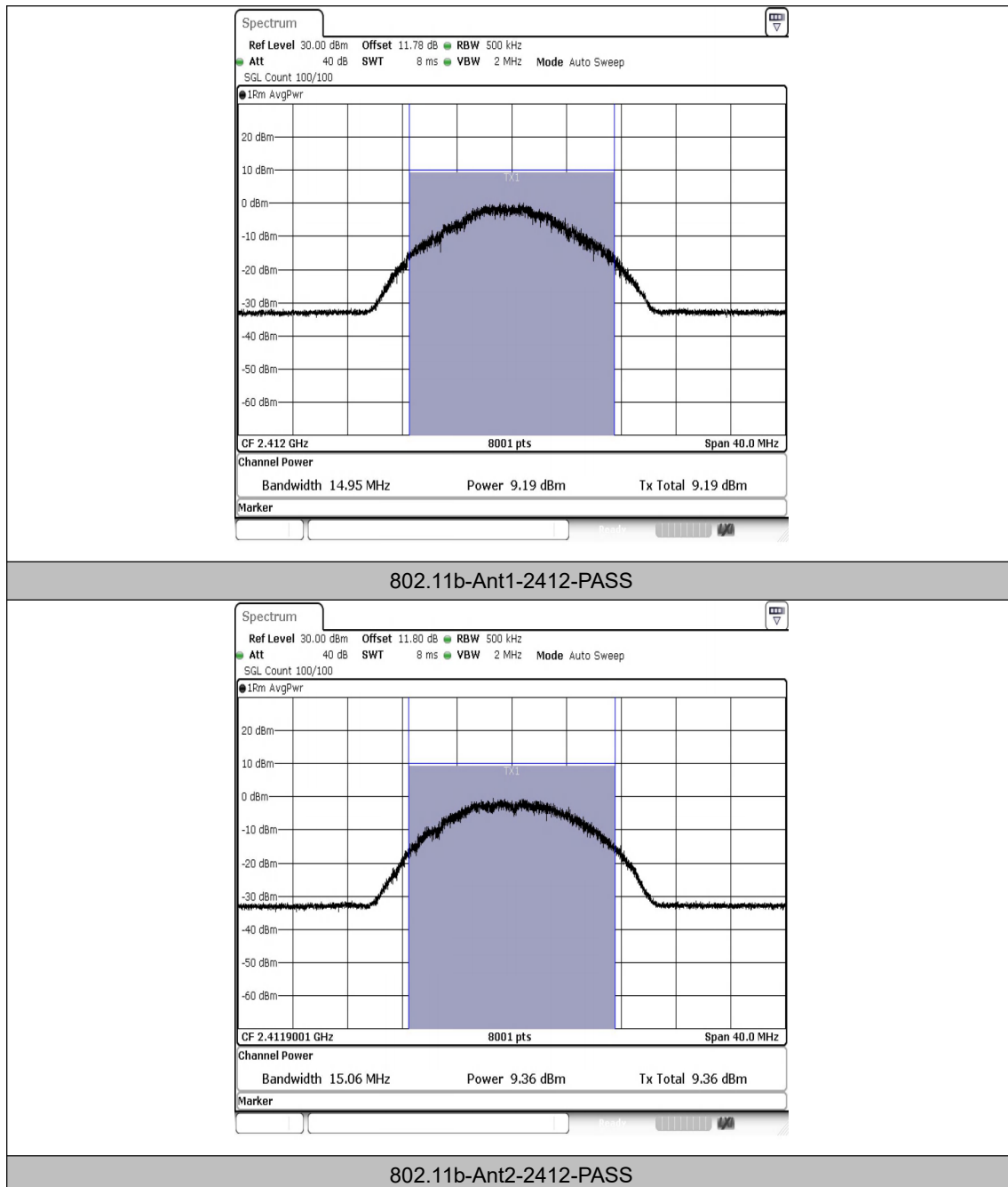


Test Graphs Average

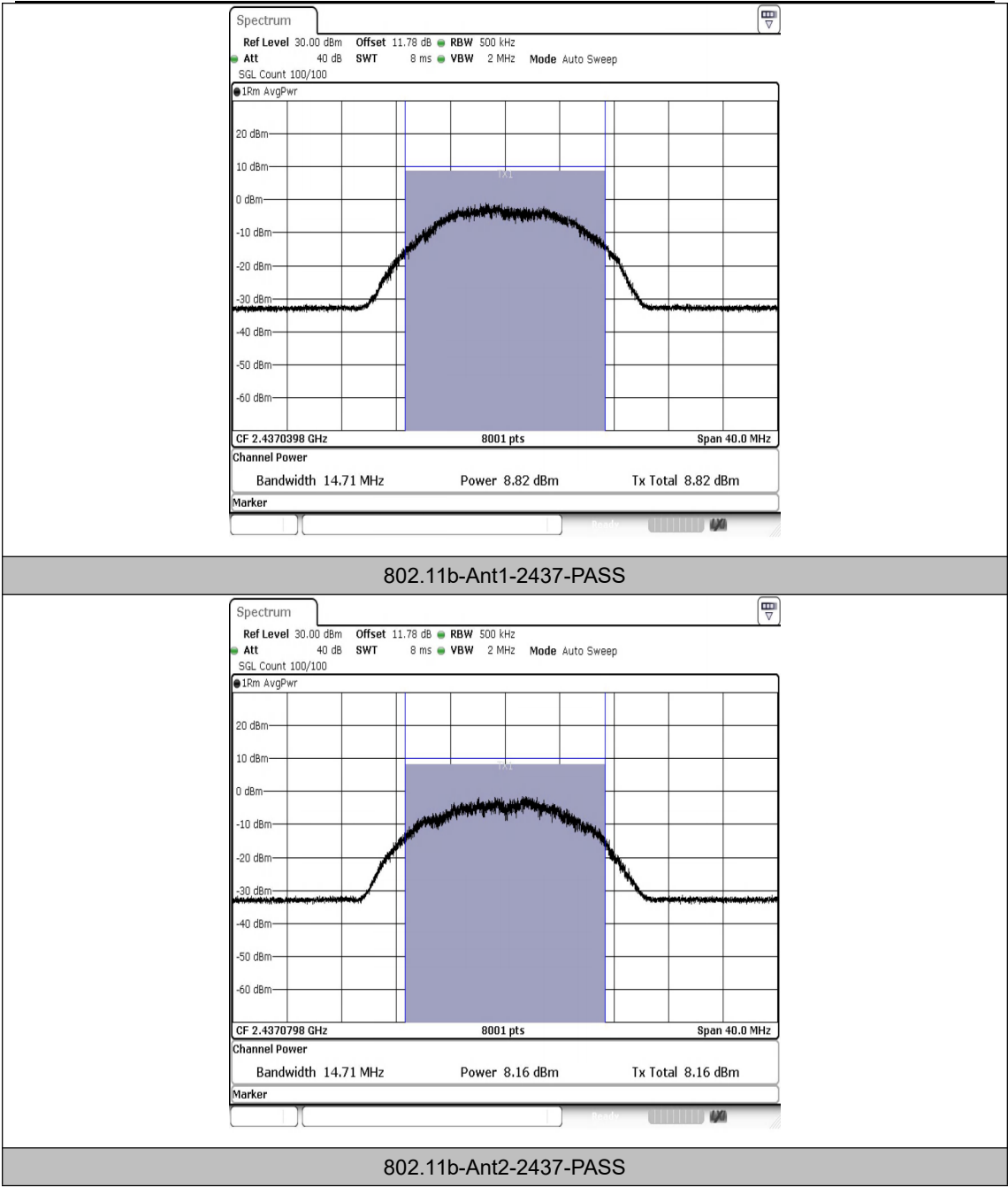


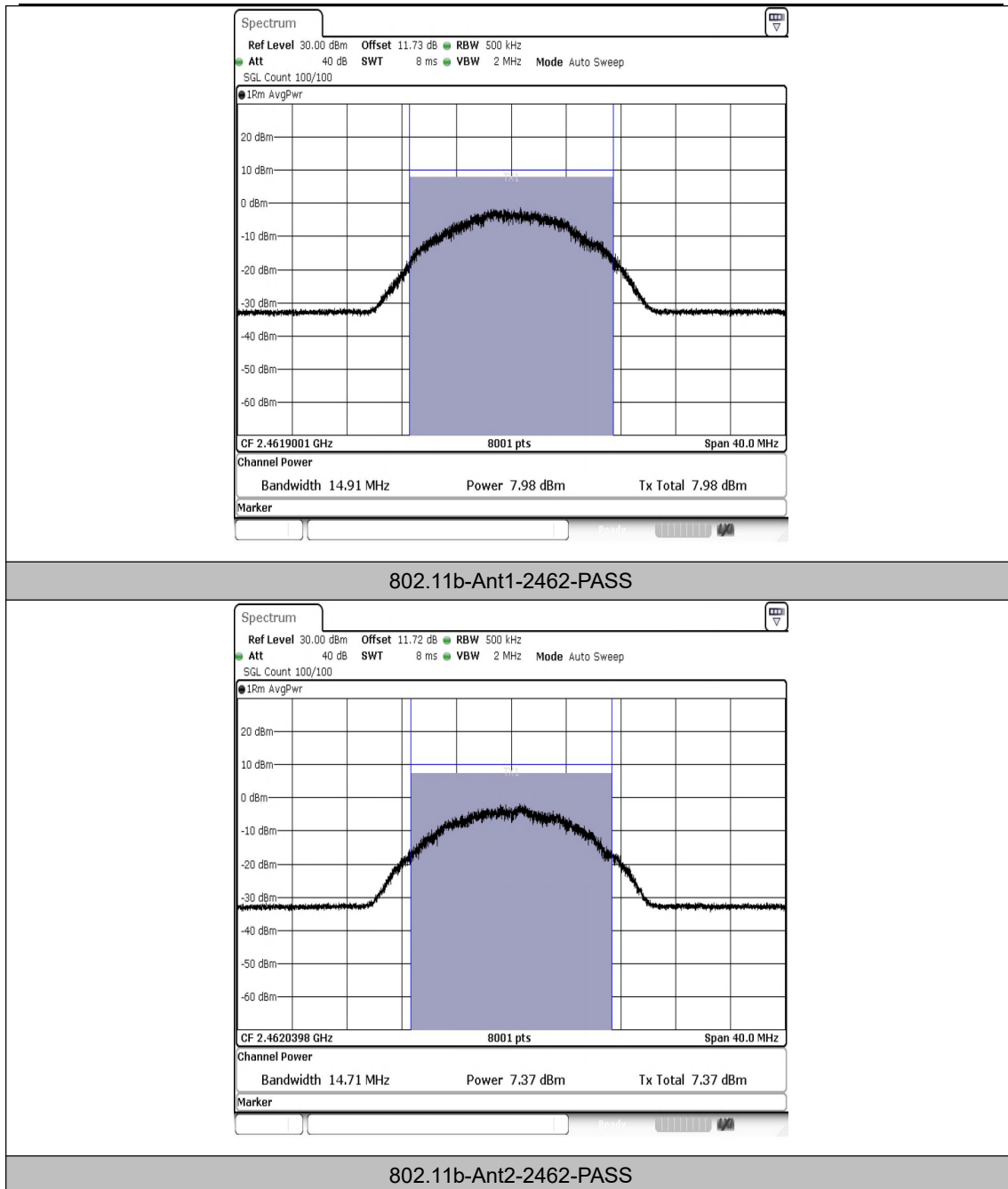
Shenzhen Anbotek Compliance Laboratory Limited

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





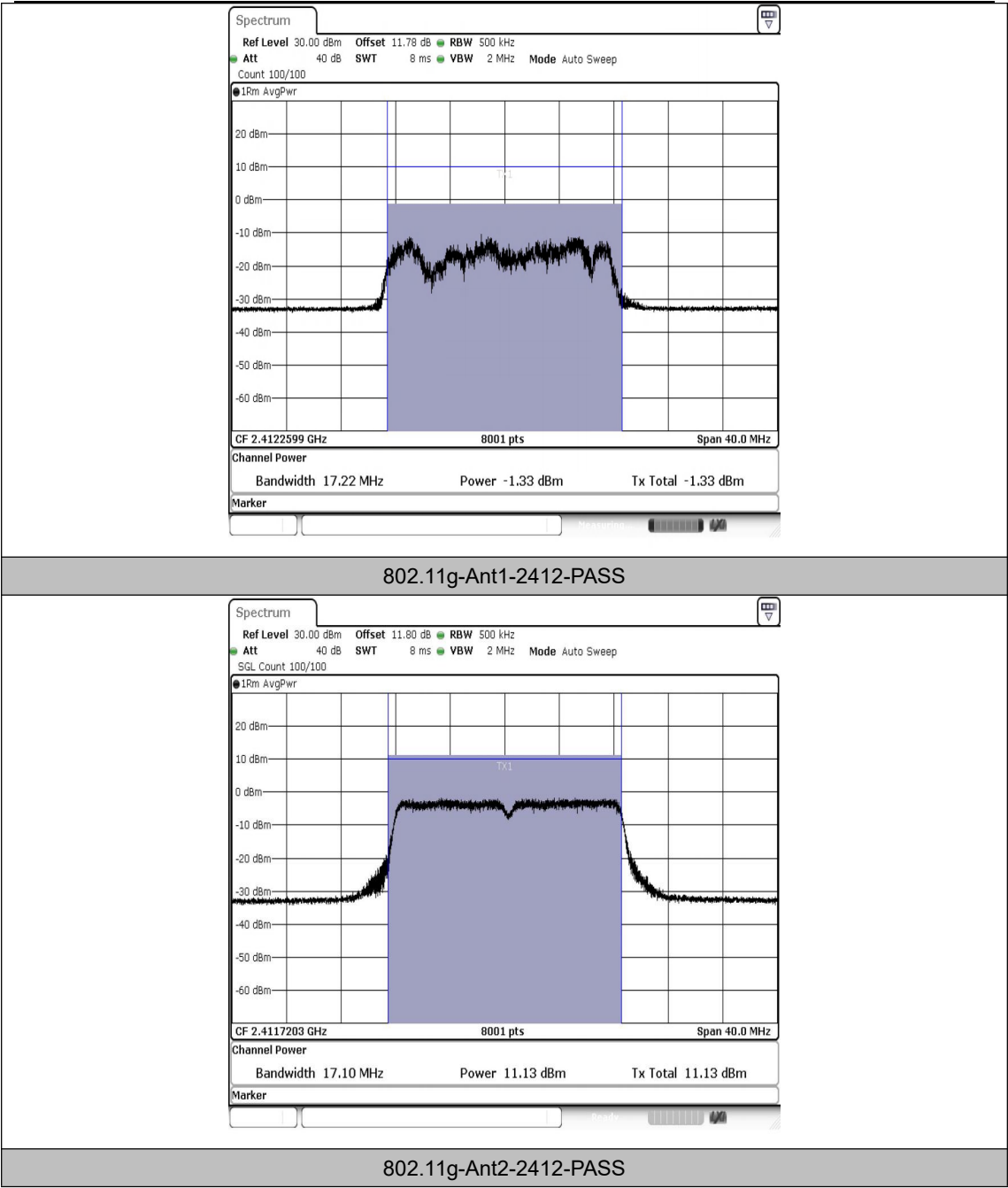


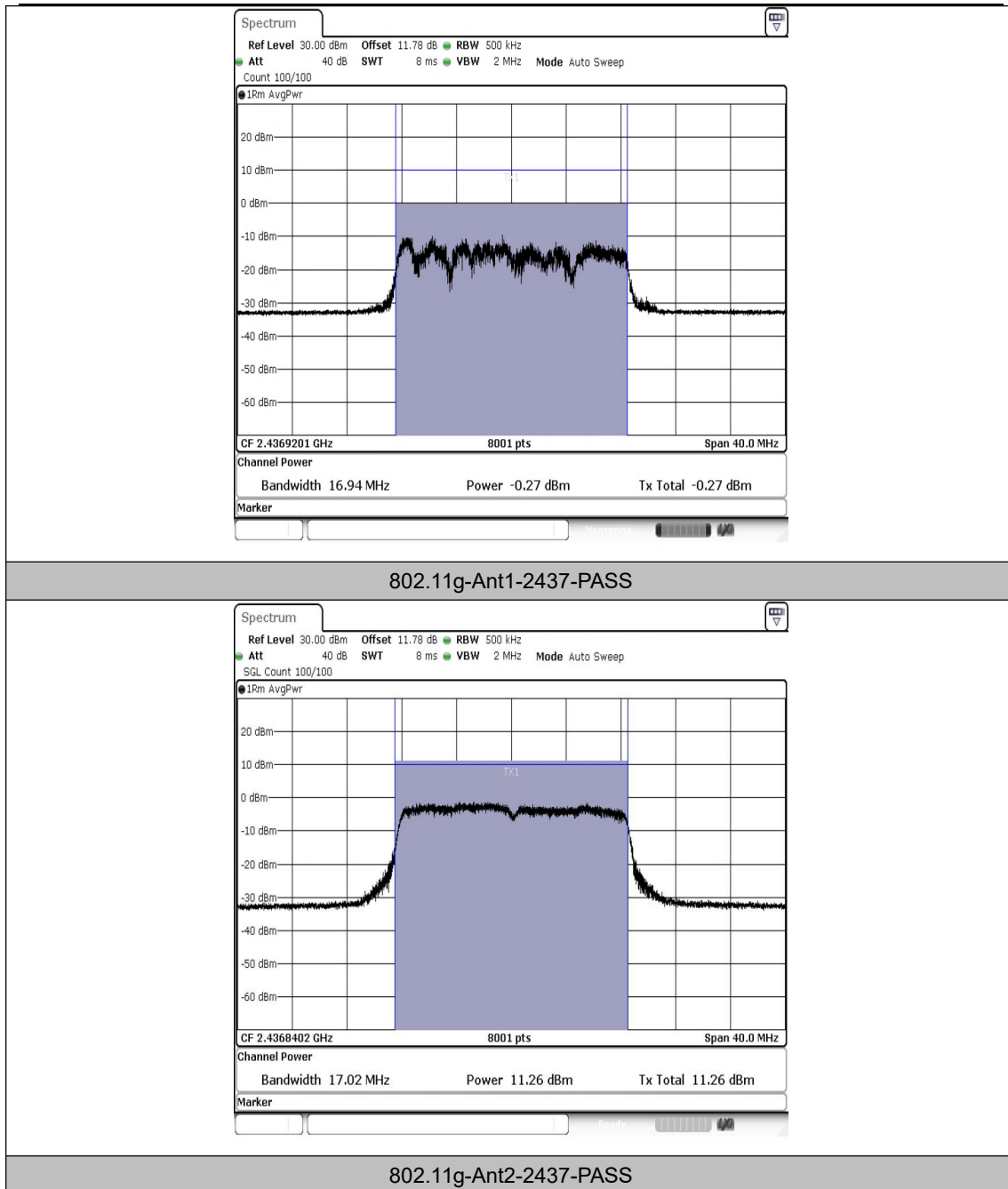
Shenzhen Anbotek Compliance Laboratory Limited

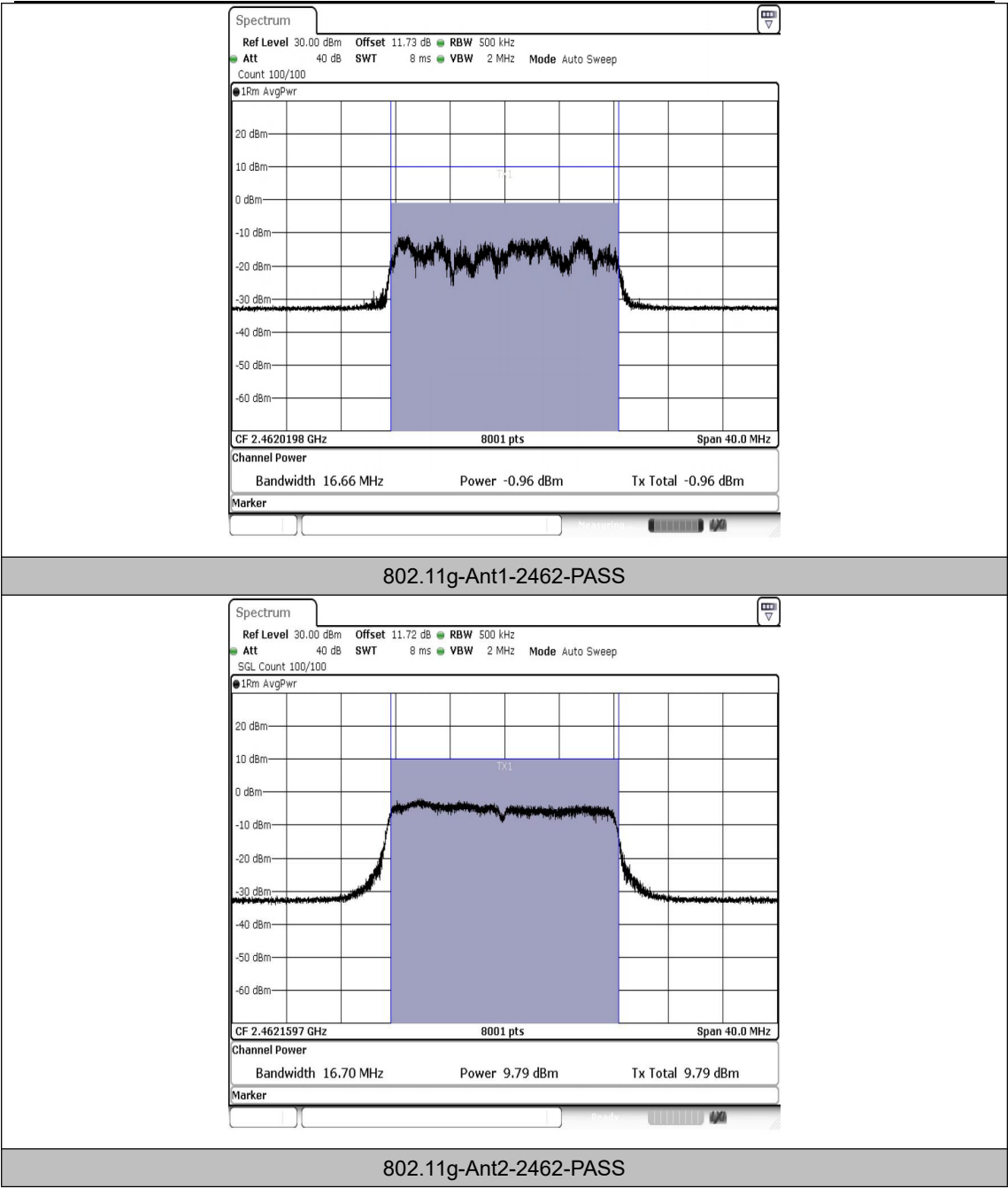
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotek.com

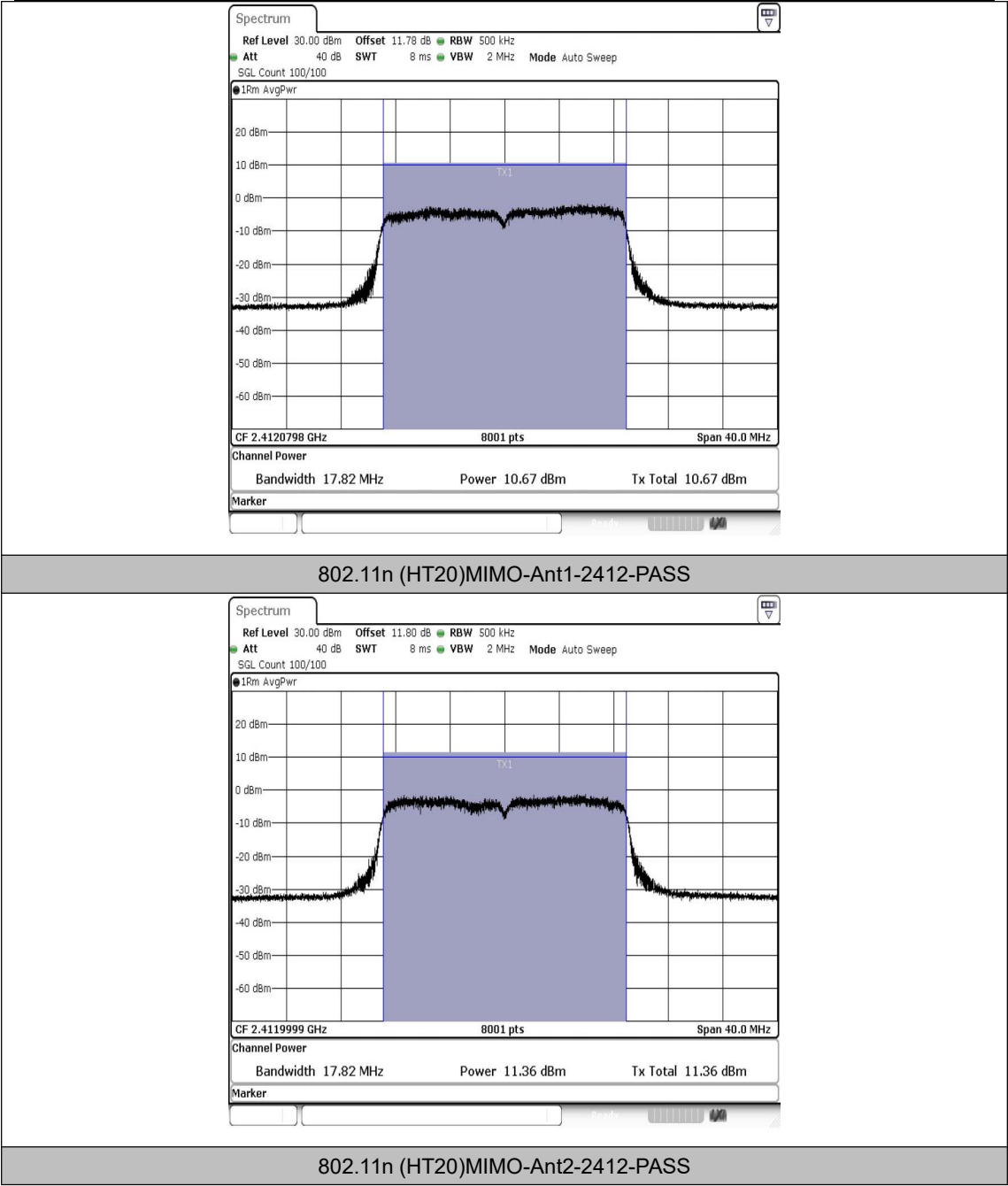
Hotline
400-003-0500
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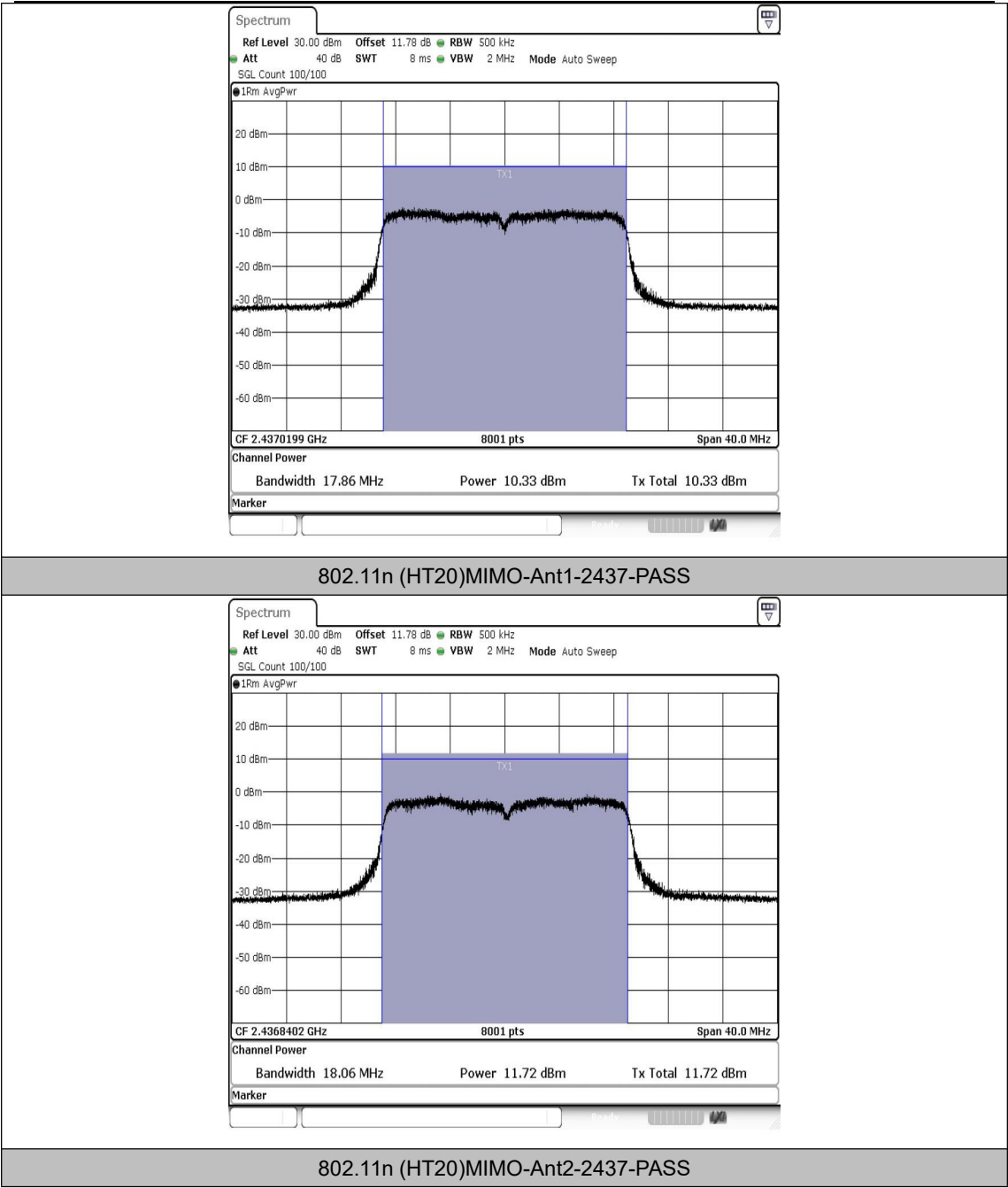


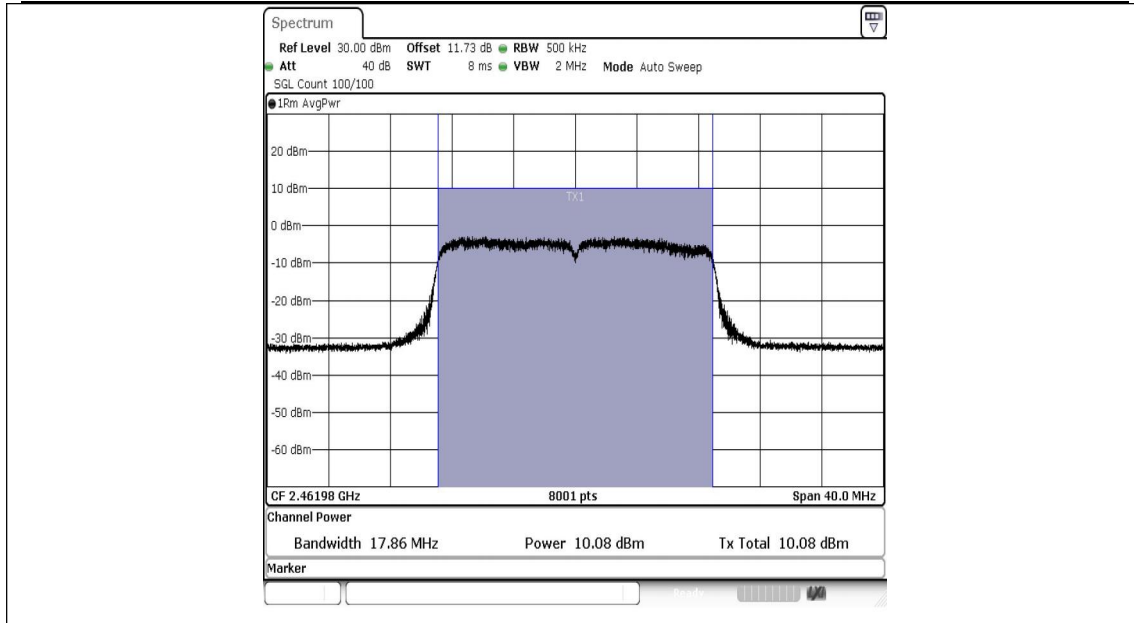




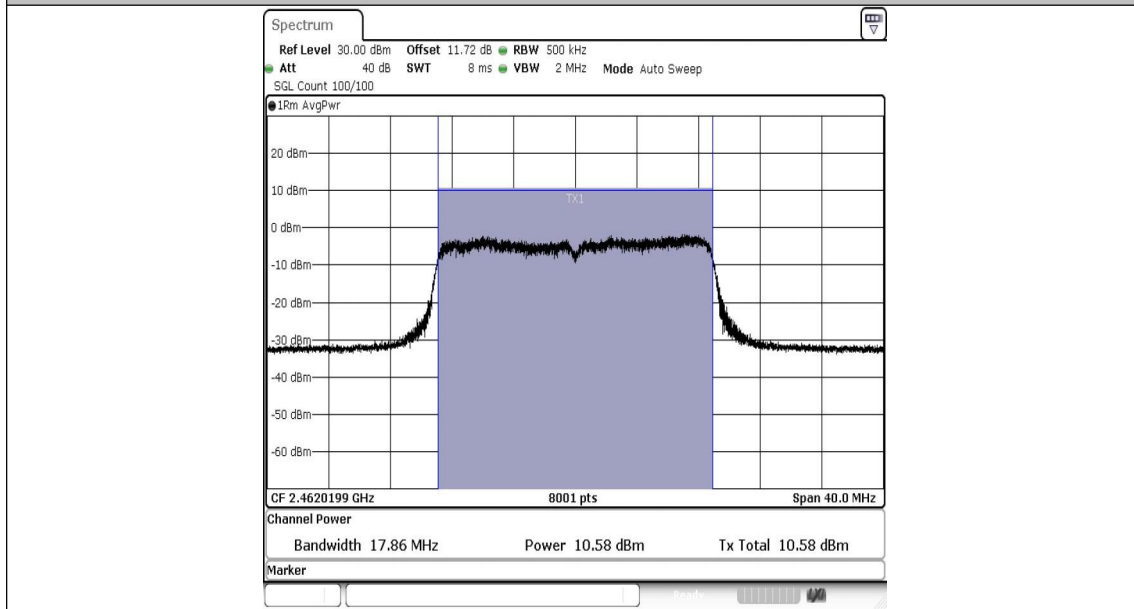






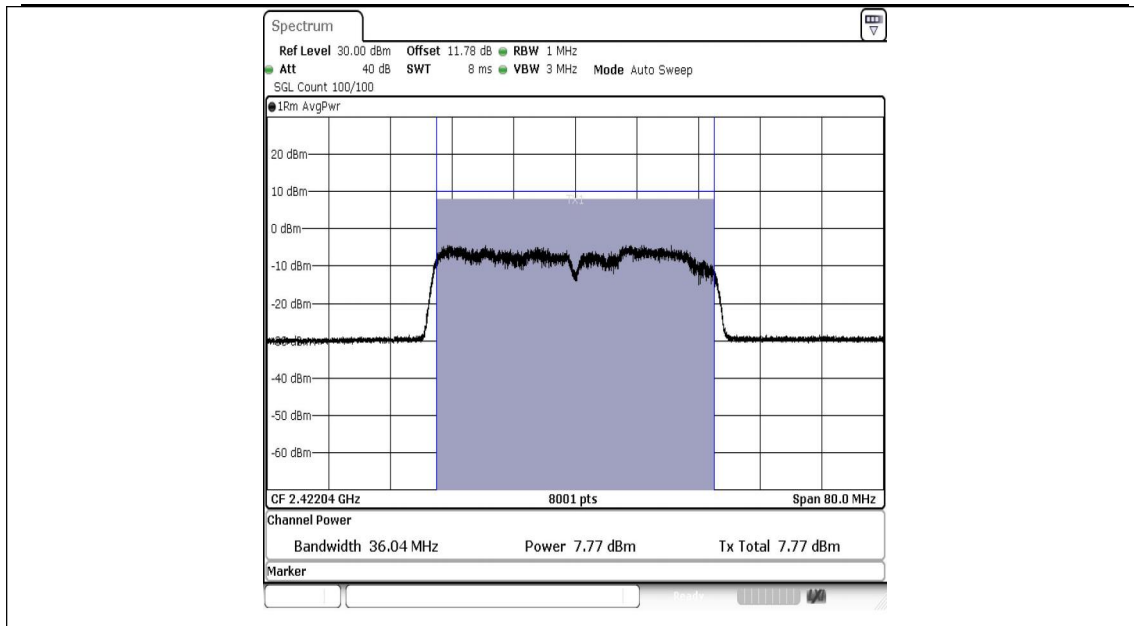


802.11n (HT20)MIMO-Ant1-2462-PASS

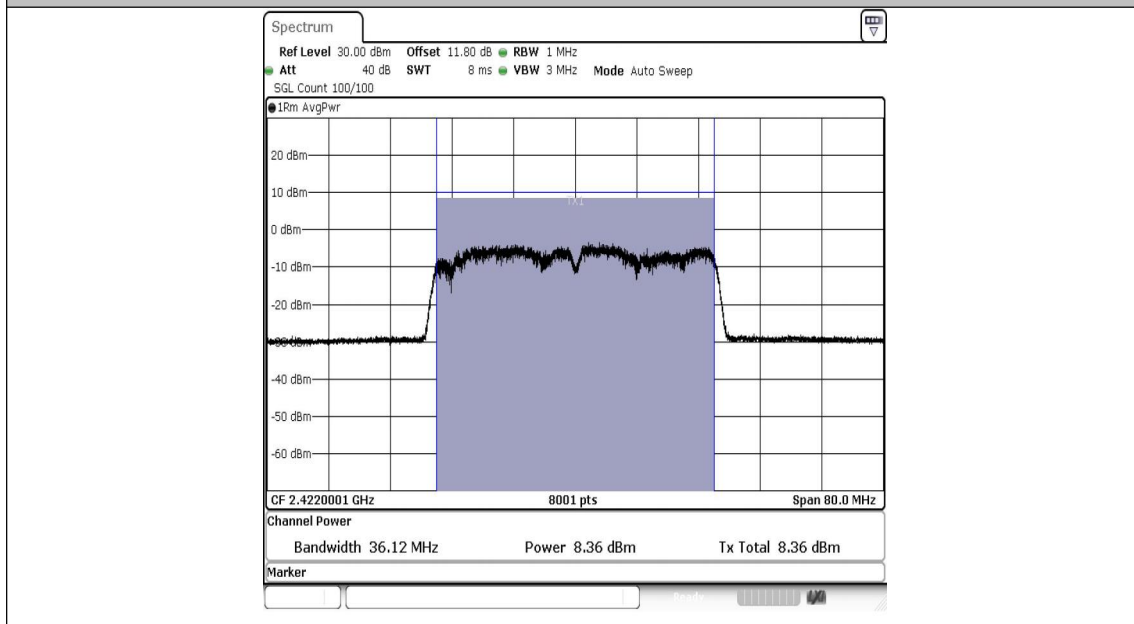


802.11n (HT20)MIMO-Ant2-2462-PASS



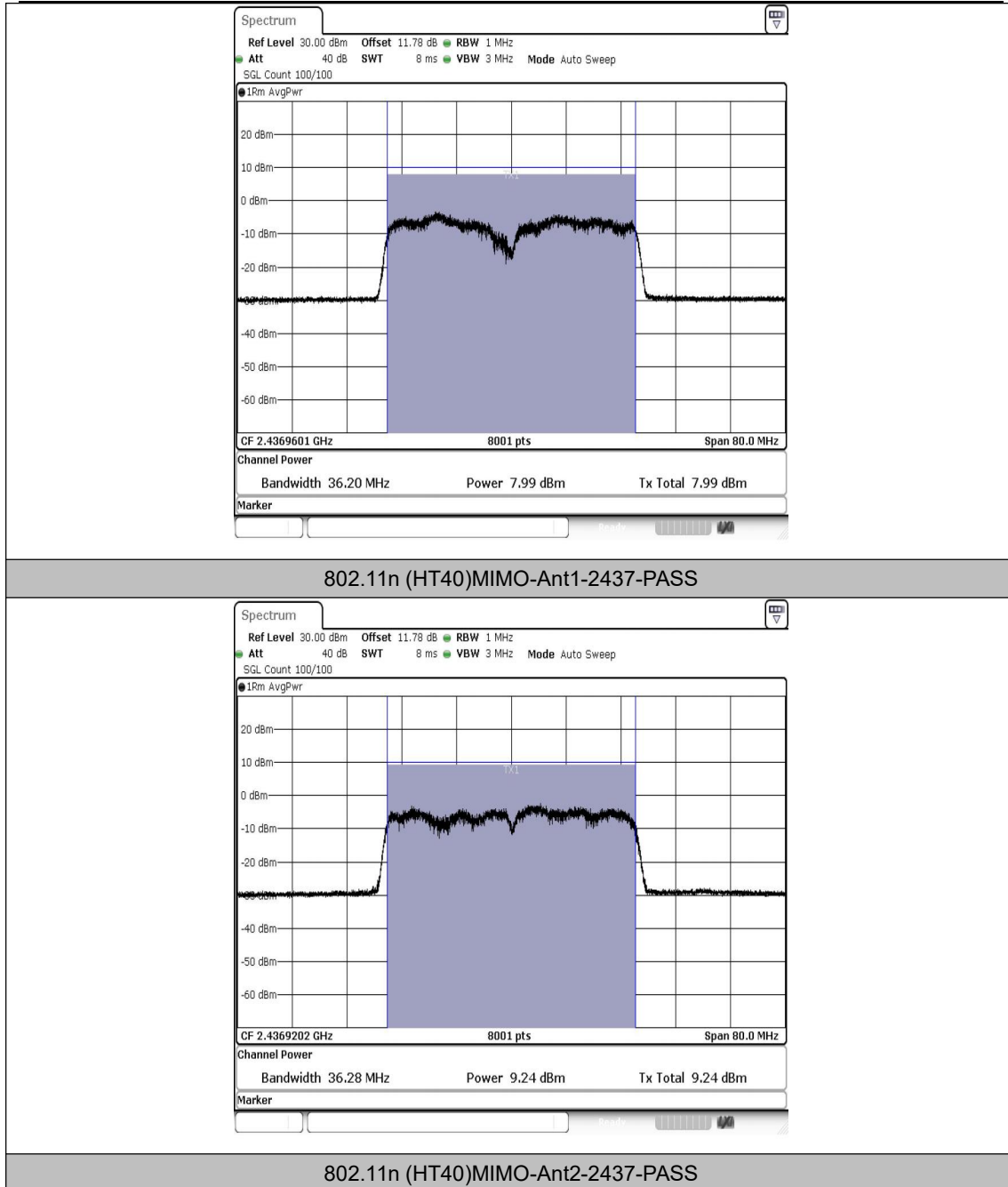


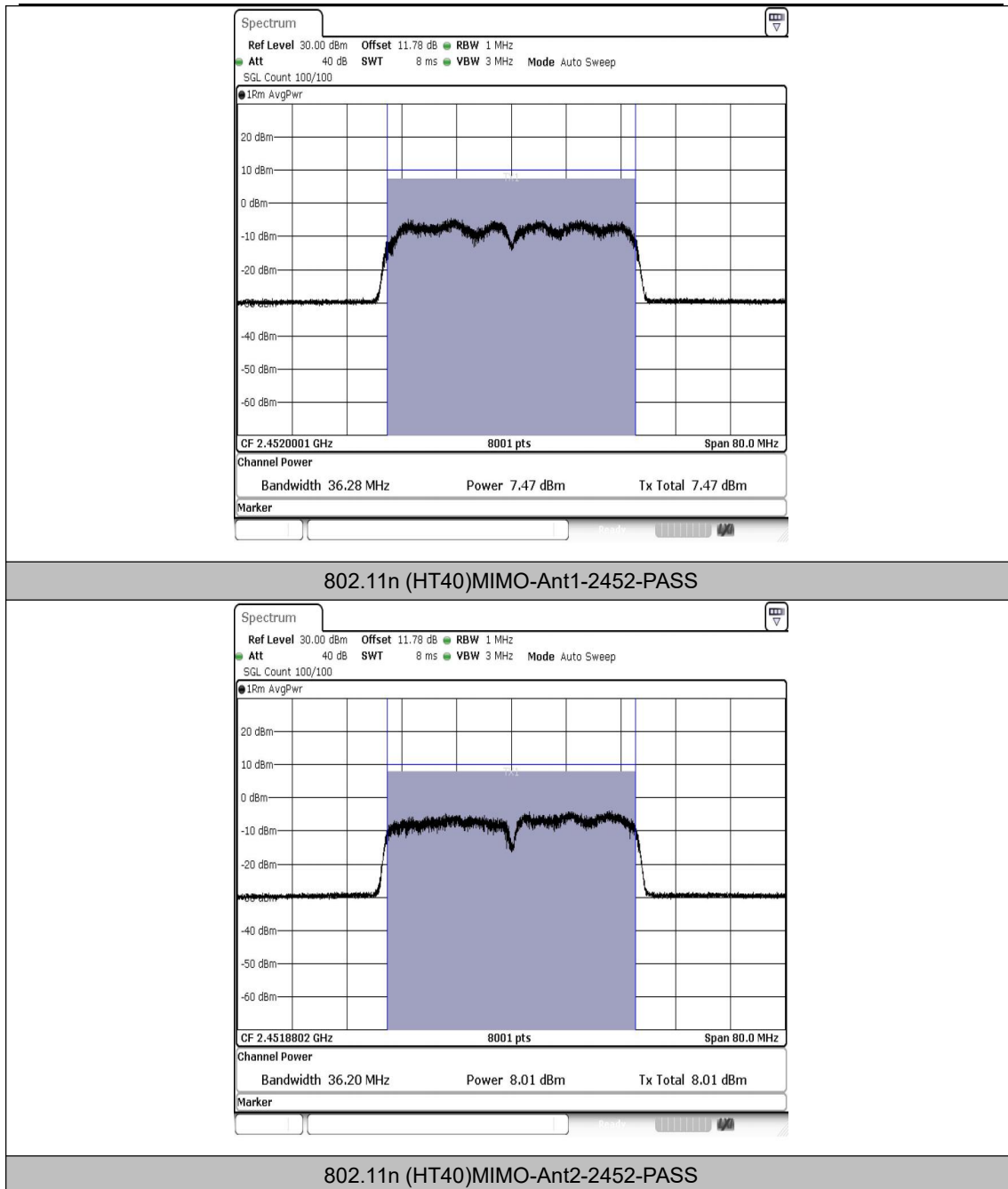
802.11n (HT40)MIMO-Ant1-2422-PASS



802.11n (HT40)MIMO-Ant2-2422-PASS







Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency [MHz]	Reading Result[dB m/3kHz]	DC Factor [dB]	Result[dB m/3kHz]	Limit[dBm /3kHz]	Verdict
802.11b	Ant1	2412	-22.26	8.84	-13.42	≤8.00	PASS
802.11b	Ant2	2412	-21.49	8.89	-12.60	≤8.00	PASS
802.11b	Ant1	2437	-22.81	8.79	-14.02	≤8.00	PASS
802.11b	Ant2	2437	-21.15	8.78	-12.37	≤8.00	PASS
802.11b	Ant1	2462	-23.03	8.87	-14.16	≤8.00	PASS
802.11b	Ant2	2462	-23.29	8.81	-14.48	≤8.00	PASS
802.11g	Ant1	2412	-26.47	15.85	-10.62	≤8.00	PASS
802.11g	Ant2	2412	-20.02	6.82	-13.20	≤8.00	PASS
802.11g	Ant1	2437	-25.17	16.06	-9.11	≤8.00	PASS
802.11g	Ant2	2437	-19.62	6.86	-12.76	≤8.00	PASS
802.11g	Ant1	2462	-25.11	16.25	-8.86	≤8.00	PASS
802.11g	Ant2	2462	-22.29	6.86	-15.43	≤8.00	PASS
802.11n (HT20)MIMO	Ant1	2412	-20.39	4.82	-15.57	≤8.00	PASS
802.11n (HT20)MIMO	Ant2	2412	-18.59	5.68	-12.91	≤8.00	PASS
802.11n (HT20)MIMO	total	2412	---	---	-11.03	≤8.00	PASS
802.11n (HT20)MIMO	Ant1	2437	---	7.18	-13.40	≤8.00	PASS
802.11n (HT20)MIMO	Ant2	2437	-18.52	7.15	-11.37	≤8.00	PASS
802.11n (HT20)MIMO	total	2437	---	---	-9.26	≤8.00	PASS
802.11n (HT20)MIMO	Ant1	2462	-20.57	7.18	-13.39	≤8.00	PASS
802.11n (HT20)MIMO	Ant2	2462	-21.13	7.12	-14.01	≤8.00	PASS
802.11n (HT20)MIMO	total	2462	---	---	-10.68	≤8.00	PASS
802.11n (HT40)MIMO	Ant1	2422	-24.12	10.23	-13.89	≤8.00	PASS
802.11n (HT40)MIMO	Ant2	2422	-23.66	10.25	-13.41	≤8.00	PASS
802.11n (HT40)MIMO	total	2422	---	---	-10.63	≤8.00	PASS



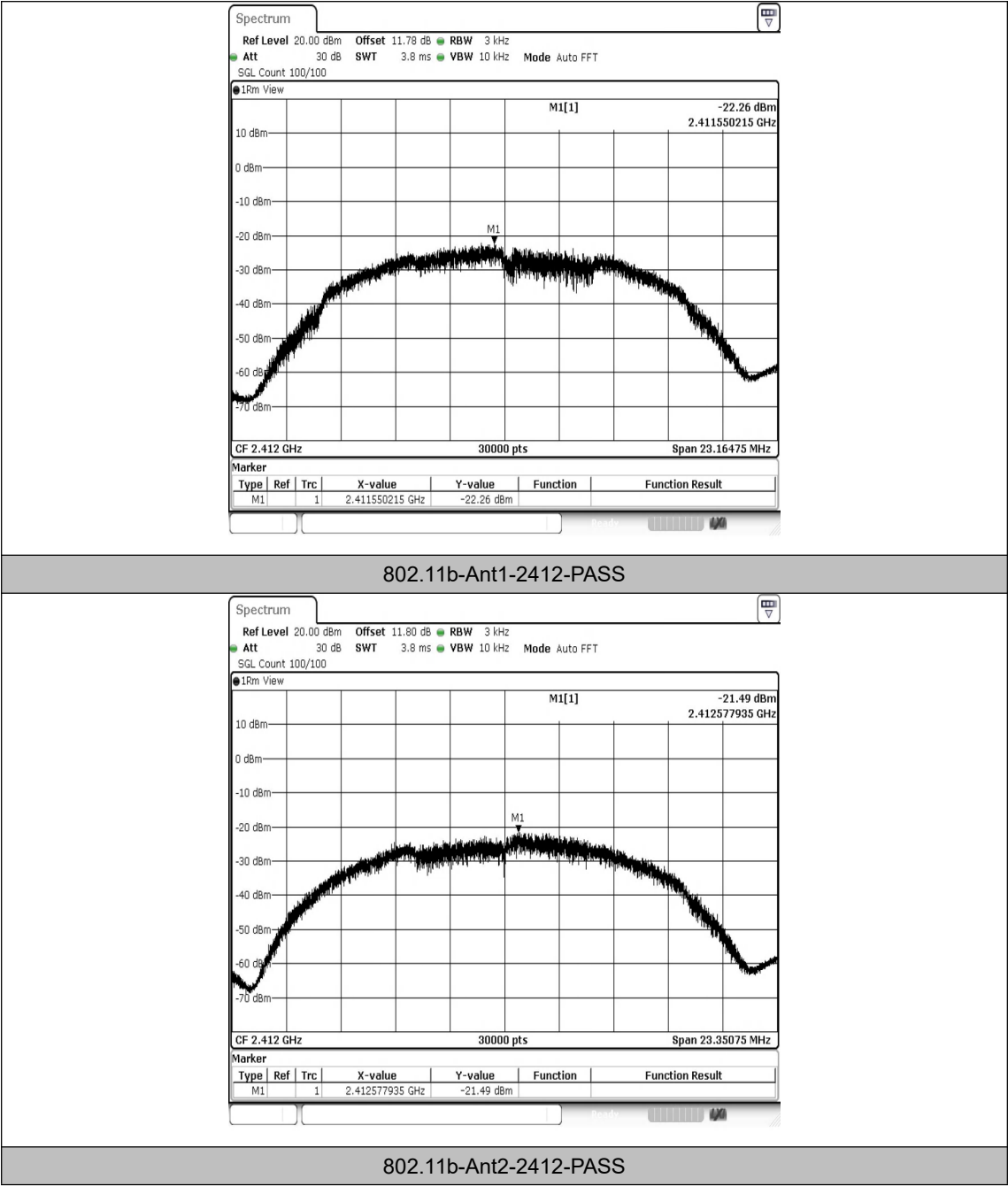
802.11n (HT40)MIMO	Ant1	2437	-22.79	10.22	-12.57	≤8.00	PASS
802.11n (HT40)MIMO	Ant2	2437	-23.20	10.26	-12.94	≤8.00	PASS
802.11n (HT40)MIMO	total	2437	---	---	-9.74	≤8.00	PASS
802.11n (HT40)MIMO	Ant1	2452	-24.68	10.22	-14.46	≤8.00	PASS
802.11n (HT40)MIMO	Ant2	2452	-23.98	10.22	-13.76	≤8.00	PASS
802.11n (HT40)MIMO	total	2452	---	---	-11.09	≤8.00	PASS

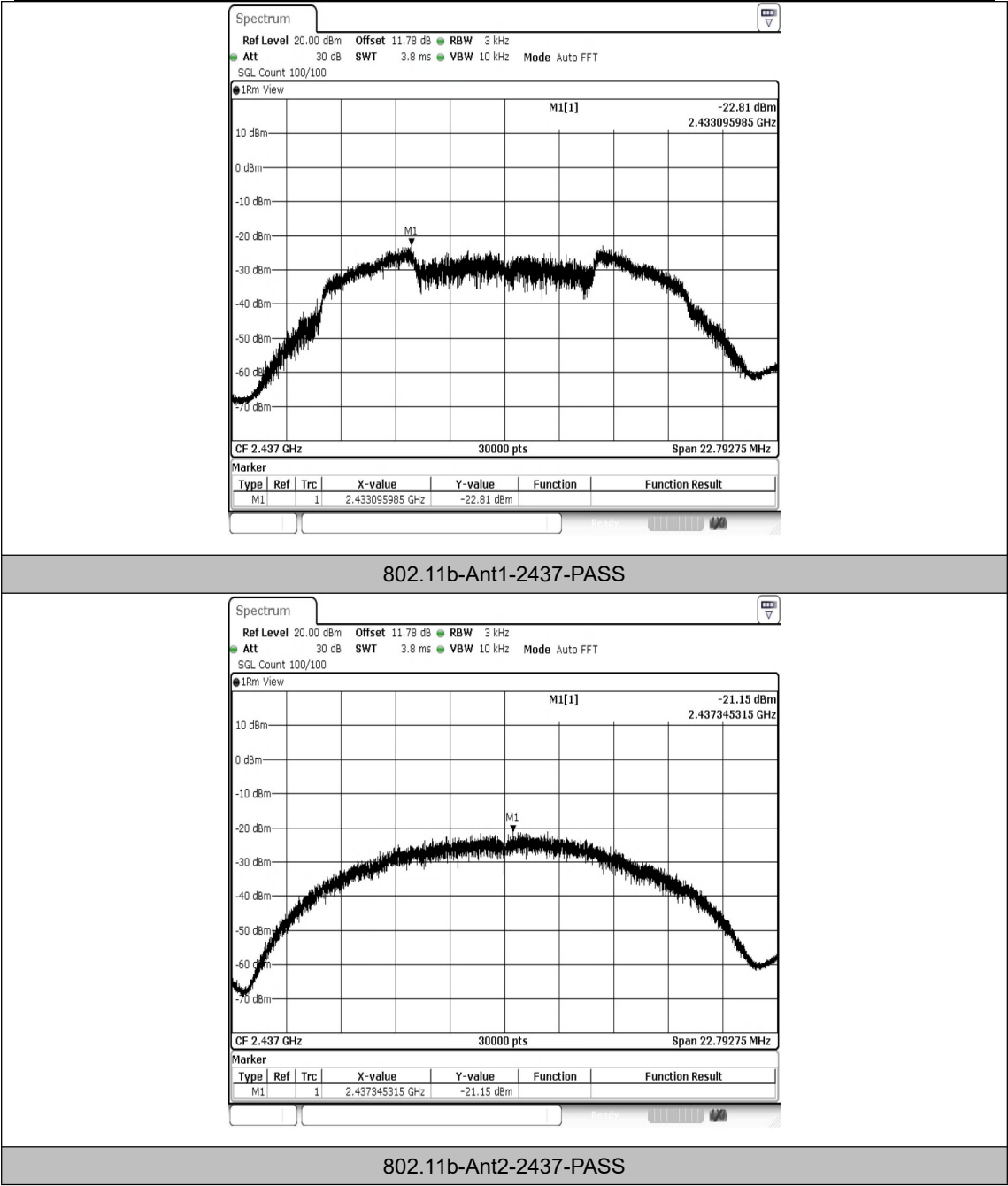
Note:

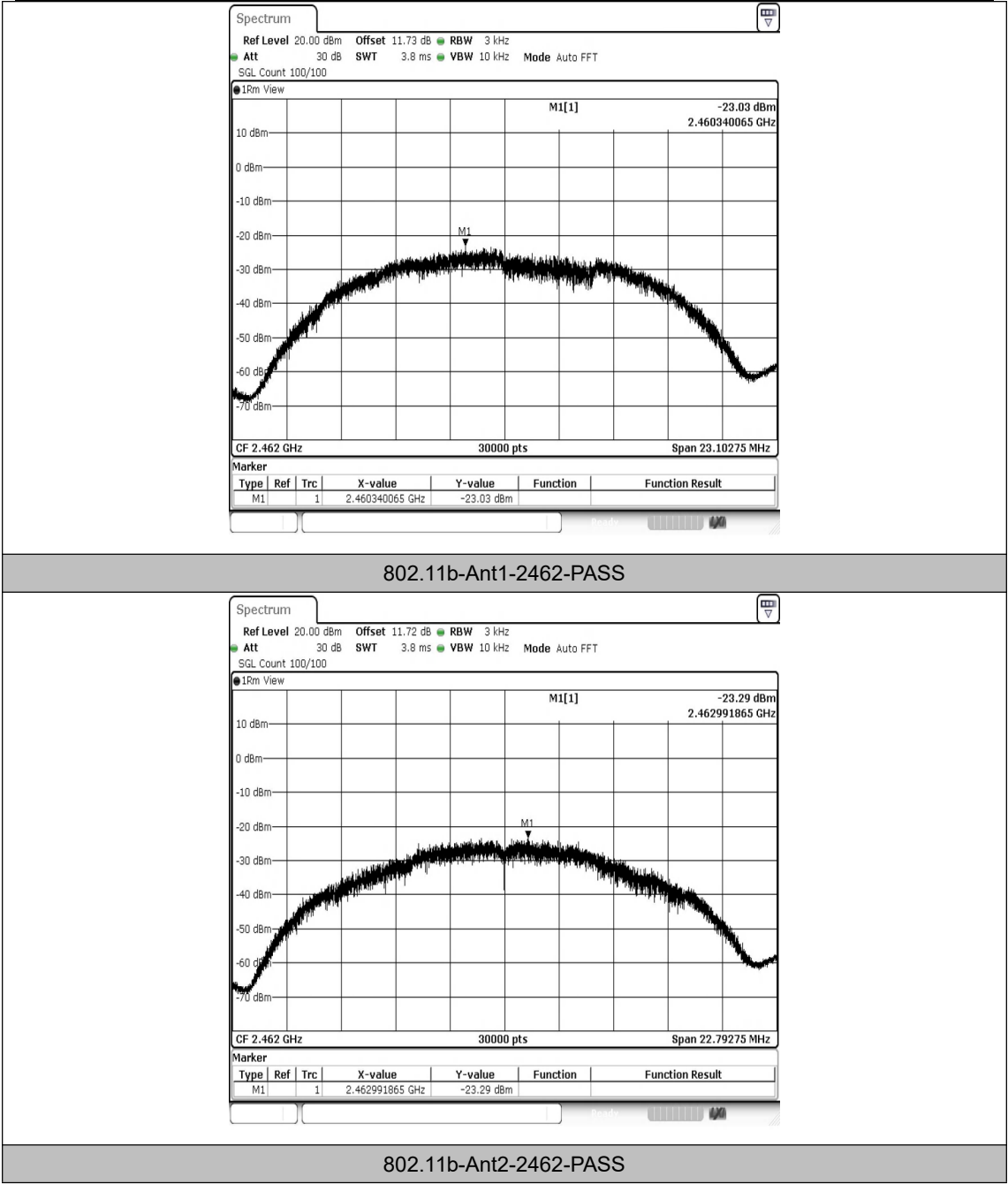
1. The cable loss are compensated in the graph.
2. $MIMO = 10 \cdot \log((10^{ANT1/10}) + 10^{(ANT2/10)})$

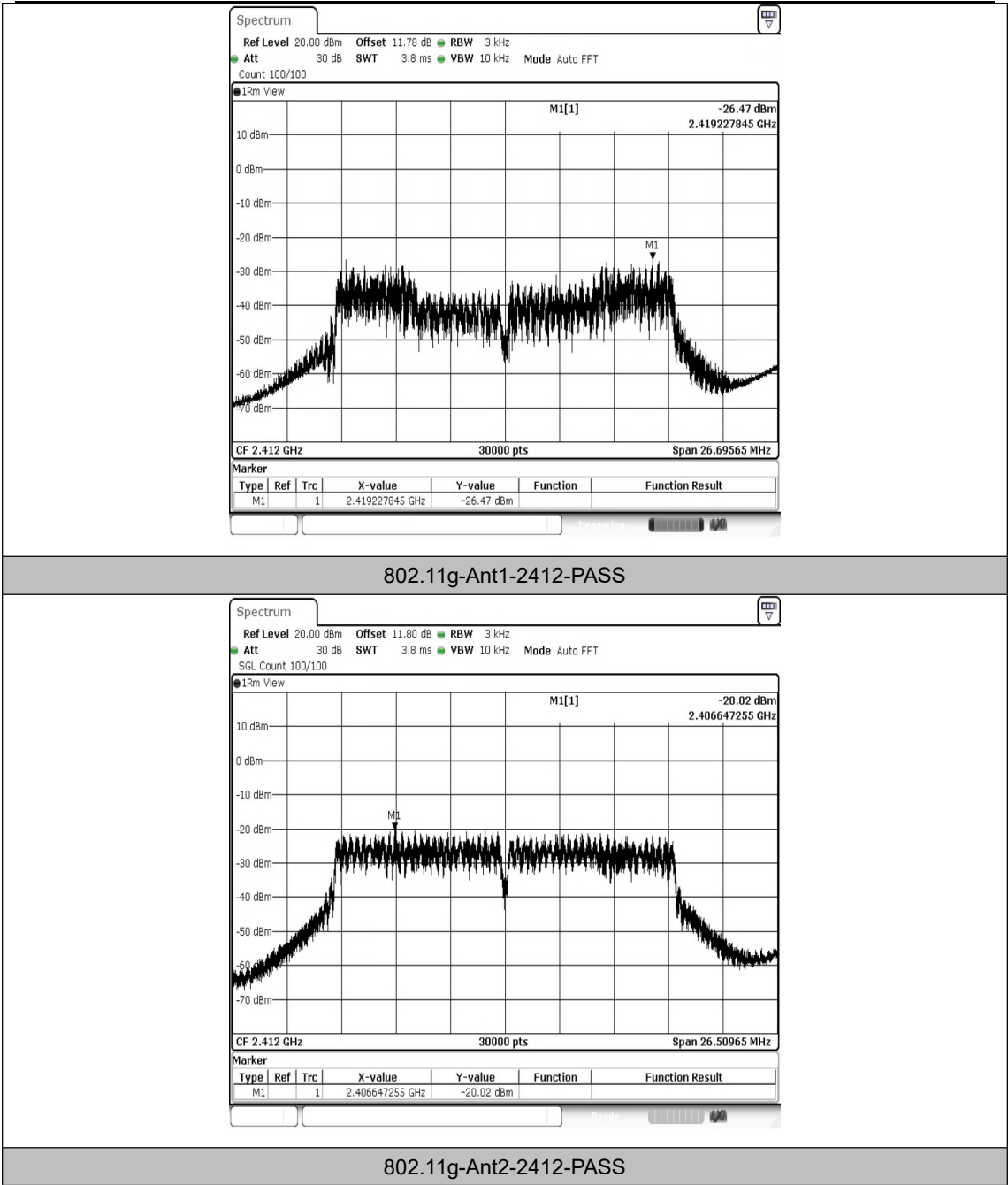


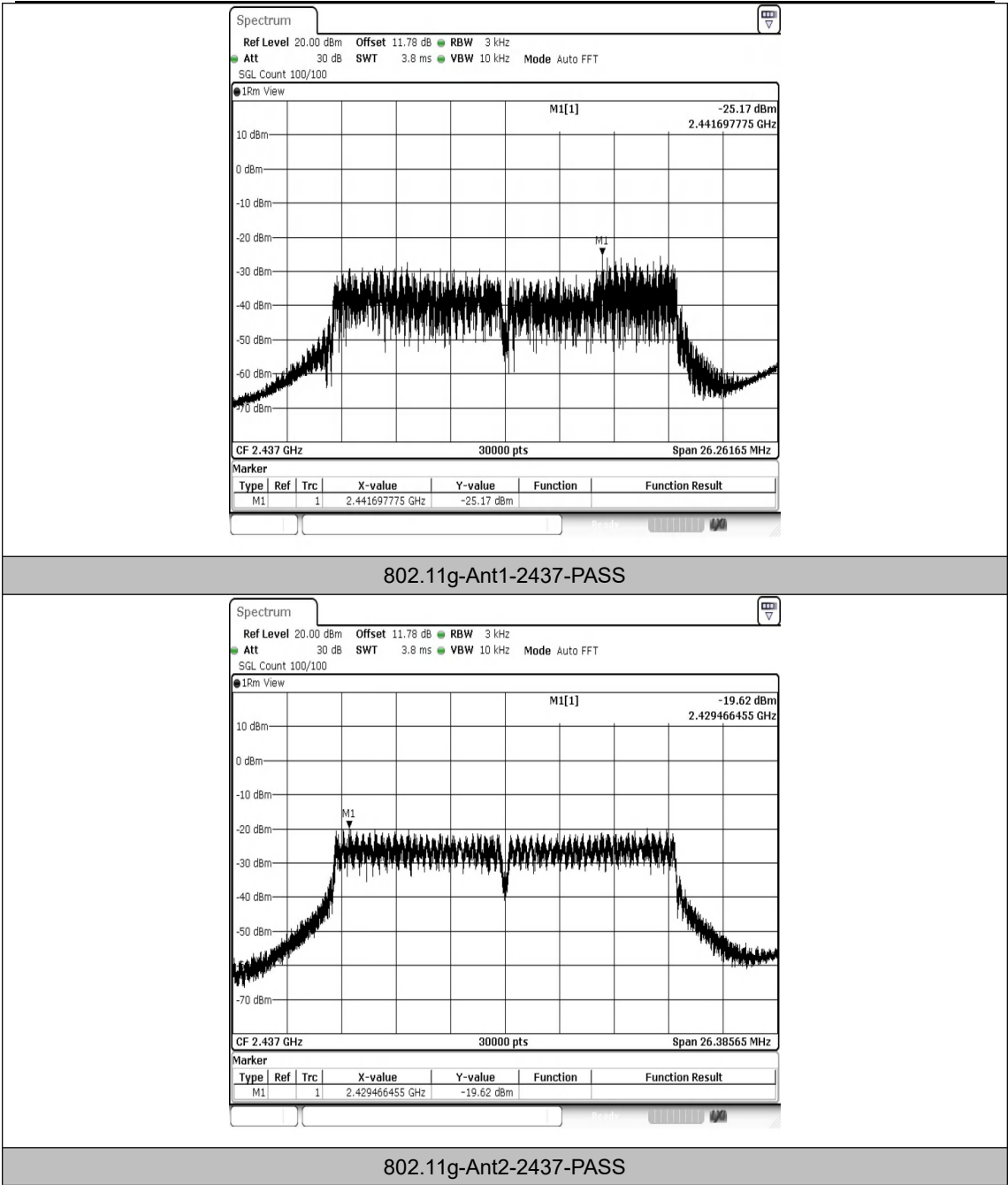
Test Graphs

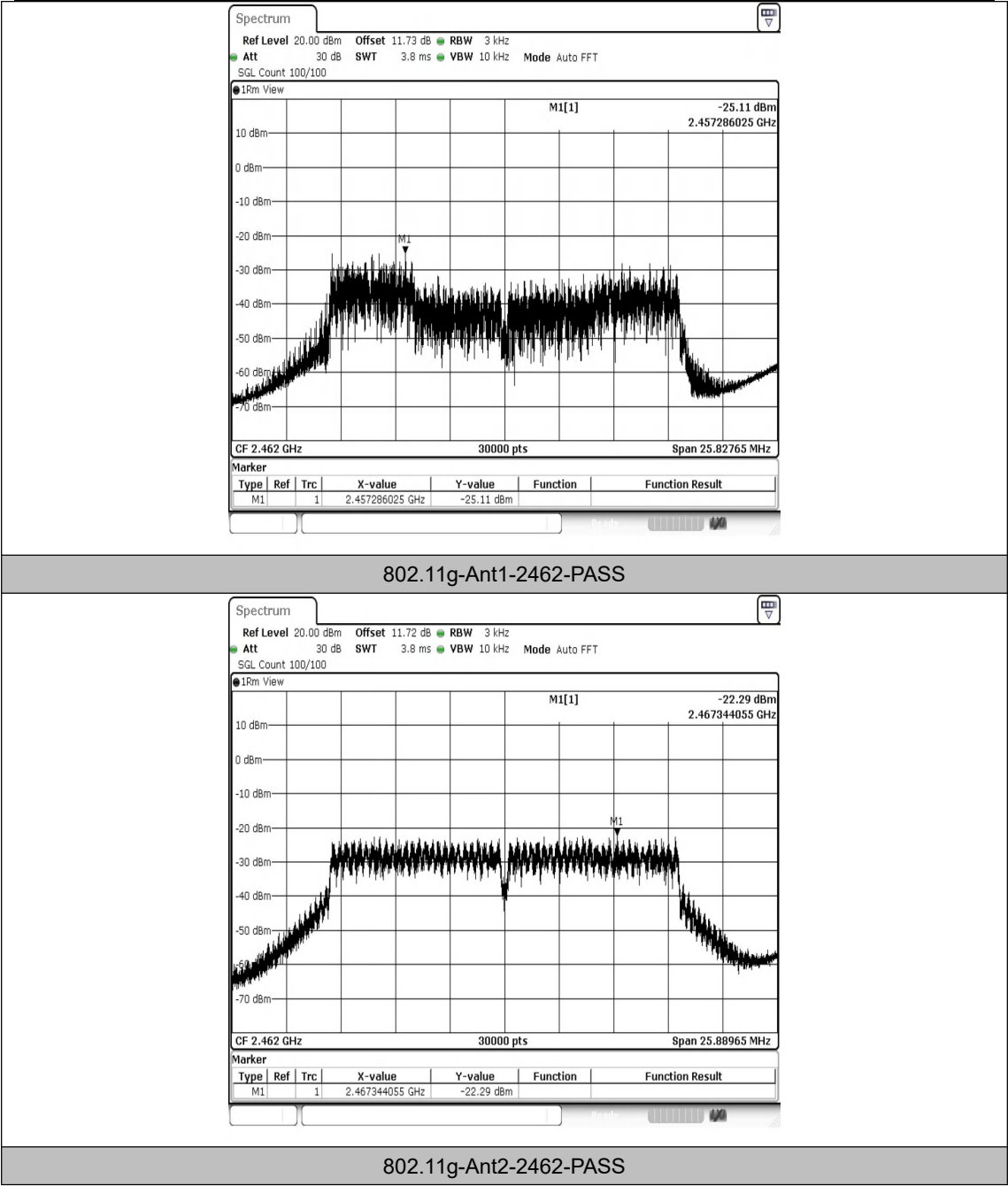


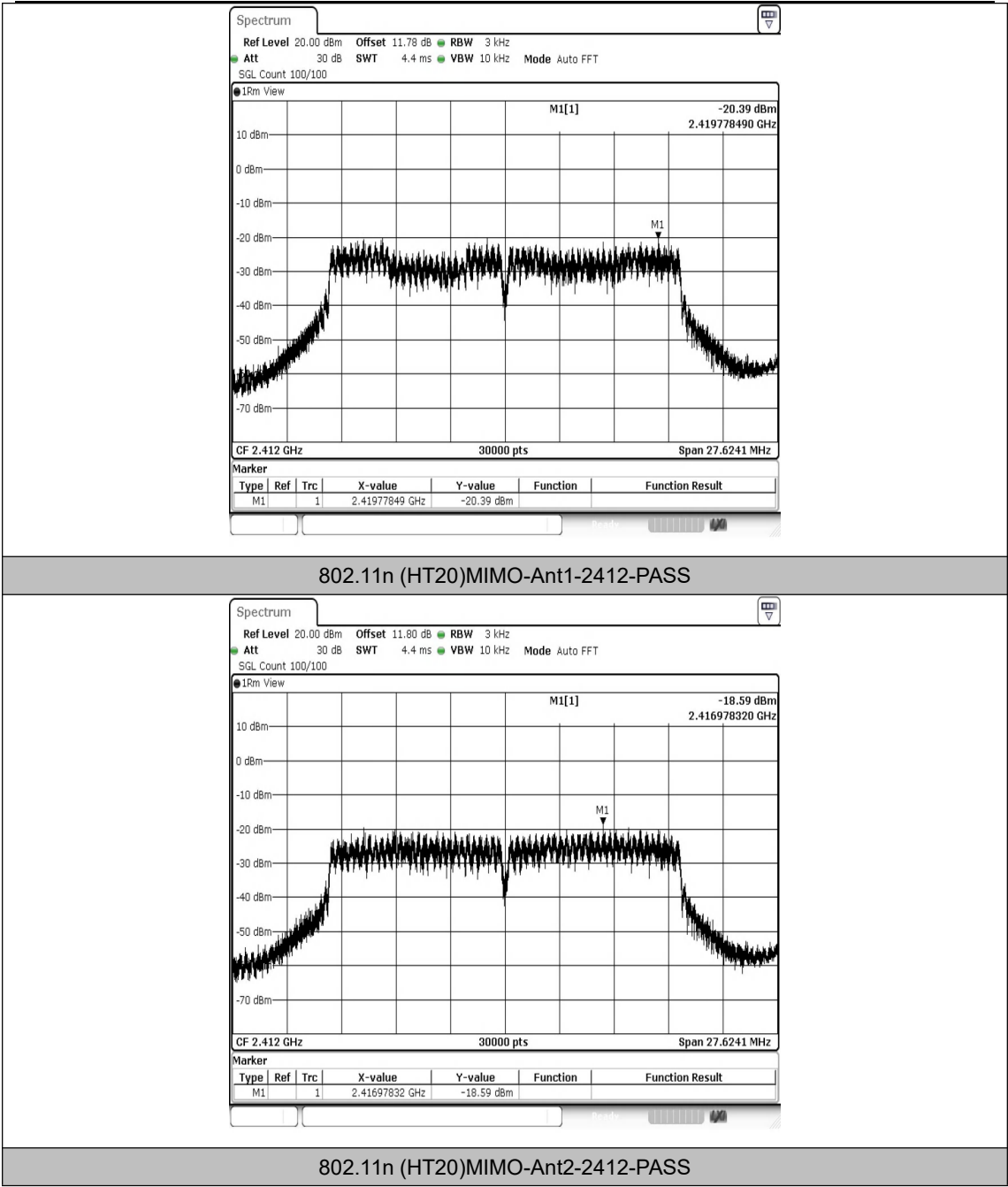


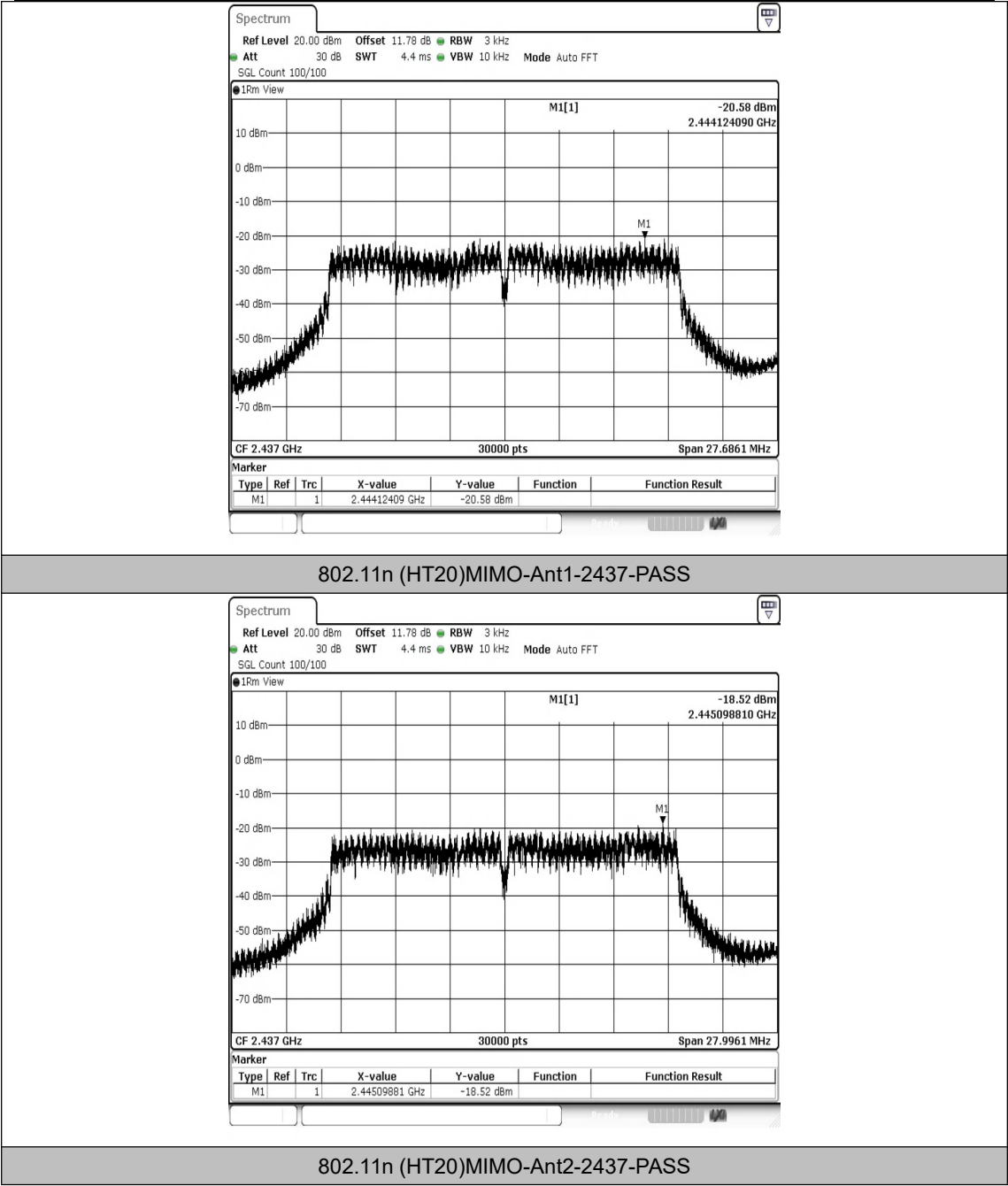


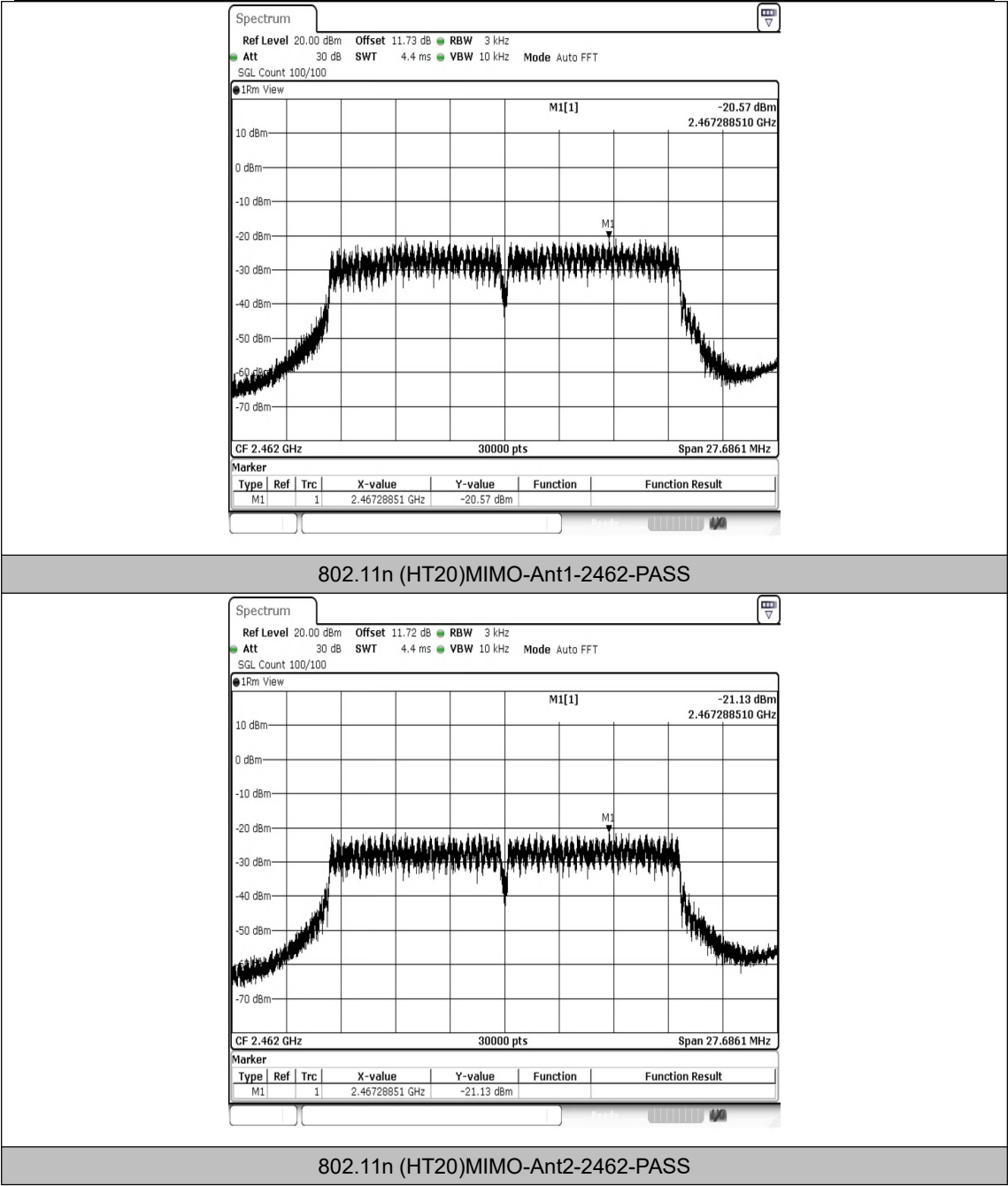


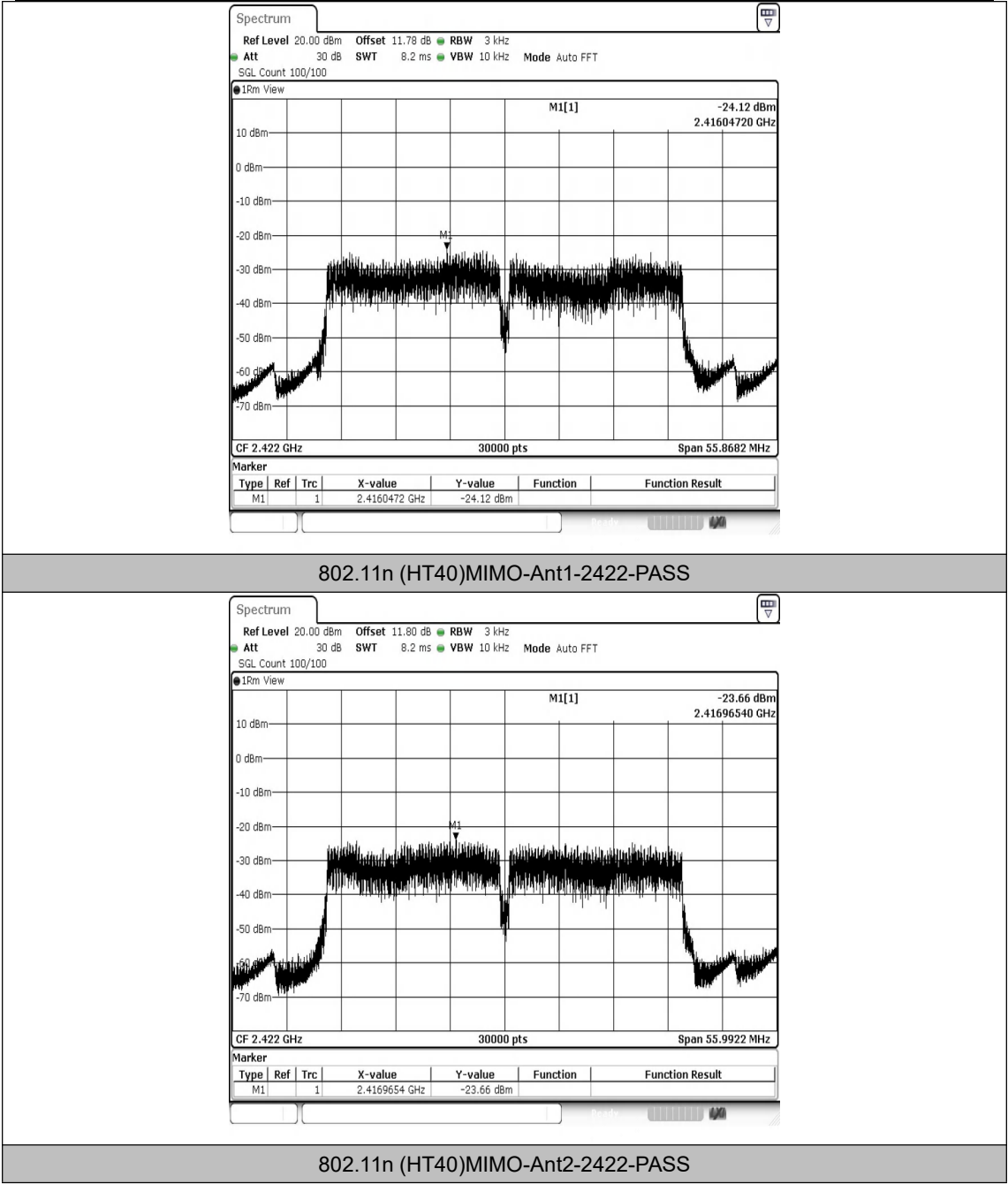


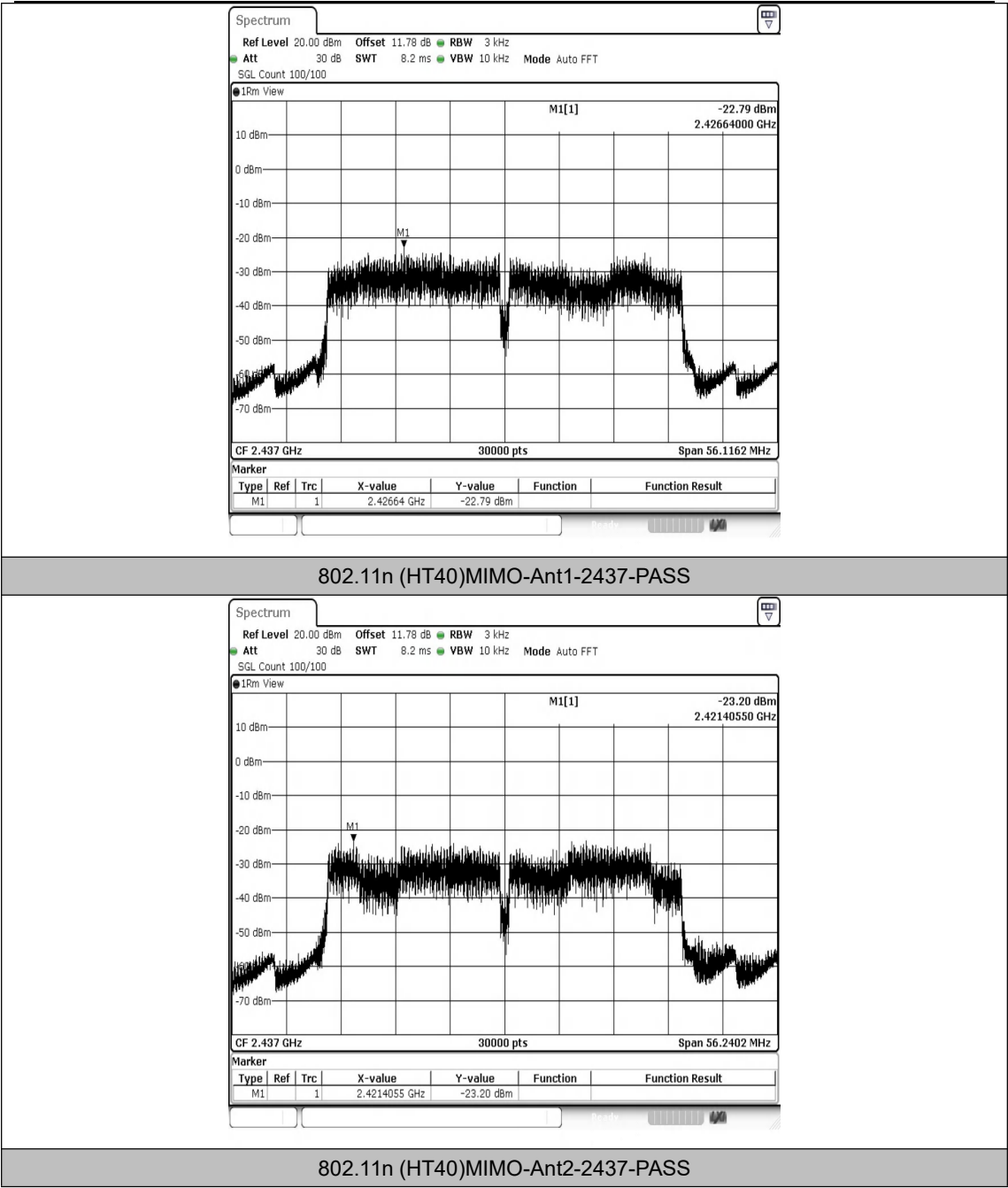


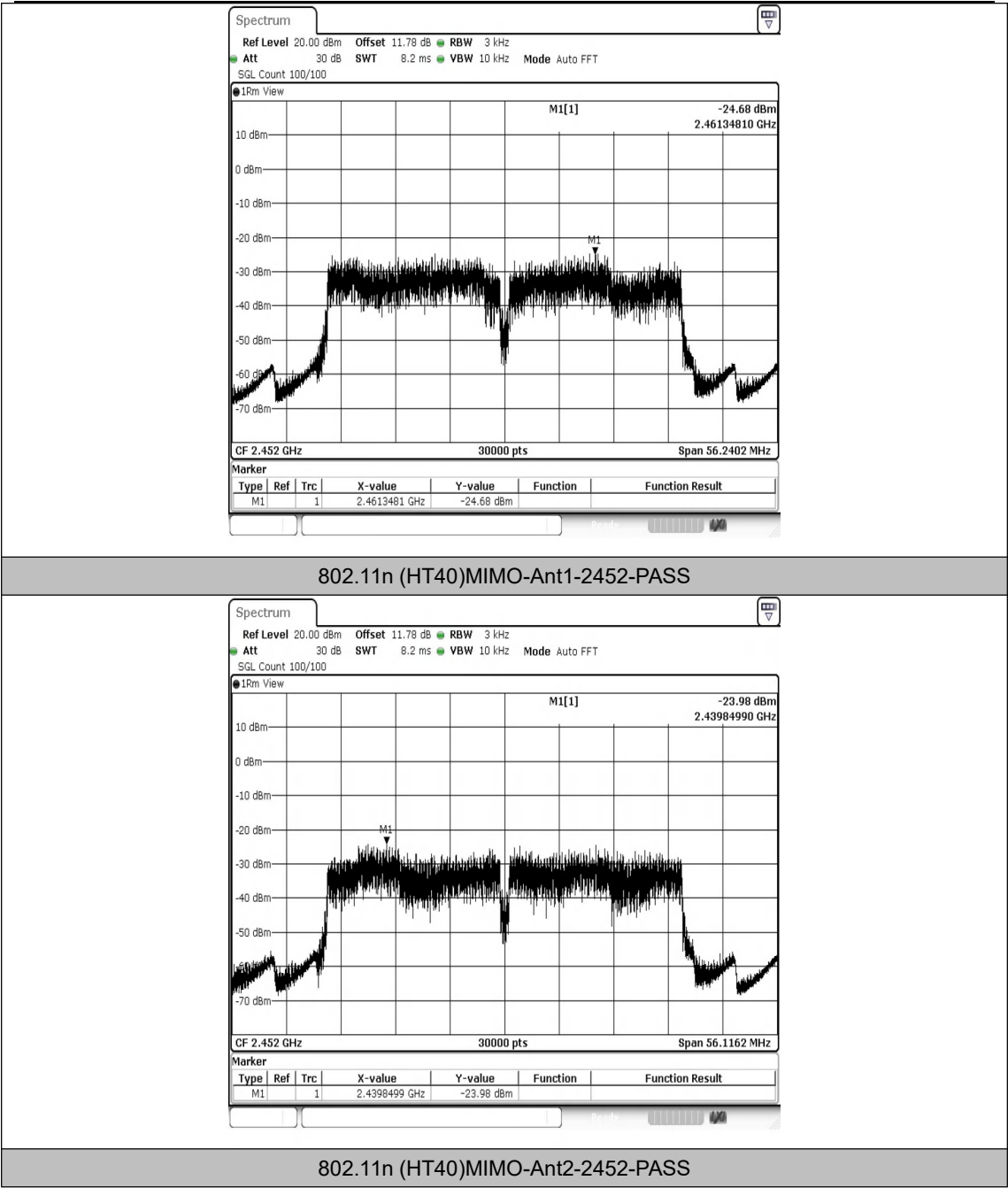












Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
802.11b	Ant1	Low	2412	6.71	-35.25	≤-23.29	PASS
802.11b	Ant2	Low	2412	7.44	-34.18	≤-22.56	PASS
802.11b	Ant1	High	2462	6.04	-57.22	≤-23.96	PASS
802.11b	Ant2	High	2462	5.09	-55.57	≤-24.91	PASS
802.11g	Ant1	Low	2412	1.29	-30.3	≤-28.71	PASS
802.11g	Ant2	Low	2412	3.16	-30.61	≤-26.84	PASS
802.11g	Ant1	High	2462	2.34	-44.47	≤-27.66	PASS
802.11g	Ant2	High	2462	2.10	-36.43	≤-27.9	PASS
802.11n (HT20)MIMO	Ant1	Low	2412	2.38	-31.19	≤-27.62	PASS
802.11n (HT20)MIMO	Ant2	Low	2412	3.91	-28.32	≤-26.09	PASS
802.11n (HT20)MIMO	Ant1	High	2462	1.90	-41.44	≤-28.1	PASS
802.11n (HT20)MIMO	Ant2	High	2462	2.97	-35.12	≤-27.03	PASS
802.11n (HT40)MIMO	Ant1	Low	2422	3.73	-33.96	≤-26.27	PASS
802.11n (HT40)MIMO	Ant2	Low	2422	0.77	-32.06	≤-29.23	PASS
802.11n (HT40)MIMO	Ant1	High	2452	0.01	-33.75	≤-29.99	PASS
802.11n (HT40)MIMO	Ant2	High	2452	3.91	-34.46	≤-26.09	PASS



Test Graphs

