

FCC REPORT

Applicant:	MOVILTELCO TRADE, S.L			
Address of Applicant:	C/ ABTAO, 25-1º A MADRID (28007) SPAIN			
Equipment Under Test (E	UT)			
Product Name:	mobile phone			
Model No.:	A26			
Trade mark:	mtt			
FCC ID:	2ACQKTELCO003			
Applicable standards:	FCC CFR Title 47 Part 15 Subpart B			
Date of sample receipt:	18 Aug., 2014			
Date of Test:	18 Aug., to 29 Aug., 2014			
Date of report issued:	01 Sep., 2014			
Test Result:	Pass *			

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

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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2 Version

Version No.	Date	Description
00	01 Sep., 2014	Original

Prepared by:

Sera Ximy Report Clerk

01 3

01 Sep., 2014

Reviewed by:

Wimer whan

Date:

Date:

01 Sep., 2014

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:	MOVILTELCO TRADE, S.L
Address of Applicant:	C/ ABTAO, 25-1º A MADRID (28007) SPAIN
Manufacturer:	REACH CHANCE INTERNATIONAL LIMITED
Address of Manufacturer:	7/F KIN ON COMMERCIAL BUILDING 49-51 JERVOIS STREET SHEUNG WAN, HK

5.2 General Description of E.U.T.

Product Name:	mobile phone
Model No.:	A26
Power supply:	Rechargeable Li-ion Battery DC3.7V- 1350mAh
AC adapter :	Input:100-240V AC,50/60Hz 0.2A Output:5.0V DC MAX600mA

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			
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.



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	Wireless router	MW150R	12922104015	FCC ID

5.4 Description of Support Units

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: 0755-23118282 Fax: 0755-23116366



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5.7 Test Instruments list

Radiated Emission:							
ltem	Test Equipment	Manufacturer	Model No.	Inventory 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	June 09 2014	June 08 2015	
2	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	CCIS0005	May 25 2014	May 24 2015	
3	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	CCIS0006	May 25 2014	May 24 2015	
4	EMI Test Software	AUDIX	E3	N/A	N/A	N/A	
5	Coaxial Cable	CCIS	N/A	CCIS0016	Apr. 01 2014	Mar. 31 2015	
6	Coaxial Cable	CCIS	N/A	CCIS0017	Apr. 01 2014	Mar. 31 2015	
7	Coaxial cable	CCIS	N/A	CCIS0018	Apr. 01 2014	Mar. 31 2015	
8	Coaxial Cable	CCIS	N/A	CCIS0019	Apr. 01 2014	Mar. 31 2015	
9	Coaxial Cable	CCIS	N/A	CCIS0087	Apr. 01 2014	Mar. 31 2015	
10	Amplifier(10kHz- 1.3GHz)	HP	8447D	CCIS0003	Apr. 01 2014	Mar. 31 2015	
11	Amplifier(1GHz- 18GHz)	Compliance Direction Systems Inc.	PAP-1G18	CCIS0011	June 09 2014	June 08 2015	
12	Pre-amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	Apr. 01 2014	Mar. 31 2015	
13	Horn Antenna	ETS-LINDGREN	3160	GTS217	Mar. 30 2014	Mar. 29 2015	
14	Printer	HP	HP LaserJet P1007	N/A	N/A	N/A	
15	Positioning Controller	UC	UC3000	CCIS0015	N/A	N/A	
16	Spectrum analyzer 9k-30GHz	Rohde & Schwarz	FSP	CCIS0023	May. 25 2014	May. 24 2015	
17	EMI Test Receiver	Rohde & Schwarz	ESPI	CCIS0022	Apr 01 2014	Mar. 31 2015	
18	Loop antenna	Laplace instrument	RF300	EMC0701	Aug. 12 2014	Aug. 11 2015	
19	Universal radio communication tester	Rhode & Schwarz	CMU200	CCIS0069	May. 25 2014	May. 24 2015	
20	Signal Analyzer	Rohde & Schwarz	FSIQ3	CCIS0088	May. 25 2014	May. 24 2015	

Cond	Conducted Emission:							
ltem	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	June 09 2014	June 08 2015		
2	EMI Test Receiver	Rohde & Schwarz	ESCI	CCIS0002	May 25 2014	May. 24 2015		
3	LISN	CHASE	MN2050D	CCIS0074	Apr. 01 2014	Mar. 31 2015		
4	Coaxial Cable	CCIS	N/A	CCIS0086	Apr. 01 2014	Mar. 31 2015		



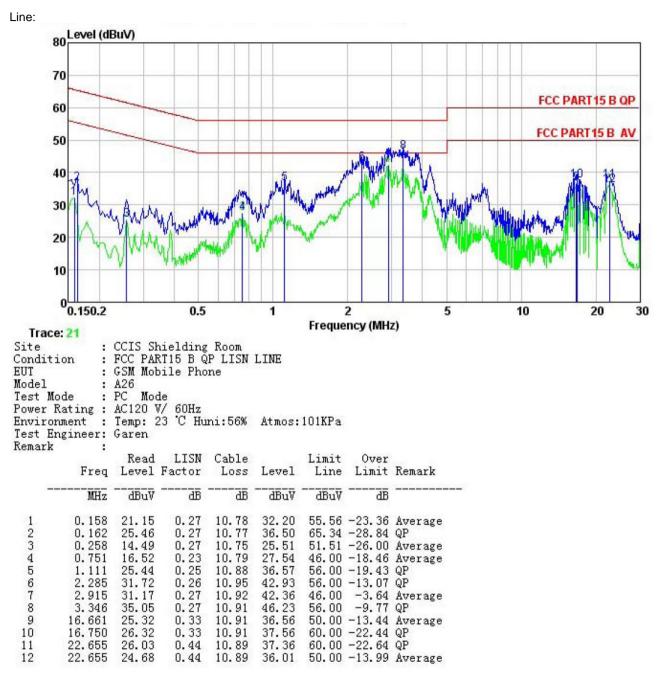
6 Test results and Measurement Data

6.1 Conducted Emission

Test Requirem	nent:	FCC Part15 B Section 15.107				
Test Method:		ANSI C63.4:2003				
Test Frequence	y Range:	150kHz to 30MHz				
Class / Severi	ty:	Class B				
Receiver setu	p: I	RBW=9kHz, VBW=30kHz				
Limit:	ſ	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		
Test setup:		Reference Plan	e			
Test procedure		AUX Equipment E.U.T Test table/Insulation plane Remark E.U.T: Equipment Under Test LISN: Line Impedence Stabilization Network Test table height=0.8m 1. The E.U.T and simulators are impedance stabilization network coupling impedance for the m 2. The peripheral devices are als that provides a 500hm/50uH c (Please refers to the block dia	EMI Receiver connected to the main port ork(L.I.S.N.). The provide easuring equipment. so connected to the main coupling impedance with	ower through a line a 50ohm/50uH power through a LISN 50ohm termination.		
		 Both sides of A.C. line are ch order to find the maximum em of the interface cables must b conducted measurement. 	ecked for maximum conc ission, the relative position e changed according to A	lucted interference. In ons of equipment and all ANSI C63.4: 2003 on		
Test environm	ent:	Temp.: 23 °C Humi	d.: 56% Pre	ss.: 1 01kPa		
Measurement	Record:	Uncertainty: 3.28dB				
Test Instrume	nts:	Refer to section 5.7 for details				
Test mode:	I	Refer to section 5.3 for details				
Test results:		Pass				

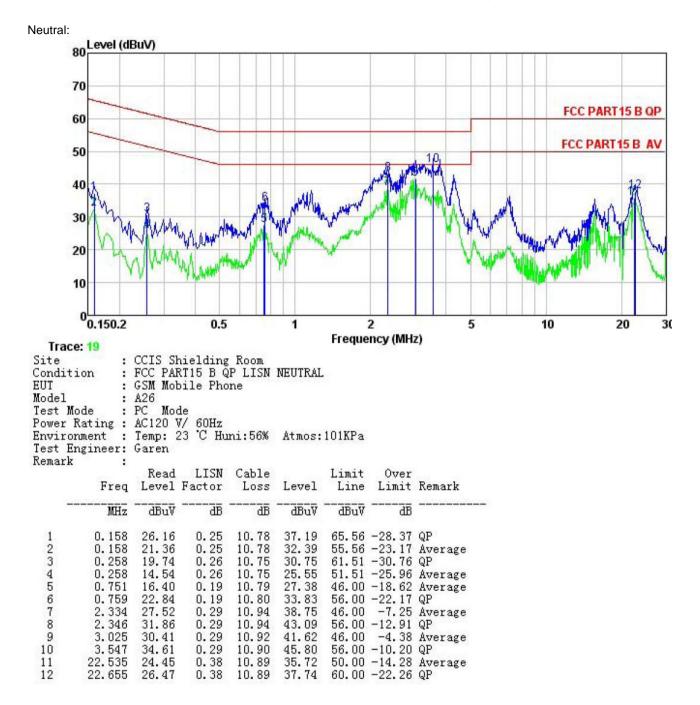


Measurement data:





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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

Test Requirement:	FCC Part15 B Se	FCC Part15 B Section 15.109				
Test Method:	ANSI C63.4:2003					
Test Frequency Range:	30MHz to 6000MHz					
Test site:	Measurement Distance: 3m (Semi-Anechoic Chamber)					
Receiver setup:	Frequency	Detector	RBW	VBW	Remark	
	30MHz-1GHz	Quasi-peak	120 kHz	300KHz	Quasi-peak Value	
	Above 1GHz	Peak	1MHz	3MHz	Peak Value	
	710010112	Peak	1MHz	10Hz	Average Value	
Limit:	Freque		Limit (dBuV/	'm @3m)	Remark	
	30MHz-8		40.0		Quasi-peak Value	
	88MHz-2		43.5		Quasi-peak Value	
	216MHz-9		46.0		Quasi-peak Value	
	960MHz-	·1GHz	54.0		Quasi-peak Value	
	Above 1	IGH7	54.0		Average Value	
			74.0)	Peak Value	
	EUT Tum Ground Plane – Above 1GHz					

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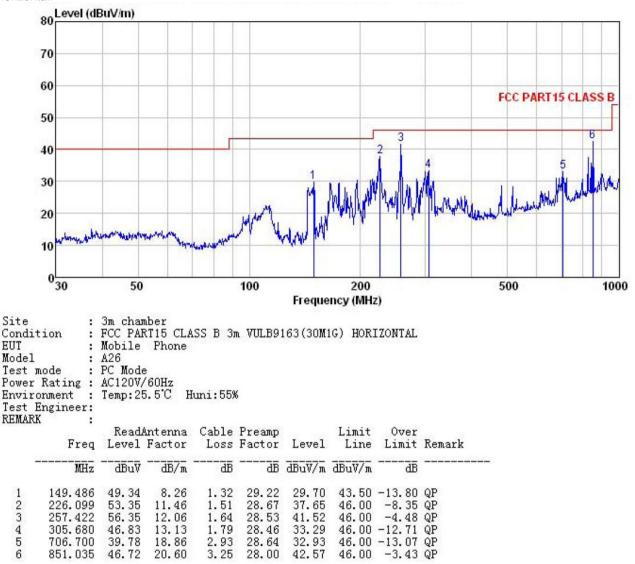
Test Procedure:	1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.					
	2. The EUT was set 3 meters away from the interference-receiving antenna, which 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 the antenna was tuned to heights from 1 meter to 4 meters and the rotatabl table was turned from 0 degrees to 360 degrees to find the maximum readi					
	 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 lim specified, then testing could be stopped and the peak values of the EUT w be reported. Otherwise the emissions that did not have 10dB margin would re-tested one by one using peak, quasi-peak or average method as specificand 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

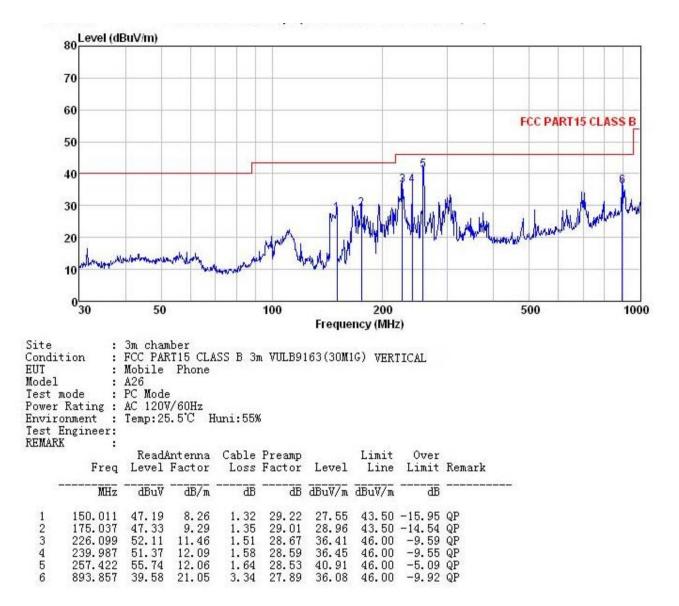
Below 1GHz

Horizontal:



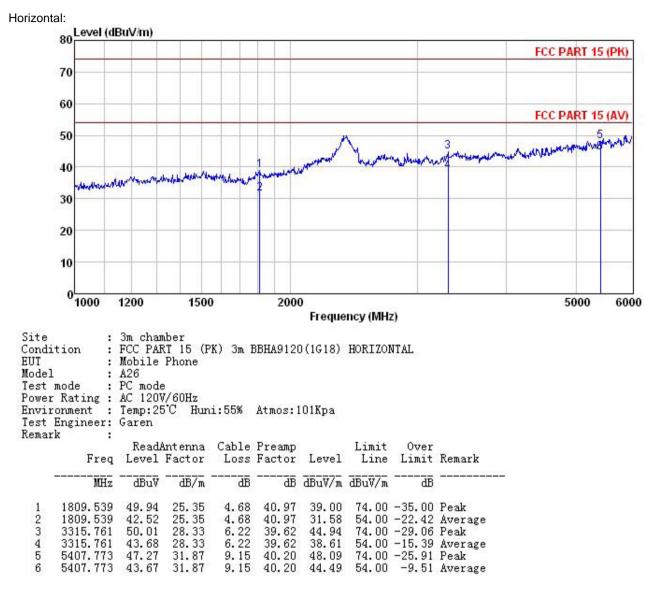


Vertical:





Above 1GHz





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