

FCC Test Report

Test report
On Behalf of
JoyTrip (Tianjin) Technology Co., LTD.
For
Smart Sleep Tracking Pad
Model No.: STD-W-109

FCC ID: 2BMCS-STDW109

Prepared For: JoyTrip (Tianjin) Technology Co., LTD.

Room B109, Building B, Ninghui Mansion, Nankai District, Tianjin, China

Prepared By: Shenzhen HUAK Testing Technology Co., Ltd.

1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping,

Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Date of Test: Nov. 08, 2024 ~ Nov. 18, 2024

Date of Report: Nov. 18, 2024

Report Number: HK2411086606-1E



Test Result Certification

Room B109, Building B, Ninghui Mansion, Nankai District,

Tianjin,China

Manufacturer's Name JoyTrip (Tianjin) Technology Co., LTD.

Room B109, Building B, Ninghui Mansion, Nankai District,

Tianjin,China

Product description

Trade Mark Roomtec

Product name.....: Smart Sleep Tracking Pad

Model and/or type reference...: STD-W-109

Standards FCC Rules and Regulations Part 15 Subpart C Section 15.247

ANSI C63.10: 2013

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Date of Test

Date of Issue...... Nov. 18, 2024

Test Result..... Pass

Testing Engineer ::

en lian

(Len Liao)

Technical Manager:

Sliver Whom

(Sliver Wan)

Authorized Signatory:

Jason Yhou

(Jason Zhou)



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** Modified History **

Revision	Description	Issued Data	Remark	
Revision 1.0	Initial Test Report Release	Nov. 18, 2024	Jason Zhou	
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TEL: +86-755 2302 9901 FAX: +86-755 2302 9901 E-mail: service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



1. Test Result Summary

1.1. Test Procedures and Results

Requirement	CFR 47 Section	Result
Antenna requirement	§15.203/§15.247(b)(4)	PASS
AC Power Line Conducted Emission	§15.207	PASS
Conducted Peak Output Power	§15.247(b)(3)	PASS
6dB Emission Bandwidth	§15.247(a)(2)	PASS
Power Spectral Density	§15.247(e)	PASS
Band Edge	§15.247(d)	PASS
Spurious Emission	§15.205/§15.209	PASS

Note:

- 1. PASS: Test item meets the requirement.
- 2. Fail: Test item does not meet the requirement.
- 3. N/A: Test case does not apply to the test object.
- 4. The test result judgment is decided by the limit of test standard.

1.2. Information of the Test Laboratory

Shenzhen HUAK Testing Technology Co., Ltd. Add.: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Testing Laboratory Authorization:

A2LA Accreditation Code is 4781.01. FCC Designation Number is CN1229. Canada IC CAB identifier is CN0045. CNAS Registration Number is L9589.

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1.3. Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

No.	Item	MU
1	Conducted Emission	±2.71dB
2	RF power, conducted	±0.37dB
3 HUMETE	Spurious emissions, conducted	±0.11dB
4	All emissions, radiated(<1G)	±3.90dB
5 7000	All emissions, radiated(>1G)	±4.28dB
6	Temperature	±0.1°C
7	Humidity	±1.0%

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2. EUT Description

2.1. General Description of EUT

Equipment:	Smart Sleep Tracking Pad
Model Name:	STD-W-109
Series Model:	N/A MAKETETING MANAGET MAKETETING
Model Difference:	N/A TURKTESTING
FCC ID:	2BMCS-STDW109
Antenna Type:	PCB Antenna
Antenna Gain:	-0.25dBi
Operation frequency:	802.11b/g/n (HT20):2412~2462 MHz
Number of Channels:	802.11b/g/n(HT20): 11CH
Modulation Type:	DSSS, OFDM
Power Source:	DC 5V from Adapter
Power Rating:	DC 5V from Adapter
Hardware Version:	V2.0
Software Version:	V2.0 V2.0

Note:

- 1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
- 2. Antenna gain Refer to the antenna specifications.
- 3. The cable loss data is obtained from the supplier.
- 4. The test results in the report only apply to the tested sample

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2.2. Carrier Frequency of Channels

	Channel List For 802.11b/802.11g/802.11n (HT20)							
Channel	Channel Frequency (MHz) Channel Frequency (MHz) Channel Frequency (MHz) Channel Frequency (MHz)							
01	2412	04	2427	07	2442	10	2457	
02	2417	05	2432	08	2447	11	2462	
03	2422	06	2437	09	2452	-STING		

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

2.3. Operation of EUT During Testing

Operating Mode

The mode is used: Transmitting mode for 802.11b/802.11g/802.11n (HT20)

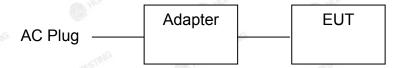
Low Channel: 2412MHz Middle Channel: 2437MHz High Channel: 2462MHz

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2.4. Description of Test Setup

Operation of EUT during radiation testing and conducted testing:



The sample was placed (0.8m below 1GHz, 1.5m above 1GHz) above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages. The worst case is X position.

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2.5. 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.

Item	Equipment	Trade Mark	Model/Type No.	Specification	Remark
³ 1	Smart Sleep Tracking Pad	Roomtec	STD-W-109	N/A	EUT
2	Adapter	N/A	MDY-10-EH	Input: 100-240VAC, 50/60Hz, 0.7A Output: 5V 3A/9V 3A/12V 2.25A/20V 1.35A	Peripheral
Ver-	3	{	W.	-m ^G	TOG

Note:

- 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.
- 3. For conducted measurements (Output Power, 6dB Emission Bandwidth, Power Spectral Density, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.

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3. Genera Information

3.1. Test Environment and Mode

25.0 °C
56 % RH
1010 mbar
Keep the EUT in continuous transmitting by select channel and modulations

We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows:

Per-scan all kind of data rate in lowest channel, and found the follow list which it was worst case.

Mode	Data rate
802.11b	1Mbps
802.11g	6Mbps
802.11n(HT20)	6.5Mbps

Final Test Mode:

Operation mode:	TESTING	Keep the EUT in continuous transmitting
Operation mode.	HUAR	with modulation

- 1. For WIFI function, the engineering test program was provided and enabled to make EUT continuous transmit/receive.
- 2.According to ANSI C63.10 standards, the test results are both the "worst case" and "worst setup" 1Mbps for 802.11b, 6Mbps for 802.11g, 6.5Mbps for 802.11n(HT20).

3. Mode Test Duty Cycle

Mode	Duty Cycle	Duty Cycle Factor (dB)
802.11b	0.92	-0.37
802.11g	0.92	-0.37
802.11n(HT20)	0.92	-0.37

Test plots as follows:

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4. Test Results and Measurement Data

4.1. Conducted Emission

Test Specification

Test Method: ANSI C63.10:2013 Frequency Range: Receiver setup: RBW=9 kHz, VBW=30 kHz, Sweep time=auto Frequency range Limit (dBuV) Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-5 56 46 5-30 60 50 Reference Plane LUT Ac power E.U.T Ac power Fest table/Insulation plane Receiver E.U.T is connected to the main power through line impedance stabilization network (L.I.S.N.). The provides a 50ohm/50uH coupling impedance for the machine power through a LISN that provides a 50ohm/50uH coupling impedance for the machine power through a LISN that provides a 50ohm/50u coupling impedance with 50ohm termination. (Pleas refer to the block diagram of the test setup an photographs). Both sides of A.C. line are checked for maximule emission, the relative positions of equipment and all	TIME	TIME	TIME	-Mrs	70		
Receiver setup: RBW=9 kHz, VBW=30 kHz, Sweep time=auto Frequency range Limit (dBuV) (MHz) Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-5 56 46 5-30 60 50 Reference Plane Fet table/Insulation plane LIMIT Receiver ELUT AC power Filter Ac power Filter Ac power LISN Line Insulation Plane For table Receiver LIST Line Insulation Plane LIST Line Insulation Plane LIST Line Insulation Plane Test Mode: Test Mode: Transmitting with modulation 1. The E.U.T is connected to the main power through line impedance stabilization network (L.I.S.N.). The provides a 500hm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 500hm/50ucoupling impedance with 500hm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximuconducted interference. In order to find the maximule mission, the relative positions of equipment and all the interface cables must be changed according	Test Requirement:	FCC Part15 C Section	FCC Part15 C Section 15.207				
Receiver setup: RBW=9 kHz, VBW=30 kHz, Sweep time=auto	Test Method:	ANSI C63.10:2013	ANSI C63.10:2013				
Frequency range (MHz) Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-5 56 46 5-30 60 50 Reference Plane LISN E.U.T AC power Ellier AC power	Frequency Range:	150 kHz to 30 MHz	150 kHz to 30 MHz				
(MHz) Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-5 56 46 5-30 60 50 Reference Plane Part Pagapanent Under Test	Receiver setup:	RBW=9 kHz, VBW=	RBW=9 kHz, VBW=30 kHz, Sweep time=auto				
Test Setup: Test Setup: E.U.T Ac power 80cm EMI Receiver LISN Line Impedence Stabilization Network	Limits:	(MHz) 0.15-0.5 0.5-5	Quasi-peak 66 to 56* 56	Average 56 to 46* 46	UK TESTING		
1. The E.U.T is connected to the main power through line impedance stabilization network (L.I.S.N.). The provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the maximum power through a LISN that provides a 50ohm/50u coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup are photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all the interface cables must be changed according	Test Setup:	40cm E.U.T AC power Filter AC power Filter AC power EMI Receiver E.U.T. Equipment Under Test LISN: Line impedence Statilization Network					
Ine impedance stabilization network (L.I.S.N.). The provides a 500hm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the mass power through a LISN that provides a 500hm/50u coupling impedance with 500hm termination. (Please refer to the block diagram of the test setup are photographs). 3. Both sides of A.C. line are checked for maximula conducted interference. In order to find the maximula emission, the relative positions of equipment and all the interface cables must be changed according	Test Mode:	transmitting with modulation					
	Test Procedure:	 The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to 					
Test Result: PASS	Test Result:	PASS	MAKTE	STING	m/G		

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Test Instruments

Conducted Emission Shielding Room Test Site (843)						
Equipment	Manufacturer	Model	Serial Number	Calibration Due		
Receiver	R&S	ESR	HKE-005	Feb. 19, 2025		
LISN	R&S	ENV216	HKE-002	Feb. 19, 2025		
LISN	R&S	ENV216	HKE-059	Feb. 19, 2025		
Coax cable (9KHz-30MHz)	Times	381806-002	N/A	Feb. 19, 2025		
EMI Test Software	Tonscend	JS32-CE 2.5.0.6	HKE-081	N/A		

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

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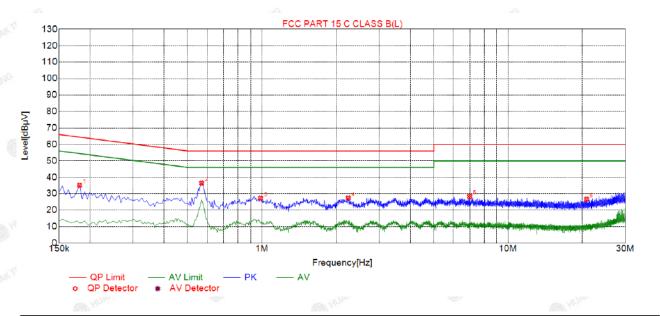
4.2. Test Result

Remark: All the test modes completed for test. only the worst result

Report No.: HK2411086606-1E

Of was reported as below: Conducted Emission on Line Terminal of the power line (150 kHz to 30MHz)

Test Specification: Line

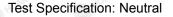


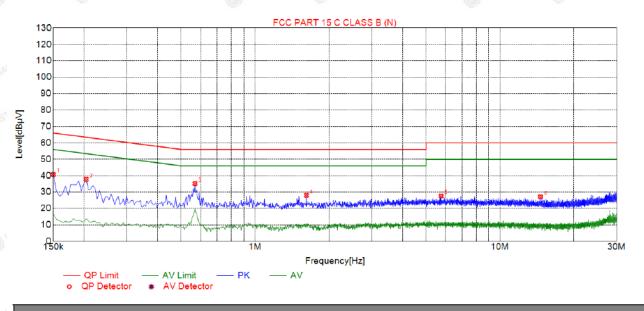
Sus	Suspected List							
NO.	Freq. [MHz]	Level [dBµV]	Factor [dB]	Limit [dBµV]	Margin [dB]	Reading [dBµV]	Detector	Туре
1	0.1815	35.15	19.86	64.42	29.27	15.29	PK	L
2	0.5685	36.49	19.86	56.00	19.51	16.63	PK	L
3	0.9870	27.33	19.87	56.00	28.67	7.46	PK	L
4	2.2425	27.46	20.00	56.00	28.54	7.46	PK	L
5	6.9855	28.42	20.07	60.00	31.58	8.35	PK	L
6	20.8680	26.73	19.95	60.00	33.27	6.78	PK	L

Remark: Margin = Limit - Level

Correction factor = Cable lose + LISN insertion loss Level=Test receiver reading + correction factor







Suspected List								
NO.	Freq. [MHz]	Level [dBµ∀]	Factor [dB]	Limit [dBµV]	Margin [dB]	Reading [dBµV]	Detector	Туре
1	0.1500	40.72	19.73	66.00	25.28	20.99	PK	N
2	0.2040	37.78	19.73	63.45	25.67	18.05	PK	N
3	0.5685	35.20	19.74	56.00	20.80	15.46	PK	N
4	1.6215	28.00	19.80	56.00	28.00	8.20	PK	N
5	5.7480	27.59	19.99	60.00	32.41	7.60	PK	N
6	14.6400	27.17	19.79	60.00	32.83	7.38	PK	N

Remark: Margin = Limit - Level
Correction factor = Cable lose + LISN insertion loss
Level=Test receiver reading + correction factor



4.3. Maximum Conducted Output Power

Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (b)(3)					
Test Method:	KDB 558074 D01 15.247 Meas Guidance v05r02					
Limit:	30dBm					
Test Setup:	RF automatic control unit EUT RF automatic control unit					
Test Mode:	Transmitting mode with modulation					
Test Procedure:	 The testing follows the Measurement Procedure of FCC KDB 558074 D01 15.247 Meas Guidance v05r02. The RF output of EUT was connected to the RF automatic control unit by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Measure the Peak output power and record the results in the test report. 					
Test Result:	PASS PASS PASS PASS PASS PASS PASS PASS					

Test Instruments

RF Test Room						
Equipment	Manufacturer	Model	Serial Number	Calibration Due		
Spectrum analyzer	Agilent	N9020A	HKE-025	Feb. 19, 2025		
Power meter	Agilent	E4419B	HKE-085	Feb. 19, 2025		
Power Sensor	Agilent	E9300A	HKE-086	Feb. 19, 2025		
RF cable	Times	1-40G	HKE-034	Feb. 19, 2025		
RF automatic control unit	Tonscend	JS0806-2	HKE-060	Feb. 19, 2025		
RF Test Software	Tonscend	JS1120-3 Version 3.3.23	HKE-083	N/A		

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

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Test Data

Mode	Test Channel	Frequency	Maximum Peak Conducted Output Power	LIMIT
	G.1.G.111.G.	(MHz)	(dBm)	dBm
802.11b	CH01	2412	13.63	30
802.11b	CH06	2437	15.07	30
802.11b	CH11	2462	13.44	30
802.11g	CH01	2412	12.30	30
802.11g	CH06	2437	13.84	30
802.11g	CH11	2462	12.08	30
802.11n(HT20)	CH01	2412	12.13	30
802.11n(HT20)	CH06	2437	13.70	30
802.11n(HT20)	CH11	2462	13.91	30

Note: 1.The test results including the cable lose.





4.4. Emission Bandwidth

Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (a)(2)					
Test Method:	KDB 558074 D01 15.247 Meas Guidance v05r02					
Limit:	>500kHz					
Test Setup:	Spectrum Analyzer EUT					
Test Mode:	Transmitting mode with modulation					
Test Procedure:	 The testing follows FCC KDB Publication 558074 DO 15.247 Meas Guidance v05r02. Set to the maximum power setting and enable the EUT transmit continuously. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to mak an accurate measurement. The 6dB bandwidth must be greater than 500 kHz. Measure and record the results in the test report. 					
Test Result:	PASS					

Test Instruments

RF Test Room						
Equipment	Manufacturer	Model	Serial Number	Calibration Due		
Spectrum analyzer	Agilent	N9020A	HKE-025	Feb. 19, 2025		
RF cable	Times	1-40G	HKE-034	Feb. 19, 2025		
RF automatic control unit	Tonscend	JS0806-2	HKE-060	Feb. 19, 2025		
RF Test Software	Tonscend	JS1120-3 Version 3.3.23	HKE-083	N/A		

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

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Test data

	4.17	4.17	471		
Test channel	6dB Emission Bandwidth (MHz)				
rest channel	802.11b	802.11g	802.11n(HT20)		
Lowest	9.120	16.040	16.880		
Middle	8.560	16.360	16.800		
Highest	8.960	16.320	17.080		
Limit:	"IAK TESTING	>500kHz	"IAK TESTING" HUAN		
Test Result:	0	PASS	0		

Test plots as follows:

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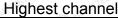
802.11b Modulation

Lowest channel



Middle channel







802.11g Modulation

Lowest channel



Middle channel

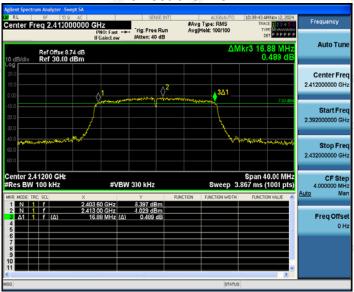


Highest channel



802.11n (HT20) Modulation

Lowest channel



Middle channel

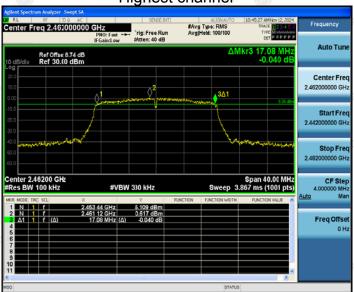


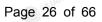
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4.5. Power Spectral Density

Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (e)						
Test Method:	KDB 558074 D01 15.247 Meas Guidance v05r02						
Limit:	The average power spectral density shall not be greate than 8dBm in any 3kHz band at any time interval o continuous transmission.						
Test Setup:	Spectrum Analyzer EUI						
Test Mode:	Transmitting mode with modulation						
Test Procedure:	 The testing follows Measurement procedure 10.2 method PKPSD of FCC KDB Publication 558074 D01 15.247 Meas Guidance v05r02. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW): 3 kHz ≤ RBW ≤ 100 kHz. Video bandwidth VBW ≥ 3 x RBW. Set the span to at least 1.5 times the OBW. Detector = Peak, Sweep time = auto couple. Employ trace averaging (Peak) mode over a minimum of 100 traces. Use the peak marker function to determine the maximum power level. Measure and record the results in the test report. 						
Test Result:	PASS MARTES THE TOTAL PASS						

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



Test Instruments

101	10.	- 4/Jh.		10%	
RF Test Room					
Equipment	Manufacturer	Model	Serial Number	Calibration Due	
Spectrum analyzer	Agilent	N9020A	HKE-025	Feb. 19, 2025	
RF cable	Times	1-40G	HKE-034	Feb. 19, 2025	
RF automatic control unit	Tonscend	JS0806-2	HKE-060	Feb. 19, 2025	
RF Test Software	Tonscend	JS1120-3 Version 3.3.23	HKE-083	N/A	

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

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Test data

Channel	Test Result (dBm/30kHz)	Result (dBm/3kHz)
Lowest	2.44	-7.56
Middle	2.7	-7.3
Highest	1.33	-8.67
Lowest	-2.96	-12.96
Middle	-0.28	-10.28
Highest	-2.95	-12.95
Lowest	-3.37	-13.37
Middle	-2.07	-12.07
Highest	-1.08	-11.08
m/3kHz)= PSD	test result (dBm/30kl	Hz)-10
MAKTESTAN	PASS	"IAK TESTING
	Lowest Middle Highest Lowest Middle Highest Lowest Middle Highest Highest	Channel (dBm/30kHz) Lowest 2.44 Middle 2.7 Highest 1.33 Lowest -2.96 Middle -0.28 Highest -2.95 Lowest -3.37 Middle -2.07 Highest -1.08 m/3kHz)= PSD test result (dBm/30kl

Test plots as follows:

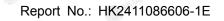
802.11b Modulation

Lowest channel



Middle channel









802.11g Modulation

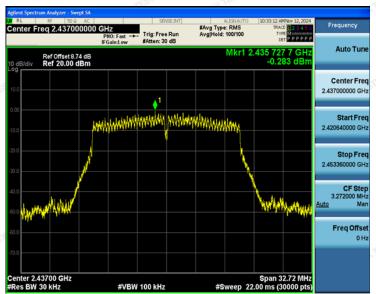
Lowest channel



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Middle channel

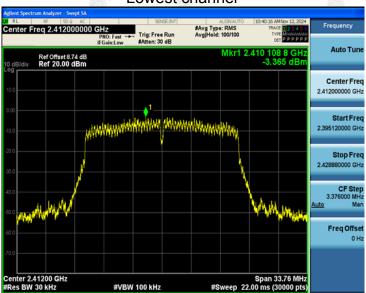


Highest channel



802.11n (HT20) Modulation

Lowest channel



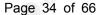
Middle channel





Highest channel







4.6. Conducted Band Edge and Spurious Emission Measurement

Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (d)			
Test Method:	KDB 558074 D01 15.247 Meas Guidance v05r02			
Limit:	In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement and radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).			
Test Setup:	Spectrum Analyzer EUT			
Test Mode:	Transmitting mode with modulation			
Test Procedure:	 Transmitting mode with modulation The testing follows FCC KDB Publication 558074 D01 15.247 Meas Guidance v05r02. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d). Measure and record the results in the test report. The RF fundamental frequency should be excluded 			
Test Result:	PASS WILLIAM CONTROL OF THE PASS			



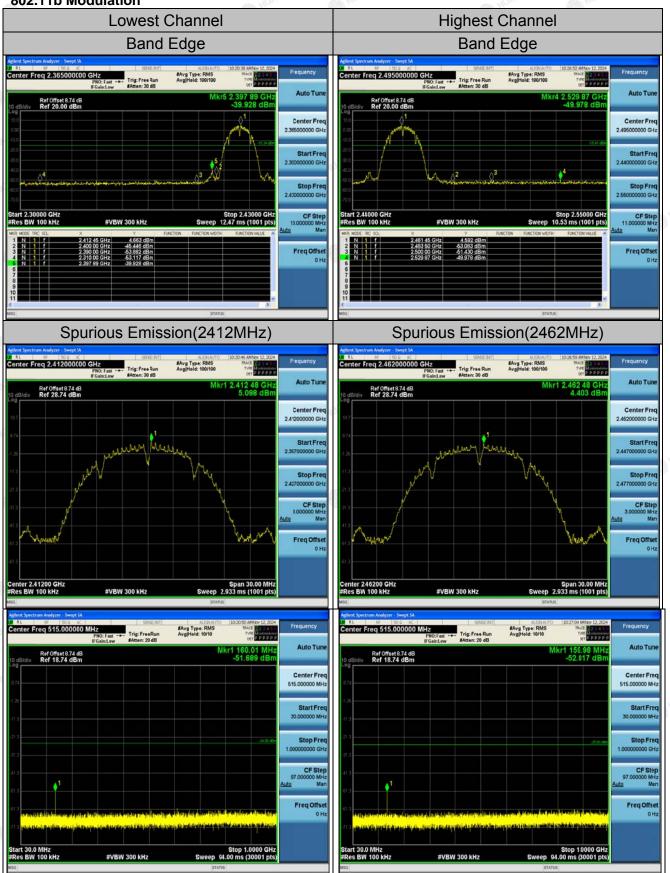
Test Instruments

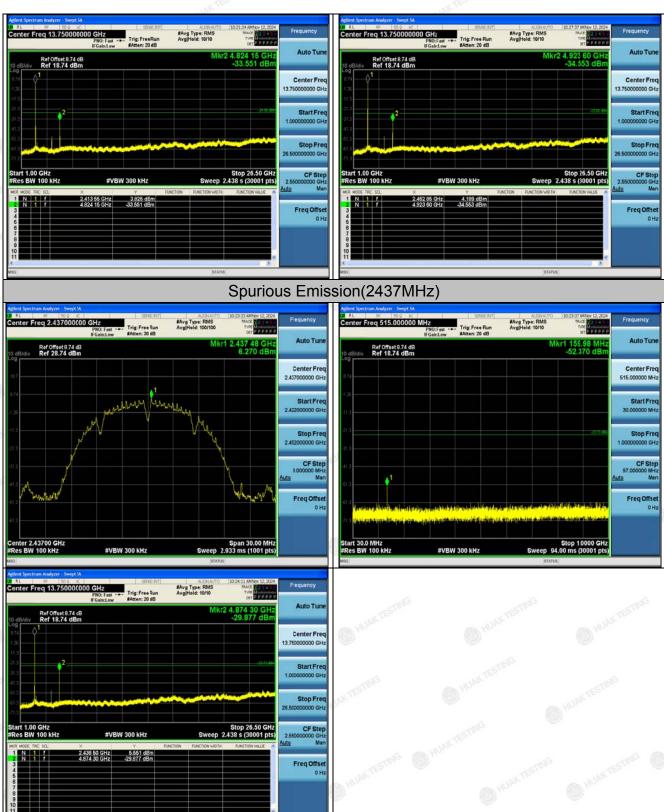
No.	ALL HOUSE	TOTAL A	ATTEN HIL	SERV.	
RF Test Room					
Equipment	Manufacturer	Model	Serial Number	Calibration Due	
Spectrum analyzer	Agilent	N9020A	HKE-025	Feb. 19, 2025	
High pass filter unit	Tonscend	JS0806-F	HKE-055	Feb. 19, 2025	
RF Cable (9KHz-26.5GHz)	Tonscend	170660	N/A	Feb. 19, 2025	
RF automatic control unit	Tonscend	JS0806-2	HKE-060	Feb. 19, 2025	
RF test software	Tonscend	JS1120-B Version 2.6	HKE-083	N/A	

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).



Test Data 802.11b Modulation





802.11g Modulation

