



TEST REPORT

Applicant Name: Shenzhen Tuko Technology Co., Ltd.
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No.9, GuanLan Town, Longhua District, Shenzhen, China
Report Number: 2504A37377E-RF-00B
FCC ID: 2BHBC-AP-1005

Test Standard (s)

47 CFR §1.1310& §2.1091

Sample Description

Product Name: Cell phone Signal Amplifier
Model No.: IAMP-1005, IAMP-1005A, IAMP-1005B,
IAMP-1005C, IAMP-1005D
Trade Mark: N/A
Date Received: 2025-12-22
Report Date: 2026-04-15

Test Result:	The EUT complied with the standards above.
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Prepared and Checked By:

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Approved By:

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Note: This report must not be used by the customer to claim product certification, approval, or endorsement by A2LA, or any agency of the Federal Government. The information marked "#" is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included but no need marked.
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TABLE OF CONTENTS

DOCUMENT REVISION HISTORY 3

GENERAL INFORMATION 4

 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT) 4

 OBJECTIVE 4

 TEST FACILITY 4

RF EXPOSURE 5

 APPLICABLE STANDARD..... 5

 RESULT 5

EXHIBIT A-EUT PHOTOGRAPHS 6

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
Rev.00	2504A37377E-RF-00B	Original Report	2026-04-15

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product Name	Cell phone Signal Amplifier
Tested Model	IAMP-1005
Multiple Model	IAMP-1005A, IAMP-1005B, IAMP-1005C, IAMP-1005D
Model Difference [#]	The differences between the above models are the model name and the sales channels. Please refer to DOS letter for details. The applicant provided model "IAMP-1005" for testing.
Voltage Range [#]	DC 12V from adapter
Adapter Information [#]	Model: XSG-1202500HUS Input: 100-240V~ 50/60Hz 0.8A Output: 12.0V $\Rightarrow$ 2.5A
Sample Serial Number	3EUN-1 (Assigned by ATC, Shenzhen)
Sample/EUT Status	Good condition

Note: This device is a fixed wideband consumer and the Booster Operating frequency bands list below:

Electrical specification	Uplink	Downlink
Frequency Range	698 ~ 716MHz	728 ~ 746MHz
	776 ~ 787MHz	746 ~ 757MHz
	824 ~ 849 MHz	869 ~ 894 MHz
	1850 ~ 1915MHz	1930 ~ 1995MHz
	1710 ~ 1755MHz	2110 ~ 2155MHz

Objective

This test report is in accordance with Part 1-Subpart I and Part 2-Subpart J, Radiofrequency Radiation Exposure of the Federal Communication Commission rules.

The tests were performed in order to determine compliance with §1.1310 & §2.1091 rules.

Test Facility

The test site used by Shenzhen Accurate Technology Co., Ltd. to collect test data is located on the Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Accredited by American Association for Laboratory Accreditation (A2LA).The Certificate Number is 4297.01.

RF EXPOSURE

Applicable Standard

According to subpart 1.1307 (b)(1), 2.1091 systems operating under the provisions of this section shall be operated in a manner that ensures the public is not exposed to RF energy level in excess of the communication guidelines.

Limits for General Population/Uncontrolled Exposure

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	0.073	0.2	30
300–1500	/	/	f/1500	30
1500–100,000	/	/	1.0	30

f = frequency in MHz; * = Plane-wave equivalent power density;

Result

Calculated Formulary:

Predication of MPE limit at a given distance

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

S = power density (in appropriate units, e.g. mW/cm²)

P = power input to the antenna (in appropriate units, e.g., mW).

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 (appropriate units, e.g., cm)

Calculated Result:

Mode	Frequency (MHz)	Tune up EIRP [#]		Evaluation Distance (cm)	Power Density (mW/cm ²)	MPE Limit (mW/cm ²)
		(dBm)	(mW)			
UL	698-716	27.2	524.81	20	0.1045	0.465
	776-787	25.8	380.19	20	0.0757	0.517
	824-849	27.8	602.56	20	0.1199	0.549
	1710-1755	27.0	501.19	20	0.0998	1.0
	1850-1915	25.2	331.13	20	0.0659	1.0
DL	728-746	12.6	18.2	20	0.0036	0.485
	746-757	14.5	28.18	20	0.0056	0.497
	869-894	12.9	19.5	20	0.0039	0.579
	2110-2155	13.0	19.95	20	0.004	1.0
	1930-1995	14.3	26.92	20	0.0054	1.0

Note: The tune up EIRP was declared by the applicant.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 20cm from nearby persons.

Result: Compliance.

EXHIBIT A-EUT PHOTOGRAPHS

Please refer to the Attachment No.1 2504A37377E-RF EUT External Photos and Attachment No.2 2504A37377E-RF EUT Internal Photos.

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