Report No: CCISE190712906v02

FCC REPORT

Applicant: b mobile HK Limited

Address of Applicant: Flat 18; 14/F Block 1; Golden Industrial Building;16-26 Kwai Tak

Street; Kwai Chung; New Territories; Hong Kong

Equipment Under Test (EUT)

Product Name: Mobile Phone

Model No.: AX1076+

Trade mark: Bmobile

FCC ID: ZSW-30-092

Applicable standards: FCC CFR Title 47 Part 15 Subpart B

Date of sample receipt: 26 Jul., 2019

Date of Test: 27 Jul., to 15 Aug., 2019

Date of report issued: 27 Aug., 2019

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 CCIS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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





2 Version

Version No.	Date	Description
00	16 Aug., 2019	Original
01	26 Aug., 2019	Update Page 6, 13, 14, 15, 16
02	27 Aug., 2019	Update Page 1, 5

Tested by: Date: 27 Aug., 2019

Test Engineer

Reviewed by: 27 Aug., 2019

Project Engineer

Bao'an District, Shenzhen, Guangdong, China Telephone: +86 (0) 755 2311 8282 Fax: +86 (0) 755 2311 6366



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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:

Pass: The EUT complies with the essential requirements in the standard.

N/A: The EUT not applicable of the test item.



5 General Information

5.1 Client Information

Applicant:	b mobile HK Limited
Address:	Flat 18; 14/F Block 1; Golden Industrial Building;16-26 Kwai Tak Street; Kwai Chung; New Territories; Hong Kong
Manufacturer:	b mobile HK Limited
Address:	Flat 18; 14/F Block 1; Golden Industrial Building;16-26 Kwai Tak Street; Kwai Chung; New Territories; Hong Kong

5.2 General Description of E.U.T.

Product Name:	Mobile Phone		
Model No.:	AX1076+		
Hardware version:	Bmobile_AX1076+_HW_V1.0		
Software version:	Bmobile_AX1076+_TEM_PE_V001		
Power supply:	Rechargeable Li-ion Battery DC3.8V, 2000mAh		
AC adapter :	Input: AC100-240V, 50/60Hz, 0.15A Output: DC 5.0V, 500mA		
Test Sample Condition:	The test samples were provided in good working order with no visible defects.		

5.3 Test Mode

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	
GPS mode	Keep the EUT in GPS 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)	±5.38 dB (k=2)
Radiated Emission (18GHz ~ 40GHz)	±3.36 dB (k=2)

Shenzhen Zhongjian Nanfang Testing Co., Ltd.
No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road, Bao'an District, Shenzhen, Guangdong, China
Telephone: +86 (0) 755 2311 8282 Fax: +86 (0) 755 2311 6366



5.5 Description of Support Units

Manufacturer	Description	Model	Serial Number	FCC ID/SDoC
DELL	PC	OPTIPLEX745	N/A	SDoC
DELL	MONITOR	E178FPC	N/A	SDoC
DELL	KEYBOARD	SK-8115	N/A	SDoC
DELL	MOUSE	MOC5UO	N/A	SDoC
LENOVO	Laptop	SL510	2847A65	SDoC

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 USB Cable	Shielding	1.0m	EUT	PC/Adapter
Detached headset cable	Unshielded	1.2m	EUT	Headset

5.8 Laboratory Facility

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

● FCC - Designation No.: CN1211

Shenzhen Zhongjian Nanfang Testing 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 Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

CNAS - Registration No.: CNAS L6048

Shenzhen Zhongjian Nanfang Testing Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L6048.

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

5.9 Laboratory Location

Shenzhen Zhongjian Nanfang Testing Co., Ltd.

Address: No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, 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

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Bao'an District, Shenzhen, Guangdong, China
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5.10 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	07-22-2017	07-21-2020	
Loop Antenna	SCHWARZBECK	FMZB1519B	00044	03-18-2019	03-17-2020	
BiConiLog Antenna	SCHWARZBECK	VULB9163	497	03-18-2019	03-17-2020	
Horn Antenna	SCHWARZBECK	BBHA9120D	916	03-18-2019	03-17-2020	
Horn Antenna	SCHWARZBECK	BBHA9120D	1805	06-22-2017	06-21-2020	
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170582	11-21-2018	11-20-2019	
EMI Test Software	AUDIX	E3	\	/ersion: 6.110919	b	
Pre-amplifier	HP	8447D	2944A09358	03-18-2019	03-17-2020	
Pre-amplifier	CD	PAP-1G18	11804	03-18-2019	03-17-2020	
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-18-2019	03-17-2020	
Spectrum analyzer	Rohde & Schwarz	FSP40	100363	11-21-2018	11-20-2019	
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-18-2019	03-17-2020	
Cable	ZDECL	Z108-NJ-NJ-81	1608458	03-18-2019	03-17-2020	
Cable	MICRO-COAX	MFR64639	K10742-5	03-18-2019	03-17-2020	
Cable	SUHNER	SUCOFLEX100	58193/4PE	03-18-2019	03-17-2020	

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	03-18-2019	03-17-2020	
Pulse Limiter	SCHWARZBECK	OSRAM 2306	9731	03-18-2019	03-17-2020	
LISN	CHASE	MN2050D	1447	03-18-2019	03-17-2020	
LISN	Rohde & Schwarz	ESH3-Z5	8438621/010	07-21-2019	07-20-2020	
Cable	HP	10503A	N/A	03-18-2019	03-17-2020	
EMI Test Software	AUDIX	E3	,	Version: 6.110919	b	



6 Test results and Measurement Data

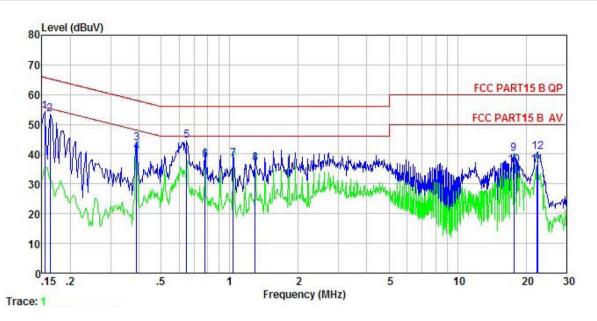
6.1 Conducted Emission

Test Requirement:	FCC Part 15 B Section 15.107			
Test Method:	ANSI C63.4:2014			
Test Frequency Range:	150kHz to 30MHz			
Class / Severity:	Class B			
Receiver setup:	RBW=9kHz, VBW=30kHz			
Limit:	·	Limit	(dBµV)	
	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 logarith	· · ·		
Test setup:	Reference Plan			
	AUX Equipment E.U.T			
Test procedure	 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. 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 according to ANSI C63.4: 2014 on conducted measurement. 			
Test environment:	Temp.: 22.5 °C Humid.: 55% Press.: 101kPa			
Test Instruments:	Refer to section 5.10 for details			
Test mode:	Refer to section 5.3 for details			
Test results:	Pass			



Measurement data:

Product name:	Mobile Phone	Product model:	AX1076+
Test by:	Yaro	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%



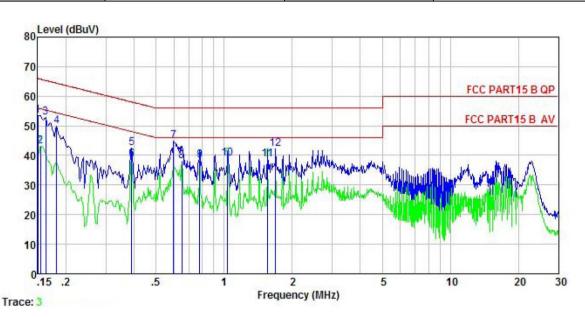
MHz dBuV dB dB dBuV dBuV dB 1 0.154 43.91 -0.45 10.78 54.24 65.78 -11.54 QP 2 0.162 43.02 -0.44 10.77 53.35 65.34 -11.99 QP 3 0.389 33.41 -0.37 10.72 43.76 58.08 -14.32 QP 4 0.389 30.33 -0.37 10.72 40.68 48.08 -7.40 Average 5 0.647 34.18 -0.38 10.77 44.57 56.00 -11.43 QP 6 0.779 27.58 -0.38 10.80 38.00 46.00 -8.00 Average 7 1.037 27.92 -0.38 10.87 38.41 46.00 -7.59 Average 8 1.296 26.33 -0.39 10.90 36.84 46.00 -9.16 Average 9 17.661 30.12 -0.84 10.92 40.20 60.00 -19.80 QP 10 17.755 26.17 -0.85 10.92 36.24 50.00 -13.76 Average 12 22.298 26.45 -1.01 10.90 36.34 50.00 -19.29 QP		Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
2 0.162 43.02 -0.44 10.77 53.35 65.34 -11.99 QP 3 0.389 33.41 -0.37 10.72 43.76 58.08 -14.32 QP 4 0.389 30.33 -0.37 10.72 40.68 48.08 -7.40 Average 5 0.647 34.18 -0.38 10.77 44.57 56.00 -11.43 QP 6 0.779 27.58 -0.38 10.80 38.00 46.00 -8.00 Average 7 1.037 27.92 -0.38 10.87 38.41 46.00 -7.59 Average 8 1.296 26.33 -0.39 10.90 36.84 46.00 -9.16 Average 9 17.661 30.12 -0.84 10.92 40.20 60.00 -19.80 QP 10 17.755 26.17 -0.85 10.92 36.24 50.00 -13.76 Average 11 22.298 26.45 -1.01 10.90 36.34 50.00 -13.66 Average	-	MHz	dBu∇	<u>d</u> B		dBu₹	dBu∇	<u>ab</u>	
10 17.755 26.17 -0.85 10.92 36.24 50.00 -13.76 Average 11 22.298 26.45 -1.01 10.90 36.34 50.00 -13.66 Average	1	0.154	43.91	-0.45	10.78	54.24	65.78	-11.54	QP
10 17.755 26.17 -0.85 10.92 36.24 50.00 -13.76 Average 11 22.298 26.45 -1.01 10.90 36.34 50.00 -13.66 Average	2	0.162	43.02	-0.44	10.77	53.35	65.34	-11.99	QP
10 17.755 26.17 -0.85 10.92 36.24 50.00 -13.76 Average 11 22.298 26.45 -1.01 10.90 36.34 50.00 -13.66 Average	3	0.389	33.41	-0.37	10.72	43.76	58.08	-14.32	QP
10 17.755 26.17 -0.85 10.92 36.24 50.00 -13.76 Average 11 22.298 26.45 -1.01 10.90 36.34 50.00 -13.66 Average	4	0.389	30.33	-0.37	10.72	40.68	48.08	-7.40	Average
10 17.755 26.17 -0.85 10.92 36.24 50.00 -13.76 Average 11 22.298 26.45 -1.01 10.90 36.34 50.00 -13.66 Average	5	0.647	34.18	-0.38	10.77	44.57			
10 17.755 26.17 -0.85 10.92 36.24 50.00 -13.76 Average 11 22.298 26.45 -1.01 10.90 36.34 50.00 -13.66 Average	6	0.779	27.58	-0.38	10.80	38.00	46.00	-8.00	Average
10 17.755 26.17 -0.85 10.92 36.24 50.00 -13.76 Average 11 22.298 26.45 -1.01 10.90 36.34 50.00 -13.66 Average	7	1.037	27.92	-0.38	10.87	38.41	46.00	-7.59	Average
10 17.755 26.17 -0.85 10.92 36.24 50.00 -13.76 Average 11 22.298 26.45 -1.01 10.90 36.34 50.00 -13.66 Average	8	1.296	26.33	-0.39	10.90	36.84	46.00	-9.16	Average
11 22.298 26.45 -1.01 10.90 36.34 50.00 -13.66 Average	9	17.661	30.12	-0.84	10.92	40.20	60.00	-19.80	QP
	10	17.755	26.17	-0.85	10.92	36.24	50.00	-13.76	Average
	11	22.298	26.45	-1.01	10.90	36.34	50.00	-13.66	Average
		22.535	30.82	-1.01	10.90				

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 + Cable Loss.



Product name:	Mobile Phone	Product model:	AX1076+
Test by:	Yaro	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	Cable Loss	Level	Limit Line	Over Limit	Remark
-	MHz	dBu∇	dB	₫B	dBu₹	dBu∀	<u>d</u> B	
1	0.150	43.45	-0.68	10.78	53.55	66.00	-12.45	QP
2	0.154	33.13	-0.68	10.78	43.23	55.78	-12.55	Average
2	0.162	42.78	-0.68	10.77	52.87	65.34	-12.47	QP
4	0.182	39.69	-0.69	10.77	49.77	64.42	-14.65	QP
4 5 6 7	0.389	32.44	-0.64	10.72	42.52	58.08	-15.56	QP
6	0.389	28.64	-0.64	10.72	38.72	48.08	-9.36	Average
7	0.598	34.68	-0.64	10.77	44.81	56.00	-11.19	QP
8	0.651	27.96	-0.64	10.77	38.09	46.00	-7.91	Average
9	0.779	28.31	-0.64	10.80	38.47	46.00	-7.53	Average
10	1.037	28.82	-0.63	10.87	39.06	46.00	-6.94	Average
11	1.560	28.28	-0.66	10.93	38.55	46.00		Average
12	1.689	31.87	-0.66	10.94	42.15		-13.85	

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 + Cable Loss.



6.2 Radiated Emission

FCC Part 15 B S	ection 15 1	09			
		(0	-: A l:-	Ob 2 b 2	`
					Remark
30IVITZ-TGTZ		ак			Z Quasi-peak Value Peak Value
Above 1GHz					Average Value
Frequenc		Lim			Remark
				<i>-</i>	Quasi-peak Value
			43.5		Quasi-peak Value
			46.0		Quasi-peak Value
960MHz-10	SHz		54.0		Quasi-peak Value
Above 1G	⊔ -,		54.0		Average Value
Above 1G	ΙΊΖ		74.0		Peak Value
Turn O.8m ABOVE 1GHZ	4m 1 m A Lable)	3m	Horn Antenna	Antenna Tov	
	ANSI C63.4:2014 30MHz to 6000M Measurement Dis Frequency 30MHz-1GHz Above 1GHz Frequence 30MHz-88M 88MHz-216I 216MHz-960 960MHz-1C Above 1GHz Below 1GHz Frequence 30MHz-88M 600MHz-1C Above 1GHz Above 1GHz	ANSI C63.4:2014 30MHz to 6000MHz Measurement Distance: 3m Frequency Detector 30MHz-1GHz Quasi-per RMS Above 1GHz Peak RMS Frequency 30MHz-88MHz 88MHz-216MHz 216MHz-960MHz 960MHz-1GHz Above 1GHz Below 1GHz Below 1GHz Above 1GHz Above 1GHz Above 1GHz Above 1GHz	Measurement Distance: 3m (Sen Frequency Detector 30MHz-1GHz Quasi-peak Above 1GHz RMS Frequency Lim 30MHz-88MHz 88MHz-216MHz 216MHz-960MHz 960MHz-1GHz Above 1GHz Below 1GHz Below 1GHz Above 1GHz Below 1GHz Above 1GHz	ANSI C63.4:2014 30MHz to 6000MHz Measurement Distance: 3m (Semi-Anechoic Frequency Detector RBW 30MHz-1GHz Quasi-peak 120kHz Peak 1MHz RMS 1MHz RMS 1MHz RMS 1MHz Frequency Limit (dBuV/m 30MHz-88MHz 40.0 88MHz-216MHz 43.5 216MHz-960MHz 46.0 960MHz-1GHz 54.0 Above 1GHz 74.0 Below 1GHz Below 1GHz Above 1GHz Above 1GHz Above 1GHz	ANSI C63.4:2014 30MHz to 6000MHz Measurement Distance: 3m (Semi-Anechoic Chamber Frequency Detector RBW VBW 30MHz-1GHz Quasi-peak 120kHz 300kHz Above 1GHz Peak 1MHz 3MHz RMS 1MHz 3MHz Frequency Limit (dBuV/m @3m) 30MHz-88MHz 40.0 88MHz-216MHz 43.5 216MHz-960MHz 46.0 960MHz-1GHz 54.0 Above 1GHz Above 1GHz Below 1GHz Antenna Tower Search Antenna Tower Ground Plane Above 1GHz Above 1GHz Antenna Tower Antenna Tower Search Antenna Tower Antenna Tower Search Search Antenna Tower Search Search Antenna Tower Search





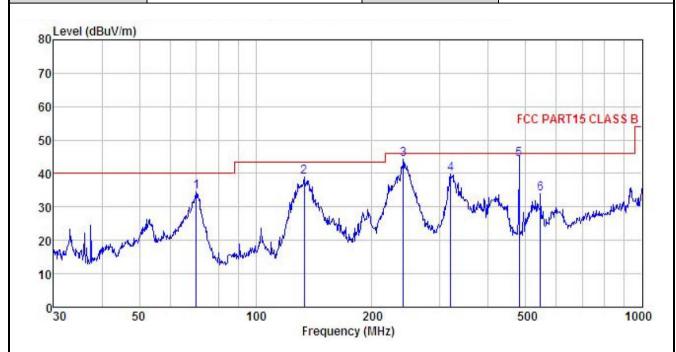
Test Procedure:	the grou 360 deg 2. The EU	ind at a 3 me rees to deter T was set 3 n	on the top of ter semi-ane mine the pos neters away f mounted on t	choic cambe ition of the hi from the inter	r. The table ighest radia ference-re	e was rotated ation. ceiving
	ground	to determine al and vertica	the maximum	n value of the	field stren	rs above the gth. Both t to make the
	and the	n the antenna	a was tuned to le was turned	o heights froi	m 1 meter t	
		•	tem was set with Maximu			n and
	limit spe the EUT 10dB m	ecified, then to would be re argin would b	esting could be ported. Other	oe stopped a wise the emine by one us	nd the pea ssions that sing peak, o	: did not have quasi-peak or
Test environment:	Temp.:	24 °C	Humid.:	57%	Press.:	1 01kPa
Test Instruments:	Refer to se	ection 5.10 fo	r details			
Test mode:	Refer to se	ection 5.3 for	details			
Test results:	Passed					
Remark:	All of the o		ue above 6G	Hz ware the	niose floo	r, which were



Measurement Data:

Below 1GHz:

Product Name:	Mobile Phone	Product Model:	AX1076+
Test By:	Yaro	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						Remark
,	MHz	dBu∜	<u>dB</u> /π		<u>ab</u>	$\overline{dBuV/m}$	$\overline{dBuV/m}$	<u>dB</u>	
1	70.090	54.32	8.50	1.52	29.72	34.62	40.00	-5.38	QP
1 2 3 4 5	133.619	56.08	9.91	2.33	29.31	39.01	43.50	-4.49	QP
3	240.830	57.59	12.34	2.82	28.59	44.16	46.00	-1.84	QP
4	319.937	51.30	14.03	3.00	28.50	39.83	46.00	-6.17	QP
5	480.528	52.14	17.52	3.46	28.92	44.20	46.00	-1.80	QP
6	545.183	40.69	18.38	3.86	29.08	33.85	46.00	-12.15	QP

Remark

Final Level = Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor.

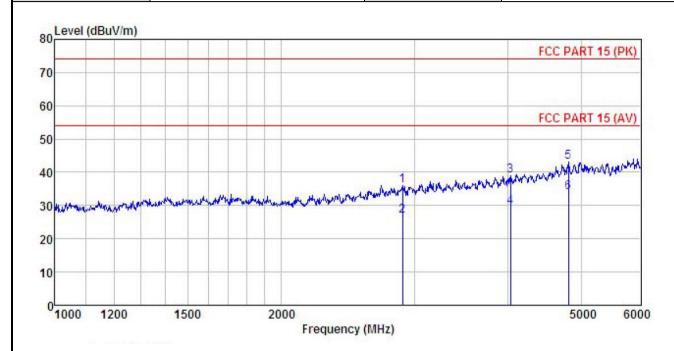


e: I	Mobile Pho	ne		Pr	oduct Mod	lel:	AX1076+	-	
,	⁄aro			Те	st mode:		PC mode)	
cy:	30 MHz ~ 1	GHz		Po	larization:		Horizontal		
1	AC 120/60H	Hz		En	vironmen	t:	Temp: 24	1°C H	uni: 57%
BuV/m)									
							FCC PA	RT15 CLA	SSB
					М				
					14	5	6		
	À		A 10 45 WA	3 A J	/ \	My M			J
	. M.		1	J. W	You	N. W.	1/1/	Marketon	Herris
p.a.	MM \		+	*11			W		
startistical fail	1	policy and the sales	ja ja						
50		100	Lan .	200			500		1000
			Frequ	uency (MH:	Z)				
	ReadA	ntenna	Cable	Preamo		Limit	Over		
Freq						Line	Limit	Remark	
MHz	dBu₹		<u>ab</u>	<u>d</u> B	dBuV/m	$\overline{dBuV/m}$			
70.090	57.10	8.50	1.52	29.72	37.40	40.00	-2.60	QP	
144.842	53.61	9.20	2.45	29.25	36.01	43.50	-7.49	QP	
144.842 190.405	53.61 50.85	9.20 10.30	2.45 2.80	29.25 28.90	36.01 35.05	43.50 43.50	-7.49 -8.45	QP QP	
144.842	53.61	9.20	2.45	29.25	36.01	43.50	-7.49	QP QP QP	
	BuV/m) 50	AC 120/60H BuV/m) 50 ReadA Freq Level	BuV/m) So 100 ReadAntenna Freq Level Factor	BuV/m) Solve Ten ReadAntenna Cable Freq Level Factor Loss	Cy: 30 MHz ~ 1 GHz Po AC 120/60Hz En BuV/m) 50 100 200 Frequency (MH ReadAntenna Cable Preamp Freq Level Factor Loss Factor	Cy: 30 MHz ~ 1 GHz Polarization: AC 120/60Hz Environment BuV/m) 50 100 200 Frequency (MHz) ReadAntenna Cable Preamp Freq Level Factor Loss Factor Level	Cy: 30 MHz ~ 1 GHz Polarization: AC 120/60Hz Environment: BuV/m) 50 100 200 Frequency (MHz) ReadAntenna Cable Preamp Limit Freq Level Factor Loss Factor Level Line	ReadAntenna Cable Preamp Limit Over Freq Level Factor Loss Factor Level Line Limit	BuV/m) Temp: 24°C H BuV/m) Temp: 24°C H FCC PART15 CLA Temp: 24°C H FCC PART15 CLA Temp: 24°C H FCC PART15 CLA Limit Over Freq Level Factor Loss Factor Level Line Limit Remark



Above 1GHz:

Product Name:	Mobile Phone	Product Model:	AX1076+
Test By:	Yaro	Test mode:	PC mode
Test Frequency:	1 GHz ~ 6 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24°C Huni: 57%



	Freq		Antenna Factor				Limit Line	Over Limit	Remark
	MHz	dBu∜	<u>d</u> B/π	<u>ab</u>	<u>ab</u>	$\overline{dBuV/m}$	$\overline{dBuV/m}$	<u>dB</u>	
1	2893.635	43.90	28.40	5.24	41.58	35.96	74.00	-38.04	Peak
2	2893.635	34.69	28.40	5.24	41.58	26.75	54.00	-27.25	Average
3	4030.897	44.50	30.26	6.15	41.81	39.10	74.00	-34.90	Peak
4	4030.897	35.04	30.26	6.15	41.81	29.64	54.00	-24.36	Average
5	4813.252	46.44	31.61	6.81	41.82	43.04		-30.96	
6	4813.252	37.22	31.61	6.81	41.82	33.82			Average

Remark:

Final Level = Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor.



	ne:	Mobile Pho	ne		Pı	roduct Mo	del:	AX107	6+	
Test By:	•	Yaro			Te	est mode:		PC mo	de	
Test Frequer	ncy:	1 GHz ~ 6 (GHz	Polarization: Horizontal						
Test Voltage	: .	AC 120/60H	Ηz		Eı	nvironmer	nt:	Temp:	24 ℃	Huni: 579
Level (dBuV/m)									
80	abaviiiij							FC	CC PART 15	(PK)
70										
60										2015
50								FC	C PART 15	(AV)
50									5	1004
40						1	3	- NAME OF THE PARTY OF THE PART	MANAMAN	Avy More
30 mm	on the manufactual state with	January Parketon	happen the war.	والدوالموسام ولماء	, my heart war	Mary Mary	4			
380 00000000						Ī				
20										
20										
10										
	1200	1500	20	000					5000	6000
10	1200	1500	20	The state of the s	uency (MH	z)			5000	6000
10	1200			Frequ			Limit	Orror	5000	6000
10			Ant enna	Frequ	Preamp		Limit Line	Over Limit	5000 Remark	6000
10		Read 1 Level	Antenna Factor	Frequ	Preamp Factor		Line			6000
10 0 1000	Fred MH2 2801.799	Read. 1 Level 2 dBuV	Antenna Factor dB/m 28.23	Cable Loss dB	Preamp Factor dB	Level dBuV/m 35.61	Line dBuV/m 74.00	Limit dB -38.39	Remark 	
1000	Fred MHz 2801.799 2801.799	Read. 1 Level 2 dBuV 34.91	Antenna Factor dB/m 28.23 28.23	Cable Loss dB 5.13	Preamp Factor ————————————————————————————————————	Level dBuV/m 35.61 26.23	Line dBuV/m 74.00 54.00	Limit 	Remark Peak Average	
10 0 1000	Fred MHz 2801.799 2801.799 3758.839	Read. 1 Level 2 dBuV 34.91 34.53	Antenna Factor — dB/m 28.23 28.23 29.59	Cable Loss ——————————————————————————————————	Preamp Factor ————————————————————————————————————	Level dBuV/m 35.61 26.23 38.30	Line dBuV/m 74.00 54.00 74.00	Limit	Remark Peak Average Peak	
1000	Fred MHz 2801.799 2801.799	Read. 1 Level 2 dBuV 34.91 34.53 44.41 35.20	Antenna Factor — dB/m 28.23 28.23 29.59	Cable Loss dB 5.13	Preamp Factor ————————————————————————————————————	Level dBuV/m 35.61 26.23 38.30 29.09	Line dBuV/m 74.00 54.00 74.00 54.00	Limit	Remark Peak Average Peak Average	