

# **TEST REPORT**

Product Name : TFT DASHBOARD

Model Number: 351000-P15A

FCC ID : 2BEZV-351000-P15A

Prepared for : Taizhou Zhongneng Motorcycle Co., Ltd.

Address : Building 8, 99 haixiu Road, Eastern New District, Taizhou

Bay New District, Taizhou City, Zhejiang Province, P.R.

China

Prepared by : EMTEK (NINGBO) CO., LTD.

Address : No. 8, Building 8, Lane 216, Qingyi Road, Hi-Tech Zone,

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Report Number : ENB2312200251W00301R

Date(s) of Tests : December 20, 2023 to March 28, 2024

Date of issue: April 10, 2024

Report No. ENB2312200251W00301R

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### 1 TEST RESULT CERTIFICATION

Applicant : Taizhou Zhongneng Motorcycle Co., Ltd.

Address : Building 8, 99 haixiu Road, Eastern New District, Taizhou Bay New District,

Taizhou City, Zhejiang Province, P.R. China

Manufacturer : Ningbo Boxin Electric Appliance Co., Ltd

Address : 89 Zhenxing West Road, Economic Development Zone, Yuyao City, Zhejiang

Province

EUT : TFT DASHBOARD

Model Name : 351000-P15A

Trademark : 博尔旭 <sup>®</sup> Boerwo

#### Measurement Procedure Used:

APPLICABLE STANDARDS			
STANDARD	TEST RESULT		
FCC 47 CFR Part 2, Subpart J FCC 47 CFR Part 15, Subpart E	PASS		

The above equipment was tested by EMTEK (NINGBO) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules Part 2 and Part 15.407

The test results of this report relate only to the tested sample identified in this report.

Date of Test:	December 20, 2023 to March 28, 2024
Prepared by :	June Crao
<u> </u>	June Gao /Engineer
Reviewer : _	Vinay /Supervisor
Approve & Authorized Signer :	Tony Wei/Manager



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# **2 EUT TECHNICAL DESCRIPTION**

Characteristics	Description
Product:	TFT DASHBOARD
Model Number:	351000-P15A
Sample Number:	ENB2312200251W003-1-1
Wifi Type:	Wifi 5G with 5150MHz-5250MHz Band Wifi 5G with 5725MHz-5850MHz Band
WLAN Supported:	<ul> <li>⊠802.11a</li> <li>⊠802.11n(20MHz channel bandwidth)</li> <li>⊠802.11n(40MHz channel bandwidth)</li> <li>⊠802.11ac(20MHz channel bandwidth)</li> <li>⊠802.11ac(40MHz channel bandwidth)</li> <li>⊠802.11ac(80MHz channel bandwidth)</li> </ul>
Data Rate :	802.11a:54/48/36/24/18/12/9/6 Mbps 802.11n:up to 150 Mbps 802.11ac:up to 433.3 Mbps
Modulation:	OFDM with BPSK/QPSK/16QAM/64QAM for 802.11a/n/ac
Frequency Range:	UNII-1: 5150MHz-5250MHz Band 5180-5240MHz for 802.11a/n(HT20)/ac(HT20); 5190-5230MHz for 802.11n(HT40)/ac(HT40); 5210MMHz for 802.11ac(HT80)  UNII-3 with 5725MHz-5850MHz Band
	5745-5825MHz for 802.11a/n(HT20) /ac(HT20); 5755-5795MHz for 802.11n(HT40) /ac(HT40); 5775MMHz for 802.11ac(HT80)
TPC Function:	Not Applicable
Antenna Type:	Ceramic Antenna
Antenna Gain:	3.0dBi
Transmit Power:	UNII-1 Band: 12.41 dBm UNII-3 Band: 6.86 dBm
Power Supply :	DC 12V
Date of Received:	December 20, 2023
Temperature Range:	-30°C ~ +80°C

Note: for more details, please refer to the User's manual of the EUT.



# 3 SUMMARY OF TEST RESULT

FCC Part Clause	Test Parameter	Verdict	Remark
15.407 (a) 15.407 (e)	99% , 6dB and 26dB Bandwidth	PASS	
15.407 (a)	Maximum Conducted Output Power	PASS	
15.407 (a)	Peak Power Spectral Density	PASS	
15.407 (b)	Radiated Spurious Emission	PASS	
15.407(g)	Frequency Stability	PASS	
15.407 (b)(6) 15.207	Power Line Conducted Emission	PASS	
15.407(a) 15.203	Antenna Application	PASS	

NOTE1: N/A (Not Applicable)

NOTE2: According to FCC OET KDB 789033 D2 General UNII Test Procedures New Rules v02r01, In addition, the radiated test is also performed to ensure the emissions emanating from the device cabinet also comply with the applicable limits.

#### RELATED SUBMITTAL(S) / GRANT(S):

This submittal(s) (test report) is intended for FCC ID: 2BEZV-351000-P15A filing to comply with Section 15.407 of the FCC Part 15, Subpart E Rules.



# 4 TEST METHODOLOGY

### 4.1 GENERAL DESCRIPTION OF APPLIED STANDARDS

According to its specifications, the EUT must comply with the requirements of the following standards: FCC 47 CFR Part 2, Subpart J FCC 47 CFR Part 15, Subpart E

FCC KDB 789033 D2 General UNII Test Procedures New Rules v02r01

#### **4.2 MEASUREMENT EQUIPMENT USED**

#### 4.2.1 Radiated Emission Test Equipment

Equ. No.	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
ENE-185	EMI Test Receiver	R&S	ESR7	102480	May 18, 2023	1 Year
ENE-190	Antenna multiple	Schwarzbeck	VULB 9163	01499	May 27, 2022	2 Year
ENE-191	Horn antenna	Schwarzbeck	BBHA 9120 D	02588	May 21, 2022	2 Year
ENE-195	Pre-Amplifier	JS Denki	PA09K03-40	JSPA21019	May 27, 2023	1 Year
ENE-204	Low frequency notch filterRf switching	JS Denki	JSDSW-F	JSDSW2211D 02	May 27, 2023	1 Year
ENE-279	RF cable	Rosenberger	L17-C001-7000	1	June 01, 2023	1 Year
ENE-280	RF cable	Rosenberger	L17-C001-3500	1	June 01, 2023	1 Year
ENE-281	RF cable	Rosenberger	L08-C446-1500	1	June 01, 2023	1 Year
ENE-282- 1	RF cable	Rosenberger	1	1	June 01, 2023	1 Year
ENE-282- 2	RF cable	Rosenberger	1	1	June 01, 2023	1 Year
ENE-171	EXA Signal Analyzer	KEYSIGHT	N9010B	MY60242467	Feb. 28, 2023	1 Year
ENE-171	EYA Signal		N9010B	MY60242467	Feb. 27, 2024	1 Year
ENE-191			BBHA 9120 D	02588	May 21, 2022	2 Year
ENE-198	Pre-amplifier	JS Denki	PA0118-50	JSPA21022	April 28, 2023	1 Year
ENE-193	Horn antenna	Schwarzbeck	BBHA 9170	01190	May 21, 2022	2 Year
ENE-199	Pre-amplifier	JS Denki	PA1840-55	JSPA21023	April 28, 2023	1 Year
ENE-281- 1	RF cable	Rosenberger	LA2-C125-3500	1	May 31, 2023	1 Year
ENE-281- 2	RF cable	Rosenberger	LA2-C125-1500	1	May 31, 2023	1 Year
ENE-281- 3	RF cable	Rosenberger	LU7-C1511-120 0	1	May 31, 2023	1 Year
ENE-285- 1	RF cable	Rosenberger	LA2-C199-6500	1	May 31, 2023	1 Year



ENE-290- 1	RF cable	Schwarzbeck	LA1-C006-4000	1	May 31, 2023	1 Year
ENE-206	High frequency notch filterRf switching	JS Denki	JSDSW-F	202083582	April 28, 2023	1 Year

Note: ENE-171 was calibrated on February 27, 2024, and was not tested on that date.

# 4.2.2 Radio Frequency Test Equipment

Equ. No.	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
ENE-256	EXA Signal Anaalyzer	Keysight	N9010B	MY62060219	July 05, 2023	1 Year
ENE-172	RF Control Unit	Tonscend	JS0806-2(V.6E)	21L8060521	March 01, 2023	1 Year
ENE-172	RF Control Unit	Tonscend	JS0806-2(V.6E)	21L8060521	Feb 27, 2024	1 Year
ENE-092	DC Power Supply	KEFUNA	KDP3603	2004D3062946	July 07, 2023	1 Year

Note: The ENE-172 was calibrated on February 27, 2024, and was not tested on that date.



#### 4.3 DESCRIPTION OF TEST MODES

The EUT has been tested under its typical operating condition.

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

Test of channel included the lowest and middle and highest frequency to perform the test, then record on this report.

Pre-defined engineering program for regulatory testing used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

⊠Wifi 5G with U-NII - 1

Frequency and Channel list for 802.11a/n (HT20) /ac(HT20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220		
40	5200	48	5240		

Frequency and Channel list for 802.11n (HT40) /ac(HT40):

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Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190				
46	5230				

Frequency and Channel list for 802.11 ac(HT80):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	46	5230	1	1

Test Frequency and Channel for 802.11a, 802.11n (HT20) /ac(HT20):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220	48	5240

Test Frequency and channel for 802.11n (HT40) /ac(HT40):

Lowest Frequency		Middle Frequency Highest F		st Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	N/A	N/A	46	5230

Test Frequency and channel for 802.11ac(HT80):

Test requeries and charmer or coz. reac(11100).							
Lowest Frequency		Middle Frequency		Highest Frequency			
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)		
42	5210	/	1	/	1		



#### ⊠Wifi 5G with U-NII - 3

Frequency and Channel list for 802.11a/n (HT20) /ac(HT20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	157	5785	165	5825
153	5765	161	5805		

Frequency and Channel list for 802.11n (HT40) /ac(HT40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755	159	5795		

Frequency and Channel list for 802.11 ac(HT80):

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Channel	Frequency	' (Channel	Frequency	Channel	Frequency		
	(MHz)		(MHz)		(MHz)		
151	575	159	5795				

Test Frequency and Channel for 802.11a, 802.11n (HT20) /ac(HT20):

	est i requeriey and charmer for 602.11td, 602.11tt (11120) /do(11120).							
Lowest Frequency		Middle F	requency	Highest Frequency				
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)		
	149	5745	157	5785	165	5825		

Test Frequency and channel for 802.11n (HT40) /ac(HT40):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755	N/A	N/A	159	5795

Test Frequency and Channel for 802.11 ac(HT80):

	2011 10 que no y anti o manino 101 00 2111 ato (11100).						
Lowest Frequency		Middle F	requency	Highes	st Frequency		
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)		
155	5775						

# **4.4 TEST SOFTWARE**

Item	Software
Radiated Emission:	UI_mptool (V2.0)



# 5 FACILITIES AND ACCREDITATIONS

#### 5.1 FACILITIES

All measurement facilities used to collect the measurement data are located at

No. 8, Building 8, Lane 216, Qingyi Road, Ningbo Hi-Tech Zone, Ningbo, Zhejiang, China The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.10 and CISPR Publication 22.

#### 5.2 LABORATORY ACCREDITATIONS AND LISTINGS

Site Description

EMC Lab. : Accredited by CNAS

The Certificate Registration Number is L6666.

The Laboratory has been assessed and proved to be in compliance

with CNAS-CL01:2018 (identical to ISO/IEC 17025:2017)

**Designation by FCC** 

Designation Number: CN1354

Test Firm Registration Number: 427606

Accredited by A2LA

The certificate is valid until May 31, 2025

**Accredited by Industry Canada** 

The Conformity Assessment Body Identifier is CN0114

Name of Firm : EMTEK (NINGBO) CO., LTD.

Site Location : No. 8, Building 8, Lane 216, Qingyi Road, Ningbo Hi-Tech Zone,

Ningbo, Zhejiang, China

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# **6 TEST SYSTEM UNCERTAINTY**

The following measurement uncertainty levels have been estimated for tests performed on the apparatus:

atus.					
Parameter	Uncertainty				
Radio Frequency	±1x10^-5				
Maximum Peak Output Power Test	±1.0dB				
Conducted Emissions Test	±2.0dB				
Radiated Emission Test	±2.0dB				
Power Density	±2.0dB				
Occupied Bandwidth Test	±1.0dB				
Band Edge Test	±3dB				
All emission, radiated	±3dB				
Antenna Port Emission	±3dB				
Temperature	±0.5°C				
Humidity	±3%				

Measurement Uncertainty for a level of Confidence of 95%



# 7 SETUP OF EQUIPMENT UNDER TEST

#### 7.1 RADIO FREQUENCY TEST SETUP

The WLAN component's antenna ports(s) of the EUT are connected to the measurement instrument per an appropriate attenuator. The EUT is controlled by PC/software to emit the specified signals for the purpose of measurements.



#### 7.2 RADIO FREQUENCY TEST SETUP

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4 dB according to the standards: ANSI C63.10. The test distance is 3m.The setup is according to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 and CAN/CSA-CEI/IEC CISPR 22.

#### Below 30MHz:

The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna (loop antenna). The Antenna should be positioned with its plane vertical at the specified distance from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. The center of the loop shall be 1 m above the ground. For certain applications, the loop antenna plane may also need to be positioned horizontally at the specified distance from the EUT.

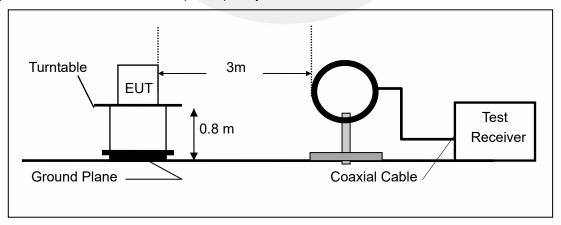
#### Above 30MHz:

The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).

#### Above 1GHz:

(Note: the FCC's permission to use 1.5m as an alternative per TCBC Conf call of Dec. 2, 2014.) The EUT is placed on a turntable 1.5 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).

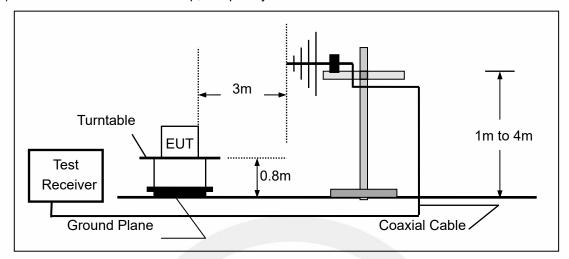
#### (a) Radiated Emission Test Set-Up, Frequency Below 30MHz



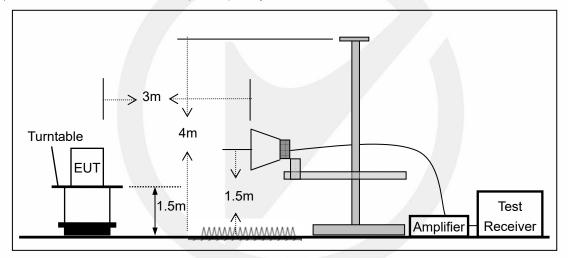
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#### (b) Radiated Emission Test Set-Up, Frequency Below 1000MHz



# (c) Radiated Emission Test Set-Up, Frequency above 1000MHz



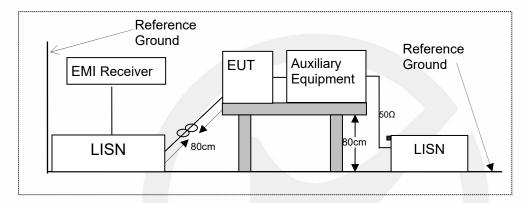


#### 7.3 CONDUCTED EMISSION TEST SETUP

The mains cable of the EUT (maybe per AC/DC Adapter) must be connected to LISN. The LISN shall be placed 0.8 m from the boundary of EUT and bonded to a ground reference plane for LISN mounted on top of the ground reference plane. This distance is between the closest points of the LISN and the EUT. All other units of the EUT and associated equipment shall be at least 0.8m from the LISN.

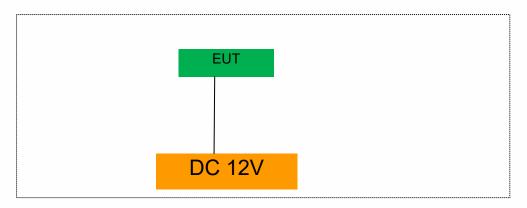
Ground connections, where required for safety purposes, shall be connected to the reference ground point of the LISN and, where not otherwise provided or specified by the manufacturer, shall be of same length as the mains cable and run parallel to the mains connection at a separation distance of not more than 0.1 m.

According to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode.





# 7.4 BLOCK DIAGRAM CONFIGURATION OF TEST SYSTEM



# 7.5 SUPPORT EQUIPMENT

EUT Cable List and Details						
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite			
1	1	1	1			

Auxiliary Cable List and Details						
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite			
1	1	1	1			

Auxiliary Equipment List and Details							
Description	Manufacturer	Model	Serial Number				
1	1	1	1				

#### Notes:

- 1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.



# **8 TEST REQUIREMENTS**

#### 8.1 BANDWIDTH MEASUREMENT

#### 8.1.1 Applicable Standard

According to FCC Part 15.407(a)(1) for UNII Band I

According to FCC Part 15.407(a)(2) for UNII Band II-A and UNII Band II-C

According to FCC Part 15.407(a)(3) for UNII Band III

According to FCC Part 15.407(e) for UNII Band III

According to 789033 D02 Section II(C)

According to 789033 D02 Section II(D)

#### 8.1.2 Conformance Limit

- (1) For the band 5.15-5.25 GHz.
- (iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- (2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- (3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
- (e) Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

#### 8.1.3 Test Configuration

Test according to clause 6.1 radio frequency test setup

#### 8.1.4 Test Procedure

According to 789033 D02 v02r01 section C&D, the following is the measurement procedure.

- 1. Emission Bandwidth (EBW)
- a) Set RBW = approximately 1% of the emission bandwidth.
- b) Set the VBW > RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Measure the maximum width of the emission that is 26 dB down from the maximum of the emission.



Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

2. Minimum Emission Bandwidth for the band 5.725-5.85 GHz

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW)  $\geq$  3  $\times$  RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described above.

#### D. 99 Percent Occupied Bandwidth

The 99-percent occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5 % of the total mean power of the given emission. Measurement of the 99-percent occupied bandwidth is required only as a condition for using the optional band-edge measurement techniques described in section II.G.3.d). Measurements of 99-percent occupied bandwidth may also optionally be used in lieu of the EBW to 789033 D02 v01r02 General UNII Test Procedures New Rules v01 define the minimum frequency range over which the spectrum is integrated when measuring maximum conducted output power as described in section II.E. However, the EBW must be measured to determine bandwidth dependent limits on maximum conducted output power in accordance with 15.407(a).

The following procedure shall be used for measuring (99 %) power bandwidth:

- 1. Set center frequency to the nominal EUT channel center frequency.
- 2. Set span = 1.5 times to 5.0 times the OBW.
- 3. Set RBW = 1 % to 5 % of the OBW
- 4. Set VBW ≥ 3 RBW
- 5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- 6. Use the 99 % power bandwidth function of the instrument (if available).
- 7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

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# 8.1.5 Test Results

Temperature:	18°C		
Relative Humidity:	50%		
ATM Pressure:	1011 mbar		

Note: N/A

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	35.360	5163.280	5198.640	PASS
	Ant1	5220	34.360	5183.240	5217.600	PASS
	Ant1	5240	34.720	5223.120	5257.840	PASS
	Ant1	5745	20.680	5734.640	5755.320	PASS
	Ant1	5785	20.920	5774.520	5795.440	PASS
	Ant1	5825	20.640	5814.520	5835.160	PASS
11N20SISO	Ant1	5180	35.520	5162.080	5197.600	PASS
	Ant1	5220	36.520	5182.640	5219.160	PASS
	Ant1	5240	36.760	5222.040	5258.800	PASS
1111203130	Ant1	5745	21.240	5734.400	5755.640	PASS
	Ant1	5785	21.480	5774.200	5795.680	PASS
	Ant1	5825	21.280	5814.320	5835.600	PASS
	Ant1	5190	74.960	5154.480	5229.440	PASS
11N40SISO	Ant1	5230	77.120	5192.080	5269.200	PASS
	Ant1	5755	42.000	5733.880	5775.880	PASS
	Ant1	5795	41.600	5774.040	5815.640	PASS
11AC20SISO	Ant1	5180	33.760	5164.200	5197.960	PASS
	Ant1	5200	33.480	5184.160	5217.640	PASS
	Ant1	5240	37.280	5221.640	5258.920	PASS
	Ant1	5745	21.120	5734.480	5755.600	PASS
	Ant1	5785	21.640	5774.280	5795.920	PASS
	Ant1	5825	21.200	5814.280	5835.480	PASS
11AC40SISO	Ant1	5190	79.280	5150.640	5229.920	PASS
	Ant1	5230	77.360	5192.400	5269.760	PASS
	Ant1	5755	43.600	5732.840	5776.440	PASS
	Ant1	5795	42.240	5773.880	5816.120	PASS
11AC80SISO	Ant1	5210	149.120	5140.400	5289.520	PASS
	Ant1	5775	83.040	5733.720	5816.760	PASS



