



# **EMC TEST REPORT**

Applicant:	Corporativo Lanix S.A. de C.V.
Address:	Carretera Internacional Hermosillo-Nogales Km 8.5, Hermosillo Sonora, Mexico

Manufacturer or Supplier	Tinno Mobile Technology Corp.
Address	4/F., H-3 Building, OCT Eastern Industrial Park. NO.1 XiangShan East Road., Nan Shan District, Shenzhen, P.R.China.
Product	smartphone
Brand Name	LANIX
Model Name	Ilium X210
FCC ID	ZC4X210
Date of tests	Fed. 19, 2016 ~ Mar. 02, 2016

The submitted sample of the above equipment has been tested for according to the requirements of the following standards:

**ANSI C63.4:2009** 

# CONCLUSION: The submitted sample was found to **COMPLY** with the test requirement

Tested by Amyee Qian	Approved by William Chung
Engineer / Mobile Department	Manager / Mobile Department

Date: Mar. 03, 2016

Zatalli-

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Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch

No. 34, Chenwulu Section, Guantai Rd., Houjie Town, Dongguan City, Guangdong 523942, China Tel.: +86 769 8593 5656 Fax: +86 769 8593 1080



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# **RELEASE CONTROL RECORD**

ISSUE NO. REASON FOR CHANGE		DATE ISSUED
FV160218W003	Original release	Mar. 03, 2016

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# 1 GENERAL INFORMATION

# 1.1 GENERAL DESCRIPTION OF EUT

PRODUCT	smartphone		
MODEL NAME	Ilium X210		
NOMINAL VOLTAGE	5.0Vdc (adapter or host equipment) 3.8Vdc (Li-ion, battery)		
BATTERY	Brand Name: LANIX Model Name: Ilium X210-BAT Power Rating: DC 3.7V, 1200mAh, Li-ion		
	WLAN	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM	
MODULATION TYPE	Bluetooth	GFSK, π/4-DQPSK, 8DPSK	
	GSM/EDGE	GMSK, 8PSK	
	WCDMA	BPSK/QPSK	
	WLAN	2412 ~ 2462MHz for 11b/g/n(HT20) 2422 ~ 2452MHz for 11n(HT40)	
ODEDATING	Bluetooth	2402MHz ~ 2480MHz	
OPERATING FREQUENCY	GSM/EDGE	824.2MHz ~ 848.8MHz (FOR GSM 850) 1850.2MHz ~ 1909.8MHz (FOR PCS 1900)	
	WCDMA	1852.4MHz ~ 1907.6MHz (FOR WCDMA 850) 826.4MHz ~ 846.6MHz (FOR WCDMA 1900)	
HW Version	V1.0		
SW Version	Ilium X210_TELCEL_SW_01		
I/O PORTS	Refer to user's manual		
CABLE	USB cable: Unshielded, detachable, 1.0m Earphone cable: Unshielded, detachable, 1.0m		
ACCESSORY DEVICES	Refer to note as below		

#### NOTE:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2. The EUT was powered by the following adapter:

ADAPTER		
BRAND:	LANIX	
MODEL:	Ilium X210-C	
INPUT:	AC 100-240V,150mA	
OUTPUT:	DC 5V, 550mA	

3. The EUT matched the following USB cable and Earphone:

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USB CABLE		
BRAND:	N/A	
MODEL:	N/A	
SIGNAL LINE:	1.0 METER	

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EARPHONE		
BRAND:	LANIX	
MODEL:	N/A	
SIGNAL LINE:	1.0 METER	

For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.

# 1.2 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 15, Subpart B			
Standard Section	Test Item	Result	Remark
FCC Part 15, Subpart B, Class B ANSI C63.4:2009	Conducted Test  Radiated Emission Test (30MHz ~ 1GHz)	PASS	Meets limits minimum passing margin is -9.05dB at 0.492000MHz.  Meets Class B Limit Minimum passing margin is -2.28dB at 85.30MHz
	Radiated Emission Test (Above 1GHz)	PASS	Meets Class B Limit Minimum passing margin is -6.11dB at 5930MHz

# 1.3 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

MEASUREMENT	FREQUENCY	UNCERTAINTY
Conducted emissions	150kHz ~ 30MHz	+/-2.66dB
De diete de ausie sie aus	30MHz ~ 1GHz	+/-4.06dB
Radiated emissions	1GHz ~ 18GHz	+/-4.58dB

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# 1.4 DESCRIPTION OF TEST MODES

Test Mode	Test Condition		
	Radiated emission test		
1	GSM850 Idle + Adapter + USB cable + Battery+ Earphone + BT Idle + Wifi Idle(2.4G) + Mpeg4		
2	WCDMA B5 Idle + Adapter + USB cable + Battery+ Earphone + BT Idle + Wifi Idle(2.4G) + Camera		
3	WCDMA B2 Idle + Adapter + USB cable + Battery+ Earphone + BT Idle + Wifi Idle(2.4G) + Mpeg4		
4	PCS1900 Idle + USB Link + USB cable + Battery+ Earphone + BT Idle + Wifi Idle(2.4G) + Camera		
	Conducted emission test		
1	GSM850 Idle + Adapter + USB cable + Battery+ Earphone + BT Idle + Wifi Idle(2.4G) + Mpeg4		
2	WCDMA B5 Idle + Adapter + USB cable + Battery+ Earphone + BT Idle + Wifi Idle(2.4G) + Camera		
3	WCDMA B2 Idle + Adapter + USB cable + Battery+ Earphone + BT Idle + Wifi Idle(2.4G) + Mpeg4		
4	PCS1900 Idle + USB Link + USB cable + Battery+ Earphone + BT Idle + Wifi Idle(2.4G) + Camera		

#### NOTE:

- 1. For conducted emission test, test mode 2 was the worst case and only this mode was presented in this report.
- 2. For radiated emission test, test mode 4 was the worst case and only this mode was presented in this report.



# 1.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

#### **FOR EMISSION TESTS**

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	Universal Radio Communication Tester	R&S	CMU200	123259	N/A
2	Wireless AP	ABOCOM	WR224GR	060500749P	D43064
3	Bluetooth Earphone	FAP00	H6080	12098	N/A
4	Notebook	DELL	E6420	9H12FS1	N/A
5	Mouse	DELL	M056UOA	01688082	N/A
6	Printer	HP	hp LaserJet 1300	CNSJF75989	N/A

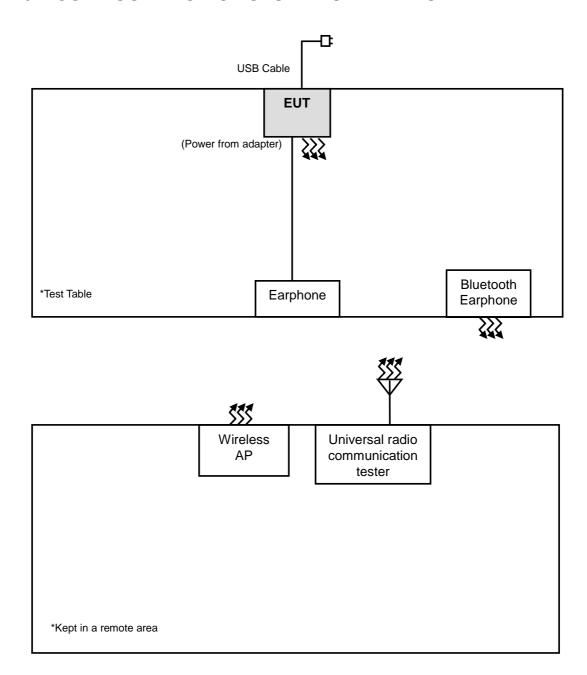
NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	N/A
2	N/A
3	N/A
4	DC Line: Unshielded, Undetachable, 2.0m
5	USB Line: Unshielded, Undetachable 1.8m;
6	USB Line: Shielded, Detachable 1.5m;

#### NOTE:

- 1. All power cords of the above support units are non shielded (1.8m).
- 2. Items 3-4 acted as communication partners.



# 1.6 CONFIGURATION OF SYSTEM UNDER TEST



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# **2 EMISSION TEST**

# 2.1 CONDUCTED EMISSION MEASUREMENT

# 2.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

TEST STANDARD: FCC Part 15, Subpart B (Section: 15.107)

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dBμV)		
	Quasi-peak	Average	
0.15 ~ 0.5	66 to 56	56 to 46	
0.5 ~ 5	56	46	
5 ~ 30	60	50	

**NOTE**: 1. The lower limit shall apply at the transition frequencies.

- 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.
- 3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

# 2.1.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESCS30	100340	May 11,15	May 10,16
Artificial Mains Network	Rohde&Schwarz	ENV216	101173	May 11,15	May 10,16
Artificial Mains Network	Rohde&Schwarz	ESH3-Z5	100317	May 11,15	May 10,16
Test software	ADT	ADT_Cond_V7.3.7	N/A	N/A	N/A

**NOTE:** 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

2. The test was performed in Dongguan Shielded Room 553.



# 2.1.3 TEST PROCEDURES

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150 kHz to 30MHz was searched. Emission levels under (Limit 20dB) were not recorded.

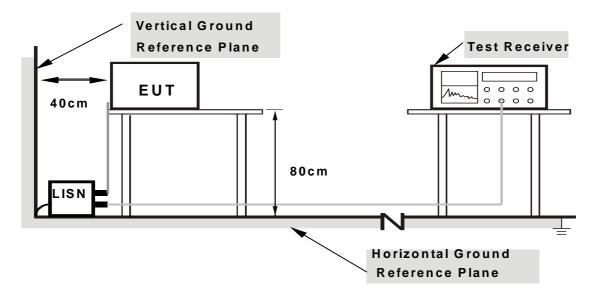
NOTE: All modes of operation were investigated and the worst-case emissions are reported.

#### 2.1.4 DEVIATION FROM TEST STANDARD

No deviation.



# 2.1.5 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

For the actual test configuration, please refer to the attached file (Test Setup Photo).

# 2.1.6 EUT OPERATING CONDITIONS

- a. Turned on the power and connected of all equipment.
- b. EUT was operated according to the use type described in the manufacturer's specifications or the user's manual.



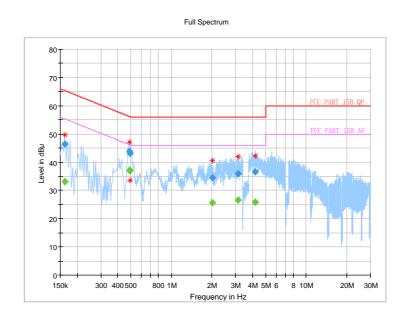
# 2.1.7 TEST RESULTS

TEST VOLTAGE	DC 5V From Adapter Input 230 Vac, 50 Hz	6dB BANDWIDTH	9 kHz
ENVIRONMENTAL CONDITIONS	24deg. C, 55RH	TESTED BY	Aizhong Tang

Frequency (MHz)	QuasiPeak (dB¦ÌV)	CAverage (dB¦ÌV)	Limit (dB¦ÌV)	Margin (dB)	Line	Filter	Corr. (dB)
0.162000		33.21	55.36	-22.15	L	ON	9.6
0.162000	46.36		65.36	-19.00	L	ON	9.6
0.488000	43.79		56.20	-12.41	L	ON	9.7
0.488000		37.14	46.20	-9.06	L	ON	9.7
0.492000	43.19		56.13	-12.94	L	ON	9.7
0.492000		37.08	46.13	-9.05	L	ON	9.7
2.008000		25.66	46.00	-20.34	L	ON	9.7
2.008000	34.43		56.00	-21.57	L	ON	9.7
3.124000		26.63	46.00	-19.37	L	ON	9.7
3.124000	35.90		56.00	-20.10	L	ON	9.7
4.208000		25.81	46.00	-20.19	L	ON	9.7
4.208000	36.53		56.00	-19.47	L	ON	9.7

**REMARKS:** 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.

- 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
- 3. The emission levels of other frequencies were very low against the limit.
- 4. Margin value = Emission level Limit value
- 5. Correction factor = Insertion loss + Cable loss
- 6. Emission Level = Correction Factor + Reading Value.



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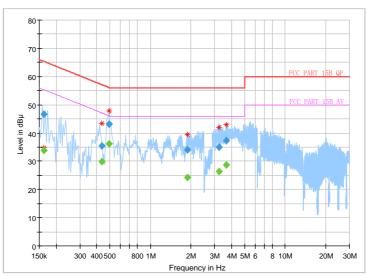
TEST VOLTAGE	DC 5V From Adapter Input 230 Vac, 50 Hz	6dB BANDWIDTH	9 kHz
ENVIRONMENTAL CONDITIONS	24deg. C, 55RH	TESTED BY	Aizhong Tang

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.162000		33.89	55.36	-21.47	N	ON	10.1
0.162000	46.64		65.36	-18.72	N	ON	10.1
0.436000		29.84	47.14	-17.30	N	ON	10.1
0.436000	35.54		57.14	-21.60	N	ON	10.1
0.496000		36.09	46.07	-9.98	N	ON	10.1
0.496000	43.10		56.07	-12.97	N	ON	10.1
1.884000		24.30	46.00	-21.70	N	ON	9.8
1.884000	34.01		56.00	-21.99	N	ON	9.8
3.224000		26.39	46.00	-19.61	N	ON	9.8
3.224000	34.91		56.00	-21.09	N	ON	9.8
3.676000		28.61	46.00	-17.39	N	ON	9.8
3.676000	37.27		56.00	-18.73	N	ON	9.8

**REMARKS:** 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.

- 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
- 3. The emission levels of other frequencies were very low against the limit.
- 4. Margin value = Emission level Limit value
- 5. Correction factor = Insertion loss + Cable loss
- 6. Emission Level = Correction Factor + Reading Value.





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# 2.2RADIATED EMISSION MEASUREMENT

# 2.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

TEST STANDARD: FCC Part 15, Subpart B (Section: 15.109)

Emissions radiated outside of the specified bands, shall be according to the general radiated limits as following:

Radiated Emissions Limits at 10 meters (dBµV/m)							
Frequencies (MHz)	FCC 15B/ ICES-003, Class A	FCC 15B / ICES-003, Class B	CISPR 22, Class A	CISPR 22, Class B			
30-88	39	29.5					
88-216	43.5	33.1	40	30			
216-230	46.4	35.6					
230-960	40.4	33.0	47	37			
960-1000	49.5	43.5	47	37			
1000-3000	Avg: 49.5	Avg: 43.5	Not defined	Not defined			
3000+	Peak: 69.5	Peak: 63.5	Not defined	Not defined			

Radiated Emissions Limits at 3 meters (dBµV/m)							
Frequencies (MHz)	FCC 15B / ICES-003, Class A	FCC 15B / ICES-003, Class B	CISPR 22, Class A	CISPR 22, Class B			
30-88	49.5	40					
88-216	54	43.5	50.5	40.5			
216-230	56.9	46					
230-960	90.9	40	E7	17 E			
960-1000	60	54	57.5	47.5			
1000-3000			Avg: 56	Avg: 50			
	Avg: 60	Avg: 54	Peak: 76	Peak: 70			
3000+	Peak: 80	Peak: 74	Avg: 60 Peak: 80	Avg: 54 Peak: 74			

**NOTE:** 1. The lower limit shall apply at the transition frequencies.

- 2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
- 3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.
- 4. QP detector shall be applied if not specified.

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# 2.2.2 TEST INSTRUMENTS

For frequency below 1G

i of frequency below 10							
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.		
EMI Test Receiver	Rohde&Schwarz	ESR7	101494	Apr. 27,15	Apr. 26,16		
Bilog Antenna	Teseq	CBL 6111D	30643	Jul. 16, 15	Jul. 15, 16		
Amplifier (9kHz-1GHz)	SONOMA	310D	186955	Mar. 04,15	Mar. 03, 16		
3m Semi-anechoic Chamber	ETS-LINDGREN	9m*6m*6m	NSEMC003	Apr. 19,14	Apr. 18,16		
Test software	ADT	ADT_Radiated _V7.6.15.9.2	N/A	N/A	N/A		

Frequency range above 1GHz

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Horn Antenna	ETS-Lindgren	3117	00062558	May 30,14	May 29,16
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170242	Feb. 13,14	Feb. 12,17
Signal and Spectrum Analyzer	Rohde&Schwarz	FSV40	101094	Apr. 23,15	Apr. 22,16
Pre-Amplifier (0.5~18GHz)	SCHWARZBECK	BBV 9718	9718-266	Mar. 26,14	Mar. 25,16
Pre-Amplifier (18GHz-40GHz)				Nov. 19,15	Nov. 18,16
Test Software	ADT	ADT_Radiated_ V7.6.15.9.2	N/A	N/A	N/A

NOTE: 1. The test was performed in 966m Chamber.

- 2. The calibration interval of the above test instruments is 12 months or 24 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
- 3. The FCC Site Registration No. is 494399.



#### 2.2.3 TEST PROCEDURE

The basic test procedure was in accordance with ANSI C63.4:2009 (section 12).

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meters Semi-anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters (below 1GHz) and 3 meters (above 1GHz) away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna 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. The bore sight should be used during the test above 1GHz.
- d. 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.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test receiver/spectrum was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.

#### NOTE:

- 1. The resolution bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
- 2. The resolution bandwidth is 1MHz and video bandwidth of test receiver/spectrum analyzer is 3MHz for Peak detection at frequency above 1GHz. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth of test receiver/spectrum analyzer is 3MHz for Average detection (AV) at frequency above 1GHz.
- 3. For measurement of frequency above 1000 MHz, the EUT was set 3 meters away from the receiver antenna.
- 4. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
- 5. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) (if the raw value not contains the amplifier);
- 6. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) Amplifier Gain(dB) (if the raw value contains the amplifier).
- 7. Margin value = Emission level Limit value.

#### 2.2.4 DEVIATION FROM TEST STANDARD

No deviation.



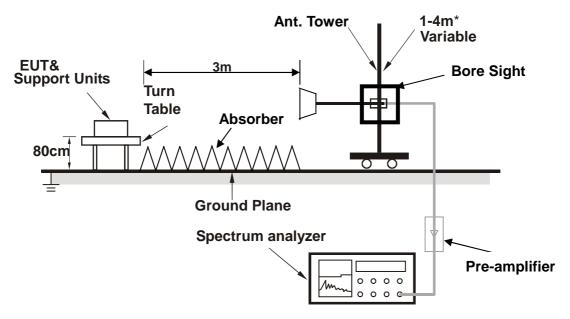
# 2.2.5 TEST SETUP

Frequency Range below 1GHz>
Ant. Tower
Support Units
Turn Table
Ground Plane

**Test Receiver** 

0 0 0

<Frequency Range above 1GHz>



\*: depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

#### 2.2.6 EUT OPERATING CONDITIONS

Same as item 2.1.6.

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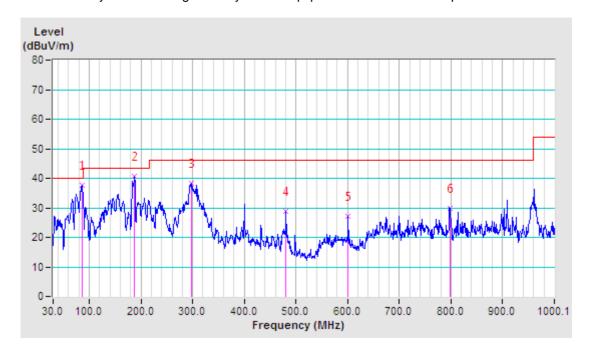


# 2.2.7 TEST RESULTS

TEST VOLTAGE	DC 5V From Adapter Input 120Vac, 50 Hz	FREQUENCY RANGE	30-1000 MHz
ENVIRONMENTAL CONDITIONS	26deg C 61 %RH		Quasi-Peak , 120 kHz
TESTED BY	Alex Chen		

	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
	No Freq.	Correction	Raw	Emission	Limit	Margin	Antenna	Table		
No.		Factor	Value	Level	(dBuV/m)		Height	Angle		
	MHz)	(dB/m)	(dBuV)	(dBuV/m)			(cm)	(Degree)		
1	85.30	-33.91	71.63	37.72	40.00	-2.28	200	198		
2	187.16	-29.57	70.39	40.82	43.50	-2.68	200	128		
3	297.75	-25.82	64.19	38.37	46.00	-7.63	200	248		
4	480.13	-20.35	49.00	28.65	46.00	-17.35	200	199		
5	600.42	-17.93	45.10	27.17	46.00	-18.83	200	76		
6	797.35	-14.94	44.73	29.79	46.00	-16.21	200	64		

- **REMARKS:** 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
  - 2. Negative sign (-) in the margin column signify levels below the limit.
  - 3. Frequency range scanned: 30MHz to 1000MHz.
  - 4. Only emissions significantly above equipment noise floor are reported.



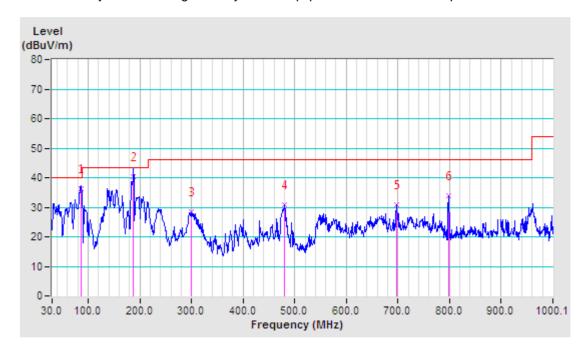
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TEST VOLTAGE	DC 5V From Adapter Input 120 Vac, 50 Hz	FREQUENCY RANGE	30-1000 MHz
ENVIRONMENTAL CONDITIONS 26deg. C, 61 %RH		DETECTOR FUNCTION & BANDWIDTH	Quasi-Peak , 120 kHz
TESTED BY	Alex Chen		

	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
	Freq.	Correction	Raw	Emission	Limit Margir (dBuV/m) (dB)	Margin	Antenna	Table			
No.	(MHz)	Factor	Value	Level			Height	Angle			
	(IVIIIZ)	(dB/m)	(dBuV)	(dBuV/m)		(ub)	(cm)	(Degree)			
1	86.27	-33.86	70.26	36.40	40.00	-3.60	100	176			
2	187.16	-29.57	69.95	40.38	43.50	-3.12	100	236			
3	298.72	-25.81	54.43	28.62	46.00	-17.38	100	118			
4	480.13	-20.35	51.28	30.93	46.00	-15.07	100	59			
5	697.43	-15.06	45.90	30.84	46.00	-15.16	100	198			
6	798.32	-14.95	48.85	33.90	46.00	-12.10	100	269			

- REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
  - 2. Negative sign (-) in the margin column signify levels below the limit.
  - 3. Frequency range scanned: 30MHz to 1000MHz.
  - 4. Only emissions significantly above equipment noise floor are reported.



Tel.: +86 769 8593 5656 Fax: +86 769 8593 1080



TEST VOLTAGE	DC 5V From Adapter Input 120 Vac, 50 Hz	FREQUENCY RANGE	1-6 GHz	
ENVIRONMENTAL CONDITIONS	26deg. C, 61 %RH	DETECTOR FUNCTION & BANDWIDTH	Peak/Average, 1 MHz	
TESTED BY	Alex Chen			

	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3M									
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)		
1	1816 PK	-10.60	51.02	40.42	74.00	-33.58	200	248		
2	1816 AV	-10.60	44.01	33.41	54.00	-20.59	200	248		
3	3703 PK	-4.85	53.11	48.26	74.00	-25.74	200	117		
4	3703 AV	-4.85	44.98	40.13	54.00	-13.87	200	117		
5	5930 PK	3.77	52.74	56.51	74.00	-17.49	200	48		
6	5930 AV	3.77	44.12	47.89	54.00	-6.11	200	48		

	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3M									
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)		
1	2207 PK	-8.40	55.86	47.46	74.00	-26.54	100	186		
2	2207 AV	-8.40	43.51	35.11	54.00	-18.89	100	186		
3	3669 PK	-4.95	54.71	49.76	74.00	-24.24	100	238		
4	3669 AV	-4.95	43.69	38.74	54.00	-15.26	100	238		
5	5811 PK	2.86	53.78	56.64	74.00	-17.36	100	66		
6	5811 AV	2.86	44.80	47.66	54.00	-6.34	100	66		

- **REMARKS:** 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
  - 2. Negative sign (-) in the margin column signify levels below the limit.
  - 3. Frequency range scanned: 1GHz to 6GHz.
  - 4. Only emissions significantly above equipment noise floor are reported.

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# 3 APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications were made to the EUT by the lab during the test.

---END---

No. 34, Chenwulu Section, Guantai Rd., Houjie Town, Dongguan City, Guangdong 523942, China Tel.: +86 769 8593 5656 Fax: +86 769 8593 1080