

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

Report No.: SHEM210300254101 Page: 1 of 63

TEST REPORT

Application No.:	SHEM2103002541CR
FCC ID:	2APV2-CSC3W1F4
Applicant:	Hangzhou Ezviz Software Co., Ltd.
Address of Applicant:	Room 302,Unit B,Building 2,399 Danfeng Road,Binjiang District,Hangzhou,Zhejiang
Manufacturer:	Hangzhou Ezviz Software Co., Ltd.
Address of Manufacturer:	Room 302,Unit B,Building 2,399 Danfeng Road,Binjiang District,Hangzhou,Zhejiang
Equipment Under Test (EU	Г):
EUT Name:	Smart Home Camera
Model No.:	CS-C3W, CS-CTQ3W, CS-C3W (4MP,2.8mm,H.265), CS-
	C3W (4MP,4mm,H.265), CS-C3W-A0-1F4WFL¤
¤	Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.
Trade mark:	EZVIZ
Standard(s) :	47 CFR Part 15, Subpart C 15.247
Date of Receipt:	2021-03-26
Date of Test:	2021-04-06 to 2021-04-21
Date of Issue:	2021-04-22
Test Result:	Pass*

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

parlan share

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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed	
overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents,	
subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx.	
Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is	
advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of	
Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a	
transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced	
except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or	
appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the	
results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.	
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443.	,
or email: CN Doccheck@sgs.com	

Co.Ltd NO.588 West Jindu Road, Songjiang District, Shanghai, China 201612 中国・上海・松江区金都西路588号 邮编: 201612



 Report No.:
 SHEM210300254101

 Page:
 2 of 63

Revision Record						
Version Description Date Remark						
00 Original		2021-04-22	/			

Authorized for issue by:		
	pichal Nil	
	Micheal Niu / Project Engineer	
	parlam zhan	
	Parlam Zhan / Reviewer	



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions/Terms-and-Conditions/Terms-enDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone. (86-755) 8307 1443, or email: CN.Doccheck@ess.com

NO.588 West Jindu Road, Songjiang District, Shanghai, China	201612
中国・上海・松江区金都西路588号 邮编:	201612



Report No.: SHEM210300254101 Page: 3 of 63

2 Test Summary

Radio Spectrum Technical Requirement					
Item	Requirement	Result			
Antenna Requirement	47 CFR Part 15, Subpart C 15.247	N/A	47 CFR Part 15, Subpart C 15.203 & 15.247(b)(4)	Pass	

Radio Spectrum Matter Part						
ltem	Item Standard		Requirement	Result		
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.207	Pass		
Minimum 6dB Bandwidth	47 CFR Part 15, Subpart C 15.247			Pass		
Conducted Peak Output Power	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 11.9.1	47 CFR Part 15, Subpart C 15.247(b)(3)	Pass		
Power Spectrum Density	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 11.10.2	47 CFR Part 15, Subpart C 15.247(e)	Pass		
Conducted Band Edges Measurement	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 11.13.3.2	47 CFR Part 15, Subpart C 15.247(d)	Pass		
Conducted Spurious Emissions	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 11.11	47 CFR Part 15, Subpart C 15.247(d)	Pass		
Radiated Emissions which fall in the restricted bands	S 47 CFR Part 15, Subpart C 15.247 Section 6.1		47 CFR Part 15, Subpart C 15.209 & 15.247(d)	Pass		
Radiated Spurious Emissions	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 6.4,6.5,6.6	47 CFR Part 15, Subpart C 15.209 & 15.247(d)	Pass		

Declaration of EUT Family Grouping:

Note: There are series models mentioned in this report, and they are the similar in electrical and electronic characters. Only the model CS-C3W was tested since their differences were the model number and appearance.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company, any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Road, Songjiang Distr	ict, Shanghai, China 201612	
中国・上海・松江区金都西路588号	邮编: 201612	



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

Report No.: SHEM210300254101 Page: 4 of 63

3 **Contents**

			Page
1	CO	VER PAGE	1
2	TES	ST SUMMARY	3
3	со	NTENTS	4
4	GE	NERAL INFORMATION	5
	4.1 4 2	DETAILS OF E.U.T POWER LEVEL SETTING USING IN TEST:	-
	4.3	DESCRIPTION OF SUPPORT UNITS	5
	4.4 4.5	MEASUREMENT UNCERTAINTY TEST LOCATION	7
	4.6 4.7	TEST FACILITY DEVIATION FROM STANDARDS	7
5	4.8 EQ	Abnormalities from Standard Conditions	
6	RA	DIO SPECTRUM TECHNICAL REQUIREMENT	10
(6.1	ANTENNA REQUIREMENT	10
7	RA	DIO SPECTRUM MATTER TEST RESULTS	11
	7.1 7.2	Conducted Emissions at AC Power Line (150kHz-30MHz) Minimum 6dB Bandwidth	11 15
•	7.3 7.4	CONDUCTED PEAK OUTPUT POWER	16
-	7.5	Power Spectrum Density Conducted Band Edges Measurement	19
-	7.6 7.7	CONDUCTED SPURIOUS EMISSIONS RADIATED EMISSIONS WHICH FALL IN THE RESTRICTED BANDS	23
8	7.8 те	RADIATED SPURIOUS EMISSIONS	
-			
9	EU.	T CONSTRUCTIONAL DETAILS	63



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@sgs.com (86-21)61915666 fi86-21)61915678 www.sgsqroup.com.cn

NO.588 West Jindu Road, Songjiang District, Shanghai,	China	201612	
中国・上海・松江区金都西路588号 6	邮编:	201612	

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



Report No.: SHEM210300254101 Page: 5 of 63

4 General Information

4.1 Details of E.U.T.

Power supply:	DC 12V by adapter
Test voltage:	AC 120V/60Hz
Antenna Gain:	Ant 1:3dBi(Provided by manufacturer)
	Ant 2:3dBi(Provided by manufacturer)
	Directional gain:6dBi
Antenna Type:	Dipole Antenna
Channel Spacing:	5MHz
Modulation Type:	802.11b: DSSS (CCK, DQPSK, DBPSK)
	802.11g/n: OFDM (64QAM, 16QAM, QPSK, BPSK)
Data Rate:	802.11b: 1/2/5.5/11Mbps,
	802.11g: 6/9/12/18/24/36/48/54Mbps
	802.11n: MCS 0 to 7 for HT20MHz
Number of Channels:	802.11b/g/n(HT20):11
Operation Frequency:	802.11b/g/n(HT20): 2412MHz to 2462MHz

4.2 Power level setting using in test:

Channal	802	.11b	80)2.11g	802.11n(HT20)
Channel	Ant 1	Ant 2	Ant 1	Ant 2	MIMO
1	14	15	14	14	12
6	14	14	14	14	12
11	14	14	14	14	12

4.3 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
AC Adapter	DVE	DSA-12G-12FEU	/
Laptop	Lenovo	ThinkPad X100e	/
SecureCRT	VanDyke	V 6.2.0	/
Serial port adapter plate	/	Test Plate 3	/



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@ags.com

NO.588 West Ji	ndu Road, Songjiang District, Shi	anghai,China	201612	
中国・上海・	松江区金都西路588号	邮编:	201612	



4.4 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	8.4 x 10 ⁻⁸
2	Timeout	2s
3	Duty Cycle	0.37%
4	Occupied Bandwidth	3%
5	RF Conducted Power	0.6dB
6	RF Power Density	2.9dB
7	Conducted Spurious Emissions	0.75dB
8	RF Radiated Power	5.1dB (Below 1GHz)
0	RF Radiated Powel	4.9dB (Above 1GHz)
		4.2dB (Below 30MHz)
0	Redicted Sourious Emission Test	4.5dB (30MHz-1GHz)
9	Radiated Spurious Emission Test	5.1dB (1GHz-18GHz)
		5.4dB (Above 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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extend of the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

NO.588 West Jin	ndu Road, Songjiang District, Shar	nghai,China	201612
中国・上海・	松江区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 7 of 63

4.5 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.

4.6 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 Canada (ISED) as an accredited testing laboratory.

Company Number: 2324E

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-1600, C-1707, T-1499, G-10216 respectively.

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions_aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions_aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company is ole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@ags.com

NO.588 West Jindu Road, Songjiang District, Shanghai, China	201612
中国・上海・松江区金都西路588号 邮编:	201612



Report No.: SHEM210300254101 Page: 8 of 63

5 Equipment List

Item	Equipment	Manufacturer	Model	Serial Number	Cal Date	Cal. Due Date
Con	ducted Emission at Mains Terminals (150	kHz-30MHz)				
1	EMI Test Receive	R&S	ESCI	100781	02/01/2021	01/31/2022
2	LISN	R&S	ENV216	101604	10/19/2020	10/18/2021
3	LISN	Schwarzbeck	NNLK 8129	8129-143	10/19/2020	10/18/2021
4	Pulse Limiter	R&S	ESH3-Z2	100609	02/01/2021	01/31/2022
5	CE test Cable	Thermax	/	14	10/17/2020	10/16/2021
6	Test Software	Farad	EZ-EMC	CCS-03A1	N.C.R	N.C.R
RF	Conducted Test					
1	Spectrum Analyzer	Agilent	E4446A	MY44020154	04/17/2020	04/16/2021
2	Spectrum Analyzer	Agilent	E4446A	MY44020154	04/16/2021	04/15/2022
3	Spectrum Analyzer	Keysight	N9020A	MY55370209	12/02/2020	12/01/2021
4	Spectrum Analyzer	Keysight	N9010A	MY56480443	02/01/2021	01/31/2022
5	Signal Generator	Agilent	N5182A	MY50142015	09/25/2020	09/24/2021
6	Radio Communication Test Station	Anritsu	MT8000A	6262012849	N/A	N/A
7	Radio Communication Analyzer	Anritsu	MT8821C	6201692222	N/A	N/A
8	Universal Radio Communication Tester	R&S	CMW500	159275	10/19/2020	10/18/2021
9	Universal Radio Communication Tester	R&S	CMW500	167239	04/17/2020	04/16/2021
10	Universal Radio Communication Tester	R&S	CMW500	167239	04/16/2021	04/15/2022
11	Power Meter	Anritsu	ML2495A	1445010	04/16/2020	04/15/2021
12	Power Meter	Anritsu	ML2495A	1445010	04/15/2021	04/14/2022
13	Switcher	CCSRF	FY562	KUS2001M001 -3	10/19/2020	10/18/2021
14	AC Power Source	EXTECH	6605	1570106	N.C.R	N.C.R
15	DC Power Supply	Aglient	E3632A	MY50340053	N.C.R	N.C.R
16	6dB Attenuator	Mini-Circuits	NAT-6-2W	15542-1	N.C.R	N.C.R
17	Power Divider	AISI	IOWOPE2068	PE2068	N.C.R	N.C.R
18	Filter	MICRO-TRONICS	BRM50701	5	N.C.R	N.C.R
19	Conducted test cable	/	RF01-RF04	/	04/16/2020	04/15/2021
20	Conducted test cable	/	RF01-RF04	/	04/15/2021	04/14/2022
21	Software	BST	TST-PASS	N/A	N/A	N/A
22	Temp. / Humidity Chamber	TERCHY	MHK-120AK	X30109	04/16/2020	04/15/2021
23	Temp. / Humidity Chamber	TERCHY	MHK-120AK	X30109	04/15/2021	04/14/2022
24	Thermometer	Anymetre	TH603	CCS007	10/16/2020	10/15/2021
RF R	adiated Test	1		1		
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	04/14/2019	04/13/2021
6	Bilog Antenna	SCHWARZBECK	VULB9160	9160-3342	04/13/2021	04/12/2023
7	Horn-antenna(1-18GHz)	Schwarzbeck	BBHA9120D	267	10/26/2020	10/25/2022
8	Horn-antenna(1-18GHz)	ETS-LINDGREN	3117	00143290	02/22/2021	02/21/2023
9	Horn Antenna(18-40GHz)	Schwarzbeck	BBHA9170	BBHA9170171	02/22/2021	02/21/2022
10	Horn-antenna(40-60GHz)	REBES	SAZ-2410-19-S1	06299-01	N/A	N/A
11	Horn-antenna(50-75GHz)	REBES	SAZ-2410-15-S1	01731-01	N/A	N/A



	Unless otherwise agreed in writing, this document is issued by the Company subje				
	overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Cond				
	subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/				
	Attention is drawn to the limitation of liability, indemnification and jurisdiction issues	defined there	in. Any holder	of this document is	
	advised that information contained hereon reflects the Company's findings at the time				
	Client's instructions, if any. The Company's sole responsibility is to its Client and t				
	transaction from exercising all their rights and obligations under the transaction do	cuments. This	document car	not be reproduced	
	except in full, without prior written approval of the Company. Any unauthorized alte				
	appearance of this document is unlawful and offenders may be prosecuted to the fulle	st extent of th	e law. Unless o	therwise stated the	
	results shown in this test report refer only to the sample(s) tested and such sample(s) ar	e retained for	30 days only		
	Attention: To check the authenticity of testing /inspection report & certificate, plea	ase contact u	s at telephone	(86-755) 8307 1443	
	or email: CN.Doccheck@sgs.com	uoo oomuon u	ourtereprierie		
144		20231012(10 20)	f/00 04\045670	www.sasaroup.com.cn	

1.	NO.588 West Jindu Road, Songjiang District, Sha	ingnai, China	201612	
	中国・上海・松江区金都西路588号	邮编:	201612	

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

Member of the SGS Group (SGS SA)



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

Report No.: SHEM210300254101 Page: 9 of 63

12	Horn-antenna(75-110GHz)	REBES	SAZ-2410-10-S1	01773-09	N/A	N/A
13	Horn-antenna(110-170GHz)	REBES	SAZ-2410-06-S1	01776-05	N/A	N/A
14	Horn-antenna(140-220GHz)	REBES	SAZ-2410-05-S1	01759-04	N/A	N/A
15	Horn-antenna(220-325GHz)	REBES	SAR-2309-03-S2	06300-01	N/A	N/A
16	Extended waveguide(40-60GHz)	REBES	SWG-19025-FB	06303-01	N/A	N/A
17	Extended waveguide(50-75GHz)	REBES	SWG-15025-FB	01525-09	N/A	N/A
18	Extended waveguide(75-110GHz)	REBES	SWG-10025-FB	01509-01	N/A	N/A
19	Extended waveguide(110-170GHz)	REBES	SWG-06025-FB	06302-01	N/A	N/A
20	Extended waveguide(140-220GHz)	REBES	SWG-05025-FB	06304-01	N/A	N/A
21	Extended waveguide(220-325GHz)	REBES	SWG-03025-FB	06301-01	N/A	N/A
22	Harmonic mixer(110-170GHz)	REBES	STH-06SF-S1	06110-01	N/A	N/A
23	Harmonic mixer(40-60GHz)	REBES	STH-19SF-S1	06937-01	N/A	N/A
24	Waveguide Harmonic Mixer(50-75GHz)	KEYSIGHT	M1970V	MY51390966	N/A	N/A
25	Vaveguide Harmonic Mixer(50-75GHz) cable	Silverline	LU18-SMSM-01.00	99612	N/A	N/A
26	Waveguide Harmonic Mixer(75-110GHz)	KEYSIGHT	M1970W	MY51430883	N/A	N/A
27	Vaveguide Harmonic Mixer(75-110GHz) cabl	Silverline	LU18-SMSM-01.00		N/A	N/A
28	Pre-Amplifier(30MHz~18GHz)	LNA	/	/	04/16/2020	04/15/2021
29	Pre-Amplifier(30MHz~18GHz)	LNA	/	/	04/15/2021	04/14/2022
30	Amplifier(18~40GHz)	COM-POWER	PAM-840A	461332	10/23/2020	10/22/2021
31	Low Pass Filter	MICRO-TRONICS	VLFX-950	RV142900829	N.C.R	N.C.R
32	High Pass Filter	Mini-Circuits	VHF-1200	15542	N.C.R	N.C.R
33	Filter (5450MHz~5770 MHz)	MICRO-TRONICS	BRC50704-01	2	N.C.R	N.C.R
34	Filter (5690 MHz~5930 MHz)	MICRO-TRONICS	BRC50705-01	4	N.C.R	N.C.R
35	Filter (5150 MHz~5350 MHz)	MICRO-TRONICS	BRC50703-01	2	N.C.R	N.C.R
36	Filter (885 MHz~915 MHz)	MICRO-TRONICS	BRM14698	1	N.C.R	N.C.R
37	Filter (815 MHz~860 MHz)	MICRO-TRONICS	BRM14697	1	N.C.R	N.C.R
38	Filter (1745 MHz \sim 1910 MHz)	MICRO-TRONICS	BRM14700	1	N.C.R	N.C.R
39	Filter (1922 MHz~1977 MHz)	MICRO-TRONICS	BRM50715	1	N.C.R	N.C.R
40	Filter (2550 MHz)	MICRO-TRONICS	HPM13362	5	N.C.R	N.C.R
41	Filter (1532 MHz~1845 MHz)	MICRO-TRONICS	BRM50713	1	N.C.R	N.C.R
42	Filter (2.4GHz)	MICRO-TRONICS	BRM50701	5	N.C.R	N.C.R
43	RE test cable	/	RE01-RE04	/	04/16/2020	04/15/2021
44	RE test cable	/	RE01-RE04	/	04/15/2021	04/14/2022
45	Test Software	Farad	EZ-EMC	CCS-03A1	N.C.R	N.C.R



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CN_Doccheck@sgs.com (86-21)61915666 (186-21)61915678 www.sosoroup.com.cn

NO.588 West	ndu Road, Songjiang District,	Shanghai,China 201612
中国・上海	松江区金都西路588号	邮编: 201612





Report No.: SHEM210300254101 Page: 10 of 63

6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203 & 15.247(b)(4)

6.1.2 Conclusion

Standard 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.

15.247(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:

The Antenna 1 & Antenna 2 is Dipole antenna, no consideration of replacement. The best case gain of the antenna is Antenna 1& Antenna2: 3dBi.

Antenna location: Refer to Appendix(external photo)



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company, any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@egs.com

NO.588 West Jindu Road, Songjiang District, Shanghai, China	201612
中国・上海・松江区金都西路588号 邮编:	201612



Report No.: SHEM210300254101 Page: 11 of 63

7 Radio Spectrum Matter Test Results

7.1 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:	

	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.					



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document only and within the limits of transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jin	ndu Road, Songjiang District, Shanghai, Chi	ina 201612
中国・上海・	松江区金都西路588号 邮经	编: 201612

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

Member of the SGS Group (SGS SA)

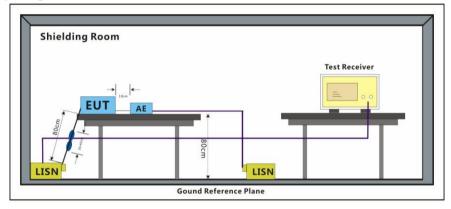


Report No.: SHEM210300254101 Page: 12 of 63

7.1.1 E.U.T. Operation

Operating Enviro	onment:				
Temperature:	24 °C	Humidity:	48	% RH	Atmospheric Pressure: 1010 mbar
Test mode	types. All da data rate @ worst case o	ta rates for eac 1Mbps is the w f IEEE 802.11c	h mo orst (g; dat	dulation ty case of IE a rate @ 6	transmitting mode with all modulation ype have been tested and found the EE 802.11b; data rate @ 6Mbps is the 6.5Mbps is the worst case of IEEE se is recorded in the report.

7.1.2 Test Setup Diagram



7.1.3 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/50 μ H + 50hm 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 exceeded.

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

中国・上海・松江区金都



174 E / A	Unless otherwise agreed in writing, this document is issued by the Co overleaf, available on request or accessible at http://www.sgs.com/en/Ter subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Ter Attention is drawn to the limitation of liability, indemnification and jurisd advised that information contained hereon reflects the Company's findin Client's instructions, if any. The Company's sole responsibility is to its transaction from exercising all their rights and obligations under the tra- except in full, without prior written approval of the Company. Any unau appearance of this document is unlawful and offenders may be prosecute results shown in this test report refer only to the sample(s) tested and such	mis-anid-Conditions.aspx and, for electronic format documents, tsgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. ction issues defined therein. Any holder of this document is gs at the time of its intervention only and within the limits of Client and this document does not exonerate parties to a insaction documents. This document cannot be reproduced thorized alteration, forgery or falsification of the content or d to the fullest extent of the law. Unless otherwise stated the sample(s) are retained for 30 days only.
	Attention: To check the authenticity of testing /inspection report & ce or email: CN.Doccheck@sgs.com	rtificate, please contact us at telephone: (86-755) 8307 1443,
ghai) Co., Lto	NO.588 West Jindu Road, Songjiang District, Shanghai, China 201612	t(86-21) 61915666 f(86-21) 61915678 www.sgsgroup.com.cn

西路588号	邮编: 201612	t(86-21) 61915666 f(86-21) 61915678 e sgs.china@sgs	com



Mode:a; Line:Live Line

Report No.: SHEM210300254101 Page: 13 of 63

No.	Frequency	QuasiPeak	Average	Correction	QuasiPeak	Average	QuasiPeak	Average	QuasiPeak	Average	Remark
		reading	reading	factor	result	result	limit	limit	margin	margin	
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1	0.1511	28.73	10.46	19.46	48.19	29.92	65.94	55.94	-17.75	-26.02	Pass
2	0.2180	23.00	9.88	19.46	42.46	29.34	62.89	52.89	-20.43	-23.55	Pass
3*	0.3451	27.25	17.85	19.48	46.73	37.33	59.08	49.08	-12.35	-11.75	Pass
4	1.0337	8.68	2.31	19.55	28.23	21.86	56.00	46.00	-27.77	-24.14	Pass
5	2.0279	5.36	-0.90	19.60	24.96	18.70	56.00	46.00	-31.04	-27.30	Pass
6	23.1287	17.64	11.78	20.32	37.96	32.10	60.00	50.00	-22.04	-17.90	Pass



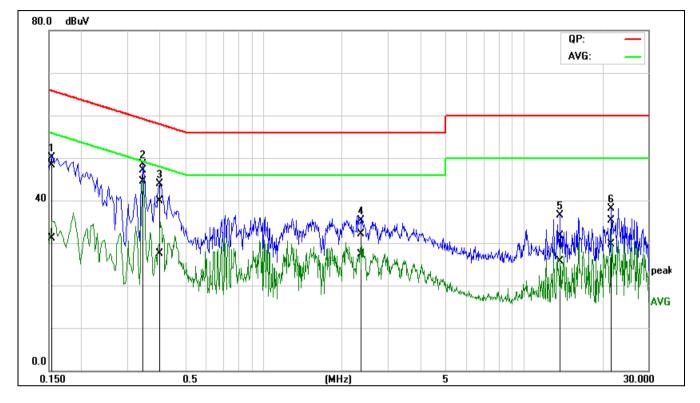
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ags.com (10 N.S88 West, Jindu Rad Songiano District Shannhai China. 201612 (186-21)61915686 (186-21)61915678 www.sosgroup.com.cn

NO.588 West Jindu Road, Songjiang District, Shanghai, C	hina	201612
中国・上海・松江区金都西路588号 邮	3编:	201612



Report No.: SHEM210300254101 Page: 14 of 63

Mode:a; Line:Neutral Line



No.	Frequency	QuasiPeak	Average	Correction	QuasiPeak	Average	QuasiPeak	Average	QuasiPeak	Average	Remark
		reading	reading	factor	result	result	limit	limit	margin	margin	
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1	0.1500	28.81	11.59	19.42	48.23	31.01	66.00	56.00	-17.77	-24.99	Pass
2*	0.3447	27.60	25.10	19.46	47.06	44.56	59.09	49.09	-12.03	-4.53	Pass
3	0.3941	20.52	8.08	19.48	40.00	27.56	57.98	47.98	-17.98	-20.42	Pass
4	2.3453	12.55	7.68	19.59	32.14	27.27	56.00	46.00	-23.86	-18.73	Pass
5	13.7839	11.66	5.56	20.09	31.75	25.65	60.00	50.00	-28.25	-24.35	Pass
6	21.6634	15.01	9.49	20.28	35.29	29.77	60.00	50.00	-24.71	-20.23	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@sgs.com (86-21)61915666 fi86-21)61915678 www.sgsqroup.com.cn

NO.588 West Jindu Road, Songjiang District, Shanghai, China	201612
中国・上海・松江区金都西路588号 邮编:	201612



Report No.: SHEM210300254101 Page: 15 of 63

7.2 Minimum 6dB Bandwidth

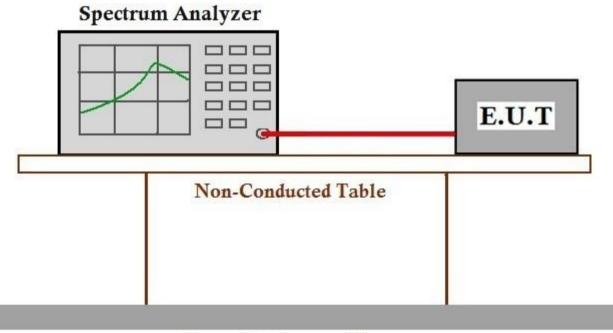
Test Requirement	47 CFR Part 15, Subpart C 15.247a(2)
Test Method:	ANSI C63.10 (2013) Section 11.8.1
Limit:	≥500 kHz

7.2.1 E.U.T. Operation

Operating Environment:

Temperature:24 °CHumidity:49 % RHAtmospheric Pressure:1005 mbarTest modea:TX mode_Keep the EUT in continuously transmitting mode with all modulation
types. All data rates for each modulation type have been tested and found the
data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the
worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE
802.11n(HT20);. Only the data of worst case is recorded in the report.

7.2.2 Test Setup Diagram



Ground Reference Plane

7.2.3 Measurement Procedure and Data

The detailed test data see: Appendix A for SHEM210300254101



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</u>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document is encent of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ess.com

NO.588 West Jin	du Road, Songjiang District, Shar	nghai,China	201612
中国・上海・	松江区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 16 of 63

7.3 Conducted Peak Output Power

Test Requirement47 CFR Part 15, Subpart C 15.247(b)(3)Test Method:ANSI C63.10 (2013) Section 11.9.1Limit:Limit:

Frequency range(MHz)	Output power of the intentional radiator(watt)
	1 for ≥50 hopping channels
902-928	0.25 for 25≤ hopping channels <50
	1 for digital modulation
	1 for ≥75 non-overlapping hopping channels
2400-2483.5	0.125 for all other frequency hopping systems
	1 for digital modulation
5725-5850	1 for frequency hopping systems and digital modulation



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-enDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document is entered parties to a transaction from exercising all their rights and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esgs.com

NO.588 West J	indu Road, Songjiang District, Sha	nghai,China	201612
中国・上海・	·松江区金都西路588号	邮编:	201612

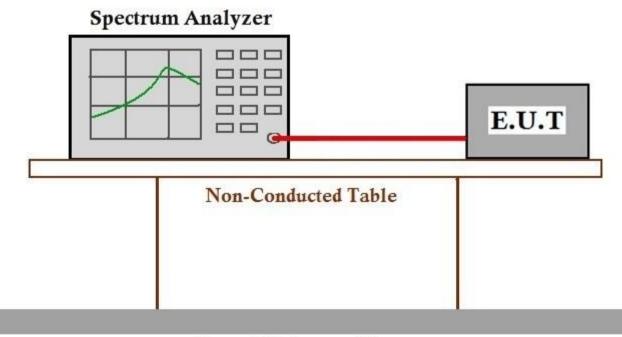


Report No.: SHEM210300254101 Page: 17 of 63

7.3.1 E.U.T. Operation

Operating Enviro	onment:	
Temperature:	25 °C Humidity: 49 % RH Atmospheric Pressure: 1006 mb	ar
Test mode	a:TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20);. Only the data of worst case is recorded in the report.	

7.3.2 Test Setup Diagram



Ground Reference Plane

7.3.3 Measurement Procedure and Data

The detailed test data see: Appendix A for SHEM210300254101



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior writen approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esg.com

NO.588 West Jin	du Road, Songjiang District, Sha	nghai,China	201612
中国・上海・	松江区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 18 of 63

7.4 Power Spectrum Density

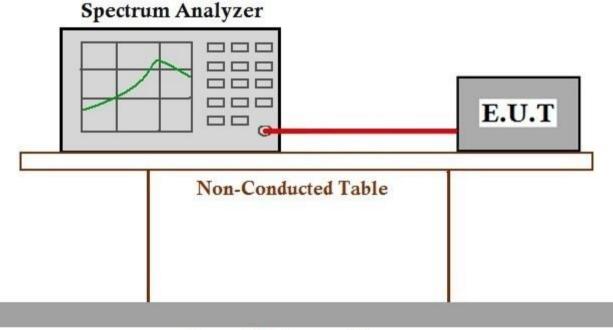
Test Requirement	47 CFR Part 15, Subpart C 15.247(e)
Test Method:	ANSI C63.10 (2013) Section 11.10.2
Limit:	\leq 8dBm in any 3 kHz band during any time interval of continuous transmission

7.4.1 E.U.T. Operation

Operating Environment:

Temperature:25 °CHumidity:49 % RHAtmospheric Pressure:1007 mbarTest modea:TX mode_Keep the EUT in continuously transmitting mode with all modulation
types. All data rates for each modulation type have been tested and found the
data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the
worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE
802.11n(HT20);. Only the data of worst case is recorded in the report.

7.4.2 Test Setup Diagram



Ground Reference Plane

7.4.3 Measurement Procedure and Data

The detailed test data see: Appendix A for SHEM210300254101



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Ji	ndu Road, Songjiang District, Sha	nghai,China	201612	
中国・上海・	松江区金都西路588号	邮编:	201612	



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

Report No.: SHEM210300254101 Page: 19 of 63

7.5 Conducted Band Edges Measurement

47 CFR Part 15, Subpart C 15.247(d) **Test Requirement** Test Method: ANSI C63.10 (2013) Section 11.13.3.2 Limit: In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the 3av only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esg.com

NO.588 West Jindu Road, Song	jiang District, Shanghai, Chin	a 201612
中国・上海・松江区金都	西路588号 邮编	: 201612

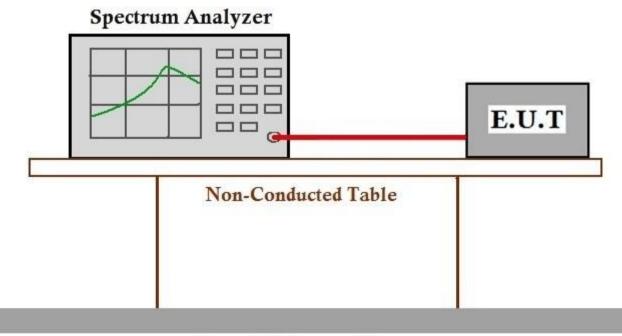


Report No.: SHEM210300254101 Page: 20 of 63

7.5.1 E.U.T. Operation

Operating Enviro	onment:
Temperature:	24 °C Humidity: 50 % RH Atmospheric Pressure: 1006 mbar
Test mode	a:TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20);. Only the data of worst case is recorded in the report.

7.5.2 Test Setup Diagram



Ground Reference Plane

7.5.3 Measurement Procedure and Data

The detailed test data see: Appendix A for SHEM210300254101



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document only and within the limits of except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the Jaw. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ess.com

NO.588 West Jindu Road, Songjiang District, Shanghai, China	201612
中国・上海・松江区金都西路588号 邮编:	201612



Report No.: SHEM210300254101 Page: 21 of 63

7.6 Conducted Spurious Emissions

Test Requirement	47 CFR Part 15, Subpart C 15.247(d)
Test Method:	ANSI C63.10 (2013) Section 11.11
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ags.com

NO.588 Wes	Jir	ndu Road, Songjiang District,	Shanghai, China	201612
中国・上海	•	松江区金都西路588号	邮编:	201612

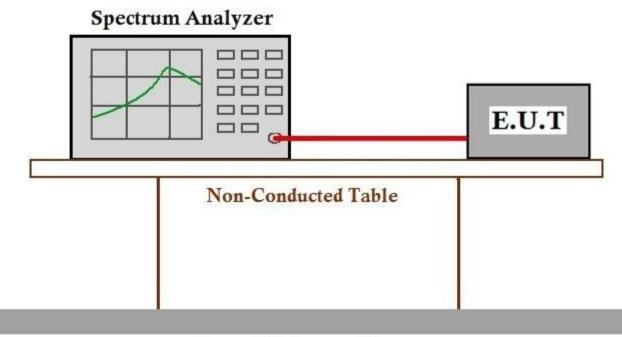


Report No.: SHEM210300254101 Page: 22 of 63

7.6.1 E.U.T. Operation

Operating Enviro	onment:	
Temperature:	24 °C Humidity: 50 % RH Atmospheric Pressure: 1006 m	nbar
Test mode	a:TX mode_Keep the EUT in continuously transmitting mode with all modulatio types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is th worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20);. Only the data of worst case is recorded in the report.	

7.6.2 Test Setup Diagram



Ground Reference Plane

7.6.3 Measurement Procedure and Data

The detailed test data see: Appendix A for SHEM210300254101



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document only and within the limits of except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the Jaw. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ess.com

NO.588 West Jindu Road, Songjiang District, Shanghai, China	201612
中国・上海・松江区金都西路588号 邮编:	201612



Report No.: SHEM210300254101 Page: 23 of 63

7.7 Radiated Emissions which fall in the restricted bands

 Test Requirement
 47 CFR Part 15, Subpart C 15.209 & 15.247(d)

 Test Method:
 ANSI C63.10 (2013) Section 6.10.5

 Limit:
 Ansi C63.10 (2013) Section 6.10.5

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jir	ndu Road, Songjiang District, Shar	nghai,China	201612
中国・上海・	松江区金都西路588号	邮编:	201612

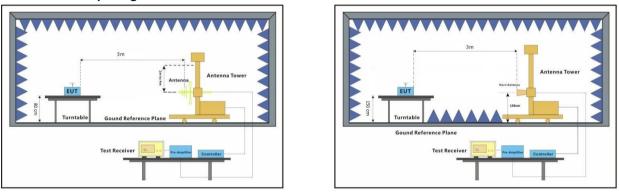


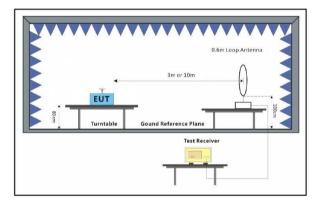
Report No.: SHEM210300254101 Page: 24 of 63

7.7.1 E.U.T. Operation

Operating Enviro	onment:	
Temperature:	24 °C Humidity: 50 % RH Atmospheric Pressure: 1005 mb	bar
Test mode	a:TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20);. Only the data of worst case is recorded in the report.	

7.7.2 Test Setup Diagram







Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

NO.588 West Jin	ndu Road, Songjiang District, Sha	anghai,China	201612
中国・上海・	松江区金都西路588号	邮编:	201612

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



Report No.: SHEM210300254101 Page: 25 of 63

7.7.3 Measurement Procedure and Data

a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

d. 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.

e. 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.

f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

g. 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.

h. Test the EUT in the lowest channel, the middle channel, the Highest channel.

i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

j. Repeat above procedures until all frequencies measured was complete.

Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

Remark 3: This test item was investigated while operating in SISO and MIMO mode, however, it was determined that SISO antenna 1 operation for b/g modulation and MIMO antenna operation for n modulation produced the worst emissions. So the emissions produced from other operation are not recorded in report.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755)8307 1443, or email: CN.Doccheck@esg.com

NO.588 West	Jindu Road, Songjiang District, S	hanghai,China 201612	
中国・上海	·松江区金都西路588号	邮编: 201612	



Report No.: SHEM210300254101 Page: 26 of 63

		.0 dBu													3			Limi Limi		
														ļ		1				
		-	_											/	_	Ì				+
	60											,	لمتبر				have			
		in treation	~~~~~	alantarka sayakt	·	contra an tra Ch	e-men selecte	and a state of the state		peky n		********						-viewy	-6.0.000 - 000 - 000	
		<u> </u>																		-
		-																		+
	0.0	,																		1
	2	310.000	2324	1.00 233	8.00	235	2.00	235	6.00	238	0.00	239	1.00	2408	.0 0	242	2.00		2450.0	0 MHz
۱o.	F	requer (MHz		Readin (dBuV		Correc factor(d			esult BuV/m		Lim (dBu\		Mar (di				F	Rema	rk	
		2318.5		56.44	_	-4.4			2.01		74.(<u> </u>	.99	\top			peak	(
2		2390.0	00	54.08		-4.2	4	4	9.84		74.()0	-24	.16				peak	(
}		2410.8	00	105.83	3	-4.1	9	1	01.64		74.(00	27	.64				peak	(

Mode:a; Polarization:Horizontal; Modulation:b; bandwidth:20MHz; Channel:Low



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document only and within the limits of transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Ji	ndu Road, Songjiang District, Sha	nghai,China	201612
中国・上海・	松江区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 27 of 63

1	20.	0 dBu∀/m																
																Limi Limi		
													*	5				1
												1		1				
												/		``````````````````````````````````				-
												[]		1				7
	60														1			
		an provinsi ka a	a data waa yahaa waxaya	an en	and some part	. and		rkan-	energia de la	and the second	And				- And Maga-	Seal Marce	- and the second second	an i
						_							+					-
													\downarrow					_
													T					1
	0.0 2	10.000 2324		3 00 235	2.00	235	6.00	238	0.00	239	1.00	210		D 242	2.00		2450.0	
	-				2.00	200	0.00		0.00	200		2.10			2.00		E 100.0	
No.	F	requency	Reading (dBuV)				Result		Lim		Maı (di	rgin			R	lema	rk	
1		(MHz) 2363.900	(dBuV) 54.81	factor(<u>3uV/m)</u> 50.50	+	dBuV 74.0		· · ·	D) 1.50	+			peak	:	
2		2390.000	54.26	-4.1			50.02	+	74.0			.98	+			peak		
3		2410.940	102.45	-4.1	19	9	8.26	+	74.0	0	24	.26	+			peak		

Mode:a; Polarization:Vertical; Modulation:b; bandwidth:20MHz; Channel:Low



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document only and within the limits of transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Road, Son	ngjiang District, Shanghai, C	hina	201612
中国・上海・松江区金都	8西路588号 由	『编:	201612



Report No.: SHEM210300254101 Page: 28 of 63

1	20.0 dBu∀/m										
	1 Alexandre	4							Limi Limi		
	1										
	1										
	60	in.									
	60	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	- 4								
		p	Service and the service	the charaters day	Mar alay	m. training	Protocondicate whe	water the second se	N MARTIN MARTIN PAR	alle-sector and	
	0.0										
	2150.000 215	5.00 2480.	.00 2495.0	10 2510.0	0 2525.1	00 2540	0.00 2555	5.00 257	0.00	2500.00	MHz
No.	Frequency	Reading	Correctio			Limit	Margin		Rema	rk	
4	(MHz)	(dBuV)	factor(dB			BuV/m)	(dB)		n e - l		
1	2463.500	112.16	-4.05	108		74.00	34.11		peak		
2	2483.500	54.26	-4.00	50.3		74.00	-23.74		peak		
3	2492.000	56.38	-3.98	52.4	40	74.00	-21.60		peak		
4	2500.000	53.55	-3.96	49.	59	74.00	-24.41		peak		

Mode:a; Polarization:Horizontal; Modulation:b; bandwidth:20MHz; Channel:High



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document. Sone excerpt in full, without prior written approval of the Company, any unauthorized alteration, forgery or falsification of the content or appearance of this destruction at offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results hown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Road, Songjiang District, Shang	hai,China	201612	
中国・上海・松江区金都西路588号	邮编:	201612	



Report No.: SHEM210300254101 Page: 29 of 63

1	20.	0 dBuY	/m											
		į	Į.									Lim Lim		
]												
		;												
	60	j		1		_								
				- Winn	<u> </u>		al the second		nhuman w	na an	Jan Martin	y Maria M	ant, manual and	
			$\left \right $											
			\square			_								
			$\left \right $											
	0.0													
	2'	150.0002	165	5.00 2480	.00 24	195.00	251	0.00 2	525.00 254	0.00 2555	00 257	0.00	2500.00	MHZ
No.	F	requenc (MHz)	у	Reading (dBuV)	Corr facto	ectior r(dB/r		Result BuV/m)	Limit (dBuV/m)	Margin (dB)		Rema	ark	
1	:	2461.850	0	107.75		1.06		03.69	74.00	29.69		peal	k	
2	1	2483.500	0	53.01	-4	1.00	4	19.01	74.00	-24.99		peal	k	
3		2491.10		54.68		3.98		50.70	74.00	-23.30		peal	k	
4	1	2500.000	0	52.75	-3	3.96	4	18.79	74.00	-25.21		peal	k	

Mode:a; Polarization:Vertical; Modulation:b; bandwidth:20MHz; Channel:High



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document only and within the limits of transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Road, Songjiang District, Shanghai, China	201612
中国・上海・松江区金都西路588号 邮编:	201612



Report No.: SHEM210300254101 Page: 30 of 63

1	I20.0 d⊟u∀	/m														
													3		nitl: — nit2: —	
											1					
														<u> </u>		-
											a Ma			Ň		1
	60									24.6	r, m			14		
	an a	ware and	nest of rotan	and real dates		arried at		iter and a		- <u>A</u>		+		<u>₩</u> ,	and the second second second second second	1
																1
												+				+
		_										_				+
					_							_				4
	0.0															
	2310.0002	324.00	0 233	B.00 23	352.00	235	6.00	238	0.00	239	1.00 (2408.	00 242	2.00	2450.00	MHz
No.	Frequenc	y I	Reading		ection		esult	T	Lim		Marg	in		Rem	ark	
4	(MHz)		(dBuV)		(dB/m)		BuV/m	4	(dBuV		(dB					
1	2387.14		57.03		.25		2.78	+	74.0		-21.2		peak			
2	2390.00		54.62		.24		0.38	\perp	74.0		-23.0		peak			
3	2410.94	0	109.12	-4	.19	10	04.93		74.0	0	30.9	3	peak			

Mode:a; Polarization:Horizontal; Modulation:g; bandwidth:20MHz; Channel:Low



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document. Sone excerpt in full, without prior written approval of the Company, any unauthorized alteration, forgery or falsification of the content or appearance of this destruction at offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results hown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Ro	oad, Songjiang District, Shan	ghai,China	201612
中国・上海・松江	区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 31 of 63

1	20.	0 dBu∀/m													
												3	Lim	nit1: — nit2: —	
											5	- Aller			
													h		
	60									المرجب ا			l M		
	00					1 . X			. 2. 1	, Il			1		
		lay an other deal to all the state of the st	Manageney's area	ale and the second s			and the second	happellang, quiper					500	- Arity of the state of the sta	
								_							
	0.0														
	23	810.0002324	1.00 233	8.00 23	52.00	235	i6.00 i	2380.00	239	1.00	2408	0 0 24 2	2.00	2450.00	MHz
No.	F	requency (MHz)	Reading (dBuV)				Result BuV/m)	Lin (dBu)			rgin B)		Rema	ark	
1	1	2364.460	56.26	-4.			51.95	74.			2.05	1	peak		
2	1	2390.000	54.92	-4.	24	Ę	50.68	74.	00	-23	3.32		peak		
3	1	2410.520	105.75	-4.	19	1	01.56	74.	00	27	.56		peak		

Mode:a; Polarization:Vertical; Modulation:g; bandwidth:20MHz; Channel:Low

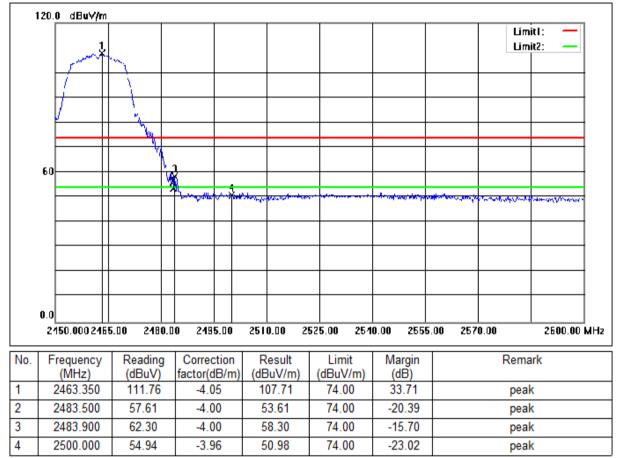


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document. Sone excerpt in full, without prior written approval of the Company, any unauthorized alteration, forgery or falsification of the content or appearance of this destruction at offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results hown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Road, Songjiang District, Shar	nghai,China	201612	
中国・上海・松江区金都西路588号	邮编:	201612	



Report No.: SHEM210300254101 Page: 32 of 63



Mode:a; Polarization:Horizontal; Modulation:g; bandwidth:20MHz; Channel:High



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ags.com

NO.588 West Jindu Road, Songjiang District, Shangl	hai,China	201612
中国・上海・松江区金都西路588号	邮编:	201612



 Report No.:
 SHEM210300254101

 Page:
 33 of 63

1	120 .1	0 dBuv	γm.											
												Lim		
		~~~	<u>۶</u>	~										
		1												
		/		<del>i</del> t										
	60				×.3									
					~ <u>*</u>	*								-
	0.0													
	2'	150.0002	2465	5.00 2480.	.00 249	5.00	2510.	00 2	525.00 254	10.00 2555	5.00 257	0.00	2500.00	MHz
No.	F	requenc (MHz)	у	Reading (dBuV)	Correct factor(c			sult V/m)	Limit (dBuV/m)	Margin (dB)		Rema	ark	
1	1	2460.80	0	101.93	-4.0			.87	54.00	43.87		AVG		
2	1	2483.50	0	54.36	-4.0	)0	50.	.36	54.00	-3.64	AVG		3	
3	1	2486.60	0	50.91	-3.9	9	46.	.92	54.00	-7.08	AVG		3	
4	1	2500.00	0	46.95	-3.9	)6	42.	.99	54.00	-11.01	AVG		3	

Mode:a; Polarization:Horizontal; Modulation:g; bandwidth:20MHz; Channel:High



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document only and within the limits of transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Road, Songjiang District, Shanghai, Chi	na	201612
中国・上海・松江区金都西路588号 邮約	肩:	201612



Report No.: SHEM210300254101 Page: 34 of 63

1	60-	dBuV/m	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2.) ********					de de la della de	u she shire (in sering	Lim		
		50.000 2465				2510.			0.00 255	5.00 257	0.00	2500.00	MHz
No.		equency (MHz)	Reading (dBuV)	factor(d	B/m)	(dBu	sult V/m)	Limit (dBuV/m)	Margin (dB)		Remark		
1		461.550	107.77	-4.0	6		3.71	74.00	29.71		peak		
2	2	483.500	56.72	-4.0	0	52	.72	74.00	-21.28	peak			
3	2	485.400	57.42	-4.0	0	53	.42	74.00	-20.58		peak		
4	2	500.000	53.80	-3.9	6	49	.84	74.00	-24.16	peak			

Mode:a; Polarization:Vertical; Modulation:g; bandwidth:20MHz; Channel:High



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document only and within the limits of transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Road, Songjiang District, Shang	hai,China	201612	
中国・上海・松江区金都西路588号	邮编:	201612	



Report No.: SHEM210300254101 Page: 35 of 63

1	<b>120</b> .	0 dBu∀/m															
																nit1: — nit2: —	
												1		Ĩ			
												$\square$					
	60										and the second				Mary		
				-			<b>.</b>	A	a chat	- Gwr					. My	Navina na na	
		Indy Andrea A	i Churcherth II Church ann a' Church														
	0.0																
	23	310.0002324	1.00 2338	3.00 239	i2.00	235	6.00	238	0.00	239	1.00	2408	3.00	242	2.00	2150.00	MHz
No.	F	requency	Reading				lesult	T	Lim		Ma	rgin			Rem	ark	
1		(MHz) 2365.720	(dBuV) 56.89	factor(			3uV/m) 52.58	+	dBuV 74.0			B) 1.42	peak				
2		2390.000	60.16	-4.			5.92	_	74.0			3.08					
								+					peak				
3		2411.640	107.50	-4.	19	1	03.31		74.0	0	29	.31	peak		K		

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the 30x only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ags.com

NO.588 West Jindu Road, Son	ngjiang District, Shanghai, C	hina	201612
中国・上海・松江区金都	8西路588号 由	『编:	201612



Report No.: SHEM210300254101 Page: 36 of 63

1	20.	0 dBu∀/m																
															Lim Lim			
																		1
												Nerse	<u>}</u>					-
	60											İ						]
												$\vdash$						_
										2 -	and the				Sun	·		
						~~~			Å	~							e constant de la c	
	0.0																	
	23	110.0002324	1.00 2338	B.00 235	2.00	235	6.00	238	0.00	239	1.00	2408	.0 0	242	2.00		2450.00) MHz
No.	Frequency (MHz)		Reading (dBuV)		Correction factor(dB/m)		Result (dBuV/m)		Limit (dBuV/m)		Margin (dB)			Remark				
1	2386.300		43.30		-4.25		39.05		54.00		-14.95		AVG					
2	2390.000		43.97	-4.3	-4.24		39.73		54.00		-14.27			AVG				
3	2410.380		85.11	-4.	-4.19		80.92		54.00		26.92			AVG				

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document. Sone excerpt in full, without prior written approval of the Company, any unauthorized alteration, forgery or falsification of the content or appearance of this destruction at offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results hown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Roa	d,Songjiang District,Sha	nghai,China	201612
中国・上海・松江区	全都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 37 of 63

1	120.	0 dBu∀/m											
											3	Lim Lim	
										~			
										1			
									- (
	60								All all			When the	
		fan ser fan ser fan se	*****	eren an	profestiopentry		an a	×					the second days and
								-					
	0.0												
		310.0002324	1.00 2338	.00 2352	2.00 23	66.00 2	380.00	239	1.00	2108.	00 212	2.00	2150.00 MHz
No.	F	requency (MHz)	Reading (dBuV)	Correct factor(d		Result (BuV/m)	Limi (dBuV		Mar (dE	gin 3)		Rema	ark
1		2388.680	55.33	-4.2		51.08	74.0		-22			peal	k
2	1	2390.000	53.59	-4.2	4	49.35	74.0	0	-24	.65		pea	k
3		2411.780	105.30	-4.1	9	101.11	74.0	0	27.	11		peal	k

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document. Sone excerpt in full, without prior written approval of the Company, any unauthorized alteration, forgery or falsification of the content or appearance of this destruction at offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results hown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Road, Songjiang District, Shangh	ai,China	201612
中国・上海・松江区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 38 of 63

1	20.0	d ⊟u∀/ m 1									Lim		
	ļ	1 martine	- T										
			1										
	ľ		YA W										
	60-			123 									
	ŀ			11/14, a	of dates	hours	and the second second	Acrost to the Sound as	ar lade when manually	na wa wanazini		- Commenter wer	
	⊦												-
	-												
	0.0												
	- L	50.000 2465	5.00 2480	0.00 249	5.00	251	0.00 2	525.00 254	10.00 2 55	5.00 257	0.00	2500.00	l MHz
No.	Fr	equency	Reading	Correc	tion	D	esult	Limit	Margin		Rema	ark	
NU.		(MHz)	(dBuV)				esuit BuV/m)	(dBuV/m)	(dB)		Reina		
1	2	463.500	107.05	-4.(1	03.00	74.00	29.00		pea	k	
2	2	483.500	59.03	-4.(00	5	5.03	74.00	-18.97		pea	k	
3	2	485.550	58.23	-4.(00	5	4.23	74.00	-19.77		pea	k	
4	2	500.000	54.94	-3.9)6	5	0.98	74.00	-23.02		pea	k	

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the 3aw only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@egs.com

NO.588 West	t Jindu Road, Songjiang District, Shanghai, China	201612
中国・上海	・松江区金都西路588号 邮编:2	201612



Report No.: SHEM210300254101 Page: 39 of 63

1	20.0 60-) , (1) , (1)) , (1) , (1)) , (1) , (1)) , (1))) , (1))) , (1))) , (1))))))))))))))))))))))))))))))))))))		100000000 		3												
	0.0 24	150.0002	2465	5.00 248	0.01	D 219	5.00	251	0.00 2	525	5.00 251	0.00 255	5.00	257	0.00		2500.00	MHz
No.	F	requenc (MHz)	зy	Reading (dBuV)		Correc factor(d			esult JuV/m)	(0	Limit dBuV/m)	Margin (dB)			R	emar	k	
1	2	2460.95	0	85.17		-4.0			1.11	Г	54.00	27.11				AVG		
2	2	2483.50	0	45.12		-4.0	0	4	1.12		54.00	-12.88				AVG		
3	2	2485.85	0	43.61		-4.0	0	3	9.61		54.00	-14.39				AVG		
4	2	2500.00	0	42.13		-3.9	6	3	8.17		54.00	-15.83				AVG		

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document only and within the limits of transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Road, Songjiang District, Shang	ghai,China	201612	
中国・上海・松江区金都西路588号	邮编:	201612	



Report No.: SHEM210300254101 Page: 40 of 63

1	20.0	0 dBu∀/m												
		1											imitl: — imit2: —	
		/*	And I											
	60													
	60		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	V XX	l Alfreesondy	4 *****	des als	e de configué antique	har a designed and the second	Rechard	Worthers Area	and the second	ndergebran (specific)ens	
	0.0													
	24	50.000 246	5.00 2480).00	249	5.00	251	0.00 2	525.00 25	10.00 258	55.00	2570.00	2500.00	MHz
No.	F	requency (MHz)	Reading (dBuV)		Corrector(c			lesult BuV/m)	Limit (dBuV/m)	Margin (dB)		Rer	nark	
1	2	2463.350	104.88		-4.0			00.83	74.00	26.83		pe	ak	
2		2483.500	56.46		-4.(00	5	52.46	74.00	-21.54		pe	ak	
3	2	2486.000	56.46		-4.0	00	5	52.46	74.00	-21.54		pe	ak	
4	2	2500.000	53.99		-3.9	96	5	50.03	74.00	-23.97		pe	ak	

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ags.com

NO.588 West Jindu Road, Songjiang District, Shangl	nai,China	201612
中国・上海・松江区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 41 of 63

7.8 Radiated Spurious Emissions

 Test Requirement
 47 CFR Part 15, Subpart C 15.209 & 15.247(d)

 Test Method:
 ANSI C63.10 (2013) Section 6.4,6.5,6.6

 Limit:
 Ansi C63.10 (2013) Section 6.4,6.5,6.6

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Road, Songjiang District, Shanghai, China	201612
中国・上海・松江区金都西路588号 邮编:	201612

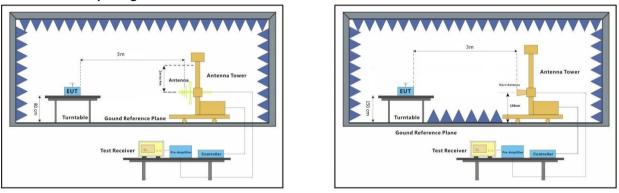


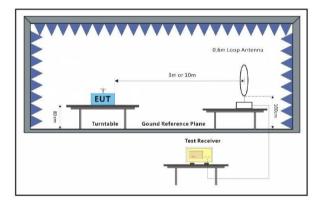
Report No.: SHEM210300254101 Page: 42 of 63

7.8.1 E.U.T. Operation

Operating Enviro	nment:				
Temperature:	24 °C H	lumidity: 50	% RH	Atmospheric Pressure:	1007 mbar
Test mode	types. All data rate data rate @ 1Mbp worst case of IEE	es for each mo os is the worst E 802.11g; dat	odulation typ case of IEE ta rate @ 6	transmitting mode with all r pe have been tested and for E 802.11b; data rate @ 61 .5Mbps is the worst case of se is recorded in the report.	ound the Mbps is the of IEEE

7.8.2 Test Setup Diagram







Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemrification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, lease contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@sgs.com

NO.588	8 West	Jir	ndu Road, Songjiang District, Sha	anghai,China	201612
中国・	上海	•	松江区金都西路588号	邮编:	201612

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



Report No.: SHEM210300254101 Page: 43 of 63

7.8.3 Measurement Procedure and Data

a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

d. 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.

e. 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.

f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

g. 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.

h. Test the EUT in the lowest channel, the middle channel, the Highest channel.

i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

j. Repeat above procedures until all frequencies measured was complete.

Remark:

1) For emission below 1GHz, through pre-scan found the worst case is the lowest channel. Only the worst case is recorded in the report.

2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Antenna Factor + Cable Factor - Preamplifier Factor

3) Scan from 9kHz to 25GHz, the disturbance above 18GHz and below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

4) For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

5) This test item was investigated while operating in SISO and MIMO mode, however, it was determined that SISO antenna 1 operation for b/g modulation and MIMO antenna operation for n modulation produced the worst emissions. So the emissions produced from other operation are not recorded in report.



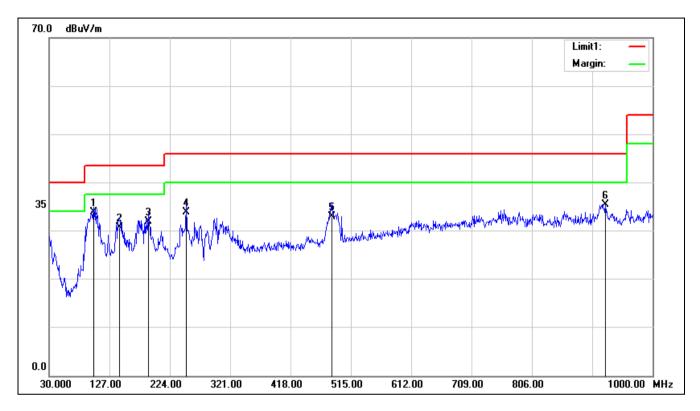
-	Unless otherwise agreed in writing, this document is issued by the Comp overleaf, available on request or accessible at http://www.sgs.com/en/Terms subject to Terms and Conditions for Electronic Documents at http://www.sgs Attention is drawn to the limitation of liability, indemnification and jurisdictic advised that information contained hereon reflects the Company's findings Client's instructions, if any. The Company's sole responsibility is to its Cl transaction from exercising all their rights and obligations under the trans except in full, without prior written approval of the Company. Any unautho appearance of this document is unlawful and offenders may be prosecuted to	<u>-and-Conditions.aspx</u> and, for electronic format documents, <u>js.com/en/Terms-and-Conditions/Terms-e-Document.aspx</u> , on issues defined therein. Any holder of this document is at the time of its intervention only and within the limits of lient and this document does not exonerate parties to a action documents. This document cannot be reproduced prized alteration, forgery or falsification of the content or	
	results shown in this test report refer only to the sample(s) tested and such sa Attention: To check the authenticity of testing /inspection report & certification and the same set of the s	mple(s) are retained for 30 days only.	
ai) Co., Lti	or email: <u>CN.Doccheck@sgs.com</u> NO.588 West Jindu Road,Songjiang District,Shanghai,China 201612	t(86-21) 61915666 f(86-21) 61915678 www.sgsgroup.com.cn	

10.000	west Ji	nuu Roau, Songjiang District	,onangnai,onina	201012	
中国・	上海・	松江区金都西路588号	邮编:	201612	



Report No.: SHEM210300254101 Page: 44 of 63

30MHz~1GHz Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	101.7800	15.33	18.57	33.90	43.50	-9.60	100	307	QP
2	142.5200	10.87	19.90	30.77	43.50	-12.73	100	328	QP
3	189.0800	14.89	17.10	31.99	43.50	-11.51	200	24	QP
4	250.1900	14.51	19.32	33.83	46.00	-12.17	200	42	QP
5	483.9600	8.03	24.94	32.97	46.00	-13.03	200	165	QP
6	924.3400	6.41	28.98	35.39	46.00	-10.61	100	208	QP



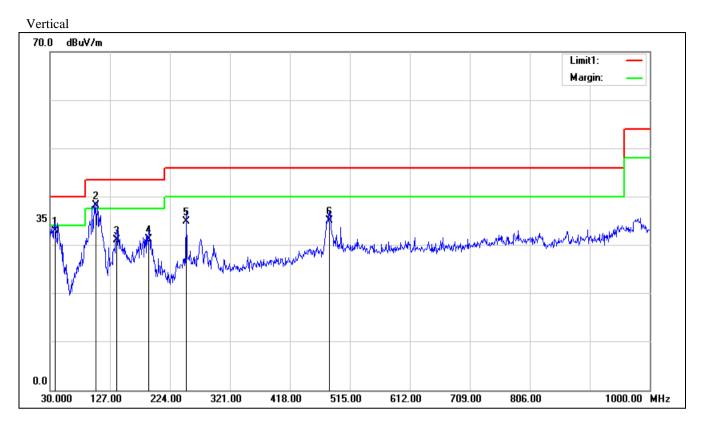
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@sgs.com (86-21)61915666 fi86-21)61915678 www.sgsqroup.com.cn

NO.588 West	Jindu Road, Songjiang District, Shar	nghai,China	201612
中国・上海	·松江区金都西路588号	邮编:	201612



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

Report No.: SHEM210300254101 Page: 45 of 63



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	38.7300	12.00	20.95	32.95	40.00	-7.05	100	206	QP
2	104.6900	19.53	18.66	38.19	43.50	-5.31	200	338	QP
3	137.6700	11.26	19.74	31.00	43.50	-12.50	100	12	QP
4	189.0800	14.16	17.10	31.26	43.50	-12.24	200	349	QP
5	250.1900	15.68	19.32	35.00	46.00	-11.00	100	193	QP
6	482.0200	10.12	24.91	35.03	46.00	-10.97	100	48	QP



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document to indawful and offenders may be prosecuted to the fullest extent of the las. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ags.com

NO.588 West Jindu Road, Songjiang District, Shanghai, China	201612
中国・上海・松江区金都西路588号 邮编	: 201612



Report No.: SHEM210300254101 Page: 46 of 63

Above 1GHz

|--|

1	00.0 d⊟u∀/m							
							Lin	nitl: —
							Lin	nit2: —
	50			2	9			
		2	k	X				
	0.0							
	1000.0002700	.00 1100.0	0 6100.00	7800.00 9	500.00 12	00.00 290	0.00 1600.00	18000.00MHz
No.	Frequency	Reading	Correction	Result	Limit	Margin	Rem	ark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)		
1	4824.000	57.80	-10.21	47.59	74.00	-26.41	pea	k
2	7236.000	55.60	-7.05	48.55	74.00	-25.45	pea	k
3	9648.000	54.89	-4.77	50.12	74.00	-23.88	pea	k



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fulliest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

NO.588 West Jindu Road, Songjiang District, Shan	ghai,China	201612	
中国・上海・松江区金都西路588号	邮编:	201612	



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

Report No.: SHEM210300254101 Page: 47 of 63

																	Lim Lim		_	
	50			1	{		2													
	0.0																			
	10	100.0002700	.00 110	0.0	0 6100	D.00	780	0.00	950(0.00	112	00.00	1290	0.00	146	00.00		IB	000.00	м⊦
0.	F	requency (MHz)	Reading (dBuV)		Correc factor(d			lesult BuV/m)	(Lim dBu\		Mar (df	gin 3)			F	Rema	ark		
	4	4824.000	57.49		-10.2			7.28		74.(-26					pea	k		
	Ĩ	7236.000	55.16		-7.0	5	4	8.11		74.(0	-25	.89				pea	k		
_	9	9648.000	54.18		-4.7	7	4	9.41		74.0	0	-24	59				pea	k		_

Mode:a; Polarization:Vertical; Modulation:b; bandwidth:20MHz; Channel:Low



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document only and within the limits of transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jir	ndu Road, Songjiang District, Shan	ghai,China	201612
中国・上海・	松江区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 48 of 63

		0 dBu∀/m													Limi Limi		_
	50			*		2			3								
	0.0 [100.000 2700	.00 1100	.00 610	0.00	780	0.00 9	500).0 0	12	00.00 12	900.00	146	500.00		18	000.00M
No.	F	requency (MHz)	Reading (dBuV)	Corre factor(lesult BuV/m)	6	Limit dBuV/n	n)	Margin (dB)			R	lema	rk	
1		4874.000	57.12	-10.			7.11		74.00		-26.89				peak	(
2		7311.000	56.27	-6.			9.34		74.00		-24.66				peak	(
3	9	9748.000	53.98	-4.3	30	- 4	9.68		74.00		-24.32				peak		

Mode:a; Polarization:Horizontal; Modulation:b; bandwidth:20MHz; Channel:middle



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document on exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Road, Songjiang District, Shanghai, Ch	ina	201612
中国・上海・松江区金都西路588号 邮	编:	201612



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

Report No.: SHEM210300254101 Page: 49 of 63

1	00.0) dBu∀/m																		ı
	50-																Lim Lim		Ξ	
	0.0 100 Fre (48																			
	50-																			
	EO						2			Ĵ	ļ									
	50			X			Î			1	1									
	ĺ																			
	0.0			1																
	10	00.0002700	.00 1100	.00	610(D.00	780	0.00	950(0.1	00 12	00.00	1290	0.00	146	00.00		18	000.00	MHz
No.	F	requency (MHz)	Reading (dBuV)	C	orrec	tion B/m)		lesult BuV/m)	6		Limit BuV/m)	Ma (d	rgin B)			F	Rema	ırk		
1	4	1874.000	57.00		-10.0			6.99			74.00		7.01				peal	¢		
2	7	7311.000	55.59		-6.9	3	4	8.66		Ì	74.00	-25	i.34				peal	¢		
3	9	748.000	54.63		-4.3	0	5	0.33		1	74.00	-23	8.67				peal	٢		

Mode:a; Polarization:Vertical; Modulation:b; bandwidth:20MHz; Channel:middle



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document. Sone excerpt in full, without prior written approval of the Company, any unauthorized alteration, forgery or falsification of the content or appearance of this destruction at offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results hown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Road, Songjiang District, Shangha	i,China	201612
中国・上海・松江区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 50 of 63

-) dBu∀/m															Lim Lim		_	
	Freque																			
	50-				ŕ – –		ê				ļ									
					Í		Î			1	`									
	0.0																			
	10	00.0002700).00 110	0.0	0 610	0.00	780	0.00	950(0.0	0 112	00.00	1290	0.00	146	00.00		IE	3 000.0 0	MI
).	Fi	equency (MHz)	Reading (dBuV)		Correct factor(d			Result BuV/m)	(₋imit 3uV/m)	Mar (df	gin 3)			F	Rema	ark		
	4	924.000	57.70		-9.8			7.88			4.00	-26					pea	k		_
	7	386.000	56.46		-6.8	0	4	9.66		7	4.00	-24	.34				pea	k		
	9	848.000	52.80		-3.8	4	4	8.96	+	7	4.00	-25	04				pea	k		_

Mode:a; Polarization:Horizontal; Modulation:b; bandwidth:20MHz; Channel:High



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document only and within the limits of transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Ji	ndu Road, Songjiang District, Sha	nghai,China	201612
中国・上海・	松江区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 51 of 63

		0 dBu∀/m														Lim Lim		_	
	50 50 0.0 1 000.000 270																		
	50			ţ		Ŷ			ì										
				Î		Ϊ													
						+			+										
						+		_	+			\rightarrow							
	11	000.000 2700).00 1100	.00 610	0.00	780	0.00	9500	0.0	0 12	00.00	1290	0.00	146	00.00		IB	000.00	м⊦
0.	F	requency (MHz)	Reading (dBuV)	Corre factor(Result BuV/m)	6		imit uV/m)	Mar (dł	gin 3)			R	lema	ırk		
	4	4924.000	57.13	-9.1			7.31	- "		4.00	-26	_				peal	ĸ		
		7386.000	55.35	-6.	30		8.55	+	7	4.00	-25					peal			
_	1	9848.000	53.72	-3.	34	4	9.88	+	7	4.00	-24	12				peal			

Mode:a; Polarization:Vertical; Modulation:b; bandwidth:20MHz; Channel:High



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ags.com

NO.588 West Jin	du Road, Songjiang District, Sha	nghai,China	201612	
中国・上海・	松江区金都西路588号	邮编:	201612	



Report No.: SHEM210300254101 Page: 52 of 63

		0 dBu∀/m															Lin Lin			
	50																			
	50			ł			2			X										
	0.0 10	00.000 2700	.00 1100). 0 O	610	D. 0 O	780	0.00 9)50(0.00) 12	00.00	1290	0.00	116	00.00		 	000.00	MHz
۷o.	F	requency (MHz)	Reading (dBuV)	,	Correc factor(d			lesult BuV/m)	6		imit uV/m)	Ma (d	rgin B)			F	Rema	ark		
1		1824.000	57.09		-10.2			6.88		74	4.00	-27	.12				pea	k		
2		7236.000	55.38		-7.0			8.33			4.00		.67				pea			
}	9	648.000	54.88		-4.7	7	- 5	0.11	1	74	4.00	-23	.89				pea	k		

Mode:a; Polarization:Horizontal; Modulation:g; bandwidth:20MHz; Channel:Low



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the 3aw only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@egs.com

NO.588 West Jindu Ro	oad, Songjiang District, Shan	ghai,China	201612
中国・上海・松江	区金都西路588号	邮编:	201612



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

Report No.: SHEM210300254101 Page: 53 of 63

1	100.0 dBuY/n	0 dBu∀/m	,																	
	50 0.0																Lim Lim			
	0.0 1000 Fre (1 48 72																			
	50			-			2			1										
	50			Ý			1			Î										
	0.0			1																
	10	100.000 2700	.00 1100).00	610	0.00	780	0.00	950(0.00	112	00.00	1290	0.00	146	00.00		18	000.00	MHz
No.	F	requency (MHz)	Reading (dBuV)	fa	Correc actor(d	tion B/m)		lesult BuV/m)	6	Lin	nit V/m)	Mar (df	rgin B)			F	lema	ırk		
1	4	4824.000	57.49		-10.2			7.28	+	74.		-26					peal	K		
2	1	7236.000	56.43		-7.0	5	4	9.38	\top	74.	00	-24	.62				peal	¢		
3		9648.000	54.53		-4.7	7	4	9.76	Τ	74.	00	-24	.24				peal	(

Mode:a; Polarization:Vertical; Modulation:g; bandwidth:20MHz; Channel:Low



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document only and within the limits of transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Ji	ndu Road, Songjiang District, Sha	nghai,China	201612
中国・上海・	松江区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 54 of 63

		0 dBu∀/m													mitl: mit2:	_	
	50			¥		ł			3								
						-					_				+		
	0.0																
	11	100.0002700	.00 4400.	.00 610	0.00	780	0.00 9	500	0.00 12	00.00	290	0.00	14600.	.00	I	8000.00	мна
0.	F	requency (MHz)	Reading (dBuV)	Correct factor(c			lesult BuV/m)	((Limit dBuV/m)	Marg (dB	in)			Ren	nark		
	4	4874.000	57.56	-10.			7.55		74.00	-26.4	_			pe	ak		
		7311.000	55.26	-6.9)3	4	8.33		74.00	-25.0	67			pe	ak		
	9	9748.000	54.18	-4.3	30	4	9.88		74.00	-24.1	12			pe	ak		

Mode:a; Polarization:Horizontal; Modulation:g; bandwidth:20MHz; Channel:middle



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the 3aw only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@egs.com

NO.588 West Jindu Road, Songjiang District, Shangha	i,China	201612
中国・上海・松江区金都西路588号	邮编:	201612



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

Report No.: SHEM210300254101 Page: 55 of 63

1	00.0	0 dBu∀/m																		
																	Limit Limit			
									_											
	50						2			3										
					k		Î													
	0.0																			
	10	00.0002700	.00 110	0.0	0 610	0.00	780	0.00	9500	0.0	00 12	00.00	1290	0.00	146	00.00		180	00.00	MHz
No.	F	requency (MHz)	Reading (dBuV)		Correct factor(d			lesult BuV/m)	(Limit BuV/m)	Ma (d	rgin B)			Re	mar	k		
1	4	1874.000	56.89		-10.0			6.88			74.00		7.12			р	eak			
2	7	7311.000	55.47		-6.9	3	4	8.54		1	74.00	-25	5.46			р	eak			
3	9	9748.000	54.44		-4.3	0	5	i0.14		1	74.00	-23	3.86			р	eak			

Mode:a; Polarization:Vertical; Modulation:g; bandwidth:20MHz; Channel:middle



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document. Sone excerpt in full, without prior written approval of the Company, any unauthorized alteration, forgery or falsification of the content or appearance of this destruction at offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results hown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Road, Songjiang District, Shangha	i,China	201612
中国・上海・松江区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 56 of 63

																	Lim Lim		_	
							2			*.*	8									
	50				ł		Ť			-	ξ									
							_													
							+						_							
	0.0																			
	1	00.0002700).00 11	00.0	10 6H	10.00	780	0.00	950(0.0	0 112	00.00	1290	0.00	146	00.00		18	000.00	мн
0.	F	requency (MHz)	Readir (dBu\		Corre factor(Result BuV/m)	(Limit BuV/m)	Mar (dł	gin 3)			F	Rema	ark		
	4	4924.000	56.60	-	-9.			6.78	Τ,		4.00	-27					peal	k		
		7386.000	55.47	,	-6.	80	4	8.67		7	4.00	-25	.33				peal	k		
_	9	9848.000	54.06	;	-3.	84	5	0.22	+	7	4.00	-23	78				peal	k		_

Mode:a; Polarization:Horizontal; Modulation:g; bandwidth:20MHz; Channel:High



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the 3aw only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@egs.com

NO.588 West Jindu Road, Songjiang District, Shangh	ai,China	201612
中国・上海・松江区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 57 of 63

1		0 dBu∀/m														Lim Lim			
	50					2													
	0.0					+		_	+			_						_	
		100.0002700	.00 1100	.00 610	0.00	780	0.00 %	9500).00	112	00.00	1290	0.00	1460	00.00		18	000.00	MHz
۱o.	F	requency (MHz)	Reading (dBuV)	Corre factor(lesult BuV/m)	(nit V/m)	Mar (dE	gin 3)			F	lema	rk		
		1924.000	57.50	-9.	32	4	7.68		74	.00	-26	.32				peal			
		7386.000	56.46	-6.			9.66			.00	-24					peal			
	9	9848.000	53.87	-3.	34	5	50.03		74	.00	-23	.97				peał	(

Mode:a; Polarization:Vertical; Modulation:g; bandwidth:20MHz; Channel:High



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document only and within the limits of transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Road, Songjiang District	,Shanghai,China	201612
中国・上海・松江区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 58 of 63

1	00.	0 dBuV/m										nitl: — nit2: —	
	50			×				3 X					
	0.0 1 C	100.000 2700	.00 1100.	0 5100.	00 78	300.00 9	50(0.00 12	00.00 129	00.00 14	1600.00	18000	
No.	F	requency (MHz)	Reading (dBuV)	Correcti factor(dB		Result dBuV/m)	6	Limit dBuV/m)	Margin (dB)		Rem	ark	
1		4824.000	56.93	-10.21	1	46.72		74.00	-27.28		pea		
2 3		7236.000 9648.000	55.72 54.90	-7.05		48.67 50.13		74.00 74.00	-25.33 -23.87		pea pea		

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document. Sone excerpt in full, without prior written approval of the Company, any unauthorized alteration, forgery or falsification of the content or appearance of this destruction at offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results hown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Jindu Road	d, Songjiang District, Sha	nghai,China	201612
中国・上海・松江区	金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 59 of 63

1	00.	0 dBu∀/m																		
																	Limi Limi			
	50			1			3			Ŧ										
				Ĩ	;		Î			Ϊ										
	0.0																			
	10	100.0002700).00 110(0.00	0 610	0.00	780	0.00	950	0.0)0 12	00.00	1290	0.00	146	00.00		18	000.00	MHz
No.	F	requency (MHz)	Reading (dBuV))	Correct factor(d			lesult BuV/m)	(Limit BuV/m)	Ma (d	rgin B)			R	lema	rk		
1	4	4824.000	58.40		-10.2			8.19	+		4.00		5.81				peak	(
2	1	7236.000	56.66		-7.0	5	4	9.61		7	4.00	-24	1.39				peak	۲. ۱		
3	Ş	9648.000	54.79		-4.7	7	5	0.02		7	4.00	-23	3.98				peak	(

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the 3aw only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@egs.com

NO.588 West Jindu Ro	oad, Songjiang District, Shan	ghai,China	201612
中国・上海・松江	区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 60 of 63

1	100.	0 dBu∀/m														Lim	Itl:	_	
																Lim		_	
								\neg						_					
	50			,		2			3					_					
	50			×		Î			Ť										
				+		+		\neg											
	0.0																		
	11	100.0002700	.00 1100.	00 610	0.00	780	0.00 9	501	0.00	112	00.00	1290	U.UU	1151	00.00		18	1000.00v	AHZ
<mark>ا</mark> ٥.	F	requency (MHz)	Reading (dBuV)	Correct factor(d			lesult BuV/m)		Lir	nit V/m)	Mar (df	gin			F	lema	ark		
	4	4874.000	57.63	-10.			7.62	<u> </u>	74.		-26	_				peal	ĸ		
!		7311.000	56.19	-6.9	3	4	9.26	\vdash	74.	00	-24					peal			
}	!	9748.000	53.76	-4.3	0	4	9.46		74.	00	-24	.54				peal	ĸ		

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:middle



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the 30x only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esps.com

NO.588 West Jir	du Road, Songjiang District, Shar	nghai,China	201612
中国・上海・	松江区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 61 of 63

1	I OO.	0 dBu∀/m															-		
																Limi Limi			
								-											
	50			1		\$			3										
				*															
									+			\rightarrow							
	0.0																		
	1[1 0 0.000 2700	.00 4400.	00 6100).00	780	0.00	9500	0.00	112	00.00	1290	0.00	1460	0.00		18	000.00	MHz
No.	F	requency	Reading	Correc			esult			nit	Mar	gin			R	lema	rk		
4		(MHz)	(dBuV)	factor(d			BuV/m)	(<u>V/m)</u>	(dE	_							
1		4874.000	57.48	-10.0			7.47			.00	-26		ļ	peak					
2		7311.000	56.50	-6.9			9.57			.00	-24			peak					
3		9748.000	54.44	-4.3	0	5	0.14		74	.00	-23	.86		peak					

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:middle



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions of Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document only and within the limits of transaction from exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@esp.com

NO.588 West Ji	ndu Road, Songjiang District, Sha	nghai,China	201612
中国・上海・	松江区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 62 of 63

1	00.0	0 dBu∀/m				-														_
																		nitl: nit2:		
																		-		
	50				1		2													
				2	Ý		Î				,							Γ		
	0.0																			
		00.0002700).00 110	0.00	0 610	0.00	780	0.00	950(0.0	0 12	00.00	1290	0.00	146	00.00		1	8000.00	м⊦
D.	F	requency (MHz)	Reading (dBuV)		Correct factor(d			Result BuV/m)	6		Limit BuV/m)	Mar (dE	gin 3)			F	Rem	ark		
	4	1924.000	57.31		-9.8			7.49	<u> </u>		4.00	-26			peak					
_	7	7386.000	56.47		-6.8	30	4	9.67		7	4.00	-24	.33		peak					
_	9	848.000	53.94		-3.8	34	5	50.10		7	4.00	-23	.90		peak					

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the 3aw only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@egs.com

NO.588 West Jindu F	Road, Songjiang District, Shar	ghai,China	201612
中国・上海・松江	L区金都西路588号	邮编:	201612



Report No.: SHEM210300254101 Page: 63 of 63

1	100.0) dBu∀/m																
																Limit Limit		
	50			1		z			3									
				Ĩ		Ĩ												
	0.0																	
	10	00.0002700	.00 4400.	.00 610	0.00	780	0.00 9	500	.00	112	00.00	1290	0.00	1460	0.00		18000.00	MHz
No.	Fr	requency (MHz)	Reading (dBuV)	Correct factor(d			lesult BuV/m)	(0	Limit BuV/		Març (dB	gin 3)	Remark		k			
1	4	1924.000	58.54	-9.8			8.72		74.0		-25.		3 peak					
2	7	7386.000	55.77	-6.8	0	4	8.97		74.0	0	-25.	03	peak					
3	9	9848.000	54.03	-3.8	4	5	i0.19		74.0	0	-23.	81		peak				

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High

8 Test Setup Photographs

Refer to the < Test Setup photos-FCC>.

9 EUT Constructional Details

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

- End of the Report -



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document only and within the limits of except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the Jaw. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ess.com

d.	NO.588 West J	indu Road, Songjiang District, Shanghai	,China	201612
	中国・上海・	·松江区金都西路588号	邮编:	201612