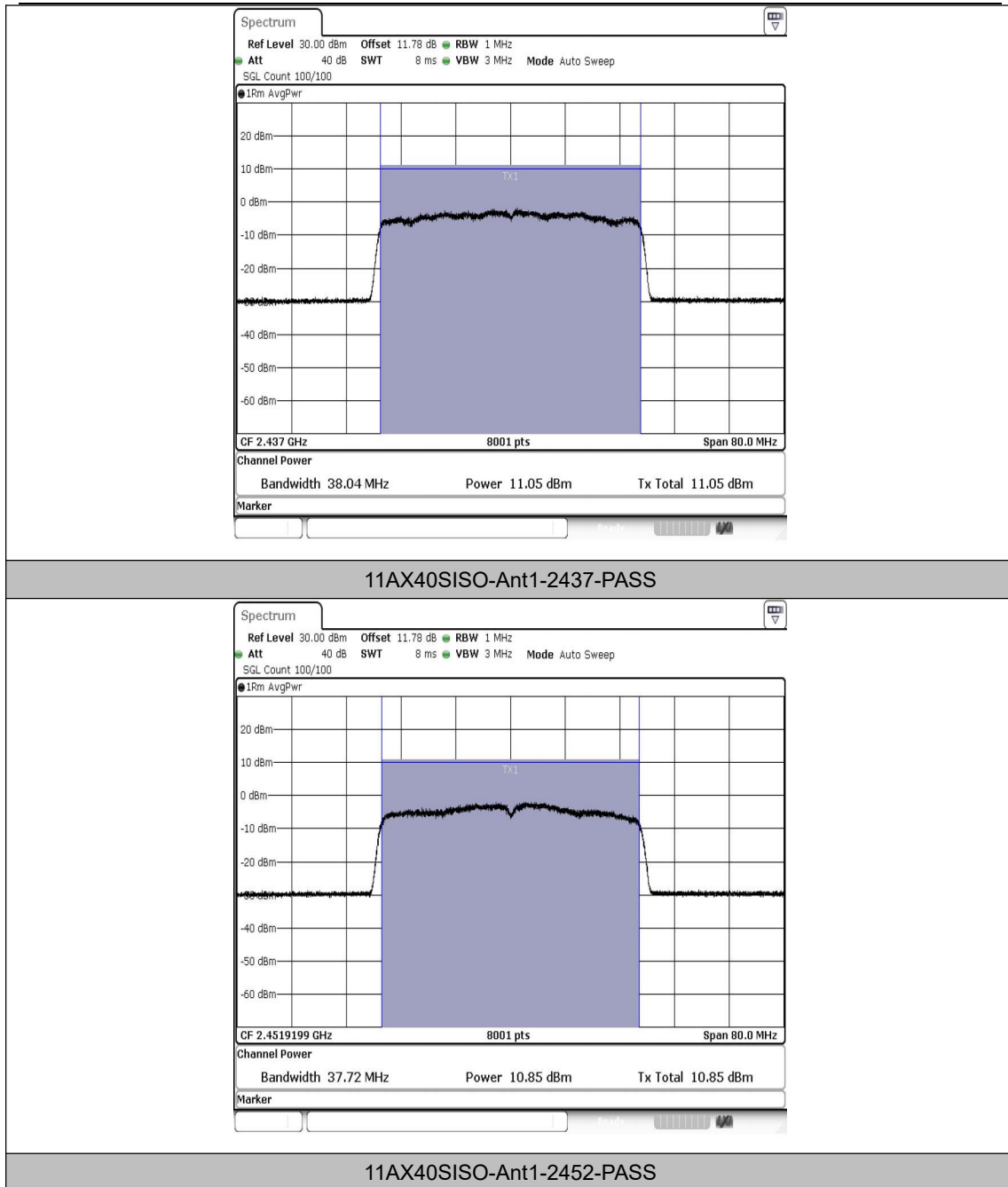




Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Reading Result[dBm/3kHz]	DC Factor [dB]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.53	0.28	-16.25	≤8.00	PASS
11B	Ant1	2437	-17.38	0.20	-17.18	≤8.00	PASS
11B	Ant1	2462	-17.45	0.27	-17.18	≤8.00	PASS
11G	Ant1	2412	-18.71	1.43	-17.28	≤8.00	PASS
11G	Ant1	2437	-20.84	1.43	-19.41	≤8.00	PASS
11G	Ant1	2462	-21.31	1.42	-19.89	≤8.00	PASS
11N20SISO	Ant1	2412	-19.04	1.31	-17.73	≤8.00	PASS
11N20SISO	Ant1	2437	-20.06	1.01	-19.05	≤8.00	PASS
11N20SISO	Ant1	2462	-20.81	1.60	-19.21	≤8.00	PASS
11N40SISO	Ant1	2422	-21.7	2.12	-19.58	≤8.00	PASS
11N40SISO	Ant1	2437	-22.69	2.19	-20.50	≤8.00	PASS
11N40SISO	Ant1	2452	-22.19	2.19	-20.00	≤8.00	PASS
11AX20SISO	Ant1	2412	-18.93	2.03	-16.90	≤8.00	PASS
11AX20SISO	Ant1	2437	-19.26	1.97	-17.29	≤8.00	PASS
11AX20SISO	Ant1	2462	-20.74	1.97	-18.77	≤8.00	PASS
11AX40SISO	Ant1	2422	-23.93	3.01	-20.92	≤8.00	PASS
11AX40SISO	Ant1	2437	-23.76	2.93	-20.83	≤8.00	PASS
11AX40SISO	Ant1	2452	-24.08	2.97	-21.11	≤8.00	PASS



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

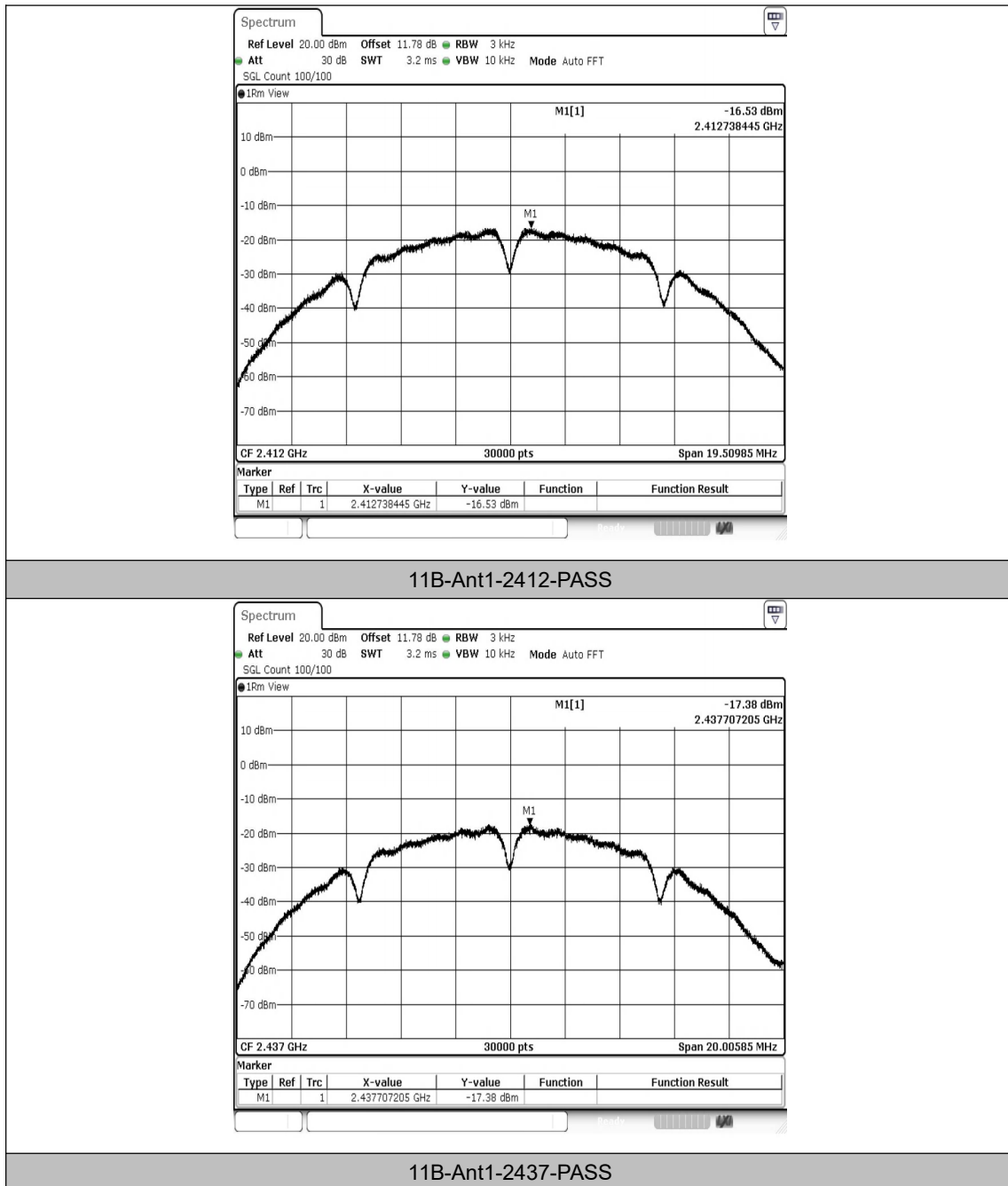
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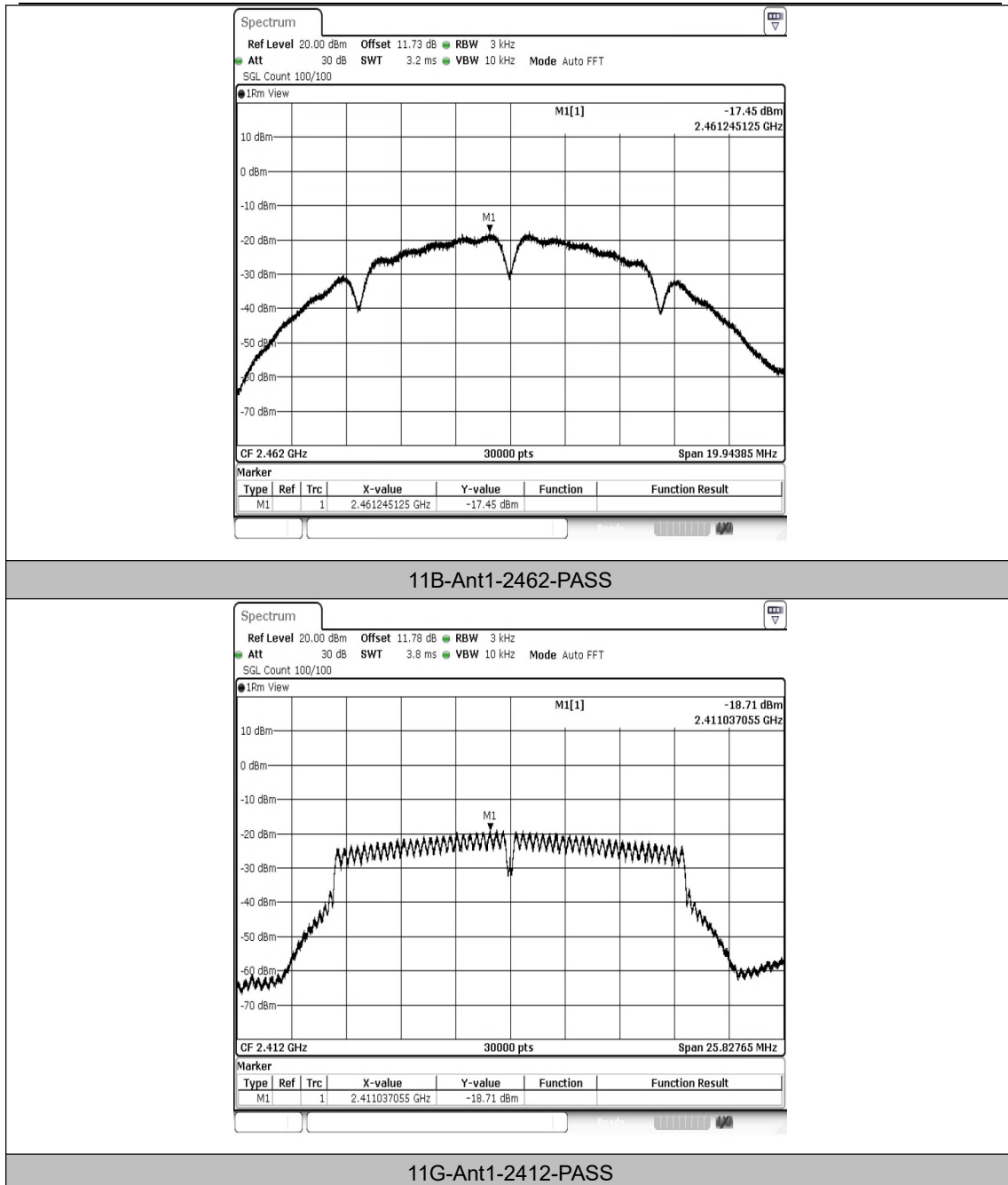
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com

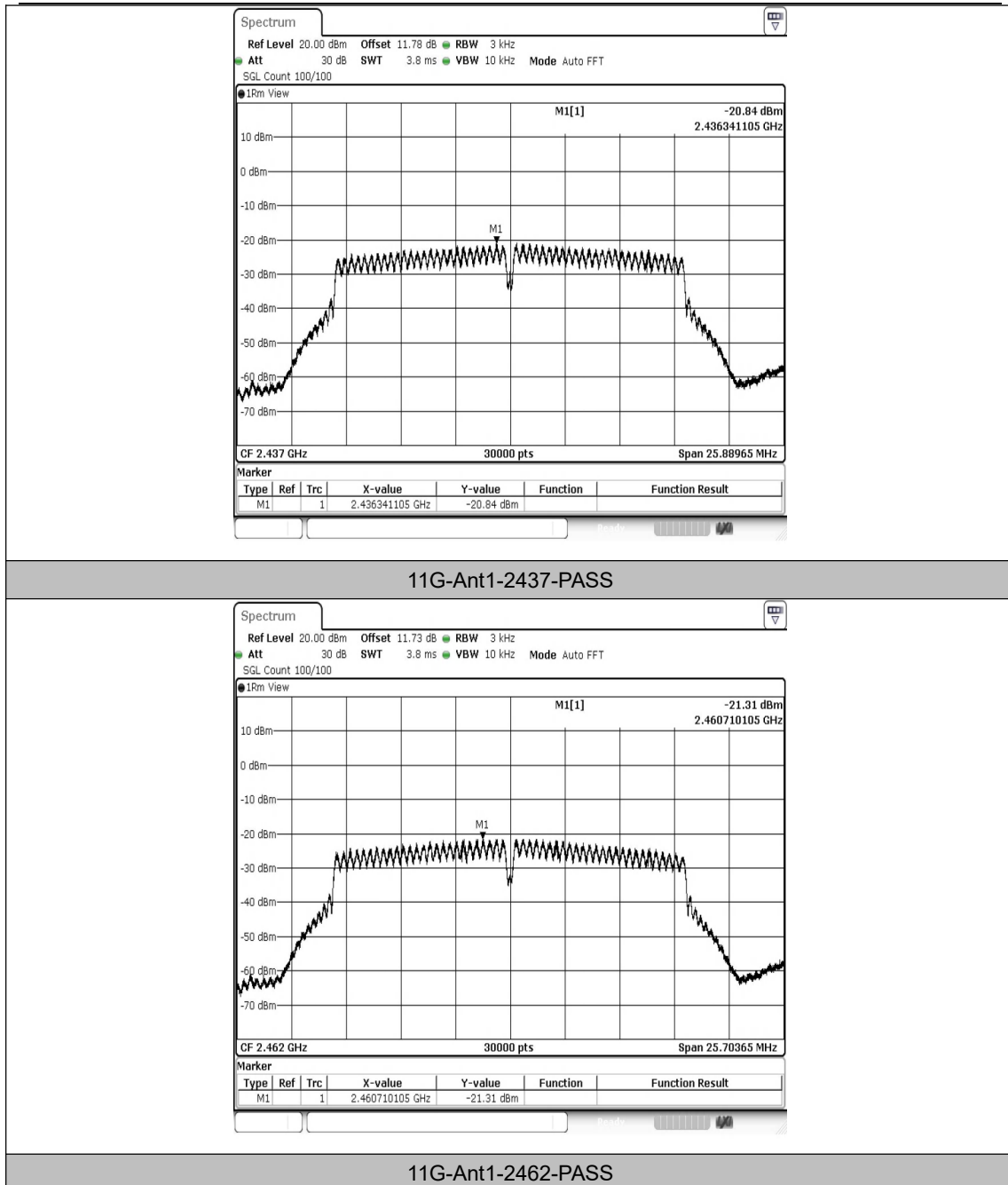
 Hotline
400-003-0500
www.anbotek.com

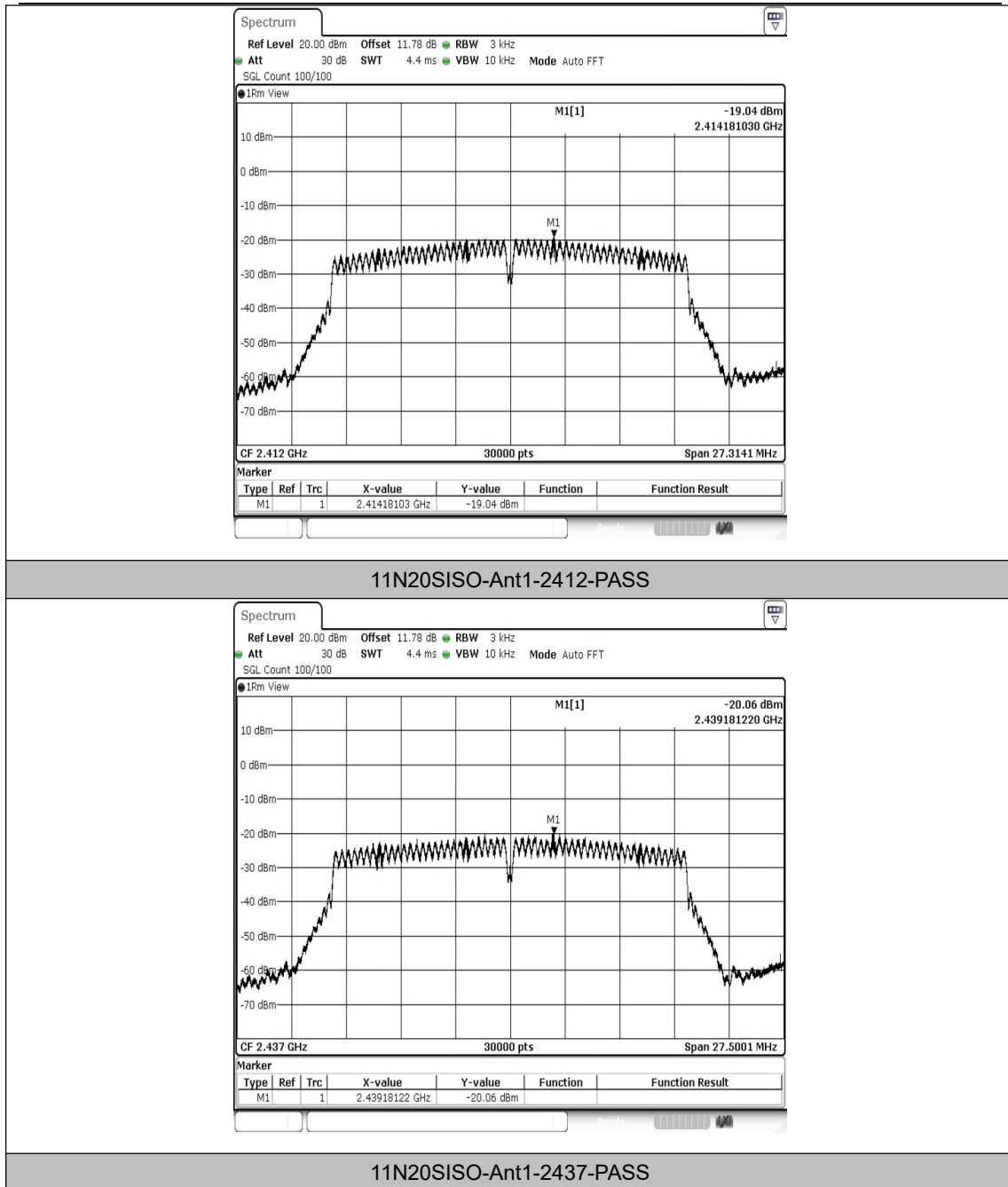


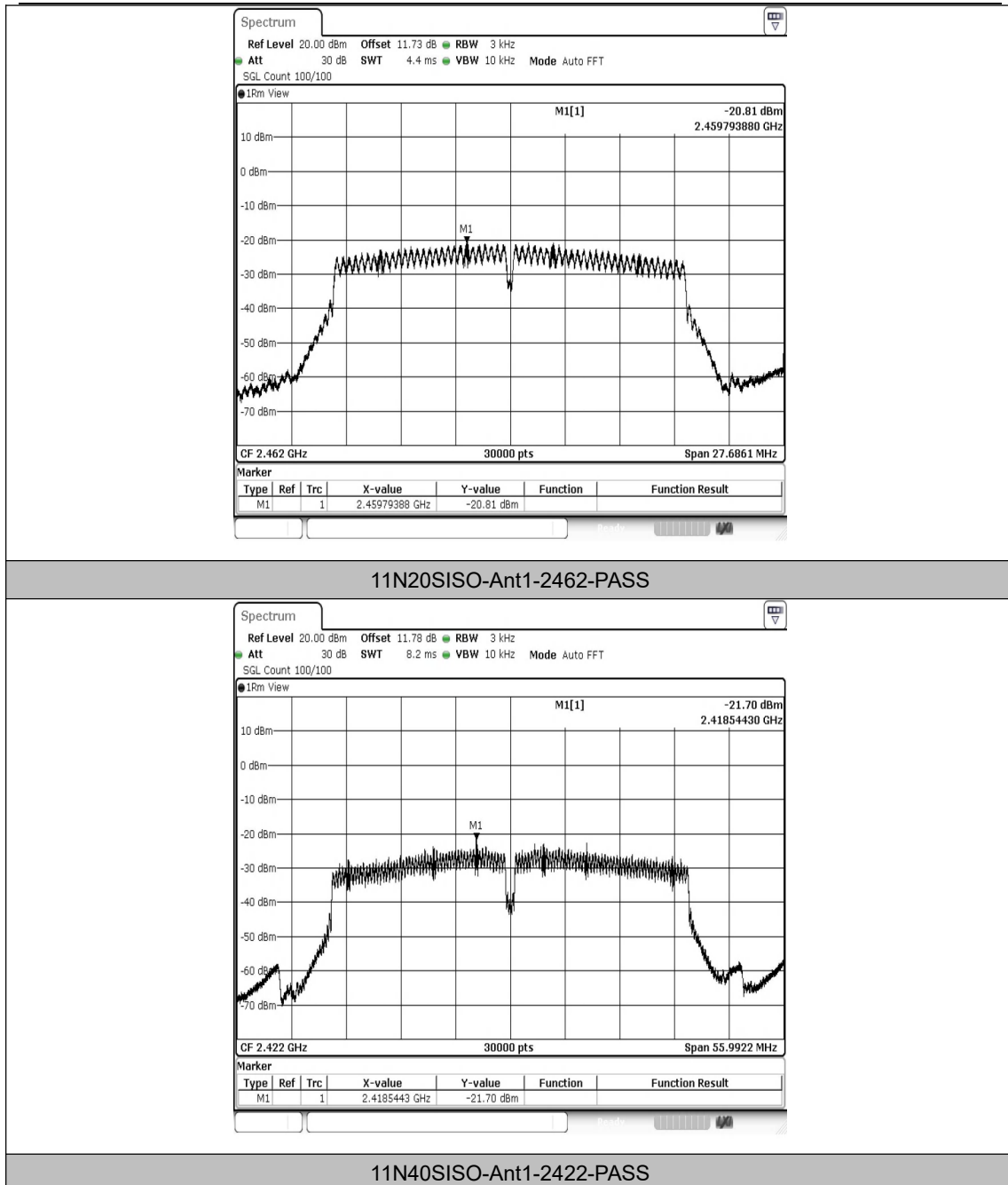
Test Graphs

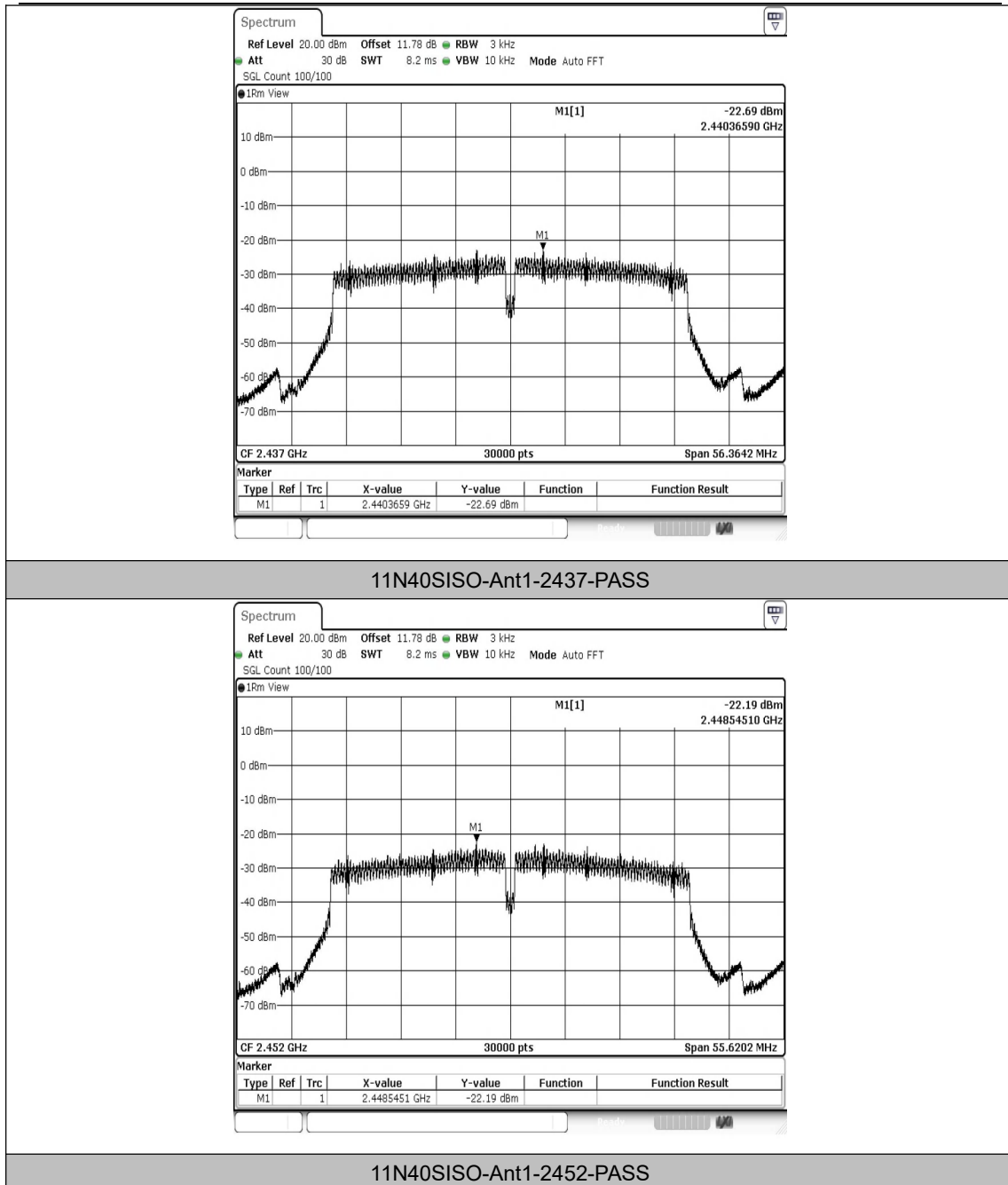


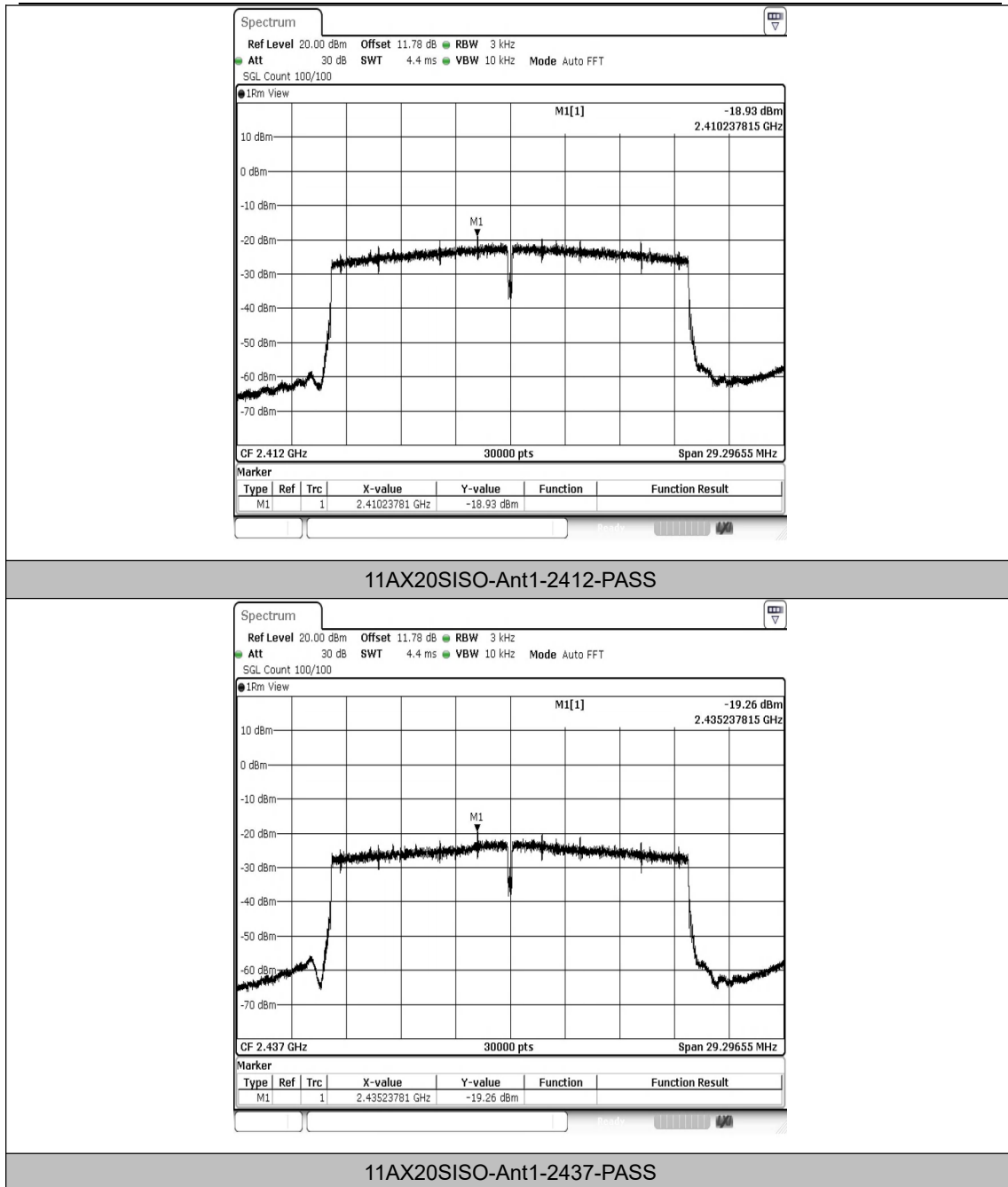


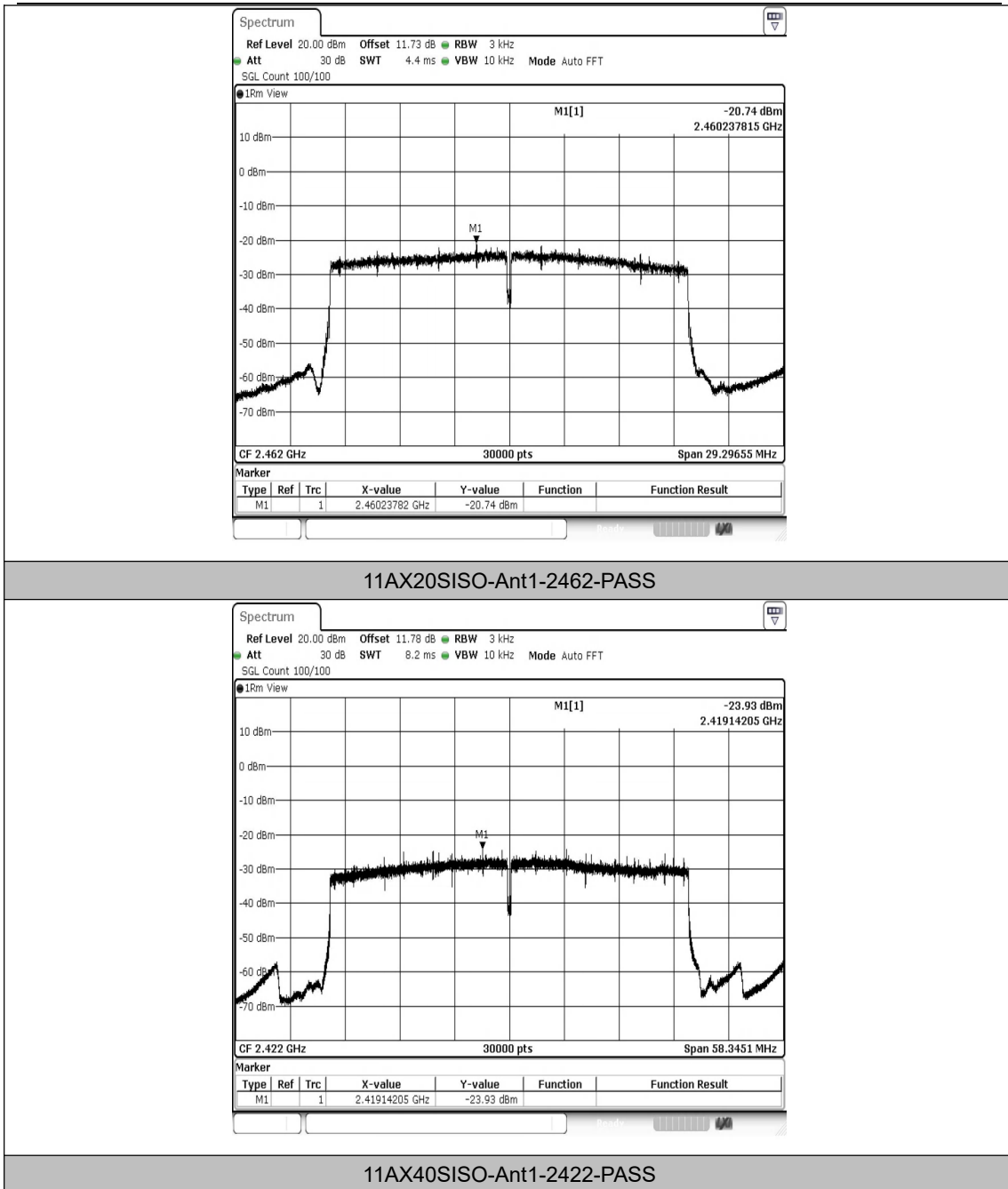


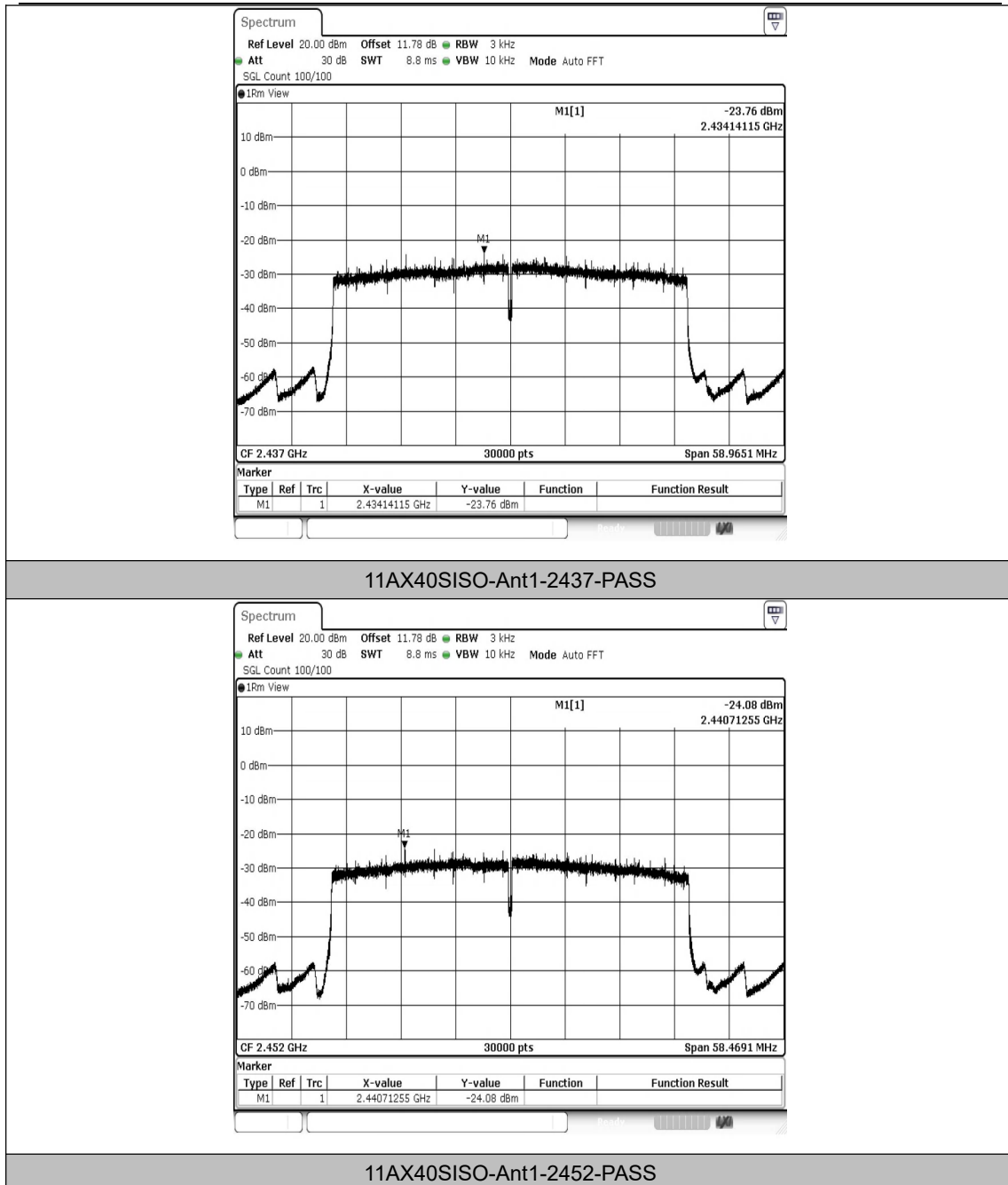












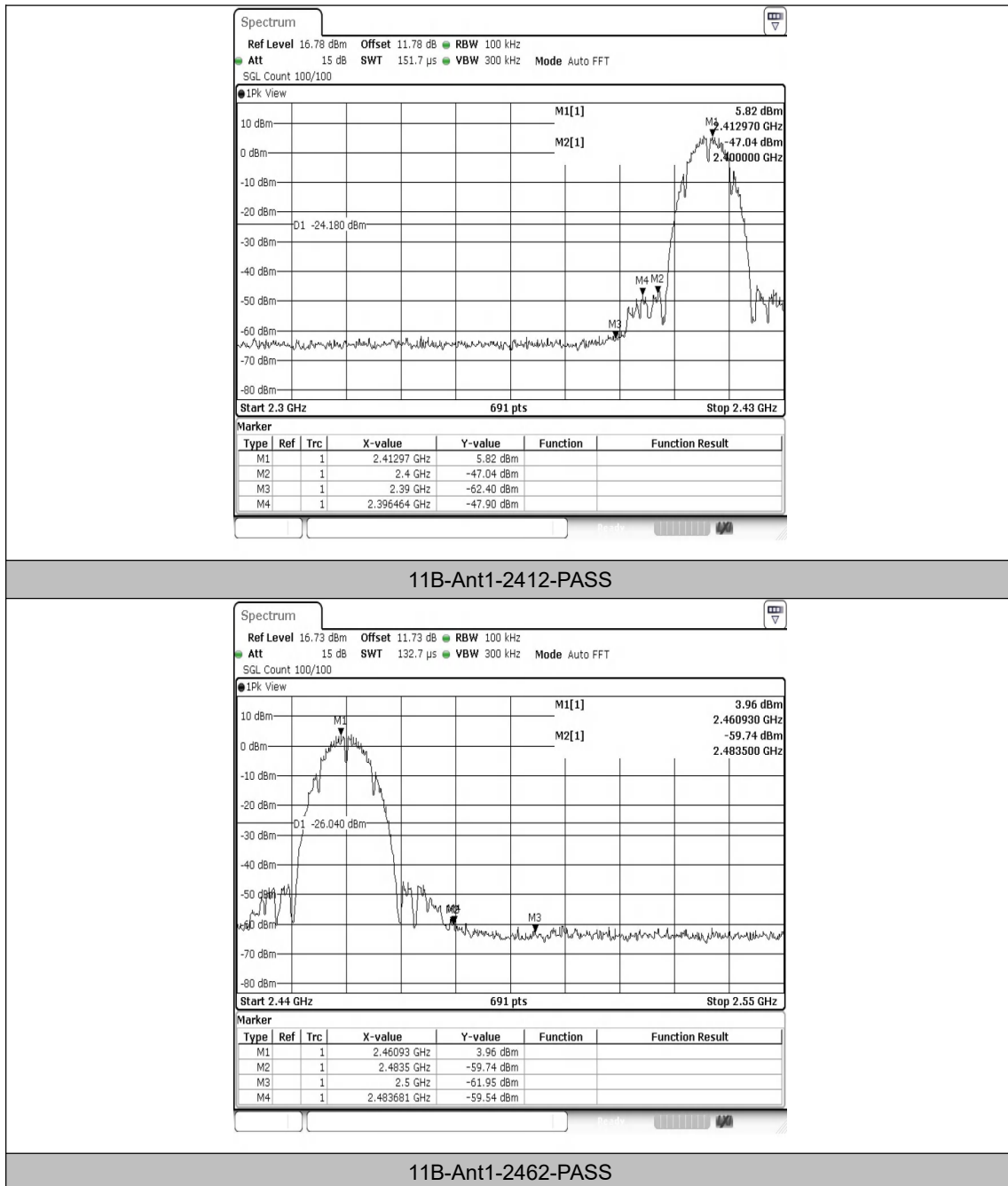
Appendix E: Conducted Band edge

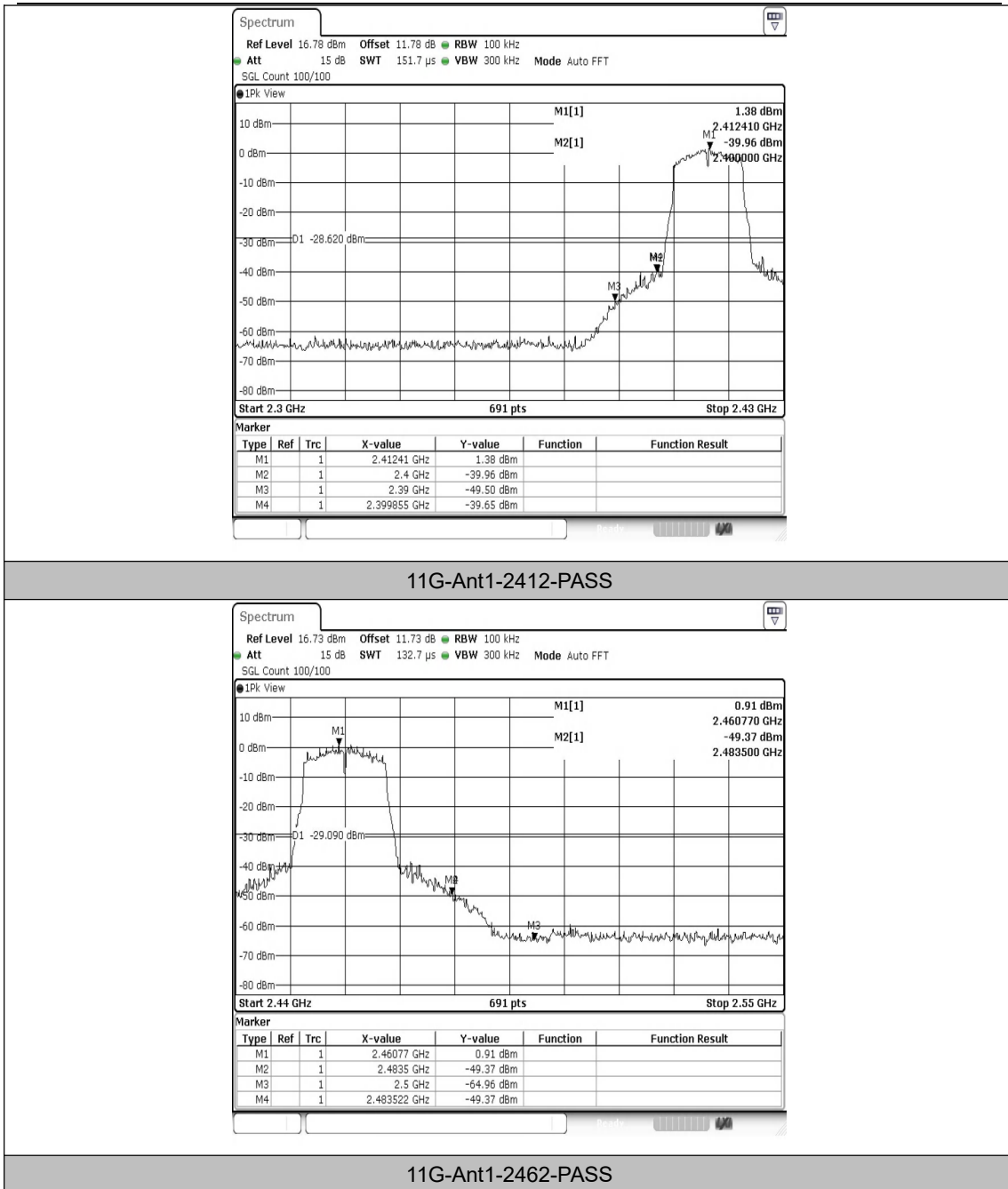
Test Result

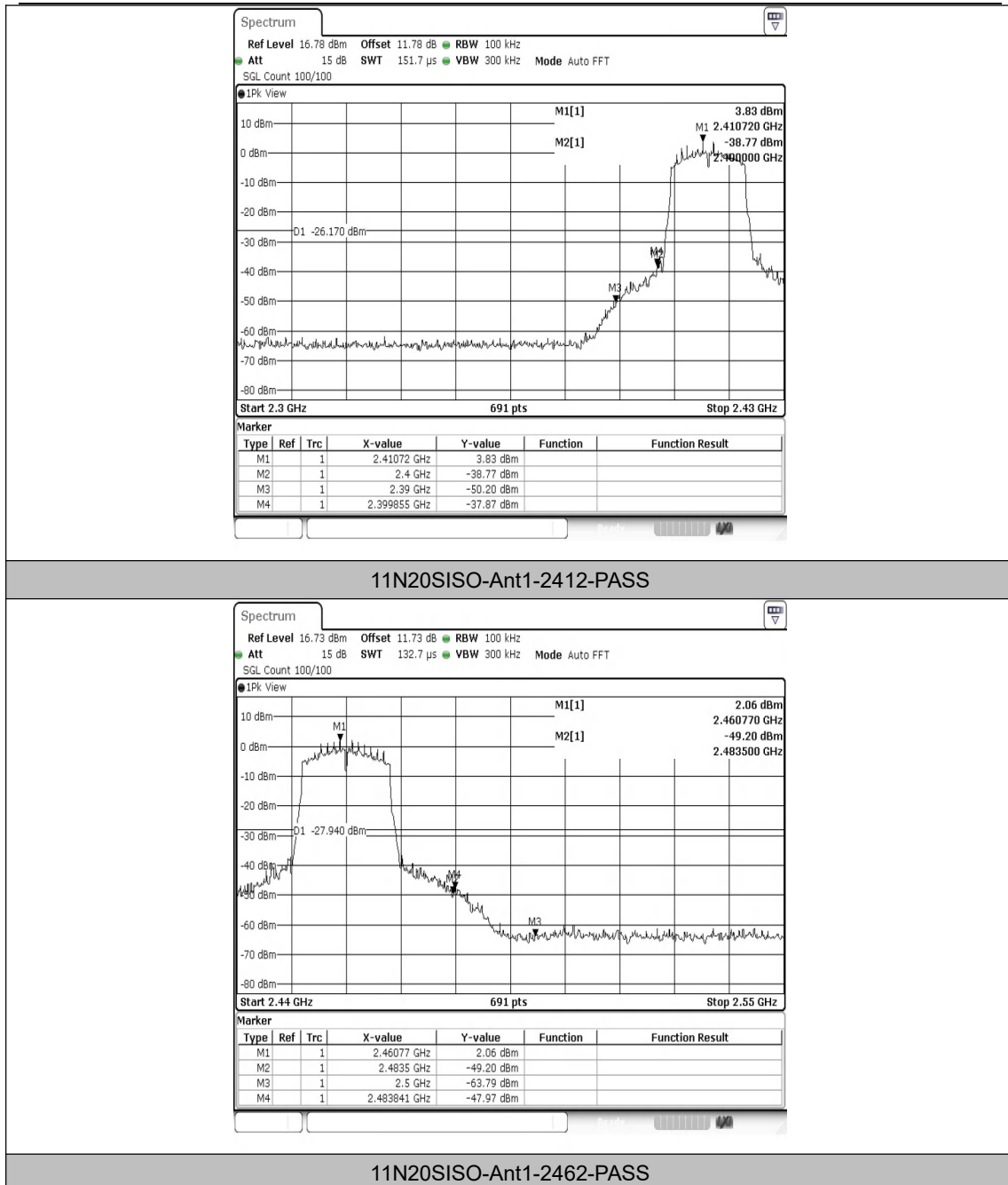
Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.82	-47.9	≤-24.18	PASS
11B	Ant1	High	2462	3.96	-59.54	≤-26.04	PASS
11G	Ant1	Low	2412	1.38	-39.65	≤-28.62	PASS
11G	Ant1	High	2462	0.91	-49.37	≤-29.09	PASS
11N20SISO	Ant1	Low	2412	3.83	-37.87	≤-26.17	PASS
11N20SISO	Ant1	High	2462	2.06	-47.97	≤-27.94	PASS
11N40SISO	Ant1	Low	2422	0.07	-42.42	≤-29.93	PASS
11N40SISO	Ant1	High	2452	-2.16	-39.3	≤-32.16	PASS
11AX20SISO	Ant1	Low	2412	2.50	-38.9	≤-27.5	PASS
11AX20SISO	Ant1	High	2462	0.70	-47.08	≤-29.3	PASS
11AX40SISO	Ant1	Low	2422	-0.36	-44.97	≤-30.36	PASS
11AX40SISO	Ant1	High	2452	-2.78	-42.67	≤-32.78	PASS

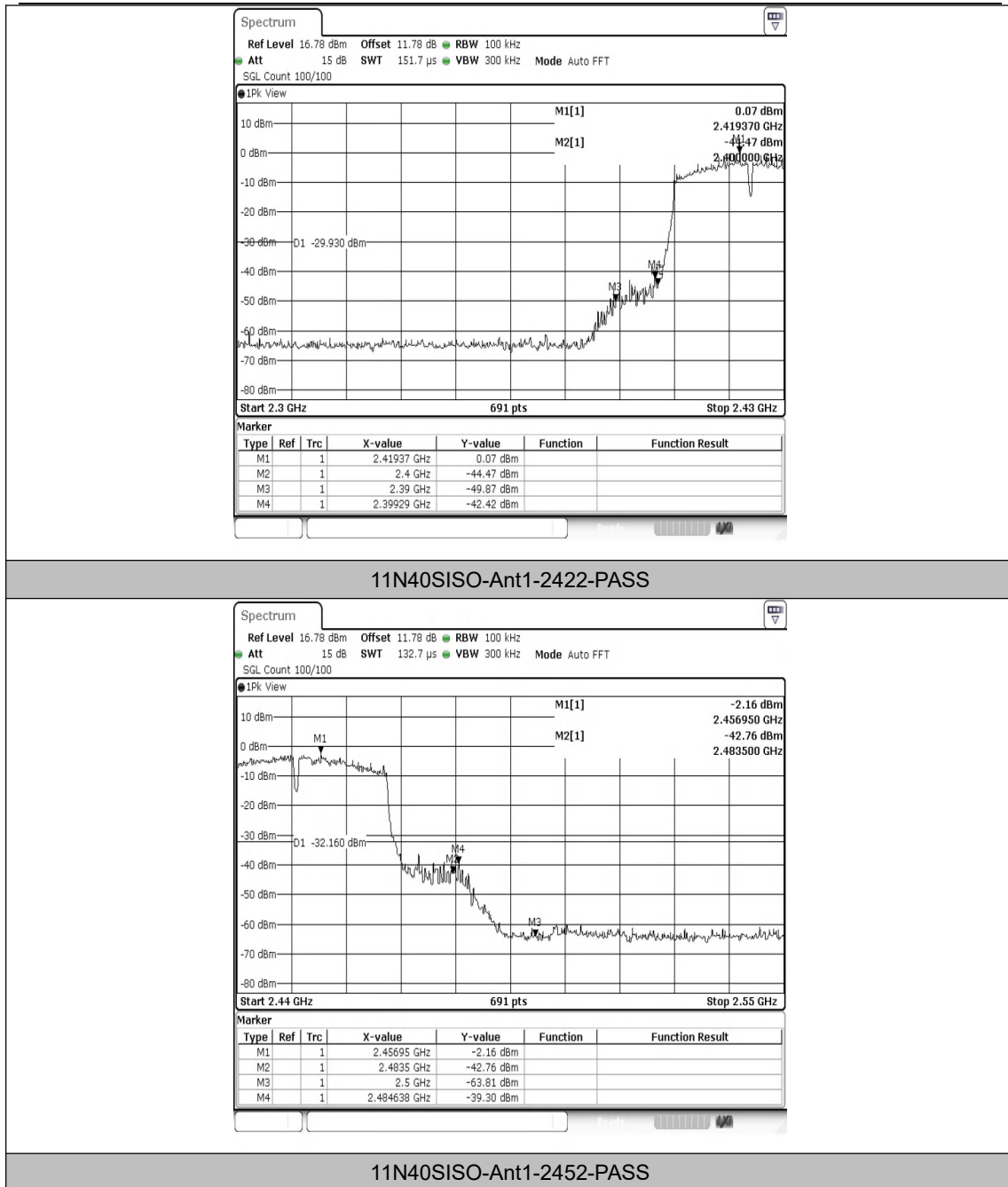


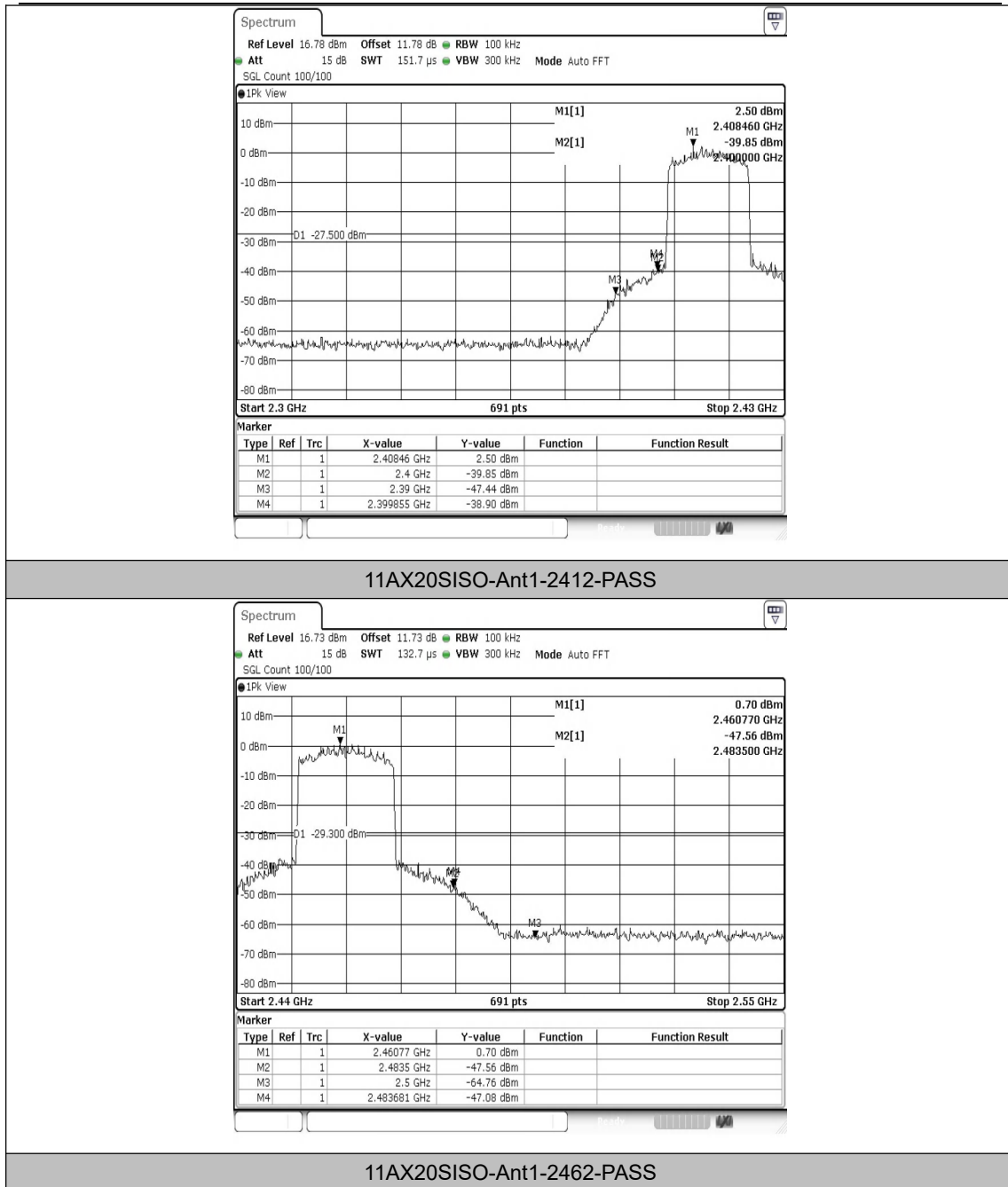
Test Graphs

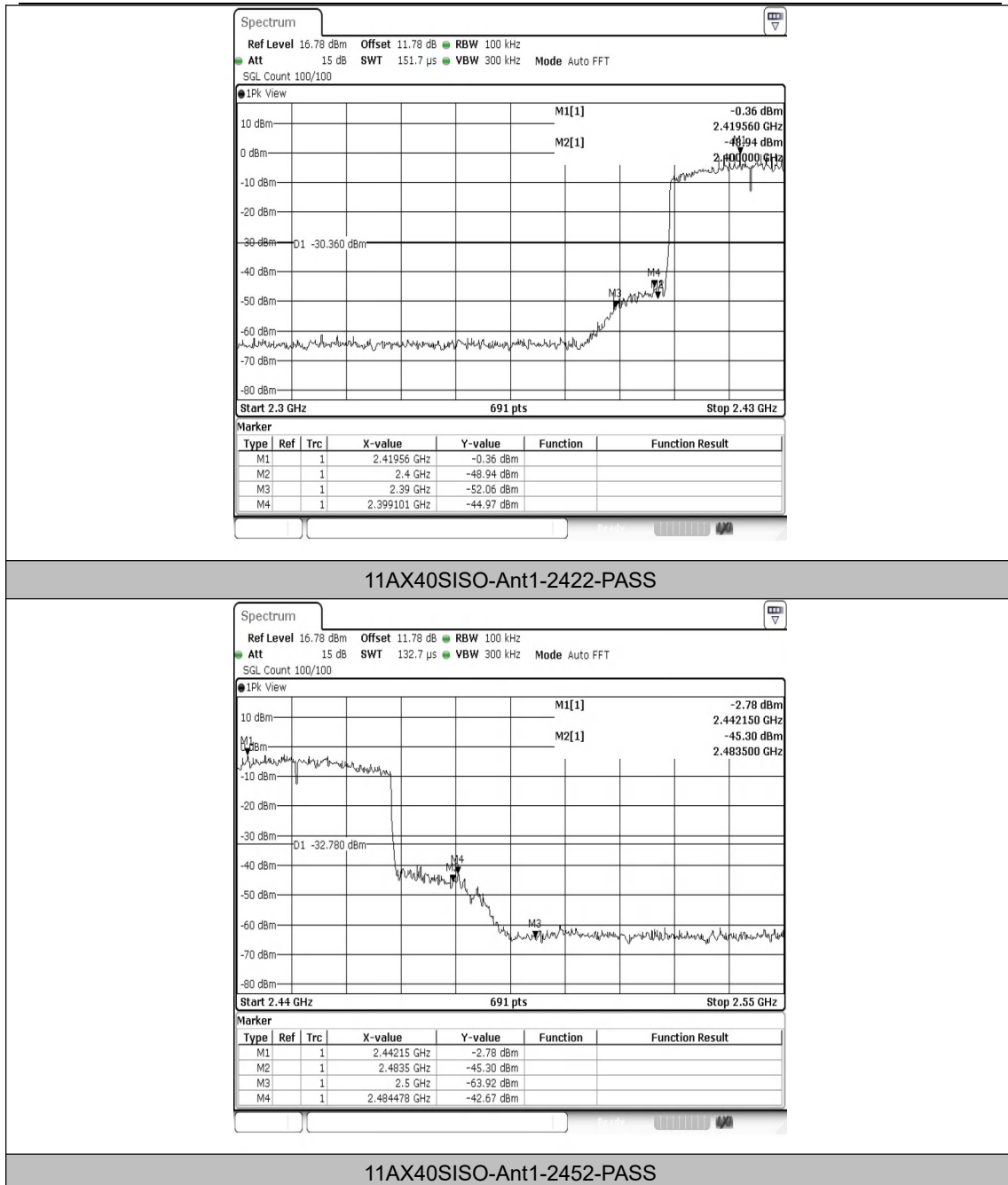












Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	5.18	5.18	---	PASS
11B	Ant1	2412	30~1000	5.18	-57.73	≤-24.82	PASS
11B	Ant1	2412	1000~26500	5.18	-43.01	≤-24.82	PASS
11B	Ant1	2437	0~Reference	2.39	2.39	---	PASS
11B	Ant1	2437	30~1000	2.39	-56.86	≤-27.61	PASS
11B	Ant1	2437	1000~26500	2.39	-44.01	≤-27.61	PASS
11B	Ant1	2462	0~Reference	2.22	2.22	---	PASS
11B	Ant1	2462	30~1000	2.22	-57.65	≤-27.78	PASS
11B	Ant1	2462	1000~26500	2.22	-43.37	≤-27.78	PASS
11G	Ant1	2412	0~Reference	1.43	1.43	---	PASS
11G	Ant1	2412	30~1000	1.43	-57.32	≤-28.57	PASS
11G	Ant1	2412	1000~26500	1.43	-44.05	≤-28.57	PASS
11G	Ant1	2437	0~Reference	0.02	0.02	---	PASS
11G	Ant1	2437	30~1000	0.02	-57.67	≤-29.98	PASS
11G	Ant1	2437	1000~26500	0.02	-43.9	≤-29.98	PASS
11G	Ant1	2462	0~Reference	2.49	2.49	---	PASS
11G	Ant1	2462	30~1000	2.49	-58.05	≤-27.51	PASS
11G	Ant1	2462	1000~26500	2.49	-43.56	≤-27.51	PASS
11N20SISO	Ant1	2412	0~Reference	0.21	0.21	---	PASS
11N20SISO	Ant1	2412	30~1000	0.21	-57.87	≤-29.79	PASS
11N20SISO	Ant1	2412	1000~26500	0.21	-43.96	≤-29.79	PASS
11N20SISO	Ant1	2437	0~Reference	2.84	2.84	---	PASS
11N20SISO	Ant1	2437	30~1000	2.84	-58.39	≤-27.16	PASS
11N20SISO	Ant1	2437	1000~26500	2.84	-44.48	≤-27.16	PASS
11N20SISO	Ant1	2462	0~Reference	-2.13	-2.13	---	PASS
11N20SISO	Ant1	2462	30~1000	-2.13	-57.98	≤-32.13	PASS
11N20SISO	Ant1	2462	1000~26500	-2.13	-44.07	≤-32.13	PASS
11N40SISO	Ant1	2422	0~Reference	-3.35	-3.35	---	PASS
11N40SISO	Ant1	2422	30~1000	-3.35	-58.33	≤-33.35	PASS
11N40SISO	Ant1	2422	1000~26500	-3.35	-43.61	≤-33.35	PASS
11N40SISO	Ant1	2437	0~Reference	-2.62	-2.62	---	PASS
11N40SISO	Ant1	2437	30~1000	-2.62	-58.4	≤-32.62	PASS
11N40SISO	Ant1	2437	1000~26500	-2.62	-44	≤-32.62	PASS
11N40SISO	Ant1	2452	0~Reference	-3.73	-3.73	---	PASS
11N40SISO	Ant1	2452	30~1000	-3.73	-57.99	≤-33.73	PASS
11N40SISO	Ant1	2452	1000~26500	-3.73	-43.61	≤-33.73	PASS

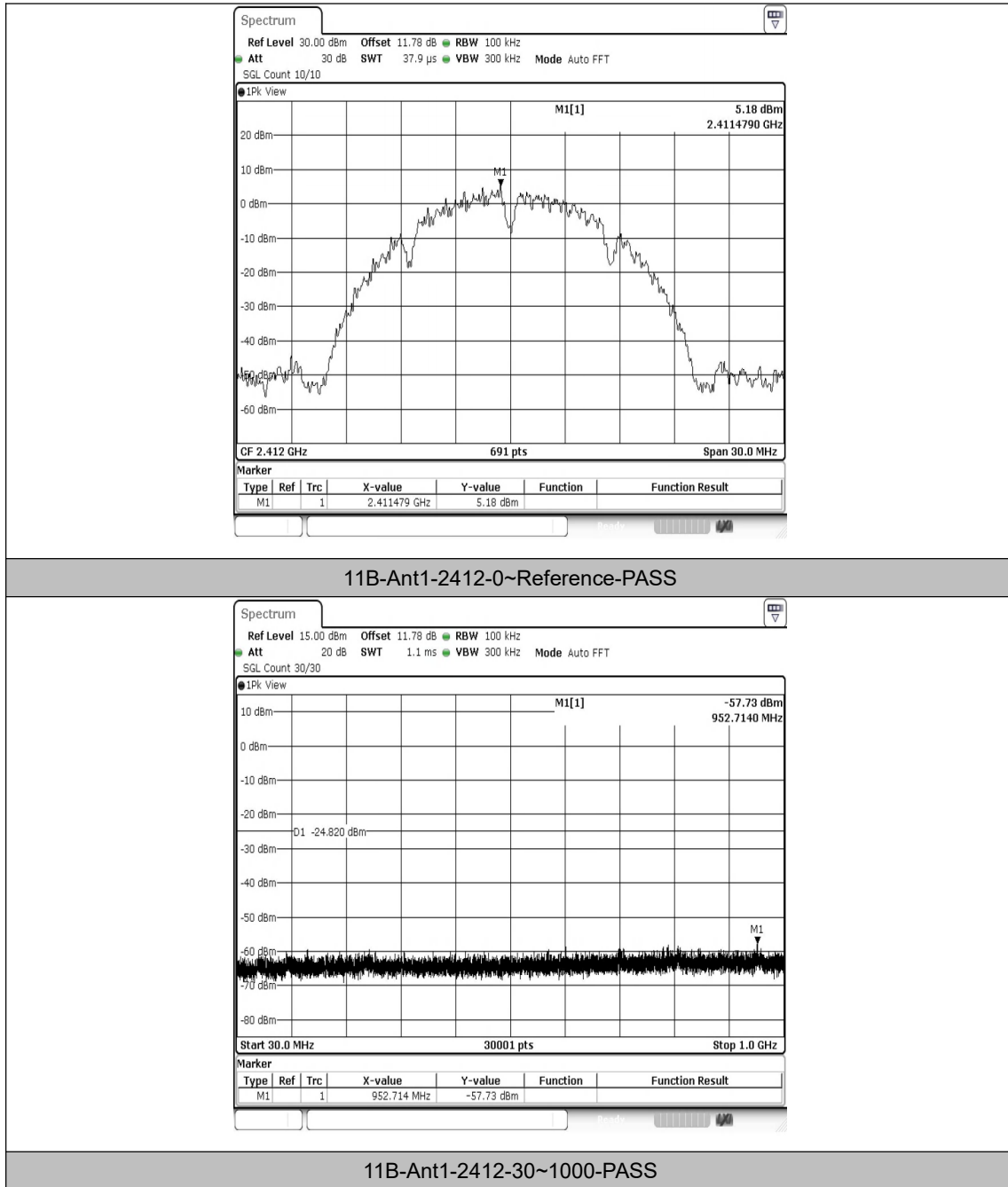
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11AX20SISO	Ant1	2412	0~Reference	-0.75	-0.75	---	PASS
11AX20SISO	Ant1	2412	30~1000	-0.75	-57.95	≤-30.75	PASS
11AX20SISO	Ant1	2412	1000~26500	-0.75	-43.91	≤-30.75	PASS
11AX20SISO	Ant1	2437	0~Reference	-1.91	-1.91	---	PASS
11AX20SISO	Ant1	2437	30~1000	-1.91	-57.01	≤-31.91	PASS
11AX20SISO	Ant1	2437	1000~26500	-1.91	-43.59	≤-31.91	PASS
11AX20SISO	Ant1	2462	0~Reference	-1.72	-1.72	---	PASS
11AX20SISO	Ant1	2462	30~1000	-1.72	-57.49	≤-31.72	PASS
11AX20SISO	Ant1	2462	1000~26500	-1.72	-43.77	≤-31.72	PASS
11AX40SISO	Ant1	2422	0~Reference	-3.90	-3.90	---	PASS
11AX40SISO	Ant1	2422	30~1000	-3.90	-57.28	≤-33.9	PASS
11AX40SISO	Ant1	2422	1000~26500	-3.90	-42.71	≤-33.9	PASS
11AX40SISO	Ant1	2437	0~Reference	-3.62	-3.62	---	PASS
11AX40SISO	Ant1	2437	30~1000	-3.62	-58.51	≤-33.62	PASS
11AX40SISO	Ant1	2437	1000~26500	-3.62	-43.99	≤-33.62	PASS
11AX40SISO	Ant1	2452	0~Reference	-2.39	-2.39	---	PASS
11AX40SISO	Ant1	2452	30~1000	-2.39	-57.77	≤-32.39	PASS
11AX40SISO	Ant1	2452	1000~26500	-2.39	-44.2	≤-32.39	PASS



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



