APPLICATION CERTIFICATION FCC Part 15C
On Behalf of
Netac Technology Co., Ltd.

Home Network Drive
Model No.: COOBAY™ I

FCC ID: ZSE-COOBAY

Prepared for	:	Netac Technology Co., Ltd.
Address	:	6F, Incubator Building, China Academy of Science & Tech Development, High-Tech Zone, Nanshan, Shenzhen, Guangdong, China
Prepared by	:	ACCURATE TECHNOLOGY CO., LTD
Address	:	F1, Bldg. A, Changyuan New Material Port, Keyuan Rd. Science & Industry Park, Nanshan, Shenzhen, Guangdong P.R. China Tel: (0755) 26503290 Fax: (0755) 26503396

Report Number	:	ATE20112797
Date of Test	:	February 5-13, 2012
Date of Report	:	February 15, 2012

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Description Page

Test Report Certification

Applicant **:** Netac Technology Co., Ltd.

Manufacturer **:** Netac Technology Co., Ltd. Yueliangwan Division

EUT Description **:** Home Network Drive

(A) MODEL NO.: COOBAY^{TM} I

(B) SERIAL NO.: N/A

(C) POWER SUPPLY: DC 12V(Adapter input)

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.247
ANSI C63.4: 2003

The device described above is tested by ACCURATE TECHNOLOGY CO. LTD to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C Section 15.247 limits. The measurement results are contained in this test report and ACCURATE TECHNOLOGY CO. LTD is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of ACCURATE TECHNOLOGY CO. LTD.

Date of Test : February 5-13, 2012

Prepared by :

(Engineer)

Approved & Authorized Signer :

(Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	Home Network Drive
Model Number	:	COOBAY^{TM} I
Frequency Band	:	2412-2462MHz
Number of Channels	:	11
Antenna Gain	:	2.5dBi
Power Supply	:	DC 12V (Adapter input)
Adapter	:	Model: DA-36L12 Input: AC 100-240V, 50/60Hz, 1A Output: DC 12V, 3A
Data Rate	:	IEEE 802.11b: 11Mbps IEEE 802.11g: 54Mbps IEEE 802.11n: 150Mbps
Applicant	:	Netac Technology Co., Ltd.
Address	:	6F, Incubator Building, China Academy of Science & Tech Development, High-Tech Zone, Nanshan, Shenzhen, Guangdong, China
Manufacturer	:	Netac Technology Co., Ltd. Yueliangwan Division
Address	:	3-5F, No.11. Lishan Industrial Park, Xinghai Road, Nanshan, Shenzhen, Guangdong, 518052 China
Date of sample received	:	February 5, 2012
Date of Test	:	February 5-13, 2012

1.2.Description of Test Facility

EMC Lab	:	Accredited by TUV Rheinland Shenzhen Listed by FCC The Registration Number is 752051 Listed by Industry Canada The Registration Number is 5077A-2 Accredited by China National Accreditation Committee for Laboratories The Certificate Registration Number is L3193
Name of Firm	:	ACCURATE TECHNOLOGY CO. LTD
Site Location	:	F1, Bldg. A, Changyuan New Material Port, Keyuan Rd. Science & Industry Park, Nanshan, Shenzhen, Guangdong P.R. China

1.3.Measurement Uncertainty

Conducted Emission Expanded Uncertainty	=	2.23dB, k=2
Radiated emission expanded uncertainty (9kHz-30MHz)	=	3.08dB, k=2
Radiated emission expanded uncertainty (30MHz-1000MHz)	=	4.42dB, k=2
Radiated emission expanded uncertainty (Above 1GHz)	=	4.06dB, k=2

2. MEASURING DEVICE AND TEST EQUIPMENT

Table 1: List of Test and Measurement Equipment

Kind of equipment	Manufacturer	Type	S/N	Calibrated dates	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 8, 2012	Jan. 7, 2013
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 8, 2012	Jan. 7, 2013
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 8, 2012	Jan. 7, 2013
Pre-Amplifier	Rohde&Schwarz	CBLU1183540-01	3791	Jan. 8, 2012	Jan. 7, 2013
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 8, 2012	Jan. 7, 2013
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 8, 2012	Jan. 7, 2013
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 8, 2012	Jan. 7, 2013
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 8, 2012	Jan. 7, 2013

3. OPERATION OF EUT DURING TESTING

3.1.Operating Mode

The mode is used: **802.11b Transmitting mode**
Low Channel: 2412MHz
Middle Channel: 2437MHz
High Channel: 2462MHz

802.11g Transmitting mode
Low Channel: 2412MHz
Middle Channel: 2437MHz
High Channel: 2462MHz

802.11n Transmitting mode
Low Channel: 2412MHz
Middle Channel: 2437MHz
High Channel: 2462MHz

3.2.Configuration and peripherals

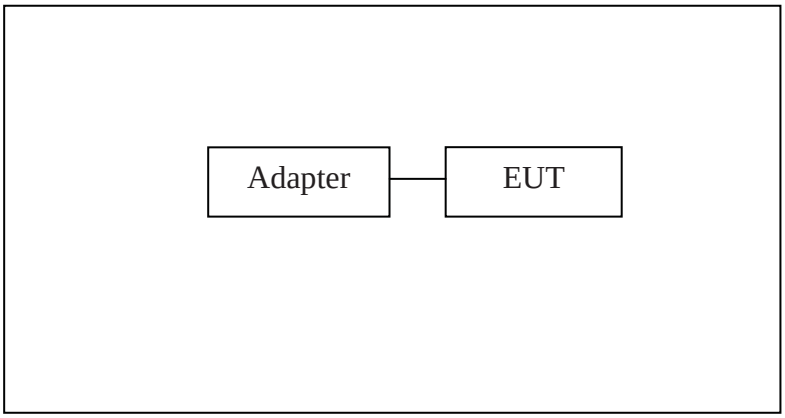


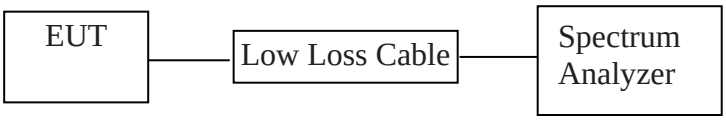
Figure 1 Setup: Transmitting mode

4. TEST PROCEDURES AND RESULTS

FCC Rules	Description of Test	Result
Section 15.247(a)(2)	6dB Bandwidth Test	Compliant
Section 15.247(e)	Power Spectral Density Test	Compliant
Section 15.247(b)(3)	Maximum Peak Output Power Test	Compliant
Section 15.247(d)	Band Edge Compliance Test	Compliant
Section 15.247(d) Section 15.209	Radiated Spurious Emission Test	Compliant
Section 15.247(d)	Conducted Spurious Emission Test	Compliant
Section 15.207	AC Power Line Conducted Emission Test	Compliant
Section 15.203	Antenna Requirement	Compliant

5. 6DB BANDWIDTH MEASUREMENT

5.1.Block Diagram of Test Setup



(EUT: Home Network Drive)

5.2.The Requirement For Section 15.247(a)(2)

Section 15.247(a)(2): Systems using digital modulation techniques may operate in the 902-928MHz, 2400-2483.5MHz, and 5725-5850MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

5.3.EUT Configuration on Measurement

The following equipment are installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

5.3.1.Home Network Drive (EUT)

Model Number	:	COOBAY^{TM} I
Serial Number	:	N/A
Manufacturer	:	Netac Technology Co., Ltd. Yueliangwan Division

5.4.Operating Condition of EUT

5.4.1.Setup the EUT and simulator as shown as Section 5.1.

5.4.2.Turn on the power of all equipment.

5.4.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462MHz. We select 2412MHz, 2437MHz, 2462MHz TX frequency to transmit.

5.5.Test Procedure

5.5.1.The transmitter output was connected to the spectrum analyzer through a low loss cable.

5.5.2.Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz.

5.5.3.The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

5.6.Test Result

PASS.

Date of Test:	February 6, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60Hz
Test Mode:	TX	Test Engineer:	Pei

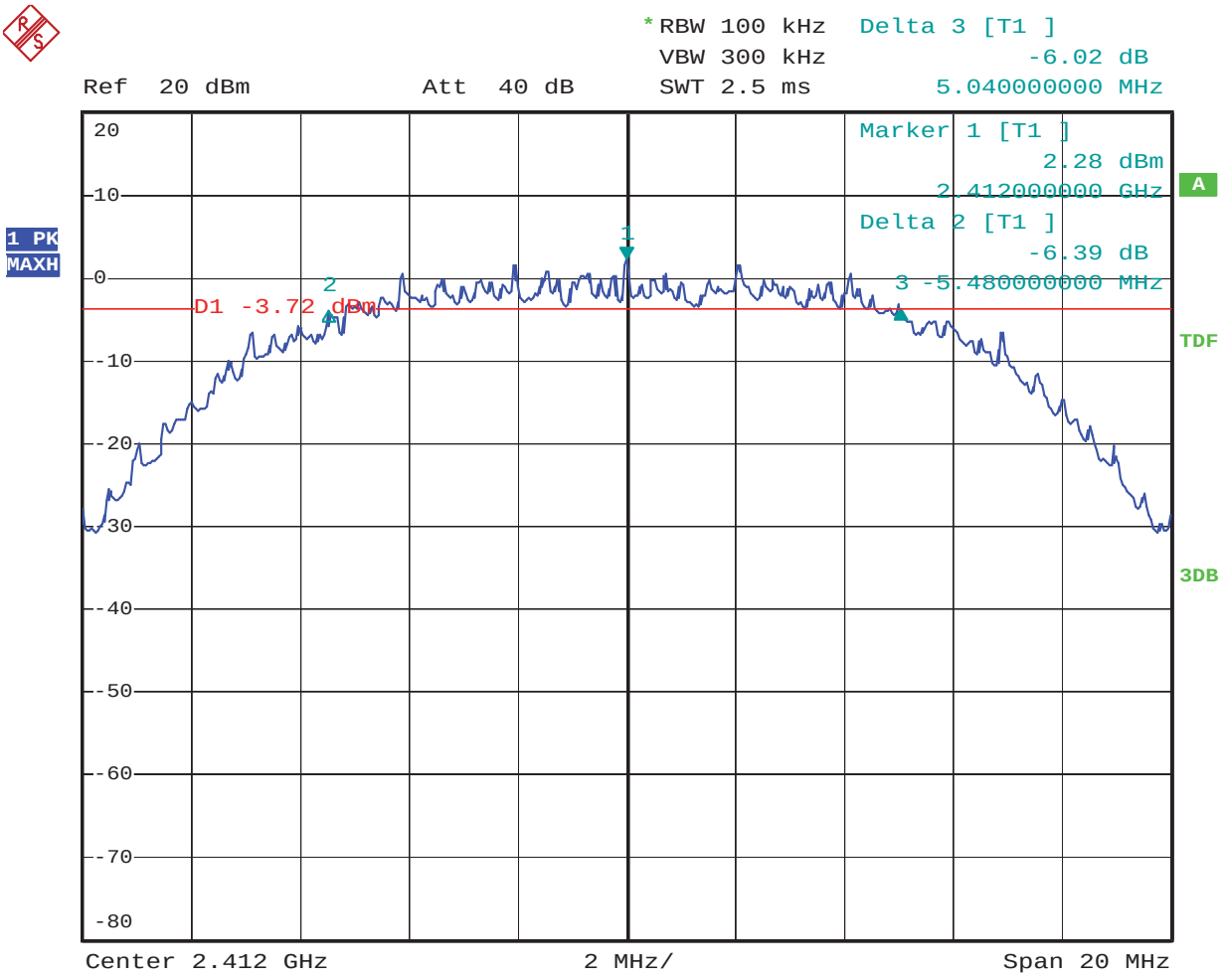
The test was performed with 802.11b			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	10.52	> 0.5MHz
Middle	2437	10.28	> 0.5MHz
High	2462	10.20	> 0.5MHz

The test was performed with 802.11g			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	16.48	> 0.5MHz
Middle	2437	16.56	> 0.5MHz
High	2462	16.52	> 0.5MHz

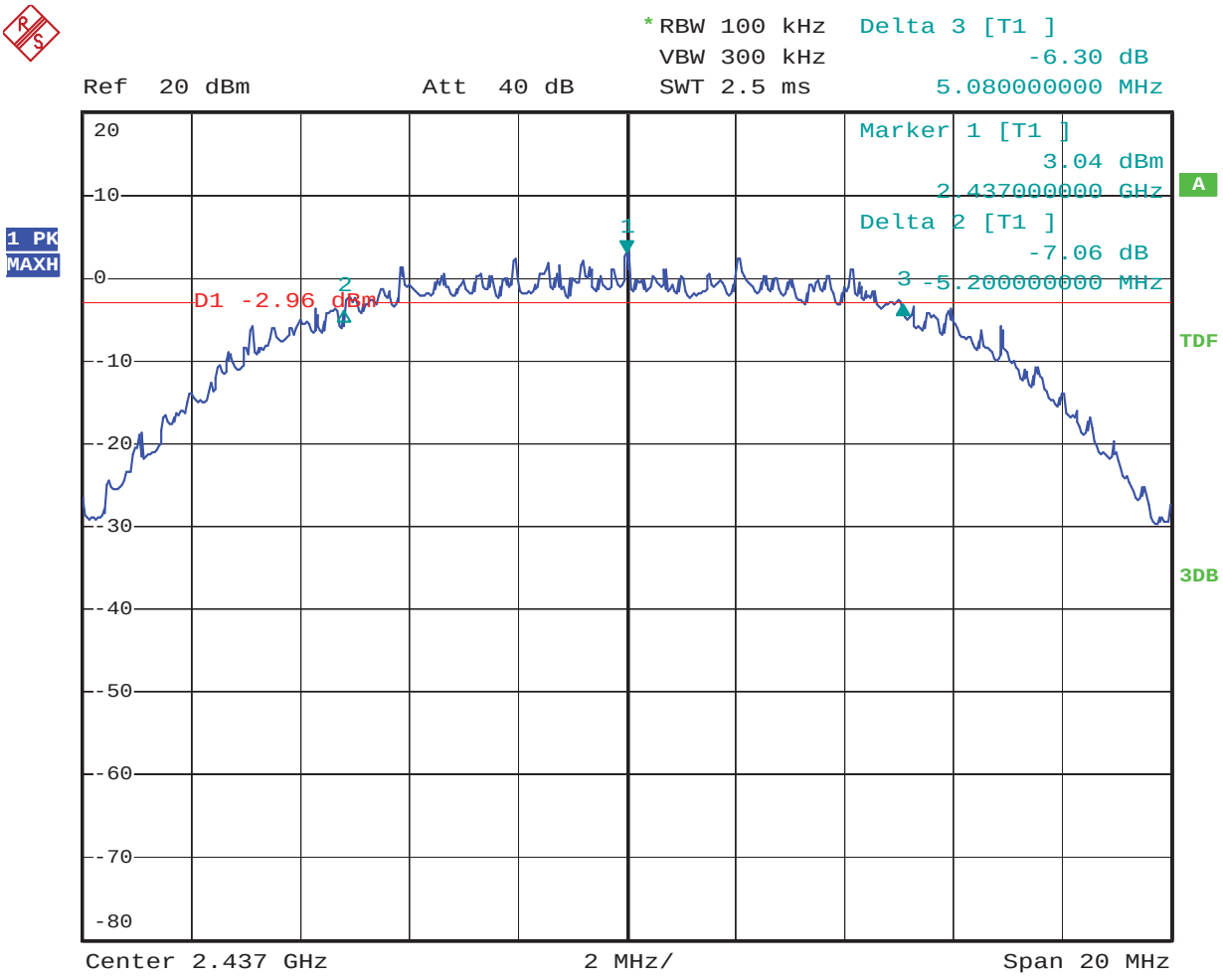
The test was performed with 802.11n			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	17.76	> 0.5MHz
Middle	2437	17.72	> 0.5MHz
High	2462	17.76	> 0.5MHz

The spectrum analyzer plots are attached as below.

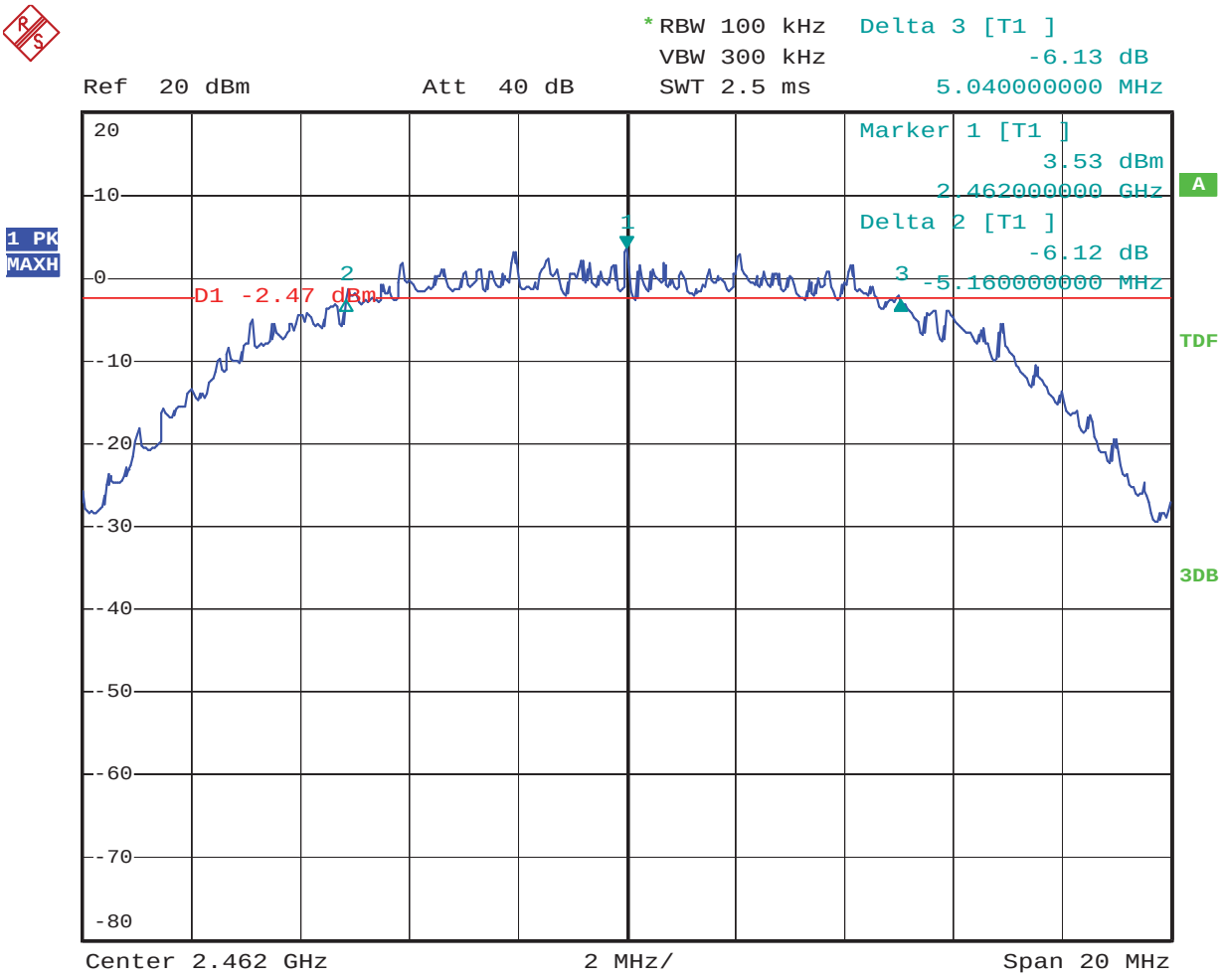
802.11b Channel Low 2412MHz



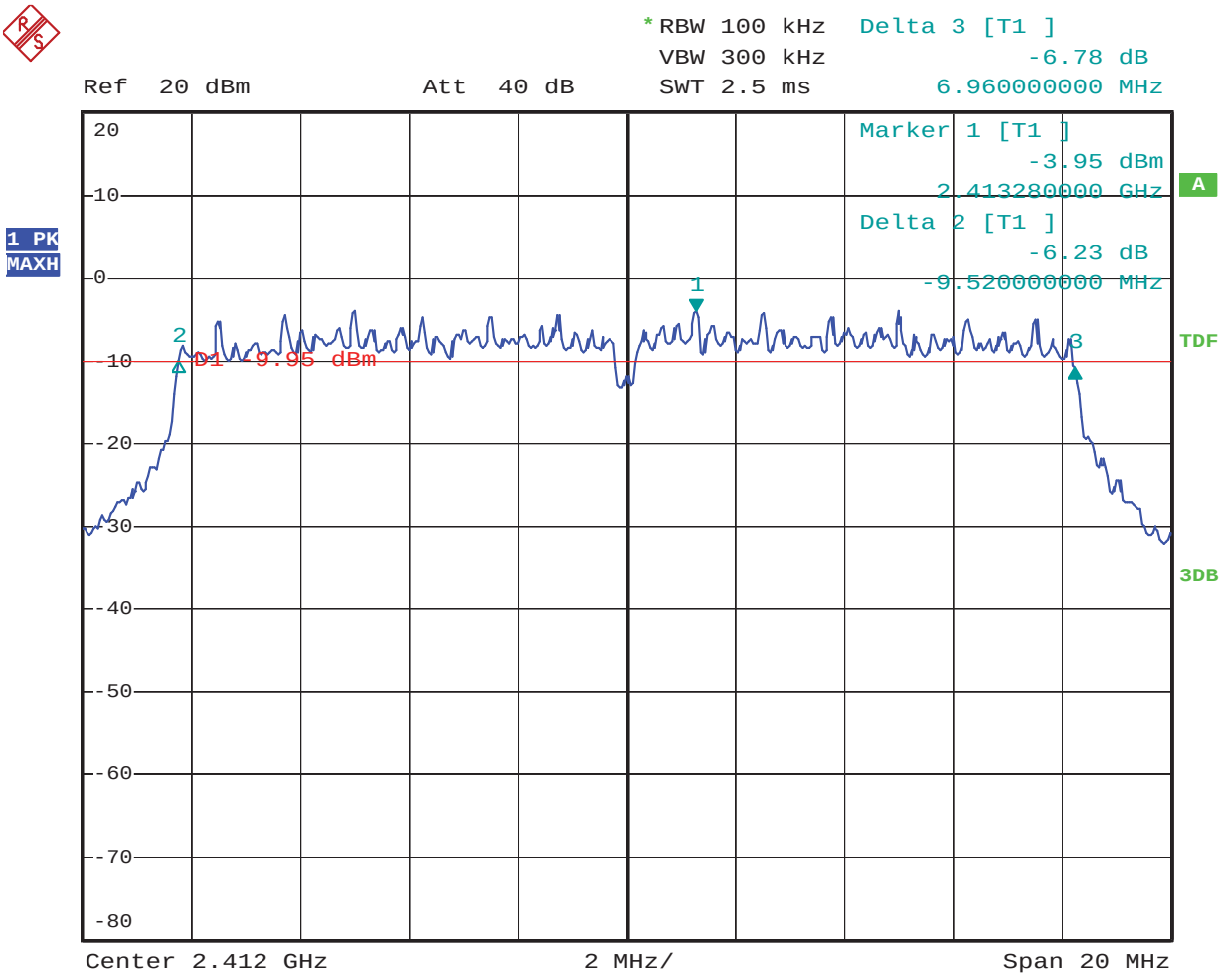
802.11b Channel Middle 2437MHz



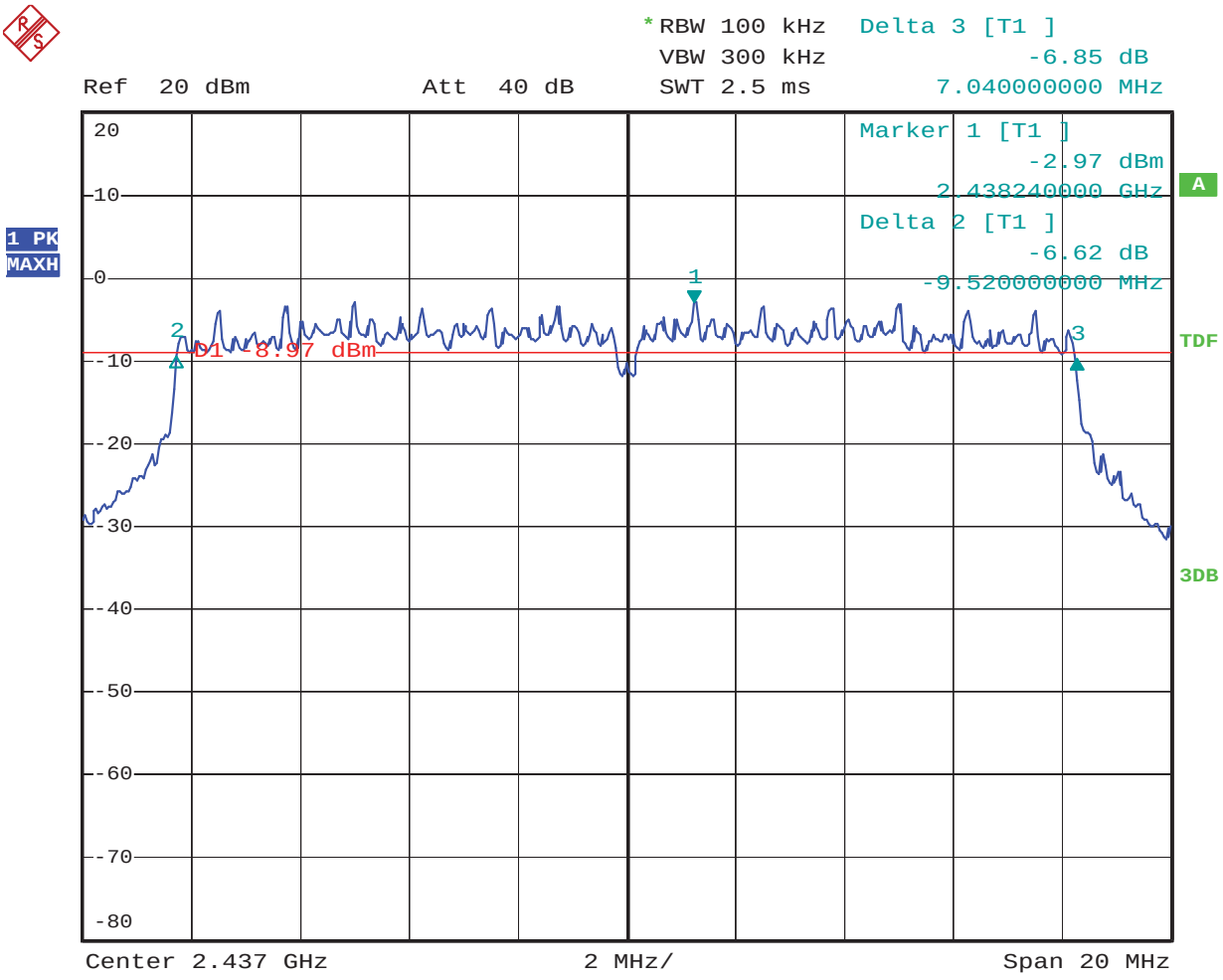
802.11b Channel High 2462MHz



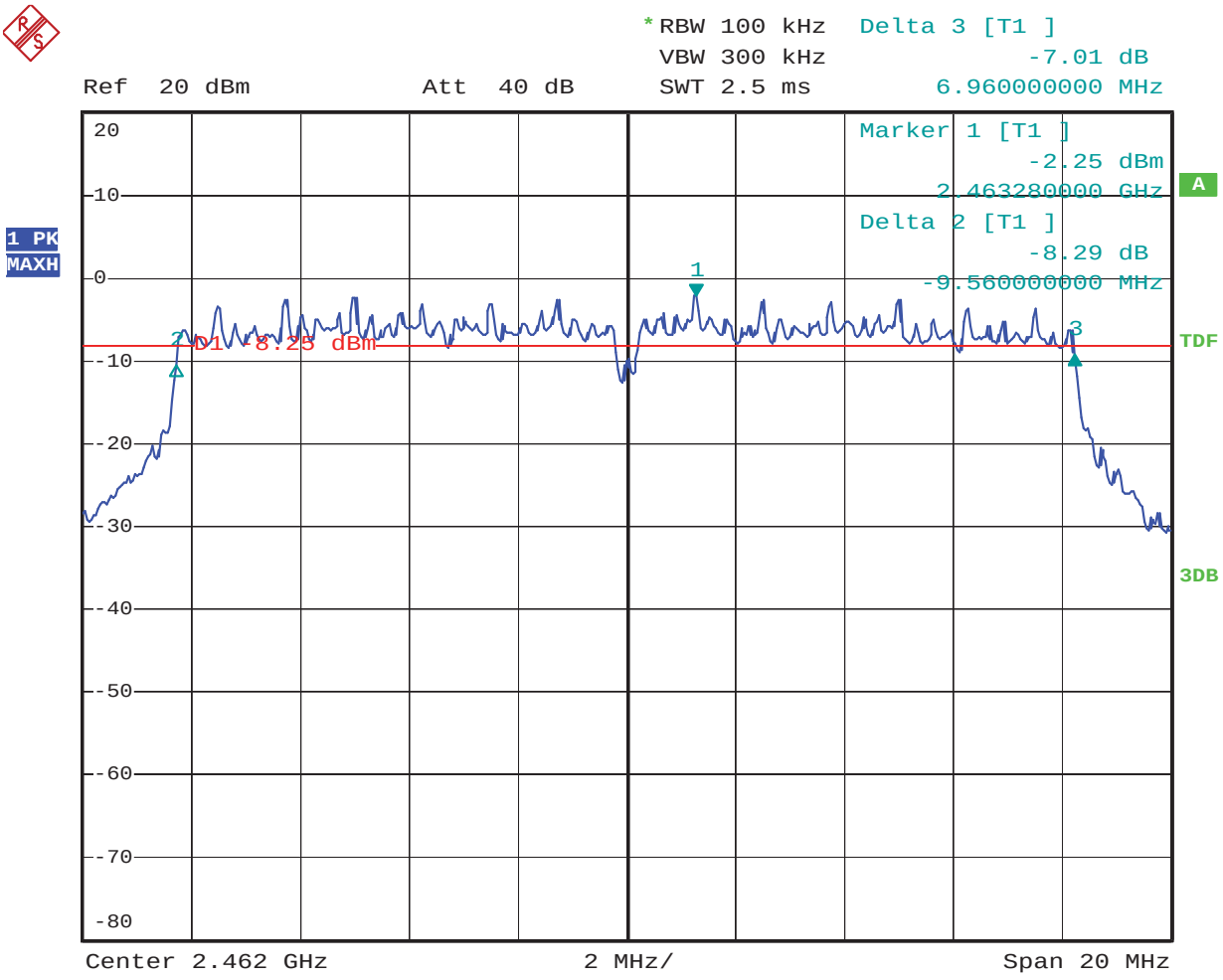
802.11g Channel Low 2412MHz



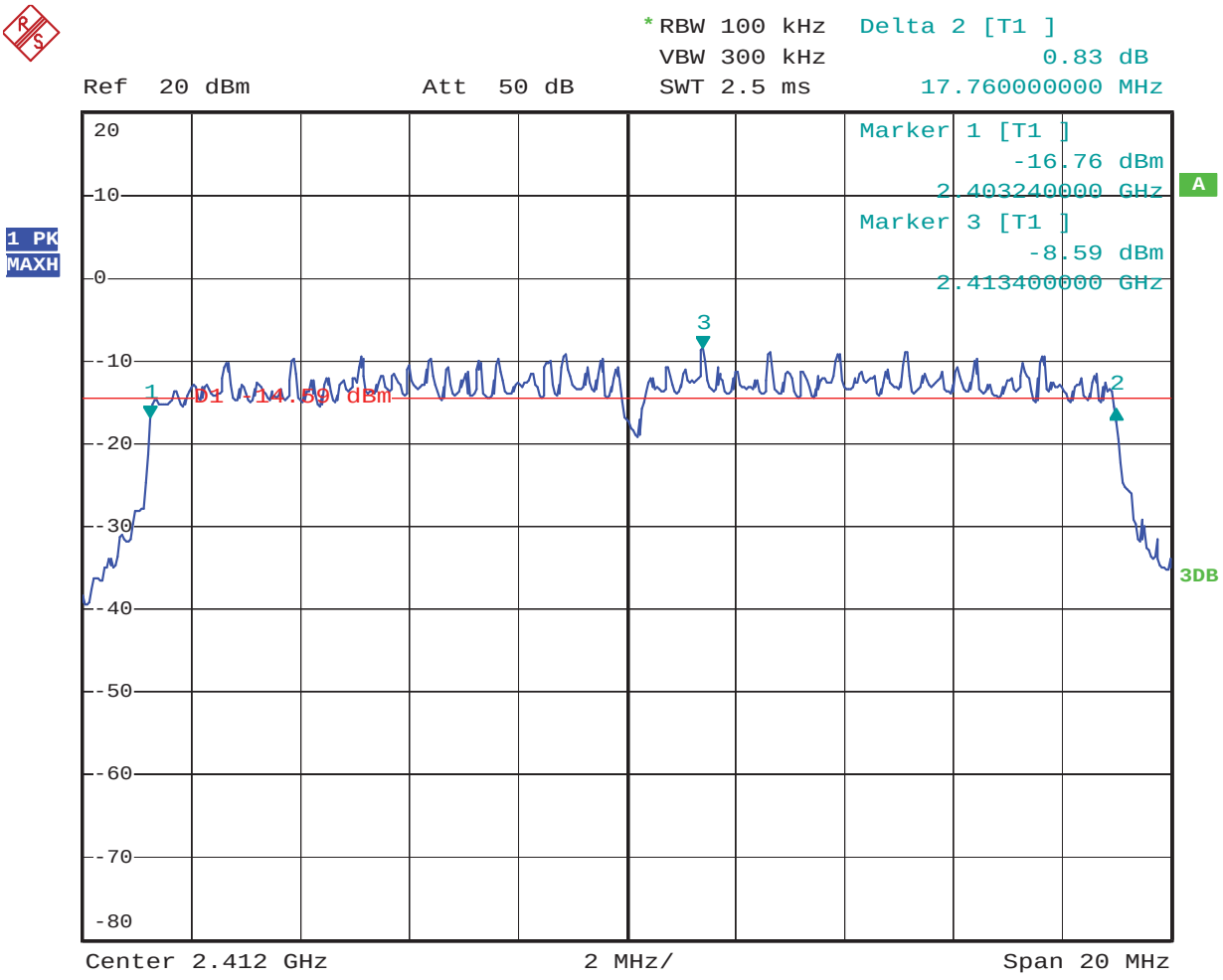
802.11g Channel Middle 2437MHz



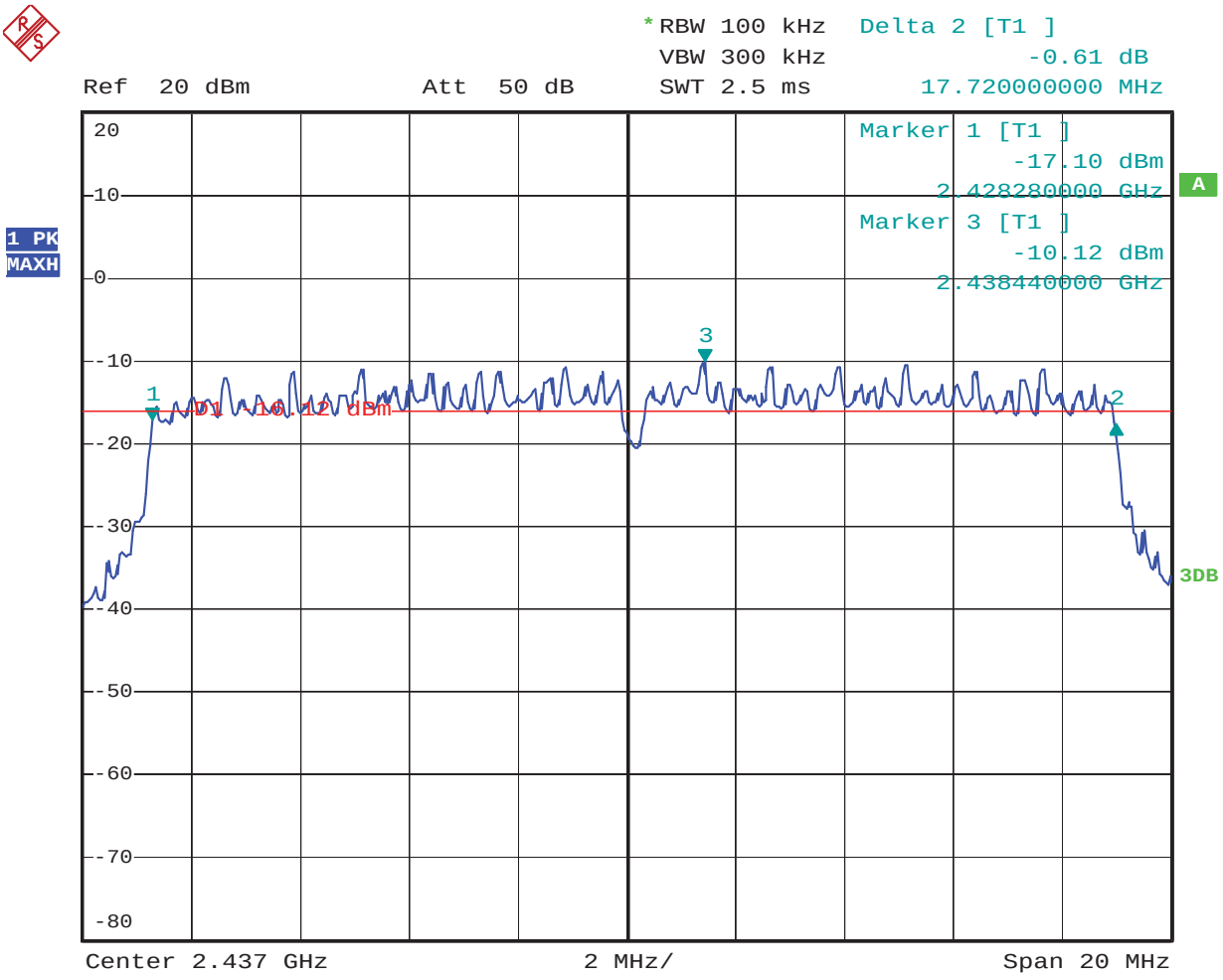
802.11g Channel High 2462MHz



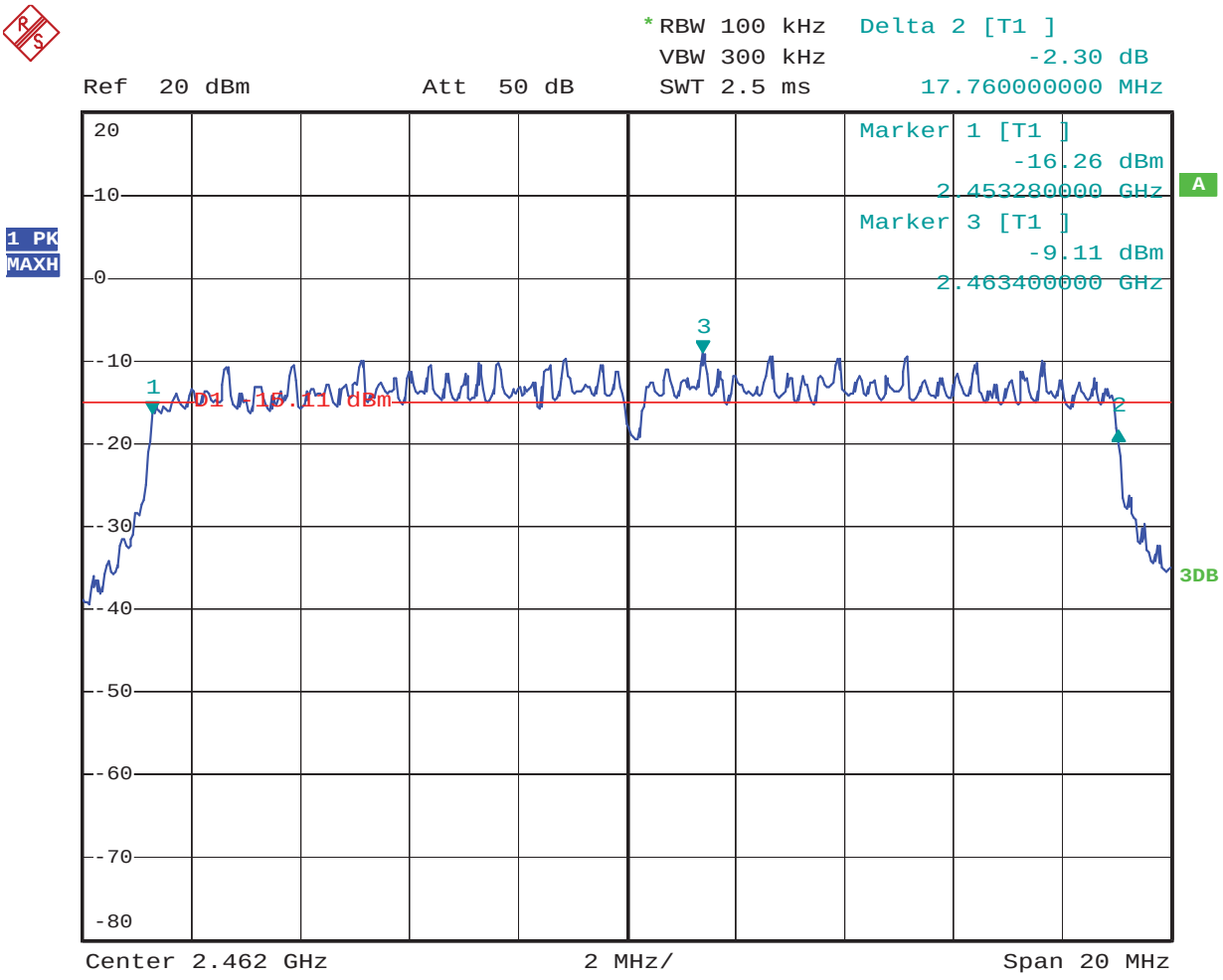
802.11n Channel Low 2412MHz



802.11n Channel Low 2437MHz

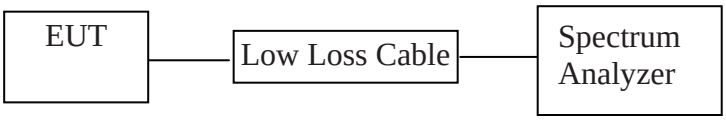


802.11n Channel Low 2462MHz



6. MAXIMUM PEAK OUTPUT POWER

6.1.Block Diagram of Test Setup



(EUT: Home Network Drive)

6.2.The Requirement For Section 15.247(b)(3)

Section 15.247(b)(3): For systems using digital modulation in the 902-928MHz, 2400-2483.5MHz, and 5725-5850MHz bands: 1 Watt.

6.3.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

6.3.1.Home Network Drive (EUT)

Model Number	:	COOBAY^{TM} I
Serial Number	:	N/A
Manufacturer	:	Netac Technology Co., Ltd. Yueliangwan Division

6.4.Operating Condition of EUT

6.4.1.Setup the EUT and simulator as shown as Section 6.1.

6.4.2.Turn on the power of all equipment.

6.4.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462MHz. We select 2412MHz, 2437MHz, 2462MHz TX frequency to transmit.

6.5.Test Procedure

6.5.1.The transmitter output was connected to the spectrum analyzer through a low loss cable.

6.5.2.Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz.

6.5.3.Measurement the maximum peak output power.

6.6.Test Result

PASS.

Date of Test:	February 6, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60Hz
Test Mode:	TX	Test Engineer:	Pei

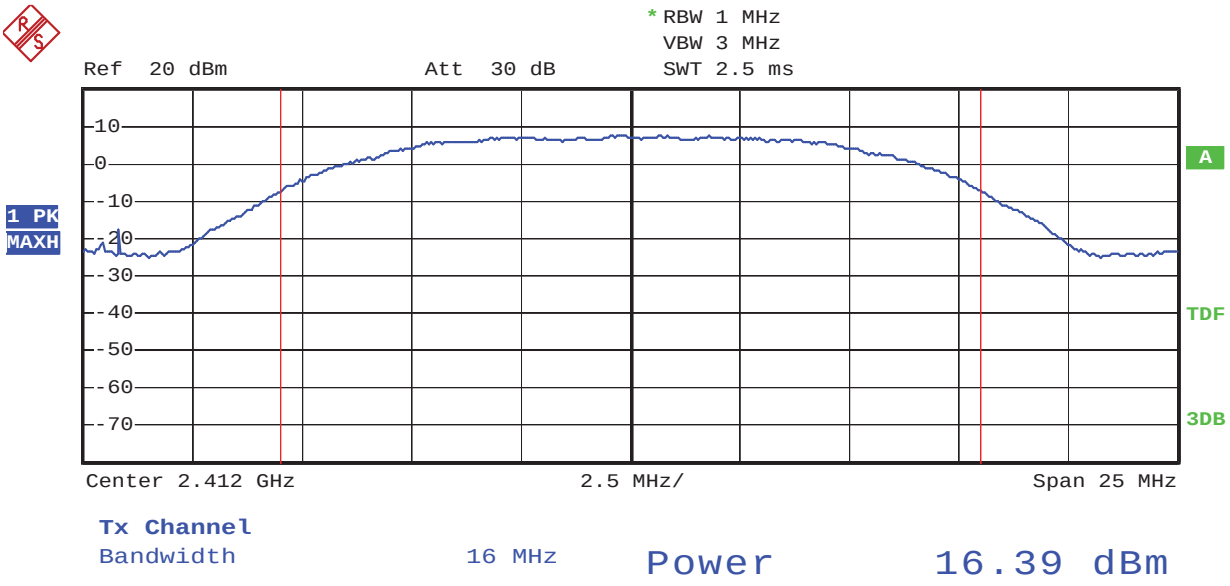
The test was performed with 802.11b				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	16.39	43.55	30 dBm / 1 W
Middle	2437	16.70	46.77	30 dBm / 1 W
High	2462	17.32	53.95	30 dBm / 1 W

The test was performed with 802.11g				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	14.34	27.16	30 dBm / 1 W
Middle	2437	15.28	33.73	30 dBm / 1 W
High	2462	16.50	44.67	30 dBm / 1 W

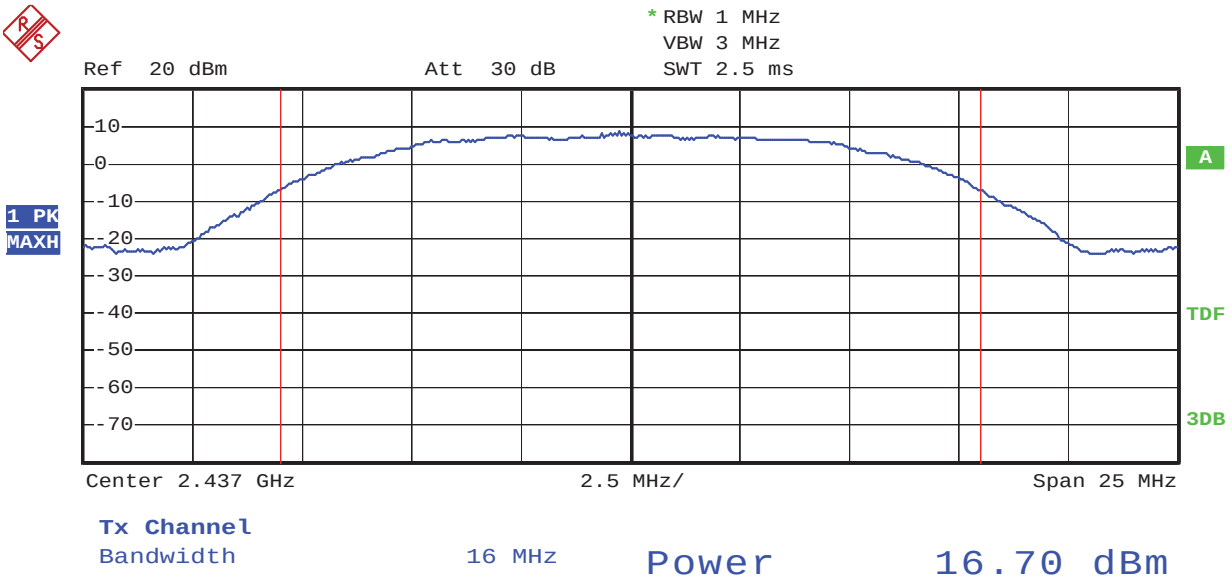
The test was performed with 802.11n				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	13.54	22.59	30 dBm / 1 W
Middle	2437	14.15	26.00	30 dBm / 1 W
High	2462	14.20	26.30	30 dBm / 1 W

The spectrum analyzer plots are attached as below.

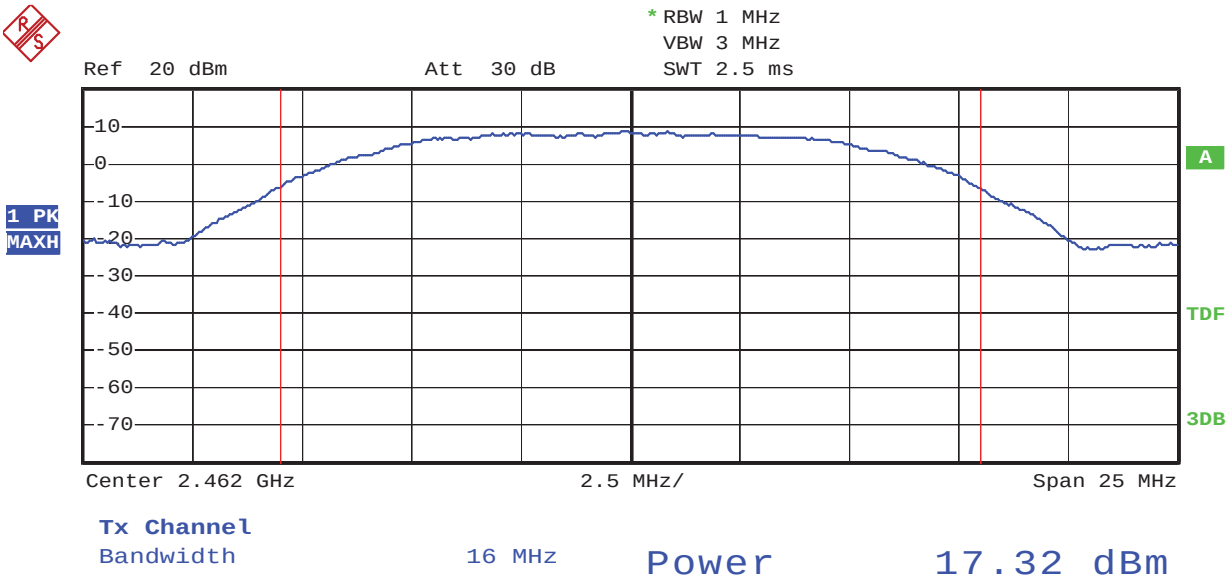
802.11b Channel Low 2412MHz



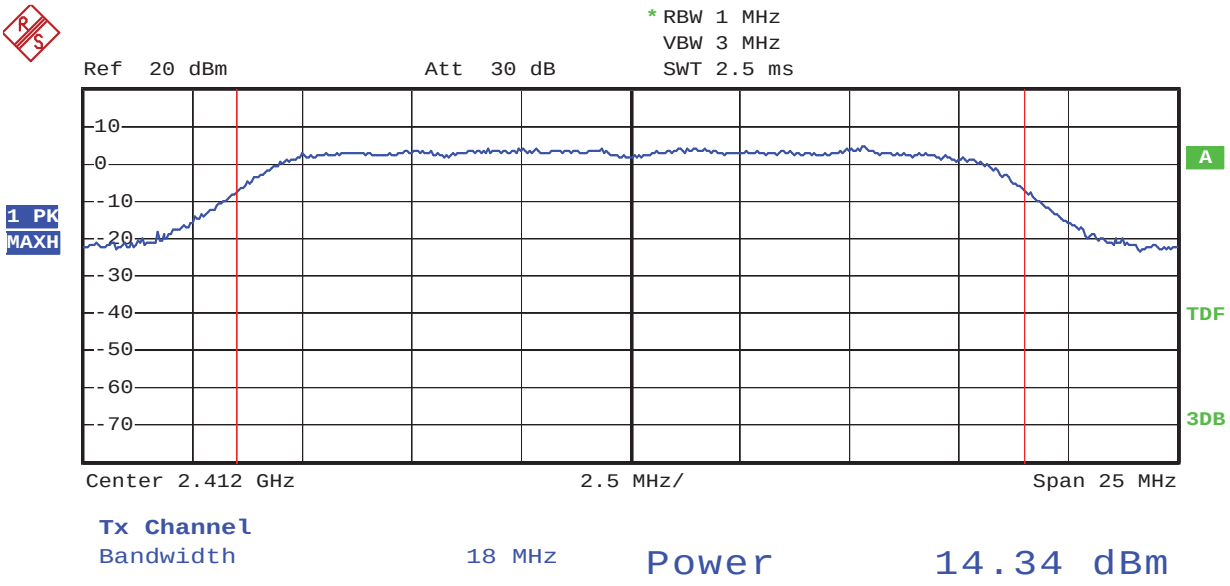
802.11b Channel Middle 2437MHz



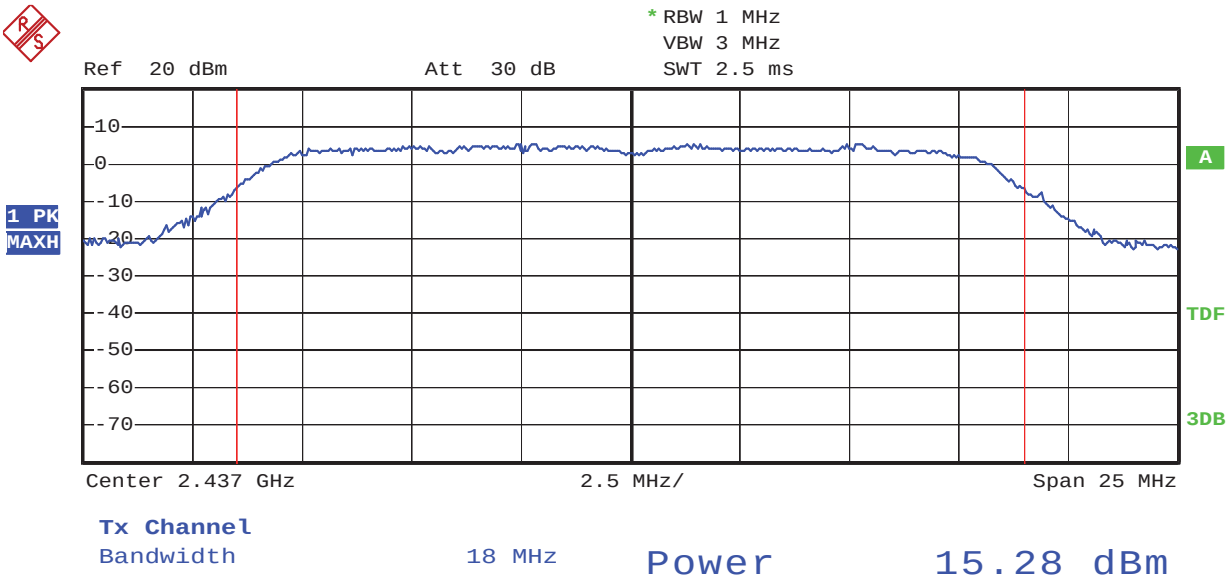
802.11b Channel High 2462MHz



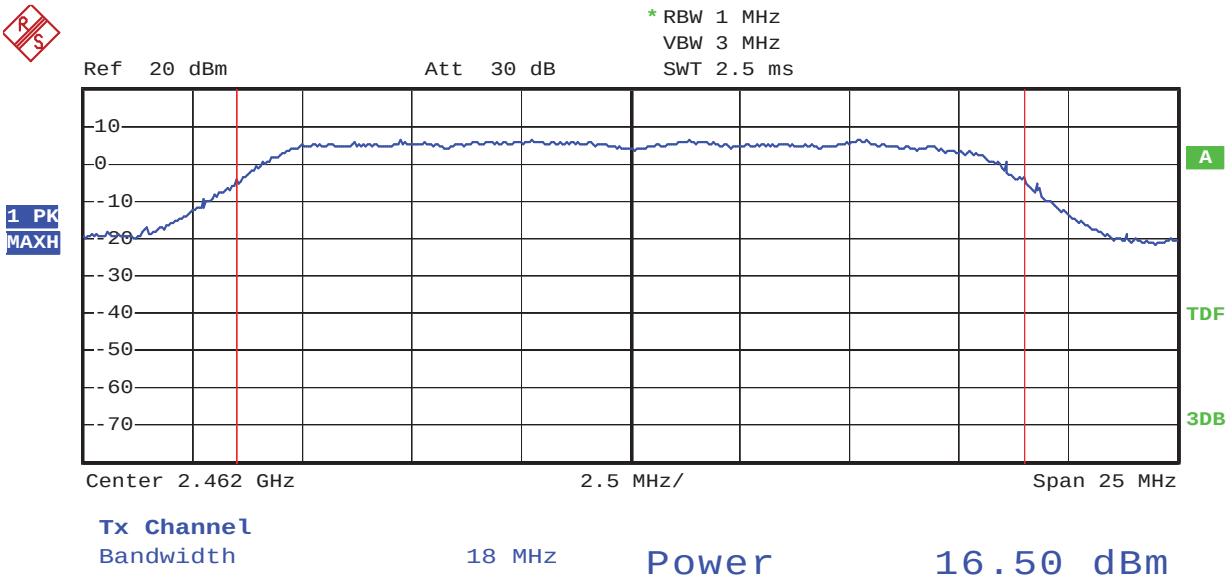
802.11g Channel Low 2412MHz



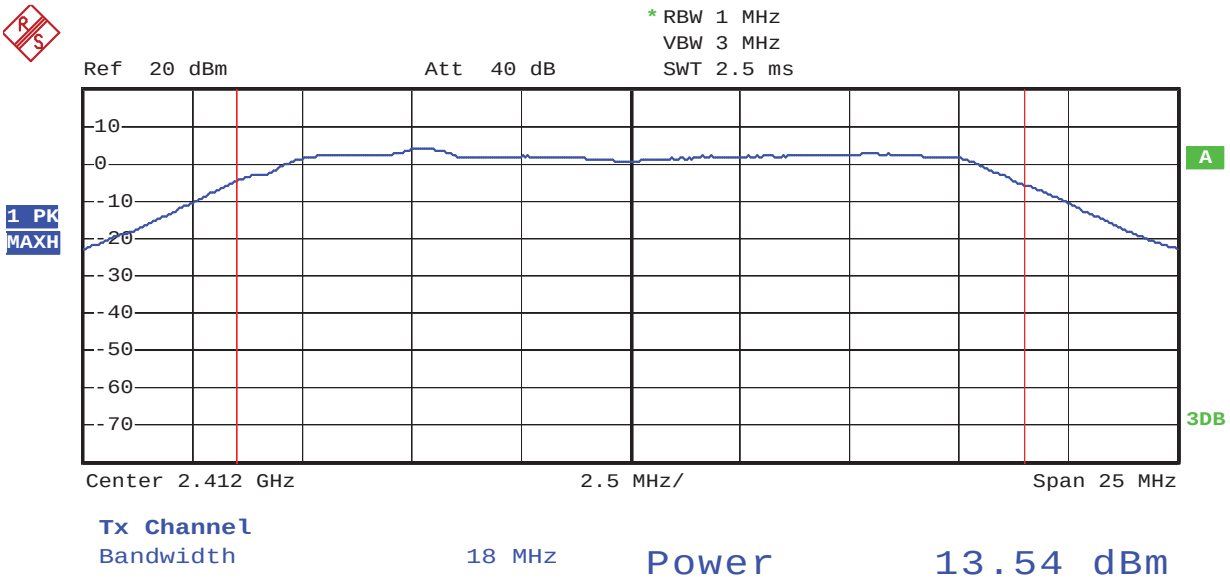
802.11g Channel Middle 2437MHz



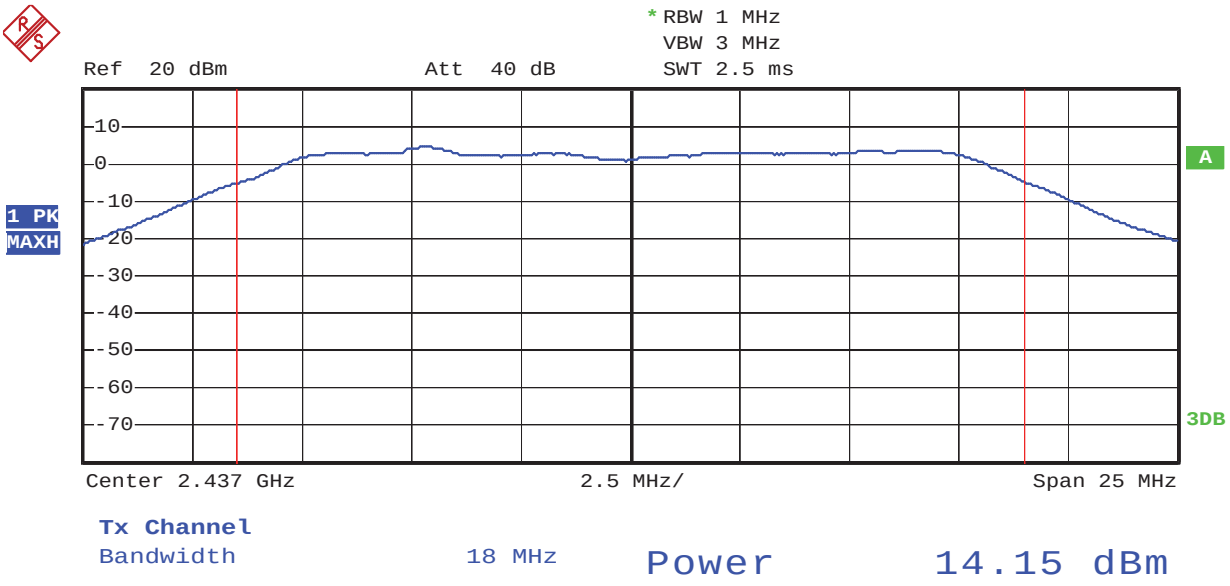
802.11g Channel High 2462MHz



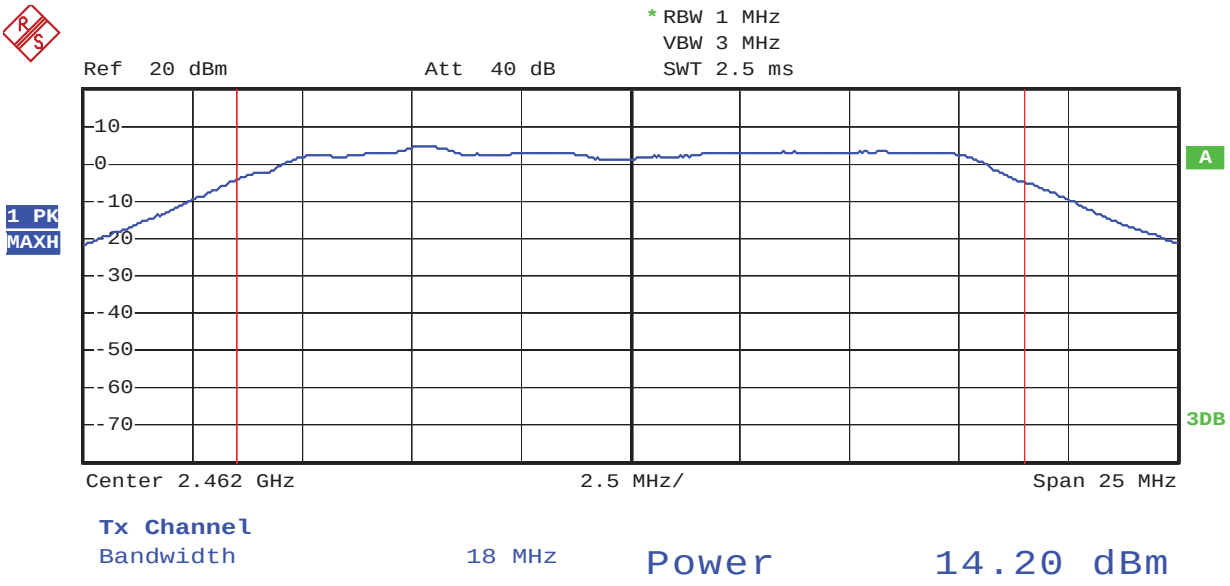
802.11n Channel High 2412MHz



802.11n Channel High 2437MHz

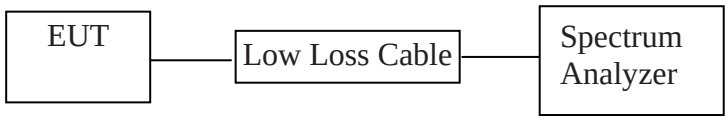


802.11n Channel High 2462MHz



7. POWER SPECTRAL DENSITY MEASUREMENT

7.1.Block Diagram of Test Setup



(EUT: Home Network Drive)

7.2.The Requirement For Section 15.247(e)

Section 15.247(e): For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

7.3.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

7.3.1.Home Network Drive (EUT)

Model Number	:	COOBAY^{TM} I
Serial Number	:	N/A
Manufacturer	:	Netac Technology Co., Ltd. Yueliangwan Division

7.4.Operating Condition of EUT

7.4.1.Setup the EUT and simulator as shown as Section 7.1.

7.4.2.Turn on the power of all equipment.

7.4.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462MHz. We select 2412MHz, 2437MHz, 2462MHz TX frequency to transmit.

7.5.Test Procedure

7.5.1.The transmitter output was connected to the spectrum analyzer through a low loss cable.

7.5.2.Set RBW of spectrum analyzer to 3kHz and VBW to 10kHz, sweep time = Span/3kHz.

7.5.3.Measurement the maximum power spectral density.

7.6.Test Result

PASS.

Date of Test:	February 6, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60Hz
Test Mode:	TX	Test Engineer:	Pei

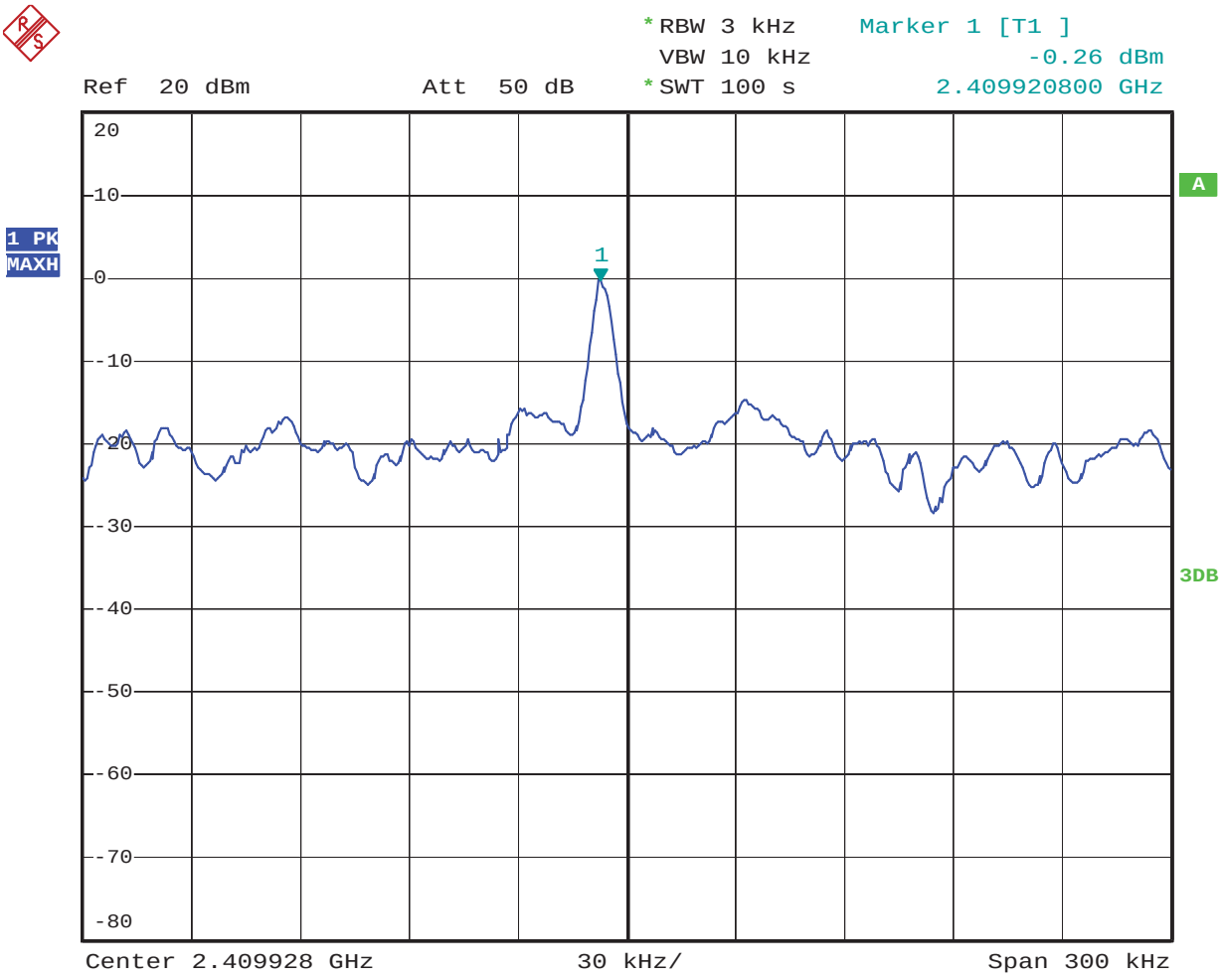
The test was performed with 802.11b			
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2412	-0.26	8 dBm
Middle	2437	-2.03	8 dBm
High	2462	-1.58	8 dBm

The test was performed with 802.11g			
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2412	-24.51	8 dBm
Middle	2437	-22.73	8 dBm
High	2462	-25.52	8 dBm

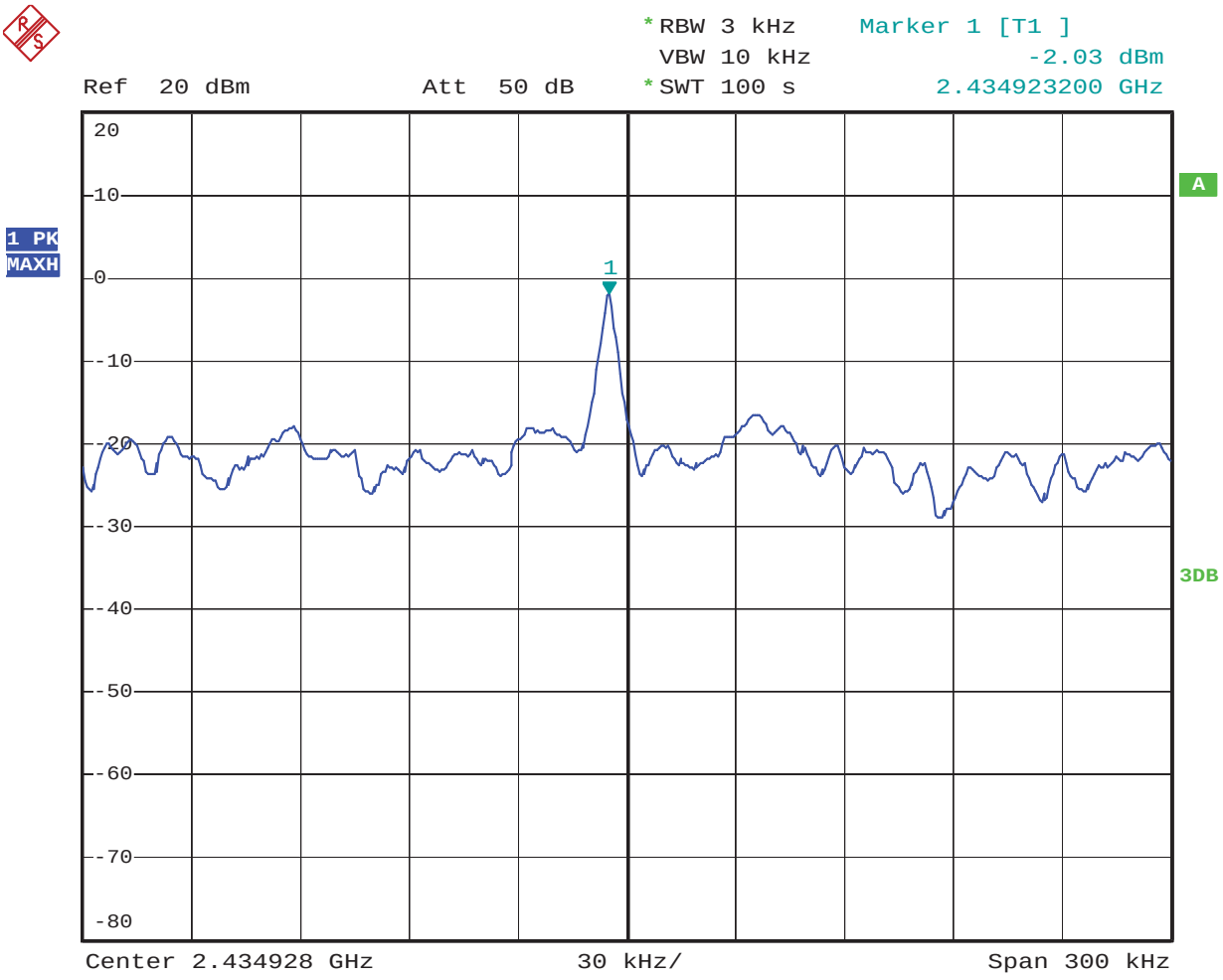
The test was performed with 802.11n			
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2412	-24.06	8 dBm
Middle	2437	-26.16	8 dBm
High	2462	-25.30	8 dBm

The spectrum analyzer plots are attached as below.

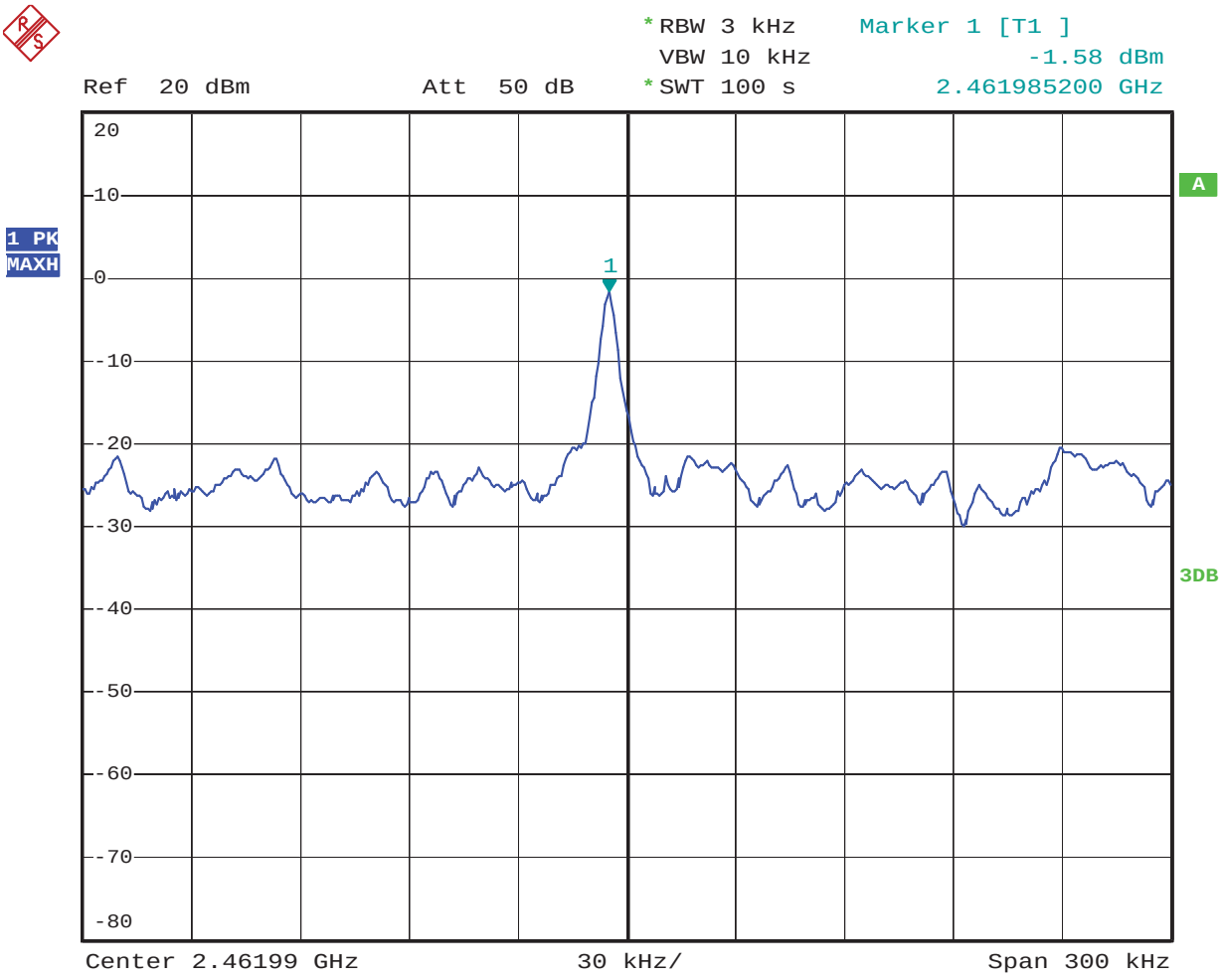
802.11b Channel Low 2412MHz



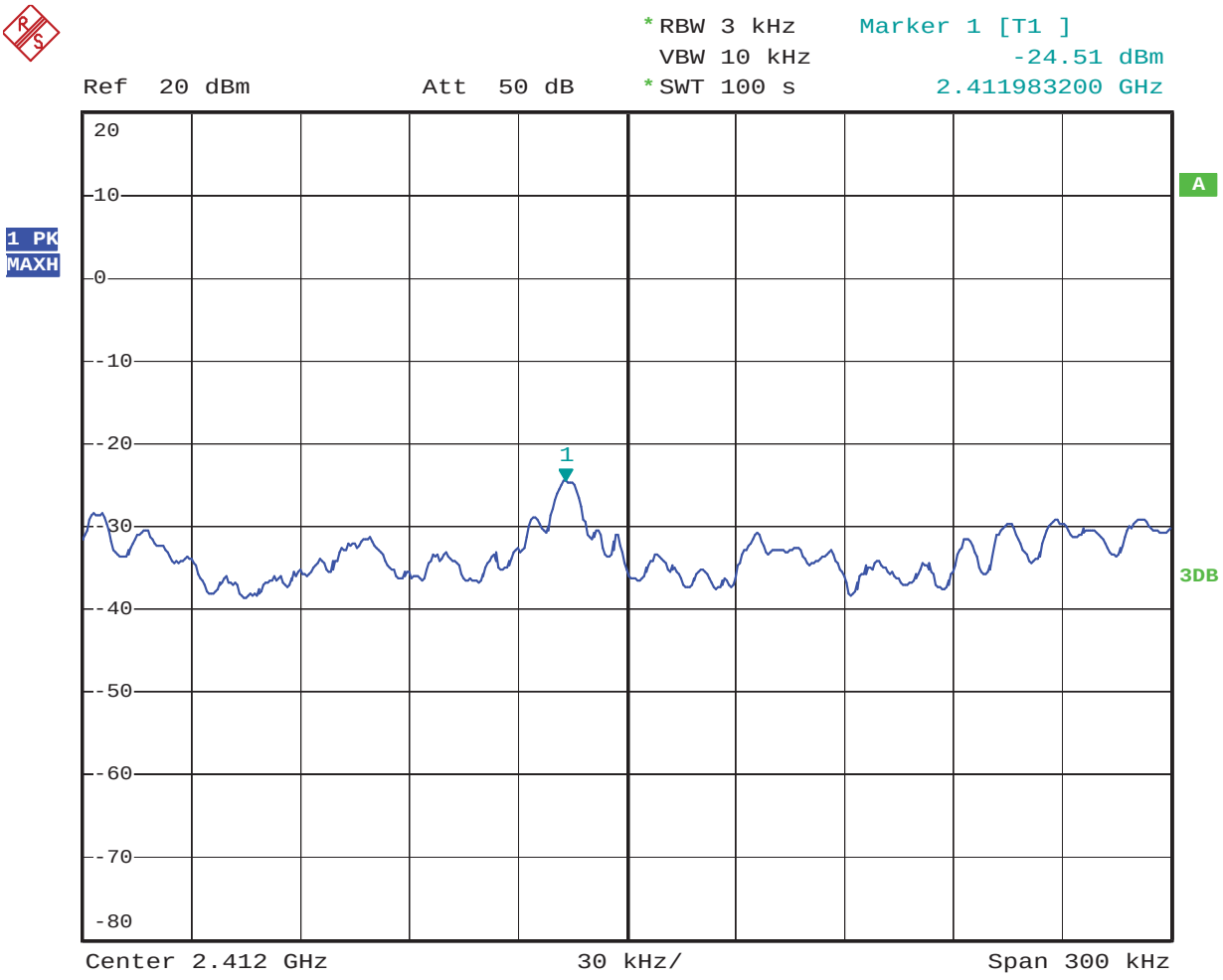
802.11b Channel Middle 2437MHz



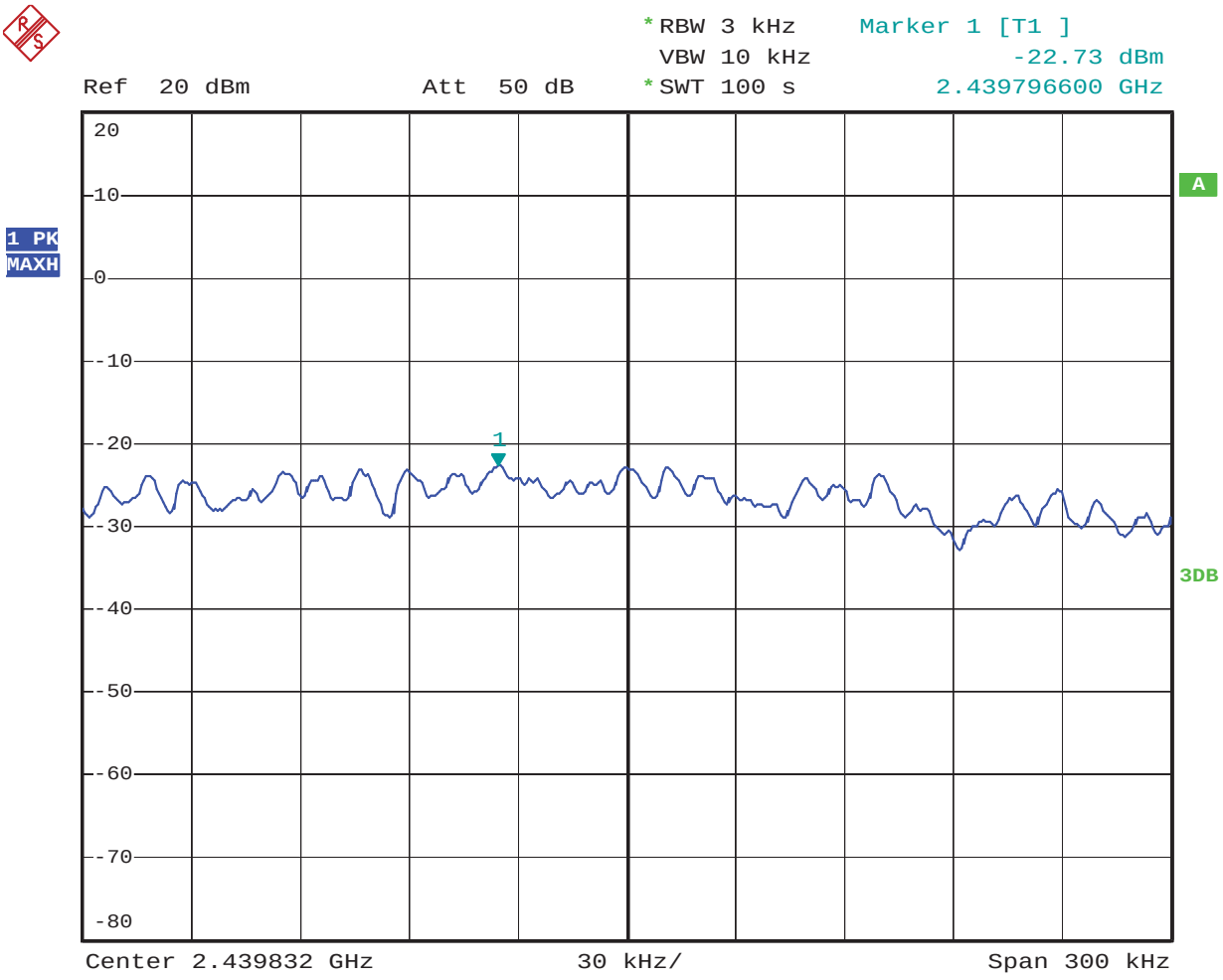
802.11b Channel High 2462MHz



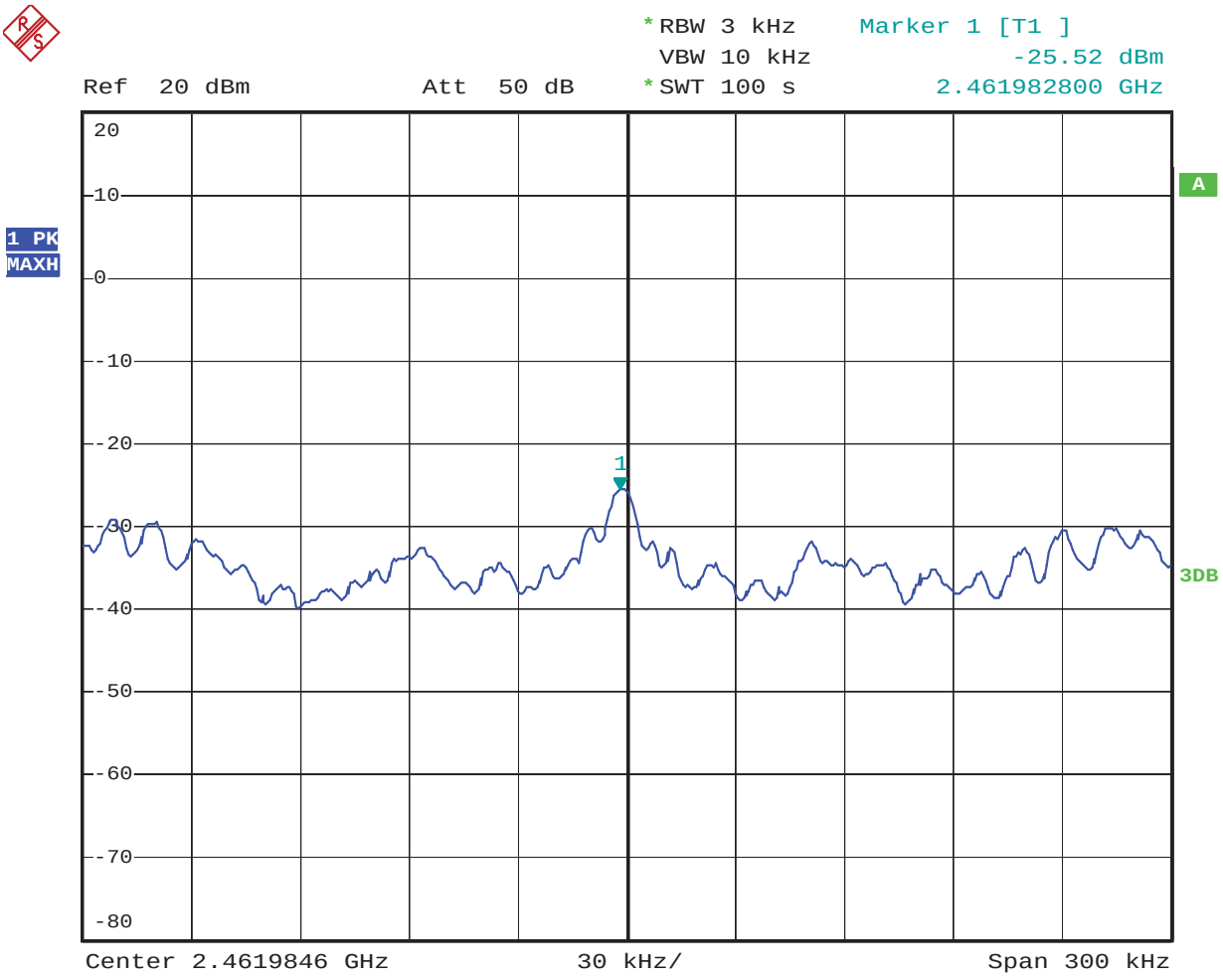
802.11g Channel Low 2412MHz



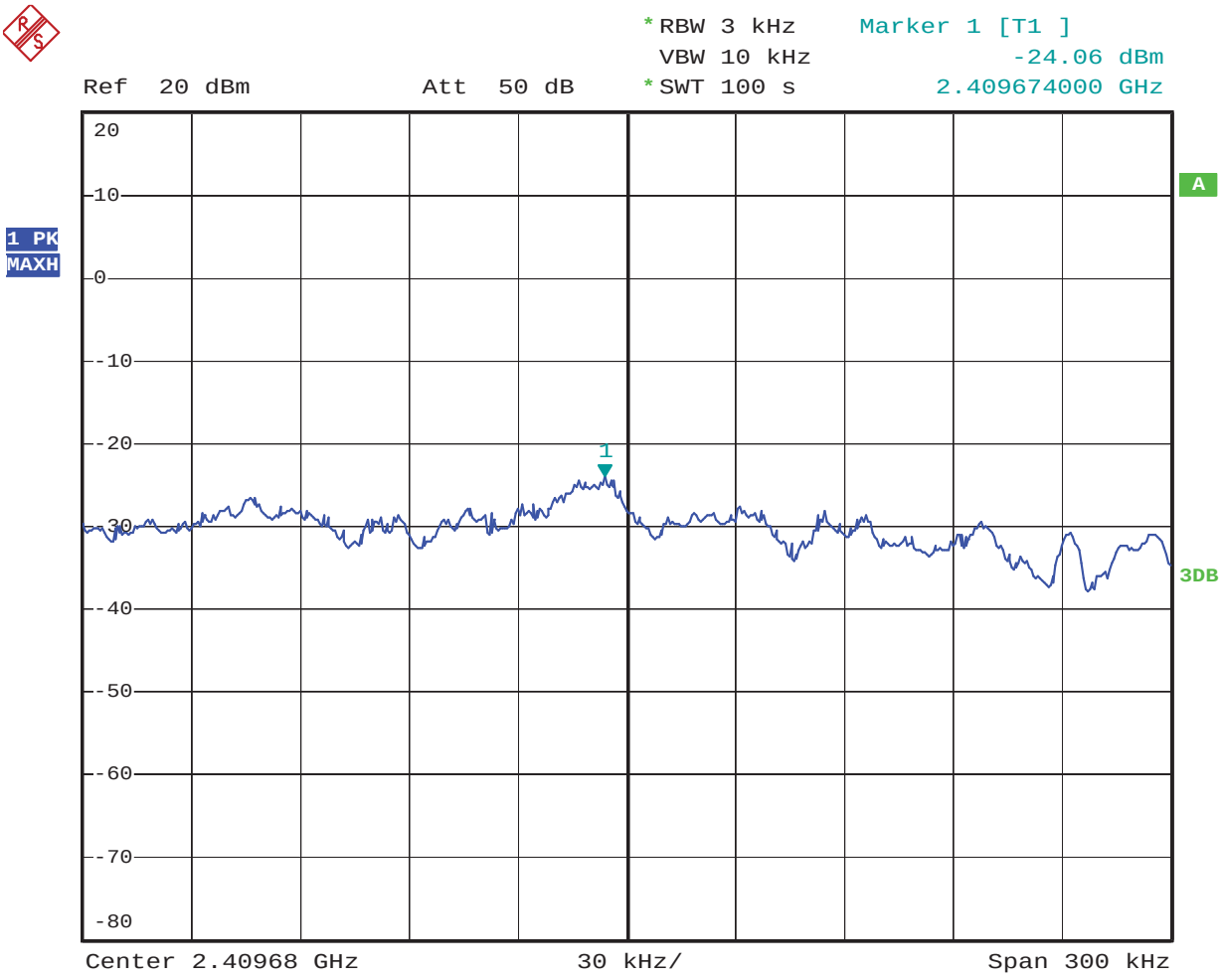
802.11g Channel Middle 2437MHz



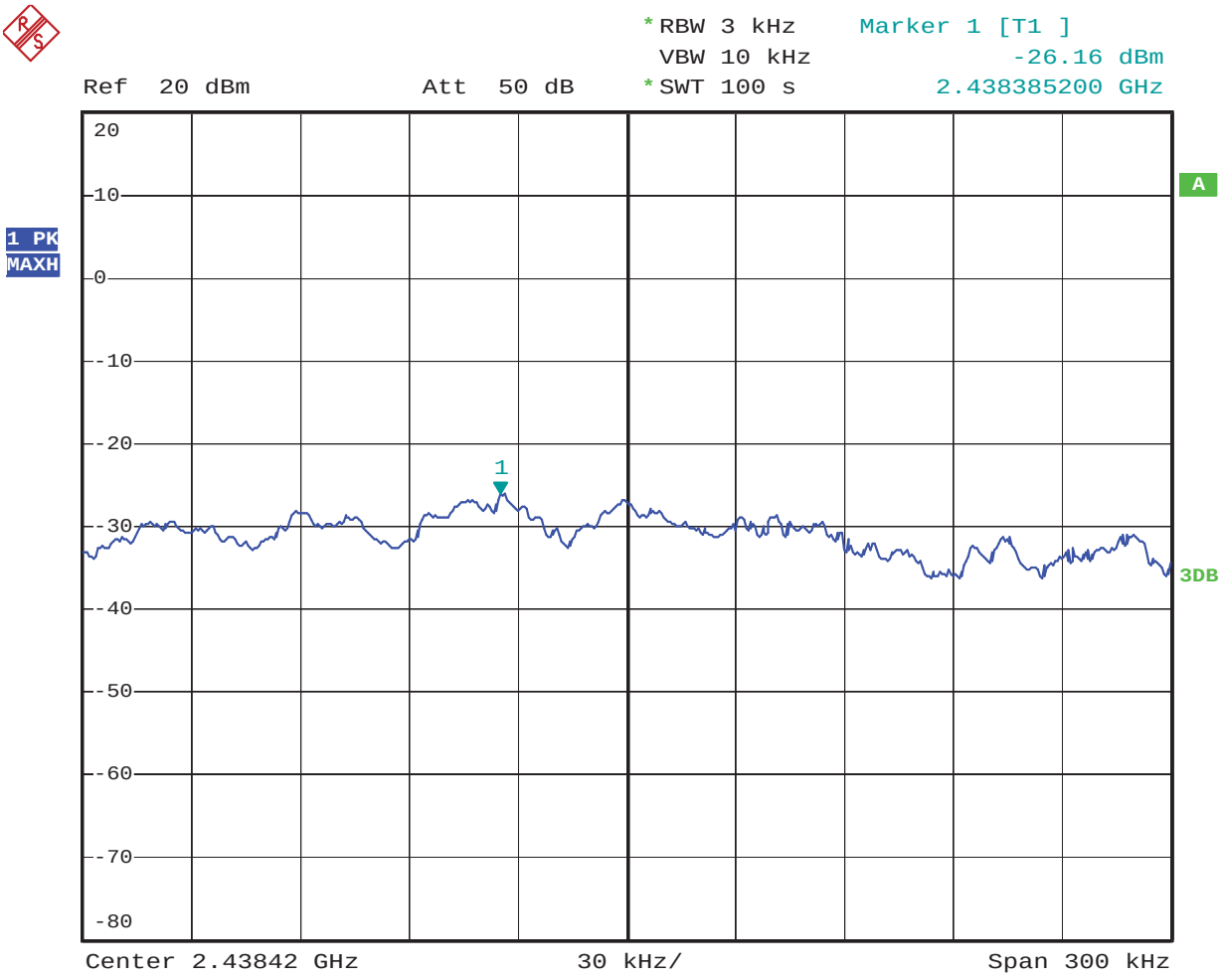
802.11g Channel High 2462MHz



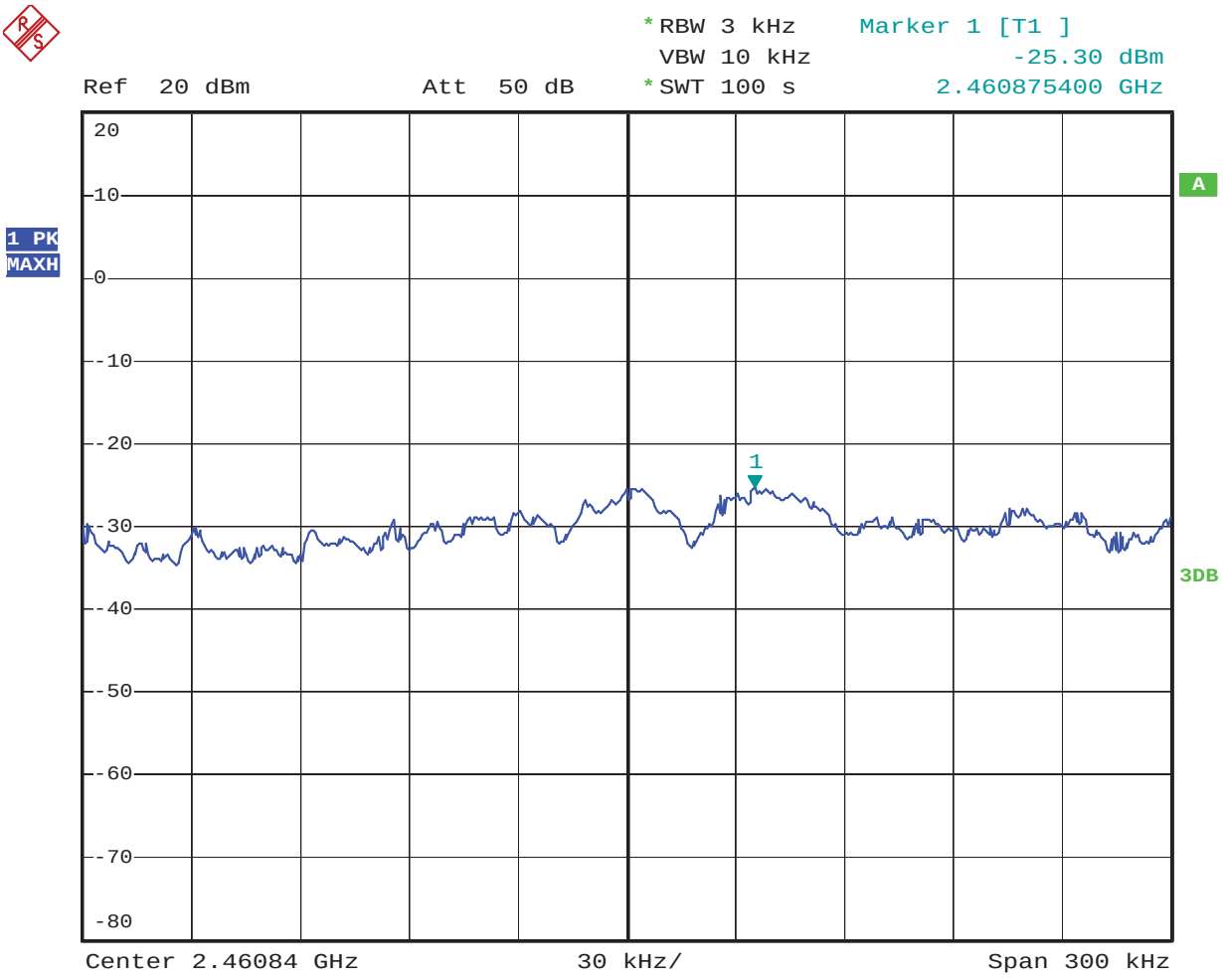
802.11n Channel High 2412MHz



802.11n Channel High 2437MHz

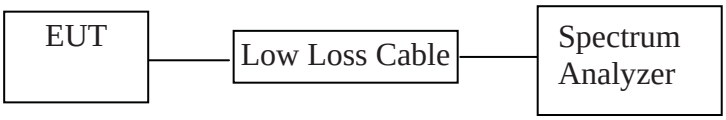


802.11n Channel High 2462MHz



8. BAND EDGE COMPLIANCE TEST

8.1.Block Diagram of Test Setup



(EUT: Home Network Drive)

8.2.The Requirement For Section 15.247(d)

Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

8.3.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

8.3.1.Home Network Drive (EUT)

Model Number	:	COOBAY^{TM} I
Serial Number	:	N/A
Manufacturer	:	Netac Technology Co., Ltd. Yueliangwan Division

8.4.Operating Condition of EUT

8.4.1.Setup the EUT and simulator as shown as Section 8.1.

8.4.2.Turn on the power of all equipment.

8.4.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462MHz. We select 2412MHz, 2462MHz TX frequency to transmit.

8.5.Test Procedure

Conducted Band Edge:

8.5.1. The transmitter output was connected to the spectrum analyzer via a low loss cable.

8.5.2.Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz.

Radiate Band Edge:

8.5.3. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.

8.5.4. The turntable was rotated for 360 degrees to determine the position of maximum emission level.

8.5.5. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.

8.5.6. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:

RBW=1MHz, VBW=1MHz

8.5.7.The band edges was measured and recorded.

8.6.Test Result

Pass

Conducted test

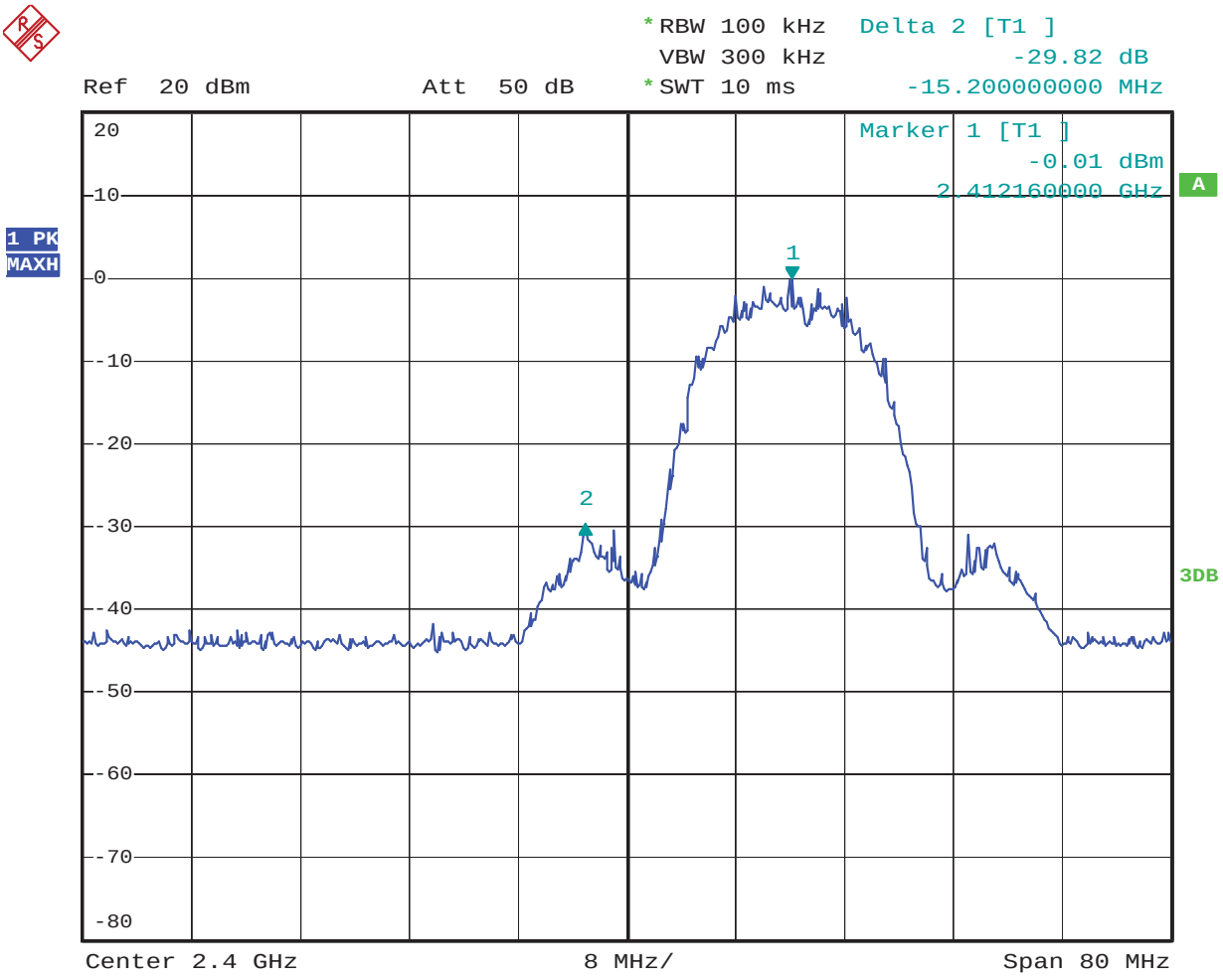
Date of Test:	February 6, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60Hz
Test Mode:	TX	Test Engineer:	Pei

The test was performed with 802.11b		
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	29.82	> 20dBc
2462	40.57	> 20dBc

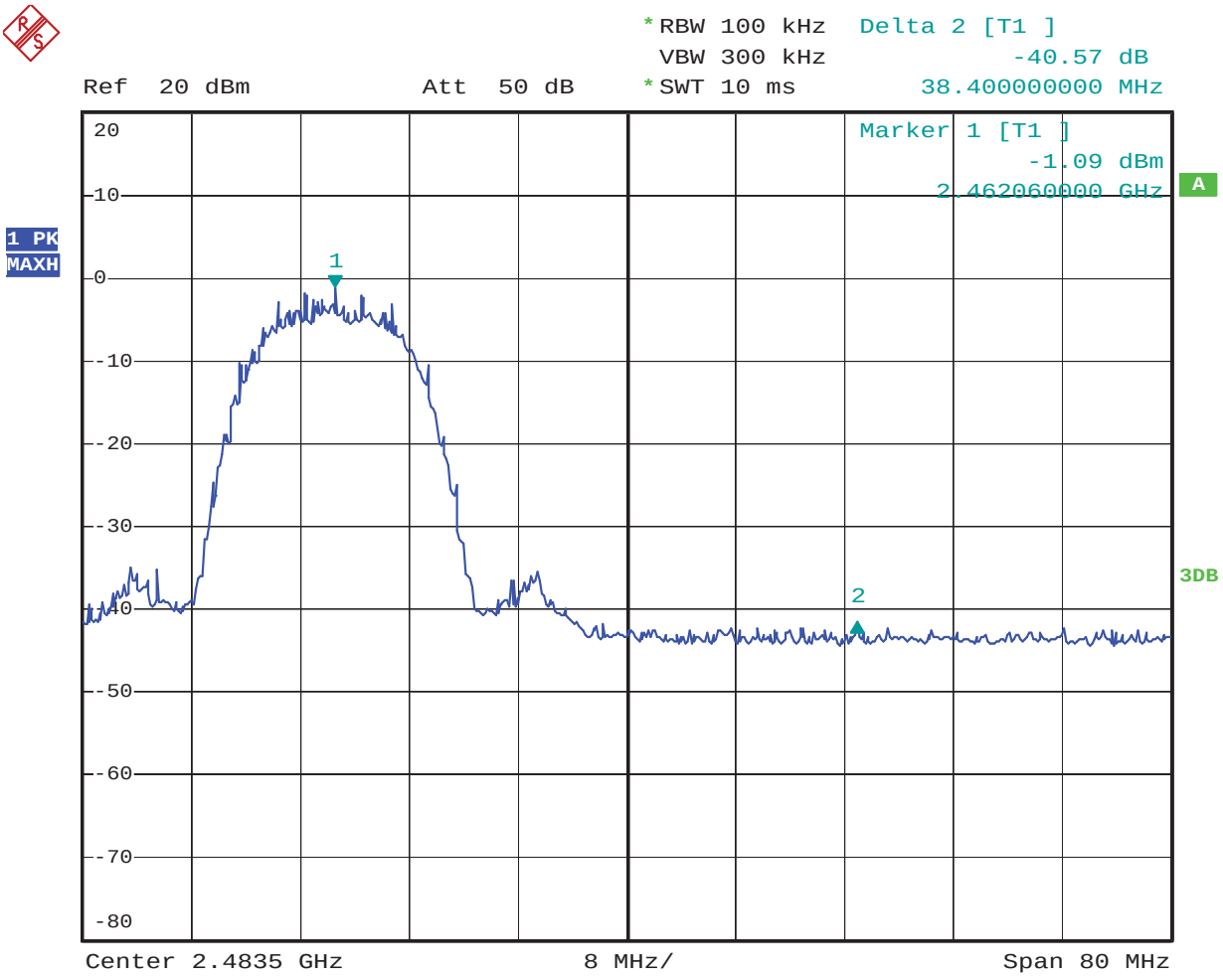
The test was performed with 802.11g		
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	25.79	> 20dBc
2462	37.95	> 20dBc

The test was performed with 802.11n		
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	32.45	> 20dBc
2462	32.76	> 20dBc

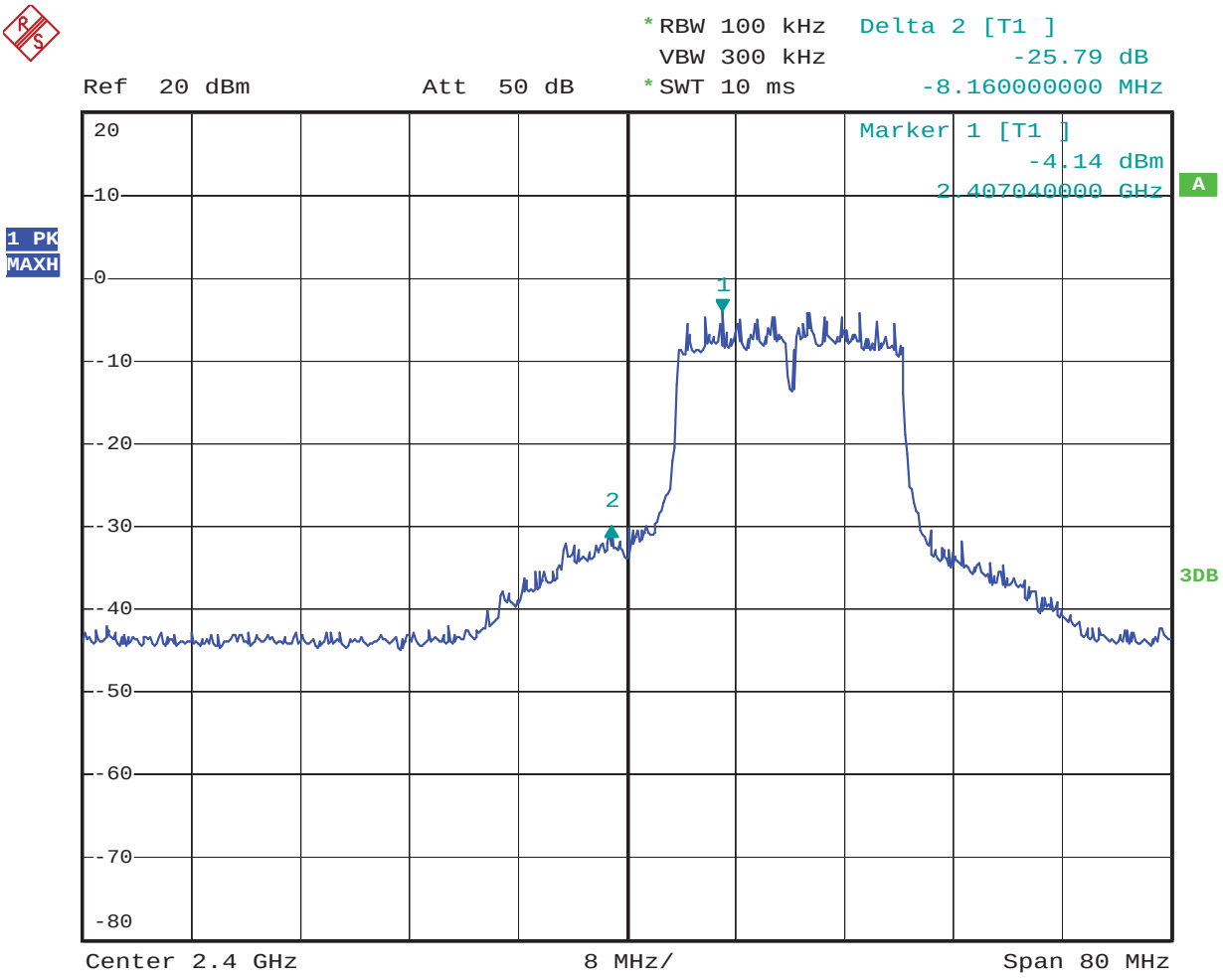
802.11b Channel Low 2412MHz



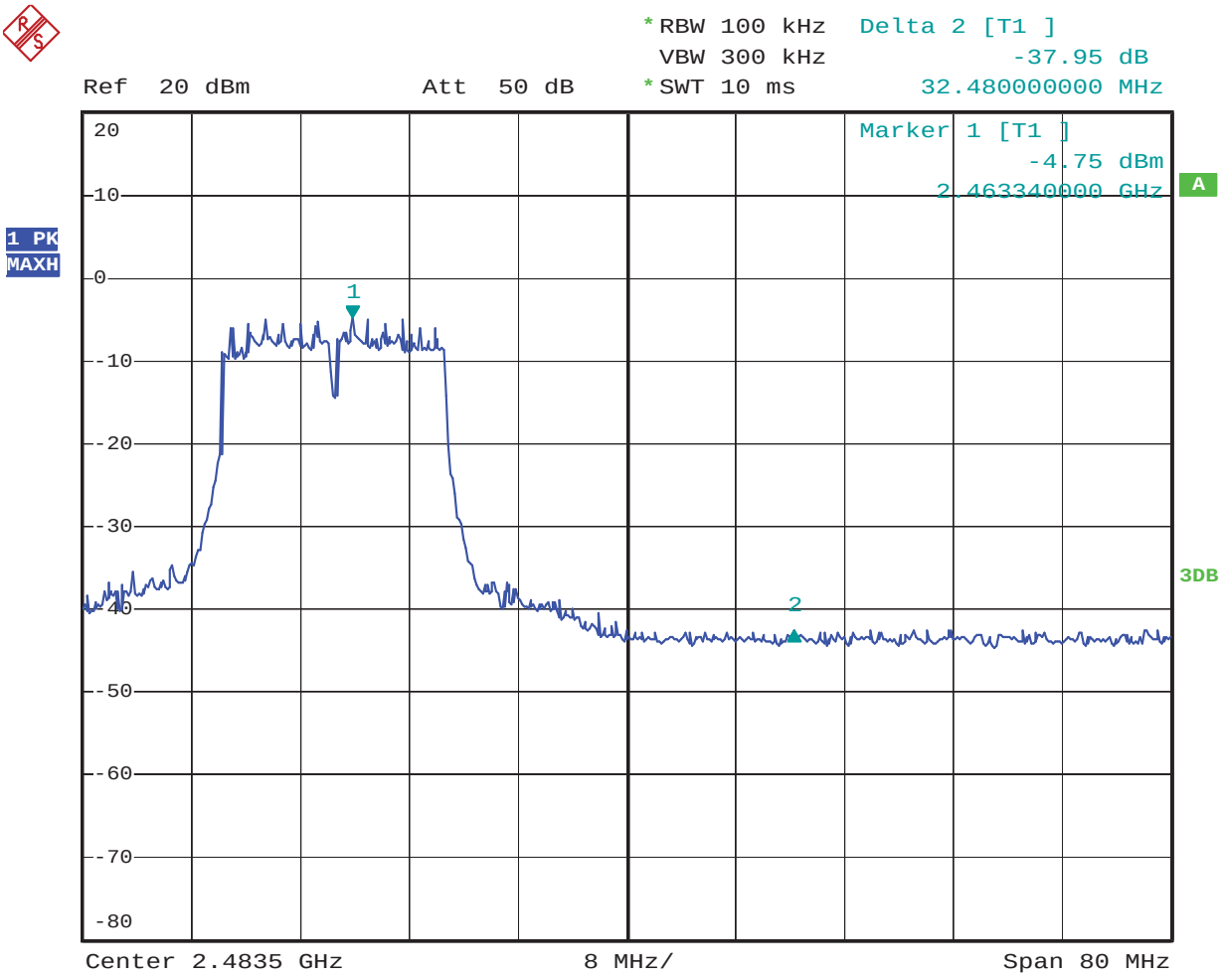
802.11b Channel High 2462MHz



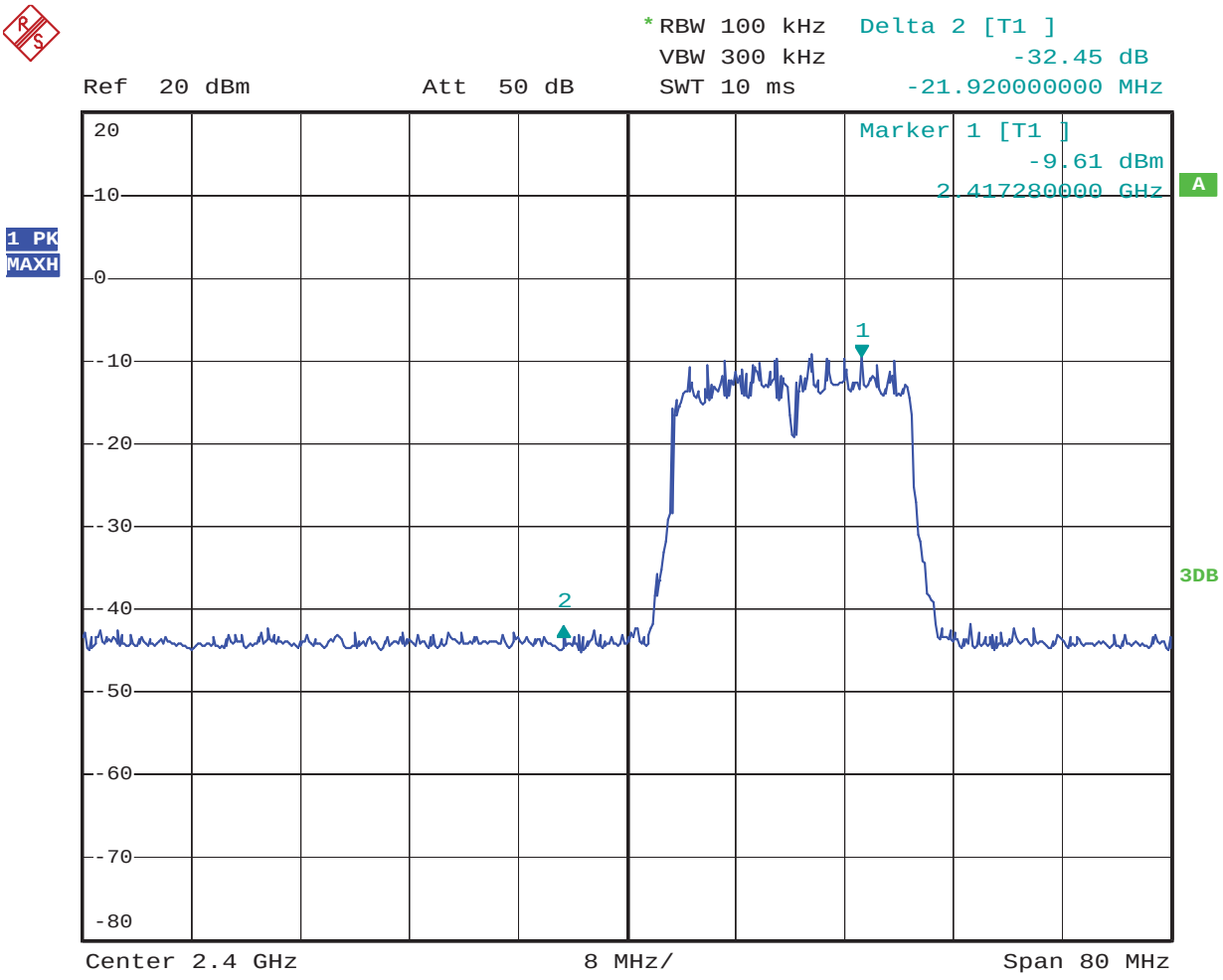
802.11g Channel Low 2412MHz



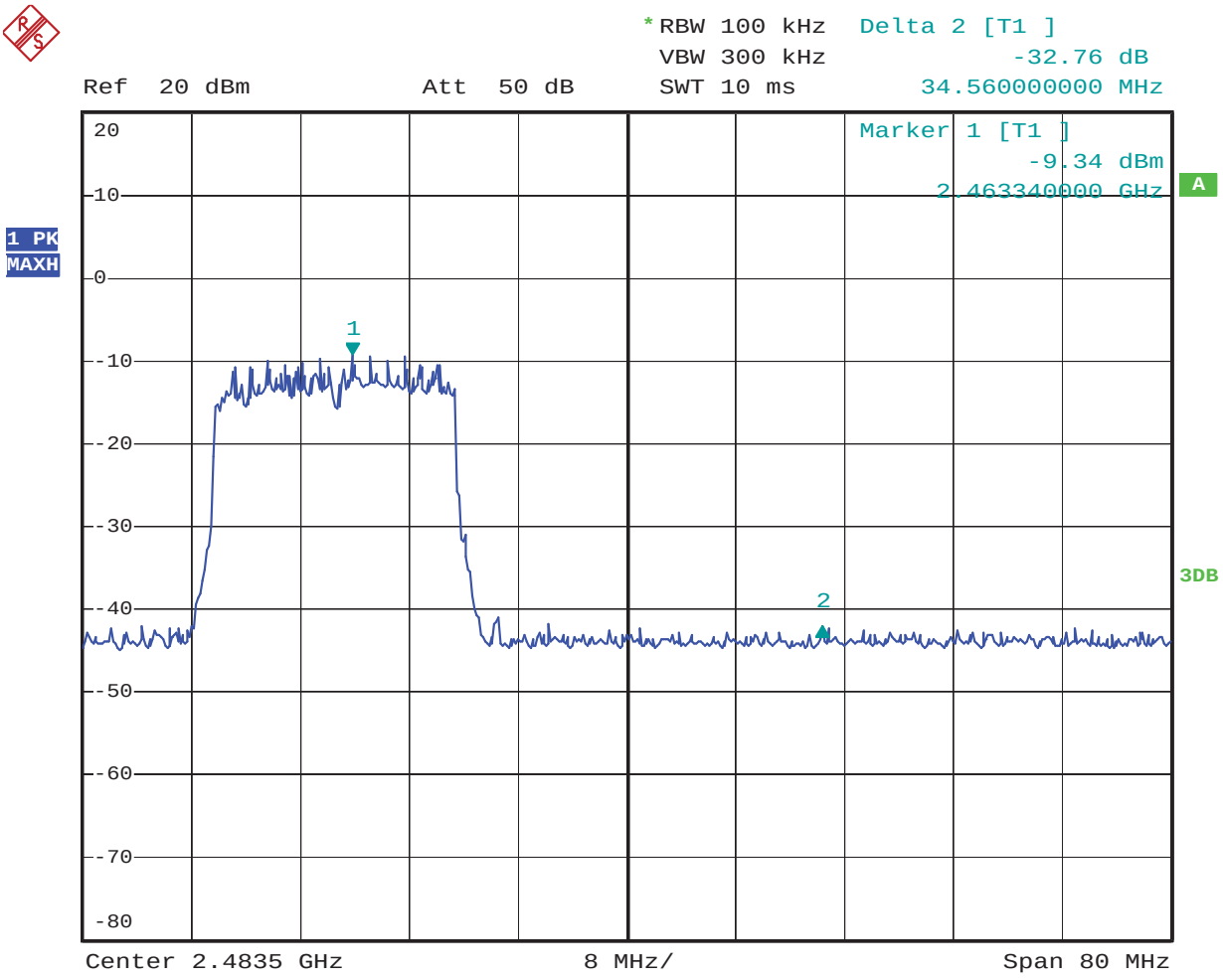
802.11g Channel High 2462MHz



802.11n Channel High 2412MHz



802.11n Channel High 2462MHz



Radiated Band Edge Result

Date of Test:	February 8, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60Hz
Test Mode:	802.11b Channel Low 2412MHz	Test Engineer:	Pei

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	February 8, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60Hz
Test Mode:	802.11b Channel High 2462MHz	Test Engineer:	Pei

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
   Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	February 8, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60Hz
Test Mode:	802.11g Channel Low 2412MHz	Test Engineer:	Pei

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	February 8, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60Hz
Test Mode:	802.11g Channel High 2462MHz	Test Engineer:	Pei

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
   Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	February 8, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60Hz
Test Mode:	802.11n Channel Low 2412MHz	Test Engineer:	Pei

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	February 8, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60Hz
Test Mode:	802.11n Channel High 2462MHz	Test Engineer:	Pei

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

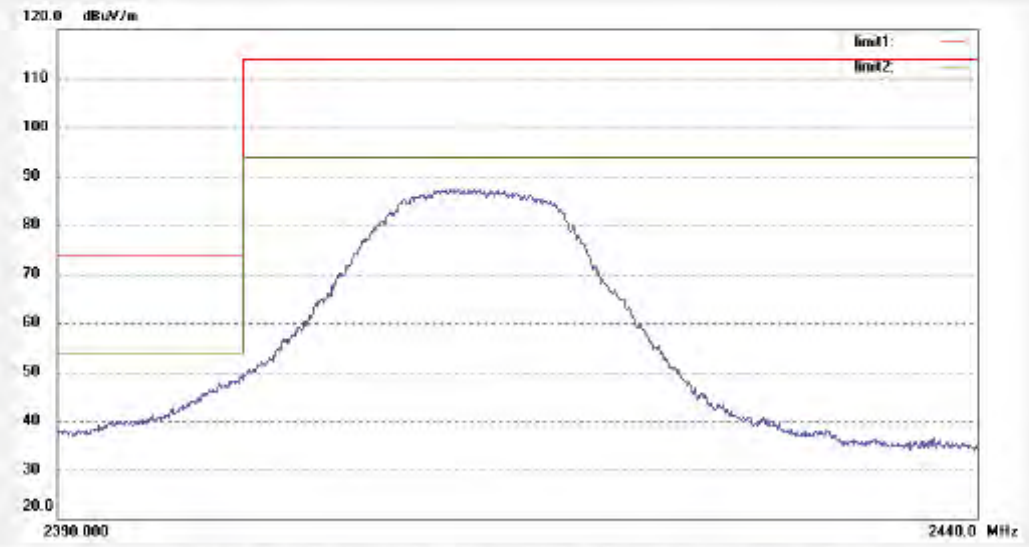
Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
   Result = Reading + Corrected Factor
3. Display the measurement of peak values.

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #1733	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:08:59
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 1(802.11b)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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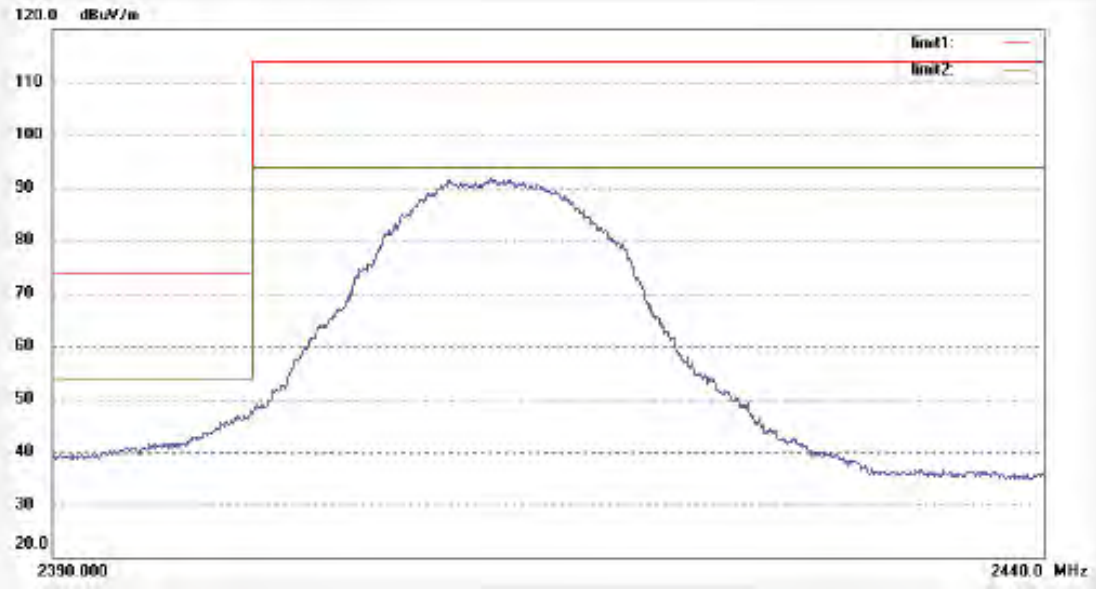
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #1734	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:13:22
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 1(802.11b)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797

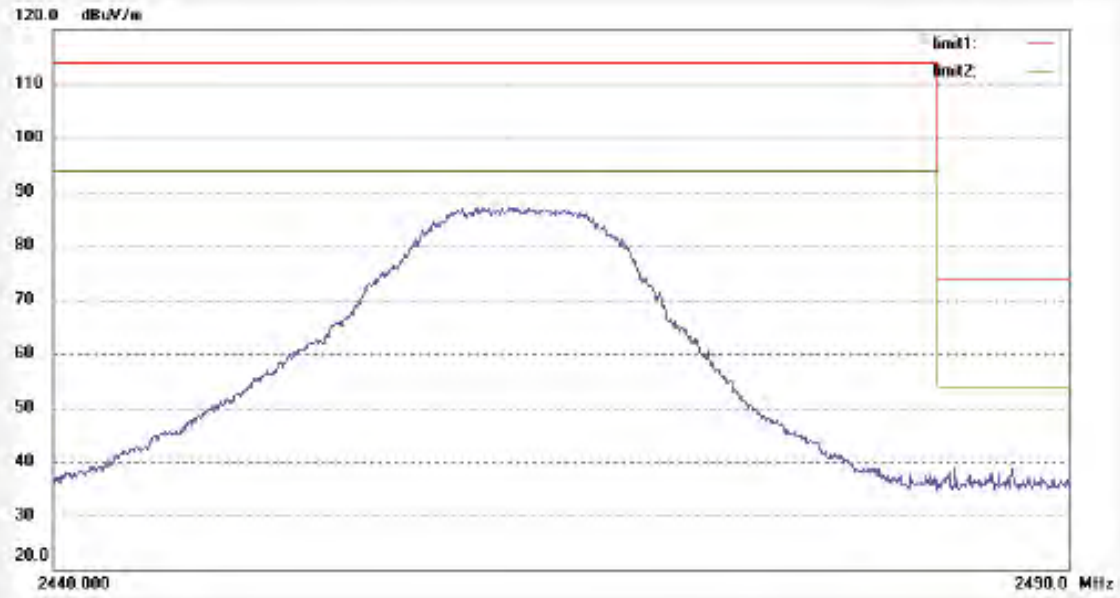


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #1736	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:25:43
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 11(802.11b)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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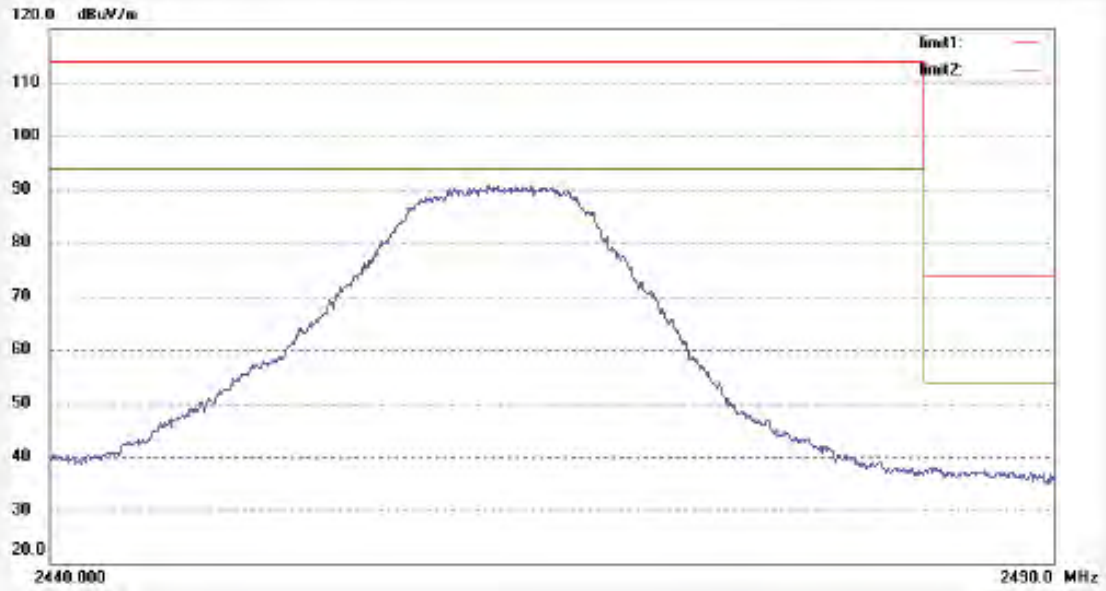
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #1735	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:20:31
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 11(802.11b)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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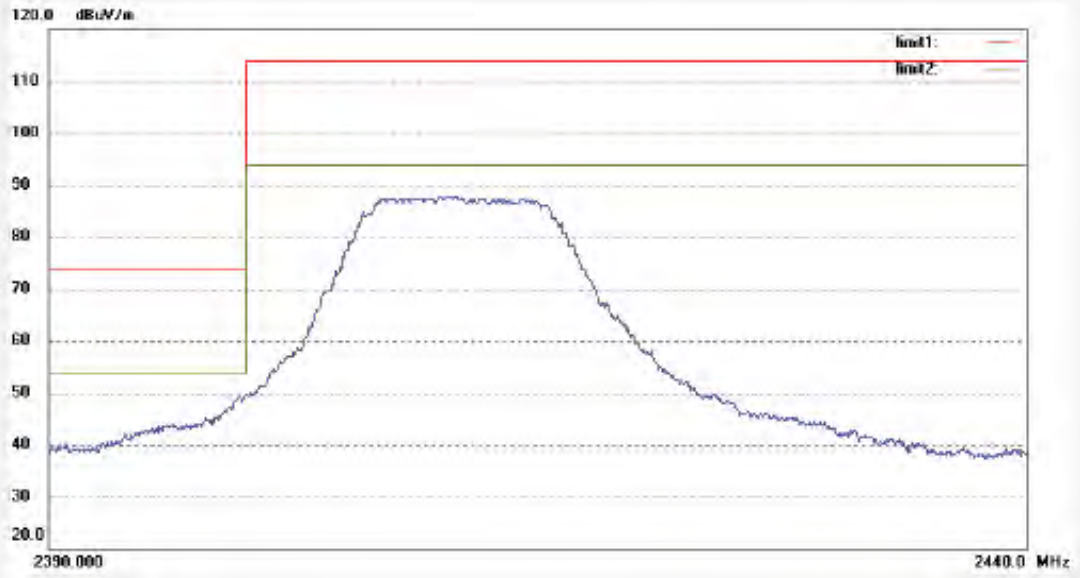
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #1801	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/13
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 19:45:56
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 1(802.11g)	Distance: 3m
Model: COOBAY	
Manufacturer: Netac	

Note: Report No.:ATE20112797

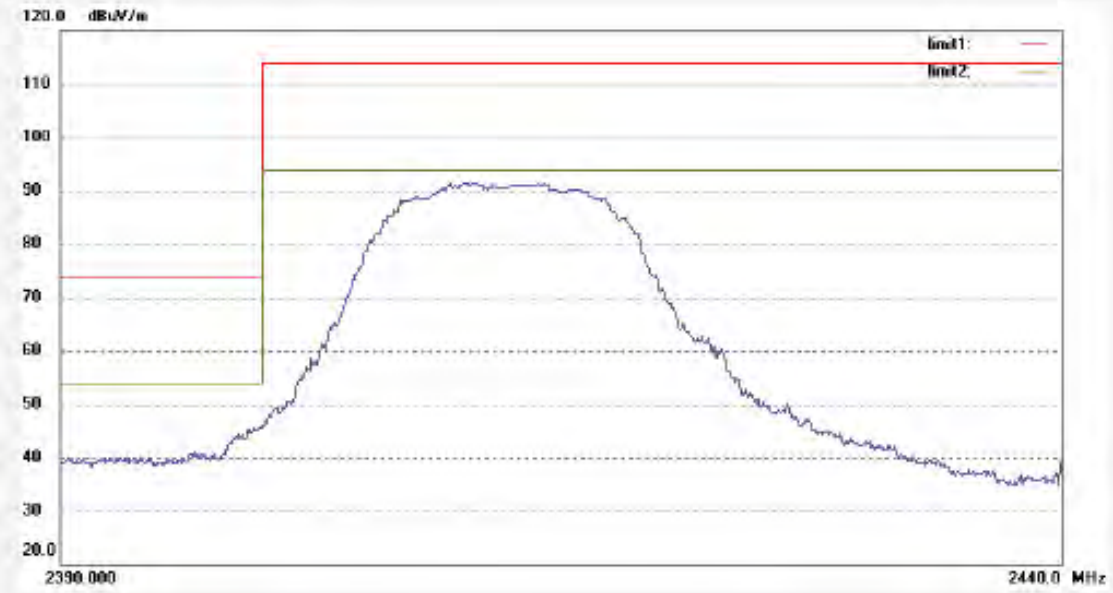


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #1802	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/13
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 19:51:22
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 1(802.11g)	Distance: 3m
Model: COOBAY	
Manufacturer: Netac	

Note: Report No.:ATE20112797

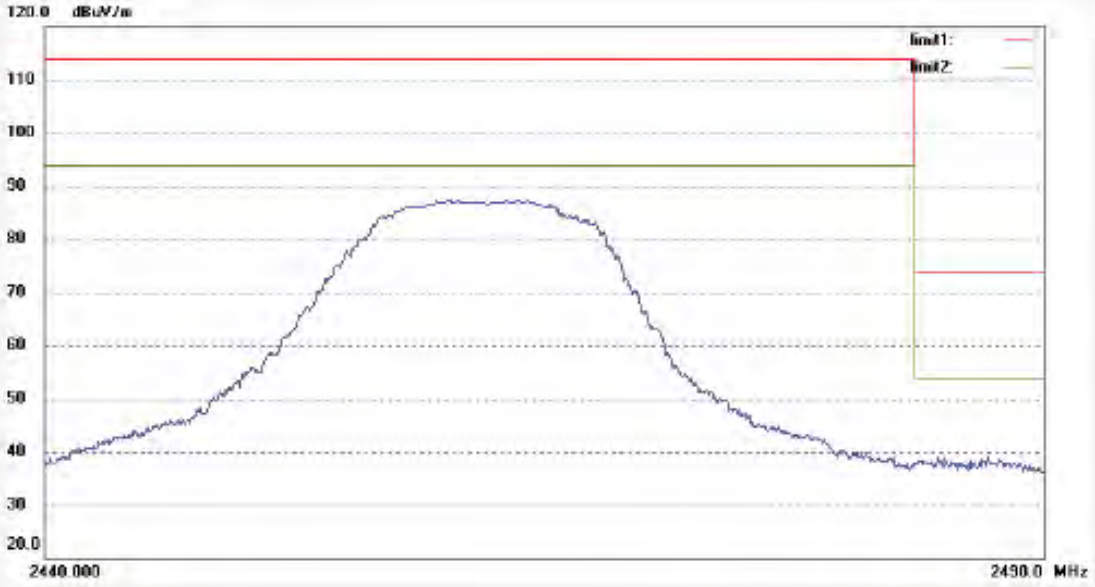


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #1804	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/13
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 20:00:48
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 11(802.11g)	Distance: 3m
Model: COOBAY	
Manufacturer: Netac	

Note: Report No.:ATE20112797

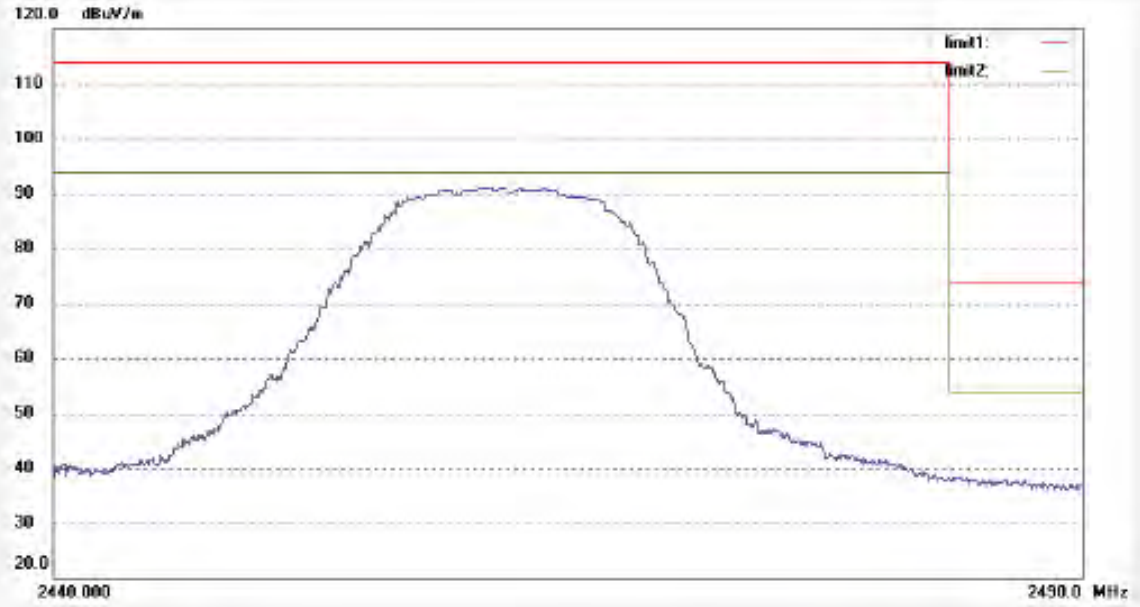


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #1803	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/13
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 19:58:10
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 11(802.11g)	Distance: 3m
Model: COOBAY	
Manufacturer: Netac	

Note: Report No.:ATE20112797

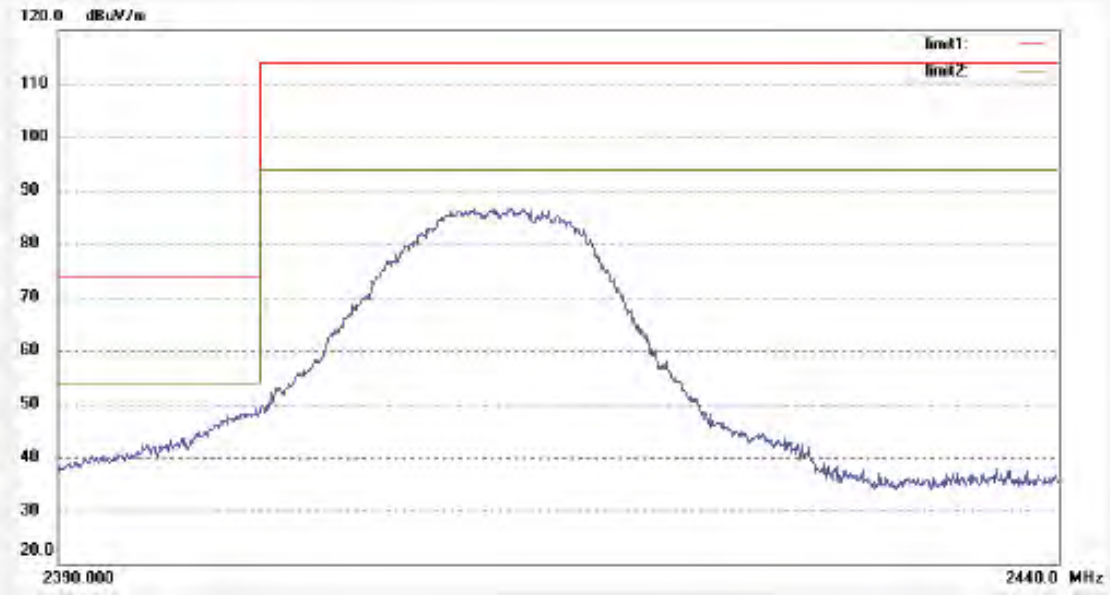


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #1739	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:33:37
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 1(802.11n)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797

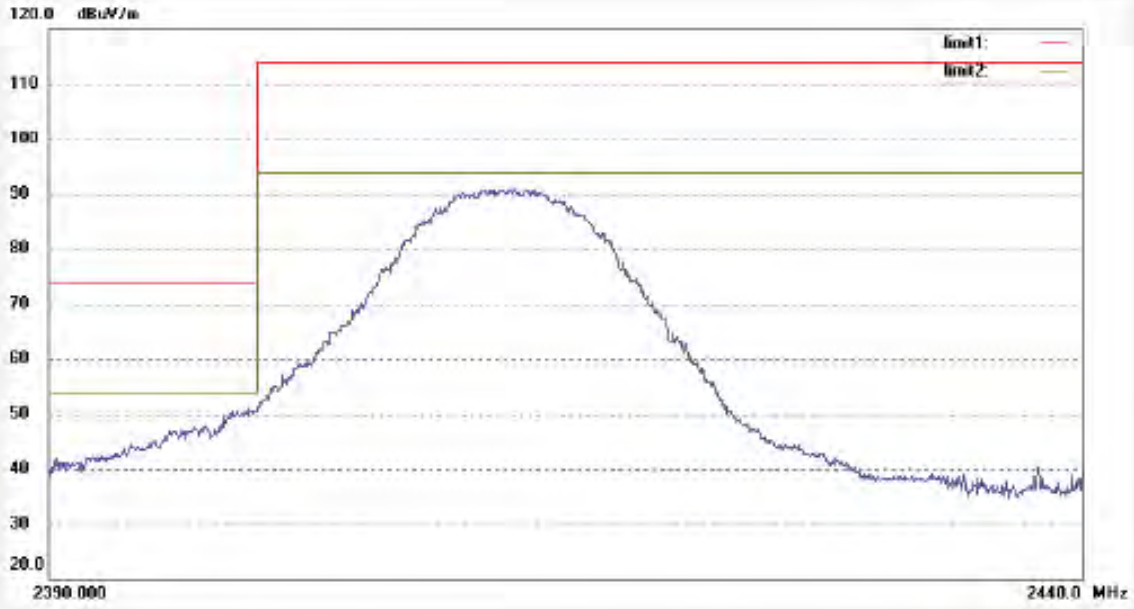


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #1740	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:37:21
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 1(802.11n)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797

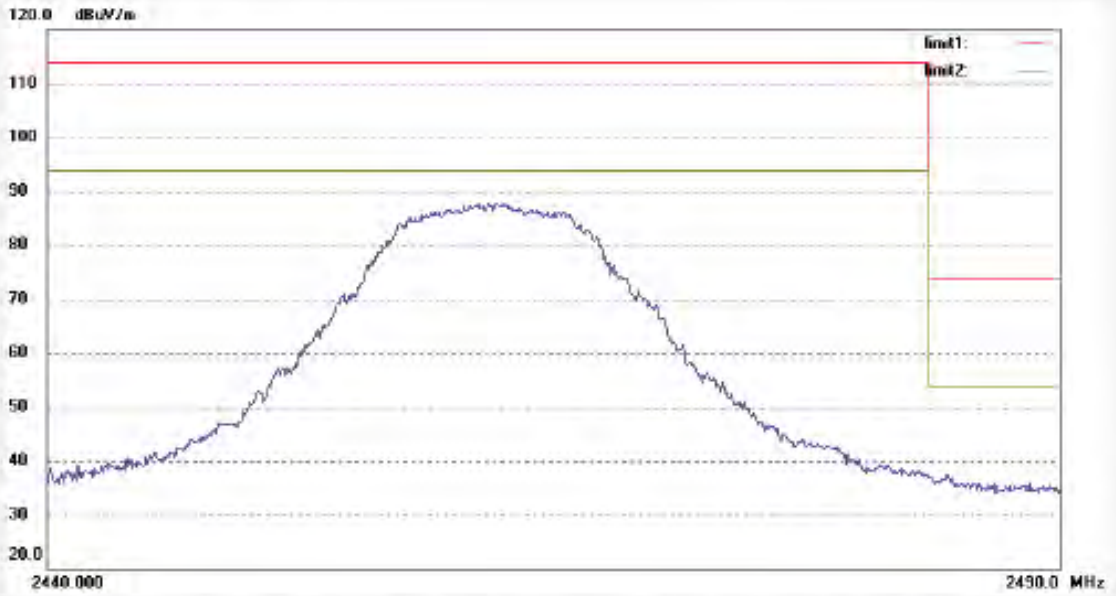


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #1737	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:29:39
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 11(802.11n)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797

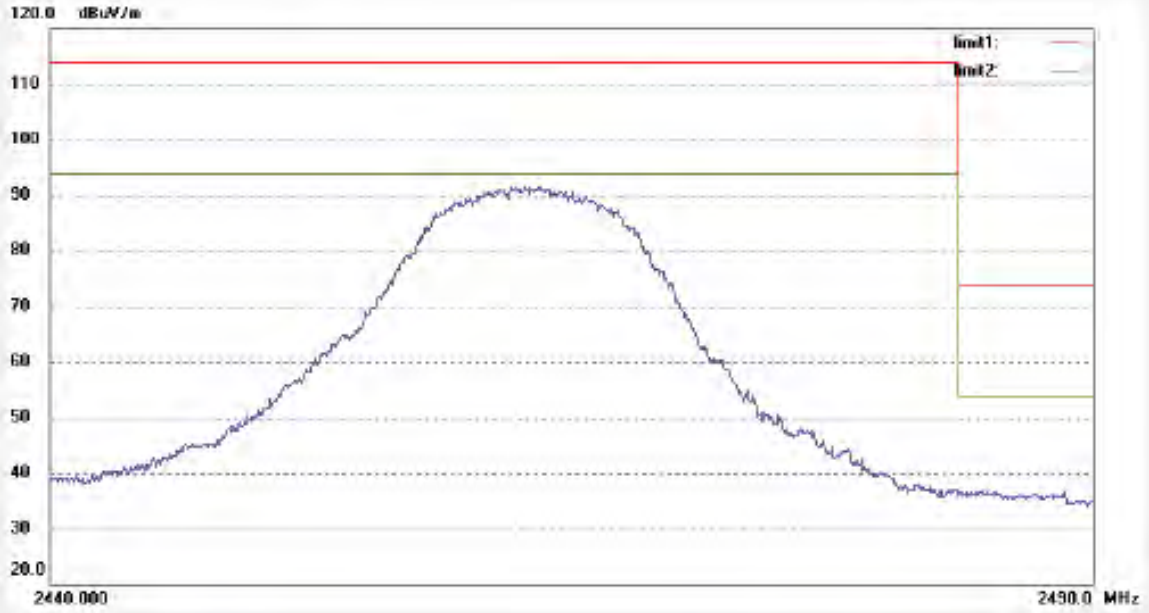


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #1738	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:31:38
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 11(802.11n)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797

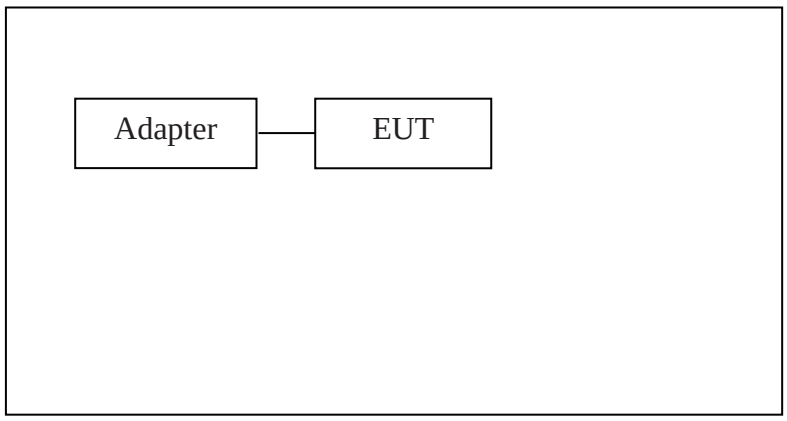


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

9. RADIATED SPURIOUS EMISSION TEST

9.1.Block Diagram of Test Setup

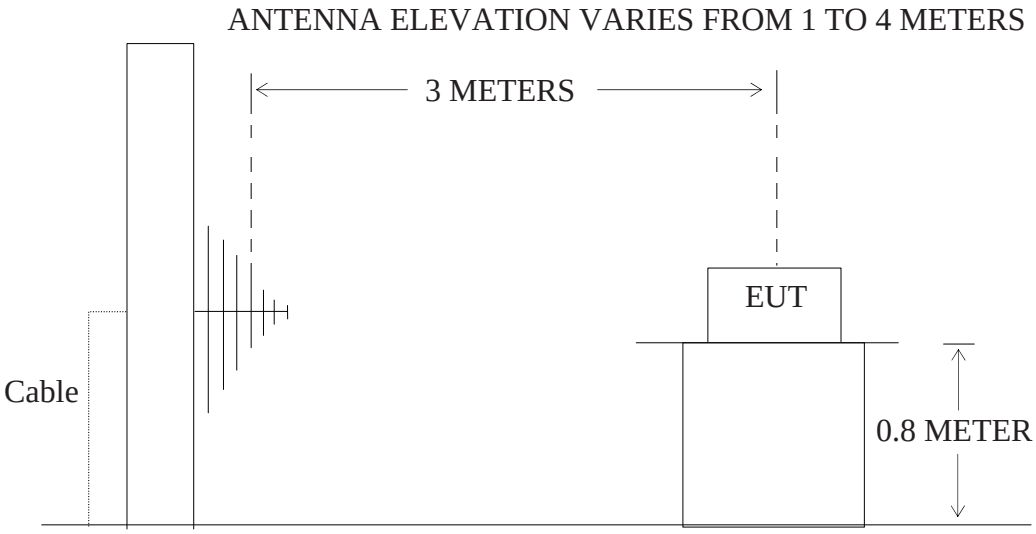
9.1.1.Block diagram of connection between the EUT and peripherals



Setup: Transmitting mode

(EUT: Home Network Drive)

9.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: Home Network Drive)

9.2.The Limit For Section 15.247(d)

Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

9.3.Restricted bands of operation

9.3.1.FCC Part 15.205 Restricted bands of operation

(a) Except as shown in paragraph (d) of this section, Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41			

[1]Until February 1, 1999, this restricted band shall be 0.490-0.510
[2]Above 38.6

(b) Except as provided in paragraphs (d) and (e), the field strength of emission appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000MHz, Compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000MHz, compliance with the emission limits in Section15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

9.4.Configuration of EUT on Measurement

The following equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

9.4.1.Home Network Drive (EUT)

Model Number	:	COOBAY^{TM} I
Serial Number	:	N/A
Manufacturer	:	Netac Technology Co., Ltd. Yueliangwan Division

9.5.Operating Condition of EUT

9.5.1.Setup the EUT and simulator as shown as Section 8.1.

9.5.2.Turn on the power of all equipment.

9.5.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462MHz. We select 2412MHz, 2437MHz, 2462MHz TX frequency to transmit.

9.6.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.
The worst-case data rate for this channel to be 1Mbps for 802.11b mode and 6Mbps for 802.11g mode, based on previous with 802.11 WLAN product design architectures.

The bandwidth of test receiver (R&S ESI26) is set at 120kHz in 30-1000MHz. and set at 1MHz in above 1000MHz.
The frequency range from 30MHz to 25000MHz is checked.
The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is performed with Average detector. Except those frequency bands mention above, the final measurement for frequencies below 1000MHz is performed with Quasi Peak detector.
The field strength is calculated by adding the antenna factor, and cable loss, and subtracting the amplifier gain from the measured reading. The basic equation calculation is as follows:
Result = Reading + Corrected Factor
Where Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

9.7.The Field Strength of Radiation Emission Measurement Results

PASS.

Date of Test:	February 7, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel Low 2412MHz	Test Engineer:	Pei

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
165.4715	22.88	14.67	37.55	43.50	-5.95	Vertical
208.6579	21.74	16.31	38.05	43.50	-5.45	
221.5010	20.29	16.76	37.05	46.00	-8.95	Horizontal
460.0122	12.62	23.23	35.85	46.00	-10.15	
960.0000	14.24	29.69	43.93	46.00	-2.07	

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
*5000.000	45.30	47.57	0.70	46.00	48.27	54	74	-8.00	-25.73	Vertical
6000.000	47.15	48.29	2.30	49.45	50.59	54	74	-4.55	-23.41	
*5000.000	42.23	44.00	0.70	43.93	44.70	54	74	-10.07	-29.30	Horizontal
6000.000	41.45	43.16	2.30	43.75	45.46	54	74	-10.25	-28.54	

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	February 7, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel Middle 2437MHz	Test Engineer:	Pei

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
165.4715	27.30	14.67	41.97	43.50	-1.53	Vertical
205.7548	23.79	16.20	39.99	43.50	-3.51	
222.2807	18.76	16.80	35.56	46.00	-10.44	Horizontal
458.3987	12.18	23.19	35.37	46.00	-10.63	
960.0000	13.50	29.69	43.19	46.00	-2.81	

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
*5000.000	46.43	48.43	0.70	47.13	49.13	54	74	-6.87	-24.87	Vertical
6000.000	46.80	48.44	2.30	49.10	50.74	54	74	-4.90	-23.26	
*5000.000	41.26	43.98	0.70	41.96	44.68	54	74	-12.04	-29.32	Horizontal
6000.000	39.43	41.43	2.30	41.73	43.73	54	74	-12.27	-30.27	

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	February 7, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel High 2462MHz	Test Engineer:	Pei

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
166.6385	23.80	14.68	38.48	43.50	-5.02	Vertical
202.1630	21.09	16.21	37.30	43.50	-6.20	
226.2202	20.25	16.91	37.16	46.00	-8.84	Horizontal
960.0000	13.82	29.69	43.51	46.00	-2.49	

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
*5000.000	44.12	46.59	0.70	44.82	47.29	54	74	-9.18	-26.71	Vertical
6000.000	46.23	48.66	2.30	48.53	50.96	54	74	-5.47	-23.04	
*5000.000	41.80	44.19	0.70	42.50	44.89	54	74	-11.50	-29.11	Horizontal
6000.000	39.00	41.62	2.30	41.30	43.92	54	74	-12.70	-30.08	

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	February 7, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel Low 2412MHz	Test Engineer:	Pei

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
164.8911	22.76	14.66	37.42	43.50	-6.08	Vertical
203.5886	20.94	16.19	37.13	43.50	-6.37	
214.6063	19.31	16.52	35.83	43.50	-7.67	Horizontal
960.0000	13.62	29.69	43.31	46.00	-2.69	

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
*5000.000	42.12	46.64	0.51	42.63	47.15	54	74	-11.37	-26.85	Vertical
6000.000	41.85	44.73	1.96	43.81	46.69	54	74	-10.19	-27.31	
*5000.000	42.30	43.91	0.70	43.00	44.61	54	74	-11.00	-29.39	Horizontal
6000.000	40.40	41.61	2.30	42.70	43.91	54	74	-11.30	-30.09	

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	February 7, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel Middle 2437MHz	Test Engineer:	Pei

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
163.7366	23.50	14.64	38.14	43.50	-5.36	Vertical
208.6580	20.65	16.31	36.96	43.50	-6.54	
215.5010	20.050	16.55	36.60	43.50	-6.90	Horizontal
960.0000	14.02	29.69	43.71	46.00	-2.29	

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
*5000.000	45.20	46.97	0.70	45.90	47.67	54	74	-8.10	-26.334	Vertical
6000.000	44.11	45.07	2.30	46.41	47.37	54	74	-7.59	-26.63	
*5000.000	43.60	44.80	0.70	44.30	45.50	54	74	-9.70	-28.50	Horizontal
6000.000	41.30	42.18	2.30	43.60	44.48	54	74	-10.40	-29.52	

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	February 7, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel High 2462MHz	Test Engineer:	Pei

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
163.7366	23.80	14.64	38.44	43.50	-5.06	Vertical
205.0243	22.29	16.17	38.46	43.50	-5.04	
213.8535	19.11	16.50	35.61	43.50	-7.89	Horizontal
960.0000	14.27	29.69	43.96	46.00	-2.04	

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
*5000.000	43.60	45.62	0.70	44.30	46.32	54	74	-9.70	-27.68	Vertical
6000.000	44.80	46.98	2.30	47.10	49.28	54	74	-6.90	-24.72	Vertical
*5000.000	43.10	44.81	0.70	43.80	45.51	54	74	-10.20	-28.49	Horizontal
6000.000	41.20	42.59	2.30	43.50	44.89	54	74	-10.50	-29.11	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	February 7, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Low 2412MHz	Test Engineer:	Pei

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
164.8912	23.50	14.66	38.16	43.50	-5.34	Vertical
210.1294	20.59	16.37	36.96	43.50	-6.54	
213.8534	19.52	16.50	36.02	43.50	-7.48	Horizontal
960.0000	13.44	29.69	43.13	46.00	-2.87	

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
*5000.000	45.10	46.66	0.70	45.80	47.36	54	74	-8.20	-6.64	Vertical
6000.000	46.20	47.09	2.30	48.50	49.39	54	74	-5.50	-24.61	Vertical
*5000.000	43.10	44.43	0.70	43.80	45.13	54	74	-10.20	-28.87	Horizontal
6000.000	41.90	42.31	2.30	44.20	44.61	54	74	-9.80	-29.39	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	February 7, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Middle 2437MHz	Test Engineer:	Pei

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
163.7366	23.03	14.64	37.67	43.50	-5.83	Vertical
197.2513	21.50	16.17	37.67	43.50	-5.83	
211.6112	20.69	16.41	37.10	43.50	-6.40	Horizontal
960.0000	13.54	29.69	43.23	46.00	-2.77	

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV-	PEAK	
*5000.000	47.00	48.18	0.70	47.70	48.88	54	74	-6.30	25.12	Vertical
6000.000	45.90	47.78	2.30	48.20	50.08	54	74	-5.80	-23.92	Vertical
*5000.000	42.60	43.93	0.70	43.30	44.63	54	74	-10.70	-29.37	Horizontal
6000.000	41.60	42.81	2.30	43.90	45.11	54	74	-10.10	-28.89	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	February 7, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel High 2462MHz	Test Engineer:	Pei

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
163.7366	23.21	14.64	37.85	43.50	-5.65	Vertical
197.2514	21.60	16.17	37.77	43.50	-5.73	
203.5886	19.86	16.13	35.99	43.50	-7.51	Horizontal
960.0000	13.84	29.69	43.53	46.00	-2.47	

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
*5000.000	46.40	47.36	0.70	47.10	48.06	54	74	-6.90	-5.94	Vertical
6000.000	45.90	46.75	2.30	48.20	49.05	54	74	-5.80	-24.95	Vertical
*5000.000	44.12	43.00	0.70	44.82	43.70	54	74	-9.18	-30.30	Horizontal
6000.0000	42.70	43.34	2.30	45.00	45.64	54	74	-9.00	-28.36	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

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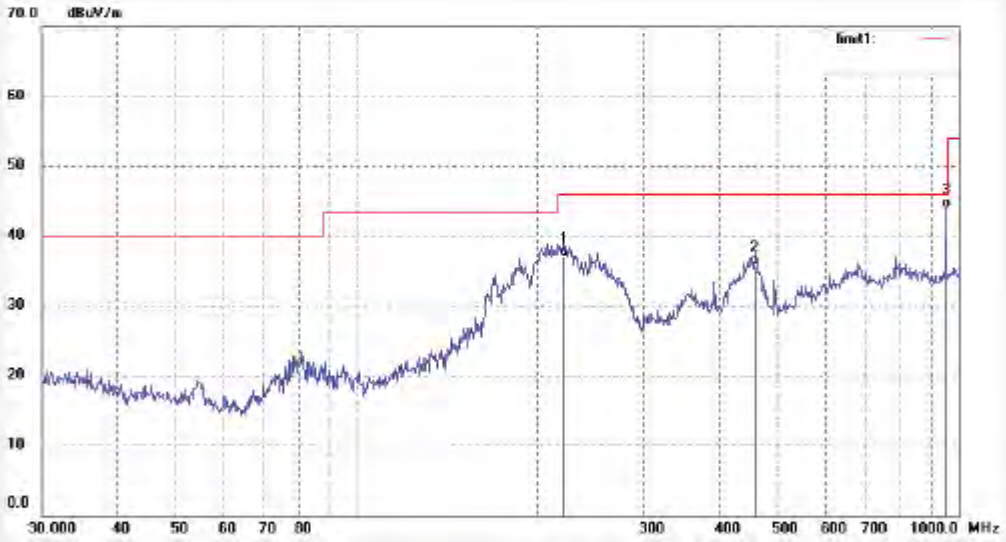
Fax:+86-0755-26503396

Job No.: STAR #1607	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/07
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:20:08
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 1(802.11b)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	221.5010	20.29	16.76	37.05	46.00	-8.95	QP			
2	460.0122	12.62	23.23	35.85	46.00	-10.15	QP			
3	960.0000	14.24	29.69	43.93	46.00	-2.07	QP			

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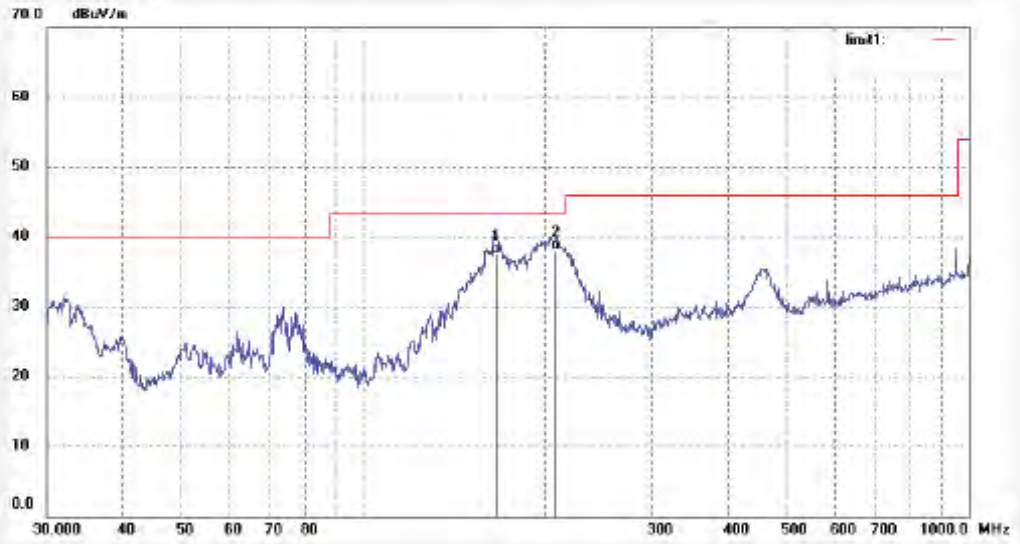
Job No.: STAR #1608
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 1(802.11b)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 14:25:40
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	165.4715	22.88	14.67	37.55	43.50	-5.95	QP			
2	208.6579	21.74	16.31	38.05	43.50	-5.45	QP			

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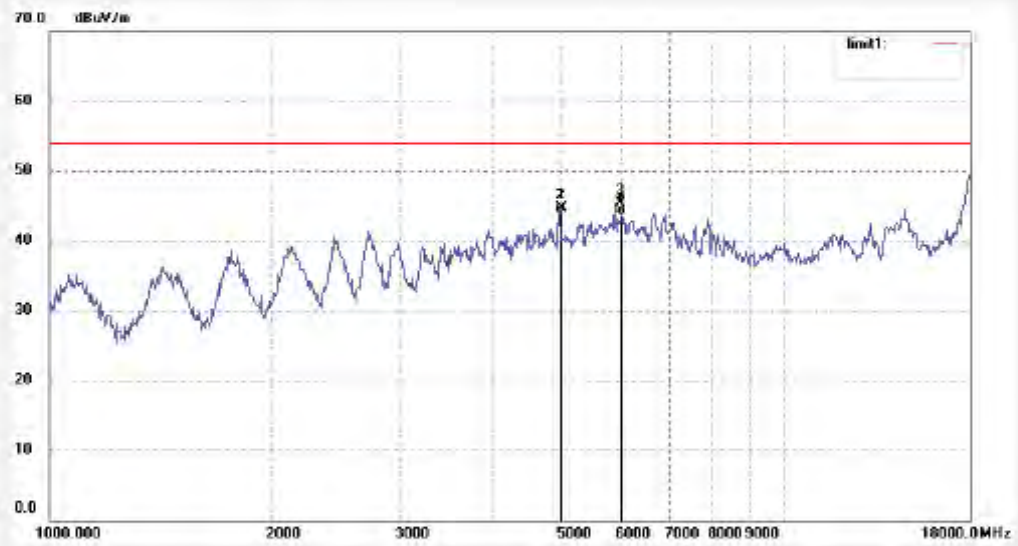
Job No.: STAR #1698	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/07
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 20:13:13
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 1(802.11b)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	44.00	0.70	44.70	54.00	-29.30	peak			
2	5000.000	43.23	0.70	43.93	54.00	-10.07	AVG			
3	6000.000	43.16	2.30	45.46	54.00	-28.54	peak			
4	6000.000	41.45	2.30	43.75	54.00	-10.25	AVG			

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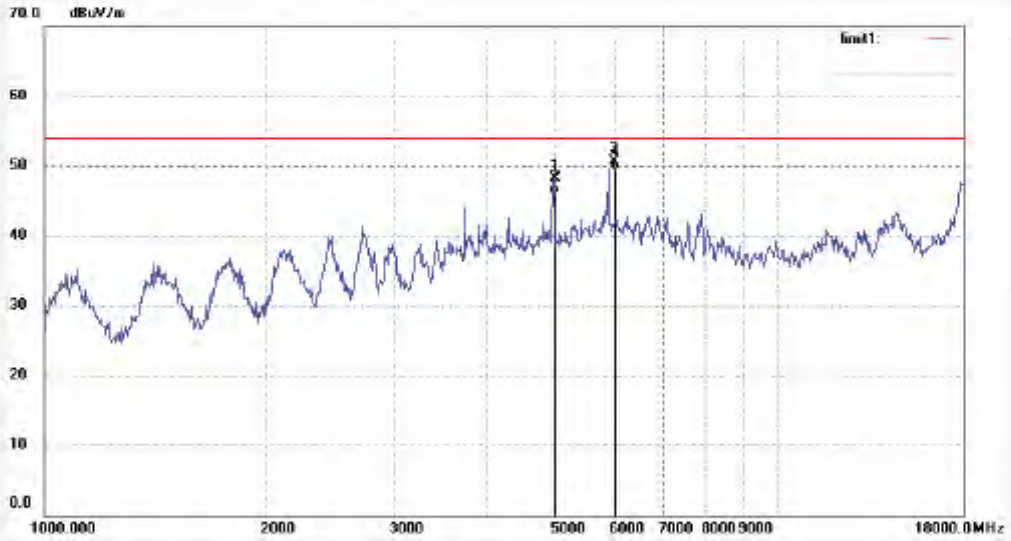
Job No.: STAR #1697
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 1(802.11b)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 20:03:17
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	47.57	0.70	48.27	74.00	-25.73	peak			
2	5000.000	45.30	0.70	46.00	54.00	-8.00	AVG			
3	6000.000	48.29	2.30	50.59	74.00	-23.41	peak			
4	6000.000	47.15	2.30	49.45	54.00	-4.55	AVG			

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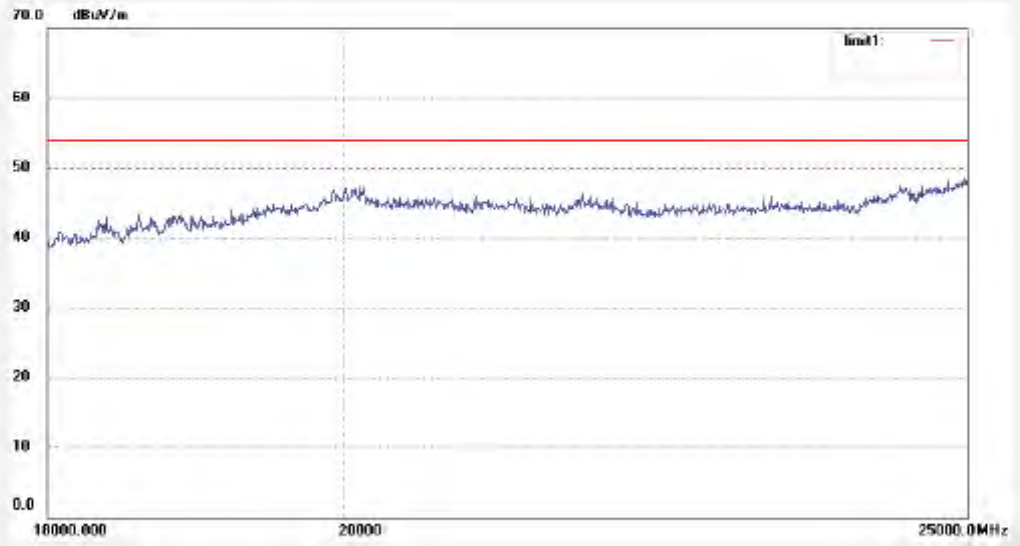
Job No.: STAR #1715	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:11:18
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 1(802.11b)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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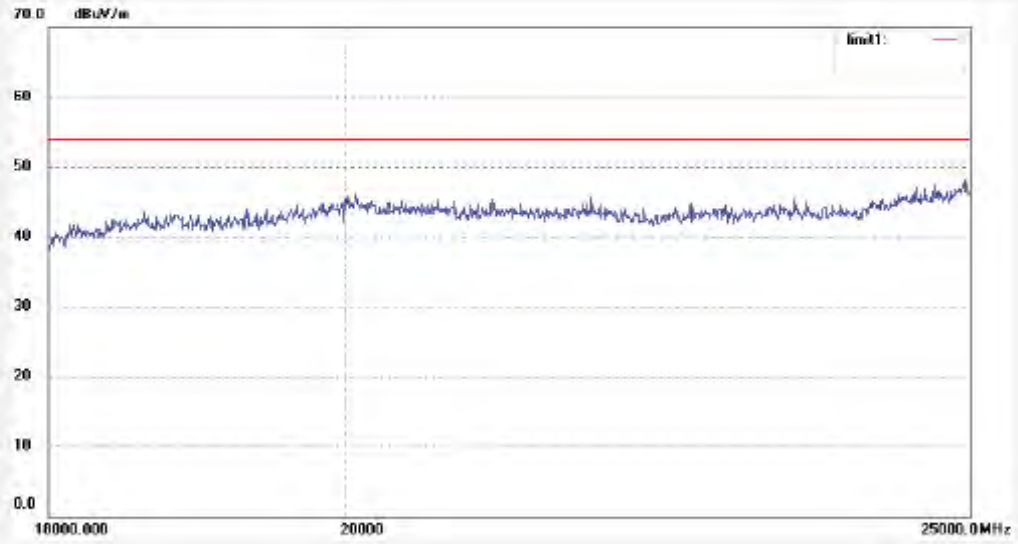
Job No.: STAR #1716	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:14:29
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 1(802.11b)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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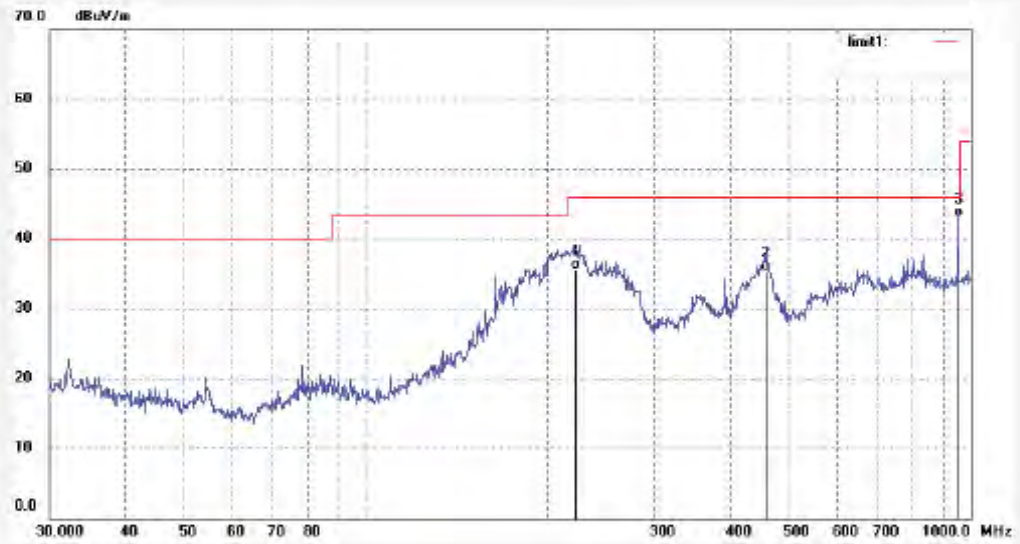
Job No.: STAR #1610
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 6(802.11b)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 14:36:21
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	222.2807	18.76	16.80	35.56	46.00	-10.44	QP			
2	458.3987	12.18	23.19	35.37	46.00	-10.63	QP			
3	960.0000	13.50	29.69	43.19	46.00	-2.81	QP			

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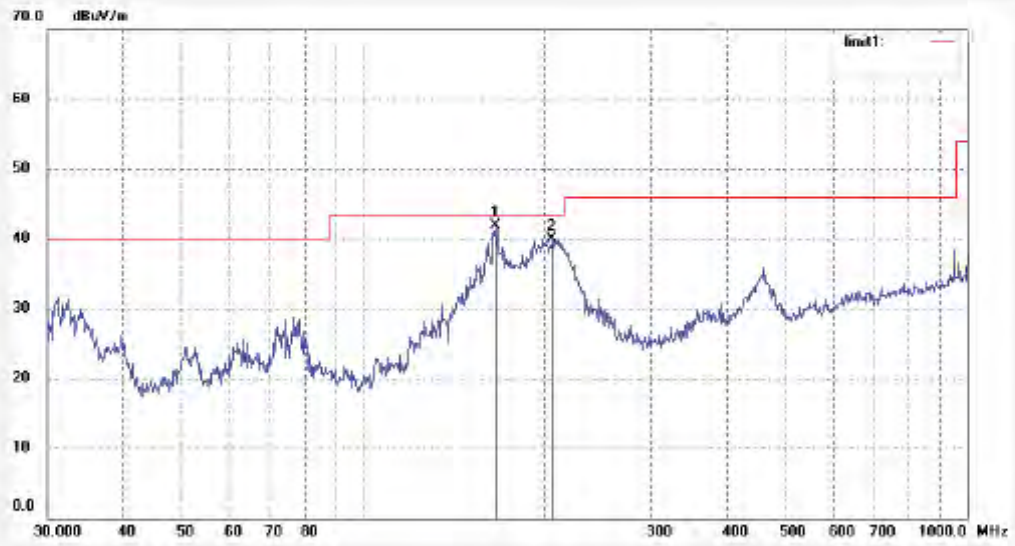
Job No.: STAR #1609	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/07
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:31:08
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 6(802.11b)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	165.4715	27.30	14.67	41.97	43.50	-1.53	QP			
2	205.7458	23.79	16.20	39.99	43.50	-3.51	QP			

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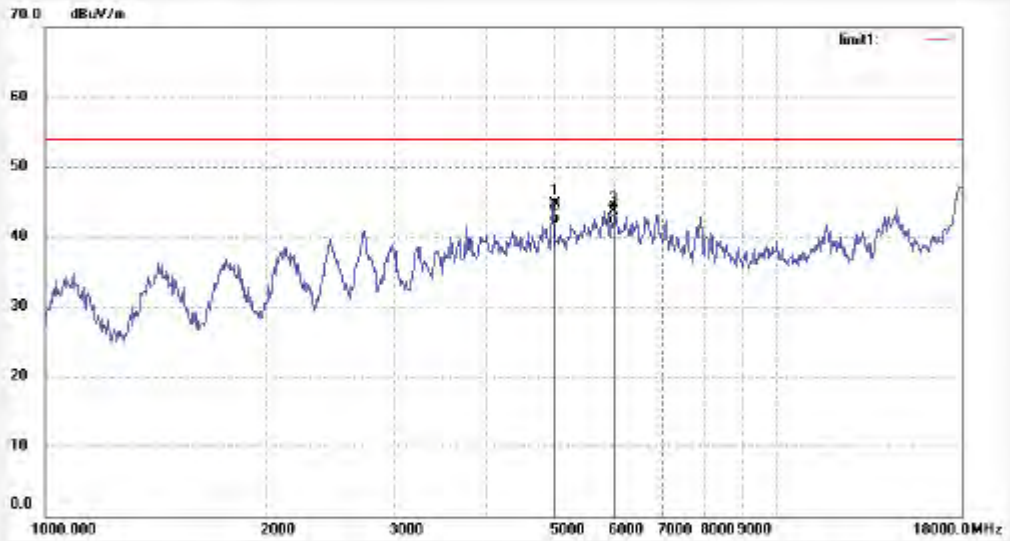
Job No.: STAR #1699
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 6(802.11b)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 20:07:41
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	43.98	0.70	44.68	74.00	-29.32	peak			
2	5000.000	41.26	0.70	41.96	54.00	-12.04	AVG			
3	6000.000	41.43	2.30	43.73	74.00	-30.27	peak			
4	6000.000	39.43	2.30	41.73	54.00	-12.27	AVG			

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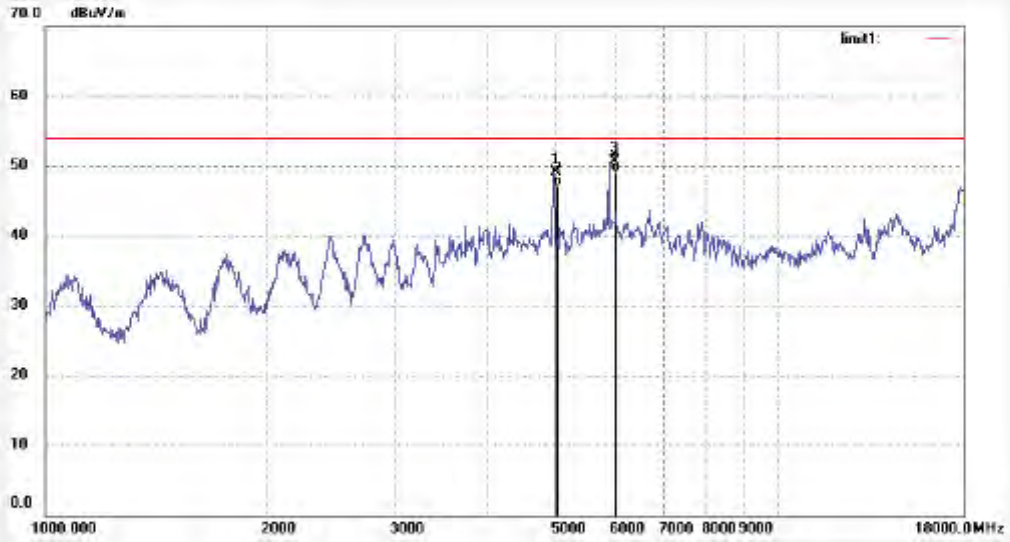
Job No.: STAR #1700
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 6(802.11b)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 20:11:01
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	48.43	0.70	49.13	74.00	-24.87	peak			
2	5000.000	46.43	0.70	47.13	54.00	-6.87	AVG			
3	6000.000	48.44	2.30	50.74	74.00	-23.26	peak			
4	6000.000	46.80	2.30	49.10	54.00	-4.90	AVG			

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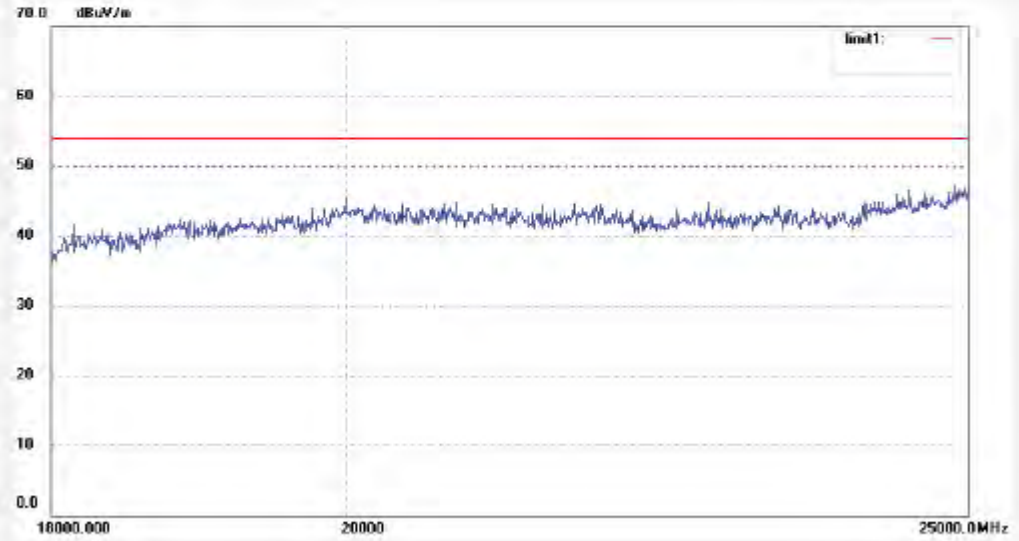
Job No.: STAR #1718	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:21:16
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 6(802.11b)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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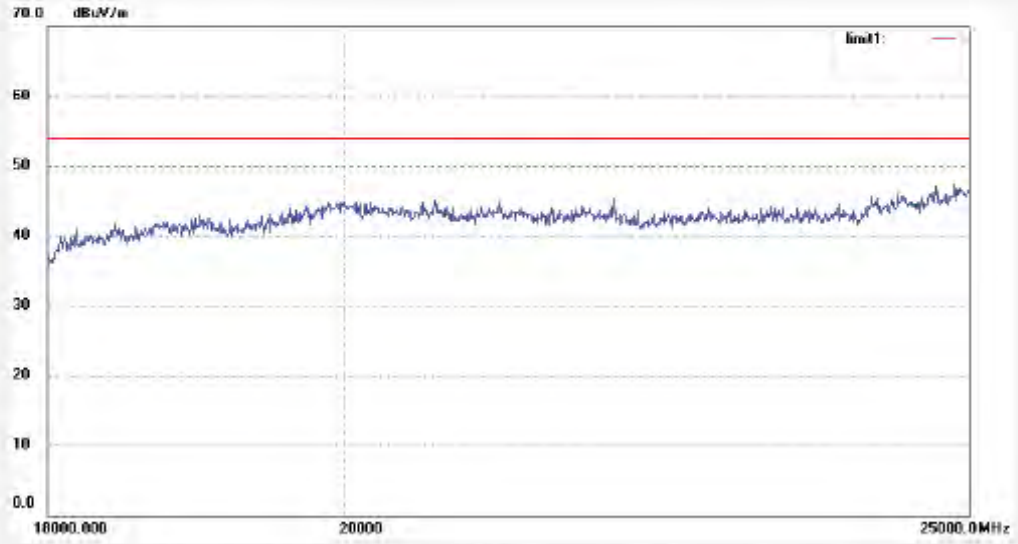
Job No.: STAR #1717	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:17:22
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 6(802.11b)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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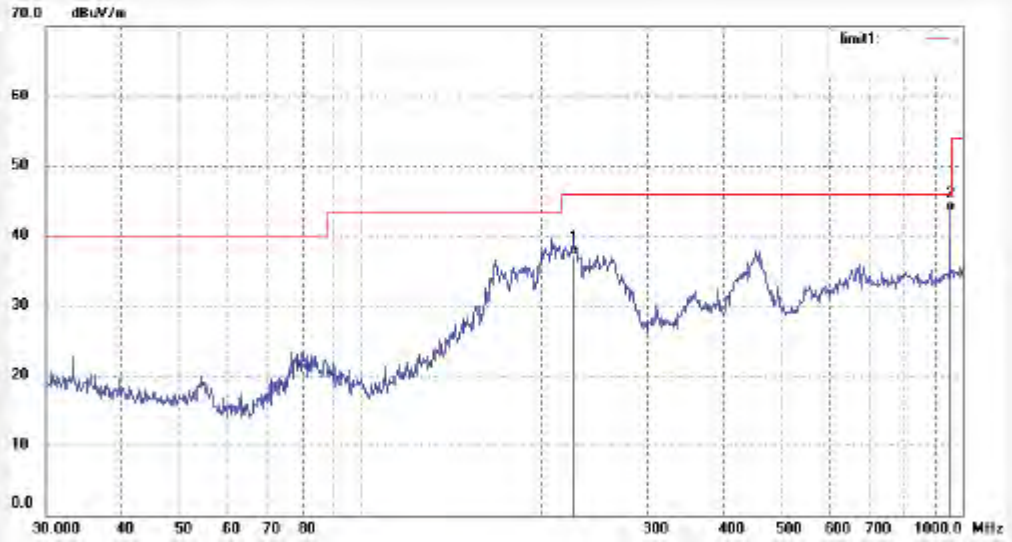
Job No.: STAR #1611
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 11(802.11b)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 14:40:57
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	226.2202	20.25	16.91	37.16	46.00	-8.84	QP			
2	960.0000	13.82	29.69	43.51	46.00	-2.49	QP			

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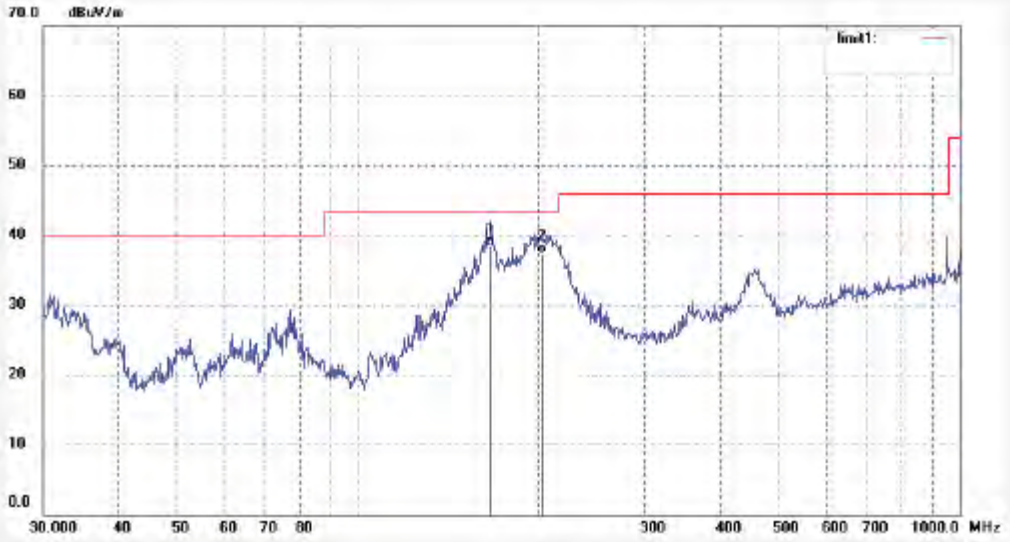
Fax:+86-0755-26503396

Job No.: STAR #1612
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 11(802.11b)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 14:43:29
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	166.6385	23.80	14.68	38.48	43.50	-5.02	QP			
2	202.1630	21.09	16.21	37.30	43.50	-6.20	QP			

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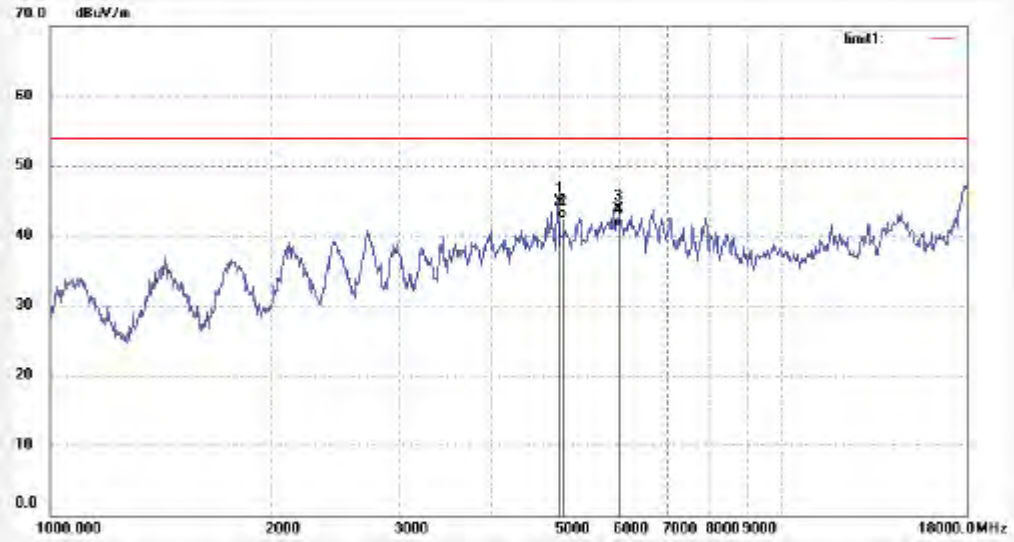
Job No.: STAR #1702
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe11(802.11b)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 20:29:34
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	44.19	0.70	44.89	74.00	-29.11	peak			
2	5000.000	41.80	0.70	42.50	54.00	-11.50	AVG			
3	6000.000	41.62	2.30	43.92	74.00	-30.08	peak			
4	6000.000	39.00	2.30	41.30	54.00	-12.70	AVG			

ACCURATE TECHNOLOGY CO., LTD.
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Site: 966 chamber
Tel:+86-0755-26503290
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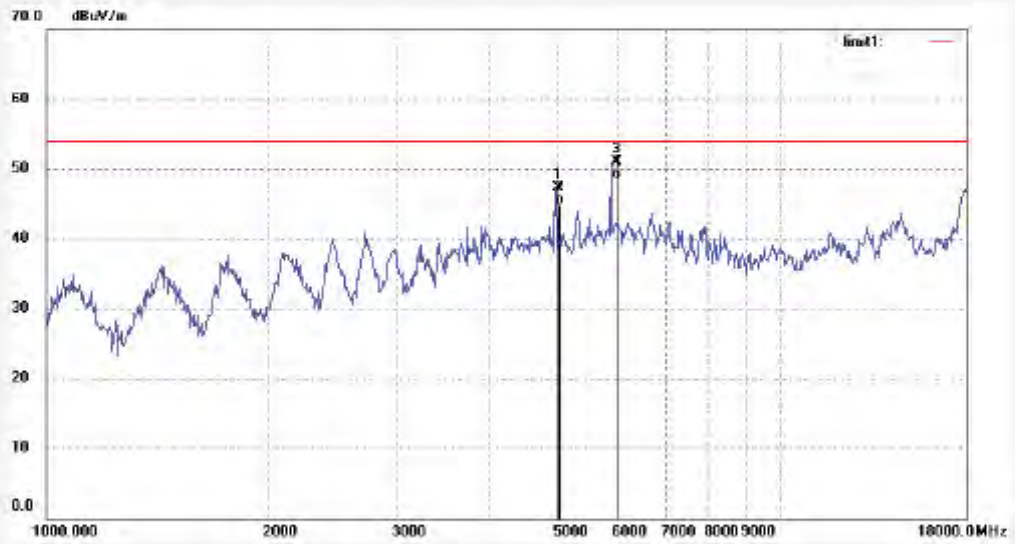
Job No.: STAR #1701
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe11(802.11b)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 20:15:00
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	46.59	0.70	47.29	74.00	-26.71	peak			
2	5000.000	44.12	0.70	44.82	54.00	-9.18	AVG			
3	6000.000	48.66	2.30	50.96	74.00	-23.04	peak			
4	6000.000	46.23	2.30	48.53	54.00	-5.47	AVG			

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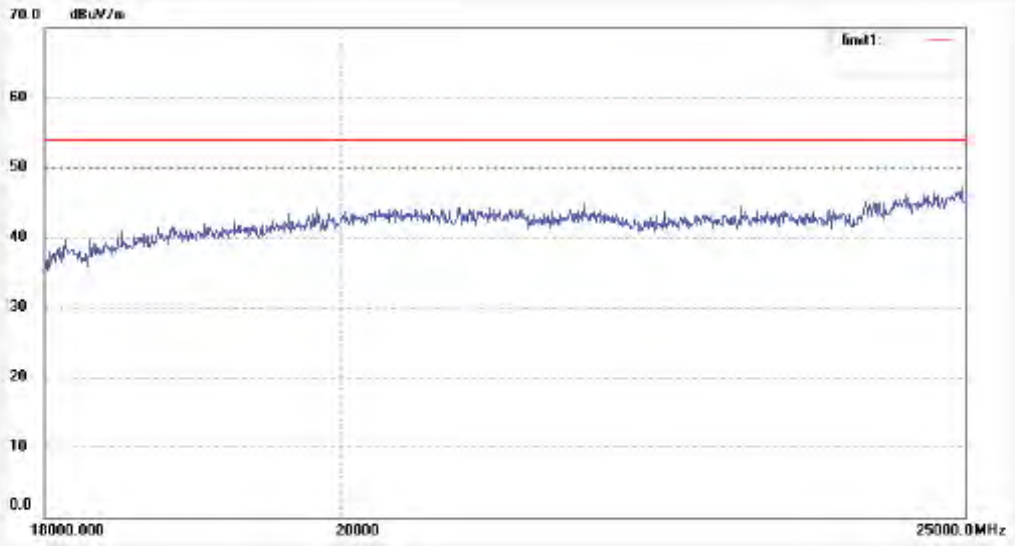
Fax:+86-0755-26503396

Job No.: STAR #1719	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:25:59
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 11(802.11b)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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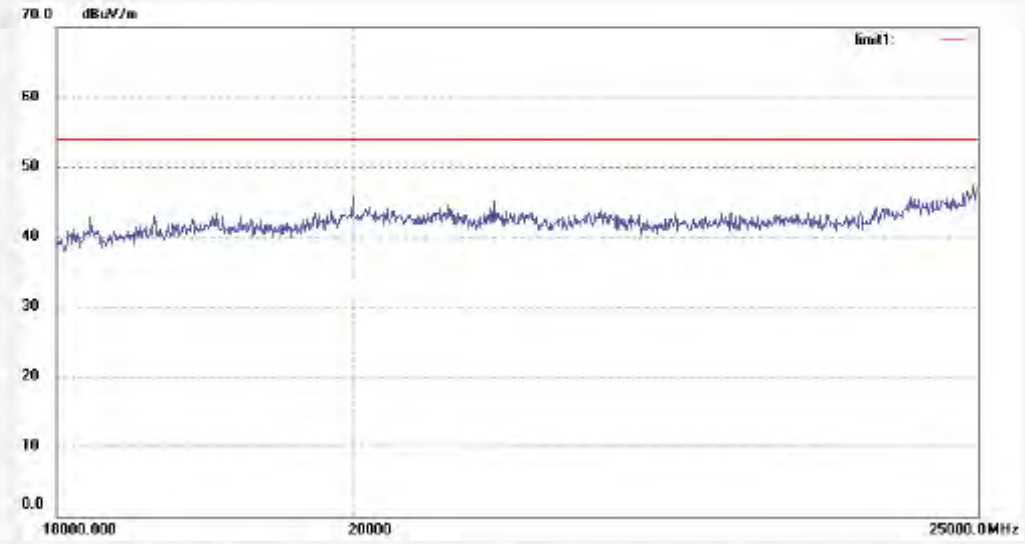
Fax:+86-0755-26503396

Job No.: STAR #1720	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:30:48
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 11(802.11b)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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Site: 966 chamber
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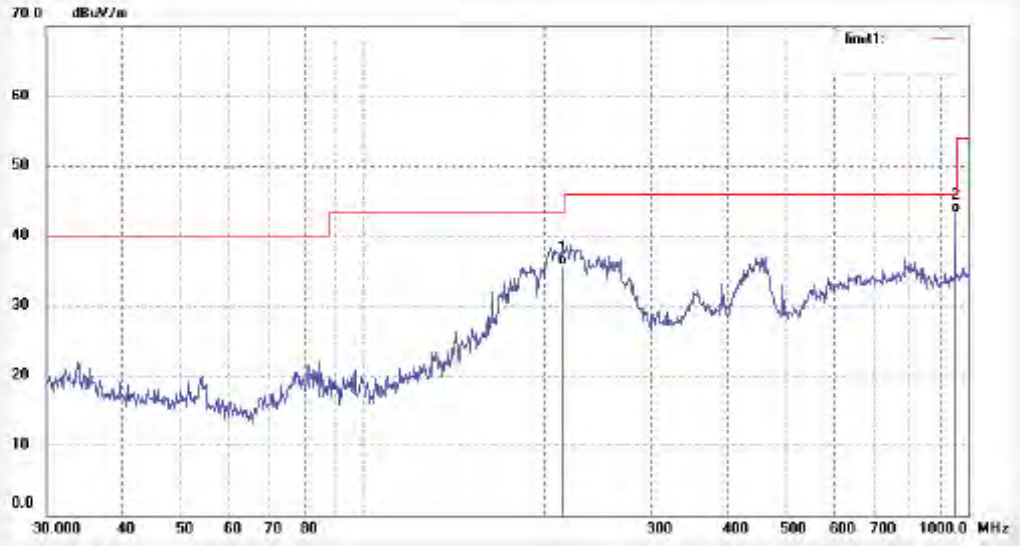
Job No.: STAR #1614
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 1(802.11g)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 14:50:16
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	214.6063	19.31	16.52	35.83	43.50	-7.67	QP			
2	960.0000	13.62	29.69	43.31	46.00	-2.69	QP			

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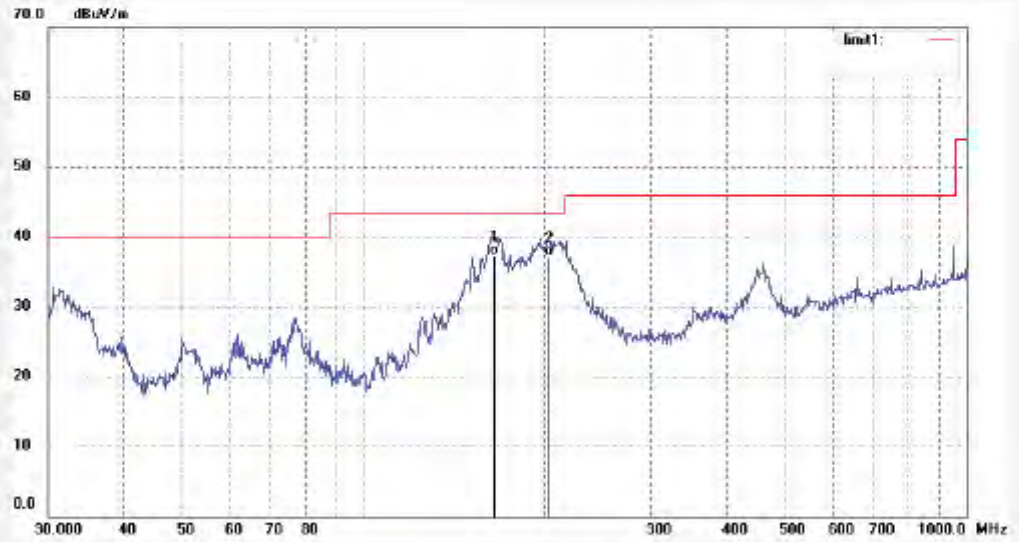
Job No.: STAR #1613
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 1(802.11g)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 14:46:54
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	164.8911	22.76	14.66	37.42	43.50	-6.08	QP			
2	203.5886	20.94	16.19	37.13	43.50	-6.37	QP			

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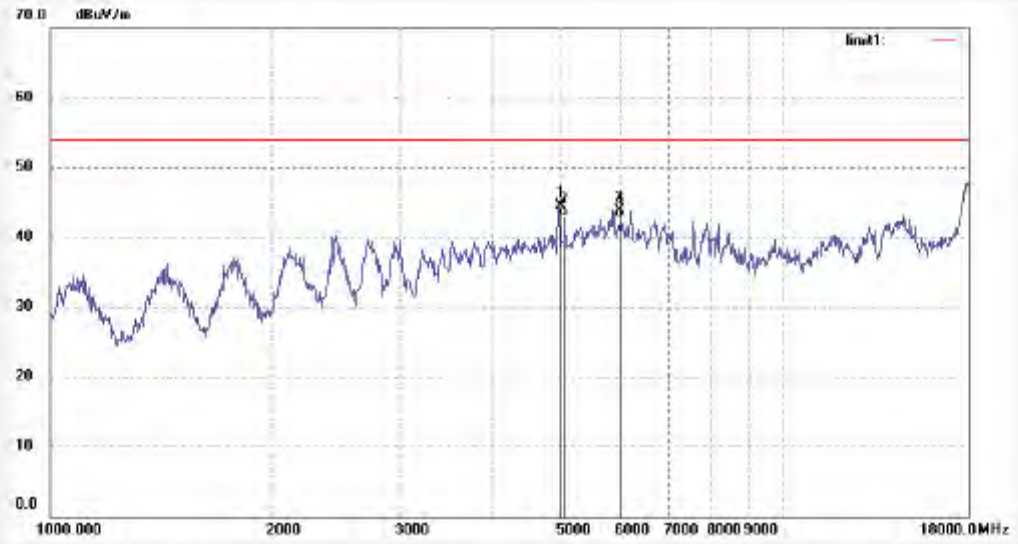
Job No.: STAR #1703
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe1(802.11g)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 20:33:39
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	43.91	0.70	44.61	74.00	-29.39	peak			
2	5000.000	42.30	0.70	43.00	54.00	-11.00	AVG			
3	6000.000	41.61	2.30	43.91	74.00	-30.09	peak			
4	6000.000	40.40	2.30	42.70	54.00	-11.30	AVG			

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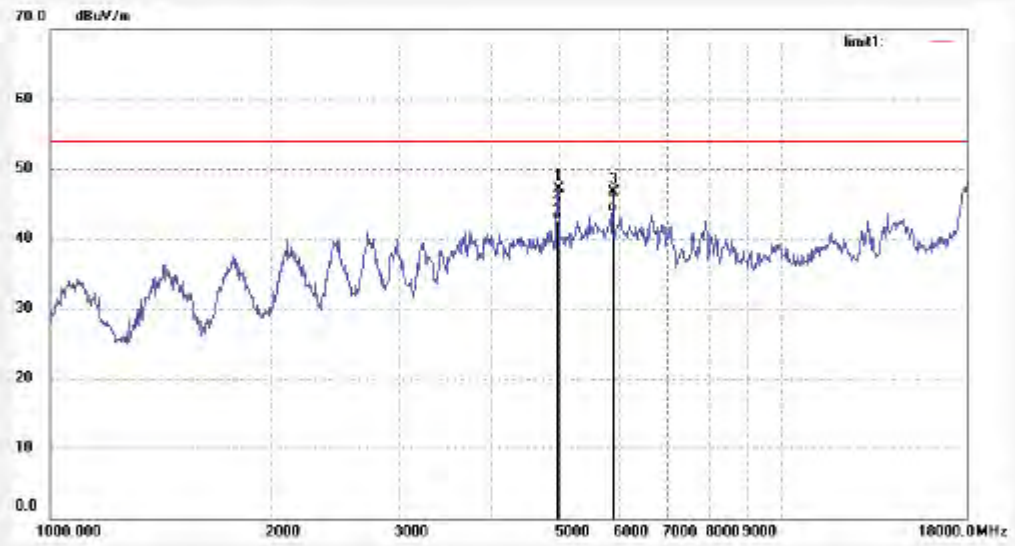
Job No.: STAR #1704	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/07
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 20:38:50
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe1(802.11g)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4957.546	46.64	0.51	47.15	74.00	-26.85	peak			
2	4957.546	42.12	0.51	42.63	54.00	-11.37	AVG			
3	5903.561	44.73	1.96	46.69	74.00	-27.31	peak			
4	5903.561	41.85	1.96	43.81	54.00	-10.19	AVG			

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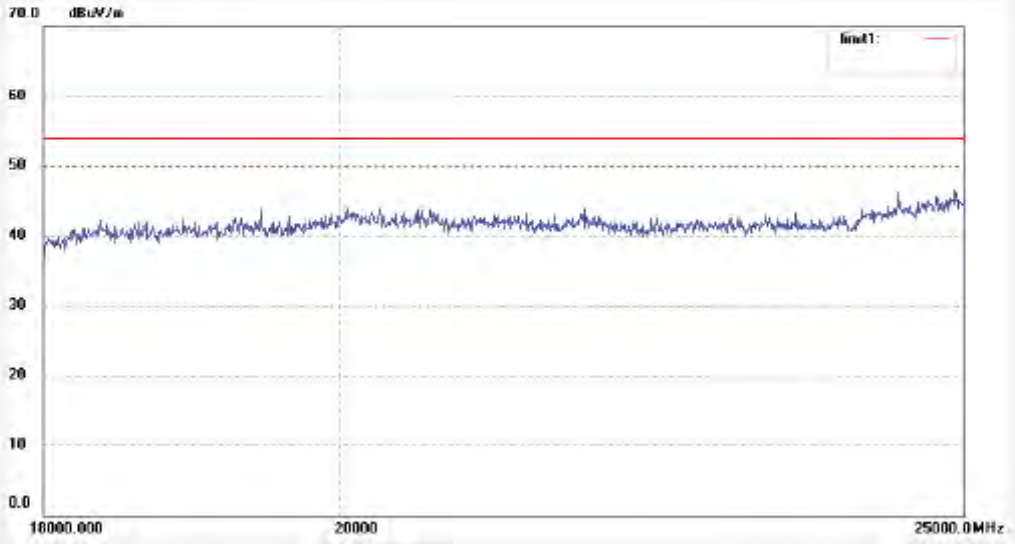
Fax:+86-0755-26503396

Job No.: STAR #1722	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:37:27
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 1(802.11g)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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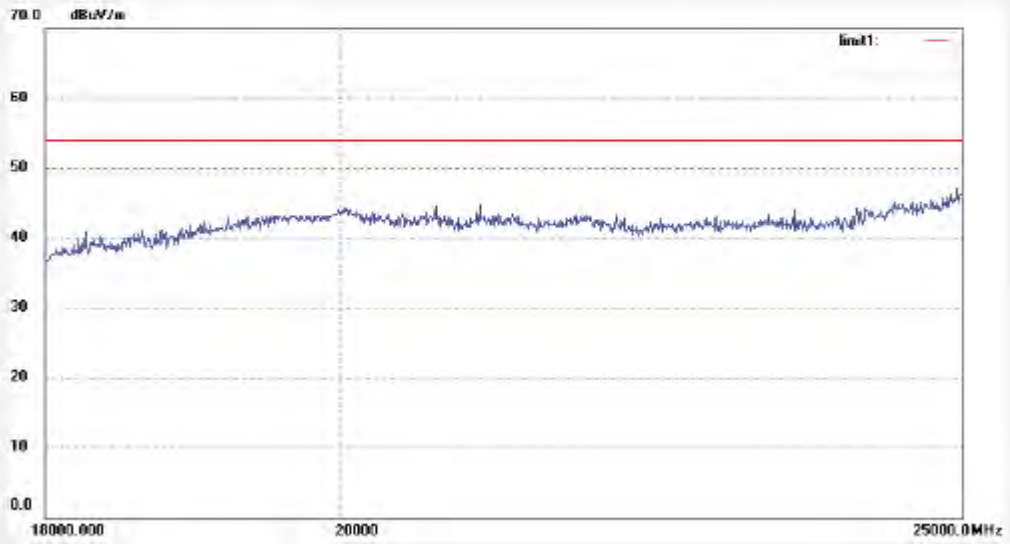
Fax:+86-0755-26503396

Job No.: STAR #1721	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:33:43
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 1(802.11g)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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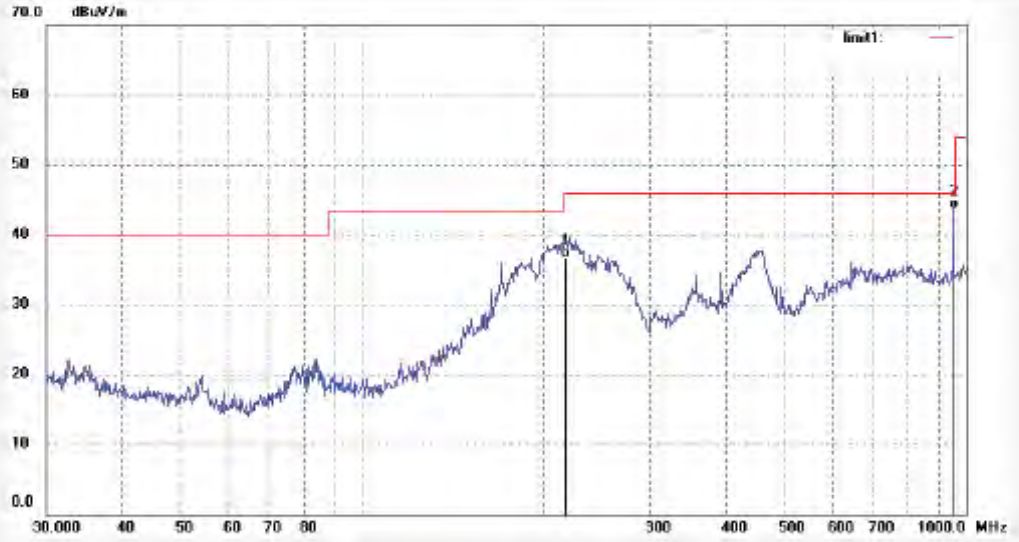
Job No.: STAR #1615	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/07
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:54:16
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 6(802.11g)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	215.5010	20.05	16.55	36.60	43.50	-6.90	QP			
2	960.0000	14.02	29.69	43.71	46.00	-2.29	QP			

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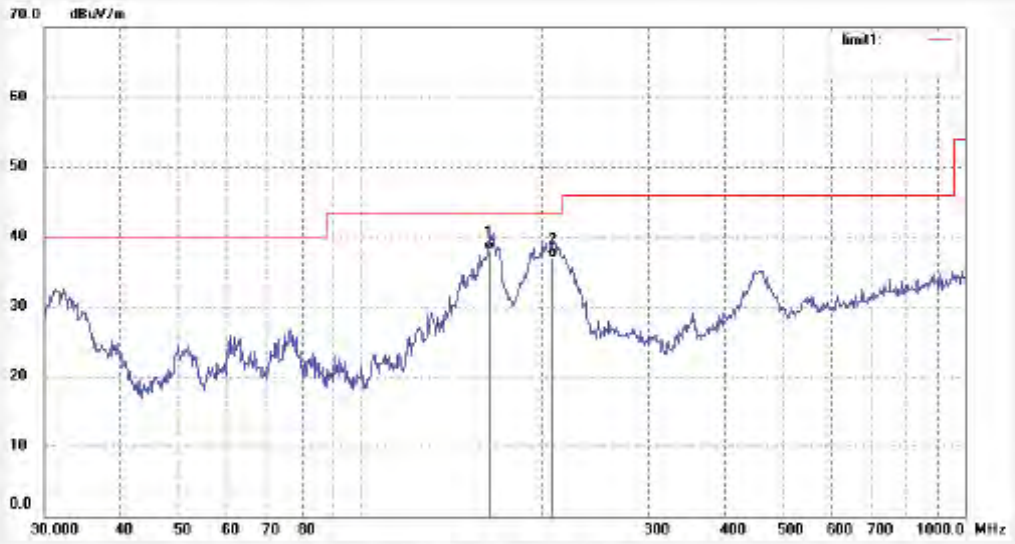
Fax:+86-0755-26503396

Job No.: STAR #1616	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/07
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:58:33
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 6(802.11g)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	163.7366	23.50	14.64	38.14	43.50	-5.36	QP			
2	208.6580	20.65	16.31	36.96	43.50	-6.54	QP			

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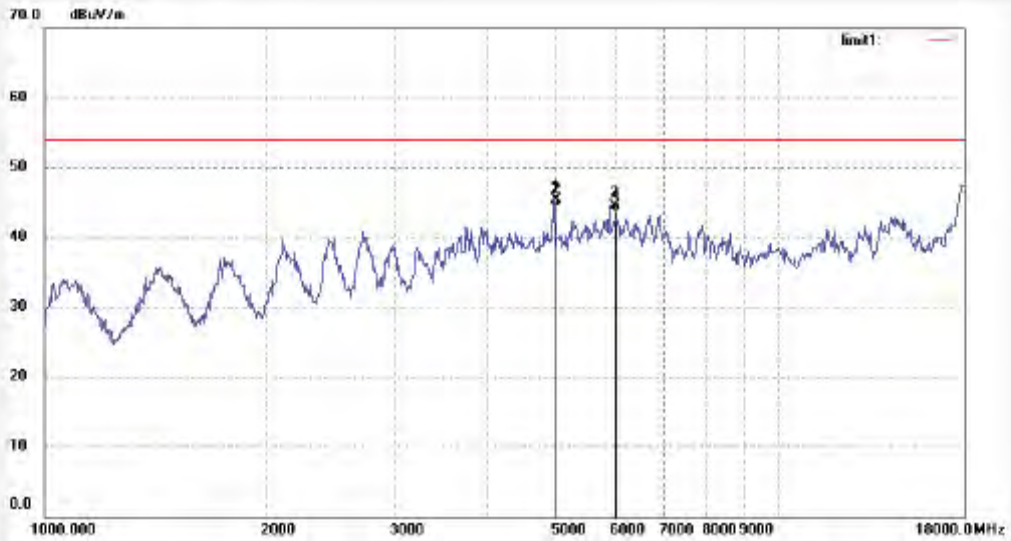
Job No.: STAR #1706
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 6(802.11g)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 20:48:23
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	44.80	0.70	45.50	74.00	-28.50	peak			
2	5000.000	43.60	0.70	44.30	54.00	-9.70	AVG			
3	6000.000	42.18	2.30	44.48	74.00	-29.52	peak			
4	6000.000	41.30	2.30	43.60	54.00	-10.40	AVG			

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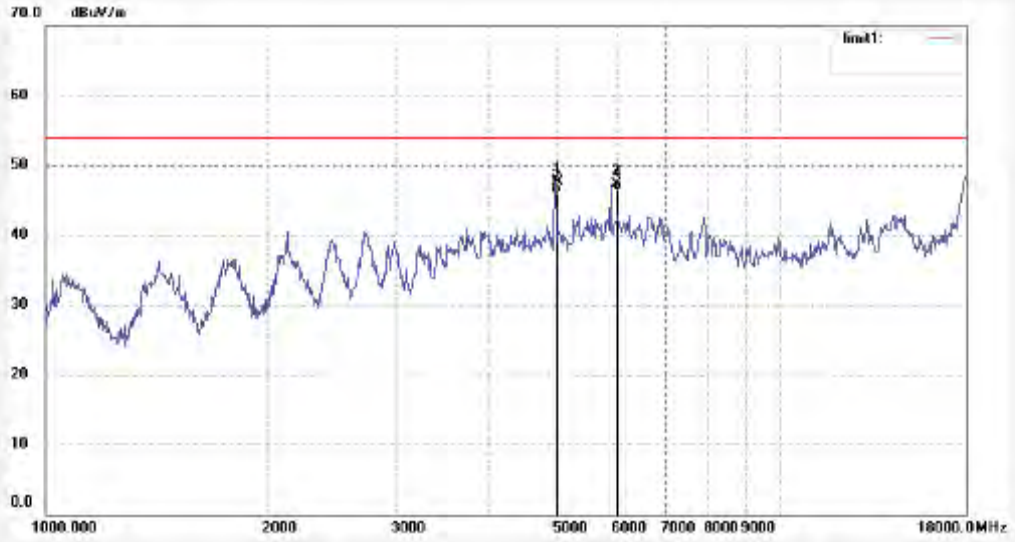
Job No.: STAR #1705
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 6(802.11g)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 20:43:49
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	46.97	0.70	47.67	74.00	-26.33	peak			
2	5000.000	45.20	0.70	45.90	54.00	-8.10	AVG			
3	6000.000	45.07	2.30	47.37	74.00	-26.63	peak			
4	6000.000	44.11	2.30	46.41	54.00	-7.59	AVG			

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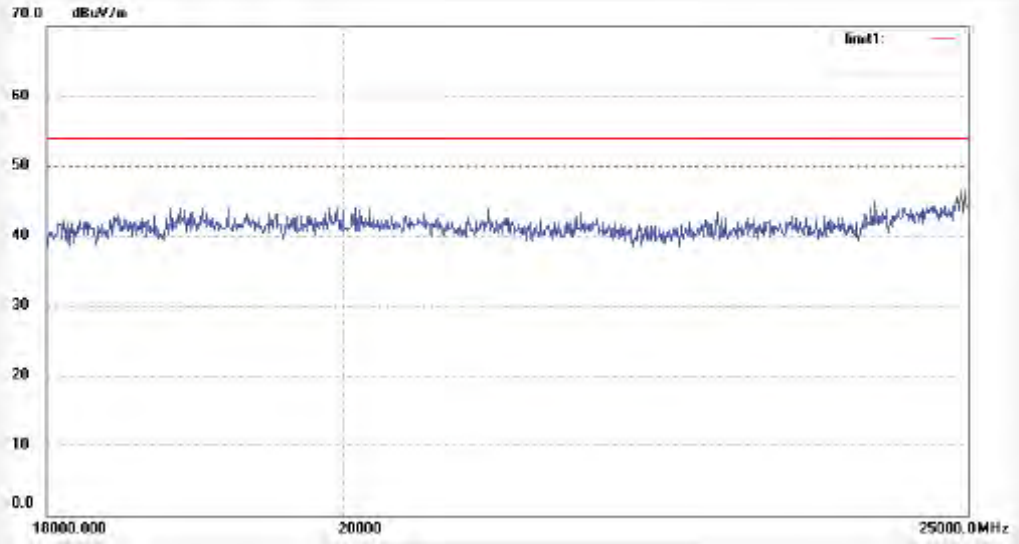
Job No.: STAR #1723	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:41:40
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 6(802.11g)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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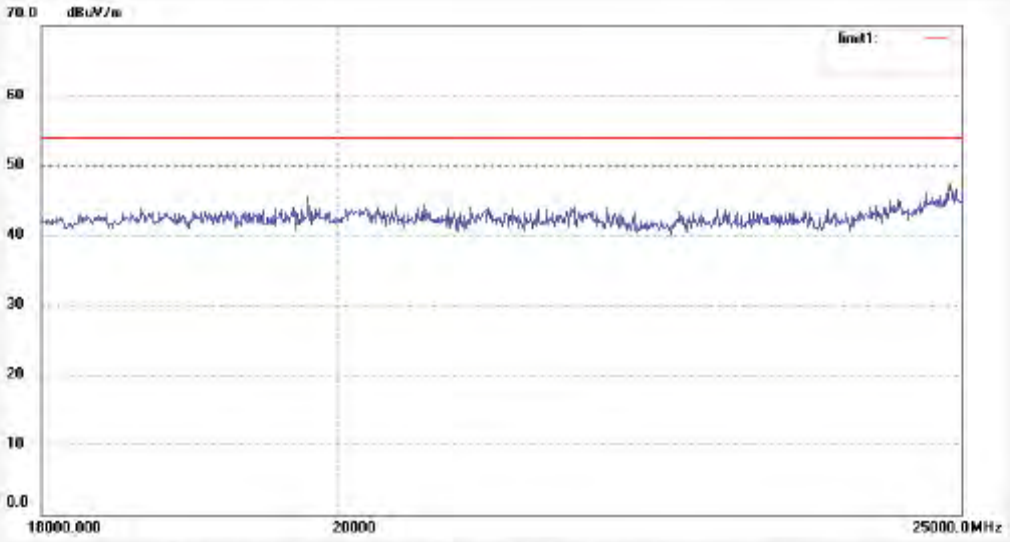
Job No.: STAR #1724	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:45:01
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 6(802.11g)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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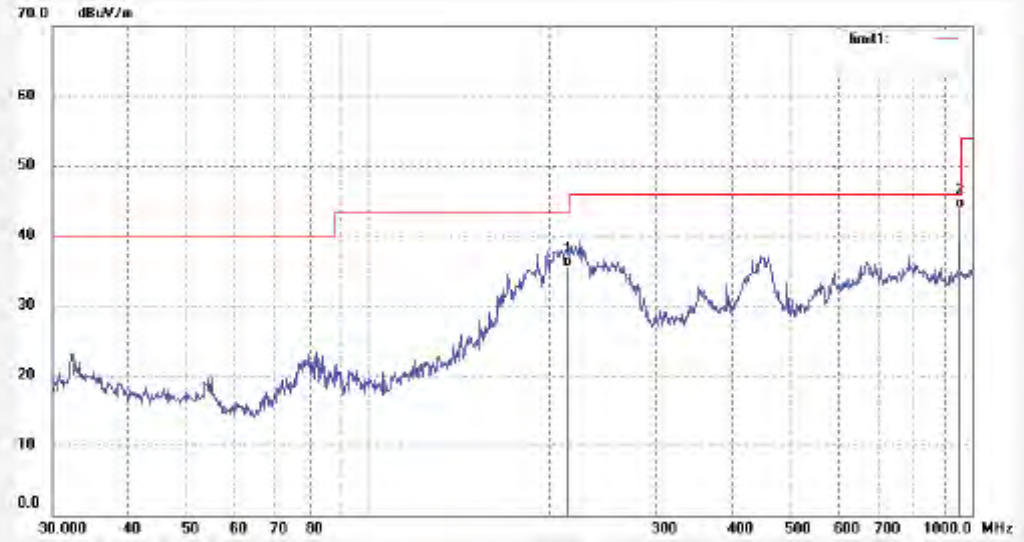
Job No.: STAR #1618	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/07
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 15:06:32
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 11(802.11g)	Distance: 3m
Model: COOBAY nwl	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.8535	19.11	16.50	35.61	43.50	-7.89	QP			
2	960.0000	14.27	29.69	43.96	46.00	-2.04	QP			

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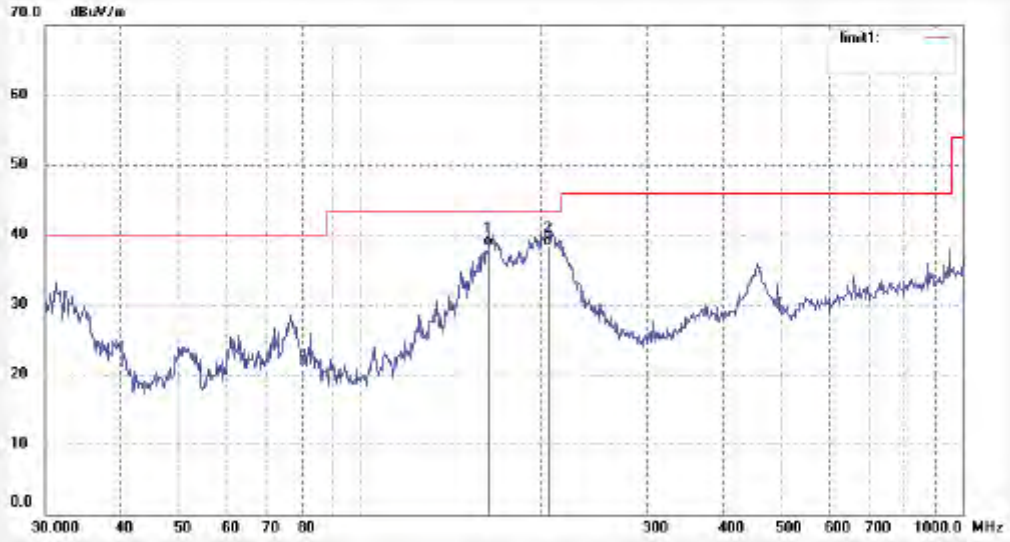
Job No.: STAR #1617	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/07
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 15:01:37
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 11(802.11g)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	163.7366	23.80	14.64	38.44	43.50	-5.06	QP			
2	205.0243	22.29	16.17	38.46	43.50	-5.04	QP			

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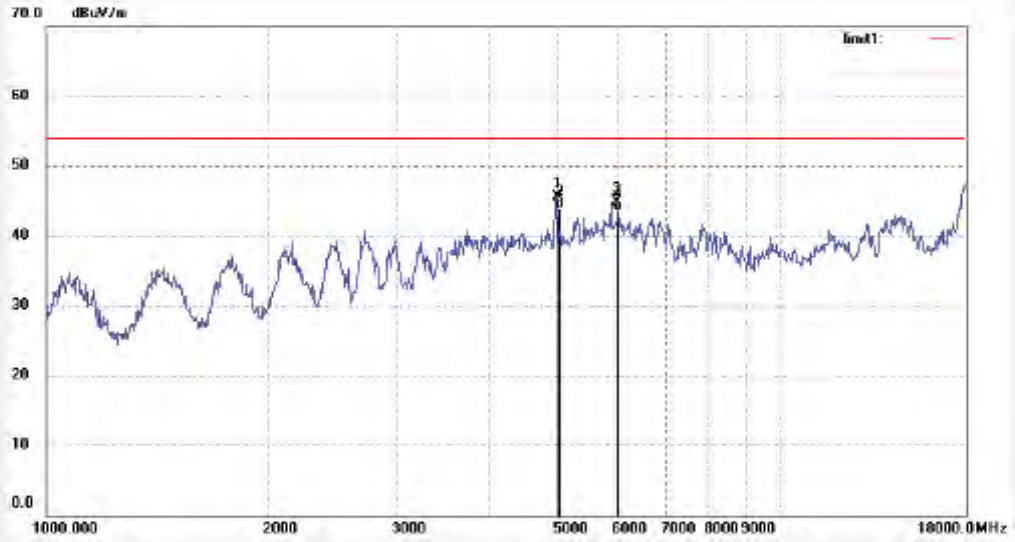
Fax:+86-0755-26503396

Job No.: STAR #1707
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 11(802.11g)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 20:53:29
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	44.81	0.70	45.51	74.00	-28.49	peak			
2	5000.000	43.10	0.70	43.80	54.00	-10.20	AVG			
3	6000.000	42.59	2.30	44.89	74.00	-29.11	peak			
4	6000.000	41.20	2.30	43.50	54.00	-10.50	AVG			

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Site: 966 chamber
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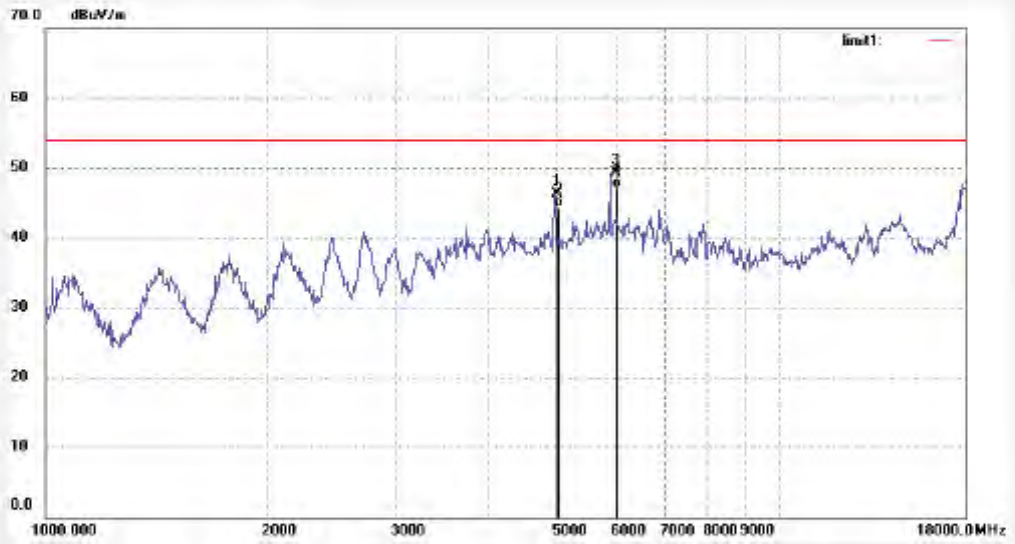
Fax:+86-0755-26503396

Job No.: STAR #1708
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 11(802.11g)
Model: COOBAY rw I
Manufacturer: Netac

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 20:57:23
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	45.62	0.70	46.32	74.00	-27.68	peak			
2	5000.000	43.60	0.70	44.30	54.00	-9.70	AVG			
3	6000.000	46.98	2.30	49.28	74.00	-24.72	peak			
4	6000.000	44.80	2.30	47.10	54.00	-6.90	AVG			

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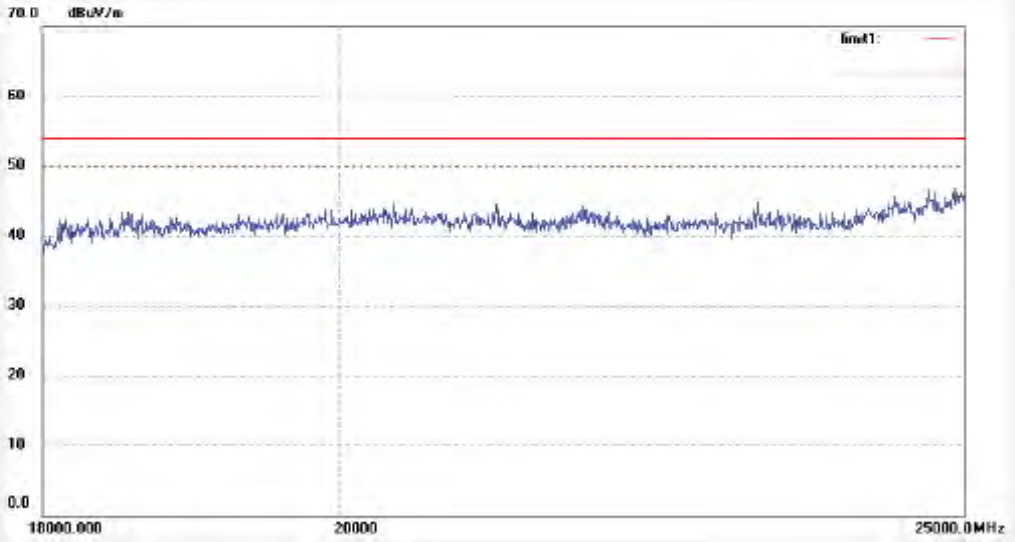
Job No.: STAR #1726	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:51:31
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 11(802.11g)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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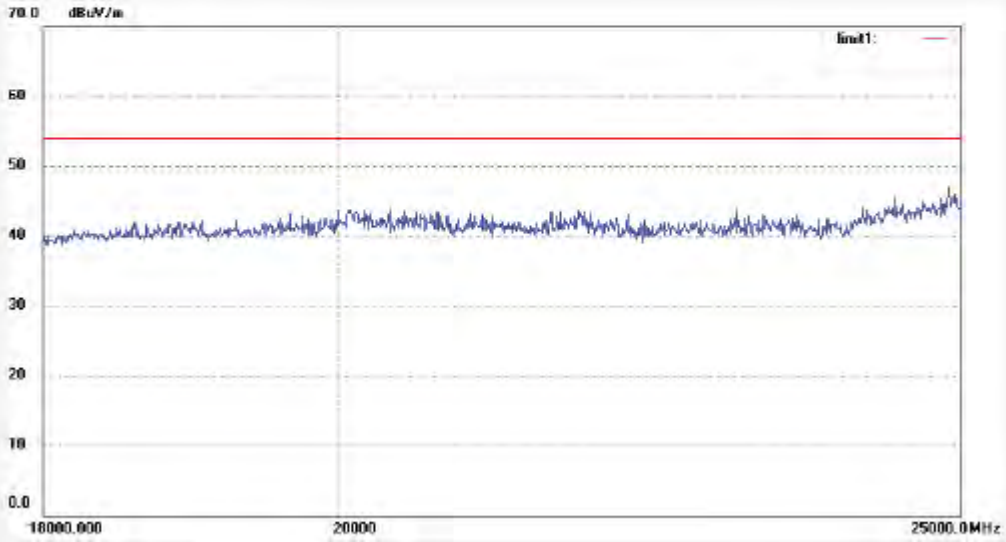
Job No.: STAR #1725	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:48:12
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 11(802.11g)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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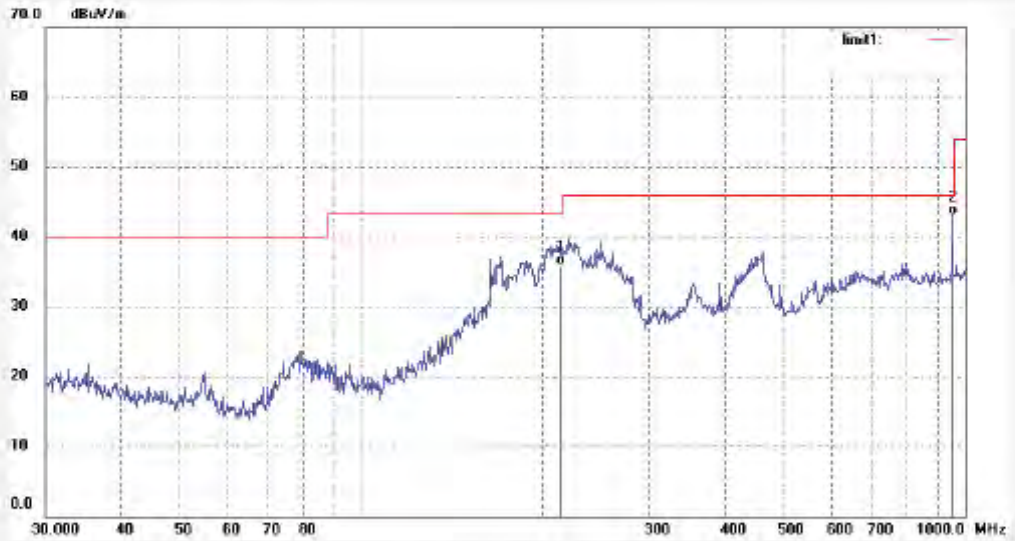
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #1619	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/07
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 15:10:40
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 1(802.11n)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.8534	19.52	16.50	36.02	43.50	-7.48	QP			
2	960.0000	13.44	29.69	43.13	46.00	-2.87	QP			

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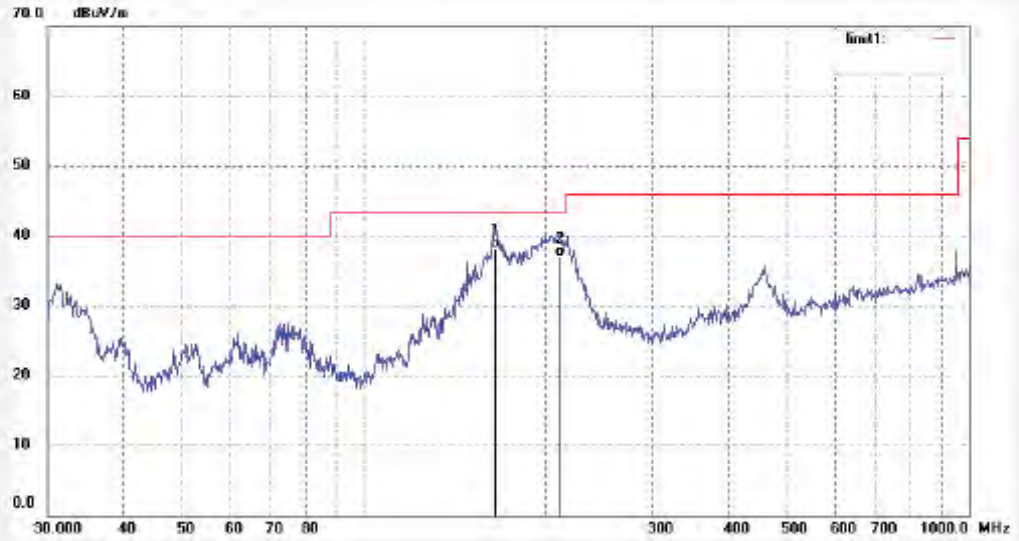
Fax:+86-0755-26503396

Job No.: STAR #1620
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 1(802.11n)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 15:14:03
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	164.8912	23.50	14.66	38.16	43.50	-5.34	QP			
2	210.1294	20.59	16.37	36.96	43.50	-6.54	QP			

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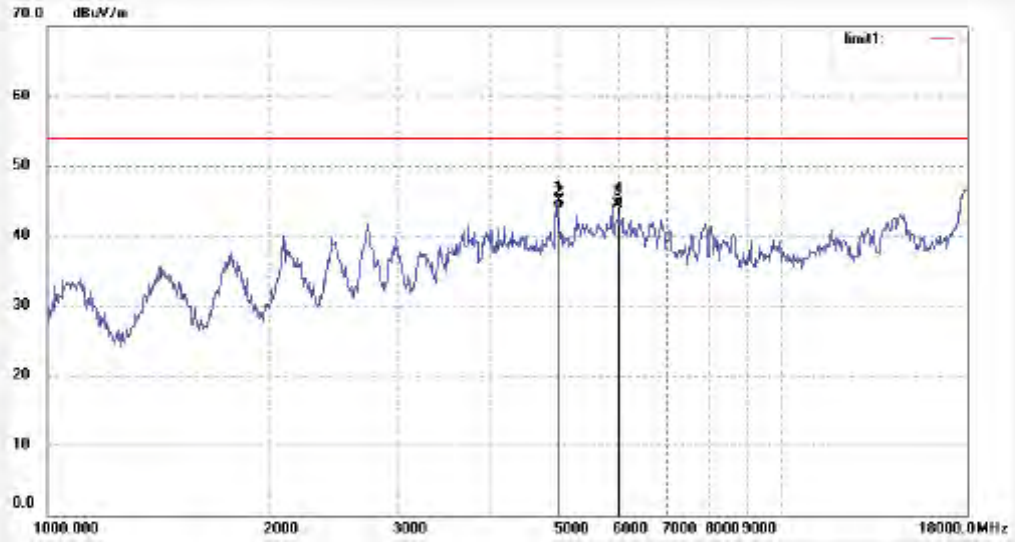
Job No.: STAR #1710
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 1(802.11n)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 21:07:10
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	44.43	0.70	45.13	74.00	-28.87	peak			
2	5000.000	43.10	0.70	43.80	54.00	-10.20	AVG			
3	6000.000	42.31	2.30	44.61	74.00	-29.39	peak			
4	6000.000	41.90	2.30	44.20	54.00	-9.80	AVG			

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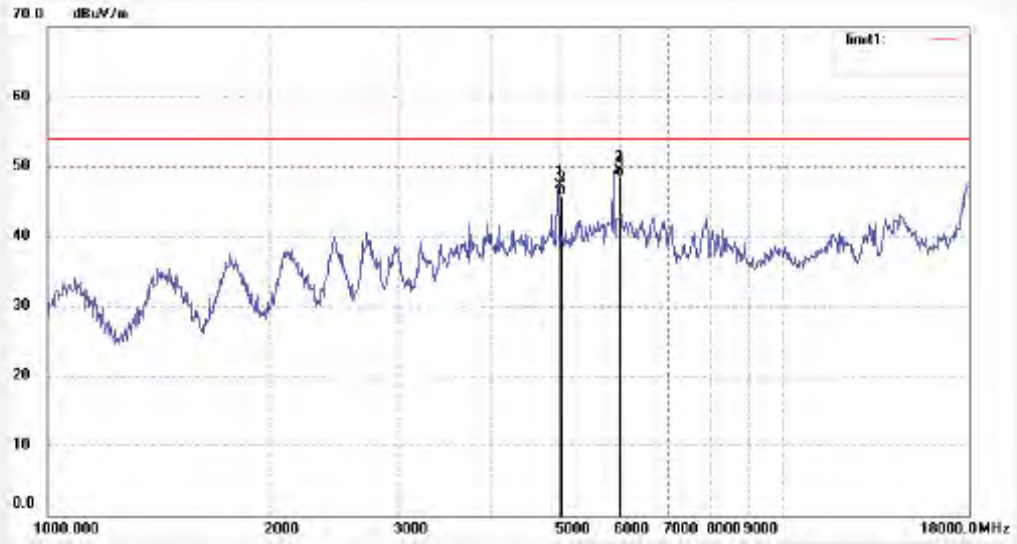
Fax:+86-0755-26503396

Job No.: STAR #1709
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 1(802.11n)
Model: COOBAY
Manufacturer: Netac

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 21:02:03
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	46.66	0.70	47.36	74.00	-26.64	peak			
2	5000.000	45.10	0.70	45.80	54.00	-8.20	AVG			
3	6000.000	47.09	2.30	49.39	74.00	-24.61	peak			
4	6000.000	46.20	2.30	48.50	54.00	-5.50	AVG			

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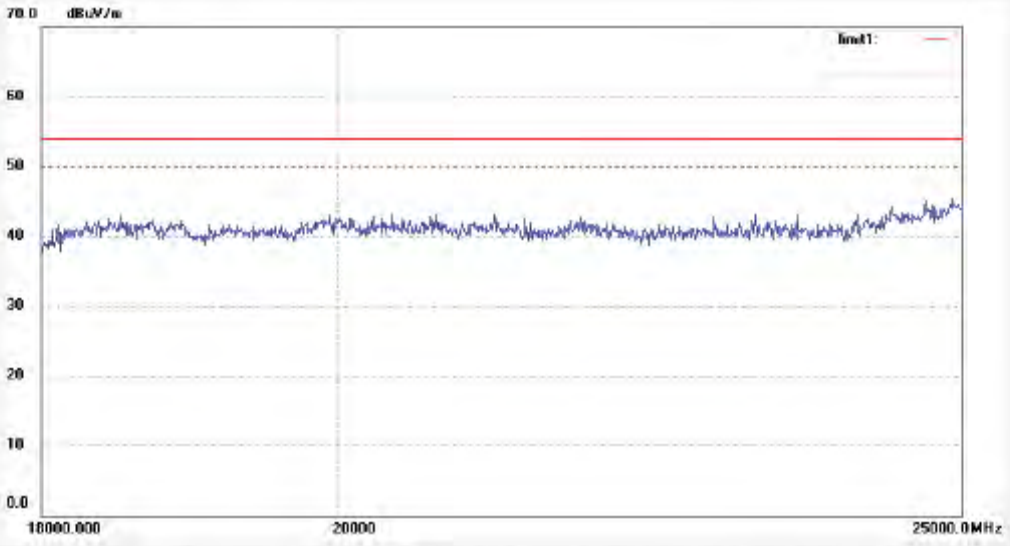
Job No.: STAR #1727	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:53:41
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 1(802.11n)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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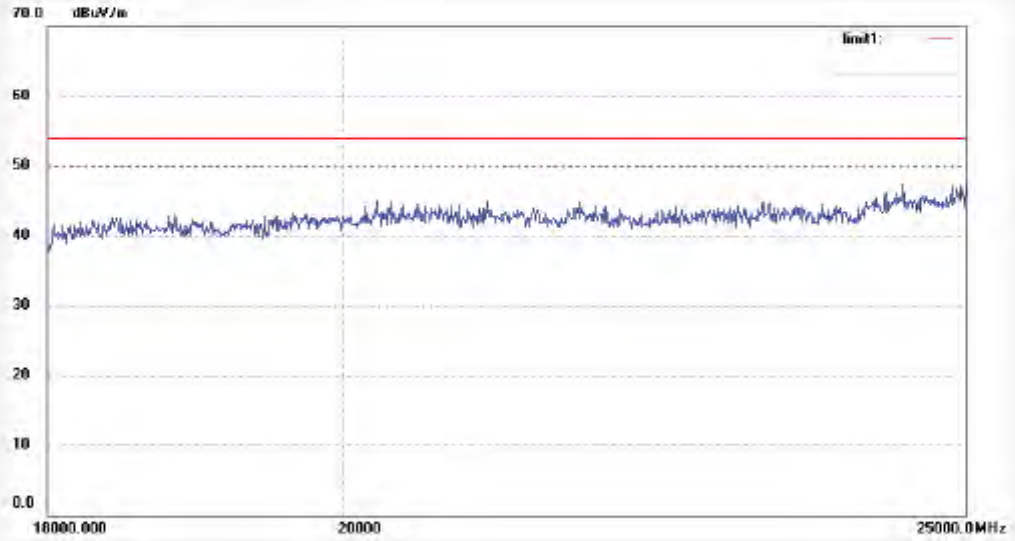
Job No.: STAR #1728	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:59:01
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 1(802.11n)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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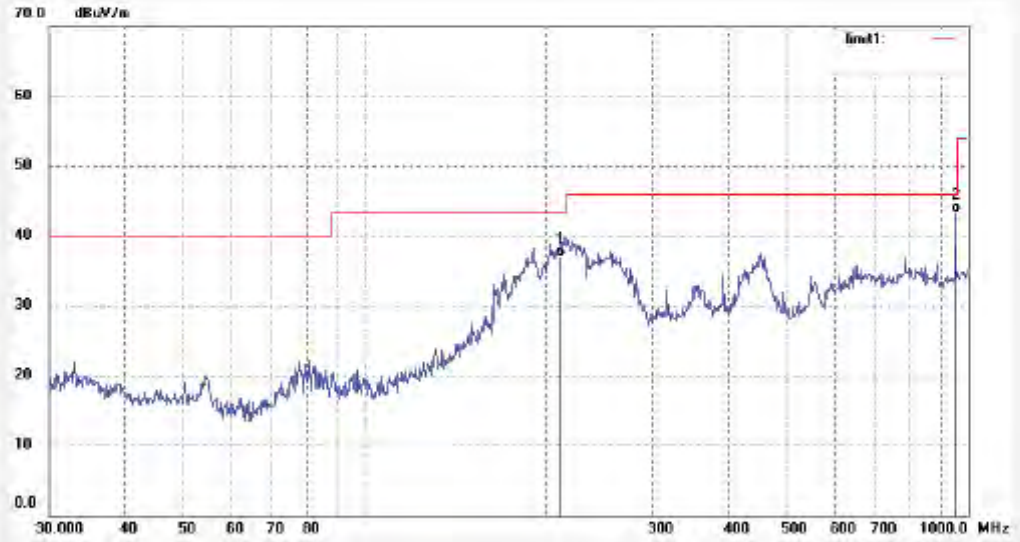
Fax:+86-0755-26503396

Job No.: STAR #1622
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 6(802.11n)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 15:21:34
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	211.6112	20.69	16.41	37.10	43.50	-6.40	QP			
2	960.0000	13.54	29.69	43.23	46.00	-2.77	QP			

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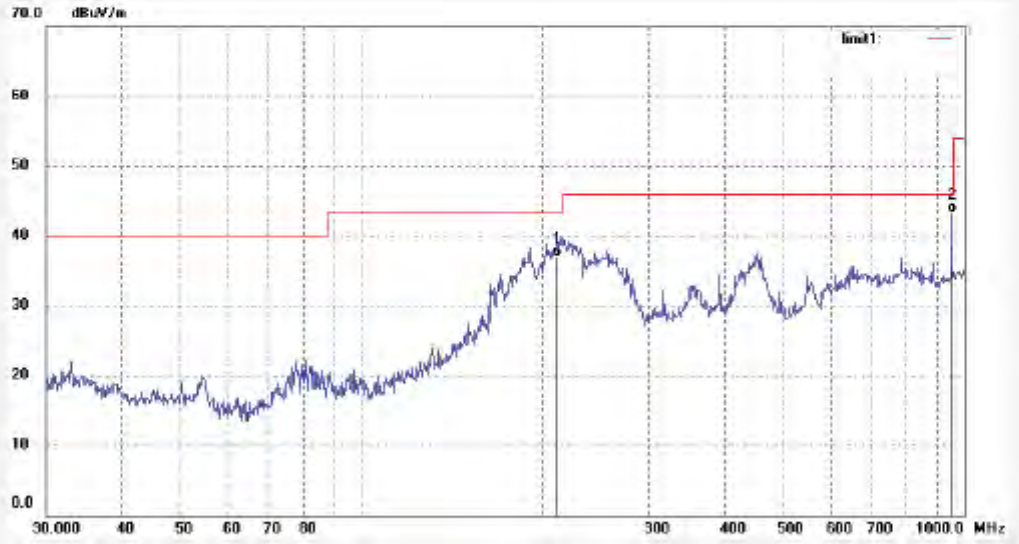
Fax:+86-0755-26503396

Job No.: STAR #1622
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 6(802.11n)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 15:21:34
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	211.6112	20.69	16.41	37.10	43.50	-6.40	QP			
2	960.0000	13.54	29.69	43.23	46.00	-2.77	QP			

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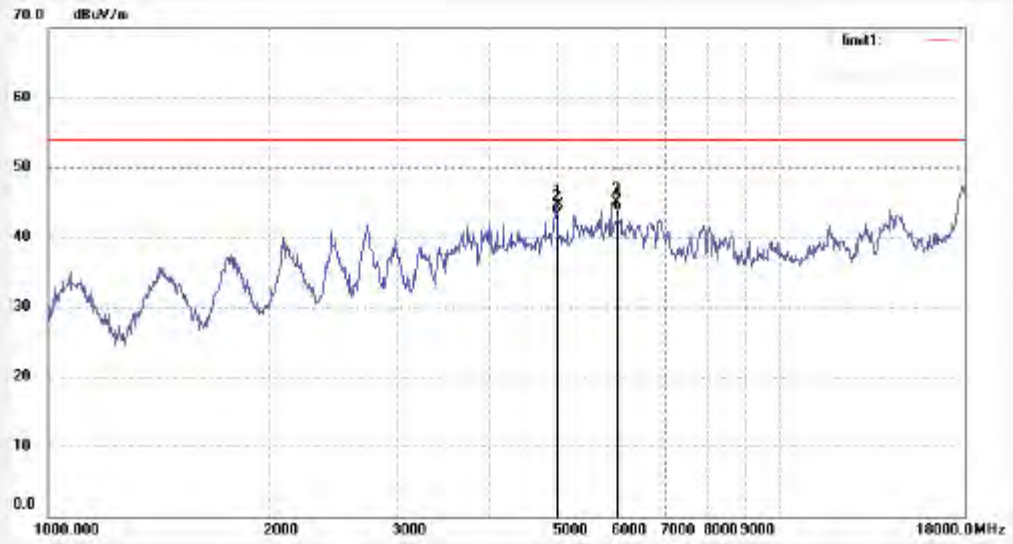
Job No.: STAR #1711
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 6(802.11n)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 21:11:04
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	43.93	0.70	44.63	74.00	-29.37	peak			
2	5000.000	42.60	0.70	43.30	54.00	-10.70	AVG			
3	6000.000	42.81	2.30	45.11	74.00	-28.89	peak			
4	6000.000	41.60	2.30	43.90	54.00	-10.10	AVG			

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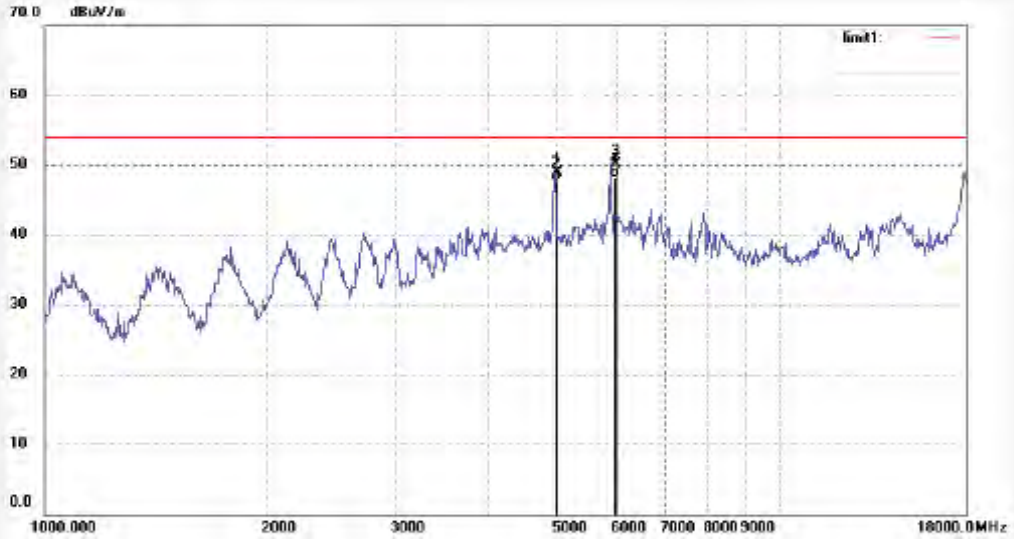
Job No.: STAR #1712
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 6(802.11n)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 21:16:03
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	48.18	0.70	48.88	74.00	-25.12	peak			
2	5000.000	47.00	0.70	47.70	54.00	-6.30	AVG			
3	6000.000	47.78	2.30	50.08	74.00	-23.92	peak			
4	6000.000	45.90	2.30	48.20	54.00	-5.80	AVG			

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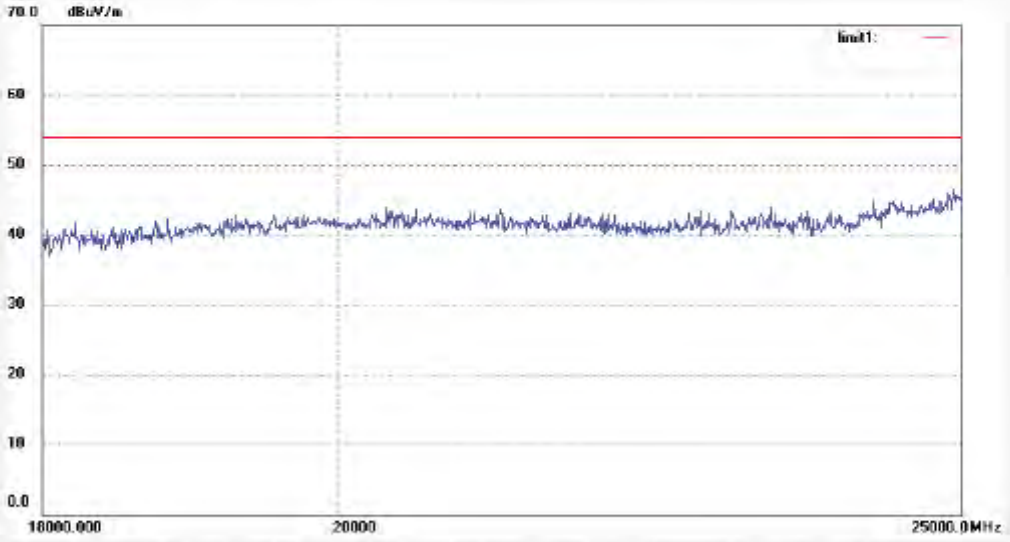
Job No.: STAR #1730	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 11:06:38
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 6(802.11n)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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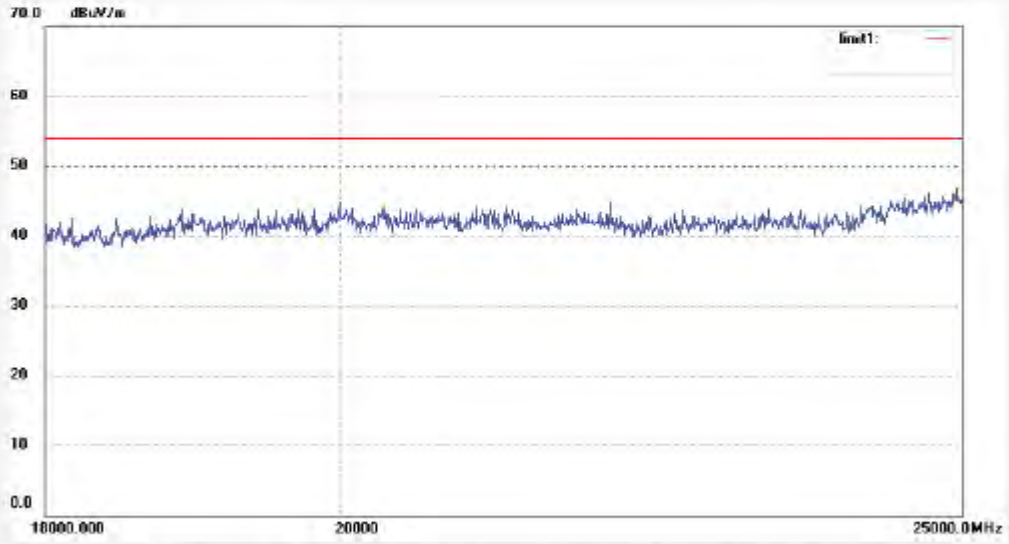
Job No.: STAR #1729	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 11:03:17
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 6(802.11n)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
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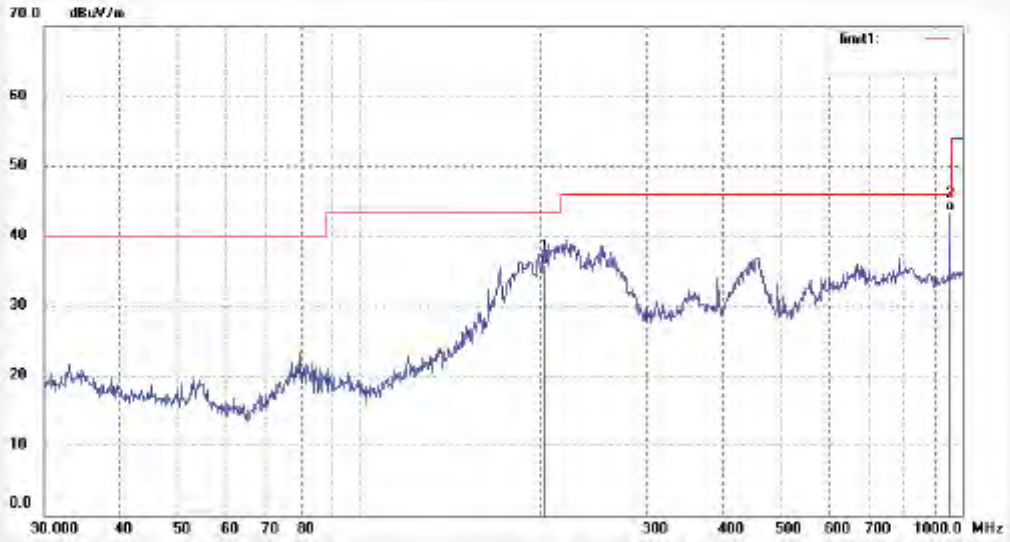
Job No.: STAR #1623
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 11(802.11n)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 15:25:51
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	203.5886	19.86	16.13	35.99	43.50	-7.51	QP			
2	960.0000	13.84	29.69	43.53	46.00	-2.47	QP			

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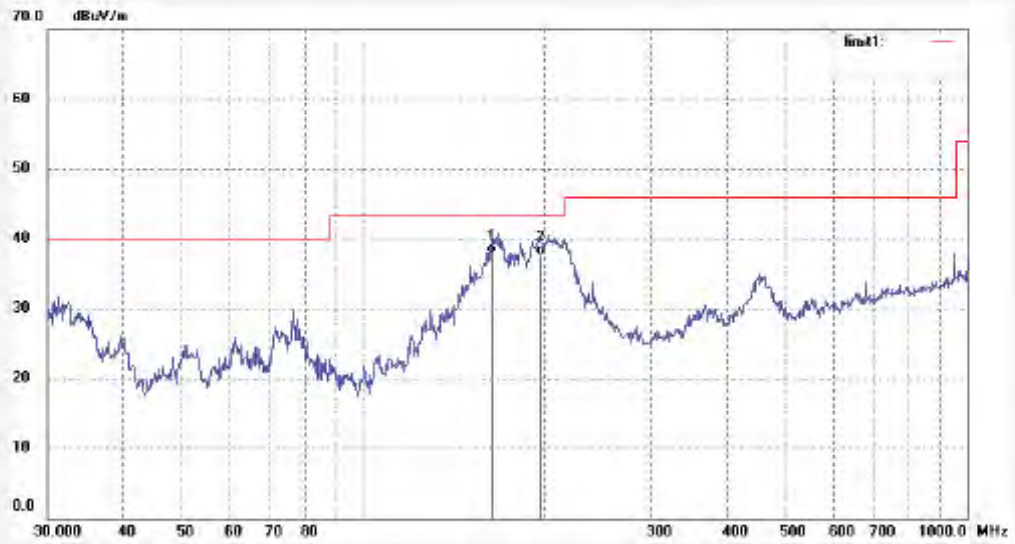
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #1624
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 11(802.11n)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 15:30:12
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	163.7366	23.21	14.64	37.85	43.50	-5.65	QP			
2	197.2514	21.60	16.17	37.77	43.50	-5.73	QP			

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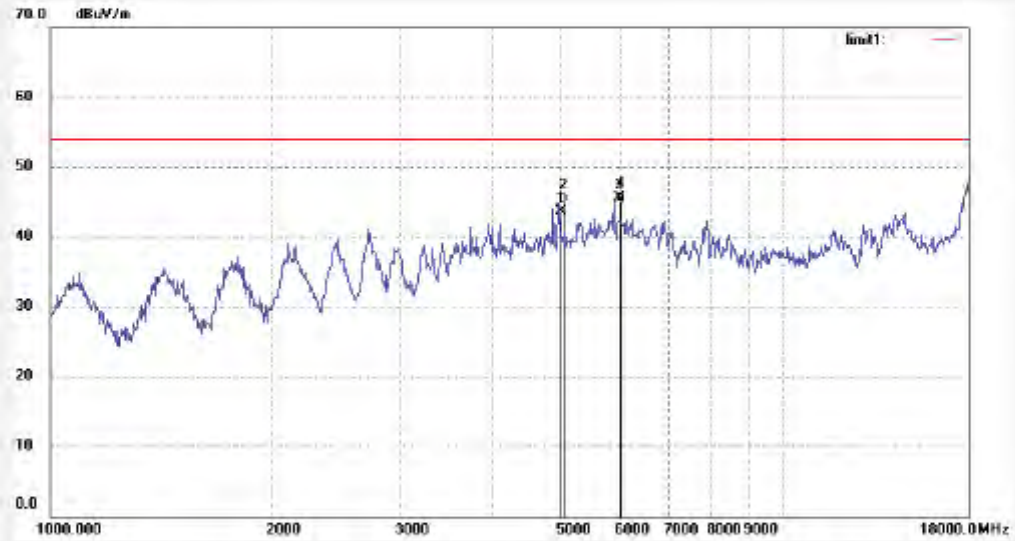
Fax:+86-0755-26503396

Job No.: STAR #1714
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 11(802.11n)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 21:26:36
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	43.00	0.70	43.70	74.00	-30.30	peak			
2	5000.000	44.12	0.70	44.82	54.00	-9.18	AVG			
3	6000.000	43.34	2.30	45.64	74.00	-28.36	peak			
4	6000.000	42.70	2.30	45.00	54.00	-9.00	AVG			

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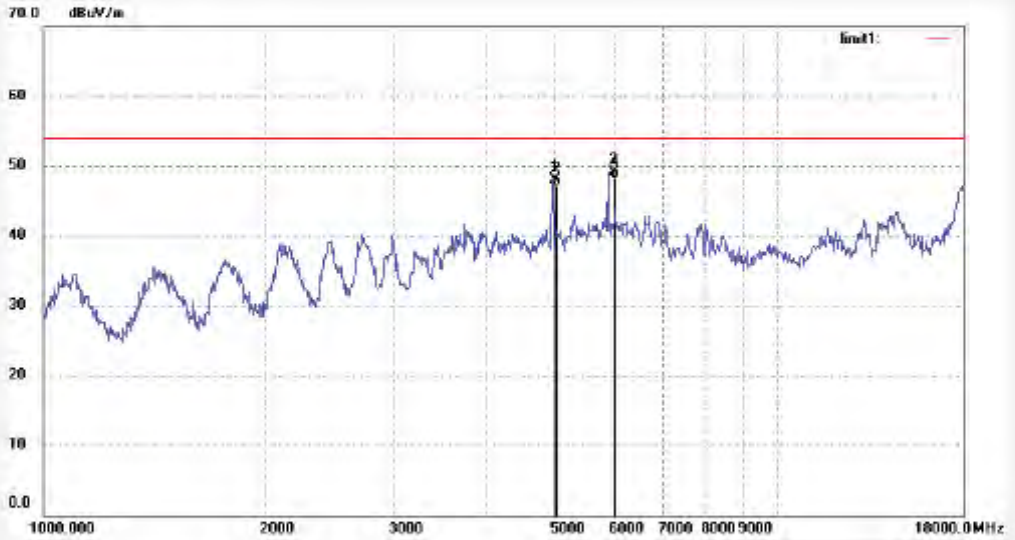
Fax:+86-0755-26503396

Job No.: STAR #1713
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Home Network Drive
Mode: TX Channe 11(802.11n)
Model: COOBAY TM I
Manufacturer: Netac

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/02/07
Time: 21:20:44
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5000.000	47.36	0.70	48.06	74.00	-25.94	peak			
2	5000.000	46.40	0.70	47.10	54.00	-6.90	AVG			
3	6000.000	46.75	2.30	49.05	74.00	-24.95	peak			
4	6000.000	45.90	2.30	48.20	54.00	-5.80	AVG			

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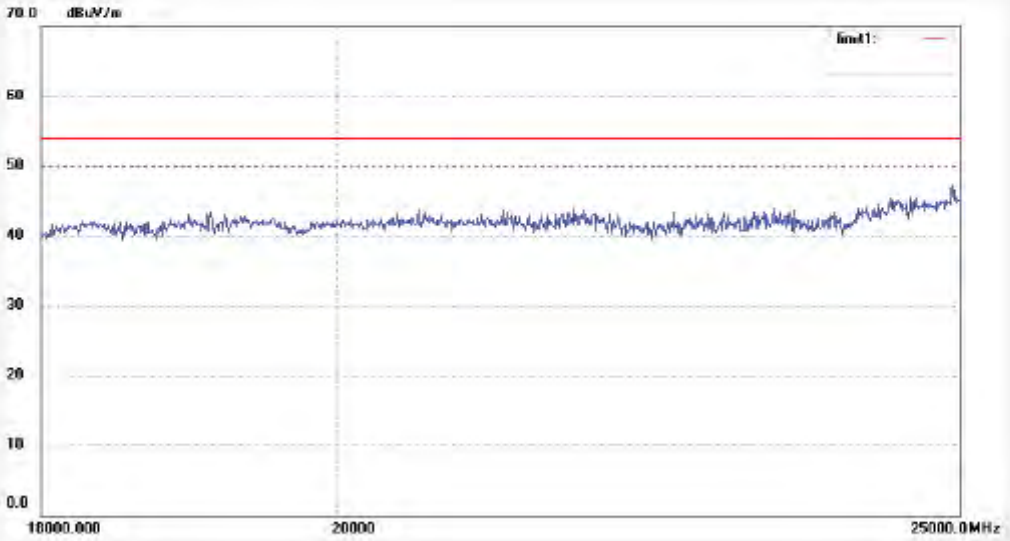
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #1731	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/02/08
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 11:09:53
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 11(802.11n)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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Site: 966 chamber
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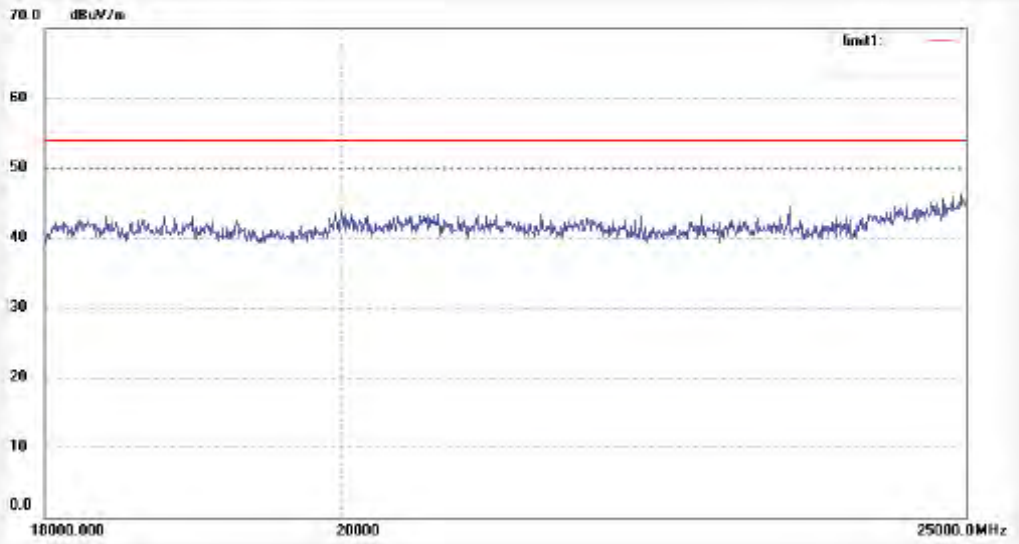
Fax:+86-0755-26503396

Job No.: STAR #1732	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012-2-8
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 11:13:13
EUT: Home Network Drive	Engineer Signature: Star
Mode: TX Channe 11(802.11n)	Distance: 3m
Model: COOBAY TM I	
Manufacturer: Netac	

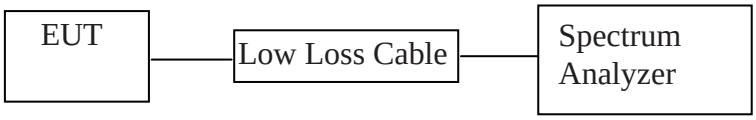
Note: Report No.:ATE20112797



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

10. CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

10.1. Block Diagram of Test Setup



(EUT: Home Network Drive)

10.2. The Requirement For Section 15.247(d)

Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

10.3. EUT Configuration on Measurement

The following equipment is installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

10.3.1. Home Network Drive (EUT)

Model Number	:	COOBAY^{TM} I
Serial Number	:	N/A
Manufacturer	:	Netac Technology Co., Ltd. Yueliangwan Division

10.4.Operating Condition of EUT

10.4.1.Setup the EUT and simulator as shown as Section 10.1.

10.4.2.Turn on the power of all equipment.

10.4.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462MHz. We select 2412MHz, 2437MHz, 2462MHz TX frequency to transmit.

10.5.Test Procedure

10.5.1.The transmitter output was connected to the spectrum analyzer via a low loss cable.

10.5.2.Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz (below 1GHz).

Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz (above 1GHz).

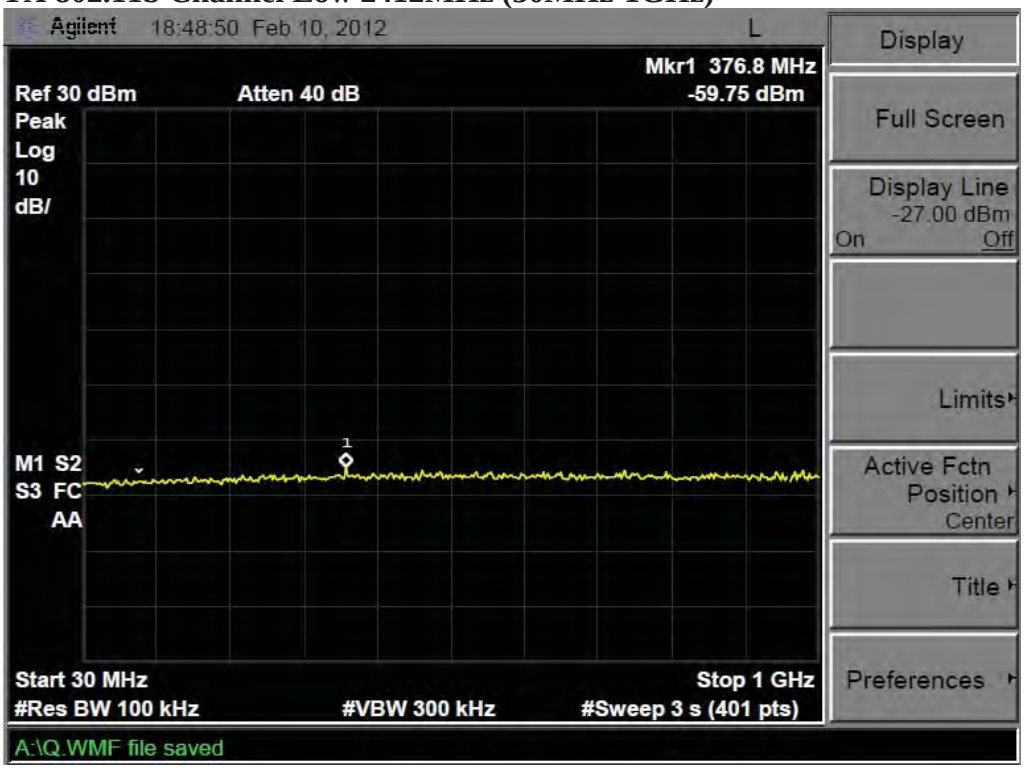
10.5.3.The Conducted Spurious Emission was measured and recorded.

10.6.Test Result

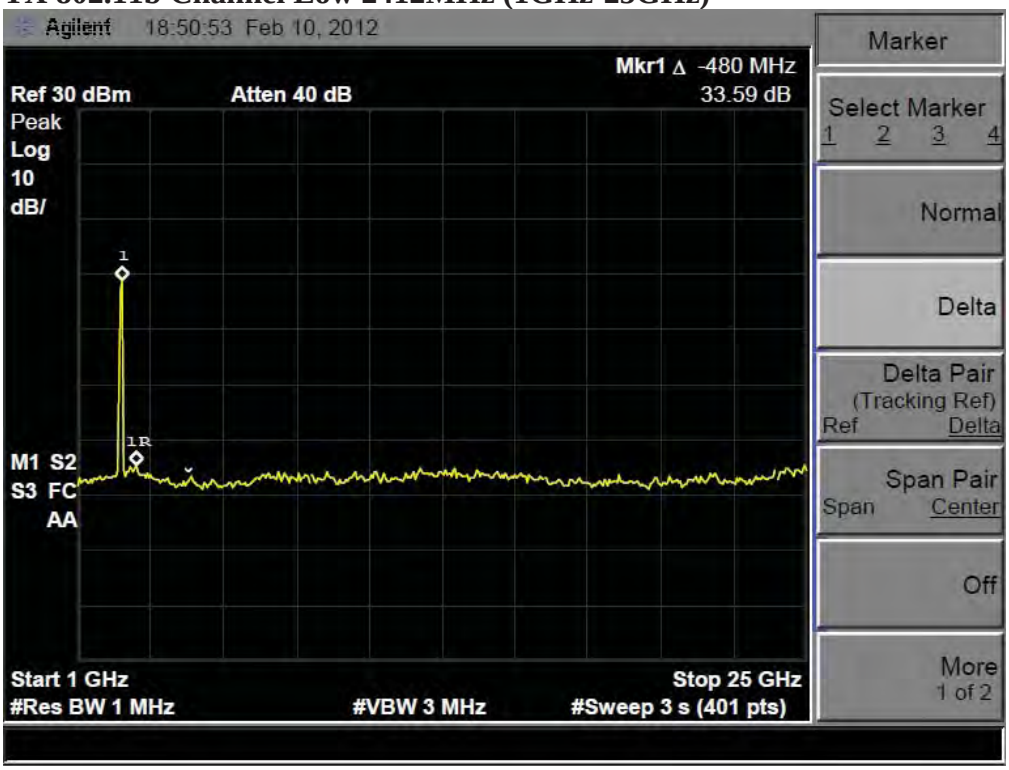
Pass.

The spectrum analyzer plots are attached as below.

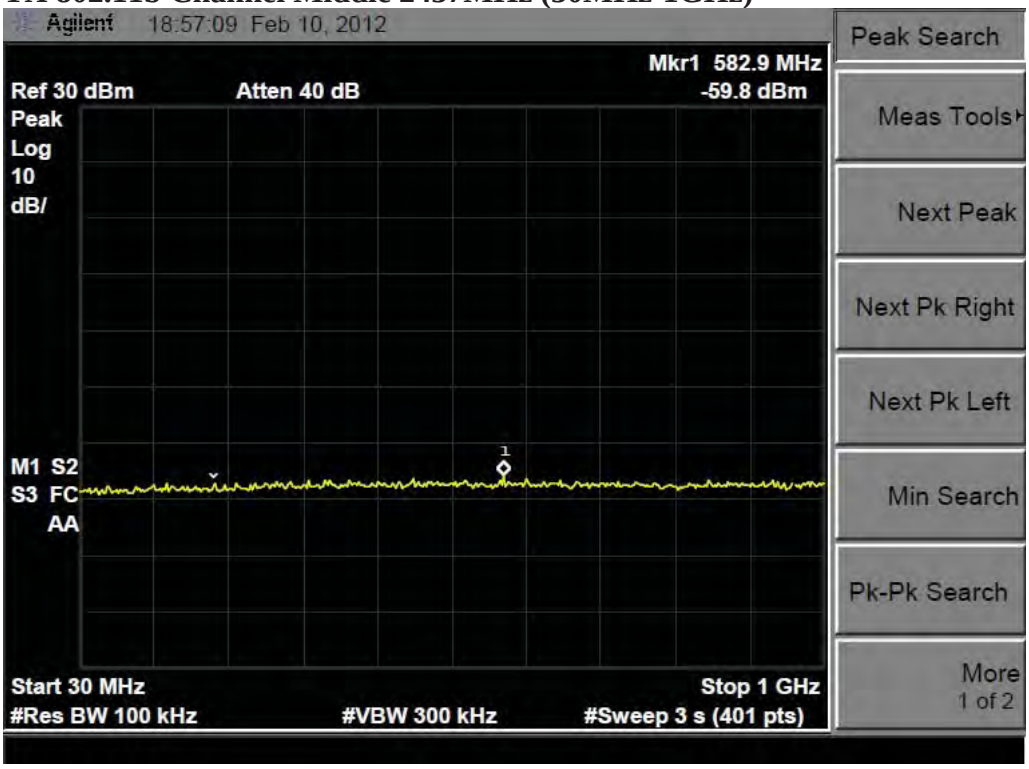
TX 802.11b Channel Low 2412MHz (30MHz-1GHz)



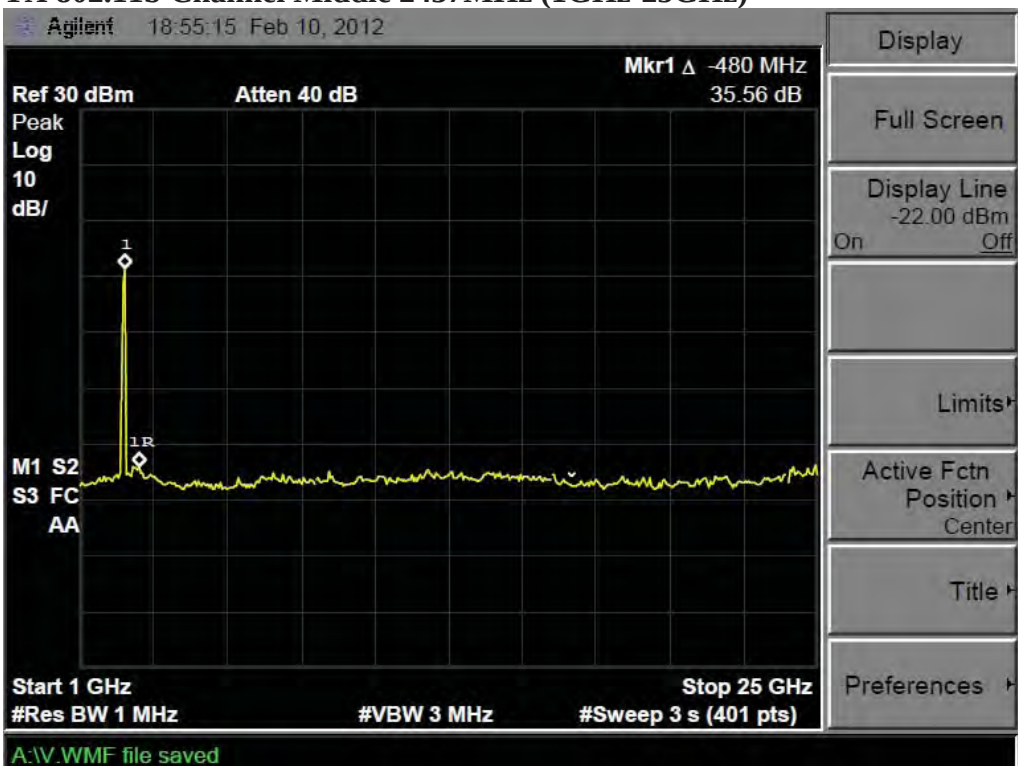
TX 802.11b Channel Low 2412MHz (1GHz-25GHz)



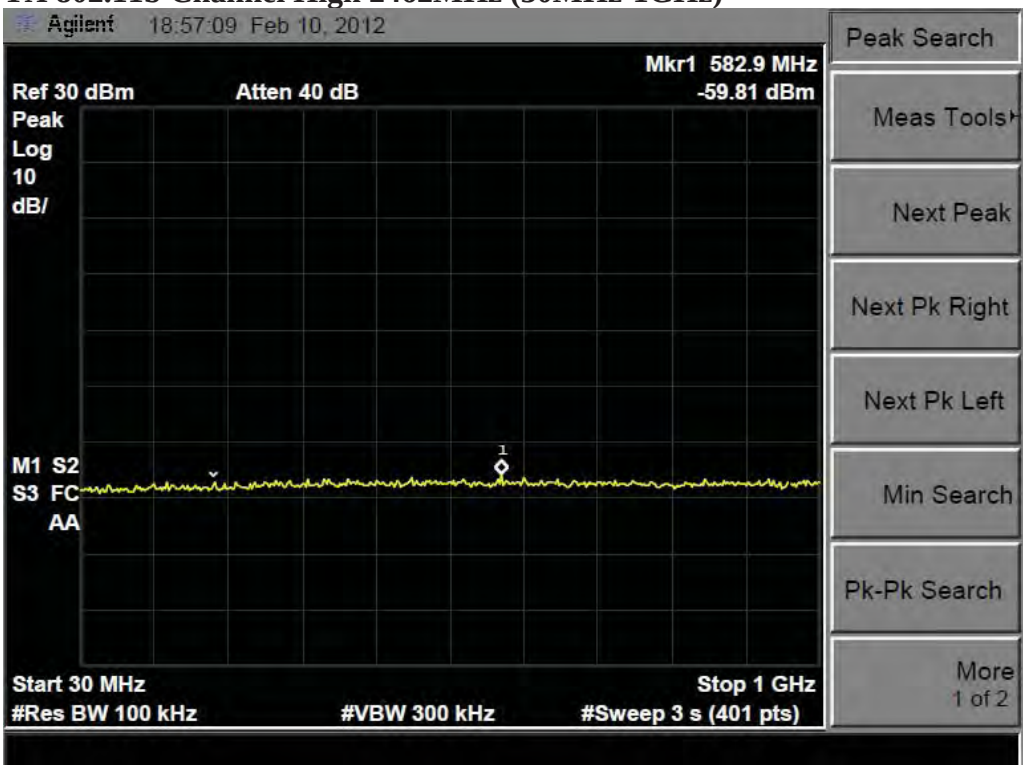
TX 802.11b Channel Middle 2437MHz (30MHz-1GHz)



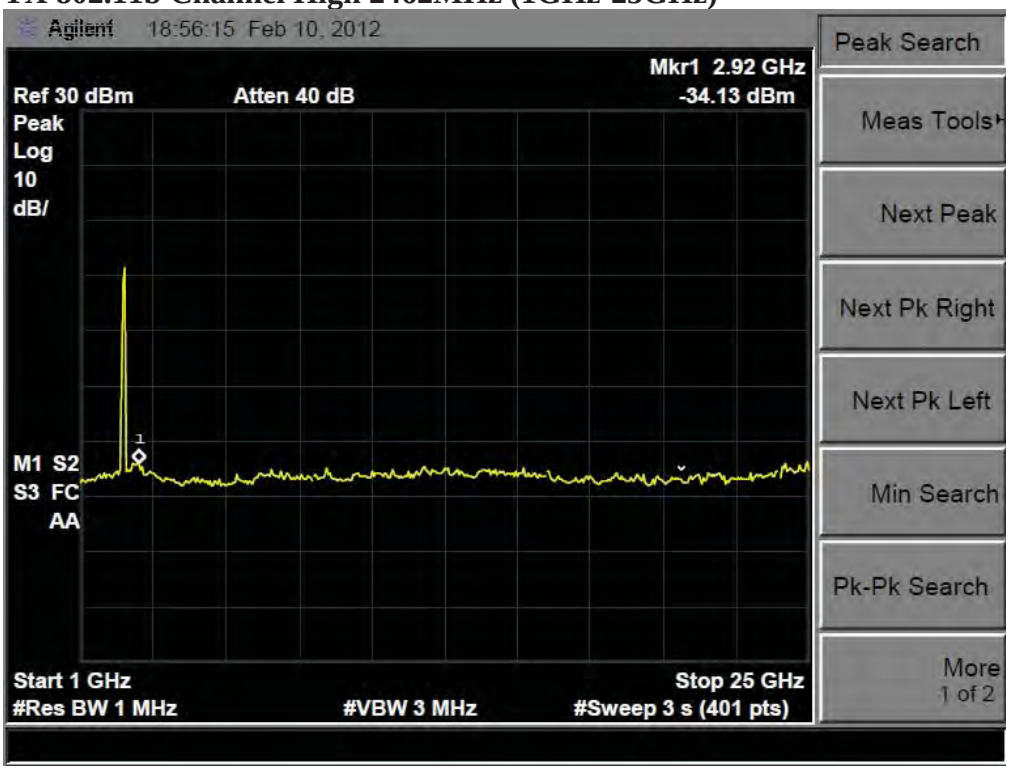
TX 802.11b Channel Middle 2437MHz (1GHz-25GHz)



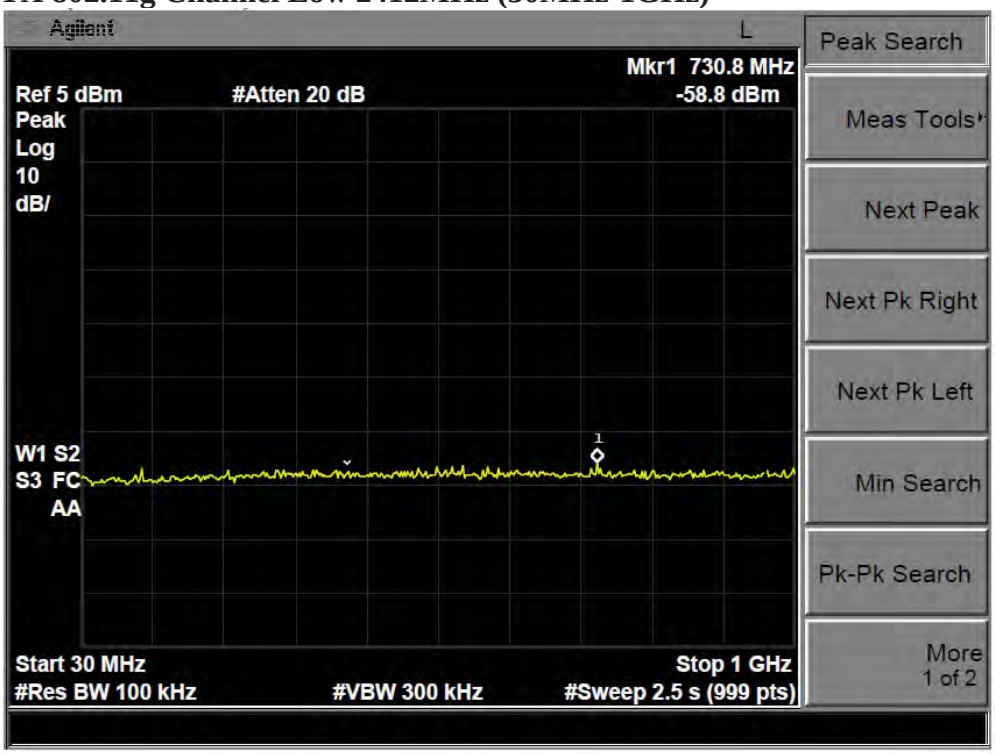
TX 802.11b Channel High 2462MHz (30MHz-1GHz)



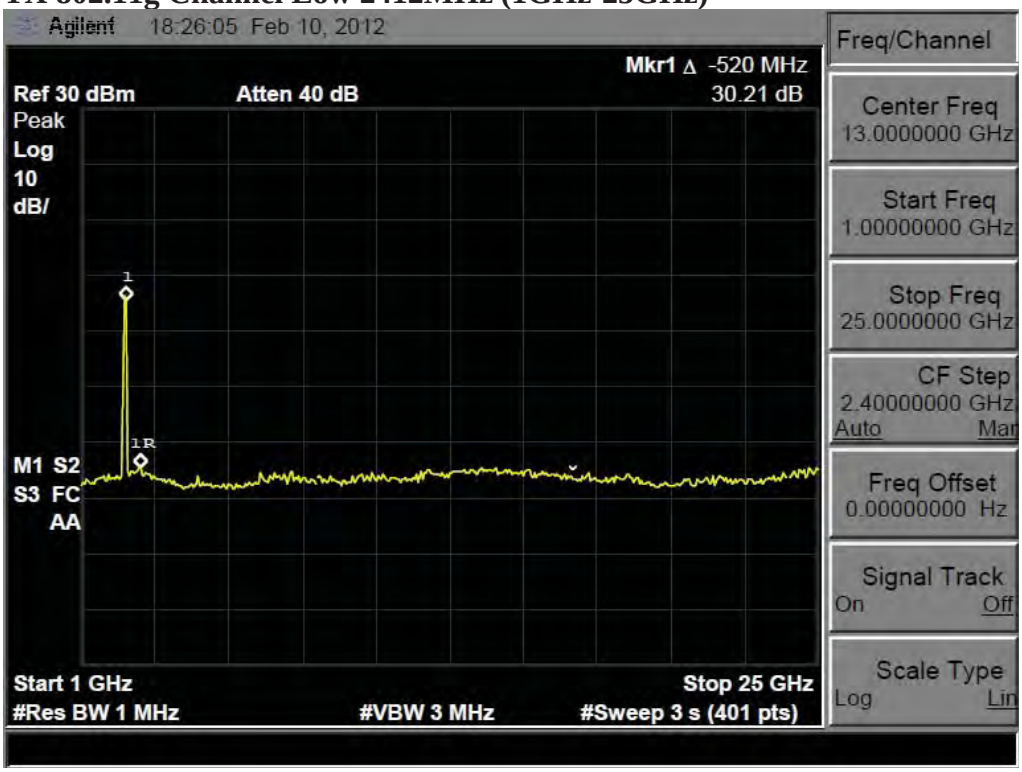
TX 802.11b Channel High 2462MHz (1GHz-25GHz)



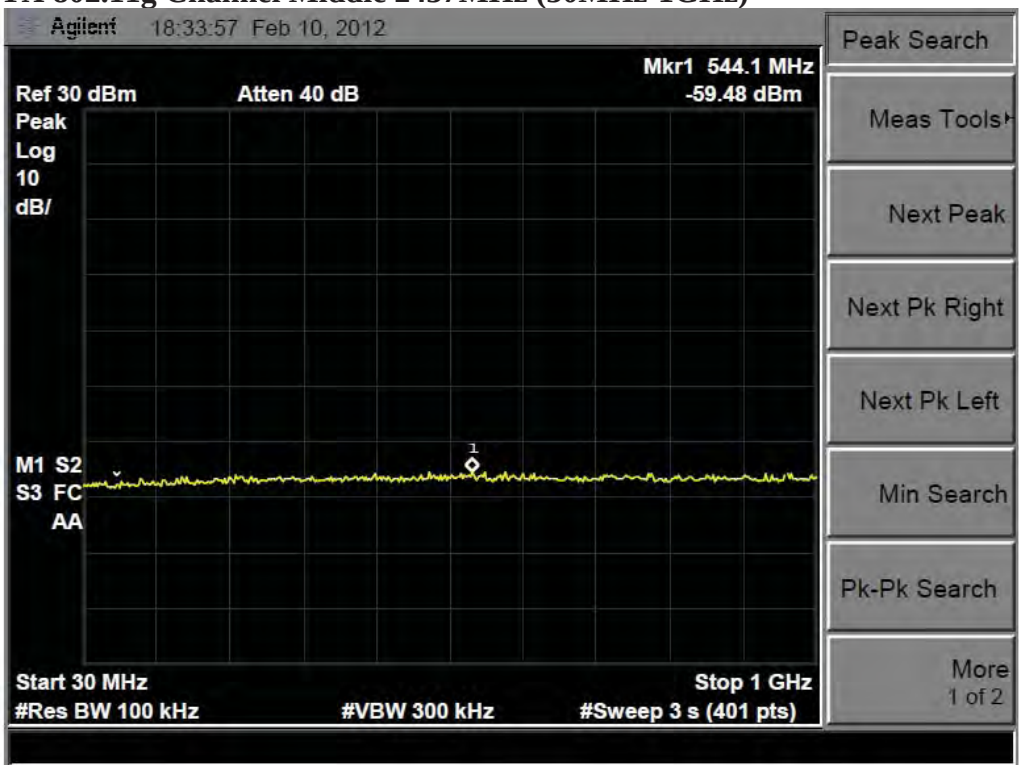
TX 802.11g Channel Low 2412MHz (30MHz-1GHz)



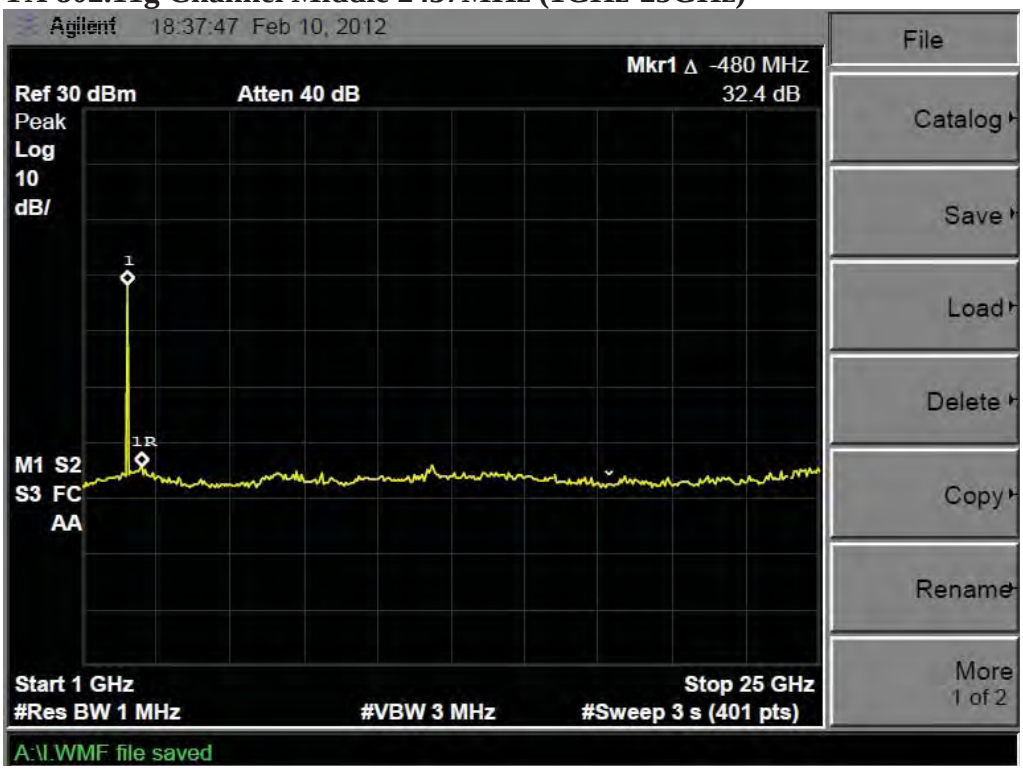
TX 802.11g Channel Low 2412MHz (1GHz-25GHz)



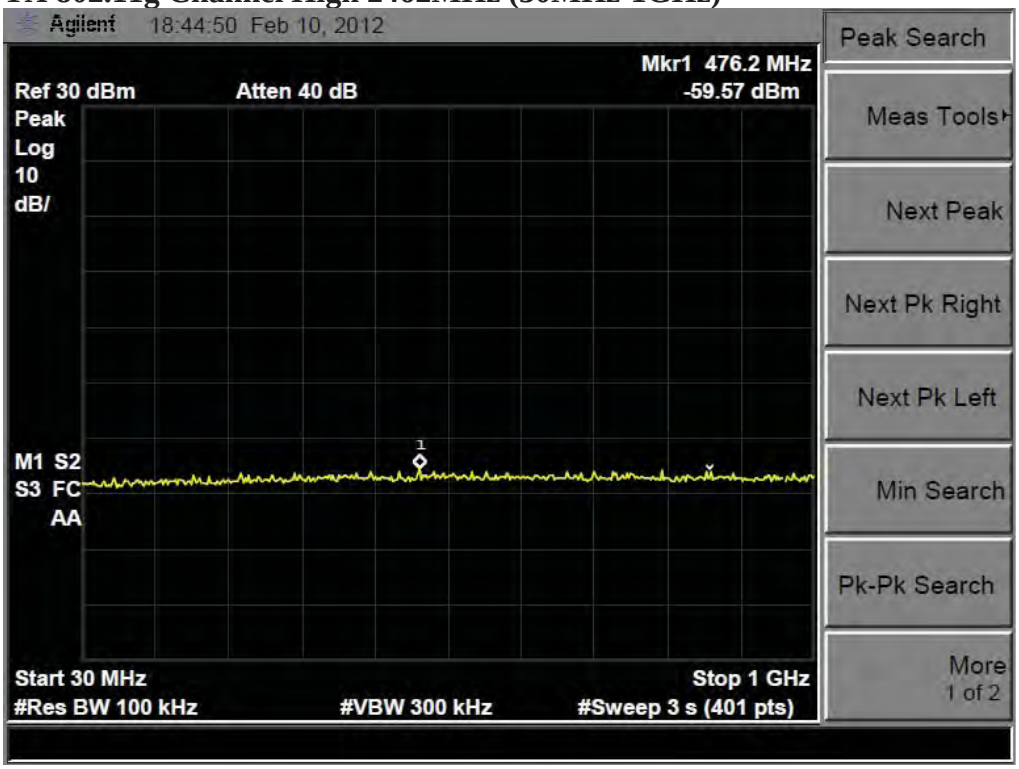
TX 802.11g Channel Middle 2437MHz (30MHz-1GHz)



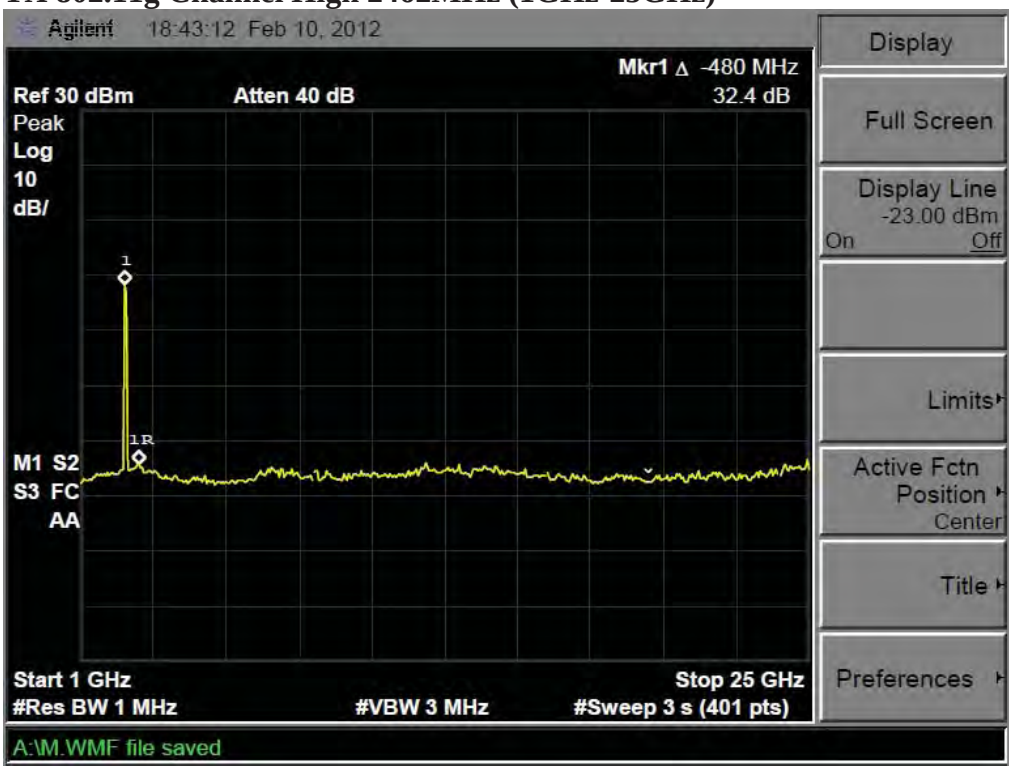
TX 802.11g Channel Middle 2437MHz (1GHz-25GHz)



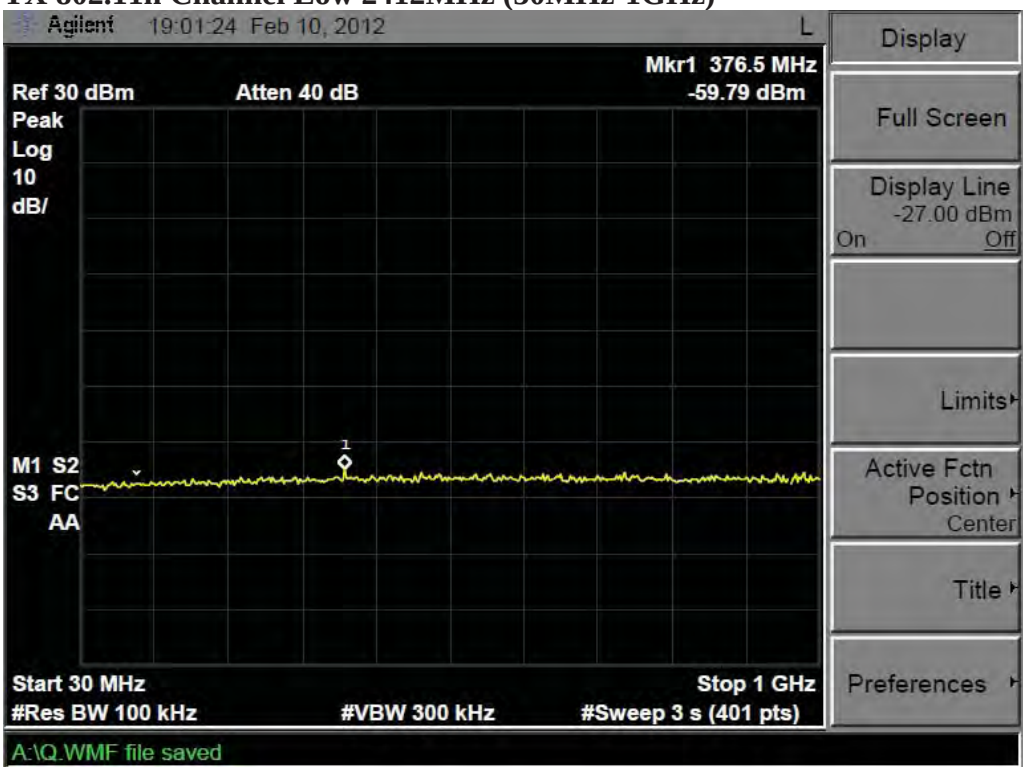
TX 802.11g Channel High 2462MHz (30MHz-1GHz)



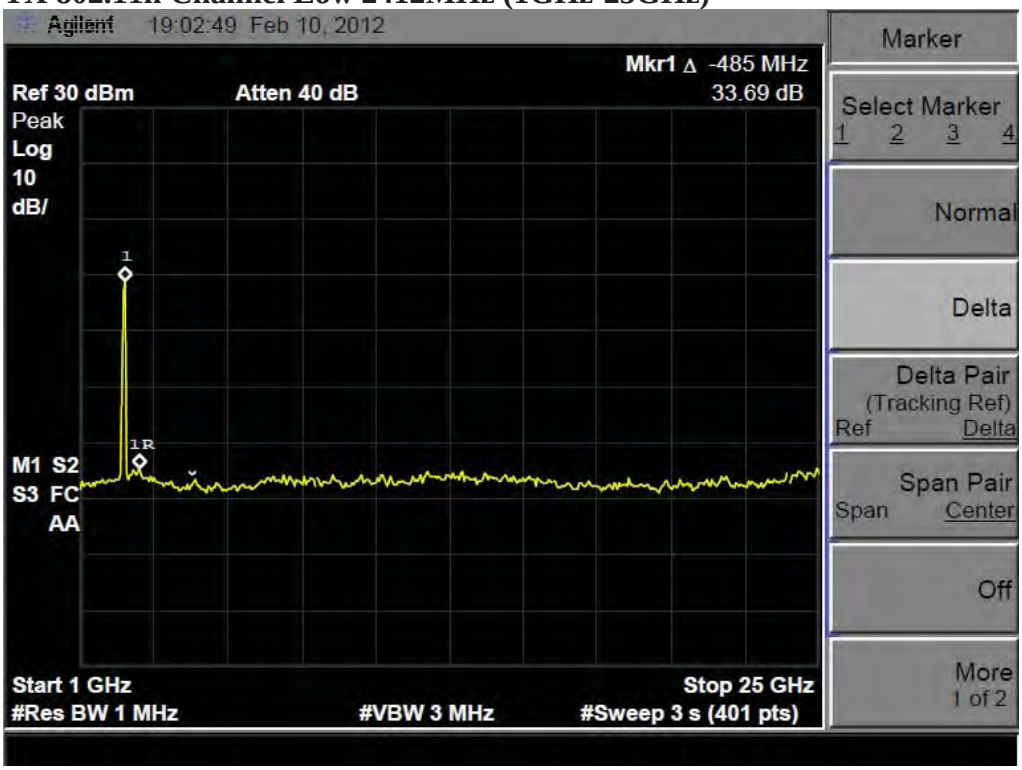
TX 802.11g Channel High 2462MHz (1GHz-25GHz)



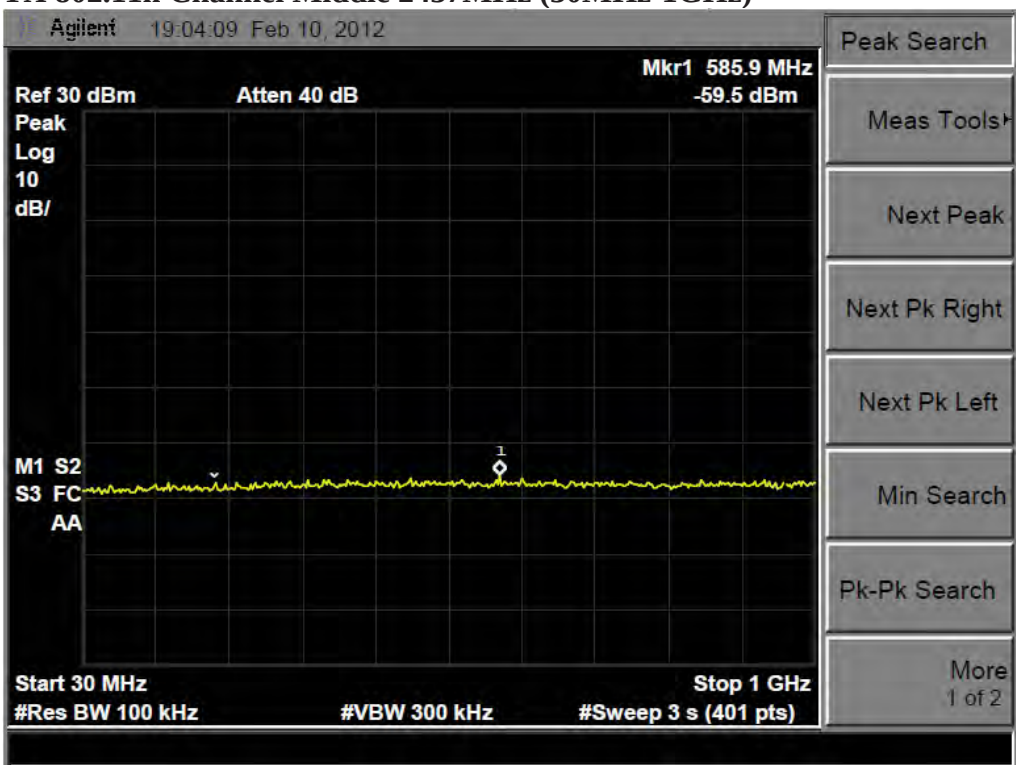
TX 802.11n Channel Low 2412MHz (30MHz-1GHz)



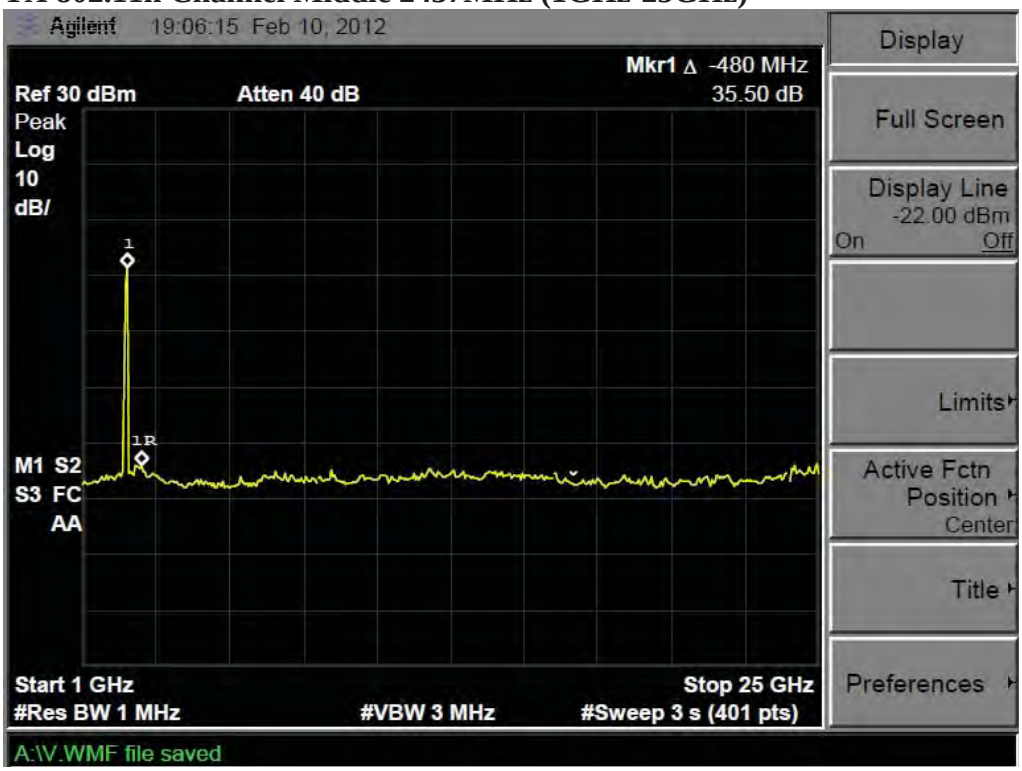
TX 802.11n Channel Low 2412MHz (1GHz-25GHz)



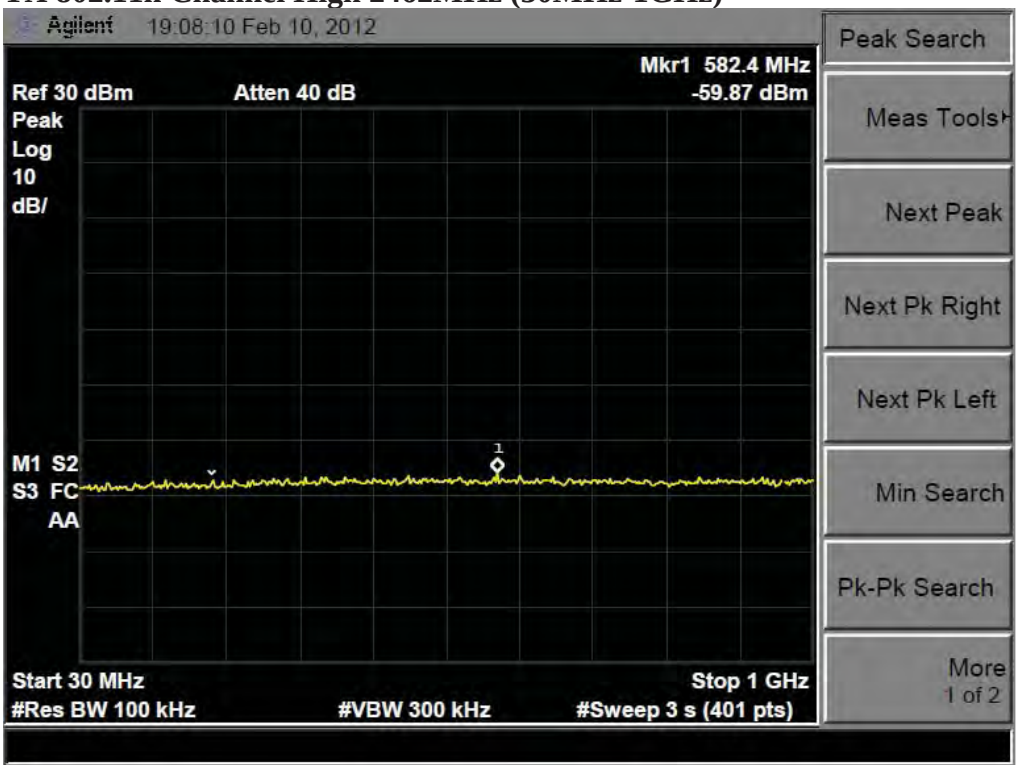
TX 802.11n Channel Middle 2437MHz (30MHz-1GHz)



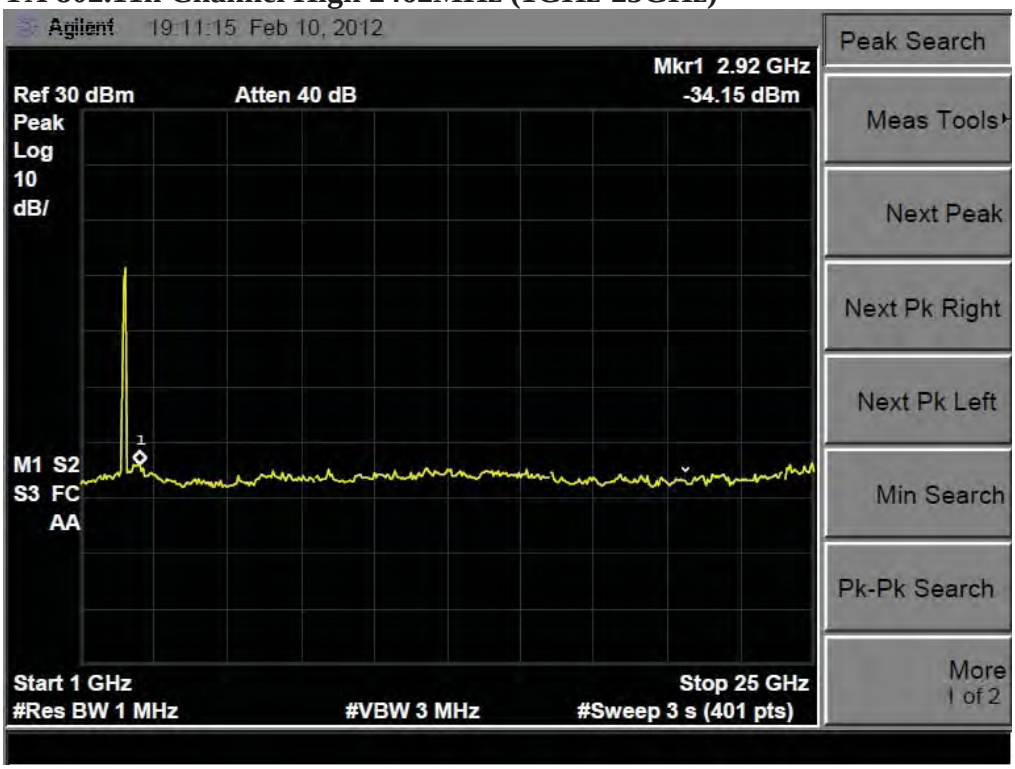
TX 802.11n Channel Middle 2437MHz (1GHz-25GHz)



TX 802.11n Channel High 2462MHz (30MHz-1GHz)



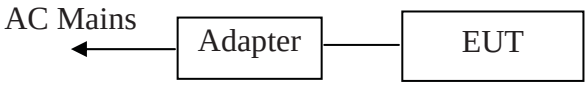
TX 802.11n Channel High 2462MHz (1GHz-25GHz)



11. AC POWER LINE CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.207(A)

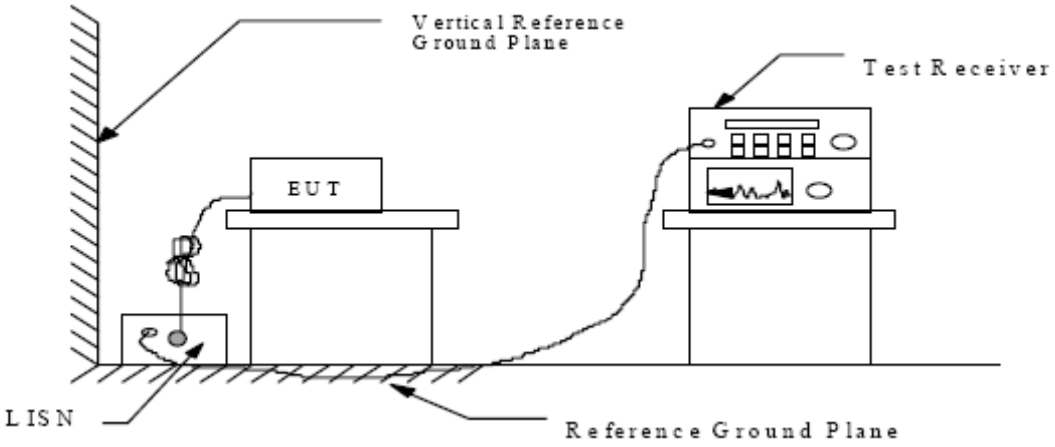
11.1. Block Diagram of Test Setup

11.1.1. Block diagram of connection between the EUT and simulators



(EUT: Home Network Drive)

11.1.2. Shielding Room Test Setup Diagram



(EUT: Home Network Drive)

11.2. The Emission Limit

11.2.1. Conducted Emission Measurement Limits According to Section 15.207(a)

Frequency (MHz)	Limit dB(μV)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0

* Decreases with the logarithm of the frequency.

11.3.Configuration of EUT on Measurement

The following equipment are installed on the Conducted Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

11.3.1.Home Network Drive (EUT)

Model Number	:	COOBAY^{TM} I
Serial Number	:	N/A
Manufacturer	:	Netac Technology Co., Ltd. Yueliangwan Division

11.4.Operating Condition of EUT

11.4.1.Setup the EUT and simulator as shown as Section 11.1.

11.4.2.Turn on the power of all equipment.

11.4.3.Let the EUT work in TX (802.11b Channel Middle, 802.11g Channel Middle, 802.11n Channel Middle) mode measure it.

11.5.Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2003 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

11.6.Power Line Conducted Emission Measurement Results

PASS.

The frequency range from 150kHz to 30MHz is checked.

Date of Test:	February 13, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60Hz
Test Mode:	TX 802.11b Channel Middle	Test Engineer:	Pei

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.190500	43.60	64	-20.4	QP	Neutral
3.223500	25.80	56	-30.2	QP	
21.534000	34.70	60	-25.3	QP	
0.190500	25.40	54	-28.6	AV	
3.390000	16.90	46	-29.1	AV	
21.552000	27.70	50	-22.3	AV	
0.183137	44.30	64.3	-20.0	QP	Live
3.322404	25.80	56	-30.2	QP	
21.433657	34.80	60	-25.2	QP	
0.186085	25.40	54.2	-28.8	AV	
3.322404	16.80	46	-29.2	AV	
21.605469	28.50	50	-21.5	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

Date of Test:	February 13, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60Hz
Test Mode:	TX 802.11g Channel Middle	Test Engineer:	Pei

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.183870	44.00	64.3	-20.3	QP	Neutral
3.192385	26.00	56	-30.0	QP	
21.605469	34.50	60	-25.5	QP	
0.187577	25.70	54.1	-28.4	AV	
3.243771	16.30	46	-29.7	AV	
21.691891	27.50	50	-22.5	AV	
0.189837	43.30	64	-20.7	QP	Live
3.362432	25.70	56	-30.3	QP	
23.307959	35.20	60	-24.8	QP	
0.184605	24.90	54.3	-29.4	AV	
3.389385	16.60	46	29.4	AV	
21.691891	28.30	50	-21.7	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

Date of Test:	February 13, 2012	Temperature:	25°C
EUT:	Home Network Drive	Humidity:	50%
Model No.:	COOBAY™ I	Power Supply:	AC 120V/60Hz
Test Mode:	TX 802.11n Channel Middle	Test Engineer:	Pei

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.180957	43.90	64.4	-20.5	QP	Neutral
3.166998	25.80	56	-30.2	QP	
23.401191	34.50	60	-25.5	QP	
0.183137	24.10	54.3	-30.2	AV	
3.230847	16.30	46	-29.7	AV	
21.605469	27.50	50	-22.5	AV	
0.182408	44.10	64.4	-20.3	QP	Live
3.179666	25.70	56	-30.3	QP	
23.215099	35.50	60	-24.5	QP	
0.185344	24.80	54.2	-29.4	AV	
3.389385	16.70	46	-29.3	AV	
23.401191	28.40	50	-21.6	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

ACCURATE TECHNOLOGY CO.,LTD

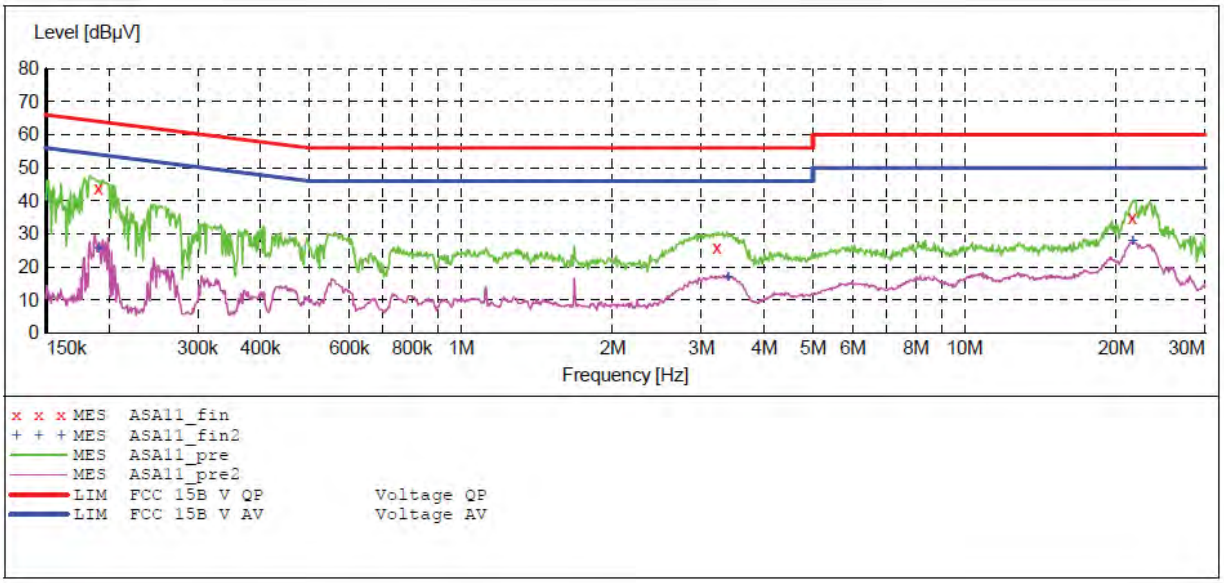
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Home Network Drive M/N:COOBAY TM I
Manufacturer: Netac
Operating Condition: 802.11b Channel 6
Test Site: 1#Shielding Room
Operator: Star
Test Specification: N 120V/60Hz
Comment: Report No.:ATE20112797
Start of Test: 2/13/2012 / 9:10:25AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "ASA11_fin"

2/13/2012 9:14AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.190500	43.60	11.2	64	20.4	QP	N	GND
3.223500	25.80	11.5	56	30.2	QP	N	GND
21.534000	34.70	11.1	60	25.3	QP	N	GND

MEASUREMENT RESULT: "ASA11_fin2"

2/13/2012 9:14AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.190500	25.40	11.2	54	28.6	AV	N	GND
3.390000	16.90	11.5	46	29.1	AV	N	GND
21.552000	27.70	11.1	50	22.3	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

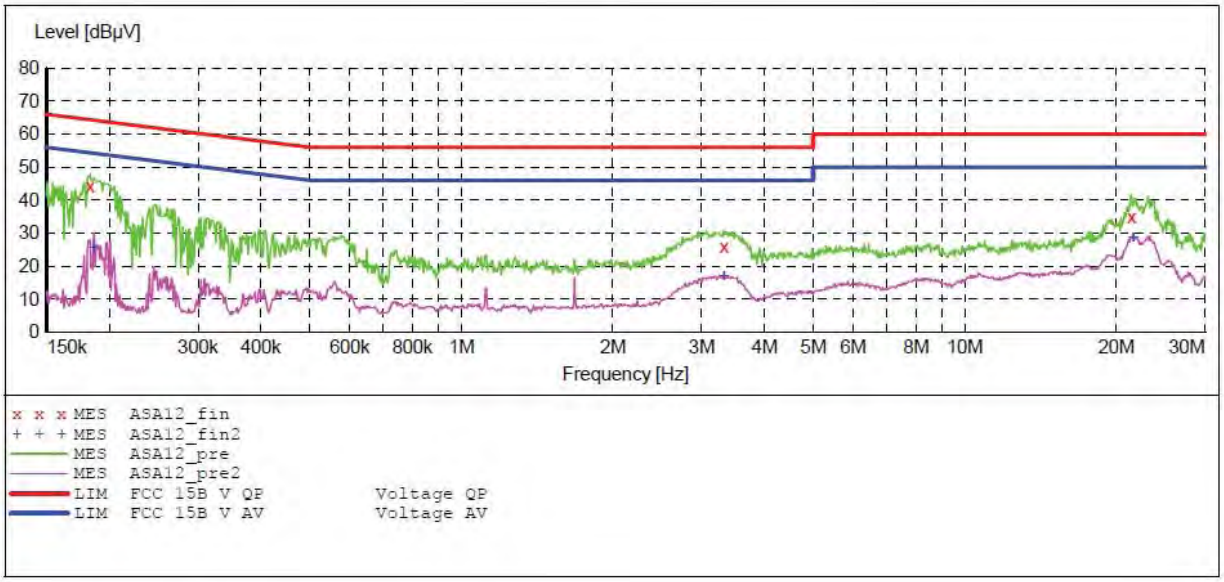
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT:	Home Network Drive	M/N:COOBAY TM I
Manufacturer:	Netac	
Operating Condition:	802.11b Channel 6	
Test Site:	1#Shielding Room	
Operator:	Star	
Test Specification:	L 120V/60Hz	
Comment:	Report No.:ATE20112797	
Start of Test:	2/13/2012 / 9:15:28AM	

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "ASA12_fin"

2/13/2012 9:17AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.183137	44.30	11.2	64.3	20.0	QP	L1	GND
3.322404	25.80	11.5	56	30.2	QP	L1	GND
21.433657	34.80	11.1	60	25.2	QP	L1	GND

MEASUREMENT RESULT: "ASA12_fin2"

2/13/2012 9:17AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.186085	25.40	11.2	54.2	28.8	AV	L1	GND
3.322404	16.80	11.5	46	29.2	AV	L1	GND
21.605469	28.50	11.1	50	21.5	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

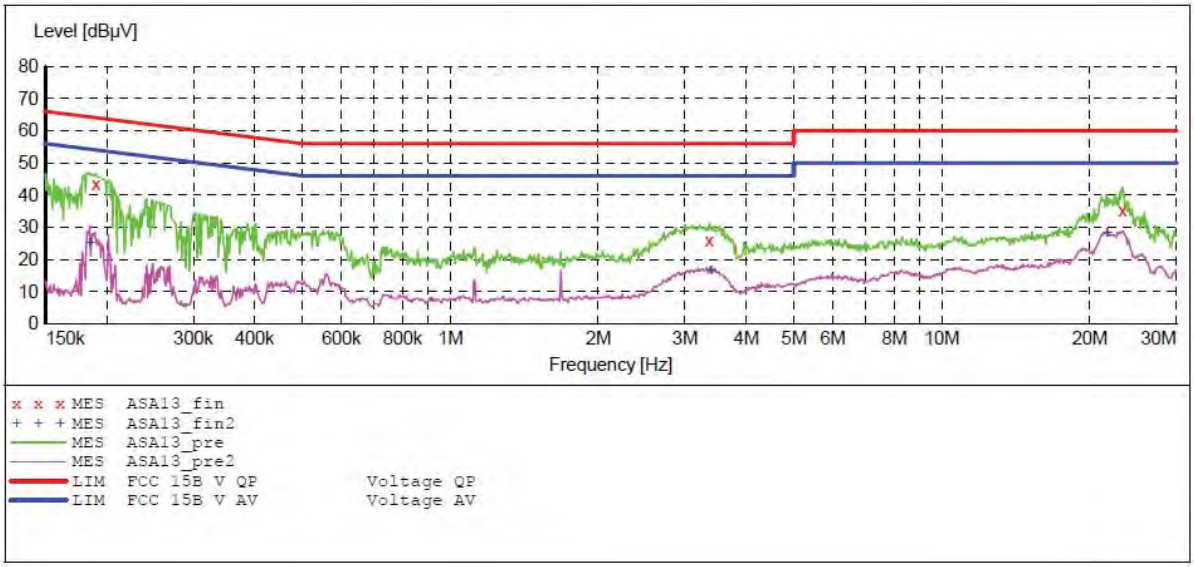
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Home Network Drive M/N:COOBAY TM I
Manufacturer: Netac
Operating Condition: 802.11g Channel 6
Test Site: 1#Shielding Room
Operator: Star
Test Specification: L 120V/60Hz
Comment: Report No.:ATE20112797
Start of Test: 2/13/2012 / 9:17:55AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "ASA13_fin"

2/13/2012 9:19AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.189837	43.30	11.2	64	20.7	QP	L1	GND
3.362432	25.70	11.5	56	30.3	QP	L1	GND
23.307959	35.20	11.1	60	24.8	QP	L1	GND

MEASUREMENT RESULT: "ASA13_fin2"

2/13/2012 9:19AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.184605	24.90	11.2	54.3	29.4	AV	L1	GND
3.389385	16.60	11.5	46	29.4	AV	L1	GND
21.691891	28.30	11.1	50	21.7	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

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EUT:                  Home Network Drive     M/N:COOBAY TM I
Manufacturer:         Netac
Operating Condition:  802.11g Channel 6
Test Site:            1#Shielding Room
Operator:             Star
Test Specification:   N  120V/60Hz
Comment:              Report No.:ATE20112797
Start of Test:        2/13/2012 / 9:20:18AM
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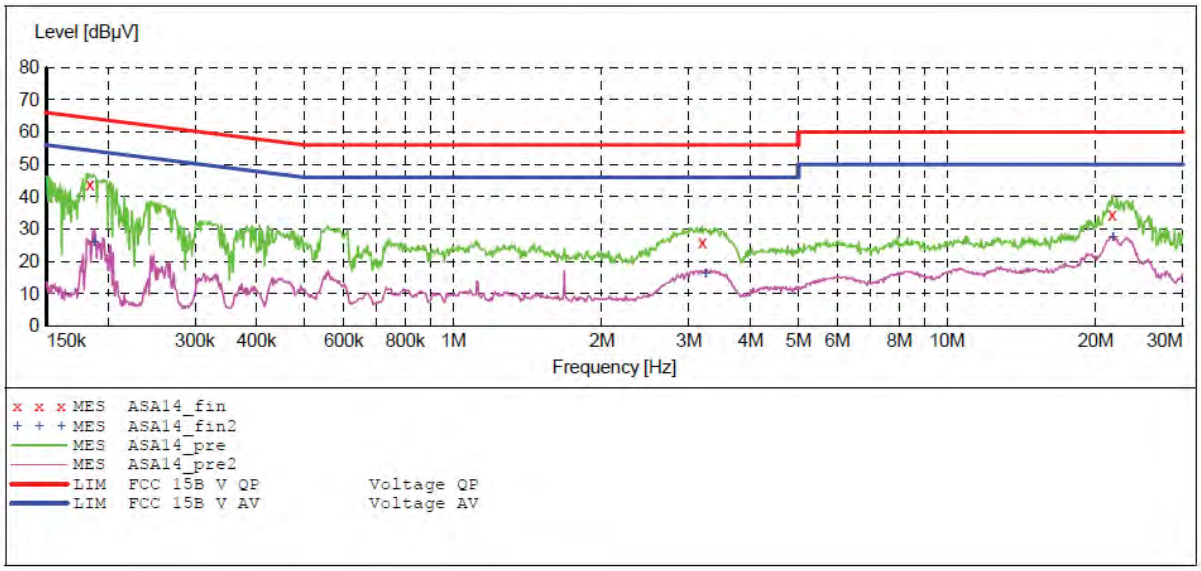
SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "ASA14_fin"

2/13/2012 9:22AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.183870	44.00	11.2	64.3	20.3	QP	N	GND
3.192385	26.00	11.5	56	30.0	QP	N	GND
21.605469	34.50	11.1	60	25.5	QP	N	GND

MEASUREMENT RESULT: "ASA14_fin2"

2/13/2012 9:22AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.187577	25.70	11.2	54.1	28.4	AV	N	GND
3.243771	16.30	11.5	46	29.7	AV	N	GND
21.691891	27.50	11.1	50	22.5	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

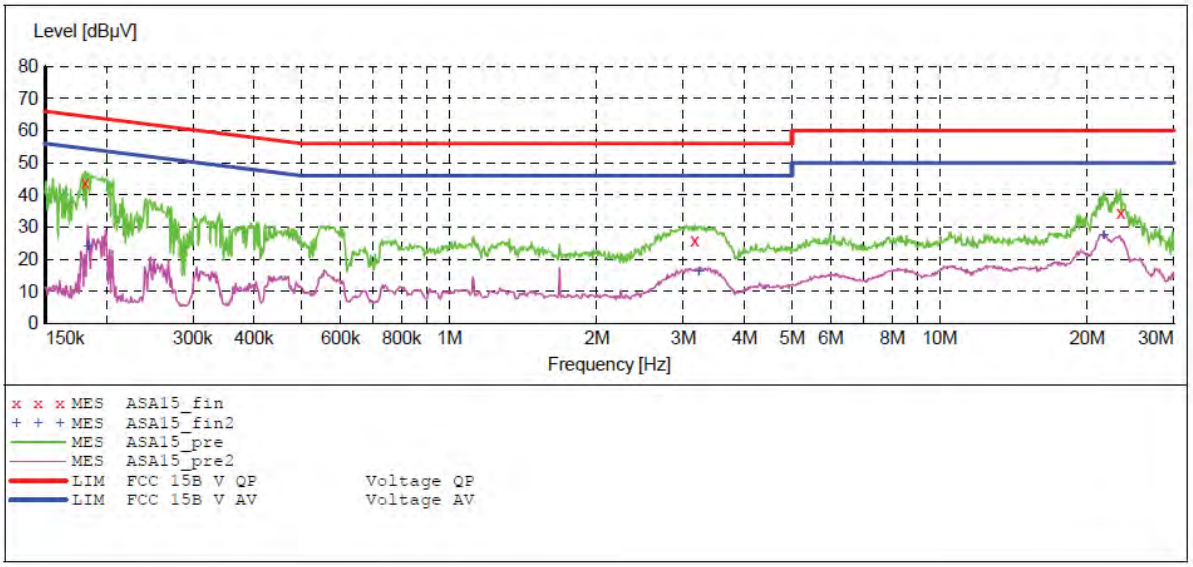
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Home Network Drive M/N:COOBAY TM I
Manufacturer: Netac
Operating Condition: 802.11n Channel 6
Test Site: 1#Shielding Room
Operator: Star
Test Specification: N 120V/60Hz
Comment: Report No.:ATE20112797
Start of Test: 2/13/2012 / 9:22:44AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "ASA15_fin"

2/13/2012 9:24AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.180957	43.90	11.2	64.4	20.5	QP	N	GND
3.166998	25.80	11.5	56	30.2	QP	N	GND
23.401191	34.50	11.1	60	25.5	QP	N	GND

MEASUREMENT RESULT: "ASA15_fin2"

2/13/2012 9:24AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.183137	24.10	11.2	54.3	30.2	AV	N	GND
3.230847	16.30	11.5	46	29.7	AV	N	GND
21.605469	27.50	11.1	50	22.5	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

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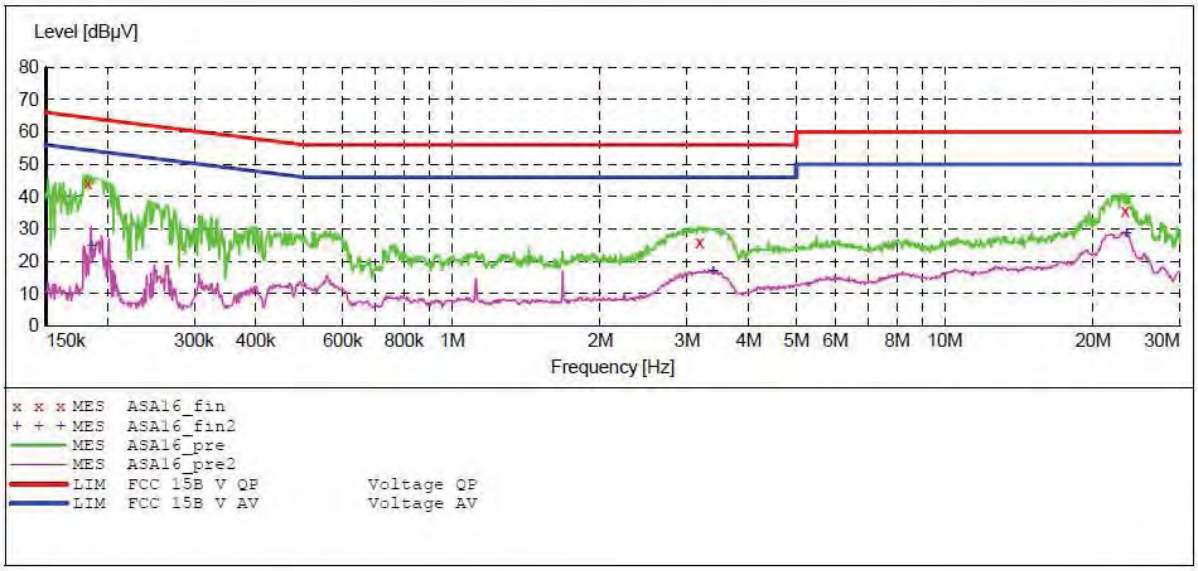
EUT:                  Home Network Drive     M/N:COOBAY TM I
Manufacturer:         Netac
Operating Condition:  802.11n Channel 6
Test Site:            1#Shielding Room
Operator:             Star
Test Specification:   L  120V/60Hz
Comment:              Report No.:ATE20112797
Start of Test:        2/13/2012 / 9:25:22AM
```

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "ASA16_fin"

2/13/2012 9:27AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.182408	44.10	11.2	64.4	20.3	QP	L1	GND
3.179666	25.70	11.5	56	30.3	QP	L1	GND
23.215099	35.50	11.1	60	24.5	QP	L1	GND

MEASUREMENT RESULT: "ASA16_fin2"

2/13/2012 9:27AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.185344	24.80	11.2	54.2	29.4	AV	L1	GND
3.389385	16.70	11.5	46	29.3	AV	L1	GND
23.401191	28.40	11.1	50	21.6	AV	L1	GND

12. ANTENNA REQUIREMENT

12.1. The Requirement

According to Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

12.2. Antenna Construction

Device is equipped with unique antenna, which isn't displaced by other antenna. Therefore, the equipment complies with the antenna requirement of Section 15.203.

Antenna