

Appendix Test Data

Report No.:	18220WC40069804	Test Sample No.:	1-2-2
Start Test Date:	2024.4.13	Finish Test Date:	2024.4.30
Test Engineer:	Hayman Chen	Auditor:	Justin Feng
Temperature:	24.3℃	Relative Humidity:	57 %
Pressure:	101 kPa		

Appendix A: Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.46	PASS
Band17	5MHz	16QAM	23755	1RB#0	21.68	PASS
Band17	5MHz	QPSK	23755	1RB#12	22.50	PASS
Band17	5MHz	16QAM	23755	1RB#12	21.43	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.54	PASS
Band17	5MHz	16QAM	23755	1RB#24	21.49	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.03	PASS
Band17	5MHz	16QAM	23755	12RB#0	20.49	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.12	PASS
Band17	5MHz	16QAM	23755	12RB#6	20.46	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.02	PASS
Band17	5MHz	16QAM	23755	12RB#13	20.52	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.00	PASS
Band17	5MHz	16QAM	23755	25RB#0	20.43	PASS
Band17	5MHz	QPSK	23790	1RB#0	22.68	PASS
Band17	5MHz	16QAM	23790	1RB#0	20.97	PASS
Band17	5MHz	QPSK	23790	1RB#12	22.54	PASS
Band17	5MHz	16QAM	23790	1RB#12	21.05	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.56	PASS
Band17	5MHz	16QAM	23790	1RB#24	20.97	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.09	PASS
Band17	5MHz	16QAM	23790	12RB#0	20.46	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.11	PASS
Band17	5MHz	16QAM	23790	12RB#6	20.45	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.10	PASS



Band17	5MHz	16QAM	23790	12RB#13	20.53	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.00	PASS
Band17	5MHz	16QAM	23790	25RB#0	20.95	PASS
Band17	5MHz	QPSK	23825	1RB#0	22.51	PASS
Band17	5MHz	16QAM	23825	1RB#0	21.47	PASS
Band17	5MHz	QPSK	23825	1RB#12	22.48	PASS
Band17	5MHz	16QAM	23825	1RB#12	21.47	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.57	PASS
Band17	5MHz	16QAM	23825	1RB#24	21.55	PASS
Band17	5MHz	QPSK	23825	12RB#0	21.94	PASS
Band17	5MHz	16QAM	23825	12RB#0	20.55	PASS
Band17	5MHz	QPSK	23825	12RB#6	21.95	PASS
Band17	5MHz	16QAM	23825	12RB#6	20.55	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.07	PASS
Band17	5MHz	16QAM	23825	12RB#13	20.85	PASS
Band17	5MHz	QPSK	23825	25RB#0	21.97	PASS
Band17	5MHz	16QAM	23825	25RB#0	20.83	PASS
Band17	10MHz	QPSK	23780	1RB#0	22.52	PASS
Band17	10MHz	16QAM	23780	1RB#0	21.43	PASS
Band17	10MHz	QPSK	23780	1RB#24	22.56	PASS
Band17	10MHz	16QAM	23780	1RB#24	21.21	PASS
Band17	10MHz	QPSK	23780	1RB#49	22.58	PASS
Band17	10MHz	16QAM	23780	1RB#49	21.12	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.04	PASS
Band17	10MHz	16QAM	23780	25RB#0	20.57	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.05	PASS
Band17	10MHz	16QAM	23780	25RB#12	20.55	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.14	PASS
Band17	10MHz	16QAM	23780	25RB#25	20.70	PASS
Band17	10MHz	QPSK	23780	50RB#0	21.96	PASS
Band17	10MHz	16QAM	23780	50RB#0	20.50	PASS
Band17	10MHz	QPSK	23790	1RB#0	22.56	PASS
Band17	10MHz	16QAM	23790	1RB#0	21.38	PASS
Band17	10MHz	QPSK	23790	1RB#24	22.56	PASS
Band17	10MHz	16QAM	23790	1RB#24	21.41	PASS
Band17	10MHz	QPSK	23790	1RB#49	22.55	PASS
Band17	10MHz	16QAM	23790	1RB#49	21.47	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.04	PASS
Band17	10MHz	16QAM	23790	25RB#0	20.59	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.07	PASS
Band17	10MHz	16QAM	23790	25RB#12	20.60	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.12	PASS

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
 Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
 400-003-0500
 www.anbotek.com.cn



Band17	10MHz	16QAM	23790	25RB#25	20.75	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.08	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.01	PASS
Band17	10MHz	QPSK	23800	1RB#0	22.43	PASS
Band17	10MHz	16QAM	23800	1RB#0	21.22	PASS
Band17	10MHz	QPSK	23800	1RB#24	22.43	PASS
Band17	10MHz	16QAM	23800	1RB#24	21.15	PASS
Band17	10MHz	QPSK	23800	1RB#49	22.46	PASS
Band17	10MHz	16QAM	23800	1RB#49	21.50	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.02	PASS
Band17	10MHz	16QAM	23800	25RB#0	20.40	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.03	PASS
Band17	10MHz	16QAM	23800	25RB#12	20.39	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.08	PASS
Band17	10MHz	16QAM	23800	25RB#25	20.89	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.08	PASS
Band17	10MHz	16QAM	23800	50RB#0	20.91	PASS



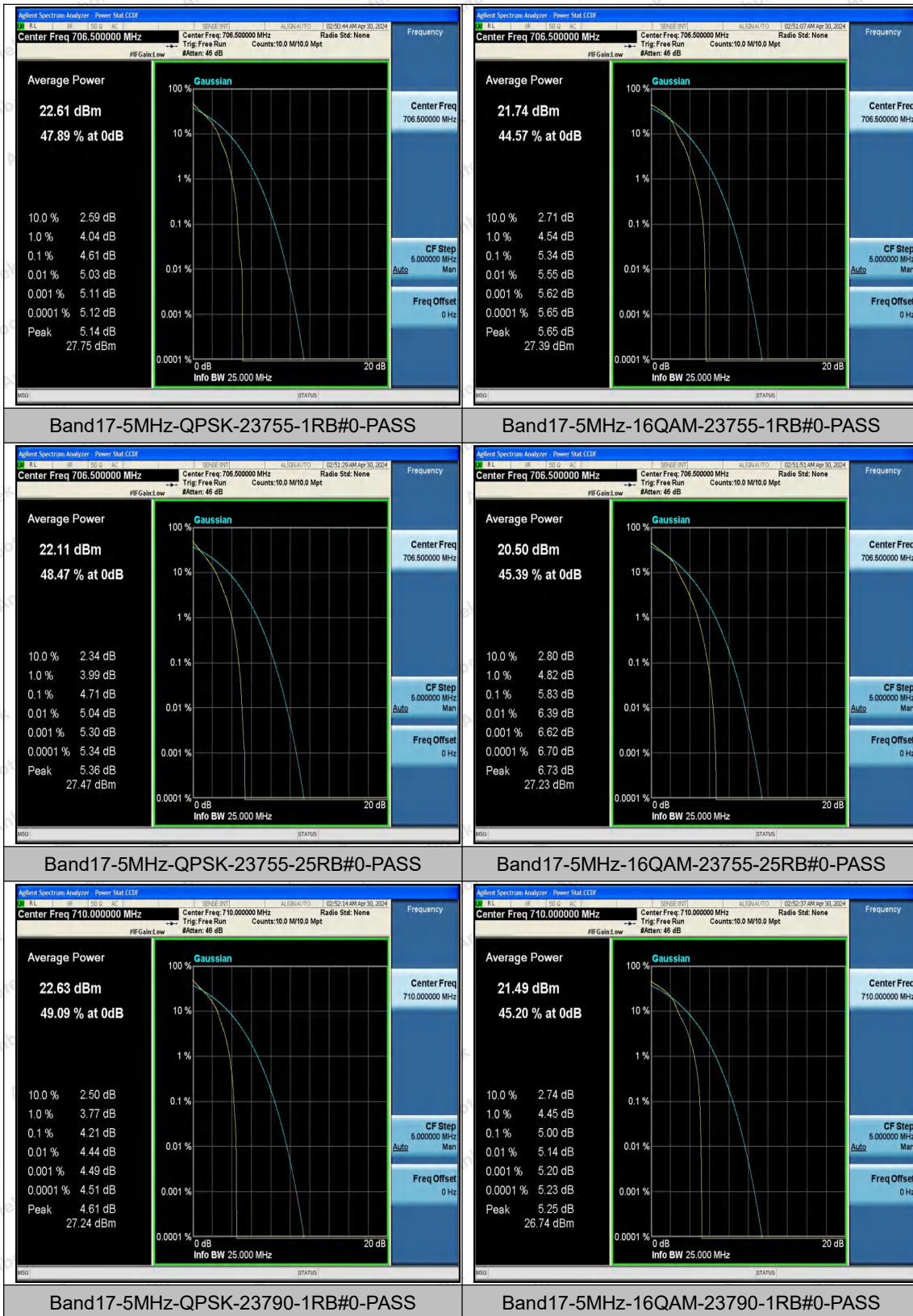
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	4.61	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.34	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.71	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	5.83	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	4.21	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.00	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.93	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	5.79	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	4.98	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.76	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.66	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.46	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	4.58	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.38	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	4.96	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.93	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.19	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.21	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	4.86	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.76	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.18	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.18	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	4.78	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.69	13	PASS



Test Graphs



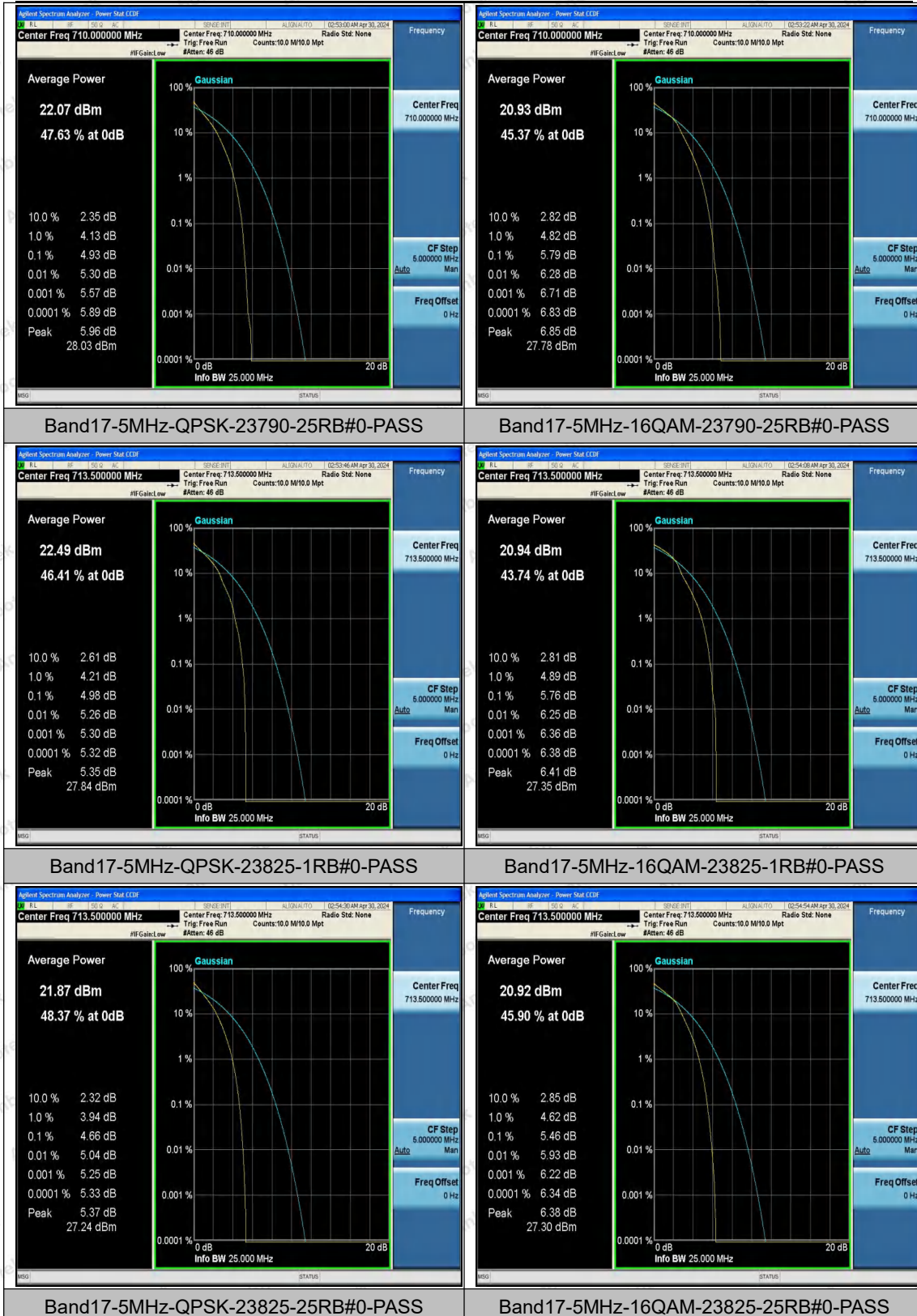
Shenzhen Anbotek Compliance Laboratory Limited

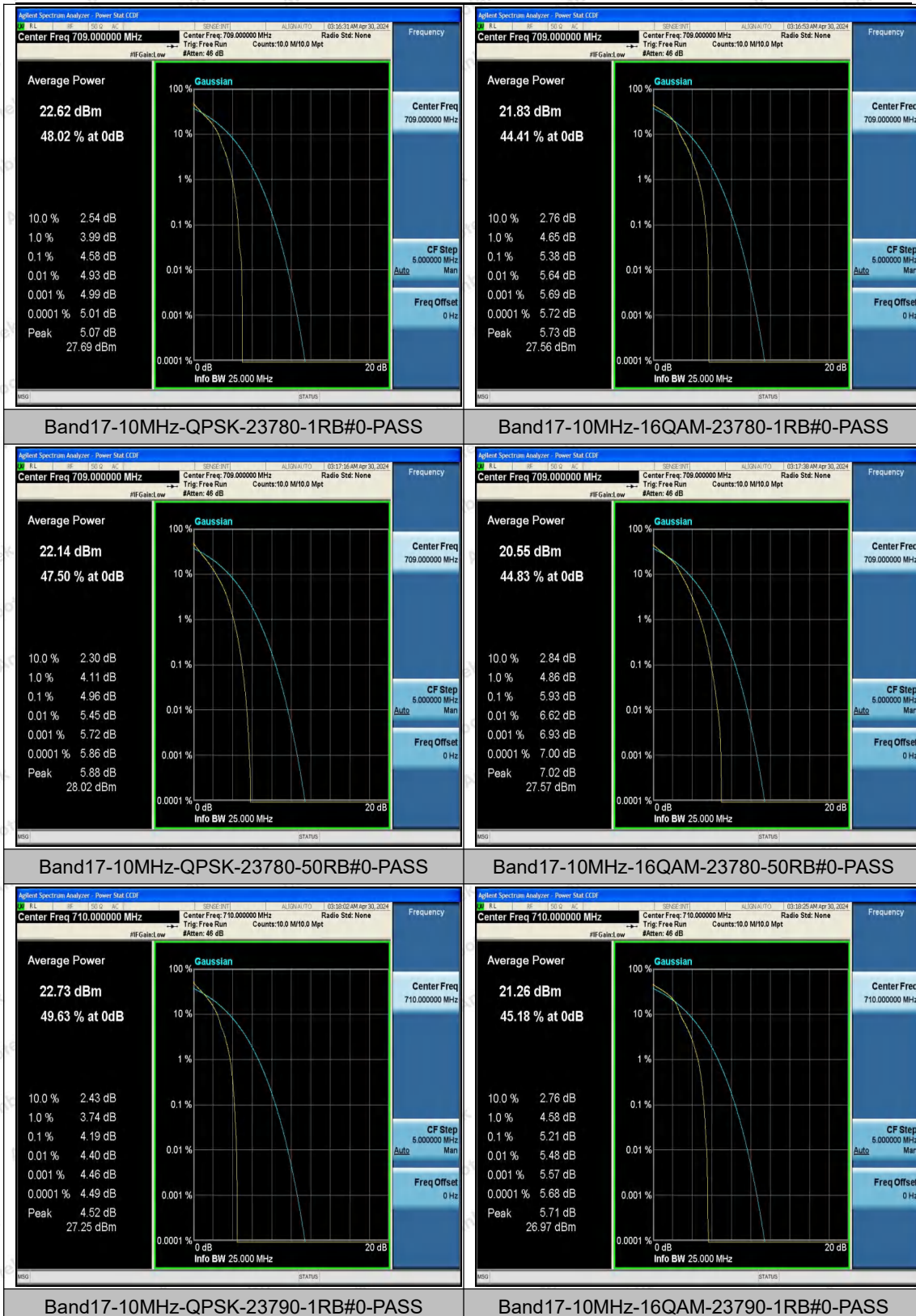
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

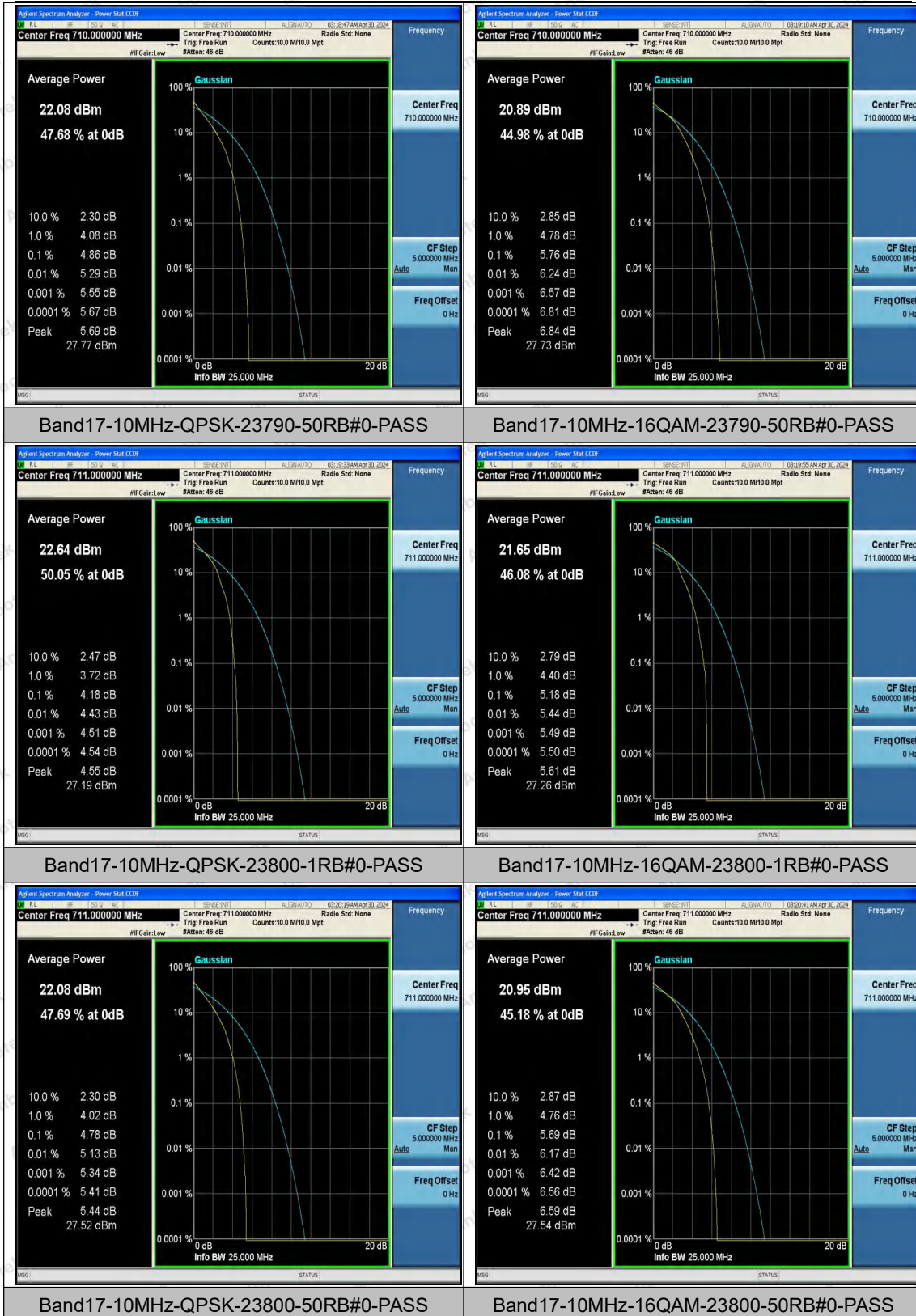


Hotline
 400-003-0500
 www.anbotek.com.cn









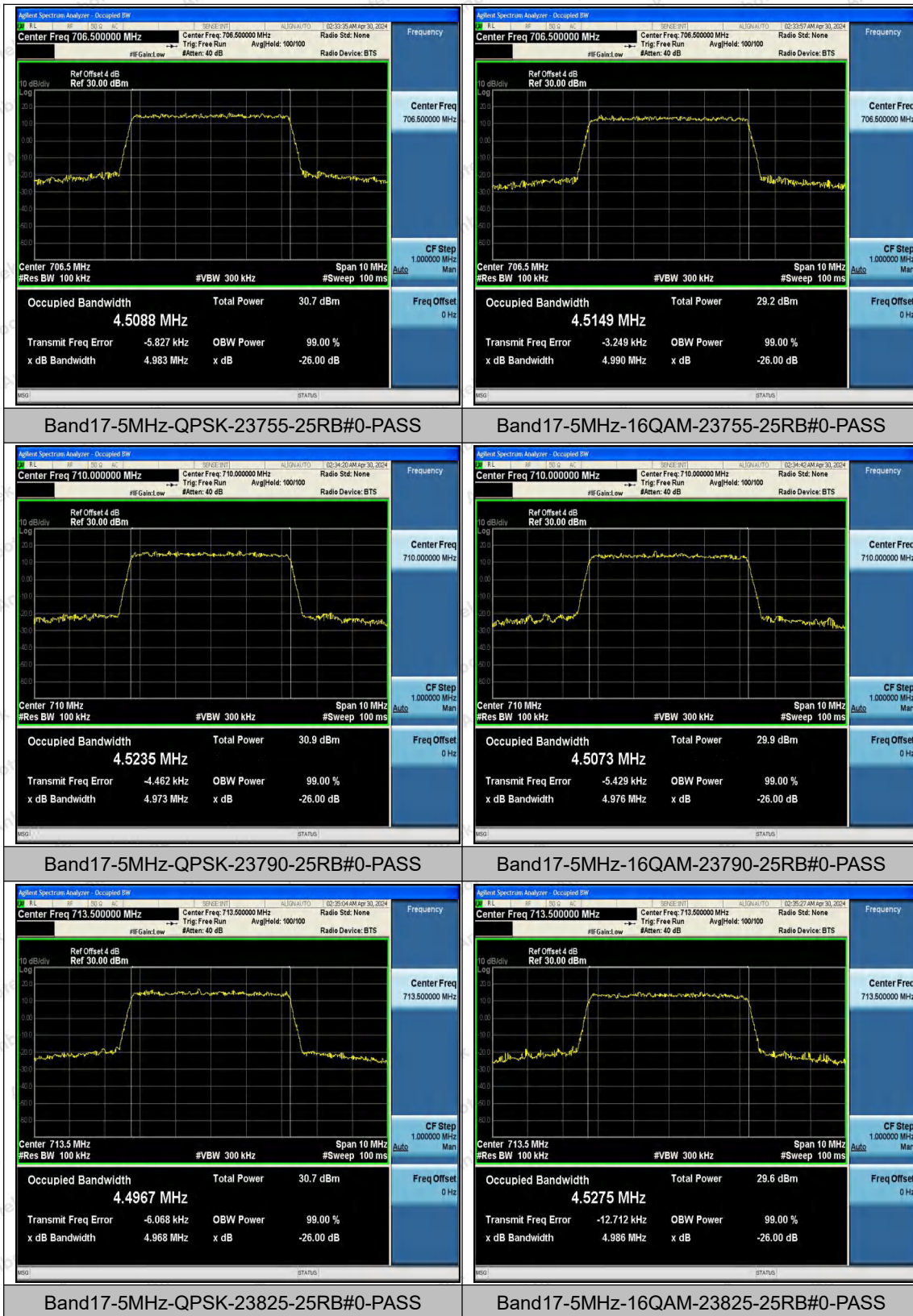
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5088	4.983	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5149	4.990	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5235	4.973	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5073	4.976	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4967	4.968	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5275	4.986	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0121	9.925	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9955	9.931	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9857	9.866	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9900	9.945	PASS
Band17	10MHz	QPSK	23800	50RB#0	9.0090	9.869	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9900	9.893	PASS



Test Graphs



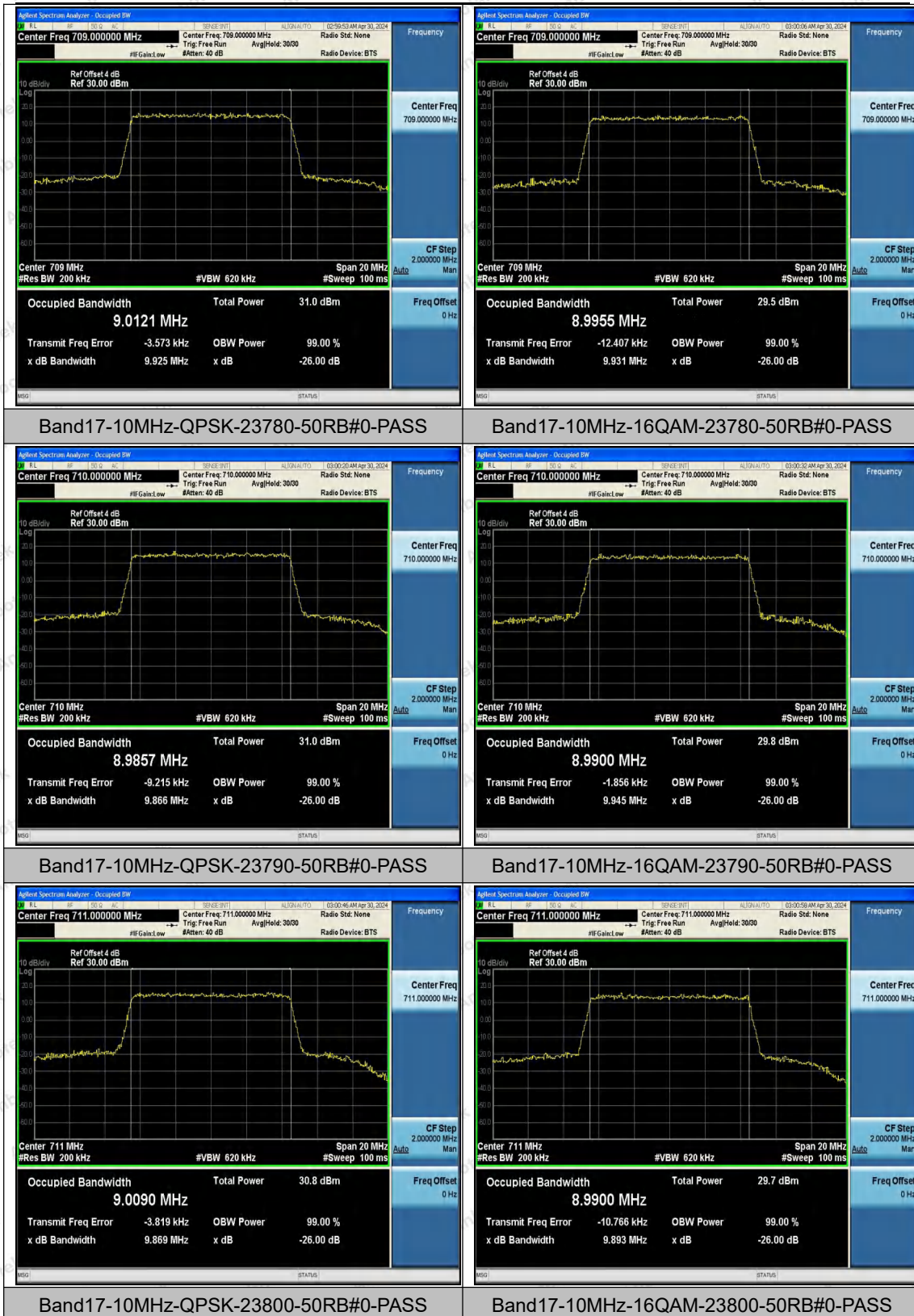
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
 400-003-0500
 www.anbotek.com.cn





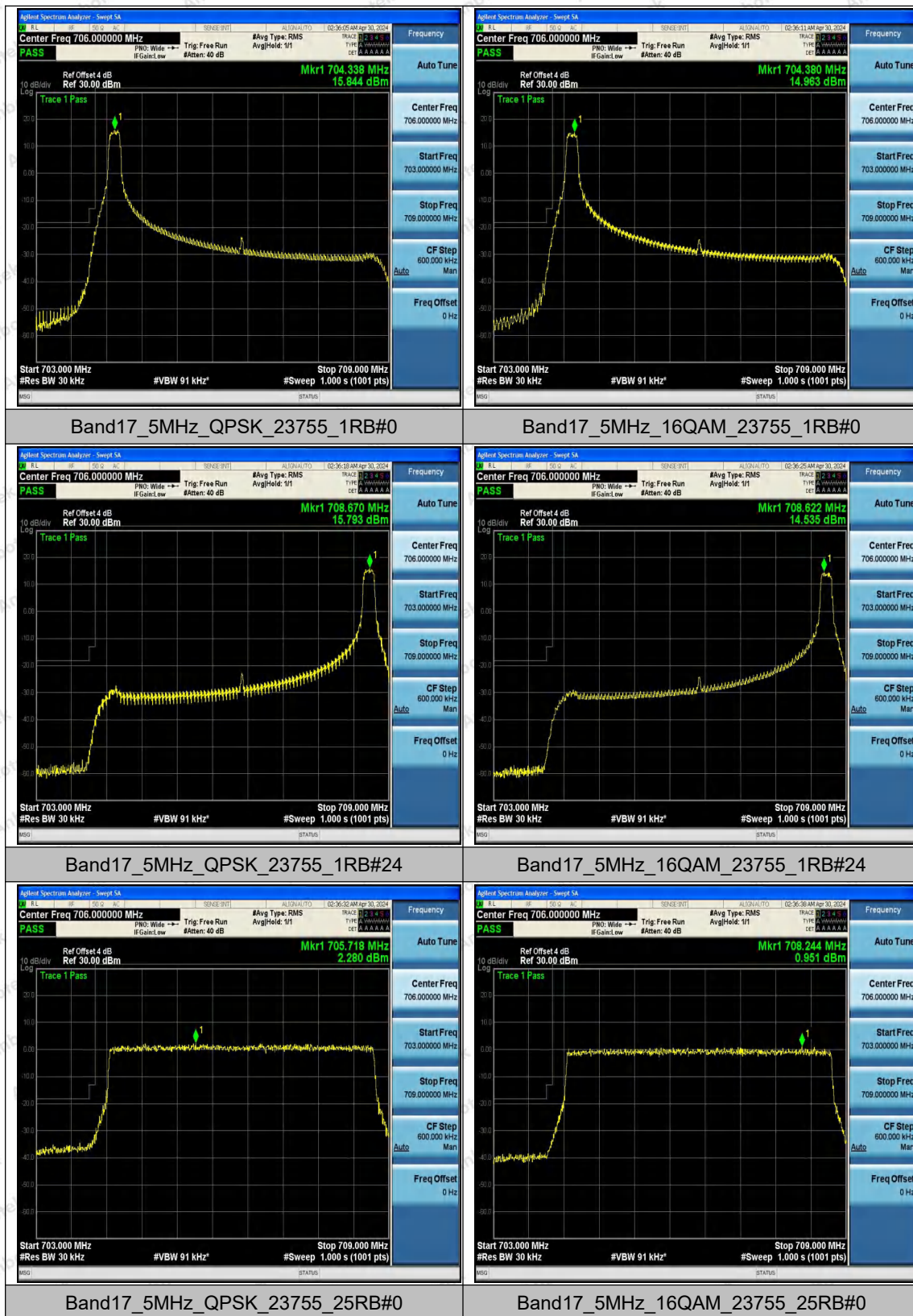
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-21.65	PASS
Band17	5MHz	16QAM	23755	1RB#0	-24.08	PASS
Band17	5MHz	QPSK	23755	1RB#24	-42.14	PASS
Band17	5MHz	16QAM	23755	1RB#24	-41.38	PASS
Band17	5MHz	QPSK	23755	25RB#0	-34.60	PASS
Band17	5MHz	16QAM	23755	25RB#0	-38.18	PASS
Band17	5MHz	QPSK	23825	1RB#0	-41.92	PASS
Band17	5MHz	16QAM	23825	1RB#0	-42.84	PASS
Band17	5MHz	QPSK	23825	1RB#24	-22.34	PASS
Band17	5MHz	16QAM	23825	1RB#24	-25.84	PASS
Band17	5MHz	QPSK	23825	25RB#0	-35.15	PASS
Band17	5MHz	16QAM	23825	25RB#0	-36.22	PASS
Band17	10MHz	QPSK	23780	1RB#0	-30.26	PASS
Band17	10MHz	16QAM	23780	1RB#0	-31.45	PASS
Band17	10MHz	QPSK	23780	1RB#49	-47.59	PASS
Band17	10MHz	16QAM	23780	1RB#49	-48.21	PASS
Band17	10MHz	QPSK	23780	50RB#0	-37.82	PASS
Band17	10MHz	16QAM	23780	50RB#0	-40.33	PASS
Band17	10MHz	QPSK	23800	1RB#0	-48.91	PASS
Band17	10MHz	16QAM	23800	1RB#0	-55.24	PASS
Band17	10MHz	QPSK	23800	1RB#49	-28.35	PASS
Band17	10MHz	16QAM	23800	1RB#49	-29.50	PASS
Band17	10MHz	QPSK	23800	50RB#0	-37.41	PASS
Band17	10MHz	16QAM	23800	50RB#0	-40.00	PASS



Test Graphs



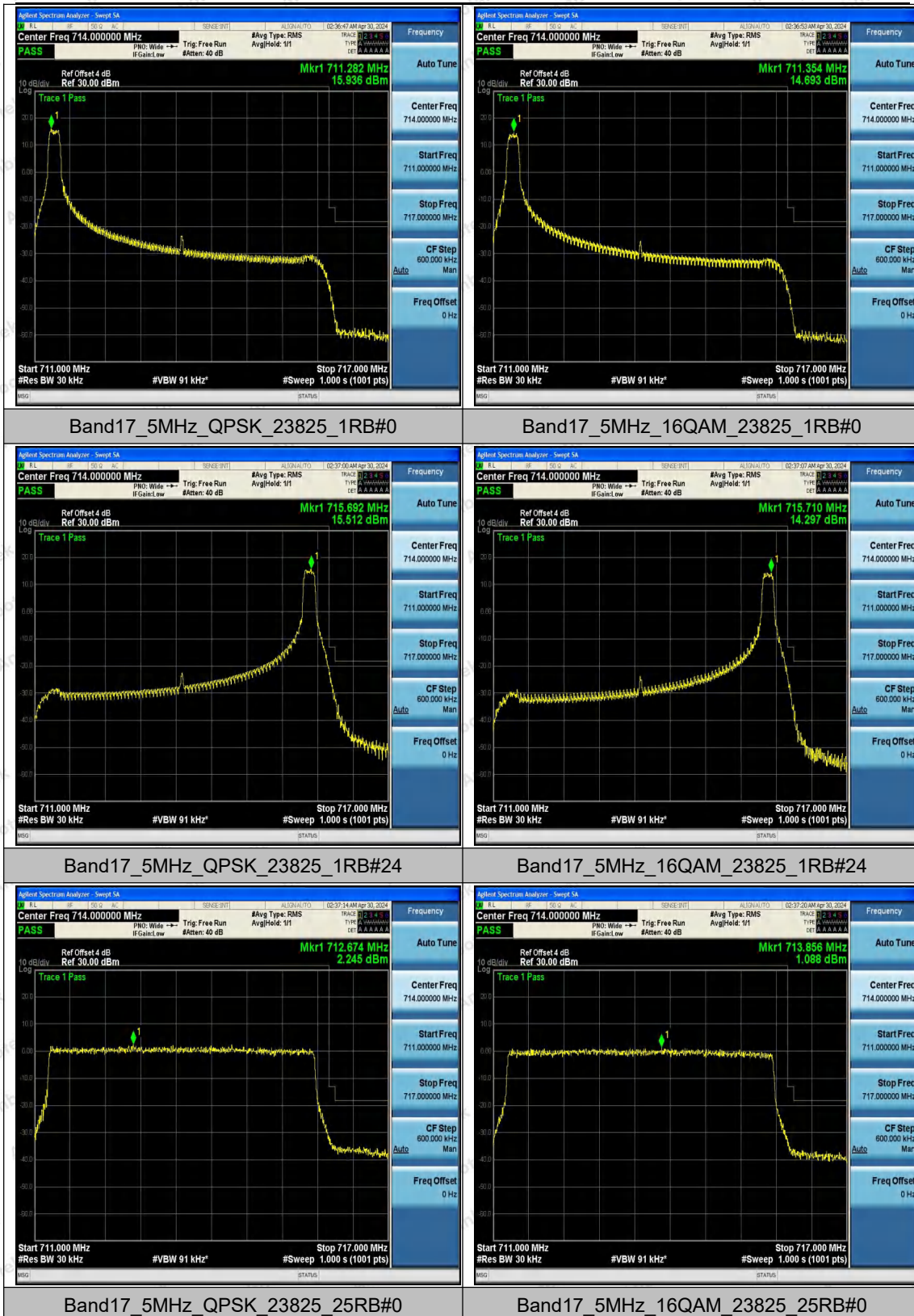
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com.cn





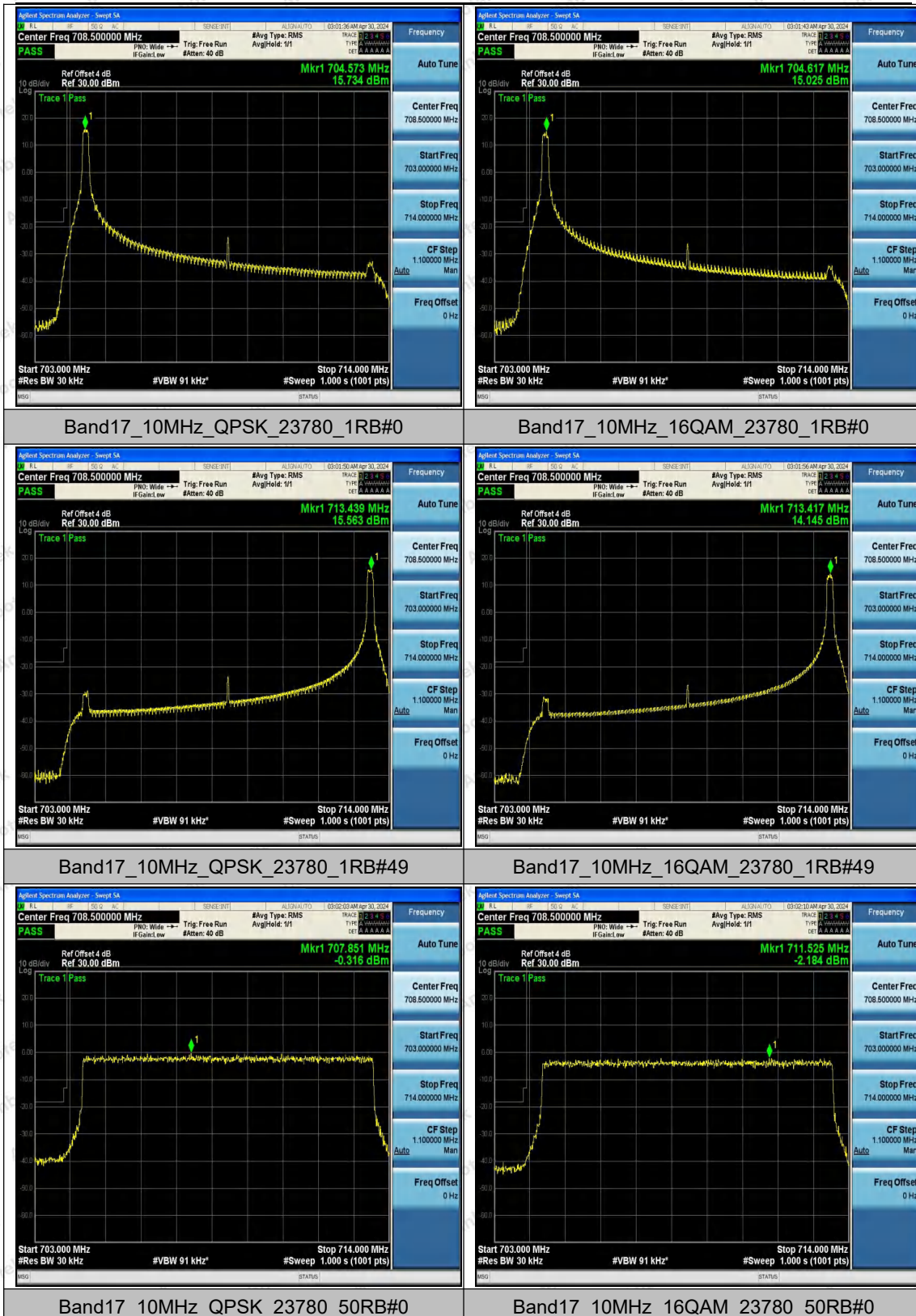
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com.cn





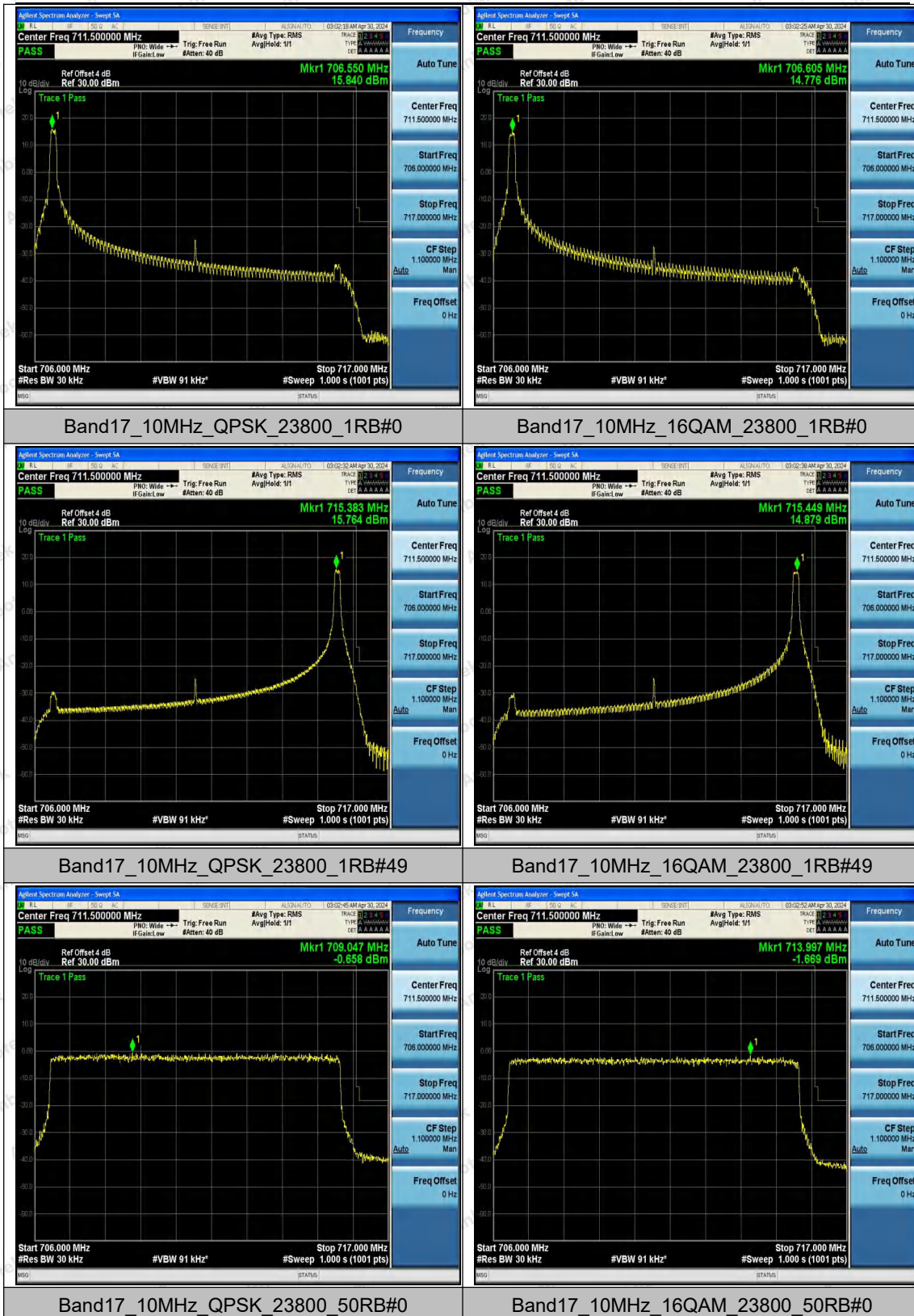
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com.cn





Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	0.009~0.15	-64.05	PASS
Band17	5MHz	QPSK	23755	1RB#0	0.15~30	-59.43	PASS
Band17	5MHz	QPSK	23755	1RB#0	30~1000	-65.13	PASS
Band17	5MHz	QPSK	23755	1RB#0	1000~3000	-42.51	PASS
Band17	5MHz	QPSK	23755	1RB#0	3000~10000	-52.13	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.009~0.15	-60.24	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.15~30	-59.22	PASS
Band17	5MHz	16QAM	23755	1RB#0	30~1000	-65.46	PASS
Band17	5MHz	16QAM	23755	1RB#0	1000~3000	-41.68	PASS
Band17	5MHz	16QAM	23755	1RB#0	3000~10000	-52.15	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.009~0.15	-65.21	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.15~30	-59.70	PASS
Band17	5MHz	QPSK	23790	1RB#0	30~1000	-64.32	PASS
Band17	5MHz	QPSK	23790	1RB#0	1000~3000	-41.79	PASS
Band17	5MHz	QPSK	23790	1RB#0	3000~10000	-52.28	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.009~0.15	-63.32	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.15~30	-61.78	PASS
Band17	5MHz	16QAM	23790	1RB#0	30~1000	-64.60	PASS
Band17	5MHz	16QAM	23790	1RB#0	1000~3000	-43.19	PASS
Band17	5MHz	16QAM	23790	1RB#0	3000~10000	-51.96	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.009~0.15	-62.68	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.15~30	-60.65	PASS
Band17	5MHz	QPSK	23825	1RB#0	30~1000	-63.67	PASS
Band17	5MHz	QPSK	23825	1RB#0	1000~3000	-41.75	PASS
Band17	5MHz	QPSK	23825	1RB#0	3000~10000	-51.74	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.009~0.15	-63.85	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.15~30	-61.40	PASS
Band17	5MHz	16QAM	23825	1RB#0	30~1000	-64.85	PASS
Band17	5MHz	16QAM	23825	1RB#0	1000~3000	-45.99	PASS
Band17	5MHz	16QAM	23825	1RB#0	3000~10000	-52.10	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.009~0.15	-60.47	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.15~30	-60.70	PASS
Band17	10MHz	QPSK	23780	1RB#0	30~1000	-66.21	PASS
Band17	10MHz	QPSK	23780	1RB#0	1000~3000	-42.76	PASS
Band17	10MHz	QPSK	23780	1RB#0	3000~10000	-51.85	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.009~0.15	-63.90	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.15~30	-61.72	PASS

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



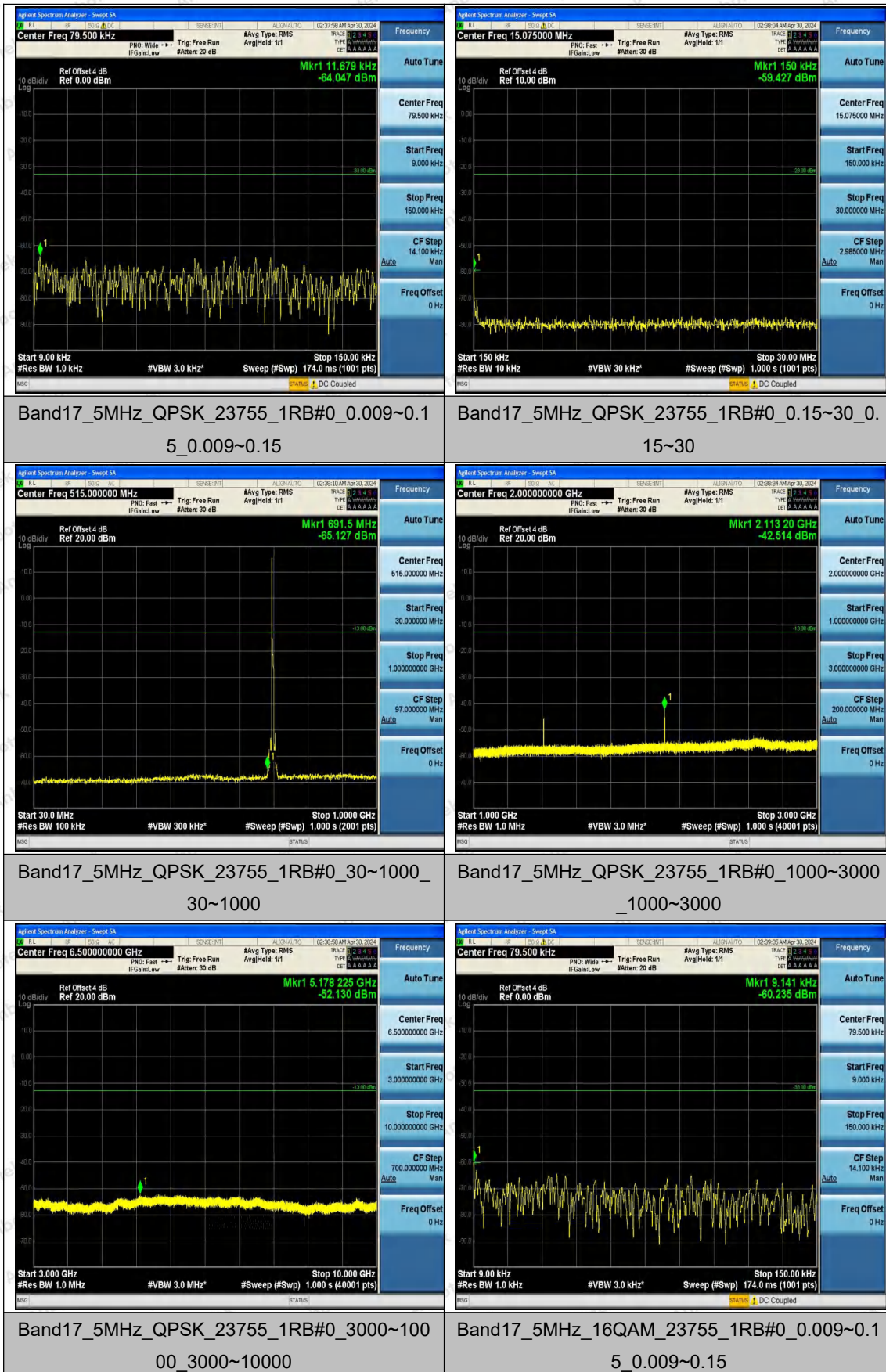
Hotline
400-003-0500
www.anbotek.com.cn



Band17	10MHz	16QAM	23780	1RB#0	30~1000	-66.38	PASS
Band17	10MHz	16QAM	23780	1RB#0	1000~3000	-41.39	PASS
Band17	10MHz	16QAM	23780	1RB#0	3000~10000	-52.25	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.009~0.15	-63.96	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.15~30	-61.26	PASS
Band17	10MHz	QPSK	23790	1RB#0	30~1000	-65.95	PASS
Band17	10MHz	QPSK	23790	1RB#0	1000~3000	-42.01	PASS
Band17	10MHz	QPSK	23790	1RB#0	3000~10000	-51.98	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.009~0.15	-64.32	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.15~30	-61.03	PASS
Band17	10MHz	16QAM	23790	1RB#0	30~1000	-66.19	PASS
Band17	10MHz	16QAM	23790	1RB#0	1000~3000	-44.40	PASS
Band17	10MHz	16QAM	23790	1RB#0	3000~10000	-51.81	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.009~0.15	-63.80	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.15~30	-60.17	PASS
Band17	10MHz	QPSK	23800	1RB#0	30~1000	-66.20	PASS
Band17	10MHz	QPSK	23800	1RB#0	1000~3000	-42.56	PASS
Band17	10MHz	QPSK	23800	1RB#0	3000~10000	-51.90	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.009~0.15	-65.32	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.15~30	-61.61	PASS
Band17	10MHz	16QAM	23800	1RB#0	30~1000	-66.46	PASS
Band17	10MHz	16QAM	23800	1RB#0	1000~3000	-44.10	PASS
Band17	10MHz	16QAM	23800	1RB#0	3000~10000	-51.77	PASS



Test Graphs



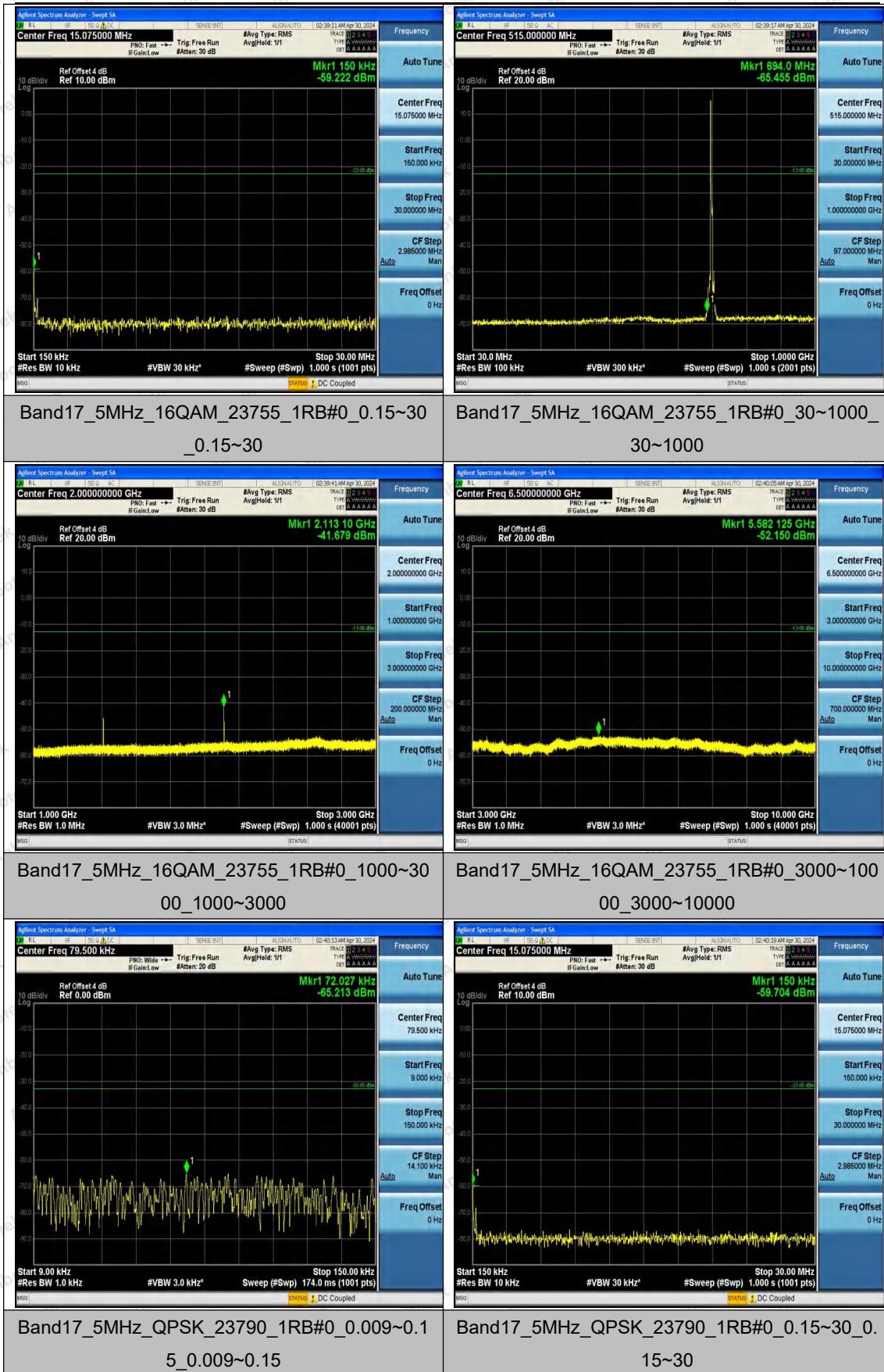
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com.cn





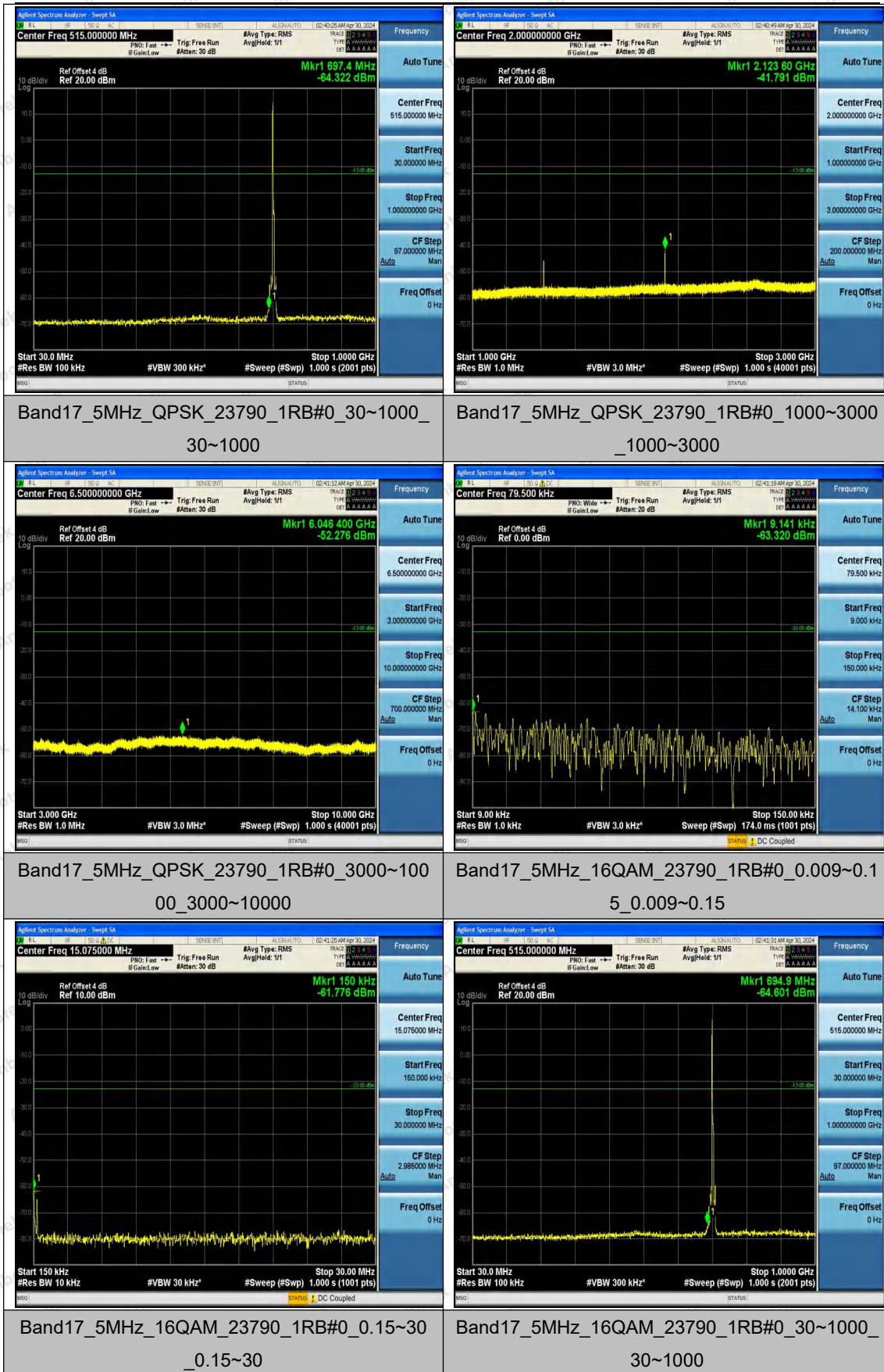
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
 400-003-0500
 www.anbotek.com.cn





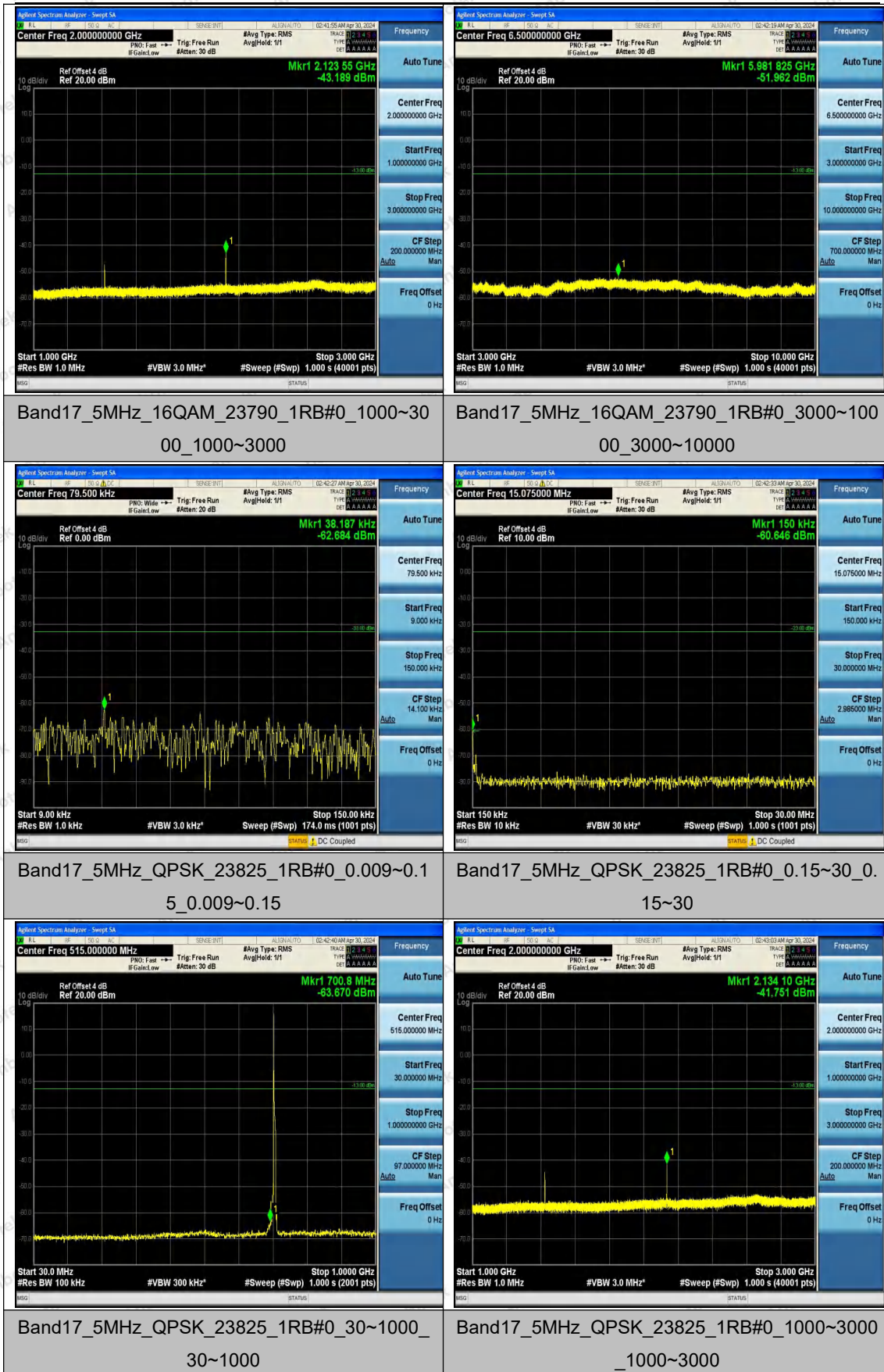
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
 400-003-0500
 www.anbotek.com.cn





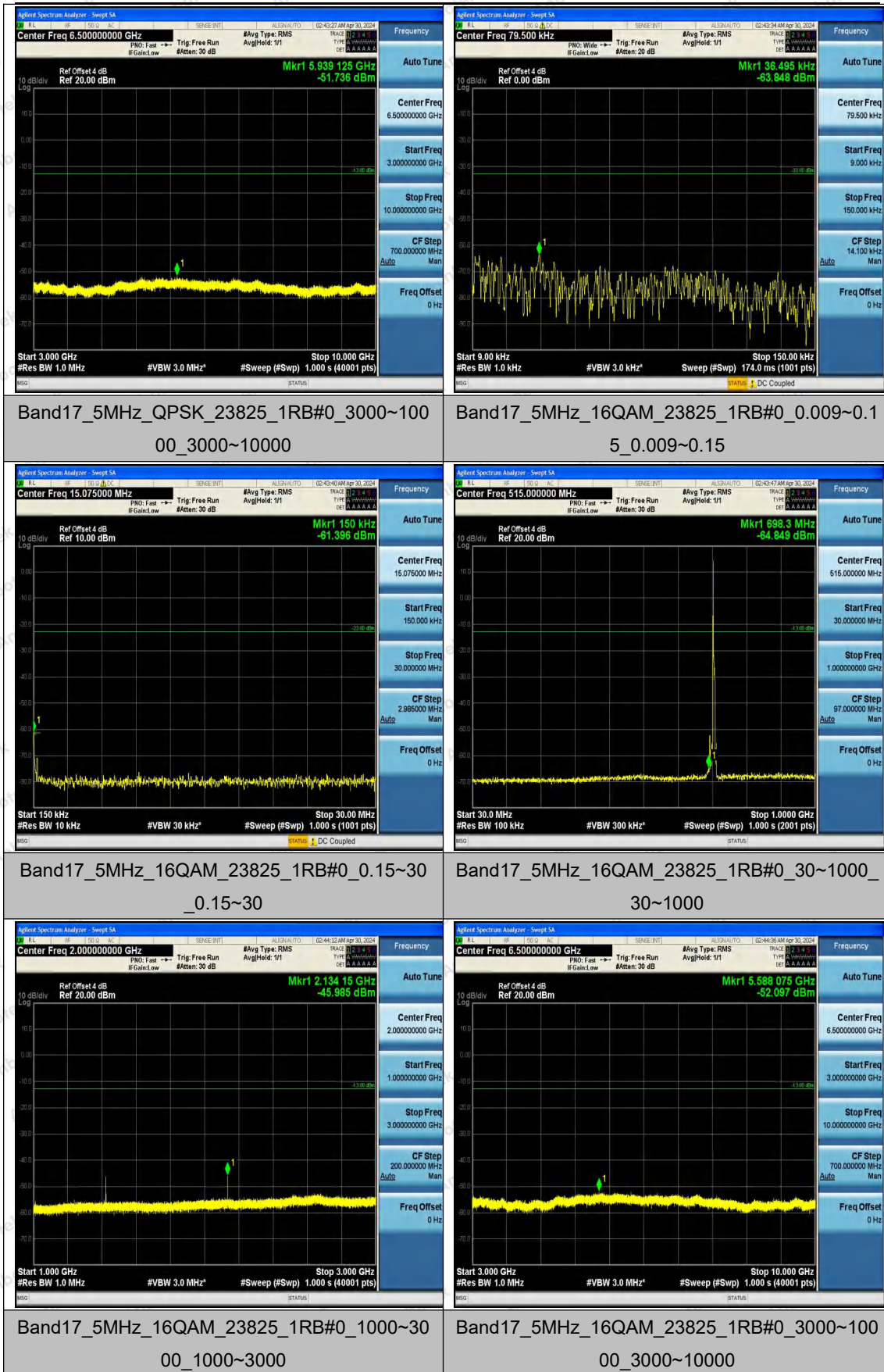
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
 400-003-0500
 www.anbotek.com.cn





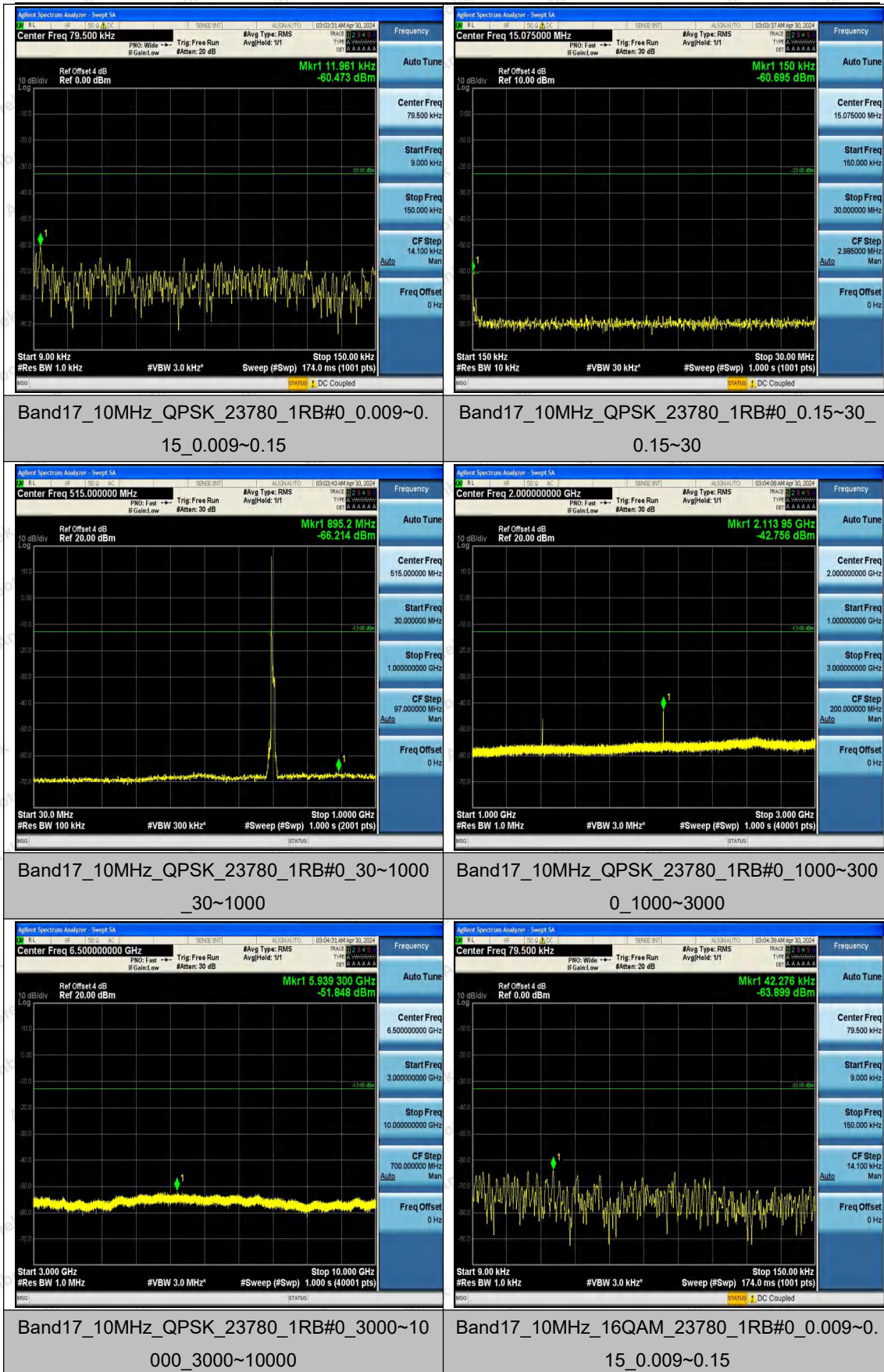
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
 400-003-0500
 www.anbotek.com.cn





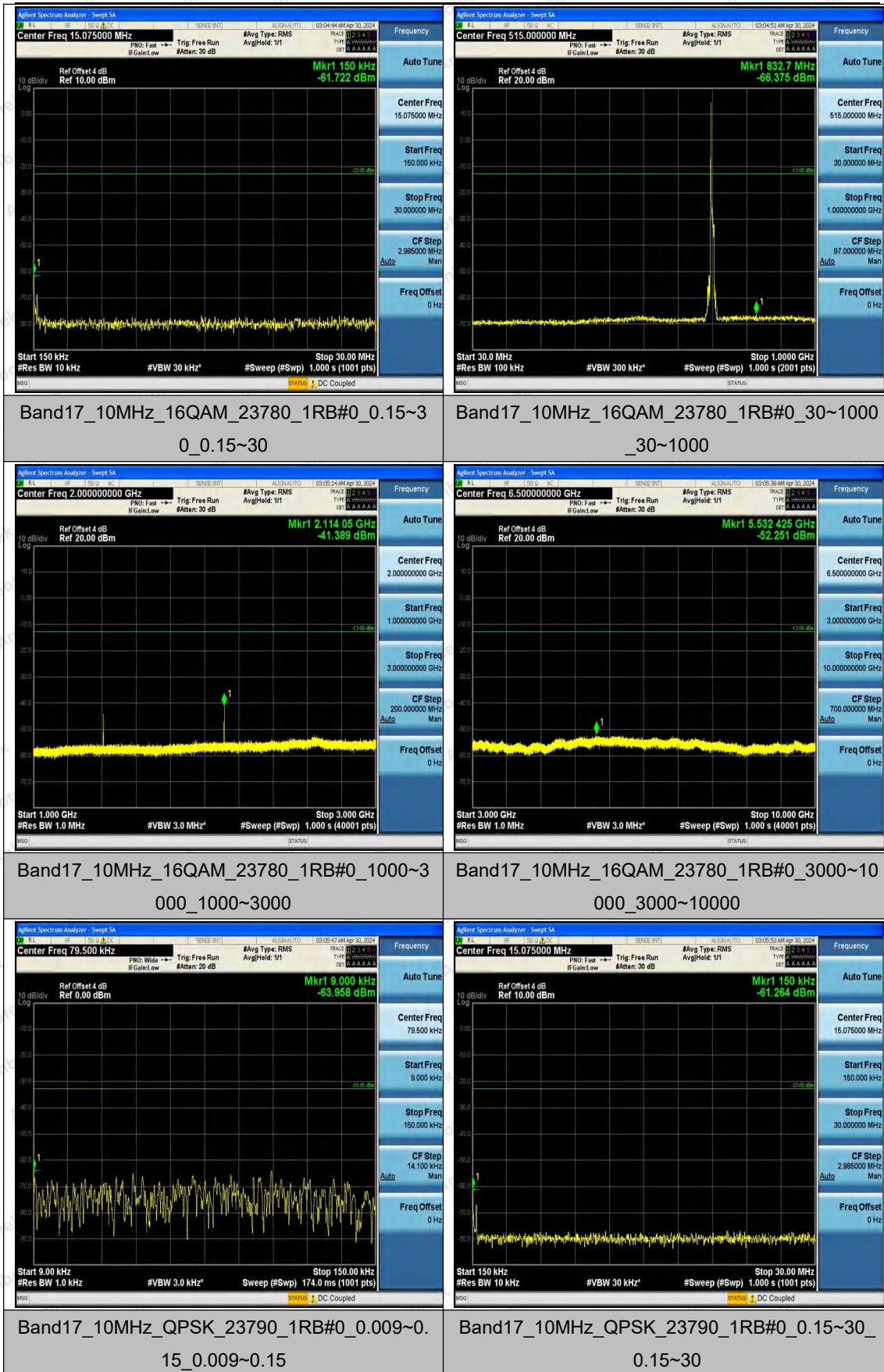
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
 400-003-0500
 www.anbotek.com.cn





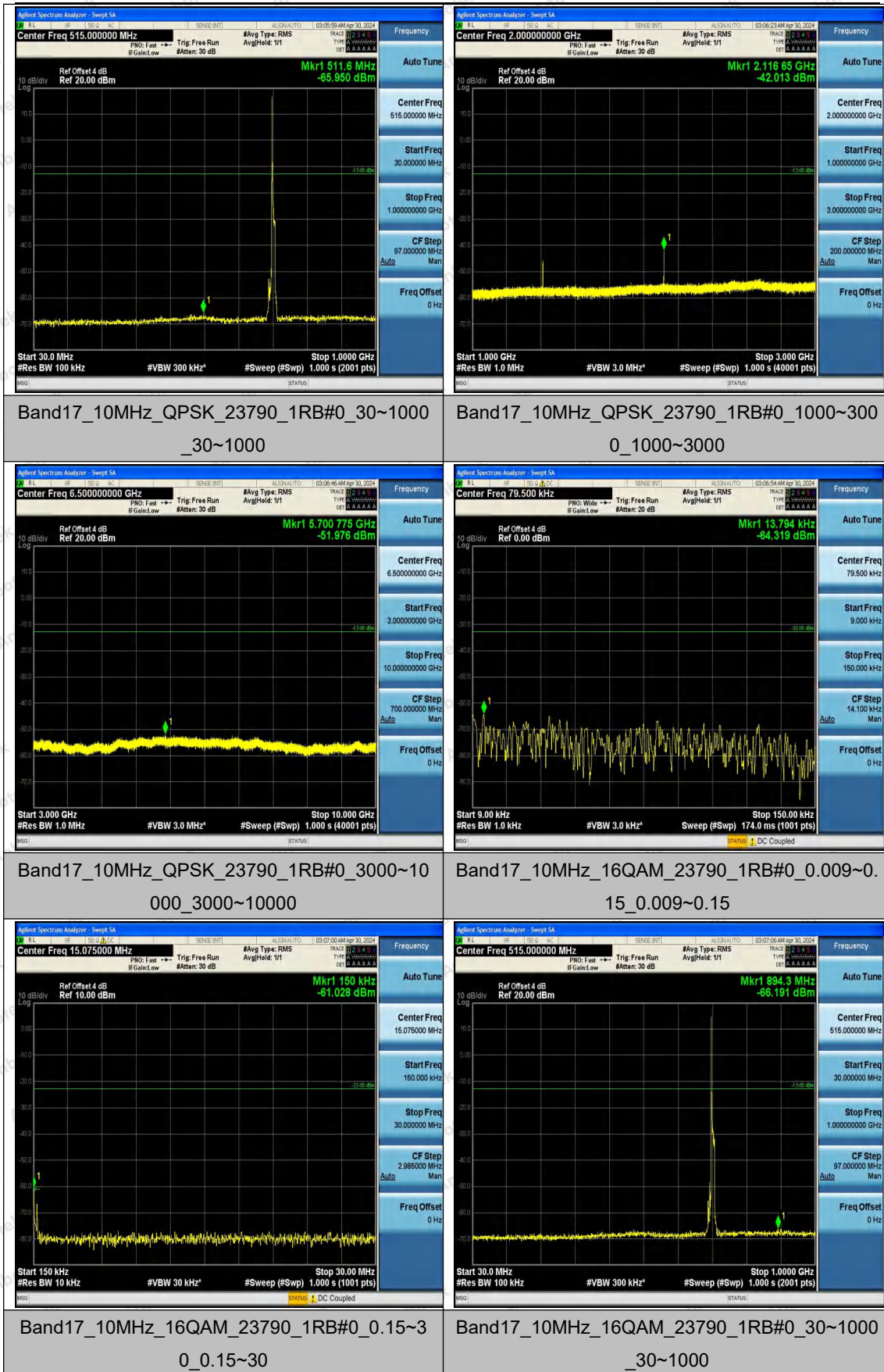
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
 400-003-0500
 www.anbotek.com.cn





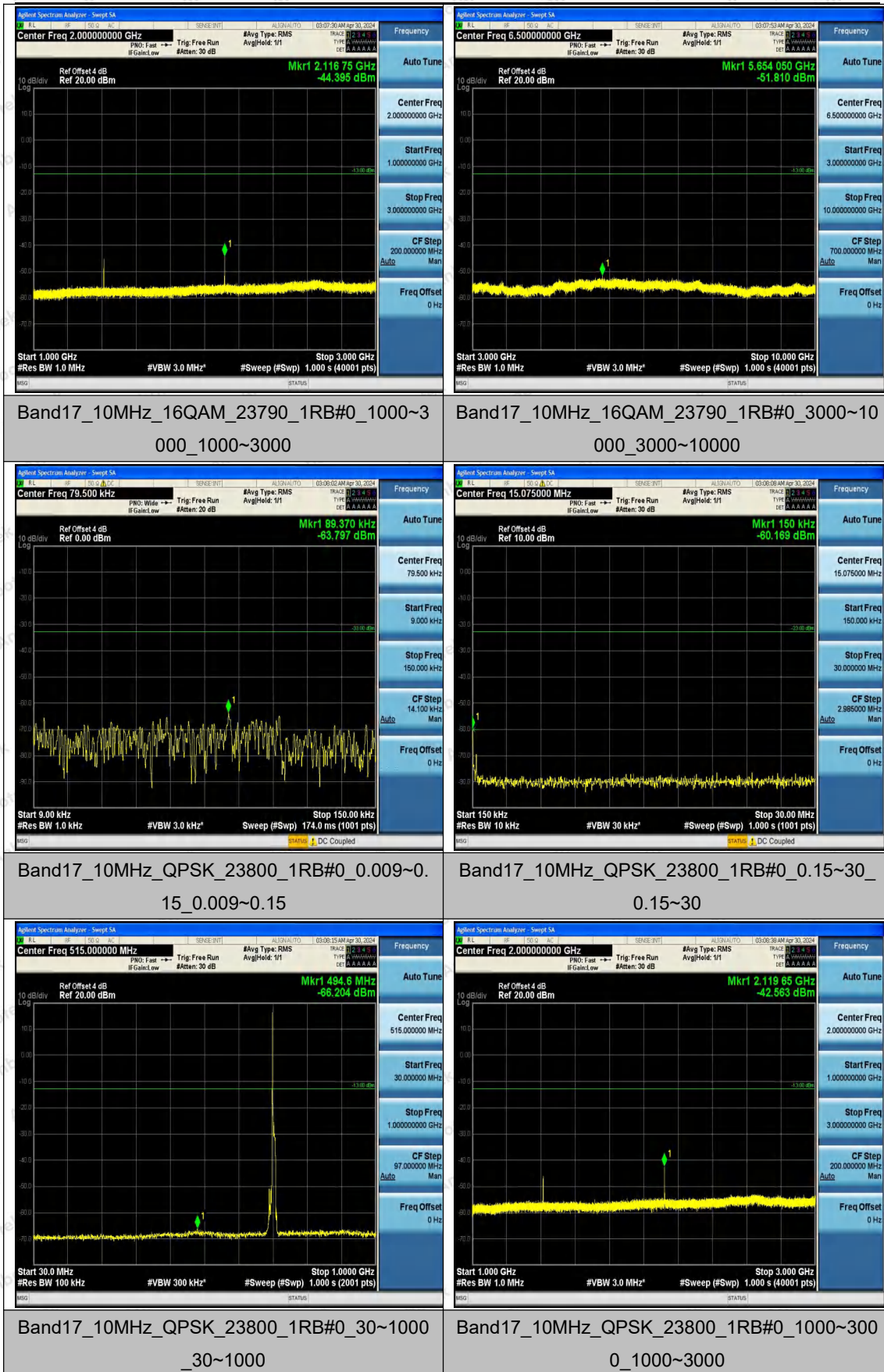
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
 400-003-0500
 www.anbotek.com.cn





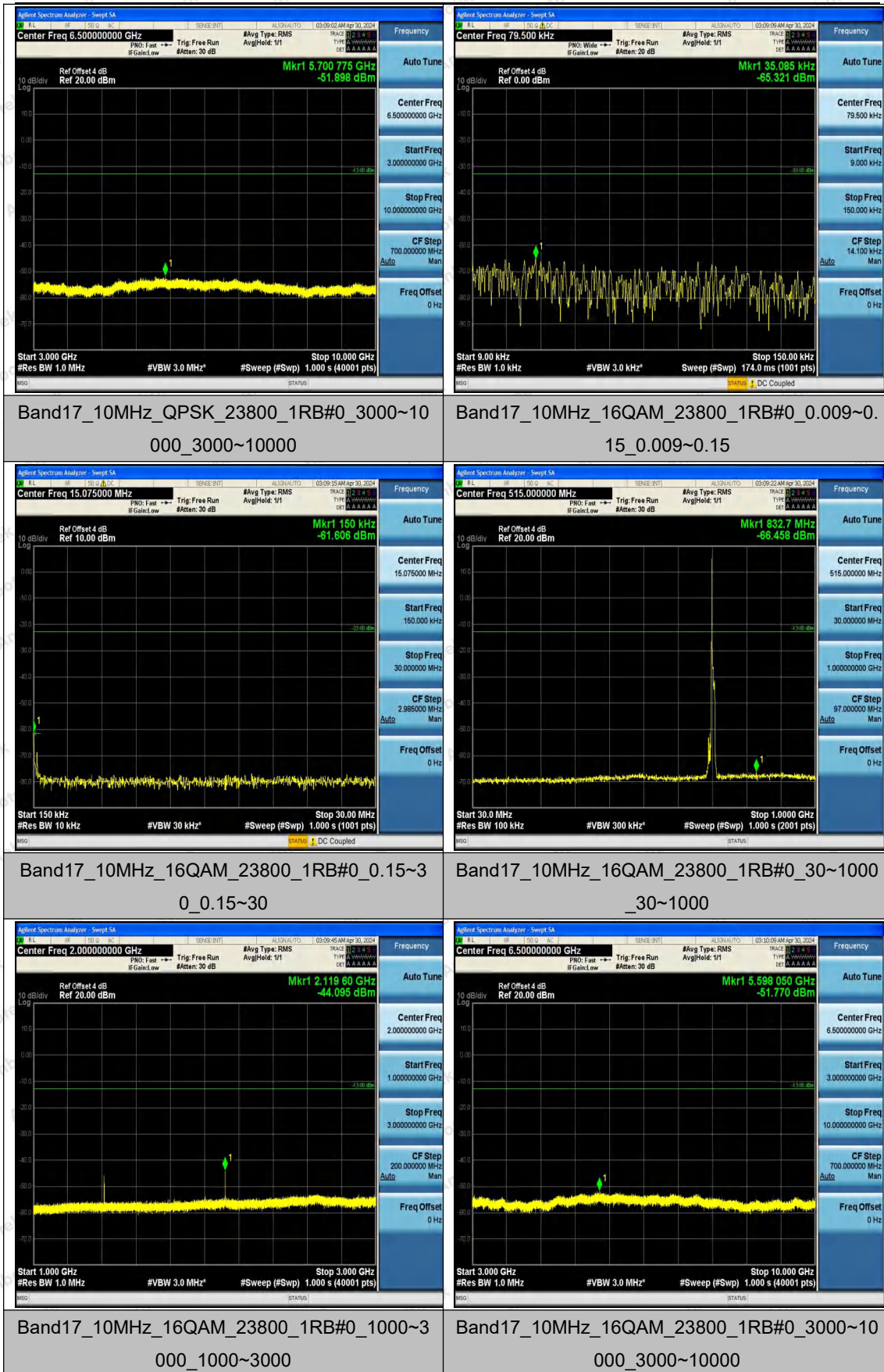
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
 400-003-0500
 www.anbotek.com.cn





Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
 400-003-0500
 www.anbotek.com.cn



Appendix F: Frequency stability VS Voltage measurement

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	VN	NT	-23.32	-0.033008	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-37.52	-0.053107	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	4.25	0.006016	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	16.74	0.023694	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	-6.69	-0.009469	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-31.79	-0.044996	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	8.15	0.011479	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	1.59	0.002239	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	6.51	0.009169	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	19.44	0.027380	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	31.46	0.044310	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	6.64	0.009352	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	-2.15	-0.003013	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-34.82	-0.048802	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	16.85	0.023616	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	14.83	0.020785	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-4.91	-0.006882	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	-33.52	-0.046980	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-23.42	-0.033032	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-14.78	-0.020846	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-11.01	-0.015529	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	21.86	0.030832	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	24.59	0.034683	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	32.24	0.045472	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-2.35	-0.003310	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-50.94	-0.071746	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	33.73	0.047507	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	13.99	0.019704	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	22.20	0.031268	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	15.99	0.022521	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	8.68	0.012208	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-27.79	-0.039086	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-24.53	-0.034501	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	23.56	0.033136	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-4.56	-0.006414	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-35.46	-0.049873	±2.5	PASS



Appendix G: Frequency stability VS Temperature measurement

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	NV	-30	15.61	0.022095	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	20.26	0.028677	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	19.74	0.027941	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	20.86	0.029526	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	11.36	0.016079	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	2.49	0.003524	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-2.68	-0.003793	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	7.50	0.010616	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	4.35	0.006157	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-23.62	-0.033432	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-19.45	-0.027530	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	-14.22	-0.020127	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-5.29	-0.007488	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-37.99	-0.053772	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-36.94	-0.052286	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	-5.65	-0.007997	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-26.81	-0.037948	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	-8.91	-0.012611	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	33.75	0.047535	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	38.74	0.054563	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	38.67	0.054465	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	37.21	0.052408	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	36.09	0.050831	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	47.15	0.066408	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	32.72	0.046085	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	33.87	0.047704	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	42.31	0.059592	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	-30.80	-0.043380	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	-25.03	-0.035254	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-6.65	-0.009366	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-44.05	-0.062042	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-9.71	-0.013676	±2.5	PASS

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com.cn



Band17	5MHz	16QAM	23790	25RB#0	NV	20	32.46	0.045718	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	4.02	0.005662	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	-21.43	-0.030183	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	-48.94	-0.068930	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	41.84	0.058641	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	4.94	0.006924	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	9.14	0.012810	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	14.46	0.020266	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	28.80	0.040364	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	46.59	0.065298	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	39.38	0.055193	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-4.23	-0.005929	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	16.65	0.023336	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	-53.60	-0.075123	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-26.26	-0.036804	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-21.51	-0.030147	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	13.93	0.019523	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-7.30	-0.010231	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	12.60	0.017659	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	27.87	0.039061	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-1.73	-0.002425	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	-21.44	-0.030049	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-6.35	-0.008956	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	2.43	0.003427	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	7.40	0.010437	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	50.98	0.071904	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	29.98	0.042285	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	40.40	0.056982	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	40.87	0.057645	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	44.57	0.062863	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	25.13	0.035444	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-6.71	-0.009464	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-2.57	-0.003625	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-38.50	-0.054302	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-27.39	-0.038632	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-10.73	-0.015134	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-46.38	-0.065416	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-8.67	-0.012228	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	31.46	0.044372	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-5.18	-0.007306	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	46.51	0.065507	±2.5	PASS



Band17	10MHz	QPSK	23790	50RB#0	NV	-20	4.66	0.006563	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	8.08	0.011380	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-3.29	-0.004634	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	6.64	0.009352	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	8.01	0.011282	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	20.47	0.028831	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	38.34	0.054000	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	10.56	0.014873	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	43.12	0.060732	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	28.87	0.040662	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	15.58	0.021944	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-9.88	-0.013915	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-18.14	-0.025549	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	16.19	0.022803	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	24.58	0.034620	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	9.88	0.013915	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-17.14	-0.024141	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	32.20	0.045288	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	32.67	0.045949	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	46.55	0.065471	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-3.35	-0.004712	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	9.20	0.012940	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	23.45	0.032982	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	23.83	0.033516	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	19.56	0.027511	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	24.12	0.033924	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-14.83	-0.020858	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-27.38	-0.038509	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-49.57	-0.069719	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	8.53	0.011997	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	18.11	0.025471	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	7.87	0.011069	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-22.83	-0.032110	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-50.77	-0.071406	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-34.45	-0.048453	±2.5	PASS

---END---

