FCC Radio Test Report

FCC ID: T58WF2404R

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

Issued Date : Nov. 03, 2010 Project No. : 1009C189

Equipment : 300Mbps Wireless-N Broadband Router

Model Name: WF-2404

Applicant : NETIS SYSTEMS CO., LTD.

Address : 9F,B Block,Tsinghua Information Park, High-tech

Industrial Park, Nanshan, Shenzhen, China

Manufacturer: Shenzhen Netcore Industrial Ltd.

Address: 9F,B Block,Tsinghua Information Park, High-tech

Industrial Park, Nanshan, Shenzhen, China

Tested by:

Neutron Engineering Inc. EMC Laboratory

Date of Receipt: Sep. 28, 2010

Date of Test:

Sep. 28, 2010 ~ Nov. 02, 2010

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Declaration

Neutron represents to the client that testing is done in accordance with standard procedu res 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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1. CERTIFICATION

Equipment: 300Mbps Wireless-N Broadband Router

Brand Name: netis Model Name: WF-2404

Applicant: NETIS SYSTEMS CO., LTD.

F a c t o r y: Dongguan City Netcore Network Technology Co.,Ltd.

A d d r e s s: No.10-1,Sankeng Road,Qinghutou,Tangxia Town,Dongguan City

Date of Test: Sep. 28, 2010 ~ Nov. 02, 2010 Test Item: ENGINEERING SAMPLE

Standards: FCC Part15, Subpart C(15.247) / ANSI C63.4: 2003

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-1-1009C189) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP and 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 standards:

FCC Part15 (15.247), Subpart C				
Standard 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		
15.209/15.205 Radiated Spurious Emission		PASS		
15.247(e) Power Spectral Density PASS				
15.203	Antenna Requirement	PASS	-	

NOTE:

(1)" N/A" denotes test is not applicable in this Test Report

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2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **DG-CB03/DG-C03** 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 % \circ

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U , (dB)	NOTE
DG-C03	CISPR	150 KHz ~ 30MHz	1.94	

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U , (dB)	NOTE
		30MHz ~ 200MHz	V	3.82	
DG-CB03	CISPR	30MHz ~ 200MHz	Н	3.60	
DG-CB03	CISER	200MHz ~ 1,000MHz	V	3.86	
		200MHz ~ 1,000MHz	Н	3.94	

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3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	300Mbps Wireless-N Bro	padband Router	
Brand Name	netis		
Model Name	WF-2404		
OEM Brand/Model Name	N/A		
Product Description Power Source	Operation Frequency: Modulation Type: Bit Rate of Transmitter Number of Channel Antenna Designation: Antenna Gain(Peak) Output Power: Based on the application in User's Manual, the EU	More details of EUT technical er to the User's Manual.	
	Model name: NQBCD2UL I/P AC 100-240V~0.2A 50/60Hz		
Power Rating	O/P DC 9V/500mA		
Connecting I/O Port(s)	Please refer to the User'	s Manual	
Products Covered	N/A		
Products Covered	N/A		

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						
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	Model Name	Antenna Type	Connector	Gain (dBi)
1	Cortec	AN2400-5311BO	Dipole Antenna	N/A	3.0
1	Cortec	AN2400-5311BO	Dipole Antenna	N/A	3.0

4. The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and two receivers (2T2R).

Operating Mode	1TX	2TX
TX Mode		
802.11b	V (ANT1 or ANT2)	-
802.11g	V (ANT1 or ANT2)	-
802.11n(20MHz)	-	V (ANT1 & ANT2)
802.11n(40MHz)	-	V (ANT1 & ANT2)

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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 B MODE CHANNEL 01

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 G MODE CHANNEL 11	

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 highest, middle, lowest available channels.
- (2) During the output power test, all data rates have been investigated and the highest output powers were recorded are as follows:

802.11b mode: DBPSK (1Mbps) 802.11g mode: OFDM (6Mbps)

802.11n HT20/HT40 mode : MCS8 (6Mbps)

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

(3) Worst-case mode and channel used for 30-1000 MHz radiated and power line conducted emissions was the mode and channel with the highest output power, that was determined to be 11G Channel 11.

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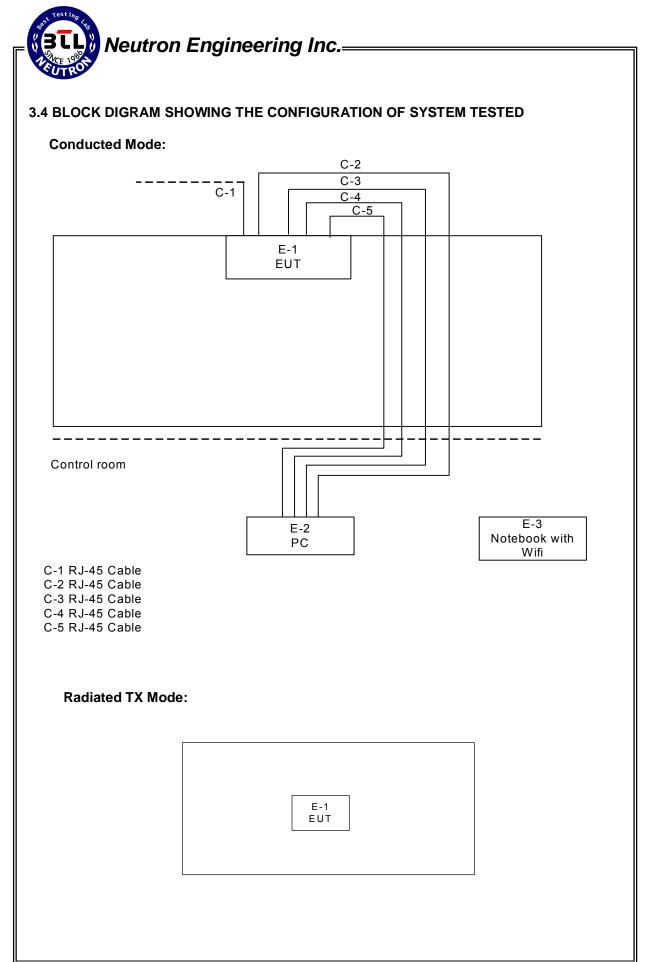
3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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	Test Program: MP_TEST			
Frequency	2412 MHz	2437 MHz	2462 MHz	
IEEE 802.11b DSSS	47	47	47	
IEEE 802.11g OFDM	49	49	49	

Test software Version	Test Program: MP_TEST				
Frequency (MHz)	2412 MHz	2437 MHz	2462 MHz		
IEEE 802.11n (20MHz)	43(ANT1)	42(ANT1)	42(ANT1)		
1LLL 002.1111 (20141112)	40(ANT2)	40(ANT2)	40(ANT2)		
Frequency (MHz)	2422 MHz	2437 MHz	2452 MHz		
IEEE 802.11n (40MHz)	44(ANT1)	44(ANT1)	44(ANT1)		
1LLL 002.1111 (40101112)	40(ANT2)	40(ANT2)	40(ANT2)		

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3.5 DESCRIPTION OF SUPPORT UNITS (RADIATED MODE)

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	300Mbps Wireless-N Broadband Router	netis	WF-2404	T58WF2404R	N/A	EUT

Item	Shielded Type	Ferrite Core	Length	Note

Note:

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

3.6 DESCRIPTION OF SUPPORT UNITS (CONDUCTED MODE)

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	300Mbps Wireless-N Broadband Router	netis	WF-2404	T58WF2404R	N/A	EUT
E-2	PC	HP	Dx7208	DOC	CNG7050PB7	
E-3	NOTEBOOK with Wifi	DELL	INSPIRON 1420	DOC	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	NO	10M	
C-2	NO	NO	10M	
C-3	NO	NO	10M	
C-4	NO	NO	10M	
C-5	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 cm 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	
	Quasi-peak	Average	Quasi-peak	Average	Staridard	
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

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	May.26.2011
2	LISN	Rolf Heine	NNB-2-16Z	99044	May.26.2011
3	50Ω Terminator	SHX	TF2-3G-A	08122901	May.26.2011
4	Transient Limiter	Agilent	11947A	3107A03668	May.26.2011
5	Test Cable	N/A	C-06_C03	N/A	Nov.16.2010
6	Test Receiver	R&S	ESCI	100382	May.26.2011

Remark: "N/A" denotes No Model Name., Serial No. or No Calibration specified.

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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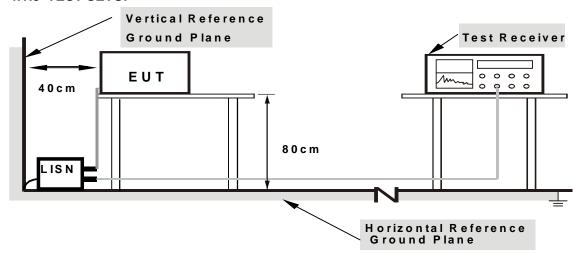
4.1.3 TEST PROCEDURE

- 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.

The EUT was programmed to be in continuously transmitting mode.

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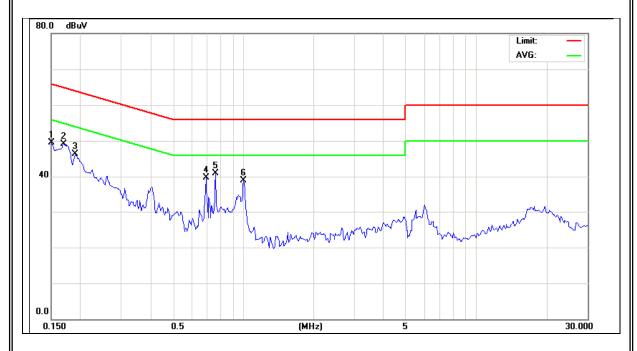
4.1.7 TEST RESULTS

 	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	25 ℃	Relative Humidity:	51%
Pressure:	1010hPa	Test Power :	AC 120V/60Hz
Test Mode :	TX G MODE CHANNEL 11		

Freq.	Terminal	Measured(dBuV)		Limits(dBuV)		Margin	Note
(MHz)	L/N	QP-Mode	AV-Mode	QP-Mode	AV-Mode	(dB)	Note
0.15	Line	49.49	*	66.00	56.00	-16.51	(QP)
0.17	Line	49.17	*	64.99	54.99	-15.82	(QP)
0.19	Line	46.25	*	64.06	54.06	-17.81	(QP)
0.69	Line	39.64	*	56.00	46.00	-16.36	(QP)
0.76	Line	40.82	*	56.00	46.00	-15.18	(QP)
1.00	Line	38.96	*	56.00	46.00	-17.04	(QP)

Remark

- (1) All readings are QP Mode value unless otherwise stated AVG in column of Note I. 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 In the North No
- (2) Measuring frequency range from 150KHz to 30MHz \circ

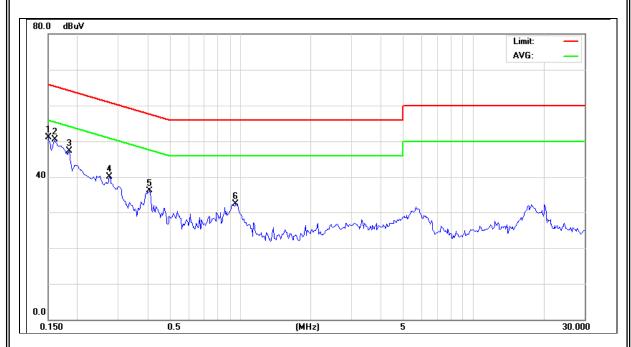


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 -	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	25 ℃	Relative Humidity:	51%
Pressure :	1010hPa	Test Power :	AC 120V/60Hz
Test Mode :	TX G MODE CHANNEL 11		

Freq.	Terminal	Measured(dBuV)		Limits(dBuV)		Margin	Note
(MHz)	L/N	QP-Mode	AV-Mode	QP-Mode	AV-Mode	(dB)	Note
0.15	Neutral	51.19	*	66.00	56.00	-14.81	(QP)
0.16	Neutral	50.51	*	65.48	55.48	-14.97	(QP)
0.18	Neutral	47.28	*	64.29	54.29	-17.01	(QP)
0.27	Neutral	40.16	*	60.99	50.99	-20.83	(QP)
0.41	Neutral	36.10	*	57.69	47.69	-21.59	(QP)
0.95	Neutral	32.32	*	56.00	46.00	-23.68	(QP)

- (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 ${\scriptstyle \circ}$



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
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	(dBuV/m) (at 3m)		
FREQUENCY (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).

FREQUENCY RANGE OF RADIATED MEASUREMENT (For unintentional radiators)

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40 GHz, whichever is lower

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4.2.2 MEASUREMENT INSTRUMENTS LIST ANS SETTING

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Triple Loop Antenna	R&S	HFH2-Z2	830749/020	May.27.2011
2	Bi-log Antenna	Schwarbeck	VULB9160	9160-3232	May.26.2011
3	Horn Antenna	ETS	3115	00075789	May.12.2011
4	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170340	Dec.16.2010
5	Amplifier	HP	8447D	2944A09673	May.26.2011
6	Amplifier	Agilent	8449B	3008A02274	May.26.2011
7	Amplifier	EMC	EMC265404 5	980039	Aug.12.2011
8	Test Receiver	R&S	ESCI	100895	May.26.2011
9	Spectrum Analyzer	R&S	FSP 40	100185	Nov.27.2010
10	Test Cable	N/A	C-01_CB03	N/A	Jul.05.2011
11	Test Cable	HUBER+SUHNER	SUCOFLEX_ 8m	313794/4	Apr.12.2011
12	Controller	СТ	SC100	N/A	N/A

Remark: "N/A" denotes No Model Name / Serial No. and No Calibration specified.

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

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

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4.2.3 TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

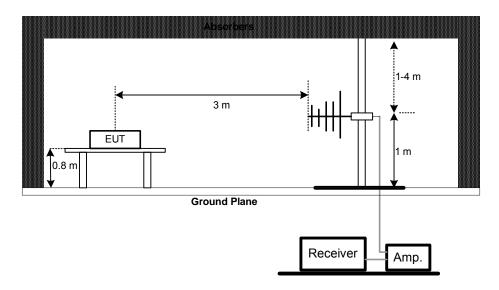
c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. f. For the actual test configuration, please refer to the related Item –EUT Test Photos. 4.2.4 DEVIATION FROM TEST STANDARD No deviation

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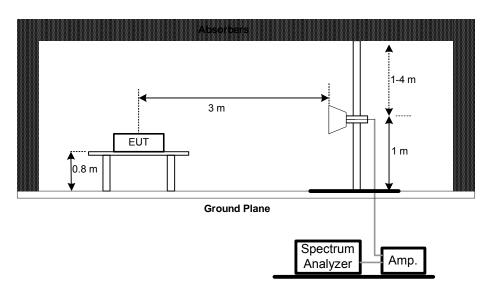


4.2.5 TEST SETUP

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



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



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.

Report No.: NEI-FCCP-1-1009C189

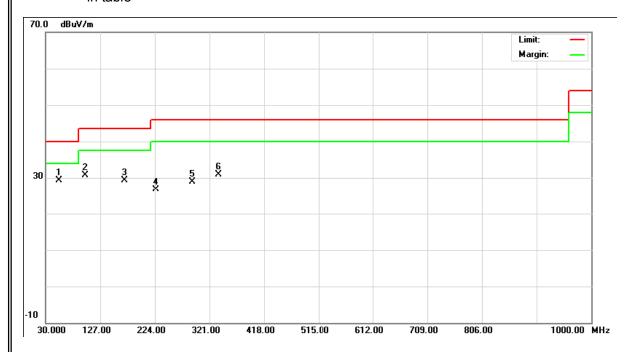
4.2.7 TEST RESULTS (BETWEEN 30 - 1000 MHZ)

FUI.	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE CHANNEL 11		

Freq.	Ant.	Reading(RA)	Corr.Factor(CF)	Measured(FS)	Limits(QP)	Margin	Note
(MHz)	H/V	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	Note
53.31	V	46.88	-17.52	29.36	40.00	- 10.64	
99.82	V	49.06	-18.41	30.65	43.50	- 12.85	
169.01	V	46.58	-17.33	29.25	43.50	- 14.25	
225.43	V	42.35	-15.72	26.63	46.00	- 19.37	
289.30	V	41.07	-12.10	28.97	46.00	- 17.03	
336.87	V	42.07	-11.16	30.91	46.00	- 15.09	

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 $_{\circ}$
- (2) All readings are Peak unless otherwise stated QP in column of $^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{\circ}$
- (3) Measuring frequency range from 30MHz to 1000MHz $^{\circ}$
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table ${}^{\circ}$

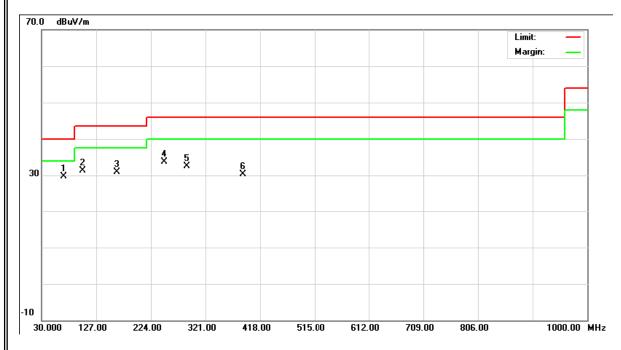


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FUI.	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	51 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE CHANNEL 11		

Freq.	Ant.	Reading(RA)	Corr.Factor(CF)	Measured(FS)	Limits(QP)	Margin	Note
(MHz)	H/V	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	Note
67.92	Н	47.69	-18.04	29.65	40.00	- 10.35	
102.58	Н	49.64	-18.39	31.25	43.50	- 12.25	
163.40	Н	48.40	-17.53	30.87	43.50	- 12.63	
246.91	Н	48.45	-14.76	33.69	46.00	- 12.31	
287.50	Н	44.70	-12.20	32.50	46.00	- 13.50	
387.43	Н	39.77	-9.48	30.29	46.00	- 15.71	

- (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 $_{\circ}$
- (2) All readings are Peak unless otherwise stated QP in column of $^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $^{\circ}$
- (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 $^{\circ}$



4.2.8 TEST RESULTS (ABOVE 1000 MHZ)

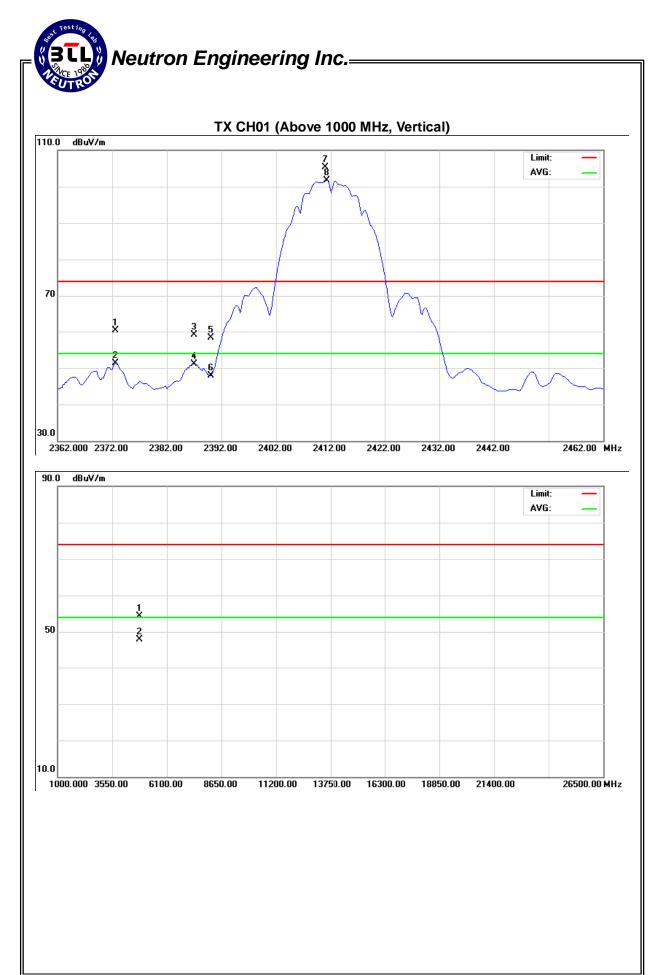
EUI.	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE 2412MHz		

Freq.	Ant.Pol.	Reading A		Ant./CF	A	Act.		mit	
1164.	Ant.i Oi.	Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2372.60	V	29.17	20.22	31.09	60.26	51.31	74.00	54.00	X/E
2387.00	V	27.96	20.10	31.09	59.05	51.19	74.00	54.00	X/Ε
2390.00	V	27.27	16.85	31.08	58.35	47.93	74.00	54.00	X/Ε
2411.00	V	74.33	70.68	31.07	105.40	101.75			X/F
4824.12	V	49.08	42.54	5.28	54.36	47.82	74.00	54.00	X/H

Remark:

- (1) All readings are Peak unless otherwise stated QP in column of $^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{\circ}$
- (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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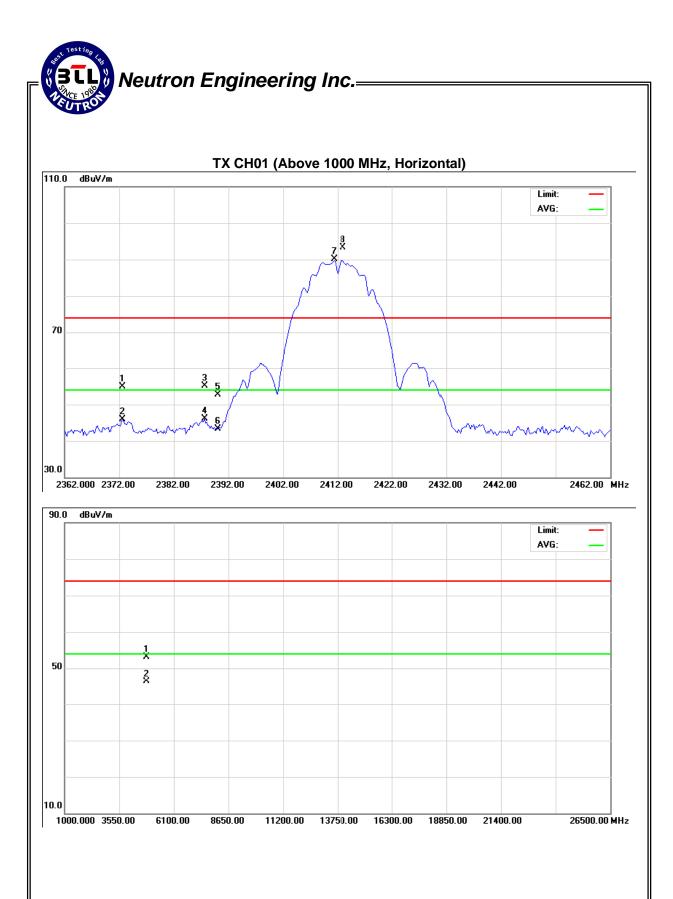


EUI.	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE 2412MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Liı	nit	
пец.	Ali.FU.	Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2372.60	Н	23.90	14.90	31.09	54.99	45.99	74.00	54.00	X/E
2387.60	Н	23.99	14.99	31.08	55.07	46.07	74.00	54.00	X/E
2390.00	Н	21.59	12.19	31.08	52.67	43.27	74.00	54.00	X/E
2413.00	Н	62.26	58.98	31.06	93.32	90.05			X/F
4824.12	Н	47.83	40.95	5.28	53.11	46.23	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of $^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{\circ}$
- (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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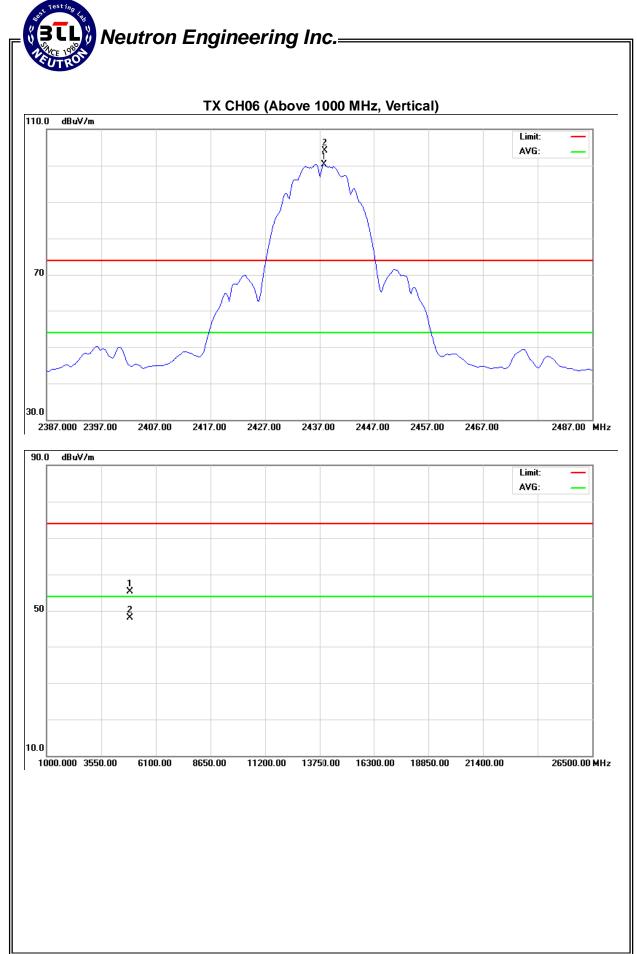


 -	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature :	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE 2437MHz		

Freq. Ant.Pol.	Reading		Ant./CF	Act.		Limit			
1164.	Ant.i Oi.	Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2438.00	V	73.09	69.32	31.05	104.14	100.70			X/F
4874.02	V	49.69	42.49	5.52	55.21	48.01	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of $^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{\circ}$
- (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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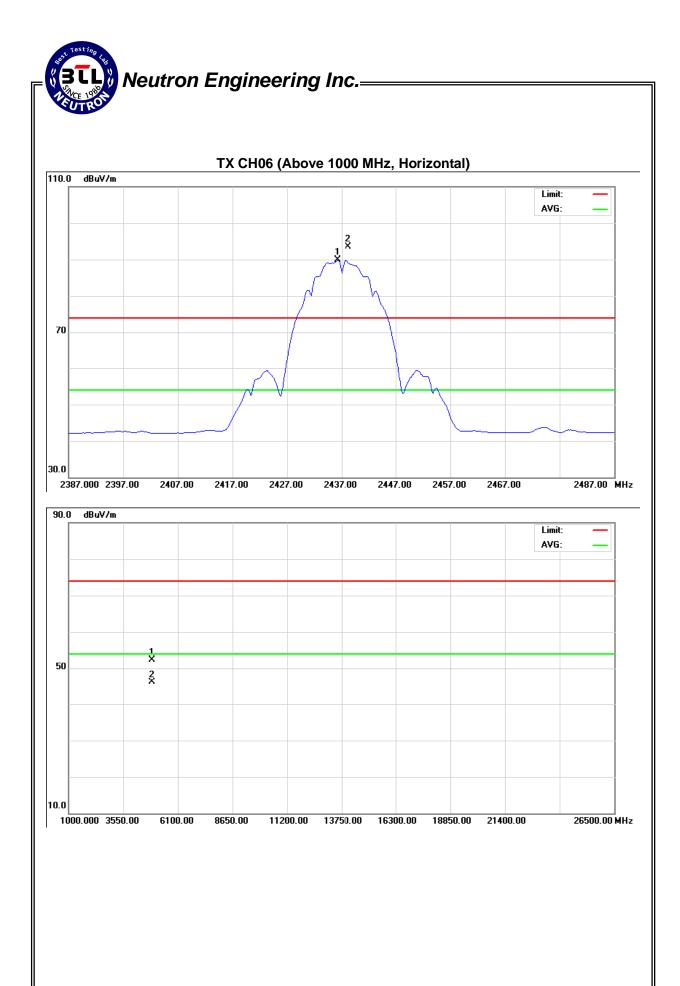


IFUI .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature :	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE 2437MHz		

Freq. Ant.I	Ant.Pol. Read	ding	Ant./CF	Act.		Limit			
i req.	Ant.i oi.	Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2438.20	Н	62.38	58.80	31.05	93.43	89.86			X/F
4874.02	Н	46.82	40.60	5.52	52.34	46.12	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of $^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{\circ}$
- (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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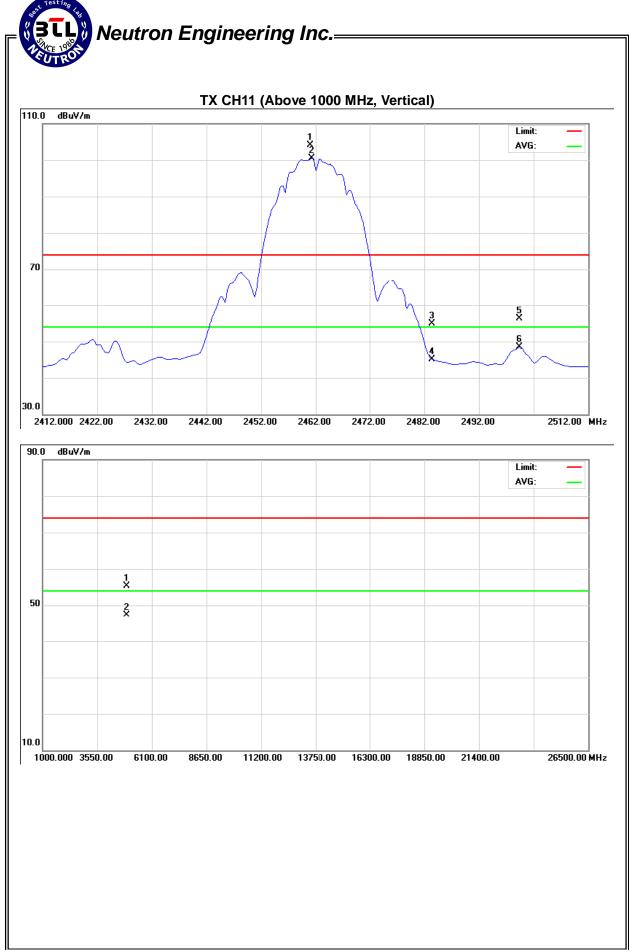


I=U1 .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE 2462MHz		

Freq.	Ant.Pol.	Rea	ding	Ant./CF	A	Act.		Limit		
		Peak	AV		Peak	AV	Peak	AV	Note	
(MHz)	Η/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)		
2461.00	V	73.15	69.53	31.04	104.19	100.57			X/F	
2483.50	V	23.97	13.99	31.03	55.00	45.02	74.00	54.00	X/E	
2499.40	V	25.34	17.43	31.02	56.36	48.45	74.00	54.00	X/E	
4924.10	V	49.60	41.45	5.76	55.36	47.21	74.00	54.00	X/H	

- (1) All readings are Peak unless otherwise stated QP in column of $^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{\circ}$
- (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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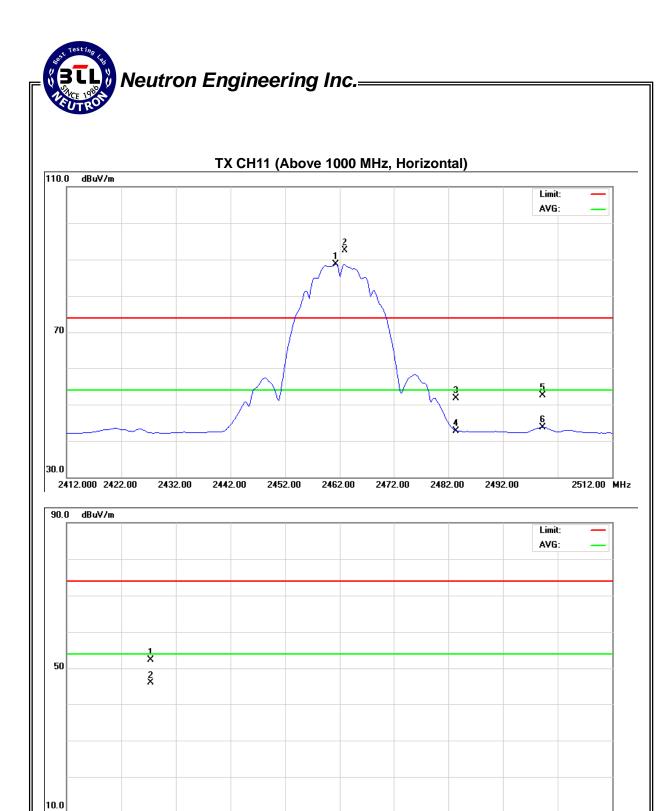


 	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE 2462MHz		

Freq.	Ant.Pol.	Rea	ding	Ant./CF	Α	ct.	Liı	mit	
		Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	Η/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2463.00	Н	61.39	57.63	31.04	92.43	88.67			X/F
2483.50	Н	20.74	11.69	31.03	51.77	42.72	74.00	54.00	X/E
2499.20	Н	21.49	12.70	31.02	52.51	43.72	74.00	54.00	X/E
4924.10	Н	46.60	40.16	5.76	52.36	45.92	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of $^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{\circ}$
- (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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6100.00

8650.00

11200.00

13750.00 16300.00

18850.00 21400.00

1000.000 3550.00

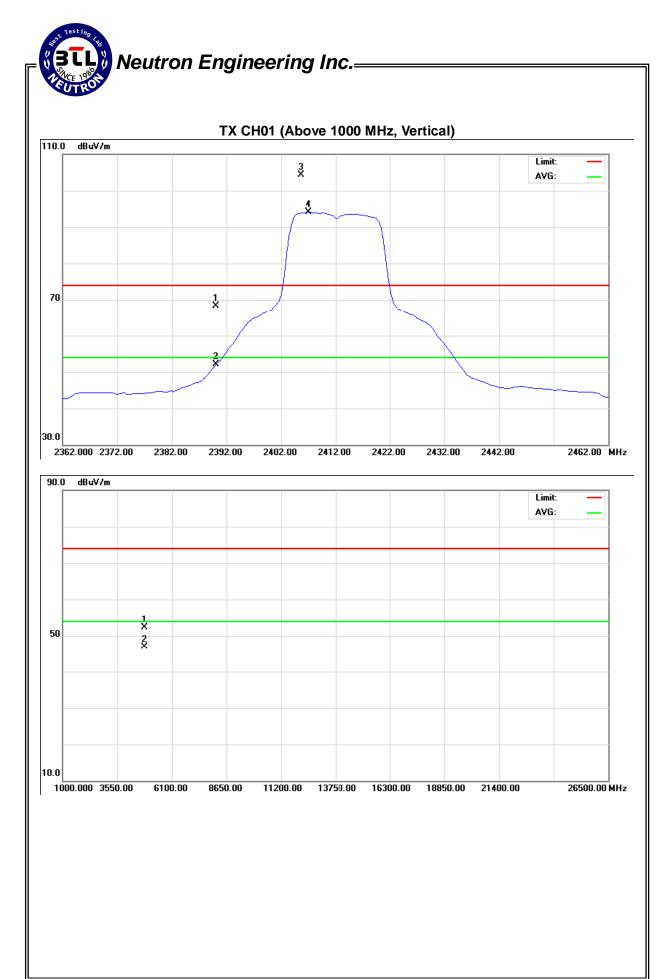
26500.00 MHz

I=U1 .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE 2412MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		
		Peak	AV		Peak	AV	Pe ak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	V	37.18	20.93	31.08	68.26	52.01	74.00	54.00	X/E
2405.60	V	73.17	62.93	31.08	104.24	94.01			X/F
4824.13	V	47.08	41.63	5.28	52.36	46.91	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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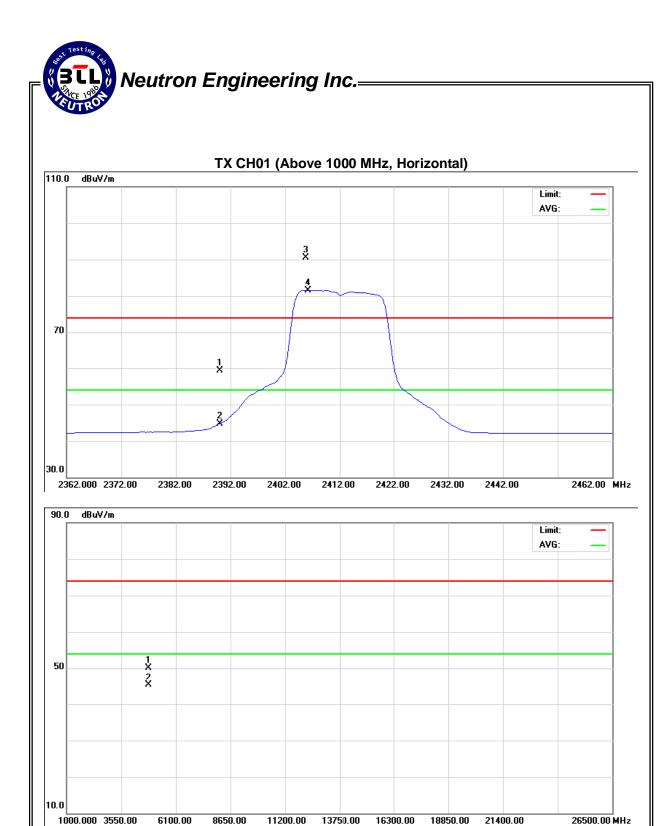


EUI.	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE 2412MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	A	Act.		Limit	
		Peak	AV		Peak	AV	Pe ak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	Н	28.32	13.72	31.08	59.40	44.80	74.00	54.00	X/E
2405.80	Н	59.48	50.53	31.07	90.55	81.60			X/F
4824.13	Н	44.91	40.08	5.28	50.19	45.36	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of $^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{\circ}$
- (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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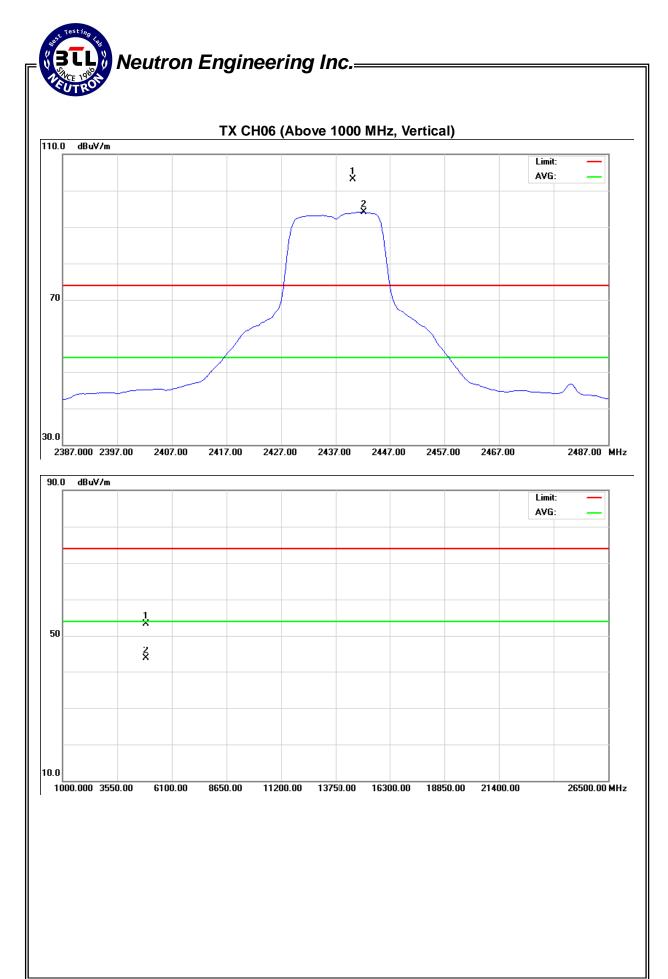


	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE 2437MHz		

Freg. An	Ant.Pol. R	Rea	ading Ant./CF		Act.		Limit		
i roq.	Ant.i Oi.	Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2440.20	V	72.12	62.97	31.05	103.17	94.03			X/F
4874.11	V	47.69	38.10	5.52	53.21	43.62	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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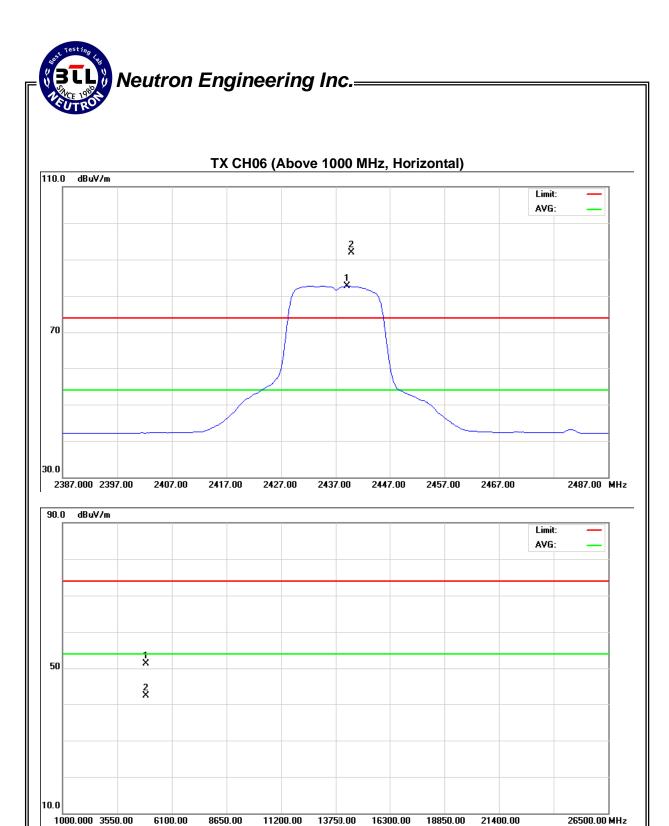


EUI.	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE 2437MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		
i req.	Ant.i oi.	Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2440.00	Н	60.90	51.72	31.05	91.95	82.77			X/F
4874.11	Н	45.80	36.84	5.52	51.32	42.36	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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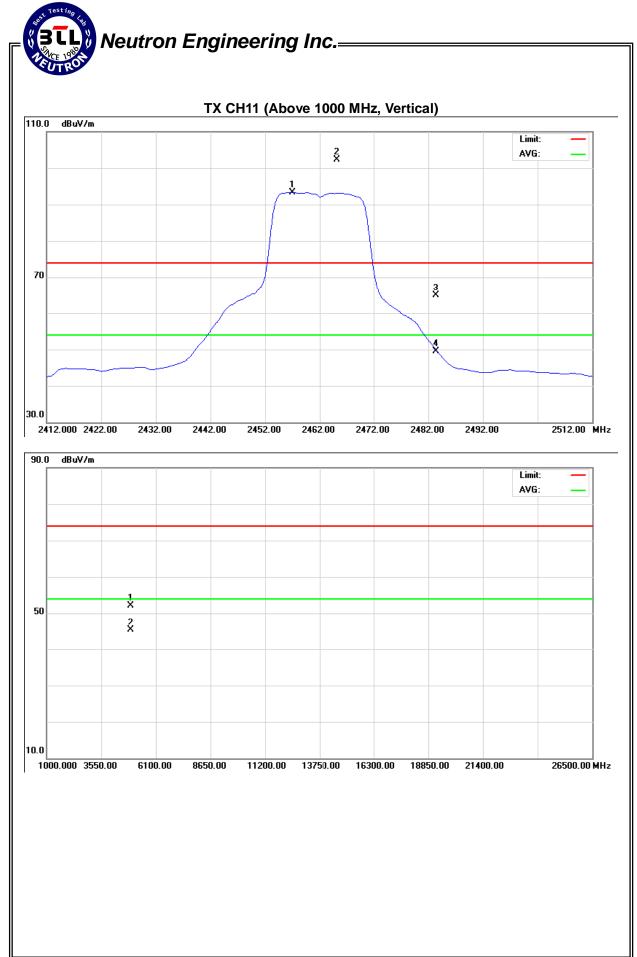


EUI.	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE 2462MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		
		Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	Η/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2465.20	٧	71.25	62.22	31.05	102.29	93.27			X/F
2483.50	V	33.88	18.53	31.03	64.91	49.56	74.00	54.00	X/E
4924.18	V	46.40	39.62	5.76	52.16	45.38	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of $^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{\circ}$
- (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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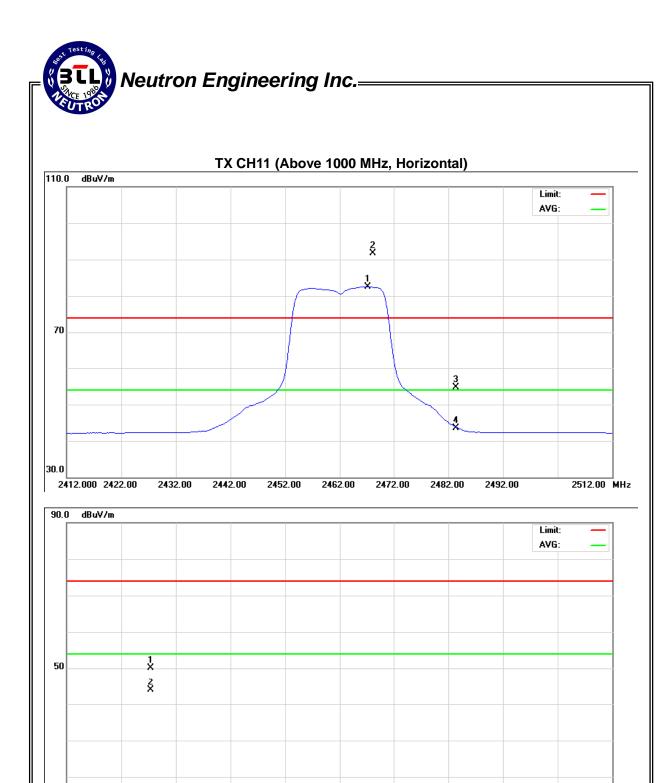


 	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE 2462MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Liı		
		Peak	ΑV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2468.20	Н	60.63	51.50	31.04	91.66	82.54			X/F
2483.50	Н	23.69	12.56	31.03	54.72	43.59	74.00	54.00	X/E
4924.18	Н	44.25	38.15	5.76	50.01	43.91	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of $^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{\circ}$
- (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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6100.00

8650.00

11200.00

13750.00 16300.00

18850.00 21400.00

10.0

1000.000 3550.00

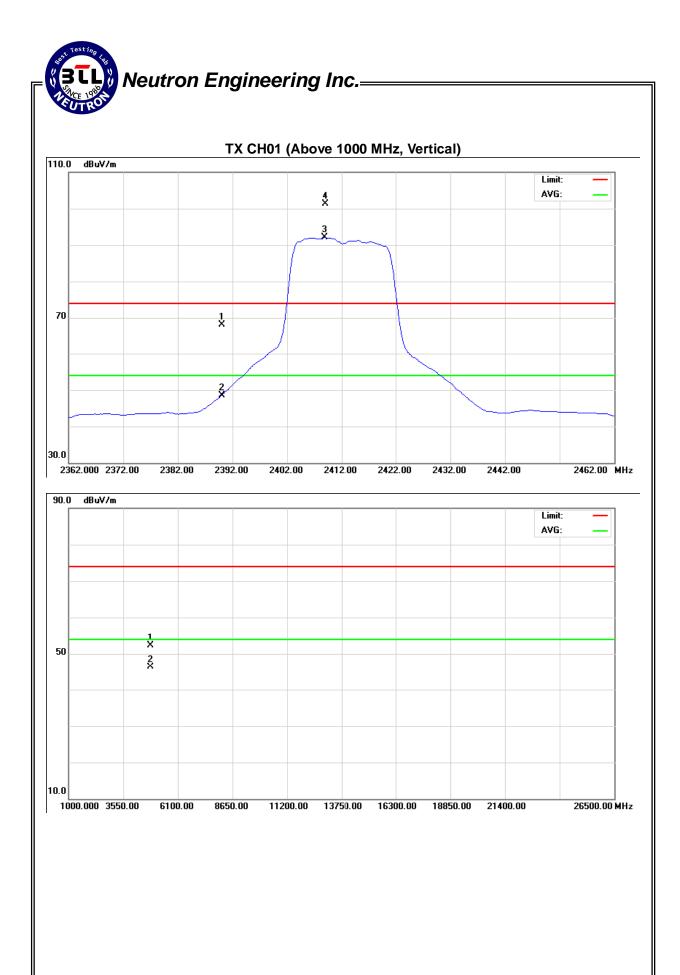
26500.00 MHz

	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature :	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE 2412MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Liı		
		Peak	AV		Peak	AV	Peak	AV	N ote
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	V	36.93	17.50	31.08	68.01	48.58	74.00	54.00	X/E
2409.00	٧	70.22	60.94	31.07	101.29	92.01			X/F
4823.92	V	47.06	40.97	5.28	52.34	46.25	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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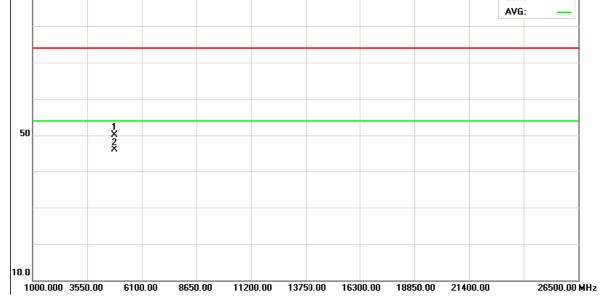
IFUI .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE 2412MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Liı		
		Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	Н	26.61	12.31	31.08	57.69	43.39	74.00	54.00	X/E
2406.20	Н	57.22	48.03	31.07	88.29	79.11			X/F
4823.92	Н	44.84	40.57	5.28	50.12	45.85	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of $^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{\circ}$
- (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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Neutron Engineering Inc.= TX CH01 (Above 1000 MHz, Horizontal) 110.0 dBuV/m Limit: AVG: X 70 30.0 2362.000 2372.00 2382.00 2462.00 MHz 2392.00 2402.00 2412.00 2422.00 2432.00 2442.00 90.0 dBuV/m Limit: AVG: 50

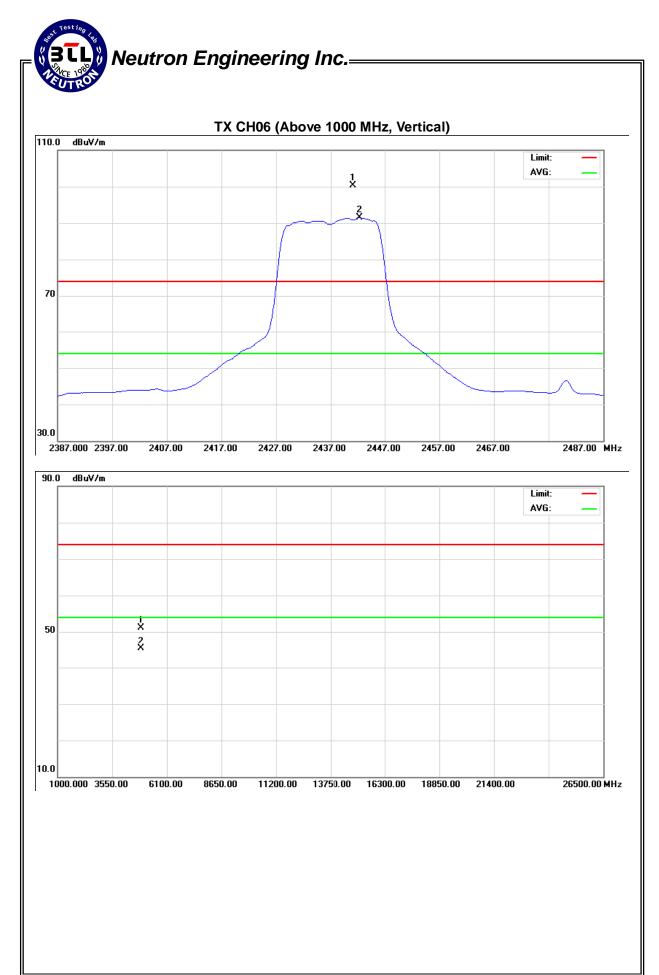


 -	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature :	23 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE 2437MHz		

Freq. Ant.Pol	Ant.Pol.	Reading		Ant./CF	Act.		Limit		
i roq.	Ant.i Oi.	Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2441.20	V	69.32	60.39	31.06	100.38	91.45			X/F
4874.21	V	45.50	39.69	5.52	51.02	45.21	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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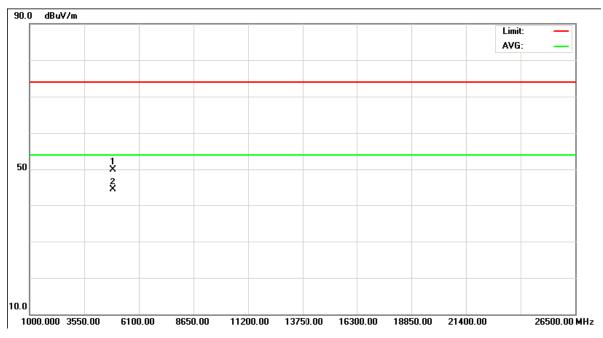
IFUI .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE 2437MHz		

Freg. Ant.Pol.	Reading		Ant./CF	Act.		Limit			
1164.	Ant.i oi.	Peak	AV		Peak	AV	Pe ak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2433.80	Н	58.93	49.11	31.05	89.98	80.16			X/F
4874.21	Н	44.35	38.73	5.52	49.87	44.25	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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Neutron Engineering Inc.= TX CH06 (Above 1000 MHz, Horizontal) 110.0 dBuV/m Limit: AVG: 1 X 70 30.0 2387.000 2397.00 2487.00 MHz 2407.00 2417.00 2427.00 2437.00 2447.00 2457.00 2467.00 90.0 dBuV/m

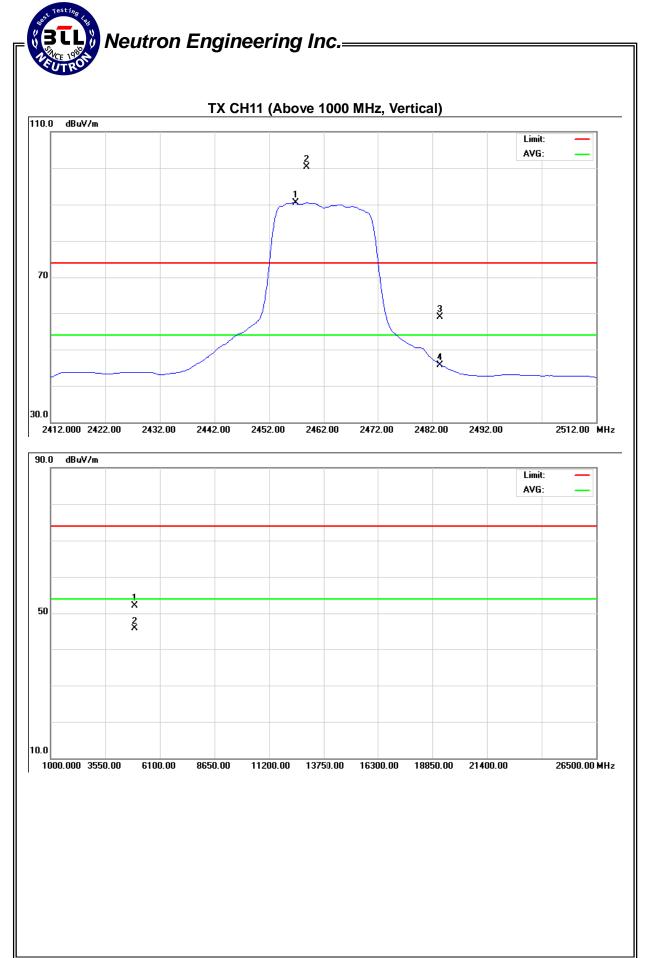


I=U1 .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE 2462MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		
		Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2458.80	٧	69.17	59.42	31.04	100.21	90.47			X/F
2483.50	V	27.79	14.67	31.03	58.82	45.70	74.00	54.00	X/E
4924.05	V	46.36	39.95	5.76	52.12	45.71	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of $^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{\circ}$
- (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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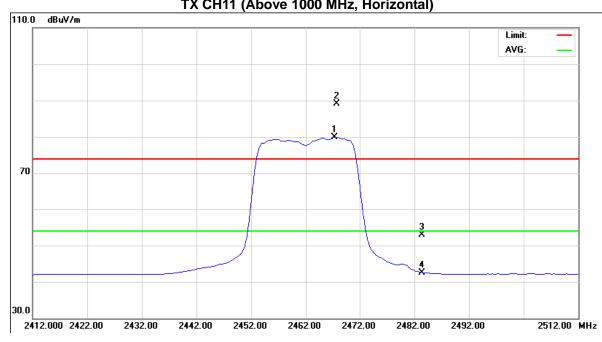
 	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE 2462MHz		

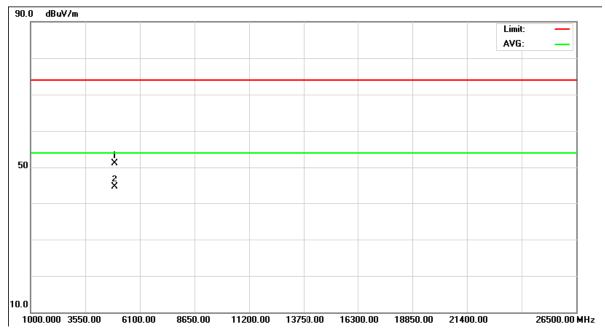
Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Liı		
		Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2467.80	Н	58.02	48.86	31.03	89.05	79.90			X/F
2483.50	Н	21.86	11.53	31.03	52.89	42.56	74.00	54.00	X/E
4924.05	Н	45.25	38.79	5.76	51.01	44.55	74.00	54.00	X/H

- (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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Neutron Engineering Inc. TX CH11 (Above 1000 MHz, Horizontal)





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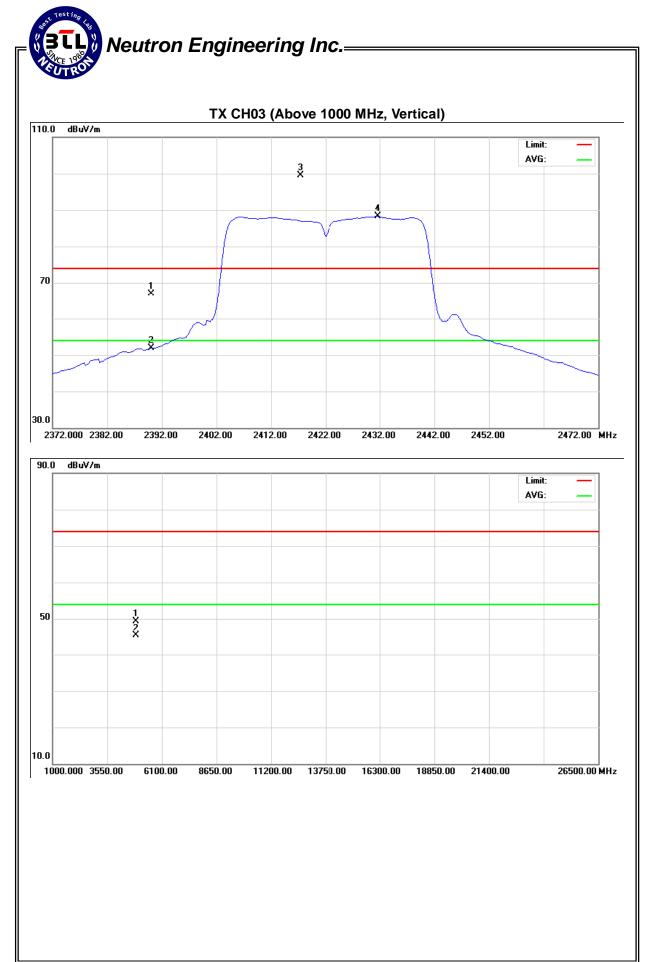
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	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE 2422MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Liı		
		Peak	AV		Peak	AV	Peak	AV	N ote
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	V	35.76	20.81	31.08	66.84	51.89	74.00	54.00	X/E
2417.40	٧	68.51	57.20	31.07	99.58	88.26			X/F
4844.15	V	43.95	39.94	5.37	49.32	45.31	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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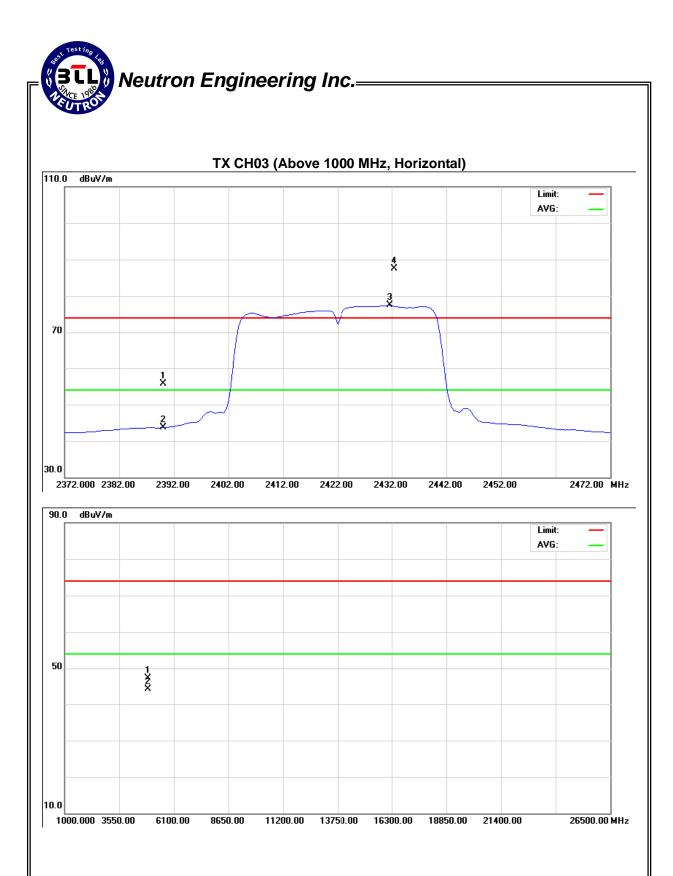


IFUI .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE 2422MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Liı		
		Peak	AV		Peak	AV	Peak	AV	N ote
(MHz)	Η/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	Н	24.62	12.56	31.08	55.70	43.64	74.00	54.00	X/E
2432.40	Н	56.42	46.35	31.05	87.48	77.41			X/F
4844.15	Н	41.84	38.75	5.37	47.21	44.12	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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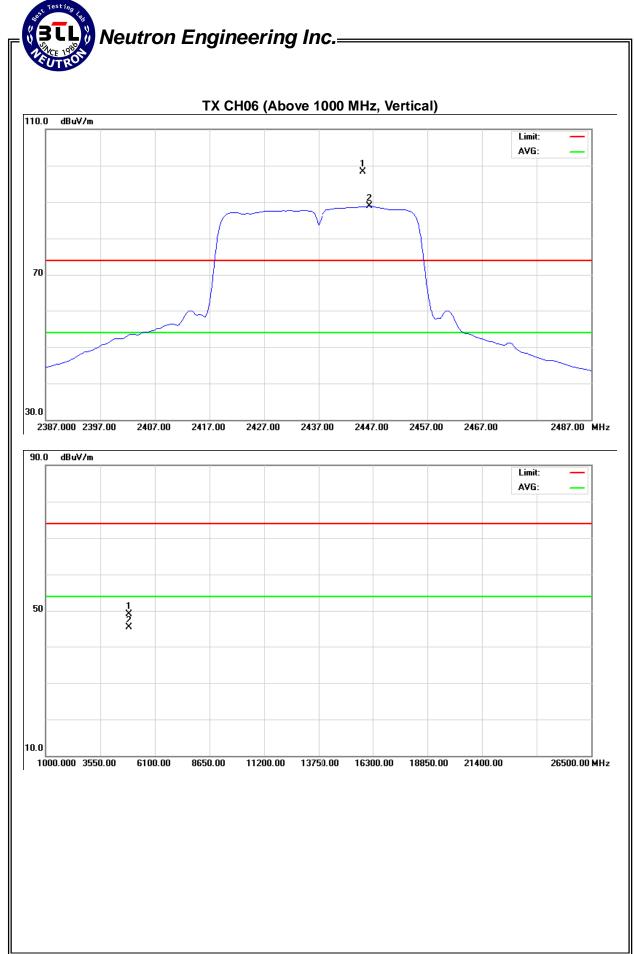


IFUI .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE 2437MHz		

Freq. Ant.Pol.	Ant Pol	Reading		Ant./CF	Act.		Limit		
	Peak	AV		Peak	AV	Peak	AV	Note	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2445.20	V	67.31	57.82	31.05	98.36	88.87			X/F
4873.93	V	43.49	39.82	5.52	49.01	45.34	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of $^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{\circ}$
- (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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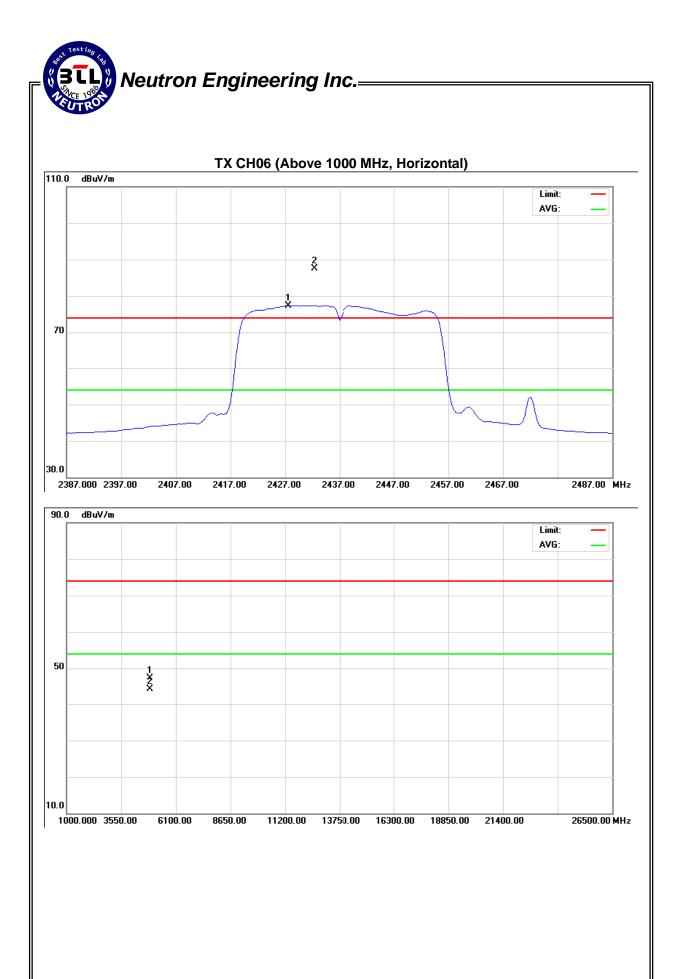


IFUI .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE 2437MHz		

Freg. Ant	Ant.Pol. Rea	ding Ant./CF		Act.		Limit			
i req.	Ant.i oi.	Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2432.40	Н	56.40	46.31	31.06	87.46	77.37			X/F
4873.93	Н	41.69	38.54	5.52	47.21	44.06	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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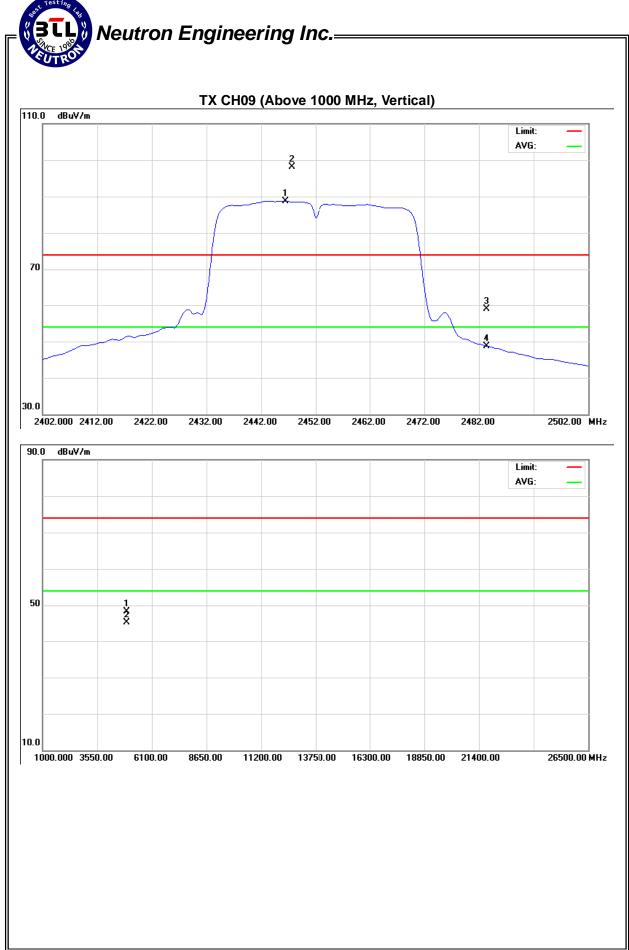


IFUI .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure :	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE 2452MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		
		Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2447.60	٧	67.05	57.64	31.04	98.09	88.69			X/F
2483.50	V	27.92	17.61	31.03	58.95	48.64	74.00	54.00	X/E
4904.16	V	42.66	39.35	5.66	48.32	45.01	74.00	54.00	X/H

- (1) All readings are Peak unless otherwise stated QP in column of $^{\mathbb{F}}$ Note $_{\mathbb{J}}$. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform $_{\circ}$
- (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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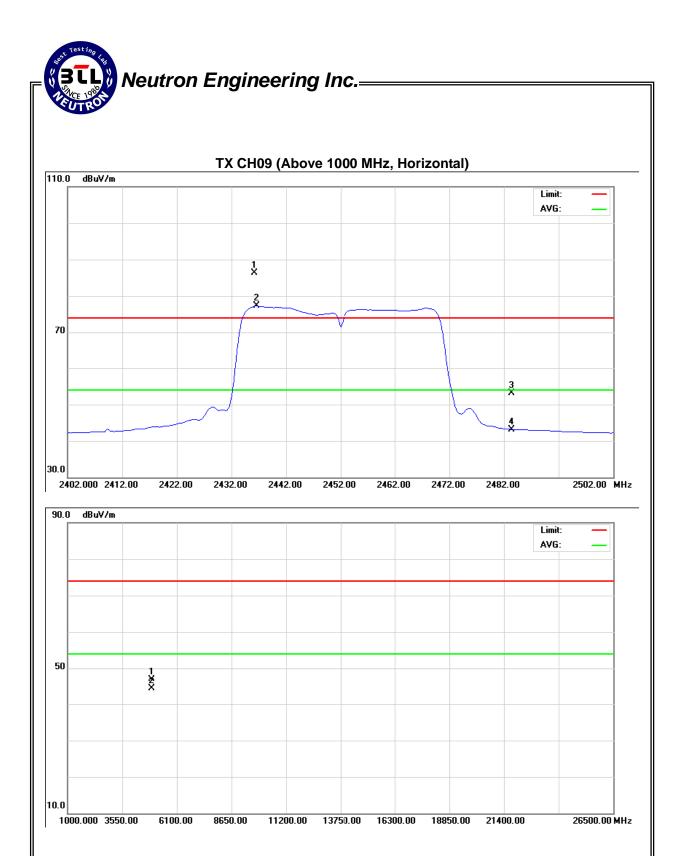


	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	23 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE 2452MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Liı		
		Peak	AV		Peak	AV	Peak	AV	Note
(MHz)	Η/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2436.20	Н	55.31	46.16	31.06	86.37	77.22			X/F
2483.50	Н	22.11	12.16	31.03	53.14	43.19	74.00	54.00	X/E
4904.16	Н	41.32	38.69	5.66	46.98	44.35	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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5. BANDWIDTH TEST

5.1 Applied procedures / limit

FCC Part15 (15.247) , Subpart C				
Section Test Item Limit Frequency Range (MHz) Result				Result
15.247(a)(2)	Bandwidth	>= 500KHz (6dB 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	Jan. 05, 2011

Remark: "N/A" denotes No Model Name., Serial No. or No Calibration specified.

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=100KHz, Sweep time = 5 ms.

5.1.3 DEVIATION FROM STANDARD

No deviation.

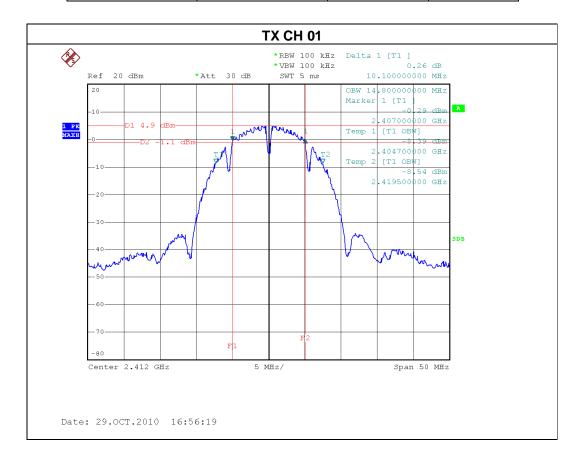
Neutron Engineering I	nc
1.4 TEST SETUP	
EUT	SPECTRUM
	ANALYZER
1.5 EUT OPERATION CONDITIONS	
ne EUT tested system was configured as the	statements of 4.1.6 Unless otherwise a speci-
perating condition is specified in the follows du	iring the testing.

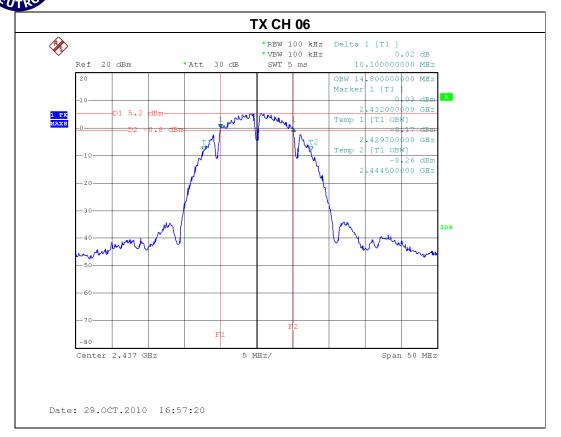
Report No.: NEI-FCCP-1-1009C189

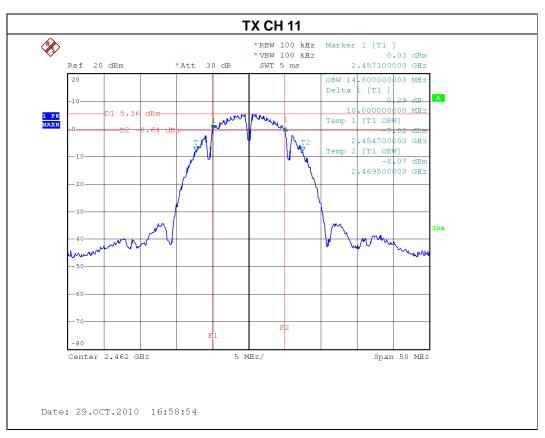
5.1.6 TEST RESULTS

 	300Mbps Wireless-N Broadband Router	Model Name. :	WF-2404	
Temperature :	24 ℃	Relative Humidity:	60 %	
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz	
Test Mode : TX B MODE /CH01, CH06, CH11				

Test Channel	Frequency	Bandwidth	LIMIT
rest orialine	(MHz)	(MHz)	(MHz)
CH01	2412	10.10	>=500KHz
CH06	2437	10.10	>=500KHz
CH11	2462	10.00	>=500KHz

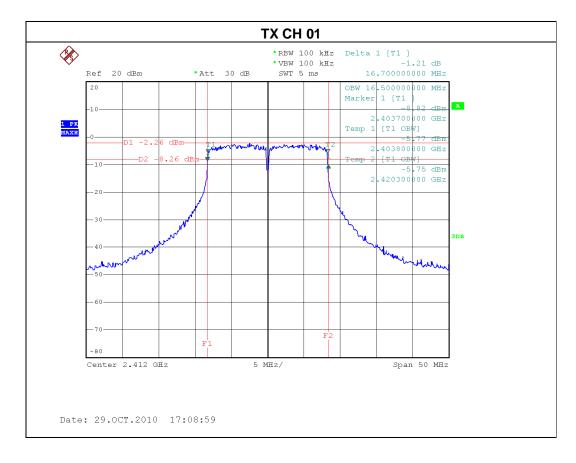




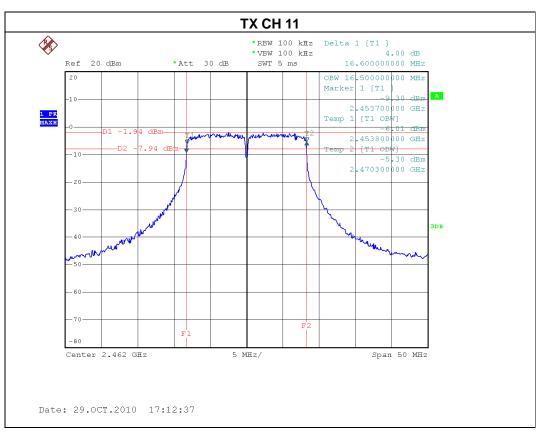


	300Mbps Wireless-N Broadband Router	Model Name. :	WF-2404	
Temperature:	24 ℃	Relative Humidity:	60 %	
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz	
Test Mode : TX G MODE /CH01, CH06, CH11				

Test Channel	Frequency (MHz)	Bandwidth (MHz)	LIMIT (MHz)
CH01	2412	16.70	>=500KHz
CH06	2437	16.60	>=500KHz
CH11	2462	16.60	>=500KHz

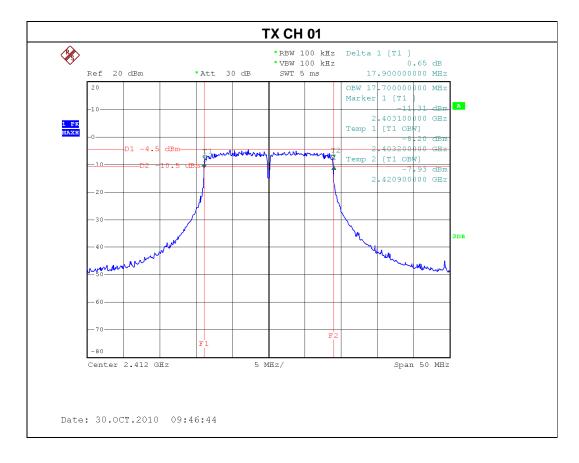




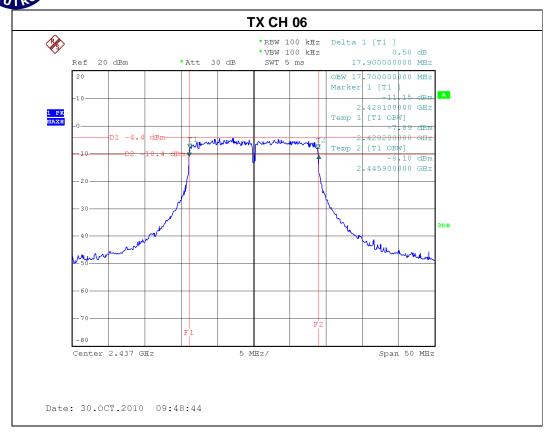


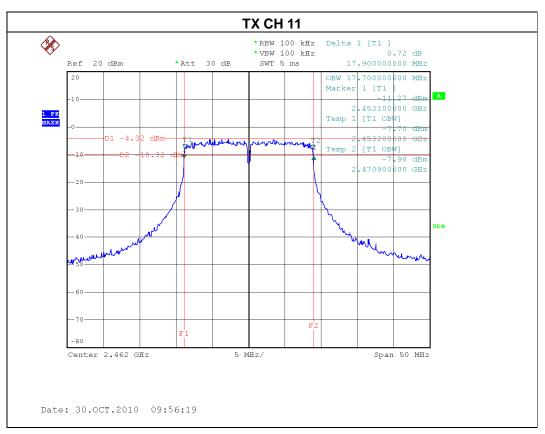
	300Mbps Wireless-N Broadband Router	Model Name. :	WF-2404
Temperature :	24 ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode : TX N MODE -20MHz/ CH01, CH06, CH11 ANT 1			

Test Channel	Frequency	Bandwidth	LIMIT
Tool Gridinion	(MHz)	(MHz)	(MHz)
CH01	2412	17.90	>=500KHz
CH06	2437	17.90	>=500KHz
CH11	2462	17.90	>=500KHz



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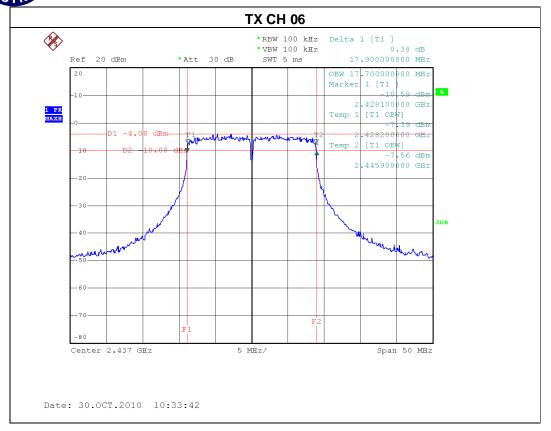


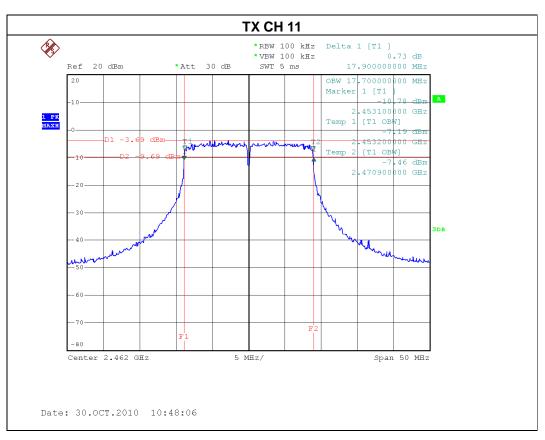


 - .	300Mbps Wireless-N Broadband Router	Model Name. :	WF-2404	
Temperature :	24 ℃	Relative Humidity:	60 %	
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz	
Test Mode : TX N MODE -20MHz/ CH01, CH06, CH11				

Test Channel	Frequency (MHz)	Bandwidth (MHz)	LIMIT (MHz)
CH01	2412	17.90	>=500KHz
CH06	2437	17.90	>=500KHz
CH11	2462	17.90	>=500KHz

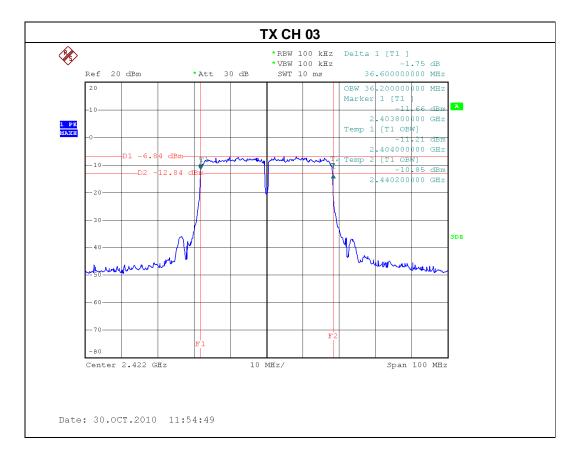


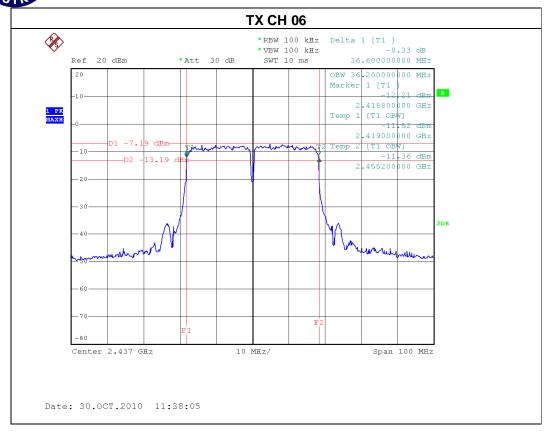


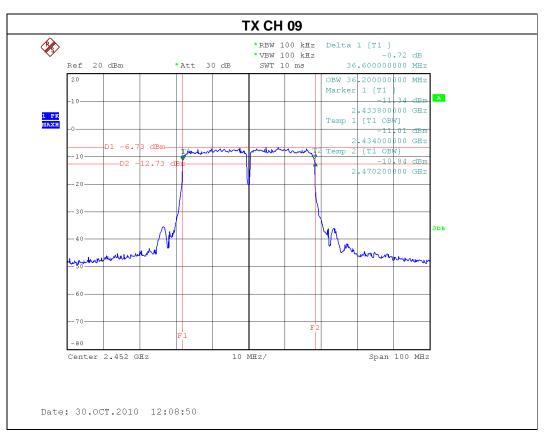


	300Mbps Wireless-N Broadband Router	Model Name. :	WF-2404
Temperature:	24 ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode : TX N MODE -40MHz/ CH03, CH06, CH09			

Test Channel	Frequency	Bandwidth	LIMIT
rest orialine	(MHz)	(MHz)	(MHz)
CH03	2422	36.60	>=500KHz
CH06	2437	36.60	>=500KHz
CH09	2452	36.60	>=500KHz







6. PEAK 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

Ite	em	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
	1	Power Meter	Anritsu	ML2487A	6K00004714	Feb. 10, 2011
2	2	Power Meter Sensor	Anritsu	MA2491A	34138	Feb. 10, 2011

Remark: "N/A" denotes No Model Name., Serial No. or No Calibration specified.

6.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

6.1.3 DEVIATION FROM STANDARD

No deviation.

6.1.4 TEST SETUP

EUT	POWER	METER
	POWLK	MLILIX

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

	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404	
Temperature:	24 ℃	Relative Humidity:	60 %	
Pressure :	1016 hPa	Test Voltage :	AC 120V/60Hz	
Test Mode :	TX B MODE /CH01, CH06, CH11			

Peak Output Power

Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH01	2412 MHz	17.01	30	1
CH06	2437 MHz	16.84	30	1
CH11	2462 MHz	16.93	30	1

EUI .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404	
Temperature:	24 ℃	Relative Humidity:	60 %	
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz	
Test Mode :	TX G MODE /CH01, CH06, CH11			

Peak Output Power

Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH01	2412 MHz	20.10	30	1
CH06	2437 MHz	20.36	30	1
CH11	2462 MHz	20.47	30	1

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 	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404		
Temperature :	24 ℃	Relative Humidity:	60 %		
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz		
Test Mode :	: TX N-20M MODE /CH01, CH06, CH11(the MIMO mode enabled)				

Peak Output Power

Ant 1						
Test Channel Frequency Peak Out		put Power	LIMIT	LIMIT		
rest orialmer	(MHz)	(dBm) (W)		(dBm)	(W)	
CH01	2412	16.35	0.0432	30	1	
CH06	2437	16.85	0.0484	30	1	
CH11	2462	16.89	0.0489	30	1	

Peak Output Power

Ant 2						
Test Channel	Frequency	Peak Out	put Power	LIMIT	LIMIT	
rest Gridiniei	(MHz)	(dBm) (W)		(dBm)	(W)	
CH01	2412	16.03	0.0401	30	1	
CH06	2437	15.71	0.0372	30	1	
CH11	2462	15.48	0.0353	30	1	

Peak Output Power

Total (Ant 1 + Ant 2)						
Test Channel	Frequency	Peak Out	put Power	LIMIT	LIMIT	
rest orialine	(MHz)	(dBm)	(W)	(dBm)	(W)	
CH01	2412	19.35	0.0832	30	1	
CH06	2437	19.85	0.0857	30	1	
CH11	2462	19.89	0.0842	30	1	

Remark:

- (1) The MIMO test requirement, RF conducted output power shall measure each transmitter chain by using channel power method.

 And after obtain each individual transmitter chain power, then sum the output power by using the following formula:

 ((dBm/Chain 1)/10^Log) + ((dBm/Chain 2)/10^log) + ((dBm/ChainN)/10^log) = Combined peak output power in mW.
- (2) Antenna Gain=3 dBi.

 - .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature :	24 ℃	Relative Humidity:	60 %
Pressure :	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE /CH03, CH06, CH09(the MIMO mode enabled)		

Peak Output Power

	Ant 1					
Test Channel	Frequency	Peak Out	put Power	LIMIT	LIMIT	
rest channel	(MHz)	(dBm)	(W)	(dBm)	(W)	
CH03	2422	15.46	0.0352	29.42	0.8750	
CH06	2437	15.72	0.0373	29.42	0.8750	
CH09	2452	15.62	0.0365	29.42	0.8750	

Peak Output Power

	Ant 2					
Test Channel	Frequency	Peak Out	put Power	LIMIT	LIMIT	
rest orialine	(MHz)	(dBm) (W)		(dBm)	(W)	
CH03	2422	15.78	0.0378	29.42	0.8750	
CH06	2437	15.35	0.0343	29.42	0.8750	
CH09	2452	15.50	0.0355	29.42	0.8750	

Peak Output Power

Total (Ant 1 + Ant 2)					
Test Channel	Frequency	Peak Output Power (dBm) (W)		LIMIT	LIMIT
rest channel	(MHz)			(dBm)	(W)
CH03	2422	18.78	0.0730	30	1
CH06	2437	18.72	0.0716	30	1
CH09	2452	18.62	0.0720	30	1

Remark:

- (1) The MIMO test requirement, RF conducted output power shall measure each transmitter chain by using channel power method.

 And after obtain each individual transmitter chain power, then sum the output power by using the following formula:

 ((dBm/Chain 1)/10^Log) + ((dBm/Chain 2)/10^log) + ((dBm/ChainN)/10^log) = Combined peak output power in mW.
- (2) Antenna Gain=3 dBi.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 Applied procedures / limit

30dBc 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
Above 960	500	3

7.1.1 MEASUREMENT INSTRUMENTS LIST

Ite	m Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP_40	100129	Jan. 05, 2011

Remark: "N/A" denotes No Model Name., Serial No. or No Calibration specified.

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=100KHz, Sweep time = 10 ms.

7.1.3 DEVIATION FROM STANDARD

No deviation.

7.1.4 TEST SETUP



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

	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature :	24 ℃	Relative Humidity:	60 %
Pressure :	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE /CH01, CH06 , CH11		

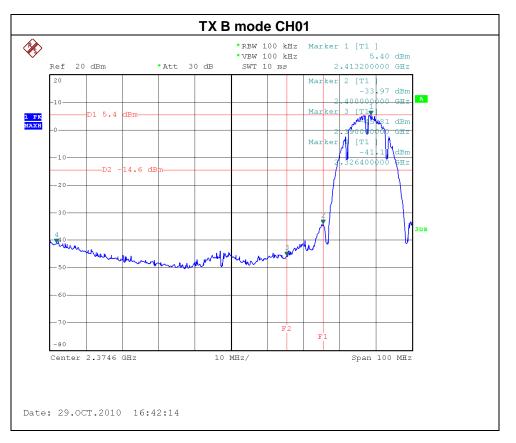
	Channel of Worst Data: CH01				
The max. radio frequency power in any 100kHz bandwidth outside the frequency band bandwidth within the frequency band.					
FREQUENCY(MHz) POWER(dBm) FREQUENCY(MHz) POWER(dBm)					
2326.40 -41.11 2500.00 -43.34					
	Popult				

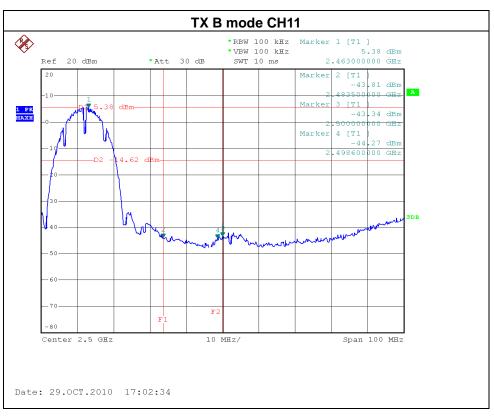
Resul

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.

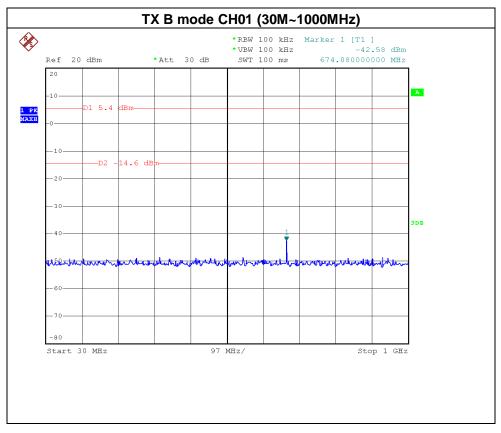
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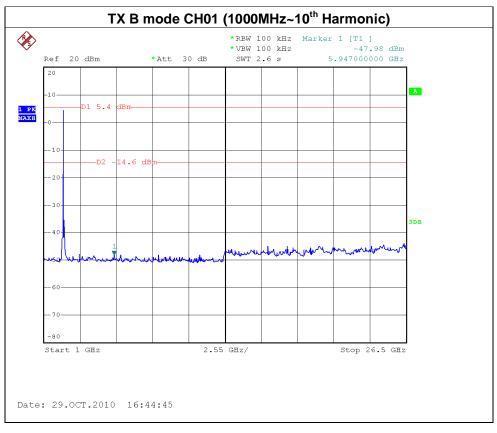






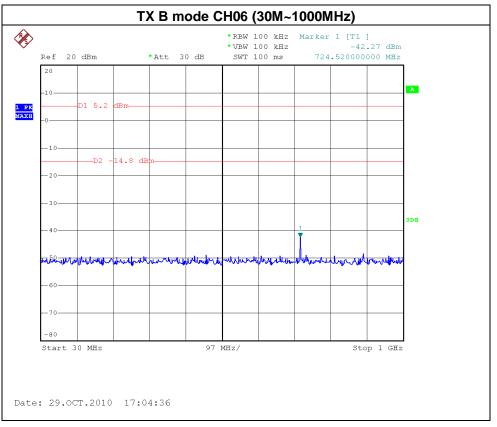


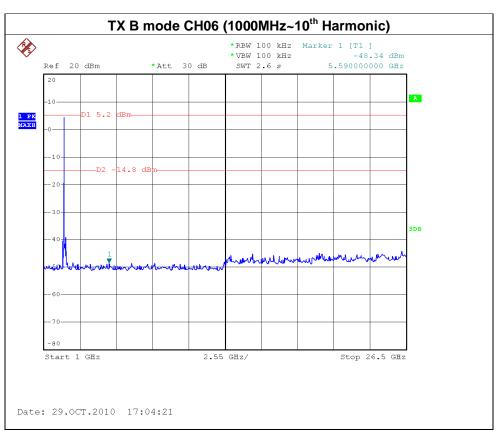




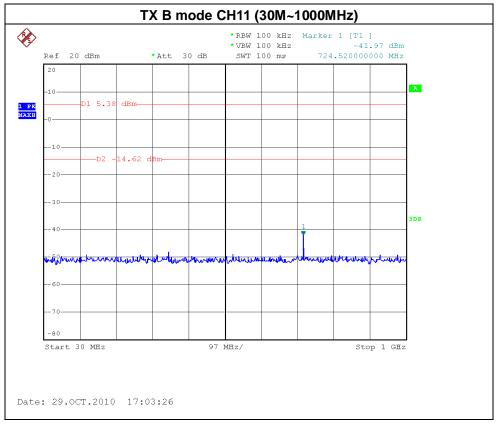
Report No.: NEI-FCCP-1-1009C189

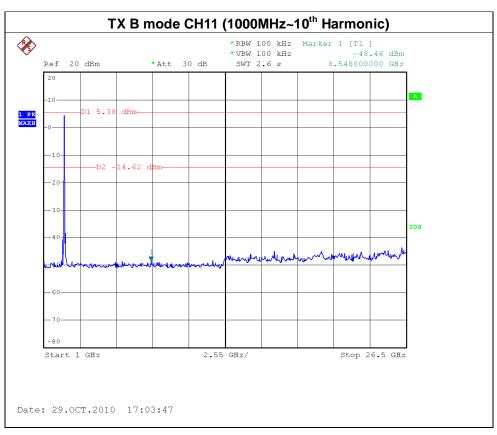
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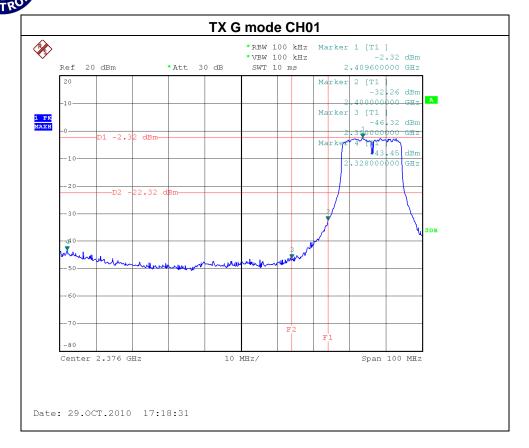
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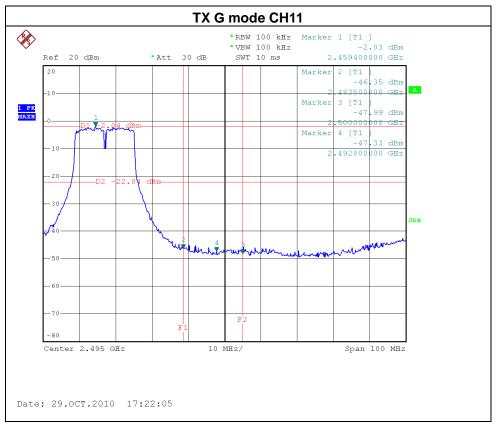
 - .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature :	24 ℃	Relative Humidity:	60 %
Pressure :	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE / CH01, CH06 , CH11		

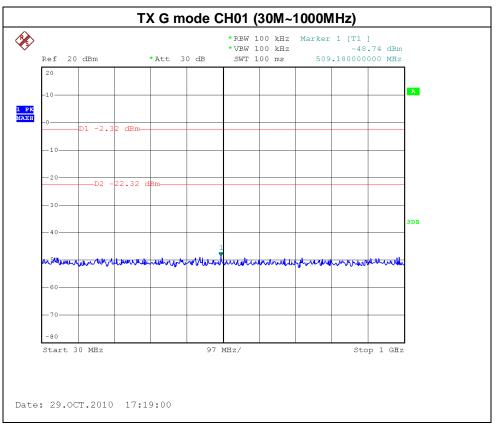
Channel of Worst Data: CH01				
The max. radio frequency power in any 100kHz bandwidth outside the frequency band bandwidth within the frequency band.				
FREQUENCY(MHz) POWER(dBm) FREQUENCY(MHz) POWER			POWER(dBm)	
2328.00 -43.45 2483.50 -46.35				
Result				

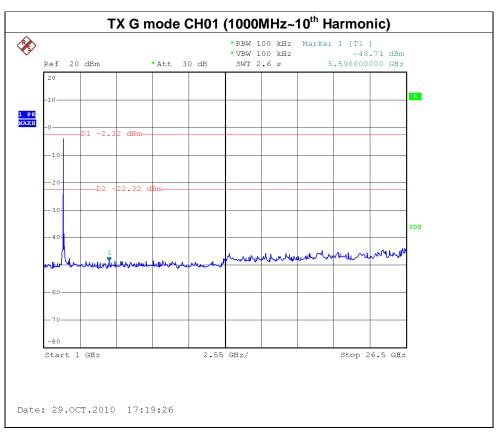
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power.

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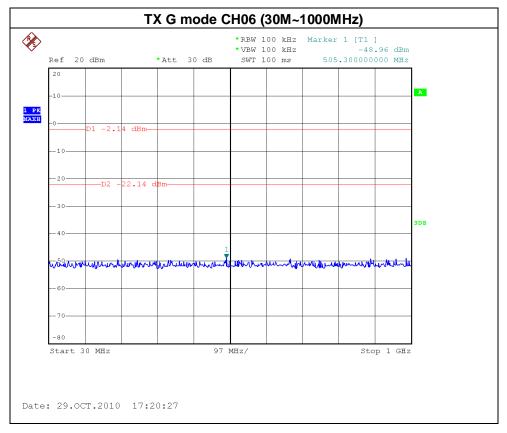


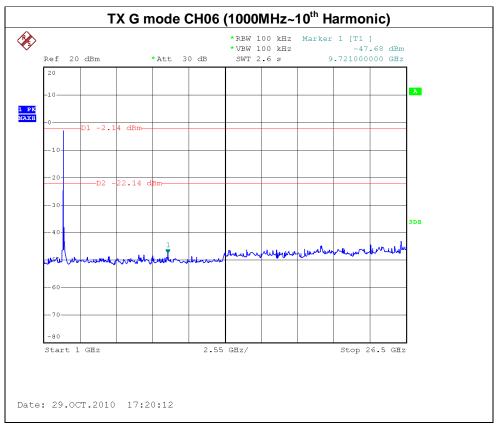






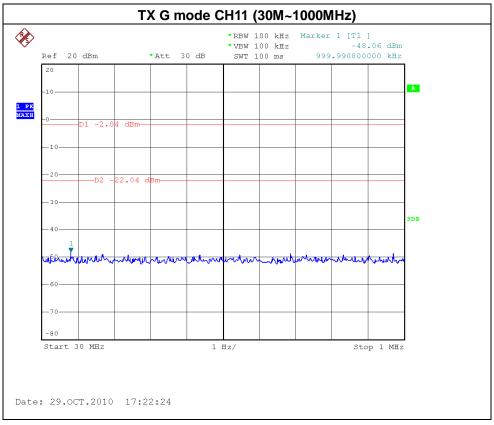
Report No.: NEI-FCCP-1-1009C189

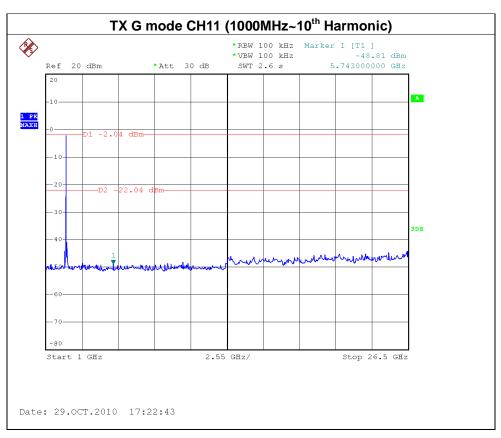




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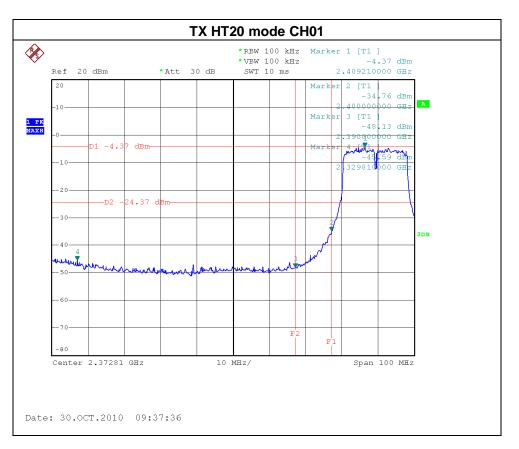
H-111 .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature :	24 ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	lode : TX N-20M MODE / CH01, CH06 , CH11 ANT 1		

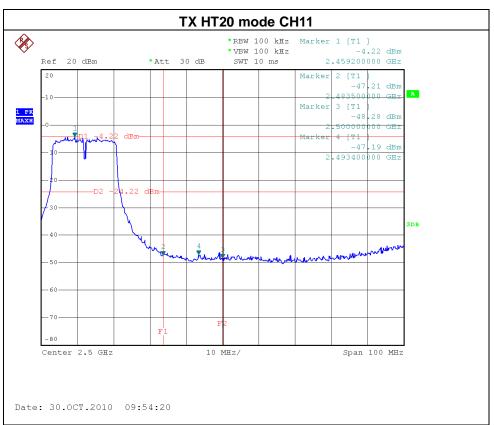
	Channel of Worst Data: CH01				
The max. radio frequency power in any 100kHz bandwidth outside the frequency band The max. radio frequency power in any 100 kH bandwidth within the frequency band.					
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)		
2329.10 -45.59 2493.40 -47.19					
Result					

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.

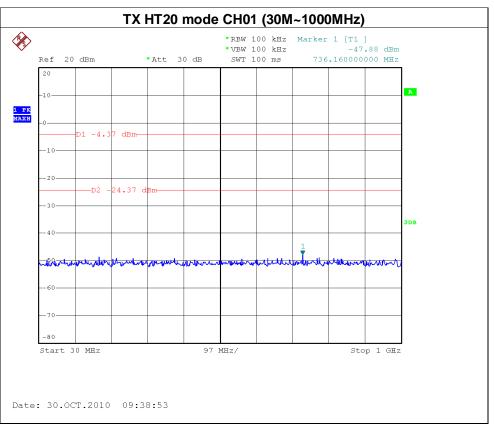
Report No.: NEI-FCCP-1-1009C189

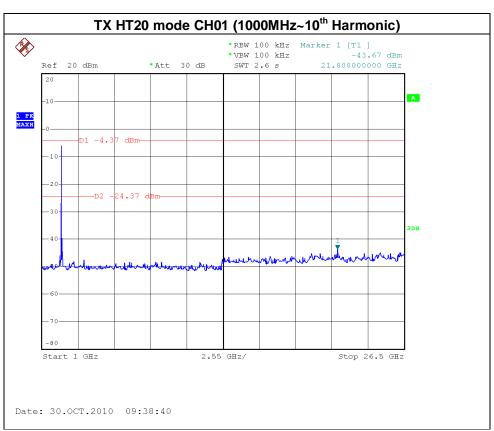




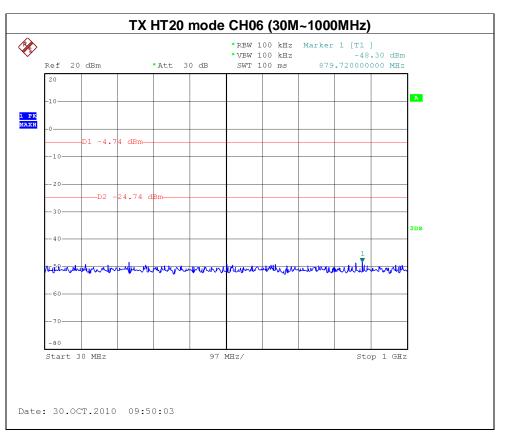


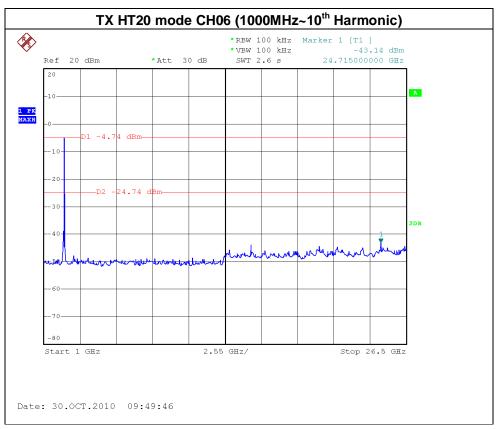




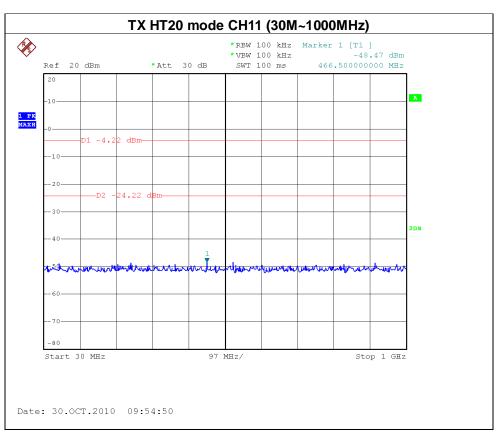


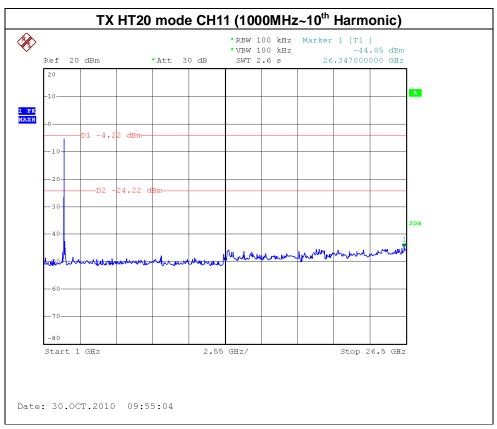












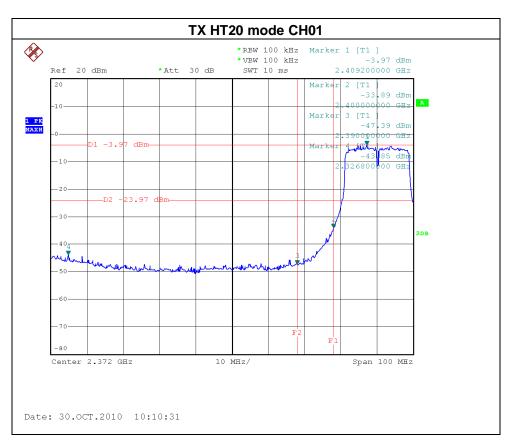
- () (·	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature :	24 ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE / CH01, CH06 , CH11 ANT 2		

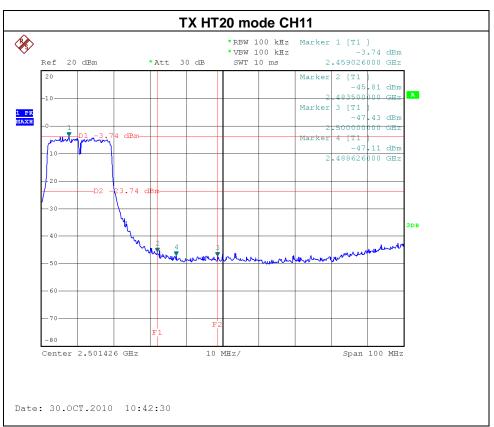
Channel of Worst Data: CH01					
The max. radio frequent		The max. radio frequency power in any 100 kHz bandwidth within the frequency band.			
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)		
2326.80	-43.85	2483.50	-45.81		
Result					

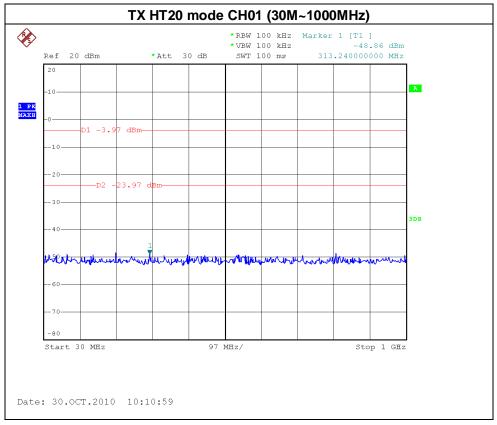
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power.

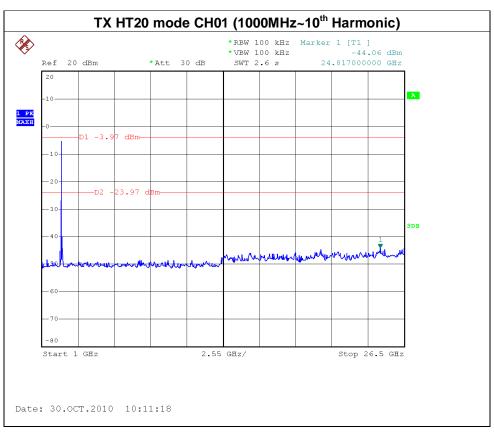
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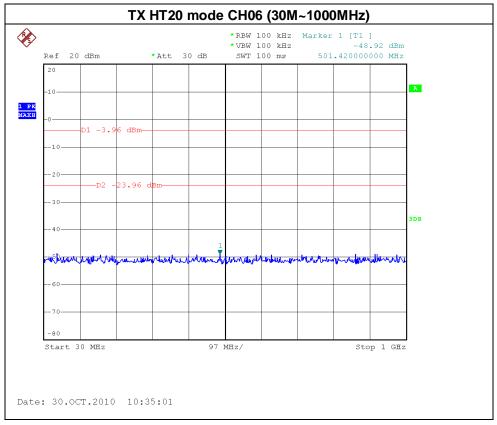


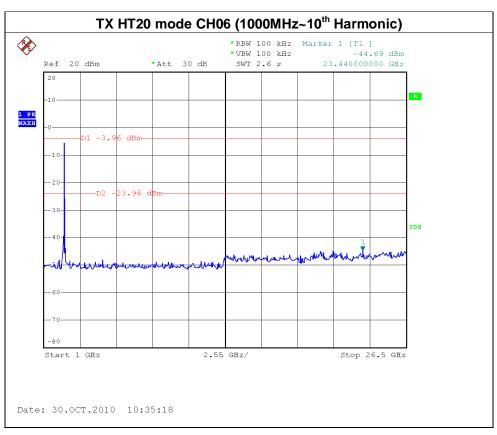


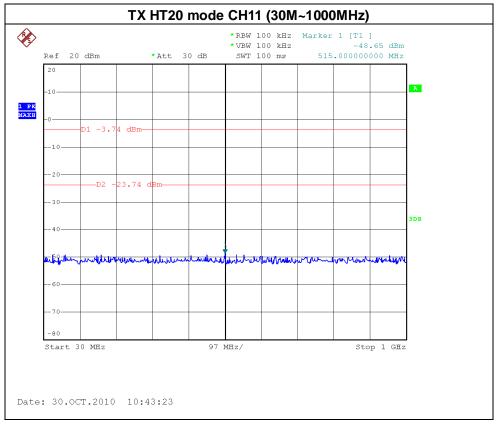


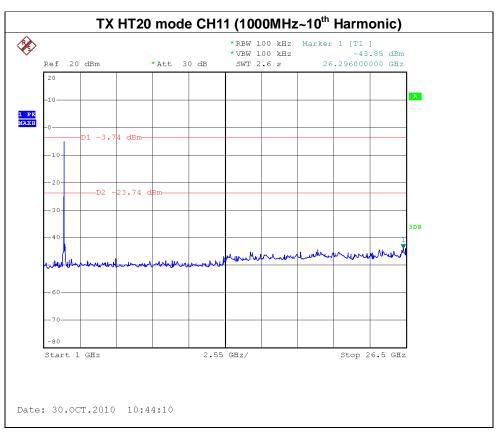












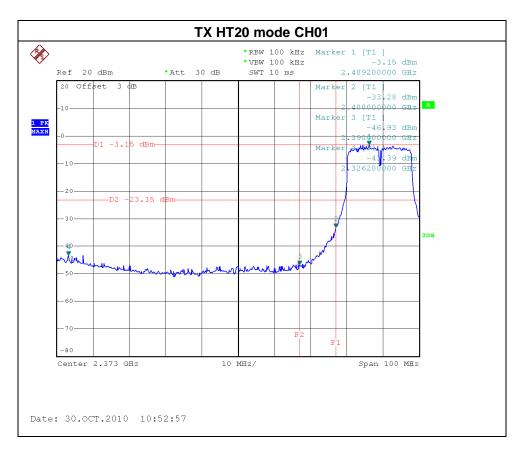
 - .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	24 ℃	Relative Humidity:	60 %
Pressure :	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE / CH01, CH06 , CH11 WITH COMBINER		

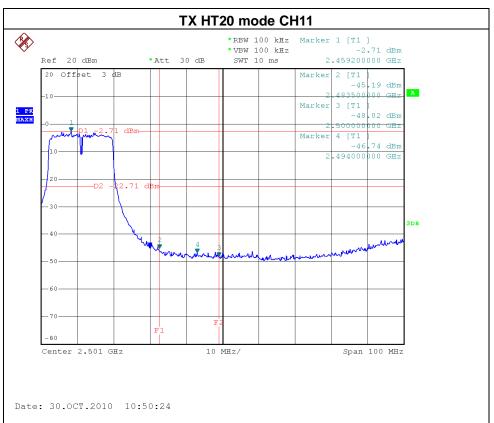
Channel of Worst Data: CH01				
The max. radio frequency power in any 100kHz bandwidth outside the frequency band bandwidth within the frequency band.				
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)	
2326.20 -43.39 2483.50 -45.19				
Result				

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.

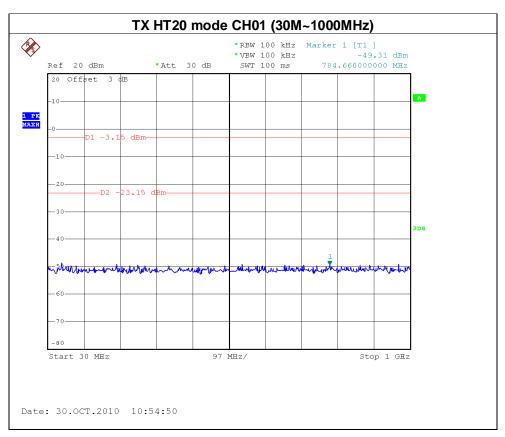
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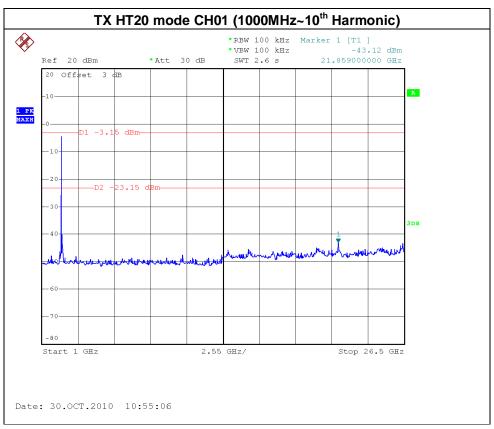




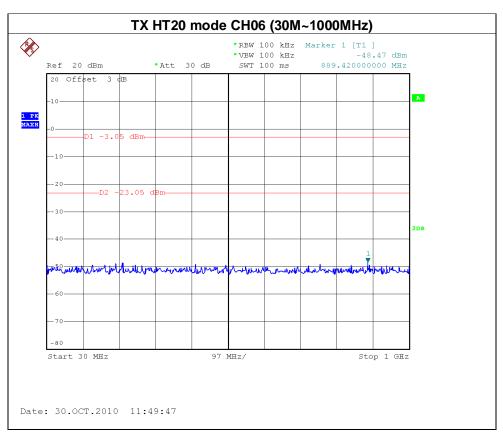


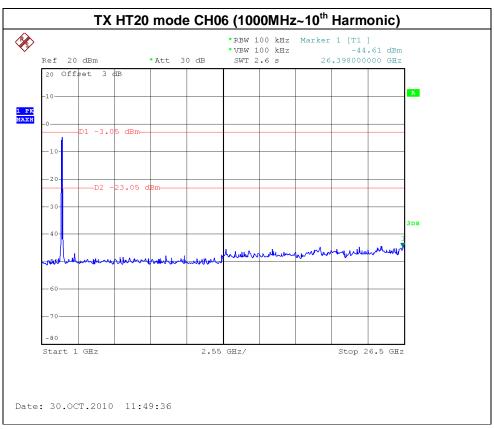






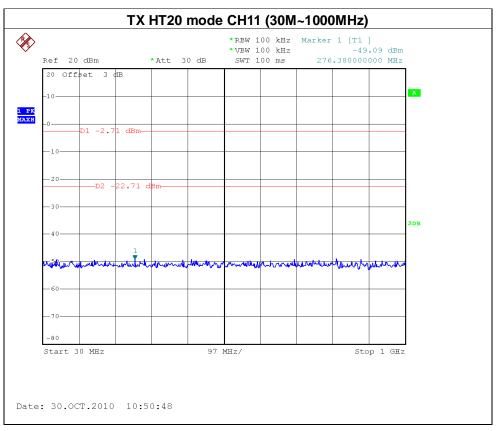


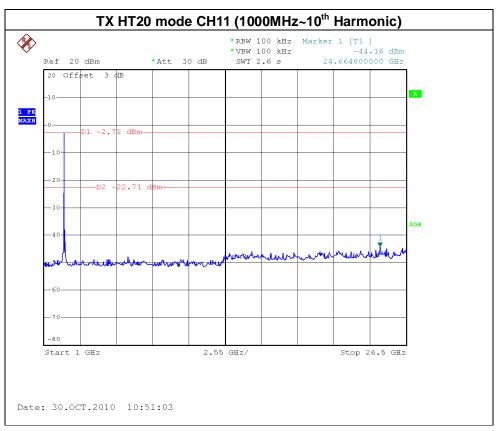




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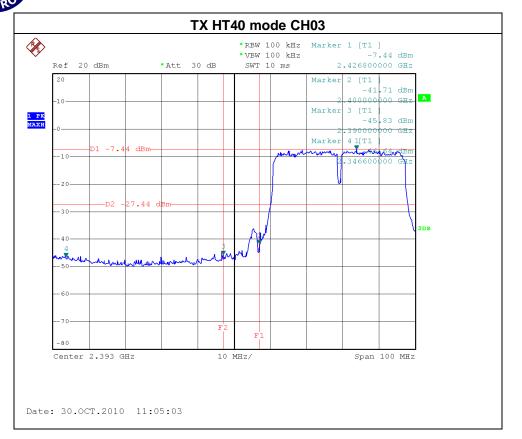


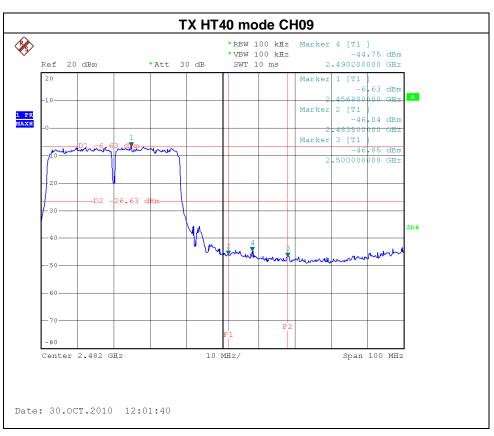
	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404	
Temperature:	24 ℃	Relative Humidity:	60 %	
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz	
Test Mode :	est Mode : TX N-40M MODE /CH03, CH06, CH09 ANT 1			

Channel of Worst Data: CH09				
The max. radio frequency power in any 100kHz bandwidth outside the frequency band bandwidth within the frequency band.				
FREQUENCY(MHz) POWER(dBm) FREQUENCY(MHz) POWER(dBm)			POWER(dBm)	
2390.00 -45.83 2490.20 -44.75				
Result				

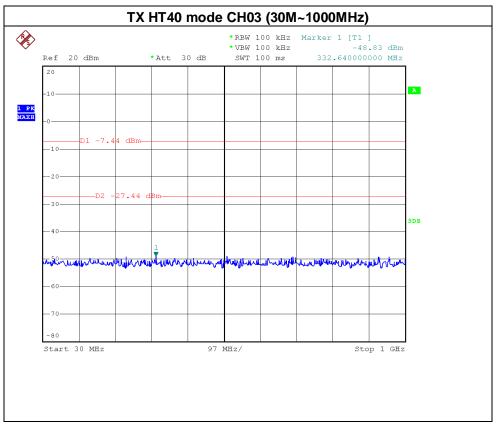
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power.

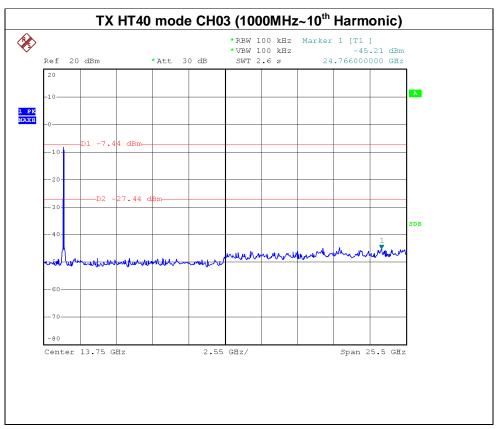
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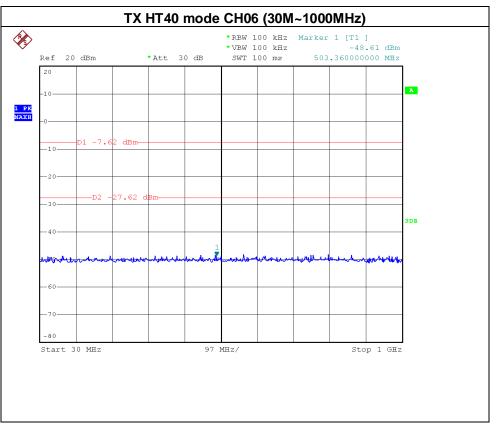


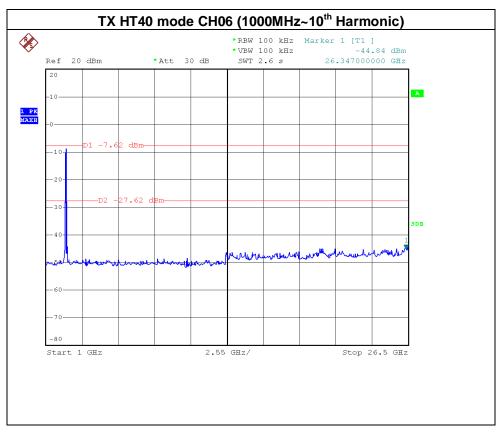




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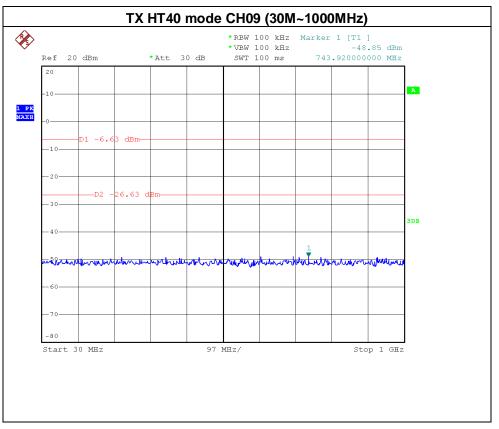


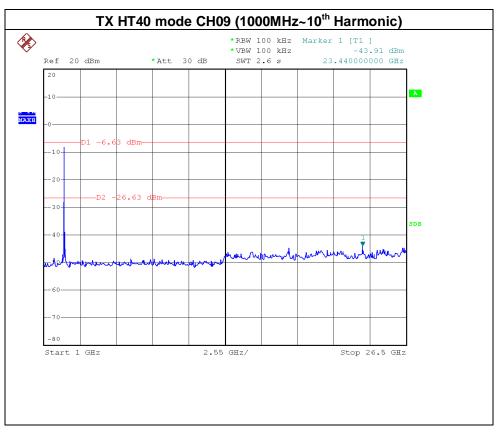




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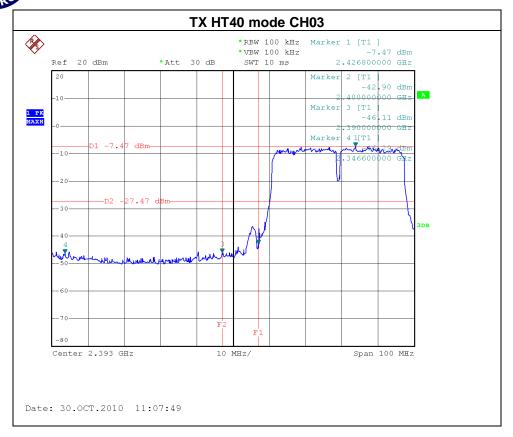
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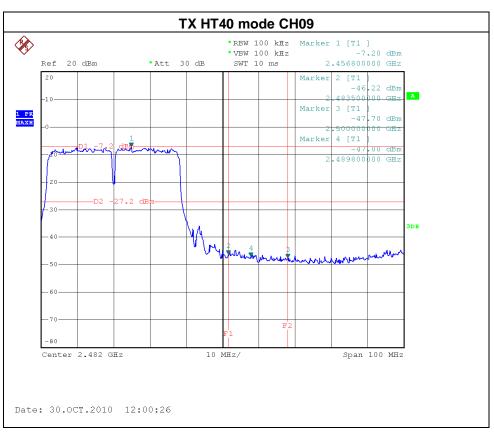
	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	24 ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode : TX N-40M MODE /CH03, CH06, CH09 ANT 2			

Channel of Worst Data: CH03				
The max. radio frequency power in any 100kHz bandwidth outside the frequency band bandwidth within the frequency band.				
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)	
2390.00 -46.11 2483.50 -46.22				
Result				

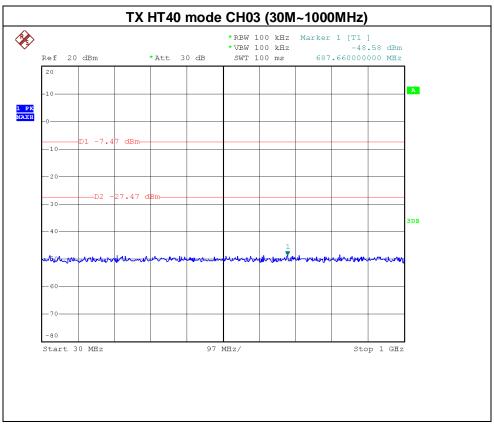
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power.

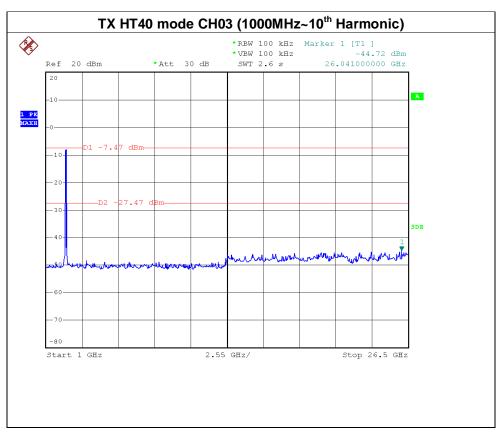
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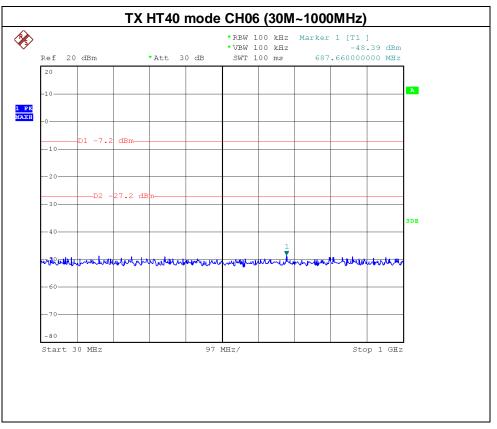


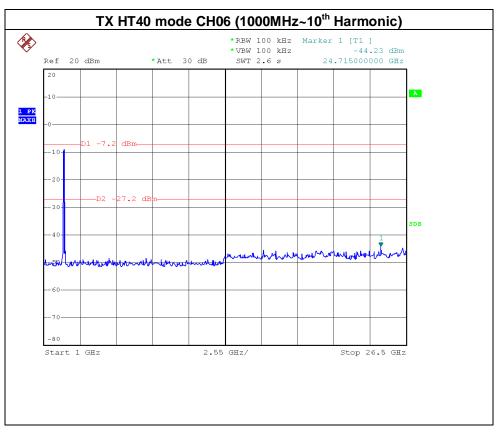




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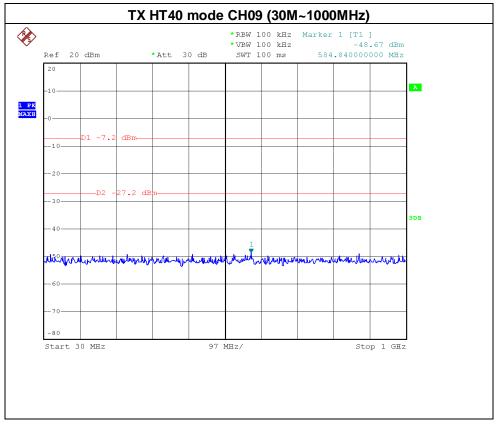


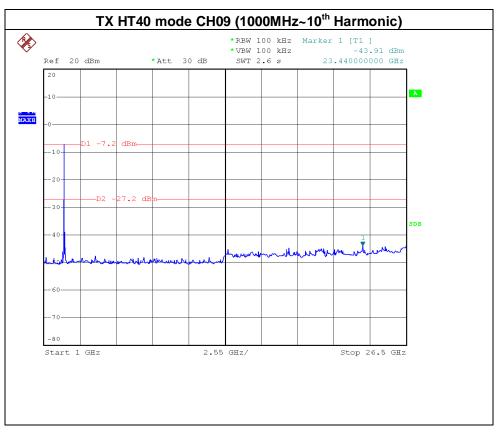




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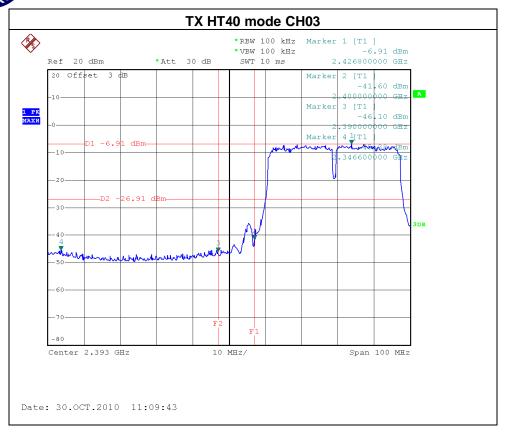
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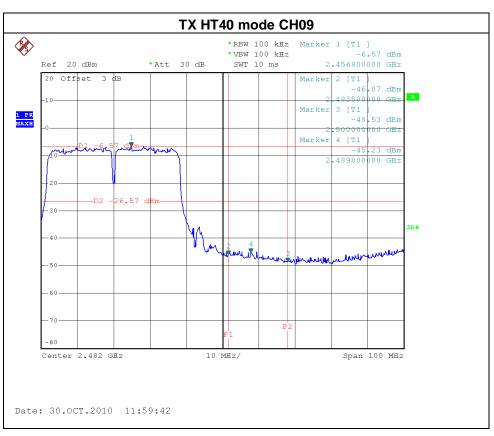
 - .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature :	24 ℃	Relative Humidity:	60 %
Pressure :	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE /CH03, CH06, CH09 WITH COMBINER		

Channel of Worst Data: CH09				
The max. radio frequency power in any 100kHz bandwidth outside the frequency band bandwidth within the frequency band.				
FREQUENCY(MHz) POWER(dBm) FREQUENCY(MHz) POW			POWER(dBm)	
2344.66 -45.38 2489.80 -45.23				
Result				

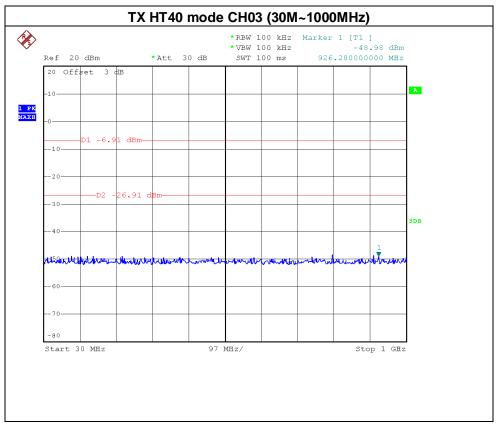
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power.

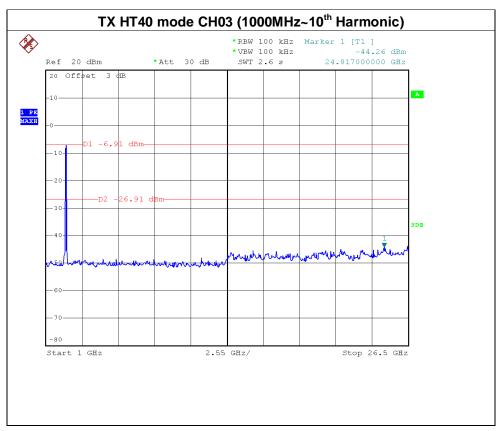
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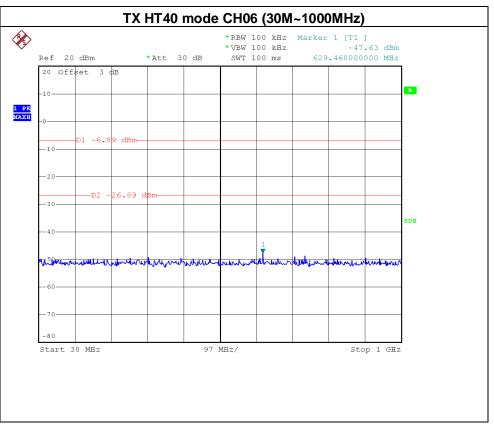


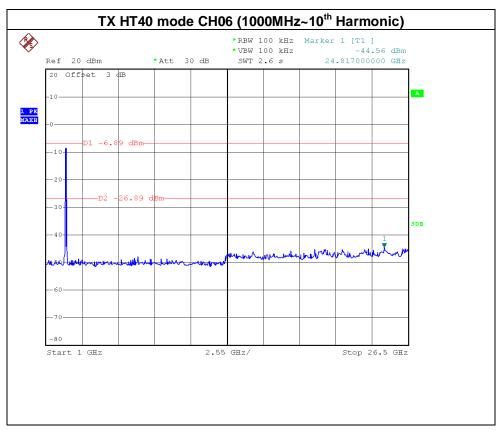




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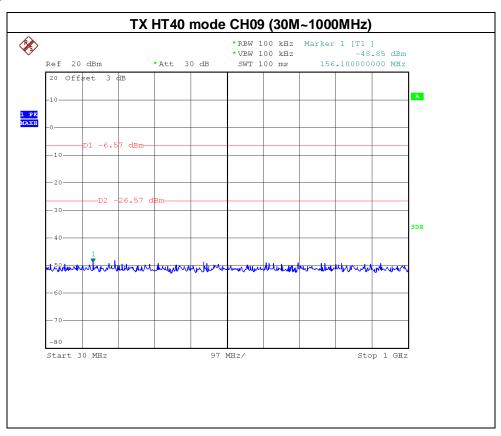


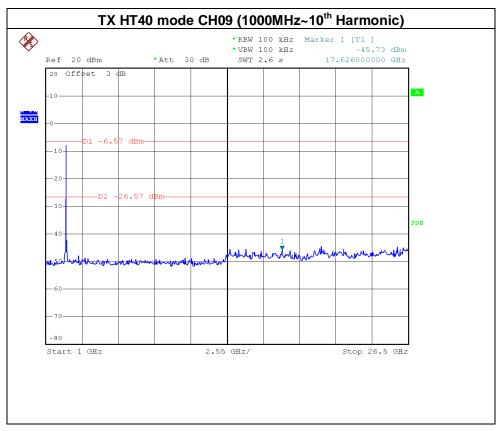




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8. POWER SPECTRAL DENSITY TEST

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	Jan. 05, 2011

Remark: "N/A" denotes No Model Name., Serial No. or No Calibration specified.

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=30 KHz, Sweep time = 500s.

8.1.3 DEVIATION FROM STANDARD

No deviation.

8.1.4 TEST SETUP



8.1.5 EUT OPERATION CONDITIONS

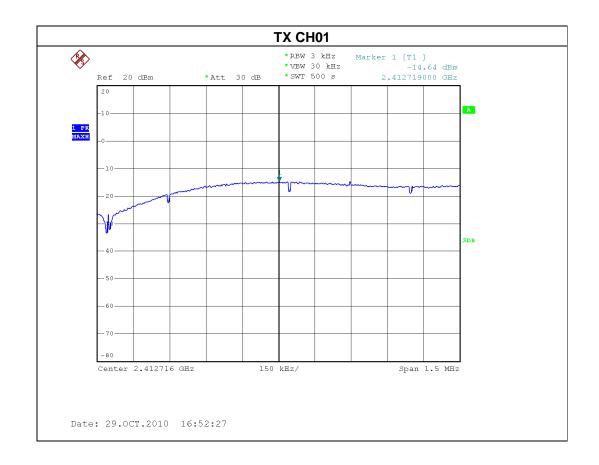
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

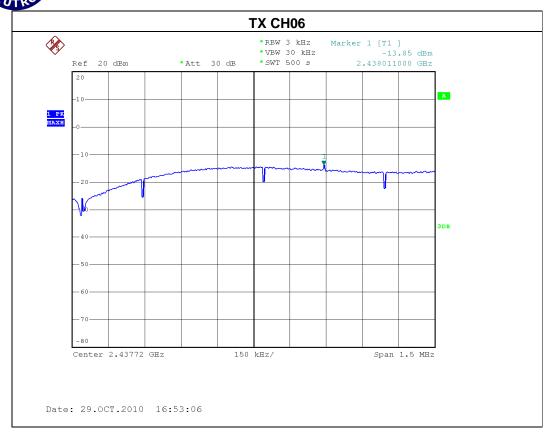
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8.1.6 TEST RESULTS

EUI .	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404
Temperature:	24 ℃	Relative Humidity:	60 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE /CH01, CH06, CH11		

Test Channel	Frequency	Power Density	LIMIT
	(MHz)	(dBm)	(dBm)
CH01	2412 MHz	-14.64	8
CH06	2437 MHz	-13.85	8
CH11	2462 MHz	-14.38	8

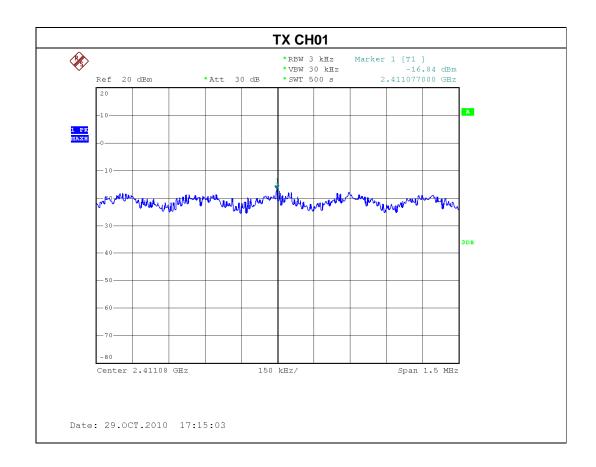


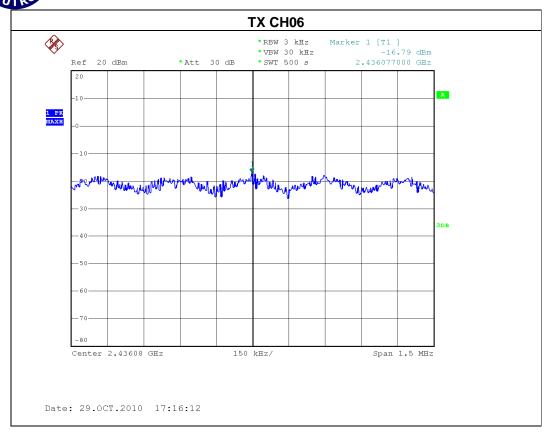


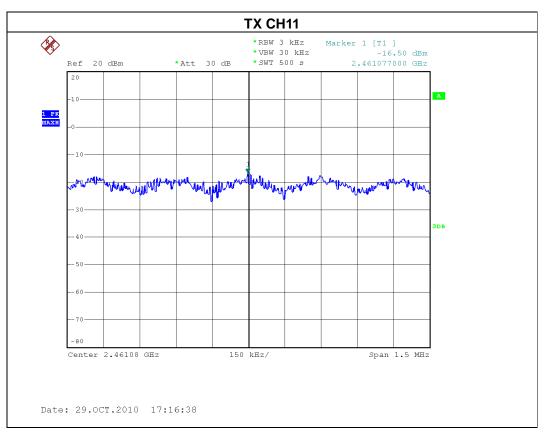


	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404		
Temperature:	24 ℃	Relative Humidity:	60 %		
Pressure :	1016 hPa	Test Voltage :	AC 120V/60Hz		
Test Mode :	TX G MODE /CH01, CH06, CH11				

Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH01	2412 MHz	-16.84	8
CH06	2437 MHz	-16.79	8
CH11	2462 MHz	-16.50	8







	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404		
Temperature:	24 ℃	Relative Humidity:	60 %		
Pressure :	1016 hPa	Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N MODE-20MHz /CH01, CH06, CH11(the MIMO mode enabled)				

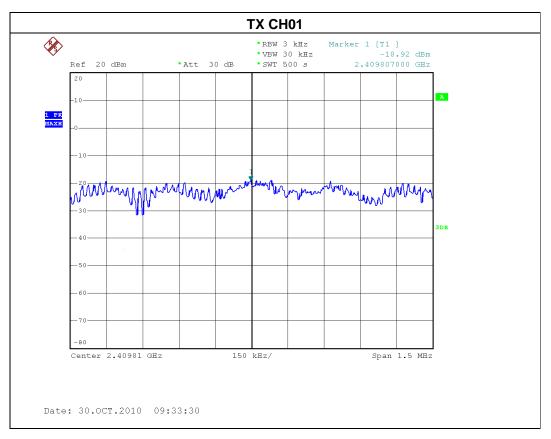
Ant 1							
Test Channel	annel Frequency Power density LIMIT (dBm) (dBm) (dBm)						
CH01	2412	-18.92	0.0000128	8	PASS		
CH06	2437	-18.51	0.0000141	8	PASS		
CH11	2462	-18.92	0.0000128	8	PASS		

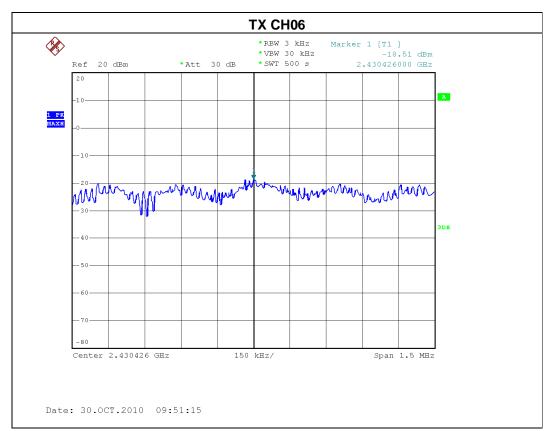
Ant 2							
Test Channel	Frequency (MHz)	Power (dBm)	LIMIT (dBm)	PASS/FAIL			
CH01	2412	-18.82	0.0000131	8	PASS		
CH06	2437	-18.06	0.0000156	8	PASS		
CH11	2462	-17.76	0.0000167	8	PASS		

Total (Ant 1 + Ant 2)							
Test Channel Frequency (MHz) Power density LIMIT (dBm) (dBm) (dBm) PASS/FAIL							
CH01	2412	-15.86	0.0000259	8	PASS		
CH06	2437	-15.27	0.0000297	8	PASS		
CH11	2462	-15.29	0.0000296	8	PASS		

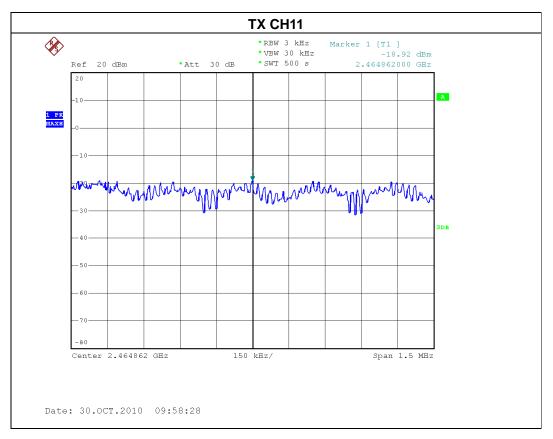
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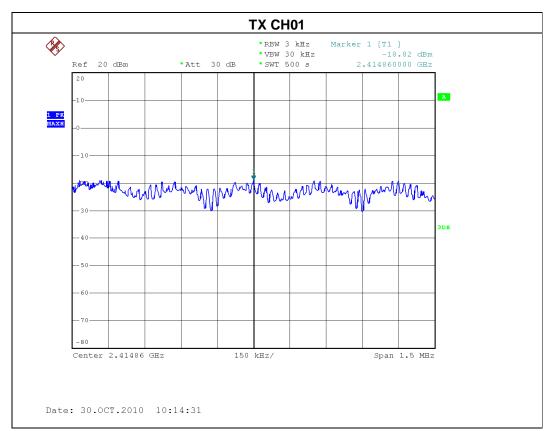




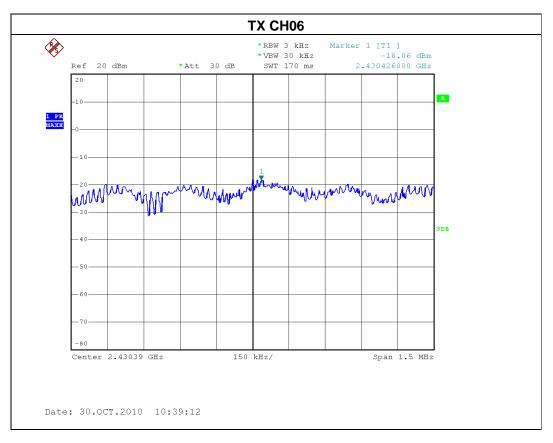


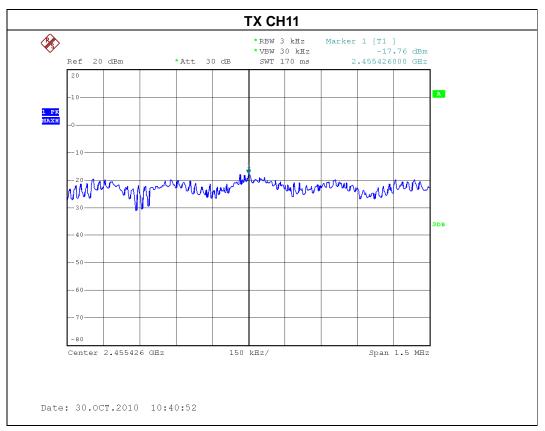












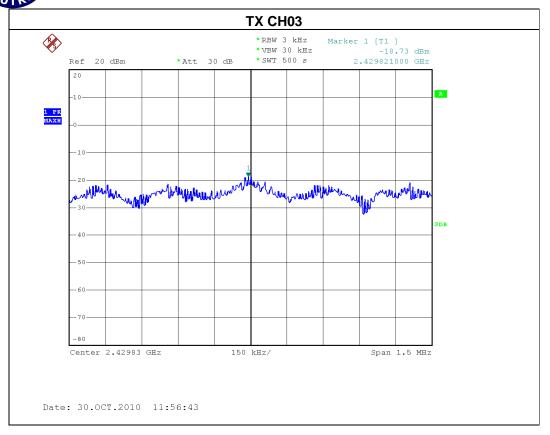
	300Mbps Wireless-N Broadband Router	Model Name :	WF-2404		
Temperature:	24 ℃	Relative Humidity:	60 %		
Pressure :	1016 hPa	Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N MODE-40MHz /CH03, CH06, CH09(the MIMO mode enabled)				

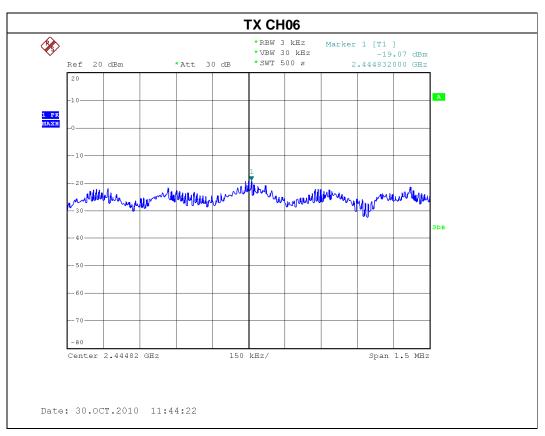
Ant 1							
Test Channel	Frequency (MHz)	Power (dBm)	LIMIT (dBm)	PASS/FAIL			
CH03	2422	-18.73	0.0000134	8	PASS		
CH06	2437	-19.07	0.0000124	8	PASS		
CH09	2452	-18.61	0.0000138	8	PASS		

Ant 2							
Test Channel	Frequency Power density (MHz) (dBm) (mW)			LIMIT (dBm)	PASS/FAIL		
CH03	2422	-18.74	0.0000134	8	PASS		
CH06	2437	-19.08	0.0000124	8	PASS		
CH09	2452	-20.71	0.0000085	8	PASS		

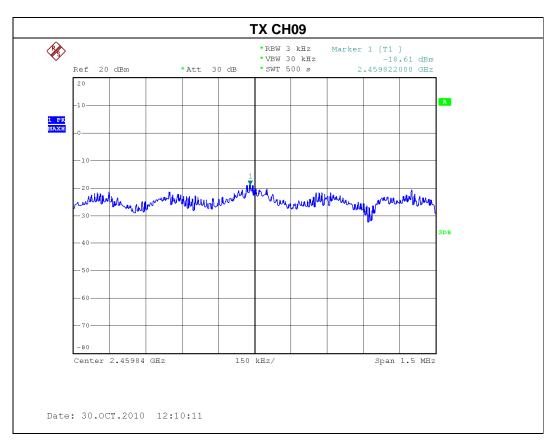
Total (Ant 1 + Ant 2)							
Test Channel	Frequency Power density (MHz) (dBm) (mW)			LIMIT (dBm)	PASS/FAIL		
CH03	2422	-15.72	0.0000268	8	PASS		
CH06	2437	-16.06	0.0000247	8	PASS		
CH09	2452	-16.52	0.0000223	8	PASS		

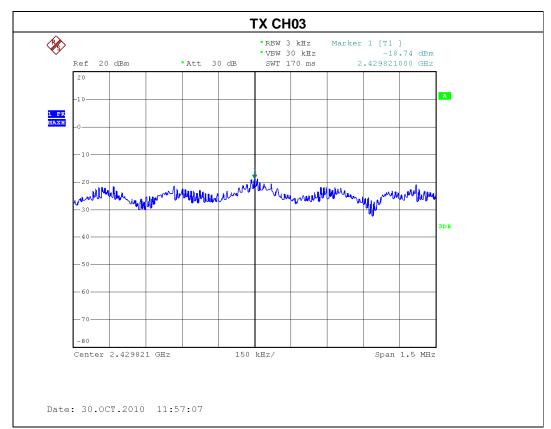
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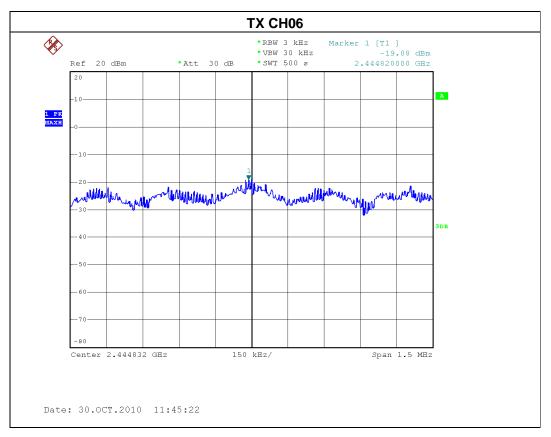


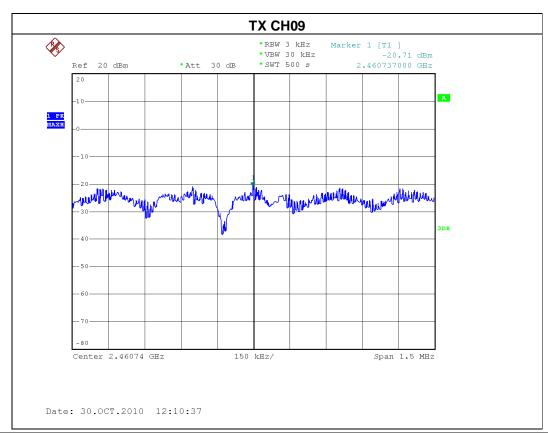












9. EUT TEST PHOTO

Conducted Measurement Photos



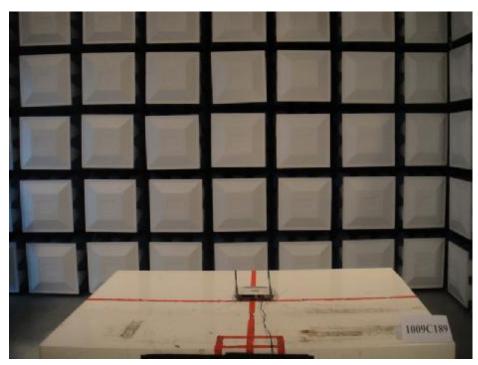


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Radiated Measurement Photos





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