

Appendix Test Data

Project No.:	18220WC10163601	Test Date:	2021.7.29
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3C°	Relative Humidity:	56.5 %
Pressure:	1012 hPa		

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	20.360	5734.760	5755.120	---	PASS
	Ant2	5745	20.360	5734.960	5755.320	---	PASS
	Ant1	5785	19.520	5774.920	5794.440	---	PASS
	Ant2	5785	20.520	5774.600	5795.120	---	PASS
	Ant1	5825	19.960	5814.880	5834.840	---	PASS
	Ant2	5825	19.680	5815.040	5834.720	---	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) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



Hotline

400-003-0500

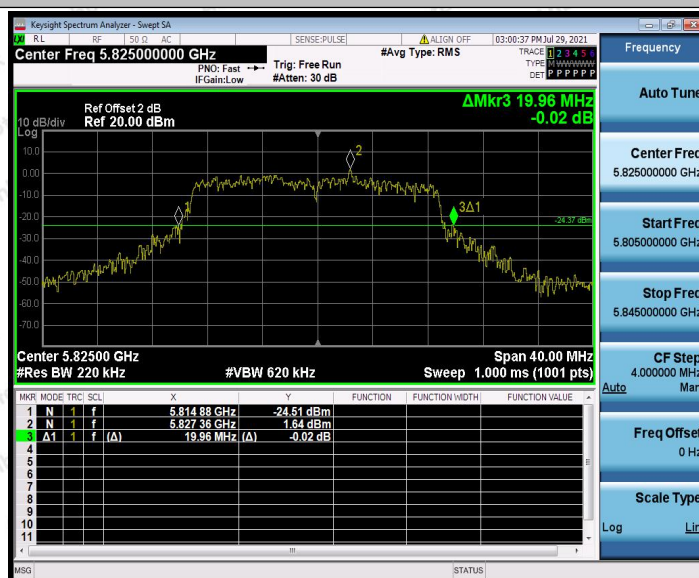
www.anbotek.com



11A_Ant2_5785



11A_Ant1_5825

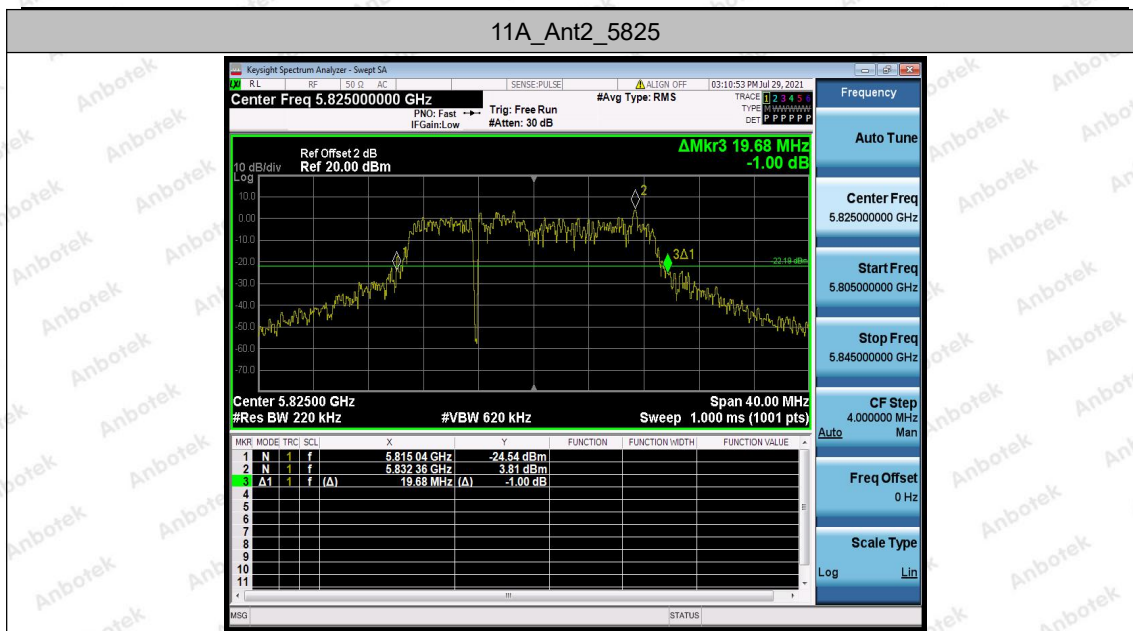


Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com



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) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

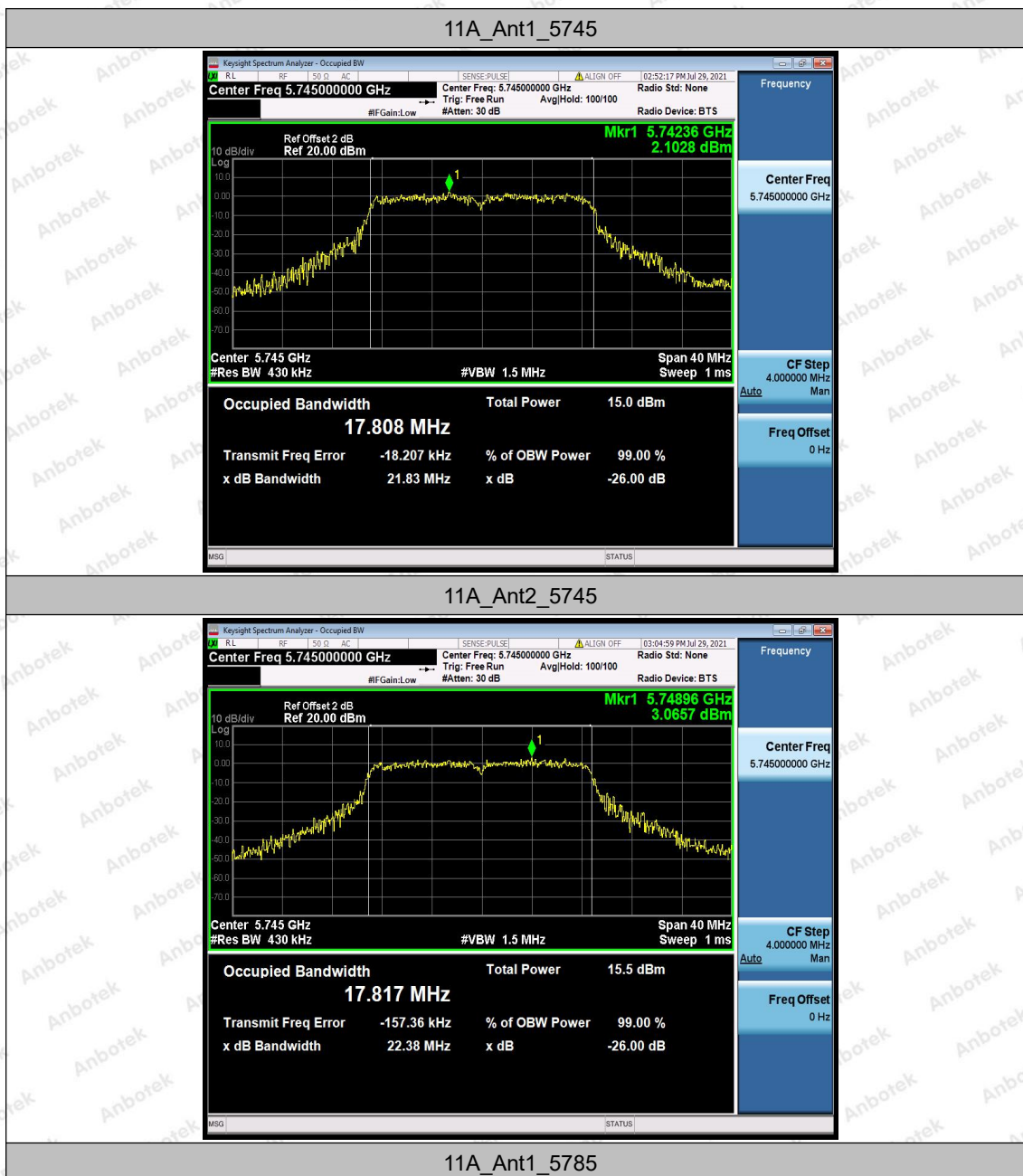
Hotline
400-003-0500
www.anbotek.com

Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.808	5736.078	5753.886	---	PASS
	Ant2	5745	17.817	5735.934	5753.751	---	PASS
	Ant1	5785	17.691	5776.013	5793.704	---	PASS
	Ant2	5785	17.742	5775.932	5793.674	---	PASS
	Ant1	5825	17.796	5815.956	5833.752	---	PASS
	Ant2	5825	17.770	5815.944	5833.714	---	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) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



Hotline

400-003-0500

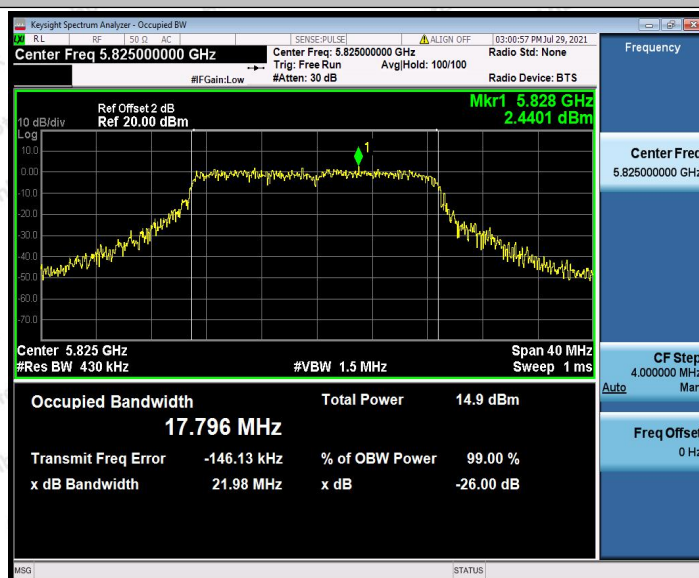
www.anbotek.com



11A_Ant2_5785



11A_Ant1_5825

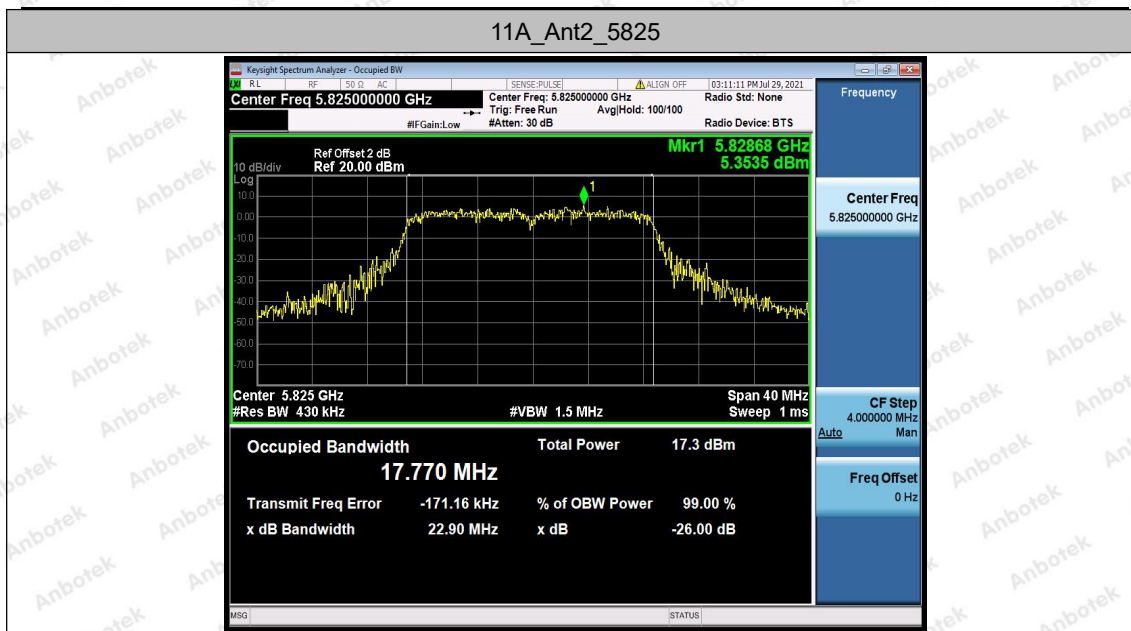


Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com



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) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com

Appendix A3: Min emission bandwidth

Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	14.000	5738.440	5752.440	0.5	PASS
	Ant2	5745	15.640	5737.000	5752.640	0.5	PASS
	Ant1	5785	13.840	5777.600	5791.440	0.5	PASS
	Ant2	5785	15.200	5777.200	5792.400	0.5	PASS
	Ant1	5825	15.800	5816.480	5832.280	0.5	PASS
	Ant2	5825	14.400	5817.200	5831.600	0.5	PASS

Test Graphs



Shenzhen Anbotek Compliance Laboratory Limited

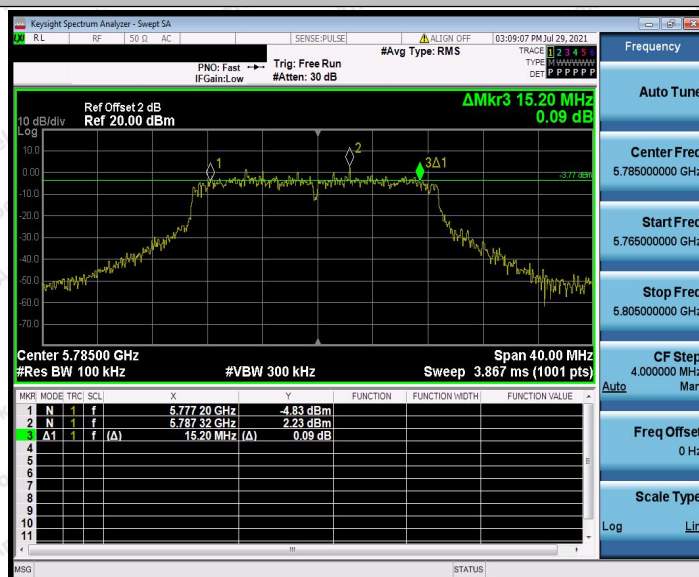
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com



11A_Ant2_5785



11A_Ant1_5825

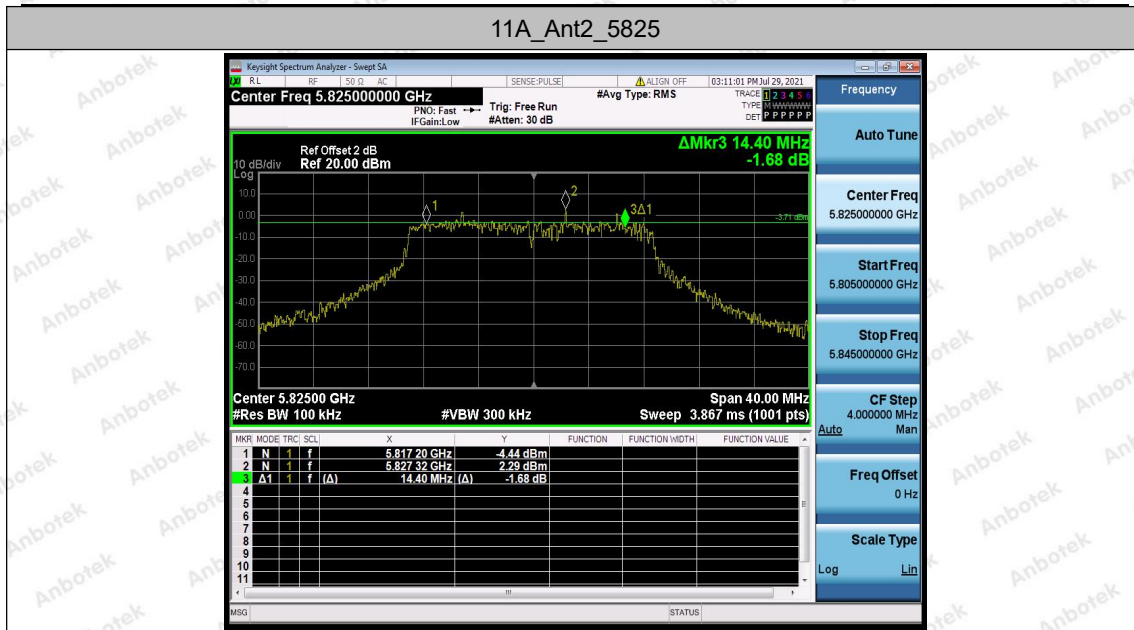


Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com

**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) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



Hotline

400-003-0500

www.anbotek.com

Appendix B: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5745	17.35	<=30	PASS
	Ant2	5745	18.45	<=30	PASS
	Ant1	5785	16.42	<=30	PASS
	Ant2	5785	17.01	<=30	PASS
	Ant1	5825	17.40	<=30	PASS
	Ant2	5825	18.57	<=30	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Appendix C: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
11A	Ant1	5745	4.41	<=30	PASS
	Ant2	5745	4.2	<=30	PASS
	Ant1	5785	3.52	<=30	PASS
	Ant2	5785	3.35	<=30	PASS
	Ant1	5825	3.47	<=30	PASS
	Ant2	5825	4.32	<=30	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

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) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



Hotline

400-003-0500

www.anbotek.com



11A_Ant2_5785



11A_Ant1_5825



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) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com

**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) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



Hotline

400-003-0500

www.anbotek.com

Appendix D: Band edge measurements

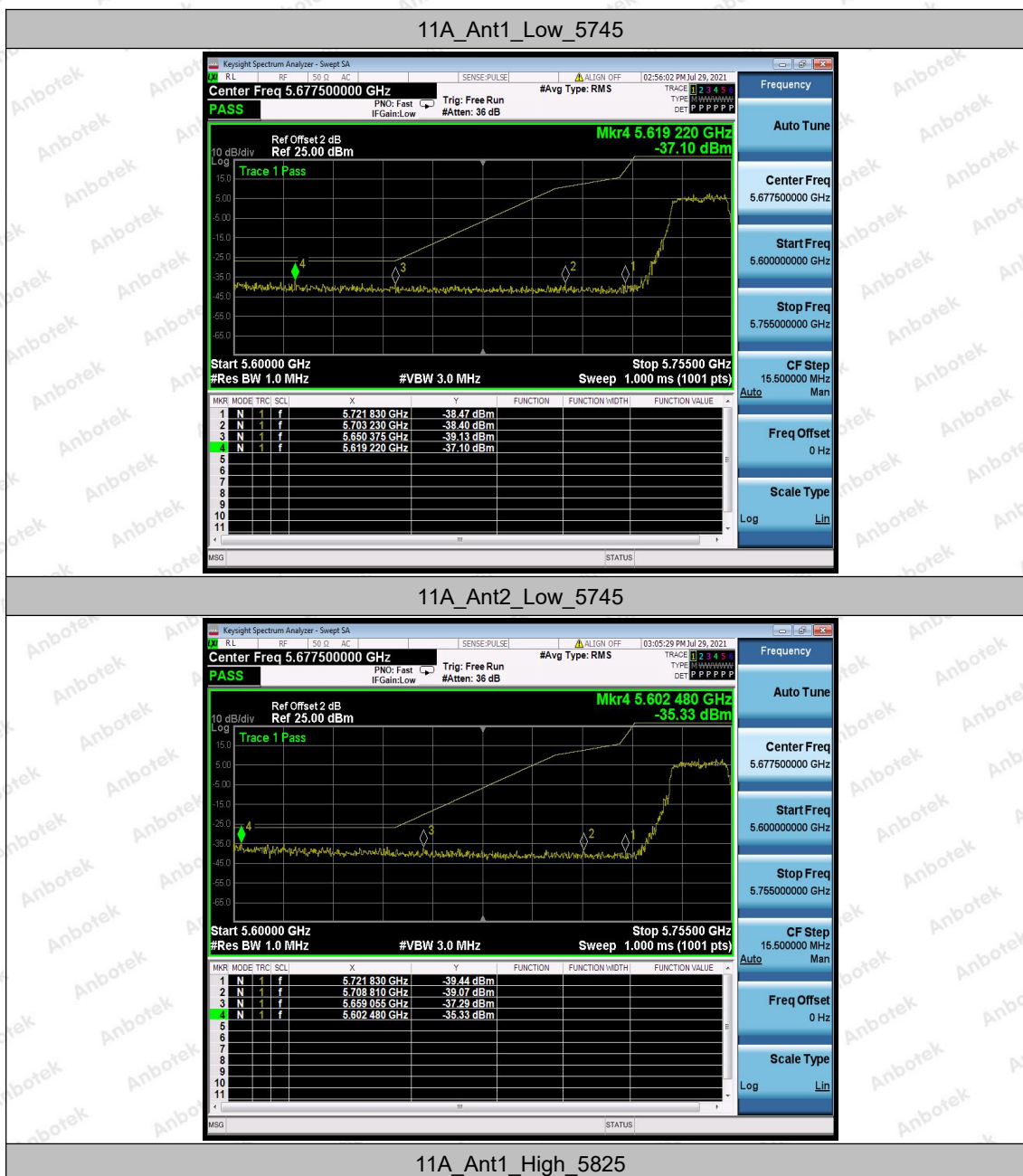
Test Result

TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
TestMode	Antenna	ChName	Channel	Result	Limit	Verdict

TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.13	<=-26.72	PASS
				5700~5720	-38.4	<=10.90	PASS
				5720~5725	-38.47	<=19.77	PASS
				5755~5650	-37.1	<=-27	PASS
	Ant2	Low	5745	5650~5700	-37.29	<=-20.30	PASS
				5700~5720	-39.07	<=12.47	PASS
				5720~5725	-39.44	<=19.77	PASS
				5755~5650	-35.33	<=-27	PASS
	Ant1	High	5825	5850~5855	-38.93	<=21.64	PASS
				5855~5875	-39.05	<=13.84	PASS
				5875~5925	-37.5	<=-14.57	PASS
				5925~5950	-40.08	<=-27	PASS
	Ant2	High	5825	5850~5855	-39.68	<=19.59	PASS
				5855~5875	-39.08	<=15.10	PASS
				5875~5925	-39.66	<=-7.02	PASS
				5925~5950	-39.86	<=-27	PASS

Test Graphs

Band edge measurements



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) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com



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) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com

Appendix E: Frequency Stability

Test Result

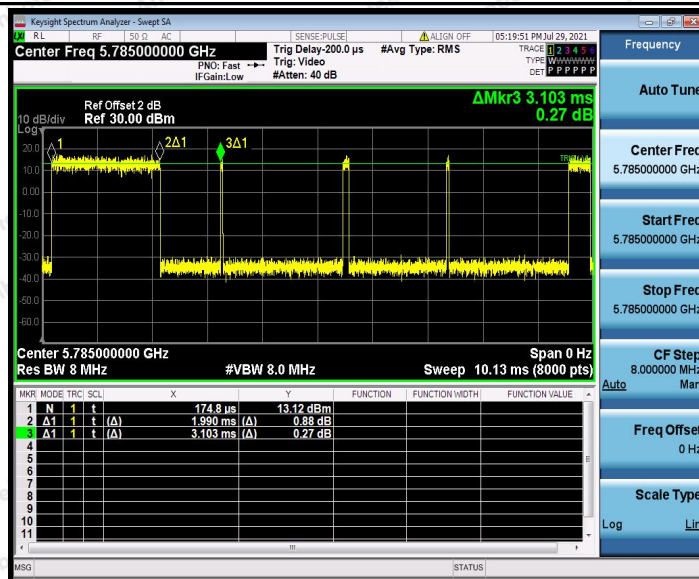
Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	NT	9000	1.56658	20	PASS
			LV	NT	7000	1.218451	20	PASS
			HV	NT	7000	1.218451	20	PASS
	Ant2	5745	NV	NT	19000	3.307224	20	PASS
			LV	NT	19000	3.307224	20	PASS
			HV	NT	21000	3.655352	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	-30	8000	1.392515	20	PASS
			NV	-20	9000	1.56658	20	PASS
			NV	-10	10000	1.740644	20	PASS
			NV	0	12000	2.088773	20	PASS
			NV	10	13000	2.262837	20	PASS
			NV	20	14000	2.436902	20	PASS
			NV	30	15000	2.610966	20	PASS
			NV	40	16000	2.78503	20	PASS
			NV	50	17000	2.959095	20	PASS
	Ant2	5745	NV	-30	21000	3.655352	20	PASS
			NV	-20	23000	4.003481	20	PASS
			NV	-10	23000	4.003481	20	PASS
			NV	0	24000	4.177546	20	PASS
			NV	10	25000	4.35161	20	PASS
			NV	20	26000	4.525674	20	PASS
			NV	30	27000	4.699739	20	PASS
			NV	40	27000	4.699739	20	PASS
			NV	50	28000	4.873803	20	PASS

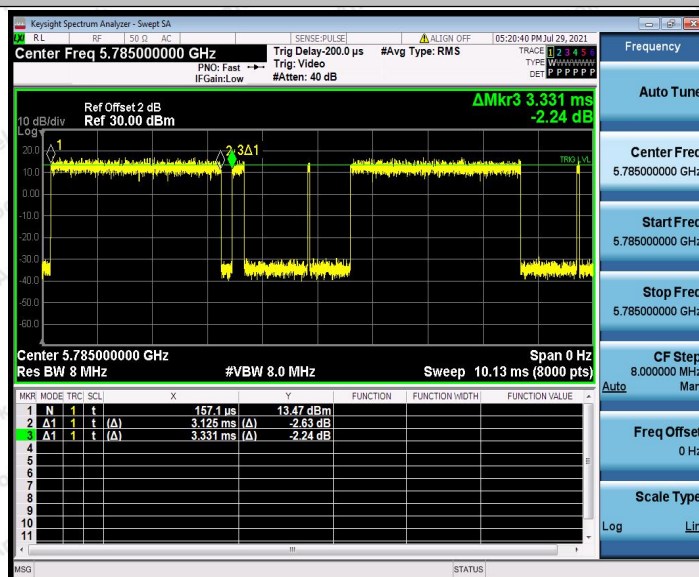
Appendix F: Duty Cycle

Test Result

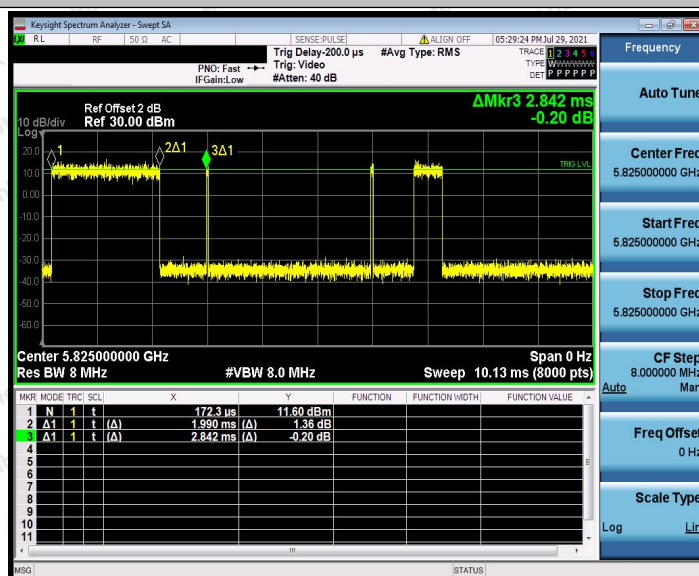
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5745	1.79	3.91	45.78	---	PASS
	Ant2	5745	0.92	1.71	53.80	---	PASS
	Ant1	5785	1.99	3.10	64.19	---	PASS
	Ant2	5785	3.12	3.33	93.69	---	PASS
	Ant1	5825	1.99	2.84	70.07	---	PASS
	Ant2	5825	1.99	2.84	70.07	---	PASS



11A_Ant2_5785



11A_Ant1_5825

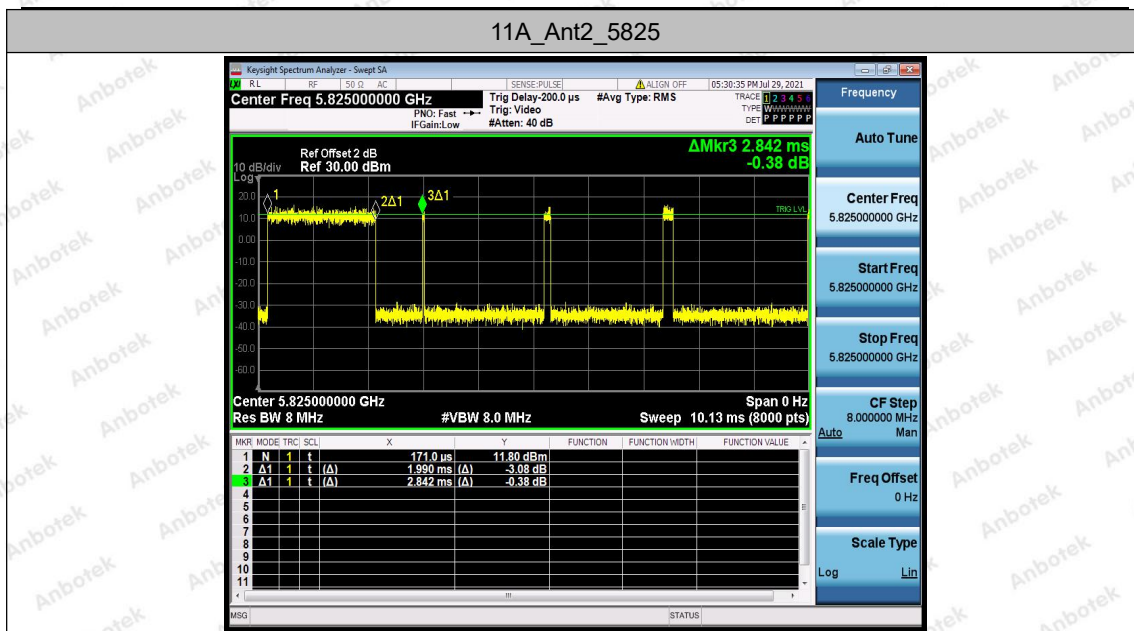


Shenzhen Anbotech Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

Hotline
400-003-0500
www.anbotech.com



---End---