


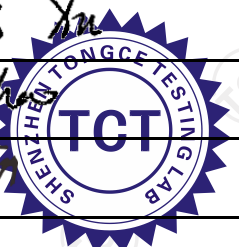


# TEST REPORT

<b>FCC ID</b> .....	RSN-FUSION2GO5G	
<b>Test Report No.</b> .....	TCT230802E002	
<b>Date of issue</b> .....	Aug. 15, 2023	
<b>Testing laboratory</b> .....	SHENZHEN TONGCE TESTING LAB	
<b>Testing location/ address:</b>	2101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China	
<b>Applicant's name</b> .....	Cellphone-Mate Inc. dba SureCall	
<b>Address</b> .....	48346 Milmont Drive, Fremont, California 94538, United States	
<b>Manufacturer's name</b> ...	Cellphone-Mate Inc. dba SureCall	
<b>Address</b> .....	48346 Milmont Drive, Fremont, California 94538, United States	
<b>Standard(s)</b> .....	FCC Part §1.1310	
<b>Product Name</b> .....	Vehicle 5G/4G and LTE Signal Booster	
<b>Trade Mark</b> .....	Surecall	
<b>Model/Type reference</b> .....	Fusion2Go 5G	
<b>Rating(s)</b> .....	Adapter Information: MODEL: GME36A-120300FDS INPUT: AC 100-240V, 50/60Hz, 1.2A OUTPUT: DC 12V, 3A	
<b>Date of receipt of test item</b> .....	Aug. 02, 2023	
<b>Date (s) of performance of test</b> .....	Jul. 04, 2023 ~ Aug. 15, 2023	
<b>Tested by (+signature)</b> ...	Brews XU	
<b>Check by (+signature)</b> .....	Beryl ZHAO	
<b>Approved by (+signature):</b>	Tomsin	



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## Table of Contents

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

## 1. General Product Information

### 1.1. EUT description

<b>Product Name</b> .....:	Vehicle 5G/4G and LTE Signal Booster
<b>Model/Type reference</b> .....:	Fusion2Go 5G
<b>Sample Number</b> .....:	TCT230704E029-0101
<b>Operation Frequency</b> .....	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
<b>Signal Booster Type</b> .....:	Mobile Consumer Signal Booster
<b>Emission Designator</b> .....	F9W, G7D, G7W, GXW, W7D
<b>FCC Classification</b> .....	B2W/Wideband Consumer Booster(CMRS)
<b>Rating(s)</b> .....:	Adapter Information: MODEL: GME36A-120300FDS INPUT: AC 100-240V, 50/60Hz, 1.2A OUTPUT: DC 12V, 3A

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

None.

## 2. General Information

### 2.1. Test environment and mode

Item	Normal condition
Temperature	+25°C
Voltage	DC 12V
Humidity	56%
Atmospheric Pressure:	1008 mbar
<b>Test Mode:</b>	
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.

- IC - Registration No.: 10668A-1

SHENZHEN TONGCE TESTING LAB

CAB identifier: CN0031

The testing lab has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing.

#### 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 <sup>2</sup> )	Averaging time (minutes)
0.3-1.34	614	1.63	*100	30
1.34-30	824/f	2.19/f	*180/f <sup>2</sup>	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/m<sup>2</sup>)

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

G = Power gain og 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	1882.28	25.9	0	389.05	2.48	1.77
UL1710-1755	1735.92	25.8	0	380.19	2.3	1.70
UL824-869	840.40	26.6	0	457.09	2.58	1.81
UL698-716	702.32	26.4	0	436.52	1.58	1.44
UL776-787	781.41	27.5	0	562.34	1.58	1.44
DL1930-1995	1967.70	4.6	0	2.88	3.5	2.24
DL2110-2155	2124.24	4.7	3.76	1.24	7	5.01
DL869-894	878.75	3.8	2.29	1.42	6	3.98
DL728-746	743.50	2.2	2.06	1.03	5	3.16
DL746-757	748.50	2.8	2.06	1.19	5	3.16

Operation Bands	Power (mW)	Antenna gain(G)	Measure Distance(cm)	Power density (mW/cm <sup>2</sup> )	MPE limit (mW/cm <sup>2</sup> )
UL1850-1915	389.05	1.77	20	0.1370	1
UL1710-1755	380.19	1.70	20	0.1284	1
UL824-869	457.09	1.81	20	0.1647	0.56
UL698-716	436.52	1.44	20	0.1249	0.47
UL776-787	562.34	1.44	20	0.1610	0.52
DL1930-1995	2.88	2.24	20	0.0013	1
DL2110-2155	1.24	5.01	20	0.0012	1
DL869-894	1.42	3.98	20	0.0011	0.59
DL728-746	1.03	3.16	20	0.0006	0.50
DL746-757	1.19	3.16	20	0.0007	0.50

**Results: PASS**

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