

**FCC TEST REPORT** 

Test report
On Behalf of
Shenzhen Zigxico Technology Co., Ltd.
For
Smart WI-FI Camera

Model No.: W11DF2, W11, W02DF2, W04DF2, Y02DF2, Y09DF2, Y10DF2

FCC ID: 2AZHU-W11

Prepared For: Shenzhen Zigxico Technology Co., Ltd.

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Date of Test: Feb. 27, 2023 ~ Mar. 28, 2023

Date of Report: Mar. 28, 2023

Report Number: HK2302270528-E

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TEST RESULT CERTIFICATION

Applicant's name	:	Shenzhen Zigxico	Technology	Co.,	Ltd.

3F, Building B, Shuichanjingwan First Industrial Park, Gushu,Xixiang

Street, Baoan District, Shenzhen, China

Manufacture's Name .....: Shenzhen Zigxico Technology Co., Ltd.

3F,Building B, Shuichanjingwan First Industrial Park, Gushu,Xixiang

Street, Baoan District, Shenzhen, China

**Product description** 

Trade Mark: Zigxico

Product name ...... Smart WI-FI Camera

Model and/or type reference : W11DF2, W11, W02DF2, W04DF2, Y02DF2, Y08DF2, Y09DF2,

Y10DF2

Standards ..... FCC Rules and Regulations Part 15 Subpart C Section 15.247

ANSI C63.10: 2013

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Date of Test .....:

Date (s) of performance of tests...... Feb. 27, 2023 ~ Mar. 28, 2023

Date of Issue ...... Mar. 28, 2023

Test Result ..... Pass

Testing Engineer

(Gary Qian)

Technical Manager

/F 1 11 \

(Eden Hu)

Authorized Signatory:

Just Hall

(Jason Zhou)

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\*\* Modified History \*\*

Revision	Description	Issued Data	Remark
Revision 1.0	Initial Test Report Release	Mar. 28, 2023	Jason Zhou
TNG.	mG mG	THE THE	G TNG

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# 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.	ltem	MU
1	Conducted Emission	±2.71dB
2	RF power, conducted	±0.37dB
3 HUNK	Spurious emissions, conducted	±0.11dB
4	All emissions, radiated(<1G)	±3.90dB
5	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 WI-FI Camera	- WAX TESTING	- WAY TESTIN
Model Name:	W11DF2	0	0
Series Model:	W11, W02DF2, W04DF2, Y02D Y10DF2	DF2, Y08DF2, Y	709DF2,
Model Difference:	All model's the function, softwa same, only appearance of shap different. Test sample model:	e, color and mo	
FCC ID:	2AZHU-W11	HUAKTESTIN	MAK TESI
Antenna Type:	External Antenna		
Antenna Gain:	5dBi mis		
Operation frequency:	802.11b/g/n 20:2412~2462 MH 802.11n 40: 2422~2452MHz	Z MONTO	( House
Number of Channels:	802.11b/g/n20: 11CH 802.11n 40: 7CH	HUAKTESTIN	MAKTESTING
Modulation Type:	CCK/OFDM/DBPSK/DAPSK		
Power Source:	DC 12.0V 1.0A from Adapter	C STINE	TESTING
Power Rating:	DC 12.0V 1.0A from Adapter	O HUAK IS	O HUAL
Hardware Version	V2.0		
Software Version	V2.0	HUAKTESTING	HUAKTESTIN

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# 2.2. Carrier Frequency of Channels

Channel List For 802.11b/802.11g/802.11n (HT20)							
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	

Channel List For 802.11n (HT40)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
STING_	XTESTING (	04	2427	07	2442	- TESTIN	WTE
@ H		05	2432	08	2447	HILAK	Monage Home
03	2422	06	2437	09	2452		

#### 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

The mode is used: Transmitting mode for 802.11n (HT40)

Low Channel: 2422MHz Middle Channel: 2437MHz High Channel: 2452MHz

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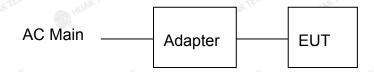


2.4. DESCRIPTION OF TEST SETUP

Operation of EUT during conducted and under 1GHz radiation testing:



Operation of EUT Above1GHz Radiation testing:



Adapter information

Model: DB-1201000-ETL

Input: 100-240V~, 50/60Hz 0.3A Max

Output: 12.0V 1.0A 12.0W

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# 3. ENERA INFORMATION

#### 3.1. TEST ENVIRONMENT AND MODE

Temperature:	25.0 °C
Humidity:	56 % RH
Atmospheric Pressure:	1010 mbar
est Mode:	
Engineering mode:	Keep the EUT in continuous transmitting by select channel and modulations (The value of duty cycle is 98.46%)

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. For the full battery state and The output power to the maximum state.

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.

STING	Mode	Data rate	
	802.11b	1Mbps	( HUAN
à	802.11g	6Mbps	
	802.11n(H20)	6.5Mbps	ESTING
W H	802.11n(H40)	13.5Mbps	HUAN
			(0.00)

# **Final Test Mode:**

Operation mode:	Keep the EUT in continuous transmitting		
Operation mode:	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(H20), 13.5Mbps for 802.11(H40). Duty cycle setting during the transmission is 98.5% with maximum power setting for all modulations.

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3.2. DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary

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.

Equipment	Model No.	Serial No.	FCC ID	Trade Name
[NG ]	IG HUAKTESTI	I STING	I HUAY TESTIV	I STING

#### Note:

- 1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 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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# 4. TEST RESULTS AND MEASUREMENT DATA

# 4.1. CONDUCTED EMISSION

# **Test Specification**

TING TING	-m/G	TINE	TING			
Test Requirement:	FCC Part15 C Secti	ion 15.207	AKTES MINAKT			
Test Method:	ANSI C63.10:2013		TING			
Frequency Range:	150 kHz to 30 MHz	HUAKTE	N. TESTING			
Receiver setup:	RBW=9 kHz, VBW=	30 kHz, Sweep	time=auto			
Limits:	Frequency range (MHz) 0.15-0.5 0.5-5 5-30	Limit (d Quasi-peak 66 to 56* 56 60	Average 56 to 46* 46 50			
Test Setup:	40	it	r AC power			
Test Mode:	Charging + transmit	ting with modula	tion			
Test Procedure:	line impedance of provides a 50ohr measuring equipmed. The peripheral despower through a coupling impedance refer to the bloophotographs).  3. Both sides of A conducted interferemission, the relationship impedance interface calculates a supplementation of the conducted interface calculates a supplementation o	<ol> <li>Charging + transmitting with modulation</li> <li>The E.U.T is connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment.</li> <li>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).</li> <li>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 ANSI C63.10: 2013 on conducted measurement.</li> </ol>				
Test Result:	PASS	(a)	(a)			
V-	1100		All de			

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Report No.: HK2302270528-E





# **Test Instruments**

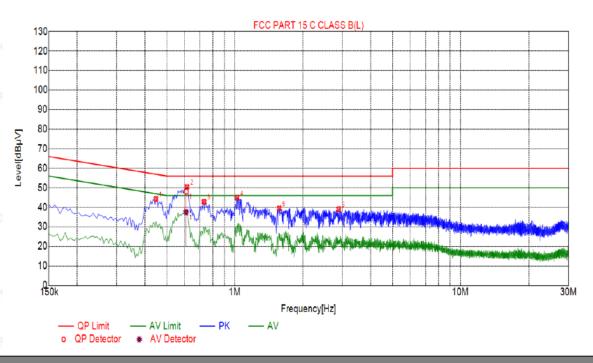
	Conducted Emission Shielding Room Test Site (843)							
Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due			
Receiver	R&S	ESR-7	HKE-010	Feb. 17, 2023	Feb. 16, 2024			
LISN	R&S	ENV216	HKE-002	Feb. 17, 2023	Feb. 16, 2024			
Coax cable (9KHz-30MHz)	Times	381806-002	N/A	Feb. 17, 2023	Feb. 16, 2024			
Conducted test software	Tonscend	TS+ Rev 2.5.0.0	HKE-081	N/A	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

Test Specification: Line



Sus	Suspected List							
NO.	Freq. [MHz]	Level [dBµV]	Factor [dB]	Limit [dBµV]	Margin [dB]	Reading [dBµV]	Detector	Туре
1	0.4470	44.30	20.04	56.93	12.63	24.26	PK	L
2	0.6135	50.46	20.05	56.00	5.54	30.41	PK	L
3	0.7305	42.82	20.06	56.00	13.18	22.76	PK	L
4	1.0230	44.97	20.07	56.00	11.03	24.90	PK	L
5	1.5720	39.44	20.11	56.00	16.56	19.33	PK	L
6	2.8860	39.06	20.21	56.00	16.94	18.85	PK	L

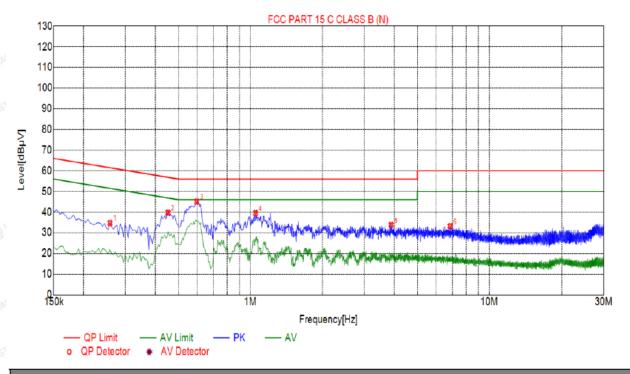
Final Data List											
NO.	Freq. [MHz]	Correction factor[dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	QP Reading [dBμV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	AV Reading [dΒμV]	Туре
1	0.6074	20.05	48.12	56.00	7.88	28.07	37.56	46.00	8.44	17.51	L

Remark: Margin = Limit - Level

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

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#### Test Specification: Neutral



Sus	Suspected List							
NO.	Freq. [MHz]	Level [dBµV]	Factor [dB]	Limit [dBµV]	Margin [dB]	Reading [dBµV]	Detector	Туре
1	0.2580	34.72	20.04	61.50	26.78	14.68	PK	N
2	0.4515	39.70	20.04	56.85	17.15	19.66	PK	N
3	0.5955	45.06	20.05	56.00	10.94	25.01	PK	Ν
4	1.0500	39.51	20.07	56.00	16.49	19.44	PK	N
5	3.8805	33.78	20.25	56.00	22.22	13.53	PK	N
6	6.8640	33.22	20.20	60.00	26.78	13.02	PK	N

Remark: Margin = Limit - Level

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

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# 4.3. MAXIMUM CONDUCTED OUTPUT POWER

# **Test Specification**

Test Requirement:	FCC Part15 C Section 15.247 (b)(3)	TING
Test Method:	KDB 558074	(1) HONS
Limit:	30dBm	عدم
Test Setup:	Power meter EUT	HAKTESING WAKTESING
Test Mode:	Transmitting mode with modulation	
Test Procedure:	<ol> <li>The testing follows the Measurement FCC KDB 558074 D01 15.247 Meas v05r02.</li> <li>The RF output of EUT was connected meter by RF cable and attenuator. To compensated to the results for each selection.</li> <li>Set to the maximum power setting an EUT transmit continuously.</li> <li>Measure the Peak output power and in the test report.</li> </ol>	d to the power he path loss was measurement. Id enable the
Test Result:	PASS	0 "

# **Test Instruments**

HUAN	HUA	HUPA	HUA"	HUP	HUAN
		RF Te	est Room		
Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
Spectrum analyzer	Agilent	N9020A	HKE-048	Feb. 17, 2023	Feb. 16, 2024
Power meter	Agilent	E4419B	HKE-085	Feb. 17, 2023	Feb. 16, 2024
Power Sensor	Agilent	E9300A	HKE-086	Feb. 17, 2023	Feb. 16, 2024
RF cable	Times	1-40G	HKE-034	Feb. 17, 2023	Feb. 16, 2024
RF automatic control unit	Tonscend	JS0806-2	HKE-060	Feb. 17, 2023	Feb. 16, 2024

**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**

TING	TING	TING TING	TING TING
TES.	WAYTES.	TX 802.11b Mode	HUAKTES!
Test	Frequency	Maximum Peak Conducted Output Power	LIMIT
Channel	(MHz)	(dBm)	dBm
CH01	2412	17.90	30
CH06	2437	17.08	30
CH11	2462	17.56	30
		TX 802.11g Mode	
CH01	2412	17.58	30
CH06	2437	17.94	30 HILANTES II
CH11	2462	16.80	30
	TESTING	TX 802.11n20 Mode	TESTING.
CH01	2412	18.76	30
CH06	2437	18.08	30
CH11	2462	17.62	30
		TX 802.11n40 Mode	0
CH03	2422	18.67	30
CH06	2437	17.99	30 NAME TO STATE OF THE STATE O
CH09	2452	17.58	30

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# 4.4. EMISSION BANDWIDTH

# **Test Specification**

Test Requirement:	FCC Part15 C Section 1	5.247 (a)(2)	WIESTIN	
Test Method:	KDB 558074	O HOS	( HONO	
Limit:	>500kHz	LAKTESTING	"NG	
Test Setup:	Spectrum Analyzer	EUT	HUAN TESTING	
Test Mode:	Transmitting mode with	modulation		
Test Procedure:	<ol> <li>The testing follows FCC KDB Publication 558074 D01 15.247 Meas Guidance v05r02.</li> <li>Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6dB bandwidth must be greater than 500 kHz.</li> <li>Measure and record the results in the test report.</li> </ol>			
Test Result:	PASS	O HUM	<b>9</b> m	

# **Test Instruments**

are HV.	NO.	or Mr.	ALL HO.	ATTENDED HO	ALL HOUSE			
	RF Test Room							
Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due			
Spectrum analyzer	Agilent	N9020A	HKE-048	Feb. 17, 2023	Feb. 16, 2024			
RF cable	Times	1-40G	HKE-034	Feb. 17, 2023	Feb. 16, 2024			
RF automatic control unit	Tonscend	JS0806-2	HKE-060	Feb. 17, 2023	Feb. 16, 2024			

**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

Tankaharan I	6dB Emission Bandwidth (MHz)					
Test channel	802.11b	802.11g	802.11n(H20)	802.11n(H40)		
Lowest	9.040	16.360	17.560	35.200		
Middle	7.560	16.320	17.160	35.920		
Highest	8.560	16.320	17.280	35.680		
Limit:	HUAKTES		>500k			
Test Result:	a lak	ESTING - YUAKTESTI	PASS	TING WANTESTING		

Test plots as follows:

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### 802.11b Modulation

### Lowest channel



### Middle channel



Highest channel



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#### 802.11g Modulation

### Lowest channel



### Middle channel



# Highest channel



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# 802.11n (HT20) Modulation

#### Lowest channel



Middle channel



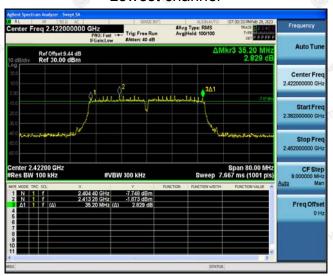
Highest channel



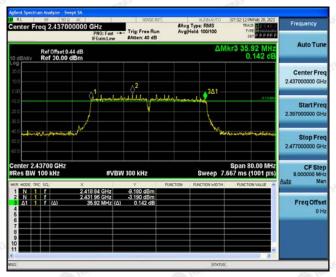
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# 802.11n (HT40) Modulation

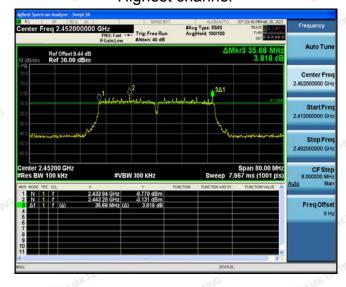
#### Lowest channel



### Middle channel



# Highest channel



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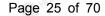
# 4.5. POWER SPECTRAL DENSITY

# **Test Specification**

Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	KDB 558074
Limit:	The average power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.
Test Setup:	Spectrum Analyzer EUI
Test Mode:	Transmitting mode with modulation
Test Procedure:	<ol> <li>The testing follows Measurement procedure 10.2 method PKPSD of FCC KDB Publication 558074 D01 15.247 Meas Guidance v05r02.</li> <li>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.</li> <li>Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>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.</li> <li>Detector = Peak, Sweep time = auto couple.</li> <li>Employ trace averaging (Peak) mode over a minimum of 100 traces. Use the peak marker function to determine the maximum power level.</li> <li>Measure and record the results in the test report.</li> </ol>
Test Result:	PASS WAR TO THE THE STATE OF TH

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**Test Instruments** 

RF Test Room							
Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due		
Spectrum analyzer	Agilent	N9020A	HKE-048	Feb. 17, 2023	Feb. 16, 2024		
RF Cable (9KHz-26.5GHz)	Tonscend	170660	N/A	Feb. 17, 2023	Feb. 16, 2024		
RF automatic control unit	Tonscend	JS0806-2	HKE-060	Feb. 17, 2023	Feb. 16, 2024		
RF test software	Tonscend	JS1120-B Version 2.6	HKE-083	N/A	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	Result (dBm/30kHz)	Result (dBm/3kHz)
Lowest	2.1	-7.9 <sub>1775</sub>
Middle	1.66	-8.34
Highest	2.49	-7.51
Lowest	-5.85	-15.85
Middle	-5.58	-15.58
Highest	-5.64	-15.64
Lowest	-4.92	-14.92
Middle	-5.15	-15.15
Highest	-5.67	-15.67
Lowest	-6.79	-16.79
Middle	-7.46	-17.46
Highest	-7.81	-17.81
BkHz)= PSD test	t result (dBm/30kHz)-10	
HUAKTED	PASS	a. a.
	Lowest Middle Highest	Lowest 2.1  Middle 1.66  Highest 2.49  Lowest -5.85  Middle -5.58  Highest -5.64  Lowest -4.92  Middle -5.15  Highest -5.67  Lowest -6.79  Middle -7.46  Highest -7.81  8kHz)= PSD test result (dBm/30kHz)-10

### Test plots as follows:

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### 802.11b Modulation

#### Lowest channel



#### Middle channel



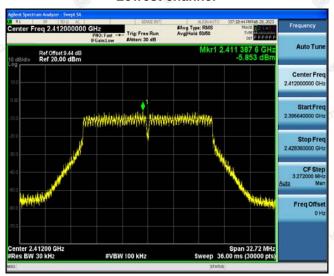
#### **Highest channel**



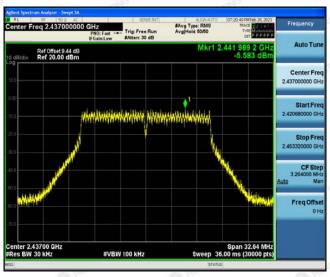
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# 802.11g Modulation

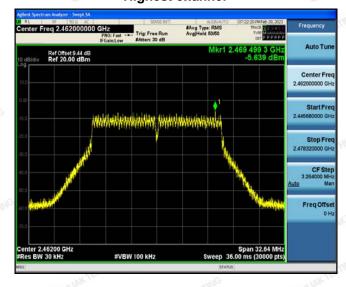
#### Lowest channel



#### Middle channel



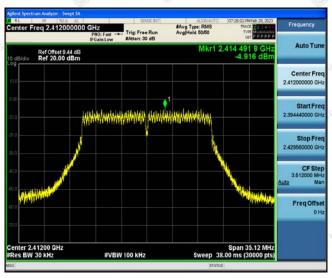
### **Highest channel**



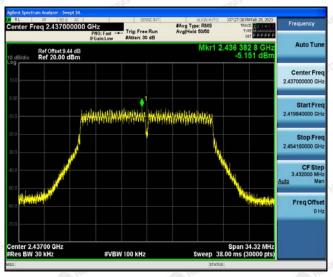
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# 802.11n (HT20) Modulation

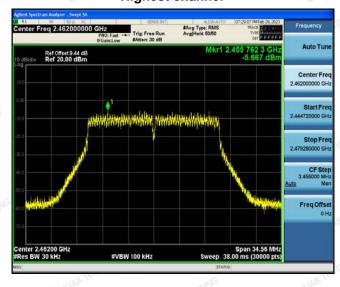
#### Lowest channel



#### Middle channel



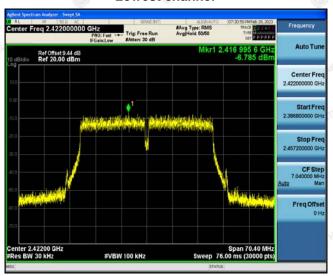
### **Highest channel**



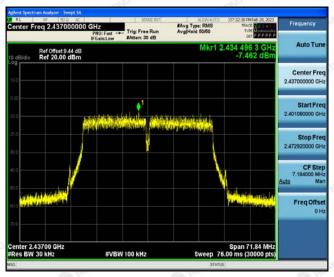
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# 802.11n (HT40) Modulation

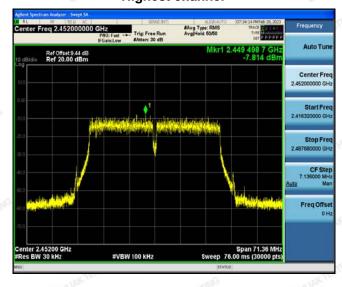
#### Lowest channel



#### Middle channel



### **Highest channel**



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# 4.6. CONDUCTED BAND EDGE AND SPURIOUS EMISSION MEASUREMENT

# **Test Specification**

Test Requirement:	FCC Part15 C Section 15.247 (d)				
Test Method:	KDB558074				
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:	<ol> <li>Transmitting mode with modulation</li> <li>The testing follows FCC KDB Publication 558074 D01 15.247 Meas Guidance v05r02.</li> <li>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.</li> <li>Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>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).</li> <li>Measure and record the results in the test report.</li> <li>The RF fundamental frequency should be excluded against the limit line in the operating frequency band.</li> </ol>				
	PASS				

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**Test Instruments** 

ADD: 147		Alle HO	(200)	ATTAC AND A	(SSS)		
RF Test Room							
Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due		
Spectrum analyzer	Agilent	N9020A	HKE-048	Feb. 17, 2023	Feb. 16, 2024		
High pass filter unit	Tonscend	JS0806-F	HKE-055	Feb. 17, 2023	Feb. 16, 2024		
RF Cable (9KHz-26.5GHz)	Tonscend	170660	N/A	Feb. 17, 2023	Feb. 16, 2024		
RF automatic control unit	Tonscend	JS0806-2	HKE-060	Feb. 17, 2023	Feb. 16, 2024		
RF test software	Tonscend	JS1120-B Version 2.6	HKE-083	N/A	N/A		

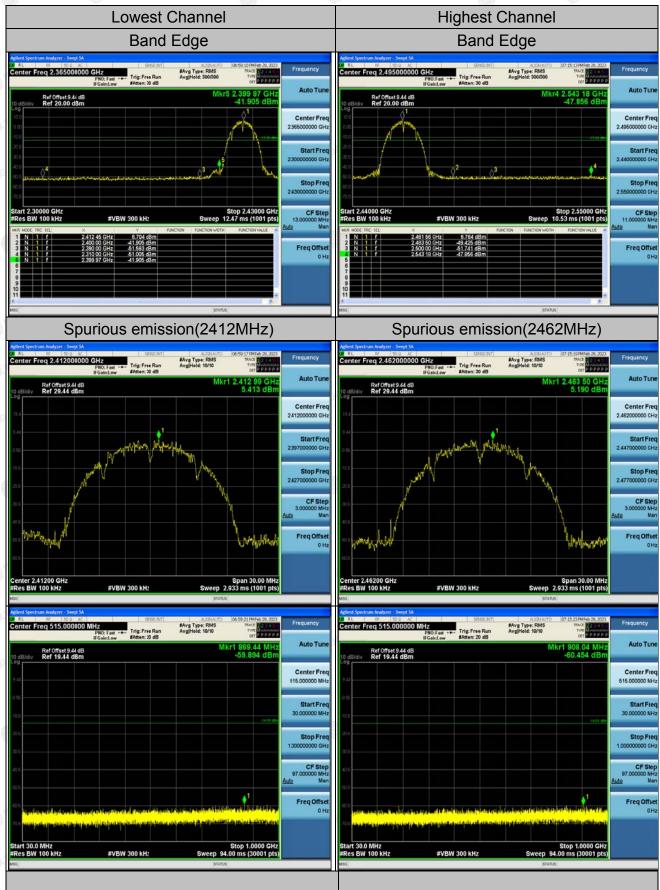
**Note:** The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

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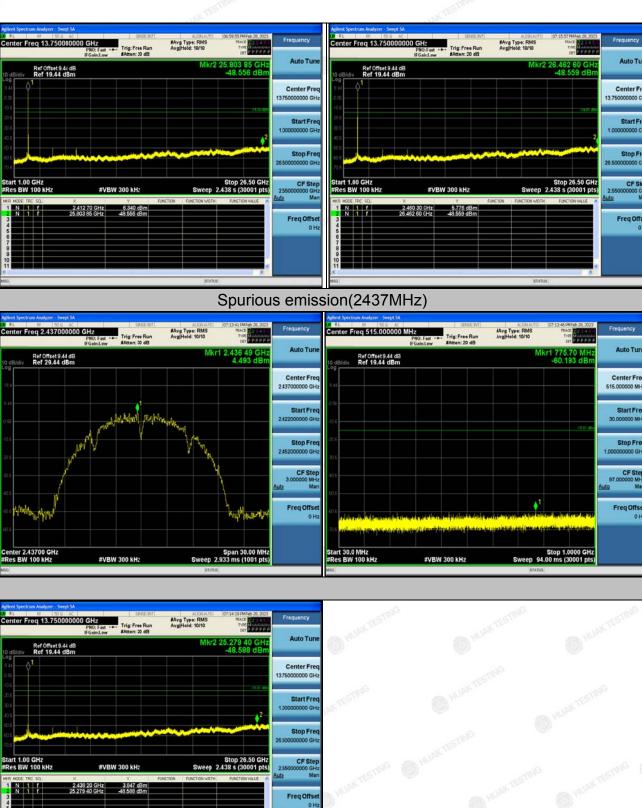


### **Test Data**

#### 802.11b Modulation

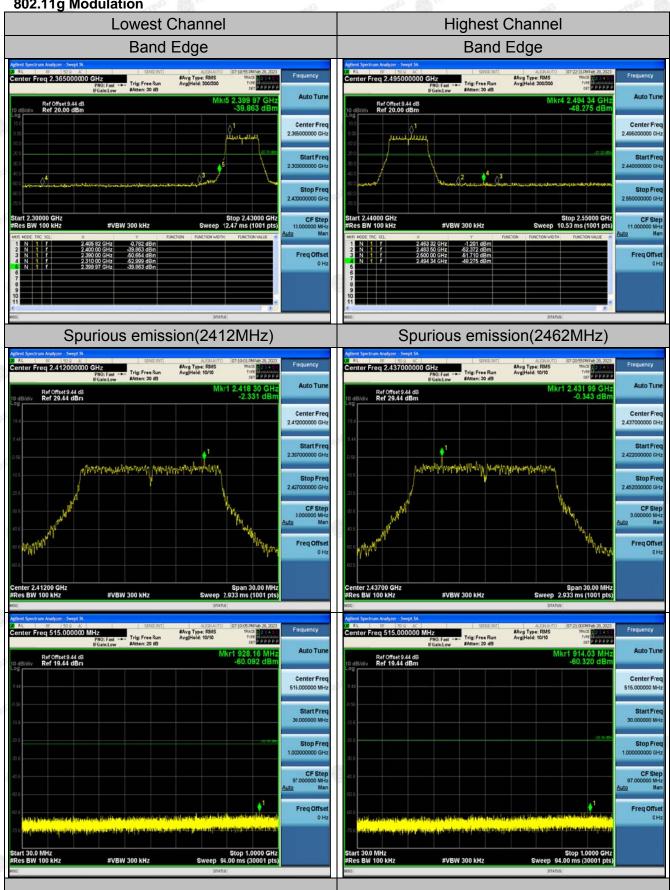


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802.11g Modulation



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