

## 2.4 GHz Wideband Low Power Data Communication System Test Report

Product Name : Wireless-AC2200 Tri Band Gigabit Router

Trade Name : ASUS

Model No. : Lyra Voice

Applicant : ASUSTeK COMPUTER INC.

Address : 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan

Date of Receipt : Jun. 04, 2018

Issued Date : Nov. 08, 2018

Report No. : 1860341R-RFJPP18V00-A

Report Version : V1.0



The test results relate only to the samples tested.

The test report shall not be reproduced except in full without the written approval of DEKRA Testing and Certification Co., Ltd..

# Test Report Certification

Issued Date : Nov. 08, 2018

Report No. : 1860341R-RFJPP18V00-A



Product Name : Wireless-AC2200 Tri Band Gigabit Router  
Applicant : ASUSTeK COMPUTER INC.  
Address : 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan  
Manufacturer : ASUSTeK COMPUTER INC.  
Model No. : Lyra Voice  
EUT Voltage : AC 100-240V, 50-60Hz  
Testing Voltage : AC 100V/50Hz  
Trade Name : ASUS  
Applicable Standard : ARIB STD-T66 Ver. 3.7 (2014.10.02)  
Laboratory Name : Hsin Chu Laboratory  
Address : No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township,  
Hsinchu County 31061, Taiwan, R.O.C.  
TEL: +886-3-582-8001 / FAX: +886-3-582-8958  
Test Result : Complied


Documented By :

  
( Carol Tsai / Senior Engineering Adm. Specialist )

Tested By :

  
( Andy Tsai / Senior Engineer )

Approved By :

  
( Roy Wang / Director )

**Revision History**

Report No.	Version	Description	Issued Date
1860341R-RFJPP18V00-A	V1.0	Initial issue of report.	Nov. 08, 2018

## TABLE OF CONTENTS

Description	Page
<b>1. GENERAL INFORMATION .....</b>	<b>6</b>
1.1. EUT Description .....	6
1.2. Test Mode.....	9
1.3. Tested System Details.....	10
1.4. Configuration of tested System .....	10
1.5. EUT Exercise Software .....	10
1.6. Test Facility .....	11
1.7. List of Test Equipment.....	12
1.8. Measurement Uncertainty .....	13
<b>2. OUTPUT POWER 、OUTPUT POWER TOLERANCE AND E.I.R.P.....</b>	<b>14</b>
2.1. Test Setup .....	14
2.2. Limits.....	14
2.3. Test Procedure .....	14
2.4. Test Result of Output Power .....	15
2.5. Test Result of Output Power Tolerance .....	17
2.6. Test Result of E.I.R.P .....	18
<b>3. OCCUPIED BANDWIDTH.....</b>	<b>19</b>
3.1. Test Setup .....	19
3.2. Test Procedure .....	19
3.3. Limits .....	19
3.4. Test Result of Occupied Bandwidth .....	20
<b>4. SPREAD BANDWIDTH.....</b>	<b>22</b>
4.1. Test Setup .....	22
4.2. Test Procedure .....	22
4.3. Limits .....	22
4.4. Test Result of Spread Bandwidth .....	23
<b>5. FREQUENCY TOLERANCE.....</b>	<b>25</b>
5.1. Test Setup .....	25
5.2. Test Procedure .....	25
5.3. Limits .....	25
5.4. Test Result of Frequency Tolerance .....	26
<b>6. TRANSMITTER SPURIOUS EMISSIONS.....</b>	<b>27</b>
6.1. Test Setup .....	27

6.2. Test Procedure .....	27
6.3. Limits .....	27
6.4. Test Result of Transmitter Spurious Emissions .....	28
<b>7. RECEIVER SPURIOUS EMISSIONS .....</b>	<b>30</b>
7.1. Test Setup .....	30
7.2. Test Procedure .....	30
7.3. Limits .....	30
7.4. Test Result of Receiver Spurious Emissions .....	31
<b>8. EMI REDUCTION METHOD DURING COMPLIANCE TESTING .....</b>	<b>33</b>
Attachment 1 .....	34
Test Photograph .....	34
Attachment 2 .....	35
EUT External Photograph .....	35
Attachment 3 .....	51
EUT Internal Photograph .....	51

## 1. GENERAL INFORMATION

### 1.1. EUT Description

Product Name	Wireless-AC2200 Tri Band Gigabit Router
Trade Name	ASUS
Model No.	Lyra Voice
Frequency Range/Channel Number	2402~2480MHz / 40 Channels
Type of Modulation	BLE 4.0 (GFSK)
Length / Width / Height	270mm*75mm*75mm
Weight	975g

Antenna Information				
Antenna List	Frequency band	MFR. / Model	Antenna Type	Antenna Gain (dBi)
Ant-1	2.4G	WHA YU / C660-510449-A	PCB Dipole	0.458 (Effective Gain)
Ant-2	BT	WHA YU / C660-510419-A	PCB Dipole	1.96
Ant-3	2.4G	WHA YU / C660-510450-A	PCB Dipole	0.458 (Effective Gain)
Ant-4	5G-B3	WHA YU / C660-510451-A	Dipole & PCB Dipole	2.721 (Effective Gain)
Ant-5	5G-B3	WHA YU / C660-510452-A	Dipole & PCB Dipole	2.721 (Effective Gain)
Ant-6	5G-B1&B2	WHA YU / C660-510453-A	Dipole & PCB Dipole	2.546 (Effective Gain)
Ant-7	5G-B1&B2	WHA YU / C660-510454-A	Dipole & PCB Dipole	2.546 (Effective Gain)

Accessories Information	
LAN Cable	Non-Shielded, 1.4m
Power Adapter	DELTA, ADP-45BW B I/P : 100-240V~1.2A 50-60Hz O/P : 19V $\equiv$ 2.37A Cable Out: Non-Shielded, 2.2m
Power Adapter	DELTA, ADP-45BW B C.C.: H I/P : 100-240V~1.2A 50-60Hz O/P : 19V $\equiv$ 2.37A Cable Out: Non-Shielded, 2.2m
Power Adapter	DELTA, ADP-45BW Y I/P : 100-240V~50-60Hz 1.2A O/P : 19V $\equiv$ 2.37A Cable Out: Non-Shielded, 2.2m
Power Adapter	PI, AD2066320 I/P : 100-240V~50/60Hz 1.0A O/P : 19V $\equiv$ 2.37A Cable Out: Non-Shielded, 2.2m
Power Adapter	PI, AD2066320010-5LF I/P : 100-240V~50/60Hz 1.0A O/P : 19V $\equiv$ 2.37A Cable Out: Non-Shielded, 2.2m
Power Adapter	PI, AD883J20 I/P : 100-240V~50/60Hz 1.0A O/P : 19V $\equiv$ 2.37A Cable Out: Non-Shielded, 2.2m

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 00	2402 MHz	Channel 10	2422 MHz	Channel 20	2442 MHz	Channel 30	2462 MHz
Channel 01	2404 MHz	Channel 11	2424 MHz	Channel 21	2444 MHz	Channel 31	2464 MHz
Channel 02	2406 MHz	Channel 12	2426 MHz	Channel 22	2446 MHz	Channel 32	2466 MHz
Channel 03	2408 MHz	Channel 13	2428 MHz	Channel 23	2448 MHz	Channel 33	2468 MHz
Channel 04	2410 MHz	Channel 14	2430 MHz	Channel 24	2450 MHz	Channel 34	2470 MHz
Channel 05	2412 MHz	Channel 15	2432 MHz	Channel 25	2452 MHz	Channel 35	2472 MHz
Channel 06	2414 MHz	Channel 16	2434 MHz	Channel 26	2454 MHz	Channel 36	2474 MHz
Channel 07	2416 MHz	Channel 17	2436 MHz	Channel 27	2456 MHz	Channel 37	2476 MHz
Channel 08	2418 MHz	Channel 18	2438 MHz	Channel 28	2458 MHz	Channel 38	2478 MHz
Channel 09	2420 MHz	Channel 19	2440 MHz	Channel 29	2460 MHz	Channel 39	2480 MHz

## 1.2. Test Mode

DEKRA has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

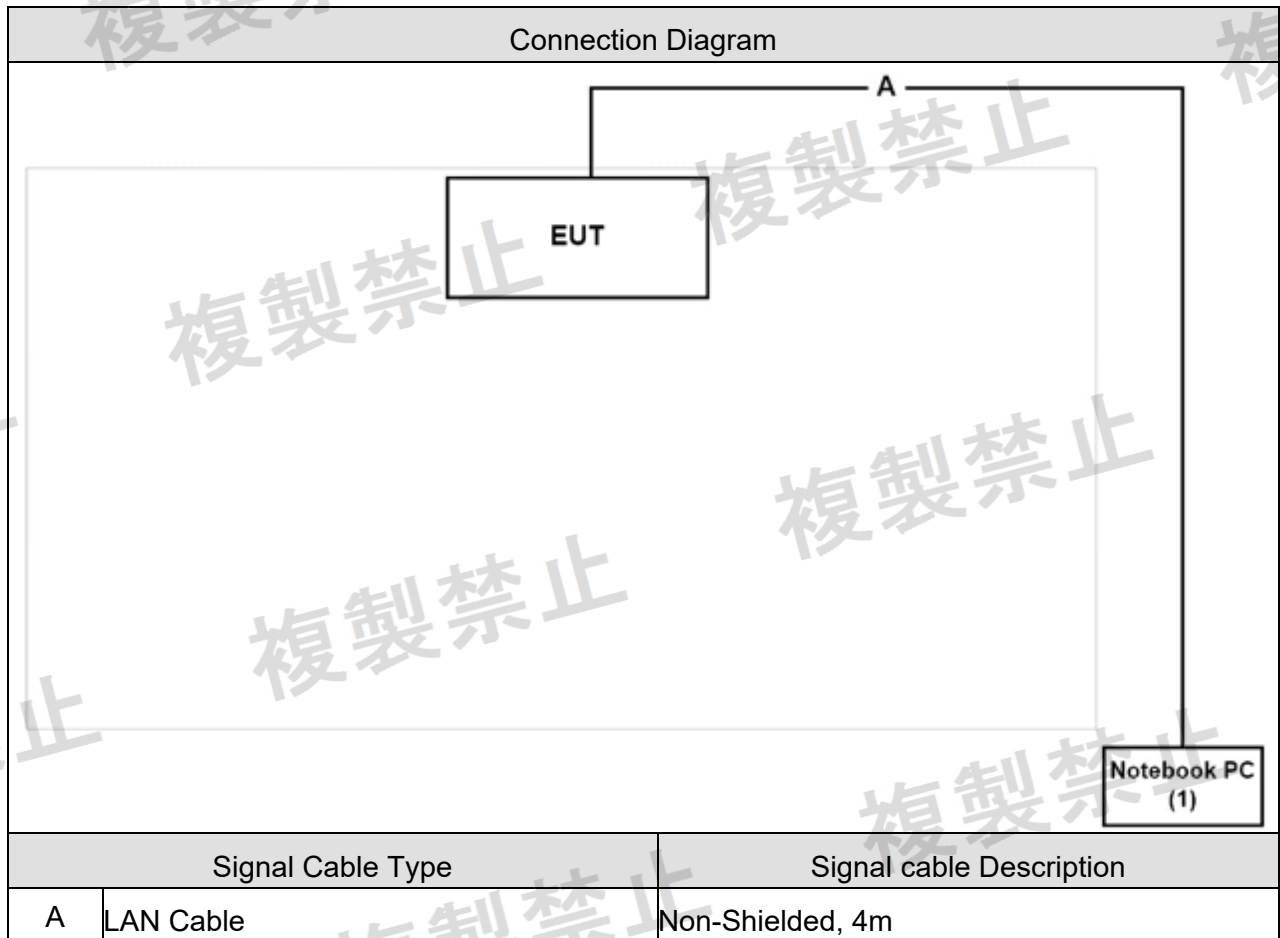
Test Mode
Mode 1: Transmit
Mode 2: Receiver

### 1.3. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product	Manufacturer	Model No.	Serial No.	Power Cord
1 Notebook PC	Lenovo	B590	WB1529782	Non-Shielded, 1.8m, one ferrite core bonded

### 1.4. Configuration of tested System



### 1.5. EUT Exercise Software

1	Setup the EUT as shown in Section 1.4.
2	Execute the command on the laptop.
3	Configure the test mode, the test channel, and the data rate.
4	Press "Start TX" to start the continuous transmitting.
5	Verify that the EUT works properly.

## 1.6. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual	Test Site
Temperature (°C)	Output Power 、 Output Power Tolerance and E.I.R.P	15 - 35	25	3
Humidity (%RH)		20 - 75	50	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	Occupied Bandwidth	15 - 35	25	3
Humidity (%RH)		20 - 75	50	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	Spread Bandwidth	15 - 35	25	3
Humidity (%RH)		20 - 75	50	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	Frequency Tolerance	15 - 35	25	3
Humidity (%RH)		20 - 75	50	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	Transmitter Spurious Emissions	15 - 35	25	2
Humidity (%RH)		20 - 75	50	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	Receiver Spurious Emissions	15 - 35	25	2
Humidity (%RH)		20 - 75	50	
Barometric pressure (mbar)		860 - 1060	950-1000	

Note: Test site information refers to Laboratory Information.

The related certificate for our laboratories about the test site and management system can be downloaded from DEKRA Testing and Certification Co., Ltd. Web Site:

<http://www.dekra.com.tw/english/about/certificates.aspx?bval=5>

The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site : [http://www.dekra.com.tw/index\\_en.aspx](http://www.dekra.com.tw/index_en.aspx)

If you have any comments, Please don't hesitate to contact us. Our test sites as below:

- No. 75-2, 3rd Lin, WangYe Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan (R.O.C.)  
TEL:+886-3-592-8858 / FAX:+886-3-592-8859 E-Mail : [info.tw@dekra.com](mailto:info.tw@dekra.com)
- No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.  
TEL: +886-3-582-8001 / FAX: +886-3-582-8958 E-Mail : [info.tw@dekra.com](mailto:info.tw@dekra.com)
- No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.  
TEL: +886-3-582-8001 / FAX: +886-3-582-8958 E-Mail : [info.tw@dekra.com](mailto:info.tw@dekra.com)

## 1.7. List of Test Equipment

### Output Power, Output Power Tolerance and E.I.R.P /SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/05	2019/03/04
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/07/26	2018/07/25

### Occupied Bandwidth /SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/05	2019/03/04
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/07/26	2018/07/25

### Spread Bandwidth / SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/05	2019/03/04
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/07/26	2018/07/25

### Frequency Tolerance /SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/05	2019/03/04
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/07/26	2018/07/25

### Transmitter Spurious Emissions /SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/05	2019/03/04
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/07/26	2018/07/25

### Receiver Spurious Emissions /SR10-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/10	2019/01/09
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2018/03/05	2019/03/04
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/07/26	2018/07/25

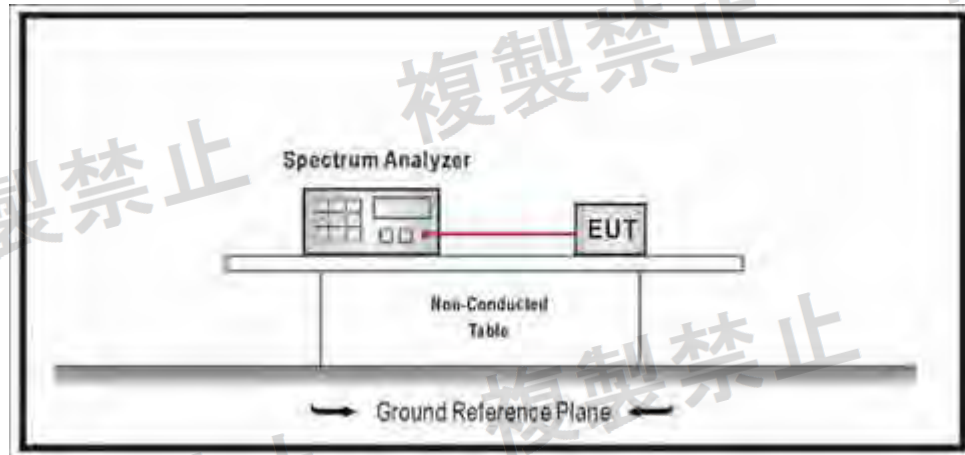
Note: All equipment upon which need to calibrated are with calibration period of 1 year.

**1.8. Measurement Uncertainty**

Test Item	Uncertainty
Output Power 、 Output Power Tolerance and E.I.R.P	$\pm 1.27$ dB
Occupied Bandwidth	$\pm 50$ kHz
Spread Bandwidth	$\pm 50$ kHz
Frequency Tolerance	$\pm 50$ kHz
Transmitter Spurious Emissions	$\pm 3.19$ dB
Receiver Spurious Emissions	$\pm 3.19$ dB

## 2. Output Power 、 Output Power Tolerance and E.I.R.P

### 2.1. Test Setup



### 2.2. Limits

#### Output Power:

For 20MHz Bandwidth:  $\leq 10\text{mW/MHz}$

For 40MHz Bandwidth:  $\leq 5\text{mW/MHz}$

Output Power Tolerance: +20% to -80%

#### EIRP:

For 20MHz Bandwidth:  $\leq 12.14\text{dBm/MHz}$

For 40MHz Bandwidth:  $\leq 9.13\text{dBm/MHz}$

### 2.3. Test Procedure

The output power shall be determined using a spectrum analyzer of adequate bandwidth for the type of modulation being used in combination with an RF power meter.

Connect an RF power meter to the IF output of the spectrum analyzer and correct its reading using a known reference source.

The above procedure shall be repeated for each of the three frequencies identified by the procedure given in limit.

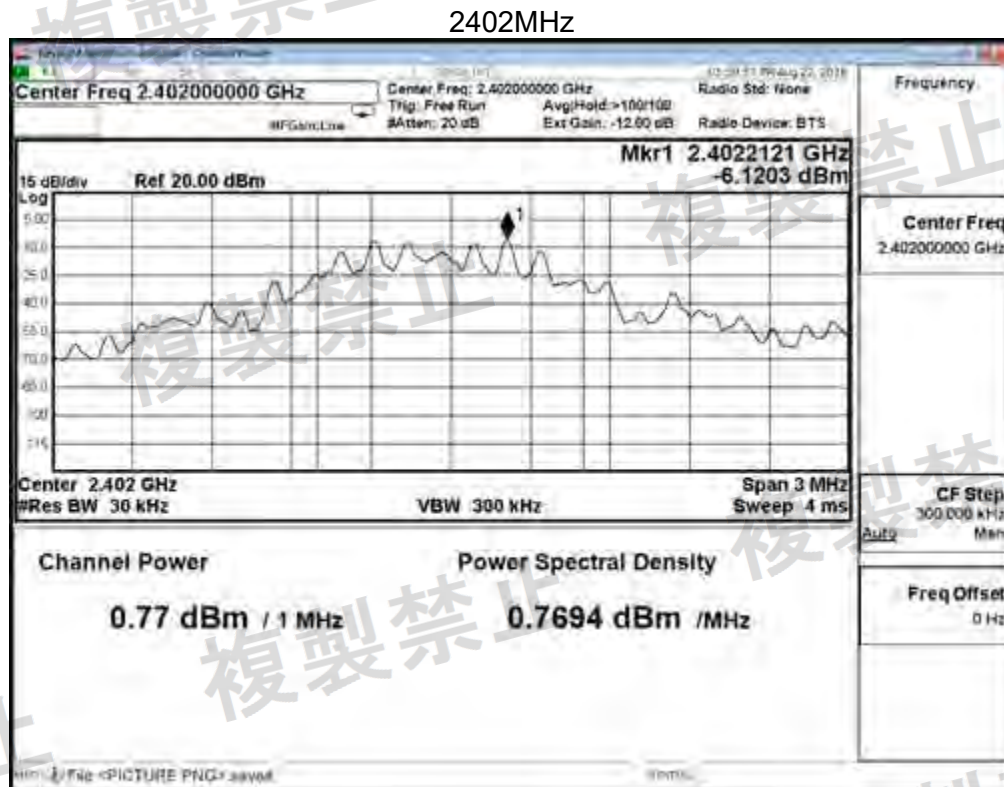
Where the spectrum analyzer bandwidth is non-Gaussian, a suitable correction factor shall be determined and applied.

Where a spectrum analyzer is equipped with a facility to measure power density, this facility may be used instead of the above procedure.

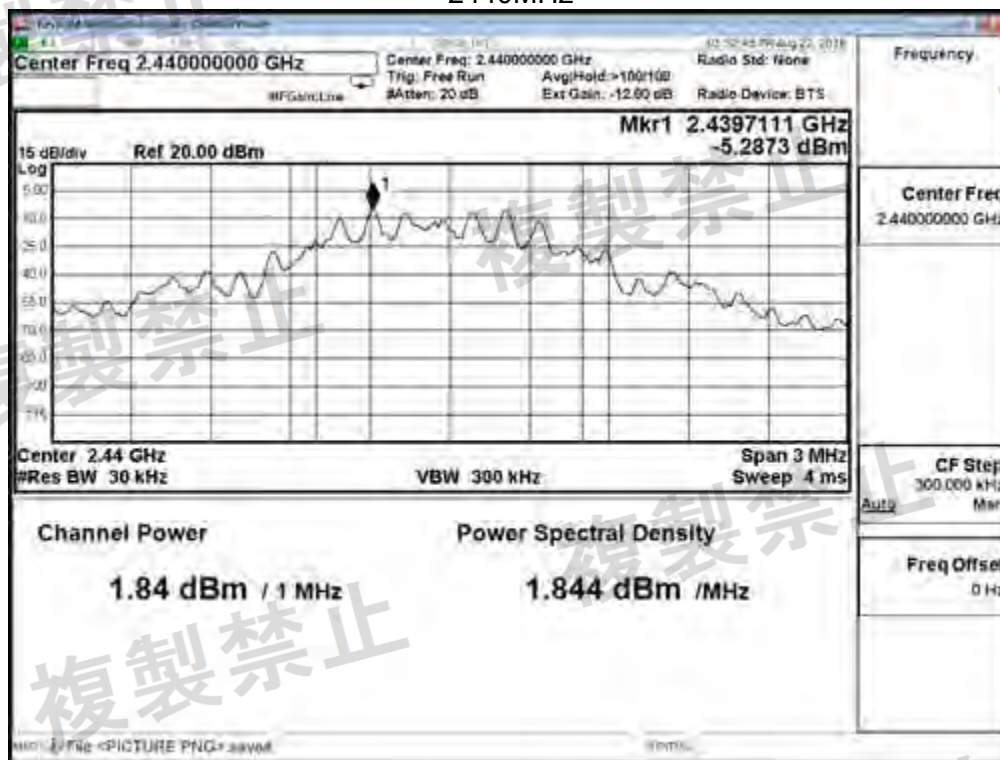
## 2.4. Test Result of Output Power

Product	Wireless-AC2200 Tri Band Gigabit Router		
Test Item	Output Power		
Test Mode	Mode 1: Transmit		
Date of Test	2018/08/22	Test Site	SR10-H

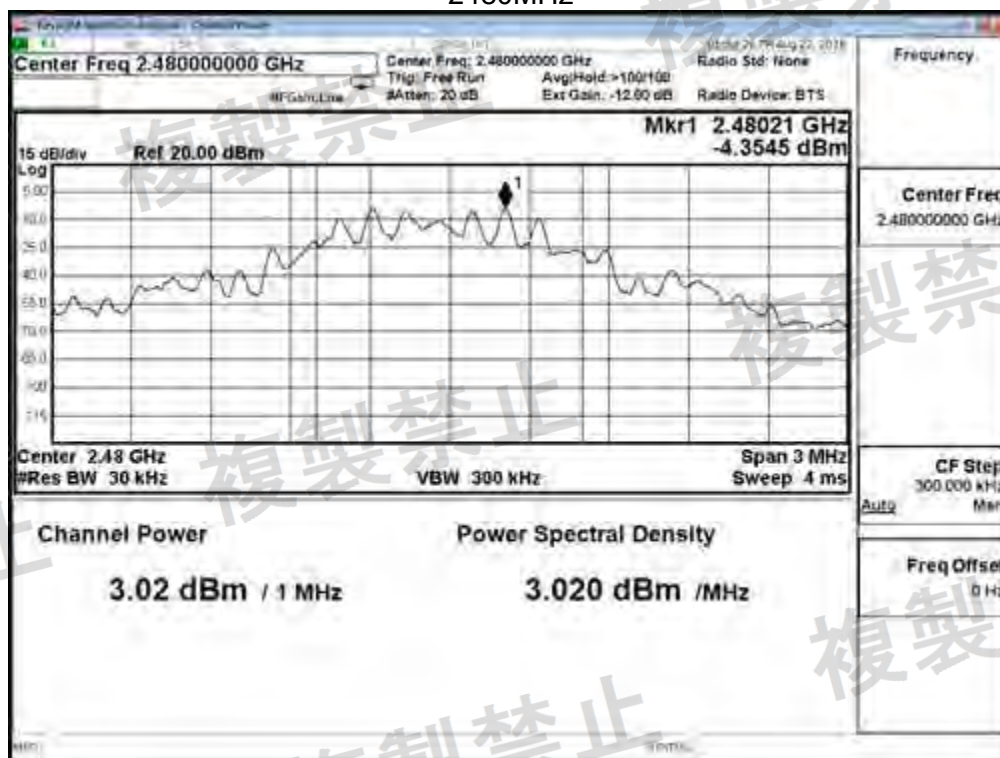
GFSK			
Frequency (MHz)	Real Value (dBm/MHz)	Output Power (mW)	Limit (mW)
2402	0.769	1.194	10
2440	1.844	1.529	10
2480	3.020	2.004	10



2440MHz



2480MHz



## 2.5. Test Result of Output Power Tolerance

Product	Wireless-AC2200 Tri Band Gigabit Router		
Test Item	Output Power Tolerance		
Test Mode	Mode 1: Transmit		
Date of Test	2018/08/22	Test Site	SR10-H

GFSK				
Frequency (MHz)	Declared Output Power (mW/MHz)	Output Power (mW)	Tolerance (%)	Limit (mW)
2402	2	1.194	-40.31%	+20% to -80%
2440	2	1.529	-23.55%	+20% to -80%
2480	2	2.004	0.22%	+20% to -80%

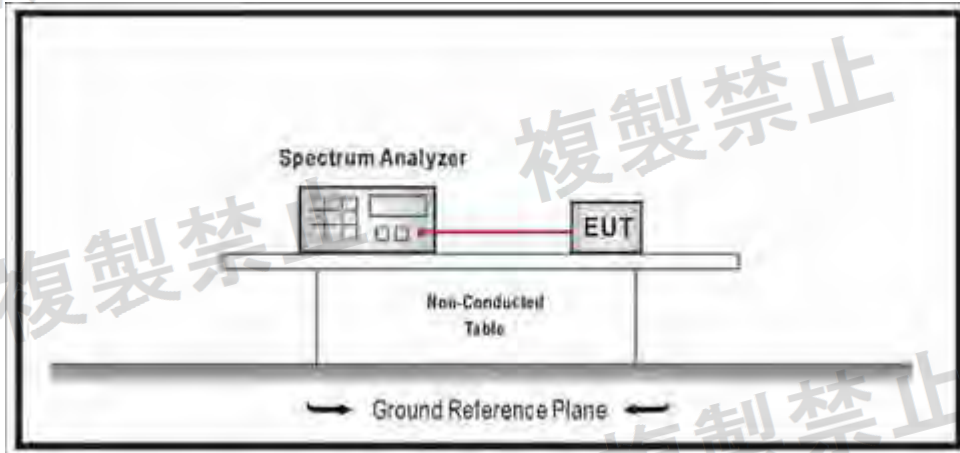
## 2.6. Test Result of E.I.R.P

Product	Wireless-AC2200 Tri Band Gigabit Router		
Test Item	EIRP		
Test Mode	Mode 1: Transmit		
Date of Test	2018/08/22	Test Site	SR10-H

GFSK			
Frequency (MHz)	Output Power (dBm/MHz)	Real Value (dBm/MHz)	Limit (dBm/MHz)
2402	0.769	2.729	12.140
2440	1.844	3.804	12.140
2480	3.020	4.980	12.140

### 3. Occupied Bandwidth

#### 3.1. Test Setup



#### 3.2. Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- A positive peak detector function must be used.
- A measurement instrument with an integrated 90% power bandwidth function may be used to automate the test process.
- The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slowly, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

#### 3.3. Limits

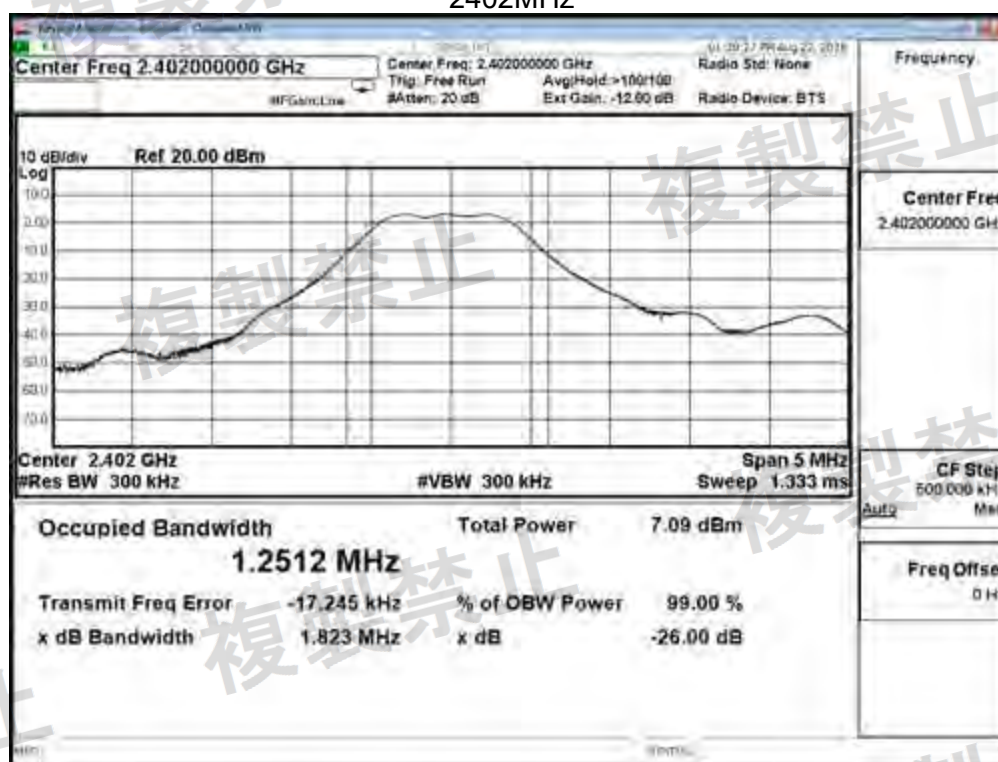
$\leq 26\text{MHz}$  for DSSS,  $\leq 83.5\text{MHz}$  for FHSS

### 3.4. Test Result of Occupied Bandwidth

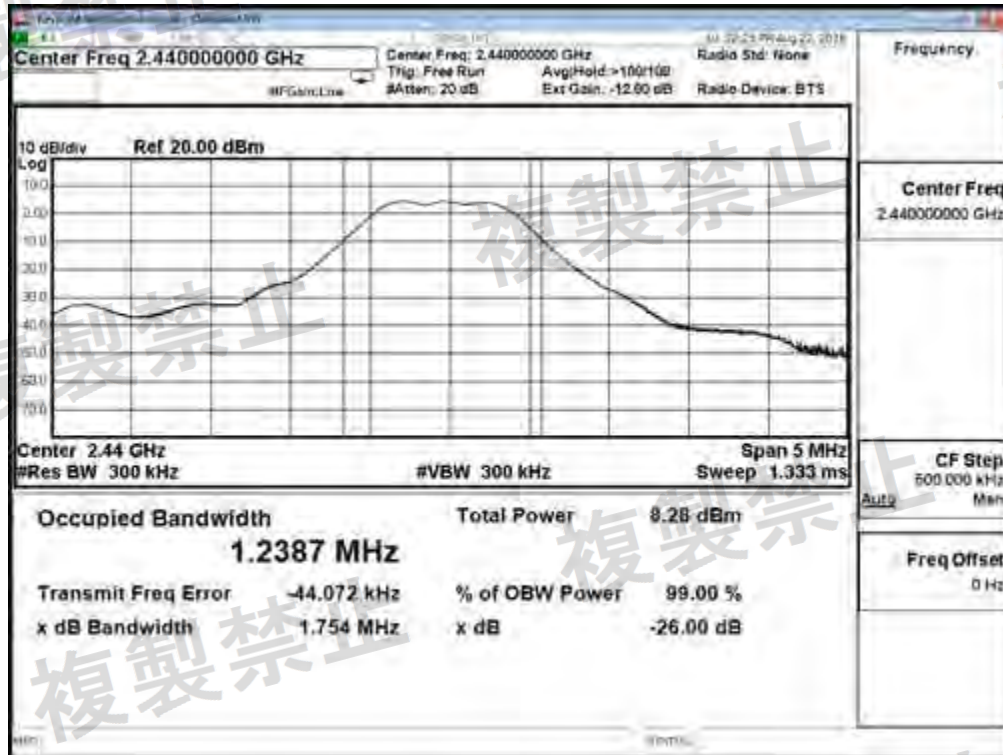
Product	Wireless-AC2200 Tri Band Gigabit Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2018/08/22	Test Site	SR10-H

GFSK		
Frequency (MHz)	Reading Value (MHz)	Limit (MHz)
2402	1.251	$\leq 26$
2440	1.239	$\leq 26$
2480	1.237	$\leq 26$

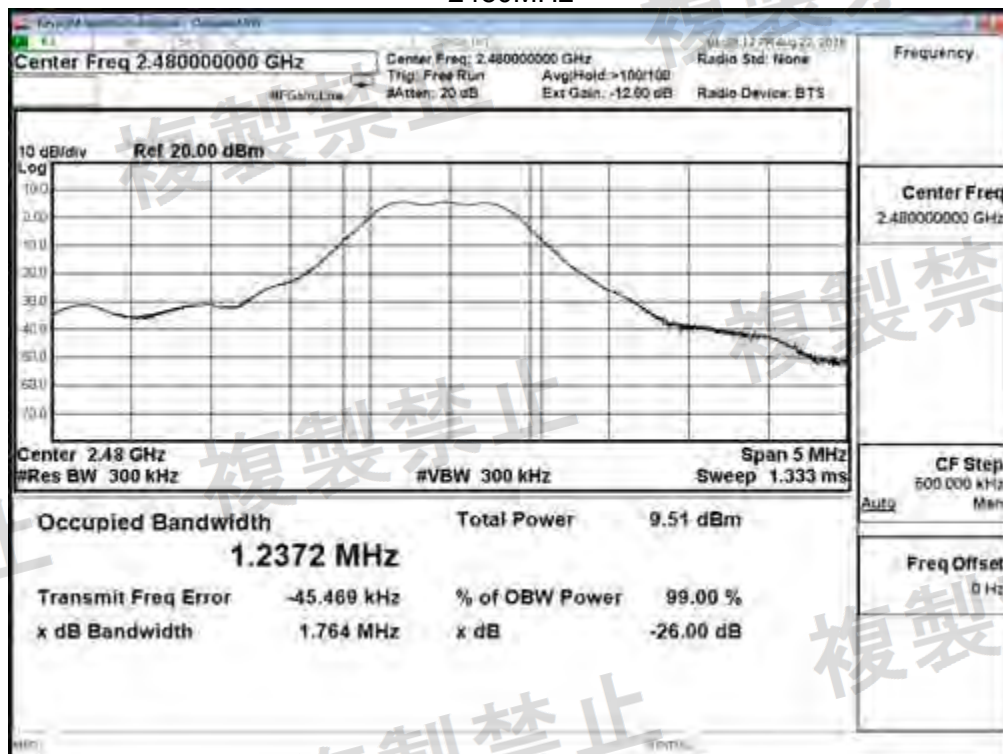
2402MHz



2440MHz

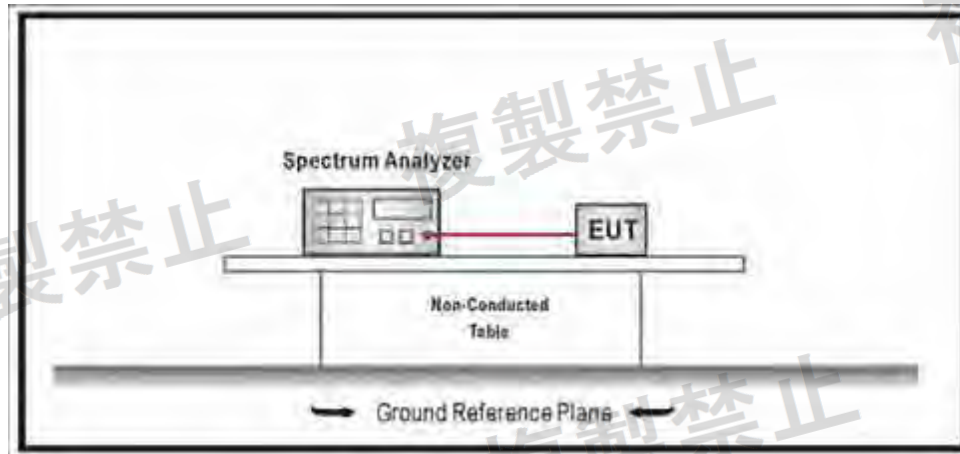


2480MHz



#### 4. Spread Bandwidth

##### 4.1. Test Setup



##### 4.2. Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- (e) A positive peak detector function must be used.
- (f) A measurement instrument with an integrated 90% power bandwidth function may be used to automate the test process.
- (g) The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slowly, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (h) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

##### 4.3. Limits

Spread Bandwidth  $\geq 500$  kHz

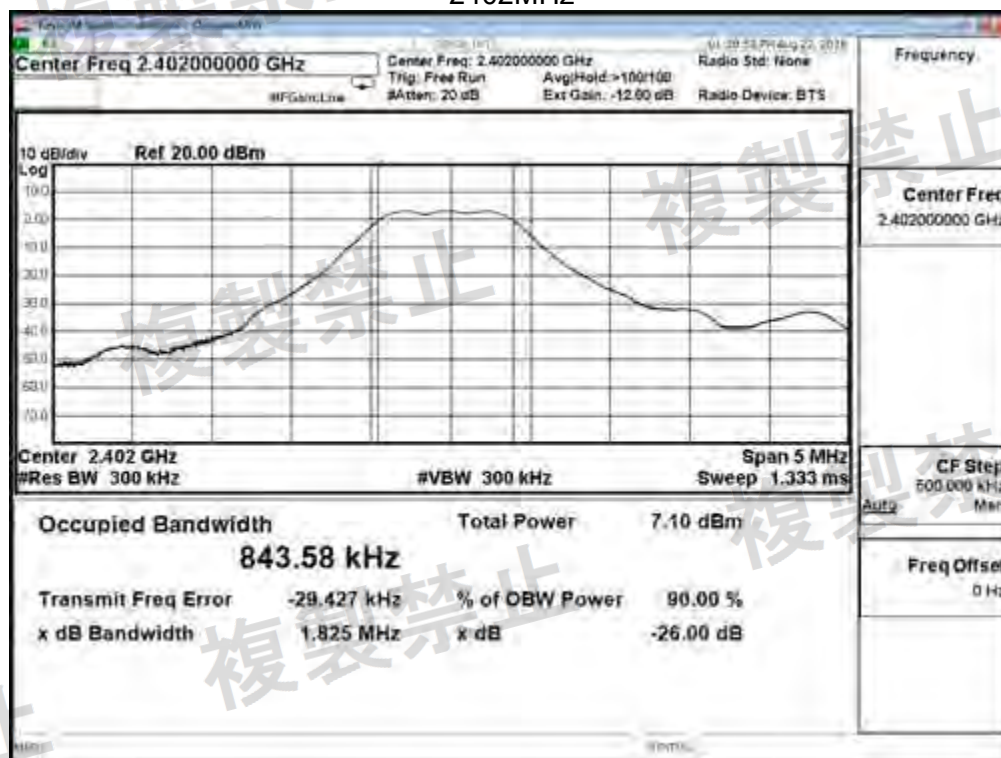
Spread Factor  $\geq 5$  for 2400 ~ 2483.5 MHz

#### 4.4. Test Result of Spread Bandwidth

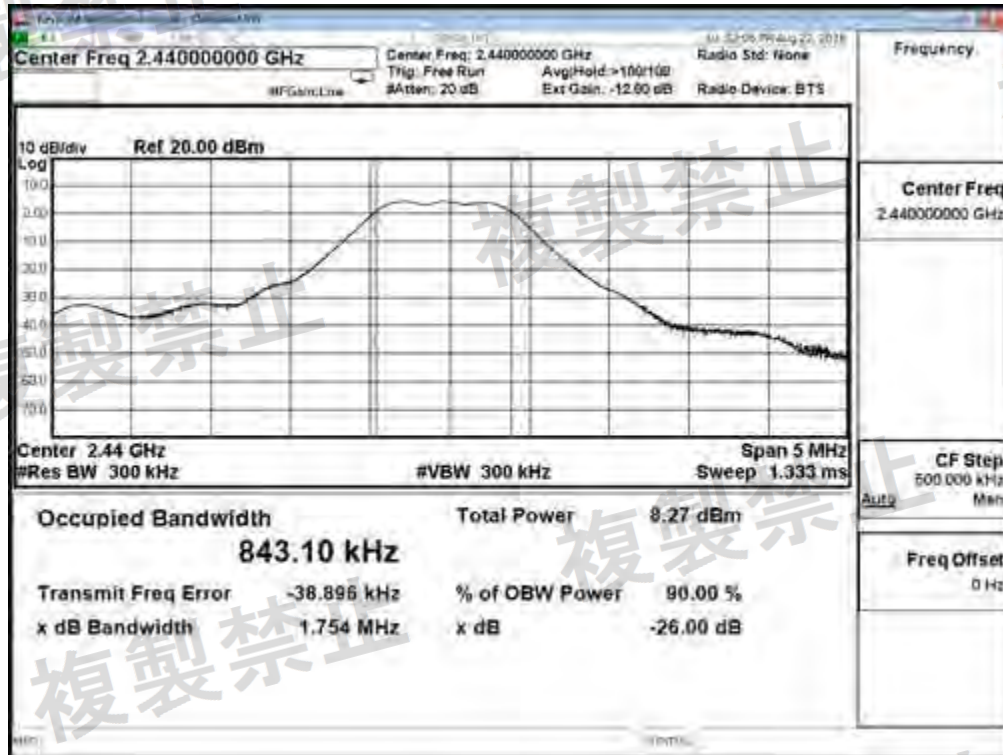
Product	Wireless-AC2200 Tri Band Gigabit Router		
Test Item	Spread Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2018/08/22	Test Site	SR10-H

GFSK		
Frequency (MHz)	Reading Value (MHz)	Limit (MHz)
2402	0.844	$\geq 0.5$
2440	0.843	$\geq 0.5$
2480	0.844	$\geq 0.5$

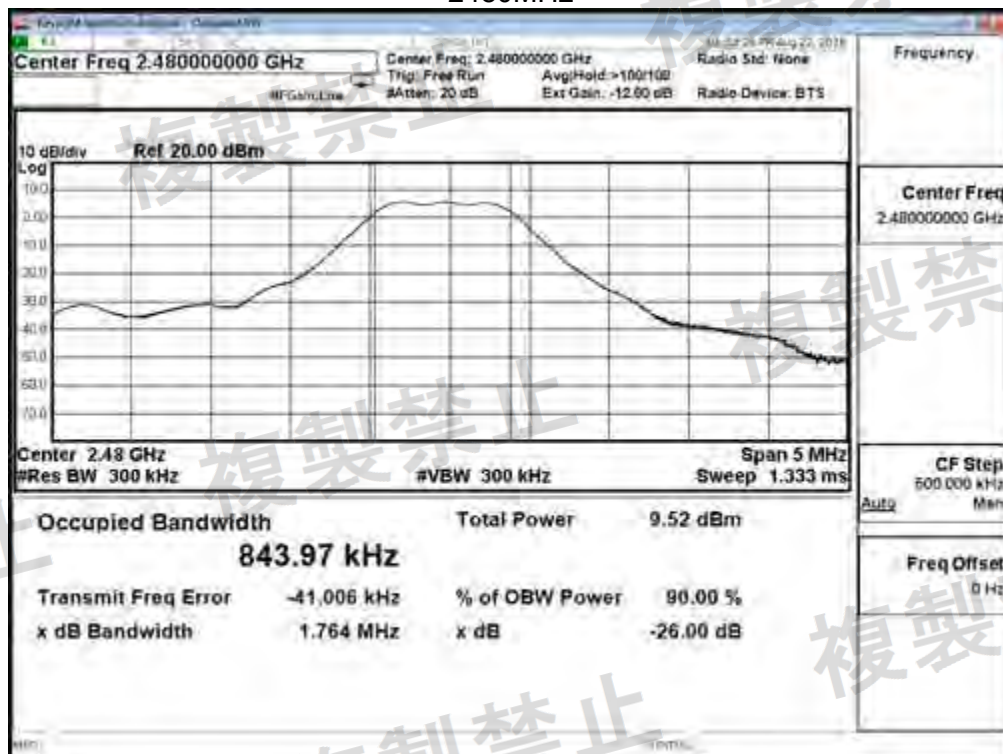
2402MHz



2440MHz

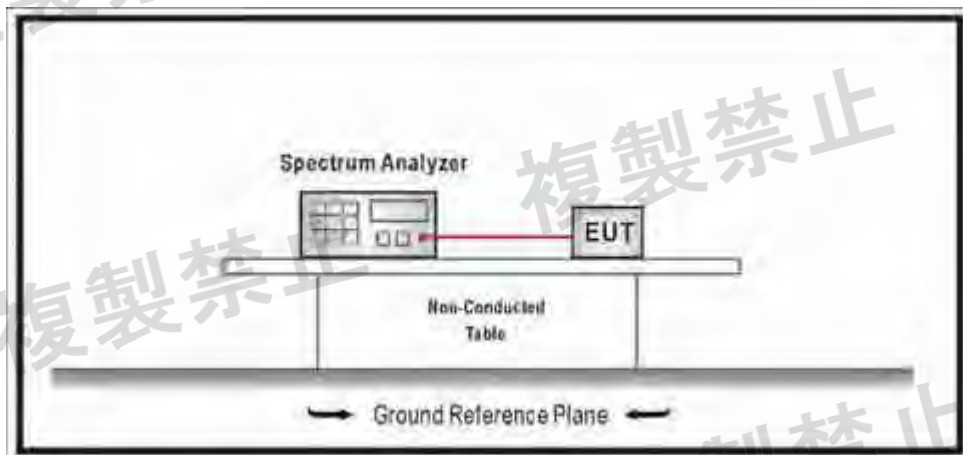


2480MHz



## 5. Frequency Tolerance

### 5.1. Test Setup



### 5.2. Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- (a) A positive peak detector function must be used.
- (b) The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slowly, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (c) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

### 5.3. Limits

$\leq \pm 50$  ppm

#### 5.4. Test Result of Frequency Tolerance

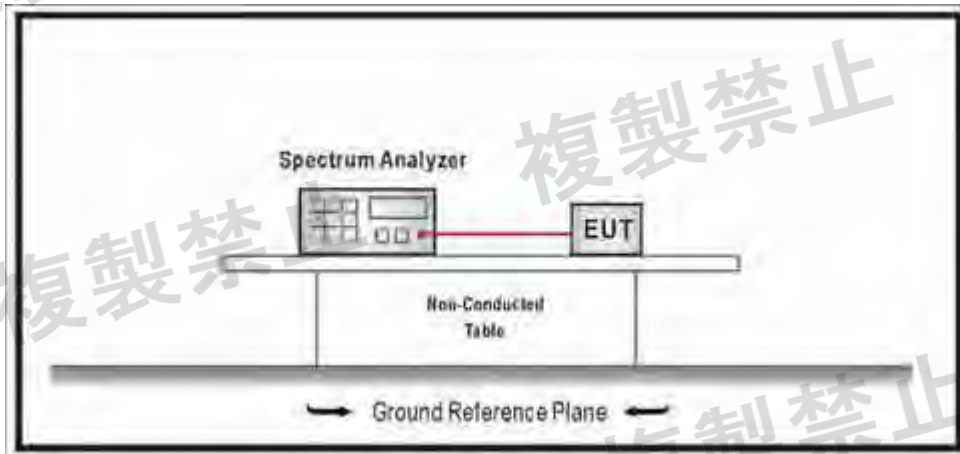
Product	Wireless-AC2200 Tri Band Gigabit Router		
Test Item	Frequency Tolerance		
Test Mode	Mode 1: Transmit		
Date of Test	2018/08/22	Test Site	SR10-H

GFSK				
Frequency (MHz)	Working Voltage (V)	Reading Value (MHz)	Tolerance (ppm)	Limit (ppm)
2402	90	2401.975250	-10.303913	±50
	100	2401.975500	-10.199833	
	110	2401.975750	-10.095754	
2440	90	2439.953250	-19.159836	
	100	2439.953000	-19.262295	
	110	2439.953000	-19.262295	
2480	90	2479.951250	-19.657258	
	100	2479.951500	-19.556452	
	110	2479.951000	-19.758065	

$$FT(ppm) = \{ (RF-MF) / MF \} * 1000000$$

## 6. Transmitter Spurious Emissions

### 6.1. Test Setup



### 6.2. Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- (a) A positive peak detector function must be used.
- (b) The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (c) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

### 6.3. Limits

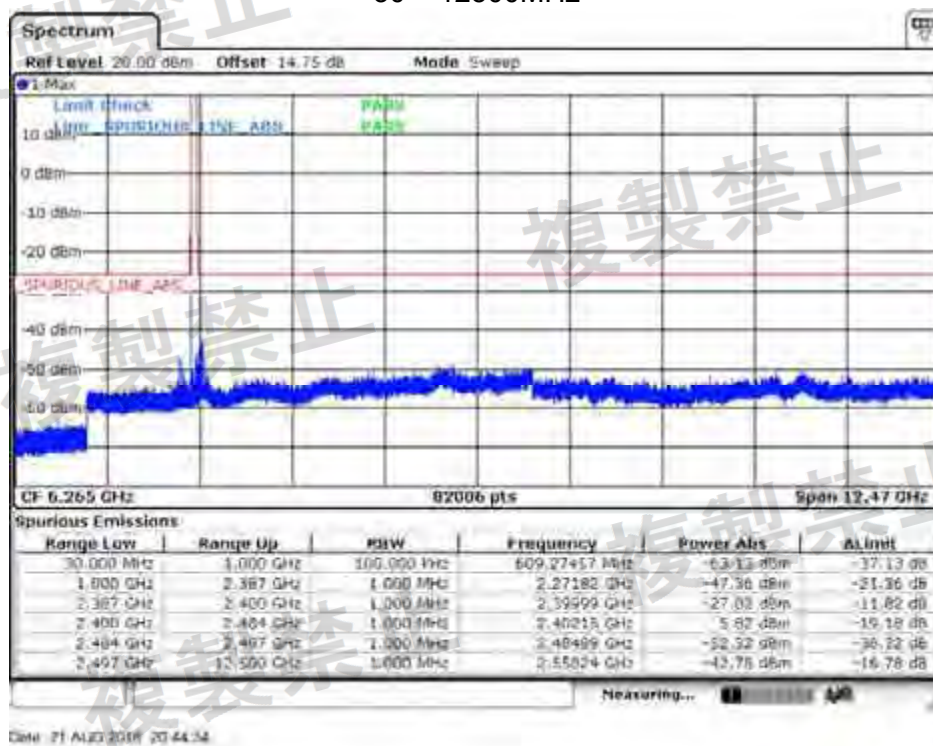
- $\leq 2.5\mu\text{W}$  for 30 – 2387 MHz
- $\leq 25\mu\text{W}$  for 2387 – 2400 MHz
- $\leq 25\mu\text{W}$  for 2483.5 – 2496.5 MHz
- $\leq 2.5\mu\text{W}$  for 2496.5 – 12500 MHz

#### 6.4. Test Result of Transmitter Spurious Emissions

Product	Wireless-AC2200 Tri Band Gigabit Router		
Test Item	Transmitter Spurious Emissions		
Test Mode	Mode 1: Transmit		
Date of Test	2018/08/21	Test Site	SR10-H

2402MHz

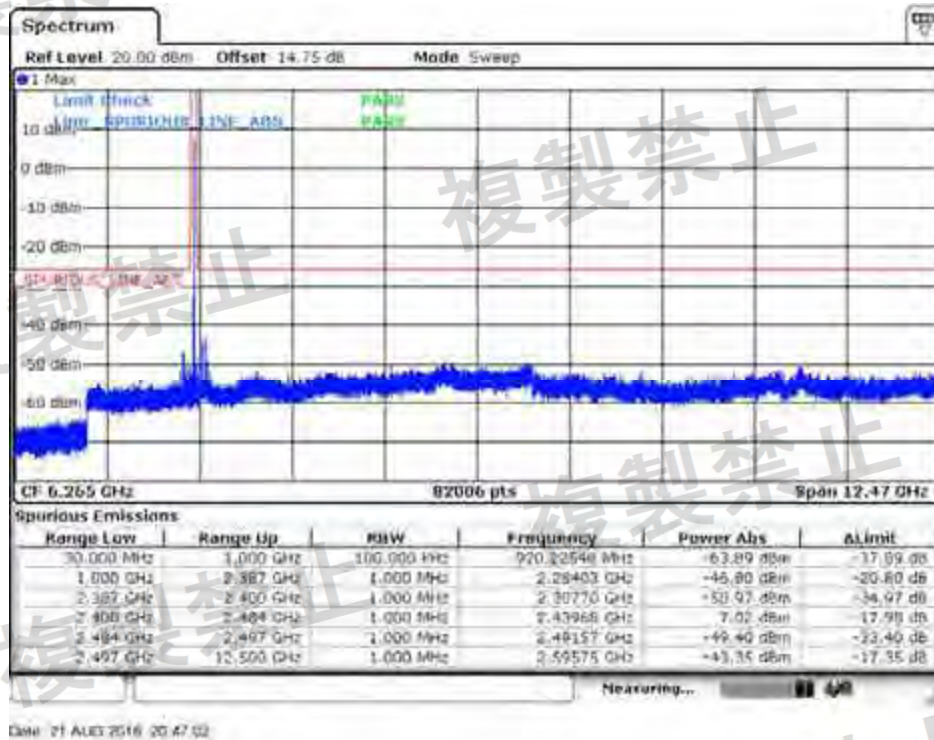
30 – 12500MHz



The search value is under the technical standard value, do not need to measure by measuring mode.

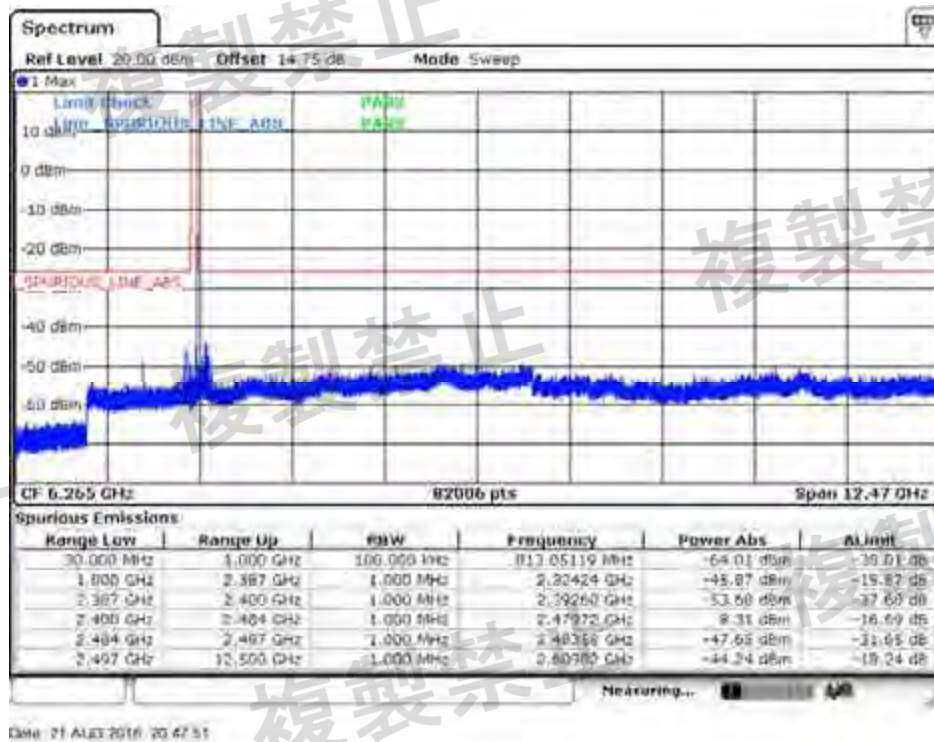
2440MHz

30 – 12500MHz



2480MHz

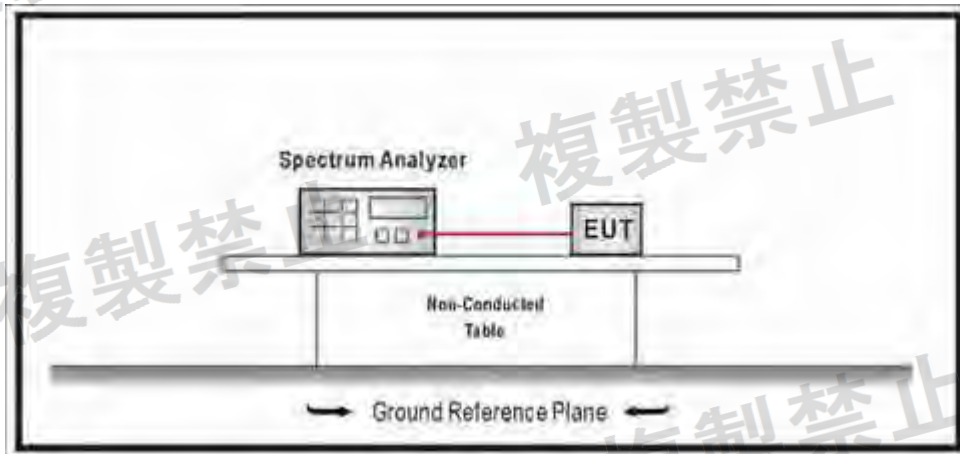
30 – 12500MHz



The search value is under the technical standard value, do not need to measure by measuring mode.

## 7. Receiver Spurious Emissions

### 7.1. Test Setup



### 7.2. Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- (a) A positive peak detector function must be used.
- (b) The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slowly, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (c) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

### 7.3. Limits

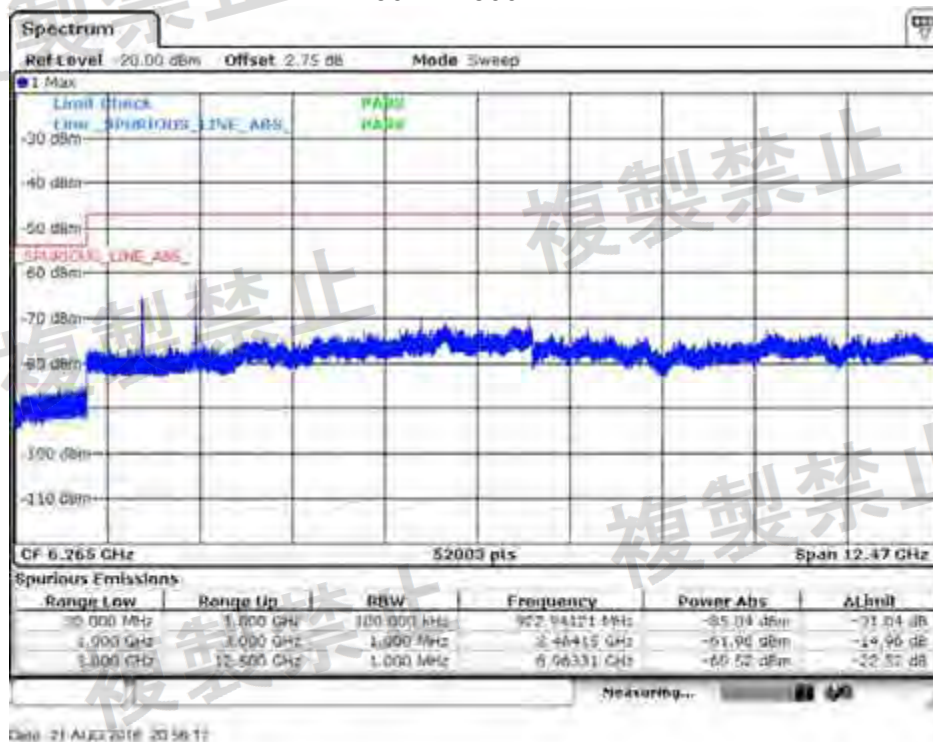
- $\leq 4\text{nW}$  for 30 – 1000 MHz
- $\leq 20\text{nW}$  for 1000 – 3000 MHz
- $\leq 20\text{nW}$  for 3000 – 12500 MHz

#### 7.4. Test Result of Receiver Spurious Emissions

Product	Wireless-AC2200 Tri Band Gigabit Router		
Test Item	Receiver Spurious Emissions		
Test Mode	Mode 2: Receiver		
Date of Test	2018/08/21	Test Site	SR10-H

2402MHz

30 – 12500MHz



The search value is under the technical standard value, do not need to measure by measuring mode

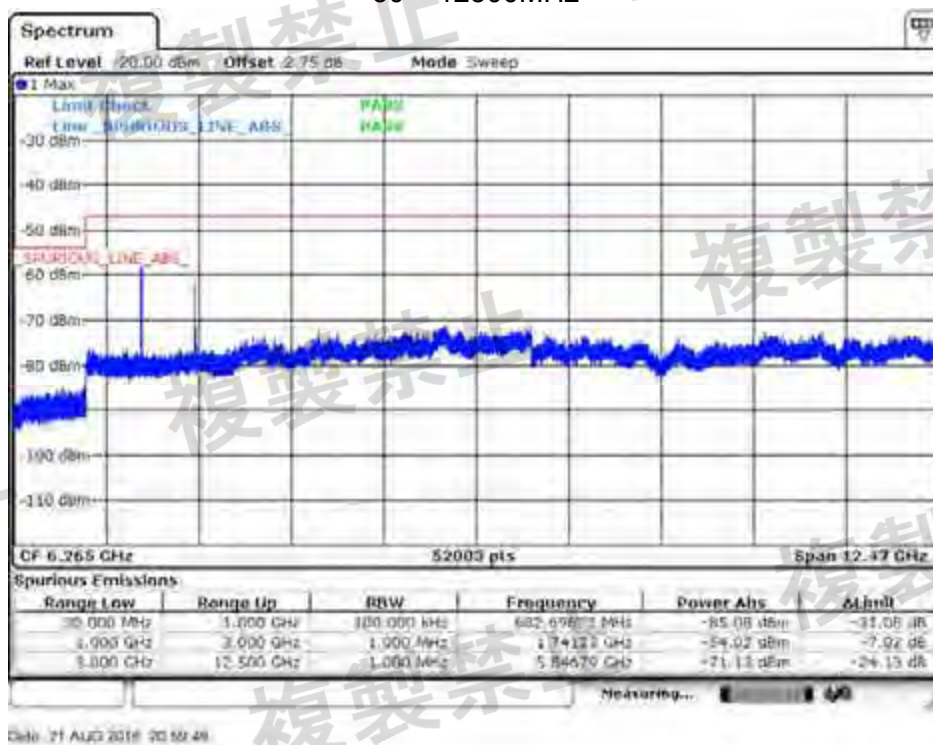
2440MHz

30 – 12500MHz



2480MHz

30 – 12500MHz



The search value is under the technical standard value, do not need to measure by measuring mode

## 8. EMI Reduction Method During Compliance Testing

No modification was made during testing.