

FCC Test Report

Test Report
On Behalf of
Shenzhen Anran Security Technology Co., Ltd
For

Smart Video Recorder

Model No.: V1M5, V1M8, V2M5, V2M8, V3M5, V3M8, V4M5, V4M8, V5M5, V5M8, H1M5, H1M8, H2M5, H2M8, H3M5, H3M8, H4M5, H4M8, H5M5, H5M8

FCC ID: 2AZUX-V1M5

Prepared For: Shenzhen Anran Security Technology Co., Ltd

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Longgang District, Shenzhen, Guangdong, China

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Date of Test: Feb. 19, 2025 ~ Apr. 08, 2025

Date of Report: Apr. 08, 2025

Report Number: HK2502190637-E

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Test Result Certification

Applicant's Name...... Shenzhen Anran Security Technology Co., Ltd

Room 1711, Building 4, Tianan Yungu Industrial Park, Bantian Address

Street, Longgang District, Shenzhen, Guangdong, China

Report No.: HK2502190637-E

Manufacturer's Name: Shenzhen Anran Security Technology Co., Ltd

Room 1711, Building 4, Tianan Yungu Industrial Park, Bantian Address

Street, Longgang District, Shenzhen, Guangdong, China

Product Description

Trade Mark N/A

Product Name...... Smart Video Recorder

V1M5, V1M8, V2M5, V2M8, V3M5, V3M8, V4M5, V4M8, V5M5,

Model and/or Type Reference: V5M8, H1M5, H1M8, H2M5, H2M8, H3M5, H3M8, H4M5, H4M8,

H5M5, H5M8

FCC Rules and Regulations Part 15 Subpart C Section 15.247 Standards

ANSI C63.10: 2013

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Date of Test

Date (s) of Performance of Tests: Feb. 19, 2025 ~ Apr. 08, 2025

Date of Issue....: Apr. 08, 2025

Test Result.....

Testing Engineer

Len Liao

Technical Manager

Sliver Wan

Authorized Signatory

Jason Zhou

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** Modified History **

Revision	Description	Issued Data	Remark
Revision 1.0	Initial Test Report Release	Apr. 08, 2025	Jason Zhou
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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.

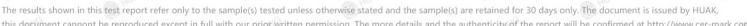
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1.3 Measurement Uncertainty

The reported uncertainty of measurement y ± 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
¹⁶ 1	Conducted Emission	±2.71dB
2	RF Power, Conducted	±0.37dB
3	Spurious Emissions, Conducted	±0.11dB
4,00	All Emissions, Radiated(<1G)	±3.90dB
5	All Emissions, Radiated(>1G)	±4.28dB
6	Temperature	±0.1°C
TEST 7	Humidity	±1.0%





2. EUT Description

2.1 General Description of EUT

Equipment:	Smart Video Recorder		
Model Name:	V1M5	(i)	0
Series Model:	V1M8, V2M5, V2M8, V3M5, V3M8 H1M5, H1M8, H2M5, H2M8, H3M8 H5M8		- Ca
Model Difference:	All model's the function, software a same, only with product model nar model: V1M5.		
FCC ID:	2AZUX-V1M5	O HUM	(a) W
Antenna Type:	External Antenna	Din	ang.
Antenna Gain:	3.56dBi	HUAKTESI	HUAKTEST
Operation Frequency:	802.11b/g/n20: 2412~2462MHz	ESTING	
Number of Channels:	802.11b/g/n20: 11CH	HUAR	MAKTESTING
Modulation Type:	DSSS, OFDM	TESTING	0
Power Source:	DC12V from Adapter	V TESTI	IG LAKTESTING
Power Rating:	DC12V from Adapter	(1) HOW	0 10

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	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	HUPAT 10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452	TESTING	

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)

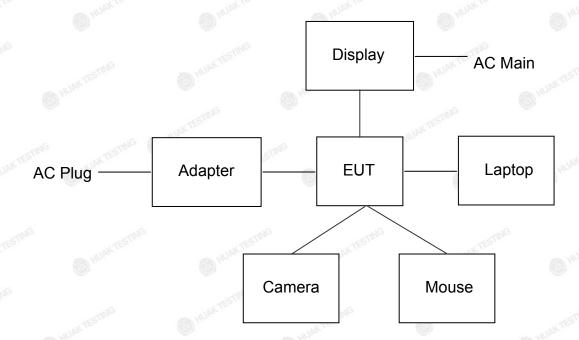
Low Channel: 2412MHz Middle Channel: 2437MHz High Channel: 2462MHz

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2.4 Description of Test Setup





Operation of EUT during Radiation above 1GHz 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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3. General Information

3.1 Test Environment and Mode

Operating Environment:	
Temperature:	25.0 °C
Humidity:	56 % RH
Atmospheric Pressure:	1010 mbar
Test Mode:	
Engineering Mode:	Keep the EUT in continuous transmitting by select channel and modulations
THE HUT	by sciect charmer 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:	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(HT20).
- 3. Mode Test Duty Cycle

Mode	Duty Cycle
802.11b	0.993
802.11g	0.993
802.11n(HT20)	0.994

Test plots as follows:

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3.2 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
EST NG	Smart Video Recorder	N/A	V1M5	N/A	EUT
2	Adapter	N/A	GQ24-120200-AU	Input: AC100-240V, 50/60Hz, 1.0A Max Output: DC12V, 2.0A	Accessory
3	Camera	N/A	N/A	N/A	Accessory
4	Mouse	N/A	N/A	N/A	Accessory
5	Laptop	Lenovo	TP00096A	Input: DC 20V, 2.25~3.25A Output: 5VDC, 0.5A	Peripheral
6	Display	PHILIPS	N/A	N/A	Peripheral
UAK	MUAK	HUAN	HUAK	HUAK	HUAK
-mG				_{mV} G	

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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4. Test Results and Measurement Data

4.1 Conducted Emission

Test Specification

Test Method: ANSI C63.10:2013 Frequency Range: 150 kHz to 30 MHz 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 40cm E.U.T AC power Filter Ac power LISN Receiver EV 12 Equapment Lines Total Lines Inspired Brown Addition 1. 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. 2. 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). 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 of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement.	TING			
Test Mode: 150 kHz to 30 MHz RBW=9 kHz, VBW=30 kHz, Sweep time=auto	Test Requirement:	FCC Part15 C Section 15.207		
Receiver Setup: RBW=9 kHz, VBW=30 kHz, Sweep time=auto	Test Method:	ANSI C63.10:2013		
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 50 Reference Plane Plane	Frequency Range:	150 kHz to 30 MHz		
Test Mode: Transmitting with modulation 1. 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. 2. The peripheral devices are also connected to the main power through a line impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement.	Receiver Setup:	RBW=9 kHz, VBW=30 kHz, Sweep time=auto		
Test Setup: E.U.T Ac power Som LISN Filter Ac power	Limits:	(MHz) Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-5 56 46		
1. 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. 2. 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). 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 of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement.	Test Setup:	40cm E.U.T AC power 80cm Filter AC power Test table/Insulation plane Remark E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Network		
line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. 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). 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 of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement.	Test Mode:	Transmitting with modulation		
	Test Procedure:	 line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. 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). 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 of the interface cables must be changed according to 		
	Test Result:			

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Test Instruments

	Conducted Emission Shielding Room Test Site (843)						
Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due		
Receiver	R&S	ESR	HKE-005	Feb. 19, 2025	Feb. 18, 2026		
LISN	R&S	ENV216	HKE-002	Feb. 19, 2025	Feb. 18, 2026		
LISN	R&S	ENV216	HKE-059	Feb. 19, 2025	Feb. 18, 2026		
Coax cable (9KHz-30MHz)	Times	381806-002	N/A	Feb. 19, 2025	Feb. 18, 2026		
EMI Test Software	Tonscend	JS32-CE 2.5.0.6	HKE-081	N/A	N/A		
10dB Attenuator	Schwarzbeck	VTSD9561F	HKE-153	Feb. 19, 2025	Feb. 18, 2026		

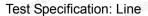
Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

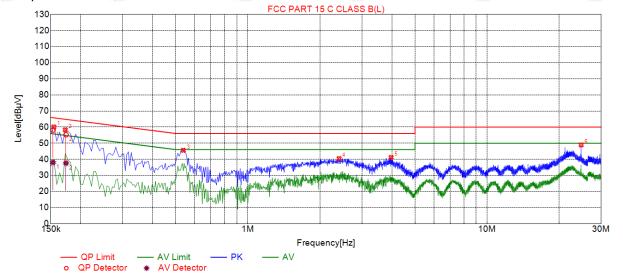
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4.2 Test Result

All modes have been tested. Only the worst result was reported as below:





Sus	Suspected List								
NO.	Freq. [MHz]	Level [dBµ∀]	Factor [dB]	Limit [dBµV]	Margin [dB]	Reading [dBµ∀]	Detector	Туре	
1	0.1545	60.10	19.56	65.75	5.65	40.54	PK	L	
2	0.1725	58.33	19.67	64.84	6.51	38.66	PK	L	
3	0.5370	45.57	19.81	56.00	10.43	25.76	PK	L	
4	2.4090	40.46	20.20	56.00	15.54	20.26	PK	L	
5	3.9705	41.17	20.35	56.00	14.83	20.82	PK	L	
6	24.7515	48.93	24.28	60.00	11.07	24.65	PK	L	

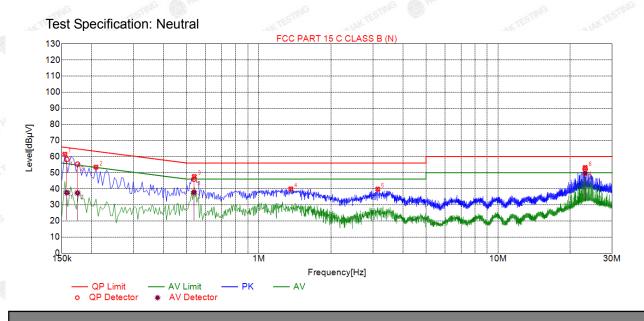
Final	Final Data List										
NO.	Freq. [MHz]	Correction factor[dB]	QP Value [dBµV]	QP Limit [dΒμV]	QP Margin [dB]	QP Reading [dBμV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	AV Reading [dBμV]	Туре
1	0.1533	19.55	58.18	65.82	7.64	38.63	38.02	55.82	17.80	18.47	L
2	0.1737	19.68	55.27	64.78	9.51	35.59	37.61	54.78	17.17	17.93	L

Remark: Margin = Limit – Level

Correction factor = Cable lose + LISN insertion loss

Level=Test receiver reading + correction factor

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Sus	Suspected List							
NO.	Freq. [MHz]	Level [dBµ∀]	Factor [dB]	Limit [dBµ∀]	Margin [dB]	Reading [dBµ∀]	Detector	Туре
1	0.1545	61.48	19.63	65.75	4.27	41.85	PK	N
2	0.2085	53.48	19.64	63.26	9.78	33.84	PK	N
3	0.5370	47.62	19.75	56.00	8.38	27.87	PK	N
4	1.3605	39.95	19.84	56.00	16.05	20.11	PK	N
5	3.1425	39.79	20.08	56.00	16.21	19.71	PK	N
6	23.1270	53.24	23.88	60.00	6.76	29.36	PK	N

Final	Final Data List										
NO.	Freq. [MHz]	Correction factor[dB]	QP Value [dBµV]	QP Limit [dΒμV]	QP Margin [dB]	QP Reading [dBµV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	AV Reading [dBµV]	Туре
1	0.1575	19.61	58.20	65.60	7.40	38.59	37.60	55.60	18.00	17.99	N
2	0.1745	19.64	55.28	64.74	9.46	35.64	37.41	54.74	17.33	17.77	N
3	0.5353	19.75	46.00	56.00	10.00	26.25	37.83	46.00	8.17	18.08	N
4	23.1285	23.88	52.24	60.00	7.76	28.36	49.68	50.00	0.32	25.80	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)
Test Method:	KDB 558074 D01 15.247 Meas Guidance v05r02
Limit:	30dBm
Test Setup:	RF automatic control unit EUT
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. 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

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Test Instruments

	RF Test Room						
Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due		
Spectrum analyzer	Agilent	N9020A	HKE-025	Feb. 19, 2025	Feb. 18, 2026		
Power meter	Agilent	E4419B	HKE-085	Feb. 19, 2025	Feb. 18, 2026		
Power Sensor	Agilent	E9300A	HKE-086	Feb. 19, 2025	Feb. 18, 2026		
RF cable	Times	1-40G	HKE-034	Feb. 19, 2025	Feb. 18, 2026		
RF automatic control unit	Tonscend	JS0806-2	HKE-060	Feb. 19, 2025	Feb. 18, 2026		
RF Test Software	Tonscend	JS1120-3 Version 3.5.39	HKE-083	Feb. 19, 2025	Feb. 18, 2026		

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
		(MHz)	(dBm)	dBm
802.11b	CH01	2412	13.29	30
802.11b	CH06	2437	13.55	30
802.11b	CH11	2462	13.91	30
802.11g	CH01	2412	12.58	30
802.11g	CH06	2437	12.78	30
802.11g	CH11	2462	12.76	30
802.11n(HT20)	CH01	2412	12.74	30
802.11n(HT20)	CH06	2437	12.98	30
802.11n(HT20)	CH11	2462	12.91	30

Note: The test results including the cable loss.

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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 D0 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 make an accurate measurement. The 6dB bandwidth mus 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 Date	Calibration Due
Spectrum analyzer	Agilent	N9020A	HKE-025	Feb. 19, 2025	Feb. 18, 2026
RF cable	Times	1-40G	HKE-034	Feb. 19, 2025	Feb. 18, 2026
RF automatic control unit	Tonscend	JS0806-2	HKE-060	Feb. 19, 2025	Feb. 18, 2026
RF Test Software	Tonscend	JS1120-3 Version 3.5.39	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

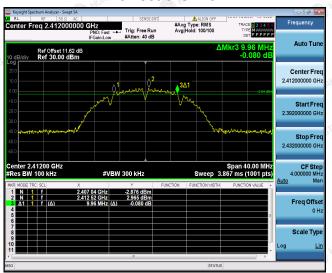
Toot channel	6dB Emission Bandwidth (MHz)						
Test channel	802.11b	802.11g	802.11n(H20)				
Lowest	9.960	16.320	17.600				
Middle	9.920	16.360	17.600				
Highest	9.960	16.360	17.600				
Limit:		>500kHz	G HUA				
Test Result:	JUANTESTIN	PASS	No.				

Test plots as follows:

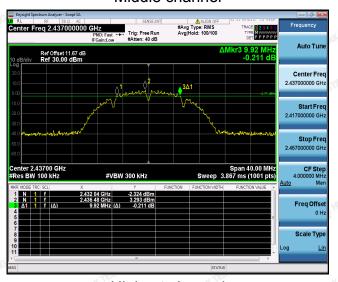
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

802.11b Modulation

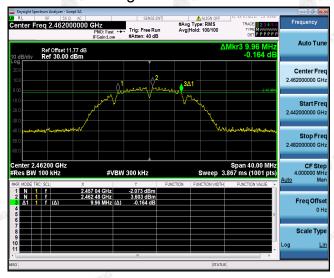
Lowest channel



Middle channel



Highest channel



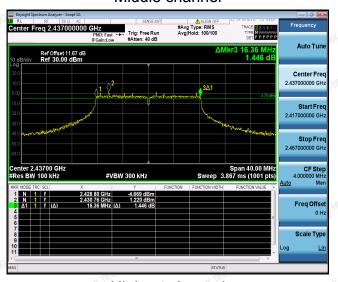
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802.11g Modulation

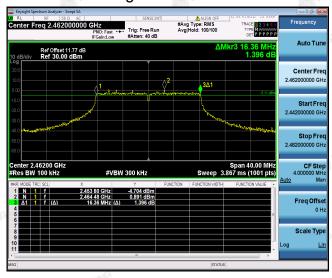
Lowest channel



Middle channel



Highest channel



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802.11n (HT20) Modulation

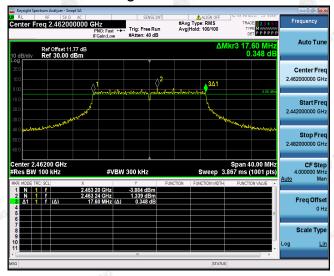
Lowest channel



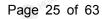
Middle channel



Highest channel



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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 greater than 8dBm in any 3kHz band at any time interval of continuous transmission.
Test Setup:	Spectrum Analyzer EUT
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. 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

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Test Instruments

RF Test Room						
Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due	
Spectrum analyzer	Agilent	N9020A	HKE-025	Feb. 19, 2025	Feb. 18, 2026	
RF cable	Times	1-40G	HKE-034	Feb. 19, 2025	Feb. 18, 2026	
RF automatic control unit	Tonscend	JS0806-2	HKE-060	Feb. 19, 2025	Feb. 18, 2026	
RF Test Software	Tonscend	JS1120-3 Version 3.5.39	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

_			_
EUT Set Mode	Channel	Result (dBm/30KHz)	Result (dBm/3kHz)
802.11b	Lowest	-2.35	-12.35
	Middle	-2.13	-12.13
	Highest	-1.71	-11.71
802.11g	Lowest	-2.96	-12.96
	Middle	-2.18	-12.18
	Highest	-2.28	-12.28
802.11n(H20)	Lowest	-2.83	-12.83
	Middle	-3.59	-13.59
	Highest	-2.32	-12.32
PSD Test Resu	It (dBm/3kHz)= P	SD Test Result (dBm/30kl	Hz)-10
Limit: 8dBm/3kl	-lz		
Test Result:	TESTIN	PASS	TESTING
4.95.7	1037	±W3	1537

Test plots as follows:

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802.11b Modulation

Lowest channel



Middle channel



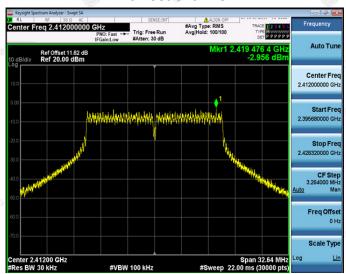
Highest channel



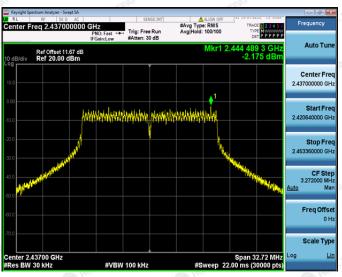
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802.11g Modulation

Lowest channel



Middle channel



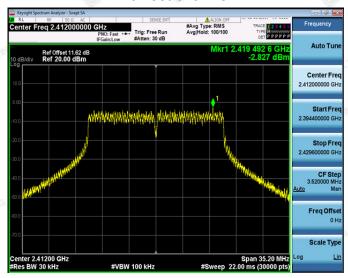
Highest channel



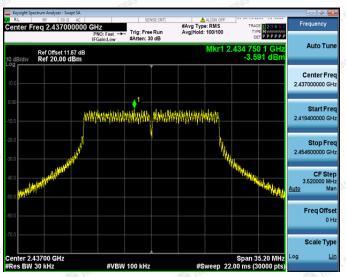
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802.11n (HT20) Modulation

Lowest channel



Middle channel



Highest channel



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