



Test Report

Product: TABLET

Trade Mark: /

Model No: X10S

Report Number: SZNTT26028400E1-4

Test Standards: Article 2 Paragraph 1 item 19-3

Date of Issue: Aug. 18, 2026

Prepared for

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[illegible]

1 General Description

1.1 Description of EUT

Product name:	TABLET
Model name:	X10S
Series Model:	N/A
Different of series model:	N/A
Operation frequency:	5180 MHz to 5240 MHz
Modulation type:	IEEE 802.11a/n(HT20/40)/ac(VHT20/40)/ac80: OFDM (BPSK, QPSK,16QAM, 64QAM, 256QAM, 1024-QAM)
Bit Rate of transmitter:	802.11a: 6/9/12/18/24/36/48/54Mbps 802.11n (20MHz): MCS0-7, up to 150Mbps 802.11n (40MHz): MCS0-7, up to 300Mbps 802.11ac (20MHz): MCS0-8, up to 86.7Mbps 802.11ac (40MHz): MCS0-9, up to 200Mbps 802.11ac (80MHz): MCS0-9, up to 433.3Mbps
Antenna type:	FPC Antenna
Antenna gain:	-0.47dBi
Max. rated output power:	1mW/MHz
Hardware version:	V1.0
Software version:	V1.0
Battery:	DC 3.8V, 6000mAh, 22.8Wh
Power supply:	Battery: DC 3.8V, 6000mAh, 22.8Wh USB-C Input: DC 5V/2A
Adapter information:	Model: TPA-418G050200PU01 Input: AC 100-240V ~ 50/60 0.3A Output: DC 5.0V/2.0A
Sample number:	SZNTT26028400

1.2 Test Mode

W52:

For 802.11a/n20/ac20

Test Mode	Channel	Frequency (MHz)
1	36	5180
2	40	5200
3	48	5240



For 802.11n40/ac40

Test Mode	Channel	Frequency (MHz)
4	38	5190
5	46	5230

For 802.11ac80

Test Mode	Channel	Frequency (MHz)
6	42	5210

1.3 Operation Channel List

W52:

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	--	--
44	5220	--	--	--	--
		--	--	--	--

1.4 Test Conditions

Voltage Fluctuation Test	Normal Voltage	High Voltage +10% of Normal Voltage	Low Voltage -10% of Normal Voltage
DC Power	DC 3.8V	DC 4.18V	DC 3.42V
To RF Module	DC 3.3V	DC 3.3V	DC 3.3V

Note:

1. Voltage Variation (%)= (Output high or Low Voltage - Output Normal Voltage)/ Output Normal Voltage* 100.
2. During the input supply voltage to the EUT from the external power source is varied by +/-10%, + / - 10% of the external power change, will not affect the voltage of the RF, so only operated in normal voltage to test all regulations.

1.5 Test Setup

See photographs of the test setup in the report for the actual setup and connections between EUT and support equipment.

1.6 Power setting configuration parameters

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters.

Test software Version		Tera Term VT		
Mode	802.11a	802.11n20/ac20	802.11n40/ac40	802.11ac80
Parameters	Default	Default	Default	Default
RF cable				
Description	Connector	Length		Supplied by
Antenna Cable	SMA	10cm		Applicant

Note: Disclaimer: the loss of RF cable is too small and can be ignored.

1.7 Ancillary Equipment

Equipment	Model	S/N	Manufacturer
/	/	/	/



2 Summary of Test Result

No.	Test Item	Result	Remark
1	Frequency Tolerance	Pass	
2	Occupied Bandwidth	Pass	
3	Spread Bandwidth	Pass	
4	Antenna Power	Pass	
5	Adjacent Channel Power	Pass	
6	Transmitter Spurious Emissions	Pass	
7	Burst Length	Pass	
8	Secondary Radiated Emissions	Pass	
9	Transmission Antenna Gain (EIRP Antenna Power)	Pass	
10	Interference prevention function	Pass	
11	Carrier Sensing function	Pass	
12	Dynamic Frequency selection (DFS)	N/A	

Note: "N/A" means the test item not applicable.

3 Test Facilities and Accreditations

3.1 Test Laboratory

Test Site	Shenzhen NTT Testing Technology Co.,Ltd.
Test Site Location	1B, Building 2, Factory Building & 103, Building 3, Factory Building, Dayang Industrial Park, No.4, Industrial Avenue, Tangwei Community, Fuhai Sub-district, Bao 'an District, Shenzhen City, Guangdong, China
Telephone:	0755-27889935
CNAS Registration No.:	L25606

3.2 Environmental Conditions

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

Temperature:	15°C~35°C
Relative Humidity:	20%~75%
Air Pressure:	98kPa~101kPa

3.3 Measurement Uncertainty

Measurement Uncertainty for a Level of Confidence of 95 %, $U=2 \times U_c(y)$

Parameter	Uncertainty Criterion
Occupied Channel Bandwidth	$\pm 1.5 \times 10^{-6}$
RF output power, conducted	$\pm 1.0\text{dB}$
Power Spectral Density, conducted	$\pm 2.2\text{dB}$
Unwanted Emissions, conducted	$\pm 2.8\text{dB}$
Temperature	$\pm 1^\circ\text{C}$
Supply voltages	$\pm 3\%$
Time	$\pm 2\%$

3.4 Test Software

Software name	Manufacturer	Model	Version
RF Test System	TACHOY	RFTest	V1.0.0



4 List of Test Equipment

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Cal. Date	Calibration Lab	Calibration Method
MXG Signal Analyzer	N9020A	MY50510202	Agilent	2025/9/08	2026/9/07	Guangzhou LiSai Metrology & Test Co., Ltd.	c
MXG Vector Signal Generator	N5182A	MY50140020	Agilent	2025/9/08	2026/9/07	Guangzhou LiSai Metrology & Test Co., Ltd.	c
Attenuation	PCL-10dB	221126	HTEC	2025/9/08	2026/9/07	Guangzhou LiSai Metrology & Test Co., Ltd.	c
MXG Analog Signal Generator	N5181A	MY47420919	Agilent	2025/9/08	2026/9/07	Guangzhou LiSai Metrology & Test Co., Ltd.	c
Power Sensor	TR1029-2	512364	Techoy	2025/9/08	2026/9/07	Guangzhou LiSai Metrology & Test Co., Ltd.	c
RF Switch	TR1029-1	512364	Techoy	2025/9/08	2026/9/07	Guangzhou LiSai Metrology & Test Co., Ltd.	c
Power Meter	ML2495A	10084	Anritu	2025/9/08	2026/9/07	Guangzhou LiSai Metrology & Test Co., Ltd.	c



4.1 Calibration Method

- a) Calibration conducted by the National Institute of Information and Communications Technology NICT or a designated calibration agency under Article 102-18 paragraph.
- b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992) .
- c) Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph.
- d) 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 (a) to.

The all calibration corresponds to c) described above.

4.2 Calibration Agency information

Test Site	Guangzhou Lisai Metrology & Test Co., Ltd.
Test Site Location	No.8, Nongkesuo South Street, Shiji, Panyu District, Guangzhou, Guangdong, China
Telephone:	(86-020) 31134076
Fax:	(86-020) 31134076
CNAS Registration No.:	L7127

5 Test Item And Results

5.1 Frequency Tolerance

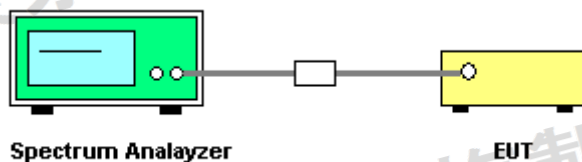
5.1.1 Limits

Item	Limits
Frequency Tolerance	$\pm 20\text{ppm}$

5.1.2 Test Procedures

1. Frequency accuracy of SA shall be less than 10% of limits tolerance (5ppm).
2. Setting of SA is following as: RB: 10kHz / VB: 10kHz / SPAN: 1MHz / Sweep time: Auto / Detect mode: Positive peak / Trace mode: Max hold.
3. The frequency tolerance test case is directly measured using spectrum analyzer. Then the frequency error formula is $(f-f_c)/f_c \times 10^6$ ppm and the limit is less than $\pm 20\text{ppm}$.

5.1.3 Test Setup



5.1.4 Test Result

Please see the attachment for data.

5.2 Occupied Bandwidth

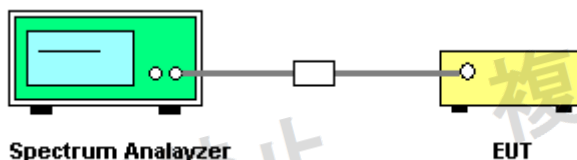
5.2.1 Limits

Test Mode	Limits			
	DSSS	OFDM		
	20 MHz	20 MHz	40 MHz	80 MHz
5.2 GHz Band	18.0 MHz	20 MHz	40 MHz	80 MHz
5.3 GHz Band	18.0 MHz	20 MHz	40 MHz	80 MHz
5.6 GHz Band	18 MHz	20 MHz	40 MHz	80 MHz

5.2.2 Test Procedures

- (1) Set EUT work in test mode as described in clause 1.2.
- (2) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:
Centre Frequency: The centre frequency of the channel under test.
Resolution BW: 100 kHz
Video BW: 300 kHz
Span: Wide enough to cover the complete power envelope of the signal of the EUT.
Detector: Peak.
Trace Mode: Max Hold.
- (3) When the trace is complete, measure the occupied bandwidth (99% bandwidth) with spectrum analyzer's bandwidth measure function.

5.2.3 Test Setup



5.2.4 Test Result

Please see the attachment for data.

Note: All configurations have been tested, only the worst configuration normal voltage test data shown here.

5.3 Antenna Power

5.3.1 Limit

Test Mode	Limits (Antenna Power)				Antenna Power Tolerance
	DSSS	OFDM			
	20 MHz	20 MHz	40 MHz	80 MHz	
5.2 GHz Band	10 mW/MHz	10 mW/MHz	5 mW/MHz	2.5 mW/MHz	+20%~-80%
5.3 GHz Band	10 mW/ MHz	10 mW/MHz	5 mW/MHz	2.5 mW/MHz	
5.6 GHz Band	10 mW/ MHz	10 mW/MHz	5 mW/MHz	2.5 mW/MHz	+50%~-50%

5.3.2 Test Procedure

Step 1

Connect the UUT to the spectrum analyzer and use the following settings:

Center Frequency: The center frequency of the UUT test channel

RBW: 1MHz

VBW: 3MHz

Span: Wide enough to cover the total power envelope of the signal of the UUT

Detector: Peak

Trance Mode: Max Hold

Find the Peak value for the power envelope and record the frequency.

Step 2

Change the spectrum analyzer and use the following settings:

Center Frequency: Record frequency of step 1.

RBW: 1MHz

VBW: 1MHz

Span: 0Hz

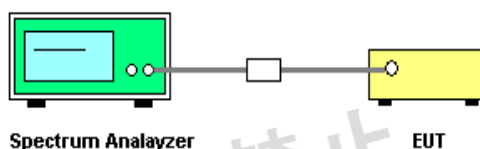
Sweep time: enough to capture the signal burst.

Detector: RMS

Trace Mode: Single

Capture the burst signal power and record it.

5.3.3 Test Setup



5.3.4 Test results

Please see the attachment for data.

Note:

1. The rated output power is 1 mW/MHz.

2. All configurations have been tested, only the worst configuration normal voltage test data shown here.

5.4 Adjacent Channel Power

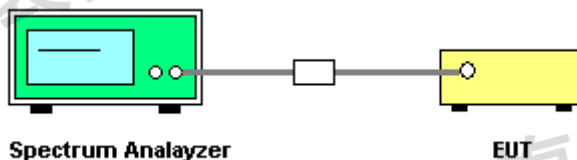
5.4.1 Limits

DSSS	OFDM		
20MHz	20MHz	40MHz	80MHz
Fc±20MHz ±10MHz BW: -25dBc	Fc±20MHz ±10MHz BW: -25dBc	Fc±40MHz ±20MHz BW: -25dBc	Fc±80MHz ±40MHz BW: -25dBc
Fc±40MHz ±10MHz BW: -40dBc	Fc±40MHz ±10MHz BW: -40dBc	Fc±40MHz ±20MHz BW: -40dBc	

5.4.2 Test Procedures

1. Configure EUT and assistant system according clause 1.5 and 1.6.
2. Set EUT work in test mode as described in clause 1.2.
3. Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, use the adjacent channel power function of Spectrum Analyzer and set the Spectrum Analyzer as below:
Frequency: Test Frequency
Span 120 MHz, RBW 300 kHz, VBW 300 kHz
Tx bandwidth 18MHz
Adjacent channel bandwidth 1MHz, Channel spacing ±9.5MHz
Alternate channel bandwidth 1MHz, Channel spacing ±19MHz
2nd Alternate channel bandwidth 1MHz, Channel spacing ±39MHz
Sweep Time Auto
detector mode Positive peak
Indication mode Max hold

5.4.3 Test Setup



5.4.4 Test Result

Please see the attachment for data.



5.5 Transmitter Spurious Emissions

5.5.1 Limit

W52	
OBW : 18MHz or less	OBW : 18 - 20 MHz
5,142 MHz or less : 2.5 μ W/MHz	5,142 MHz or less : 2.5 μ W/MHz
5,142 - 5,150 MHz : 15 μ W/MHz	5,142 - 5,150 MHz : 15 μ W/MHz
	5,250 - 5,250.2 MHz : $10^{1-(8/3)(f-9.75)}$ mW/MHz
5,250 - 5,251 MHz : $10^{1-(f-9)}$ mW/MHz	5,250.2 - 5,251 MHz : $10^{1-(f-9)}$ mW/MHz
5,251 - 5,260 MHz : $10^{-1-(8/90)(f-11)}$ mW/MHz	5,251 - 5,260 MHz : $10^{-1-(8/90)(f-11)}$ mW/MHz
5,260 - 5,266.7 MHz : $10^{-1.8-(6/50)(f-20)}$ mW/MHz	5,260 - 5,266.7 MHz : $10^{-1.8-(6/50)(f-20)}$ mW/MHz
5,266.7 MHz or more : 2.5 μ W/MHz	5,266.7 MHz or more : 2.5 μ W/MHz
f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5240 (MHz)
40MHz system	80MHz system
5,141.6 MHz or less : 2.5 μ W/MHz	5,123.2 MHz or less : 2.5 μ W/MHz
5,141.6 - 5,150 MHz : 15 μ W/MHz	5,123.2 - 5,150 MHz : 15 μ W/MHz
5,250 - 5,251 MHz : $10^{-(f-20)+\log(1/2)}$ mW/MHz	5,250 - 5,251 MHz : $10^{-(f-40)+\log(1/4)}$ mW/MHz
5,251 - 5,270 MHz : $10^{-(8/190)(f-21)-1+\log(1/2)}$ mW/MHz	5,251 - 5,290 MHz : $10^{-(8/390)(f-41)-1+\log(1/4)}$ mW/MHz
5,270 - 5,278.4 MHz : $10^{-(3/50)(f-40)-1.8+\log(1/2)}$ mW/MHz	5,290 - 5,296.7 MHz : $10^{-(3/100)(f-80)-1.8+\log(1/4)}$ mW/MHz
5,278.4 MHz or more : 2.5 μ W/MHz	5,296.7 MHz or more : 2.5 μ W/MHz
f = MHz, Difference from 5230 (MHz)	f = MHz, Difference from 5210 (MHz)
W53	
20MHz system	
OBW : 18MHz or less	OBW : 18 - 20 MHz
5,233.3 MHz or less : 2.5 μ W/MHz	5,233.3 MHz or less : 2.5 μ W/MHz
5,233.3 - 5,240 MHz : $10^{-1.8-(6/50)(f-20)}$ mW/MHz	5,233.3 - 5,240 MHz : $10^{-1.8-(6/50)(f-20)}$ mW/MHz
5,240 - 5,249 MHz : $10^{-1-(8/90)(f-11)}$ mW/MHz	5,240 - 5,249 MHz : $10^{-1-(8/90)(f-11)}$ mW/MHz
5,249 - 5,250 MHz : $10^{1-(f-9)}$ mW/MHz	5,249 - 5,249.8 MHz : $10^{1-(f-9)}$ mW/MHz
	5,249.8 - 5,250 MHz : $10^{1-(8/3)(f-9.75)}$ mW/MHz
5,350 MHz or more : 2.5 μ W/MHz	5,350 MHz or more : 2.5 μ W/MHz
f = MHz, Difference from 5260 (MHz)	f = MHz, Difference from 5260 (MHz)
40MHz system	80MHz system
5,221.6 MHz or less : 2.5 μ W/MHz	5,203.3 MHz or less : 2.5 μ W/MHz
5,221.6 - 5,230 MHz : $10^{-(3/50)(f-40)-1.8+\log(1/2)}$ mW/MHz	5,203.3 - 5,210 MHz : $10^{-(3/100)(f-80)-1.8+\log(1/4)}$ mW/MHz
5,230 - 5,249 MHz : $10^{-(8/190)(f-21)-1+\log(1/2)}$ mW/MHz	5,210 - 5,249 MHz : $10^{-(8/390)(f-41)-1+\log(1/4)}$ mW/MHz
5,249 - 5,250 MHz : $10^{-(f-20)+\log(1/2)}$ mW/MHz	5,249 - 5,250 MHz : $10^{-(f-40)+\log(1/4)}$ mW/MHz
5,350 - 5,358.4 MHz : 15 μ W/MHz	5,350 - 5,376.8 MHz : 15 μ W/MHz
5,358.4 MHz or more : 2.5 μ W/MHz	5,376.8 MHz or more : 2.5 μ W/MHz
f = MHz, Difference from 5270 (MHz)	f = MHz, Difference from 5290 (MHz)



W56	
20MHz system	
DSSS, etc.	OFDM
5,470 MHz or less : 12.5 uW/MHz	5,460 MHz or less : 2.5 uW/MHz
	5,460 - 5,470 MHz : 12.5 uW/MHz
5,730 MHz or more : 12.5 uW/MHz	5,745 - 5,765 MHz : 12.5 uW/MHz
	Over 5,765 MHz : 2.5 uW/MHz
40MHz system	80MHz system
5,460 MHz or less : 12.5 uW/MHz	5,460 MHz or less : 12.5 uW/MHz
5,460 - 5,470 MHz : 50 uW/MHz	5,460 - 5,469.5 MHz : 50 uW/MHz
5,770 MHz or more : 12.5 uW/MHz	5,469.5 - 5,470 MHz : 51.2 uW/MHz
	5,770 MHz or more : 12.5 uW/MHz

5.5.2 Test Procedure

Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

Settings 1:

a) Below 1GHz/ Above 1GHz

1. Set RBW= VBW = 1 MHz / Set RBW = VBW = 1 MHz.
2. Detector = peak.
3. Sweep = auto couple.
4. Trace Mode = max hold.
5. Allow trace to fully stabilize.
6. Use the peak marker function to determine the maximum amplitude level.
7. If the result value is over the requirement, take total sum of 1MHz band centered at the spur frequency like ACLP measurement as result value.
8. If the Max Peak Value exceeds the limit, the RMS anatomical method will be used for point reading.

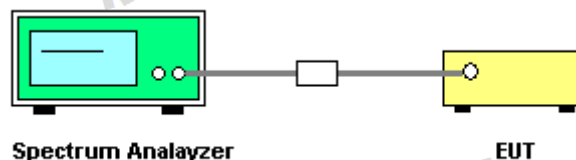
Settings 2:

Frequency of spurious emission found using [Setting 1]

a) Below 1GHz/ Above 1GHz

1. Set RBW= VBW = 1 MHz / Set RBW = VBW = 1 MHz.
2. Detector = RMS.
3. Sweep = Minimum time required to make an accurate measurement.
For burst type (intermittent) spurious emissions, sweep time shall be greater than one burst interval.
4. Trace Mode = max hold.
5. Allow trace to fully stabilize.
6. Use the peak marker function to determine the maximum amplitude level.

5.5.3 Test Setup





5.5.4 Test Results

Please see the attachment for data.

5.6 Burst Length

5.6.1 Limit

Item	Limits
Burst Length	8ms or less

5.6.2 Test Procedure

Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

settings:

1. Configure EUT and assistant system according clause 1.5 and 1.6.
2. Set EUT work in test mode as described in clause 1.2.
3. Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the

Spectrum Analyzer as below:

Frequency: Test Frequency

Span 0 MHz

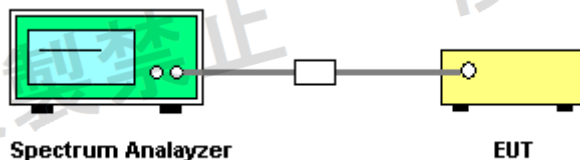
RBW=VBW ,

Sweep Time: $\geq 4\text{ms}$

Detector mode Positive peak

Indication mode Max hold

5.6.3 Test Setup



5.6.4 Test Results

Please see the attachment for data.

Note: All configurations have been tested, only the worst configuration normal voltage test data shown here.

5.7 Secondary Radiated Emissions

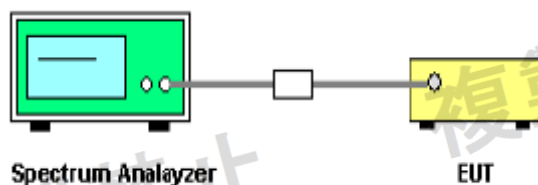
5.7.1 Limit

Item	Limits
RX Spurious Emission	Below 1 GHz: 4 nW
	1 GHz or 10GHz: 20 nW
	10GHz or higher: 20 nW

5.7.2 Test Procedure

1. SA set RBW: 100kHz and VBW: 100kHz (blew 1GHz emissions)
2. 1MHz and VBW: 1MHz (above 1GHz emission)
3. Sweep time: Auto
4. Detect mode: Positive peak
5. Trace mode: Max hold Test Setup

5.7.3 Test Setup



5.7.4 Test Results

Please see the attachment for data.

5.8 Transmission Antenna Gain (EIRP Antenna Power)

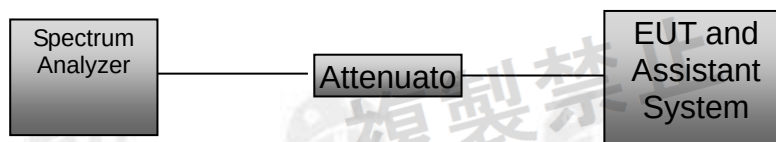
5.8.1 Limit

Test Mode	Limits			
	DSSS	OFDM		
	20 MHz	20 MHz	40 MHz	80 MHz
5.2 GHz Band	10 mW/MHz	10 mW/MHz	5 mW/MHz	2.5 mW/MHz
5.3 GHz Band	10 mW/MHz: with TPC 5 mW/MHz: without TPC	10 mW/MHz: with TPC 5 mW/MHz: without TPC	5 mW/MHz: with TPC 2.5 mW/MHz: without TPC	2.5 mW/MHz: with TPC 1.25 mW/MHz: without TPC
5.6 GHz Band	50 mW/MHz: with TPC 25 mW/MHz: without TPC	50 mW/MHz: with TPC 25 mW/MHz: without TPC	25 mW/MHz: with TPC 12.5 mW/MHz: without TPC	12.5 mW/MHz: with TPC 6.25 mW/MHz: without TPC

5.8.2 Test Procedure

1. Set EUT ad measuring antenna at the same height and roughly facing each other.
2. Move the measuring antenna height up and down within $\pm 50\text{cm}$ of EUT height and swing it to find the maximum output of the measuring antenna. The output level at the spectrum analyzer is read sa "E".
3. Remove the EUT from the turn table and put the replacing antenna facing to measuring antenna at same height. Set the standard signal generator (SSG) at same frequency and transmit on then receive the signal.
4. Swing the replacing antenna give a maximum receiving level.
5. Move the measuring antenna height up and down within $\pm 50\text{cm}$ of replacing antenna height and swing it to find the maximum receiving level.
6. Set SSG output power at Pt to give the equivalent output level of "E" or caluate Pt with SSG output which gives the nearest of "E" and difference ($\pm 1\text{dB}$). Record the Pt.
7. Calculate EIRP by the formula below $\text{EIRP} = \text{Gt} - \text{L} + \text{Pt}$.
Gt: gain of replacing antenna (dBi)
L: feeder loss between SSG and replacing antenna
Pt: Output power of the SSG
8. If the antenna for the EUT has circular polarization, sum of V-field and H-field will be result if measuring antenna is linear polarization.

5.8.3 Test Setup





5.8.4 Test Results

Please see the attachment for data.

Note:

E.I.R.P (dBm) = Conducted power (dBm) + antenna gain (dBi).

Directional gain = GANT + 10 log (NANT) dBi



5.9 Interference prevention function

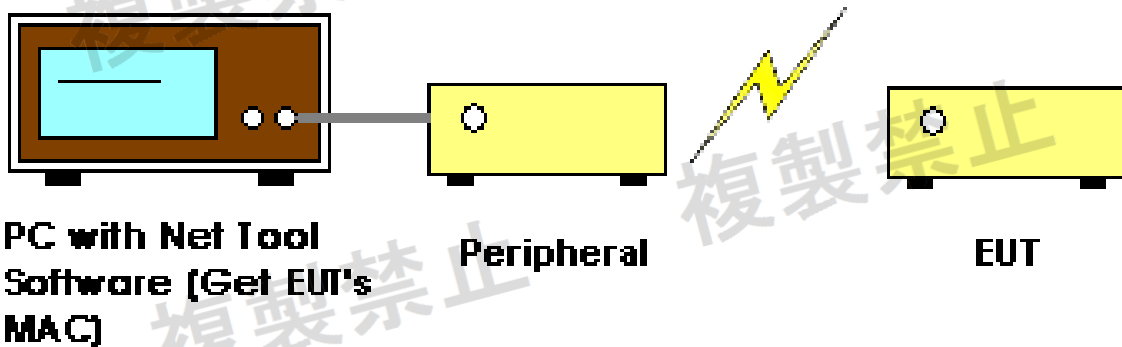
5.9.1 Limit

Product shall have the function of automatic transmission and reception of identification sign.
The code length of the identification code shall consist of 48 bits.

5.9.2 Test Procedure

1. In the case that the EUT has the function of automatically transmitting the identification code: a. Transmit the predetermined identification codes form EUT. b. Check the transmitted identification codes with the demodulator.
2. In the case of receiving the identification code: a. Transmit the predetermined identification codes form the counterpart. b. Check if communication is normal. c. Transmit the signals other than predetermined ID codes form the counterpart. d. check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

5.9.3 Test Setup



5.9.4 Test Results

Pass. The interference prevention function of EUT is good.
MAC Address: 44:42:15:03:19:23



5.10 Carrier Sense capability

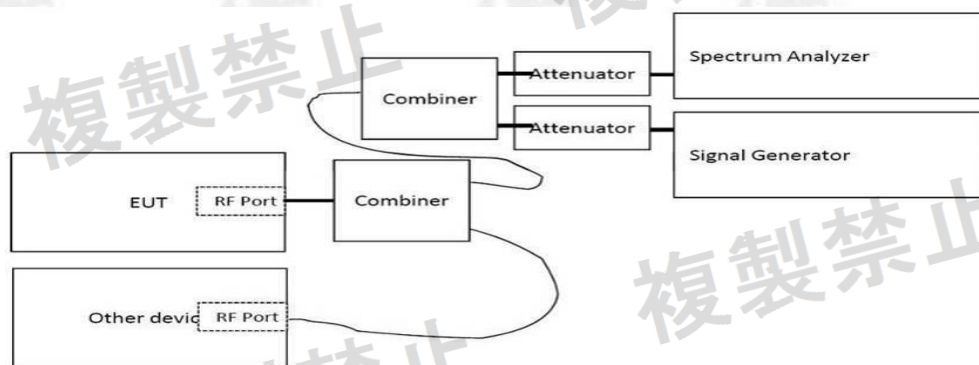
5.10.1 Limit

The device shall not transmit radio wave when receiving 100mW/m.

5.10.2 Test Procedure

The device is configured to communicate with another device as shown below. Once the communications link is established the is configured to produce a CW signal at the center frequency of the operating channel. The level of the signal generator is increased from a level approximately 30dB lower then the required carrier sense detection threshold (calculated based on the lowest antenna gain to be used with the device) until the device stops transmitting. This level is recorded as the carrier sense detection threshold.

5.10.3 Test Setup



5.10.4 Test Results



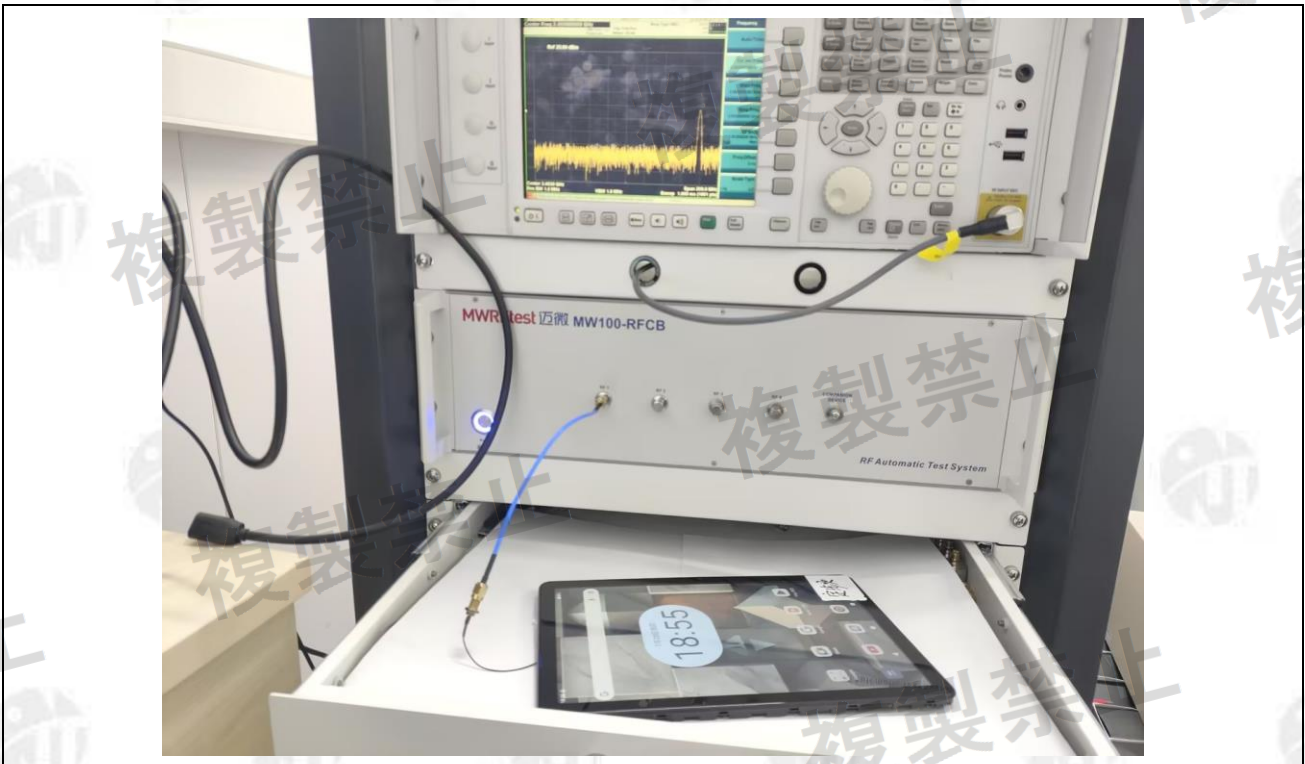
W52:

Mode	Condition	Channel (MHz)	Test result	Result
802.11a	Normal	5180	GOOD	Pass
		5200	GOOD	Pass
		5240	GOOD	Pass
802.11n20	Normal	5180	GOOD	Pass
		5200	GOOD	Pass
		5240	GOOD	Pass
802.11n40	Normal	5190	GOOD	Pass
		5230	GOOD	Pass
802.11ac20	Normal	5180	GOOD	Pass
		5200	GOOD	Pass
		5240	GOOD	Pass
802.11ac40	Normal	5190	GOOD	Pass
		5230	GOOD	Pass
802.11ac80	Normal	5210	GOOD	Pass

Note: All configurations have been tested, only the worst configuration normal voltage test data shown here.



6 Photographs of the Test Setup





7 Photographs of the EUT

Please see EUT Photo for details.

***** END OF REPORT *****