FCC 47 CFR PART 15 SUBPART B TEST REPORT GSMGLOBE.COM INC Mobile phone Model No.: S1

Prepared for	: GSMGLOBE.COM INC
Address	: 134 NE 1ST ST, MIAMI, FL 33132, USA
Prepared by	: Shenzhen LCS Compliance Testing Laboratory Ltd.
Address	: 1/F., Xingyuan Industrial Park, Tongda Road, Bao'an Avenue,
	Bao'an District, Shenzhen, Guangdong, China
Tel	: (+86)755-82591330
Fax	: (+86)755-82591332
Web	: www.LCS-cert.com
Mail	: webmaster@LCS-cert.com
Date of receipt of test sample	: March 31, 2017
Number of tested samples	: 1
Serial number	: Prototype
Date of Test	• •
Dute of fest	: March 31, 2017 ~ May 06, 2017

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 SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD.
 FCC ID: 2AEJAGOLS1
 Report No.: LCS170331141AE

FCC TEST REPORT FCC 47 CFR PART 15 SUBPART B				
Report Reference No :	LCS170331141AE			
Date Of Issue :	May 06, 2017			
Testing Laboratory Name :	Shenzhen LCS Compliance Testing Laboratory Ltd.			
Address :	1/F., Xingyuan Industrial Park, Tongda Road, Bao'an Avenue, Bao'an District, Shenzhen, Guangdong, China			
Testing Location/ Procedure :	Full application of Harmonised standards			
	Partial application of Harmonised standards			
	Other standard testing method \Box			
Applicant's Name :	GSMGLOBE.COM INC			
Address :	134 NE 1ST ST, MIAMI, FL 33132, USA			
Test Specification				
Standard :	FCC 47 CFR Part 15 Subpart B, ANSI C63.4 -2014			
Test Report Form No :	LCSEMC-1.0			
TRF Originator :	Shenzhen LCS Compliance Testing Laboratory Ltd.			
Master TRF :	Dated 2011-03			
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Test Item Description :	Mobile phone			
Model/ Type Reference :	S1			
Trade Mark :	GOL			
Ratings :	DC 3.7V by Li-ion Battery, 500mAh INPUT: AC 110-264V, 50/60Hz, 500MA; OUTPUT: DC 5V/ 500mA			

Result : Positive

Compiled by:

Kyle Yin/ File administrator

Supervised by:

Approved by:

Glin Lu/ Technique principal

,m

Gavin Liang/ Manager

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FCC -- TEST REPORT

Test Report No. : LCS170331141AE

Date of issue

Type / Model	: S1
EUT	: Mobile phone
Applicant	: GSMGLOBE.COM INC
Address	: 134 NE 1ST ST, MIAMI, FL 33132, USA
Telephone	:/
Fax	:/
Manufacturer	: FLY TECHNOLOGY INDUSTRIAL COMPANY LIMITED
Address	: 21F DACHONG INTERNATIONAL CENTRE, NANSHAN DISTRICT
Telephone	:/
Fax	:/
Factory	: FLY TECHNOLOGY INDUSTRIAL COMPANY LIMITED
Address	: 21F DACHONG INTERNATIONAL CENTRE, NANSHAN DISTRICT
Telephone	:/
Fax	:/

Positive **Test Result** according to the standards on page 5:

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

May 06, 2017

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Revision History

Revision	Issue Date	Revisions	Revised By
00	May 06, 2017	Initial Issue	Gavin Liang

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1. SUMMARY OF STANDARDS AND RESULTS

1.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

EMISSION				
Description of Test Item	Standard	Limits	Results	
Conducted disturbance at mains terminals	FCC 47 CFR Part 15 Subpart B	Class B	PASS	
Radiated disturbance	FCC 47 CFR Part 15 Subpart B	Class B	PASS	
Conducted disturbance at Antenna terminals	FCC 47 CFR Part 15 Subpart B		N/A	
N/A is an abbreviation for Not App	blicable.			

1.2. Special Accessories

Equipment	Manufacturer	Model No.	Serial No.	shielded/ unshielded	Notes
PC	Lenovo	Ideapad	A131101550	/	DOC
Power adapter	Lenovo	CPA-A090	36200414	unshielded	DOC

1.3. Description of Test Modes

The EUT has been tested under operating condition.

This test was performed with EUT in X, Y, Z position and the worst case was found when EUT in X position.

AC conducted emission pre-test at both at power adapter and power from PC modes, recorded worst case;

There was 5 test Modes. TM1 to TM5 were shown below:

TM1: Operate in Camera mode.

TM2: Exchange data with PC.

TM3:Charging with AC dapter.

TM4:Charging with PC.

TM5: Idle mode.

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2. GENERAL INFORMATION

2.1. Description of Device (LOT)

EUT	: Mobile phone
Trade Mark	: GOL
Test Model	: S1
List Models	: Munich, Paris, Plus, Pro, Munich 2, Paris 2
Model Declaration	: PCB board, structure and internal of these model(s) are the sa me, So no additional models were tested
Power Supply	: DC 3.7V by Li-ion Battery, 500mAh INPUT: AC 110-264V, 50/60Hz, 500MA; OUTPUT: DC 5V/ 500mA

2.2. Description of Test Facility

Site Description	
EMC Lab.	: CNAS Registration Number. is L4595.
	FCC Registration Number. is 899208.
	Industry Canada Registration Number. is 9642A-1.
	ESMD Registration Number. is ARCB0108.
	UL Registration Number. is 100571-492.
	TUV SUD Registration Number. is SCN1081.
	TUV RH Registration Number. is UA 50296516-001

2.3. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the LCS quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

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2.4. Measurement Uncertainty

Test	Range	Measurement Uncertainty	Notes
Radiated Emission	30MHz~200MHz	2.96 dB	(1)
Radiated Emission	200MHz~1000MHz	3.10 dB	
Radiated Emission	1~26.5GHz	3.80 dB	(1)
Radiated Emission	26.5-40GHz	3.90 dB	(1)
Conducted Disturbance	0.15~30MHz	1.63 dB	(1)
Power disturbance	30MHz~300MHz	1.60dB	(1)

(1). This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

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3. POWER LINE CONDUCTED EMISSION MEASUREMENT

3.1. Test Equipment

The following test equipments are used during the power line conducted measurement:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	EMI Test Receiver	t Receiver ROHDE & SCHWARZ		101181	2016-06-18
2	10dB Attenuator	SCHWARZBECK	MTS-IMP136	261115-001-00 32	2016-06-18
3	Artificial Mains	ROHDE & SCHWARZ	ENV216	101288	2016-06-18
4	EMI Test Software	AUDIX	E3	N/A	N/A
5	ISN	SCHWARZBECK	NTFM 8158	NTFM 8158 0120	2016-06-18

3.2.Block Diagram of Test Setup



Ground

3.3.Test Standard

Power Line Conducted Emission Limits (Class B)

]	Frequency	7	Limit (dBµV)			
(MHz)			Quasi-peak Level	Average Level		
0.15	~	0.50	66.0 ~ 56.0 *	56.0 ~ 46.0 *		
0.50	~	5.00	56.0	46.0		
5.00	~	30.00 60.0 50.0				
NOTE1. The lower limit shall apply at the transition frequencies						

NOTE1-The lower limit shall apply at the transition frequencies. NOTE2-The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.

3.4.EUT Configuration on Test

The following equipments are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a

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3.5.Operating Condition of EUT

3.4.1.Setup the EUT as shown on Section 3.2

3.4.2.Turn on the power of all equipments.

3.4.3.Let the EUT work in test mode (ON) and measure it.

3.6.Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC/ANSI C63.4-2014 on Conducted Emission Measurement.

The bandwidth of the test receiver is set at 9kHz.

The frequency range from 150kHz to 30MHz is investigated

3.7.Test Results

PASS.

The test result please refer to the next page.





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4. RADIATED EMISSION MEASUREMENT

4.1. Test Equipment

The following test equipments are used during the radiated emission measurement:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	2016-06-18
2	EMI Test Receiver	ROHDE & SCHWARZ	ESR 7	101181	2016-06-18
3	Log per Antenna	SCHWARZBECK	VULB9163	9163-470	2017-04-18
4	EMI Test Software	AUDIX	E3	N/A	2016-06-18
5	Positioning Controller	MF	MF-7082	/	2016-06-18

4.1. Block Diagram of Test Setup



4.2. Radiated Emission Limit (Class B)

Limits for radiated disturbance Blow	w 1GHz
--------------------------------------	--------

FREQUENCY	DISTANCE	FIELD STRENGTHS LIMIT		
MHz	Meters	μV/m	dB(µV)/m	
30 ~ 88	3	100	40	
88 ~ 216	3	150	43.5	
216 ~ 960	3	200	46	
960 ~ 1000	3	500	54	

Remark : (1) Emission level (dB) μ V = 20 log Emission level μ V/m

(2) The smaller limit shall apply at the cross point between two frequency bands.

(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

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4.3. EUT Configuration on Measurement

The following equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

4.4. Operating Condition of EUT

4.5.1.Setup the EUT as shown in Section 4.2.4.5.2.Let the EUT work in test mode (on) and measure it.

4.5. Test Procedure

EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated by-log antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-2014 on radiated emission measurement.

The bandwidth of the EMI test receiver is set at 120kHz, 1000kHz.

The frequency range from 30MHz to 1000MHz is checked.

4.6. Radiated Emission Noise Measurement Result

PASS.

The scanning waveforms please refer to the next page.





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Model No.	S 1	Test Mode	TM2
Environmental Conditions	24°C, 56% RH	Distance	3m
Test Engineer	Kyle Yin	Test date:	April 12, 2017

Frequency	Emission Level dBµV/m		Limits dBµV/m		Margin dBµV/m		Polarization
MHZ	Peak	AV	Peak	AV	Peak	AV	
1325.01	48.60	37.76	74.00	54.00	-25.40	-16.24	Н
1963.74	51.51	39.20	74.00	54.00	-22.49	-14.80	Н
2258.68	48.18	38.74	74.00	54.00	-25.82	-15.26	Н
3252.91	56.38	45.46	74.00	54.00	-17.62	-8.54	Н
4851.27	57.46	43.04	74.00	54.00	-16.54	-10.96	Н
5261.71	53.58	41.84	74.00	54.00	-20.42	-12.16	Н
1419.78	48.82	36.51	74.00	54.00	-25.18	-17.49	V
1829.68	51.09	39.75	74.00	54.00	-22.91	-14.25	V
2962.96	47.15	39.48	74.00	54.00	-26.85	-14.52	V
3562.25	55.87	45.81	74.00	54.00	-18.13	-8.19	V
4480.52	56.46	46.22	74.00	54.00	-17.54	-7.78	V
5944.99	55.18	42.48	74.00	54.00	-18.82	-11.52	V

5. PHOTOGRAPH

Please refer to separated files for Test Setup Photos of the EUT.

6. EXTERNAL AND INTERNAL PHOTOS OF THE EUT

Please refer to separated files for Test Setup Photos of the EUT.

-----THE END OF TEST REPORT-----

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