


# FCC Radio Test Report

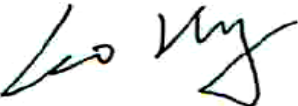
## FCC ID: T58WF2780R


This report concerns (check one):  Original Grant  Class II Change

**Project No.** : 1409C014  
**Equipment** : AC1200 Wireless Dual Band Gigabit Router  
**Model Name** : WF2880  
**Applicant** : NETIS SYSTEMS CO., LTD  
**Address** : 4F&5F R&D Building, Oriental Cyberport, High-Tech Industrial Park, Nanshan, Shenzhen, China.

**Date of Receipt** : Sep. 01, 2014  
**Date of Test** : Sep. 01, 2014 ~ Oct. 08, 2014  
**Issued Date** : Oct. 17, 2014  
**Tested by** : BTL Inc.

**Testing Engineer** :   
(David Mao)

**Technical Manager** :   
(Leo Hung)

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(Steven Lu)

# **B T L I N C .**

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### **Declaration**

**BTL** represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **CHINA**, or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

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**BTL's** laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

### **Limitation**

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

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### REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
NEI-FCCP-3-1402C047	Original Report.	Apr. 10, 2014
BTL-FCCP-3-1409C014	Compared with previous report (NEI-FCCP-3-1402C047), added a USB port, the adapter and model name are changed, the RF module is the same, Conducted Emission and Radiated Emission (Below 1GHz) have been re-evaluated and recorded in the test report.	Oct. 17, 2014

## 1. CERTIFICATION

Equipment : AC1200 Wireless Dual Band Gigabit Router  
Brand Name : netis  
Model Name : WF2880  
Applicant : NETIS SYSTEMS CO., LTD  
Manufacturer : Shenzhen Netcore Industrial Ltd.  
Address : 4F&5F R&D Building, Oriental Cyberport, High-Tech Industrial Park, Nanshan, Shenzhen, China.  
Factory : Dongguan City Netcore Network Technology Co.,Ltd.  
Address : No. 10-1, Sankeng Road, Qinghutou, Tangxia Town, Dongguan City  
Date of Test : Sep. 01, 2014 ~ Oct. 08, 2014  
Test Item : ENGINEERING SAMPLE  
Standard(s) : FCC Part15, Subpart C(15.247) / ANSI C63.4-2009

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc..

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-3-1409C014) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

**Test result included in this report is only for the 5745~5825MHz part of the product.**

## 2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

Applied Standard(s): FCC Part15 (15.247) , Subpart C				
Standard(s)	Section	Test Item	Judgment	Remark
15.207		Conducted Emission	PASS	
15.247(d)		Antenna conducted Spurious Emission	N/A	
15.247(a)(2)		6dB Bandwidth	N/A	
15.247(b)(3)		Peak Output Power	N/A	
15.247(e)		Power Spectral Density	N/A	
15.203		Antenna Requirement	N/A	
15.209/15.205		Transmitter Radiated Emissions	PASS	

**NOTE:**

(1) " N/A " denotes test is not applicable in this test report.

(2) The test follows FCC KDB Publication No. 558074 D01 DTS Meas Guidance v03r02 (Measurement Guidelines of DTS)

## 2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **DG-C02/DG-CB03** at the location of No.3,Jinshagang 1st Road, ShiXia, Dalang Town, Dong Guan, China.523792

BTL's test firm number for FCC: 319330

## 2.2 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:

The reported uncertainty of measurement  $y \pm U$  where expanded uncertainty  $U$  is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95 %.

### A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U , (dB)	NOTE
DG-C02	CISPR	150 KHz ~ 30MHz	1.94	

### B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U , (dB)	NOTE
DG-CB03	CISPR	9KHz~30MHz	V	3.79	
		9KHz~30MHz	H	3.57	
		30MHz ~ 200MHz	V	3.82	
		30MHz ~ 200MHz	H	3.60	
		200MHz ~ 1,000MHz	V	3.86	
		200MHz ~ 1,000MHz	H	3.94	
		1GHz~18GHz	V	3.12	
		1GHz~18GHz	H	3.68	
		18GHz~40GHz	V	4.15	
		18GHz~40GHz	H	4.14	

### 3. GENERAL INFORMATION

#### 3.1 GENERAL DESCRIPTION OF EUT

Equipment	AC1200 Wireless Dual Band Gigabit Router	
Brand Name	netis	
Model Name	WF2880	
Model Different	N/A	
Product Description	Operation Frequency	5745~5825 MHz
	Modulation Technology	802.11a/n:OFDM
	Bit Rate of Transmitter	300Mbps
	Number of Channel	5 CH, Please see note 2.(Page 10)
	Antenna Designation	Please see note 3.(Page 10)
	Antenna Gain(Peak)	
	Output Power (Max.)	802.11a: 12.89 dBm 802.11n (20M): 15.81 dBm 802.11n (40M): 15.69 dBm 802.11ac (20M): 15.81 dBm 802.11ac (40M): 15.69 dBm 802.11ac (80M): 15.55 dBm
More details of EUT technical specification, please refer to the User's Manual.		
Power Source	DC Voltage Supplied from AC Adapter. Brand/Model: GOSPELL / G0612U-120-150	
Power Rating	I/P: AC 100-240V~ 50/60Hz 0.5A MAX O/P: DC 12V 1.5A	

Note:

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



2.

802.11a / 802.11n 20M / 802.11ac 20M					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
<b>149</b>	<b>5745</b>	153	5765	<b>157</b>	<b>5785</b>
161	5805	<b>165</b>	<b>5825</b>		

802.11n 40M / 802.11ac 40M			
Channel	Frequency (MHz)	Channel	Frequency (MHz)
<b>151</b>	<b>5755</b>	<b>159</b>	<b>5795</b>

802.11ac 80M			
Channel	Frequency (MHz)		
<b>155</b>	<b>5775</b>		

3. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
6	<i>RF link</i>	RF21C00077A	Dipole Antenna	N/A	5.88
7	<i>RF link</i>	RF21C00073A	Dipole Antenna	N/A	5.88

Note:

The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and two receivers (2T2R). all transmit signals are completely uncorrelated, then, **Direction gain = G<sub>ANT</sub>**, that is Directional gain=5.88dBi

4.

Operating Mode	1TX	3TX
802.11a	V (ANT 6)	-
802.11n(20MHz)	-	V (ANT 6 + ANT 7)
802.11n(40MHz)	-	V (ANT 6 + ANT 7)
802.11ac(20MHz)	-	V (ANT 6 + ANT 7)
802.11ac(40MHz)	-	V (ANT 6 + ANT 7)
802.11ac(80MHz)	-	V (ANT 6 + ANT 7)

### 3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	TX A Mode Channel 149/157/165
Mode 2	TX N20 Mode Channel 149/157/165
Mode 3	TX N40 Mode Channel 151/159
Mode 4	TX AC N20 Mode Channel 149/157/165
Mode 5	TX AC N40 Mode Channel 151/159
Mode 6	TX AC N80 Mode Channel 155
Mode 7	TX Mode

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

For Conducted Test	
Final Test Mode	Description
Mode 7	TX Mode

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode Channel 149/157/165
Mode 2	TX N20 Mode Channel 149/157/165
Mode 3	TX N40 Mode Channel 151/159
Mode 4	TX AC N20 Mode Channel 149/157/165
Mode 5	TX AC N40 Mode Channel 151/159
Mode 6	TX AC N80 Mode Channel 155

Note: For Radiated Below 1G test, the 802.11a mode is found to be the worst case and recorded.

### 3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

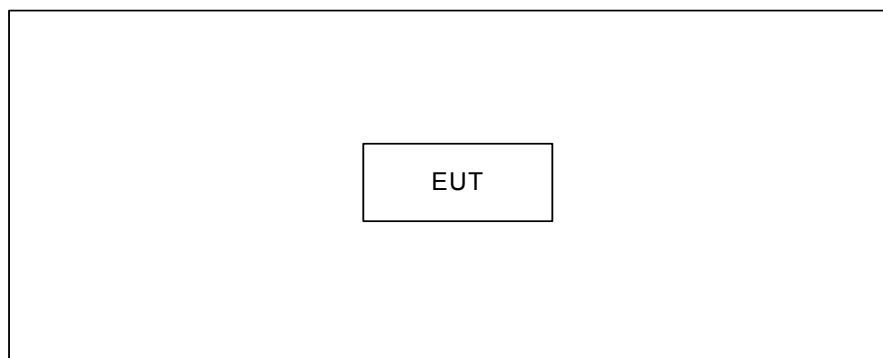
During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product

Test software version	RT5x9x_V1.0.8.0_AP		
Frequency	5745 MHz	5785 MHz	5825MHz
TX A Mode	27	27	27
TX N20 Mode	28	28	28
TX AC 20 Mode	26	25	25

Test software version	RT5x9x_V1.0.8.0_AP	
Frequency	5745 MHz	5825MHz
TX N40 Mode	29	28
TX AC 40 Mode	29	28

Test software version	RT5x9x_V1.0.8.0_AP	
Frequency	5775 MHz	
TX AC 80 Mode	27	

### 3.4 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



### 3.5 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.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID/IC	Series No.	Note
-	-	-	-	-	-	

Item	Shielded Type	Ferrite Core	Length	Note
-	-	-	-	-

Note:

- (1) For detachable type I/O cable should be specified the length in m in 『Length』 column.

## 4. EMC EMISSION TEST

### 4.1 CONDUCTED EMISSION MEASUREMENT

#### 4.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)		Standard
	Quasi-peak	Average	Quasi-peak	Average	
0.15 -0.5	79.0	66.0	66 - 56 *	56 - 46 *	CISPR
0.50 -5.0	73.00	60.00	56.00	46.00	CISPR
5.0 -30.0	73.00	60.00	60.00	50.00	CISPR

0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	73.00	60.00	56.00	46.00	FCC
5.0 -30.0	73.00	60.00	60.00	50.00	FCC

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " \* " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

#### 4.1.2 MEASUREMENT INSTRUMENTS LIST AND SETTING

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	Mar. 29, 2015
2	LISN	R&S	ENV216	101447	Mar. 29, 2015
3	Test Cable	N/A	C_17	N/A	Mar. 14, 2015
4	EMI TEST RECEIVER	R&S	ESCS30	833364/017	Mar. 29, 2015
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Mar. 29, 2015
6	Measurement Software	Fara	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

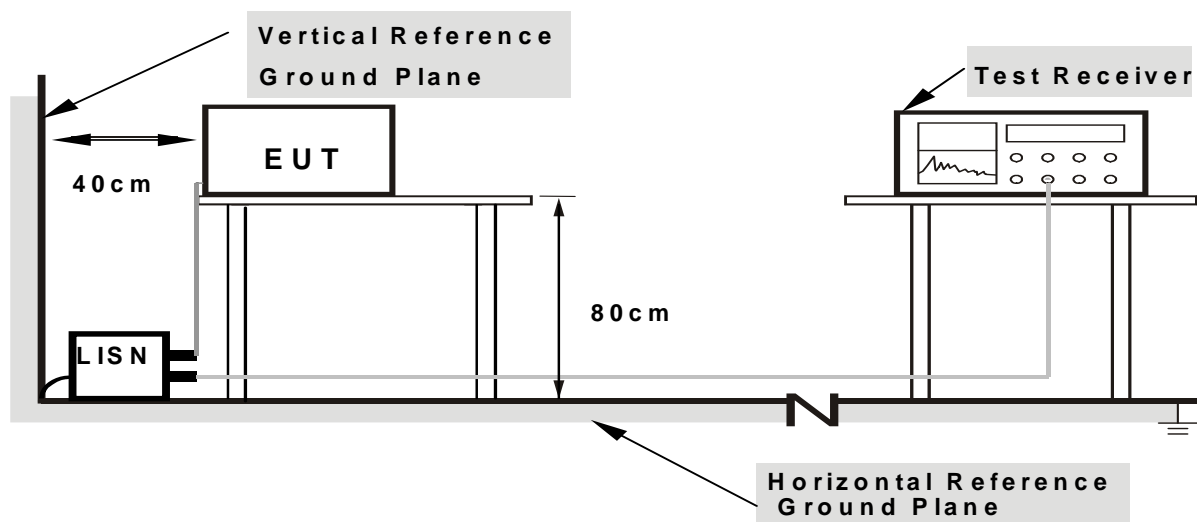
### 4.1.3 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

### 4.1.4 DEVIATION FROM TEST STANDARD

No deviation

### 4.1.5 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

### 4.1.6 EUT OPERATING CONDITIONS

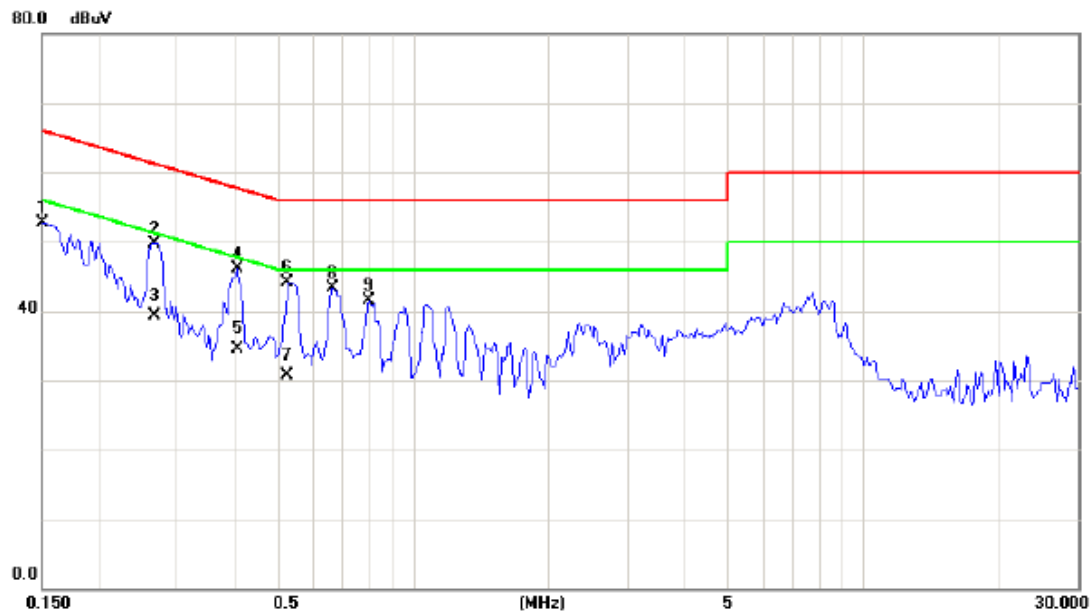
The EUT was configured for testing in a typical function (as a customer would normally use it). The EUT was programmed to be in continuously transmitting/TX mode.

#### 4.1.7 TEST RESULTS

Remark:

- (1) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a “ \* ” marked in AVG Mode column of Interference Voltage Measured.
- (2) Measuring frequency range from 150KHz to 30MHz.

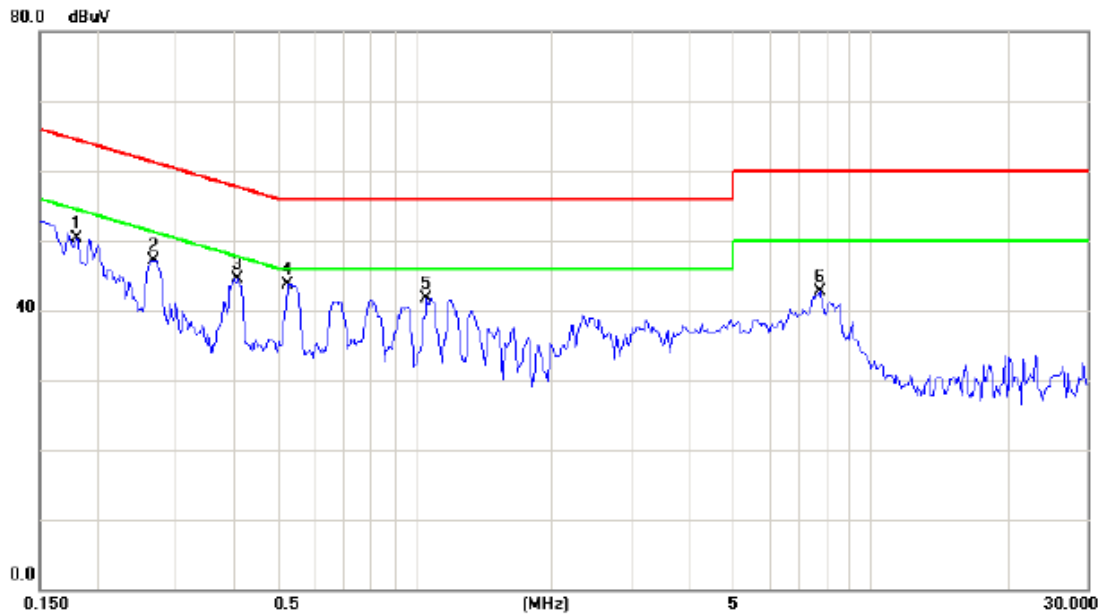
EUT:	AC1200 Wireless Dual Band Gigabit Router	Model Name:	WF2880
Temperature:	24 °C	Relative Humidity:	55 %
Test Power:	AC 120V/60Hz	Phase:	Line
Test Mode :	TX Mode		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1500	43.24	9.49	52.73	66.00	-13.27	peak	
2	*	0.2672	40.12	9.52	49.64	61.20	-11.56	peak	
3		0.2672	29.80	9.52	39.32	51.20	-11.88	AVG	
4		0.4078	36.46	9.56	46.02	57.69	-11.67	peak	
5		0.4078	24.90	9.56	34.46	47.69	-13.23	AVG	
6		0.5290	34.54	9.59	44.13	56.00	-11.87	peak	
7		0.5290	21.10	9.59	30.69	46.00	-15.31	AVG	
8		0.6617	33.70	9.61	43.31	56.00	-12.69	peak	
9		0.7984	31.94	9.62	41.56	56.00	-14.44	peak	



EUT:	AC1200 Wireless Dual Band Gigabit Router	Model Name:	WF2880
Temperature:	24 °C	Relative Humidity:	55 %
Test Power:	AC 120V/60Hz	Phase:	Neutral
Test Mode :	TX Mode		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1811	40.80	9.51	50.31	64.44	-14.13	peak	
2		0.2671	37.62	9.52	47.14	61.21	-14.07	peak	
3		0.4077	34.96	9.56	44.52	57.70	-13.18	peak	
4	*	0.5290	34.04	9.59	43.63	56.00	-12.37	peak	
5		1.0640	32.02	9.65	41.67	56.00	-14.33	peak	
6		7.7460	32.78	9.96	42.74	60.00	-17.26	peak	

## 4.2 RADIATED EMISSION MEASUREMENT

### 4.2.1 RADIATED EMISSION LIMITS (Frequency Range 9KHz-1000MHz)

20dB in any 100 KHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

### LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

Frequency (MHz)	(dBuV/m) (at 3 meters)	
	PEAK	AVERAGE
Above 1000	74	54

**Notes:**

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

#### 4.2.2 MEASUREMENT INSTRUMENTS LIST AND SETTING

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 29, 2015
2	Amplifier	HP	8447D	2944A09673	Mar. 29, 2015
3	Receiver	AGILENT	N9038A	MY52130039	Sep. 30, 2015
4	Test Cable	N/A	C-01_CB03	N/A	Jul. 01, 2015
5	Controller	CT	SC100	N/A	N/A
6	Measurement Software	Fara	EZ-EMC Ver.NB-03A1-0 1	N/A	N/A

Remark: "N/A" denotes no model name, serial no. or calibration specified.  
All calibration period of Equipment List is One Year.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (Emission in restricted band)	1MHz / 1MHz for Peak, 1 MHz / 10Hz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~90kHz for PK/AVG detector
Start ~ Stop Frequency	90kHz~110kHz for QP detector
Start ~ Stop Frequency	110kHz~490kHz for PK/AVG detector
Start ~ Stop Frequency	490kHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP detector

**4.2.3 TEST PROCEDURE**

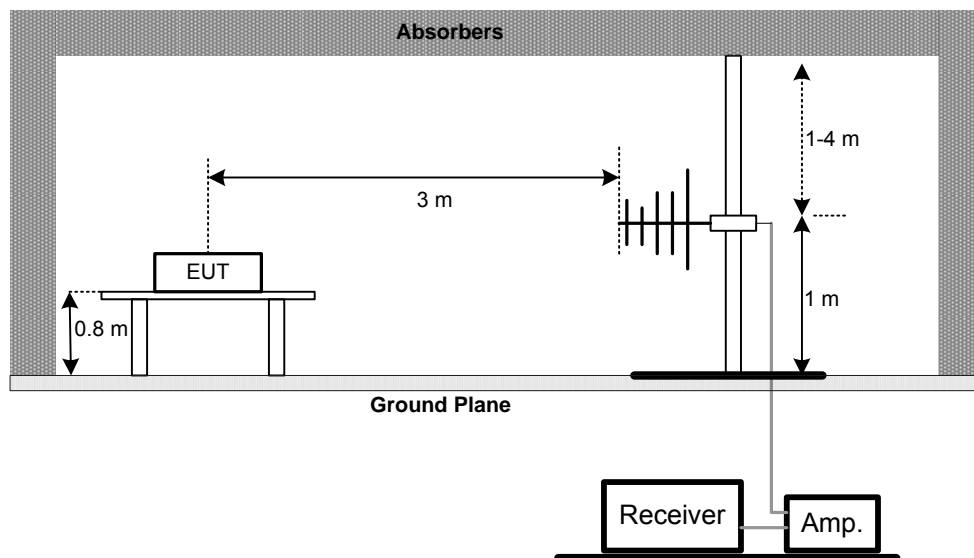
- a. The measuring distance of at 1.5 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

**4.2.4 DEVIATION FROM TEST STANDARD**

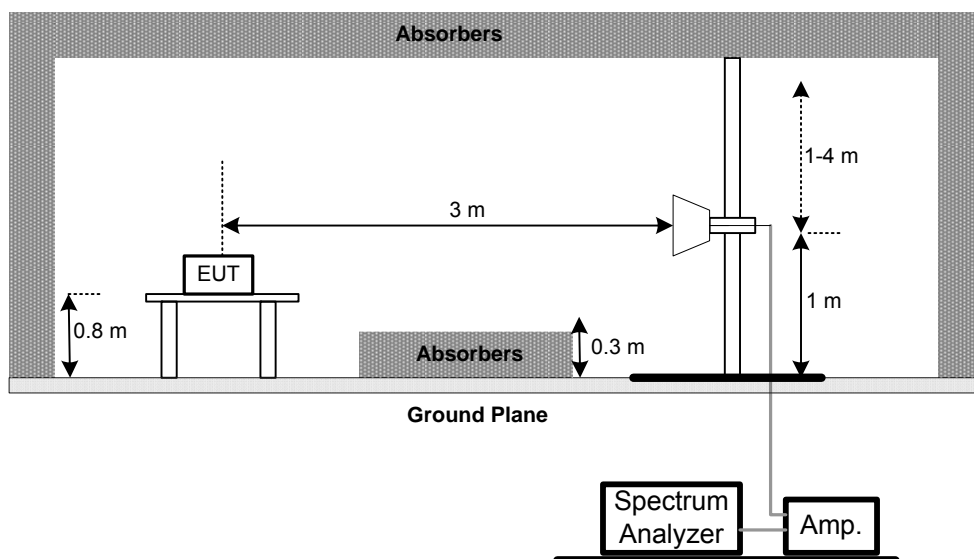
No deviation

#### 4.2.5 TEST SETUP

##### (A) Radiated Emission Test Set-Up Frequency Below 1 GHz



##### (B) Radiated Emission Test Set-Up Frequency Above 1 GHz



#### 4.2.6 EUT OPERATING CONDITIONS

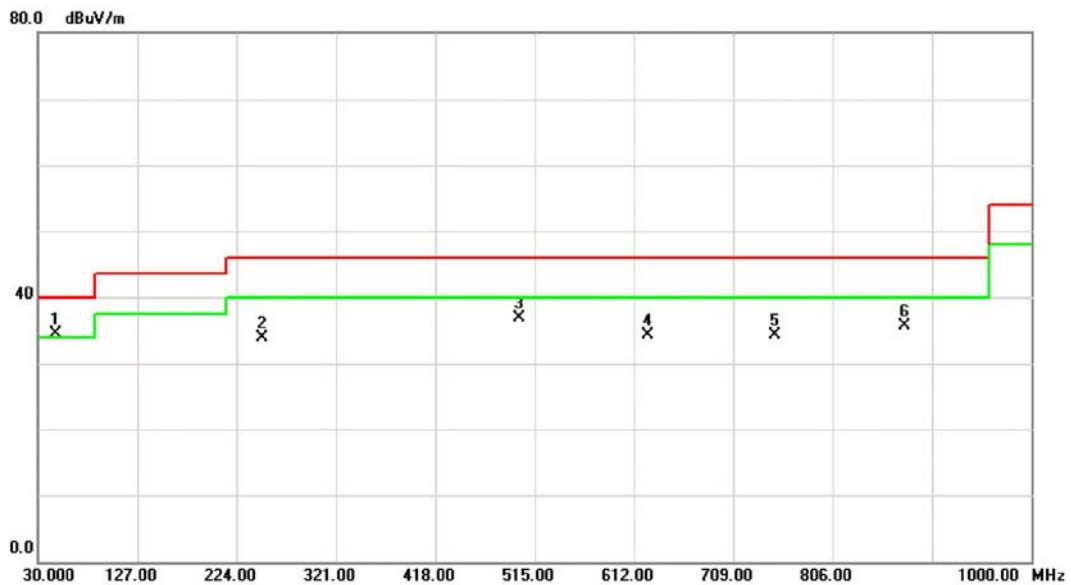
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

#### 4.2.7 TEST RESULTS (BETWEEN 30 – 1000 MHZ)

Remark:

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz.
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz.
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table.

EUT:	AC1200 Wireless Dual Band Gigabit Router	Model Name :	WF2880
Temperature:	25°C	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5745MHz		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	47.4600	46.77	-12.18	34.59	40.00	-5.41	peak	
2		249.2200	47.23	-13.26	33.97	46.00	-12.03	peak	
3		499.4800	44.47	-7.53	36.94	46.00	-9.06	peak	
4		625.5800	37.68	-3.38	34.30	46.00	-11.70	peak	
5		749.7400	35.37	-1.12	34.25	46.00	-11.75	peak	
6		875.8400	34.02	1.72	35.74	46.00	-10.26	peak	

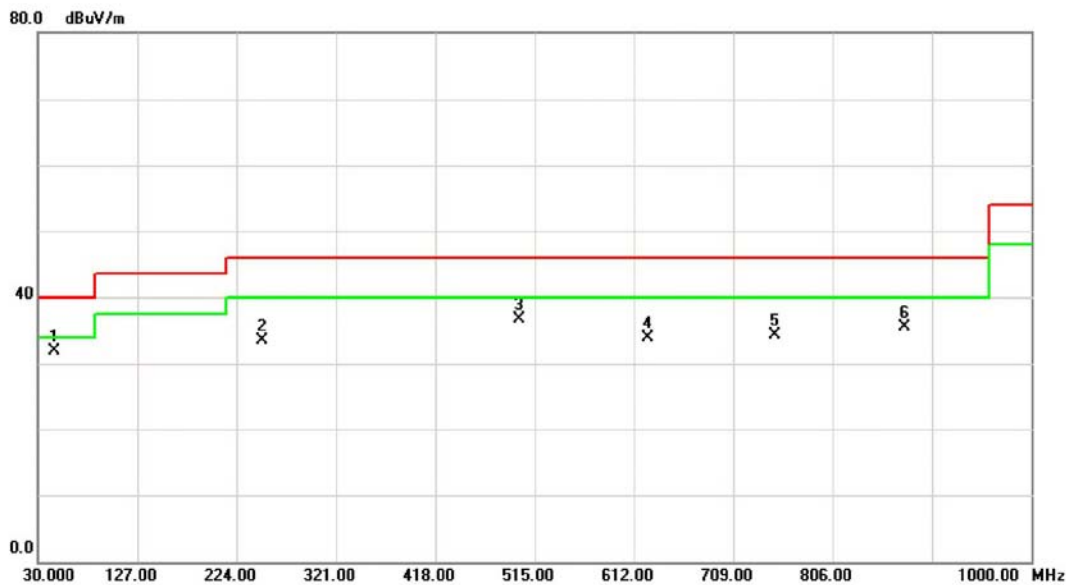
EUT:	AC1200 Wireless Dual Band Gigabit Router	Model Name :	WF2880
Temperature:	25°C	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5745MHz		



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	249.2200	50.42	-13.26	37.16	46.00	-8.84	peak	
2	375.3200	43.81	-8.83	34.98	46.00	-11.02	peak	
3	499.4800	39.60	-7.53	32.07	46.00	-13.93	peak	
4 *	875.8400	37.10	1.72	38.82	46.00	-7.18	peak	
5	959.2600	35.65	2.63	38.28	46.00	-7.72	peak	
6	1000.000	35.69	2.41	38.10	54.00	-15.90	peak	

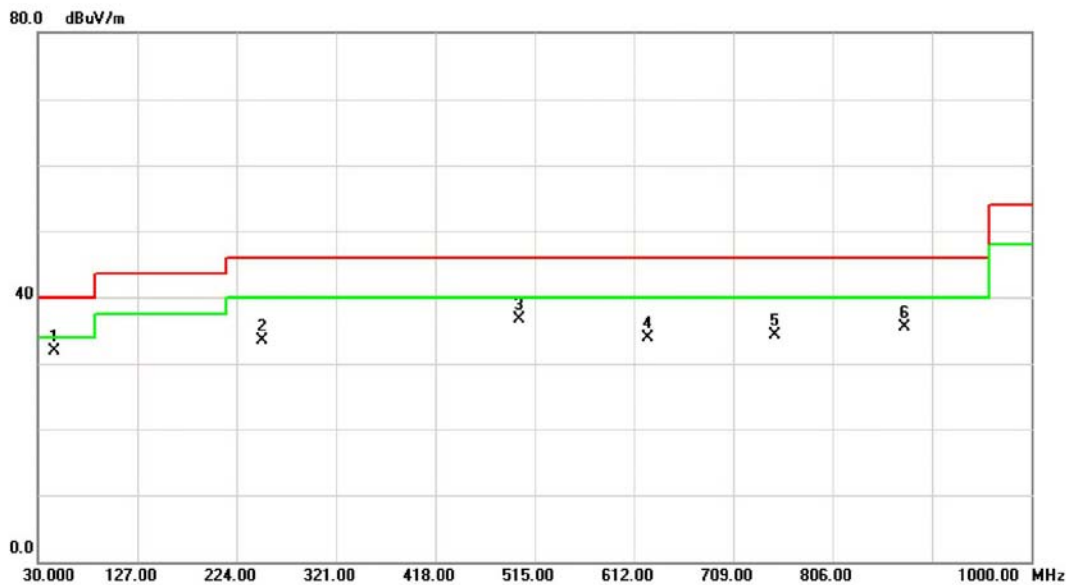


EUT:	AC1200 Wireless Dual Band Gigabit Router	Model Name :	WF2880
Temperature:	25°C	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5785MHz		



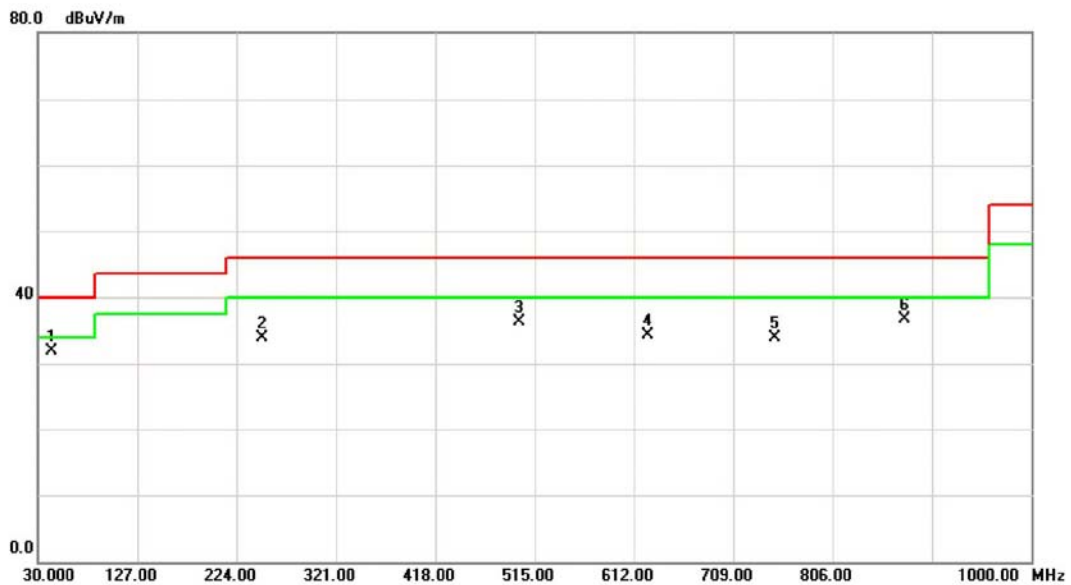
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	45.5200	43.87	-11.93	31.94	40.00	-8.06	peak	
2		249.2200	46.79	-13.26	33.53	46.00	-12.47	peak	
3		499.4800	44.28	-7.53	36.75	46.00	-9.25	peak	
4		625.5800	37.38	-3.38	34.00	46.00	-12.00	peak	
5		749.7400	35.47	-1.12	34.35	46.00	-11.65	peak	
6		875.8400	33.79	1.72	35.51	46.00	-10.49	peak	

EUT:	AC1200 Wireless Dual Band Gigabit Router	Model Name :	WF2880
Temperature:	25°C	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5785MHz		



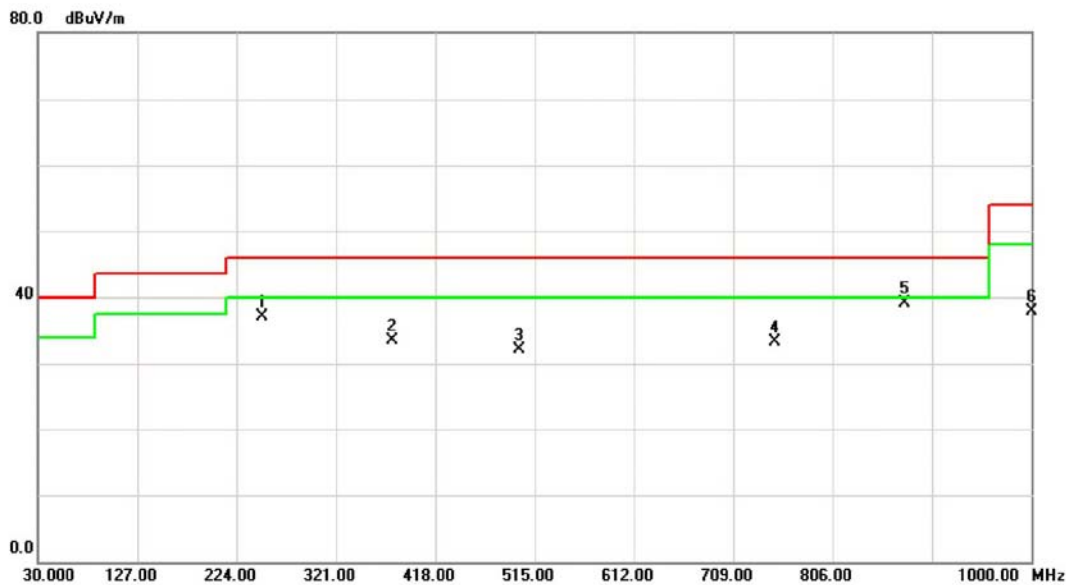
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	45.5200	43.87	-11.93	31.94	40.00	-8.06	peak	
2		249.2200	46.79	-13.26	33.53	46.00	-12.47	peak	
3		499.4800	44.28	-7.53	36.75	46.00	-9.25	peak	
4		625.5800	37.38	-3.38	34.00	46.00	-12.00	peak	
5		749.7400	35.47	-1.12	34.35	46.00	-11.65	peak	
6		875.8400	33.79	1.72	35.51	46.00	-10.49	peak	

EUT:	AC1200 Wireless Dual Band Gigabit Router	Model Name :	WF2880
Temperature:	25°C	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5825MHz		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	43.5800	44.01	-12.08	31.93	40.00	-8.07	peak	
2		249.2200	47.16	-13.26	33.90	46.00	-12.10	peak	
3		499.4800	43.76	-7.53	36.23	46.00	-9.77	peak	
4		625.5800	37.68	-3.38	34.30	46.00	-11.70	peak	
5		749.7400	35.03	-1.12	33.91	46.00	-12.09	peak	
6		875.8400	34.99	1.72	36.71	46.00	-9.29	peak	

EUT:	AC1200 Wireless Dual Band Gigabit Router	Model Name :	WF2880
Temperature:	25°C	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5825MHz		



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	249.2200	50.32	-13.26	37.06	46.00	-8.94	peak	
2	375.3200	42.27	-8.83	33.44	46.00	-12.56	peak	
3	499.4800	39.70	-7.53	32.17	46.00	-13.83	peak	
4	749.7400	34.43	-1.12	33.31	46.00	-12.69	peak	
5 *	875.8400	37.31	1.72	39.03	46.00	-6.97	peak	
6	1000.000	35.52	2.41	37.93	54.00	-16.07	peak	

## 5. EUT TEST PHOTO

### Conducted Measurement Photos



## Radiated Measurement Photos

30MHz to 1000MHz

