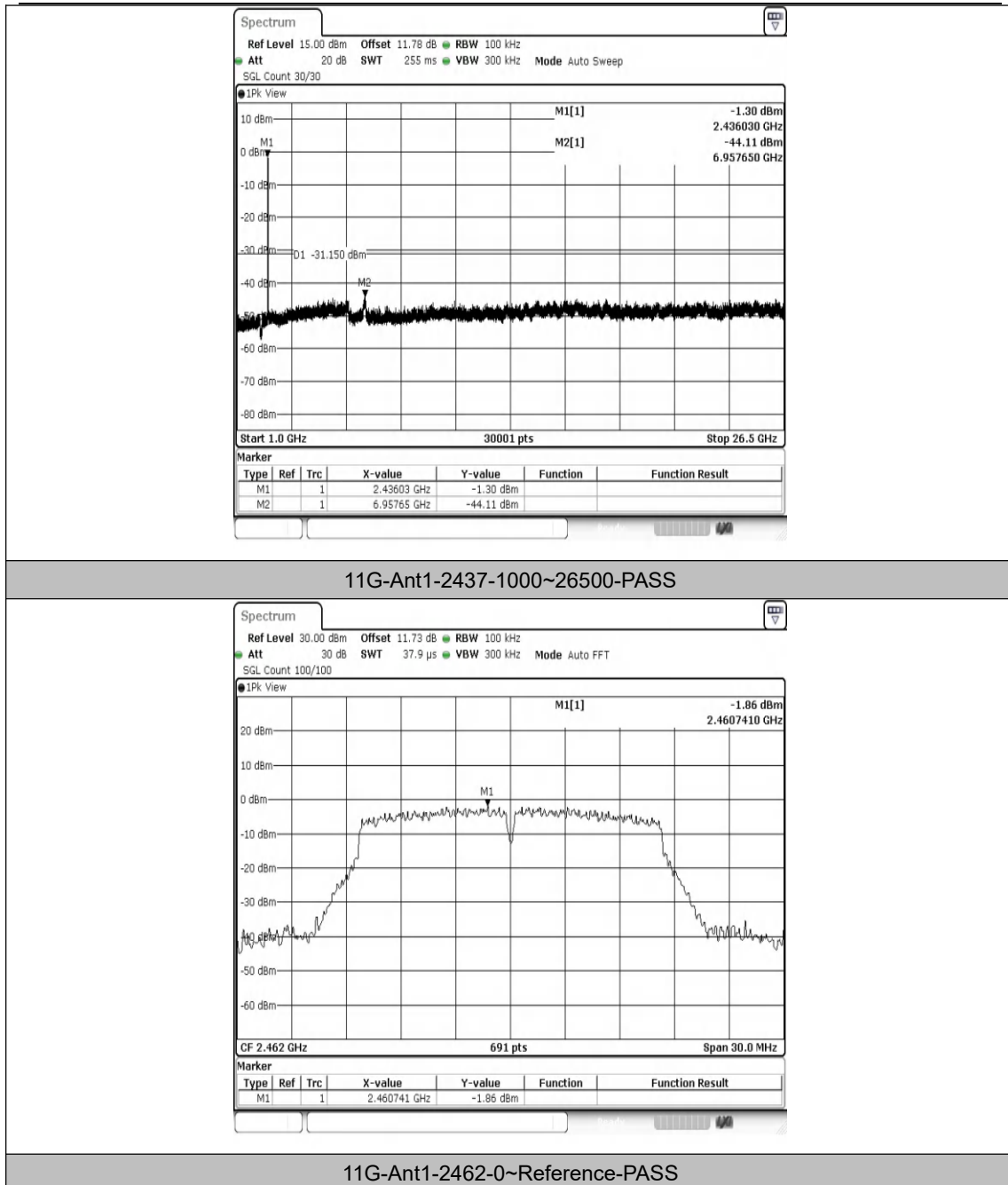
Hotline
400-003-0500
www.anbotech.com

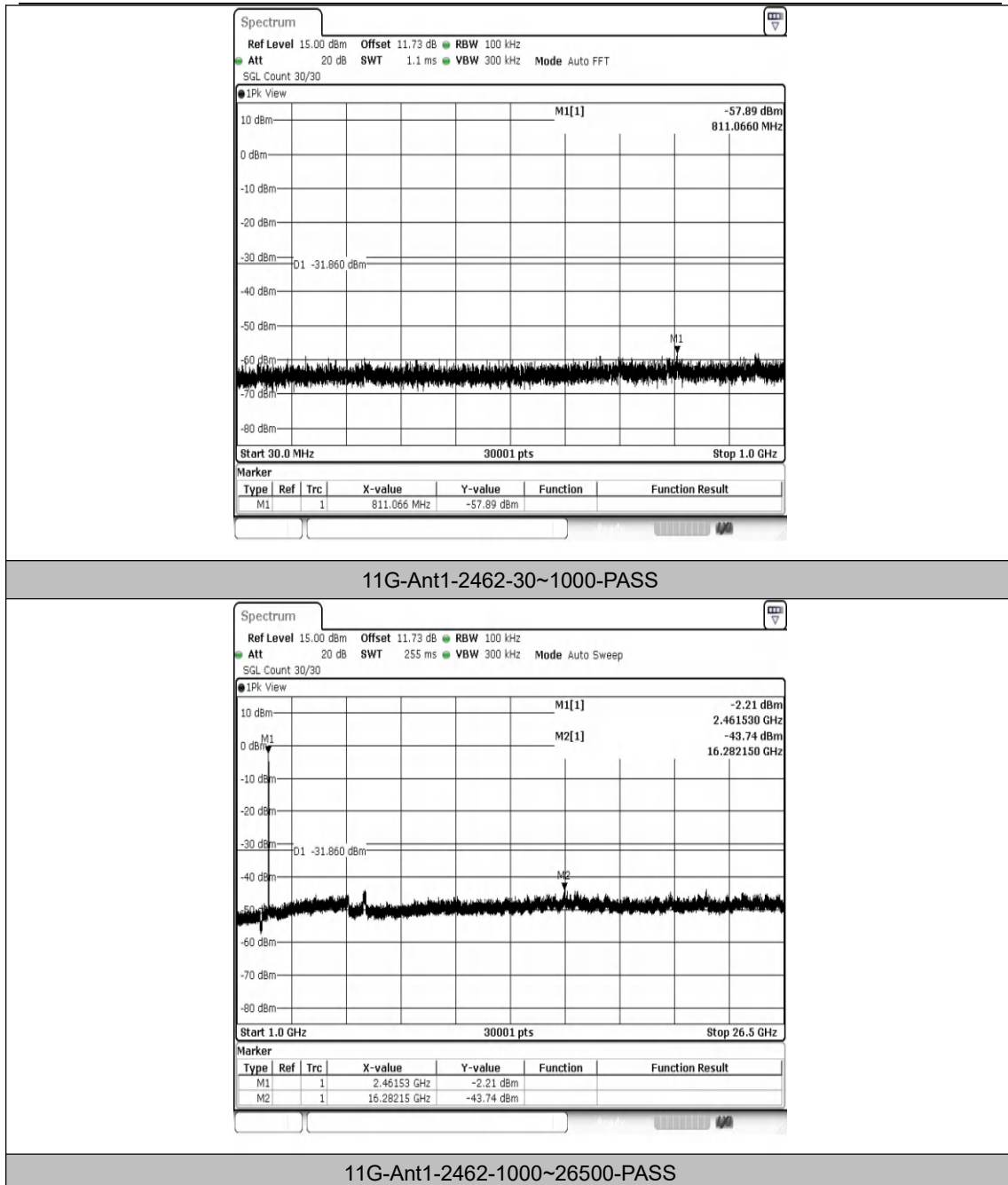


Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

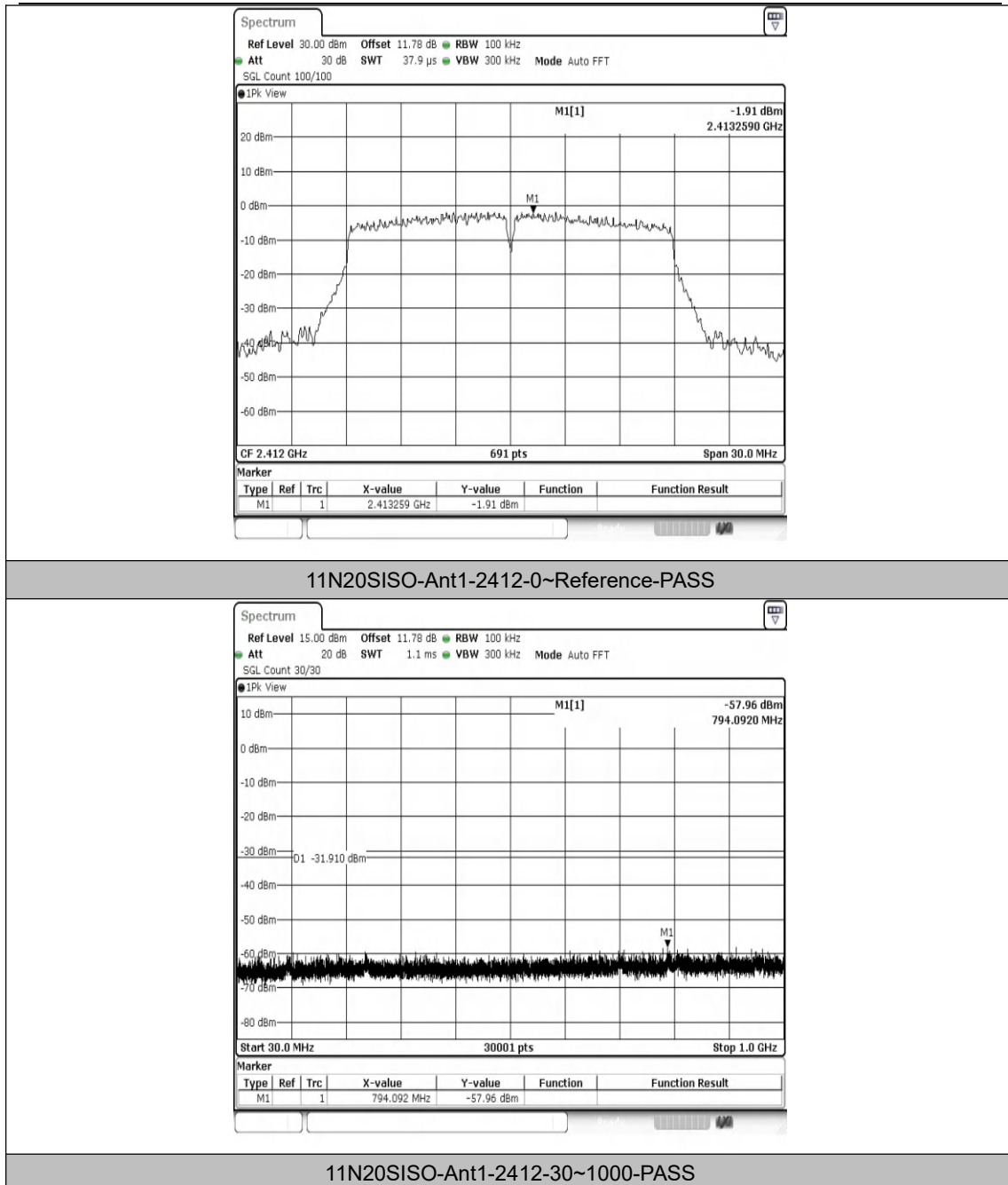




Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com

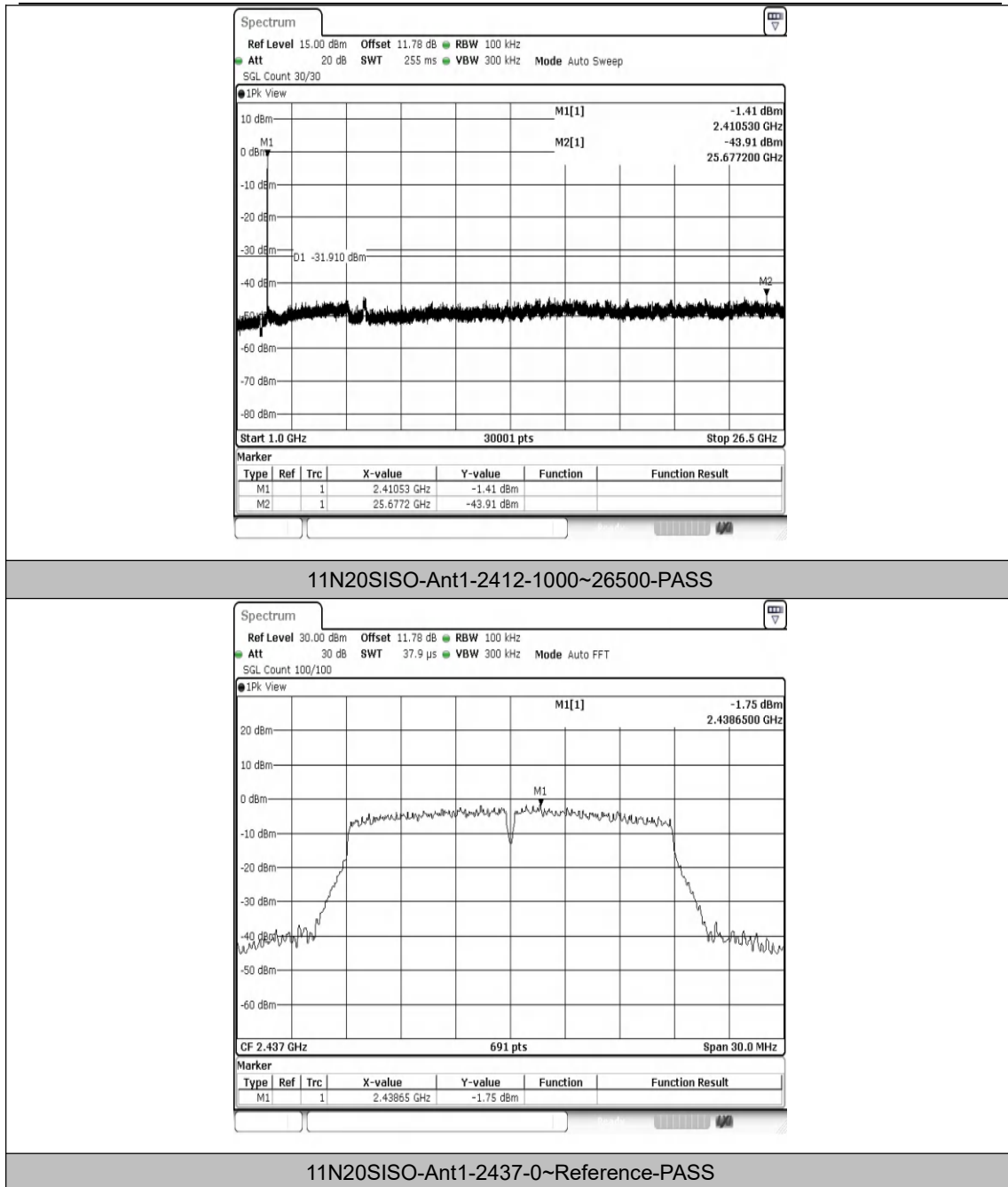


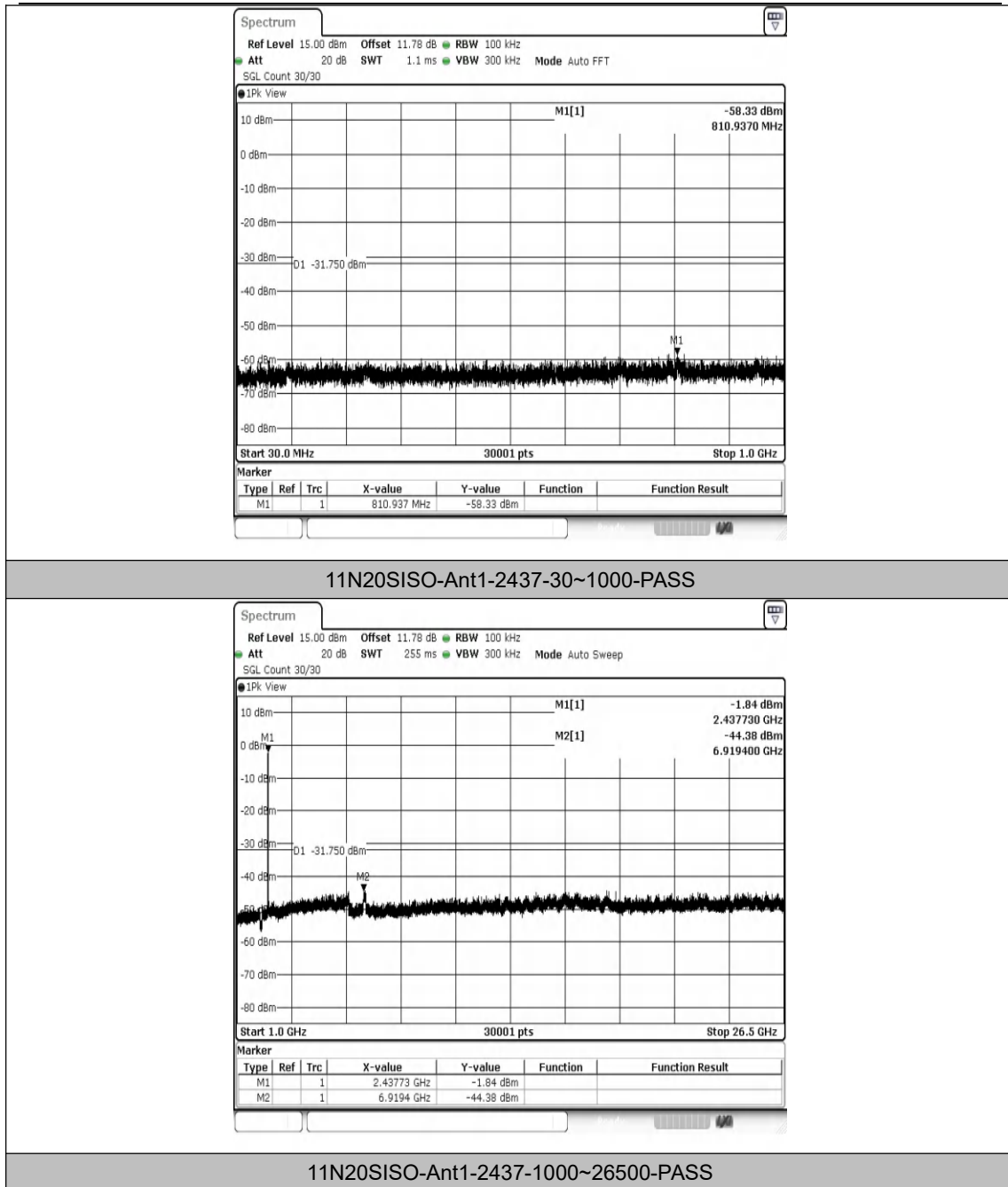
Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com



Hotline
400-003-0500
www.anbotek.com

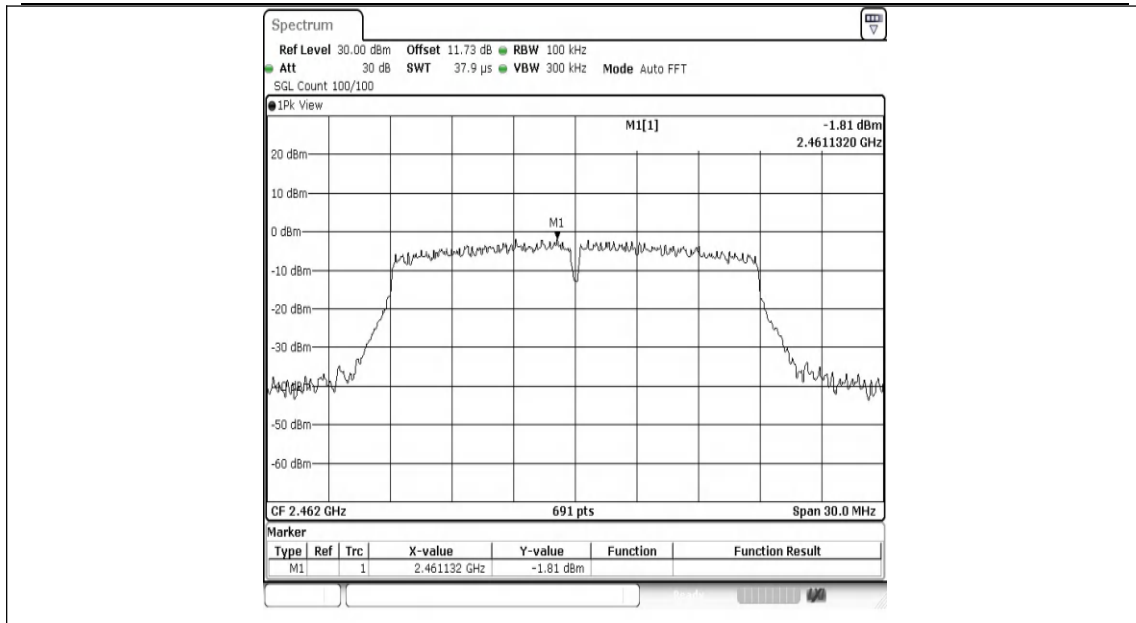




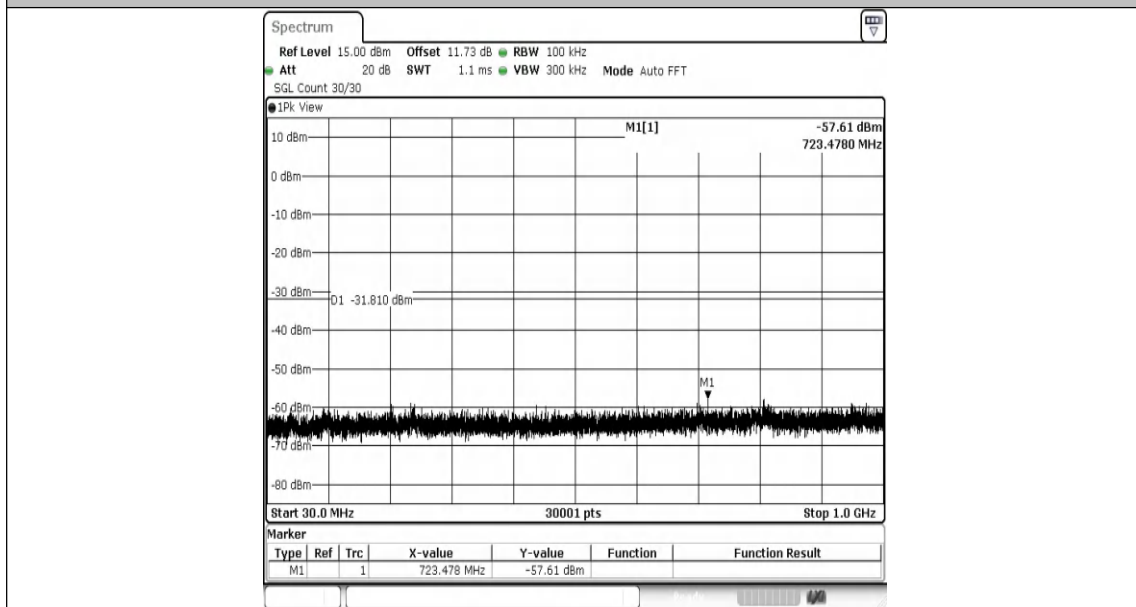
Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotech.com

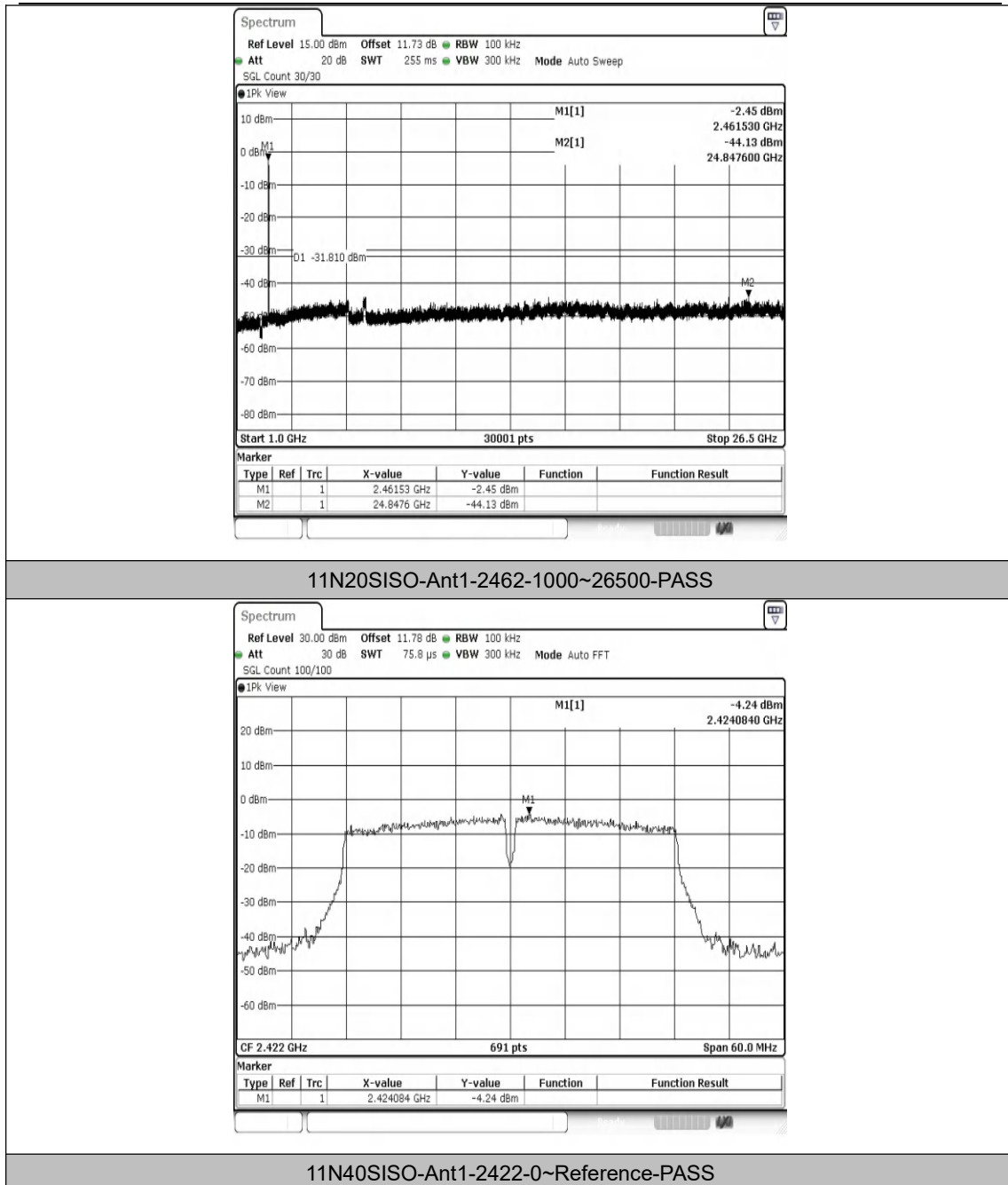
Hotline
400-003-0500
www.anbotech.com

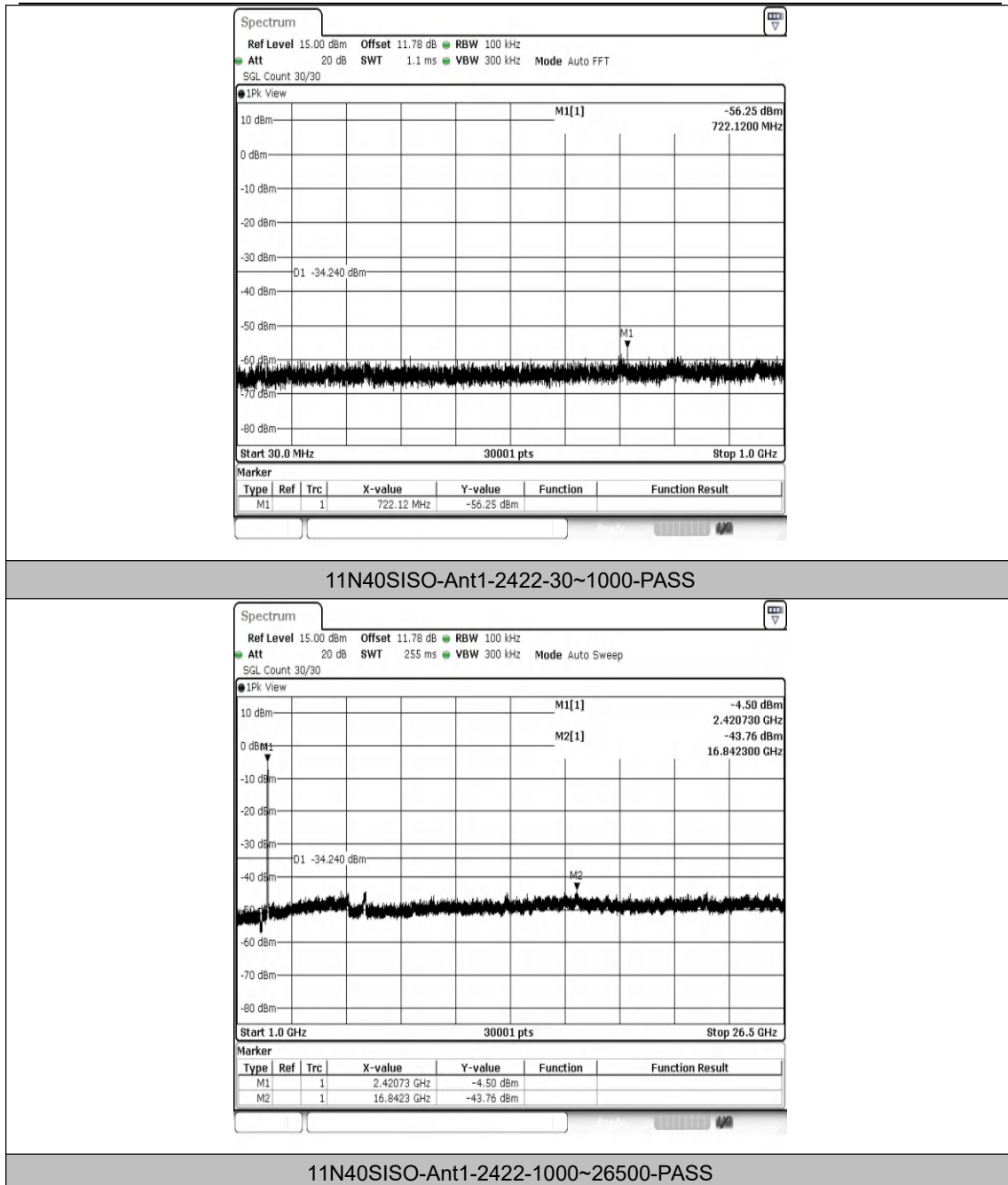


11N20SISO-Ant1-2462-0~Reference-PASS



11N20SISO-Ant1-2462-30~1000-PASS

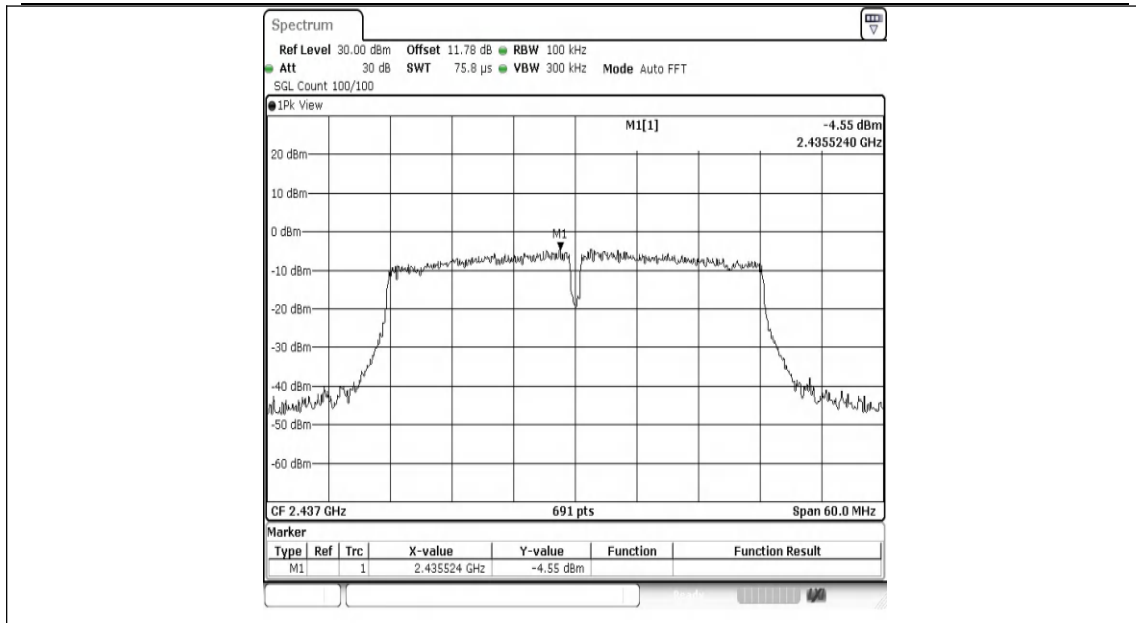




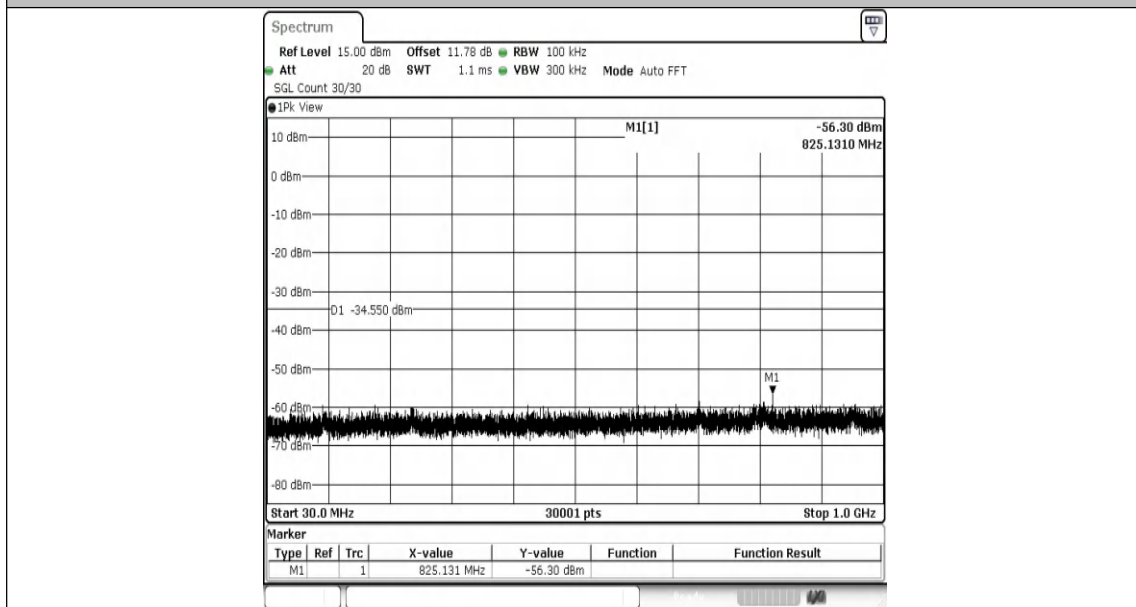
Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com

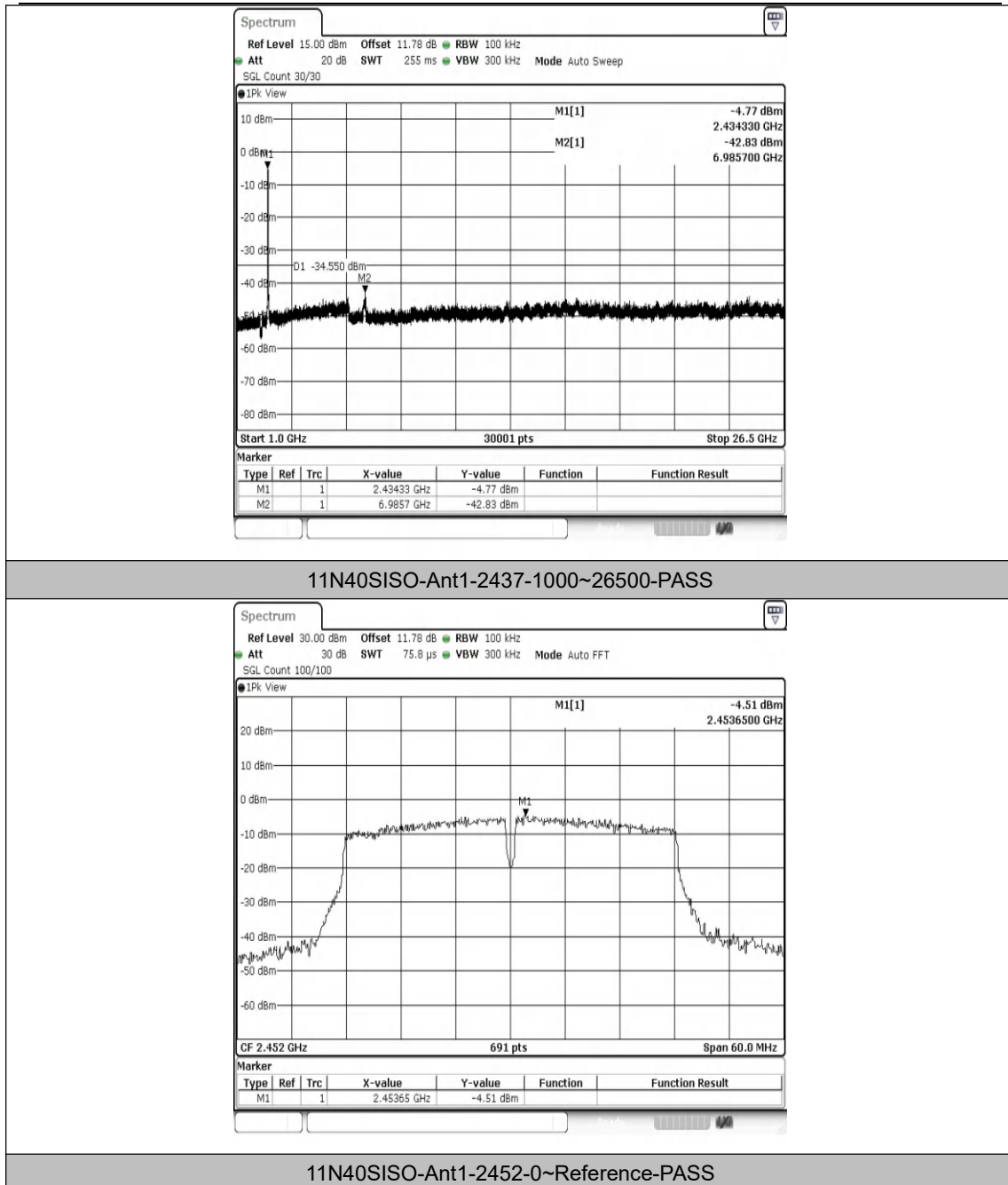
Hotline
400-003-0500
www.anbotek.com

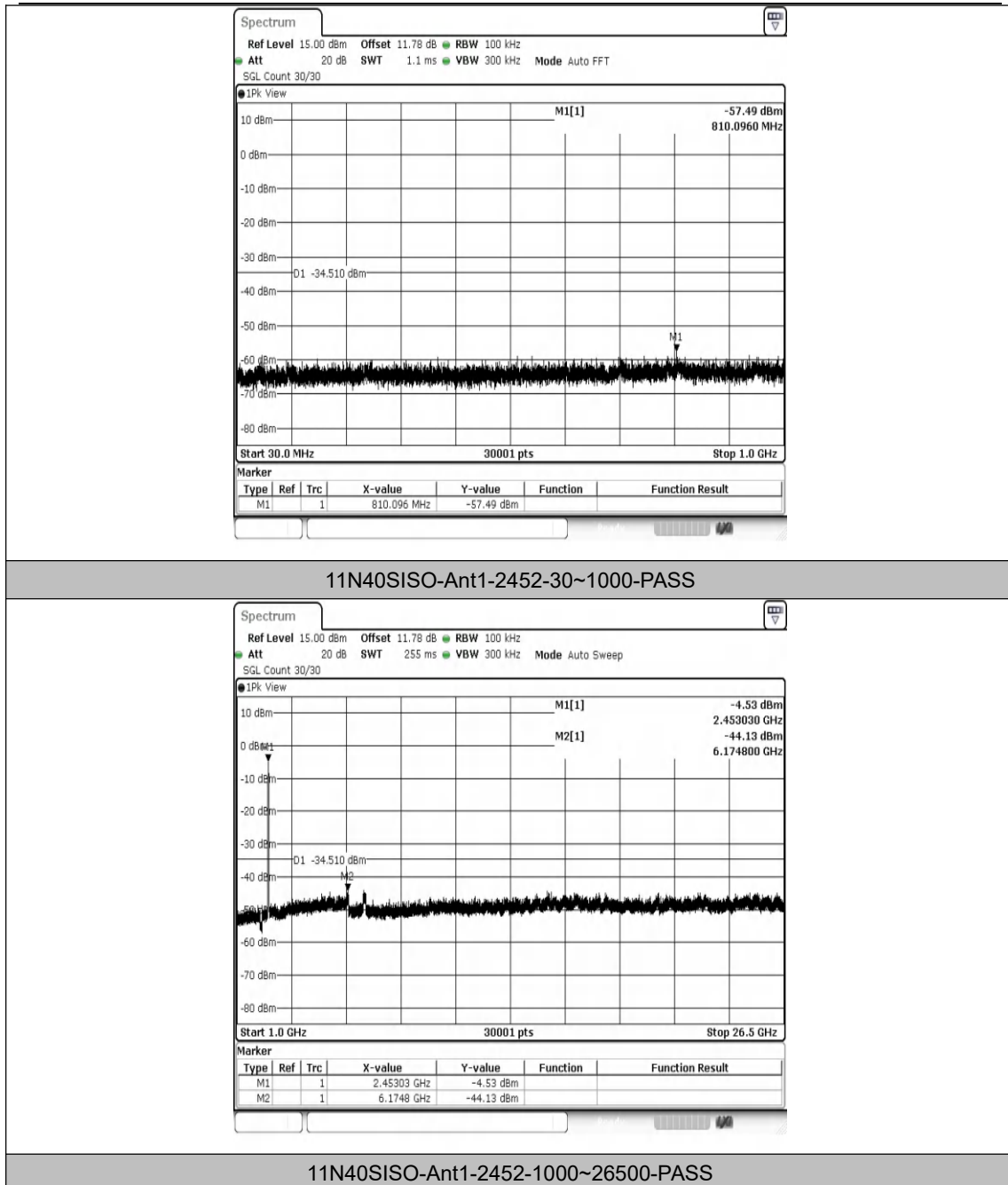


11N40SISO-Ant1-2437-0~Reference-PASS



11N40SISO-Ant1-2437-30~1000-PASS





Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotech.com

Hotline
400-003-0500
www.anbotech.com

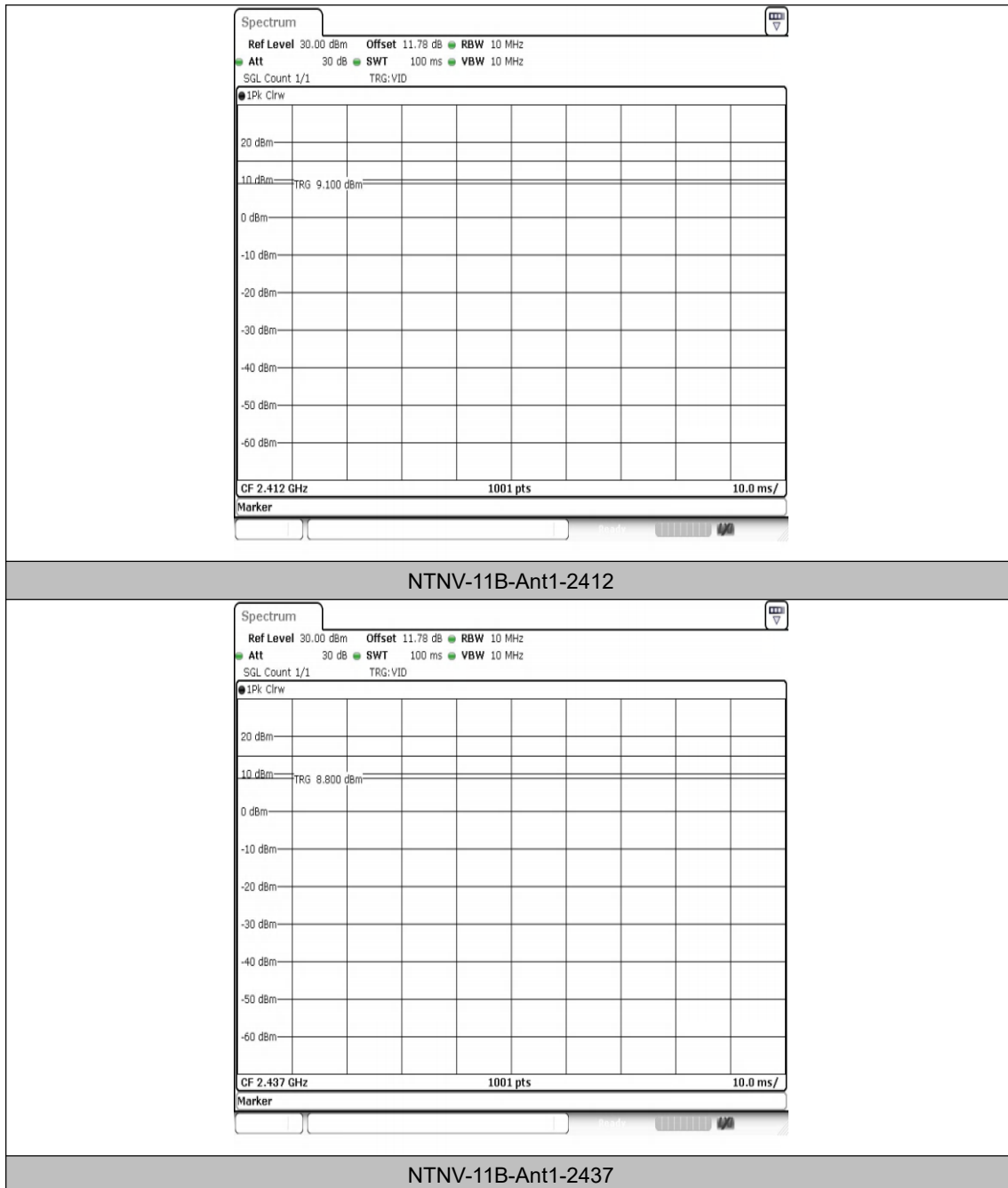
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	100.00	100.00	100.00	0.00
11B	Ant1	2437	100.00	100.00	100.00	0.00
11B	Ant1	2462	100.00	100.00	100.00	0.00
11G	Ant1	2412	100.00	100.00	100.00	0.00
11G	Ant1	2437	100.00	100.00	100.00	0.00
11G	Ant1	2462	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2412	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2437	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2462	100.00	100.00	100.00	0.00
11N40SISO	Ant1	2422	100.00	100.00	100.00	0.00
11N40SISO	Ant1	2437	100.00	100.00	100.00	0.00
11N40SISO	Ant1	2452	100.00	100.00	100.00	0.00



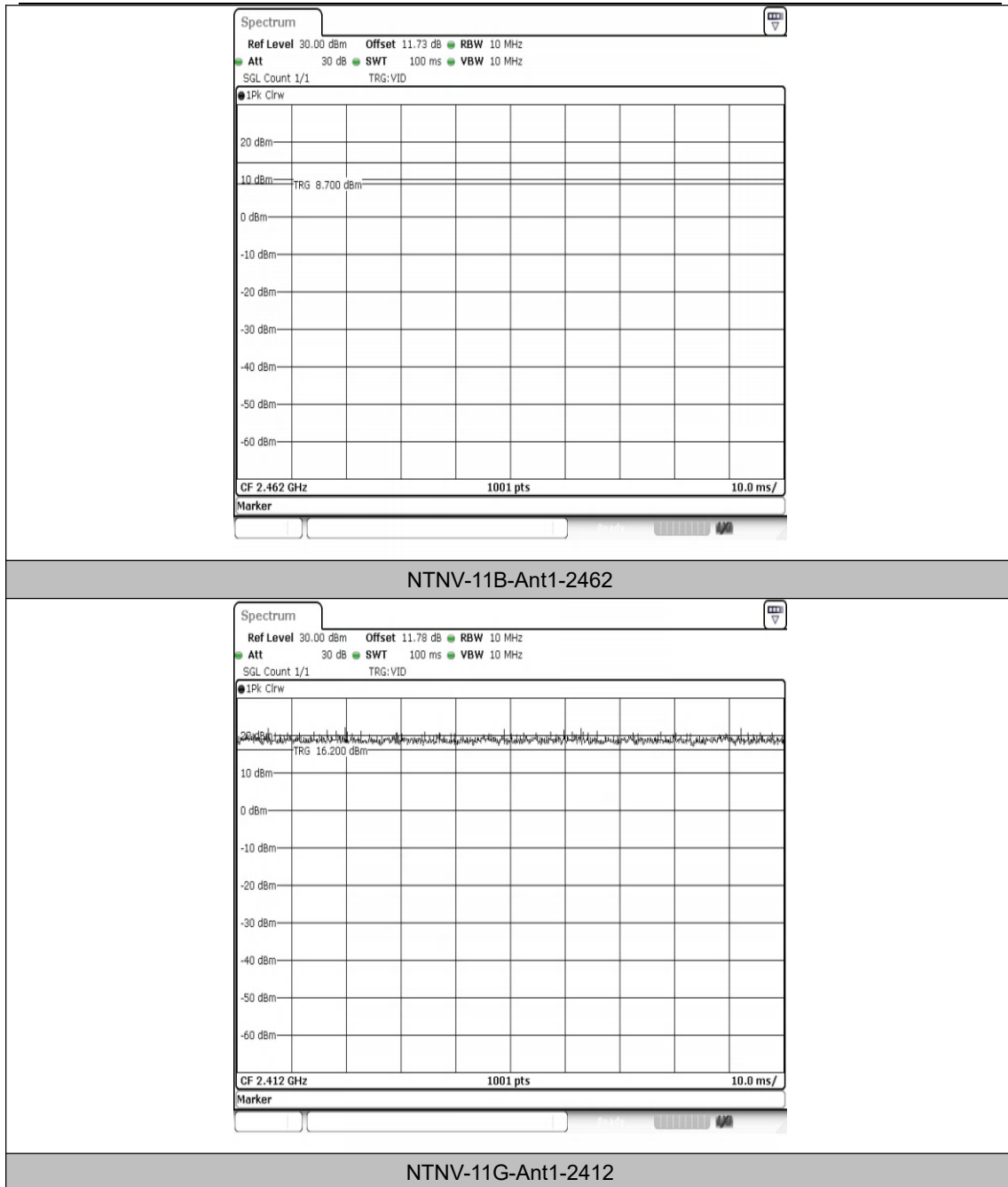
Test Graphs



Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com

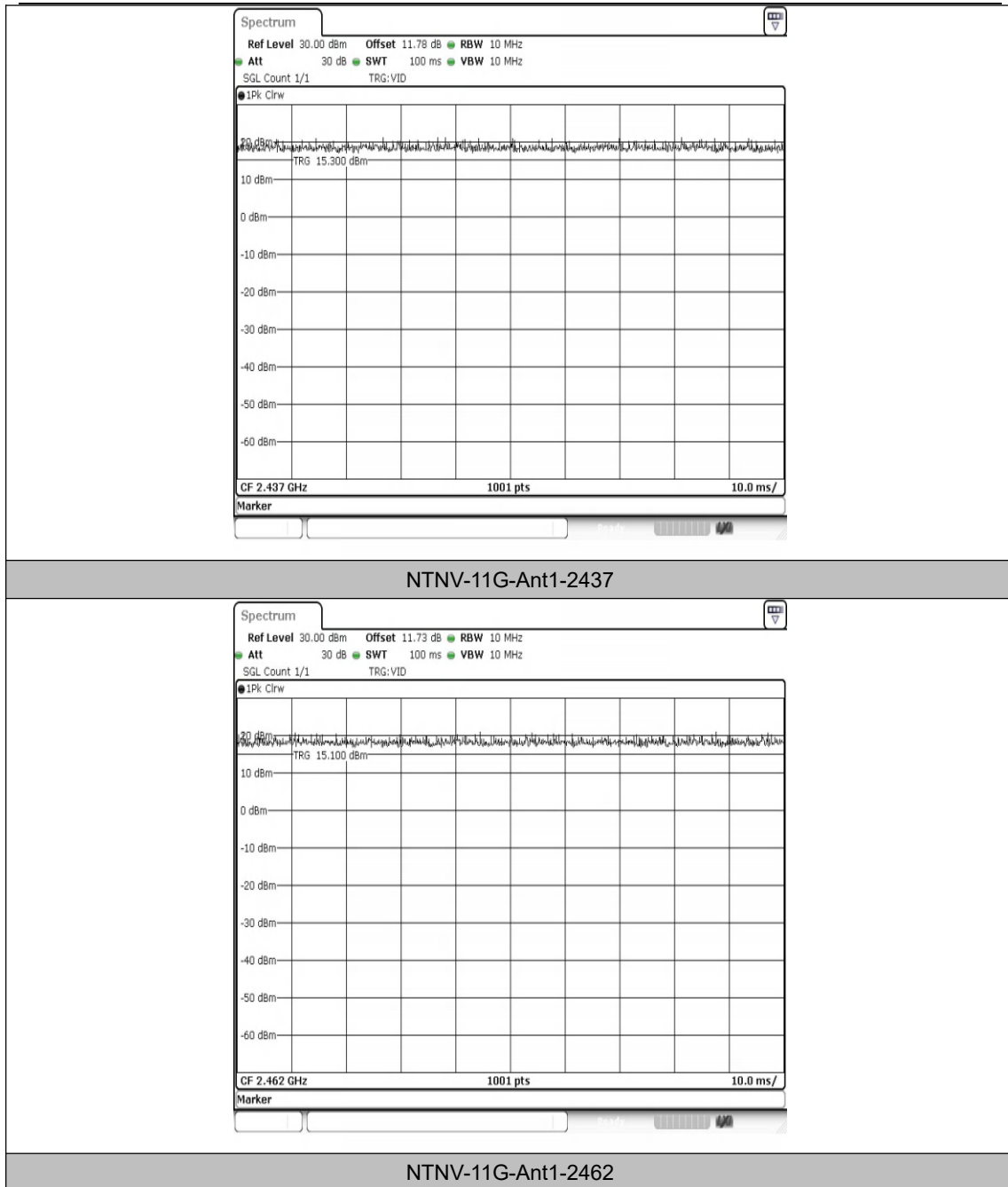


Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com



Hotline
400-003-0500
www.anbotek.com

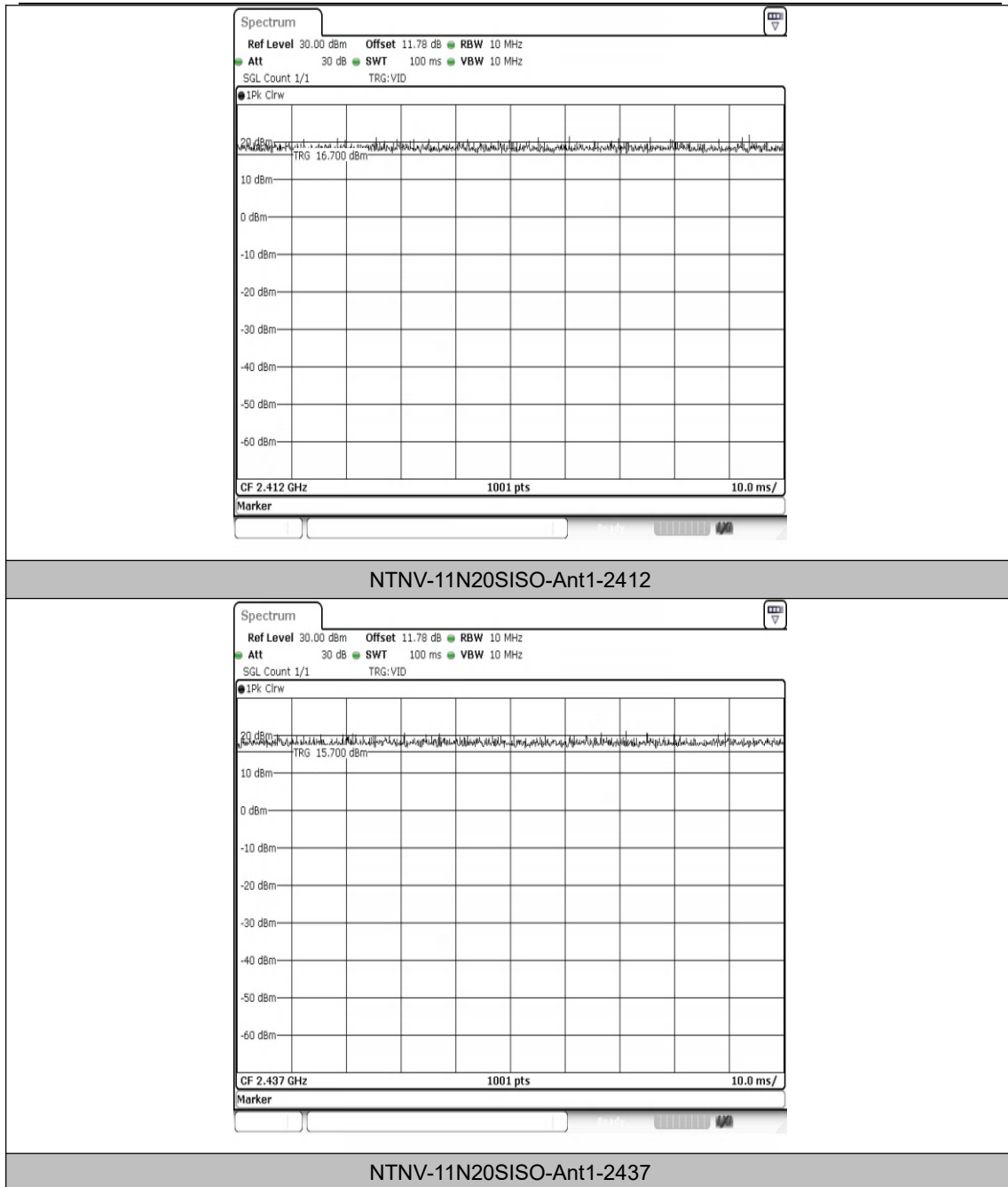


Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com



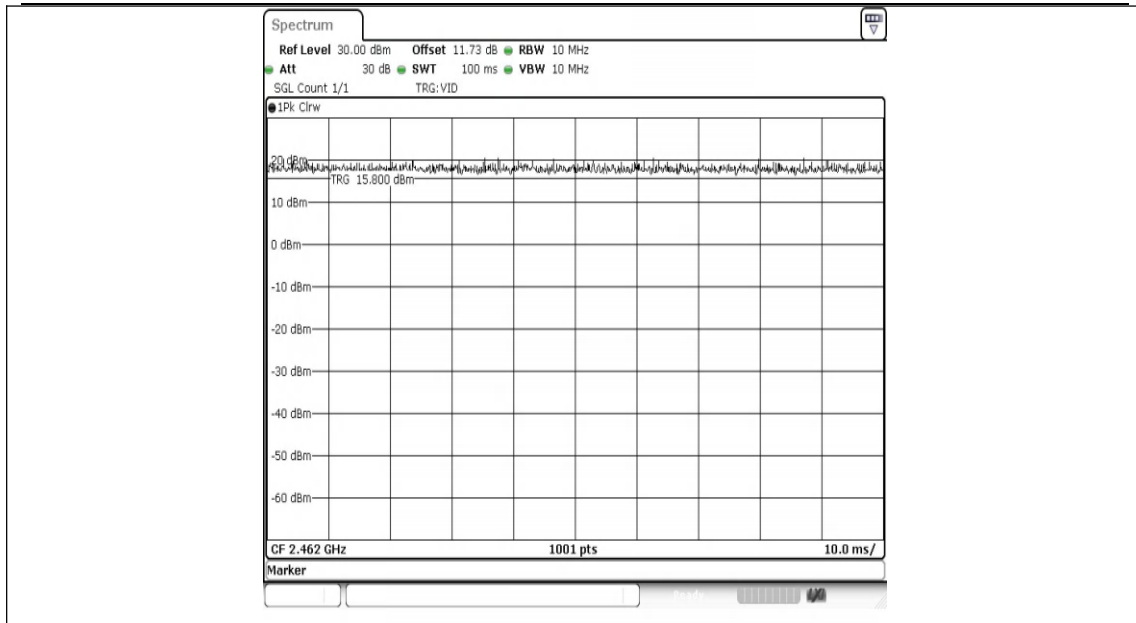
Hotline
400-003-0500
www.anbotek.com



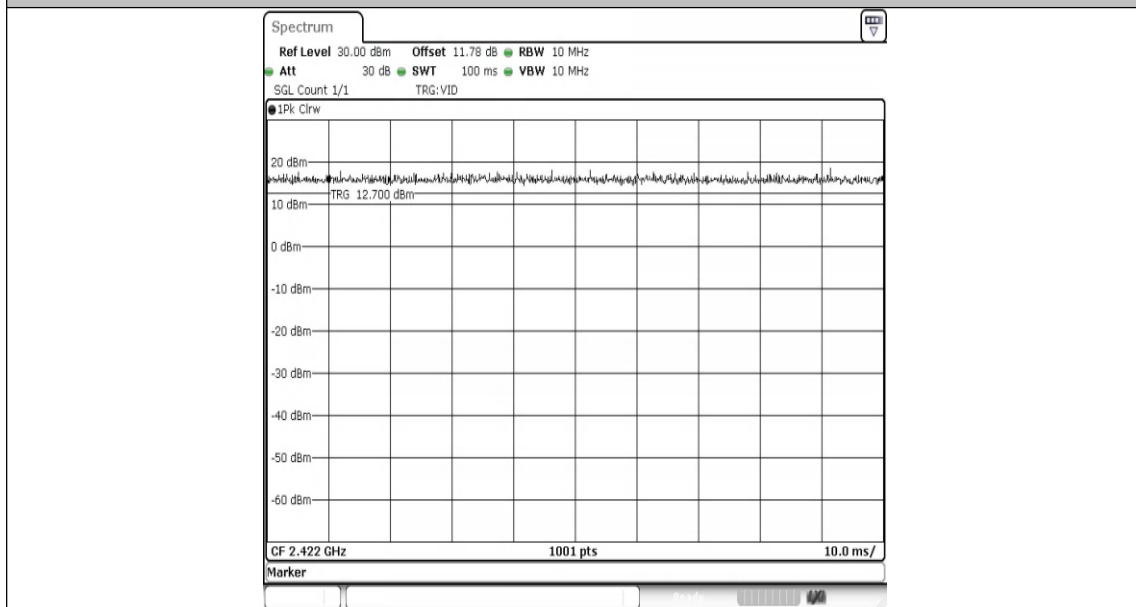
Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
 Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
 Tel:(86)0755-26066440 Email:service@anbotek.com

 Hotline
 400-003-0500
www.anbotek.com

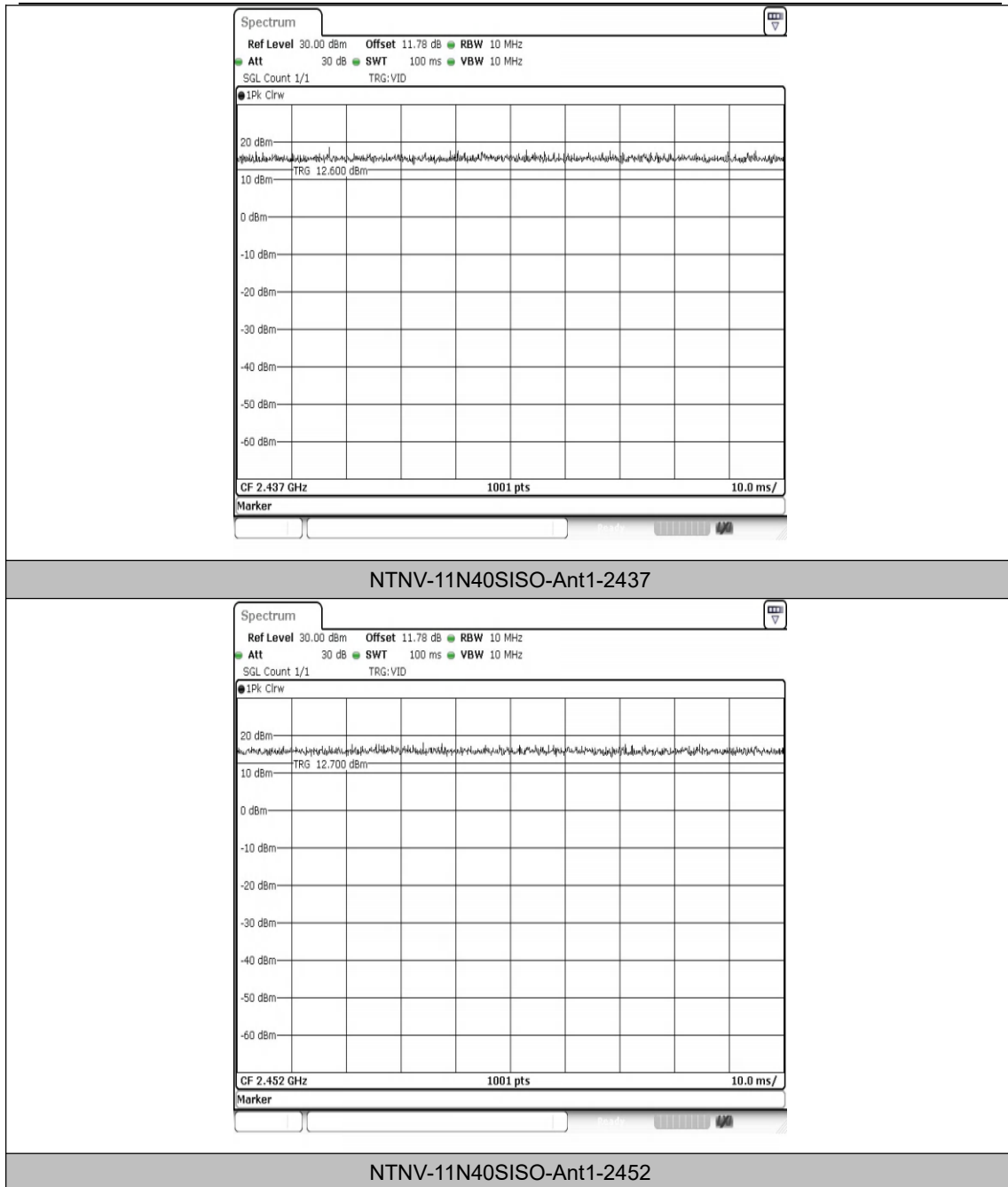


NTNV-11N20SISO-Ant1-2462



NTNV-11N40SISO-Ant1-2422





---End---