Report No: CCIS15070060604

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: GSM Mobile Phone

Model No.: A40Q

Trade mark: Azumi

FCC ID: QRP-AZUMIA40Q

Applicable standards: FCC CFR Title 47 Part 15 Subpart B

Date of sample receipt: 28 Jul., 2015

Date of Test: 28 Jul., to 06 Sep., 2015

Date of report issued: 07 Sep., 2015

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.

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





Version

Version No.	Date	Description
00	07 Sep., 2015	Original

Viki zhul Test Engineer Tested by: Date: 07 Sep., 2015

Reviewed by: Date: 07 Sep., 2015

Project Engineer





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4 Test Summary

Test Item	Section in CFR 47	Result		
Conducted Emission	Part15.107	Pass		
Radiated Emission	Part15.109	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:	United Creation Technology Co., Ltd
Address of Manufacturer:	Room 201, Block A, Science & Technology Building Phase-II, Nanhai Av. 1057, Nanshan, Shenzhen, China
Factory:	HUIZHOU Unison Electronics Co., Ltd.
Address of Factory:	Huizhou MaAn town QunLe road school Gold yeu two-floor

5.2 General Description of E.U.T.

Product Name:	GSM Mobile Phone	GSM Mobile Phone			
Model No.:	A40Q				
Power supply:	Rechargeable Li-ion Battery DC3.7V-1350mAh				
	Model No.:A40Q				
AC adapter :	Input:100-240V AC,50/60Hz 0.15A				
	Output:5V DC MAX 500mA				

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+Play mode	Keep the EUT in Charging+Play mode
GPS mode	Keep the EUT in GPS receiver 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.



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5.4 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	MERCURY Wireless router		12922104015	FCC ID	
NAKAMICHI	Bluetooth	Т8	N/A	ECC ID	
INANAIVIICHI	earphone	10	IN/A	FCC ID	

5.5 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.

5.6 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





5.7 Test Instruments list

Radia	Radiated Emission:								
Item	Test Equipment	Manufacturer	ufacturer Model No.		Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)			
1	3m Semi- Anechoic Chamber	SAEMC	9(L)*6(W)* 6(H)	CCIS0001	08-23-2014	08-22-2017			
2	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	CCIS0005	03-28-2015	03-28-2016			
3	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	CCIS0006	03-28-2015	03-28-2016			
4	EMI Test Software	AUDIX	E3	N/A	N/A	N/A			
5	Amplifier (10kHz-1.3GHz)	HP	8447D	CCIS0003	04-01-2015	03-31-2016			
6	Amplifier (1GHz-18GHz)	Compliance Direction Systems Inc.	PAP-1G18	CCIS0011	04-01-2015	03-31-2016			
7	Pre-amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	04-01-2015	03-31-2016			
8	Horn Antenna	ETS-LINDGREN	3160	GTS217	04-01-2015	03-31-2016			
9	Printer	HP	HP LaserJet P1007	N/A	N/A	N/A			
10	Positioning Controller	UC	UC3000	CCIS0015	N/A	N/A			
11	Spectrum analyzer 9k-30GHz	Rohde & Schwarz	FSP	CCIS0023	03-28-2015	03-28-2016			
12	EMI Test Receiver	Rohde & Schwarz	ESPI	CCIS0022	03-28-2015	03-28-2016			
13	Loop antenna	Laplace instrument	RF300	EMC0701	04-01-2015	03-31-2016			
14	Universal radio Rhode & Schwarz communication tester		CMU200	CCIS0069	03-28-2015	03-28-2016			
15	Signal Analyzer	Rohde & Schwarz	FSIQ3	CCIS0088	04-08-2015	04-08-2016			

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	11-10-2012	11-09-2015			
2	EMI Test Receiver	Rohde & Schwarz	ESCI	CCIS0002	03-28-2015	03-28-2016			
3	LISN	CHASE	MN2050D	CCIS0074	03-28-2015	03-28-2016			
4	Coaxial Cable	CCIS	N/A	CCIS0086	04-01-2015	03-31-2016			



6 Test results and Measurement Data

6.1 Conducted Emission

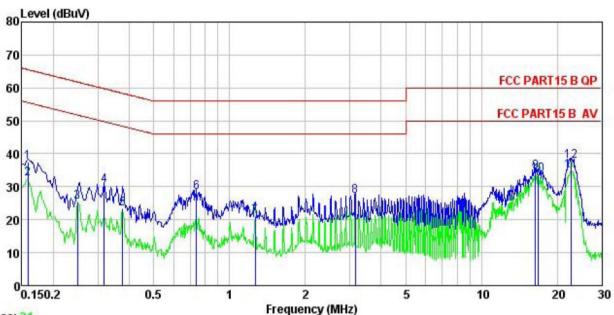
Test Requirement:	FCC Part 15 B Section 15.10)7					
Test Method:	ANSI C63.4:2009						
Test Frequency Range:	150kHz to 30MHz						
Class / Severity:	Class B						
Receiver setup:	RBW=9kHz, VBW=30kHz						
Limit:	Frequency range (MHz)	Lir	mit (dBµV)				
		Quasi-peak	Average				
	0.15-0.5	66 to 56*	56 to 46*				
	0.5-5	56	46				
	0.5-30 * Decreases with the logarith	60	50				
Test setup:	Reference Plan	· ·					
Taskanasakan	AUX Equipment Test table/Insulation plane Remark E U.T. Equipment Under Test LISN 40cm 80cl E.U.T. Test table/Insulation plane	Filter — A EMI Receiver	C power				
Test procedure	 The E.U.T and simulators line impedance stabilization 500hm/50uH coupling impedance. The peripheral devices are a 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 mease also connected to ohm/50uH coupling a to the block diagrate checked for maximal the maximum emd all of the interface	. The provide a asuring equipment. the main power through impedance with 50ohm am of the test setup and mum conducted hission, the relative cables must be changed				
Test environment:	Temp.: 23 °C Hun	nid.: 56%	Press.: 1 01kPa				
Measurement Record:		· '	Uncertainty: 3.28dB				
Test Instruments:	Refer to section 5.7 for detail	ls					
Test mode:	Refer to section 5.3 for detail	ls					
	 						





Measurement data:

Line:



Trace: 21

: CCIS Shielding Room : FCC PART15 B QP LISN LINE : GSM mobile phone Site

Condition

EUT Model : A40Q

Test Mode : PC mode Power Rating : AC 120V/60Hz

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

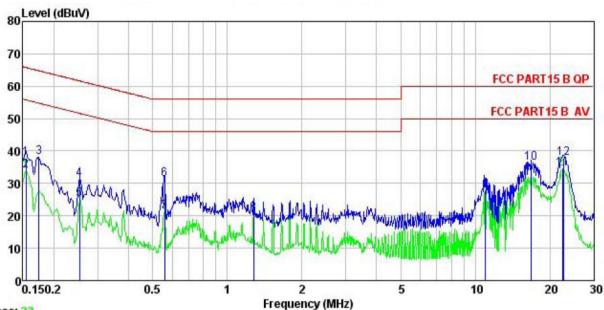
Test Engineer: Viki Remark :

Freq	Read Level	LISN Factor			Limit Line	Over Limit	Remark
MHz	dBu∜	<u>dB</u>	dB	dBu∜	dBu₹	dB	
0.158	26.34	0.27	10.78	37.39	65.56	-28.17	QP
0.158	21.50	0.27	10.78	32.55	55.56	-23.01	Average
0.249	14.36	0.27	10.75	25.38	51.78	-26.40	Average
0.318	19.42	0.26	10.74	30.42	59.75	-29.33	QP
0.377	12.38	0.28	10.72	23.38	48.34	-24.96	Average
0.739	17.34	0.22	10.79	28.35	56.00	-27.65	QP
1.262	9.67	0.25	10.90	20.82	46.00	-25.18	Average
3.156	15.96	0.27	10.91	27.14	56.00	-28.86	QP
16.398	23.34	0.33	10.91	34.58	60.00	-25.42	QP
16.839	22.34	0.33	10.91	33.58	50.00	-16.42	Average
22.655	23.42	0.44	10.89	34.75	50.00	-15.25	Average
22.775	26.42	0.44	10.89	37.75	60.00	-22.25	QP
	MHz 0. 158 0. 158 0. 249 0. 318 0. 377 0. 739 1. 262 3. 156 16. 398 16. 839 22. 655	Freq Level MHz dBuV 0.158 26.34 0.158 21.50 0.249 14.36 0.318 19.42 0.377 12.38 0.739 17.34 1.262 9.67 3.156 15.96 16.398 23.34 16.839 22.34 22.655 23.42	MHz dBuV dB 0.158 26.34 0.27 0.158 21.50 0.27 0.249 14.36 0.27 0.318 19.42 0.26 0.377 12.38 0.28 0.739 17.34 0.22 1.262 9.67 0.25 3.156 15.96 0.27 16.398 23.34 0.33 16.839 22.34 0.33 22.655 23.42 0.44	MHz dBuV dB dB 0.158 26.34 0.27 10.78 0.158 21.50 0.27 10.78 0.249 14.36 0.27 10.75 0.318 19.42 0.26 10.74 0.377 12.38 0.28 10.72 0.739 17.34 0.22 10.79 1.262 9.67 0.25 10.90 3.156 15.96 0.27 10.91 16.398 23.34 0.33 10.91 16.839 22.34 0.33 10.91 22.655 23.42 0.44 10.89	MHz dBuV dB dB dBuV 0.158 26.34 0.27 10.78 37.39 0.158 21.50 0.27 10.78 32.55 0.249 14.36 0.27 10.75 25.38 0.318 19.42 0.26 10.74 30.42 0.377 12.38 0.28 10.72 23.38 0.739 17.34 0.22 10.79 28.35 1.262 9.67 0.25 10.90 20.82 3.156 15.96 0.27 10.91 27.14 16.398 23.34 0.33 10.91 34.58 16.839 22.34 0.33 10.91 33.58 22.655 23.42 0.44 10.89 34.75	MHz dBuV dB dB dBuV dBuV 0.158 26.34 0.27 10.78 37.39 65.56 0.158 21.50 0.27 10.78 32.55 55.56 0.249 14.36 0.27 10.75 25.38 51.78 0.318 19.42 0.26 10.74 30.42 59.75 0.377 12.38 0.28 10.72 23.38 48.34 0.739 17.34 0.22 10.79 28.35 56.00 1.262 9.67 0.25 10.90 20.82 46.00 3.156 15.96 0.27 10.91 27.14 56.00 16.398 23.34 0.33 10.91 34.58 60.00 16.839 22.34 0.33 10.91 33.58 50.00 22.655 23.42 0.44 10.89 34.75 50.00	MHz dBuV dB dB dBuV dBuV dB 0.158 26.34 0.27 10.78 37.39 65.56 -28.17 0.158 21.50 0.27 10.78 32.55 55.56 -23.01 0.249 14.36 0.27 10.75 25.38 51.78 -26.40 0.318 19.42 0.26 10.74 30.42 59.75 -29.33 0.377 12.38 0.28 10.72 23.38 48.34 -24.96 0.739 17.34 0.22 10.79 28.35 56.00 -27.65 1.262 9.67 0.25 10.90 20.82 46.00 -25.18 3.156 15.96 0.27 10.91 27.14 56.00 -28.86 16.398 23.34 0.33 10.91 34.58 60.00 -25.42 16.839 22.34 0.33 10.91 33.58 50.00 -16.42 22.655 23.42 0.44





Neutral:



Trace: 23

Site

: CCIS Shielding Room : FCC PART15 B QP LISN NEUTRAL : GSM mobile phone Condition

EUT

: A40Q Model Test Mode : PC mode
Power Rating : AC 120V/60Hz
Environment : Temp: 23 °C Huni:56% Atmos:101KPa

Test Engineer: Viki

Remark

	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBu∜	<u>dB</u>	<u>dB</u>	dBu∜	dBu∀	<u>dB</u>	
1	0.154	26.86	0.25	10.78	37.89	65.78	-27.89	QP
2	0.154	22.96	0.25	10.78	33.99	55.78	-21.79	Average
3	0.174	27.15	0.25	10.77	38.17	64.77	-26.60	QP
2 3 4 5 6 7 8 9	0.253	20.19	0.26	10.75	31.20	61.64	-30.44	QP
5	0.253	14.20	0.26	10.75	25.21	51.64	-26.43	Average
6	0.558	20.32	0.25	10.77	31.34	56.00	-24.66	QP
7	0.558	10.13	0.25	10.77	21.15	46.00	-24.85	Average
8	1.276	9.41	0.24	10.90	20.55	46.00	-25.45	Average
9	10.963	16.64	0.25	10.93	27.82	50.00	-22.18	Average
10	16.750	25.07	0.25	10.91	36.23	60.00	-23.77	QP
11	22.416	23.24	0.37	10.90	34.51	50.00	-15.49	Average
12	22.655	26.43	0.38	10.89	37.70	60.00	-22.30	QP

Notes:

- 1. The following Quasi-Peak and Average measurements were performed on the EUT
- 2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.





6.2 Radiated Emission

0.2 Radiated Elliission								
Test Requirement:	FCC Part 15 B Section 15.109							
Test Method:	ANSI C63.4:2009							
Test Frequency Range:	30MHz to 6000MHz							
Test site:	Measurement	Distance:	3m (Se	mi-Anechoi	c Chan	nber)		
Receiver setup:	Frequency	Detec	tor	RBW	VBV	N	Remark	
	30MHz- 1GHz	Quasi-p		120kHz	300kHz		Quasi-peak Value	
	Above 1GHz	Pea Average		1MHz 1MHz	3MHz 10Hz		Peak Value Average Value	
Limit:	Frequer	Frequency Limit ((dBuV/m @			Remark	
	30MHz-88			40.0		(Quasi-peak Value	
	88MHz-210		43.5				Quasi-peak Value	
	216MHz-96			46.0			Quasi-peak Value	
	960MHz-1	GHz		54.0			Quasi-peak Value	
	Above 10			54.0			Average Value	
	Above 10	J∏∠		74.0			Peak Value	
Test setup:	Below 1GHz			-=	A	Towers		
	Antenna Tower Search Antenna RF Test Receiver Ground Plane							
	Above 1GHz			J				
	Ground Reference Plane Test Receiver Pre-Amptifer Controller						Antenna Tower	





Test Procedure:	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.							
	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 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 environment:	Temp.: 25 °C Humid.: 55% Press.: 1 01kPa							
Measurement Record:	Uncertainty: 4.88dB							
Test Instruments:	Refer to section 5.7 for details							
Test mode:	Refer to section 5.3 for details							
Test results:	Passed							

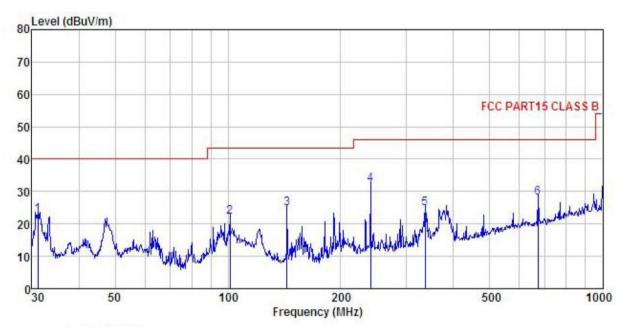




Measurement Data

Below 1GHz

Horizontal:



Site

: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M1G) HORIZONTAL : GSM mobile phone Condition

EUT

Model : A40Q Test mode : PC mode
Power Rating : AC 120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: Viki

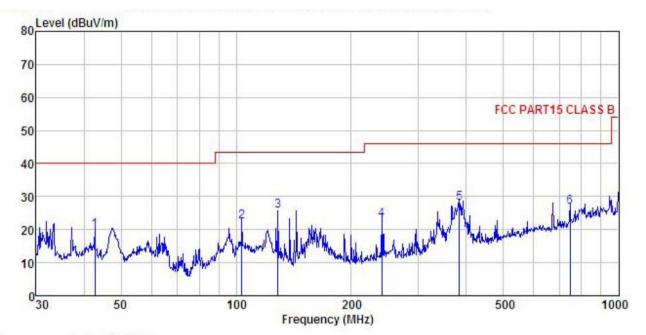
Remark

OMGIA		Read	Antenna	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dBu₹	dB/m	<u>dB</u>	<u>dB</u>	$\overline{dBuV/m}$	$\overline{dBuV/m}$	<u>dB</u>	
1	31.071	39.82	12.32	0.44	29.97	22.61	40.00	-17.39	QP
2	101.289	37.57	13.02	0.97	29.52	22.04	43.50	-21.46	QP
3	143.830	44.53	8.22	1.28	29.25	24.78	43.50	-18.72	QP
4	239.987	47.06	12.09	1.58	28.59	32.14	46.00	-13.86	QP
5	336.035	37.48	13.99	1.89	28.53	24.83	46.00	-21.17	QP
6	672.845	35.13	18.72	2.85	28.73	27.97	46.00	-18.03	QP





Vertical:



Site

: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M1G) VERTICAL : GSM mobile phone Condition

EUT

Model : A40Q Test mode : PC mode Power Rating : AC 120V/60Hz

Environment : Temp: 25.5°C Huni: 55%

Test Engineer: Viki Remark :

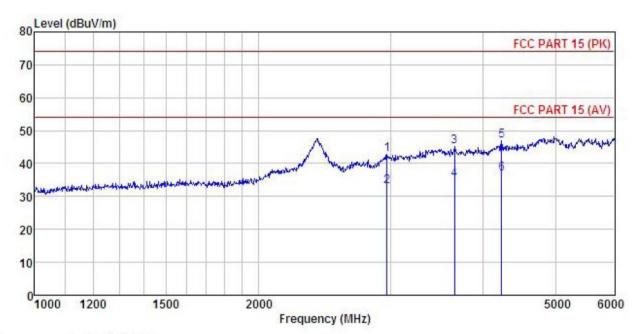
•	Read	Antenna	Cable	Preamo		Limit	Over	
Freq								Remark
MHz	dBu∜	$\overline{-dB}/\overline{m}$	₫B	<u>dB</u>	$\overline{dBuV/m}$	$\overline{dBuV/m}$	<u>dB</u>	
42.750	35.59	13.56	0.54	29.88	19.81	40.00	-20.19	QP
103.442	38.17	12.82	0.99	29.50	22.48	43.50	-21.02	QP
128.563	44.76	9.12	1.18	29.34	25.72	43.50	-17.78	QP
239.987	37.97	12.09	1.58	28.59	23.05	46.00	-22.95	QP
383.932	39.92	14.68	2.06	28.71	27.95	46.00	-18.05	QP
747.483	33.02	19.43	3.03	28.49	26.99	46.00	-19.01	QP
	MHz 42.750 103.442 128.563 239.987 383.932	Freq Level MHz dBuV 42.750 35.59 103.442 38.17 128.563 44.76 239.987 37.97 383.932 39.92	Freq Level Factor MHz dBuV dB/m 42.750 35.59 13.56 103.442 38.17 12.82 128.563 44.76 9.12 239.987 37.97 12.09 383.932 39.92 14.68	Freq Level Factor Loss MHz dBuV dB/m dB 42.750 35.59 13.56 0.54 103.442 38.17 12.82 0.99 128.563 44.76 9.12 1.18 239.987 37.97 12.09 1.58 383.932 39.92 14.68 2.06	MHz dBuV dB/m dB dB 42.750 35.59 13.56 0.54 29.88 103.442 38.17 12.82 0.99 29.50 128.563 44.76 9.12 1.18 29.34 239.987 37.97 12.09 1.58 28.59 383.932 39.92 14.68 2.06 28.71	MHz dBuV dB/m dB dB dBuV/m 42.750 35.59 13.56 0.54 29.88 19.81 103.442 38.17 12.82 0.99 29.50 22.48 128.563 44.76 9.12 1.18 29.34 25.72 239.987 37.97 12.09 1.58 28.59 23.05 383.932 39.92 14.68 2.06 28.71 27.95	MHz dBuV dB/m dB dB dBuV/m dBuV/m 42.750 35.59 13.56 0.54 29.88 19.81 40.00 103.442 38.17 12.82 0.99 29.50 22.48 43.50 128.563 44.76 9.12 1.18 29.34 25.72 43.50 239.987 37.97 12.09 1.58 28.59 23.05 46.00 383.932 39.92 14.68 2.06 28.71 27.95 46.00	MHz dBuV dB/m dB dB dBuV/m dBuV/m <t< td=""></t<>





Above 1GHz

Horizontal:



Site

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

: GSM mobile phone EUT

Model Test mode : PC Mode
Power Rating : AC 120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: Viki
REMARK : A40Q

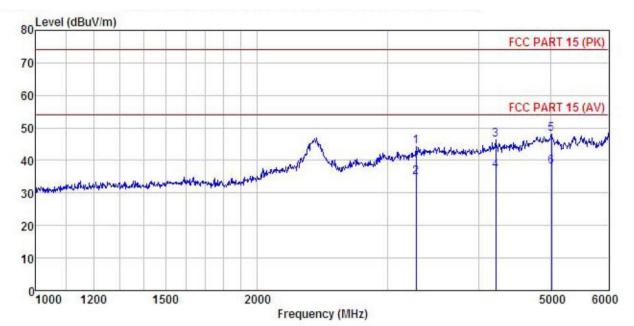
REMARK

הידאוני	r :	D J	A	C-11-	D		Limit	0	
	Freq		Antenna Factor					Over Limit	Remark
	MHz	dBu₹	<u>dB</u> /m	<u>d</u> B	<u>dB</u>	dBuV/m	dBuV/m	dB	
1	2972.460	47.08	28.46	7.78	40.54	42.78	74.00	-31.22	Peak
2	2972.460	37.48	28.46	7.78	40.54	33.18	54.00	-20.82	Average
3	3659.161	47.21	29.23	9.06	40.39	45.11	74.00	-28.89	Peak
4	3659.161	37.18	29.23	9.06	40.39	35.08	54.00	-18.92	Average
5	4230.695	47.58	30.28	9.91	40.93	46.84	74.00	-27.16	Peak
6	4230.695	37.57	30.28	9.91	40.93	36.83	54.00	-17.17	Average





Vertical:



Site

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

EUT

Model : A40Q Test mode : PC Mode Power Rating : AC 120V/60Hz

Environment: Temp: 25.5°C Huni: 55%

Test Engineer: Viki REMARK :

	Freq		Antenna Factor				Limit Line	Over Limit	Remark	
-	MHz	dBu₹	<u>dB</u> /m	dB	<u>d</u> B	dBuV/m	dBuV/m	<u>dB</u>		-
1	3286. 188	47.29	28.41	8.40	39.93	44.17	74.00	-29.83	Peak	
	3286.188	37.91	28.41	8.40	39.93	34.79			Average	
3	4215.562	47.10	30.24	9.89	40.94	46.29	74.00	-27.71	Peak	
4	4215.562	37.59	30.24	9.89	40.94	36.78	54.00	-17.22	Average	
5	5015.753	45.54	31.85	10.80	39.99	48.20	74.00	-25.80	Peak	
6	5015.753	35.42	31.85	10.80	39.99	38.08	54.00	-15.92	Average	