

Report No.: SHEM210600602201

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1 Cover Page

TEST REPORT

Application No.: SHEM2106006022CR **FCC ID**: SVN-ARA12-W2

Applicant: Zhejiang Dahua Vision Technology Co., Ltd

Address of Applicant: No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. 310053 China

Manufacturer: Zhejiang Dahua Vision Technology Co., Ltd

Address of Manufacturer: No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. 310053 China

Equipment Under Test (EUT):

EUT Name: Wireless Siren

Model No.: DHI-ARA12-W2, ARA12-W2, DH-ARA12-W2 ¤

Please refer to section 2 of this report which indicates which model was

actually tested and which were electrically identical.

Standard(s): 47 CFR Part 15, Subpart C 15.231

Date of Receipt: 2021-06-11

Date of Test: 2021-06-12 to 2021-06-16

Date of Issue: 2021-06-16

Test Result: Pass*

parlan 2han

Parlam Zhan E&E Section Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.

检验检测专用章 Inspection & Testing Services 38-CSTO Lineage Technical Services String Center END Leading Services String Services String Services String Services S

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^{*} In the configuration tested, the EUT complied with the standards specified above.



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Revision Record								
Version Description Date Remark								
00	Original	2021-06-16	1					

Authorized for issue by:		
	Michael Nill	
	Micheal Niu / Project Engineer	-
	Parlam Zhan	
	Parlam Zhan / Reviewer	-



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Test Summary

Test Item	FCC Requirement	Test method	Result
Antenna Requirement	Part 15.203	/	PASS
Conducted Emission	Part 15.207	ANSI C63.10 (2013) Section 6.2	N/A
Field Strength of the Fundamental	Part 15.231 (b)	ANSI C63.10 (2013) Section 6.4	PASS
Radiated Spurious emissions	Part 15.209 15.231(b)	ANSI C63.10 (2013) Section 6.4&6.5&6.6	PASS
20dB Bandwidth	Part 15.231 (c)	ANSI C63.10 (2013) Section 6.9.2	PASS
Dwell Time	Part 15.231 (a)	ANSI C63.10 (2013) Section 7.8.4	PASS

N/A: Not applicable. Please refer to Section 6.2 of this report for details.

Declaration of EUT Family Grouping:

Note: There are series models mentioned in this report, and they are the identical in electrical and electronic characters. Only the model DHI-ARA12-W2 was tested since their differences were the model number and appearance.



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4 General Information

4.1 General Description of E.U.T.

Power supply:	DC 3V by CR123A LITHIUM Batteries*2
Test voltage:	DC 3V

4.2 Technical Specifications:

Modulation Type	FSK
Number of Channels	3
Operation Frequency	433.1MHz-434.6MHz
Antenna Type	Spring Antenna

4.3 Description of Support Units

The EUT has been tested independently

4.4 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc.

No.10 Weiye Rd, Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China.

Tel: +86 512 5735 5888 Fax: +86 512 5737 0818

No tests were sub-contracted.



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4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• CNAS (No. CNAS L4354)

CNAS has accredited Compliance Certification Services (Kunshan) Inc. to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

• A2LA (Certificate No. 2541.01)

Compliance Certification Services (Kunshan) Inc. is accredited by the American Association for Laboratory Accreditation (A2LA). Certificate No. 2541.01.

• FCC (Designation Number: CN1172)

Compliance Certification Services Inc. has been recognized as an accredited testing laboratory.

Designation Number: CN1172.ISED (CAB Identifier: CN0072)

Compliance Certification Services (Kunshan) Inc. has been recognized by Innovation, Science and Economic Development (ISED) Canada as an accredited testing laboratory.

CAB Identifier: CN0072.
• VCCI (Member No.: 1938)

The 3m and 10m Semi-anechoic chamber and Shielded Room of Compliance Certification Services (Kunshan) Inc. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-11600, C-11707, T-11499, G-10216 respectively.



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4.6 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	8.4 x 10-8
2	Timeout	2s
3	Duty cycle	0.4%
4	Occupied Bandwidth	3%
5	RF conducted power	0.6dB
6	RF power density	2.9dB
7	Conducted Spurious emissions	0.75dB
0	DE Dedicted newer	5.1dB (Below 1GHz)
8	RF Radiated power	5.9dB (Above 1GHz)
		4.2dB (Below 30MHz)
•		4.5dB (30MHz-1GHz)
9	Radiated Spurious emission test	5.1dB (1GHz-6GHz)
		5.4dB (6GHz-18GHz)
10	Temperature test	1°C
11	Humidity test	3%
12	Supply voltages	1.5%
13	Time	3%

Note: The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



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Equipments Used during Test

Item	Equipment	Manufacturer	Model	Serial Number	Cal Date	Cal. Due Date			
RF Co	RF Conducted Test								
1	Spectrum Analyzer	Agilent	E4446A	MY44020154	04/16/2021	04/15/2022			
2	Spectrum Analyzer	Keysight	N9020A	MY55370209	12/02/2020	12/01/2021			
3	Spectrum Analyzer	Keysight	N9010A	MY56480443	02/01/2021	01/31/2022			
4	Signal Generator	Agilent	N5182A	MY50142015	09/25/2020	09/24/2021			
5	Radio Communication Test Station	Anritsu	MT8000A	6262012849	N/A	N/A			
6	Radio Communication Analyzer	Anritsu	MT8821C	6201692222	N/A	N/A			
7	Universal Radio Communication Tester	R&S	CMW500	159275	10/19/2020	10/18/2021			
8	Universal Radio Communication Tester	R&S	CMW500	167239	04/16/2021	04/15/2022			
9	Power Meter	Anritsu	ML2495A	1445010	04/15/2021	04/14/2022			
10	Switcher	CCSRF	FY562	KUS2001M001 -3	10/19/2020	10/18/2021			
11	AC Power Source	EXTECH	6605	1570106	N.C.R	N.C.R			
12	DC Power Supply	Aglient	E3632A	MY50340053	N.C.R	N.C.R			
13	6dB Attenuator	Mini-Circuits	NAT-6-2W	15542-1	N.C.R	N.C.R			
14	Power Divider	AISI	IOWOPE2068	PE2068	N.C.R	N.C.R			
15	Filter	MICRO-TRONICS	BRM50701	5	N.C.R	N.C.R			
16	Conducted test cable	/	RF01-RF04	/	04/15/2021	04/14/2022			
17	Software	BST	TST-PASS	N/A	N/A	N/A			
18	Temp. / Humidity Chamber	TERCHY	MHK-120AK	X30109	04/15/2021	04/14/2022			
19	Thermometer	Anymetre	TH603	CCS007	10/16/2020	10/15/2021			
RF R	adiated Test								
1	Spectrum Analyzer	R&S	FSV40	101493	10/19/2020	10/18/2021			
2	Signal Generator	Agilent	E8257C	MY43321570	10/19/2020	10/18/2021			
3	Loop Antenna	Schwarzbeck	HXYZ9170	9170-108	02/22/2021	02/21/2022			
4	Bilog Antenna	TESEQ	CBL 6112D	35403	06/22/2019	06/21/2021			
5	Bilog Antenna	SCHWARZBECK	VULB9160	9160-3342	04/13/2021	04/12/2023			
6	Horn-antenna(1-18GHz)	Schwarzbeck	BBHA9120D	267	10/26/2020	10/25/2022			
7	Horn-antenna(1-18GHz)	ETS-LINDGREN	3117	00143290	02/22/2021	02/21/2023			
8	Horn Antenna(18-40GHz)	Schwarzbeck	BBHA9170	BBHA9170171	02/22/2021	02/21/2022			
9	Horn-antenna(40-60GHz)	REBES	SAZ-2410-19-S1	06299-01	N/A	N/A			
10	Horn-antenna(50-75GHz)	REBES	SAZ-2410-15-S1	01731-01	N/A	N/A			
11	Horn-antenna(75-110GHz)	REBES	SAZ-2410-10-S1	01773-09	N/A	N/A			
12	Horn-antenna(110-170GHz)	REBES	SAZ-2410-06-S1	01776-05	N/A	N/A			
13	Horn-antenna(140-220GHz)	REBES	SAZ-2410-05-S1	01759-04	N/A	N/A			
14	Horn-antenna(220-325GHz)	REBES	SAR-2309-03-S2	06300-01	N/A	N/A			
15	Extended waveguide(40-60GHz)	REBES	SWG-19025-FB	06303-01	N/A	N/A			
16	Extended waveguide(50-75GHz)	REBES	SWG-15025-FB	01525-09	N/A	N/A			
17	Extended waveguide(75-110GHz)	REBES	SWG-10025-FB	01509-01	N/A	N/A			
18	Extended waveguide(110-170GHz)	REBES	SWG-06025-FB	06302-01	N/A	N/A			
19	Extended waveguide(140-220GHz)	REBES	SWG-05025-FB	06304-01	N/A	N/A			
20	Extended waveguide(220-325GHz)	REBES	SWG-03025-FB	06301-01	N/A	N/A			



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21	Harmonic mixer(110-170GHz)	REBES	STH-06SF-S1	06110-01	N/A	N/A
22	Harmonic mixer(40-60GHz)	REBES	STH-19SF-S1	06937-01	N/A	N/A
23	Waveguide Harmonic Mixer(50-75GHz)	KEYSIGHT	M1970V	MY51390966	N/A	N/A
24	Waveguide Harmonic Mixer(50-75GHz) cable	Silverline	SLU18-SMSM -01.00M	99612	N/A	N/A
25	Waveguide Harmonic Mixer(75-110GHz)	KEYSIGHT	M1970W	MY51430883	N/A	N/A
26	Vaveguide Harmonic Mixer(75-110GHz) cabl	Silverline	SLU18-SMSM -01.00M	94202	N/A	N/A
27	Pre-Amplifier(30MHz~18GHz)	LNA	1	1	04/15/2021	04/14/2022
28	Amplifier(18~40GHz)	COM-POWER	PAM-840A	461332	10/23/2020	10/22/2021
29	Low Pass Filter	MICRO-TRONICS	VLFX-950	RV142900829	N.C.R	N.C.R
30	High Pass Filter	Mini-Circuits	VHF-1200	15542	N.C.R	N.C.R
31	Filter (5450MHz~5770 MHz)	MICRO-TRONICS	BRC50704-01	2	N.C.R	N.C.R
32	Filter (5690 MHz~5930 MHz)	MICRO-TRONICS	BRC50705-01	4	N.C.R	N.C.R
33	Filter (5150 MHz~5350 MHz)	MICRO-TRONICS	BRC50703-01	2	N.C.R	N.C.R
34	Filter (885 MHz~915 MHz)	MICRO-TRONICS	BRM14698	1	N.C.R	N.C.R
35	Filter (815 MHz~860 MHz)	MICRO-TRONICS	BRM14697	1	N.C.R	N.C.R
36	Filter (1745 MHz~1910 MHz)	MICRO-TRONICS	BRM14700	1	N.C.R	N.C.R
37	Filter (1922 MHz~1977 MHz)	MICRO-TRONICS	BRM50715	1	N.C.R	N.C.R
38	Filter (2550 MHz)	MICRO-TRONICS	HPM13362	5	N.C.R	N.C.R
39	Filter (1532 MHz~1845 MHz)	MICRO-TRONICS	BRM50713	1	N.C.R	N.C.R
40	Filter (2.4GHz)	MICRO-TRONICS	BRM50701	5	N.C.R	N.C.R
41	RE test cable	1	RE01-RE04	/	04/15/2021	04/14/2022
42	Software	Farad	EZ-EMC	CCS-03A1	N/A	N/A



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Test results and Measurement Data

6.1 Antenna Requirement

15.203 Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

The antenna is spring antenna and no consideration of replacement.

Antenna location: Refer to Appendix (Internal Photos)



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6.2 Conducted Emissions at AC Power Line (150kHz-30MHz)

Test Requirement 47 CFR Part 15, Subpart C 15.207 Test Method: ANSI C63.10 (2013) Section 6.2

Limit:

Fraguency of amission(MHz)	Conducted limit(dBµV)				
Frequency of emission(MHz)	Quasi-peak	Average			
0.15-0.5	66 to 56*	56 to 46*			
0.5-5	56	46			
5-30	60	50			
*Decreases with the logarithm of the frequency.					

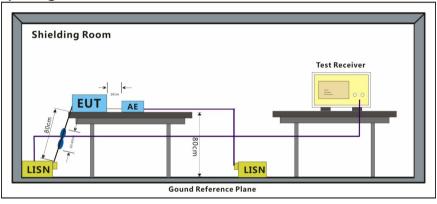
6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1020 mbar

Test mode N/A

6.2.2 Test Setup Diagram





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6.2.3 Measurement Procedure and Data

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50µH + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) 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 on conducted measurement.

Remark: LISN=Read Level+ Cable Loss+ LISN Factor

Note: This EUT is powered by battery only; therefore the AC Conducted Emission test is not applicable.



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6.3 Spurious Emissions

Test frequency range: 9KHz - 5GHz

Test Site: Measurement Distance: 3m

Receiver Setup:

(Spurious Emissions)

Limit:

RBW VBW Remark Frequency Detector 0.009MHz-0.015MHz Quasi-peak 200Hz 1KHz Quasi-peak 0.015MHz-30MHz Quasi-peak 9kHz 30KHz Quasi-peak 300KHz 30MHz-1GHz Quasi-peak 120 kHz Quasi-peak 1MHz 3MHz Peak Peak Above 1GHz Peak 1MHz 10Hz Average Field strenath Limit Measurement Frequency Remark (microvolt/meter) (dBuV/m) distance (m) 2400/F(kHz) 0.009MHz-0.490MHz Quasi-peak 300 0.490MHz-1.705MHz 24000/F(kHz) Quasi-peak 30 1.705MHz-30MHz 30 30 Quasi-peak 100 3 30MHz-88MHz 40.0 Quasi-peak 3 88MHz-216MHz 150 43.5 Quasi-peak 200 3 216MHz-960MHz 46.0 Quasi-peak 960MHz-1GHz 500 54.0 Quasi-peak 3 3 54.0 Average Above 1GHz 500 74.0 Peak 3 Frequency Limit (dBuV/m @3m) Remark 80.83 Average Value 433.09 - 434.61MHz 100.83 Peak Value

Limit: (Field strength of the fundamental signal)

Test Procedure:

- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- The radiation measurements are performed in X, Y, Z axis positioning. And found the Z axis positioning which it is worse case, only the test worst case

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mode is recorded in the report.

E.U.T. Operation

Operating Environment:

Atmospheric Pressure: 1020 mbar Temperature: Humidity: 50 % RH

Test mode a: TX mode Keep the EUT in transmitting with modulation mode.

Test Setup:

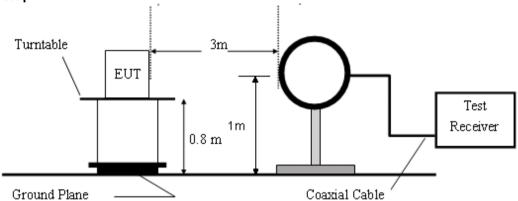


Figure 1. Blow 30MHz radiated emissions test configuration

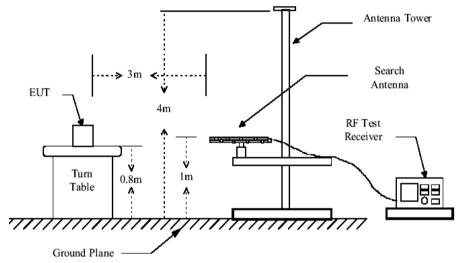


Figure 2. 30MHz to 1GHz radiated emissions test configuration

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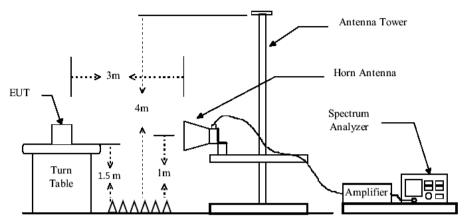


Figure 3. Above 1GHz radiated emissions test configuration

Test Results: Pass

6.3.1 Field Strength of the Fundamental Signal

Test channel	Freq. (MHz)	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
		89.01	100.83	-11.82	Peak	Vertical
Channel 1	433.1	88.93	100.83	-11.90	Peak	Horizontal
Channel	433.1	78.55	80.83	-2.28	AVG	Vertical
		78.47	80.83	-2.36	AVG	Horizontal
	433.85	88.55	100.83	-12.28	Peak	Vertical
Channal		86.95	100.83	-13.88	Peak	Horizontal
Channel 2		78.09	80.83	-2.74	AVG	Vertical
		76.49	80.83	-4.34	AVG	Horizontal
		88.34	100.83	-12.49	Peak	Vertical
Channel 3	424.6	87.81	100.83	-13.02	Peak	Horizontal
	434.6	77.88	80.83	-2.95	AVG	Vertical
		77.35	80.83	-3.48	AVG	Horizontal

Remark:

- 1. If the Peak value below the AV Limit, the AV test doesn't perform for this submission.
- 2. Average level=Peak level-Duty Cycle Factor
- 3. Duty Cycle Factor= 20log(Duty Cycle)=10.46dB



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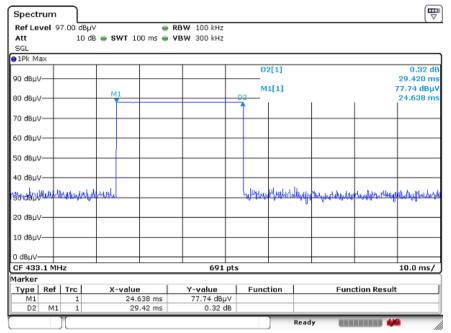


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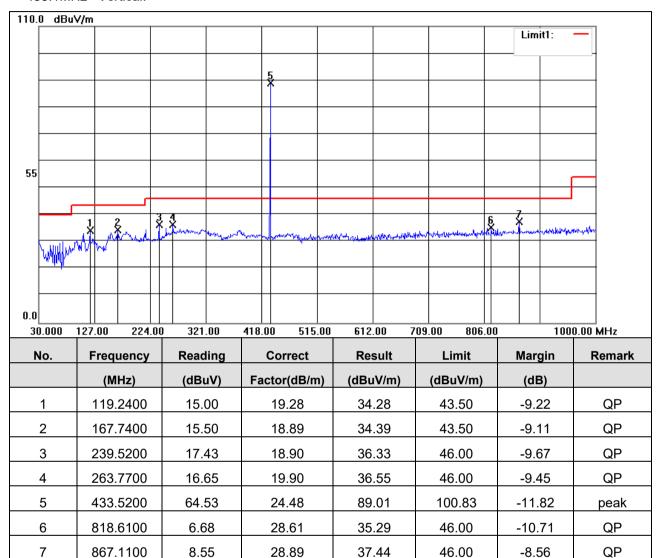
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6.3.2 Spurious Emissions

Below 1GHz

433.1MHz Vertical:





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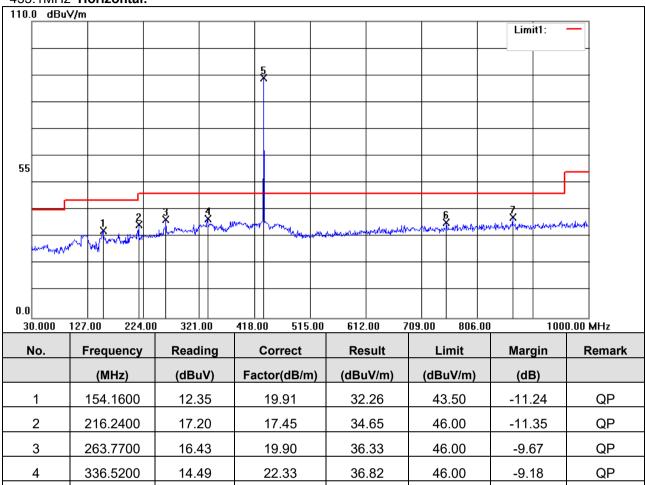
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433.1MHz Horizontal:





5

6

7

434.4900

752.6500

868.0800

64.44

7.25

8.35

24.49

28.16

28.89

88.93

35.41

37.24

100.83

46.00

46.00

-11.90

-10.59

-8.76

peak

QP

QP

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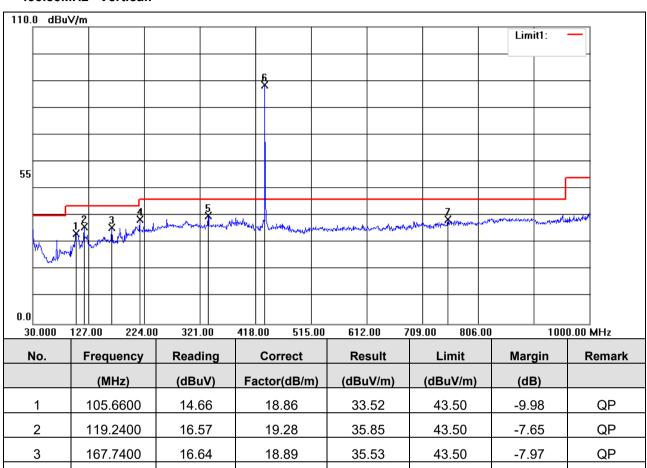
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433.85MHz Vertical:





4

5

6

7

216.2400

335.5500

434.4900

753.6200

21.26

17.70

64.06

10.38

17.45

22.29

24.49

28.17

38.71

39.99

88.55

38.55

46.00

46.00

100.83

46.00

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QP

QP

peak

QP

-7.29

-6.01

-12.28

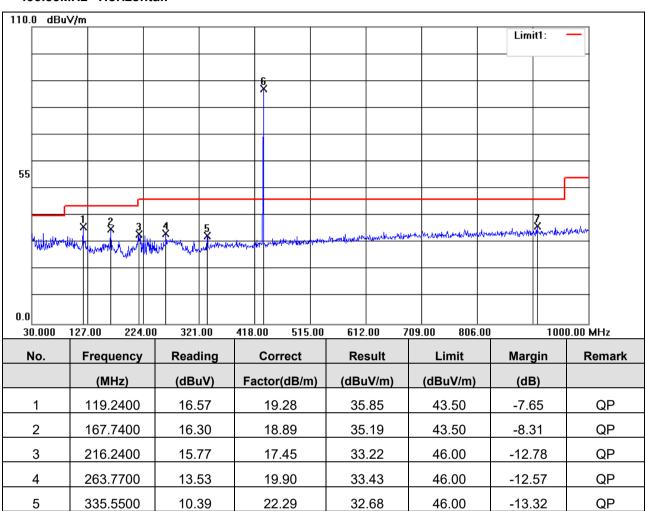
-7.45



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433.85MHz Horizontal:





6

7

433.5200

910.7600

62.47

7.01

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24.48

29.12

86.95

36.13

100.83

46.00

-13.88

-9.87

peak

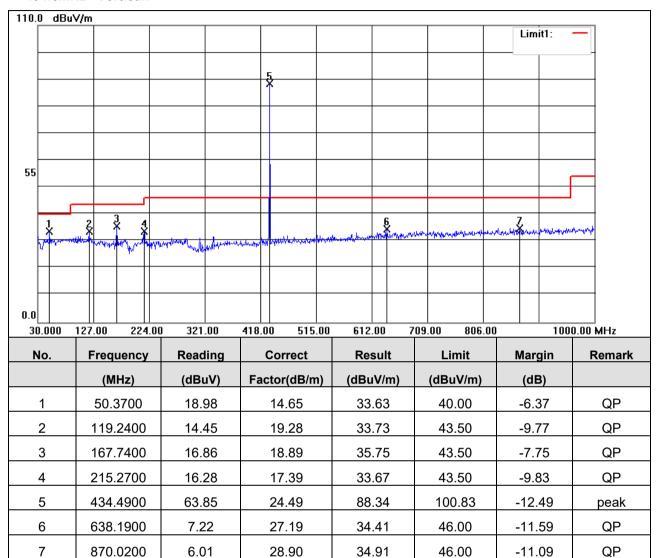
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434.6MHz Vertical:





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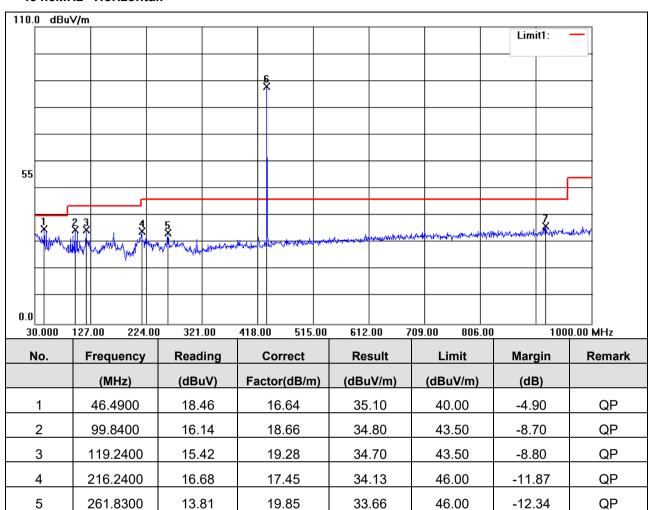
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434.6MHz Horizontal:





6

7

434.4900

920.4600

63.32

7.05

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24.49

29.19

87.81

36.24

100.83

46.00

-13.02

-9.76

peak

QP



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Above 1GHz

433.1MHz

Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	2125.000	49.38	-7.95	41.43	74.00	-32.57	peak	Vertical
2	2602.000	49.63	-6.70	42.93	74.00	-31.07	peak	Vertical
3	4177.000	47.26	-3.07	44.19	74.00	-29.81	peak	Vertical
4	1918.000	46.94	-9.28	37.66	74.00	-36.34	peak	Horizontal
5	2557.000	47.78	-6.84	40.94	74.00	-33.06	peak	Horizontal
6	3178.000	47.54	-5.32	42.22	74.00	-31.78	peak	Horizontal

438.85MHz

Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	2242.000	50.34	-7.68	42.66	74.00	-31.34	peak	Vertical
2	3259.000	48.44	-5.29	43.15	74.00	-30.85	peak	Vertical
3	4159.000	48.09	-3.17	44.92	74.00	-29.08	peak	Vertical
4	2134.000	49.05	-7.93	41.12	74.00	-32.88	peak	Horizontal
5	3331.000	49.02	-5.36	43.66	74.00	-30.34	peak	Horizontal
6	4393.000	46.96	-2.80	44.16	74.00	-29.84	peak	Horizontal

434.6MHz

Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	2161.000	49.66	-7.87	41.79	74.00	-32.21	peak	Vertical
2	3277.000	48.45	-5.31	43.14	74.00	-30.86	peak	Vertical
3	4330.000	46.61	-2.85	43.76	74.00	-30.24	peak	Vertical
4	2161.000	49.22	-7.87	41.35	74.00	-32.65	peak	Horizontal
5	2773.000	50.14	-6.44	43.70	74.00	-30.30	peak	Horizontal
6	4051.000	48.23	-3.77	44.46	74.00	-29.54	peak	Horizontal



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6.4 20dB Bandwidth

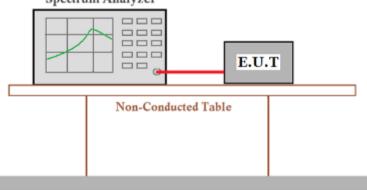
E.U.T. Operation

Operating Environment:

Temperature: 22 % RH Atmospheric Pressure: 1020 mbar Humidity: 50

Test mode a: TX mode Keep the EUT in transmitting with modulation mode.

Test Setup: Spectrum Analyzer



Ground Reference Plane

Limit: The bandwidth of the emission shall be no wider than 0.25% of the center frequency

> for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency.

Bandwidth is determined at the points 20 dB down from the modulated carrier.

Test Results: Pass

Frequency (MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
433.10	61.65	1083	Pass
433.85	61.36	1085	Pass
434.60	62.52	1087	Pass



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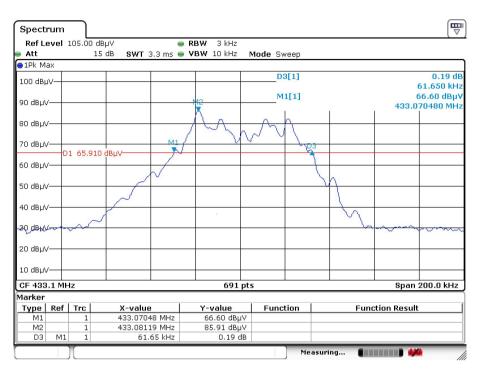
t(86-21) 61915666 f(86-21) 61915678 e sgs.china@sgs.com



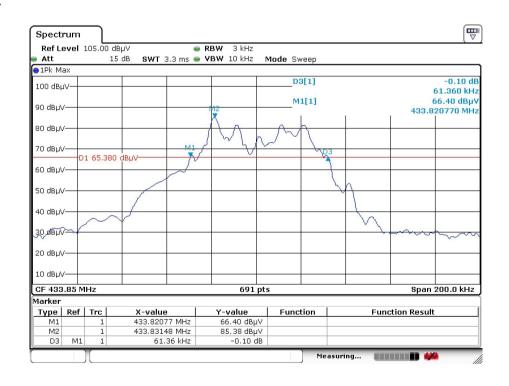
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Test plot as follows: 433.1MHz



433.85MHz





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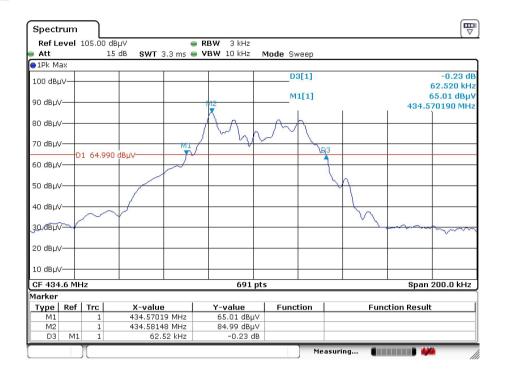
检验检测专用章

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

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434.6MHz





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6.5 Dwell Time

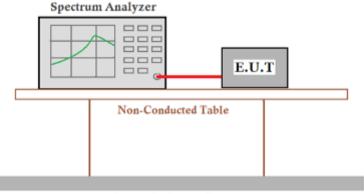
E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1020 mbar

Test mode a: TX mode Keep the EUT in transmitting with modulation mode.

Test Setup:



Ground Reference Plane

Limit: 15.231 (b): Not more than 5 seconds

Test Results: Pass

Measurement Data:

Test item	Limit (s)	Results		
Transmission Duration	≤5s	Pass		



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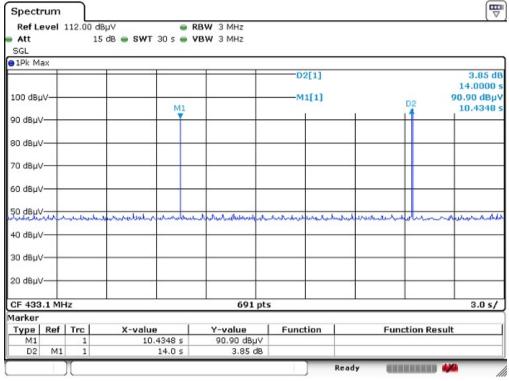
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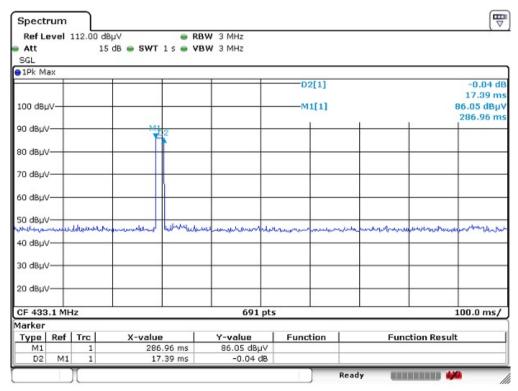


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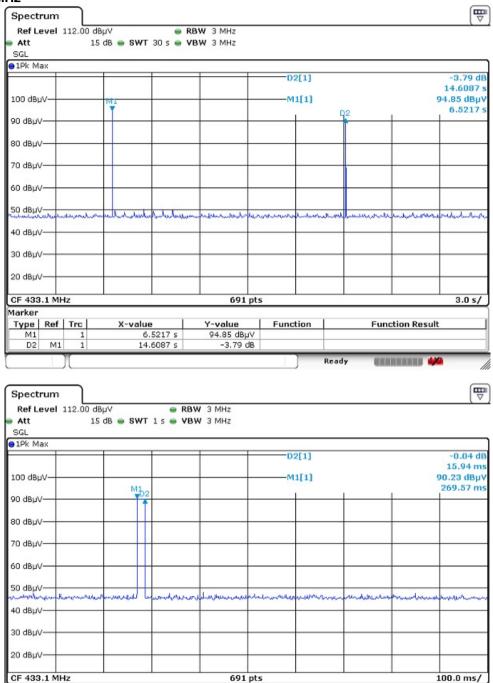
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433.85MHz





Marker

M1 D2 М1

Type Ref Trc

X-value

269.57 ms

15.94 ms

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Function Result

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Y-value

90.23 dBµV

-0.04 dB

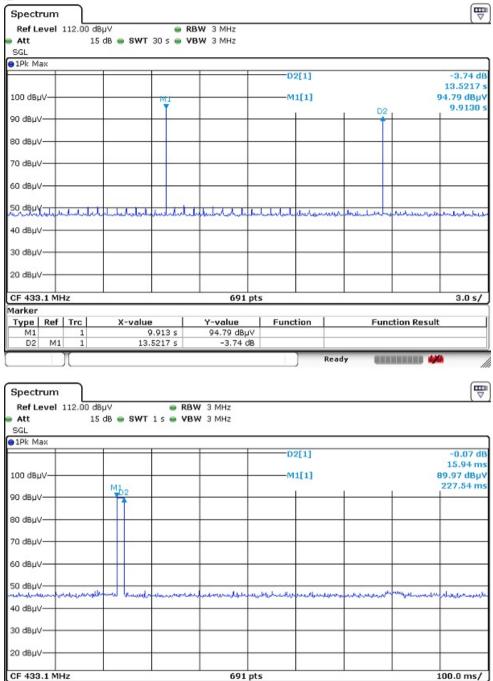
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434.6MHz





Marker

M1 D2 М1

Type | Ref | Trc

X-value

227.54 ms

15.94 ms

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Function Result

Function

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Y-value

89.97 dBµV

-0.07 dB



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Test Setup Photographs

Refer to the < Test Setup photos-FCC>.

EUT Constructional Details

Refer to the < External Photos > & <Internal Photos >.

-- End of the Report--



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