

TEST REPORT

Product : BE3600 Whole Home Mesh Wi-Fi 7 System
Trade mark : N/A
Model/Type reference : Mesh3EP, ME3 Pro, EE3 Pro
Serial Number : N/A
Report Number : EED32R80588401
Date of Issue : Jun. 05, 2025
Test Standards : ETSI EN 300 328 V2.2.2(2019-07)
Test result : PASS

Prepared for:

SHENZHEN TENDA TECHNOLOGY CO., LTD.
6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District,
Shenzhen, China. 518052

Prepared by:

Centre Testing International Group Co., Ltd.
Hongwei Industrial Zone, Bao'an 70 District,
Shenzhen, Guangdong, China
TEL: +86-755-3368 3668
FAX: +86-755-3368 3385

Compiled by:

Keven Tan.

Keven Tan

Reviewed by:

Frazer Li

Frazer Li

Approved by:

Aaron Ma

Aaron Ma

Date:

Jun. 05, 2025

Check No.:3513220425



1 Version

Version No.	Date	Description
00	Jun. 05, 2025	Original

2 Test Summary

Test Item	Test Requirement	Test Method	Limit	Result
RF output power	EN 300 328 V2.2.2 (2019-07)Clause 4.3.2.2	EN 300 328 V2.2.2 (2019-07)Clause 5.4.2	Refer clause 4.3.2.2.3	PASS
Power Spectral Density	EN 300 328 V2.2.2 (2019-07)Clause 4.3.2.3	EN 300 328 V2.2.2 (2019-07)Clause 5.4.3	Refer clause 4.3.2.3.3	PASS
Duty Cycle, Tx-sequence, Tx-gap	EN 300 328 V2.2.2 (2019-07)Clause 4.3.2.4	EN 300 328 V2.2.2 (2019-07)Clause 5.4.2	Refer clause 4.3.2.4.3	N/A ¹
Medium Utilization (MU) factor	EN 300 328 V2.2.2 (2019-07)Clause 4.3.2.5	EN 300 328 V2.2.2 (2019-07)Clause 5.4.2	Refer clause 4.3.2.5.3	N/A ²
Adaptivity	EN 300 328 V2.2.2 (2019-07)Clause 4.3.2.6	EN 300 328 V2.2.2 (2019-07)Clause 5.4.6	Refer clause 4.3.2.6.3.2	PASS
Occupied Channel Bandwidth	EN 300 328 V2.2.2 (2019-07)Clause 4.3.2.7	EN 300 328 V2.2.2 (2019-07)Clause 5.4.7	Refer clause 4.3.2.7.3	PASS
Transmitter unwanted emissions in the out-of- band domain	EN 300 328 V2.2.2 (2019-07)Clause 4.3.2.8	EN 300 328 V2.2.2 (2019-07)Clause 5.4.8	Refer clause 4.3.2.8.3	PASS
Transmitter unwanted emissions in the spurious domain	EN 300 328 V2.2.2 (2019-07)Clause 4.3.2.9	EN 300 328 V2.2.2 (2019-07)Clause 5.4.9	Refer clause 4.3.2.9.3	PASS
Receiver spurious emissions	EN 300 328 V2.2.2 (2019-07)Clause 4.3.2.10	EN 300 328 V2.2.2 (2019-07)Clause 5.4.10	Refer clause 4.3.2.10.3	PASS
Receiver Blocking	EN 300 328 V2.2.2 (2019-07)Clause 4.3.2.11	EN 300 328 V2.2.2 (2019-07)Clause 5.4.11	Refer clause 4.3.2.11.4	PASS
Geo-location capability	EN 300 328 V2.2.2 (2019-07)Clause 4.3.2.12	EN 300 328 V2.2.2 (2019-07)Clause 4.3.2.12	Refer Clause 4.3.2.12.3	N/A ³

Remark:

N/A¹: Because these requirements apply to non-adaptive frequency hopping equipment mode and RF output power of greater than or equal to 10 dBm.

N/A²: Because these requirements apply to non-adaptive frequency hopping equipment mode and RF output power of greater than or equal to 10 dBm.

N/A³: Because these requirements apply to equipment with geo-location capability

Tx: In this whole report Tx (or tx) means Transmitter.

Rx: In this whole report Rx (or rx) means Receiver.

RF: In this whole report RF means Radiated Frequency.

CH: In this whole report CH means channel.

Volt: In this whole report Volt means Voltage.

Temp: In this whole report Temp means Temperature.

Humid: In this whole report Humid means humidity.

Press: In this whole report Press means Pressure.

N/A: In this whole report not application.

Model No.: Mesh3EP, ME3 Pro, EE3 Pro

Only the model Mesh3EP was tested, since the electrical circuit design, layout, components used and internal wiring were identical for the above models, with difference being color of appearance, pack and model name.

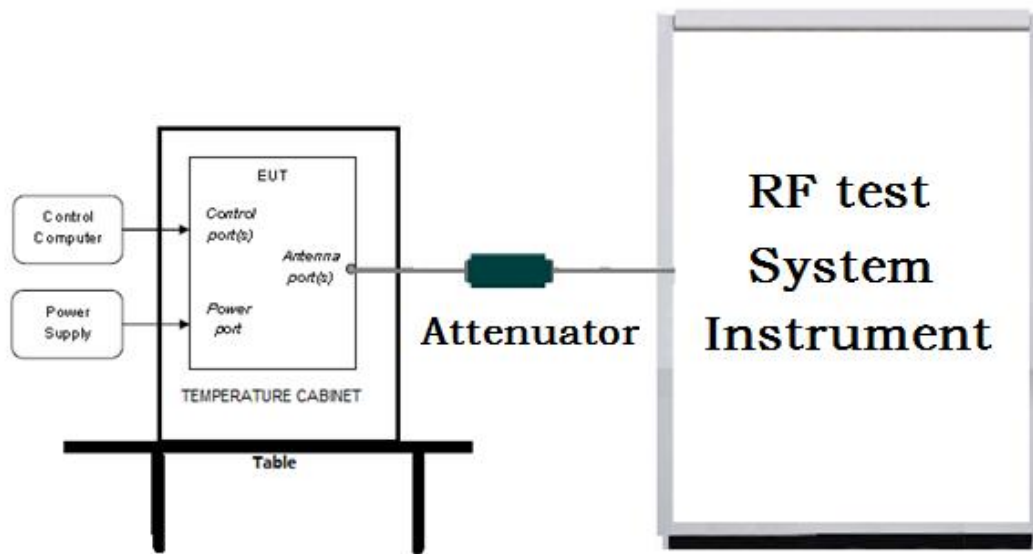
3 Content

1 VERSION	2
2 TEST SUMMARY	3
3 CONTENT	4
4 TEST REQUIREMENT	5
4.1 TEST SETUP	5
4.1.1 For Conducted test setup	5
4.1.2 For Radiated Emissions test setup	5
4.2 TEST ENVIRONMENT	6
4.3 TEST CONDITION	6
5 GENERAL INFORMATION	7
5.1 CLIENT INFORMATION	7
5.2 GENERAL DESCRIPTION OF EUT	7
5.3 OTHER INFORMATION	9
5.4 DESCRIPTION OF SUPPORT UNITS	9
5.5 TEST LOCATION	9
5.6 DEVIATION FROM STANDARDS	9
5.7 ABNORMALITIES FROM STANDARD CONDITIONS	9
5.8 OTHER INFORMATION REQUESTED BY THE CUSTOMER	10
5.9 MEASUREMENT UNCERTAINTY (95% CONFIDENCE LEVELS, K=2)	10
6 EQUIPMENT LIST	11
7 RADIO TECHNICAL REQUIREMENTS SPECIFICATION	13
Appendix A: Spurious emissions	14
PHOTOGRAPHS OF TEST SETUP	19
PHOTOGRAPHS OF EUT CONSTRUCTIONAL DETAILS	20

4 Test Requirement

4.1 Test setup

4.1.1 For Conducted test setup



4.1.2 For Radiated Emissions test setup

Radiated Emissions setup:

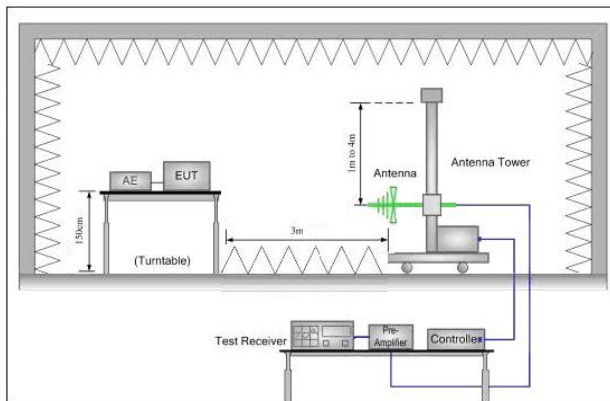


Figure 1. 30MHz to 1GHz

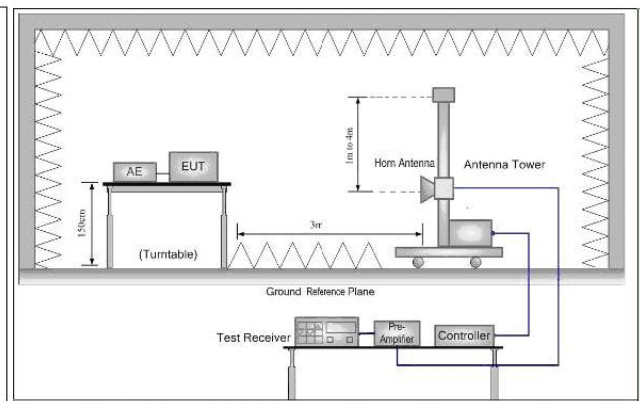


Figure 2. Above 1GHz

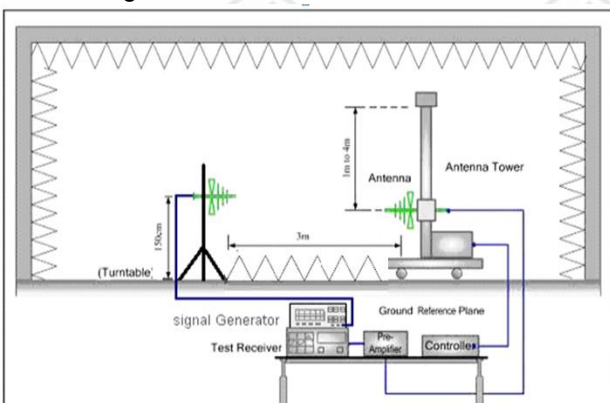


Figure 1. 30MHz to 1GHz

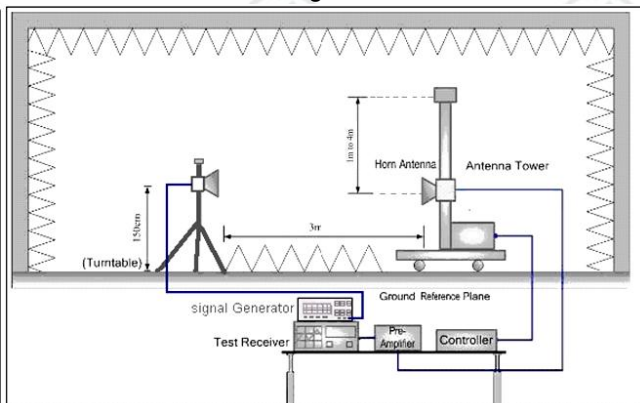


Figure 2. Above 1GHz

4.2 Test Environment

Environment Parameter	Selected Values During Tests		
Test condition	Ambient		
	Temperature(°C)	Voltage(V)	Relative Humidity(%)
NT/NV	22	DC 12.0	55
LT/NV	0	DC 12.0	55
HT/NV	40	DC 12.0	55

Note:

- 1) The EUT just work in such extreme temperature of 0°C~+40°C, so here the EUT is tested in the temperature of 0°C~+40°C
- 2) NV: Normal Voltage NT:Normal Temperature
LT: Low Extreme Test Temperature HT: High Extreme Test Temperature

5.1.2 Normal test conditions

5.1.2.1 Normal temperature and humidity

Unless otherwise declared by the manufacturer, the normal temperature and humidity conditions for tests shall be any convenient combination of temperature and humidity within the following ranges:

- temperature: +15 °C to +35 °C;
- relative humidity: 20 % to 75 %.

The actual values during the tests shall be recorded.

5.1.2.2 Normal power source

The normal test voltage for the equipment shall be the nominal voltage for which the equipment was designed.

5.1.3 Extreme test conditions

Some tests in the present document need to be repeated at extreme temperatures. Where that is the case, measurements shall be made over the extremes of the operating temperature range as declared by the manufacturer.

4.3 Test Condition

Test channel

Test Mode	Tx/Rx	RF Channel		
		Low(L)	Middle(M)	High(H)
802.11b	2412MHz ~2472MHz	Channel 1	Channel 7	Channel 13
		2412MHz	2442MHz	2472MHz
802.11g	2412MHz ~2472MHz	Channel 1	Channel 7	Channel 13
		2412MHz	2442MHz	2472MHz
802.11n(HT20)/ax(H E20)/be(EHT20)	2412MHz ~2472MHz	Channel 1	Channel 7	Channel 13
		2412MHz	2442MHz	2472MHz
802.11n(HT40)/ax(H E40)/be(EHT40)	2422MHz ~2462MHz	Channel 1	Channel 5	Channel 9
		2422MHz	2442MHz	2462MHz

Through Pre-scan all rate, 1Mbps of rate the power is the worst case of 802.11b; 6Mbps of rate the power is the worst case of 802.11g; 6.5Mbps of rate the power is the worst case of 802.11n(HT20); 13.5Mbps of rate the power is the worst case of 802.11n(HT40); only the worse case was recorded in the report.

5 General Information

5.1 Client Information

Applicant:	SHENZHEN TENDA TECHNOLOGY CO., LTD.
Address of Applicant:	6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052
Manufacturer:	SHENZHEN TENDA TECHNOLOGY CO., LTD.
Address of Manufacturer:	6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052
Factory:	SHENZHEN TENDA TECHNOLOGY CO., LTD.
Address of Factory:	6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052

5.2 General Description of EUT

Product Name:	BE3600 Whole Home Mesh Wi-Fi 7 System
Model No.:	Mesh3EP, ME3 Pro, EE3 Pro
Test model No.:	Mesh3EP
Trade mark:	N/A
Type of Modulation:	IEEE for 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE for 802.11g :OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE for 802.11n(HT20 and HT40) : OFDM (64QAM, 16QAM,QPSK,BPSK) IEEE for 802.11ax(HE20 and HE40) : OFDM (1024QAM, 256QAM, 64QAM, 16QAM,QPSK,BPSK) IEEE for 802.11be(EHT20 and EHT40) : OFDM (4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM,QPSK,BPSK)
Operating Frequency:	IEEE 802.11b/g/n(HT20)/ax(HE20)/be(EHT20): 2412MHz to 2472MHz IEEE 802.11n(HT40)/11ax(HE40)/be(EHT40): 2422MHz to 2462MHz
Channels Step:	Channels with 5MHz step
Transmit Data Rate:	802.11b:1M/2M/5.5M/11M bps 802.11g:6M/9M/12M/18M/24M/36M/48M/54M bps 802.11n(HT20): 6.5M/13M/19.5M/26M/39M/52M/58.5M/64M bps 802.11n(HT40): 13.5M/27M/40.5M/54M/81M/108M/121.5M/135M bps 802.11ax(HE20): 8.6M/17.2M/25.8M/34.4M/51.6M/68.8M/77.4M/86M/103.2M/114.7M/129M/143.4M bps 802.11ax(HE40): 17.2M/34.4M/51.6M/68.8M/103.2M/137.6M/154.9M/172M/206.5M/229.4M/258.1M/286.8M bps 802.11be(EHT20): 7M/15M/22M/29M/44M/59M/66M/73M/88M/98M/110M/122M/131M/146M bps 802.11be(EHT40): 15M/29M/44M/59M/88M/M/117M/132M/146M/176M/195/219M/244/263/293M bps
Sample Type:	Fixed-Use
Test Power Grade:	default

Test Software of EUT:	QATool_Dbg.exe	
Antenna Type:	PCB Antenna	
Antenna Gain:	ANT0: 4.09dBi ANT1: 3.90dBi Beamforming Gain: 3dBi	
Power Supply:	Adapter1:	Model No.:BW0241202000WE Input: AC 100-240V,50/60Hz.0.6A Output: DC 12V/2A
	Adapter2:	Model No.:BW0241202000WG Input: AC 100-240V,50/60Hz.0.6A Output: DC 12V/2A
Test voltage:	DC 12V	

5.3 Other Information

Sample Received Date:	Apr. 24, 2025
Sample tested Date:	Apr. 24, 2025 to May 22, 2025

Operation Frequency each of channel(802.11b/g/n HT20/ax HE20 /be EHT20)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	5	2432	9	2452	13	2472
2	2417	6	2437	10	2457		
3	2422	7	2442	11	2462		
4	2427	8	2447	12	2467		

Operation Frequency each of channel(802.11n HT40/ax HE40/be EHT20)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2422	4	2437	7	2452
2	2427	5	2442	8	2457
3	2432	6	2447	9	2462

5.4 Description of Support Units

The EUT has been tested with associated equipment below.

1) Support equipment

Description	Manufacturer	Model No.	Certification	Supplied by
Netbook	Asus	FL8700JP1065-0D8GXYQ2X10	FCC&CE	CTI

5.5 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd.

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

Telephone: +86 (0) 755 3368 3668 Fax: +86 (0) 755 3368 3385

No tests were sub-contracted.

5.6 Deviation from Standards

None.

5.7 Abnormalities from Standard Conditions

None.

5.8 Other Information Requested by the Customer

None.

5.9 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Occupied Bandwidth	0.52dB
2	RF Power conducted	0.46dB(30MHz-1GHz)
		0.55dB(1GHz-18GHz)
3	Power Spectral Density, conducted	0.57dB
4	Unwanted Emission, conducted	0.46dB(30MHz-1GHz)
		0.55dB(1GHz-18GHz)
5	All Emission, radiated	4.9dB(30MHz-1GHz)
		4.7dB(1GHz-18GHz)
6	Temperature test	0.64°C
7	Humidity test	3.8%
8	DC and low frequency voltages test	0.026%

6 Equipment List

RF test system					
Equipment	Manufacturer	Model No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Spectrum Analyzer	Keysight	N9010A	MY54510339	12-05-2024	12-104-2025
Signal Generator	Keysight	N5182B	MY53051549	11-30-2024	11-29-2025
DC Power	Keysight	E3642A	MY56376072	11-30-2024	11-29-2025
Communication test set	R&S	CMW500	169004	03-03-2025	03-02-2026
RF control unit(power unit)	JS Tonscend	JS0806-2	22G8060592	07-22-2024	07-21-2025
Wi-Fi 7GHz Band Extender	JS Tonscend	TS-WF7U2	2206200002	05-31-2024	05-30-2025
High-low temperature test chamber	Dong Guang Qin Zhuo	LK-80GA	QZ20150611879	11-30-2024	11-29-2025
Temperature/ Humidity Indicator	biaozhi	HM10	1804186	05-29-2024	05-28-2025
BT&WI-FI Automatic test software	JS Tonscend	JS1120-3	V3.3.20	---	---
Spectrum Analyzer	R&S	FSV3044	101509	02-14-2025	02-13-2026

3M full-anechoic Chamber					
Equipment	Manufacturer	Model No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Fully Anechoic Chamber	TDK	FAC-3	---	01-09-2024	01-08-2027
Receiver	Keysight	N9038A	MY57290136	01-04-2025	01-03-2026
Spectrum Analyzer	Keysight	N9020B	MY57111112	01-14-2025	01-13-2026
Spectrum Analyzer	Keysight	N9030B	MY57140871	01-14-2025	01-13-2026
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	9163-1148	04-12-2025	04-11-2026
Horn Antenna	Schwarzbeck	BBHA 9170	9170-832	04-12-2025	04-11-2026
Horn Antenna	ETS-LINDGREN	3117	57407	07-03-2024	07-02-2025
Preamplifier	EMCI	EMC001330	980563	03-03-2025	03-02-2026
Preamplifier	Tonscend	TAP-011858	AP21B806112	07-18-2024	07-17-2025
Preamplifier	Tonscend	EMC051845SE	980380	12-05-2024	12-04-2025
Communication test set	R&S	CMW500	102898	01-04-2025	01-03-2026
Temperature/ Humidity Indicator	biaozhi	GM1360	EE1186631	03-31-2025	03-30-2026
RSE Automatic test software	JS Tonscend	JS36-RSE	V4.0.0.0	---	---
Cable line	Times	SFT205-NMSM-2.50M	394812-0001		---
Cable line	Times	SFT205-NMSM-2.50M	394812-0002	---	---
Cable line	Times	SFT205-NMSM-2.50M	394812-0003	---	---
Cable line	Times	SFT205-NMSM-2.50M	393495-0001	---	---
Cable line	Times	EMC104-NMNM-1000	SN160710	---	---
Cable line	Times	SFT205-NMSM-3.00M	394813-0001	---	---
Cable line	Times	SFT205-NMNM-1.50M	381964-0001	---	---
Cable line	Times	SFT205-NMSM-7.00M	394815-0001	---	---
Cable line	Times	HF160-KMKM-3.00M	393493-0001	---	---

7 Radio Technical Requirements Specification

Reference documents for testing:

No.	Identity	Document Title
1	ETSI EN 300 328 V2.2.2 (2019-07)	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum

Test Results List:

ETSI EN 300 328 V2.2.2 (2019-07)		Test Descriptions & Test Conditions	Verdict	Note
Test Requirement	Test Method			
Clause 4.3.2.2	Clause 5.4.2	RF output power		Note 1
		NT/NV	PASS	
		LT/NV	PASS	
		HT/NV	PASS	
Clause 4.3.2.3	Clause 5.4.3	Power Spectral Density		Note 1
		NT/NV	PASS	
Clause 4.3.2.4	Clause 5.4.2	Duty Cycle, Tx-sequence, Tx-gap		N/A
		NT/NV	N/A	
Clause 4.3.2.5	Clause 5.4.2	Medium Utilisation (MU) factor		N/A
		NT/NV	N/A	
Clause 4.3.2.6	Clause 5.4.6	Adaptivity (adaptive equipment using modulations other than FHSS)		Note 1
		NT/NV	PASS	
Clause 4.3.2.7	Clause 5.4.7	Occupied Channel Bandwidth		Note 1
		NT/NV	PASS	
Clause 4.3.2.8	Clause 5.4.8	Transmitter unwanted emissions in the out-of-band domain		Note 1
		NT/NV	PASS	
Clause 4.3.2.11	Clause 5.4.11	Receiver Blocking		Note 1
		NT/NV	PASS	
Clause 4.3.2.9	Clause 5.4.9	Transmitter unwanted emissions in the spurious domain		Appendix A
		NT/NV	PASS	
Clause 4.3.2.10	Clause 5.4.10	Receiver spurious emissions		Appendix A
		NT/NV	PASS	

Note 1: The test data please refer to Appendix: 2.4G Wi-Fi of EED32R80588401

Appendix A: Spurious emissions

Test Procedure:		
<ol style="list-style-type: none"> Scan from 30MHz to 12.75GHz; find the maximum radiation frequency to measure. The technique used to find the Spurious Emissions of the transmitter was the antenna substitution method. Substitution method was performed to determine the actual ERP/EIRP emission levels of the EUT. 		
Test procedure as below:		
<ol style="list-style-type: none"> The EUT was powered ON and placed on a 1.5m hight table at a 3 meter fully Anechoic Chamber. The antenna of the transmitter was extended to its maximum length. Modulation mode and the measuring receiver shall be tuned to the frequency of the transmitter under test. The EUT was set 3 meters (above 18GHz the distance is 1 meter) away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. The disturbance of the transmitter was maximized on the test receiver display by raising and lowering from 1m to 4m the receive antenna and by rotating through 360° the turntable. After the fundamental emission was maximized, a field strength measurement was made. Steps 1) to 3) were performed with the EUT and the receive antenna in both vertical and horizontal polarization. The transmitter was then removed and replaced with another antenna. The center of the antenna was approximately at the same location as the center of the transmitter. A signal at the disturbance was fed to the substitution antenna by means of a non-radiating cable. With both the substitution and the receive antennas horizontally polarized, the receive antenna was raised and lowered to obtain a maximum reading at the test receiver. The level of the signal generator was adjusted until the measured field strength level in step 3) is obtained for this set of conditions. The output power into the substitution antenna was then measured. Steps 6) and 7) were repeated with both antennas polarized. Calculate power in dBm by the following formula: $\text{ERP(dBm)} = \text{Pg(dBm)} - \text{cable loss (dB)} + \text{antenna gain (dBd)}$ $\text{EIRP(dBm)} = \text{Pg(dBm)} - \text{cable loss (dB)} + \text{antenna gain (dBi)}$ $\text{EIRP} = \text{ERP} + 2.15\text{dB}$ 		
where:		
Pg is the generator output power into the substitution antenna.		
10) Test the EUT in the lowest channel , the Highest channel		
11) Repeat above procedures until all frequencies measured was complete..		
Limit:	Transmitter limits for spurious emissions	
	Frequency range	Maximum power, e.r.p. (≤ 1 GHz) e.i.r.p. (> 1 GHz)
	30MHz to 47MHz	-36dBm
	47MHz to 74MHz	-54dBm
	74MHz to 87,5MHz	-36dBm
	87,5MHz to 118MHz	-54dBm
	118MHz to 174MHz	-36dBm
	174MHz to 230MHz	-54dBm
	230MHz to 470MHz	-36dBm
	470MHz to 694MHz	-54dBm
	694MHz to 1GHz	-36dBm
	1GHz to 12.75GHz	-30dBm
	Spurious emission limits for receivers	
	Frequency range	Maximum power e.r.p. (≤ 1 GHz) e.i.r.p. (> 1 GHz)
	30MHz to 1GHz	-57dBm
	1GHz to 12.75GHz	-47dBm

Radiated Spurious Emissions test Data:

1) Transmitter unwanted emissions in the spurious domain

Remark: Through Pre-scan, for 20MHz Occupied Bandwidth, 802.11 b mode was the worst case; for 40MHz

Occupied Bandwidth, 802.11 be(EHT40) mode was the worst case; only the worst case was in the report.

ANT 0:

Mode:		802.11 b Transmitting						
Channel:		2412 MHz						
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	56.2514	150	352	-56.94	-54.00	2.94	Pass	Horizontal
2	104.0038	150	324	-57.17	-54.00	3.17	Pass	Horizontal
3	500.0742	150	149	-61.71	-54.00	7.71	Pass	Horizontal
4	1919.4919	150	157	-44.58	-30.00	14.58	Pass	Horizontal
5	4665.411	150	87	-49.70	-30.00	19.70	Pass	Horizontal
6	12461.3808	150	97	-44.65	-30.00	14.65	Pass	Horizontal
7	65.9519	150	3	-57.46	-54.00	3.46	Pass	Vertical
8	103.8038	150	88	-60.70	-54.00	6.70	Pass	Vertical
9	500.0242	150	80	-60.91	-54.00	6.91	Pass	Vertical
10	1399.64	150	80	-47.96	-30.00	17.96	Pass	Vertical
11	4664.761	150	164	-44.80	-30.00	14.80	Pass	Vertical
12	12530.2854	150	138	-45.25	-30.00	15.25	Pass	Vertical

Mode:		802.11 b Transmitting						
Channel:		2472 MHz						
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.5209	150	217	-58.96	-54.00	4.96	Pass	Horizontal
2	91.8922	150	56	-58.23	-54.00	4.23	Pass	Horizontal
3	500.012	150	56	-60.94	-54.00	6.94	Pass	Horizontal
4	1696.0696	150	332	-46.15	-30.00	16.15	Pass	Horizontal
5	4943.6296	150	79	-48.74	-30.00	18.74	Pass	Horizontal
6	12536.7858	150	232	-44.92	-30.00	14.92	Pass	Horizontal
7	66.6697	150	104	-59.63	-54.00	5.63	Pass	Vertical
8	91.9892	150	112	-63.41	-54.00	9.41	Pass	Vertical
9	500.012	150	310	-61.78	-54.00	7.78	Pass	Vertical
10	1344.6345	150	50	-48.22	-30.00	18.22	Pass	Vertical
11	4664.761	150	168	-44.43	-30.00	14.43	Pass	Vertical
12	12560.1873	150	58	-45.10	-30.00	15.10	Pass	Vertical

Mode:		802.11 be(EHT40) Transmitting						
Channel:		2422 MHz						
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.6015	150	54	-57.45	-54.00	3.45	Pass	Horizontal
2	92.5532	150	81	-57.54	-54.00	3.54	Pass	Horizontal
3	500.0742	150	116	-60.86	-54.00	6.86	Pass	Horizontal
4	1806.8807	150	147	-44.61	-30.00	14.61	Pass	Horizontal
5	4665.411	150	92	-50.01	-30.00	20.01	Pass	Horizontal
6	12434.0789	150	68	-45.32	-30.00	15.32	Pass	Horizontal
7	64.5518	150	96	-58.83	-54.00	4.83	Pass	Vertical
8	103.5538	150	207	-60.05	-54.00	6.05	Pass	Vertical
9	500.0242	150	80	-60.94	-54.00	6.94	Pass	Vertical
10	1662.0662	150	147	-45.17	-30.00	15.17	Pass	Vertical
11	4664.761	150	166	-44.26	-30.00	14.26	Pass	Vertical
12	12408.0772	150	220	-45.12	-30.00	15.12	Pass	Vertical

Mode:		802.11 be(EHT40) Transmitting						
Channel:		2462 MHz						
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	66.5727	150	113	-61.88	-54.00	7.88	Pass	Horizontal
2	94.3174	150	113	-59.20	-54.00	5.20	Pass	Horizontal
3	208.8859	150	5	-68.56	-54.00	14.56	Pass	Horizontal
4	1887.8888	150	268	-43.67	-30.00	13.67	Pass	Horizontal
5	4665.411	150	184	-49.95	-30.00	19.95	Pass	Horizontal
6	10389.0426	150	266	-47.76	-30.00	17.76	Pass	Horizontal
7	59.879	150	26	-61.56	-54.00	7.56	Pass	Vertical
8	106.8317	150	71	-59.95	-54.00	5.95	Pass	Vertical
9	208.8859	150	0	-63.38	-54.00	9.38	Pass	Vertical
10	1612.4612	150	294	-47.02	-30.00	17.02	Pass	Vertical
11	4664.761	150	174	-44.21	-30.00	14.21	Pass	Vertical
12	9024.6016	150	77	-49.50	-30.00	19.50	Pass	Vertical

2) Receiver spurious emissions test data

Remark: Through Pre-scan, for 20MHz Occupied Bandwidth, 802.11 b mode was the worst case; for 40MHz Occupied Bandwidth, 802.11 n(HT40) mode was the worst case; only the worst case was in the report.

Mode:		802.11 b Receiving						
Channel:		2412 MHz						
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	50.9541	150	256	-67.16	-57.00	10.16	Pass	Horizontal
2	88.2058	150	155	-62.52	-57.00	5.52	Pass	Horizontal
3	750.103	150	196	-66.43	-57.00	9.43	Pass	Horizontal
4	2280.2265	150	204	-62.36	-47.00	15.36	Pass	Horizontal
5	5600.9425	150	324	-63.05	-47.00	16.05	Pass	Horizontal
6	9689.5595	150	93	-58.37	-47.00	11.37	Pass	Horizontal
7	55.6106	150	261	-63.88	-57.00	6.88	Pass	Vertical
8	102.2722	150	71	-66.76	-57.00	9.76	Pass	Vertical
9	724.8805	150	341	-70.06	-57.00	13.06	Pass	Vertical
10	2039.927	150	19	-60.12	-47.00	13.12	Pass	Vertical
11	5017.5259	150	194	-62.28	-47.00	15.28	Pass	Vertical
12	9679.5715	150	116	-58.23	-47.00	11.23	Pass	Vertical

Mode:		802.11 b Receiving						
Channel:		2472 MHz						
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.1328	150	74	-66.37	-57.00	9.37	Pass	Horizontal
2	104.1154	150	56	-62.24	-57.00	5.24	Pass	Horizontal
3	750.006	150	357	-66.43	-57.00	9.43	Pass	Horizontal
4	2280.2265	150	171	-62.54	-47.00	15.54	Pass	Horizontal
5	6465.1983	150	234	-60.25	-47.00	13.25	Pass	Horizontal
6	10257.1129	150	189	-57.94	-47.00	10.94	Pass	Horizontal
7	87.0417	150	80	-64.03	-57.00	7.03	Pass	Vertical
8	208.8859	150	341	-66.24	-57.00	9.24	Pass	Vertical
9	730.119	150	141	-68.41	-57.00	11.41	Pass	Vertical
10	2280.2265	150	46	-58.83	-47.00	11.83	Pass	Vertical
11	4508.1379	150	297	-63.87	-47.00	16.87	Pass	Vertical
12	10265.3383	150	106	-58.13	-47.00	11.13	Pass	Vertical

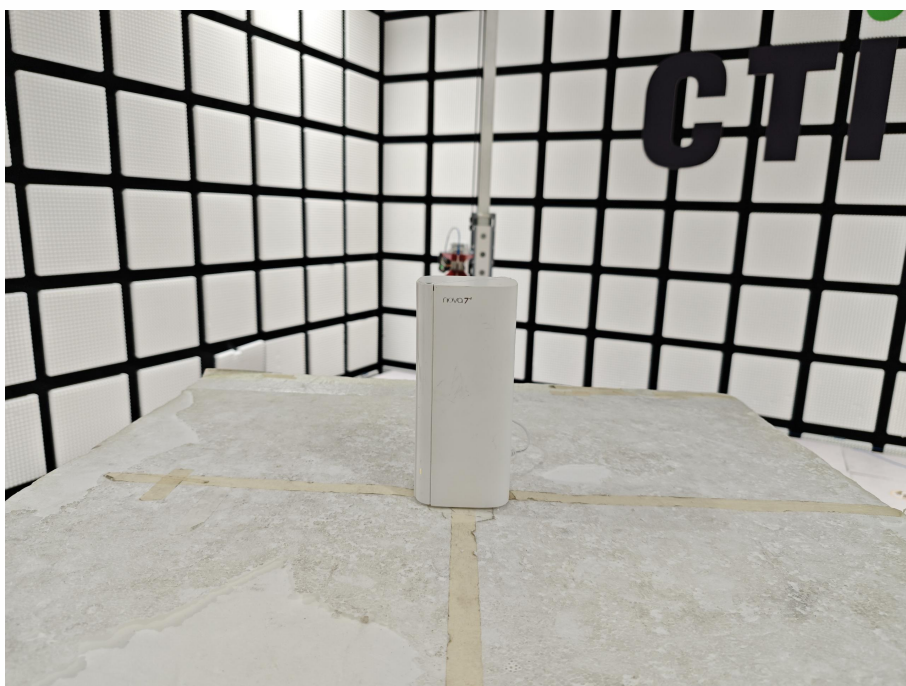
Mode:		802.11 be(EHT40) Receiving						
Channel:		2422 MHz						
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	90.049	150	281	-76.48	-57.00	19.48	Pass	Horizontal
2	309.97	150	237	-75.67	-57.00	18.67	Pass	Horizontal
3	812.5773	150	290	-74.32	-57.00	17.32	Pass	Horizontal
4	1900.095	150	336	-62.28	-47.00	15.28	Pass	Horizontal
5	3798.4024	150	336	-63.43	-47.00	16.43	Pass	Horizontal
6	8452.8101	150	50	-58.18	-47.00	11.18	Pass	Horizontal
7	66.0876	150	357	-73.24	-57.00	16.24	Pass	Vertical
8	208.8859	150	9	-69.12	-57.00	12.12	Pass	Vertical
9	750.103	150	324	-70.60	-57.00	13.60	Pass	Vertical
10	1691.5221	150	81	-63.03	-47.00	16.03	Pass	Vertical
11	3553.4027	150	108	-63.31	-47.00	16.31	Pass	Vertical
12	9298.8524	150	224	-54.52	-47.00	7.52	Pass	Vertical

Mode:		802.11 be(EHT40) Receiving						
Channel:		2462 MHz						
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.3122	150	207	-76.65	-57.00	19.65	Pass	Horizontal
2	248.5629	150	72	-64.57	-57.00	7.57	Pass	Horizontal
3	497.1987	150	85	-63.01	-57.00	6.01	Pass	Horizontal
4	1286.1268	150	35	-69.33	-47.00	22.33	Pass	Horizontal
5	2999.9500	150	85	-65.02	-47.00	18.02	Pass	Horizontal
6	6720.1860	150	145	-57.09	-47.00	10.09	Pass	Horizontal
7	37.0817	150	252	-66.45	-57.00	9.45	Pass	Vertical
8	184.3424	150	80	-69.14	-57.00	12.14	Pass	Vertical
9	556.8597	150	348	-64.14	-57.00	7.14	Pass	Vertical
10	2158.0204	150	238	-69.68	-47.00	22.68	Pass	Vertical
11	4455.2603	150	92	-65.49	-47.00	18.49	Pass	Vertical
12	6720.1860	150	116	-59.50	-47.00	12.50	Pass	Vertical

PHOTOGRAPHS OF TEST SETUP



Radiated spurious emission Test Setup-1(Below 1GHz)

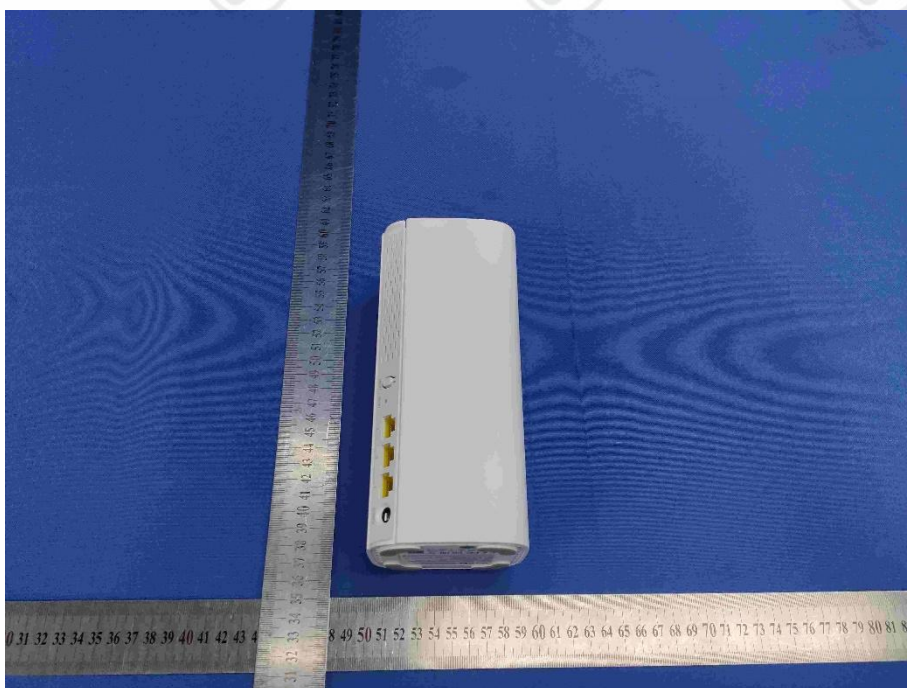


Radiated spurious emission Test Setup-2(Above 1GHz)

PHOTOGRAPHS OF EUT Constructional Details



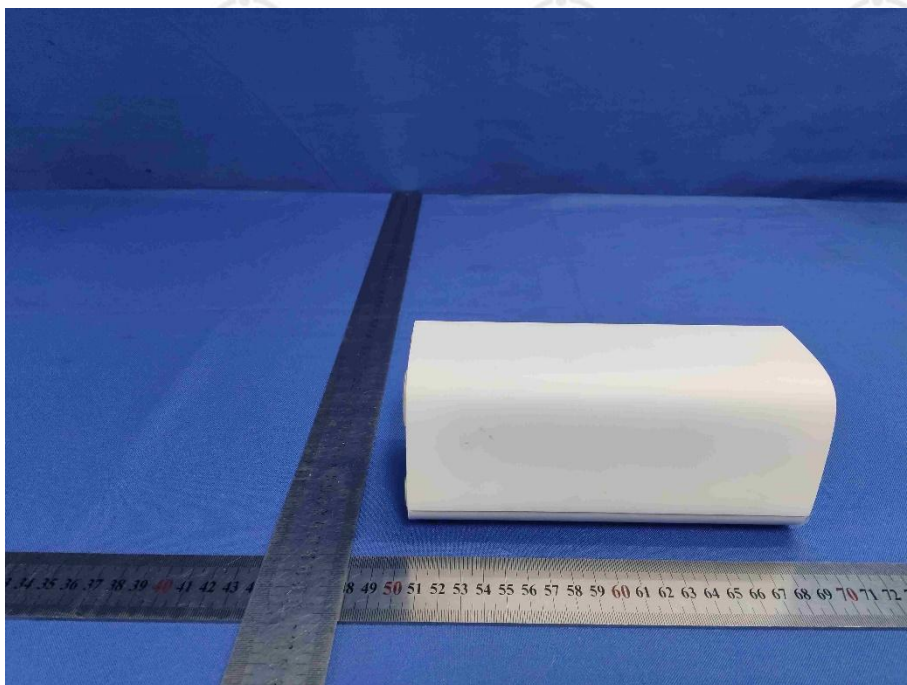
View Of Product-01



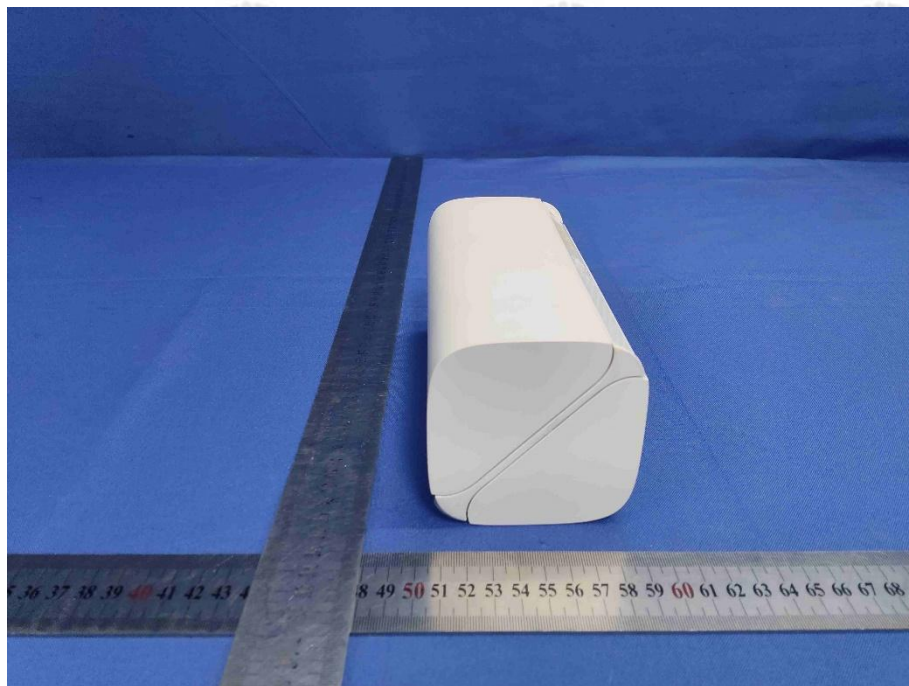
View Of Product-02



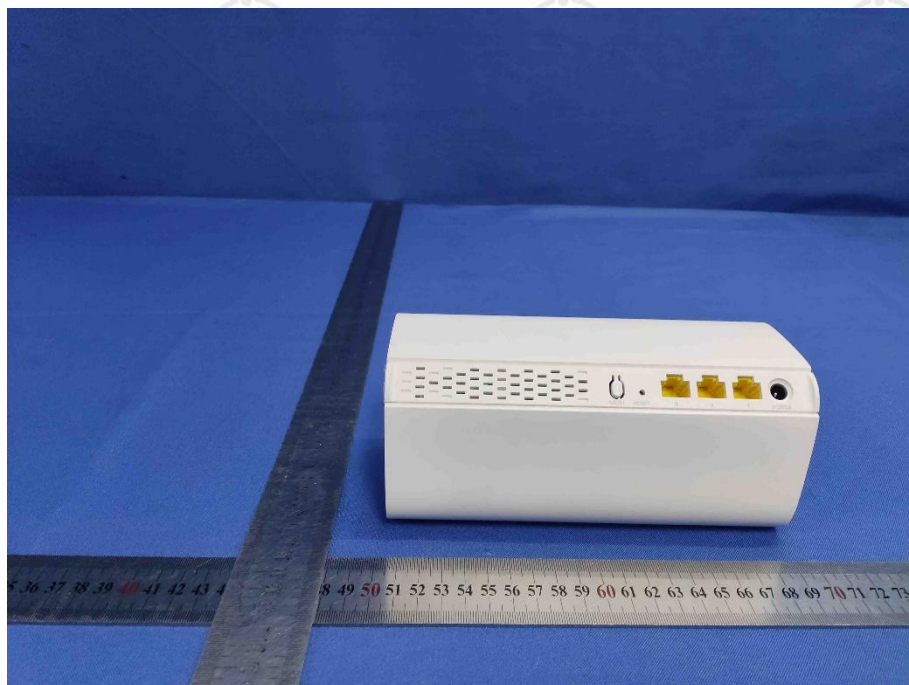
View Of Product-03



View Of Product-04



View Of Product-05



View Of Product-06



View Of Product-07



View Of Product-08



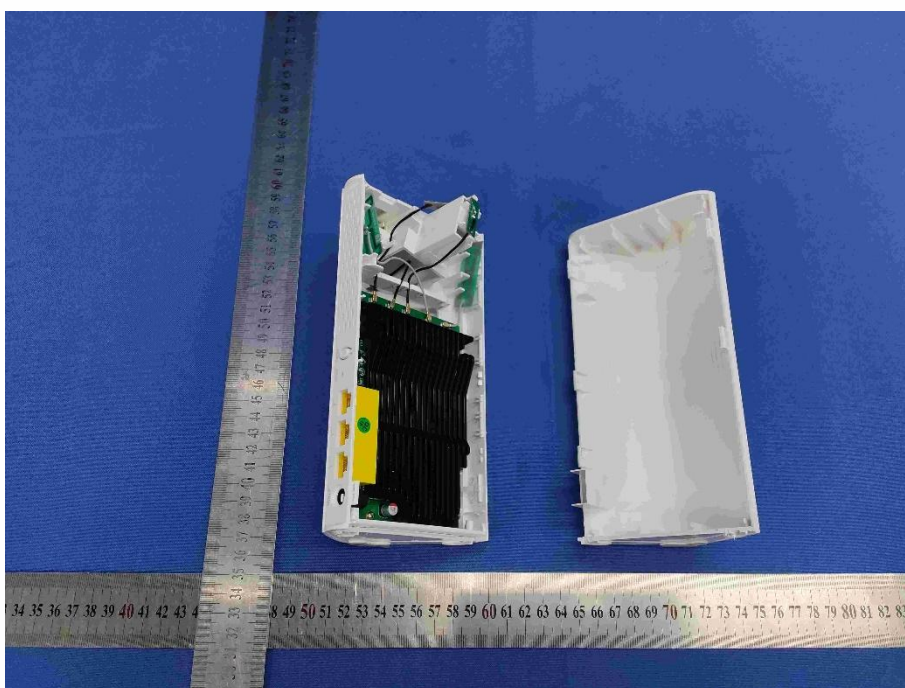
View Of Product-09



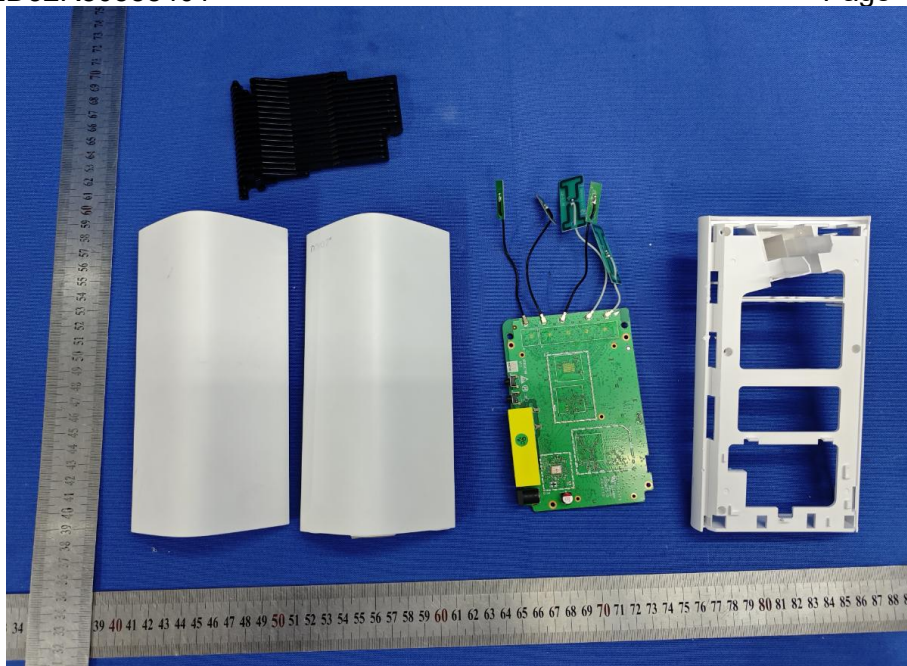
View Of Product-10



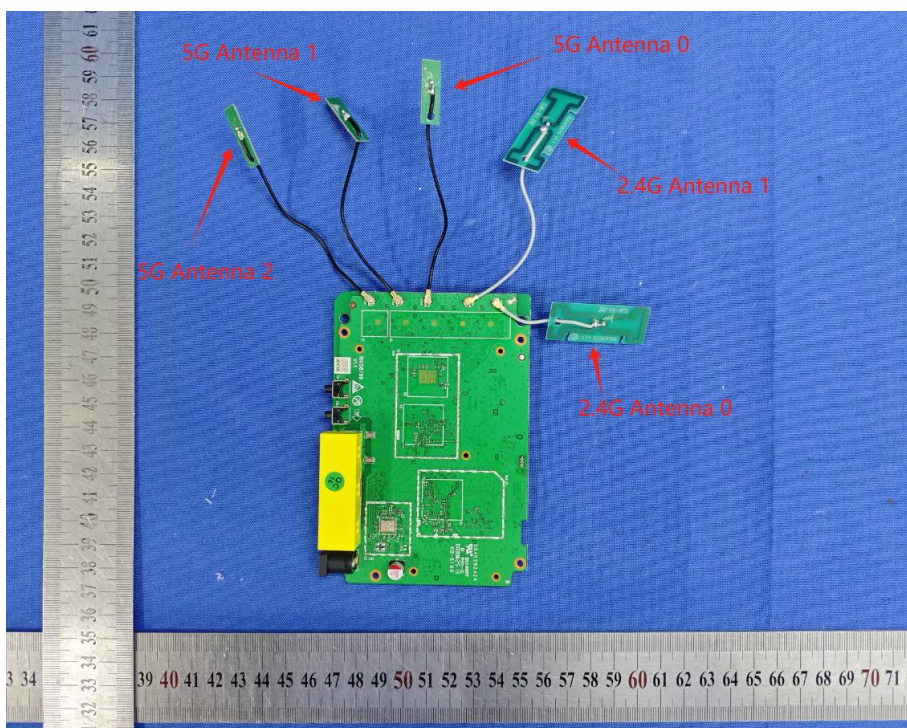
View Of Product-11



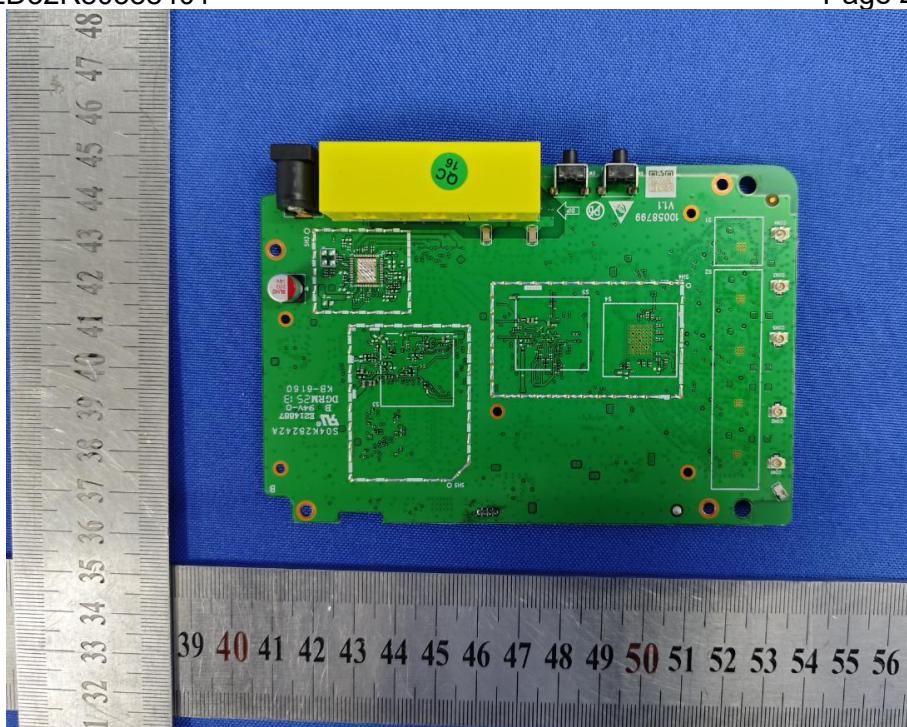
View Of Product-12



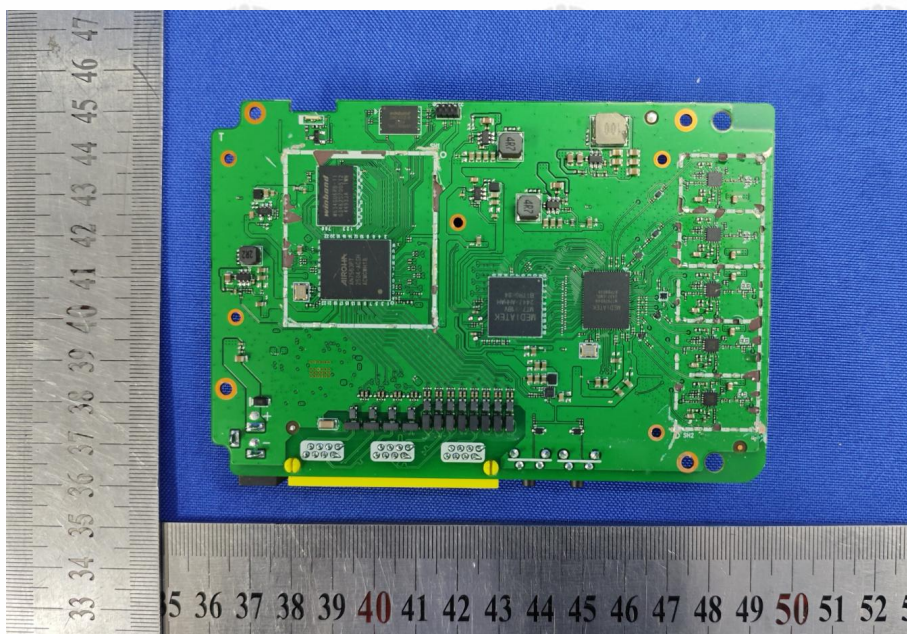
View Of Product-13



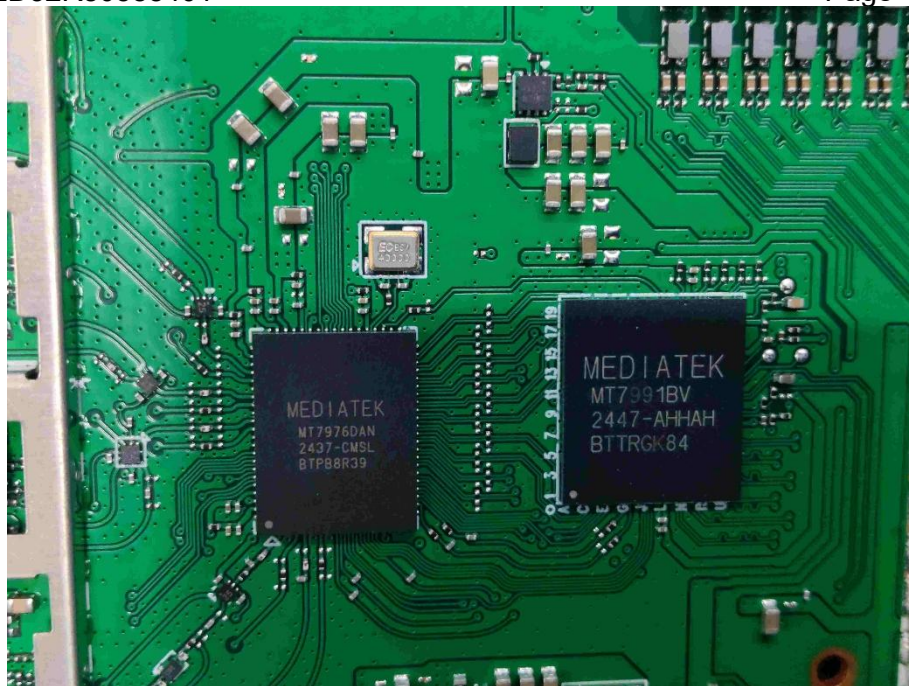
View Of Product-14



View Of Product-15



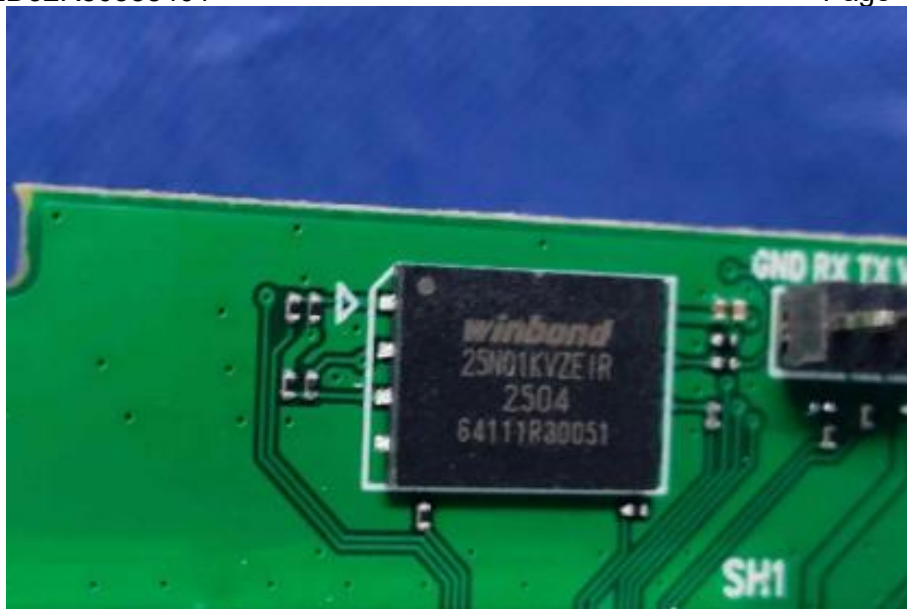
View Of Product-16



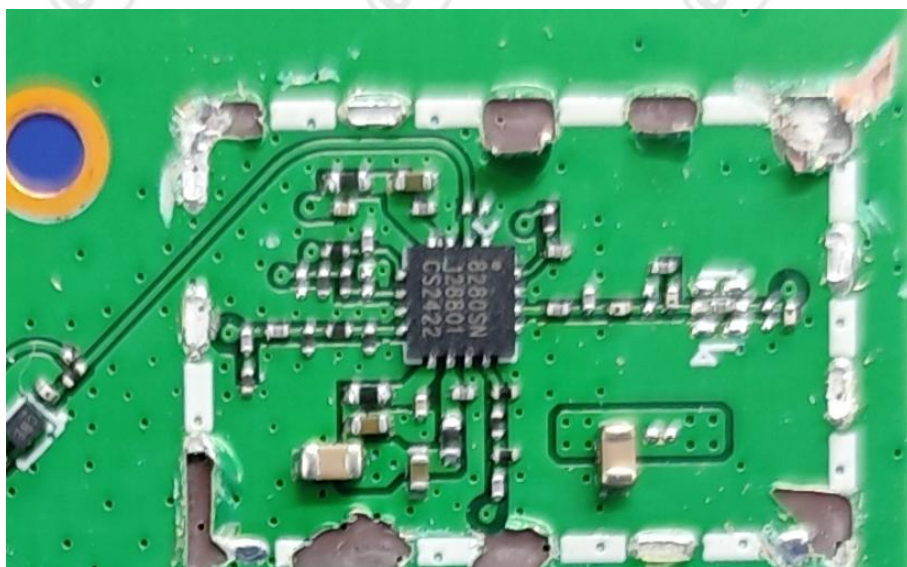
View Of Product-17



View Of Product-18



View Of Product-19



View Of Product-20

Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
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