

Shenzhen Certification Technology Service Co., Ltd. 2F, Building B, East Area of Nanchang Second Industrial Zone, Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China

TEST REPORT

FCC ID: 2AA7A-MTT

Applicant: ADAR Generale Telecom Services

Address: 15, Allee Jean Jaures, 31000 TOULOUSE- FRANCE

Equipment Under Test(EUT):

Name : 2G Mobile Phone

Model : M.T.T. Protection 2G

In Accordance with: FCC PART 2; FCC PART 22H; FCC PART 24E

Report No : STI130914168-1

Date of Test : September 20-October 8, 2013

Date of Issue : October 9, 2013

Test Result: PASS

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

Authorized Signature

(Mark Zhu)

General Manager

The manufacture should ensure that all the products in series production are in conformity with the product sample detailed in this report. 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. Any mention of Shenzhen Certification Technology Service Co., Ltd. Or test done by Shenzhen Certification Technology Service Co., Ltd. Approvals in connection with, distribution or use of the product described in this report must be approved by Shenzhen Certification Technology Service Co., Ltd. Approvals in writing.

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1. General Information

1.1. Description of Device (EUT)

EUT : 2G Mobile Phone

Model No. : M.T.T. Protection 2G

Power supply : DC 5V from adapter with AC 120V/60Hz or

DC 3.7V from battery

Model No.:TY00-H-1105

Manufacturer: ADAR Generale Telecom Services

Radio Technology : GSM 850/1900, Bluetooth 2.1+EDR

Note: This report only test for GSM, for other radio test see other

test report.

Power class : GSM 850: Class 4

GSM 1900: Class 1

FCC Operation frequency : 824.2MHz—848.8MHz and 1850.2MHz—1909.8MHz For GSM

2402-2480 for Bluetooth 2.1+EDR

Modulation : GFSK, π /4 DQPSK,8- DPSK for BT

GMSK for GSM

Antenna Type : PIFA Antenna Gain: 1dBi For GSM

Dipole Antenna Gain: 1dBi for Bluetooth

Trade Name : M.T.T.

Applicant : ADAR Generale Telecom Services

Address : 15, Allee Jean Jaures, 31000 TOULOUSE- FRANCE

Manufacturer : ADAR Generale Telecom Services

Address : 15, Allee Jean Jaures, 31000 TOULOUSE- FRANCE

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1.2. Test Lab information

Shenzhen Certification Technology Service Co., Ltd. 2F, Building B, East Area of Nanchang Second Industrial Zone, Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China FCC Registered No.:197647

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2. Summary of test

2.1. Summary of test result

Description of Test Item	Standard	Results
	FCC PART 2: 2.1046	
Conducted Output power	FCC PART 22H: 22.913 (a)	PASS
	FCC PART 24E: 24.232 (c)	
De diete d'Oratoret orange (com /cion)	FCC PART 22H:22.913 (a)	PASS
Radiated Output power(erp/eirp)	FCC PART 24E:24.232(c)	PASS
	FCC PART 2: 2.1049	
Occupied bandwidth	FCC PART 22H: 22.917 (b)	PASS
	FCC PART 24E: 24.238 (b)	
	FCC PART 2: 2.1055	
Frequency stability	FCC PART 22H: 22.355	PASS
	FCC PART 24E: 24.235	
Conducted enurious emission	FCC PART 2: 2.1051	
Conducted spurious emission	FCC PART 22H: 22.917	PASS
(Antenna terminal)	FCC PART 24E: 24.238	
	FCC PART 2: 2.1053	
Radiated spurious emissions	FCC PART 22H: 22.917	PASS
	FCC PART 24E: 24.238	
DI 1 1 1	FCC PART 22H: 22.917 (b)	DACC
Block edge compliance	FCC PART 24E: 24.238 (b)	PASS
Power Line Conducted Emission Test	FCC Part 15: 15.207	PASS
Fower Line Conducted Emission Test	ANSI C63.4: 2003	rass

2.2. Assistant equipment used for test

Description :		Adapter
Manufacturer :		ADAR Generale Telecom Services
Model No.	:	TY00-H-1105

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2.3. Test mode

During all testing, EUT is in link mode with base station emulator at maximum power level in each test mode and channel as below:

Mode	Channel	Frequency(MHz)
	128	824.2
GSM 850	190	836.6
	251	848.8
	512	1850.2
PCS 1900	661	1880.0
	810	1909.8

2.4. Test Environment Conditions

Temperature range	21-25℃
Humidity range	40-75%
Pressure range	86-106kPa

2.5. Measurement Uncertainty (95% confidence levels, k=2)

Item	MU	Remark
Uncertainty for Power point Conducted Emissions Test	2.42dB	
Uncertainty for Radiation Emission test in 3m chamber	3.54dB	Polarize: V
(30MHz to 1GHz)	4.1dB	Polarize: H
Uncertainty for Radiation Emission test in 3m chamber	2.08dB	Polarize: H
(1GHz to 25GHz)	2.56dB	Polarize: V
Uncertainty for radio frequency	1×10-9	
Uncertainty for conducted RF Power	0.65dB	
Uncertainty for temperature	0.2℃	
Uncertainty for humidity	1%	
Uncertainty for DC and low frequency voltages	0.06%	

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2.6. Test Equipment

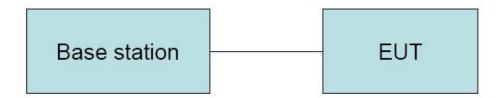
Equipment	Manufacture	Model No.	Serial No.	Last cal.	Cal Interval
3m Semi-Anechoic	ETS-LINDGREN	N/A	SEL0017	Nov. 16, 12	1Year
Spectrum analyzer	Agilent	E4443A	MY46185649	Oct. 31, 12	1Year
Receiver	R&S	ESCI	100492	Oct. 31, 12	1Year
Receiver	R&S	ESCI	101202	Oct. 31, 12	1Year
Bilog Antenna	Sunol	ЈВ3	A121206	Mar.16, 13	1Year
Horn Antenna	EMCO	3115	640201028-06	Mar.16, 13	1Year
Power Meter	Anritsu	ML2487A	6K00001491	Oct. 31, 12	1Year
ETS Horn Antenna	ETS	3160	SEL0076	Oct. 31, 12	1Year
Active Loop Antenna	Beijing Daze	ZN30900A	SEL0097	Mar.16, 13	1Year
Cable	Resenberger	N/A	No.1	Oct. 31, 12	1Year
Cable	SCHWARZBEC K	N/A	No.2	Oct. 31, 12	1Year
Cable	SCHWARZBEC K	N/A	No.3	Oct. 31, 12	1Year
Pre-amplifier	R&S	AFS42-00101 800-25-S-42	SEL0081	Oct. 31, 12	1Year
Pre-amplifier	R&S	AFS33-18002 650-30-8P-44	SEL0080	Oct. 31, 12	1Year
Base station	Agilent	E5515C	GB44300243	Oct. 31, 12	1 Year
Temperature controller	Terchy	MHQ	120	Oct. 31, 12	1Year
Power divider	Anritsu	K240C	020346	Oct. 31, 12	1 Year
Signal Generator	НР	83732B	VS3449051	Oct. 31, 12	1 Year
Attenuator	Agilent	8491B	MY39262165	Oct. 31, 12	1 Year

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3. Conducted Output power

3.1. Block Diagram of Test Setup



3.2. Limit

Cellular Telephone 850MHz	PCS 1900MHz
38.5dBm(ERP)	33dBm(EIRP)

3.3. Test Procedure

- (1) The EUT's RF output port was connected to base station.
- (2) A call is set up by the SS according to the generic call set up procedure
- (3) Set EUT at maximum power level through base station by power level command
- (4) Measure the maximum output power of EUT at each frequency band and mode by base station.

3.4. Test Result

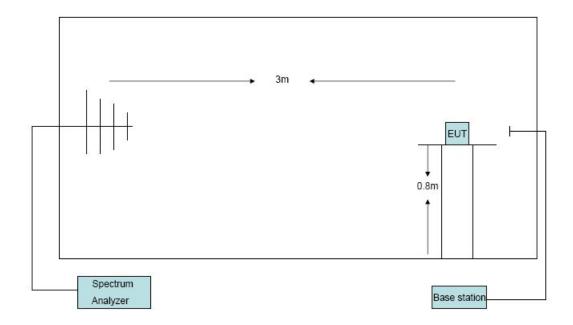
EUT: 2G Mob	ile Phone	M/N:M.T.T. Protection 2G Power: DC 5V from adapter						
Ambient Temperature:24°C		Relative Humidity: 62%						
Test date: 2013	3-09-30	Test site: RF sit	Test site: RF site Tested by: Simple Guan					
Conclusion: P.	ASS							
Mode	Channel	PK Output	ERP	EIRP	Li	mit		
		Power(dBm)	(dBm)	(dBm)	ERP(dBm)	EIRP(dBm)		
	128	32.28	31.13	/	38.5	/		
GSM 850	190	32.34	31.19	/	38.5	/		
	251	32.53	31.38	/	38.5	/		
	512	30.09	/	31.09	/	33		
PCS 1900	661	29.95	/	30.95	/	33		
	810	30.02	/	31.02	/	33		
Note: EIRP=Pk output power +Antenna Gain(1dBi);								
ERP=PI	ERP=PK output power + Antenna Gain(1dBi) -2.15							

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4. Radiated Output power

4.1. Block Diagram of Test Setup



4.2. Limit

Cellular Telephone 850MHz	PCS 1900MHz
38.5dBm(ERP)	33dBm(EIRP)

4.3. Test Procedure

- The EUT was placed on an non-conductive rotating platform with 0.8 meter height in an
 anechoic chamber. The radiated emission at the fundamental frequency was measured at
 3 m with a test antenna and a spectrum analyzer with RBW= 3MHz,VBW= 3MHz and
 peak detector settings.
- 2. During the measurement, the EUT was enforced in maximum power and linked with a base station. The highest emission was recorded from analyzer power level (LVL) from the 360 degrees rotation of the turntable and the test antenna raised and lowered over a range from 1 to 4 meters in both horizontally and vertically polarized orientations
- 3. Effective Isotropic Radiated Power (EIRP) was measured by substitution method according to TIA/EIA-603-C. The EUT was replaced by dipole antenna (for frequency lelow 1GHz) or Horn antenna(for frequency above 1GHz) at same location with same polarize of reveiver antenna and then a known power of each measure frequency from

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S.G. was applied into the dipole antenna or Horn antenna through a Tx cable, and then recorded the maximum Analyzer reading through raised and lowered the test antenna. The correction factor (in dB) = S.G. - Tx Cable loss + Substitution antenna gain –Substitution antenna Loss(only for Dipole antenna) - Analyzer reading. Then the EUT's EIRP was calculated with the correction factor, EIRP= LVL + Correction factor and ERP = EIRP – 2.15

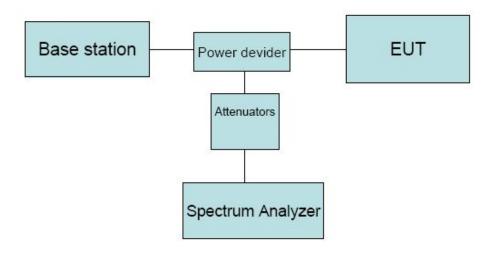
4.4. Test Result

EUT: 2G Mobile Ph	hone M/N:M	I.T.T. Protect	ion 2G			
Power: DC 5V from	n adapter					
Ambient Temperature:23°C Relative Humidity: 60%						
Test date: 2013-09-	30		Test site: RF site	Tested by: Simple Guan		
Conclusion: PASS			•			
Mode	Channel	LVL	Correction	ERP	EIRP	
		(dBm)	factor(dB)	(dBm)	(dBm)	
	128	2.21	30.42	30.48	/	
GSM 850	190	2.08	30.21	30.14	/	
	251	2.13	30.05	30.03	/	
	512	-18.54	46.80	/	28.26	
PCS 1900	661	-18.25	46.45	/	28.20	
	810	-18.84	46.58	/	27.74	
ERP=LVL + Correction factor -2.15						
EIRP=LVL+ Correction factor						

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5. Occupied Bandwidth

5.1. B lock Diagram of Test Setup



5.2. Limit

N/A

5.3. Test Procedure

- 1. The EUT' RF output port was connected to Spectrum Analyzer and Base Station via power divider.
- 2. Spectrum analyzer's occupied bandwidth measure function was used to measure 99% bandwidth and -26dBc bandwidth

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5.4. Test Result

EUT: 2G Mobile Phone M/N:M.T.T. Protection 2G									
Power: DC 5V from adapter									
Ambient Temperature:23°C Relative Humidity: 60%									
Test date: 2013-09-30 Test site: RF site Tested by: Simple Guar									
Mode	Channel	99% bandwidth -26dBc band							
		(KHz)	(KHz)						
	128	244.84	305.639						
GSM 850	190	246.31	317.54						
	251	245.03	311.36						
	512	246.65	309.01						
PCS 1900	661	246.00	315.44						
	810	247.68	311.02						

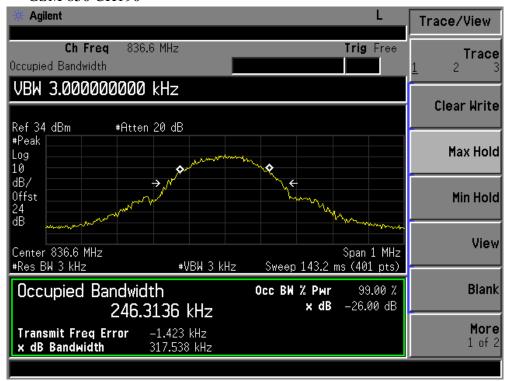
5.5. Orginal test data

GSM 850 CH128



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GSM 850 CH190

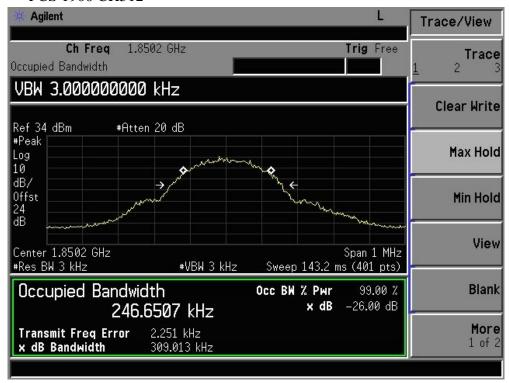


GSM 850 CH251



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PCS 1900 CH512

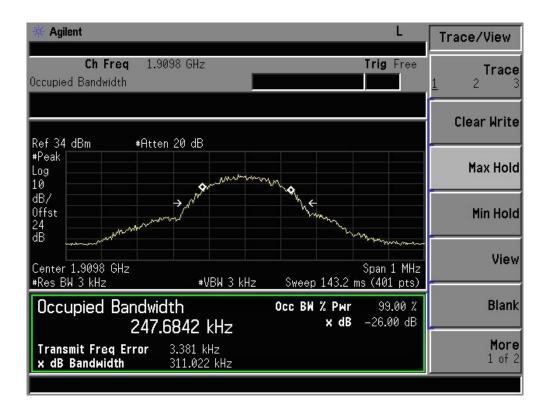


PCS 1900 CH661



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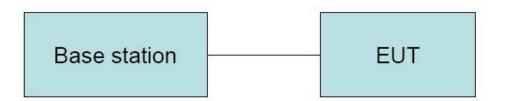
PCS 1900 CH810



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6. Frequency stability

6.1. Block Diagram of Test Setup



6.2. Limit

Cellular Telephone 850MHz	PCS 1900MHz
± 2.5 ppm	Must stay within the authorized frequency block

6.3. Test Procedure

Test Procedures for Temperature Variation:

- 1. The EUT was set up in the thermal chamber and connected with the base station.
- 2. With power OFF, the temperature was decreased to -10°C and the EUT was stabilized for three hours. Power was applied and the maximum change in frequency was recorded within one minute.
- 3. With power OFF, the temperature was raised in 10°C step up to 45°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.
- 4. If the EUT can not be turned on at -10°C, the testing lowest temperature will be raised in 10°C step until the EUT can be turned on.

Test Procedures for Voltage Variation

- 1. The EUT was placed in a temperature chamber at 25±5° C and connected with the base station.
- 2. The power supply voltage to the EUT was varied from DC 5V to 3.5V
- 3. The variation in frequency was measured for the worst case.

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6.4. Test Result

EUT: 2G Mobile Phone	e M/N:M.T.T.	Protection 2G					
Power: DC 5V from ad	apter						
Ambient Temperature:23°C Relative Humidity: 60%							
Test date: 2013-09-30		Test site: RF site	Tested by: Simple Guan				
Conclusion: PASS							
Mode	Voltage	Frequency error	frequency error				
	(V)	(Hz)	(ppm)				
	5V	-15.21	-0.018				
CCM 050	4.5V	-15.37	-0.018				
GSM 850 CH 190	4V	-19.84	-0.024				
CH 190	3.5V	-24.15	-0.029				
	3V	-13.68	-0.016				
	5V	-35.78	-0.019				
DCS 1000	4.5V	-34.82	-0.019				
PCS 1900 CH661	4V	-33.73	-0.018				
	3.5V	-29.58	-0.016				
	3V	-34.26	-0.018				

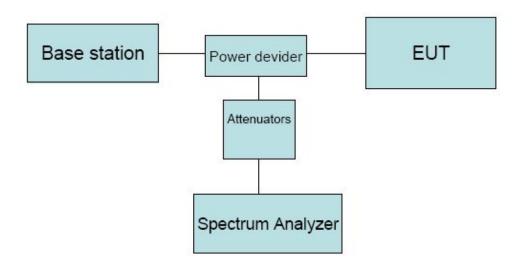
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Mode	Temperature	Frequency error	frequency error
	(℃)	(Hz)	(ppm)
	-10	19.74	0.024
	0	-20.67	-0.025
GSM 850	10	-17.58	-0.021
CH190	20	-15.62	-0.019
СП190	30	-22.61	-0.027
	40	-18.34	-0.022
	50	-22.83	-0.027
	-10	65.68	0.035
	0	67.89	0.036
PCS 1900	10	72.15	0.038
CH661	20	74.00	0.039
C11001	30	71.58	0.038
	40	-53.68	-0.029
	50	-43.28	-0.023

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7. Conducted spurious emissions

7.1. Block Diagram of Test Setup



7.2. Limit

The mean power of emissions must be attenuated below the mean power of the unmodulated carrier (P) on any frequency outside the frequency band by at least $(43 + 10 \log P) dB$, in this case, -13dBm.

7.3. Test Procedure

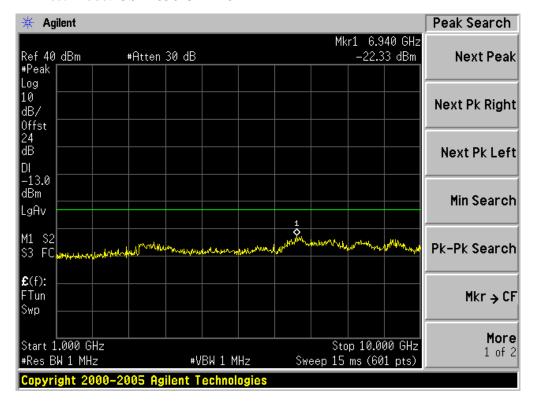
- 1. The EUT was connected to spectrum analyzer and base station via power divider.
- 2. The low, middle and high channels of each band and mode's spurious emissions for 30MHz to 10th Harmonic were measured by Spectrum analyzer.

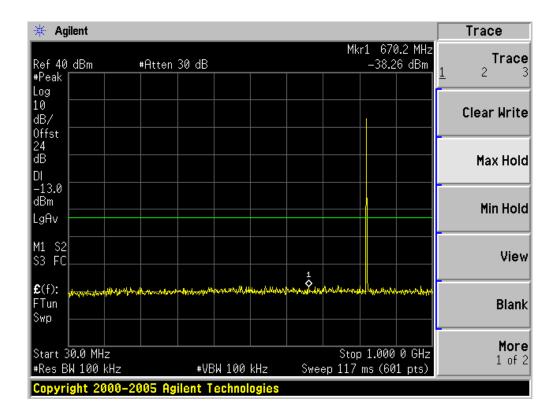
7.4. Test Result

PASS

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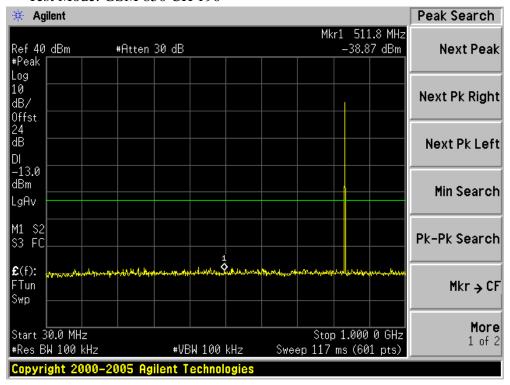
Test Mode: GSM 850 CH 128

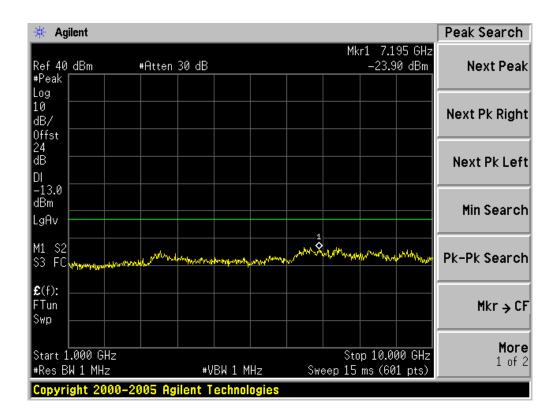




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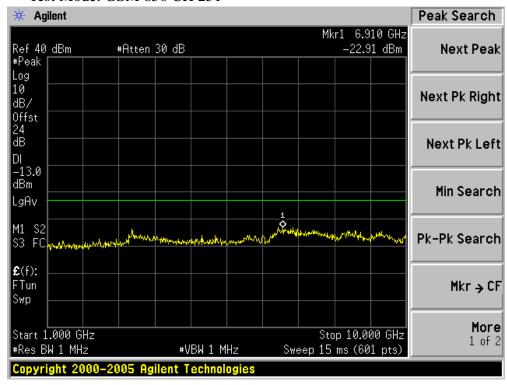
Test Mode: GSM 850 CH 190

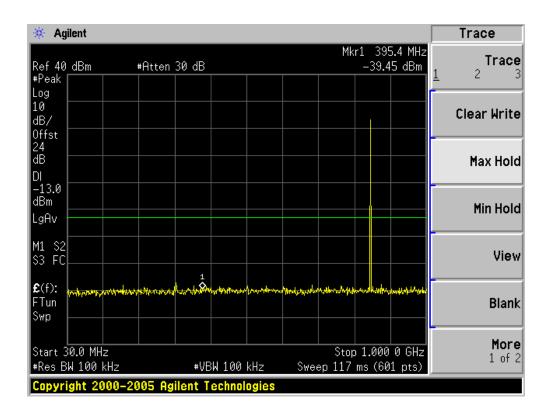




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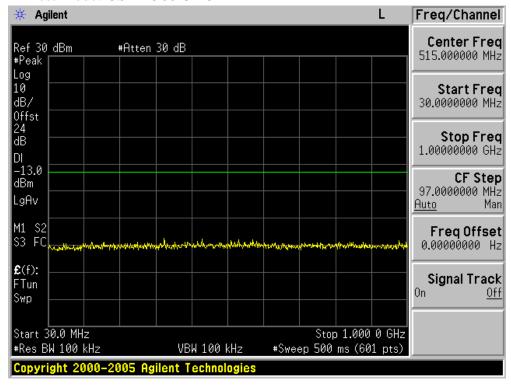
Test Mode: GSM 850 CH 251

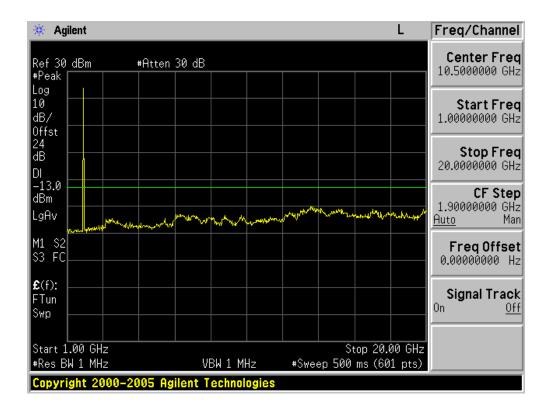




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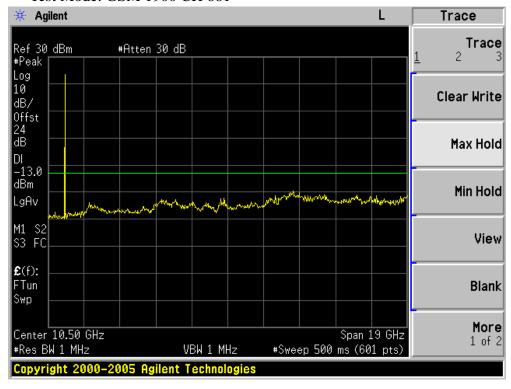
Test Mode: GSM 1900 CH 512

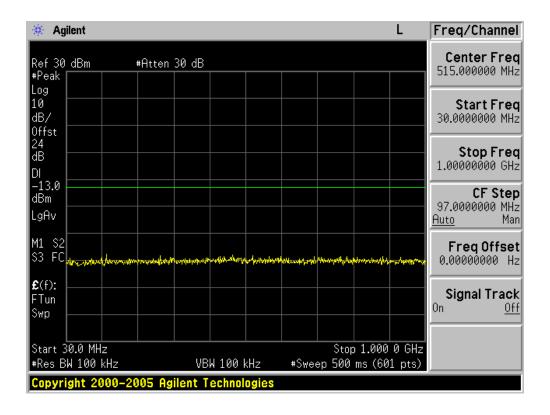




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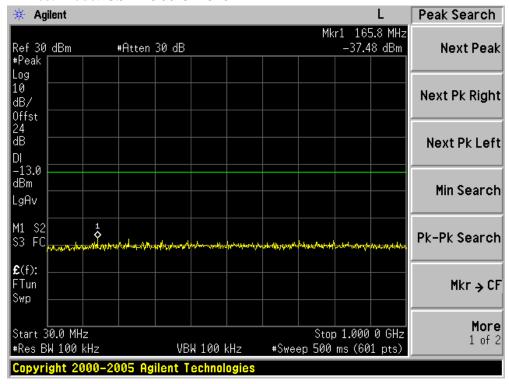
Test Mode: GSM 1900 CH 661

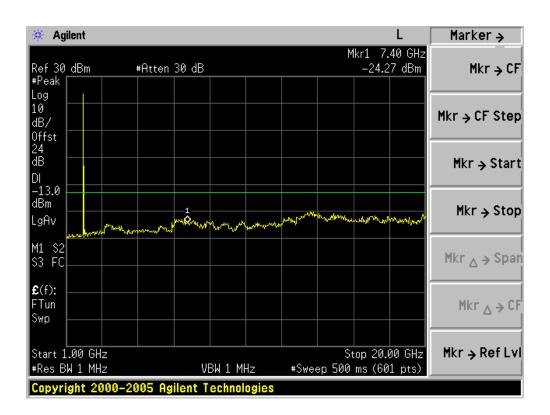




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Test Mode: GSM 1900 CH 810

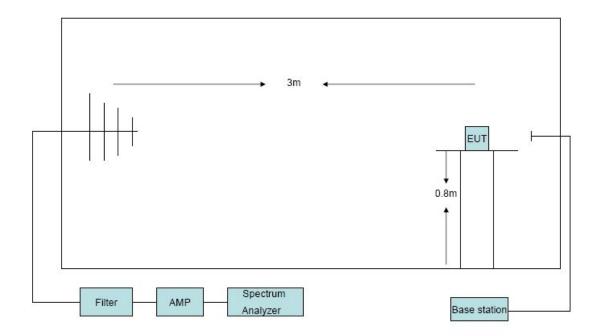




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8. Radiated Spurious emissions

8.1. Block Diagram of Test Setup



8.2. Limit

The mean power of emissions must be attenuated below the mean power of the unmodulated carrier (P) on any frequency outside the frequency band by at least $(43 + 10 \log P) dB$, in this case, -13dBm.

8.3. Test Procedure

- The EUT was placed on an non-conductive rotating platform with 0.8 meter height in an anechoic chamber. The radiated spurious emissions from 30MHz to 10th harmonious of fundamental frequency were measured at 3m with a test antenna and a spectrum analyzer with RBW= 1MHz, VBW= 1MHz, peak detector settings.
- 2. During the measurement, the EUT was enforced in maximum power and linked with a base station. All the spurious emissions (record as LVL) at 3m were measured by rotation of the turntable and the test antenna raised and lowered over a range from 1 to 4 meters in both horizontally and vertically polarized orientations.
- 3. Final spurious emissions levels were measured by substitution method according to TIA/EIA-603-C. The EUT was replaced by dipole antenna (for frequency below 1GHz) or Horn antenna (for frequency above 1GHz) at same location with same polarize of receiver antenna and then a known power of each measure frequency from S.G. was applied into the dipole antenna or Horn antenna through a Tx cable, and then recorded the maximum Analyzer reading through raised and lowered the test antenna. The correction

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 $factor\ (in\ dB) = S.G.\ -\ Tx\ Cable\ loss +\ Substitution\ antenna\ gain\ -Substitution\ antenna\ Loss(only\ for\ Dipole\ antenna)\ -\ Analyzer\ reading.\ Then\ final$

spurious emissions were calculated with the correction factor, EIRP= LVL + Correction factor and ERP = EIRP -2.15

8.4. Test Result

EUT:2G Mobi	le Phone M/N	:M.T.T. Prote	ection 2G					
Power: DC 5V	from adapter							
Test Date: 201	3-09-30	Test site: RF	Chamber	Tested by: Si	Tested by: Simple Guan			
Ambient Temp	erature: 24°C	Relative Hur	midity: 60%					
Conclusion: PASS								
			Test result					
Test Mode: G	I							
Frequency	Antenna	LVL	Correction	Result	Limit	Margin		
(MHz)	polarization	(dBm)	factor(dB)	(ERP)(dBm)	(dBm)	(dB)		
1648.4	Н	-60.85	11.50	-51.50	-13.00	38.50		
1648.4	V	-56.43	10.56	-48.02	-13.00	35.02		
Test Mode: GSM 850 CH190								
1673.2	Н	-61.57	10.94	-52.78	-13.00	39.78		
2509.8	Н	/	/	/	-13.00	/		
1673.2	V	-55.53	10.90	-46.78	-13.00	33.78		
2509.8	V	/	/	/	-13.00	/		
Test mode: GS	M 850 CH25	51						
1697.6	Н	-59.84	11.67	-50.32	-13.00	37.32		
2546.4	Н	/	/	/	-13.00	/		
1697.6	V	-56.49	11.13	-47.51	-13.00	34.51		
2546.4	V	/	/	/	-13.00	/		

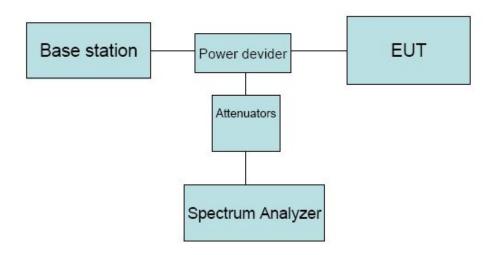
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Frequency	Antenna	LVL	Correction	Result	Limit	Margin
(MHz)	polarization	(dBm)	factor(dB)	(EIRP)(dBm)	(dBm)	(dB)
3700.4	Н	-54.32	8.57	-45.75	-13.00	32.75
5550.6	Н	/	/	/	-13.00	/
3700.4	V	-50.34	8.37	-41.97	-13.00	28.97
5550.6	V	/	/	/	-13.00	/
Test Mode:	GSM 1900 C	H661				
3760	Н	-54.23	8.75	-45.48	-13.00	32.48
5640	Н	/	/	/	-13.00	/
3760	V	-53.22	8.55	-44.67	-13.00	31.67
5640	V	/	/	/	-13.00	/
Fest mode: G	SM 1900 CH8	10				
3819.6	Н	-57.34	8.94	-48.40	-13.00	35.40
5729.4	Н	/	/	/	-13.00	/
3819.6	V	-55.40	8.72	-46.68	-13.00	33.68
5729.4	V	/	/	/	-13.00	/

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9. Block Edge Compliance

9.1. Block Diagram of Test Setup



9.2. Limit

The mean power of emissions must be attenuated below the mean power of the unmodulated carrier (P) on any frequency outside the frequency band by at least $(43 + 10 \log P) dB$, in this case, -13dBm.

9.3. Test Procedure

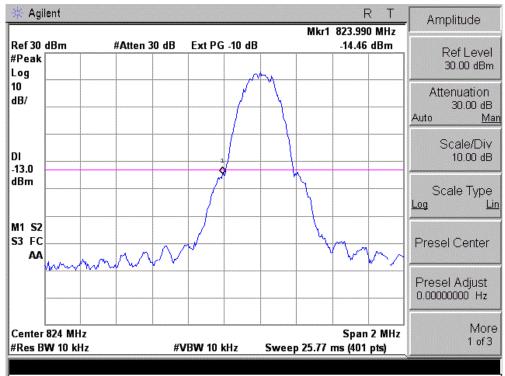
- 1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
- 2. The band edges of low and high channels for the highest RF powers were measured.

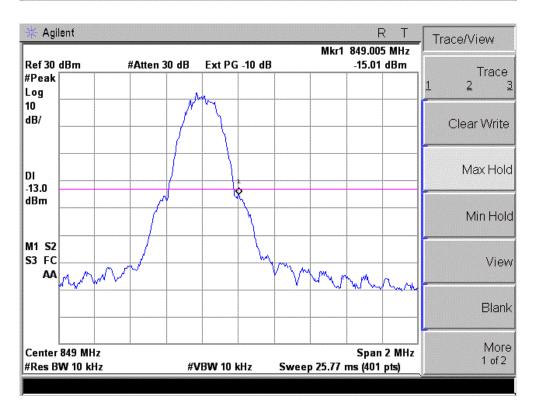
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9.4. Test Result

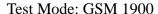
PASS

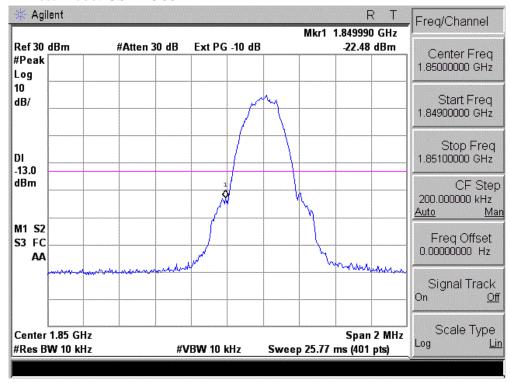
Test Mode: GSM 850

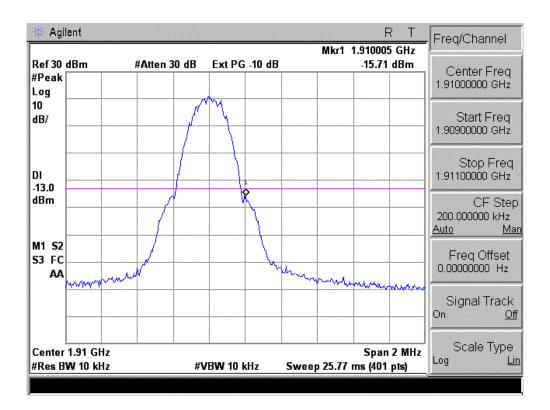




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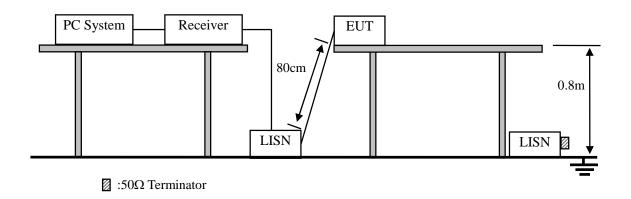




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10. Power line conducted emission

10.1.Block Diagram of Test Setup



10.2.Limit

	Maximum RF Line Voltage					
Frequency	Quasi-Peak Level	Average Level				
	$dB(\mu V)$	$dB(\mu V)$				
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*				
500kHz ~ 5MHz	56	46				
5MHz ~ 30MHz	60	50				

Notes: 1. * Decreasing linearly with logarithm of frequency.

10.3.Test Procedure

- (1) The EUT was placed on a non-metallic table, 80cm above the ground plane.
- (2) Setup the EUT and simulator as shown in 10.1
- (3) The EUT Power connected to the power mains through a power adapter and a line impedance stabilization network (L.I.S.N1). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N1), this provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). Both sides of power line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.4 2009 and ANSI C64.10:2009 on conducted Emission test.
- (4) The bandwidth of test receiver is set at 10KHz.
- (5) The frequency range from 150 KHz to 30MHz is checked.

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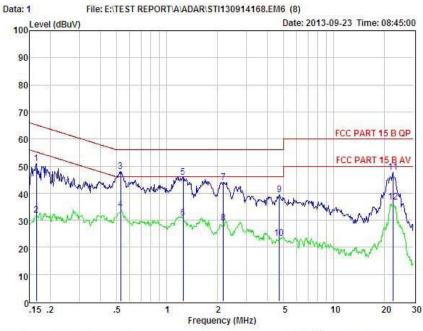
^{2.} The lower limit shall apply at the transition frequencies.

10.4.Test Result

PASS. (See below detailed test data)



Shenzhen Certification Technology Service Co., Ltd. 2F, Building B, East Area of Nanchang Second Industrial Zone, Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China Tel: 4006786199 Fax: +86-755-26736857 Website: http://www.cessz.com/Email:Service@cessz.com/



Condition : FCC PART 15 B QP EUT : 2G Mobile Phone POL: NEUTRAL Temp:24 °C Hum:56 %

Model No

: M.T.T. Protection 2G Test Mode : Charging

Power : DC 5V From Adapter AC 120V/50Hz

Test Engineer: Simple

Remark

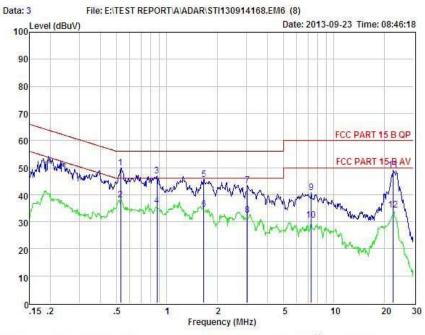
		Factor	Factor	Lose		Limit		Remark
MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
		00000000		200000000000000000000000000000000000000				
165	41.02	0.03	-9.72	0.10	50.87	65.21	-14.34	QP
165	22.02	0.03	-9.72	0.10	31.87	55.21	-23.34	Average
529	38.09	0.03	-9.72	0.10	47.94	56.00	-8.06	QP
529	24.09	0.03	-9.72	0.10	33.94	46.00	-12.06	Average
249	36.05	0.04	-9.71	0.10	45.90	56.00	-10.10	QP
249	21.05	0.04	-9.71	0.10	30.90	46.00	-15.10	Average
178	34.11	0.06	-9.70	0.10	43.97	56.00	-12.03	QP
178	19.11	0.06	-9.70	0.10	28.97	46.00	-17.03	Average
721	29.49	0.10	-9.68	0.12	39.39	56.00	-16.61	QP
721	13,49	0.10	-9,68	0.12	23.39	46.00	-22.61	Average
655	37.23	0.41	-9.54	0.42	47.60	60.00	-12.40	QP
655	26.23	0.41	-9.54	0.42	36.60	50.00	-13.40	Average
	165 165 529 529 249 249 178 178 721 721 655	165 41.02 165 22.02 529 38.09 529 24.09 249 36.05 249 21.05 178 34.11 178 19.11 721 29.49 721 13.49 655 37.23	MHz dBuV dB 165 41.02 0.03 165 22.02 0.03 529 38.09 0.03 529 24.09 0.03 249 36.05 0.04 249 21.05 0.04 178 34.11 0.06 178 19.11 0.06 721 29.49 0.10 655 37.23 0.41	MHz dBuV dB dB 165 41.02 0.03 -9.72 165 22.02 0.03 -9.72 529 38.09 0.03 -9.72 529 24.09 0.03 -9.72 249 36.05 0.04 -9.71 249 21.05 0.04 -9.71 178 34.11 0.06 -9.70 178 19.11 0.06 -9.70 721 29.49 0.10 -9.68 721 13.49 0.10 -9.68 655 37.23 0.41 -9.54	MHz dBuV dB dB dB dB 165 41.02 0.03 -9.72 0.10 165 22.02 0.03 -9.72 0.10 529 38.09 0.03 -9.72 0.10 529 24.09 0.03 -9.72 0.10 249 36.05 0.04 -9.71 0.10 249 21.05 0.04 -9.71 0.10 178 34.11 0.06 -9.70 0.10 178 19.11 0.06 -9.70 0.10 721 29.49 0.10 -9.68 0.12 721 13.49 0.10 -9.68 0.12 655 37.23 0.41 -9.54 0.42	MHz dBuV dB dB dB dB dBuV 165 41.02 0.03 -9.72 0.10 50.87 165 22.02 0.03 -9.72 0.10 31.87 529 38.09 0.03 -9.72 0.10 47.94 529 24.09 0.03 -9.72 0.10 33.94 249 36.05 0.04 -9.71 0.10 45.90 249 21.05 0.04 -9.71 0.10 30.90 178 34.11 0.06 -9.70 0.10 43.97 178 19.11 0.06 -9.70 0.10 28.97 721 29.49 0.10 -9.68 0.12 39.39 721 13.49 0.10 -9.68 0.12 23.39 655 37.23 0.41 -9.54 0.42 47.60	MHz dBuV dB dB dB dBuV dBuV 165 41.02 0.03 -9.72 0.10 50.87 65.21 165 22.02 0.03 -9.72 0.10 31.87 55.21 529 38.09 0.03 -9.72 0.10 47.94 56.00 529 24.09 0.03 -9.72 0.10 33.94 46.00 249 36.05 0.04 -9.71 0.10 45.90 56.00 249 21.05 0.04 -9.71 0.10 30.90 46.00 178 34.11 0.06 -9.70 0.10 43.97 56.00 178 19.11 0.06 -9.70 0.10 28.97 46.00 721 29.49 0.10 -9.68 0.12 39.39 56.00 721 13.49 0.10 -9.68 0.12 39.39 46.00 655 37.23 0.41 -9.54 0.42 47.60 60.00	MHz dBuV dB dB dB dB dBuV dBuV dBuV dBuV dB

Remarks: Level = Read + LISN Factor - Preamp Factor + Cable loss

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Shenzhen Certification Technology Service Co., Ltd. 2F, Building B, East Area of Nanchang Second Industrial Zone, Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China Tel: 4006786199 Fax: +86-755-26736857 Website: http://www.cessz.com Email:Service@cessz.com



Temp:24 °C Hum:56 % Condition POL: LINE

: FCC PART 15 B QP : 2G Mobile Phone : M.T.T. Protection 2G EUT Model No

Test Mode : Charging
Power : DC 5V From Adapter AC 120V/50Hz
Test Engineer: Simple

Remark

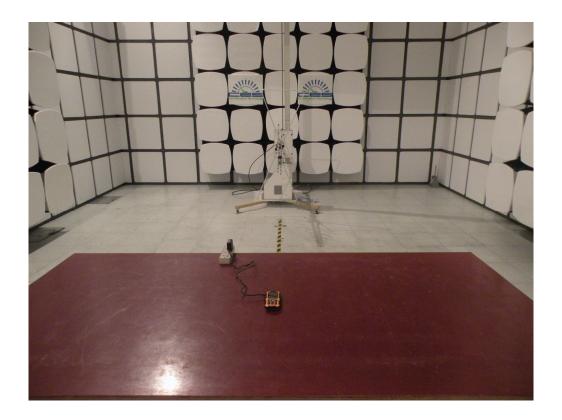
Ite	m Freq	Read	LISN Factor	Preamp Factor	Cable Lose	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	0.529	40.12	0.03	-9.72	0.10	49.97	56.00	-6.03	QP
2	0.529	28.12	0.03	-9.72	0.10	37,97	46.00	-8.03	Average
3	0.871	36.95	0.04	-9.71	0.10	46.80	56.00	-9.20	QP
4	0.871	25.95	0.04	-9.71	0.10	35.80	46.00	-10.20	Average
5	1.662	35.81	0.05	-9.71	0.10	45.67	56.00	-10.33	QP
6	1.662	24.81	0.05	-9.71	0.10	34.67	46.00	-11.33	Average
7	3.041	33.48	0.07	-9.69	0.12	43.36	56.00	-12.64	QP
8	3.041	22.48	0.07	-9.69	0.12	32.36	46.00	-13.64	Average
9	7.329	30.90	0.13	-9.52	0.15	40.70	60.00	-19.30	QP
10	7.329	20.90	0.13	-9.52	0.15	30.70	50.00	-19.30	Average
11	22.775	38.80	0.41	-9.55	0.42	49.18	60.00	-10.82	QP
12	22.775	23.80	0.41	-9.55	0.42	34.18	50.00	-15.82	Average

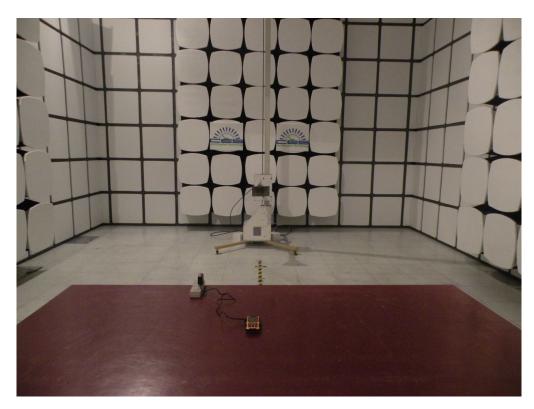
Remarks: Level = Read + LISN Factor - Preamp Factor + Cable loss

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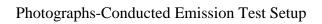
11. Test setup photo

Photographs-Radiated Emission Test Setup in Chamber





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12. Photos of EUT





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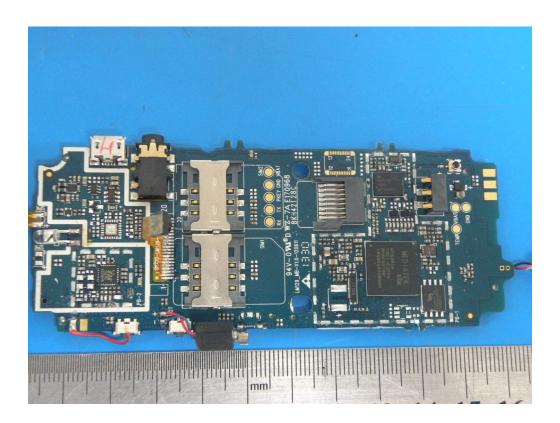
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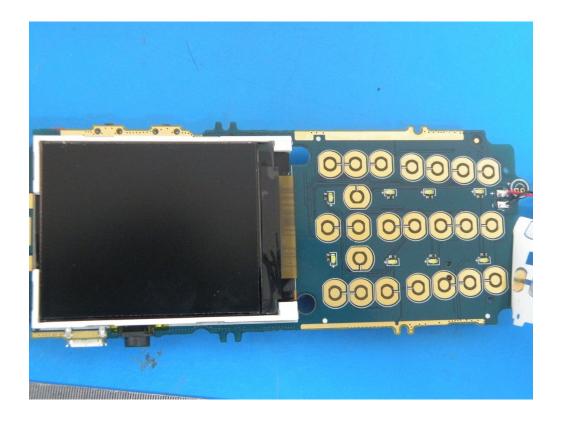


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-----END OF THE REPORT-----

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