



CERT #5473.03

No.:
TELECSZ2026-0009-RF2

TEST REPORT

NAME OF SAMPLE : EBO Mini Sport FamilyBot

APPLICANT : WeHome Technology Company Limited

CLASSIFICATION OF TEST : COMMISSION TEST

CVC Testing Technology (Shenzhen) Co., Ltd.



Applicant	WeHome Technology Company Limited	
Address	Room 12A, Kiu Fu Comm Building, 300 Lockhart Road, Wan Chai, Hong Kong	
Manufacturer	Fuzhi Technology (Shenzhen) Co., Ltd.	
Address	Building 10, Room 401, Qianhai Shenzhen-Hong Kong Youth Innovation and Entrepreneur Hub, No. 35 Qianwan 1st Road, Nanshan Street, Shenzhen, Guangdong, China	
Product Name	EBO Mini Sport FamilyBot	
Brand Name	Enabot	
Model Name	EBO Mini Sport	
Additional Model	N/A	
Date of Receipt.	Jul. 31, 2026	
Date of testing	Jul. 31, 2026 ~ Sept. 4, 2026	
Sample No.	202607314697-1 for Conduction	
Standard(s)	Article 2 Paragraph 1 Item 19-3 MIC Notice No.88 Appendix No.45	
CONCLUSION:	The equipment under test was found to comply with the requirements of the standard(s) applied. Seal of CVC Issue Date: Sept. 4, 2026	
Compiled by: Liang Jiatong	Reviewed by: Mo Xianbiao	Approved by: Dong Sanbi
Signature:	Signature:	Signature:

This test report relates only to the EUT, and shall not be reproduced except in full, without written approval of CVC.



TABLE OF CONTENTS

RELEASE CONTROL RECORD	4
1 SUMMARY OF TEST RESULTS	5
1.1 LIST OF TEST AND MEASUREMENT INSTRUMENTS	6
1.2 TEST LOCATION	6
1.3 MEASUREMENT UNCERTAINTY	7
2 GENERAL INFORMATION	8
2.1 GENERAL PRODUCT INFORMATION	8
2.2 DESCRIPTION OF ACCESSORIES	8
2.3 DESCRIPTION OF TEST CHANNELS	9
2.4 ENVIRONMENTAL CONDITIONS	9
2.5 ASSEMBLY	10
2.6 ANTENNA SPECIFICATIONS	10
2.7 GENERAL DESCRIPTION OF APPLIED STANDARDS	11
2.8 DESCRIPTION OF SUPPORT UNITS	11
3 TEST TYPES AND RESULTS	12
3.1 FREQUENCY TOLERANCE MEASUREMENT	12
3.2 OCCUPIED BANDWIDTH MEASUREMENT (99% POWER BANDWIDTH)	13
3.3 SPURIOUS EMISSIONS FOR TRANSMITTER & OUT-BAND LEAKAGE POWER	14
3.4 ADJACENT CHANNEL LEAKAGE POWER	17
3.5 ANTENNA POWER MEASUREMENT	18
3.6 SPURIOUS EMISSIONS FOR RECEIVER	20
3.7 BURST LENGTH	21
3.8 CARRIER SENSE CAPABILITY	22
3.9 INTERFERENCE PREVENTION FUNCTION	23
3.10 NUMBER OF CARRIERS WITHIN 1 MHZ BANDWIDTH IN OFDM	24
4 PHOTOGRAPHS OF TEST SETUP	25
5 PHOTOGRAPHS OF THE EUT	26



RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
TELECSZ2026-0009-RF2	Original release	Aug. 25, 2026



1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

Item	Article 2 Paragraph 1 Item 19-3 Reference	Report reference	Result
Frequency Tolerance	C	3.1	PASS
Occupied bandwidth	D	3.2	PASS
Spurious emissions	E	3.3	PASS
Tolerance of antenna power	F	3.5	PASS
SAR	--	--	N/A
Type, configuration, etc. of transmitting antenna	--	1.6	PASS
Direction pattern of transmitting antenna	--	1.6	PASS
Spurious emissions of receiver	H	3.6	PASS
Refer to all articles for transmitting antenna	--	1.6	PASS
High frequency	--	1.1	PASS
Modulation section can not be opened easily	--	1.5	PASS
Communication method	--	1.1	PASS
Modulation method	--	1.1	PASS
Signal transmission rate		1.1	PASS
Burst length		3.7	PASS
Antenna power	--	3.5	PASS
Isotropically radiated power	--	3.5	PASS
Number of carriers within 1 MHz bandwidth in OFDM	--	3.10	PASS
Out-band leakage power	--	3.3	PASS
Adjacent channel leakage power	--	3.4	PASS
Interference Prevention Function	--	3.9	PASS
Carrier sense capability	--	3.8	PASS
Dynamic frequency selection	--	Note 2	N/A
Note1: N/A: In this whole report not applicable.			
Note2: The device operates as a slave.			



1.1 LIST OF TEST AND MEASUREMENT INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial Number	Cal. interval	Cal. Day	Cal. Due
Antenna Port Conducted Test(BT/WIFI)						
Spectrum Analyzer	R&S	FSV 30	CS030002	1 year	2026/07/13	2027/07/12
Analog signal Generator	R&S	SMB 100A	CS0300015	1 year	2026/03/13	2027/03/12
Vector signal Generator	R&S	SGT 100A	CS0300017	1 year	2026/03/13	2027/03/12
RF control unit(BT/WIFI)	Tonscend	JS0806-2-8CH	CS0300023	1 year	2026/04/23	2027/04/22
RF control unit(DTV)	Tonscend	JS0806-1	CS0300024	1 year	2026/04/23	2027/04/22
DC power supply	R&S	HMC8041-G	CS0300026	1 year	2026/05/21	2027/05/20
#3Shielding room	MORI	443	CS0300009	3 year	2026/05/16	2029/05/15
Digital multimeter	FLUKE	18B+	CS0200056	1 year	2025/05/22	2026/05/21
Power Sensor	R&S	NRP18S-10	10845	1 year	2025/09/17	2026/09/16
Power splitter	Anritsu	K240CPOWERDIVIDE R	012334	1 year	2026/06/02	2027/06/01
Temperature and humidity meter	UNI-T	A10T	C193561457	1 year	2026/04/24	2027/04/23
10db attenuator	GWAVE	2.92-CA110-E	CS0300145	1 year	2026/07/30	2027/07/29
JS1120 Testing Software	Tonscend	V3.5.39	/	/	/	/

- ☐ 1. Calibration conducted by the National Institute of Information and Communications Technology (NICT) in Japan (hereinafter referred to as *NICT*) or a designated calibration agency under Article 102-18 paragraph (1) in JRL.
- ☐ 2. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Act (Act No. 51 of 1992).
- ☒ 3. Calibration conducted in countries except Japan, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1). The calibrations are traceable to CVC CHINA/Lisai Metrology/CEPREI Calibration.
- ☐ 4. Calibration, etc. conducted by using measuring instruments and other equipment listed in the right column of appended table No. 3, which shall have been given any type of calibration, etc. listed above from (2) to (4).

1.2 TEST LOCATION

The tests and measurements referred to in this report were performed by EMC testing Lab of CVC Testing Technology (Shenzhen) Co., Ltd.

Address: No. 1301-14, Guanguang Road, Xinlan Community, Guanlan Subdistrict, Longhua District, Shenzhen, Guangdong, China

Post Code: 518110 Tel: 0755-23763060-8805
Fax: 0755-23763060 E-mail: sz-kf@cvc.org.cn
IC (Test firm CAB identifier number: CN0137)
CNAS (Test firm designation number: L16091)



1.3 MEASUREMENT UNCERTAINTY

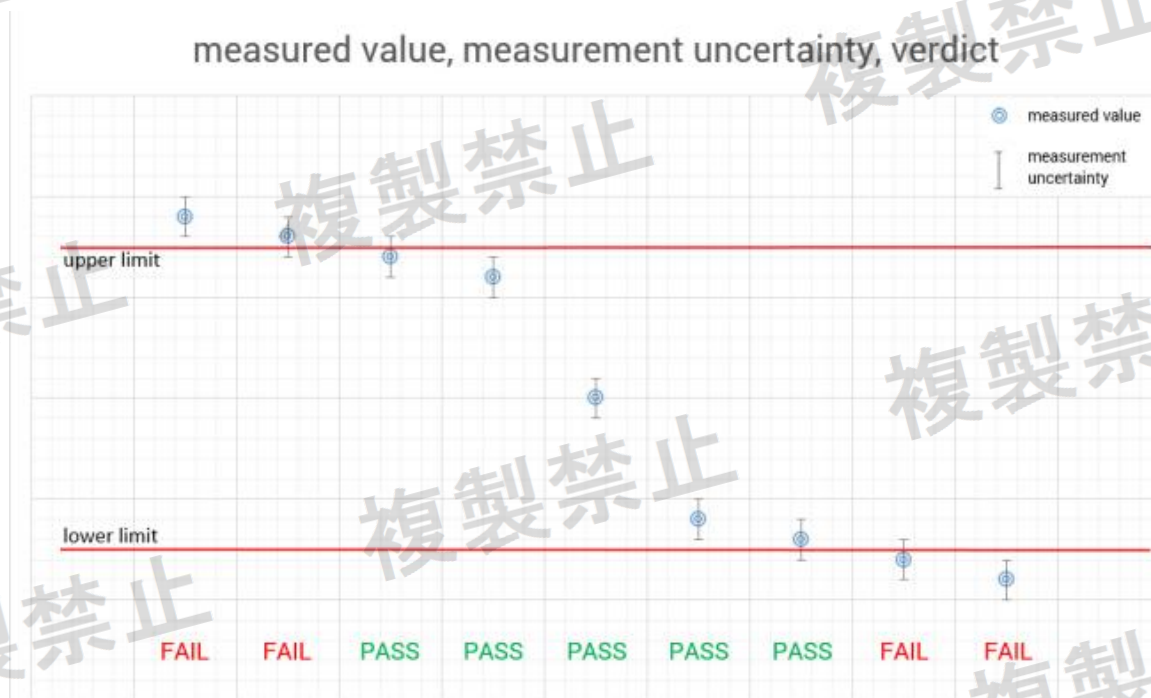
Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Support Equipment		
1	Radio frequency	$\pm 6.4 \times 10^{-8}$
2	Occupied Channel Bandwidth	$\pm 1.86 \%$
3	RF output power, conducted	$\pm 0.9 \text{ dB}$
4	Power Spectral Density	$\pm 0.8 \text{ dB}$
5	Spurious emissions ,conducted	$\pm 2.7 \text{ dB}$
6	Supply voltages	$\pm 0.68 \%$
7	Time	$\pm 0.19 \%$
8	Adjacent Channel Power	$\pm 1.3 \text{ dB}$

Remark: 95% Confidence Levels, k=2.

Only the measured values related to their corresponding limits will be used to decide whether the equipment under test meets the requirements of the test standards listed.

The measurement uncertainty is mentioned in this test report, but is not taken into account - neither to the limits nor to the measurement results. Measurement results with a smaller margin to the corresponding limits than the measurement uncertainty have a potential risk of more than 5% that the decision might be wrong.





2 GENERAL INFORMATION

2.1 GENERAL PRODUCT INFORMATION

PRODUCT NAME	EBO Mini Sport FamilyBot
BRAND NAME	Enabot
MODEL NAME	EBO Mini Sport
ADDITIONAL MODEL	N/A
POWER SUPPLY	DC 5V 2A From EBO Mini Sport
MODULATION TYPE	256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA
MODULATION TECHNOLOGY	OFDM, OFDMA
OPERATING FREQUENCY RANGS	5180MHz ~ 5320MHz
NUMBER OF CHANNEL	See section 2.3
TPC	Not support
RATED POWER	Please see NOTE 4
ANTENNA TYPE(NOTE 3)	5180 ~ 5240MHz: 5.87dBi gain 5260 ~ 5320MHz: 5.83dBi gain
HARDWARE VERSION:	V1_00_04
SOFTWARE VERSION:	V0.0.9-0

NOTE:

- For more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
- For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.
- Since the above data and/or information is provided by the client, CVC is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.
- The prototype only supports full-RU under AX mode.
- The RF output power as below table:

Frequency Band	802.11a	802.11n20	802.11n40	802.11 ac20	802.11 ac40	802.11 ax20	802.11 ax40
W52&W53	1.3	1.2	0.4	1	0.4	0.6	0.5

2.2 DESCRIPTION OF ACCESSORIES

N/A

**2.3 DESCRIPTION OF TEST CHANNELS**

Operated in 5180 ~ 5320MHz band (W52 & W53)				
Modes	Test RF Channel Lists			
	CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)
802.11a/n(HT20)/ac(VHT20)/ax(HE20)	36	5180	40	5200
	44	5220	48	5240
	52	5260	56	5280
	60	5300	64	6320
802.11n(HT40)/ac(VHT40)/ax(HE40)	38	5190	46	5230
	54	5270	62	5310

2.4 ENVIRONMENTAL CONDITIONS

During the measurement the environmental conditions were within the listed ranges:

Battery Voltage	Normal Voltage / NV	-
	Low Voltage /LV	-
	High Voltage /HV	-
RF Chip Voltage	Normal Voltage / NV	3.3V
	Low Voltage /LV	3.3V
	High Voltage /HV	3.3V
Adapter Voltage	Normal Voltage / NV	DC 5V
	Low Voltage /LV	DC 4.5V
	High Voltage /HV	DC 5.5V
Other	Normal Temperature/Tnor:	25°C
	Relative Humidity	55 %
	Air Pressure	989 hPa

Note: After checking the fluctuation of input voltage to the circuit of the radio part (excluding the power supply) of the equipment to be tested, the fluctuation less than +/- 1 % when input voltage from an external supply into the equipment fluctuates +/- 10%, therefore, the test is carried out only at the normal voltage.



2.5 ASSEMBLY

The RF circuits are located inside of the EUT. The RF circuit was covered by metal shielding case. Also it won't be easy to be opened. Frequency Band, channels and modulation parameters are fixed inside the module. They cannot be edited or modified by end-user.

2.6 ANTENNA SPECIFICATIONS

Please refer to the attached file (Antenna report).



2.7 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product, according to the specifications of the manufacturers. It must comply with the requirements of the following standards:

Article 2 Paragraph 1 Item 19-3

MIC Notice No.88 Appendix No.45

All test items have been performed and recorded as per the above standards

2.8 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

During the tests:

Support Equipment							
NO	Description	Brand	Model No.	Serial Number	Supplied by		
1	N/A	N/A	N/A	N/A	N/A		
Support Cable							
NO	Description	Quantity (Number)	Length (m)	Detachable (Yes/ No)	Shielded (Yes/ No)	Cores (Number)	Supplied by
1	N/A	N/A	N/A	N/A	N/A	N/A	N/A

RF Test Cable			
NO	Description	Cabel loss(dB)	Supplied by
1	Dual SMA male cable	0.5	Applicant

The RF Test Cable is provided by the applicant, and the test results already include this parameter.



3 TEST TYPES AND RESULTS

3.1 FREQUENCY TOLERANCE MEASUREMENT

3.1.1 Limit

Tolerance of frequency shall be +/- 20ppm

3.1.2 Test setup



3.1.3 Test Procedure

Max Hold shall be selected and the centre frequency adjusted to that of the UUT.

The peak value of the power envelope shall be measured and noted. The span shall be reduced and the marker moved in a positive frequency increment until the upper, (relative to the centre frequency), -10 dBc point is reached. This value shall be noted as f1. The marker shall then be moved in a negative frequency increment until the lower, (relative to the centre frequency), -10 dBc point is reached. This value shall be noted as f2.

The centre frequency is calculated as $(f1 + f2) / 2$.

Frequency: Test Frequency

Span: 1MHz

RBW: 10 kHz(Modulation OFF),

VBW: 10 kHz(Modulation OFF),

Sweep: Time Auto

Detector mode: peak

Trace mode Maxhold

3.1.4 Test results

Please refer Appendix



3.2 OCCUPIED BANDWIDTH MEASUREMENT (99% POWER BANDWIDTH)

3.2.1 Limit

ITEM	LIMIT	REMARK
Occupied bandwidth	<20MHz	20MHz system
Occupied bandwidth	<40MHz	40MHz system
Occupied bandwidth	<80MHz	80MHz system

3.2.2 Test setup



3.2.3 Test Procedure

Frequency: Test Frequency
Span: From the allowable value prescribed in the facility regulations to about
RBW: 3% or less of the allowable value prescribed in the equipment regulations
VBW: Same as RBW
Sweep point: >400 points
Sweep: Continuous sweep, Time Auto Processing count: >10 count
Detector mode: peak

3.2.4 Test results

Please refer Appendix



3.3 SPURIOUS EMISSIONS FOR TRANSMITTER & OUT-BAND LEAKAGE POWER

3.3.1 Limits

W52 band	
20MHz system	
OBW:18MHz or less	OBW:18MHz - 20MHz
5142.0MHz or less: $\leq 2.5 \mu\text{W/MHz}$	5142 MHz or less: $\leq 2.5 \mu\text{W/MHz}$
5142-5150 MHz: $\leq 15 \mu\text{W/MHz}$	5142-5150 MHz: $\leq 15 \mu\text{W/MHz}$
/	5250-5250.2 MHz: $\leq 10^{1-(8/3)(f-9.75)} \text{mW/MHz}$
5250-5251 MHz: $\leq 10^{1-(f-9)} \text{mW/MHz}$	5250.2-5251 MHz: $\leq 10^{1-(f-9)} \text{mW/MHz}$
5251-5260 MHz: $\leq 10^{1-(8/90)(f-11)} \text{mW/MHz}$	5251-5260 MHz: $\leq 10^{1-(8/90)(f-11)} \text{mW/MHz}$
5260-5266.7 MHz: $\leq 10^{1.8-(6/50)(f-20)} \text{mW/MHz}$	5260-5266.7 MHz: $\leq 10^{1.8-(6/50)(f-20)} \text{mW/MHz}$
5266.7 MHz: $\leq 2.5 \mu\text{W/MHz}$	5266.7 MHz or more: $\leq 2.5 \mu\text{W/MHz}$
f=MHz, Difference from 5240 (MHz)	f=MHz, Difference from 5240 (MHz)
40MHz system	80MHz system
5146.6MHz or less: $\leq 2.5 \mu\text{W/MHz}$	5123.2 MHz or less: $\leq 2.5 \mu\text{W/MHz}$
5146.6-5150 MHz: $\leq 15 \mu\text{W/MHz}$	5123.2-5150 MHz: $\leq 15 \mu\text{W/MHz}$
5250-5251 MHz: $\leq 10^{-(f-20)+\log(1/2)} \text{mW/MHz}$	5250-5251 MHz: $\leq 10^{-(f-40)+\log(1/4)} \text{mW/MHz}$
5251-5270 MHz: $\leq 10^{-(8/190)(f-21)-1+\log(1/2)} \text{mW/MHz}$	5251-5290 MHz: $\leq 10^{-(8/390)(f-41)-1+\log(1/4)} \text{mW/MHz}$
5270-5278.4 MHz: $\leq 10^{-(3/50)(f-40)-1.8+\log(1/2)} \text{mW/MHz}$	5290-5296.7 MHz: $\leq 10^{-(3/100)(f-80)-1.8+\log(1/4)} \text{mW/MHz}$
5278.4 MHz or more: $\leq 2.5 \mu\text{W/MHz}$	5296.7 MHz or more: $\leq 2.5 \mu\text{W/MHz}$
f=MHz, Difference from 5230 (MHz)	f=MHz, Difference from 5210 (MHz)
W53 band	
20MHz system	
OBW:18MHz or less	OBW:18MHz - 20MHz
5142.0MHz or less: $\leq 2.5 \mu\text{W/MHz}$	5233.3 MHz or less: $\leq 2.5 \mu\text{W/MHz}$
5142-5150 MHz: $\leq 15 \mu\text{W/MHz}$	5233.3-5240 MHz: $\leq 10^{1.8-(6/50)(f-20)} \text{mW/MHz}$
5233.3 MHz or less: $\leq 2.5 \mu\text{W/MHz}$	5240-5249 MHz: $\leq 10^{1-(8/90)(f-11)} \text{mW/MHz}$
5233.3-5240 MHz: $\leq 10^{1.8-(6/50)(f-20)} \text{mW/MHz}$	5249-5249.8 MHz: $\leq 10^{1-(f-9)} \text{mW/MHz}$
5240-5249 MHz: $\leq 10^{1-(8/90)(f-11)} \text{mW/MHz}$	5249.8-5250 MHz: $\leq 10^{1-(8/3)(f-9.75)} \text{mW/MHz}$
5249-5250 MHz: $\leq 10^{1-(f-9)} \text{mW/MHz}$	5350 MHz or more: $\leq 2.5 \mu\text{W/MHz}$
5350 MHz or more: $\leq 2.5 \mu\text{W/MHz}$	f=MHz, Difference from 5260 (MHz)
f=MHz, Difference from 5260 (MHz)	
40MHz system	80MHz system
5221.6MHz or less: $\leq 2.5 \mu\text{W/MHz}$	5203.3 MHz or less: $\leq 2.5 \mu\text{W/MHz}$
5221.6-5230 MHz: $\leq 10^{-(3/50)(f-40)-1.8+\log(1/2)} \text{mW/MHz}$	5203.3-5210 MHz: $\leq 10^{-(3/100)(f-80)-1.8+\log(1/4)} \text{mW/MHz}$
5230-5249 MHz: $\leq 10^{-(8/190)(f-21)-1+\log(1/2)} \text{mW/MHz}$	5210-5249 MHz: $\leq 10^{-(8/390)(f-41)-1+\log(1/4)} \text{mW/MHz}$
5249-5250 MHz: $\leq 10^{-(f-20)+\log(1/2)} \text{mW/MHz}$	5249-5250 MHz: $\leq 10^{-(f-40)+\log(1/4)} \text{mW/MHz}$
5350-5358.4 MHz: $\leq 15 \mu\text{W/MHz}$	5350-5376.8 MHz: $\leq 15 \mu\text{W/MHz}$
5358.4 MHz or more: $\leq 2.5 \mu\text{W/MHz}$	5376.8 MHz or more: $\leq 2.5 \mu\text{W/MHz}$
f=MHz, Difference from 5270 (MHz)	f=MHz, Difference from 5290 (MHz)
W56band	
20MHzsystem	
DSSS. etc	OFDM



5470 MHz or less: $\leq 12.5 \mu\text{W/MHz}$	5460 MHz or less: $\leq 2.5 \mu\text{W/MHz}$
	5460-5470 MHz: $\leq 12.5 \mu\text{W/MHz}$
5730 MHz or more: $\leq 12.5 \mu\text{W/MHz}$	5745-5765 MHz: $\leq 12.5 \mu\text{W/MHz}$
	Over 5765 MHz: $\leq 2.5 \mu\text{W/MHz}$
40MHzsystem	80MHzsystem
5460 MHz or less: $\leq 12.5 \mu\text{W/MHz}$	5460 MHz or less: $\leq 12.5 \mu\text{W/MHz}$
5460-5470 MHz: $\leq 50 \mu\text{W/MHz}$	5460-5469.5 MHz: $\leq 50 \mu\text{W/MHz}$
5770 MHz or more: $\leq 12.5 \mu\text{W/MHz}$	5469.5-5470 MHz: $\leq 51.2 \mu\text{W/MHz}$
	5770 MHz or more $\leq 12.5 \mu\text{W/MHz}$

3.3.2 Test setup



3.3.3 Test Procedure:

OUT-BAND LEAKAGE POWER

Step 1: All spurious are measured from 5140MHz to 5360MHz, 5455MHz to 5780 MHz by peak mode

Step 2: Frequency: Spurious Frequency

RBW: 1 MHz

VBW: 1 MHz

Sweep: Single sweep, Time Auto

Detector mode: Sample



SPURIOUS EMISSIONS FOR TRANSMITTER

Spectrum Analyzer conditions:

Step 1: All spurious are measured from 30 MHz to 26 GHz by Peak mode.

Step 2: Frequency: Spurious Frequency

RBW: 1MHz

VBW: 1MHz

Sweep point: >400 points

Sweep: Single sweep, Time Auto

Detector mode: Sample

Trace mode Max hold

3.3.4 Test result

Please refer Appendix



3.4 ADJACENT CHANNEL LEAKAGE POWER

3.4.1 Limits

Frequencies (MHz)	Limit
OBW $\leq$ 18MHz	
Mean Power 20MHz Distance of Carrier	$\leq$ 25dBc/18MHz
Mean Power 40MHz Distance of Carrier	$\leq$ 40dBc/18MHz
OBW 18 ~ 20MHz	
Mean Power 20MHz Distance of Carrier	$\leq$ 25dBc/20MHz
Mean Power 40MHz Distance of Carrier	$\leq$ 40dBc/20MHz
OBW 20 ~ 40MHz	
Mean Power 40MHz Distance of Carrier	$\leq$ 25dBc/40MHz
Mean Power 80MHz Distance of Carrier	$\leq$ 40dBc/40MHz
OBW 40 ~ 80MHz	
Mean Power 80MHz Distance of Carrier	$\leq$ 25dBc/80MHz

3.4.2 Test setup



3.4.3 Test Procedure

Frequency: Test Frequency
RBW: 300KHz,
VBW: 300KHz
Sweep point: >400 points
Sweep: Single sweep, Time Auto
Detector mode: Samples (positive peaks for burst waves)

3.4.4 Test result

Please refer Appendix



3.5 ANTENNA POWER MEASUREMENT

3.5.1 Limits

W52 band			
Mode	802.11a/802.11n(HT20)/ ac(VHT20)/ax(HE20)	802.11n(HT40)/ac(VHT40)/ ax(HE40)	802.11ac(VHT80)/ ax(HE80)
Output power	10mW/MHz	5mW/MHz	2.5mW/MHz
E.I.R.P	10mW/MHz	5mW/MHz	2.5mW/MHz

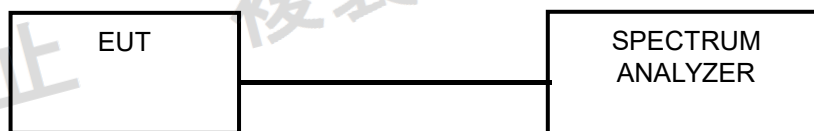
W53 band			
Mode	802.11a/802.11n(HT20)/ ac(VHT20)/ax(HE20)	802.11n(HT40)/ac(VHT40)/ ax(HE40)	802.11ac(VHT80)/ ax(HE80)
Output power	10mW/MHz	5mW/MHz	2.5mW/MHz
E.I.R.P (without TPC)	5mW/MHz	2.5mW/MHz	1.25mW/MHz

W56 band			
Mode	802.11a/802.11n(HT20)/ ac(VHT20)/ax(HE20)	802.11n(HT40)/ac(VHT40)/ ax(HE40)	802.11ac(VHT80)/ ax(HE80)
Output power	10mW/MHz	5mW/MHz	2.5mW/MHz
E.I.R.P (without TPC)	25mW/MHz	12.5mW/MHz	6.25mW/MHz

For Band52 and Band53: Tolerance of antenna power shall be +20% (upper value) and -80% (lower value).

For Band56: Tolerance of antenna power shall be +50% (upper value) and -50% (lower value).

3.5.2 Test setup



3.5.3 Test Procedure

Spectrum Analyzer conditions:

Step 1:Frequency:Test Frequency

Span:About twice the occupied frequency bandwidth

RBW:1 MHz;VBW:1 MHz

Sweep point:>400 points

Sweep:Continuous sweep,Time Auto

Detector mode:Positive peak

Trace mode Max hold



Step 2:Frequency:The frequency that gives the maximum power (searched frequency)
Span:0
VBW:1 MHz
Sweep:Continuous sweep,Time Auto

3.5.4 Test result

Please refer Appendix



3.6 SPURIOUS EMISSIONS FOR RECEIVER

3.6.1 Limits

Frequencies (MHz)	Limit	
(MHz)	nW	dBm
Below 1GHz	≤ 4	≤ -54
Above 1GHz	≤ 20	≤ -47

3.6.2 Test setup



3.6.3 Test Procedure

Spectrum Analyzer conditions:

Step 1: All spurious are measured from 30 MHz to 26 GHz by Peak mode.

Step 2

IF the value measured by Step 1 is 3 dB or less, measure in average mode.

Test setup for Step 1:

Frequency: 30 MHz – 2400 MHz , 2483.5 MHz – 13 GHz

RBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz)

VBW 300 kHz (30 – 1GHz) , 3 MHz (over 1GHz)

Sweep Time Auto

Trace mode Max hold

Test setup for Step 2:

Frequency: Spurious Frequency

Span 0 MHz

RBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz)

VBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz)

Sweep Time Auto

Detector mode Sample

Trace mode Max hold

3.6.4 Test result

Please refer Appendix



3.7 BURST LENGTH

3.7.1 Limits

Frequencies (MHz)	Limit
Transmitter Operating	$\leq 8\text{ms}$

3.7.2 Test setup



3.7.3 Test Procedure

Spectrum Analyzer conditions:
Frequency: Test Frequency
Span: 0 MHz
RBW: more than 1 MHz, VBW: more than 3 MHz,
Detector mode Positive peak
Trace mode clear write

3.7.4 Test result

Please refer Appendix

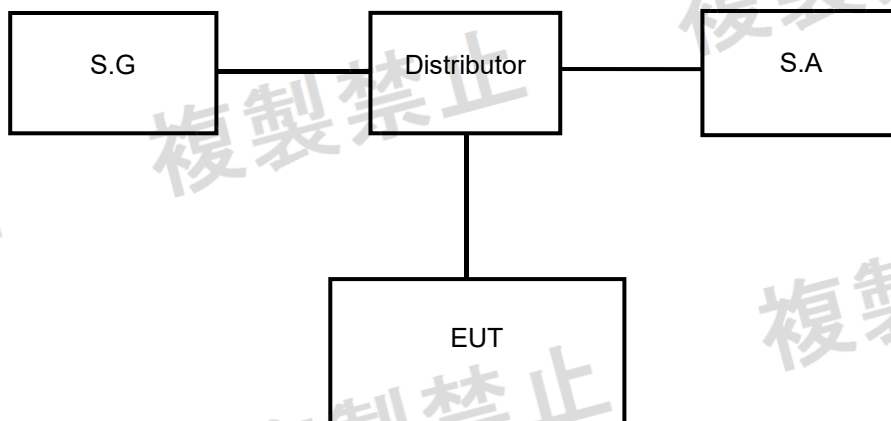


3.8 CARRIER SENSE CAPABILITY

3.8.1 Limits

The radio equipment connected to telecommunication circuit equipment shall be equipped with a device which detects emissions radiated from another radio station and prevents interference, or a device which prevents interference by operation on a receive signal and a signal for diffusion for signal level detection.

3.8.2 Test setup



(EUT operate in multiple outputs: The measurement was performed by combiner.)

1. Turn the standard signal generator output OFF. Leave the equipment under test to be ready for transmission and verify the transmission with the spectrum analyzer.
2. Set the equipment under test to the receiving state.
3. Turn the standard signal generator ON and leave the equipment under test to be ready for transmission and verify with the spectrum analyzer that no transmission is being made.

3.8.3 Test result

Please refer Appendix



3.9 INTERFERENCE PREVENTION FUNCTION

3.9.1 Limits

Radio equipment used mainly on the same premises and automatically transmits or receives identification code.

3.9.2 Test setup



3.9.3 Test Procedure

Standard Requirement:

- 1) Measurement system diagram as shown above and test equipment keep transmitting identification code.
- 2) Condition of measuring instrument
 - (1) Demodulator must be able to demodulate the transmitting signal emitted by test equipment and to indicate the identification code.
- 3) Condition of test equipment The mode of normal use.
- 4) Measuring operation procedure
 - (1) When test equipment has the function to transmit identification code automatically:
 - A) Transmit the predetermined identification code from test equipment.
 - B) Confirm the transmitted identification code by demodulator.

3.9.4 Test result

Please refer Appendix



3.10 NUMBER OF CARRIERS WITHIN 1 MHZ BANDWIDTH IN OFDM

3.10.1 Limits

Radio equipment used mainly on the same premises and automatically transmits or receives identification code.

3.10.2 Test setup



3.10.3 Test result

About OFDM Technical, one OFDM Channel will have 52 sub-carriers. At present, we observe this product via the spectrum, and we know that there are 3 carriers in 1 MHz bandwidth in OFDM.



4 PHOTOGRAPHS OF TEST SETUP

Please refer to the attached file (Test Setup Photo).



5 PHOTOGRAPHS OF THE EUT

Please refer to the attached file (External Photos report and Internal Photos).

----- End of the Report -----



Important

1. The test report is invalid without the official stamp of CVC.
2. Any part photocopies of the test report are forbidden without the written permission from CVC.
3. The test report is invalid without the signatures of tester, reviewer and approver.
4. The test report is invalid if altered.
5. Objections to the test report must be submitted to CVC within 15 days.
6. Generally, commission test results apply to the samples as received. The sample information is provided by the applicant and CVC is not responsible for its authenticity.
7. As for the test result, “—” or “N” or “N/A” means “not applicable”, “/” means “not testing”, “P” means “pass” and “F” means “fail”.

*** The test data and test results given in this test report should only be used for purposes of scientific research, teaching and internal quality control when the CMA symbol is not presented. ***

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