

JianYan Testing Group Shenzhen Co., Ltd.

Report No: JYTSZE201010201

FCC REPORT

Applicant: SWAGTEK

Address of Applicant: 10205 NW 19th St. Suite 101, Miami, FL, 33172

Equipment Under Test (EUT)

Product Name: 1.8 inch 2G Bar Phone

Model No.: A8, PEARL, Q8

Trade mark: LOGIC, iSWAG, UNONU

FCC ID: 055182619

Applicable standards: FCC CFR Title 47 Part 15 Subpart B

Date of sample receipt: 28 Oct., 2020

Date of Test: 29 Oct., to 23 Nov., 2020

Date of report issued: 24 Nov., 2020

Test Result: PASS *

Authorized Signature:



Bruce Zhang Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the JYT product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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^{*} In the configuration tested, the EUT complied with the standards specified above.



Report No: JYTSZE201010201

Version

Version No.	Date	Description
00	24 Nov., 2020	Original

Remark:

This report was amended on FCC ID: O55182619 follow FCC Class II Permissive Change. The differences between them as below: Dual SIM card mode becomes single SIM card mode. So the Conducted Emission, Radiated Emission re-test.

Tested by:	Mike.ou	Date:	24 Nov., 2020	
	Test Engineer			

Winner Thang Project Engineer Reviewed by: Date: 24 Nov., 2020





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4 Test Summary

Test Item	Section in CFR 47	Result
Conducted Emission	Part 15.107	Pass
Radiated Emission	Part 15.109	Pass

Remark:

- 1. Pass: The EUT complies with the essential requirements in the standard.
- 2. N/A: The EUT not applicable of the test item.

Test Method: ANSI C63.4:2014



5 General Information

5.1 Client Information

Applicant:	SWAGTEK	
Address: 10205 NW 19th St. Suite 101, Miami, FL, 33172		
Manufacturer/ Factory:	SWAGTEK	
Address:	10205 NW 19th St. Suite 101, Miami, FL, 33172	

5.2 General Description of E.U.T.

1		
Product Name:	1.8 inch 2G Bar Phone	
Model No.:	A8, PEARL, Q8	
Power supply:	Rechargeable Li-ion Battery DC3.7V-600mAh	
AC adapter:	Model: YLT-USB-540	
	Input: AC100-240V, 50/60Hz, 0.2A	
	Output: DC 5.0V, 600mA	
Remark:	Model No.: A8, PEARL, Q8 were identical inside, the electrical circuit design, layout, components used and internal wiring, with only difference being model name and trademark:	
	A8 model corresponds to the trademark LOGIC.	
	PEARL model correspond to the trademark iSWAG.	
	Q8 model corresponds to the trademark UNONU.	
Test Sample Condition:	The test samples were provided in good working order with no visible defects.	

5.3 Test Mode and test samples plans

Operating mode	Detail description
PC mode	Keep the EUT in Downloading mode(Worst case)
Charging+Recording mode	Keep the EUT in Charging+Recording mode
Charging+Playing mode	Keep the EUT in Charging+Playing mode
FM mode	Keep the EUT in FM receiver mode

The sample was placed 0.8m above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.

5.4 Measurement Uncertainty

Parameters	Expanded Uncertainty
Conducted Emission (9kHz ~ 30MHz)	±1.60 dB (k=2)
Radiated Emission (9kHz ~ 30MHz)	±3.12 dB (k=2)
Radiated Emission (30MHz ~ 1000MHz)	±4.32 dB (k=2)
Radiated Emission (1GHz ~ 18GHz)	±5.16 dB (k=2)
Radiated Emission (18GHz ~ 40GHz)	±3.20 dB (k=2)



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5.5 Description of Support Units

Manufacturer	Description	Model	Serial Number	FCC ID/DoC
DELL	PC	OPTIPLEX7070	2J8XSZ2	DoC
DELL	MONITOR	SE2018HR	3M7QPY2	DoC
DELL	KEYBOARD	KB216d	N/A	DoC
DELL	MOUSE	MS116t1	MS116t1 N/A	
HP	Printer	HP LaserJet P1007 VNFP409729		DoC

5.6 Related Submittal(s) / Grant (s)

This is an original grant, no related submittals and grants.

5.7 Description of Cable Used

Cable Type Description		Length	From	То
Detached headset cable	Unshielded	0.9m	EUT	Headset

5.8 Additions to, deviations, or exclusions from the method

Nο

5.9 Laboratory Facility

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

• FCC - Designation No.: CN1211

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

● ISED - CAB identifier.: CN0021

The 3m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

● A2LA - Registration No.: 4346.01

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: https://portal.a2la.org/scopepdf/4346-01.pdf

5.10 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.

Address: No.110~116, Building B, Jinyuan Business Building, Xixiang Road,

Bao'an District, Shenzhen, Guangdong, China Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info@ccis-cb.com, Website: http://www.ccis-cb.com





5.11 Test Instruments list

Radiated Emission:						
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)	
3m SAC	SAEMC	9m*6m*6m	966	07-22-2020	07-21-2021	
Loop Antenna	SCHWARZBECK	FMZB1519B	00044	03-07-2020	03-06-2021	
BiConiLog Antenna	SCHWARZBECK	VULB9163	497	03-07-2020	03-06-2021	
Horn Antenna	SCHWARZBECK	BBHA9120D	916	03-07-2020	03-06-2021	
Horn Antenna	SCHWARZBECK	BBHA9120D	1805	06-22-2020	06-21-2021	
Horn Antenna	SCHWARZBECK	BBHA 9170 BBHA9170582 -	DDU 10170502	11-18-2019	11-17-2020	
TIOTTI ATTETITIA	SCHWARZBECK		11-18-2020	11-17-2021		
EMI Test Software	AUDIX	E3	\	ersion: 6.110919	b	
Pre-amplifier	HP	8447D	2944A09358	03-07-2020	03-06-2021	
Pre-amplifier	CD	PAP-1G18	11804	03-07-2020	03-06-2021	
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-05-2020	03-04-2021	
Spectrum analyzer	Rohde & Schwarz	FSP40	100363	11-18-2019	11-17-2020	
Spectrum analyzer	Notice & Scriwarz	F3F40	100303	11-18-2020	11-17-2021	
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-05-2020	03-04-2021	
Cable	ZDECL	Z108-NJ-NJ-81	1608458	03-07-2020	03-06-2021	
Cable	MICRO-COAX	MFR64639	K10742-5	03-07-2020	03-06-2021	
Cable	SUHNER	SUCOFLEX100	58193/4PE	03-07-2020	03-06-2021	

Conducted Emission:					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
EMI Test Receiver	Rohde & Schwarz	ESCI	101189	03-05-2020	03-04-2021
Pulse Limiter	SCHWARZBECK	OSRAM 2306	9731	03-05-2020	03-04-2021
LISN	CHASE	MN2050D	1447	03-05-2020	03-04-2021
LISN	Rohde & Schwarz	ESH3-Z5	8438621/010	07-21-2020	07-20-2021
Cable	HP	10503A	N/A	03-05-2020	03-04-2021
EMI Test Software	AUDIX	E3	\	Version: 6.110919	lb





6 Test results and Measurement Data

6.1 Conducted Emission

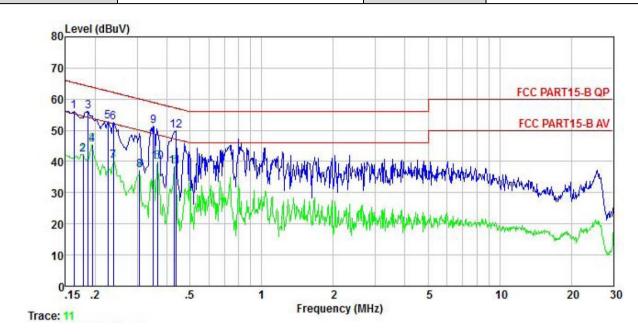
Test Frequency Range: Class / Severity: Class B Receiver setup: RBW=9kHz, VBW=30kHz Limit: Frequency range (MHz) Ouasi-peak Average 0.15-0.5 66 to 56° 56 to 46° 0.5-30 60 50 * Decreases with the logarithm of the frequency. Test setup: Reference Plane LISN Aux EU.T Test table//insulation plane Frequency Stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4(latest version) on conducted measurement. Test mode: Refer to section 5.31 for details Test mode: Refer to section 5.3 for details	Test Requirement:	FCC Part 15 B Section 15.107					
Receiver setup: RBW=9kHz, VBW=30kHz Limit: Frequency range (MHz) Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-5 56 46 0.5-30 60 50 * Decreases with the logarithm of the frequency. Test setup: Reference Plane LISN AUX Equipment E.U.T Test table/insulation plane Filter Ac power Filter Ac power LISN Line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. Test procedure 1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4(latest version) on conducted measurement. Test Instruments: Refer to section 5.11 for details	Test Frequency Range:	150kHz to 30MHz					
Receiver setup: RBW=9kHz, VBW=30kHz Limit: Frequency range (MHz) Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-5 56 46 0.5-30 * Decreases with the logarithm of the frequency. Reference Plane LISN AUX Equipment LISN Filter AC power Filter AC power LISN Fequipment Under Test I.SS Line Imposers Statellization Network E.U.T. Test table/Insulation plane Acceptable Repidence of the measuring equipment. Test procedure 1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4(latest version) on conducted measurement. Test Instruments: Refer to section 5.11 for details	Class / Severity:	Class B					
Limit: Frequency range (MHz)	•	RBW=9kHz, VBW=30kHz					
Test procedure 1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4(latest version) on conducted measurement. Test Instruments: Refer to section 5.3 for details	•			· ' '			
Test setup: Comparison							
* Decreases with the logarithm of the frequency. Test setup: **Decreases with the logarithm of the frequency. **Pedrace Plane **LISN							
* Decreases with the logarithm of the frequency. Test setup: **Reference Plane LISN							
Test setup: Reference Plane LISN AUX Equipment Let I Test table/Insulation plane Remark E U T. Equipment Under Test LISN Line Impedence Stabilization Network Test table height-0 dm 1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4(latest version) on conducted measurement. Test Instruments: Refer to section 5.11 for details Refer to section 5.3 for details				30			
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Test mode: Refer to section 5.3 for details		 coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed 					
	Test Instruments:	, ,					
Test results: Pass	Test mode:	Refer to section 5.3 for details					
1 000	Test results:	Pass					





Measurement data:

Product name:	1.8 inch 2G Bar Phone	Product model:	A8
Test by:	Mike	Test mode:	PC mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Line
Test voltage:	AC 120 V/60 Hz	Environment:	Temp: 22.5℃ Huni: 55%



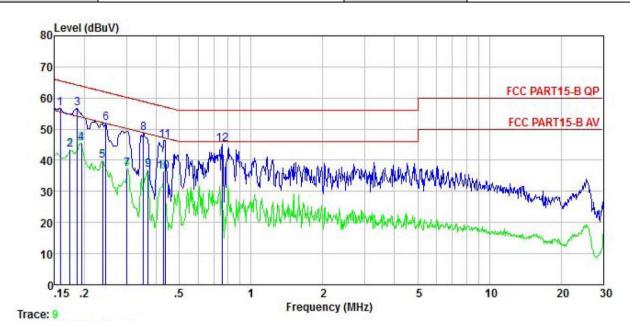
	Freq	Read Level	LISN Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBu∜	dB	<u>ā</u> B	dB	dBu₹	—dBu√	dB	
1	0.162	45.94	-0.58	-0.08	10.77	56.05	65.34	-9.29	QP
2	0.178	32.19	-0.58	-0.12	10.77	42.26	54.59	-12.33	Average
3	0.186	45.97	-0.59	-0.13	10.76	56.01	64.20	-8.19	QP
1 2 3 4 5 6 7 8	0.194	35.55	-0.59	-0.15	10.76	45.57	53.84	-8.27	Average
5	0.226	42.97	-0.58	-0.19	10.75	52.95	62.61	-9.66	QP
6	0.238	42.45	-0.57	-0.20	10.75	52.43	62.17	-9.74	QP
7	0.238	30.23	-0.57	-0.20	10.75	40.21	52.17	-11.96	Average
8	0.307	27.05	-0.54	-0.20	10.74	37.05	50.06	-13.01	Average
9	0.350	41.12	-0.51	0.10	10.73	51.44	58.96	-7.52	QP
10	0.365	29.55	-0.50	0.21	10.73	39.99	48.61	-8.62	Average
11	0.431	27.88	-0.46	0.16	10.73	38.31	47.24	-8.93	Average
12	0.435	39.49	-0.46	0.13	10.73	49.89	57.15	-7.26	QP

Notes

- 1. An initial pre-scan was performed on the line and neutral lines with peak detector.
- 2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- 3. Final Level =Receiver Read level + LISN Factor +Aux Factor+ Cable Loss.



Product name:	1.8 inch 2G Bar Phone	Product model:	A8
Test by:	Mike	Test mode:	PC mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz	Environment:	Temp: 22.5℃ Huni: 55%



	Freq	Read Level	LISN Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
-	MHz	dBu∀	<u>dB</u>	<u>d</u> B	₫B	dBu₹	dBu∀	<u>db</u>	
1	0.158	46.71	-0.69	0.01	10.77	56.80	65.56	-8.76	QP
2	0.174	33.19	-0.68	0.00	10.77	43.28	54.77	-11.49	Average
2	0.186	46.60	-0.67	0.00	10.76	56.69	64.20	-7.51	QP
4	0.194	35.48	-0.67	0.00	10.76	45.57	53.84		Average
4 5 6 7 8 9	0.238	29.79	-0.67	0.00	10.75	39.87	52.17		Average
6	0.246	41.95	-0.67	0.01	10.75	52.04	61.91	-9.87	
7	0.302	27.21	-0.67	0.01	10.74	37.29	50.19	-12.90	Average
8	0.354	38.69	-0.65	-0.03	10.73	48.74		-10.13	
9	0.369	26.94	-0.64	-0.04	10.73	36.99	48.52	-11.53	Average
10	0.431	26.12	-0.64	-0.03	10.73	36.18	47.24	-11.06	Average
11	0.435	36.26	-0.64	-0.03	10.73	46.32		-10.83	
12	0.755	34.93	-0.65	0.05	10.79	45.12	56.00	-10.88	QP

Notes

- 1. An initial pre-scan was performed on the line and neutral lines with peak detector.
- 2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- 3. Final Level =Receiver Read level + LISN Factor + Aux Factor+ Cable Loss.





6.2 Radiated Emission

T. (1 D.)	Radiated Emission									
Test Requirement:		FCC Part 15 B Section 15.109								
Test Frequency Range:	30MHz to 6000M	30MHz to 6000MHz								
Test site:	Measurement Dis	stance: 3m (Sem	i-Anechoic (Chamber)					
Receiver setup:	Frequency	Detecto	r	RBW	VBW	Remark				
	30MHz-1GHz	•		120kHz	300kHz	Quasi-peak Value				
	Above 1GHz	Peak		1MHz	3MHz	Peak Value				
		RMS	1 :	1MHz	3MHz	Average Value				
Limit:	Frequence 30MHz-88N		LIII	iit (dBuV/m 40.0	@3m)	Remark Quasi-peak Value				
	88MHz-216			43.5		Quasi-peak Value				
	216MHz-960			46.0		Quasi-peak Value				
	960MHz-10			54.0		Quasi-peak Value				
				54.0		Average Value				
	Above 1G	HZ		74.0		Peak Value				
Test setup:	Below 1GHz Turn Table Ground Plane Above 1GHz	4m	T T	RFR						
	AE (Turn		3m		Antenna Tower					
Test Procedure:	ground at a 3 r degrees to dete 2. The EUT was s which was mou 3. The antenna h ground to dete	neter semi- ermine the p set 3 meters unted on the eight is vari rmine the m	anech positions awa top ed from axim	noic camber on of the hig ly from the i of a variable om one mete um value of	The table The table	e-receiving antenna, ntenna tower. neters above the				





	4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
	The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
	6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
Test Instruments:	Refer to section 5.11 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	All of the observed value above 6GHz ware the niose floor , which were no recorded

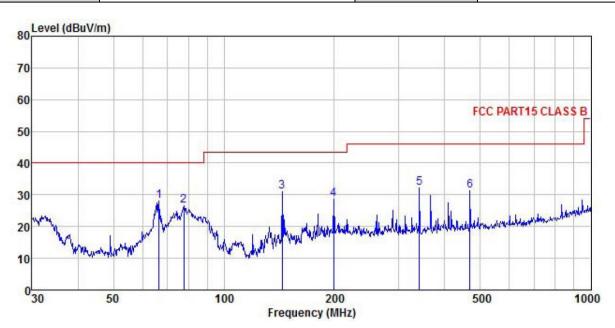




Measurement Data:

Below 1GHz:

Product Name:	1.8 inch 2G Bar Phone	Product Model:	A8
Test By:	Mike	Test mode:	PC mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24°C Huni: 57%



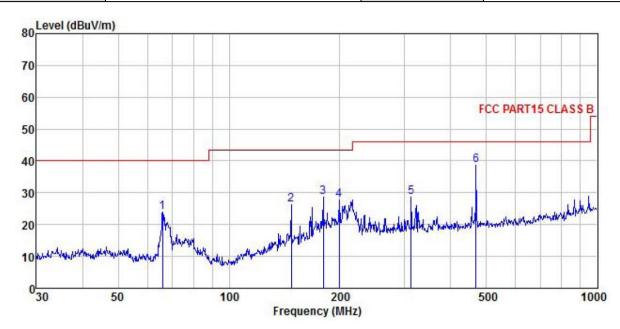
	Freq		Antenna Factor			Preamp Factor		Limit Line	Over Limit	Remark
	MHz	dBu∀	<u>dB</u> /m		<u>ab</u>	<u>dB</u>	$\overline{dBuV/m}$	dBuV/m	<u>dB</u>	
1	66.499	47.37	9.90	0.43	0.00	29.75	27.95	40.00	-12.05	QP
2	77.865	43.46	12.25	0.47	0.00	29.66	26.52	40.00	-13.48	QP
3	144.335	45.76	13.89	0.61	0.00	29.25	31.01	43.50	-12.49	QP
2 3 4	199.286	38.66	18.23	0.72	0.00	28.83	28.78	43.50	-14.72	QP
5	340.782	40.91	18.78	0.92	0.00	28.54	32.07	46.00	-13.93	QP
6	468.876	39.93	19.28	1.07	0.00	28.90	31.38	46.00	-14.62	QP

Remark:

- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor.
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 3. The Aux Factor is a notch filter switch box loss, this item is not used.



Product Name:	1.8 inch 2G Bar Phone	Product Model:	A8
Test By:	Mike	Test mode:	PC mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%



	Freq		Antenna Factor			Preamp Factor		Limit Line	Over Limit	
_	MHz	dBu∇	— <u>d</u> B/m		<u>ab</u>	<u>d</u> B	dBuV/m	dBuV/m	<u>ab</u>	
1	66.034	43.51	9.87	0.43	0.00	29.75	24.06	40.00	-15.94	QP
2	147.404	40.72	14.10	0.61	0.00	29.23	26.20	43.50	-17.30	QP
3	180.017	40.10	16.90	0.68	0.00	28.97	28.71	43.50	-14.79	QP
4	199.286	37.74	18.23	0.72	0.00	28.83	27.86	43.50	-15.64	QP
5	312.179	37.54	18.73	0.88	0.00	28.48	28.67	46.00	-17.33	QP
6	468.876	47.12	19.28	1.07	0.00	28.90	38.57	46.00	-7.43	QP

Remark

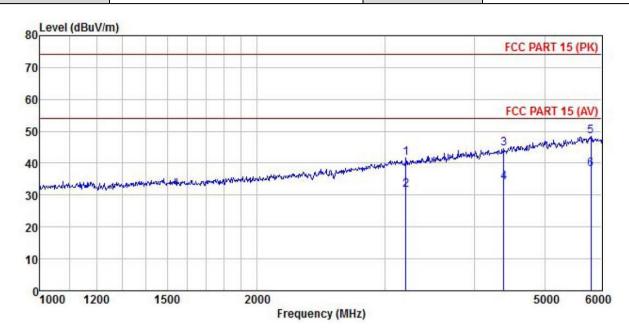
- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor.
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 3. The Aux Factor is a notch filter switch box loss, this item is not used.





Above 1GHz:

Product Name:	1.8 inch 2G Bar Phone	Product Model:	A8
Test By:	Mike	Test mode:	PC mode
Test Frequency:	1 GHz ~ 6 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%



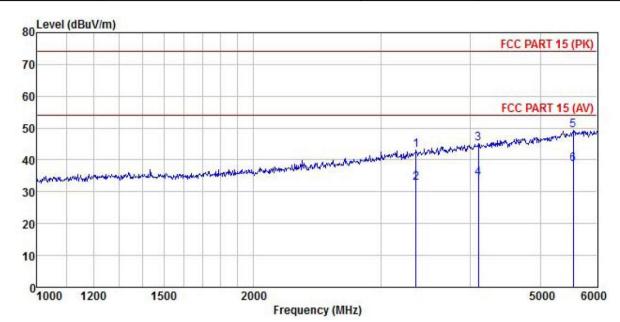
	Freq	ReadAntenna Level Factor						Limit Line	Over Limit	Remark
	MHz	−−dBuV	<u>dB</u> /π		<u>d</u> B	<u>dB</u>	$\overline{\mathtt{dBuV/m}}$	$\overline{dBuV/m}$	<u>dB</u>	
1	3214.096	47.46	28.54	5.08	2.03	41.40	41.71	74.00	-32.29	Peak
2	3214.096	37.19	28.54	5.08	2.03	41.40	31.44	54.00	-22.56	Average
2	4388.080	48.34	29.94	6.06	2.32	41.96	44.70	74.00	-29.30	Peak
4	4388.080	37.64	29.94	6.06	2.32	41.96	34.00	54.00	-20.00	Average
5	5795.936	48.05	32.42	7.14	2.75			74.00		
6	5795.936	37.82	32.42	7.14	2.75	42.02	38.11	54.00	-15.89	Average

Remark

- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor Preamplifier Factor.
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product Name:	1.8 inch 2G Bar Phone	Product Model:	A8
Test By:	Mike	Test mode:	PC mode
Test Frequency:	1 GHz ~ 6 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24°C Huni: 57%



	Freq	ReadAntenna Level Factor				Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBu∜	<u>dB</u> /m	₫B	<u>d</u> B	<u>dB</u>	dBuV/m	dBuV/m	<u>dB</u>	
1	3361.213	48.62	28.62	5.19	2.12	41.36	43.19	74.00	-30.81	Peak
2	3361.213	38.21	28.62	5.19	2.12	41.36	32.78	54.00	-21.22	Average
3	4099.171	49.37	29.46	5.84	2.23	41.81	45.09	74.00	-28.91	Peak
4	4099.171	38.63	29.46	5.84	2.23	41.81	34.35	54.00	-19.65	Average
5	5553.047	49.22	32.32	7.02	2.66	41.81	49.41	74.00	-24.59	Peak
6	5553.047	38.41	32.32	7.02	2.66	41.81	38.60	54.00	-15.40	Average

Remark:

- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor Preamplifier Factor.
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.