

# FCC Radio Test Report FCC ID: T58WF2710R

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

**Issued Date** : Dec. 16, 2013 **Project No.** : 1309C035A

**Equipment**: AC750 Wireless Dual Band Router

Model Name: WF2710

**Applicant**: NETIS SYSTEMS CO., LTD

Address: 4F&5F R&D Building, Oriental Cyberport,

High-Tech Industrial Park, Nanshan,

Shenzhen, China.

**Tested by:** Neutron Engineering Inc. EMC Laboratory

Date of Receipt: Nov. 26, 2013

Date of Test: Nov. 26, 2013~ Dec. 13, 2013

Testing Engineer : Yourd

( David Mao)

Technical Manager :

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### **Neutron Engineering Inc.**

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#### **Declaration**

**Neutron** 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 **R.O.C**, or National Institute of Standards and Technology (**NIST**) of **U.S.A**.

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#### REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
NEI-FCCP-1-1309C035A	Original Issue.	Dec. 16, 2013

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#### 1. CERTIFICATION

Equipment : AC750 Wireless Dual Band Router

Brand Name: netis Model Name: WF2710

Applicant : NETIS SYSTEMS CO., LTD Manufacture : 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 : Nov. 26, 2013~ Dec. 13, 2013 Test Item : ENGINEERING SAMPLE

Standard(s): FCC Part15(2012), 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 Neutron Engineering Inc. EMC Laboratory.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. NEI-FCCP-1-1309C035A) 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).

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#### 2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC P	art15 (15.247) , Subpart C		
Standard(s) Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	
15.247(d)	Antenna conducted Spurious Emission	PASS	
15.247(a)(2)	6dB Bandwidth	PASS	
15.247(b)(3)	Peak Output Power	PASS	
15.247(e)	Power Spectral Density	PASS	
15.203	Antenna Requirement	PASS	
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 v03r01 (Measurement Guidelines of DTS)

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#### 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 Neutron's test firm number is 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 expended 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
		9KHz~30MHz	V	3.79	
		9KHz~30MHz	Н	3.57	
		30MHz ~ 200MHz	V	3.82	
		30MHz ~ 200MHz	Н	3.60	
DG-CB03	CISPR	200MHz ~ 1,000MHz	V	3.86	
DG-CB03	CISEIX	200MHz ~ 1,000MHz	Н	3.94	
		1GHz~18GHz	V	3.12	
		1GHz~18GHz	Н	3.68	
		18GHz~40GHz	V	4.15	
		18GHz~40GHz	Н	4.14	_

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#### 3. GENERAL INFORMATION

#### 3.1 GENERAL DESCRIPTION OF EUT

Equipment	AC750 Wireless Dual Band Router			
Brand Name	netis			
Model Name	WF2710			
Model Difference	N/A			
	Operation Frequency  Modulation Technology	2412~2462 MHz 802.11b:DSSS 802.11g:OFDM 802.11n:OFDM 802.11b: 11/5.5/2/1 Mbps		
	Bit Rate of Transmitter	802.11g: 54/48/36/24/18/12/9/6 Mbps 802.11n up to 300 Mbps		
Product Description	Number Of Channel	11 CH, Please see note 2.(Page 10)		
	Antenna Designation Antenna Gain(Peak)	Please see note 3.(Page 10)		
	Output Power (Max.)	802.11b: 16.97dBm 802.11g: 19.95dBm 802.11n(20MHz):20.39dBm 802.11n(40MHz):20.16dBm		
	More details of EUT technical specification, please refer to the User's Manual.			
Power Source	DC voltage supplied from AC/DC adapter.  Manufacturer: DongGuan tenpao Power CO., LTD  Model: NTPI2UL			
Power Rating	I/P: AC 100-240V~0.2A 50/60Hz O/P: DC 9V 500mA			

#### Note:

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

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2. CH 01 – CH 11 for 802.11b, 802.11g, 802.11n(20MHz) CH 03 – CH 09 for 802.11n(40MHz)

#### **Channel List**

Gildiller Elet							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	80	2447	11	2462
03	2422	06	2437	09	2452		

#### 3. Table for Filed Antenna

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)	Length	Note
1	<u>RF link</u>	RF21C00139A	Dipole	N/A	5.16	230mm	TX/RX
2	<u>RF link</u>	RF21C00138A	Dipole	N/A	5.28	160mm	TX/RX

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 =  $G_{ANT}$ , that is Directional gain=5.28dBi

4.

Operating Mode  TX Mode	1TX	2TX
802.11b	V (ANT 1 or ANT 2)	-
802.11g	V (ANT 1 or ANT 2)	-
802.11n(20MHz)	-	V (ANT 1 + ANT 2
802.11n(40MHz)	-	V (ANT 1 + ANT 2)

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#### 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 B MODE CHANNEL 01/06/11
Mode 2	TX G MODE CHANNEL 01/06/11
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09
Mode 5	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 5	TX Mode	

For Radiated Test				
Final Test Mode	Description			
Mode 1	TX B MODE CHANNEL 01/06/11			
Mode 2	TX G MODE CHANNEL 01/06/11			
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11			
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09			

#### Note:

(1) The measurements are performed at the high, middle, low available channels.

(2) 802.11b mode: DBPSK (1Mbps)

802.11g mode: OFDM (6Mbps)

802.11n HT20 mode : BPSK (13Mbps) 802.11n HT40 mode : BPSK (27Mbps)

For radiated emission tests, the highest output powers were set for final test.

(3) The EUT was pre-tested on positioned of each 3 axis. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.

(4) For radiated below 1G test, the 802.11b is found to be the worst case and recorded.

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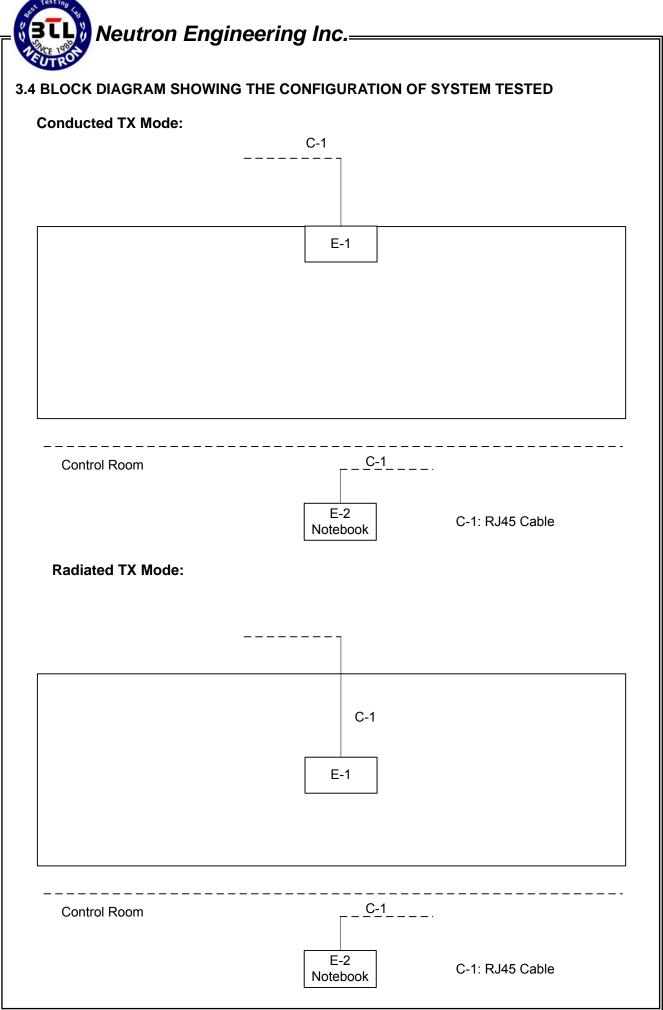
#### 3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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 power parameters of WLAN

Test software version	MP_TEST		
Frequency	2412 MHz	2437 MHz	2462 MHz
IEEE 802.11b DSSS	33	33	33
IEEE 802.11g OFDM	39	39	39

Test software version	MP_TEST			
Frequency (MHz)	2412 MHz	2437 MHz	2462 MHz	
IEEE 802.11n (20MHz)	37	38	38	
Frequency (MHz)	2422 MHz	2437 MHz	2452 MHz	
IEEE 802.11n (40MHz)	43	44	44	

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#### 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	Series No.	Note
E-1	AC750 Wireless Dual Band Router	netis	WF2710	T58WF2710 R	N/A	EUT
E-2	Notebook	hp	HP520	DOC	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	NO	10m	

#### Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in m in <code>"Length\_"</code> column.

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#### 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
TREQUENCT (MITZ)	Quasi-peak	Average	Quasi-peak	Average	Stariuaru
0.15 -0.5	79.00	66.00	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

ľ	tem	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
	1	LISN	EMCO	3816/2	00052765	Apr. 25, 2014
	2	LISN	R&S	ENV216	100087	Nov. 09, 2014
	3	Test Cable	N/A	C_17	N/A	Mar.15, 2014
	4	EMI TEST RECEIVER	R&S	ESCS30	826547/022	Apr. 25, 2014
	5	50Ω Terminator	SHX	TF2-3G-A	08122902	Apr. 25, 2014

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

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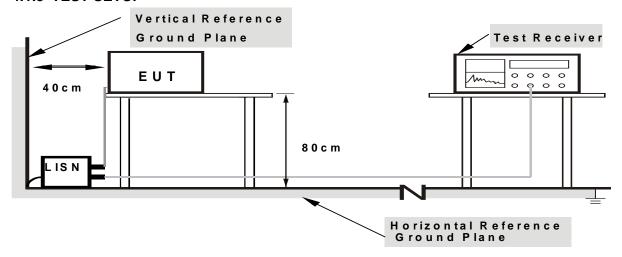
#### 4.1.3 TEST PROCEDURE

- 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 fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

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#### 4.1.7 TEST RESULTS

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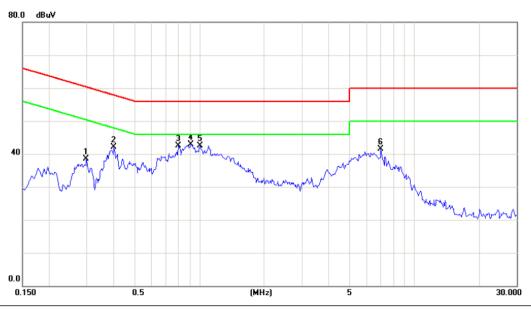
(1) All readings are QP Mode value unless otherwise stated AVG in column of Note. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a " \* " marked in AVG Mode column of Interference Voltage Measured.

(	(2)	) Measuring	frequency	range from	150KHz to	30MHz.
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EUT:	AC750 Wireless Dual Band Router	Model Name:	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	55 %
Test Power:	AC 120V/60Hz	Phase:	Line
Test Mode :	TX Mode		

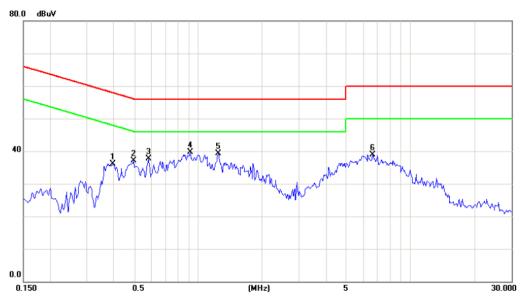


1	No. M	lk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
			MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
	1		0.2983	28.86	9.57	38.43	60.29	-21.86	peak	
	2		0.4000	32.58	9.58	42.16	57.85	-15.69	peak	
	3		0.7983	32.84	9.58	42.42	56.00	-13.58	peak	
	4 *		0.9154	33.36	9.58	42.94	56.00	-13.06	peak	
	5		1.0054	33.00	9.58	42.58	56.00	-13.42	peak	
	6		6.9881	31.86	9.65	41.51	60.00	-18.49	peak	
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EUT:	AC750 Wireless Dual Band Router	Model Name:	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	55 %
Test Power:	AC 120V/60Hz	Phase:	Neutral
Test Mode :	TX Mode		



No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.3960	26.64	9.56	36.20	57.94	-21.74	peak	
2	0.4974	27.46	9.57	37.03	56.04	-19.01	peak	
3	0.5835	28.18	9.57	37.75	56.00	-18.25	peak	
4 *	0.9193	30.12	9.59	39.71	56.00	-16.29	peak	
5	1.2476	29.72	9.59	39.31	56.00	-16.69	peak	
6	6.6562	29.18	9.72	38.90	60.00	-21.10	peak	

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#### 4.2 RADIATED EMISSION MEASUREMENT

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

20dBc 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.

Frequencies	Field Strength	Measurement Distance	
(MHz)	(micorvolts/meter)	(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 3m)		
FREQUENCT (MITZ)	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).

Spectrum Parameter	Setting	
Attenuation	Auto	
Start Frequency	1000 MHz	
Stop Frequency	10th carrier harmonic	
RB / VB	ANNUE / ANNUE for Dook A MUE / ANUE for Average	
(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

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#### 4.2.2 MEASUREMENT INSTRUMENTS LIST ANS SETTING

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Apr. 25, 2014
2	Amplifier	HP	8447D	2944A09673	Apr. 25, 2014
3	Test Receiver	R&S	ESCI	100382	Apr. 25, 2014
4	Test Cable	N/A	C-01_CB03	N/A	Jul. 02, 2014
5	Antenna	ETS	3115	00075789	Apr. 25, 2014
6	Amplifier	Agilent	8449B	3008A02274	Apr. 25, 2014
7	Spectrum	Agilent	E4408B	US39240143	Nov. 09, 2014
8	Test Cable	HUBER+SUHNER	C-45	N/A	Apr. 30, 2014
9	Controller	СТ	SC100	N/A	N/A
10	Horn Antenna	EMCO	3115	9605-4803	Apr. 25, 2014
11	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Apr. 25, 2014
12	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Oct. 22, 2014

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

All calibration period of equipment list is one year.

#### 4.2.3 TEST PROCEDURE

- a. 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.(below 1GHz)
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- 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

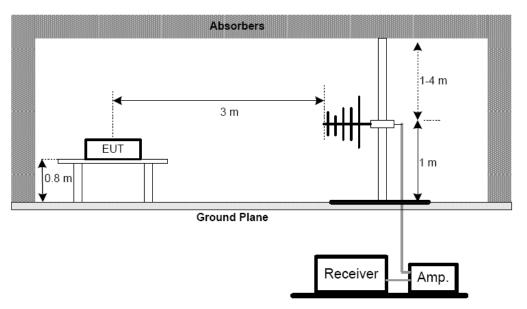
No deviation

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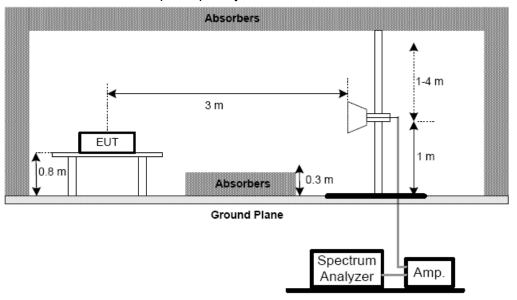


#### 4.2.5 TEST SETUP

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



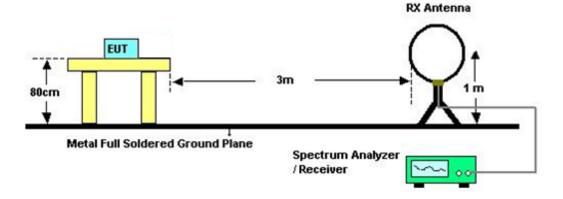
(B) Radiated Emission Test Set-Up Frequency Above 1 GHz



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(C) For radiated emissions below 30MHz



#### **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.

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#### 4.2.7 TEST RESULTS (BELOW 30MHZ)

IFUI.	AC750 Wireless Dual Band Router	Model Name:	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	55 %
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX B MODE CHANNEL 01		

Freq.	Ant.	Reading(RA)	Corr.Factor(CF)	Measured(FS)	Limits(QP)	Margin	
(MHz)	0°/90°	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	Note
0.0088	0°	25.31	24.30	49.61	128.71	-79.10	AVG
0.0088	0°	29.55	24.30	53.85	148.71	-94.86	PK
0.0251	0°	21.34	23.98	45.32	119.60	-74.29	AVG
0.0251	0°	24.42	23.98	48.40	139.60	-91.21	PK
0.0383	0°	21.24	23.14	44.38	115.93	-71.55	AVG
0.0383	0°	24.73	23.14	47.87	135.93	-88.06	PK
0.0676	0°	18.73	22.05	40.78	111.01	-70.23	AVG
0.0676	0°	23.42	22.05	45.47	131.01	-85.54	PK
0.2637	0°	20.78	20.37	41.15	99.18	-58.03	AVG
0.2637	0°	22.74	20.37	43.11	119.18	-76.07	PK
1.4736	0°	27.34	19.55	46.89	64.24	-17.34	QP

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
0.0092	90°	19.12	24.30	43.42	128.30	-84.88	AVG
0.0092	90°	20.45	24.30	44.75	148.30	-103.55	PK
0.0228	90°	15.24	24.13	39.37	120.46	-81.10	AVG
0.0228	90°	17.96	24.13	42.09	140.46	-98.38	PK
0.0464	90°	18.75	22.63	41.38	114.28	-72.90	AVG
0.0464	90°	21.64	22.63	44.27	134.28	-90.01	PK
0.0775	90°	21.37	21.85	43.22	109.82	-66.60	AVG
0.0775	90°	22.53	21.85	44.38	129.82	-85.44	PK
0.3754	90°	21.58	20.10	41.68	96.12	-54.44	AVG
0.3754	90°	24.89	20.10	44.99	116.12	-71.13	PK
1.6864	90°	25.47	19.53	45.00	63.07	-18.06	QP

#### Remark:

- (1) The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
- (2) Distance extrapolation factor = 40 log (specific distance / test distance) (dB);.
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor.

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#### **4.2.8 TEST RESULTS (BETWEEN 30 – 1000 MHZ)**

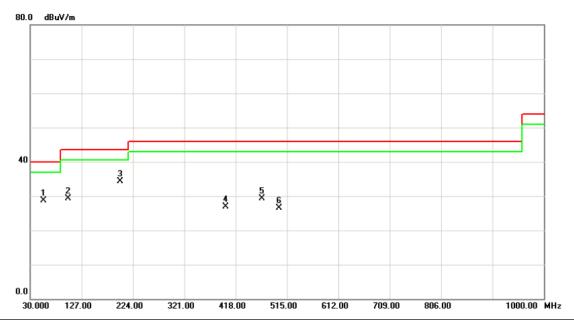
#### Remark:

- (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 <code>『Note』</code>. 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.

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FUI.	AC750 Wireless Dual Band Router	Model Name:	WF2710	
Temperature:	<b>24</b> ℃	Relative Humidity:	54 %	
Test Voltage:	AC 120V/60Hz	Polarization:	Vertical	
Test Mode:	TX B MODE CHANNEL 01			

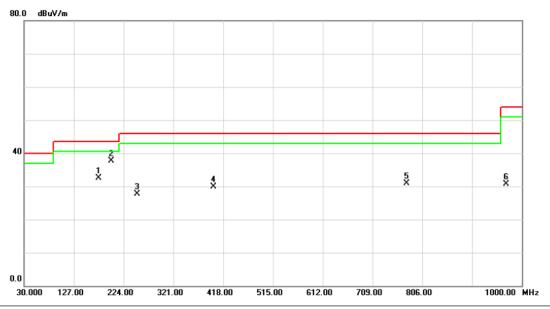


	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
_			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
_	1		55.2200	43.46	-14.85	28.61	40.00	-11.39	peak	
_	2		101.7800	45.20	-15.96	29.24	43.50	-14.26	peak	
_	3	*	199.7500	49.44	-15.18	34.26	43.50	-9.24	peak	
	4		399.5700	36.74	-9.89	26.85	46.00	-19.15	peak	
	5		467.4700	38.75	-9.41	29.34	46.00	-16.66	peak	
	6		500.4500	36.79	-10.31	26.48	46.00	-19.52	peak	
_										

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F   J   '	AC750 Wireless Dual Band Router	Model Name:	WF2710		
Temperature:	<b>24</b> ℃	Relative Humidity:	54 %		
Test Voltage:	AC 120V/60Hz	Polarization:	Horizontal		
Test Mode:	TX B MODE CHANNEL 01				

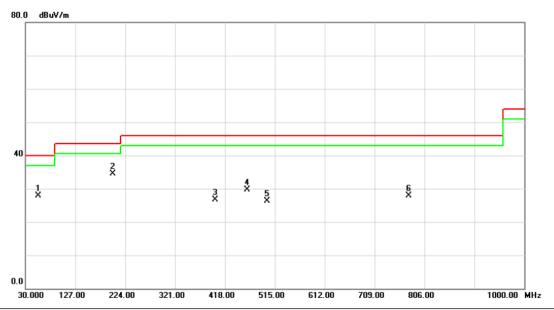


No	. M	lk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		17	75.5000	45.22	-12.79	32.43	43.50	-11.07	peak	
2	*	19	99.7500	52.91	-15.18	37.73	43.50	-5.77	peak	
3		25	50.1900	42.59	-14.97	27.62	46.00	-18.38	peak	
4		39	99.5700	39.86	-9.89	29.97	46.00	-16.03	peak	
5		77	74.9600	34.84	-4.01	30.83	46.00	-15.17	peak	
6		96	68.9600	30.94	-0.23	30.71	54.00	-23.29	peak	

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FUI.	AC750 Wireless Dual Band Router	Model Name:	WF2710	
Temperature:	<b>24</b> ℃	Relative Humidity:	54 %	
Test Voltage:	AC 120V/60Hz	Polarization:	Vertical	
Test Mode:	TX B MODE CHANNEL 06			

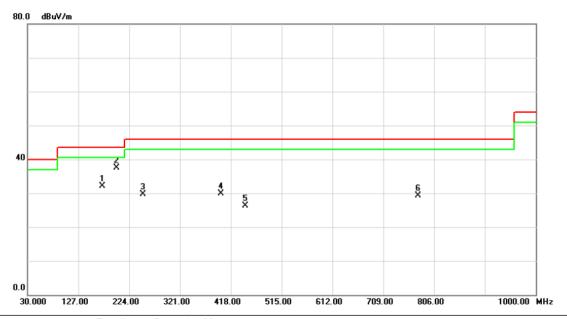


No.	Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		55.2200	42.71	-14.85	27.86	40.00	-12.14	peak	
2	*	199.7500	49.71	-15.18	34.53	43.50	-8.97	peak	
3		399.5700	36.55	-9.89	26.66	46.00	-19.34	peak	
4		460.6800	38.98	-9.21	29.77	46.00	-16.23	peak	
5		500.4500	36.60	-10.31	26.29	46.00	-19.71	peak	
6		774.9600	31.91	-4.01	27.90	46.00	-18.10	peak	

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IFUI'	AC750 Wireless Dual Band Router	Model Name:	WF2710	
Temperature:	<b>24</b> ℃	Relative Humidity:	54 %	
Test Voltage:	AC 120V/60Hz	Polarization:	Horizontal	
Test Mode:	TX B MODE CHANNEL 06			

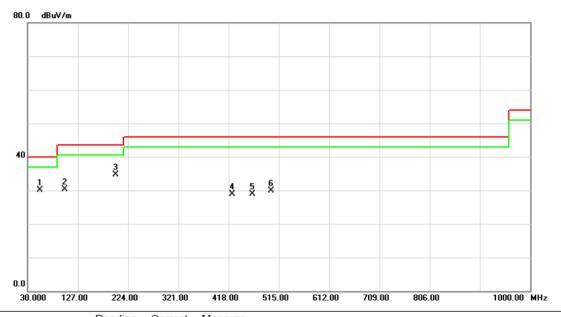


	No.	Mk.	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
			MHz	dBu∨	dB	dBuV/m	dBuV/m	dB	Detector	Comment
_	1		172.5900	44.94	-12.75	32.19	43.50	-11.31	peak	
_	2	*	199.7500	52.70	-15.18	37.52	43.50	-5.98	peak	
_	3		250.1900	44.58	-14.97	29.61	46.00	-16.39	peak	
_	4		399.5700	39.82	-9.89	29.93	46.00	-16.07	peak	
_	5		446.1300	35.26	-8.99	26.27	46.00	-19.73	peak	
_	6		774.9600	33.28	-4.01	29.27	46.00	-16.73	peak	
_										

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IFUI'	AC750 Wireless Dual Band Router	Model Name:	WF2710		
Temperature:	<b>24</b> ℃	Relative Humidity:	54 %		
Test Voltage:	AC 120V/60Hz	Polarization:	Vertical		
Test Mode:	TX B MODE CHANNEL 11				

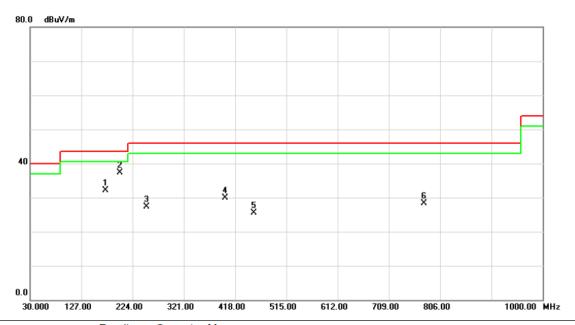


	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
_			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
	1		53.2800	44.79	-14.71	30.08	40.00	-9.92	peak	
_	2	1	01.7800	46.21	-15.96	30.25	43.50	-13.25	peak	
-	3	* 1	99.7500	49.88	-15.18	34.70	43.50	-8.80	peak	
-	4	4	24.7900	38.23	-9.39	28.84	46.00	-17.16	peak	
-	5	4	63.5900	38.16	-9.30	28.86	46.00	-17.14	peak	
_	6	5	00.4500	40.23	-10.31	29.92	46.00	-16.08	peak	
_										

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<b>-</b>	AC750 Wireless Dual Band Router	Model Name:	WF2710		
Temperature:	<b>24</b> ℃	Relative Humidity:	54 %		
Test Voltage:	AC 120V/60Hz	Polarization:	Horizontal		
Test Mode:	TX B MODE CHANNEL 11				



	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
	1		172.5900	44.80	-12.75	32.05	43.50	-11.45	peak	
	2	*	199.7500	52.39	-15.18	37.21	43.50	-6.29	peak	
_	3		250.1900	42.26	-14.97	27.29	46.00	-18.71	peak	
_	4		399.5700	39.76	-9.89	29.87	46.00	-16.13	peak	
_	5		452.9200	34.50	-8.99	25.51	46.00	-20.49	peak	
	6		774.9600	32.38	-4.01	28.37	46.00	-17.63	peak	
_										

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#### 4.2.9 TEST RESULTS (ABOVE 1000 MHZ)

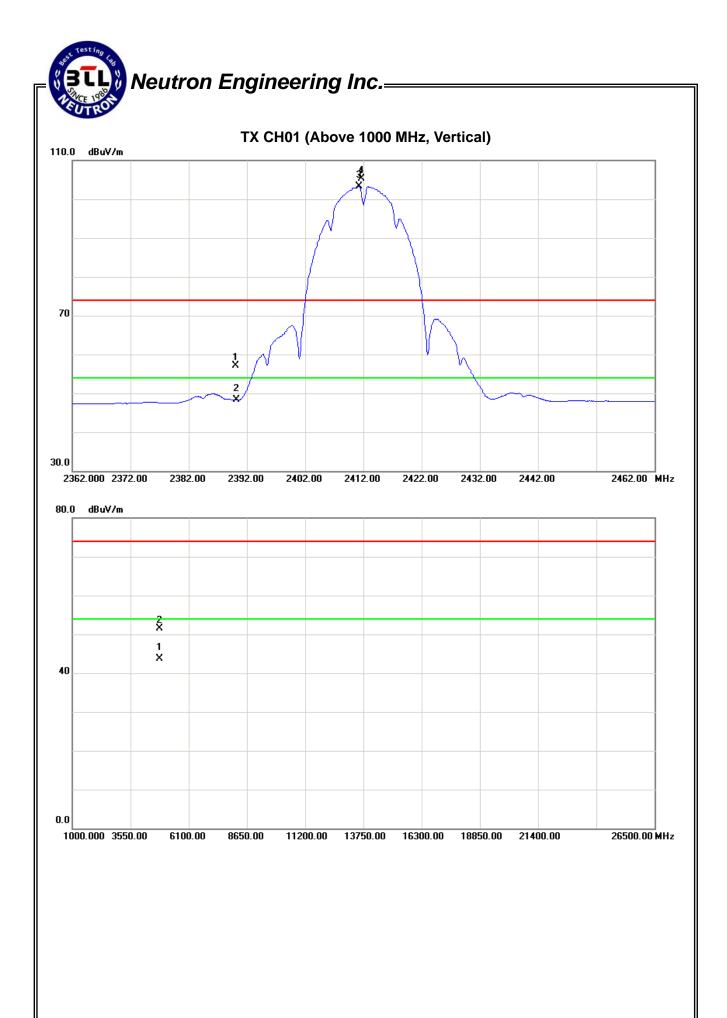
IFUI.	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE 2412MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		
i ieq.	AHLIF OI.	Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	V	23.09	14.24	34.09	57.18	48.33	74.00	54.00	X/E
2411.60	V	71.09	69.21	34.16	105.25	103.37			X/F
4823.99	V	45.17	37.33	6.43	51.60	43.76	74.00	54.00	X/H

#### Remark:

- (1) 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.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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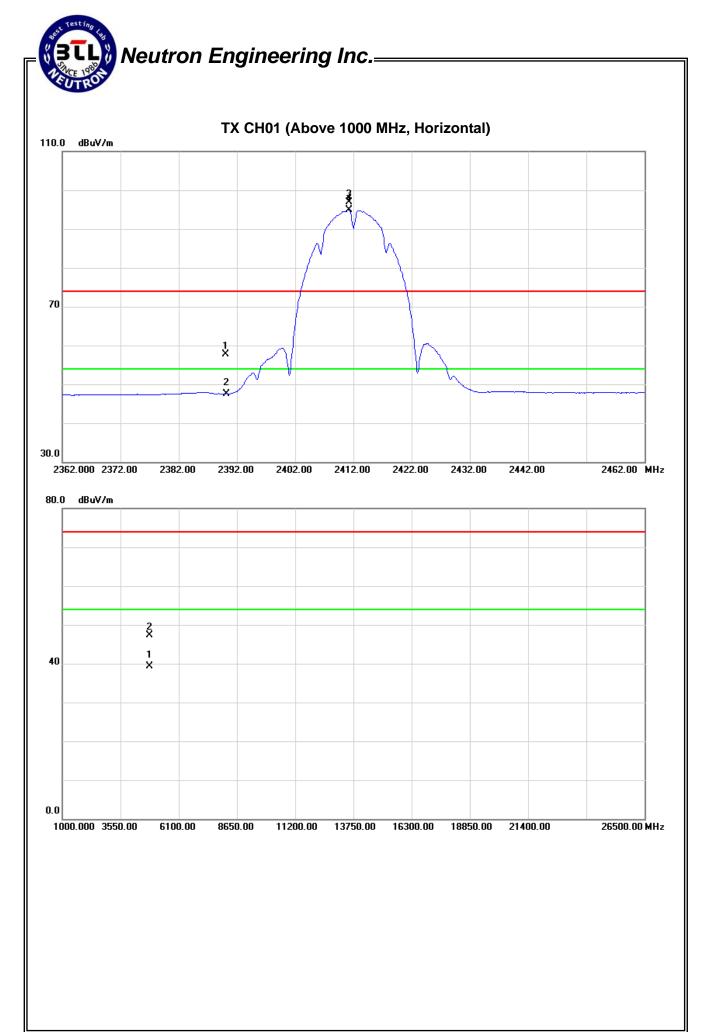
IFUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710	
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %	
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz	
Test Mode :	TX B MODE 2412MHz			

Freq. A	Ant.Pol.	Rea	ading Ant./CF		Act.		Limit		
i ieq.	AHLE OI.	Peak	AV	KIII./O	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	Н	23.64	13.49	34.09	57.73	47.58	74.00	54.00	X/E
2411.20	Н	62.67	60.81	34.16	96.83	94.97			X/F
4824.02	Н	40.82	32.94	6.43	47.25	39.37	74.00	54.00	X/H

#### Remark:

- (1) 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.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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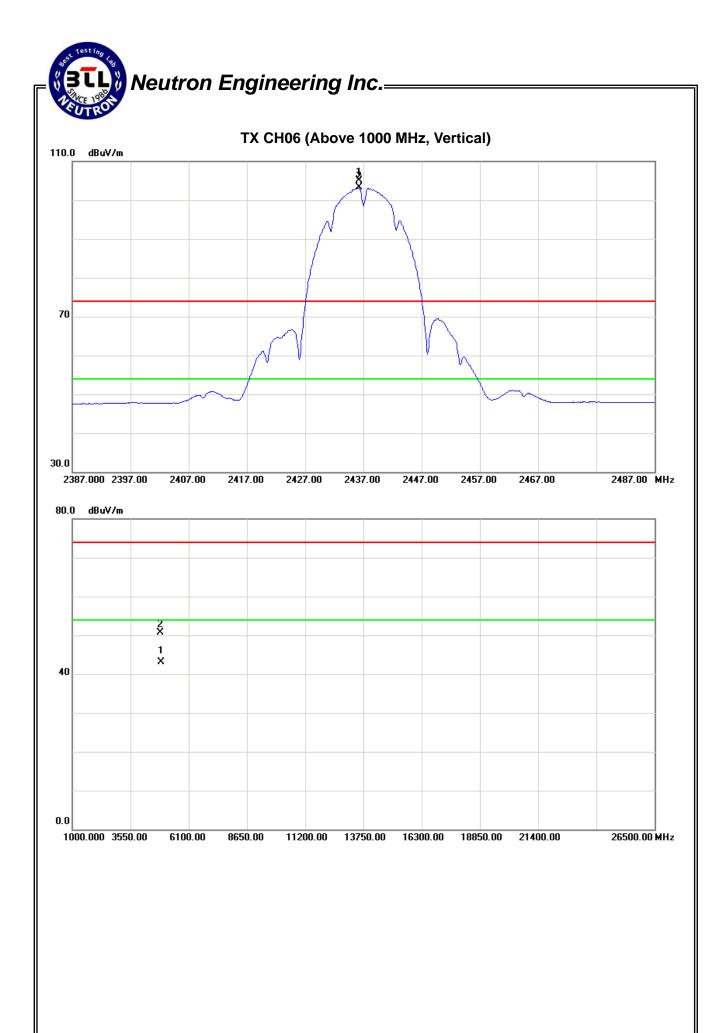
IF() '	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE 2437MHz		

Freq.	Ant.Pol.	Rea	ding	Ant./CF	Act.		Limit		
rieq.	AHL.FUI.	Peak	AV	AIIL./OF	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2436.20	V	70.87	69.00	34.23	105.10	103.23			X/F
4874.19	V	44.13	36.59	6.58	50.71	43.17	74.00	54.00	X/H

#### Remark:

- (1) 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.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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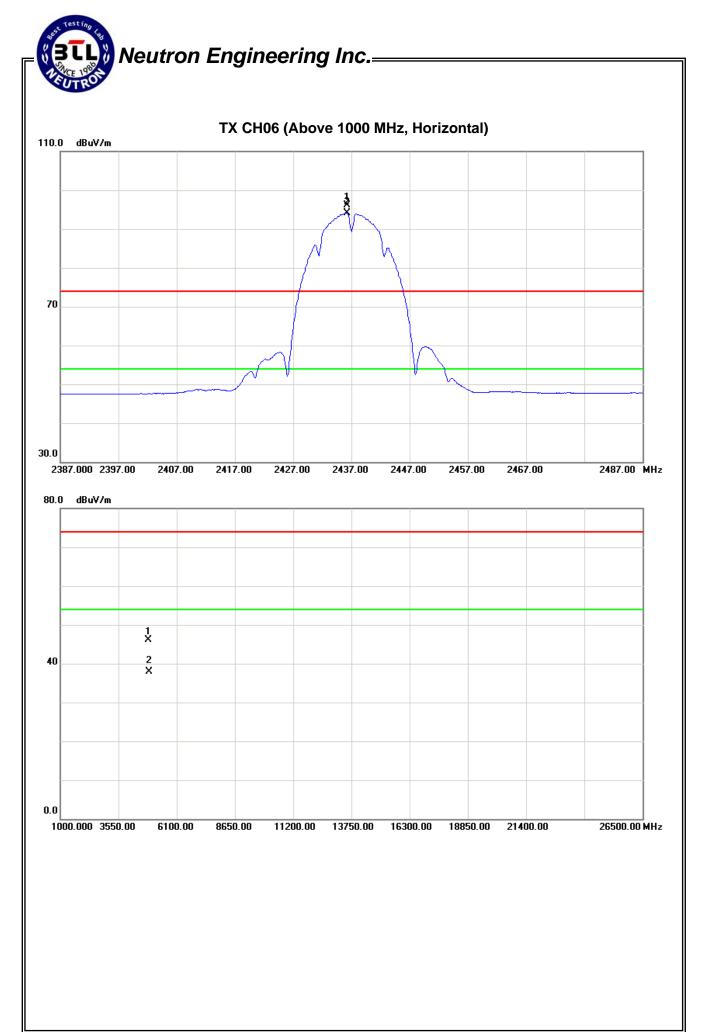


IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE 2437MHz		

Freq. Ant.Pol.	Ant Dol	Ant Bol Read		Ant./CF	Act.		Limit		
	Peak	AV	Ant./OF	Peak	AV	Peak	AV	Note	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2436.20	Н	61.86	59.95	34.23	96.09	94.18			X/F
4874.02	Н	39.58	31.28	6.58	46.16	37.86	74.00	54.00	X/H

- (1) 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.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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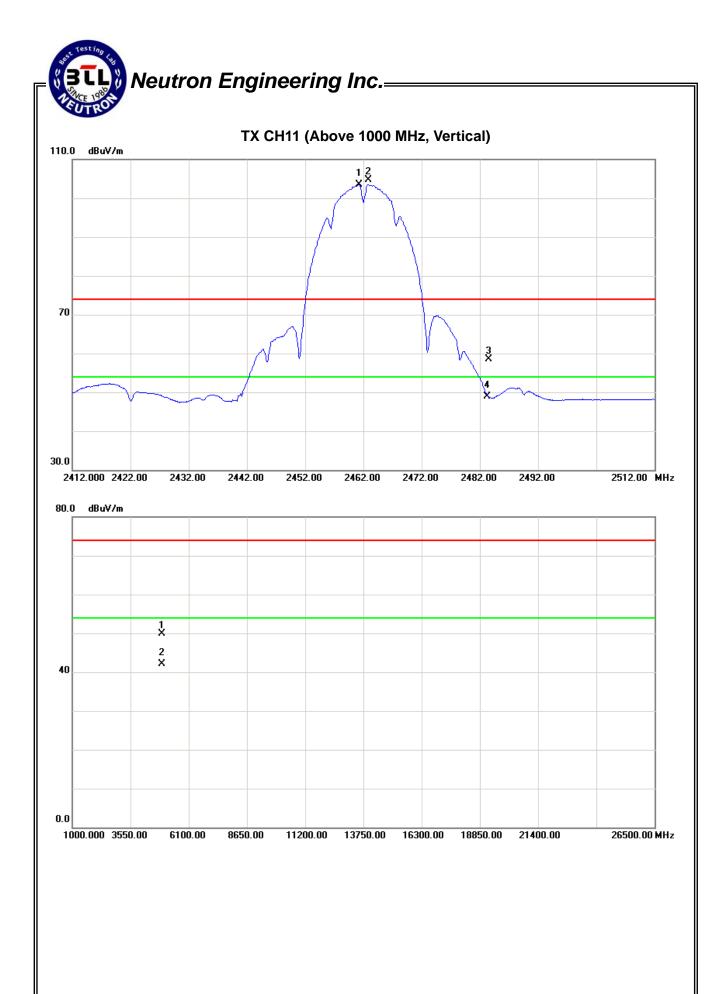


HUI.	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE 2462MHz		

Freq. Ant.Pol.	Reading		Ant./CF	Act.		Lir			
rieq.	AIIL.FUI.	Peak	AV	KIII./G	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2462.90	V	70.30	69.21	34.31	104.61	103.52			X/F
2483.50	V	24.08	14.57	34.37	58.45	48.94	74.00	54.00	X/E
4924.12	V	43.18	35.29	6.72	49.90	42.01	74.00	54.00	X/H

- (1) 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.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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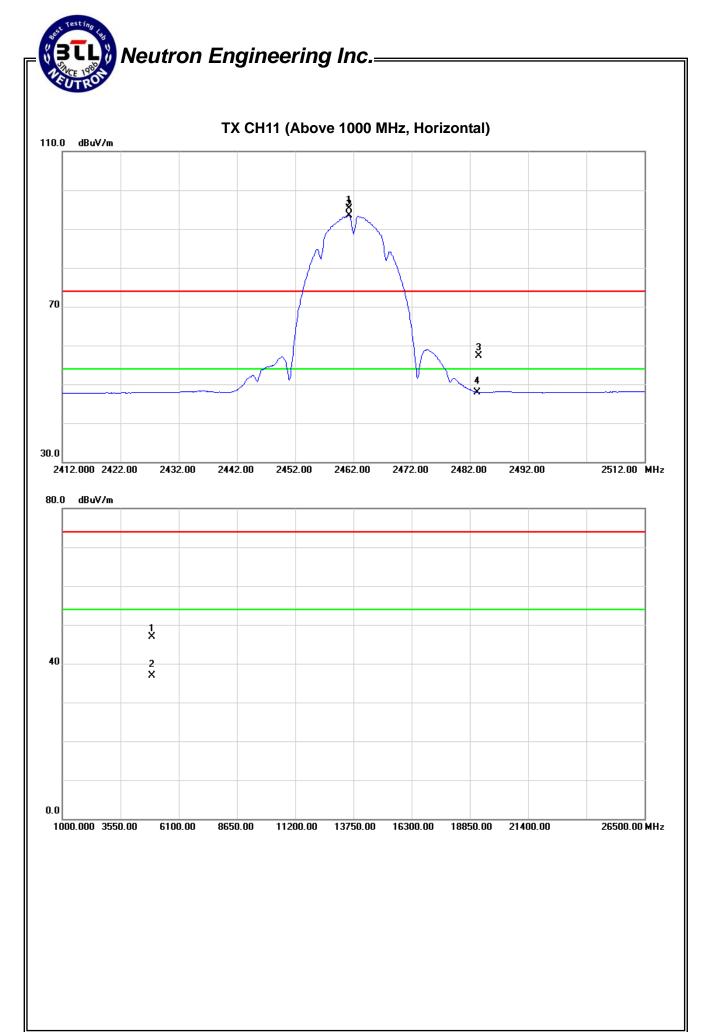


IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE 2462MHz		

Freq. Ant.Po	Ant.Pol.	Reading		Ant./CF	Act.		Lir		
rieq.	AIIL.FUI.	Peak	AV	KIII./G	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2461.20	Н	61.06	59.23	34.31	95.37	93.54			X/F
2483.50	Н	22.97	13.47	34.37	57.34	47.84	74.00	54.00	X/E
4924.20	Н	40.22	30.13	6.72	46.94	36.85	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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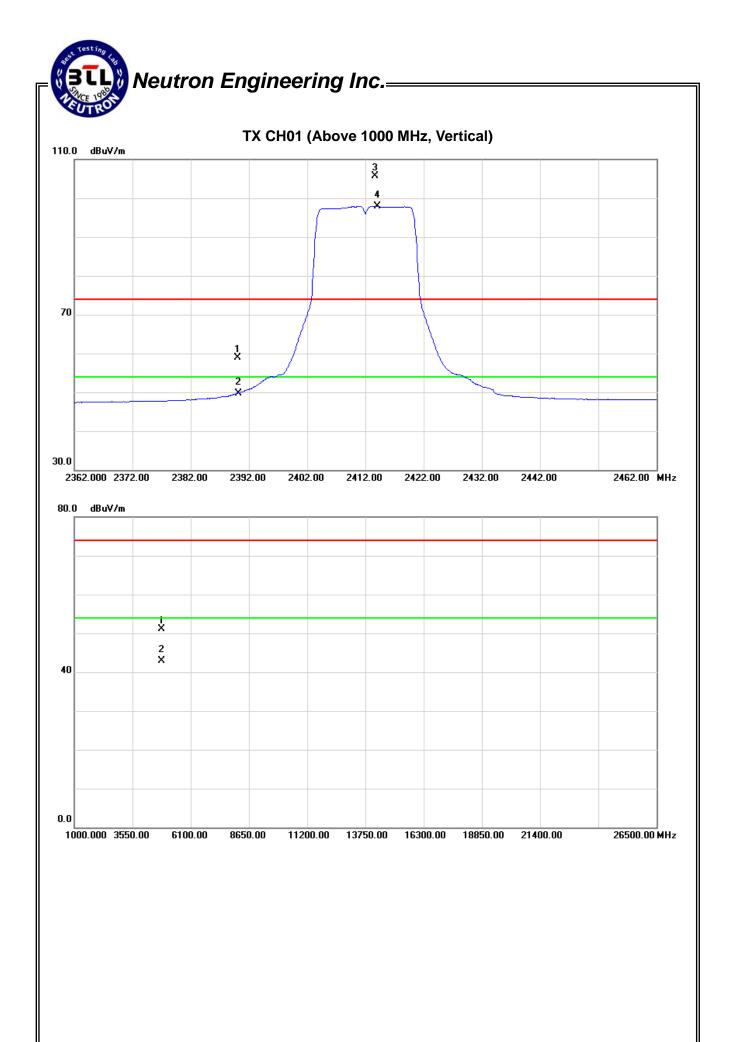


IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE 2412MHz		

Freq. Ant.F	Ant.Pol.	Ant Pol Read	ding Ant./CF		Act.		Limit		
i ieq.	AIIL.FOI.	Peak	AV	Ant./Oi	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	V	24.90	15.64	34.09	58.99	49.73	74.00	54.00	X/E
2413.60	V	71.48	63.77	34.16	105.64	97.93			X/F
4824.07	V	44.68	36.53	6.43	51.11	42.96	74.00	54.00	X/H

- (1) 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.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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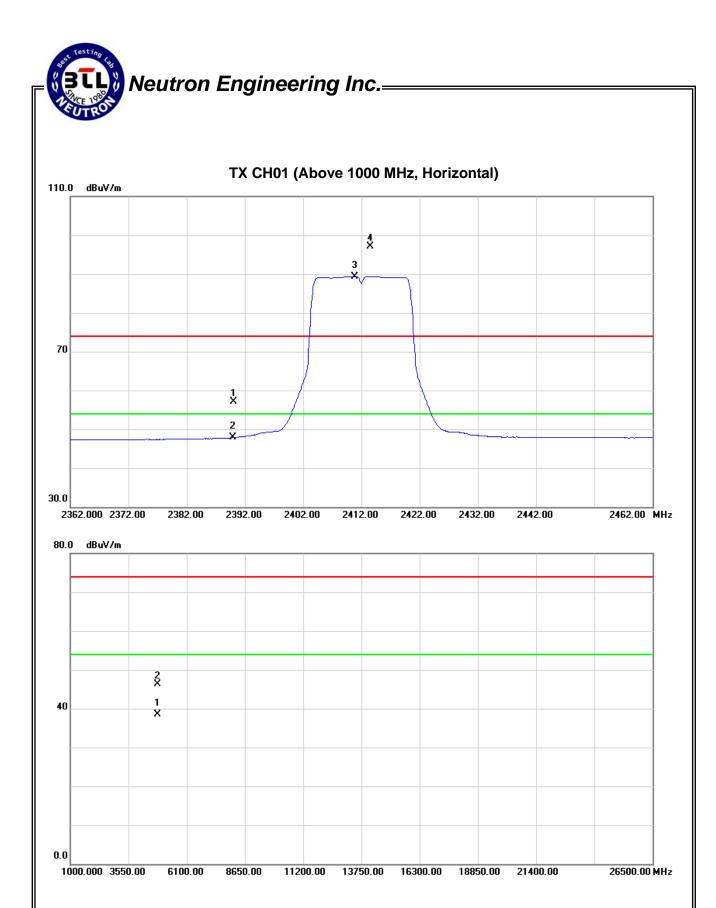


IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710	
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %	
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz	
Test Mode :	TX G MODE 2412MHz			

Freg. Ant.P		nt.Pol. Reading		Ant./CF	Ad	Act.		Limit		
глец.	AIIL.FUI.	Peak	AV	Ant./Or	Peak	AV	Peak	AV	Note	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)		
2390.00	Н	23.07	13.82	34.09	57.16	47.91	74.00	54.00	X/E	
2413.50	Н	62.98	55.24	34.16	97.14	89.40			X/F	
4824.10	Η	39.86	32.16	6.43	46.29	38.59	74.00	54.00	X/H	

- (1) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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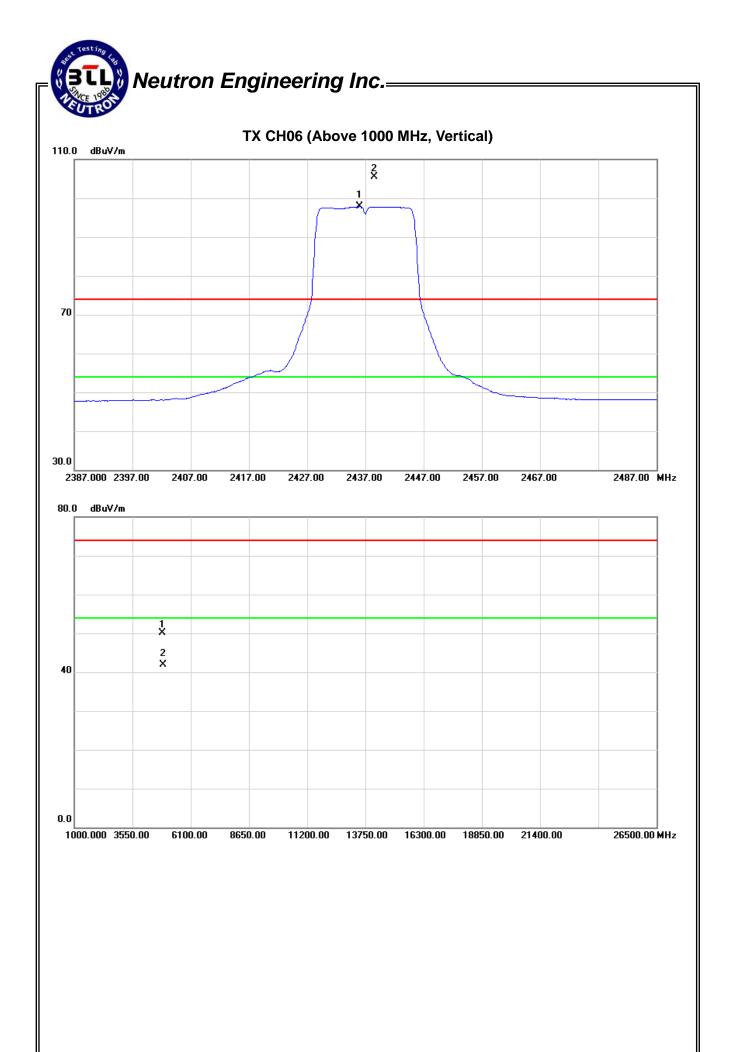


IFUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE 2437MHz		

Freq. Ant.Pol.	Ant Dol	Rea	Reading Ant./CF		Act.		Limit		
	Ant.Foi.	Peak	AV	Ant./OF	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2438.50	٧	71.31	63.58	34.23	105.54	97.81			X/F
4874.16	V	43.59	35.28	6.58	50.17	41.86	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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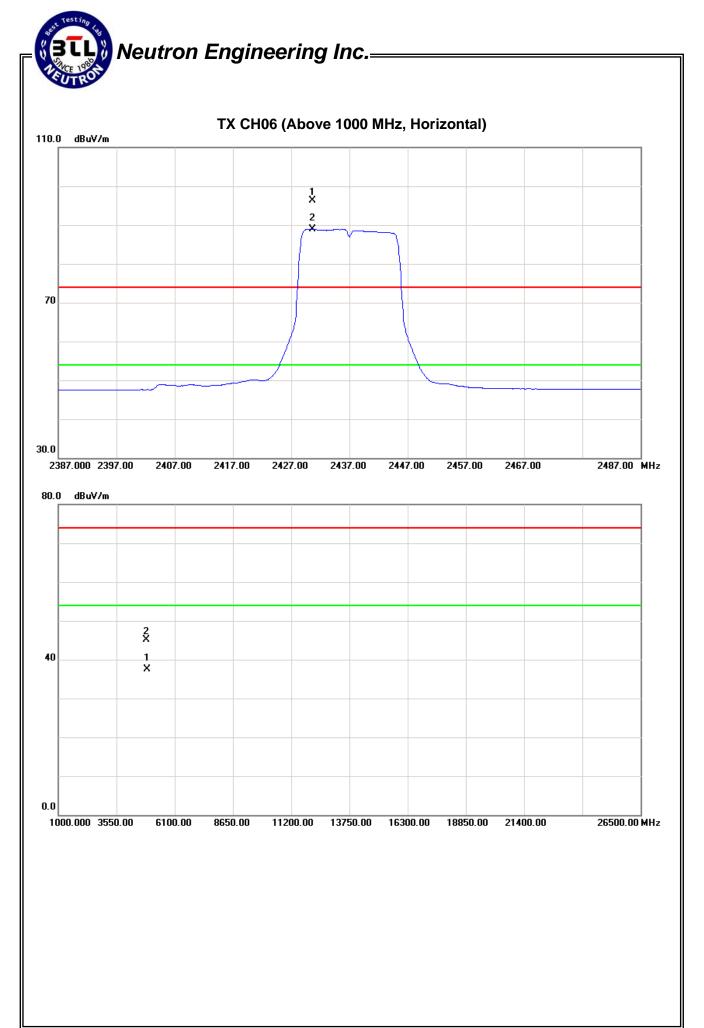


IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE 2437MHz		

Freq. Ant.Pol	Ant Dal	Rea	ading Ant./CF		Act.		Limit		
	AIIL.FUI.	Peak	AV	Ant./OF	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2430.60	Н	62.06	54.71	34.21	96.27	88.92			X/F
4874.24	Н	38.57	30.86	6.58	45.15	37.44	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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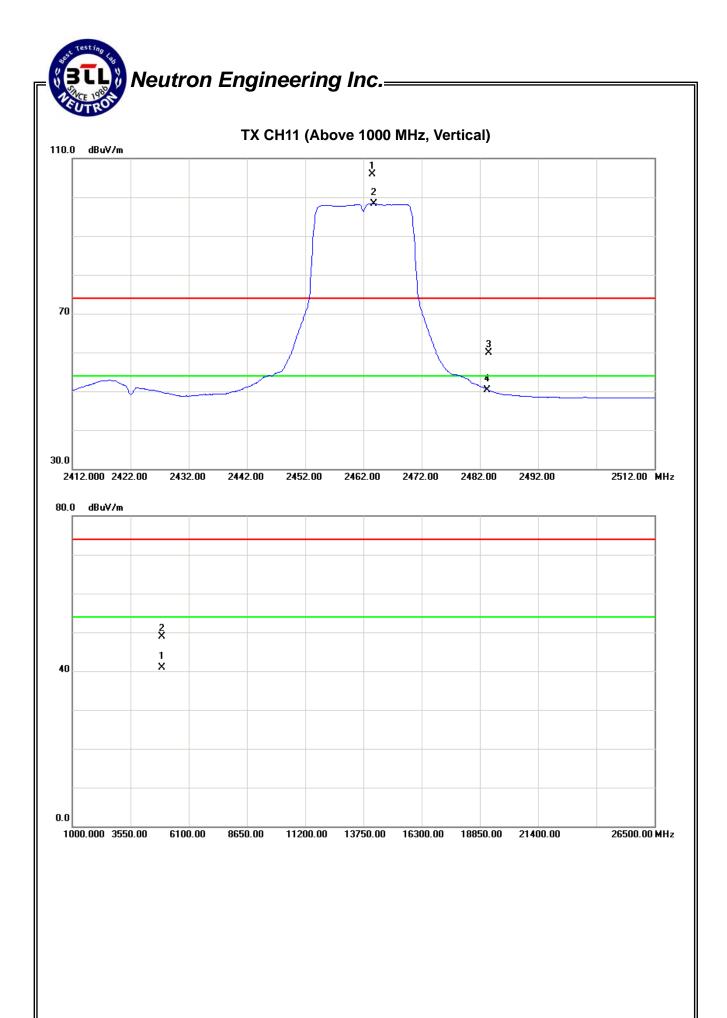


IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE 2462MHz		

Freq. Ant.Pol	Ant Dol	Reading		Ant./CF	Act.		Limit		
rieq.	AIIL.FUI.	Peak	AV	KIII./G	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2463.50	V	71.67	63.97	34.31	105.98	98.28			X/F
2483.50	V	25.62	15.89	34.37	59.99	50.26	74.00	54.00	X/E
4924.18	V	42.26	34.13	6.72	48.98	40.85	74.00	54.00	X/H

- (1) 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.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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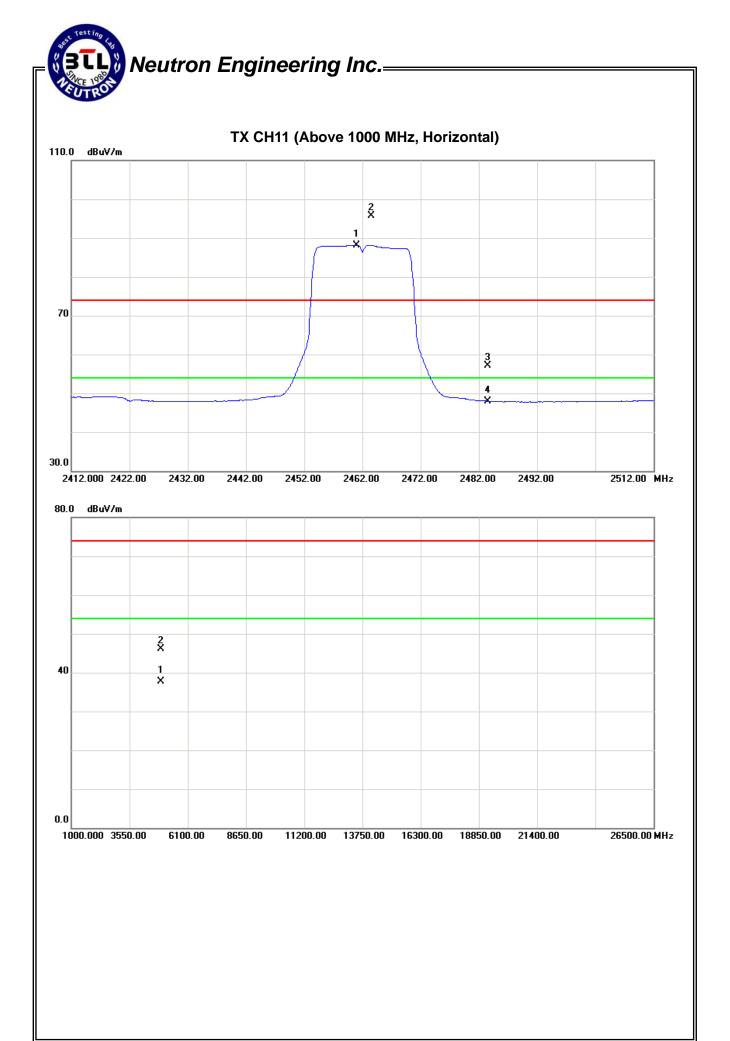


EUT:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE 2462MHz		

Freq. Ant.P	Ant.Pol.	Ant Pol Read	ding	Ant./CF	Act.		Limit		
rieq.	AIIL.FUI.	Peak	AV	KIII./G	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2463.50	Н	61.45	53.87	34.31	95.76	88.18			X/F
2483.50	Н	22.72	13.58	34.37	57.09	47.95	74.00	54.00	X/E
4924.17	Н	39.48	31.02	6.72	46.20	37.74	74.00	54.00	X/H

- (1) 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.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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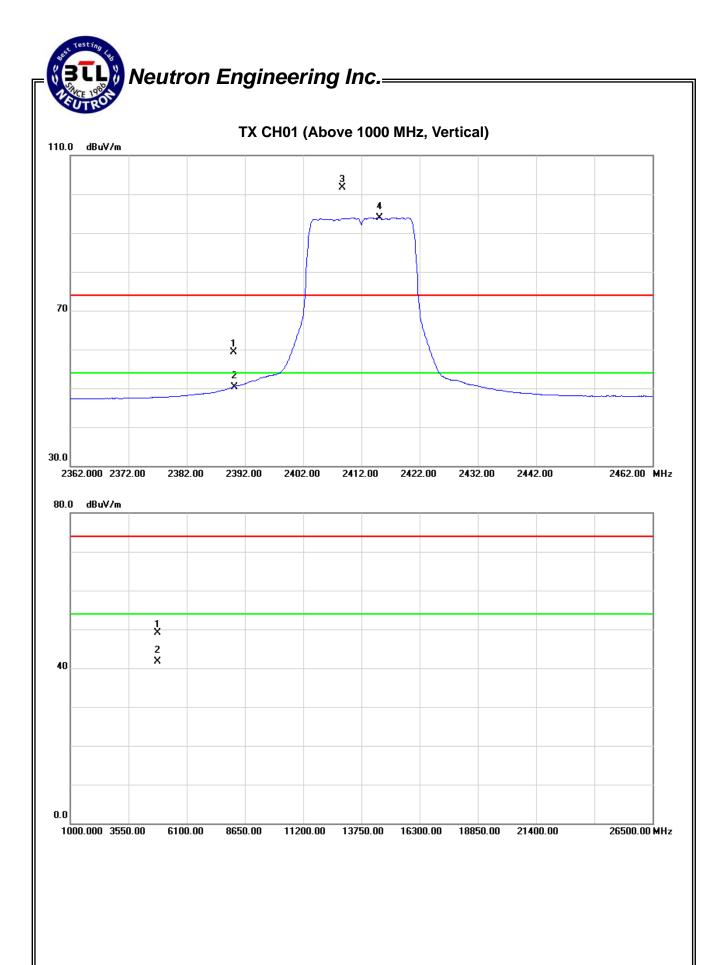


IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE 2412MHz		

Freq. Ant.Pol.	Ant Dol	Rea	ding	Ant./CF		Act.		Limit	
	Peak	AV	Ant./Or	Peak	AV	Peak	AV	Note	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	V	25.30	16.30	34.09	59.39	50.39	74.00	54.00	X/E
2408.70	V	67.49	59.76	34.14	101.63	93.90			X/F
4824.09	V	42.59	35.26	6.43	49.02	41.69	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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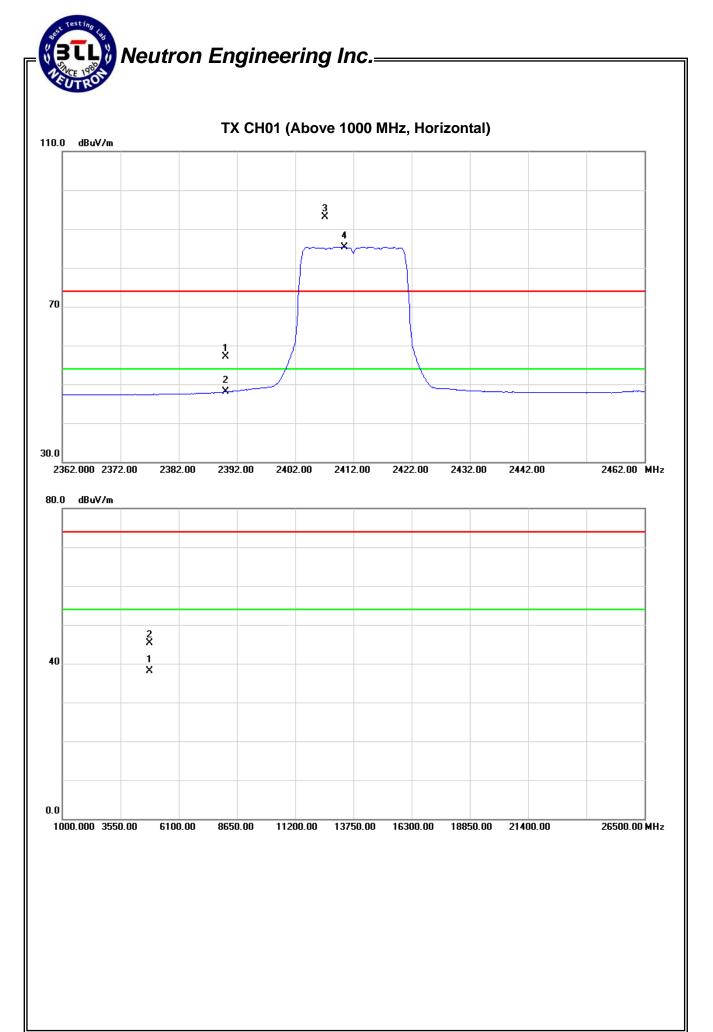


FUI.	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE 2412MHz		

Freq. An	Ant.Pol.	Reading		Ant./CF	Act.		Limit		
rieq.	Ant.Fu.	Peak	AV	Ant./OF	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	Н	22.96	13.99	34.09	57.05	48.08	74.00	54.00	X/E
2407.10	Н	59.05	51.24	34.14	93.19	85.38			X/F
4824.19	Н	38.79	31.58	6.43	45.22	38.01	74.00	54.00	X/H

- (1) 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.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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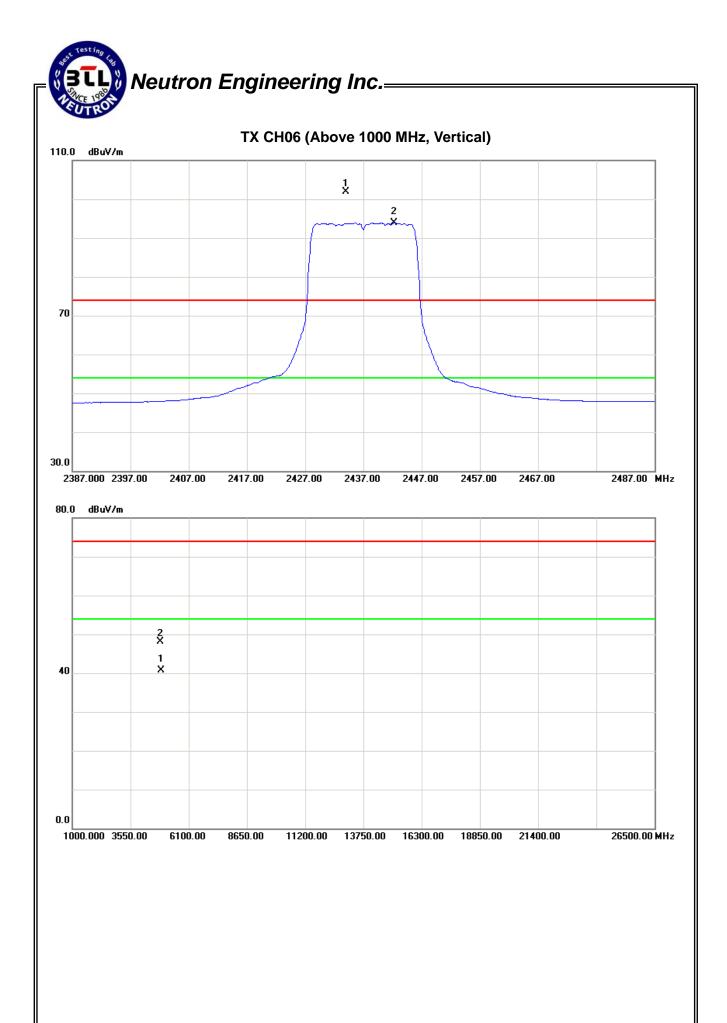


FIII.	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE 2437MHz		

Freq. Ant.Po	Ant.Pol.	Ant Bol Readii		Ant./CF	Act.		Limit		
i ieq.	AHL.FUI.	Peak	AV	Ant./O	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2434.00	V	67.67	59.59	34.22	101.89	93.81			X/F
4874.29	V	41.58	34.19	6.58	48.16	40.77	74.00	54.00	X/H

- (1) 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.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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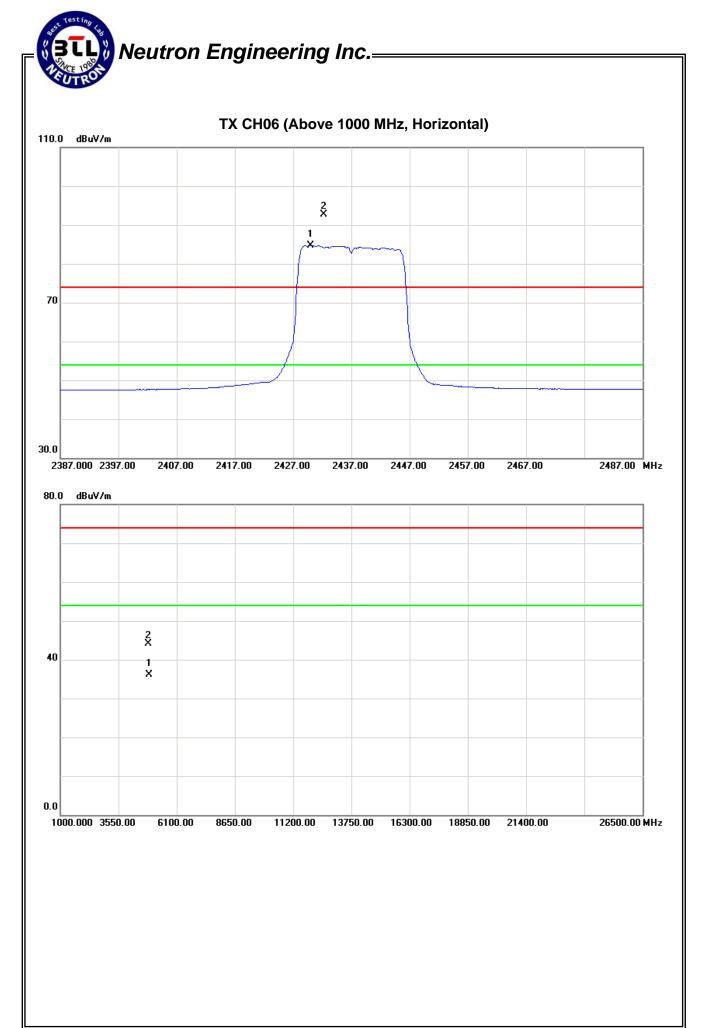


IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE 2437MHz		

Freq.	Ant.Pol.	Rea	ding	Ant./CF	Act.		Limit		
		Peak	AV	Ant./CF	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2432.20	Н	58.50	50.58	34.22	92.72	84.80			X/F
4874.09	Н	37.49	29.58	6.58	44.07	36.16	74.00	54.00	X/H

- (1) 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.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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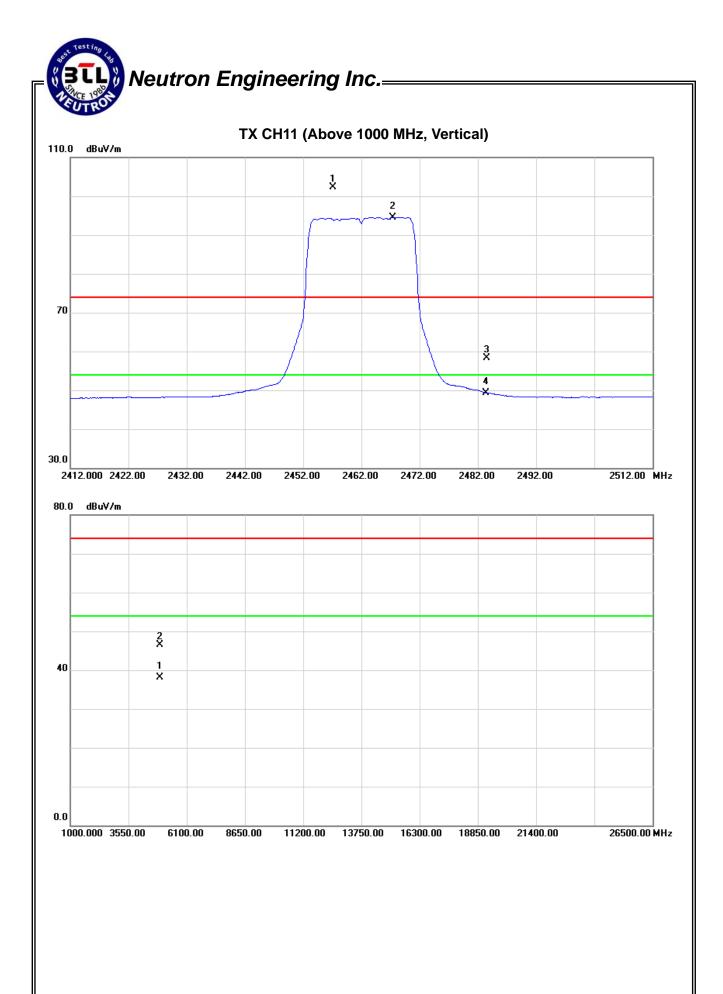


IFUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE 2462MHz		

Freq.	Ant.Pol.	Rea	Reading Ant./CF		Ad	Act.		Limit	
F164.		Peak	AV	Ant./Or	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2457.10	V	68.07	60.27	34.29	102.36	94.56			X/F
2483.50	V	24.03	15.02	34.37	58.40	49.39	74.00	54.00	X/E
4924.36	V	39.75	31.29	6.72	46.47	38.01	74.00	54.00	X/H

- (1) 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.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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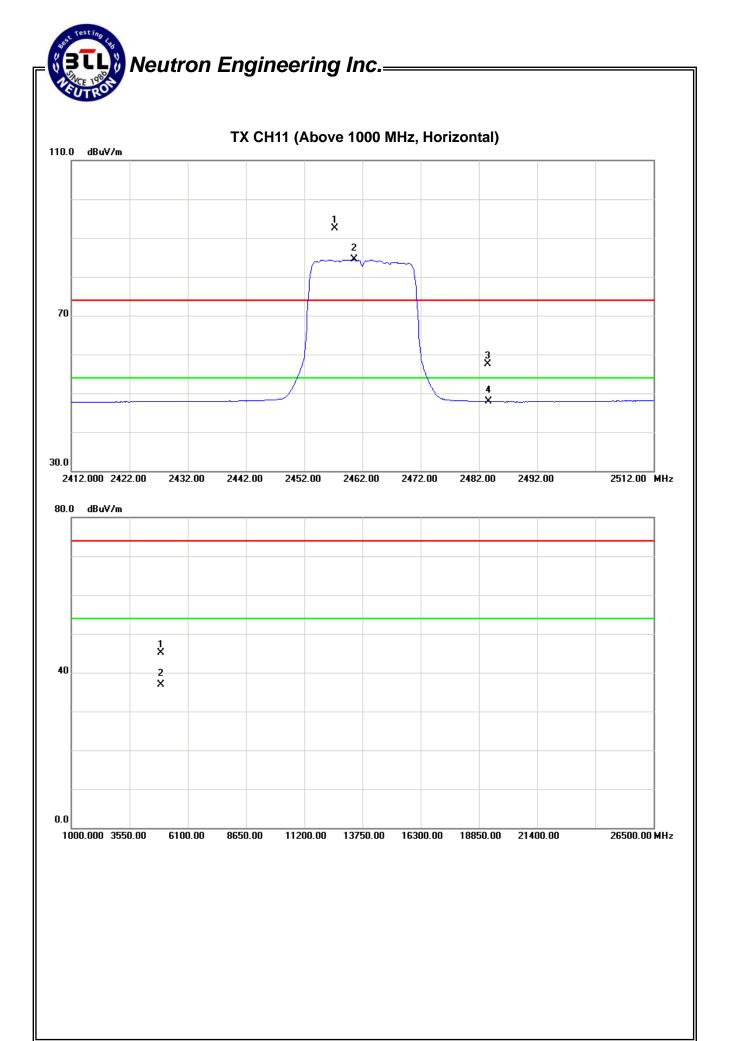


EUT:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	24 ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE 2462MHz		

Freq.	Ant.Pol.	Rea	Reading Ant./CF		Ad	Act.		Limit	
rieq.		Peak	AV	Ant./OF	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2457.20	Н	58.23	50.11	34.29	92.52	84.40			X/F
2483.50	Н	23.06	13.49	34.37	57.43	47.86	74.00	54.00	X/E
4924.15	Н	38.36	30.28	6.72	45.08	37.00	74.00	54.00	X/H

- (1) 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.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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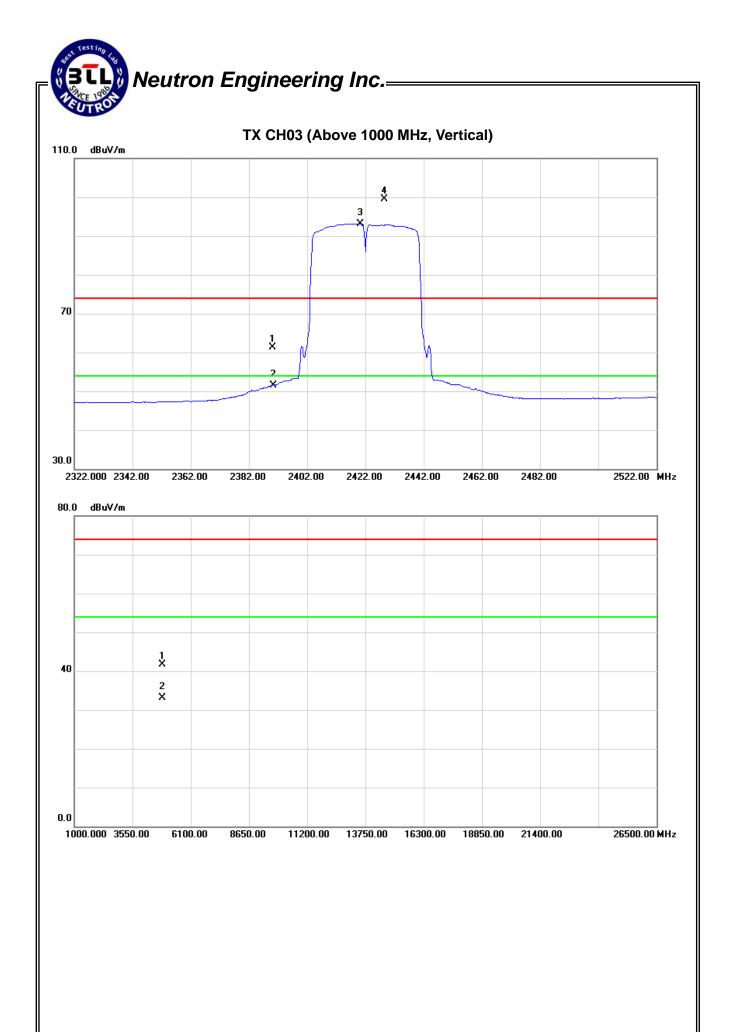


EUT:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	24 ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE 2422MHz		

Freq.	Ant.Pol.	Reading Ant./CF		Act.		Limit			
rieq.		Peak	AV	KIII./O	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	V	27.16	17.44	34.09	61.25	51.53	74.00	54.00	X/E
2428.60	V	65.26	58.97	34.21	99.47	93.18			X/F
4844.22	V	35.29	26.51	6.50	41.79	33.01	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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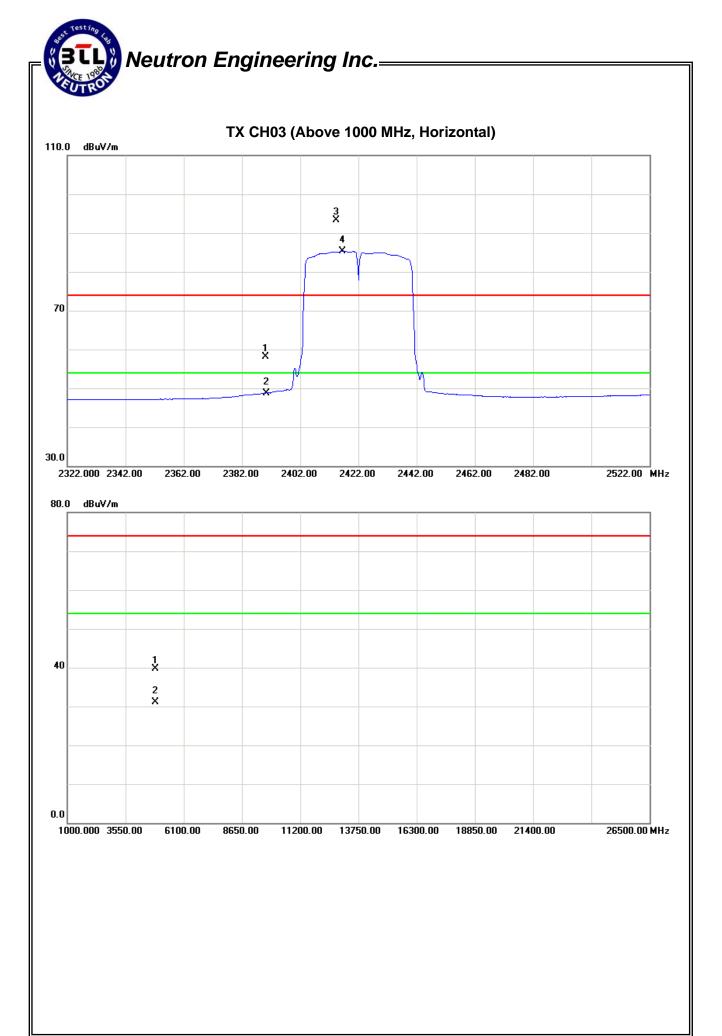


IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE 2422MHz		

	Freq.	Ant.Pol.	Reading Ant./CF		Ad	Act.		Limit		
rieq.	Ant.i Oi.	Peak	AV	Ant./O	Peak	AV	Peak	AV	Note	
	(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
	2390.00	Н	23.93	14.71	34.09	58.02	48.80	74.00	54.00	X/E
	2414.40	Н	59.13	51.11	34.16	93.29	85.27			X/F
	4844.12	Н	33.29	24.58	6.50	39.79	31.08	74.00	54.00	X/H

- (1) 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.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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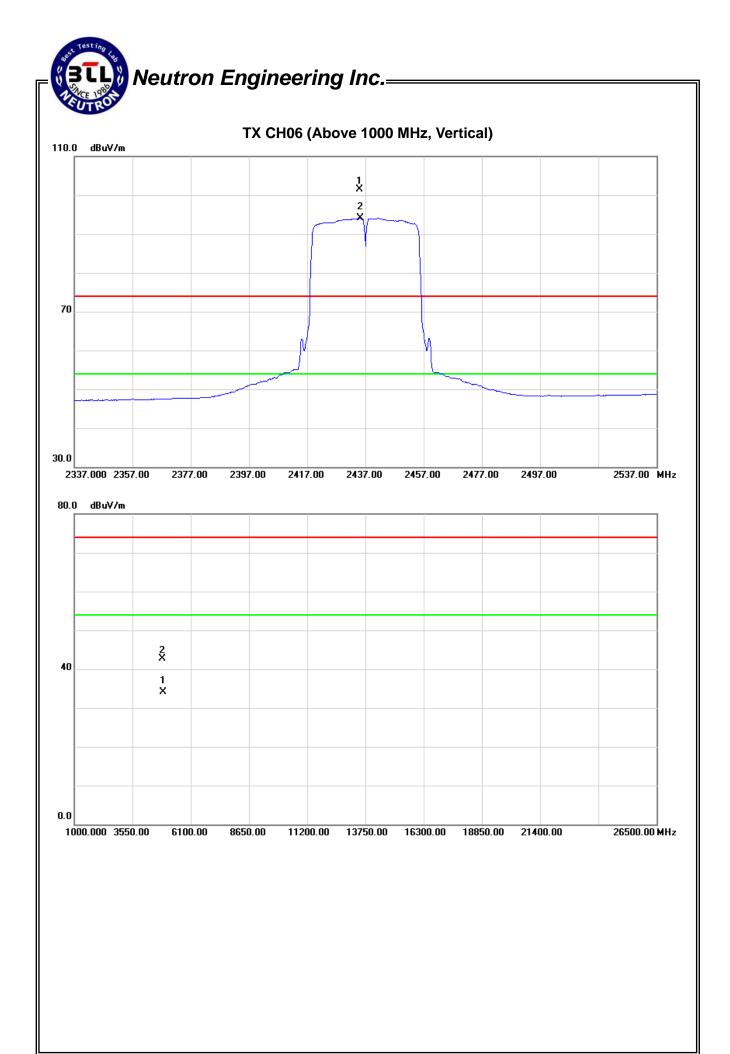


IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE 2437MHz		

Freq.	Ant.Pol.	Rea	ding Ant./CF		Act.		Limit		
		Peak	AV	AIIL./CF	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2435.00	٧	67.36	59.81	34.23	101.59	94.04			X/F
4874.18	V	36.19	27.44	6.58	42.77	34.02	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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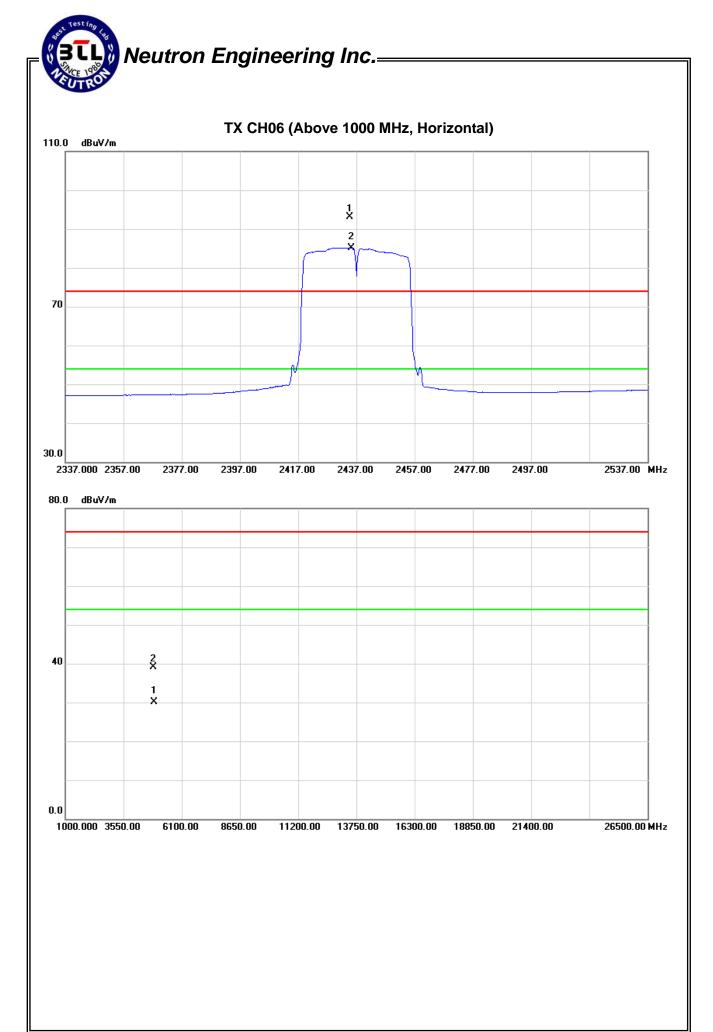
IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE 2437MHz		

Freq.	Ant.Pol.	Rea	ding	Ant./CF	Ad	ct.	Lir	nit	
i ieq.	AIIL.FUI.	Peak	AV	Ant./Oi	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2434.80	Н	58.88	50.95	34.23	93.11	85.18			X/F
4874.12	Н	32.58	23.61	6.58	39.16	30.19	74.00	54.00	X/H

#### Remark:

- (1) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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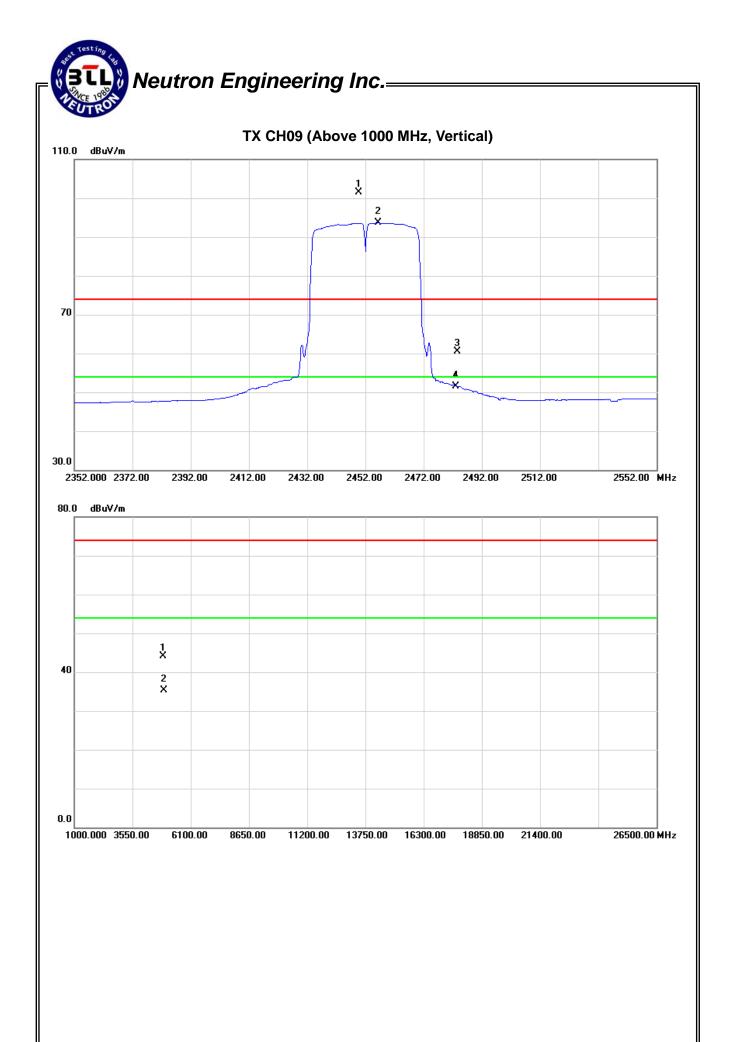
IF() [.	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	24 ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE 2452MHz		

Freq.	Ant.Pol.	Rea	ding	Ant./CF	Ad	ct.	Lir	nit	
rieq.	AIIL.FUI.	Peak	AV	Ant./O	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2449.80	V	67.21	59.35	24.27	91.48	83.62			X/F
2483.50	V	26.10	17.21	34.37	60.47	51.58	74.00	54.00	X/E
4904.15	V	37.42	28.64	6.67	44.09	35.31	74.00	54.00	X/H

#### Remark:

- (1) 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.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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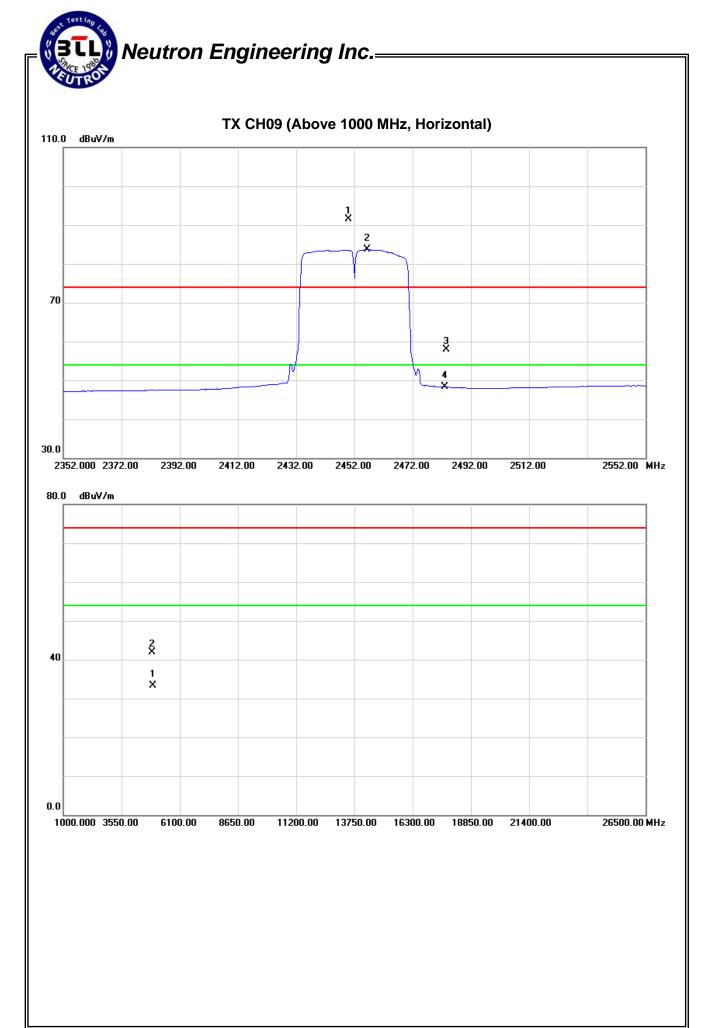
IF() [.	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE 2452MHz		

Freq.	Ant.Pol.	Rea	ding	Ant./CF	Ad	ct.	Lir	nit	
гтец.	AIIL.FUI.	Peak	AV	KIII./G	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2450.00	Н	57.32	49.35	34.27	91.59	83.62			X/F
2483.50	Н	23.49	13.87	34.37	57.86	48.24	74.00	54.00	X/E
4904.16	Н	35.18	26.54	6.67	41.85	33.21	74.00	54.00	X/H

#### Remark:

- (1) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
  - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

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# 5. BANDWIDTH TEST

5.1 Applied procedures / limit

FCC Part15 (15.247) , Subpart C					
(	Section	Test Item	Frequency Range (MHz)	Result	
15.	247(a)(2)	Bandwidth	2400-2483.5	PASS	

#### **5.1.1 MEASUREMENT INSTRUMENTS LIST**

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov.09.2014

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

All calibration period of equipment list is one year.

# **5.1.2 TEST PROCEDURE**

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW= 100KHz, VBW=300KHz, Sweep time = 2.5 ms.

#### **5.1.3 DEVIATION FROM STANDARD**

No deviation.

# 5.1.4 TEST SETUP

EUT	SPECTRUM
	ANALYZER

# **5.1.5 EUT OPERATION CONDITIONS**

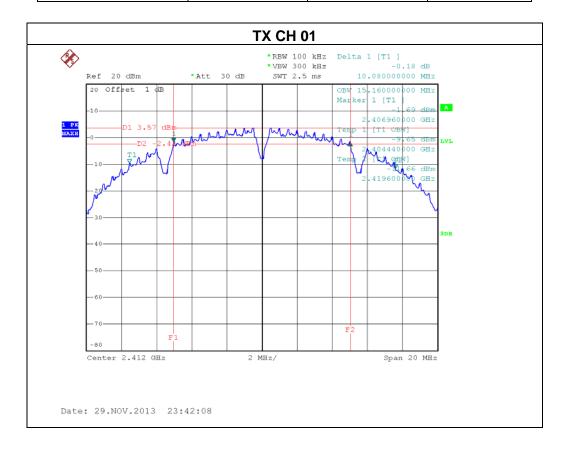
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

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# **5.1.6 TEST RESULTS**

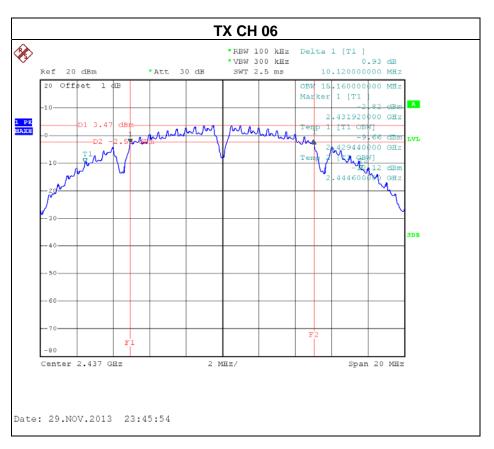
IF() [.	AC750 Wireless Dual Band Router	Model Name. :	WF2710		
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %		
Pressure:	1016 hPa	Test Voltage : AC 120V/60Hz			
Test Mode :	TX B MODE /CH01, CH06, CH11				

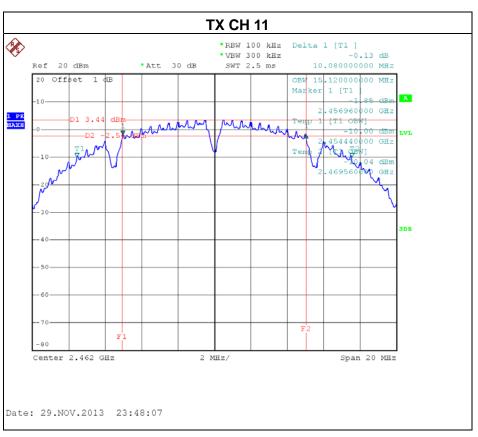
Test Channel	Frequency (MHz)	Bandwidth (MHz)	Result
CH01	2412	10.08	PASS
CH06	2437	10.12	PASS
CH11	2462	10.08	PASS



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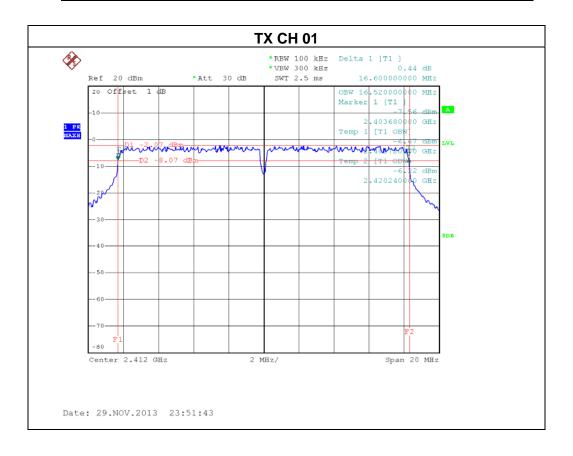






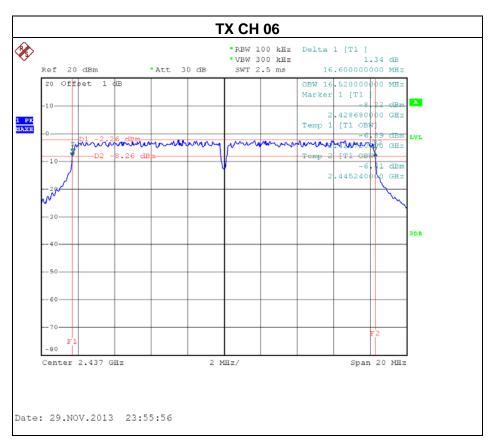
IHUI:	AC750 Wireless Dual Band Router	Model Name. :	WF2710		
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %		
Pressure:	1016 hPa	1016 hPa Test Voltage :			
Test Mode :	TX G MODE /CH01, CH06, CH11				

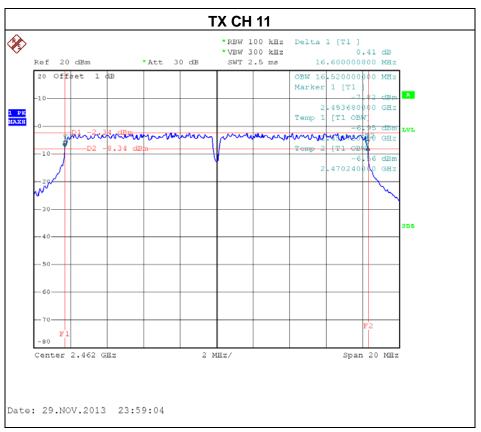
Test Channel	Frequency (MHz)	Bandwidth (MHz)	Result
CH01	2412	16.60	PASS
CH06	2437	16.60	PASS
CH11	2462	16.60	PASS



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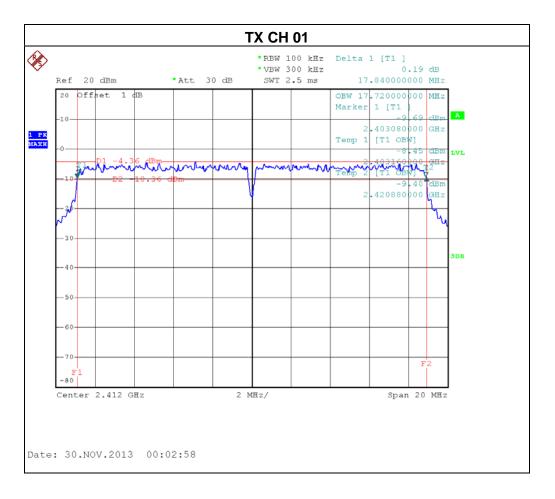






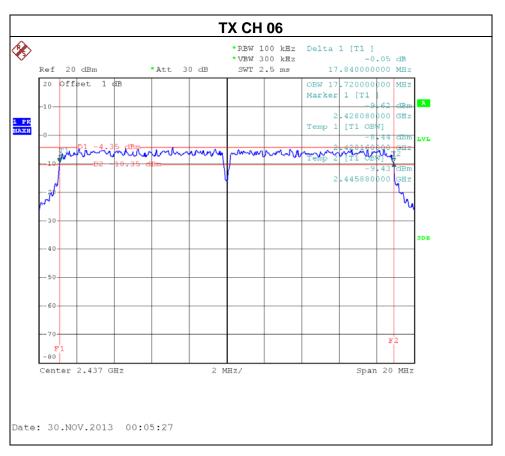
IF()   '	AC750 Wireless Dual Band Router	Model Name. :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode:	TX N MODE -20MHz/ CH01, CH06, CH11-ANT 1		

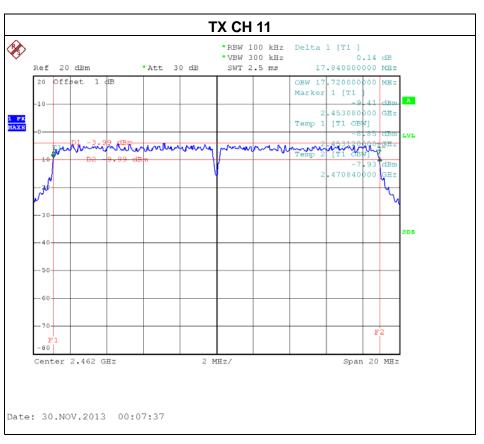
Test Channel	Frequency (MHz)	Bandwidth (MHz)	Result
CH01	2412	17.84	PASS
CH06	2437	17.84	PASS
CH11	2462	17.84	PASS



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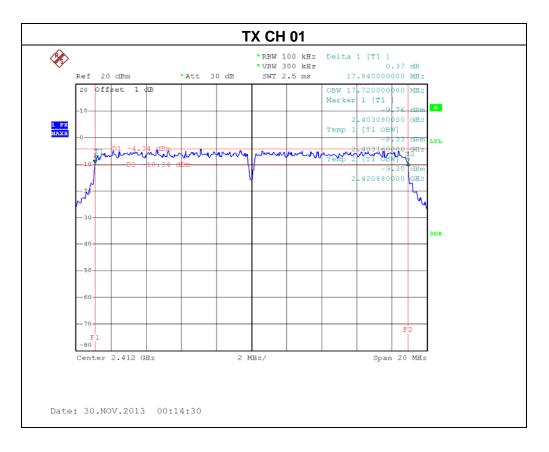






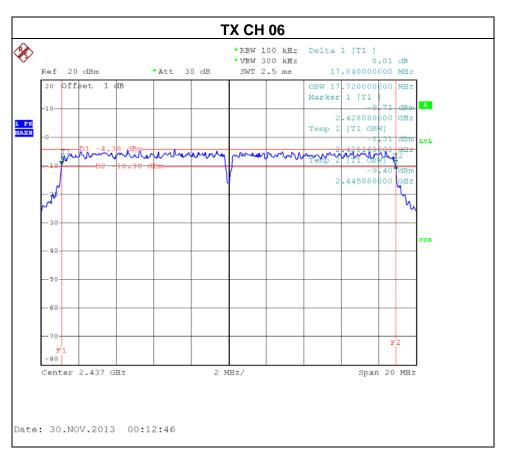
IF() [.	AC750 Wireless Dual Band Router	Model Name. :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa Test Voltage: AC 120V/60Hz		AC 120V/60Hz
Test Mode :	TX N MODE -20MHz/ CH01, CH06, CH11-ANT 2		

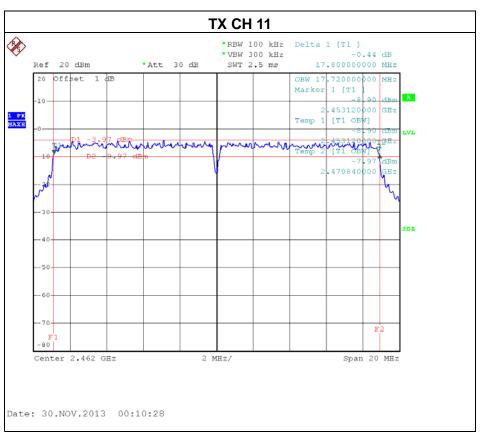
Test Channel	Frequency (MHz)	Bandwidth (MHz)	Result
CH01	2412	17.84	PASS
CH06	2437	17.84	PASS
CH11	2462	17.84	PASS



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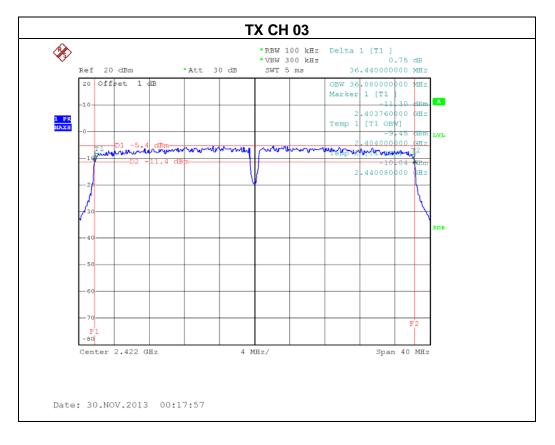






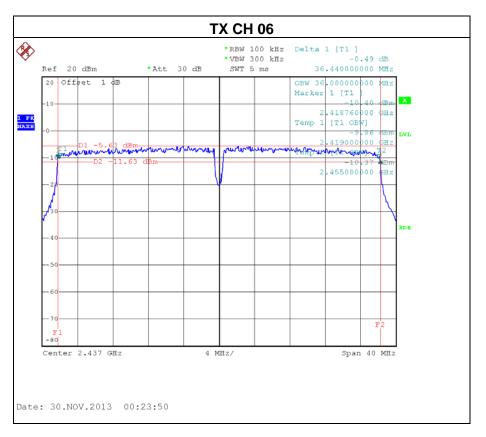
IHUI:	AC750 Wireless Dual Band Router	Model Name. :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N MODE -40MHz/ CH03, CH06, CH09-ANT 1		

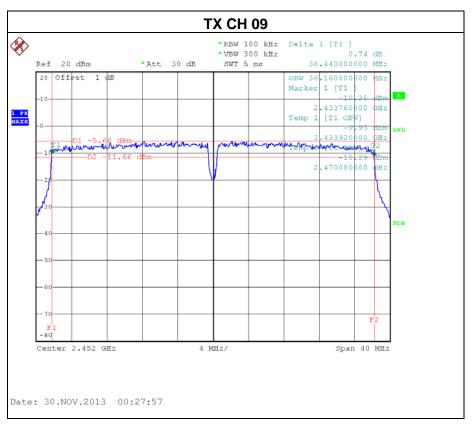
Test Channel	Frequency (MHz)	Bandwidth (MHz)	Result
CH03	2422	36.44	PASS
CH06	2437	36.44	PASS
CH09	2452	36.44	PASS



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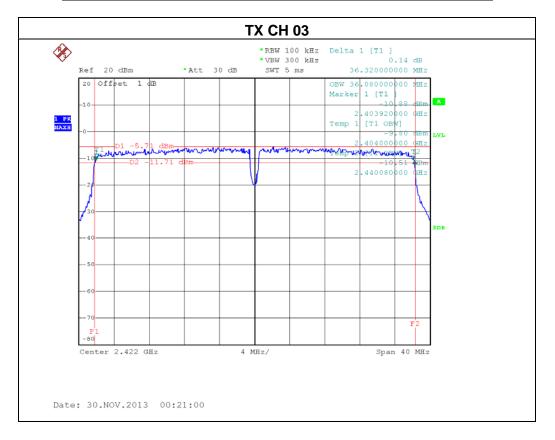


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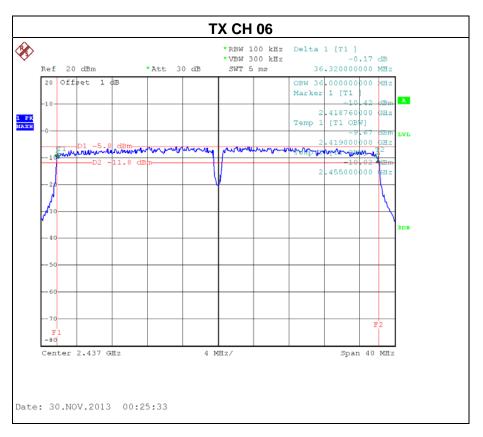
IFUJI:	AC750 Wireless Dual Band Router	Model Name. :	WF2710	
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %	
Pressure:	1016 hPa Test Voltage :		AC 120V/60Hz	
Test Mode :	TX N MODE -40MHz/ CH03, CH06, CH09-ANT 2			

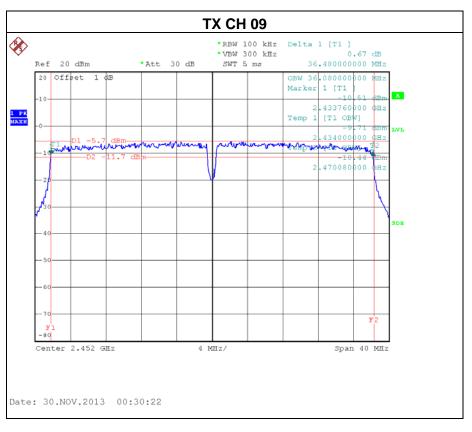
Test Channel	Frequency (MHz)	Bandwidth (MHz)	Result
CH03	2422	36.32	PASS
CH06	2437	36.32	PASS
CH09	2452	36.48	PASS



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# **6. MAXIMUM OUTPUT POWER TEST**

6.1 Applied procedures / limit

FCC Part15 (15.247) , Subpart C					
Section	Test Item	Limit	Frequency Range (MHz)	Result	
15.247(b)(3)	Maximum Output Power	1 watt or 30dBm	2400-2483.5	PASS	

#### **6.1.1 MEASUREMENT INSTRUMENTS LIST**

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Next Calibration
1	P-series Power meter	Agilent	N1911A	MY45100473	Apr.25.2014
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Apr.25.2014

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

All calibration period of equipment list is one year.

# **6.1.2 TEST PROCEDURE**

- a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
- b. The maximum peak conducted output power was performed in accordance with method 9.1.3 of FCC KDB 558074

#### **6.1.3 DEVIATION FROM STANDARD**

No deviation.

#### 6.1.4 TEST SETUP

EUT	Power Meter
	1 Ower meter

# **6.1.5 EUT OPERATION 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.

Transmit output power was measured while the host equipment supply voltage was varied from 85 % to 115 % of the nominal rated supply voltage. No change in transmit output power was observed.

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# 6.1.6 TEST RESULTS

IF() [.	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE /CH01, CH06, CH11		

Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
2412	16.97	30	1
2437	16.75	30	1
2462	16.95	30	1

IF() [.	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE /CH01, CH06, CH11		

Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
2412	19.95	30	1
2437	19.83	30	1
2462	19.72	30	1

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IFUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE /CH01, CH06, CH11		

ANT 1			
Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
2412	17.52	30	1
2437	17.62	30	1
2462	17.26	30	1

ANT 2			
Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
2412	17.23	30	1
2437	16.83	30	1
2462	17.19	30	1

ANT 1 + ANT 2			
Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
2412	20.39	30	1
2437	20.25	30	1
2462	20.24	30	1

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 =  $G_{ANT}$ , that is Directional gain=5.28dBi

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IF() [.	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode: TX N-40M MODE /CH03, CH06, CH09			

ANT 1			
Frequency	Peak Output Power	LIMIT	LIMIT
(MHz)	(dBm)	(dBm)	(W)
2422	16.73	30	1
2437	16.93	30	1
2452	16.72	30	1

ANT 2			
Frequency	Peak Output Power	LIMIT	LIMIT
(MHz)	(dBm)	(dBm)	(W)
2422	17.42	30	1
2437	17.35	30	1
2452	17.21	30	1

ANT 1 + ANT 2			
Frequency	Peak Output Power	LIMIT	LIMIT
(MHz)	(dBm)	(dBm)	(W)
2422	20.10	30	1
2437	20.16	30	1
2452	19.98	30	1

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 =  $G_{ANT}$ , that is Directional gain=5.28dBi

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# 7. ANTENNA CONDUCTED SPURIOUS EMISSION

# 7.1 Applied procedures / limit

20dBc 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.

Frequencies (MHz)	Field Strength (micorvolts/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

#### 7.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov.09.2014

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

All calibration period of equipment list is one year.

#### 7.1.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW= 100KHz, VBW=300KHz, Sweep time = Auto.

# 7.1.3 DEVIATION FROM STANDARD

No deviation.

#### 7.1.4 TEST SETUP

EUT	SPECTRUM
	ANALYZER

#### 7.1.5 EUT OPERATION 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.

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# 7.1.6 TEST RESULTS

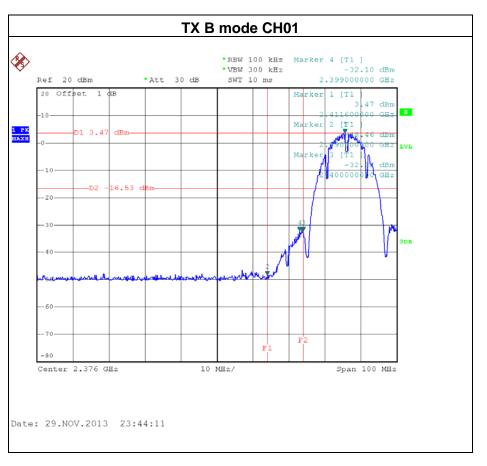
IF() [.	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode: TX B MODE /CH01, CH06, CH11			

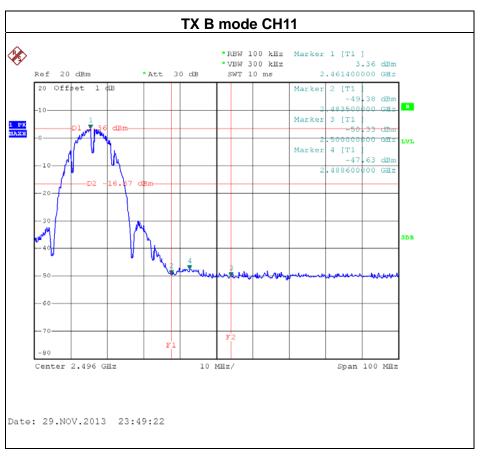
Channel of Worst Data: CH01				
The max. radio frequence bandwidth outside		The max. radio frequence bandwidth within the		
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz) POWER(dBm)		
2399.00	-32.10	2488.60	-47.63	
Result				

In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power.

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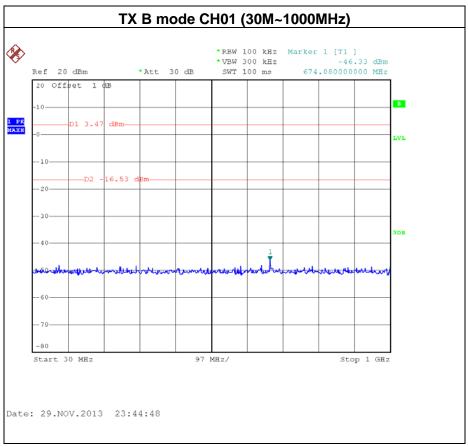


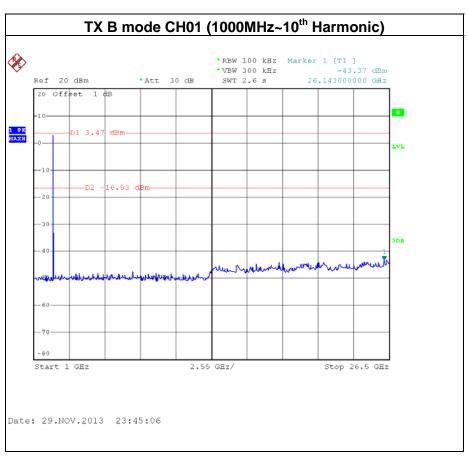




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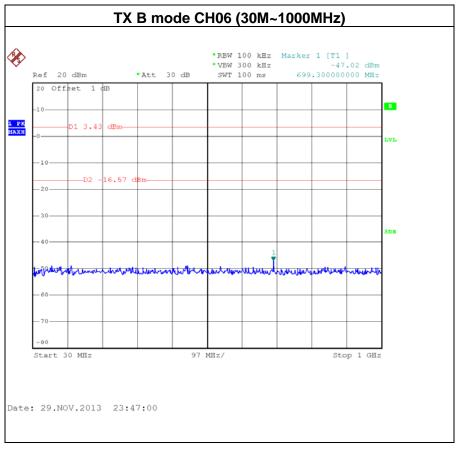


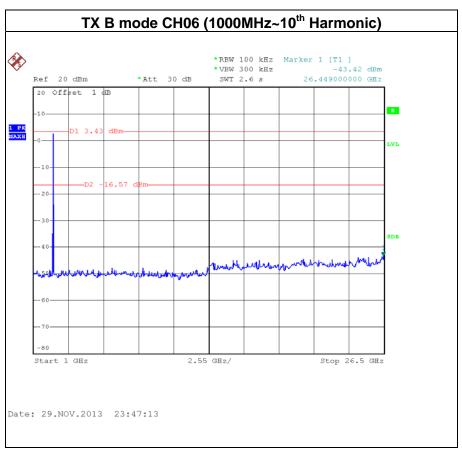




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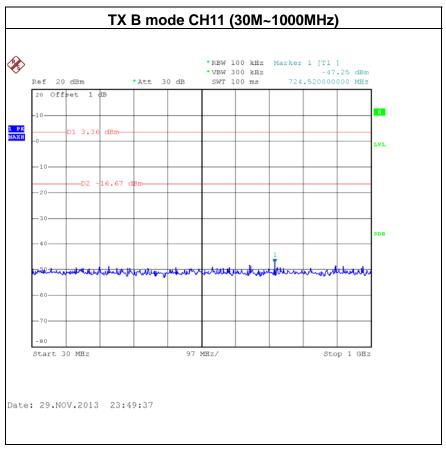


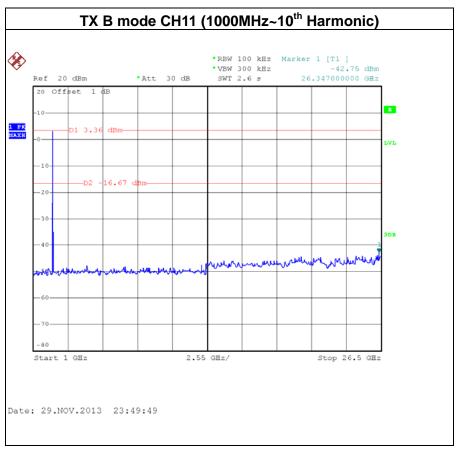




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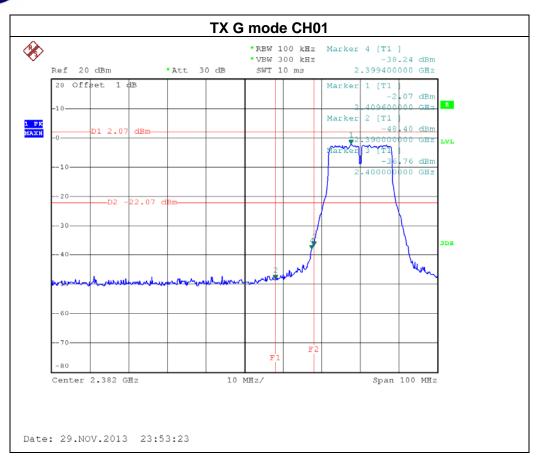
IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode: TX G MODE / CH01, CH06, CH11			

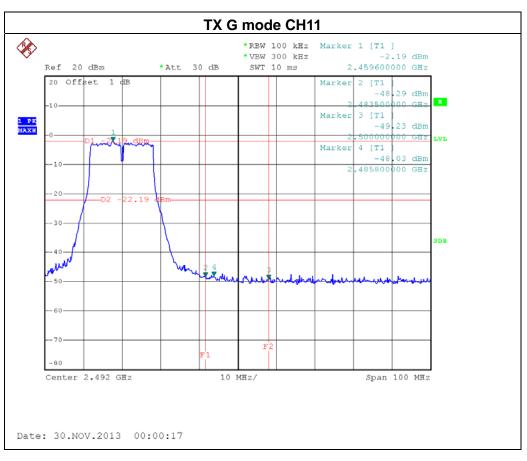
Channel of Worst Data: CH01				
The max. radio frequency power in any 100kHz The max. radio frequency power in any 100 kHz				
bandwidth outside the frequency band		bandwidth within the frequency band.		
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)	
2400.00	-36.76	2485.80	-48.03	
Result				

In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power.

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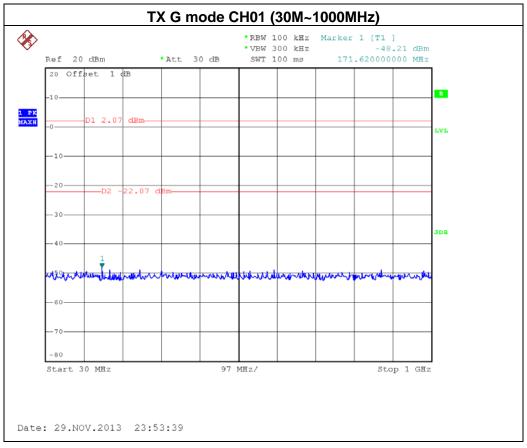


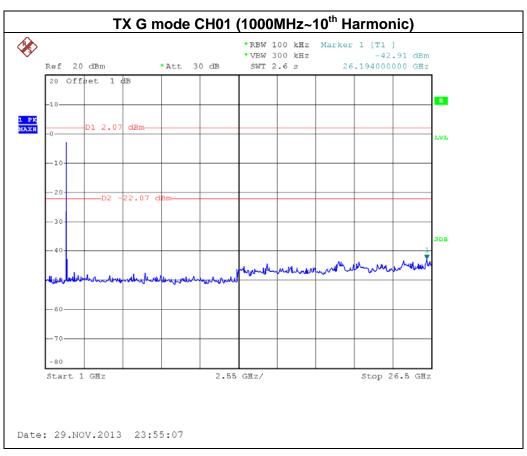




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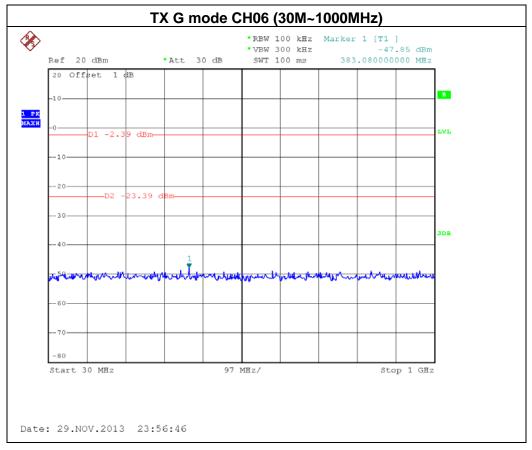
# Neutron Engineering Inc.

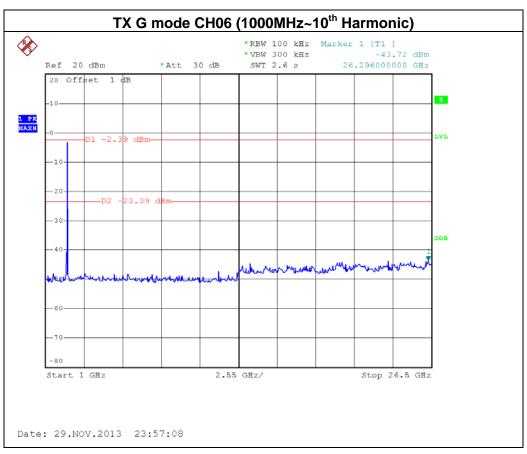




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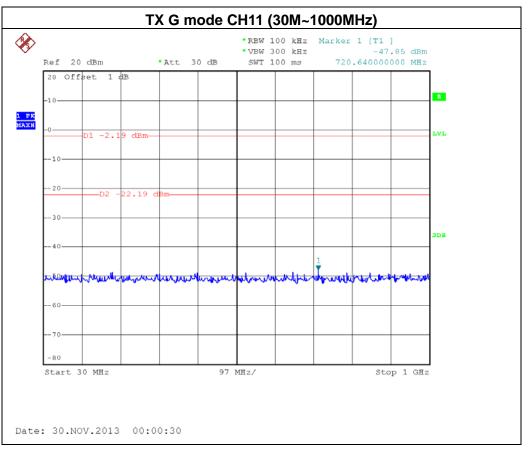
# Neutron Engineering Inc.

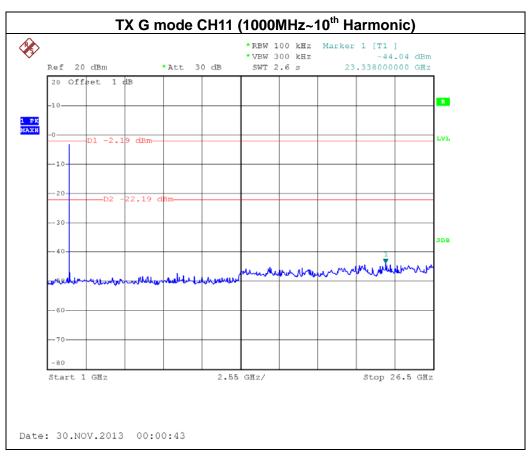




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# Neutron Engineering Inc.





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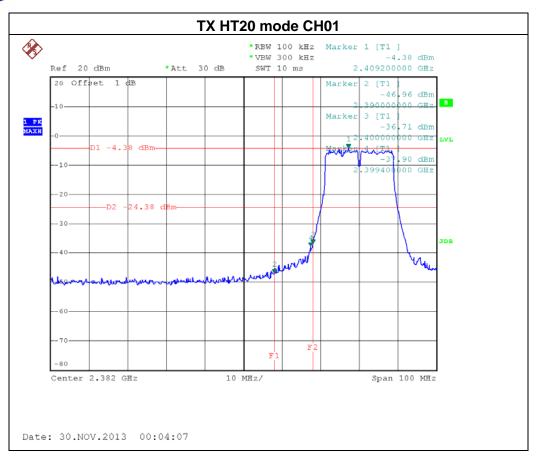


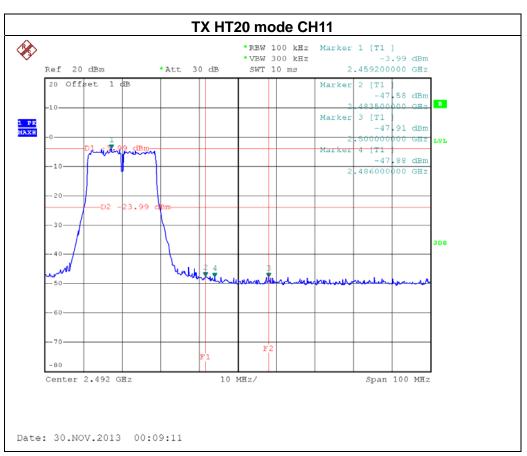
IFUI.	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode: TX N-20M MODE / CH01, CH06, CH11-ANT 1			

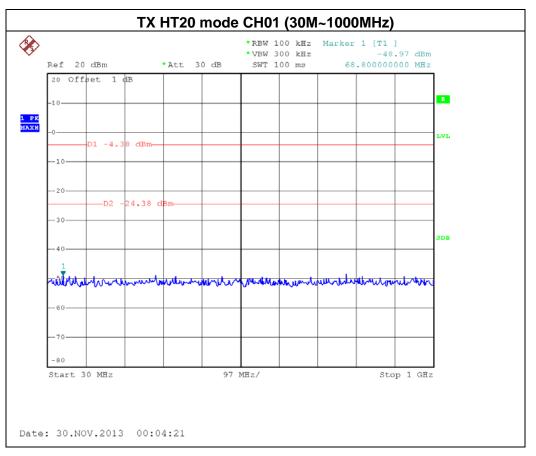
Channel of Worst Data: CH01				
The max. radio frequency power in any 100kHz bandwidth outside the frequency band		The max. radio frequence bandwidth within the		
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)	
2400.00	-36.71	2483.50	-47.58	
Result				

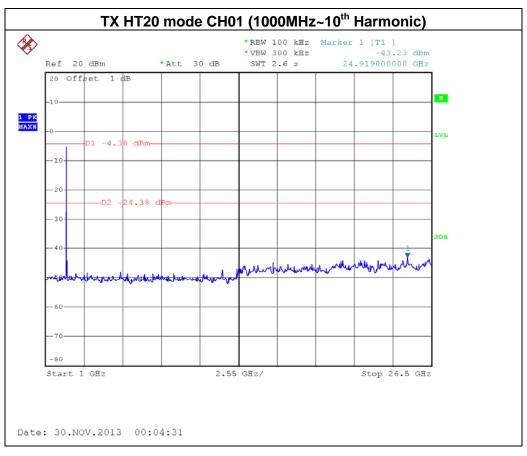
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power.

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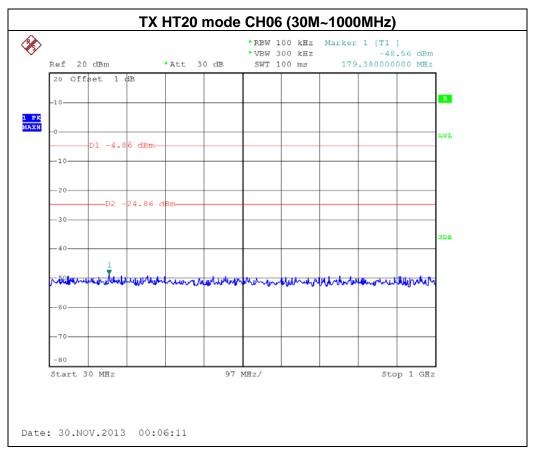


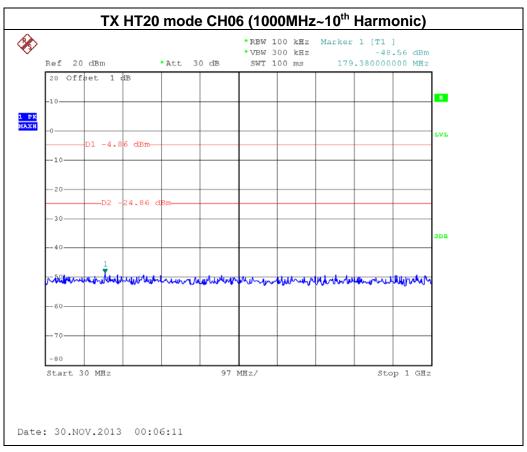




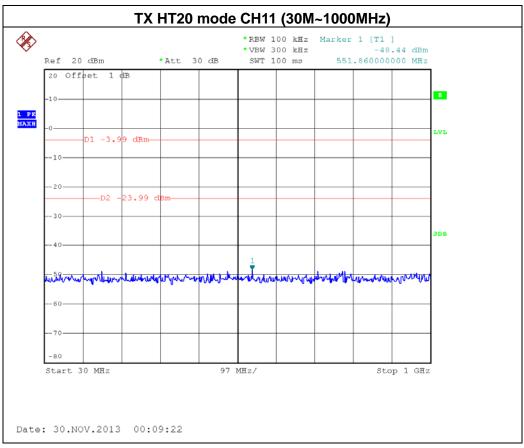


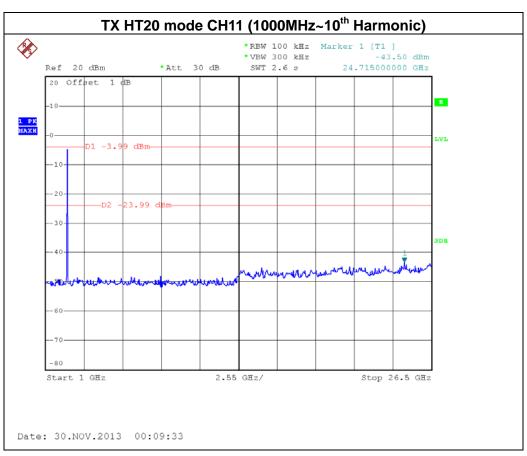
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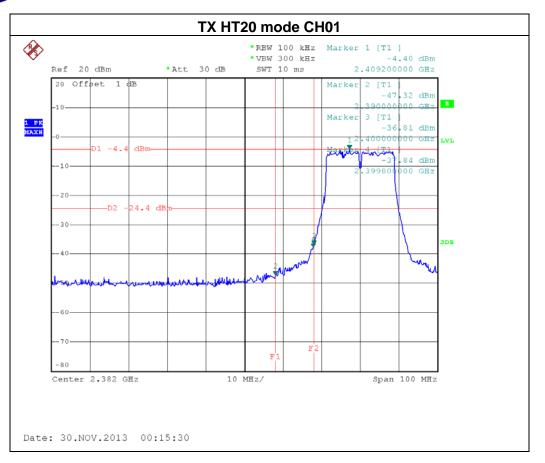


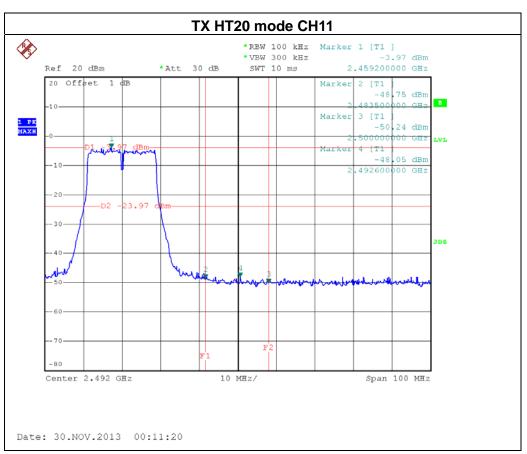
IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710	
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %	
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz	
Test Mode :	E: TX N-20M MODE / CH01, CH06 , CH11-ANT 2			

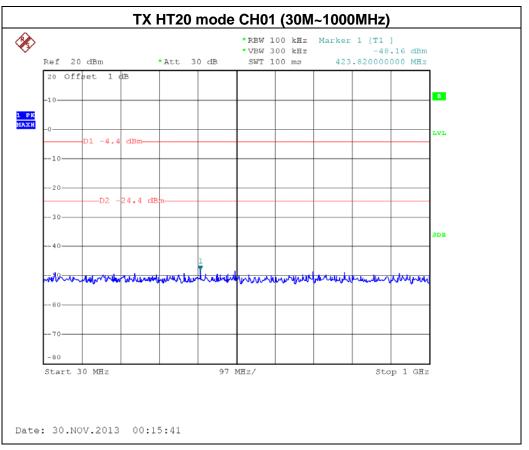
Channel of Worst Data: CH01				
<u> </u>	cy power in any 100kHz the frequency band	The max. radio frequence bandwidth within the		
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)	
2400.00 -36.81 2492.60 -48.05				
Result				

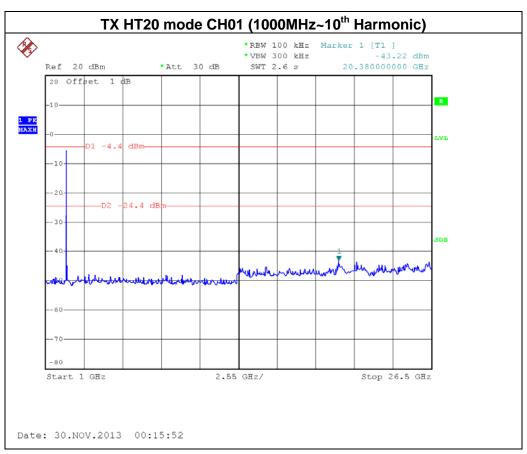
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power.

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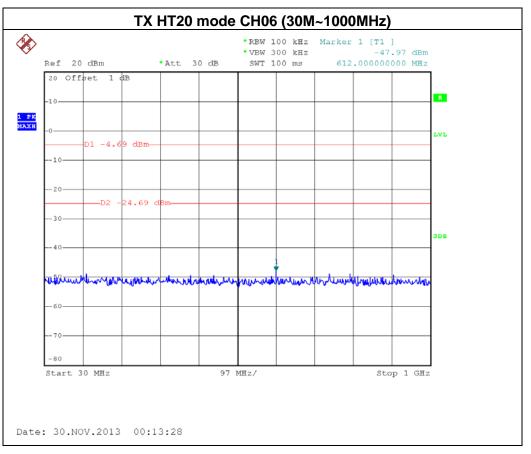


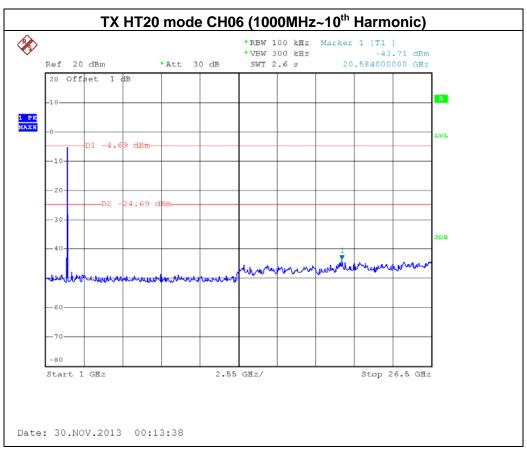




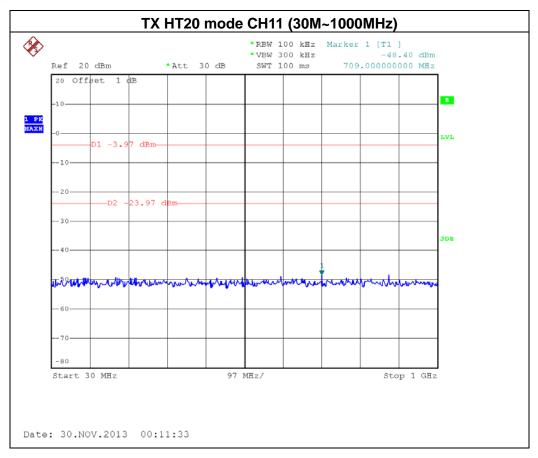


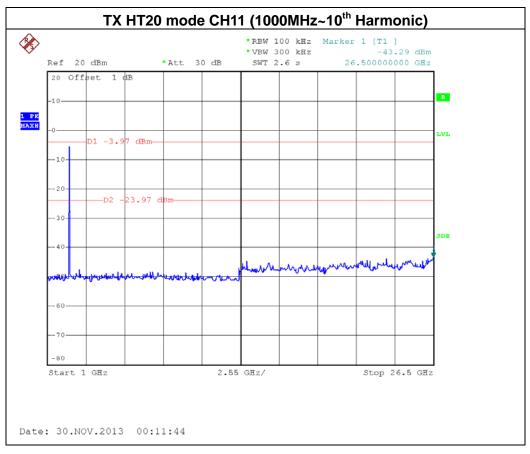
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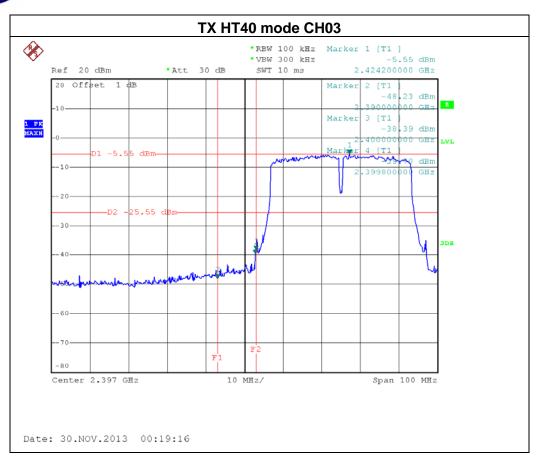


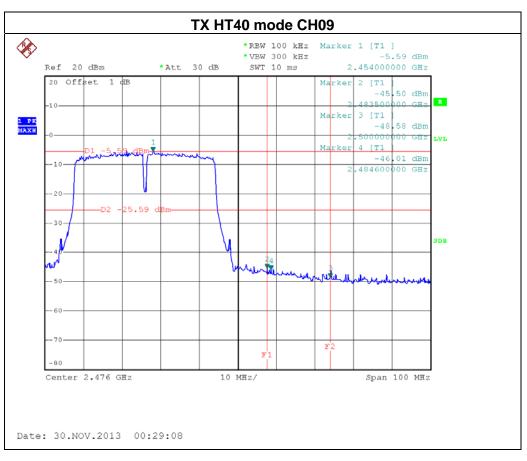
IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710	
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %	
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz	
Test Mode :	Mode: TX N-40M MODE / CH03, CH06 , CH09-ANT 1			

Channel of Worst Data: CH03				
<u> </u>	cy power in any 100kHz the frequency band	The max. radio frequence bandwidth within the		
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)	
2400.00 -38.39 2483.50 -45.50				
Result				

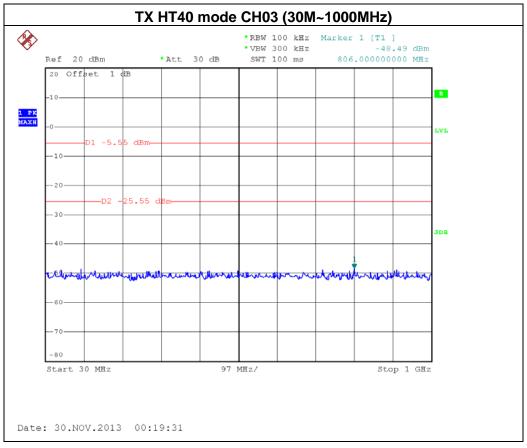
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power.

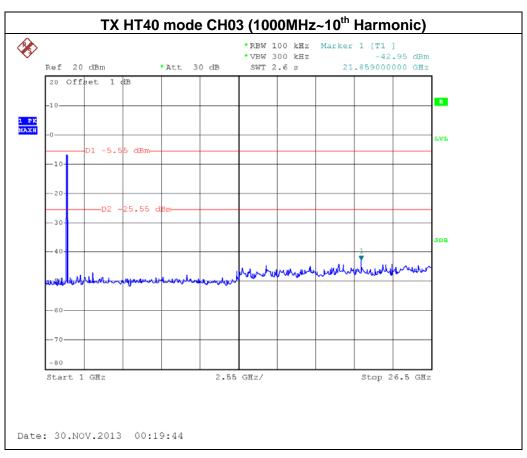
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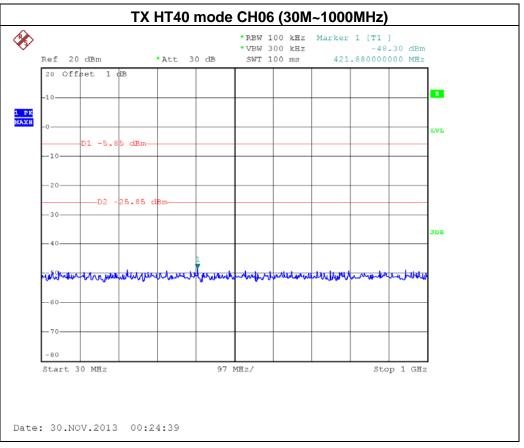


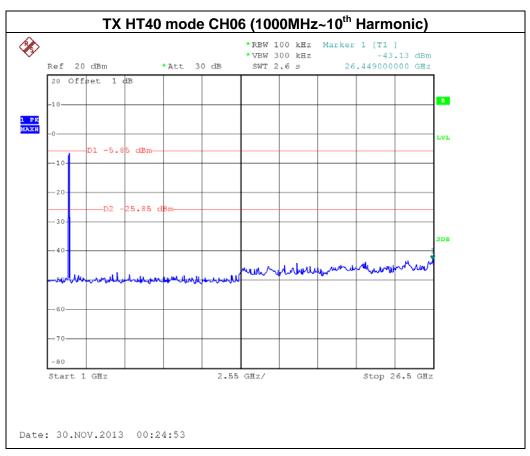
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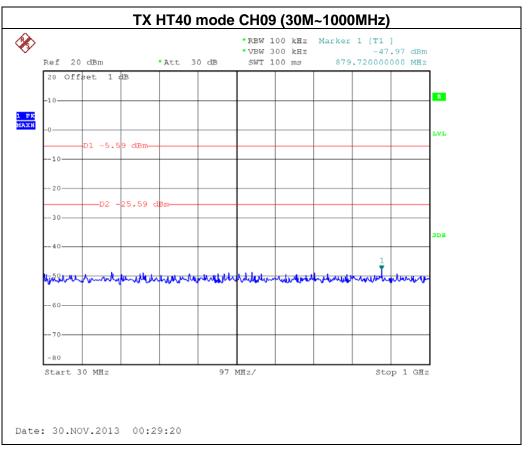


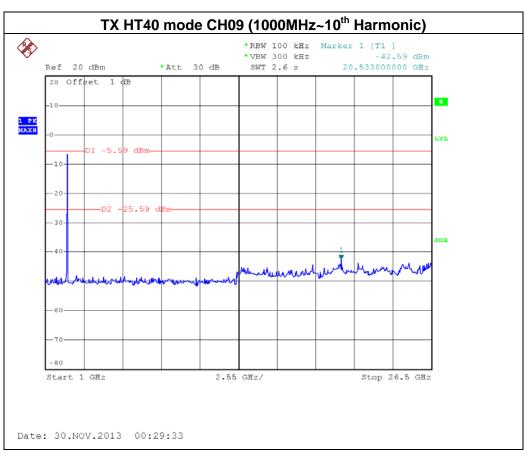
Report No.: NEI-FCCP-1-1309C035A Page 120 of 146





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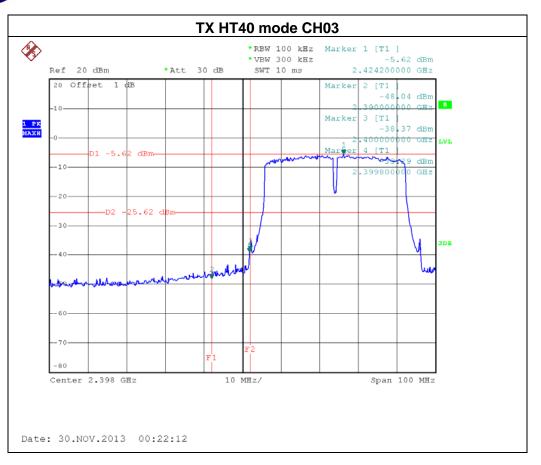


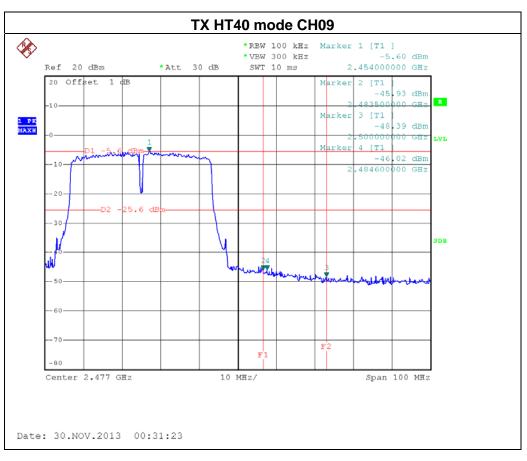
IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710	
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %	
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz	
Test Mode :	de: TX N-40M MODE / CH03, CH06 , CH09-ANT 2			

Channel of Worst Data: CH03				
•	cy power in any 100kHz the frequency band	The max. radio frequence bandwidth within the		
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)	
2400.00 -38.37 2483.50 -45.93				
Result				

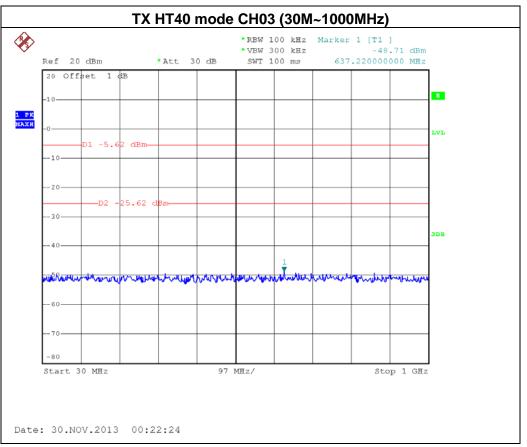
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power.

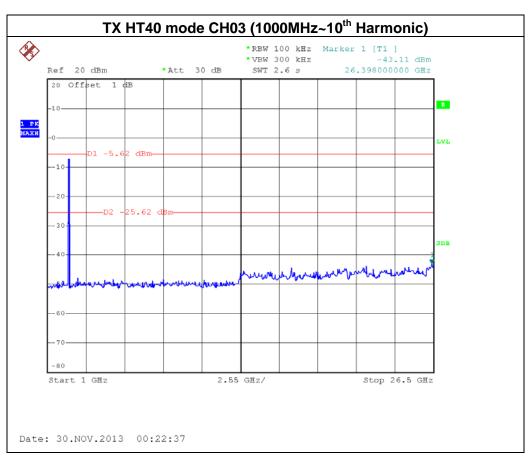
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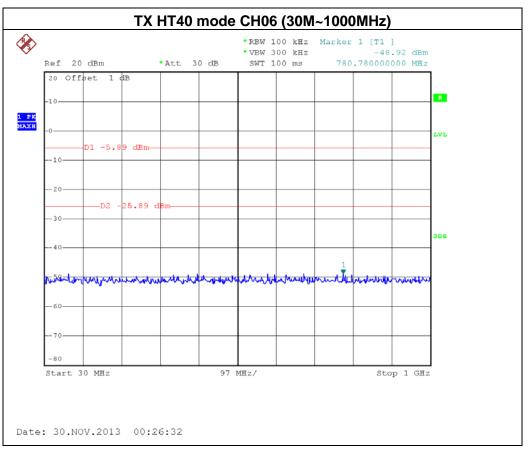


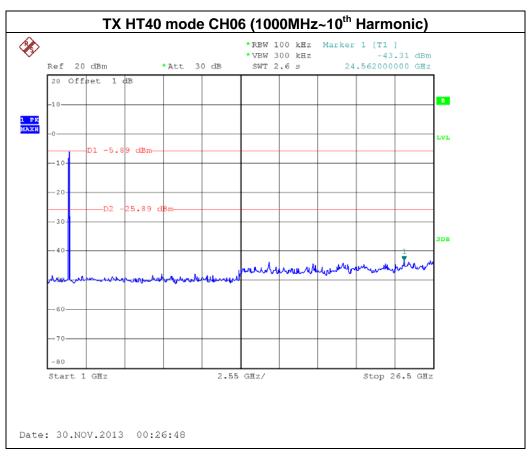
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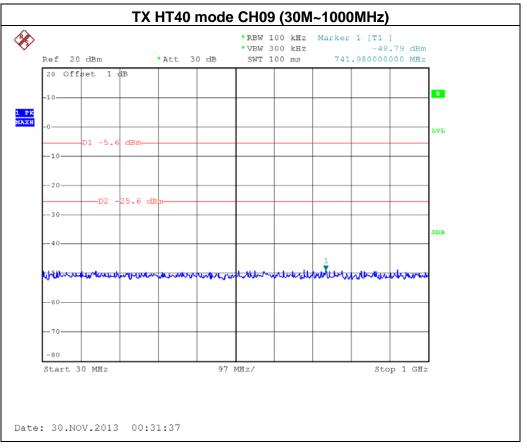


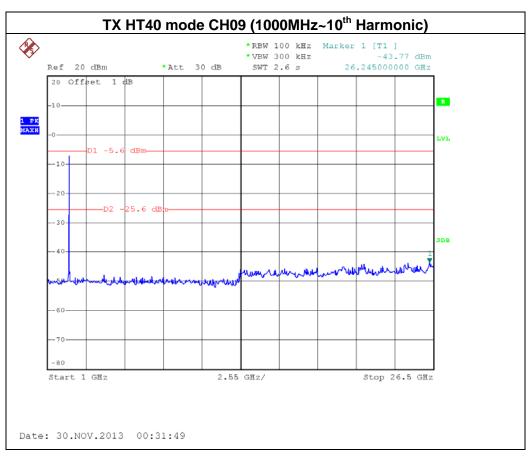
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#### 8. POWER SPECTRAL DENSITY TEST

#### 8.1 Applied procedures / limit

FCC Part15 (15.247) , Subpart C					
Section Test Item Limit Frequency Range (MHz) Result					
15.247(e)	Power Spectral Density	8 dBm (in any 3KHz)	2400-2483.5	PASS	

#### **8.1.1 MEASUREMENT INSTRUMENTS LIST**

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov.09.2014

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

All calibration period of equipment list is one year.

#### **8.1.2 TEST PROCEDURE**

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW=3KHz, VBW=10 KHz, Sweep time = Auto.

#### **8.1.3 DEVIATION FROM STANDARD**

No deviation.

#### 8.1.4 TEST SETUP

EUT	SPECTRUM
	ANALYZER

#### **8.1.5 EUT OPERATION CONDITIONS**

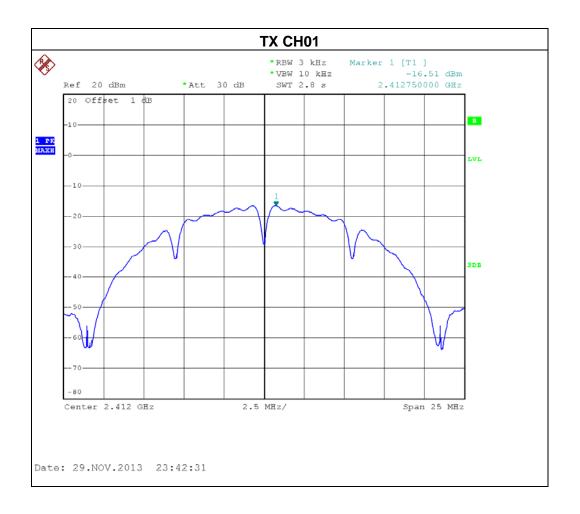
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

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#### 8.1.6 TEST RESULTS

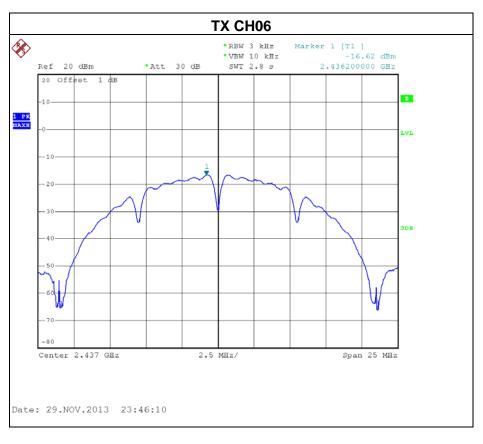
IF() [.	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> °C	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE /CH01, CH06, CH11		

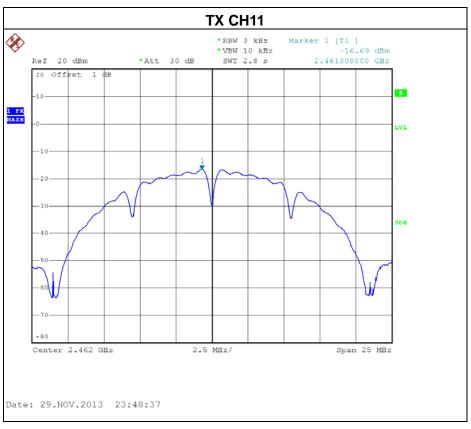
Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH01	2412	-16.51	8
CH06	2437	-16.62	8
CH11	2462	-16.69	8



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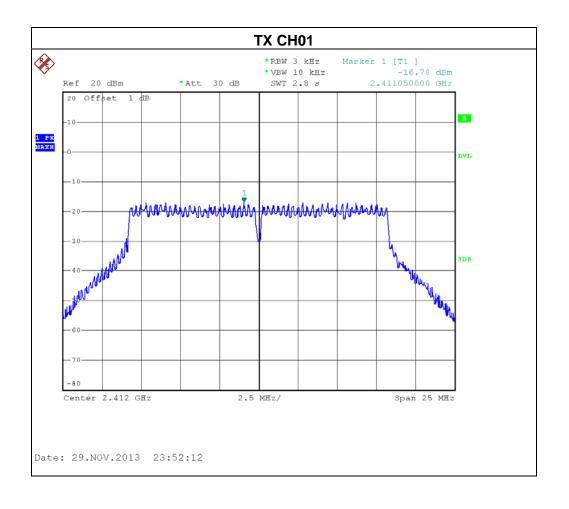






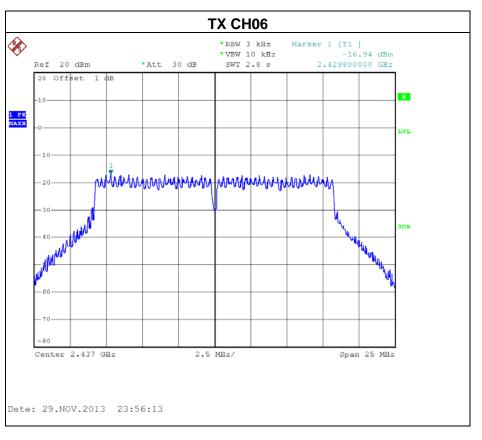
IHUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE /CH01, CH06, CH11		

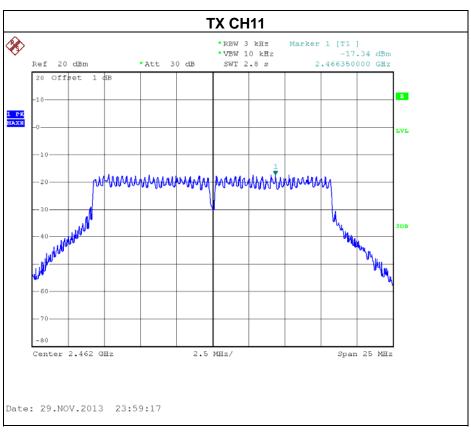
Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH01	2412	-16.78	8
CH06	2437	-16.94	8
CH11	2462	-17.34	8



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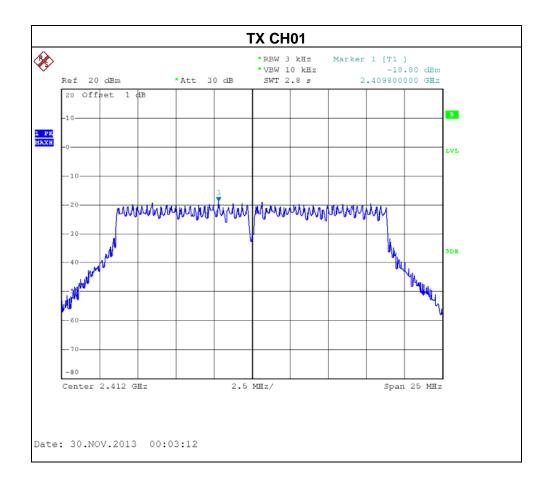






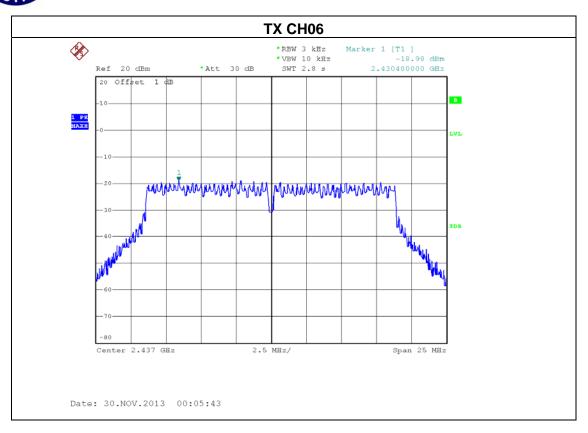
IFUI.	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N MODE-20MHz /CH01, CH06, CH11-ANT 1		

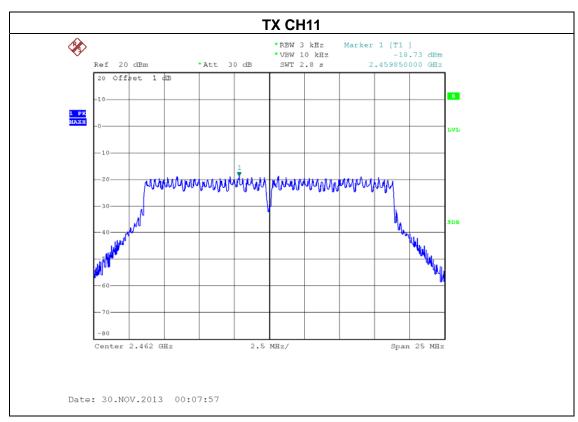
Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH01	2412	-18.80	8
CH06	2437	-18.98	8
CH11	2462	-18.73	8



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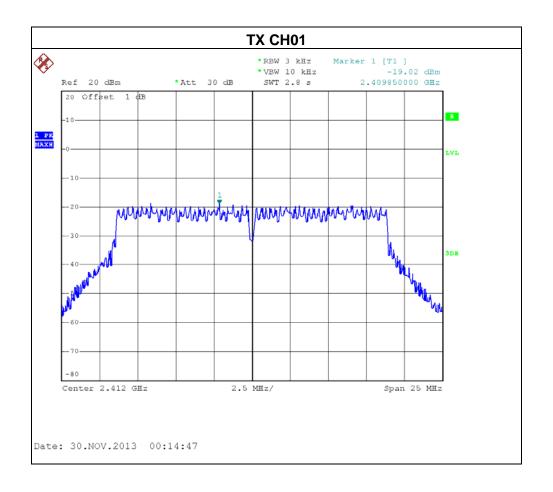






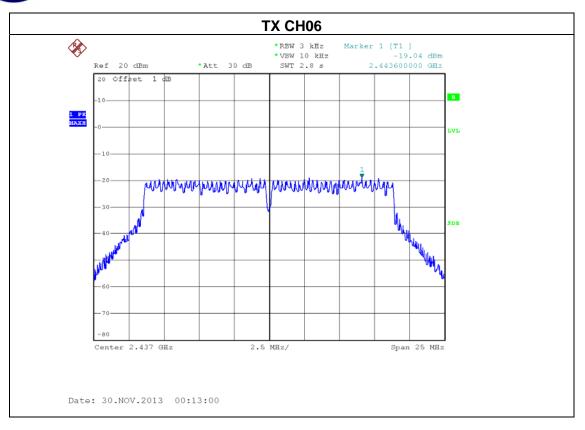
IFUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	est Mode: TX N MODE-20MHz /CH01, CH06, CH11-ANT 2		

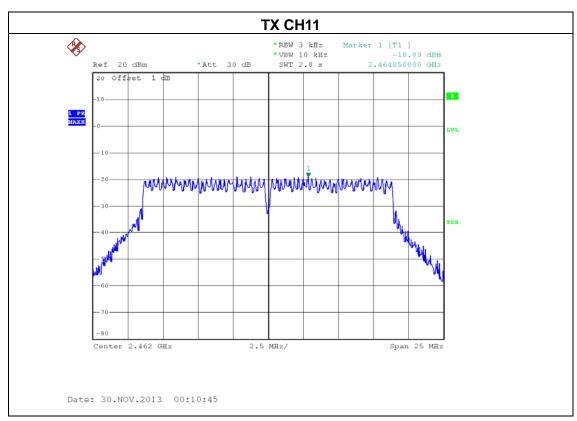
Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH01	2412	-19.02	8
CH06	2437	-19.04	8
CH11	2462	-18.89	8



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IF() [.	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	Mode: TX N MODE-20MHz /CH01, CH06, CH11-ANT 1+ANT 2		

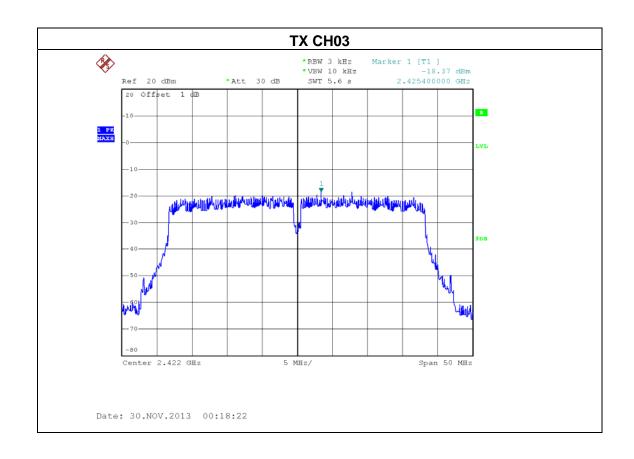
Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH01	2412	-15.90	8
CH06	2437	-16.00	8
CH11	2462	-15.80	8

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 =  $G_{ANT}$ , that is Directional gain=5.28dBi

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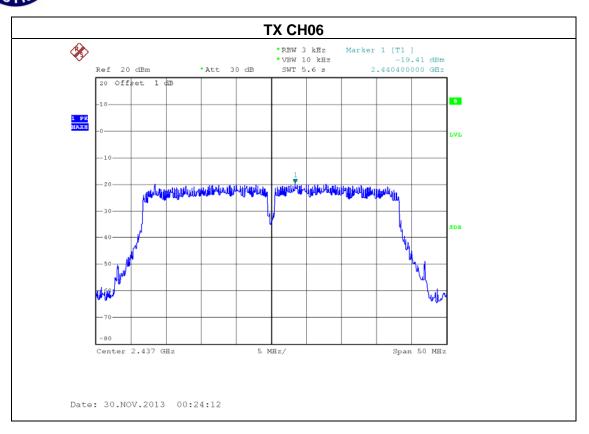
IFUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode: TX N MODE-40MHz /CH03, CH06, CH09-ANT 1			

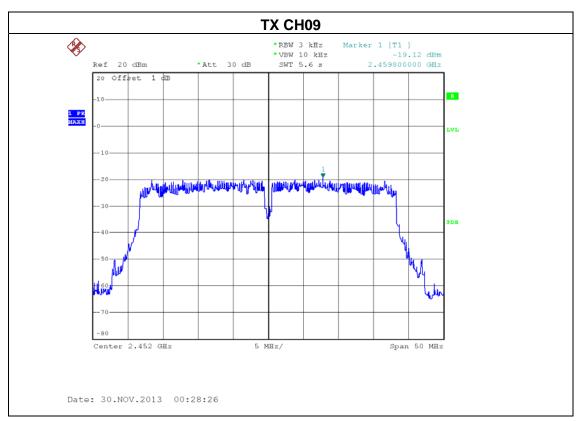
Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH03	2422	-18.37	8
CH06	2437	-19.41	8
CH09	2452	-19.12	8



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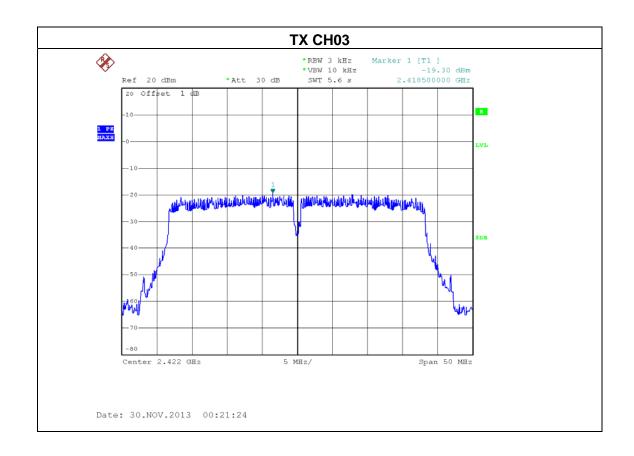






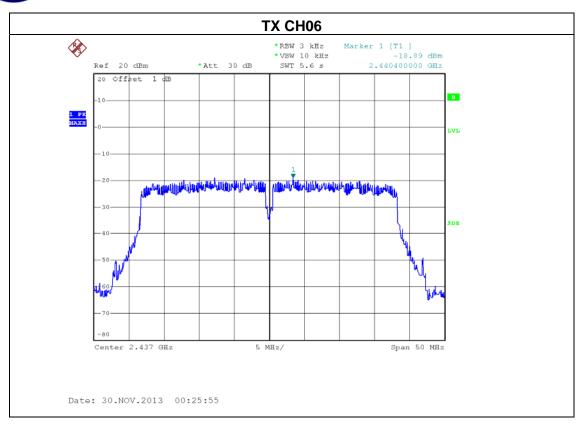
IFUI:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N MODE-40MHz /CH03, CH06, CH09-ANT 2		

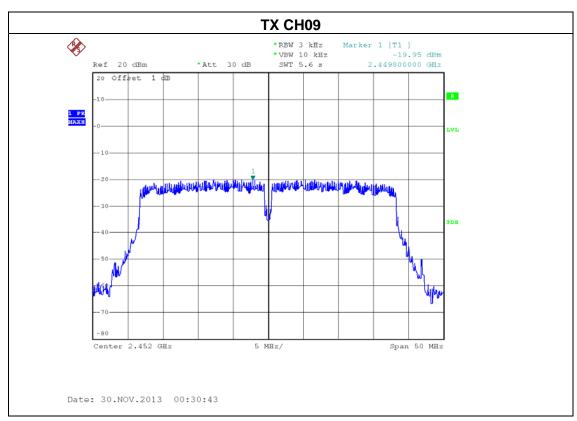
Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH03	2422	-19.30	8
CH06	2437	-18.89	8
CH09	2452	-19.95	8



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IF() [.	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	<b>24</b> ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	Mode: TX N MODE-40MHz /CH03, CH06, CH09-ANT 1+ANT 2		

Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH03	2422	-15.80	8
CH06	2437	-16.13	8
CH09	2452	-16.50	8

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 =  $G_{ANT}$ , that is Directional gain=5.28dBi

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#### 9. EUT TEST PHOTO

#### **Conducted Measurement Photos**





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#### Radiated Measurement Photos 9KHz~30MHz





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#### Radiated Measurement Photos 300MHz~1000MHz



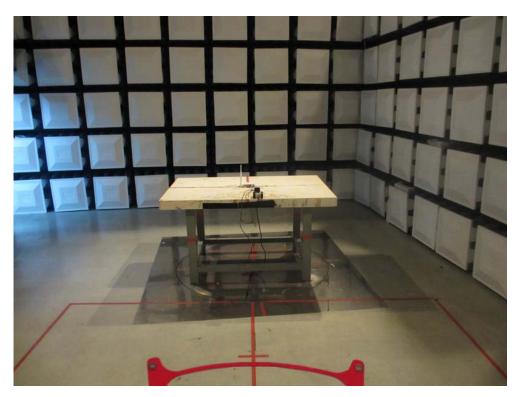


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#### Radiated Measurement Photos Above 1000MHz





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