



EMC TEST REPORT

Applicant:	ZTE Corporation
Address:	ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park, Nanshan District, Shenzhen, Guangdong, P.R.China

Manufacturer or Supplier	ZTE Corporation
Address	ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park, Nanshan District, Shenzhen, Guangdong, P.R.China
Product	LTE OBDII Hotspot
Brand Name	ZTE
Model Name	Z6200
FCC ID	SRQ-Z6200
Date of tests	Aug. 15, 2016 ~ Sep. 01, 2016

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

ANSI C63.4:2014

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

Issued by Eric Shi Engineer / Mobile Department	Approved by Bill Yao Manager / Mobile Department
Enz	Bell
	Date: Sep. 02, 2016

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FV160830W005	Original release	Sep. 02, 2016

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1 GENERAL INFORMATION

1.1 GENERAL DESCRIPTION OF EUT

PRODUCT	LTE OBDII Hotspot		
MODEL NAME	Z6200		
NOMINAL VOLTAGE	12Vdc		
MODULATION TYPE	WLAN	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM BT-LE(GFSK) for DTS	
MODOLATION THE	WCDMA	BPSK/QPSK	
	LTE	QPSK/16QAM	
	WLAN	2412 ~ 2462MHz for 11b/g/n(HT20)	
	BT-LE	2402MHz ~ 2480MHz	
OPERATING FREQUENCY	WCDMA	1852.4MHz ~ 1907.6MHz (FOR WCDMA Band2) 1712.44MHz ~ 1752.6MHZ (FOR WCDMA Band4	
	LTE	1850MHz ~ 1910MHz (FOR LTE Band2) 1710MHz ~ 1755MHz (FOR LTE Band4) 824MHz ~ 849MHz (FOR LTE Band5) 699MHz ~ 716MHz (FOR LTE Band12)	
HW VERSION	Z6200.H02		
SW VERSION	TMO_US_Z6200V1.0.0B03		
I/O PORTS	Refer to user's manual		
CABLE	N/A		
ACCESSORY DEVICES	Refer to note as below		

NOTE

- For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
- For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.



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		
ECC Port 15	Conducted Test	PASS	Meets limits minimum passing margin is 20.22dB at 0.416000MHz.		
FCC Part 15, Subpart B, Class B ANSI C63.4:2014	Radiated Emission Test (30MHz ~ 1GHz)	PASS	Meets Class B Limit Minimum passing margin is -8.22dB at 54.25MHz		
	Radiated Emission Test (Above 1GHz)	PASS	Meets Class B Limit Minimum passing margin is -15.76dB at 4553MHz		

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 serie eiene	30MHz ~ 1GHz	+/-4.06dB	
Radiated emissions	1GHz ~ 18GHz	+/-4.58dB	



1.4 DESCRIPTION OF TEST MODES

Test Mode	Test Condition				
	Radiated emission test				
1	WCDMA Band II Idle + USB Link+ Wifi Idle(2.4G) + BT Idle + DC 12V				
2	WCDMA Band IV Idle + USB Link+ Wifi Idle(2.4G) + BT Idle + DC 12V				
3	LTE B2 Idle + USB Link+ Wifi Idle(2.4G) + BT Idle + DC 12V				
4	LTE B4 Idle + USB Link+ Wifi Idle(2.4G) + BT Idle + DC 12V				
5	LTE B5 Idle + USB Link+ Wifi Idle(2.4G) + BT Idle + DC 12V				
6	LTE B12 Idle + USB Link+ Wifi Idle(2.4G) + BT Idle + DC 12V				
Conducted emission test					
1	WCDMA Band II Idle + USB Link+ Wifi Idle(2.4G) + BT Idle + DC 12V				
2	WCDMA Band IV Idle + USB Link+ Wifi Idle(2.4G) + BT Idle + DC 12V				
3	LTE B2 Idle + USB Link+ Wifi Idle(2.4G) + BT Idle + DC 12V				
4	LTE B4 Idle + USB Link+ Wifi Idle(2.4G) + BT Idle + DC 12V				
5	LTE B5 Idle + USB Link+ Wifi Idle(2.4G) + BT Idle + DC 12V				
6	LTE B12 Idle + USB Link+ Wifi Idle(2.4G) + BT Idle + DC 12V				

NOTE:

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

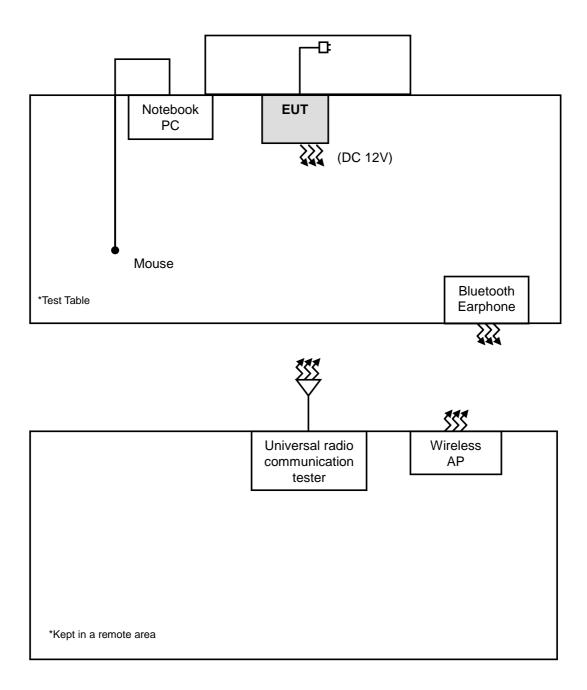
NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	N/A
2	N/A
3	N/A
4	DC Line: Unshielded, Undetachable, 2.0m
5	USB Line: Unshielded, Undetachable 1.8m;
6	USB Line: Shielded, Detachable 1.5m;

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 5 ~ 30	56 60	46 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	ESR7	101588	Jan. 22,16	Jan. 21,17
Artificial Mains Network	Rohde&Schwarz	ENV216	101173	Mar. 04,16	Mar. 03,17
Artificial Mains Network	Rohde&Schwarz	ESH3-Z5	100317	Apr. 05,16	Apr. 04,17
Voltage probe	SCHWARZBECK	TK 9421	TK 9421-176	Jan. 08,16	Jan. 07,17
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.

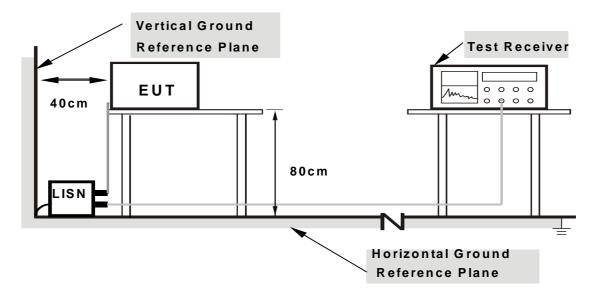
NOTE: All modes of operation were investigated and the worst-case emissions are reported.

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.



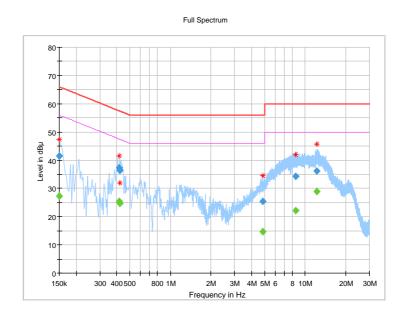
2.1.7 TEST RESULTS

TEST VOLTAGE	DC 12V Input 230 Vac, 50 Hz	6dB BANDWIDTH	9 kHz
ENVIRONMENTAL CONDITIONS	24deg. C, 55RH	TESTED BY	Eric

Frequency (MHz)	QuasiPeak (dB¦ÌV)	CAverage (dB¦ÌV)	Limit (dB¦ÌV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000		27.26	56.00	28.74	L1	ON	9.6
0.150000	41.40		66.00	24.60	L1	ON	9.6
0.416000		25.49	47.53	22.04	L1	ON	9.7
0.416000	37.31		57.53	20.22	L1	ON	9.7
0.420000		24.67	47.45	22.78	L1	ON	9.7
0.420000	36.46		57.45	20.99	L1	ON	9.7
4.860000		14.64	46.00	31.36	L1	ON	9.7
4.860000	25.45		56.00	30.55	L1	ON	9.7
8.496000		22.10	50.00	27.90	L1	ON	9.8
8.496000	34.30		60.00	25.70	L1	ON	9.8
12.196000		28.88	50.00	21.12	L1	ON	9.9
12.196000	36.25		60.00	23.75	L1	ON	9.9

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 12V Input 230 Vac, 50 Hz	6dB BANDWIDTH	9 kHz
ENVIRONMENTAL CONDITIONS	24deg. C, 55RH	TESTED BY	Eric

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.166000		20.52	55.16	34.64	N	ON	10.2
0.166000	37.08		65.16	28.08	N	ON	10.2
0.384000	35.44		58.19	22.75	N	ON	10.1
0.384000		21.37	48.19	26.82	N	ON	10.1
0.388000	35.06		58.11	23.05	N	ON	10.1
0.388000		20.79	48.11	27.32	N	ON	10.1
0.756000		11.84	46.00	34.16	N	ON	10.0
0.756000	25.27		56.00	30.73	N	ON	10.0
8.536000		21.67	50.00	28.33	N	ON	9.8
8.536000	33.98		60.00	26.02	N	ON	9.8
11.956000		26.77	50.00	23.23	N	ON	9.9
11.956000	34.49		60.00	25.51	N	ON	9.9

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

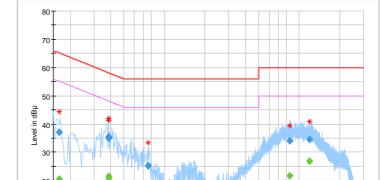
- 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
- 3. The emission levels of other frequencies were very low against the limit.
- 4. Margin value = Emission level Limit value

150k

300 400 500

800 1M

- 5. Correction factor = Insertion loss + Cable loss
- 6. Emission Level = Correction Factor + Reading Value.



20M 30M

3M 4M 5M 6

Frequency in Hz



2.2 RADIATED 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	33.6	47	37				
960-1000	49.5	43.5	47	31				
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

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR7	101494	Apr. 05,16	Apr. 04,17
Bilog Antenna	Teseq	CBL 6111D	30643	Jul. 14, 16	Jul. 13, 17
Amplifier	Burgeon	BPA-530	100220	Apr. 05,16	Apr. 04,17
3m Semi-anechoic Chamber	ETS-LINDGREN			Mar. 12,16	Mar. 11,18
Test software	ADT	ADT_Radiated_V 7.6.15.9.2	N/A	N/A	N/A

For frequency above 1G

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Horn Antenna	ETS-Lindgren	3117	00062558	May 30,16	May 29,18
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170242	Mar. 12,16	Mar. 11,17
Signal and Spectrum Analyzer	Rohde&Schwarz	FSV40	101094	Apr. 05,16	Apr. 04,17
Broadband Preamplifier	SCHWARZBECK	BBV9718	305	Mar. 09,16	Mar. 08,17
Pre-Amplifier (18GHz-40GHz)	EMCI		980102	Nov. 11,15	Nov. 10,16
Test Software	ADT	ADT_Radiated_V 7.6.15.9.2	N/A	N/A	N/A

NOTE: 1. The test was performed in 966m Chamber (a 3m Semi-anechoic 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 502831.



2.2.3 TEST PROCEDURE

The basic test procedure was in accordance with ANSI C63.4:2014 (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 1Hz 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.

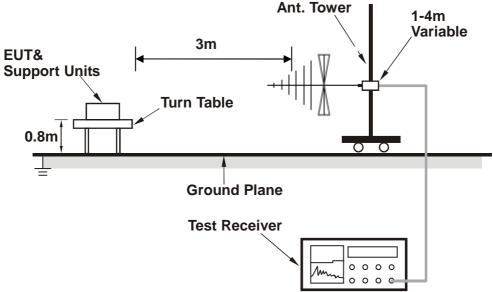
2.2.4 DEVIATION FROM TEST STANDARD

No deviation.

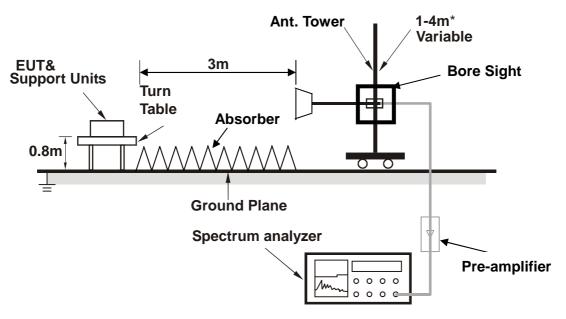


2.2.5 TEST SETUP

<Frequency Range below 1GHz>



<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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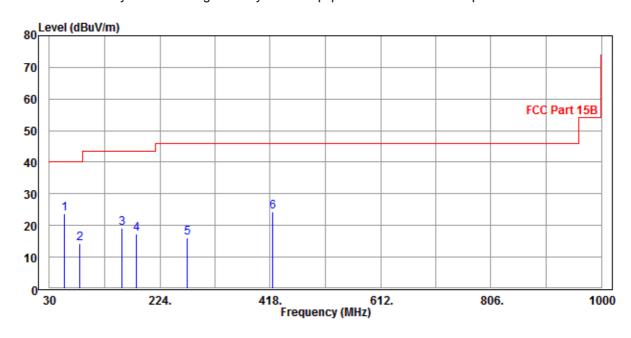


2.2.7 TEST RESULTS

TEST VOLTAGE	DC 12V Input 120Vac, 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: HORIZONTAL AT 3 M									
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB/m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
56.19	23.64	53.40	40.00	-16.36	6.44	1.14	37.34	100	24	QP
82.38	14.34	43.39	40.00	-25.66	6.67	1.40	37.12	100	128	QP
158.04	19.03	43.86	43.50	-24.47	10.00	1.92	36.75	100	69	QP
182.29	17.35	42.03	43.50	-26.15	9.92	2.07	36.67	100	160	QP
271.53	16.13	37.41	46.00	-29.87	12.66	2.57	36.51	100	240	QP
422.85	24.28	40.36	46.00	-21.72	17.47	3.22	36.77	100	260	QP

- 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.



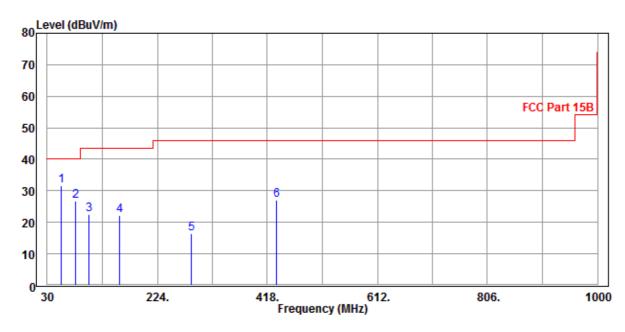
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TEST VOLTAGE	DC 12V Input 120 Vac, 50 Hz	FREQUENCY RANGE	30-1000 MHz
ENVIRONMENTAL CONDITIONS	26deg. C, 61 %RH	DETECTOR FUNCTION & BANDWIDTH	Quasi-Peak , 120 kHz
TESTED BY	Alex Chen		

	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK	
54.25	31.78	61.55	40.00	-8.22	6.46	1.12	37.35	100	360	QP	
79.47	26.88	56.05	40.00	-13.12	6.62	1.37	37.16	100	36	QP	
102.75	22.63	50.15	43.50	-20.87	7.90	1.56	36.98	100	96	QP	
158.04	22.31	47.14	43.50	-21.19	10.00	1.92	36.75	100	128	QP	
284.14	16.51	37.58	46.00	-29.49	12.81	2.63	36.51	100	240	QP	
433.52	26.97	42.92	46.00	-19.03	17.60	3.25	36.80	100	121	QP	

- **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.



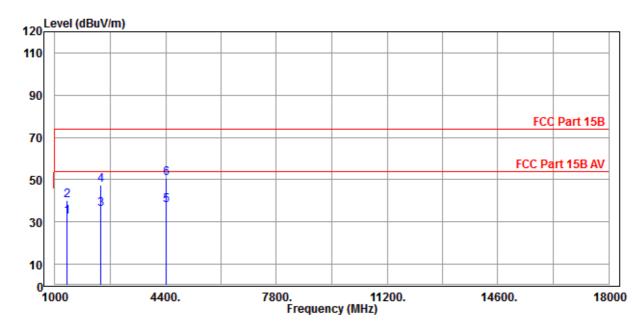
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TEST VOLTAGE	DC 12V Input 120 Vac, 50 Hz	FREQUENCY RANGE	1-18 GHz		
ENVIRONMENTAL CONDITIONS	26deg. C, 61 %RH	DETECTOR FUNCTION & BANDWIDTH	Peak/Average, 1 MHz		
TESTED BY	Alex Chen				

	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB/m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK	
1663	33.25	45.18	54.00	-20.75	29.74	6.69	48.36	100	72	Average	
1663	42.09	54.02	74.00	-31.91	29.74	6.69	48.36	100	72	Peak	
3210	35.62	41.52	54.00	-18.38	32.94	9.52	48.36	100	128	Average	
3210	47.54	53.44	74.00	-26.46	32.94	9.52	48.36	100	128	Peak	
4553	38.24	41.10	54.00	-15.76	34.30	11.63	48.79	100	180	Average	
4553	50.57	53.43	74.00	-23.43	34.30	11.63	48.79	100	180	Peak	

- 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 18GHz.
 - 4. Only emissions significantly above equipment noise floor are reported.



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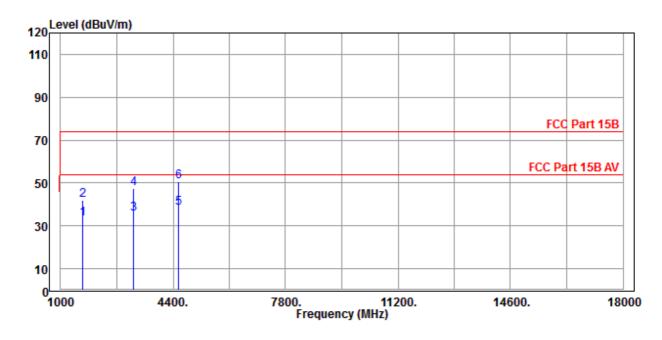


TEST VOLTAGE	DC 12V FREQUENCY Input 120 Vac, 50 Hz RANGE		1-18 GHz		
ENVIRONMENTAL CONDITIONS	26deg. C, 61 %RH	DETECTOR FUNCTION & BANDWIDTH	Peak/Average, 1 MHz		
TESTED BY	Alex Chen				

	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB/m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK	
1374	32.56	46.06	54.00	-21.44	28.83	6.03	48.36	100	56	Average	
1374	40.33	53.83	74.00	-33.67	28.83	6.03	48.36	100	56	Peak	
2411	36.23	44.04	54.00	-17.77	32.31	8.19	48.31	100	128	Average	
2411	47.41	55.22	74.00	-26.59	32.31	8.19	48.31	100	128	Peak	
4417	37.98	41.17	54.00	-16.02	34.22	11.33	48.74	100	250	Average	
4417	50.69	53.88	74.00	-23.31	34.22	11.33	48.74	100	250	Peak	

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 18GHz.
- 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---

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