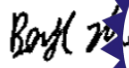


TEST REPORT

FCC ID. :	2BTMG-ZCY65	
Test Report No..... :	TCT251201E009	
Date of issue..... :	Dec. 19, 2025	
Testing laboratory	SHENZHEN TONGCE TESTING LAB	
Testing location/ address:	2101 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China	
Applicant's name..... :	Shenzhen Zhichengyingke Technology Co., Ltd.	
Address..... :	Rm 1713, Block B, Bldg 4, Tian 'an Digital City, Longcheng Subdistrict, Longgang, Shenzhen, China	
Manufacturer's name ... :	Shenzhen Zhichengyingke Technology Co., Ltd.	
Address..... :	Rm 1713, Block B, Bldg 4, Tian 'an Digital City, Longcheng Subdistrict, Longgang, Shenzhen, China	
Standard(s)	FCC Part §1.1310	
Product Name..... :	Cell Phone Signal Booster	
Trade Mark	SignalBrick	
Model/Type reference..... :	ZCY65A, ZCY65B	
Rating(s)..... :	Adapter Information: Model: WTA24-1201500-U Input: AC 100-240V, 50/60Hz, 1.0A Output: DC 12V, 1.5A	
Date of receipt of test item	Dec. 01, 2025	
Date (s) of performance of test..... :	Dec. 01, 2025 ~ Dec. 19, 2025	
Tested by (+signature) ... :	Aaron MO	
Check by (+signature).... :	Beryl ZHAO	
Approved by (+signature):	Tomsin	

**General disclaimer:**

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Table of Contents

1. General Product Information	3
1.1. EUT description	3
1.2. Model(s) list.....	3
2. General Information.....	4
2.1. Test environment and mode.....	4
2.2. Description of Support Units.....	4
3. Facilities and Accreditations	5
3.1. Facilities	5
3.2. Location	5
4. Test Results and Measurement Data	6
4.1. Requirements.....	6
4.2. MPE Calculation	6
4.3. Test Result	7

1. General Product Information

1.1. EUT description

Product Name.....:	Cell Phone Signal Booster
Model/Type reference.....:	ZCY65A
Sample Number.....:	TCT251201E008-0101
Operation Frequency	PCS Uplink: 1850MHz - 1915MHz, Downlink: 1930MHz - 1995MHz AWS Uplink: 1710MHz - 1755MHz, Downlink: 2110MHz - 2155MHz Cellular Uplink: 824MHz - 849MHz, Downlink: 869MHz - 894MHz Lower700MHz Uplink: 698MHz - 716MHz, Downlink: 728MHz - 746MHz Upper700MHz Uplink: 776MHz - 787MHz, Downlink: 746MHz - 757MHz
Signal Booster Type.....:	Mobile Consumer Signal Booster
Emission Designator	F9W, G7D, G7W, GXW, W7D
FCC Classification	B2W/Wideband Consumer Booster (CMRS)
Rating(s).....:	Adapter Information: Model: WTA24-1201500-U Input: AC 100-240V, 50/60Hz, 1.0A Output: DC 12V, 1.5A

Note: The antenna gain listed in this report is provided by applicant, and the test laboratory is not responsible for this parameter.

1.2. Model(s) list

No.	Model No.	Tested with
1	ZCY65A	☒
Other models	ZCY65B	☐

Note: ZCY65A is tested model, other models are derivative models. The models are identical in circuit and PCB layout, only different on the model names and appearance. So the test data of ZCY65A can represent the remaining models.

2. General Information

2.1. Test environment and mode

Item	Normal condition
Temperature	+25°C
Voltage	DC 12V
Humidity	56%
Atmospheric Pressure:	1008 mbar
Test Mode:	
Engineering mode:	Keep the EUT in continuous transmitting by select channel

2.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Equipment	Model No.	Serial No.	FCC ID	Trade Name
/	/	/	/	/

3. Facilities and Accreditations

3.1. Facilities

The test facility is recognized, certified, or accredited by the following organizations:

- FCC - Registration No.: 645098

SHENZHEN TONGCE TESTING LAB

Designation Number: CN1205

The testing lab has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

- A2LA-No.: 4320.01

SHENZHEN TONGCE TESTING LAB

The testing lab has been accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories.

3.2. Location

SHENZHEN TONGCE TESTING LAB

Address: 2101 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China

TEL: +86-755-27673339

4. Test Results and Measurement Data

4.1. Requirements

Limits For Maximum Permissible Exposure (MPE)				
Frequency range (MHz)	Electric field strength(V/m)	Magnetic field Strength(A/m)	Power density (mw/cm ²)	Averaging time (minutes)
0.3-1.34	614	1.63	*100	30
1.34-30	824/f	2.19/f	*180/f ²	30
30-300	27.5	0.0173	0.2	30
300-1,500			f/1500	30
1,500-100,000			1.0	30

4.2. MPE Calculation

Predication of MPE limit at a given distance

$$S = \frac{PG}{4\pi R^2}$$

S = Power density (In appropriate units, e.g., W/m²)

P = Power input to the antenna (In appropriate units, e.g., W)

G = Power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor,

Is normally numeric gain

R =Distance to the center of radiation of the antenna(In appropriate units, e.g., m)

4.3. Test Result

Operation Bands	Frequency (MHz)	Max. Output power(dBm)	Cable loss (dB)	Power to Antenna(mW)	Antenna gain	
					Isotropic	Numeric
UL1850-1915	1871.59	20.12	2.9	52.72	7.5	5.62
UL1710-1755	1731.46	19.72	2.9	48.08	7.5	5.62
UL824-869	839.03	20.69	1.8	77.45	6.2	4.17
UL698-716	707.16	20.87	1.8	80.72	6.2	4.17
UL776-787	780.61	20.85	1.8	80.35	6.2	4.17
DL1930-1995	1974.35	6.73	2.9	2.42	7.6	5.75
DL2110-2155	2142.40	5.35	2.9	1.76	7.6	5.75
DL869-894	882.08	8.15	1.8	4.32	5.2	3.31
DL728-746	741.43	4.73	1.8	1.96	5.2	3.31
DL746-757	749.37	4.62	1.8	1.91	5.2	3.31

Operation Bands	Power (mW)	Antenna gain(G)	Measure Distance(cm)	Power density (mW/cm ²)	MPE limit (mW/cm ²)
UL1850-1915	52.72	5.62	20	0.0590	1
UL1710-1755	48.08	5.62	20	0.0538	1
UL824-869	77.45	4.17	20	0.0642	0.56
UL698-716	80.72	4.17	20	0.0669	0.47
UL776-787	80.35	4.17	20	0.0666	0.52
DL1930-1995	2.42	5.75	20	0.0028	1
DL2110-2155	1.76	5.75	20	0.0020	1
DL869-894	4.32	3.31	20	0.0028	0.59
DL728-746	1.96	3.31	20	0.0013	0.49
DL746-757	1.91	3.31	20	0.0013	0.50

Results: PASS

*******END OF REPORT*******