Report No: CCISE161206405

FCC REPORT

Applicant: AZUMI S.A

Avenida Aquilino de la Guardia con Calle 47, PH Ocean Plaza,

Address of Applicant: Piso 16 of. 16-01, Marbella, Ciudad de Panamá City, Rep.

Panamá

Equipment Under Test (EUT)

Product Name: Mobile phone

Model No.: IRO A5 QLT

Trade mark: AZUMI

FCC ID: QRP-AZUMIIROA5QLT

Applicable standards: FCC CFR Title 47 Part 15 Subpart B

Date of sample receipt: 03 Jan., 2017

Date of Test: 03 Jan., to 17 Jan., 2017

Date of report issued: 17 Jan., 2017

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	17 Jan., 2017	Original

Reviewed by: Over Men Date: 17 Jan., 2017

Project Engineer





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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	

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



5 General Information

5.1 Client Information

Applicant:	AZUMI S.A		
Address of Applicant:	Avenida Aquilino de la Guardia con Calle 47, PH Ocean Plaza, Piso 16 of. 16-01, Marbella, Ciudad de Panamá City, Rep. Panamá		
Manufacturer	AZUMI HK LTD		
Address of Manufacturer:	FLAT/RM 18 BLK 1 14/F GOLDEN INDUSTRIAL BUILDING 16-26 KWAI TAK STREET KWAI CHUNG, HK		
Factory:	RUIO Communication Technology Co., Ltd		
Address of Factory:	402, Tai'bang Tech High rise, South 8th Road, Science & Technology Park, NanShan District, ShenZhen, China.		

5.2 General Description of E.U.T.

Product Name:	Mobile phone
Model No.:	IRO A5 QLT
Power supply:	Rechargeable Li-ion Battery DC3.8V-2200mAh
	Model: TPA-40B050100UU
AC adapter :	Input: AC100-240V 50/60Hz 0.2A
	Output: DC 5.0V, 1000mA

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

Items	Expanded Uncertainty (Confidence of 95%)
Conducted Emission (9kHz ~ 30MHz)	2.14 dB (k=2)
Radiated Emission (9kHz ~ 30MHz)	4.24 dB (k=2)
Radiated Emission (30MHz ~ 1000MHz)	4.35 dB (k=2)
Radiated Emission (1GHz ~ 18GHz)	4.44 dB (k=2)
Radiated Emission (18GHz ~ 26.5GHz)	4.56 dB (k=2)



5.5 Description of Support Units

Manufacturer	Description	Model	Serial Number	FCC ID/DoC
DELL	PC	OPTIPLEX745	N/A	DoC
DELL	MONITOR	E178FPC	N/A	DoC
DELL	KEYBOARD	SK-8115	N/A	DoC
DELL	MOUSE	MOC5UO	N/A	DoC
HP	Printer	CB495A	05257893	DoC
MERCURY	RCURY Wireless router MV		12922104015	FCC ID
NAKAMICHI	Bluetooth earphone	T8	N/A	FCC ID

5.6 Laboratory Facility

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

• FCC - Registration No.: 817957

Shenzhen Zhongjian Nanfang Testing Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in out files. Registration 817957, February 27, 2012.

• IC - Registration No.: 10106A-1

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.

5.7 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





5.8 Test Instruments list

Radiated Emission:								
Item Test Equipment		Test Equipment Manufacturer Model		Inventory No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)		
1	3m SAC	SAEMC	9(L)*6(W)* 6(H)	CCIS0001	08-23-2014	08-22-2017		
2	BiConiLog Antenna	SCHWARZBECK	VULB9163	CCIS0005	03-25-2016	03-25-2017		
3	Horn Antenna	SCHWARZBECK	BBHA9120D	CCIS0006	03-25-2016	03-25-2017		
4	Pre-amplifier (10kHz-1.3GHz)	HP	8447D	CCIS0003	04-01-2016	03-31-2017		
5	Pre-amplifier (1GHz-18GHz)	Compliance Direction Systems Inc.	PAP-1G18	CCIS0011	04-01-2016	03-31-2017		
6	Spectrum analyzer 9k-30GHz	Rohde & Schwarz	FSP30	CCIS0023	03-28-2016	03-28-2017		
7	EMI Test Receiver	Rohde & Schwarz	ESRP7	CCIS0167	03-28-2016	03-28-2017		
8	EMI Test Software AUDIX		E3	N/A	N/A	N/A		
9	Coaxial Cable	N/A	N/A	CCIS0018	04-01-2016	03-31-2017		
10	Coaxial Cable	N/A	N/A	CCIS0020	04-01-2016	03-31-2017		

Cond	Conducted Emission:									
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)				
1	Shielding Room	ZhongShuo Electron	11.0(L)x4.0(W)x3.0(H)	CCIS0061	08-23-2014	08-22-2017				
2	EMI Test Receiver	Rohde & Schwarz	ESCI	CCIS0002	03-24-2016	03-24-2017				
3	LISN	CHASE	MN2050D	CCIS0074	03-26-2016	03-26-2017				
4	Coaxial Cable	CCIS	N/A	CCIS0086	04-01-2016	03-31-2017				
5	EMI Test Software	AUDIX	E3	N/A	N/A	N/A				



6 Test results and Measurement Data

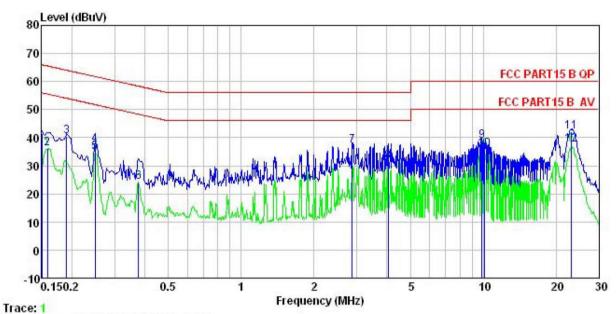
6.1 Conducted Emission

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:	Fraguency range (MIII)	Lir	mit (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			
Today	* Decreases with the logarith	· · · · ·				
Test setup:	Reference Plan	LISN				
	AUX Equipment E.U.T EMI Receiver Remark: E.U.T Equipment Under Test LISN. Line Impedence Stabilization Network Test table height=0.8m					
Test procedure	 The E.U.T and simulators line impedance stabilization 500hm/50uH coupling impedance at LISN that provides a 500 termination. (Please refers photographs). Both sides of A.C. line are interference. In order to fir positions of equipment an according to ANSI C63.4: 	on network (L.I.S.N.) bedance for the mean e also connected to ohm/50uH coupling is to the block diagrate checked for maximal the maximum end all of the interface	asuring equipment. the main power through impedance with 500hm am of the test setup and mum conducted hission, the relative e cables must be changed			
Test environment:	Temp.: 23 °C Hun	nid.: 56%	Press.: 101kPa			
Test Instruments:	Refer to section 5.7 for details					
Test mode:	Refer to section 5.3 for details					
Test results:	Pass	Pass				



Measurement data:

Line:



: CCIS Shielding Room : FCC PART15 B QP LISN LINE Site Condition

Pro

EUT : Mobile phone
Model : AKARU A5 QL
Test Mode : PC Mode
Power Rating : AC 1200/60Hz

Environment : Temp: 23 °C Huni:56% Atmos:101KPa Test Engineer: YT Remark :

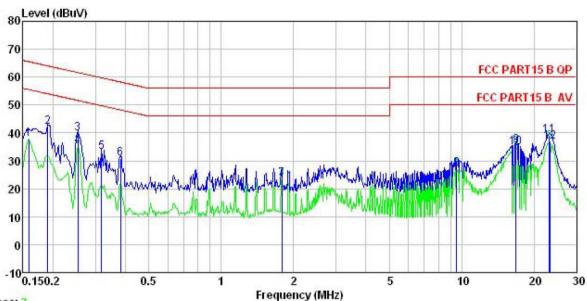
: Freq			Cable Loss	Level	Limit Line	Over Limit	Remark
MHz	dBu₹	<u>d</u> B	dB	dBu₹	dBu₹	<u>dB</u>	
0.150	30.69	0.14	10.78	41.61	66.00	-24.39	QP
0.158	25.32	0.14	10.78	36.24	55.56	-19.32	Average
0.190	29.52	0.15	10.76	40.43	64.02	-23.59	QP
0.249	26.47	0.16	10.75	37.38	61.78	-24.40	QP
0.249	23.88	0.16	10.75	34.79	51.78	-16.99	Average
0.377	13.22	0.22	10.72	24.16	48.34	-24.18	Average
2.869	25.89	0.33	10.92	37.14	56.00	-18.86	QP
4.049	20.40	0.34	10.89	31.63	46.00	-14.37	Average
9.861	27.69	0.30	10.93	38.92	60.00	-21.08	QP
10.125	24.53	0.30	10.94	35.77	50.00	-14.23	Average
23.140	30.99	0.35	10.89	42.23	60.00	-17.77	QP
23.140	26.30	0.35	10.89	37.54	50.00	-12.46	Average
	MHz 0. 150 0. 158 0. 190 0. 249 0. 249 0. 377 2. 869 4. 049 9. 861 10. 125 23. 140	MHz dBuV 0.150 30.69 0.158 25.32 0.190 29.52 0.249 26.47 0.249 23.88 0.377 13.22 2.869 25.89 4.049 20.40 9.861 27.69 10.125 24.53 23.140 30.99	MHz dBuV dB 0.150 30.69 0.14 0.158 25.32 0.14 0.190 29.52 0.15 0.249 26.47 0.16 0.377 13.22 0.22 2.869 25.89 0.33 4.049 20.40 0.34 9.861 27.69 0.30 10.125 24.53 0.30 23.140 30.99 0.35	MHz dBuV dB dB 0.150 30.69 0.14 10.78 0.158 25.32 0.14 10.78 0.190 29.52 0.15 10.76 0.249 26.47 0.16 10.75 0.377 13.22 0.22 10.72 2.869 25.89 0.33 10.92 4.049 20.40 0.34 10.89 9.861 27.69 0.30 10.93 10.125 24.53 0.30 10.94 23.140 30.99 0.35 10.89	MHz dBuV dB dB dBuV 0.150 30.69 0.14 10.78 41.61 0.158 25.32 0.14 10.78 36.24 0.190 29.52 0.15 10.76 40.43 0.249 26.47 0.16 10.75 37.38 0.249 23.88 0.16 10.75 34.79 0.377 13.22 0.22 10.72 24.16 2.869 25.89 0.33 10.92 37.14 4.049 20.40 0.34 10.89 31.63 9.861 27.69 0.30 10.93 38.92 10.125 24.53 0.30 10.94 35.77 23.140 30.99 0.35 10.89 42.23	Freq Level Factor Loss Level Line MHz dBuV dB dB dBuV dBuV 0.150 30.69 0.14 10.78 41.61 66.00 0.158 25.32 0.14 10.78 36.24 55.56 0.190 29.52 0.15 10.76 40.43 64.02 0.249 26.47 0.16 10.75 37.38 61.78 0.249 23.88 0.16 10.75 34.79 51.78 0.377 13.22 0.22 10.72 24.16 48.34 2.869 25.89 0.33 10.92 37.14 56.00 4.049 20.40 0.34 10.89 31.63 46.00 9.861 27.69 0.30 10.93 38.92 60.00 10.125 24.53 0.30 10.94 35.77 50.00 23.140 30.99 0.35 10.89 42.23 60.00	MHz dBuV dB dB dBuV dBuV dB 0.150 30.69 0.14 10.78 41.61 66.00 -24.39 0.158 25.32 0.14 10.78 36.24 55.56 -19.32 0.190 29.52 0.15 10.76 40.43 64.02 -23.59 0.249 26.47 0.16 10.75 37.38 61.78 -24.40 0.249 23.88 0.16 10.75 34.79 51.78 -16.99 0.377 13.22 0.22 10.72 24.16 48.34 -24.18 2.869 25.89 0.33 10.92 37.14 56.00 -18.86 4.049 20.40 0.34 10.89 31.63 46.00 -14.37 9.861 27.69 0.30 10.93 38.92 60.00 -21.08 10.125 24.53 0.30 10.94 35.77 50.00 -14.23 23.140 30.99 0.35

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.



Neutral:



Trace: 3

: CCIS Shielding Room : FCC PART15 B QP LISN NEUTRAL Site Condition

EUT : Mobile phone

Model : AKARU A5 QL

Test Mode : PC Mode

Power Rating : AC 120V/60Hz

Environment : Temp: 23 °C Huni:56% Atmos:101KPa

Test Engineer: YT

Remarb

Remark

Freq			Cable Loss	Level	Limit Line	Over Limit	Remark
MHz	dBu∜	dB	dB	dBu₹	dBu∀	dB	
0.158	26.85	0.13	10.78	37.76	55.56	-17.80	Average
0.190	31.08	0.14	10.76	41.98	64.02	-22.04	QP
0.253	28.92	0.17	10.75	39.84	61.64	-21.80	QP
0.253	24.25	0.17	10.75	35.17	51.64	-16.47	Average
0.318	22.38	0.20	10.74	33.32	59.75	-26.43	QP
0.381	19.77	0.22	10.72	30.71	58.25	-27.54	QP
1.790	12.46	0.26	10.95	23.67	46.00	-22.33	Average
9.552	15.89	0.25	10.92	27.06	50.00	-22.94	Average
16.839	24.25	0.27	10.91	35.43	60.00	-24.57	QP
16.839	23.64	0.27	10.91	34.82	50.00	-15.18	Average
23.018	27.95	0.25	10.89	39.09	60.00	-20.91	QP
23.263	25.65	0.25	10.89	36.79	50.00	-13.21	Average
	Freq MHz 0.158 0.190 0.253 0.253 0.318 0.381 1.790 9.552 16.839 16.839 23.018	Read Level MHz dBuV 0.158 26.85 0.190 31.08 0.253 28.92 0.253 24.25 0.318 22.38 0.381 19.77 1.790 12.46 9.552 15.89 16.839 24.25 16.839 23.64 23.018 27.95	Read LISN Level Factor MHz dBuV dB 0.158 26.85 0.13 0.190 31.08 0.14 0.253 28.92 0.17 0.253 24.25 0.17 0.318 22.38 0.20 0.381 19.77 0.22 1.790 12.46 0.26 9.552 15.89 0.25 16.839 24.25 0.27 16.839 23.64 0.27 23.018 27.95 0.25	Read LISN Cable Level Factor Loss MHz dBuV dB dB 0.158 26.85 0.13 10.78 0.190 31.08 0.14 10.76 0.253 28.92 0.17 10.75 0.253 24.25 0.17 10.75 0.318 22.38 0.20 10.74 0.381 19.77 0.22 10.72 1.790 12.46 0.26 10.95 9.552 15.89 0.25 10.92 16.839 24.25 0.27 10.91 16.839 23.64 0.27 10.91 23.018 27.95 0.25 10.89	Read LISN Level Cable Level Level MHz dBuV dB dB dB dBuV 0.158 26.85 0.13 10.78 37.76 0.190 31.08 0.14 10.76 41.98 0.253 28.92 0.17 10.75 39.84 0.253 24.25 0.17 10.75 35.17 0.318 22.38 0.20 10.74 33.32 0.381 19.77 0.22 10.72 30.71 1.790 12.46 0.26 10.95 23.67 9.552 15.89 0.25 10.92 27.06 16.839 24.25 0.27 10.91 35.43 16.839 23.64 0.27 10.91 34.82 23.018 27.95 0.25 10.89 39.09	Read LISN Cable Limit	Read LISN Freq Cable Level Limit Limit Over Line Over Line Limit Over Line Line Limit Over Line Line Limit Over Line Line Line Limit Over Line <

- 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

0.2 Naulateu Elliissioli										
Test Requirement:	FCC Part 15 B Section 15.109									
Test Method:	ANSI C63.4:201	ANSI C63.4:2014								
Test Frequency Range:	30MHz to 26000	OMHz								
Test site:	Measurement D	istance:	3m (Se	mi-Anechoi	c Chan	nber)				
Receiver setup:	Frequency	Dete		RBW 120kHz	VB۱		Remark			
·	30MHz-1GHz	30MHz-1GHz Quasi-p			300k		Quasi-peak Value			
			3MF		Peak Value					
Limit:	Frequenc					72	Average Value Remark			
LIIIII.	30MHz-88M		LIIIII	40.0	20111)	(Quasi-peak Value			
	88MHz-216N			43.5			Quasi-peak Value			
	216MHz-960			46.0			Quasi-peak Value			
	960MHz-1G			54.0			Quasi-peak Value			
				54.0			Average Value			
	Above 1GI	1Z		74.0			Peak Value			
Test setup:	Below 1GHz Antenna Tower Search									
	EUT 4m Antenna RF Test Receiver Tum Table Antenna Ground Plane									
	Above 1GHz									
	NAMAN A SOCIAL PROPERTY OF THE	E EUT	EUT Horn Antenna Tower							





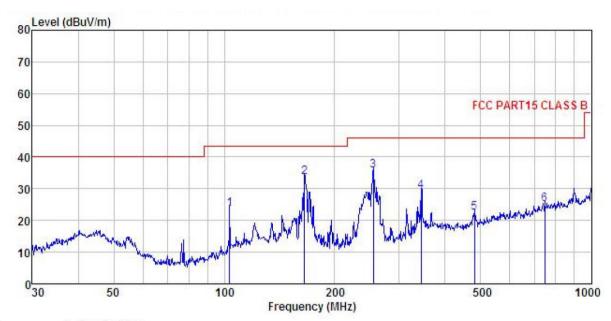
Test Procedure:	ground	1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.							
		2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.							
	3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.								
	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.								
	5. 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 limit specified, then testing could be stopped and the peak values of EUT would be reported. Otherwise the emissions that did not have 1 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 environment:	Temp.:	25 °C	Humid.:	55%	Press.:	1 01kPa			
Test Instruments:	Refer to se	Refer to section 5.7 for details							
Test mode:	Refer to se	Refer to section 5.3 for details							
Test results:	Passed	Passed							
Remark:	All of the o	All of the observed value above 6GHz ware the niose floor , which were no recorded							



Measurement Data:

Below 1GHz

Horizontal:



Site

: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M3G) HORIZONTAL Condition

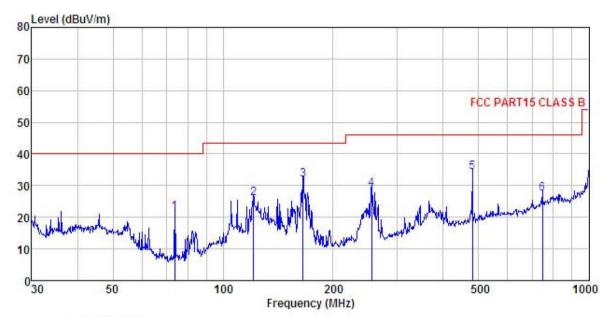
: Mobile phone : AKARU A5 QL EUT Model Test mode: PC mode
Power Rating: AC120V/60Hz
Environment: Temp: 25.5°C Huni: 55% 101KPa
Test Engineer: YT

REMARK

Freq								Remark
MHz	dBu∜	<u>dB</u> /m		<u>ab</u>	$\overline{dBuV/m}$	$\overline{dBuV/m}$	<u>dB</u>	
103.442	40.77	10.45	1.97	29.50	23.69	43.50	-19.81	QP
165.487	50.41	9.84	2.62	29.09	33.78	43.50	-9.72	QP
254.728	49.74	11.81	2.82	28.53	35.84	46.00	-10.16	QP
344.386	40.64	13.97	3.08	28.55	29.14	46.00	-16.86	QP
480.528	31.22	16.57	3.46	28.92	22.33	46.00	-23.67	QP
747.483	28.79	20.32	4.35	28.49	24.97	46.00	-21.03	QP
	MHz 103.442 165.487 254.728 344.386 480.528	Freq Level MHz dBuV 103.442 40.77 165.487 50.41 254.728 49.74 344.386 40.64 480.528 31.22	### Revel Factor MHz dBuV dB/m	Freq Level Factor Loss MHz dBuV dB/m dB 103.442 40.77 10.45 1.97 165.487 50.41 9.84 2.62 254.728 49.74 11.81 2.82 344.386 40.64 13.97 3.08 480.528 31.22 16.57 3.46	MHz dBuV dB/m dB dB 103.442 40.77 10.45 1.97 29.50 165.487 50.41 9.84 2.62 29.09 254.728 49.74 11.81 2.82 28.53 344.386 40.64 13.97 3.08 28.55 480.528 31.22 16.57 3.46 28.92	MHz dBuV dB/m dB dB dB dBuV/m 103.442 40.77 10.45 1.97 29.50 23.69 165.487 50.41 9.84 2.62 29.09 33.78 254.728 49.74 11.81 2.82 28.53 35.84 344.386 40.64 13.97 3.08 28.55 29.14 480.528 31.22 16.57 3.46 28.92 22.33	MHz dBuV dB/m dB dB dBuV/m dBuV/m dBuV/m 103.442 40.77 10.45 1.97 29.50 23.69 43.50 165.487 50.41 9.84 2.62 29.09 33.78 43.50 254.728 49.74 11.81 2.82 28.53 35.84 46.00 344.386 40.64 13.97 3.08 28.55 29.14 46.00 480.528 31.22 16.57 3.46 28.92 22.33 46.00	Freq Level Factor Loss Factor Level Line Limit



Vertical:



Site Condition

: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M3G) VERTICAL

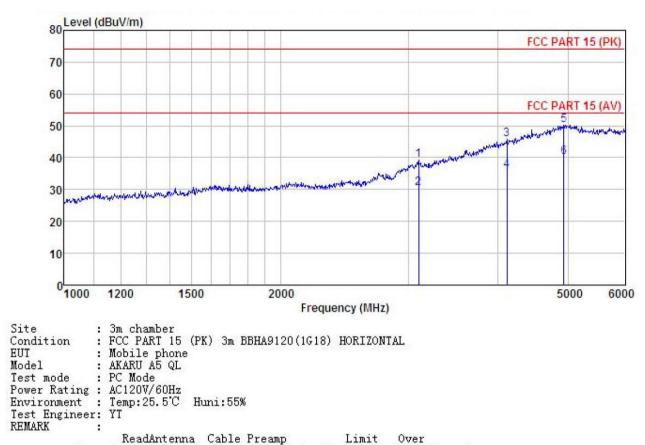
: Mobile phone : AKARU A5 QL EUT : AKARU A5 QL
Test mode : PC mode
Power Rating : AC120V/60Hz
Environment : Temp:25.5°C Huni:55% 101KPa
Test Engineer: YT
REMARK :

x_{INVIV}									
	Freq		Antenna Factor				Limit	Over	Remark
	1104	20001	1 40.01	1000	1 40 001	20001	Lino	TIME (ROMALK
-	MHz	dBu₹	dB/m	₫B	₫B	dBuV/m	dBu√/m	<u>dB</u>	
1	73.876	43.32	6.40	1.61	29.69	21.64	40.00	-18.36	QP
2	121.123	41.25	11.86	2.18	29.38	25.91	43.50	-17.59	QP
2	165.487	48.51	9.84	2.62	29.09	31.88	43.50	-11.62	QP
4	254.728	42.88	11.81	2.82	28.53	28.98	46.00	-17.02	QP
5	480.528	43.06	16.57	3.46	28.92	34.17	46.00	-11.83	QP
6	747.483	31.40	20.32	4.35	28.49	27.58	46.00	-18.42	QP



Above 1GHz

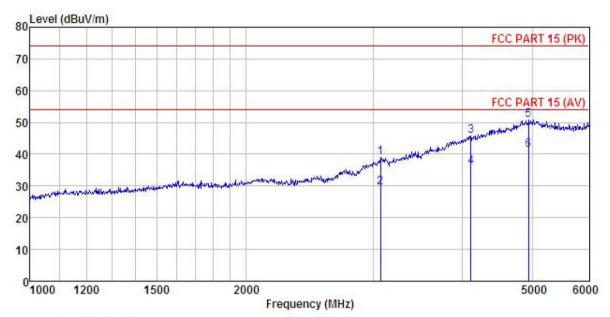
Horizontal:



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	Freq		Antenna Factor				Limit Line		Remark
-	MHz	dBu∜	<u>dB</u> /m	<u>d</u> B	<u>dB</u>	dBuV/m	dBuV/m	<u>dB</u>	
1	3103.467	49.29	26.10	5.39	41.46	39.32	74.00	-34.68	Peak
2	3103.467	40.37	26.10	5.39	41.46	30.40	54.00	-23.60	Average
3	4115.156	48.61	32.79	6.27	41.81	45.86	74.00	-28.14	Peak
4	4115.156	38.65	32.79	6.27	41.81	35.90	54.00	-18.10	Average
5	4931.516	48.70	36.58	6.89	41.86	50.31	74.00	-23.69	Peak
6	4931.516	38.67	36.58	6.89	41.86	40.28	54.00	-13.72	Average



Vertical:



Site

: 3m chamber : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL Condition

: Mobile phone : AKARU A5 QL EUT Model Test mode : PC Mode Power Rating: AC120V/60Hz
Environment: Temp:25.5°C Huni:55%
Test Engineer: YT
REMARK:

EMAK	K :								
	Freq		Antenna Factor				Limit Line		
	MHz	dBu∜		<u>dB</u>	<u>dB</u>	dBuV/m	dBu√/m	<u>dB</u>	
1 2	3073.417 3073.417	49.00 39.67		5.38 5.38	41.47 41.47		74.00 54.00		Peak Average
3	4107.156 4107.156	48.64 38.67	32.79 32.79	6.27 6.27			74.00 54.00		Peak Average
5 6	4941.121 4941.121	49.14 39.58		6.90 6.90			74.00	-23.18	