Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 1 of 224

### **TEST REPORT**

Test Result :	PASS *
Date of Issue:	2023/04/11
Date of Test:	2023/03/26 to 2023/04/11
Date of Receipt:	2023/03/22
Standards:	FCC 47 CFR Part 2, Subpart J FCC 47 CFR Part 15, Subpart C
FCC ID:	XMR2023FCS960C
Trade Mark:	Quectel
Model No.:	FCS960C
EUT Description:	Wi-Fi 6 & BLE Module
Address of Manufacturer:	Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China 200233
Manufacturer:	Quectel Wireless Solutions Co., Ltd.
Address of Applicant:	Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China 200233
Applicant:	Quectel Wireless Solutions Co., Ltd.
Application No.:	SEWA2302000023RG

In the configuration tested, the EUT detailed in this report complied with the standards specified above.

Authorized Signature:

Sun

Panta Sun Wireless Laboratory Manager



 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 2 of 224

#### 1 Version

		<b>Revision Record</b>		
Version	Chapter	Date	Modifier	Remark
01		2023/04/11		Original

Prepared By	(Ives Cheng) / Test Engineer
Checked By	(Well Wei) / 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.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Cocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction lissues 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, forger or falisfication 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: CM Doccheck@ses.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, Chine (Liangsu) Plot Fine Trade Zone 215000 t( 中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业园区调胜路1号约6号厂房南部 邮编: 215000 t()

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 3 of 224

#### 2 Test Summary

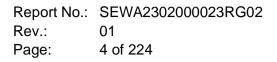
SG

Test Item	FCC Rule No.	Test Method	Test Result	Result
Antenna Requirement	15.203/15.247(b)		Clause 4.1	PASS
AC Power Line Conducted Emission	15.207	ANSI C63.10 2013 Section 6.2	Clause 4.2	PASS
Duty Cycle			Clause 4.3	Reporting only
Conducted Output Power	15.247 (b)(3)	ANSI C63.10 2013 Section11.9.2.3	Clause 4.4	PASS
DTS (6 dB) Bandwidth & 99% Occupied Bandwidth	15.247 (a)(2)	ANSI C63.10 2013 Section 11.8 Option 2 / 6.9.3	Clause 4.5	PASS
Power Spectral Density	15.247 (e)	ANSI C63.10 2013 Section 11.10.2	Clause 4.6	PASS
Band-edge for RF Conducted Emissions	15.247(d)	ANSI C63.10 2013 Section 11.11	Clause 4.7	PASS
RF Conducted Spurious Emissions	15.247(d)	ANSI C63.10 2013 Section 11.11	Clause 4.8	PASS
Radiated Spurious Emissions	15.247(d);15.205/15.209	ANSI C63.10 2013 Section 11.12	Clause 4.9	PASS
Restricted bands around fundamental frequency (Radiated Emission)	15.247(d);15.205/15.209	ANSI C63.10 2013 Section 11.12	Clause 4.10	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.ags.com/en/Terms-and-Conditions\_agay 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, indexemification 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 cannot be reproduced except in full, without prior written approval of the Company, any unauthorized alteration, forgery or falisfication 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,

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区湖胜路1号约6号厂房南部 邮编: 215000



#### Contents

1	Versio	n	2
2	Test S	Summary	3
3	Gener	al Information	5
	3.1	Details of Client	5
	3.2	Test Location	5
	3.3	Test Facility	5
	3.4	General Description of EUT	6
	3.5	Test Environment and Mode	8
	3.6	Description of Support Units	8
	3.7	Worst-case configuration and mode	8
4	Test re	esults and Measurement Data	9
	4.1	Antenna Requirement	9
	4.2	AC Power Line Conducted Emissions	10
	4.3	Duty Cycle	14
	4.4	Conducted Output Power	15
	4.5	DTS (6 dB) Bandwidth & 99% Occupied Bandwidth	16
	4.6	Power Spectral Density	17
	4.7	Band-edge for RF Conducted Emissions	18
	4.8	RF Conducted Spurious Emissions	19
	4.9	Radiated Spurious Emissions	20
	4.10	Restricted bands around fundamental frequency	23
5	Measu	urement Uncertainty (95% confidence levels, k=2)	26
6	Equipr	ment List	27
7	Photog	graphs - Setup Photos	29



SG

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-en-Document.aspx</u>. Attention is davan 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 to excent 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 examile (10 Doccheck the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or examile (10 Doccheck the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or examile (10 Doccheck the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or examile (10 Doccheck the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or examile (10 Doccheck the contact o

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区湖胜路1号约6号厂房南部 邮编: 215000

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 5 of 224

#### **3** General Information

#### 3.1 Details of Client

Applicant:	Quectel Wireless Solutions Co., Ltd.	
Address of Applicant:	Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China 200233	
Manufacturer:	Quectel Wireless Solutions Co., Ltd.	
Address of Manufacturer:	Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China 200233	

#### 3.2 Test Location

Company:	SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Address:	South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
Post code:	215000
Test engineer:	King-p Li, Ives Cheng

#### 3.3 Test Facility

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

#### • A2LA (Certificate No. 6336.01)

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 6336.01.

#### Innovation, Science and Economic Development Canada

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0120.

IC#: 27594.

#### • FCC –Designation Number: CN1312

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized as an accredited testing laboratory.

Designation Number: CN1312.

Test Firm Registration Number: 717327



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed bureleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions</u>, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com/en/Terms-and-Conditions</u>/Terms-and-Conditions/Terms-and-Conditions, 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 for Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a ransaction 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 unlawfull 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 relatined for 30 days only. Attention; Coheck the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industria Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 2150000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区调胜路1号的6号厂店南部 邮编: 215000

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 6 of 224

#### 3.4 General Description of EUT

EUT Description:	Wi-Fi 6 & BLE Module			
Model No.:	FCS960C			
Trade Mark:	Quectel	Quectel		
Hardware Version:	R1.0			
Software Version:	FCS960CAA			
SN:	E1823AE320	00139		
	802.11b/g/n(l	HT20)/ax(HE20):	2412MHz to 2462MHz	
Operation Frequency:	802.11n(HT4	0)/ax(HE40):	2422MHz to 2452MHz	
	802.11b:	DSSS (DBPSK,	DQPSK, CCK)	
Modulation Type:	802.11g/n:	OFDM (BPSK, 0	QPSK, 16QAM, 64QAM)	
	802.11ax:	OFDM/OFDMA	(BPSK, QPSK, 16QAM, 64QAM, 256QAM)	
Number of Channels:	802.11b/g/n(HT20)/ax(HE20): 11 802.11n(HT40)/ax(HE40): 7			
Channel Spacing:	5MHz			
	SISO	802.11b/g/n/ax		
		CDD: 802.11b/g	/n/ax: Tx & Rx	
Smart System:		STBC: 802.11n/	ax: Tx & Rx	
		TXBF: 802.11n/a	ax: Tx & Rx	
	Diversity	802.11b/g: Tx 8	Rx Rx	
Antenna Type:	External Ante	External Antenna		
	0.73dBi (Ant1)			
Antenna Gain:	Note: The antenna gain are derived from the gain information report provided by the manufacturer.			
	manufacturer	•		

As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.



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 faisification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fulleet axtent of the 3w only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CM.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Stathou Industrial Park, Stathou Area, China (Jiangsai) Pilot Free Trade Zone 2150000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区湖胜路1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 7 of 224

	Operation Frequency of each channel (802.11b/g/n HT20 / ax HE20)						
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz		
	Operation Frequency of each channel (802.11n HT40 / ax HE40)						
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
3	2422MHz	6	2437MHz	9	2452MHz		
4	2427MHz	7	2442MHz				
5	2432MHz	8	2447MHz				
Remark:	Remark:						
In section 15	In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the						

middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency for 802.11 b/g/n (HT20)/ ax (HE20)	Frequency for 802.11n (HT40)/ ax(HE40)
The Lowest channel	2412MHz	2422MHz
The Middle channel	2437MHz	2437MHz
The Highest channel	2462MHz	2452MHz



S

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 herein 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,

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Houlshill Plank, Suzhou Area, Chine (Jiangsu) Plok Fiee Trade Zone 215000 t (86-512) 62992980 中国・苏州・中国(江苏)自由貿易试验区苏州市区苏州工业団区河建路1号的6号厂房南部 解编: 215000 t (86-512) 62992980 www.sgsgroup.com.cn

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 8 of 224

#### 3.5 Test Environment and Mode

S

Environment Parameter	101.0 kPa Selected Values During Tests		
Relative Humidity	44-46 % RH Ambient		
Value	Temperature(°C) Voltage(V)		
NTNV	22~23	3.3	
Remark: NV: Normal Voltage NT: Normal Temperature			

#### 3.6 Description of Support Units

Description	Manufacturer	Model No.		
Mother board	Quectel	N/A		
Remark: all above the information of table are provided by client.				

#### 3.7 Worst-case configuration and mode

Low data rate was used to test on antenna port conducted tests and radiated spurious emissions since it has the highest maximum power. Following are the worst-case data rates set for test:

Modulation Type	SISO - Data Rate	MIMO - Data Rate
802.11b	1 Mbps	/
802.11g	6 Mbps	/
802.11n (HT 20)	MCS0 (6.5 Mbps)	/
802.11n (HT 40)	MCS0 (13.5 Mbps)	/
802.11ax (HE 20)	MCS0 (8 Mbps)	/
802.11ax (HE 40)	MCS0 (16 Mbps)	/



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.aspx</u> and, for electronic format documents, 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 faisification of the content or appearance of this document is unlawillui and offenders may be prosecuted to the fullest exitent of the law clients stated the results shown in this test report refer only to the sample(s) are relained for 30 days only.

South of No. 6 Plant, No. 1, Runsheng Road, Stathou Industrial Park, Stathou Area, China (Jiangsai) Pilot Free Trade Zone 2150000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区湖胜路1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 9 of 224

#### 4 Test results and Measurement Data

#### 4.1 Antenna Requirement

Standard requirement: 47 CFR Part 15C Section 15.203 /247(b)

#### 15.203 requirement:

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

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.

The antenna is External Antenna on the main PCB and no consideration of replacement. The best case gain of the antenna is 0.73dBi (Ant1). \*

\*Note:

The antenna gain are derived from the gain information report provided by the manufacturer. Remark:

As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.



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.aspx and, for electronic format documents, attention is attention to the limitation of tability indemne Cotion and Unradiction Issued Ferred Herein. Any holder of think the limit is distinct of the second se

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Plot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

Report No.: SEWA2302000023RG02 Rev.: 01 Page: 10 of 224

#### 4.2 AC Power Line Conducted Emissions

SG

Test Requirement:	47 CFR Part 15C Section	47 CFR Part 15C Section 15.207			
Test Method:	ANSI C63.10: 2013 Sect	ANSI C63.10: 2013 Section 6.2			
Test Frequency Range:	150kHz to 30MHz				
Receiver Setup:	RBW = 9kHz, VBW = 30	kHz			
Limit:		Limit (d	BuV)		
	Frequency range (MHz)	Quasi-peak	Average		
	0.15-0.5	66 to 56*	56 to 46*		
	0.5-5	56	46		
	5-30	60	50		
	* Decreases with the log	arithm of the frequency.			
Test Procedure:	<ol> <li>The mains terminal disturbance voltage test was conducted in a room.</li> <li>The EUT was connected to AC power source through a LISN 1 Impedance Stabilization Network) which provides a 50Ω/50µH + 5Ω impedance. The power cables of all other units of the EUT were co 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 cable single LISN provided the rating of the LISN was not exceeded.</li> <li>The tabletop EUT was placed upon a non-metallic table 0.8m at ground reference plane. And for floor-standing arrangement, the EU placed on the horizontal ground reference plane.</li> </ol>				
	vertical ground reference reference plane. The LIS unit under test and bond mounted on top of the gr between the closest poir the EUT and associated In order to find the maxir	n from the vertical ground refe e plane was bonded to the ho SN 1 was placed 0.8 m from the ed to a ground reference plane round reference plane. This d hts of the LISN 1 and the EUT equipment was at least 0.8 n num emission, the relative po- interface cables must be cha- onducted measurement.	rizontal ground he boundary of the he for LISNs istance was . All other units of h from the LISN 2. psitions of		



	Unless otherwise agreed in writing, this document is issued by th overleaf, available on request or accessible at <u>http://www.sgs.com/e</u> subject to Terms and Conditions for Electronic Documents at <u>http:</u> Attention is drawn to the limitation of liability, indemnification and adiesed that information contained Chereon reflects the Company's is transaction from exercising all their rights and obligations under the except in full, without prior written approval of the Company. Any appearance of this document is unlawful and offenders may be prose results shown in this test report refer only to the sample(s) tested and Attention. To check the authenticity of testing /inspection report or email: CM.Doccheck@sgs.com	in/Terms-and-Conditi //www.sgs.com/en/Te //www.sgs.com/en/Te findings at the time of to its Client and this he transaction docur unauthorized alterat ecuted to the fullest such sample(s) are r	ons.apx and, for electrr rms-and-Conditions/Ter fined therein. Any holo of its intervention only s document does not ents. This document ion, forgery or falsifici extent of the law. Unles etained for 30 days only	onic format documents, rms-e-Document.aspx. ler of this document is and within the limits of exonerate parties to a cannot be reproduced ation of the content or as otherwise stated the A
1	South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone	215000	t (86-512) 62992980	www.sgsgroup.com.cn

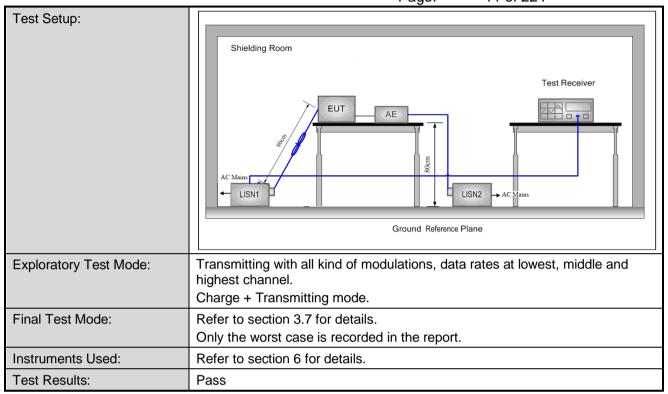
中国•苏州•中国(江苏)自由贸易试验区苏州片区苏州工业园区满胜路1号的6号厂房南部 邮编: 215000

www.sgsgroup.com.cn sgs.china@sgs.com t (86-512) 62992980 t (86–512) 62992980

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 11 of 224





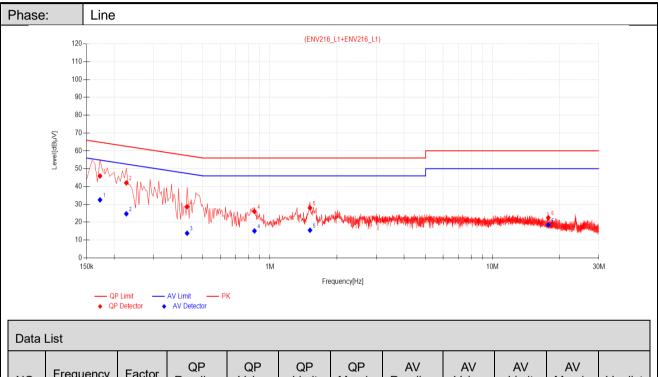
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification 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,

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jangsu) Plot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏路1号的6号厂房南部 邮编: 215000

Report No.: SEWA2302000023RG02 Rev.: 01 12 of 224 Page:

#### Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.



	NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBµV]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Reading [dBµV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdict
	1	0.1725	10.73	35.18	45.91	64.84	18.93	21.80	32.53	54.84	22.31	PASS
	2	0.2265	10.81	31.22	42.03	62.58	20.55	13.90	24.71	52.58	27.87	PASS
	3	0.4245	10.53	18.16	28.69	57.36	28.67	3.28	13.81	47.36	33.55	PASS
	4	0.8520	10.56	15.42	25.98	56.00	30.02	4.56	15.12	46.00	30.88	PASS
	5	1.5135	10.79	17.23	28.02	56.00	27.98	4.72	15.51	46.00	30.49	PASS
	6	17.7810	10.47	12.05	22.52	60.00	37.48	8.01	18.48	50.00	31.52	PASS
I	Remark:											

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:

2. Value =Reading[dBµV] + Factor(Lisn factor[dB] + cable loss[dB]).

3. Margin = Limit[dBµV] - Value[dBµV]



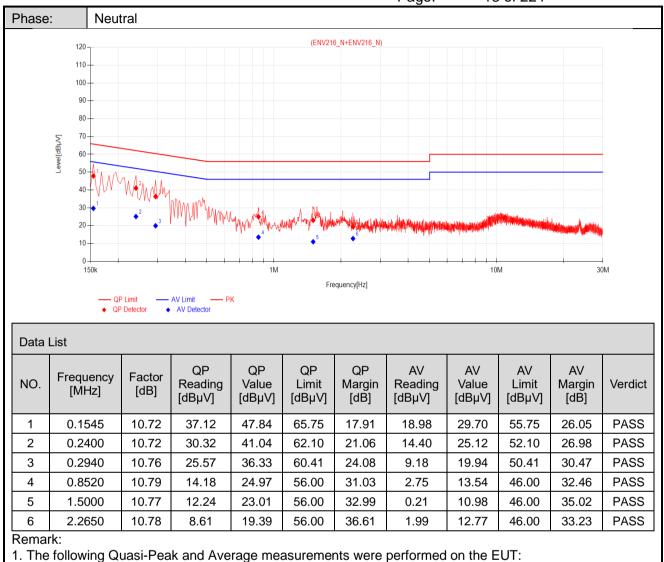
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service pr overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format docum subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-and-C content o e: (86-755) 8307 1443

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国•苏州•中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 13 of 224



2. Value =Reading[dB $\mu$ V] + Factor(Lisn factor[dB] + cable loss[dB]).

3. Margin = Limit[dB $\mu$ V] – Value[dB $\mu$ V]



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, 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 finspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone 215000 中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 14 of 224

#### 4.3 Duty Cycle

The detailed test data see: Appendix



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.aspx</u> and, for electronic format documents, 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 content such as the sample(s) lested and such sample(s) are relained for 30 days only.

South of No. 6 Plant, No. 1, Runsleng Road, Starbou industrial Plant, Suzhou Anea, Chine (Langsu) Plot Free Trade Zone 215000 t (86-512) 62992980 中国・苏州・中国(江苏)自由贸易试验区苏州上区苏州工业园区测胜路(号約6号厂房角部 邮编: 215000 t (86-512) 62992980 www.sgsgroup.com.cn

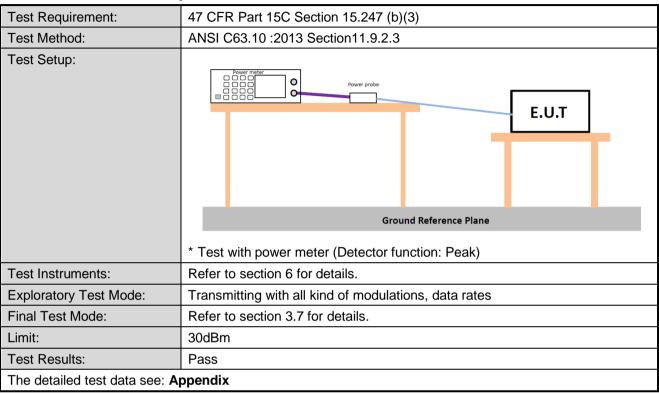
 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 15 of 224

#### 4.4 Conducted Output Power

S





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.aspx</u> and, for electronic format documents, 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 unlawfull and offenders may be prosecuted to the fullest extent of the law. Dhess 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 back the authenticity of testing inspection report & certificate, please contact us at telephoner. (86-755) 8307 1443.

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Plant, Suchou Area, China (Liangsu) Plot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区调胜路1号的6号厂房南部 邮编: 215000

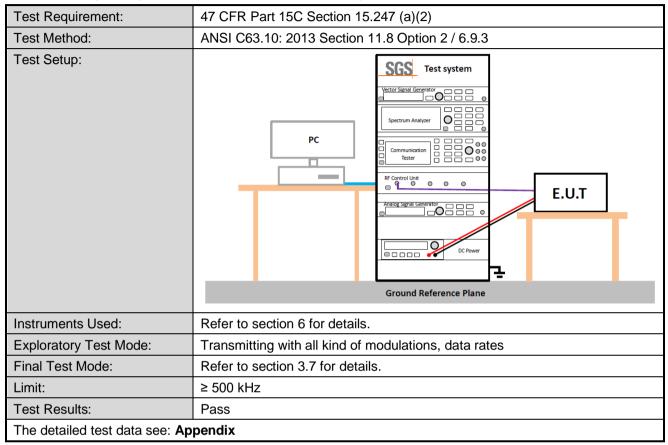
 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 16 of 224

#### 4.5 DTS (6 dB) Bandwidth & 99% Occupied Bandwidth

S





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-en-Conditions/Terms-and-Conditions/Terms-en-Con-Conditions</u>. At the time of its 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 extend for 30 days only. Attention: To theak the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, Attention: To theok the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

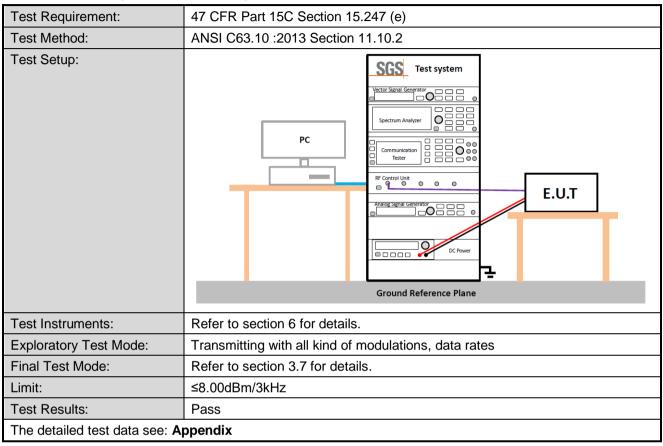
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pliot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏路1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 17 of 224

#### 4.6 Power Spectral Density





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 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 faisification 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) 83071443.

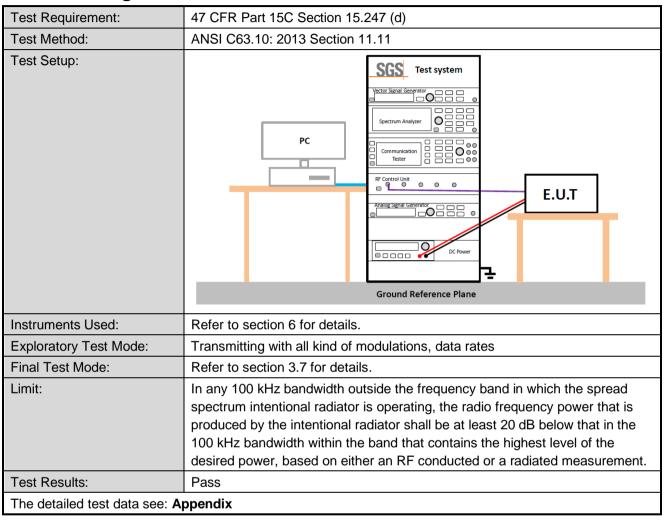
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州计区苏州工业团区测胜路1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 18 of 224

#### 4.7 Band-edge for RF Conducted Emissions





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.aspx</u> and, for electronic format documents, 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. Diless 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 finspection report & certificate, please contact us at telephone: (86-755) 8307 1443.

South of No. 6 Plant, No. 1, Runsheng Read, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trate Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区湖胜路1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 19 of 224

#### Test Requirement: 47 CFR Part 15C Section 15.247 (d) **Test Method:** ANSI C63.10: 2013 Section 11.11 Test Setup: SGS Test system Vector Signal Gener 0 PC Unit 0 0 0 E.U.T Ground Reference Plane Instruments Used: Refer to section 6 for details. Exploratory Test Mode: Transmitting with all kind of modulations, data rates Final Test Mode: Refer to section 3.7 for details. In any 100 kHz bandwidth outside the frequency band in which the spread Limit: spectrum 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. **Test Results:** Pass The detailed test data see: Appendix

#### 4.8 **RF Conducted Spurious Emissions**



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.aspx</u> and, for electronic format documents, 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. Dness 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 finspection report & certificate, please contact us at telephone: (6-755) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Stathou Industrial Park, Stathou Area, China (Jiangsu) Pilot Free Trade Zone 2150000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区调胜路1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 20 of 224

#### 4.9 Radiated Spurious Emissions

S

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205					
Test Method:	ANSI C63.10 :2013 Sect	ion 11.12				
Test Site:	Measurement Distance:	3m (Semi-Anechoi	ic Chamber)			
Test Frequency:	9kHz ~ 25GHz					
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark	
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak	
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average	
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak	
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak	
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average	
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak	
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak	
		Peak	1MHz	3MHz	Peak	
	Above 1GHz	Peak	1MHz	3MHz	Peak	
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)	
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300	
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30	
	1.705MHz-30MHz	30	-	-	30	
	30MHz-88MHz	100	40.0	Quasi-peak	3	
	88MHz-216MHz	150	43.5	Quasi-peak	3	
	216MHz-960MHz	200	46.0	Quasi-peak	3	
	960MHz-1GHz	500	54.0	Quasi-peak	3	
	Above 1GHz	500	54.0	Average	3	
Remark: 15.35(b),Unless otherwise specified, the limit on peak radio frequen emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total pea emission level radiated by the device.					nit	



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.aspx</u> and, for electronic format documents, 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 alleration, forgery or falsification of the content or appearance of this document is unlawfull 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) itested and such sample(s) are relained for 30 days only. *Attemption: Descharted and the Descharted and the Descharted and the Descharted and the Barcehore*. (86-75) 8307 1443, *Attemption: Descharted and the sample(s)* itested and such sample(s) theses contact us at telephone: (86-75) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Stuchou Industrial Park, Suchou Area, Chine (Jiangsu) Plot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏路1号的6号厂房南部 邮编: 215000

		Page. 2101224
Test Setup:		
AE EUT Ground Refer	<b>X</b>	Artensa Tower
Figure 1. B	elow 30MHz	Figure 2. 30MHz to 1GHz
	Ground Reference Plane Test Receiver	Above 1 GHz
Test Procedure:	<ul> <li>a. For below 1GHz, the meters above the gro table was rotated 360 radiation.</li> <li>b. For above 1GHz, the meters above the gro was rotated 360 degr (Distance from antenna)</li> <li>c. The EUT was set 3 o antenna, which was r</li> <li>d. The antenna height is ground to determine thorizontal and vertica measurement.</li> <li>e. For each suspected e then the antenna was frequency of below 30 antenna above the ground to determine the antenna was frequency of below 30 antenna above the ground to determine the antenna was frequency of below 30 antenna above the ground to determine the antenna was frequency of below 30 antenna above the ground to determine the antenna was frequency of below 30 antenna above the ground to determine the ground to determine the antenna was frequency of below 30 antenna above the ground to determine the ground to determine</li></ul>	EUT was placed on the top of a rotating table 0.8 bund at a 3 or 10 meter semi-anechoic camber. The 0 degrees to determine the position of the highest EUT was placed on the top of a rotating table 1.5 bund at a 3 meter semi-anechoic camber. The table rees to determine the position of the highest radiation a to EUT is 1m for measurements >18GHz). r 10 meters away from the interference-receiving mounted on the top of a variable-height antenna tower. s varied from one meter to four meters above the the maximum value of the field strength. Both al polarizations of the antenna are set to make the emission, the EUT was arranged to its worst case and s tuned to heights from 1 meter to 4 meters(for the test 0MHz, the antenna was tuned to heights 1 meter) and as turned from 0 degrees to 360 degrees to find the



Unless otherwise agreed in writing, this document is issued by t overleaf, available on request or accessible at <u>http://www.sgc.com/</u> subject to ferms and Conditions for Electronic Documents at <u>http</u> Advisible the ferms and Conditions for Electronic Documents at <u>http</u> Control and the transmitter of the transmitter of the transmitter advised the transmitter of the transmitter of the transmitter Client's instructions, if any. The Company's sole responsibility is transaction from exercising all their rights and obligations under except in full, without prior written approval of the Company. Any appearance of this document is unlawful and offenders may be pro- results shown in this test report refer only to the sample(s) tested an Attention: To check the authenticity of testing /inspection repor or email: SN_Doccheck@ags.com	n/Termis-anid-Conditions.aspx and, for electronic format documents, //www.sgx.com/en/Terms-and-Conditions/Terms-e-Document.aspx. urisdiction issues defined therein. Any holder of this document is findings at the time of its intervention only and within the limits of to its Client and this document does not exonerate parties to a he transaction documents. This document cannot be reproduced unauthorized alteration, forgery or faisification of the content or ecuted to the fullest extent of the law. Unless otherwise stated the such sample(s) are retained for 30 days only.
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone	215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国•苏州•中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编:	215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWA2302000023RG02

21 of 224

01

Rev.:

Page:

Report No.: SEWA2302000023RG02

	Rev.: 01 Page: 22 of 224
	Page: 22 of 224 maximum reading.
	<ul> <li>f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> </ul>
	g. Test the EUT in the lowest channel, the middle channel ,the Highest channel.
	h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case.
	i. Repeat above procedures until all frequencies measured was complete.
	j. The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported
	k. The disturbance above 18GHz was very low, and the harmonics were the highest point could be found when testing, so only the harmonics had been displayed.
	<ol> <li>At a measurement distance of 1 meter the limit line was increased by 20*LOG(3/1) = 9.54 dB.</li> </ol>
Test Configuration:	Measurements below 30MHz
	• RBW = 10 kHz
	• VBW = 30 kHz
	Detector = Peak & Average & Quasi-peak
	Trace mode = max hold
	Measurements Below 1000MHz
	• RBW = 120 kHz
	• VBW = 300 kHz
	Detector = Quasi-peak
	Trace mode = max hold
	Peak Measurements Above 1000 MHz
	• RBW = 1 MHz
	• VBW ≥ 3 MHz
	Detector = Peak
	• Sweep time = auto
	• Trace mode = max hold
	Average Measurements Above 1000MHz
	• RBW = 1 MHz
	• VBW = 10 Hz, when duty cycle is no less than 98 percent.
	• VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum
	transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
	Charge + Transmitting mode.
Final Test Mode:	Refer to section 3.7 for details.
Instruments Used:	Refer to section 6 for details.
Test Results:	
Test Results.	Pass



SG

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

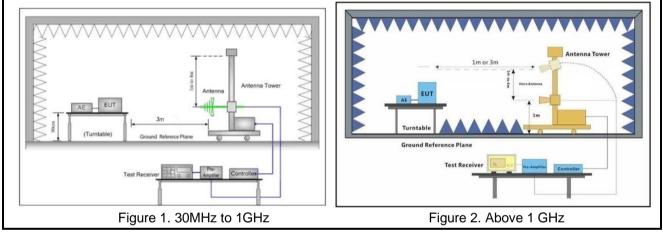
 Page:
 23 of 224

#### 4.10Restricted bands around fundamental frequency

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205 ANSI C63.10: 2013 Section 11.12				
Test Method:					
Test Site:	Measurement Distance: 3m	(Semi-Anechoic Cham	per)		
Limit:	Frequency	Limit (dBuV/m)	Remark		
	30MHz-88MHz	40.0	Quasi-peak		
	88MHz-216MHz	43.5	Quasi-peak		
	216MHz-960MHz	46.0	Quasi-peak		
	960MHz-1GHz	54.0	Quasi-peak		
	Above 1GHz	54.0	Average Value		
		74.0	Peak Value		

#### Test Setup:

SG





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.aspx</u> and, for electronic format documents, 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 unlawfull 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,

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Plot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州上区苏州工业团区润胜路1号的6号厂房南部 邮编: 215000

SG:

Report No.:	SEWA2302000023RG02
Rev.:	01
Page:	24 of 224

	Fage. 24 01 224
Test Procedure:	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 camber. The table was rotated 360 degrees to determine the position of the highest radiation.
	<ul> <li>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 semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> </ul>
	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 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. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel
	h. Test the EUT in the lowest channel, the Highest channel
	<ul> <li>The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case.</li> </ul>
	j. Repeat above procedures until all frequencies measured was complete.
Test Configuration:	Measurements Below 1000MHz
°,	• RBW = 120 kHz
	• VBW = 300 kHz
	<ul> <li>Detector = Quasi-peak</li> </ul>
	Trace mode = max hold
	Peak Measurements Above 1000 MHz
	• RBW = 1 MHz
	• VBW ≥ 3 MHz
	<ul> <li>Detector = Peak</li> </ul>
	Sweep time = auto
	Trace mode = max hold
	Average Measurements Above 1000MHz
	• RBW = 1 MHz
	<ul> <li>VBW = 10 Hz, when duty cycle is no less than 98 percent.</li> </ul>
	• VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum
	transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates. Charge + Transmitting mode.
Final Test Mode:	Refer to section 3.7 for details.
Instruments Used:	Refer to section 6 for details.



Report No.: SEWA2302000023RG02 Rev.: 01 25 of 224 Page: Pass The detailed test data see: Appendix

**Test Results:** 



中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

· · · · · · · · · · · · · · · · · · ·
A The A
「「「」」
检验检测专用章 会 Inspection & Testing Services 考
Sy inspection a resulty dervices 5
SGS-CSTC Scheeds Technical Services (Server) Co., Ltd. Wireless Laboratory Connical Services
WITEIESS Laborate

Member of the SGS Group (SGS SA)

t (86-512) 62992980

sgs.china@sgs.com

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 26 of 224

#### 5 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Total RF power, conducted	±0.54dB
2	RF power density, conducted	±1.03dB
3	Spurious emissions, conducted	±0.54dB
4	Radio Frequency	±1.0 %
5	Duty Cycle	±0.37%
6	Occupied Bandwidth	±1.0 %
7	Conduction Emission	± 2.90dB (150kHz to 30MHz)
		± 3.13dB (9k -30MHz)
0	Radiated Emission	± 4.8dB (30M -1GHz)
8		± 4.8dB (1GHz to 18GHz)
		± 4.80dB (Above 18GHz)
Bomork:	•	

Remark:

S

The U<sub>lab</sub> (lab Uncertainty) is less than U<sub>cispr/ETSI</sub> (CISPR/ETSI Uncertainty), so the test results

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;

- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.



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, arg/Terms-en-Documentaspx. 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 unawful and offenders may be prosecuted to the fullest extent of the law. Diless otherwise stated the results shown in this test report refer only to the sample(s) lested and such sample(s) are retained for 30 days ony. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Plot Free Trade Zone 215000 t 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业团区润脏路1号约6号厂房南部 邮编: 215000 t

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 27 of 224

#### 6 Equipment List

SG

RF Test Equipment						
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date (yyyy/mm/dd)	Cal.Due date (yyyy/mm/dd)	
Shielding Room	Brilliant-emc	N/A	SUWI-04-01-06	2021/05/08	2024/05/07	
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-07	2023/02/06	2024/02/05	
Signal Analyzer	ROHDE& SCHWARZ	FSV3030	SUWI-01-02-02	2022/05/17	2023/05/16	
Measurement Software	Tonscend	JS1120-3 Test System V3.1.55	SUWI-02-09-09	NCR	NCR	
Signal Analyzer	ROHDE& SCHWARZ	FSW43	SUWI-01-02-04	2022/05/28	2023/05/27	
Wideband Radio Communication Tester	ROHDE& SCHWARZ	CMW500	SUWI-01-16-05	2023/02/06	2024/02/05	
DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	2023/02/06	2024/02/05	
Power meter	Anritsu	ML2495A	SUWI-01-31-01	2022/11/23	2023/11/22	
Pulse power sensor	Anritsu	MA2411B	SUWI-01-32-01	2022/11/23	2023/11/22	
MXG Vector signal genitor	KEYSIGHT	N5182B	SUWI-01-38-01	2023/02/06	2024/02/05	
Temperature Chamber	ESPEC	SU-242	SUWI-01-13-01	2023/02/06	2024/02/05	

Conduction Test Equipment						
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date (yyyy/mm/dd)	Cal.Due date (yyyy/mm/dd)	
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2023/02/08	2024/02/07	
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-06	2023/02/07	2024/02/06	
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-03	2023/02/08	2024/02/07	
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-04	2023/02/08	2024/02/07	
Measurement Software	Tonscend	JS32-CE V4.0.0.2	SUWI-02-09-05	NCR	NCR	



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.aspx</u> and, for electronic format documents, 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 unlawfull 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) itested and such sample(s) are relatined for 30 days only. Attention: Desch Handerson of Jesting inspection report à certificate, please contact us at telehome: (86-75) 8307 1443, Attention: Desch Handerson (90 testing inspection report à certificate, please contact us at telehome: (86-75) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Stuchou Industrial Park, Suchou Area, Chine (Jiangsu) Plot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏路1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 28 of 224

RSE Test System							
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date (yyyy/mm/dd)	Cal.Due date (yyyy/mm/dd)		
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	2021/05/08	2024/05/07		
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2023/02/07	2024/02/06		
Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	2022/05/28	2023/05/27		
Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-05	2022/11/23	2023/11/22		
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2023/02/08	2024/02/07		
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	VULB 9163	SUWI-01-11-01	2021/05/16	2023/05/15		
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	2021/05/16	2023/05/15		
Receiving antenna	SCHWRZBECK MESS- BBHA 9170 SUWI-01-11-03 2021/0 ELEKTRONIK		MESS- BBHA 9170 SUWI-01-11-03 2021/05/14		2023/05/13		
Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	2023/02/06	2024/02/05		
Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	2023/02/06	2024/02/05		
Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	2023/02/08	2024/02/07		
Active Loop Antenna	SCHWRZBECK MESS- ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	2021/06/10	2023/06/09		
Measurement Software	Tonscend	JS32-RE 4.0.0.0	SUWI-02-09-04	NCR	NCR		



S

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.aspx</u> and, for electronic format documents, 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 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 unlawill 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) are related for 30 days only. *Aremandi* 10 Decohards and the sample(s) tested and such sample(s) are related for 30 days only. *Aremandi* 10 Decohards and the sample(s) tested and such sample(s) are related for 30 days only.

of and the CHARDENT CALL STATE CONTINUE CONTINUE CONTINUE (Langeu) Plot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区湖胜路1号的6日「房南部 邮编: 215000

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 29 of 224

### 7 Photographs - Setup Photos

Refer to Appendix A.2 WLAN Setup Photos.



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, 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 his document is unlawfull and offenders may be prosecuted to the fullest extent of the law contest there are results shown in this test report refer only to the sample(s) tested and such sample(s) are relained for 30 days only. Aremalic Moncher Agrennelity of testing /inspection report & certificate, please contact us at telephone: (86-755)8307 1443, Aremalic Moncher Agrennelit Sundayful testing / and the approval of the formal test reports of testing / and prove its and the sample(s) testing / and the prove its and the sample(s) testing / and the prove its additioned by the sample(s) testing / and the prove its additioned by the prove of the sample(s) testing / and the prove of the sample(s) testing / and the prove of the sample(s) testing / and the prove of the prove of the sample(s) testing / and the prove of the sample(s) testing / and the prove of the sample(s) testing / and the prove of the sample of the sample(s) testing /

South of No. 5 Plart, No. 1, Runsheng Road, Suchou Hodsthill Plark, Suchou Area, Chine (Jangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 中国・苏州・中国(江苏)自由贸易试验区苏州上区苏州工业园区测胜路1号的6号厂房角都 邮编: 215000 t (86-512) 62992980

www.sgsgroup.com.cn

sgs.china@sgs.com

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 30 of 224

# Appendix



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</u>, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com/en/Terms-and-Conditions</u>/Terms-end-Conditions/Terms-end-Conditions, 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 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 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 his 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 of testing /inspection report a certificate, please contact us at telephone: (86-75) 8307 1443, reamail. (C. Monchert Assention) of testing /inspection report a certificate, please contact us at telephone: (86-75) 8307 1443, reamail.

South of No. 6 Plant, No. 1, Runsheng Road, Stathou Industrial Plant, Suathou Anea, Chine (Langsu) Plot Free Trade Zone 215000 t (86-512) 62992980 中国・苏州・中国(江苏)自由贸易试验区苏州上区苏州工业园区测胜路(号的号厂房角部 邮编: 215000 t (86-512) 62992980 www.sgsgroup.com.cn

sgs.china@sgs.com

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 31 of 224

#### DTS Bandwidth Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11b		2412	10.12	2406.92	2417.04	≥0.5	PASS
	Ant1	2437	10.12	2431.92	2442.04	≥0.5	PASS
		2462	10.12	2456.92	2467.04	≥0.5	PASS
		2412	16.40	2403.80	2420.20	≥0.5	PASS
11g	Ant1	2437	16.44	2428.76	2445.20	≥0.5	PASS
_		2462	16.44	2453.76	2470.20	≥0.5	PASS
	Ant1	2412	17.64	2403.16	2420.80	≥0.5	PASS
11n20SISO		2437	17.64	2428.16	2445.80	≥0.5	PASS
		2462	17.64	2453.16	2470.80	≥0.5	PASS
	Ant1	2422	35.52	2404.08	2439.60	≥0.5	PASS
11n40SISO		2437	35.52	2419.08	2454.60	≥0.5	PASS
		2452	36.08	2433.76	2469.84	≥0.5	PASS
11ax20SISO	Ant1	2412	19.00	2402.48	2421.48	≥0.5	PASS
		2437	19.00	2427.52	2446.52	≥0.5	PASS
		2462	19.08	2452.44	2471.52	≥0.5	PASS
11ax40SISO	Ant1	2422	36.32	2403.20	2439.52	≥0.5	PASS
		2437	37.68	2417.96	2455.64	≥0.5	PASS
		2452	37.92	2433.04	2470.96	≥0.5	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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. Attention is drawn to the limitation of liability, indeemification 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 cannot be reproduced except in full, without prior written approval of the Company, hony 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) is restel and go and, son 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: O Doccheck@nes.com" Doccheck@nes.com</a>

 South of Mo. 6 Part, No. 1, Runsheng Road, Suzhou Industria Park, Suzhou Area, Chira (Jangsu) Pikit Fee Trade Zone
 215000
 t (86-512) 62992980

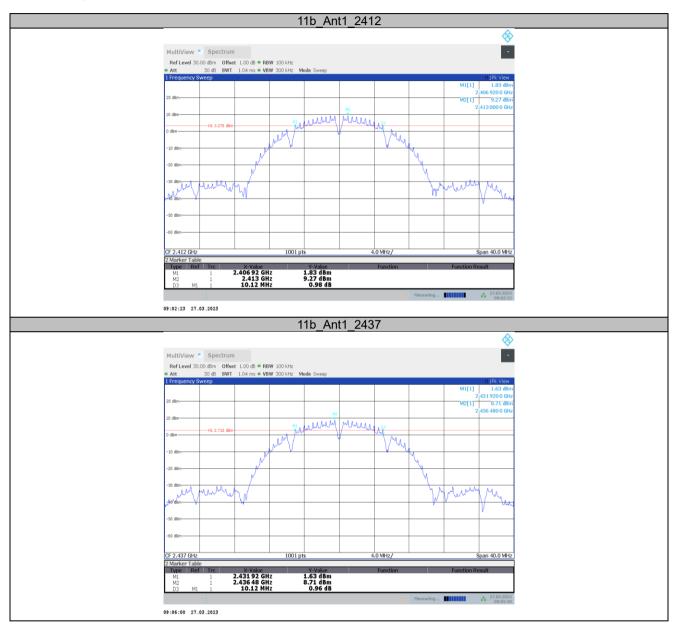
 中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业型区词胜数号的终于广房南部
 単編: 215000
 t (86-512) 62992980

www.sgsgroup.com.cn

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 32 of 224

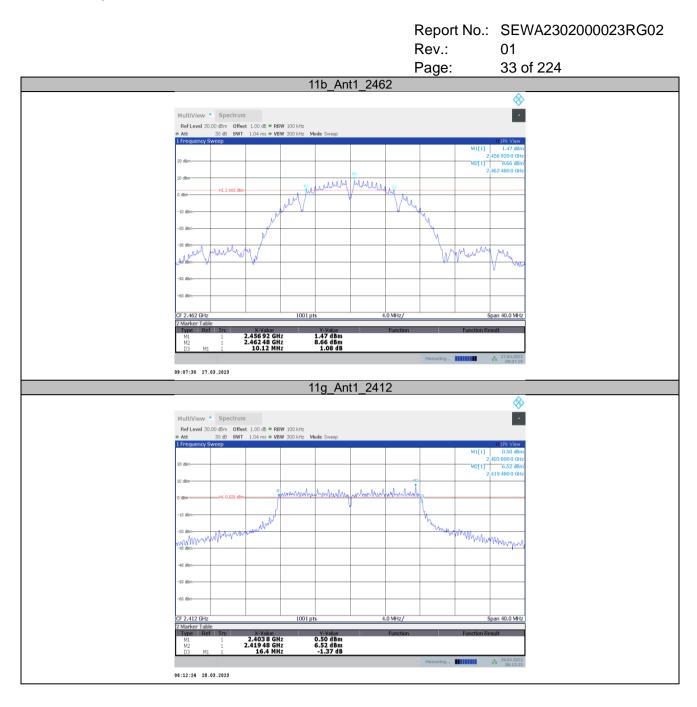


#### **Test Graphs**



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-and-Conditions</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 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 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 relatined for 30 days only. Aremandir 10 Decohards of Lesting fungection report & certificate, please contact us at itelephone: (86-755) 8307 1443, Aremandir 10 Decohards of Lesting fungection report & certificate, please contact us at the phone: (86-755) 8307 1443, Aremandir 10 Decohards of Lesting fungection report & certificate, please contact us at the phone: (86-755) 8307 1443, Aremandir 10 Decohards of the company is a state the sample (b) tested and such sample (b) are the sample (b) area to the sample (b) tested and such sample (b) area to the sample (b) area to an tester phone: (86-755) 8307 1443, Aremandir 10 Decohards of the sample (b) tested and sample (b) area to the sample (b) area to an tecohards of the sample (b) area to

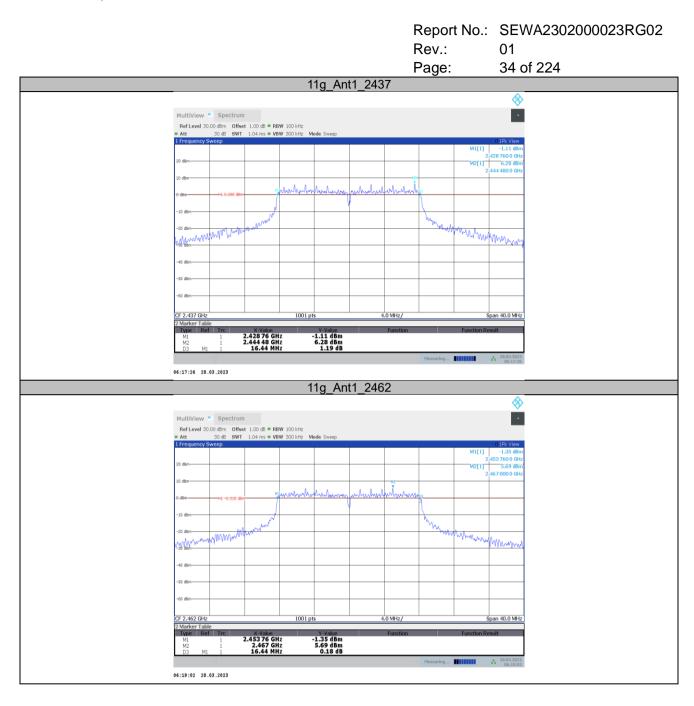
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Avea, China (Jangsu) Plot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润畦路1号约v号厂房南部 邮编: 215000





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification of the content or appearance of this document is unlawill and offenders may be prosecuted to the fullest extent of the law. Diress otherwise stated the results shown in this test report refer only to the sample(s) itested and such sample(s) are relatined for 30 days only. *Aremabil* 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443, *Aremabil*.

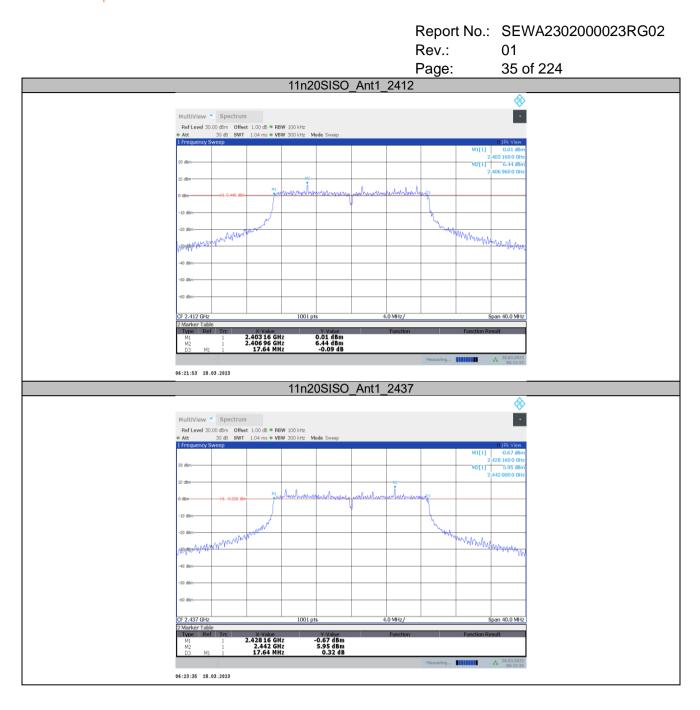
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Part, Suzhou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏路1号的6号厂房南部 邮编: 215000





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-and-Conditions</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 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification of the content or appearance of this document is unlawill 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) itseled and such sample(s) are relatined for 30 days only. Aremandir 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443, Aremandir 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443,

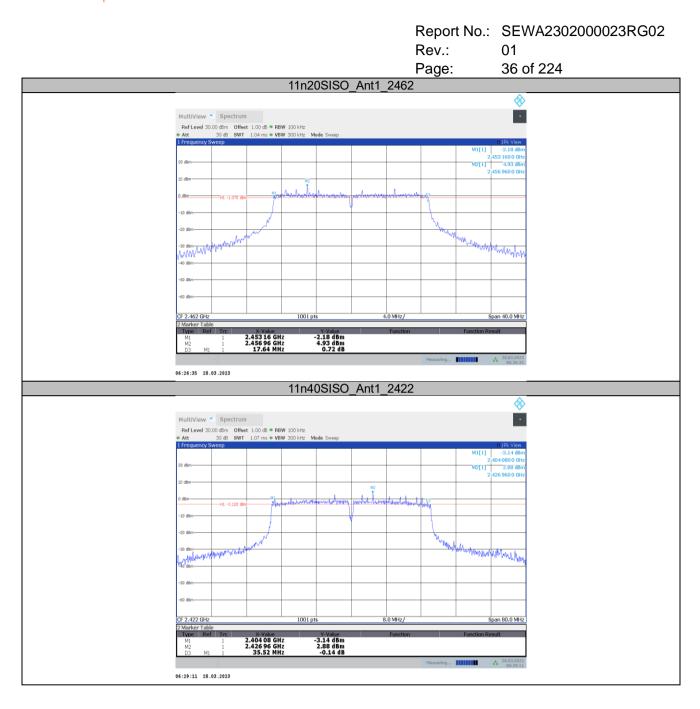
South of No. 6 Plant, No. 1, Runsheng Read, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone 215000 t 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业团区润脏路1号约6号厂房南部 邮编: 215000 t





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-and-Conditions</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 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification of the content or appearance of this document is unlawill 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) itseled and such sample(s) are relatined for 30 days only. Aremandir 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443, Aremandir 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443,

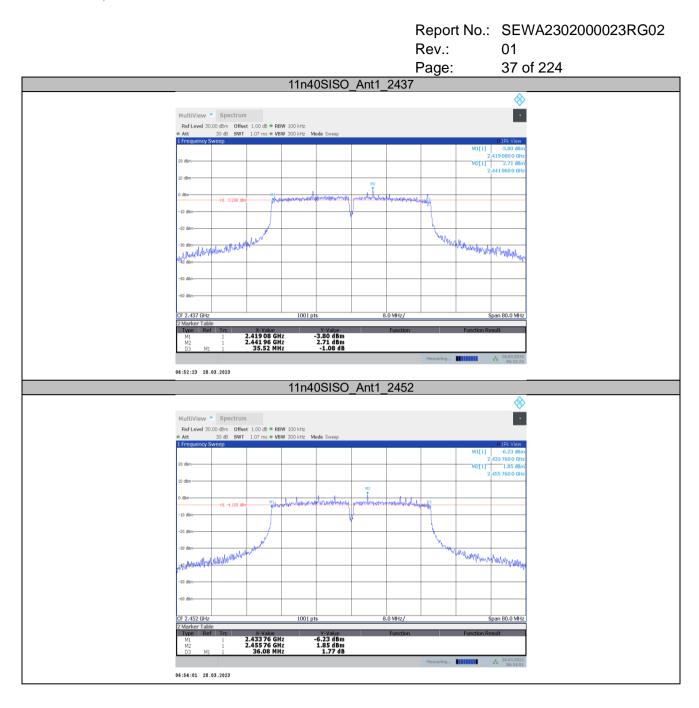
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Part, Suzhou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏路1号的6号厂房南部 邮编: 215000





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification of the content or appearance of this document is unlawill and offenders may be prosecuted to the fullest extent of the law. Diress otherwise stated the results shown in this test report refer only to the sample(s) itested and such sample(s) are relatined for 30 days only. *Aremabil* 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443, *Aremabil*.

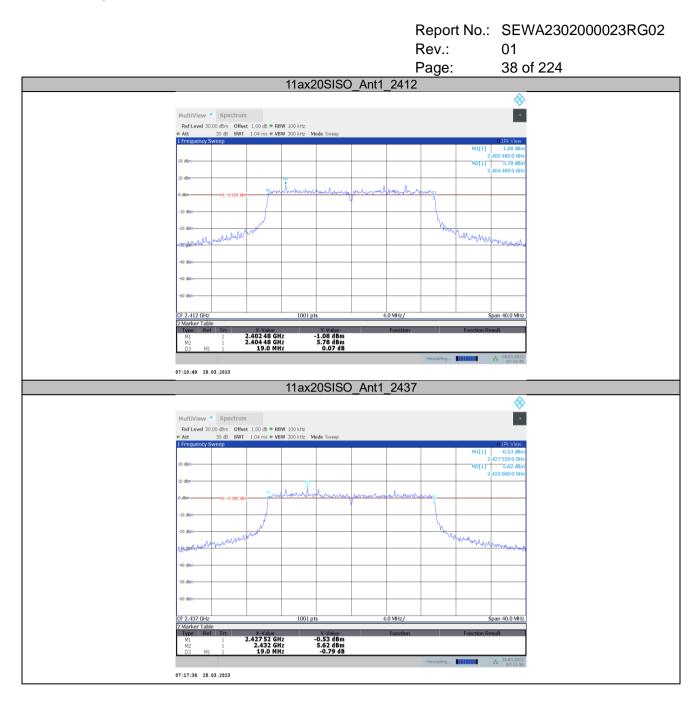
South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, Chine (Liangsu) Plot Free Trade Zone 215000 t 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏路号约%号厂房南部 邮编: 215000 t





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-and-Conditions</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 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification of the content or appearance of this document is unlawill 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) itseled and such sample(s) are relatined for 30 days only. Aremandir 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443, Aremandir 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443,

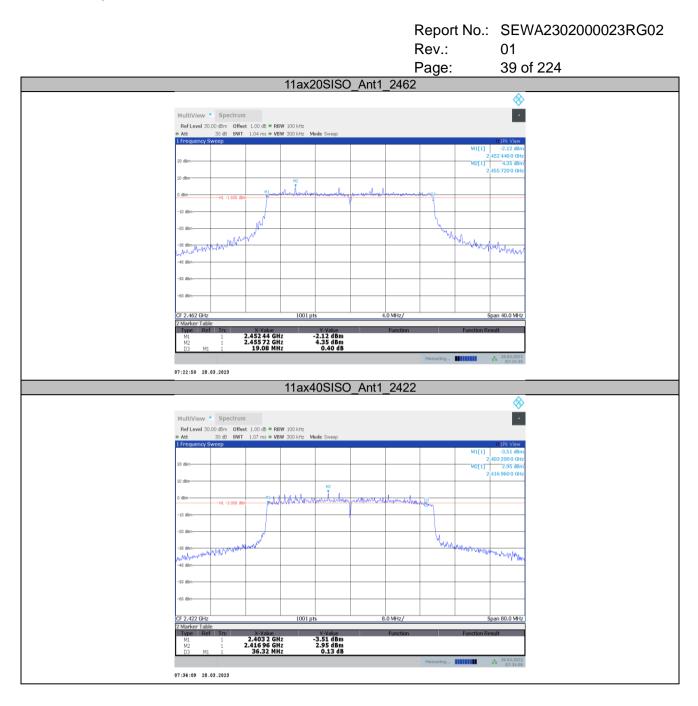
South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, Chine (Liangsu) Pitot Free Trade Zone 215000 ti 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区调胜路1号约6号厂房南部 邮编: 215000 ti





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification of the content or appearance of this document is unlawill and offenders may be prosecuted to the fullest extent of the law. Diress otherwise stated the results shown in this test report refer only to the sample(s) itested and such sample(s) are relatined for 30 days only. *Aremabil* 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443, *Aremabil*.

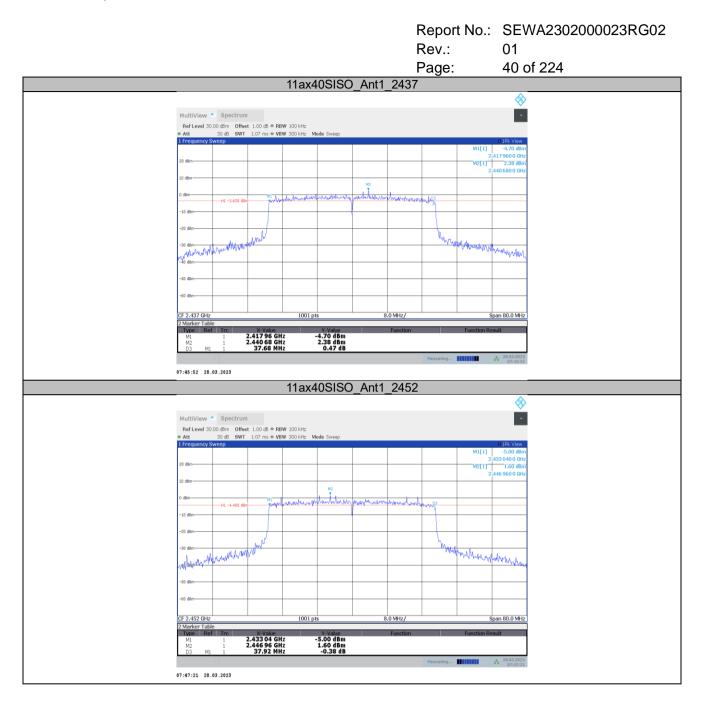
South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jangssi) Plot Free Trade Zone 215000 t 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区测能路1号约6号厂房南部 邮编: 215000 tt





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only.

South of No. 6 Plant, No. 1, Runsheng Read, Suzhou Industrial Park, Suzhou Area, Chine (Liangsu) Plot Free Trate Zone 215000 t 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏路号约%号厂房南部 邮编: 215000 t





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification of the content or appearance of this document is unlawill and offenders may be prosecuted to the fullest extent of the law. Diress otherwise stated the results shown in this test report refer only to the sample(s) itested and such sample(s) are relatined for 30 days only. *Aremabil* 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443, *Aremabil*.

South of No. 6 Plant, No. 1, Runsheng Read, Suchou Industrial Plant, Suchou Area, China (Liangsu) Plot Flee Trade Zone 215000 tt 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区调胜路1号的6号厂房南部 邮编: 215000 tt

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 41 of 224

#### Occupied Channel Bandwidth Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
		2412	14.838	2404.538	2419.376	
11b	Ant1	2437	14.84	2429.535	2444.375	
		2462	14.834	2454.532	2469.365	
		2412	18.343	2402.779	2421.122	
11g	Ant1	2437	18.298	2427.797	2446.095	
-		2462	18.129	2452.848	2470.977	
	Ant1	2412	18.784	2402.579	2421.363	
11n20SISO		2437	18.86	2427.540	2446.400	
		2462	18.775	2452.572	2471.347	Reporting
	Ant1	2422	37.078	2403.448	2440.526	only
11n40SISO		2437	36.896	2418.509	2455.405	
		2452	36.999	2433.509	2470.508	
	Ant1	2412	19.385	2402.303	2421.687	
11ax20SISO		2437	19.381	2427.267	2446.648	
		2462	19.336	2452.314	2471.651	
	Ant1	2422	38.215	2402.843	2441.058	1
11ax40SISO		2437	38.25	2417.794	2456.044	1
		2452	38.168	2432.836	2471.003	1



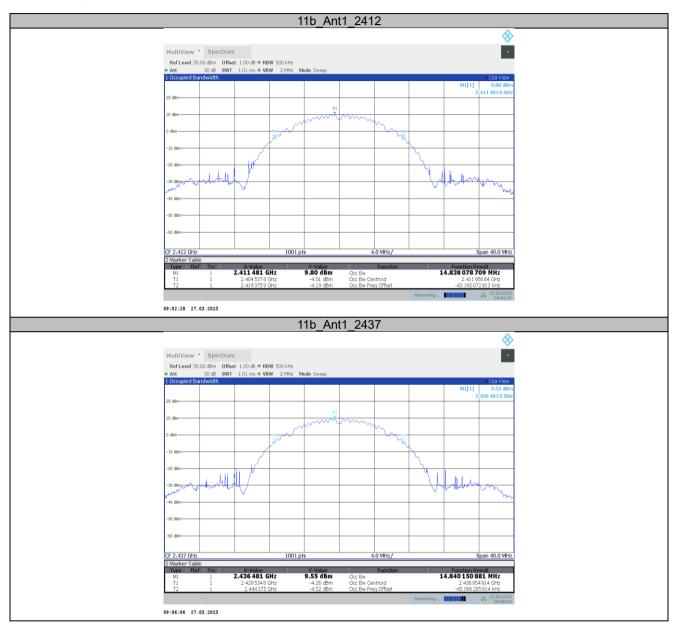
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, 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 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 unlawill 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) are related for 30 days only. *Aremandi* 10 Decoher barres and the timpsection report & certificate, please contact us at telephone: (86-75) 8307 1443, *Aremandi* 10 Decoher barres for the sample(s) in the sample(s) are related for 30 days only.

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Plant, Suzhou Area, Chine (Jiangsu) Plot Free Trade Zone 215000 tt () 中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业园区湖胜路1号的4号厂房南部 邮编: 215000 tt ()

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 42 of 224

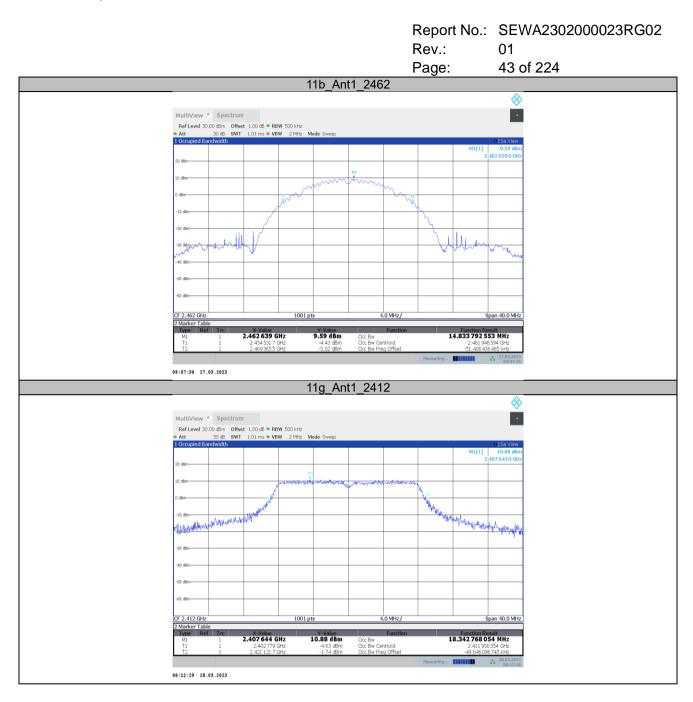


#### **Test Graphs**



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-and-Conditions</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 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 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 relatined for 30 days only. Aremandir 10 Decohards of Lesting fungection report & certificate, please contact us at itelephone: (86-755) 8307 1443, Aremandir 10 Decohards of Lesting fungection report & certificate, please contact us at the phone: (86-755) 8307 1443, Aremandir 10 Decohards of Lesting fungection report & certificate, please contact us at the phone: (86-755) 8307 1443, Aremandir 10 Decohards of the company is a state the sample (b) tested and such sample (b) are the sample (b) area to the sample (b) tested and such sample (b) area to the sample (b) area to an tester phone: (86-755) 8307 1443, Aremandir 10 Decohards of the sample (b) tested and sample (b) area to the sample (b) area to an tecohards of the sample (b) area to

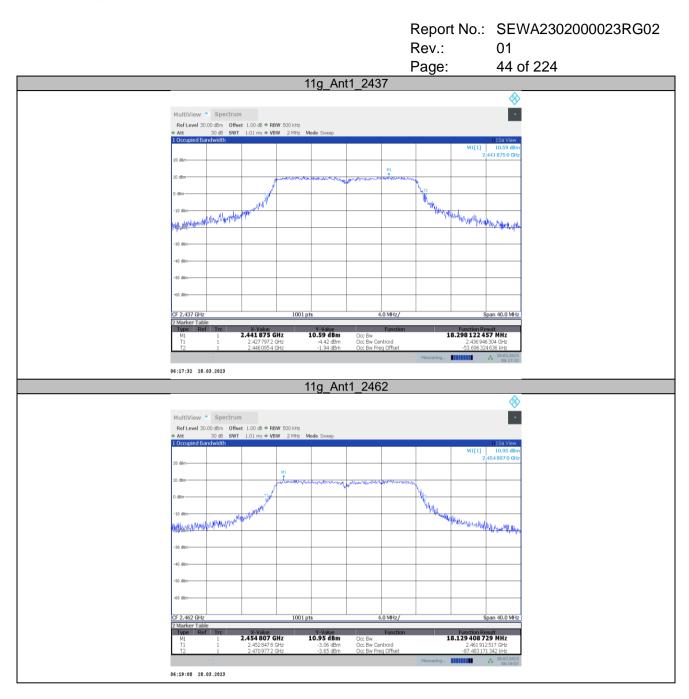
Southur Na. 5 Plant, Ma. 1, Rundsmang Road, Studhou Holdshilla Plant, Studhou Area, Chine (Liangou) Plant Fiee Trade Zone 21,5000 t (86-中国 - 苏州 - 中国 (江苏)自由貿易這些区苏州に区苏州工业団区洞維路/号約6号厂房南部 郎塢: 21,5000 t (86-





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

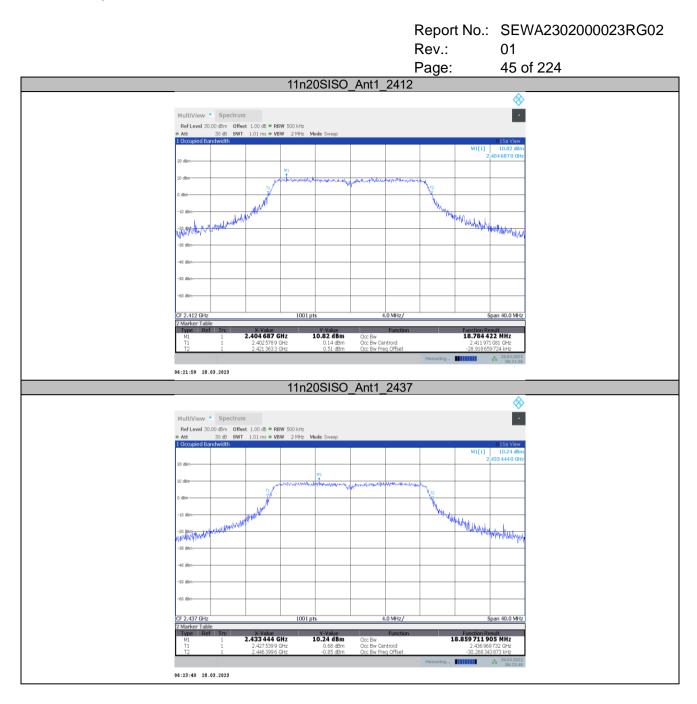
South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jangsu) Pikh Firee Trade Zone 215000 t (86 中国 - 苏州 - 中国 (江苏) 自由現場试验区苏州片区苏州工业国区润胜着1号的6号厂房南部 単编: 215000 t (86





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

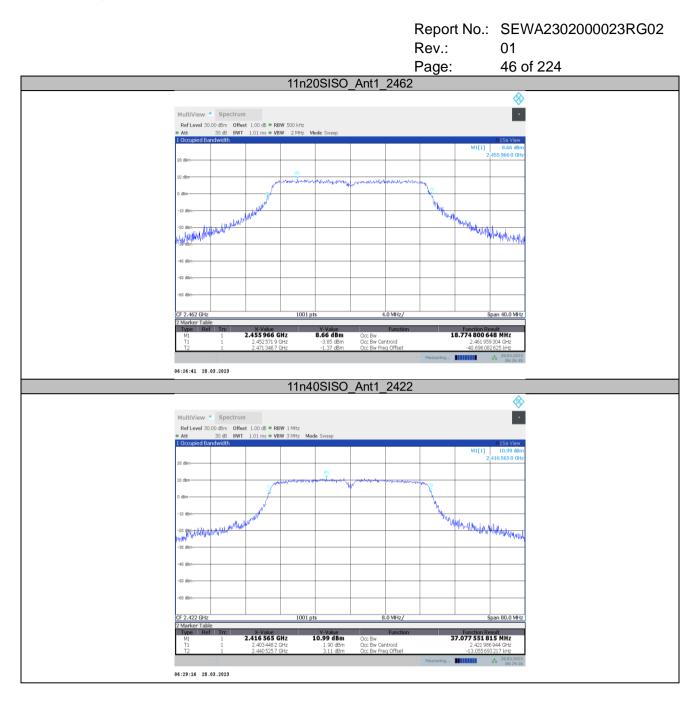
South of No. 5 Plant, No. 1, Runsheng Road, Suchou Industriai Park, Suchou Area, China (Jangsu) Pikol Fiee Trade Zone 215000 t (8) 中国 - 苏州 - 中国(江苏)自由現場試验区苏州片区苏州工业国区润脏器1号的5号厂房南部 単編: 215000 t (8)





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

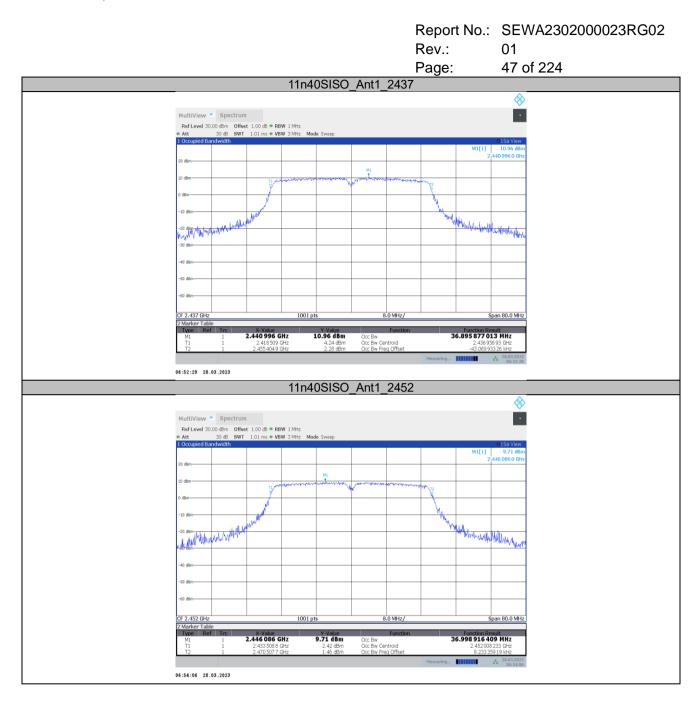
SouthorNo.6 Plant. Mo.1, Runsheng Road, Suzhou Industrial Plant, Suzhou Avea, Chine (Jaingsu) Plot Free Trade Zone 215000 t (86-中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区测胜器1号约v号厂房南部 邮编: 215000 t (86-





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

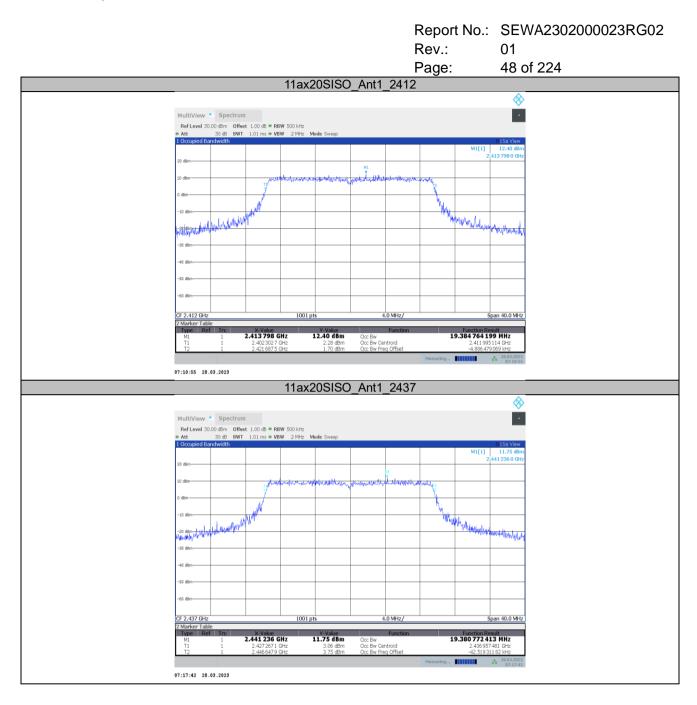
South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jangsai) Plat Free Trade Zone 215000 t (86 中国 - 苏州 - 中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号約6月78 局部 卸線: 215000 t (86





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

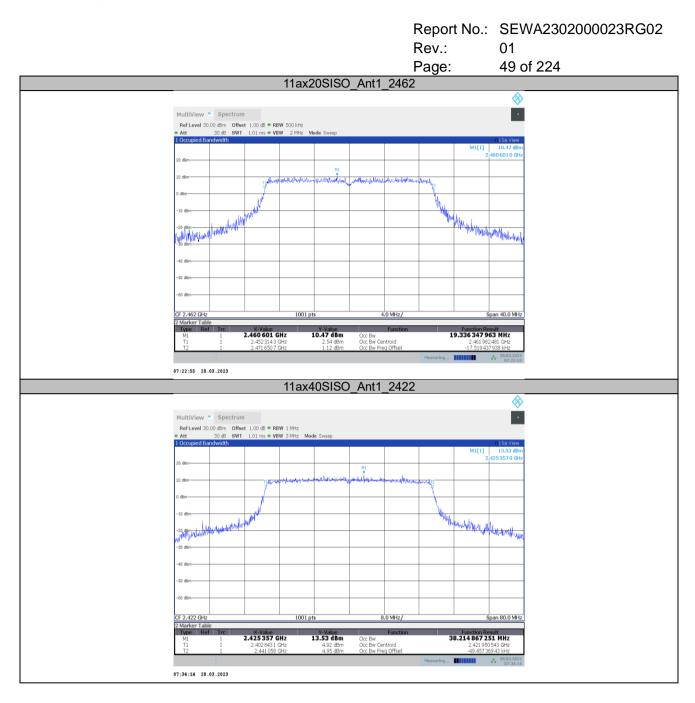
South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industria Park, Suchou Area, Chine (Jangsu) Pliot Firee Trade Zone 215000 t (86-512) 62992980 中国 - 苏州 - 中国 (江苏) 自由現場试验区苏州片区苏州工业屋区消胜着1号約5号厂房南部 単編: 215000 t (86-512) 62992980





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification of the content or appearance of this document is unlawill and offenders may be prosecuted to the fullest extent of the law. Diress otherwise stated the results shown in this test report refer only to the sample(s) itested and such sample(s) are relatined for 30 days only. *Aremabil* 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443, *Aremabil*.

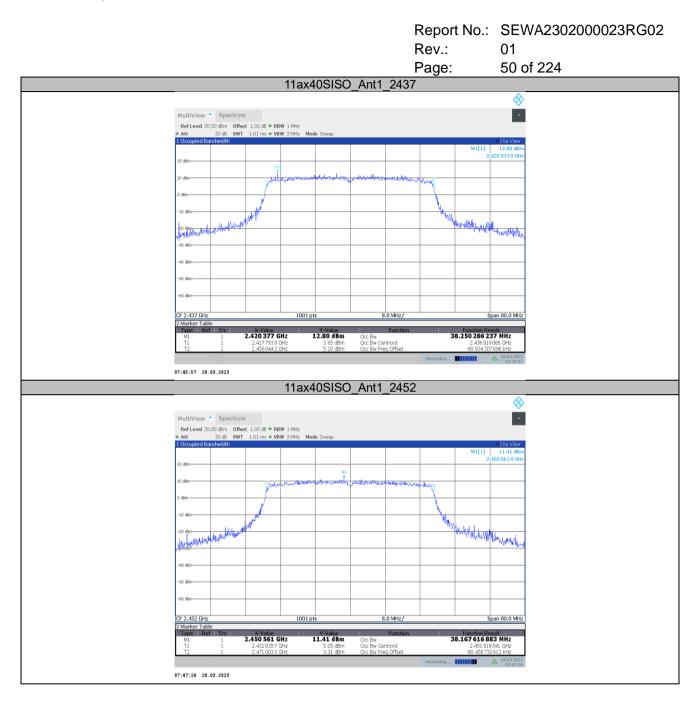
South of No. 6 Plant, No. 1, Runsheng Road, Studiou Industrial Park, Studiou Area, Chira (Jangsu) Pliot Fiee Trade Zone 215000 t (86-512) 62992980 中国 - 苏州 - 中国 (江苏) 自由現場試验区苏州片区苏州工业屋区消胜着1号的5号厂房南部 単編: 215000 t (86-512) 62992980





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industria Park, Suchou Area, Chine (Jangsu) Pliot Firee Trade Zone 215000 t (86-512) 62992980 中国 - 苏州 - 中国 (江苏) 自由現場试验区苏州片区苏州工业屋区消胜着1号約5号厂房南部 単編: 215000 t (86-512) 62992980





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.aspx</u> and, for electronic format documents, 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 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 unlawill 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) are related for 30 days only. *Aremandi* 10 Decoher barres and the timpsection report & certificate, please contact us at telephone: (86-75) 8307 1443, *Aremandi* 10 Decoher barres for the sample(s) in the sample(s) are related for 30 days only.

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jangsai) Plat Free Tarde Zone 215000 t (86 中国 - 苏州 - 中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号約6月78 局部 卸線: 215000 t (86

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 51 of 224

#### Maximum conducted output power Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
	Ant1	2412	20.51	≤30.00	PASS
11b		2437	20.13	≤30.00	PASS
		2462	20.10	≤30.00	PASS
		2412	23.53	≤30.00	PASS
11g	Ant1	2437	23.21	≤30.00	PASS
-		2462	23.32	≤30.00	PASS
	Ant1	2412	22.89	≤30.00	PASS
11n20SISO		2437	22.58	≤30.00	PASS
		2462	22.49	≤30.00	PASS
	Ant1	2422	22.03	≤30.00	PASS
11n40SISO		2437	21.98	≤30.00	PASS
		2452	21.82	≤30.00	PASS
	Ant1	2412	23.13	≤30.00	PASS
11ax20SISO		2437	23.12	≤30.00	PASS
		2462	23.03	≤30.00	PASS
	Ant1	2422	22.56	≤30.00	PASS
11ax40SISO		2437	22.43	≤30.00	PASS
		2452	22.29	≤30.00	PASS

#### Test Result Peak for AX Part RU

Test Mode	Antenna	Frequency[MHz]	Ru Size	Ru Index	Peak Powert[dBm]	Conducted Limit[dBm]	Verdict	
	Ant1	2412	26Tone	RU0	23.00	≤30.00	PASS	
			52Tone	RU37	22.94	≤30.00	PASS	
			106Tone	RU53	22.94	≤30.00	PASS	
		2437	26Tone	RU4	23.03	≤30.00	PASS	
11ax20SISO			52Tone	RU38	22.99	≤30.00	PASS	
			106Tone	RU53	23.06	≤30.00	PASS	
		2462	26Tone	RU8	22.95	≤30.00	PASS	
			52Tone	RU40	22.80	≤30.00	PASS	
			106Tone	RU54	22.86	≤30.00	PASS	
11ax40SISO	Ant1		2422	242Tone	RU61	22.24	≤30.00	PASS
		2437	242Tone	RU61	22.22	≤30.00	PASS	
			2452	242Tone	RU62	22.15	≤30.00	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 <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.aspx</u> and, for electronic format documents, 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 unlawfull 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) itested and such sample(s) are relatined for 30 days only. Attention: Desch Handerson of Jesting inspection report à certificate, please contact us at telehome: (86-75) 8307 1443, Attention: Desch Handerson (90 testing inspection report à certificate, please contact us at telehome: (86-75) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区湖胜路1号约6号厂房南部 邮编: 215000

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 52 of 224

#### Maximum power spectral density Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
		2412	-3.40	≤8.00	PASS
11b	Ant1	2437	-3.22	≤8.00	PASS
		2462	-4.52	≤8.00	PASS
		2412	-10.90	≤8.00	PASS
11g	Ant1	2437	-11.24	≤8.00	PASS
		2462	-11.83	≤8.00	PASS
	Ant1	2412	-10.94	≤8.00	PASS
11n20SISO		2437	-10.95	≤8.00	PASS
		2462	-11.23	≤8.00	PASS
	Ant1	2422	-15.63	≤8.00	PASS
11n40SISO		2437	-15.10	≤8.00	PASS
		2452	-16.51	≤8.00	PASS
		2412	-10.02	≤8.00	PASS
11ax20SISO	Ant1	2437	-11.78	≤8.00	PASS
		2462	-12.06	≤8.00	PASS
	Ant1	2422	-14.72	≤8.00	PASS
11ax40SISO		2437	-14.92	≤8.00	PASS
		2452	-16.06	≤8.00	PASS

#### Test Result for AX Part RU

TestMode	Antenna	Frequency[MHz]	RuSize	RuIndex	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
	Ant1	2412	26Tone	RU0	-3.59	≤8.00	PASS
			52Tone	RU37	-3.86	≤8.00	PASS
			106Tone	RU53	-8.30	≤8.00	PASS
		2437	26Tone	RU4	-3.83	≤8.00	PASS
11ax20SISO			52Tone	RU38	-5.64	≤8.00	PASS
			106Tone	RU53	-7.63	≤8.00	PASS
		2462	26Tone	RU8	-5.03	≤8.00	PASS
			52Tone	RU40	-6.30	≤8.00	PASS
			106Tone	RU54	-8.56	≤8.00	PASS
11ax40SISO	Ant1	2422	242Tone	RU61	-11.95	≤8.00	PASS
		2437	242Tone	RU61	-11.00	≤8.00	PASS
		2452	242Tone	RU62	-11.82	≤8.00	PASS



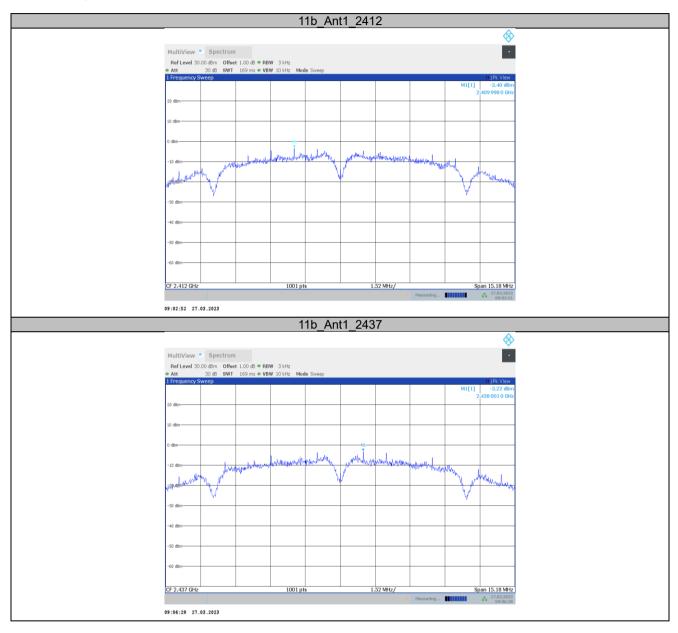
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, 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 unlawfull 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) itested and such sample(s) are relatined for 30 days only. Attention: Desch Handerson of Jesting inspection report à certificate, please contact us at telehome: (86-75) 8307 1443, Attention: Desch Handerson (90 testing inspection report à certificate, please contact us at telehome: (86-75) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区湖胜路1号约6号厂房南部 邮编: 215000

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 53 of 224



#### **Test Graphs**



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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification of the content or appearance of this document is unlawill and offenders may be prosecuted to the fullest extent of the law. Diress otherwise stated the results shown in this test report refer only to the sample(s) itested and such sample(s) are relatined for 30 days only. *Aremabil* 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443, *Aremabil*.

South of No. 6 Plant, No. 1, Runsheng Road, Stadou Industria Park, Stadou Area, Chine (Jangsu) Pilot Fiee Trade Zone 215000 t (86-512) 62992980 中国 - 苏州 - 中国 (江苏) 自由貿易試验区苏州片区苏州工业园区消胜着1号的6号厂房南部 邮集: 215000 t (86-512) 62992980

www.sgsgroup.com.cn

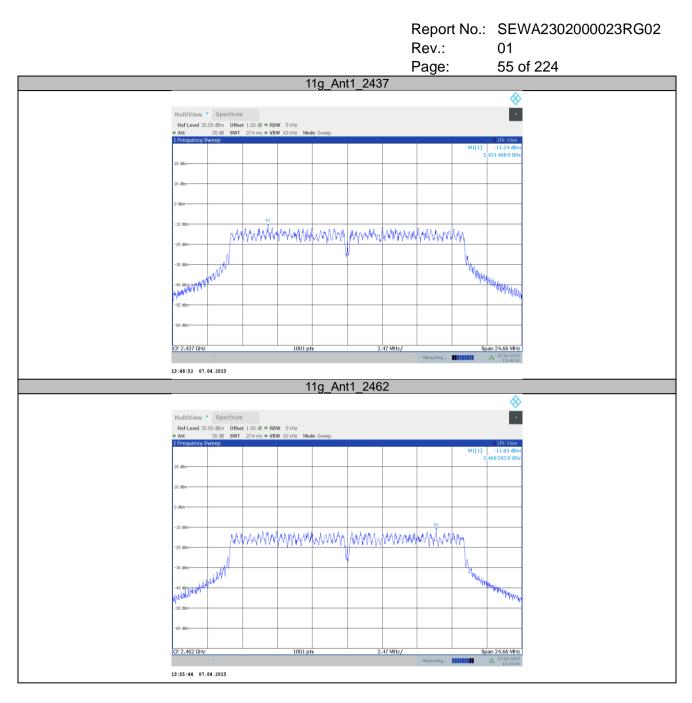
sgs.china@sgs.com





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

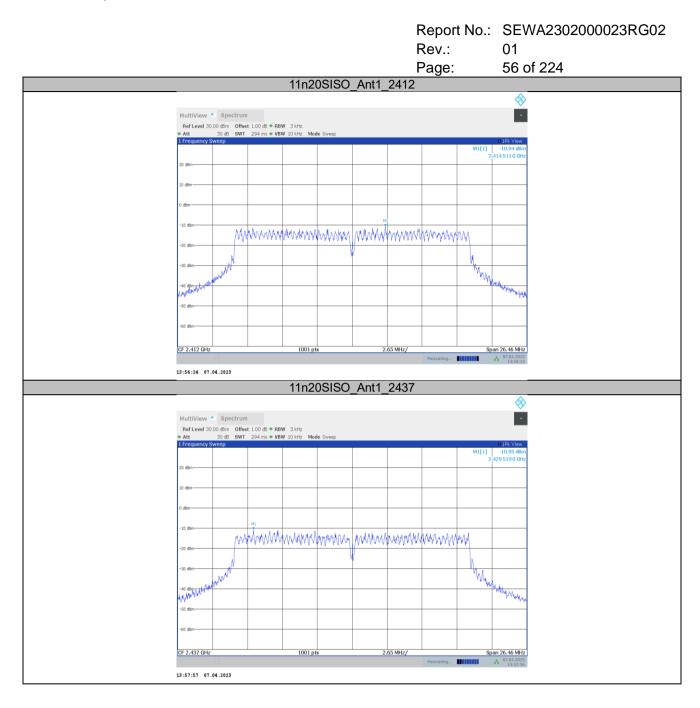
SouthorNo.6 Plant, No.1, Runsheng Road, Suchou Industria Plank, Suchou Area, China (Liangou) Pito Fines Tande Zone 215000 tt (8 中国 - 苏州 - 中国(江苏)自由現場試验区苏州片区苏州工业団区润脏商に号的5号厂房南部 戦場: 215000 tt (8





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

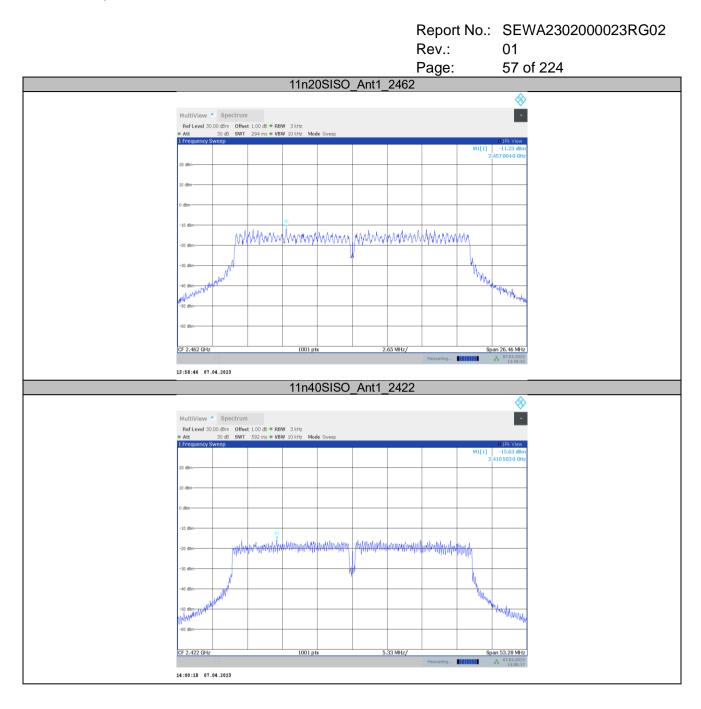
SouthorNo.6 Plant, No.1, Ransheng Road, Suchou holustrial Plant, Suchou Area, Chine (Langsu) Plot Free Trade Zone 215000 tt (8 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏商1号的6号厂房南部 邮编: 215000 tt (8





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

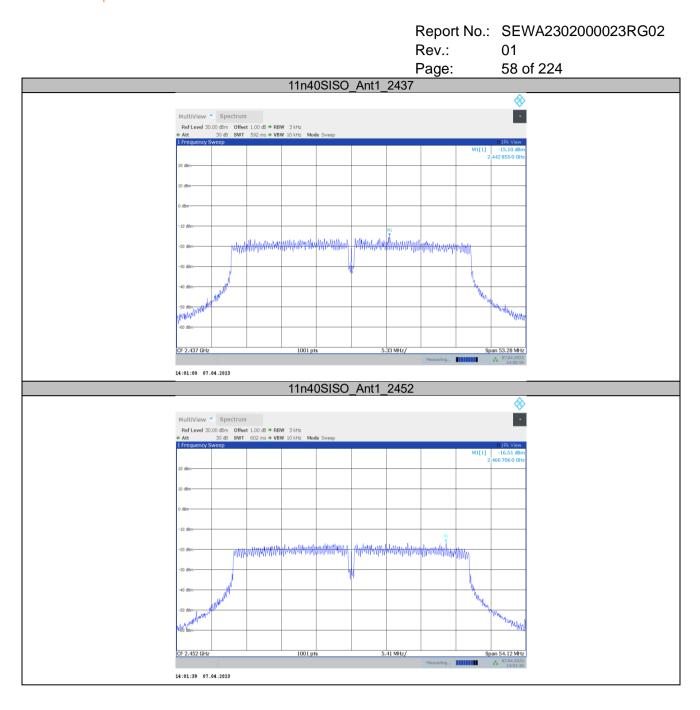
South of No. 5 Plant, No. 1, Runsheng Road, Suchou Industria Park, Suchou Area, Chira (Jangsu) Pilot Fiee Trade Zone 215000 t (84 中国 - 苏州 - 中国 (江苏) 自由現場試验区苏州片区苏州工业国区洞脏商1号的5号厂房南部 単編: 215000 t (84





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

South of No. 5 Plant, No. 1, Runsheng Road, Studiou Industria Plant, Studiou Area, China (Jangsu) Plikl Free Trade Zone 215000 t (86-512) 62992980 中国 - 苏州 - 中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜着1号的6号厂房南部 邮编: 215000 t (86-512) 62992980





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-and-Conditions</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 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification of the content or appearance of this document is unlawill 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) itseled and such sample(s) are relatined for 30 days only. Aremandir 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443, Aremandir 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443,

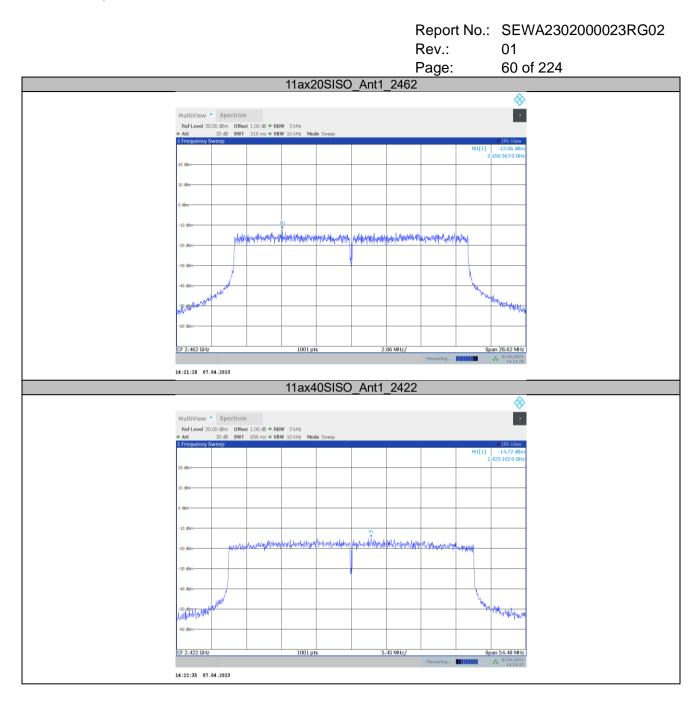
Southur No. 6 Plant, Mo. 1, Runsheng Road, Suntou Hudaria Park, Suntou Area, China (Jiangsu) Plut Free Trade Zone 215000 t (86-中国 - 苏州 - 中国 (江苏)自由貿易減量区苏州片区苏州工业園区測量器1号約6月7度南部 邮编: 215000 t (86-





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

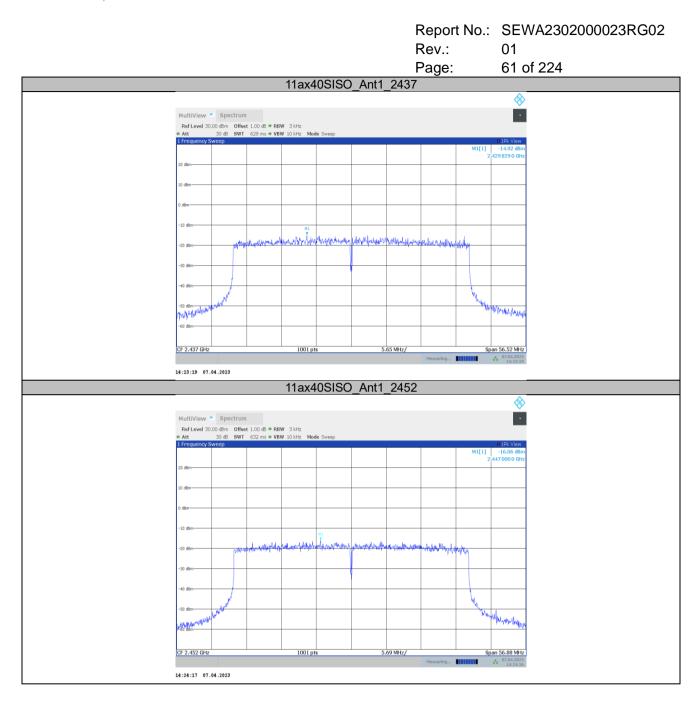
SouthorNo.6 Plant, No.1, Ransheng Road, Suchou houtshial Plant, Suchou Area, Chine (Jangsu) Plot Firee Trade Zone 215000 tt (6 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏路1号的6号厂房商部 戦場: 215000 tt (6





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

South of No. 5 Plant, No. 1, Runsheng Road, Studiou Industria Plant, Studiou Area, China (Jangsu) Plikl Free Trade Zone 215000 t (86-512) 62992980 中国 - 苏州 - 中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜着1号的6号厂房南部 邮编: 215000 t (86-512) 62992980





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-and-Conditions</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 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification of the content or appearance of this document is unlawill 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) itseled and such sample(s) are relatined for 30 days only. Aremandir 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443, Aremandir 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443,

SouthorNo.6 Plant, No.1, Runsheng Road, Suchou Industria Plank, Suchou Area, China (Liangou) Pito Fines Tande Zone 215000 tt (8 中国 - 苏州 - 中国(江苏)自由現場試验区苏州片区苏州工业団区润脏商に号的5号厂房南部 戦場: 215000 tt (8

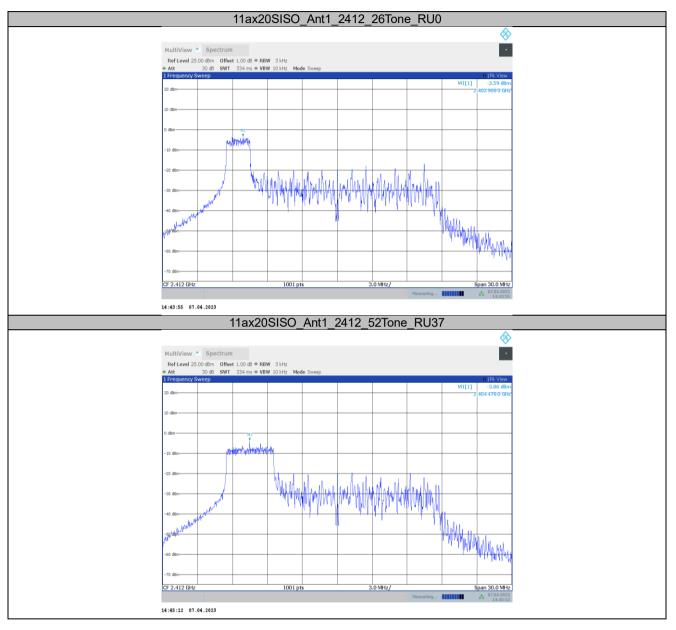


 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 62 of 224

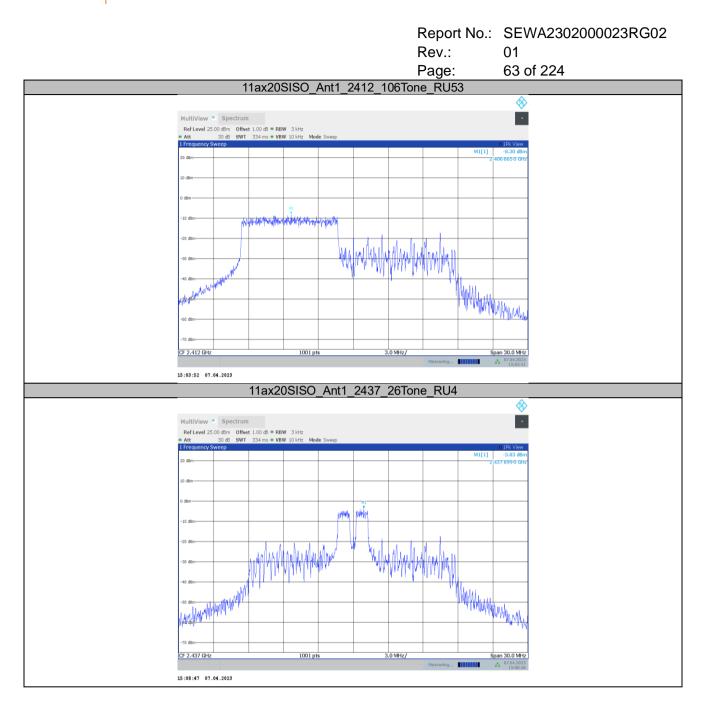






 Southort No. 6 Plant, No. 1, Runsheng Road, Suchou holustrial Plant, Suchou Area, Chine Jiangsu) Plot Free Trade Zone 215000
 t (86-51

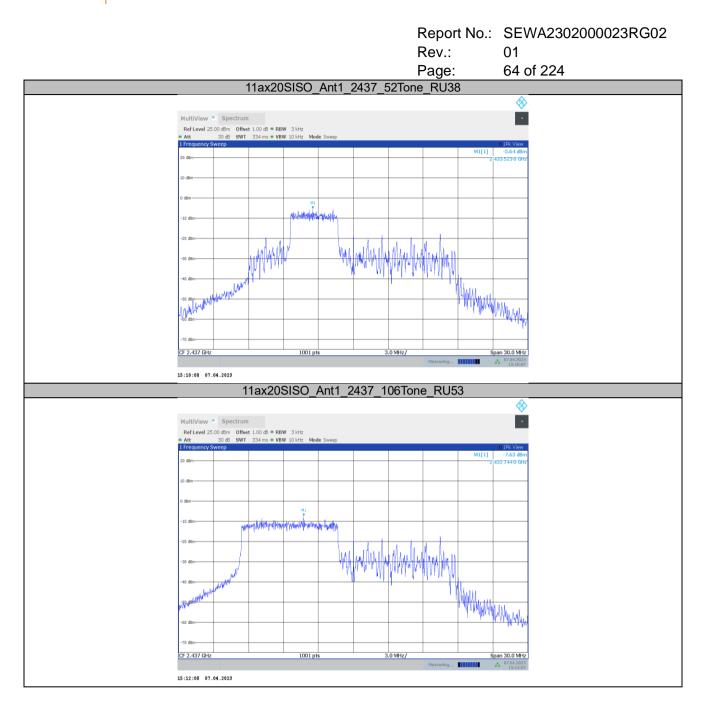
 中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业园区消胜路1号的6号厂房商部
 申集: 215000
 t (86-51





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.aspx</u> and, for electronic format documents, 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 alleration, forgery or falsification of the content or appearance of this document is unlawfull 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) itested and such sample(s) are relained for 30 days only. *Attemption: Descharted and the Descharted and the Descharted and the Descharted and the Barcehore*. (86-75) 8307 1443, *Attemption: Descharted and the sample(s)* itested and such sample(s) theses contact us at telephone: (86-75) 8307 1443,

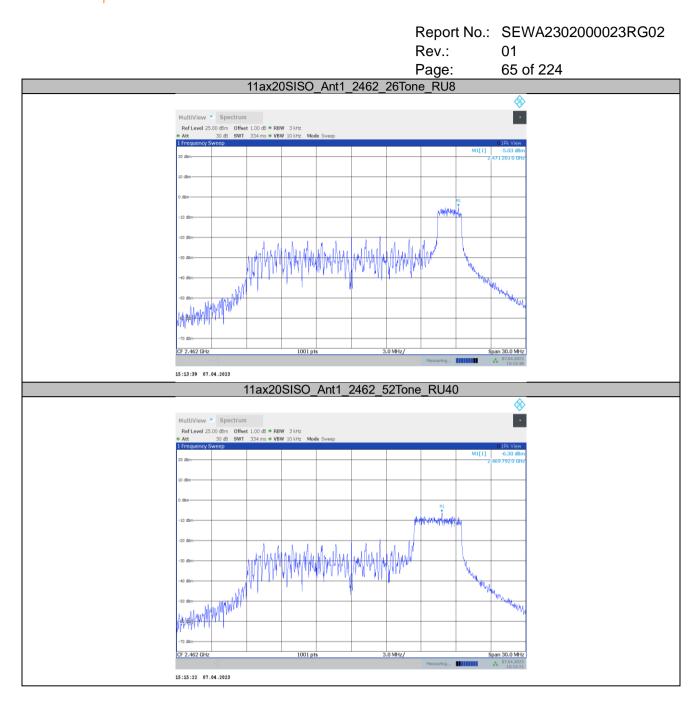
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou hudushial Plant, Suzhou Area, Chine (Langsu) Plot Free Trade Zone 215000 tt () 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业国区混胜路(号約4号厂房南部 邮编: 215000 tt ()





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.aspx</u> and, for electronic format documents, 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 unlawfull 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) itested and such sample(s) are relatined for 30 days only. Attention: Desch Handerson of Jesting inspection report à certificate, please contact us at telehome: (86-75) 8307 1443, Attention: Desch Handerson (90 testing inspection report à certificate, please contact us at telehome: (86-75) 8307 1443,

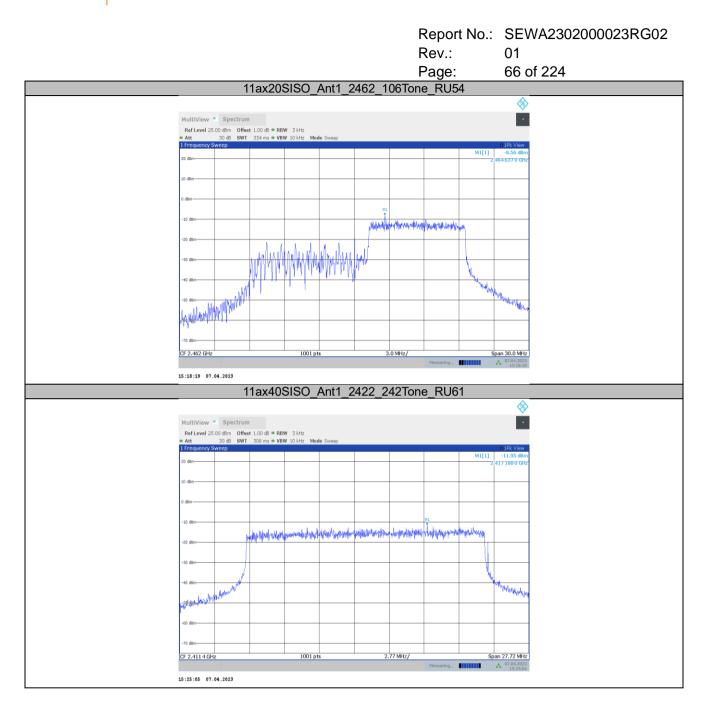
South of No. 6 Plant, No. 1, Runsheng Road, Stadow Industria Park, Stadow Area, China (Jangsu) Pliot Firee Trade Zone 215000 t (86 中国 - 苏州 - 中国 (江苏) 自由現場試验区苏州片区苏州工业屋区消胜着1号的6号厂房南部 単編: 215000 t (86





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.aspx</u> and, for electronic format documents, 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 unlawfull 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) itested and such sample(s) are relatined for 30 days only. Attention: Desch Handerson of Jesting inspection report à certificate, please contact us at telehome: (86-75) 8307 1443, Attention: Desch Handerson (90 testing inspection report à certificate, please contact us at telehome: (86-75) 8307 1443,

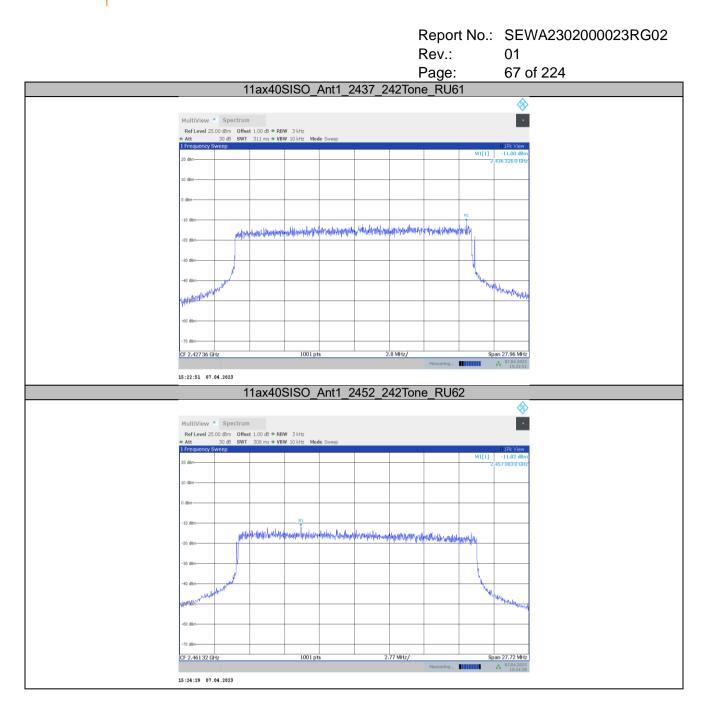
South of No. 5 Plant, No. 1, Runsheng Road, Suchou Industriai Park, Suchou Area, China (Jangsu) Pikol Fiee Trade Zone 215000 t (8) 中国 - 苏州 - 中国(江苏)自由現場試验区苏州片区苏州工业国区润脏器1号的5号厂房南部 単編: 215000 t (8)





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

South of No. 6 Plant, No. 1, Runsheng Road, Suchou houtsnite Plant, Suchou Area, Ohine (Jiangsu) Plot Firee Trade Zone 215000 t (後 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业国区润胜路1号的4号厂房南部 単编: 215000 t (後





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

Southur Na. 5 Plant, Ma. 1, Rundsmang Road, Studhou Holdshilla Plant, Studhou Alea, Chine (Liangou) Plant Fiee Trade Zone 21,5000 t (86-中国 - 苏州 - 中国 (江苏)自由貿易這些区苏州に区苏州工业団区洞維路/号約6号厂房南部 郎塢: 21,5000 t (86-

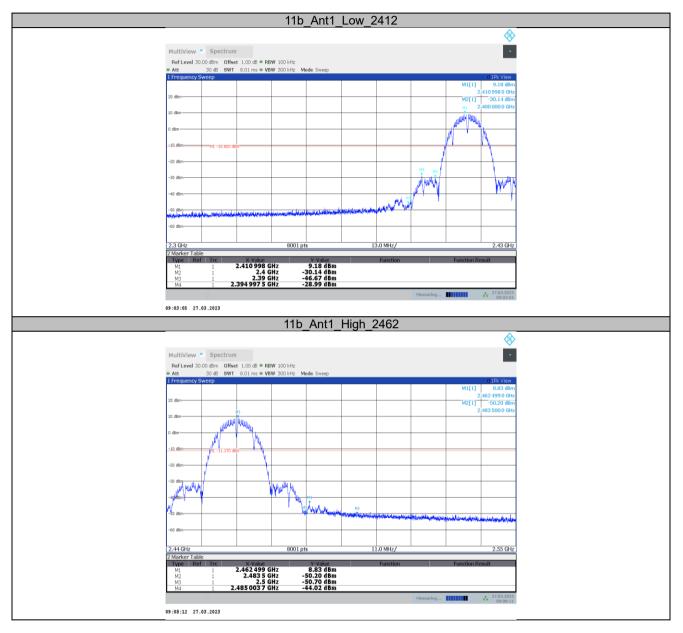
 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 68 of 224

#### Band edge measurements

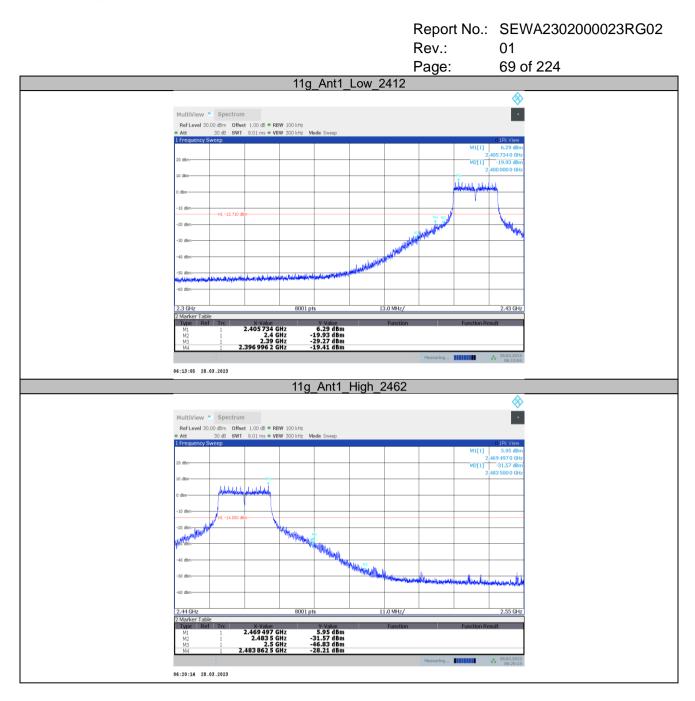
**Test Graphs** 





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-and-Conditions</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 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 unlawfull 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 relatined for 30 days only. Attention: Depechders of testing fingeroft a certificate, please contact us at itelephone: (86-755) 8307 1443, Attention: Depechders.

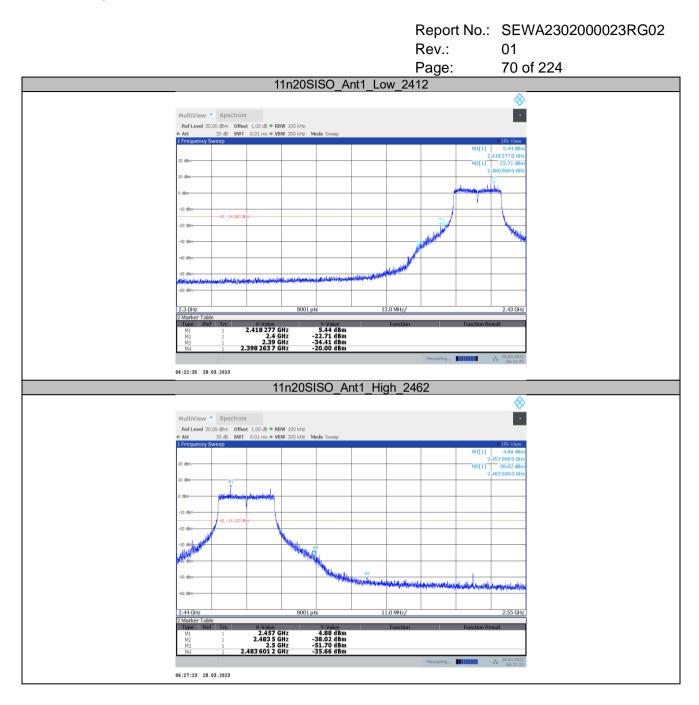
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification of the content or appearance of this document is unlawill and offenders may be prosecuted to the fullest extent of the law. Diress otherwise stated the results shown in this test report refer only to the sample(s) itested and such sample(s) are relatined for 30 days only. *Aremabil* 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443, *Aremabil*.

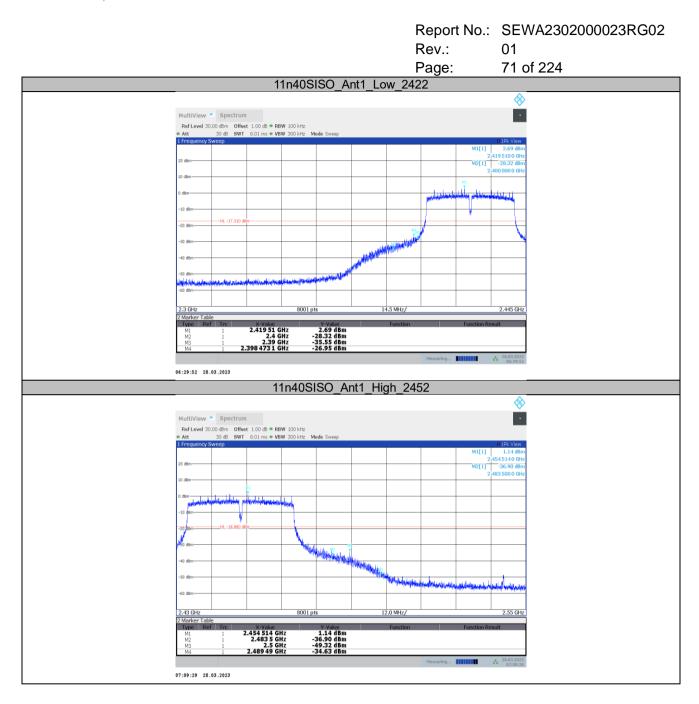
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, Chine (Liangsu) Plot Free Trade Zone 215000 中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业园区漫胜路1号的4号厂房南部 邮编: 215000





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

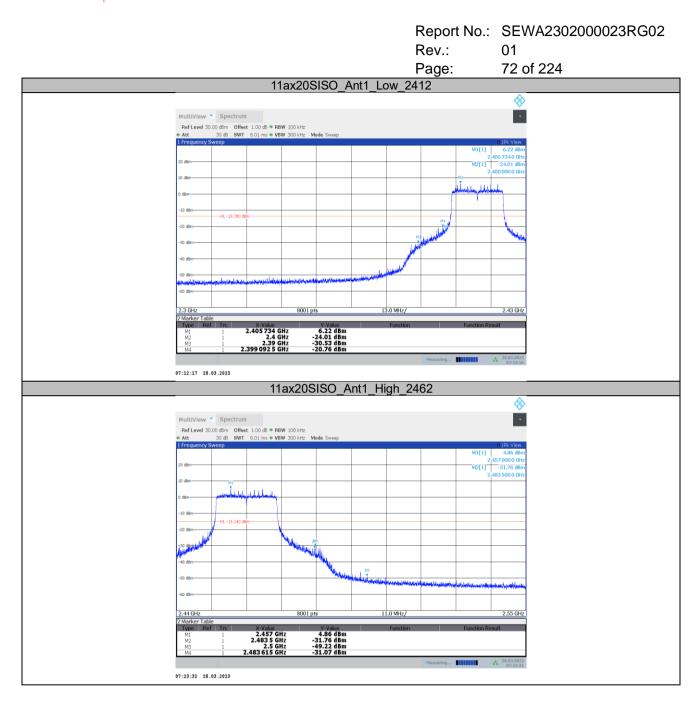
South of No. 6 Planti, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jangsu) Plot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业团区润脏路1号的6号厂房南部 邮编: 215000





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

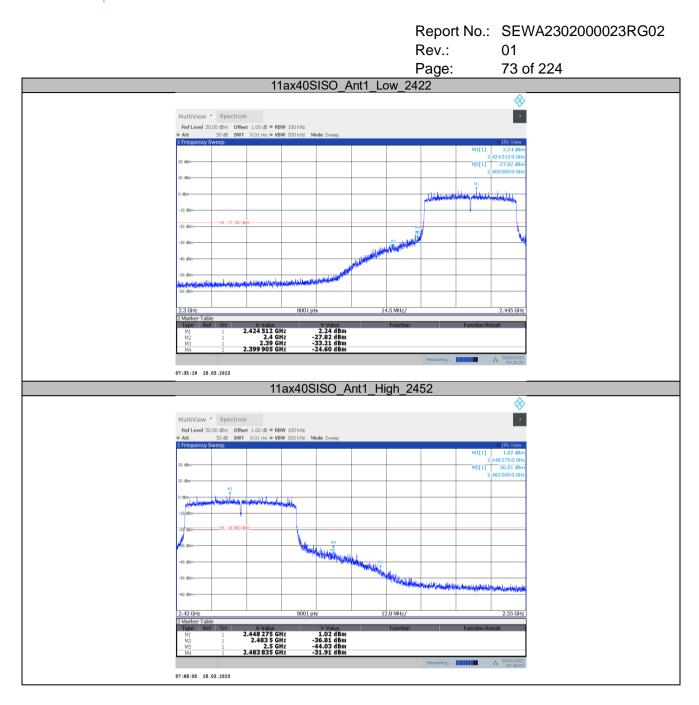
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Part, Suzhou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏路1号的6号厂房南部 邮编: 215000





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jangsu) Plot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏路1号的6号厂房南部 邮编: 215000





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.aspx</u> and, for electronic format documents, 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alleration, forgery or falsification of the content or appearance of this document is unlawill 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) lested and such sample(s) are relained for 30 days only. *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the Sample(s) lested and such sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and such sample(s) areas contact us at leiophone: (86-75) 8307 1443, *Ar* 

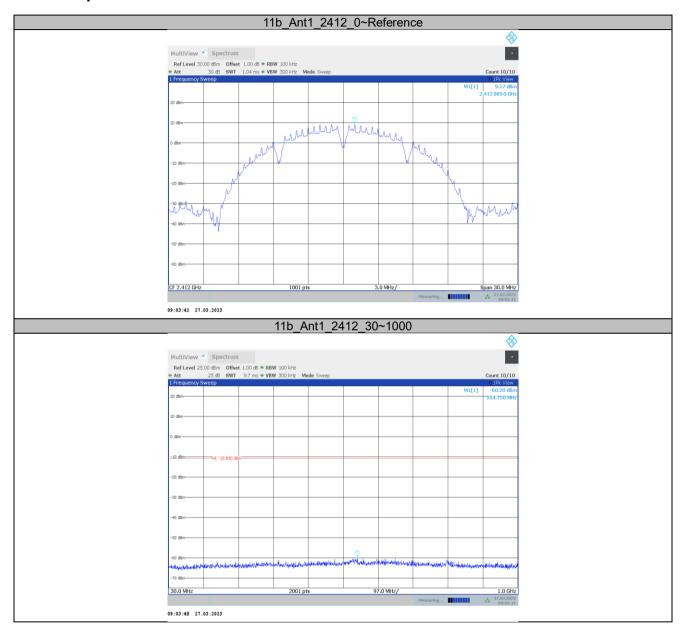
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Part, Suzhou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏路1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWA2302000023RG02

 Rev.:
 01

 Page:
 74 of 224

#### Conducted Spurious Emission Test Graphs





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.aspx</u> and, for electronic format documents, 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 unlawfull 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) itested and such sample(s) are relatined for 30 days only. Attention: Desch Handerson of Jesting inspection report à certificate, please contact us at telehome: (86-75) 8307 1443, Attention: Desch Handerson (90 testing inspection report à certificate, please contact us at telehome: (86-75) 8307 1443,

 South of No. 6 Plant, No. 1, Runsheng Road, Suchou houssinia Plant, Suchou Area, Onine Liangsui Plot Fines Trade Zone 2150000
 t (86-5<sup>-</sup>

 中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏路1号的4号厂房商部 単第: 215000
 t (86-5<sup>-</sup>