Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 1 of 103

TEST REPORT

Application No.:	SEWM2212000309RG
Applicant:	Sony Corporation
Address of Applicant:	1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan
Manufacturer:	Sony Corporation
Address of Manufacturer:	1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan
EUT Description:	GSM/WCDMA/LTE Phone with BT, DTS/UNII a/b/g/n/ac, NFC and GNSS
Trade Mark:	Sony
FCC ID:	PY7-97087H
Standards:	FCC 47 CFR Part 2, Subpart J
	FCC 47 CFR Part 15, Subpart C
Date of Receipt:	2022/11/30
Date of Test:	2022/12/26 to 2023/01/10 (for original report SEWM2212000308RG02)
	2022/12/26 to 2023/01/10 (for new report SEWM2212000309RG02)
Date of Issue:	2023/03/16
Test Result :	PASS *

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

Authorized Signature:

Sun

Panta Sun Wireless Laboratory Manager



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.sgpx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.sgpx 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 is arranaction from exercising all their rights and obligations under the transaction drogery or faisification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fulles 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: CNL.Doccheck@ags.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Indushial 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/ド区苏州工业园区消胜路1号的4号厂房南都 邮编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 2 of 103

1 Version

Version	Chapter	Date	Remark	
01		2023/02/24		Original
02		2023/03/16		 Added variant model and parent model data reference description. 2.Updated the data of spot check

hereby deemed null and void.

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 <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, 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上区苏州工业园区湖胜路1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 3 of 103

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 4.3	PASS
Conducted Peak Output Power	15.247 (b)(1)	ANSI C63.10 (2013) Section 11.9.2.3	Clause 4.4	PASS*
20dB Emission Bandwidth & 99% Occupied Bandwidth	15.247 (a)(1)	ANSI C63.10 (2013) Section 6.9.2/6.9.3	Clause 4.5	Reporting only
Carrier Frequencies Separation	15.247 (a)(1)	ANSI C63.10 (2013) Section 7.8.2	Clause 4.6	PASS
Hopping Channel Number	15.247 (a)(1)	ANSI C63.10 (2013) Section 7.8.3	Clause 4.7	PASS
Dwell Time	15.247 (a)(1)	ANSI C63.10 (2013) Section 7.8.4	Clause 4.8	PASS
Band-edge for RF Conducted Emissions	15.247(d)	ANSI C63.10 (2013) Section 7.8.7.2	Clause 4.9	PASS
RF Conducted Spurious Emissions	15.247(d)	ANSI C63.10 (2013) Section 7.8.7.1	Clause 4.10	PASS
Radiated Spurious emissions	15.247(d); 15.205/15.209	ANSI C63.10 (2013) Section 6.4 / 6.5 / 6.6	Clause 4.11	PASS*
Restricted bands around fundamental frequency (Radiated Emission)	15.247(d); 15.205/15.209	ANSI C63.10 (2013) Section 7.8.8.3	Clause 4.12	PASS*
Remark: "PASS*" There is FCC ID F 51629L (parent model) data.	PY7-97087H (this mod	del) spot check data. "Pas	ss" refers to FC	C ID PY7-



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.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 4 of 103

Remark:

This test report (Report No.: SEWM2212000309RG02 issue on 2023/03/16) is based on the original test report (Report No.: SEWM2212000308RG02 issue on 2023/02/23).

Introduction section:

Sony corporation, hereby declares that the test data reuse policy of FCC KDB 484596D01 v01 has been followed and take full responsibility that the test data as referenced form the parent model report FCC ID PY7-51629L represents compliance for the new FCC ID PY7-97087H.

Difference section:

Sony corporation, hereby declares FCC ID PY7-97087H(this model) is the variant from FCC ID PY7-51629L(parent model). They have the same dimension and share the same PCB layout, antennas and components in WLAN and Bluetooth, Though both devices use different names for the NFC chipset, this difference lies in the payment manager application software installed on the secure microcomputer, and there is also no difference in electrical and RF performance for NFC.

Reference detail section:

Therefore in this report the items of Power, Transmitter emission Above 1GHz and Restricted bands around fundamental frequency were performed based on the worst case of the original report with report number SEWM2212000308RG02 issue on 2023/02/23 and other test data in this report are based on the previous report with report number SEWM2212000308RG02 issue on 2023/02/23.

Rule part	Equipment class	Reference FCC ID	Type Grant/permissive Change	Reference Report	Variant model FCC ID	Variant model Report
15C	DSS	PY7-51629L	Original Grant	SEWM221200 0308RG02	PY7-97087H	SEWM2212000 309RG02



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-Conditons/Terms-en-Ocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawing and their smay 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: One beck the authenticity of testing finspection report & certificate, piezes contact us at telephone: (86-75) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Read, Studhou Industrial Park, Studhou 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4号厂店南部 邮编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 5 of 103

Summary of the Spot check:

Conducted power test and radiated spurious emission test against the variant model based on the worstcase condition from the original model was performed in this filing and the verification test results similar to the original FCC ID. All tests meet FCC technical limits. Detail sport check test result can be found in the variant model report.

Test Item	PY7-97087H Worst Result	Dittorono		
Conducted Peak Output	Peak: 9.56	Peak: 9.61	Peak: -0.05	
Power	Average: 8.03	Average: 8.75	Average: -0.72	
Radiated Spurious	Peak: 43.93	Peak: 44.78	Peak: -0.85	
emissions	Average: 19.17	Average: 20.02	Average: -0.85	
Restricted bands around fundamental frequency (Radiated Emission)	Peak: 53.79 Average: 29.03	Peak: 53.97 Average: 29.21	Peak: -0.18 Average: -0.18	



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 (advised that Finding all their rights and obligations under the transaction form exercising all their rights and obligations under the transaction form exercising all their rights and obligations under the transaction documents. This document is unlawful and offenders may be prosecuted to the fullest extend to 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: (86-755) 8307 1443,

 South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, Chine (Jiangsu) Pilot Free Trade Zone 215000
 t (86-51:

 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商に号的5号厂房南部
 単編: 215000
 t (86-51:

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 6 of 103

Contents

1	Versio	n	2
2	Test S	Summary	3
3	Gener	al Information	7
	3.1	Details of Client	7
	3.2	Test Location	7
	3.3	Test Facility	7
	3.4	General Description of EUT	8
	3.5	Test Environment	10
	3.6	Description of Support Units	10
4	Test re	esults and Measurement Data	11
	4.1	Antenna Requirement	11
	4.2	Other requirements Frequency Hopping Spread Spectrum System He	opping
	Seque	ence	12
	4	.2.1 Test Requirement:	12
	4	.2.2 Conclusion	12
	4.3	AC Power Line Conducted Emissions	14
	4.4	Conducted Output Power	18
	4.5	20dB Emission Bandwidth & 99% Occupied Bandwidth	19
	4.6	Carrier Frequencies Separationy	20
	4.7	Hopping Channel Number	21
	4.8	Dwell Time	22
	4.9	Band-edge for RF Conducted Emissions	23
	4.10	Spurious RF Conducted Emissions	24
	4.11	Radiated Spurious Emissions	25
	4.12	Restricted bands around fundamental frequency	28
5	Measu	urement Uncertainty (95% confidence levels, k=2)	30
6	Equip	ment List	31
7	Photo	graphs - Setup Photos	33



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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-enc-Communications appx and, for electronic format 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 is excerpt 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, or email: CM.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industria/ Park, Suzhou Area, Chine (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消胜路1号的6号厂房南部 郎编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 7 of 103

3 General Information

3.1 Details of Client

Applicant:	Sony Corporation		
Address of Applicant:	1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan		
Manufacturer:	Sony Corporation		
Address of Manufacturer:	1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan		

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:	Ives Cheng, Tizzy Song

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 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 to 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 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: 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) 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号约6号厂房南部 邮编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 8 of 103

3.4 General Description of EUT

SG

	•		
EUT Description:	GSM/WCDMA/LTE Phone with BT, DTS/UNII a/b/g/n/ac, NFC and GNSS		
Trade Mark:	Sony		
Hardware Version:	A		
Software Version:	0.129		
SN:	RF Conducted HQ62B20407 HQ62B206A1		
50.	RSE & AC power line	HQ62B2030D HQ62B2066A	
Operation Frequency:	2400MHz~2483.5MHz fc = 2402 MHz + N * 1 MHz, where: -fc = "Operating Frequency" in MHz, -N = "Channel Number" with the range from 0 to 78.		
Bluetooth version:	Bluetooth V5.1		
Modulation Technique:	Frequency Hopping Spread Spectrum(FHSS)		
Modulation Type:	GFSK, π/4DQPSK, 8DPSK		
Number of Channel:	79		
Hopping Channel Type:	Adaptive Frequency H	opping systems	
Antenna Type:	PIFA Antenna		
Antenna Gain:	-0.7dBi(Ant6)		
RF Cable:	1.0dB		
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 overlear, 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 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, 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湖胜路1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 9 of 103

	Operation Frequency of each channel						
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	20	2422MHz	40	2442MHz	60	2462MHz
1	2403MHz	21	2423MHz	41	2443MHz	61	2463MHz
2	2404MHz	22	2424MHz	42	2444MHz	62	2464MHz
3	2405MHz	23	2425MHz	43	2445MHz	63	2465MHz
4	2406MHz	24	2426MHz	44	2446MHz	64	2466MHz
5	2407MHz	25	2427MHz	45	2447MHz	65	2467MHz
6	2408MHz	26	2428MHz	46	2448MHz	66	2468MHz
7	2409MHz	27	2429MHz	47	2449MHz	67	2469MHz
8	2410MHz	28	2430MHz	48	2450MHz	68	2470MHz
9	2411MHz	29	2431MHz	49	2451MHz	69	2471MHz
10	2412MHz	30	2432MHz	50	2452MHz	70	2472MHz
11	2413MHz	31	2433MHz	51	2453MHz	71	2473MHz
12	2414MHz	32	2434MHz	52	2454MHz	72	2474MHz
13	2415MHz	33	2435MHz	53	2455MHz	73	2475MHz
14	2416MHz	34	2436MHz	54	2456MHz	74	2476MHz
15	2417MHz	35	2437MHz	55	2457MHz	75	2477MHz
16	2418MHz	36	2438MHz	56	2458MHz	76	2478MHz
17	2419MHz	37	2439MHz	57	2459MHz	77	2479MHz
18	2420MHz	38	2440MHz	58	2460MHz	78	2480MHz
19	2421MHz	39	2441MHz	59	2461MHz		

Remark:

S

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
The Lowest channel(CH0)	2402MHz
The Middle channel(CH39)	2441MHz
The Highest channel(CH78)	2480MHz



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 lissues defined therein. Any holder of this document is advised that information contained bereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and difenders 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, 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.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 10 of 103

3.5 Test Environment

Environment Parameter	101.0 kPa Selected	Values During Tests			
Relative Humidity	44-46 % RH Ambient				
Value	Temperature(°C)	Voltage(V)			
NTNV	22~23	3.89			
Remark: NV: Normal Voltage NT: Normal Temperature					

3.6 Description of Support Units

The EUT has been tested as an independent unit.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overlear, 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 30 young. Attention 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, 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

sgs.china@sgs.com

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 11 of 103

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 PIFA Antenna and no consideration of replacement. The best case gain of the antenna is -0.7dBi(Ant6).



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.sag.com/en/Terma-and-Conditions.apx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at Life//www.sag.com/en/Terma-and-Conditions/Terma-eDocumentsgy. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) lested 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 Plank, Suzhou Area, Chine (Jiangsu) Plink Fiee Trade Zone 215000 t (86-512) 629929800 中国・苏州・中国(江苏)自由贸易试验区苏州工业园区周期路1号約6号厂房南部 邮编: 215000 t (86-512) 62992980 www.sgsgroup.com.cn

sgs.china@sgs.com

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 12 of 103

4.2 Other requirements Frequency Hopping Spread Spectrum System Hopping Sequence

4.2.1 Test Requirement:

47 CFR Part 15, Subpart C 15.247(a)(1),(g),(h)

4.2.2 Conclusion

Standard Requirement:

The system shall hop to channel frequencies that are selected at the system hopping rate from a Pseudorandom ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

Frequency hopping spread spectrum systems are not required to employ all available hopping channels during each transmission. However, the system, consisting of both the transmitter and the receiver, must be designed to comply with all of the regulations in this section should the transmitter be presented with a continuous data (or information) stream. In addition, a system employing short transmission bursts must comply with the definition of a frequency hopping system and must distribute its transmissions over the minimum number of hopping channels specified in this section.

The incorporation of intelligence within a frequency hopping spread spectrum system that permits the system to recognize other users within the spectrum band so that it individually and independently chooses and adapts its hopsets to avoid hopping on occupied channels is permitted. The coordination of frequency hopping systems in any other manner for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters is not permitted.

Compliance for section 15.247(a)(1):

According to Technical Specification, the pseudorandom sequence may be generated in a nine-stage shift register whose 5th and 9th stage outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first ONE of 9 consecutive ONEs; i.e. the shift register is initialized with nine ones.

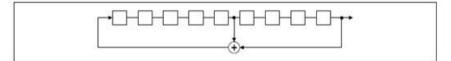
> Number of shift register stages: 9

> Length of pseudo-random sequence: 29 -1 = 511 bits

> Longest sequence of zeros: 8 (non-inverted signal)

Linear Feedback Shift Register for Generation of the PRBS sequence

An example of Pseudorandom Frequency Hopping Sequence as follow:



Linear Feedback Shift Register for Generation of the PRBS sequence

An example of Pseudorandom Frequency Hopping Sequence as follow:

20 62 46 77	7 64 8	73	16 75 1

Each frequency used equally on the average by each transmitter.



 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 13 of 103

According to Technical Specification, the receivers are designed to have input and IF bandwidths that match the hopping channel bandwidths of any transmitters and shift frequencies in synchronization with the transmitted signals.

Compliance for section 15.247(g):

According to Technical Specification, the system transmits the packet with the pseudorandom hopping frequency with a continuous data and the short burst transmission from the RF system is also transmitted under the frequency hopping system with the pseudorandom hopping frequency system. Compliance for section 15.247(h):

According to Technical specification, the system incorporates with an adaptive system to detect other user within the spectrum band so that it individually and independently to avoid hopping on the occupied channels. The system is designed not have the ability to coordinated with other FHSS System in an effort to avoid the simultaneous occupancy of individual hopping frequencies by multiple transmitter.



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 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: Coheck the authenticity of testing /inspection report & certificate, please contact us at telehome: (86-755) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Plank, Suzhou Area, Chine (Jiangsu) Plink Fiee Trade Zone 215000 t (86-512) 629929800 中国・苏州・中国(江苏)自由贸易试验区苏州工业园区周期路1号約6号厂房南部 邮编: 215000 t (86-512) 62992980 www.sgsgroup.com.cn

sgs.china@sgs.com

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 14 of 103

4.3 AC Power Line Conducted Emissions

S

Test Requirement:	47 CFR Part 15C Sectio	n 15.207	
Test Method:	ANSI C63.10: 2013 Sec	tion 6.2	
Test Frequency Range:	150kHz to 30MHz		
Receiver Setup:	RBW = 9kHz, VBW = 30	lkHz	
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:	 room. 2) The EUT was connellimpedance Stabilization impedance. The processingle connected to a second plane in the same of multiple socket outlet single LISN provided 3) The tabletop EUT was ground reference plane placed on the horizon 4) The test was perform the EUT shall be 0. vertical ground reference plane. The unit under test and mounted on top of the the closest points of and associated equip 5) In order to find the mand all of the interfate 	listurbance voltage test was ected to AC power source to tion Network) which provides ower cables of all other un ad LISN 2, which was bonded way as the LISN 1 for the t strip was used to connect me the rating of the LISN was no as placed upon a non-metall one. And for floor-standing arr intal ground reference plane. ed with a vertical ground refer 4 m from the vertical ground rence plane was bonded to bonded to a ground refer e ground reference plane. The the LISN 1 and the EUT. All oment was at least 0.8 m from maximum emission, the relative ce cables must be changed a producted measurement.	through a LISN 1 (Line a $50\Omega/50\mu$ H + 5Ω linear inits of the EUT were to the ground reference unit being measured. A pultiple power cables to a bit exceeded. ic table 0.8m above the rangement, the EUT was erence plane. The rear of do reference plane. The bothe horizontal ground rom the boundary of the erence plane for LISNs is distance was between II other units of the EUT in the LISN 2. e positions of equipment



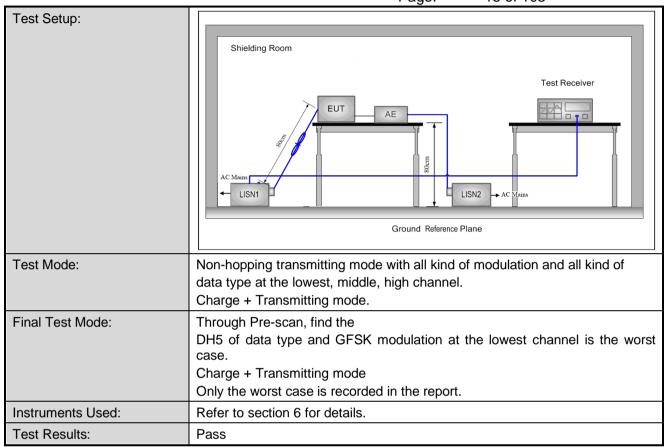
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, subject to Terms and Conditions 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 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. Attender to <u>Docech Hermennet</u> of Lesting/Impaction report a certificate, please contact us at telephone: (86-755) 8307 1443, Attender to <u>Docech Hermennet</u> (86-755) 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.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 15 of 103





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overlear, available on request or accessible at http://www.ags.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 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) 83071443,

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润脏路/号约/6月厂房南部 邮编: 215000

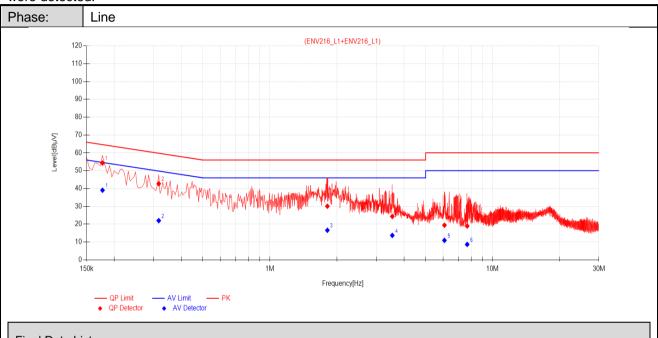
 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 16 of 103

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.



Final Data List

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	0.1770	10.75	43.55	54.30	64.63	10.33	28.31	39.06	54.63	15.57	PASS
2	0.3165	10.58	32.14	42.72	59.80	17.08	11.42	22.00	49.80	27.80	PASS
3	1.8105	10.72	19.36	30.08	56.00	25.92	5.88	16.60	46.00	29.40	PASS
4	3.5430	10.70	13.66	24.36	56.00	31.64	3.02	13.72	46.00	32.28	PASS
5	6.0765	10.68	8.76	19.44	60.00	40.56	0.27	10.95	50.00	39.05	PASS
6	7.6875	10.69	8.29	18.98	60.00	41.02	-2.01	8.68	50.00	41.32	PASS
Domo	rk										

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[$dB\mu V$] – 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 <u>http://www.ags.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.ags.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) tested and such sample(s) are retained for 30 days only. Attention: <u>Ornex the authenticity of testing finspection report & certificate, please contact us at telefindence</u>. (67-55) 5307 1443,

South of No. 6 Plant, No. 1, Runsheng Read, Studhou Industrial Park, Studhou 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4号厂店南部 邮编: 215000

							Rev.: Page:	02 17	2 7 of 103		
hase:	Neut	ral									
	120				(ENV21	6_N+ENV216_N)					
[//rgb]lava_	110 100 90 80 70 60 40 40 - 1 30 20 10	2 2	²	olon polytyge so a	5						
	0		AV Limit — PI	1M	Fre	quency[Hz]		101	М	30	I DM
Final Da	0 150k QP		AV Limit — PI AV Detector		Fre	iquency[Hz]		10	M	30)M
	0 150k QP				QP Limit [dBµV]	QP Margin [dB]	AV Reading [dBµV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdic
	ata List	Factor	AV Detector QP Reading	QP Value	QP Limit	QP Margin	Reading	AV Value	AV Limit	AV Margin	
NO. F	ata List Frequency [MHz]	Factor [dB]	QP Reading [dBµV]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	Reading [dBµV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdic
NO. F	ata List Frequency [MHz] 0.1725	Factor [dB]	AV Detector QP Reading [dBµV] 47.31	QP Value [dBµV] 58.02	QP Limit [dBµV] 64.84	QP Margin [dB] 6.82	Reading [dBµV] 30.04	AV Value [dBµV] 40.75	AV Limit [dBµV] 54.84	AV Margin [dB] 14.09	Verdic PASS PASS
NO. F	ata List Frequency [MHz] 0.1725 0.2130	Factor [dB] 10.71 10.68	AV Detector QP Reading [dBµV] 47.31 43.95	QP Value [dBµV] 58.02 54.63	QP Limit [dBµV] 64.84 63.09	QP Margin [dB] 6.82 8.46	Reading [dBµV] 30.04 21.73	ΑV Value [dBμV] 40.75 32.41	ΑV Limit [dBμV] 54.84 53.09	AV Margin [dB] 14.09 20.68	Verdia PASS PASS PASS
NO. F	ata List Frequency [MHz] 0.1725 0.2130 0.3435	Factor [dB] 10.71 10.68 10.80	AV Detector QP Reading [dBµV] 47.31 43.95 41.63	 QP Value [dBμV] 58.02 54.63 52.43 	QP Limit [dBµV] 64.84 63.09 59.12	QP Margin [dB] 6.82 8.46 6.69	Reading [dBµV] 30.04 21.73 17.12	ΑV Value [dBμV] 40.75 32.41 27.92	ΑV Limit [dBμV] 54.84 53.09 49.12	AV Margin [dB] 14.09 20.68 21.20	Verdic

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[$dB\mu V$] – 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, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.terms-e-Document.aspx. Attention is 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 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, Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, Attention: To check the authenticity of t

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

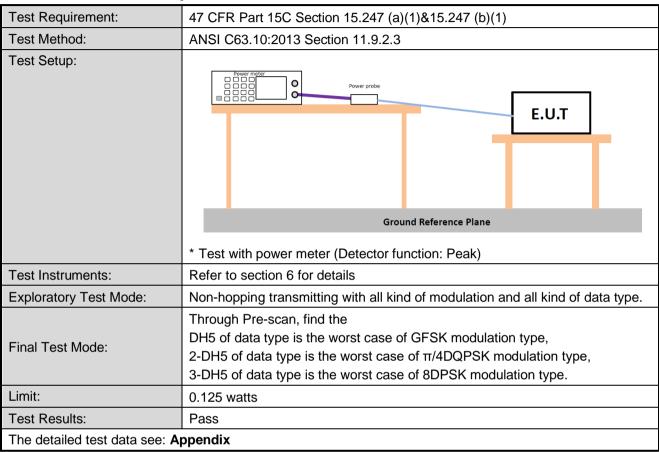
Report No.: SEWM2212000309RG02

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 18 of 103

4.4 Conducted Output Power





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 /inspection report & certificate, please contact us at telephone: (86-755) 83071443.

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou 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上区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 19 of 103

4.5 20dB Emission Bandwidth & 99% Occupied Bandwidth

S

Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1)
Test Method:	ANSI C63.10:2013 Section 6.9.2 and 6.9.3
Test Setup:	PC
Instruments Used:	Refer to section 6 for details
Exploratory Test Mode:	Non-hopping transmitting with all kind of modulation and all kind of data type.
Final Test Mode:	Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of π /4DQPSK modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation type.
Limit:	NA
Test Results:	Pass
The detailed test data see: A	ppendix



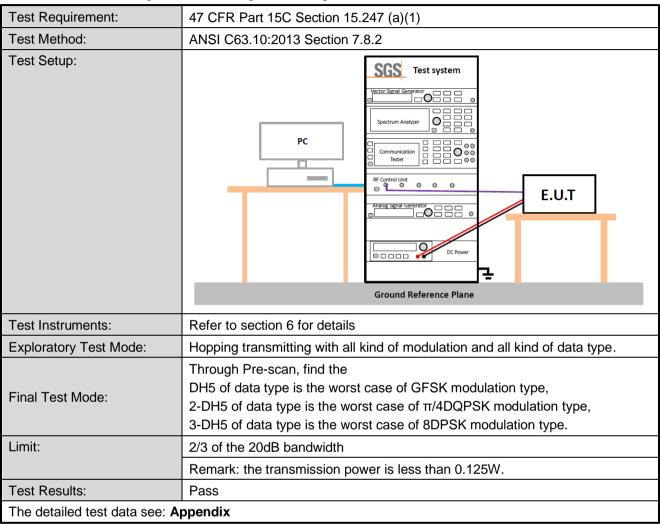
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, subject to Terms and Conditions 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, Runsheng Road, Stuchou Industrial Park, Stuchou 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调胜路1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 20 of 103



4.6 Carrier Frequencies Separationy



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. 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 /inspection report & certificate, please contact us at telephone: (66-755) 8307 1443,

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.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 21 of 103

Test Requirement: 47 CFR Part 15C Section 15.247 (a)(1) **Test Method:** ANSI C63.10:2013 Section 7.8.3 Test Setup: SGS Test system Vector Signal Genera 0 PC O Communication Unit 0 0 0 E.U.T Analog Signal Gene 0 DC Pov Ground Reference Plane Instruments Used: Refer to section 6 for details Test Mode: Hopping transmitting with all kind of modulation Limit: At least 15 channels **Test Results:** Pass The detailed test data see: Appendix

4.7 Hopping Channel Number



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.agox 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.agox. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document as 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 steam of the 30 ayo soly. Attention 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: (66-755) 83071443,

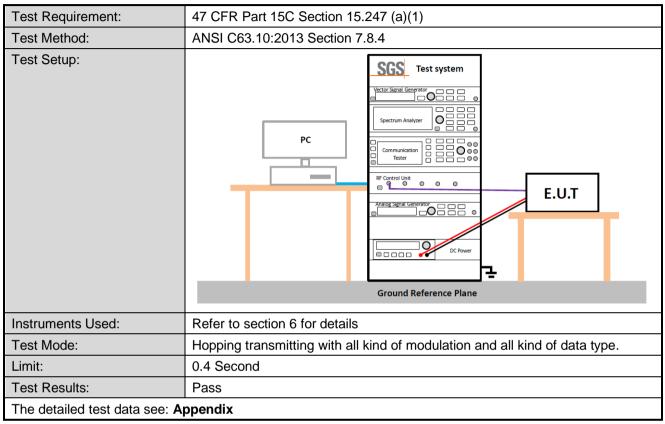
South of No. 6 Plant, No. 1, Runshang Road, Suzhou Holashia Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone 215000 中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业园区湖胜路1号的6号厂房南部 卸编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 22 of 103

4.8 Dwell Time





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.

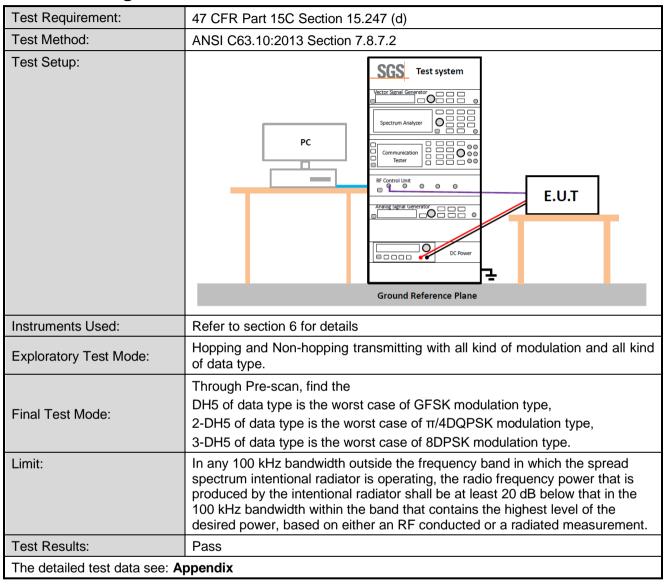
South of No. 6 Plant, No. 1, Runshang Road, Suzhou Industrial Park, Suzhou Area, Chine (Jiangsu) Plot Free Trade Zone 215000 中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业国区湖胜路1号的6号厂房南部 単編: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 23 of 103

4.9 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: <u>0 check the authenticity of testing finspection report & certificate, please contact us at telephone</u>: (86-755) 8307 1443,

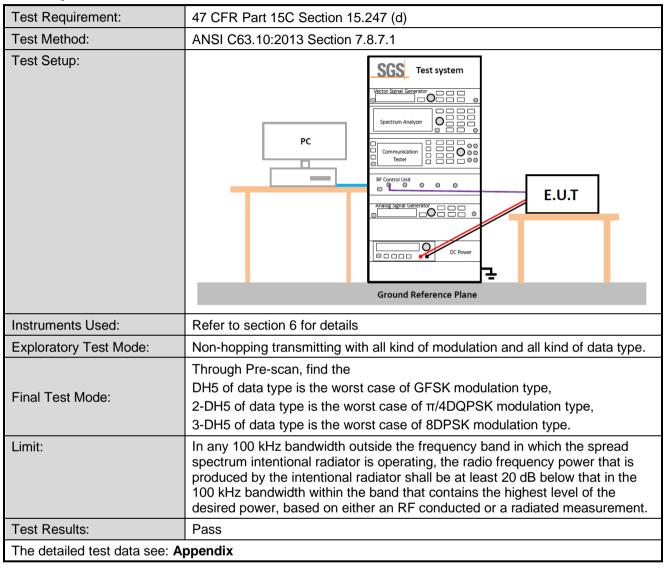
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 2150000 中国 • 苏州 • 中国 (江苏) 自由贸易试验区苏州片区苏州工业园区湖胜路1号约6号厂房南部 邮编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 24 of 103

4.10 Spurious 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. Dness 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 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, 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.:
 SEWM2212000309RG02

 Rev.:
 02

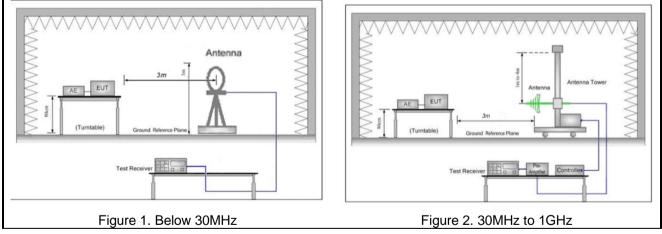
 Page:
 25 of 103

4.11 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15C Section	15.209 and 15.20	5		
Test Method:	ANSI C63.10 :2013 Section	on 6.4 / 6.5 / 6.6			
Test Site:	Measurement Distance: 3	m (Semi-Anechoic	Chamber)		
Test Frequency:	9kHz ~ 25GHz				
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 emissions is 20dB above applicable to the equipme level radiated by the devic	the maximum pern nt under test. This	nitted averag	e emission lim	it

Test Setup:

SG





	Report No.: SEWM2212000309RG02
	Rev.: 02
	Page: 26 of 103
	Antenna Tower Antenna Tower Antenn
	Figure 3. Above 1 GHz
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. 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 (Distance from antenna to EUT is 1m for measurements >18GHz).
	c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
	 d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters(for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
	f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
	 g. 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. l. At a measurement distance of 1 meter the limit line was increased by 20*LOG(3/1) = 9.54 dB.
Test Configuration:	Measurements Below 1000MHz • RBW = 120 kHz • VBW = 300 kHz • Detector = Peak • Trace mode = max hold Peak Measurements Above 1000 MHz



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 solid client and this document context parties to a transaction from exercising all their rights and obligations under the transaction document. This document of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@ags.com

of with the The Nation Control and Contr

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 27 of 103

	Fage. 27 01 103
	• RBW = 1 MHz
	• VBW ≥ 3 MHz
	Detector = Peak
	Sweep time = auto
	 Trace mode = max hold
	Average Measurements Above 1000MHz
	Use duty cycle correction factor method per 15.35(c).
	Duty cycle = On time / 100 milliseconds
	On time = $N_1*L_1 + N_2*L_2+N_{N-1}*L_{N-1} + N_N*L_N$
	Where N_1 is number of type 1 pulese, L_1 is length of type 1 pulses, etc.
	Average Value = Peak Value +20*log(Duty cycle).
Evaloratory Test	Non-hopping transmitting mode with all kind of modulation and all kind of
Exploratory Test Mode:	data type
wode.	Charge + Transmitting mode.
	Through Pre-scan, find the
	DH5 of data type and GFSK modulation is the worst case.
Final Test Mode:	Pretest the EUT at Charge + Transmitting mode
	For below 1GHz part, through pre-scan, the worst case is the lowest channel.
	Only the worst case is recorded in the report.
Instruments Used:	Refer to section 6 for details
Test Results:	Pass
The detailed test dat	a 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 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 Decoh taves room of testing inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, *Aremandi* 10 Decoh taves room of testing inspection report & certificate, please contact us at telephone: (86-75) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Plank, Suzhou Area, China (Jiangsu) Pitol Fiee Tade 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型区河胜数1号的5号厂房南部 単編: 215000

Report No.: SEWM2212000309RG02 Rev.: 02 Page: 28 of 103

4.12Restricted bands around fundamental frequency

Test Requirement:	47 CFR Part 15C Section 15	5.209 and 15.205				
Test Method:	ANSI C63.10: 2013 Section	7.8.8.3				
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)					
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			
	Above IGHZ	74.0	Peak Value			

Test Setup:

SG

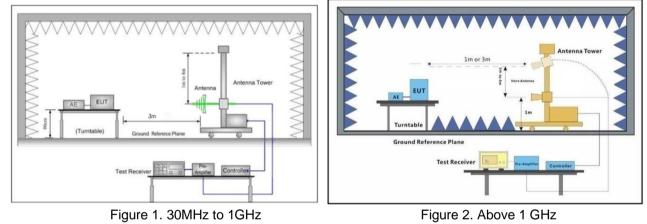


	Figure	1.30	IMHZ to 1GHZ	Figure 2. Above 1 GHz
Test Procedure:		a.	above the ground at a	UT was placed on the top of a rotating table 0.8 meters 3 or 10 meter semi-anechoic camber. The table was determine the position of the highest radiation.
		b.	meters above the groui	EUT was placed on the top of a rotating table 1.5 nd at a 3 meter semi-anechoic camber. The table was determine the position of the highest radiation.
		c.		or 10 meters away from the interference-receiving bunted on the top of a variable-height antenna tower.
		d.	to determine the maxim	varied from one meter to four meters above the ground mum value of the field strength. Both horizontal and the antenna are set to make the measurement.
		e.	then the antenna was	mission, the EUT was arranged to its worst case and tuned to heights from 1 meter to 4 meters and the urned from 0 degrees to 360 degrees to find the
		f.	The test-receiver syste Bandwidth with Maximu	em was set to Peak Detect Function and Specified um Hold Mode.
		g.	Place a marker at the	e end of the restricted band closest to the transmit



Unless otherwise agreed in writing, this documer overleaf, available on request or accessible at <u>http</u> : subject to Terms and Conditions for Electronic Do	://www.sgs.	com/e	n/Terms-and-C	onditions.aspx and, for electr	onic format documents,
Attention is drawn to the limitation of liability, inde	emnification	and	urisdiction issu	es defined therein. Any hole	der of this document is
advised that information contained hereon reflects Client's instructions, if any. The Company's sole	s the Compa	any's	findings at the	time of its intervention only	and within the limits of
transaction from exercising all their rights and ob	bligations u	nder t	he transaction	documents. This document	cannot be reproduced
except in full, without prior written approval of th	ne Company	. Any	unauthorized a	alteration, forgery or faisific	ation of the content of
except in full, without prior written approval of th appearance of this document is unlawful and offen	ders may be	e pros	ecuted to the fi	illest extent of the law. Unle	ss otherwise stated the
appearance of this document is unlawful and offen results shown in this test report refer only to the sam	nders may be nple(s) teste	e pros	ecuted to the fi such sample(s	illest extent of the law. Unle) are retained for 30 days onl	ss otherwise stated the y.
appearance of this document is unlawful and offen	nders may be nple(s) teste	e pros	ecuted to the fi such sample(s	illest extent of the law. Unle) are retained for 30 days onl	ss otherwise stated the y.
appearance of this document is unlawful and offen results shown in this test report refer only to the sam Attention: To check the authenticity of testing /in	iders may be nple(s) teste inspection r	e pros ed and report	ecuted to the fi such sample(s	illest extent of the law. Unle) are retained for 30 days onl	ss otherwise stated the y.

Report No.: SEWM2212000309RG02

	Rev.: 02						
	Page: 29 of 103						
	 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 i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode. And found the X axis positioning which it is warea and 						
	Transmitting mode, And found the X axis positioning which it is worse case.j. Repeat above procedures until all frequencies measured was complete.						
Test Configuration:	Measurements Below 1000MHz • RBW = 120 kHz • VBW = 300 kHz • Detector = Peak • Trace mode = max hold Peak Measurements Above 1000 MHz • RBW = 1 MHz • VBW \ge 3 MHz • Detector = Peak • Sweep time = auto • Trace mode = max hold Average Measurements Above 1000MHz Use duty cycle correction factor method per 15.35(c). Duty cycle = On time / 100 milliseconds On time = N ₁ *L ₁ + N ₂ *L ₂ +N _{N-1} *L _{N-1} + N _N *L _N Where N ₁ is number of type 1 pulses, L ₁ is length of type 1 pulses, etc. Average Value = Peak Value +20*log(Duty cycle).						
Exploratory Test Mode:	Non-hopping transmitting mode with all kind of modulation and all kind of data type Charge + Transmitting mode.						
Final Test Mode:	Through Pre-scan, find the DH5 of data type and GFSK modulation is the worst case. Pretest the EUT at Charge + Transmitting mode, Only the worst case is recorded in the report.						
Instruments Used:	Refer to section 6 for details						
Test Results:	Pass						
The detailed test data see	e: Appendix						

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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of 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, 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: CN_Doccheck@ss.com

South of No.6 Plant, No.1, Runsheng Read, Stathou Industrial Park, Stathou 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调胜路1号的45厂房南部 邮编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 30 of 103

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)		
8	Radiated Emission	± 4.88dB (30M -1GHz)		
		± 4.75dB (1GHz to 18GHz)		
		± 4.77dB (Above 18GHz)		

Remark:

S

The U_{Iab} (lab Uncertainty) is less than U_{cispt/ETSI} (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/Terma-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 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, Stazhou Indushai Park, Stazhou 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脏器1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 31 of 103

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	2022/02/16	2023/02/15	
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	2022/02/14	2023/02/13	
DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	2022/02/15	2023/02/14	
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	2022/02/14	2023/02/13	
Temperature Chamber	ESPEC	SU-242	SUWI-01-13-01	2022/02/15	2023/02/14	

CE Test System							
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-04-03-01	2021/05/08	2024/05/07		
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2022/02/19	2023/02/18		
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-06	2022/02/16	2023/02/15		
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-01	2022/02/19	2023/02/18		
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-02	2022/02/19	2023/02/18		
Measurement Software	Tonscend	JS32-CE 4.0.0.2	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.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 32 of 103

RSE Test System							
Test	Tost Cal data Cal Duo da						
Equipment	Manufacturer	Model No.	Inventory No.	(yyyy/mm/dd)	(yyyy/mm/dd)		
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-02	2021/11/25	2024/11/24		
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-15	2022/02/16	2023/02/15		
Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	2022/05/28	2023/05/27		
Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-06	2022/11/23	2023/11/22		
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2022/02/19	2023/02/18		
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	VULB 9163	SUWI-01-11-04	2021/12/05	2023/12/04		
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	BBHA 9120D	SUWI-01-11-05	2021/12/05	2023/12/04		
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	BBHA 9170	SUWI-01-11-03	2021/05/14	2023/05/13		
Active Loop Antenna	SCHWRZBECK MESS- ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	2021/06/10	2023/06/09		
Amplifier	Tonscend	TAP9K3G32	SUWI-01-14-06	2022/11/23	2023/11/22		
Amplifier	Tonscend	TAP01018050	SUWI-01-14-04	2022/11/23	2023/11/22		
Amplifier	Tonscend	TAP30M7G30	SUWI-01-14-05	2022/11/23	2023/11/22		
Measurement Software	Tonscend	JS32-RE V4.0.0.0	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 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 Mb. SPent, No. 1, Runsherg Read, Suzhou Industrel Park, Suzhou Area, Chine (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国区润脏路1号的号厂房南部 邮编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 33 of 103

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 of lesting /impaction report & certificate, please contact us at telephone: (86-755)8307 1443, reamail. Checking the sementicity of lesting /impaction report & certificate, please contact us at telephone: (86-755)8307 1443, reamail.

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

sgs.china@sgs.com

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 34 of 103

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 his document is unlawful and offenders may be prosecuted to the fullest extent of the law longs otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are relained for 30 days only.

Soufford No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Plant, Suzhou Area, Chine (Jangou) Plot Free Trade Zone 215000 t (86-512) 62992980 中国・苏州・中国(江苏)自由貿易就違区苏州上区苏州工业団区周囲路1号的6号厂房南部 戦場: 215000 t (86-512) 62992980

t (86-512) 62992980 sgs.china@sgs.com

www.sgsgroup.com.cn

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 35 of 103

20dB Emission Bandwidth Test Result

TestMode	Antenna	Frequency[MHz]	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
	Ant6	2402	0.94	2401.54	2402.48	
DH5		2441	0.94	2440.53	2441.47	
		2480	0.95	2479.53	2480.47	
	Ant6	2402	1.28	2401.36	2402.65	Departing
2DH5		2441	1.28	2440.36	2441.65	Reporting only
		2480	1.28	2479.36	2480.65	Only
3DH5	Ant6	2402	1.29	2401.35	2402.64	
		2441	1.29	2440.35	2441.64	
		2480	1.29	2479.35	2480.64	



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, Suchou holushisia Plank, Suchou Area, China (Liangou) Pilot Fiee Taxie 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河胜商に号的6号厂房南部 単集: 215000 t (86-512) 62992980

www.sgsgroup.com.cn

sgs.china@sgs.com

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 36 of 103

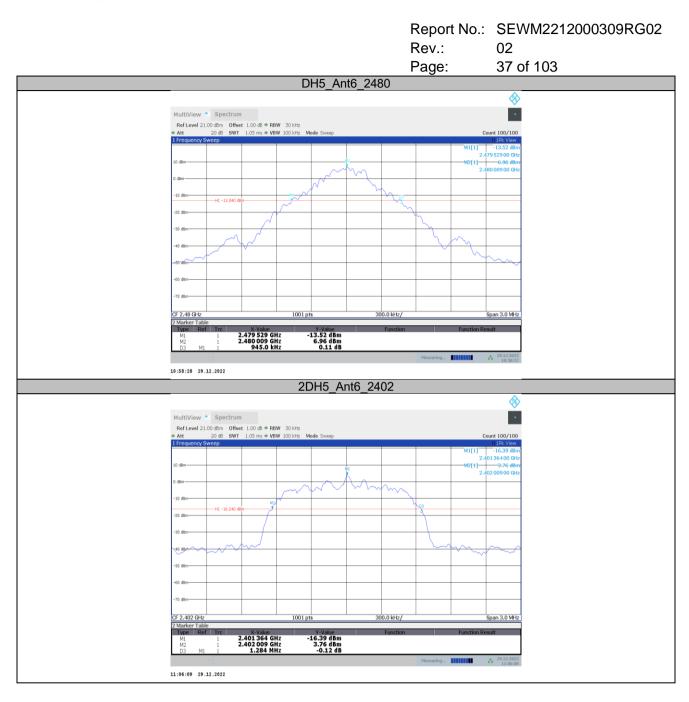


Test Graphs



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 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 itelephone: (86-755) 8307 1443, Aremandir 10 Decohards of Lesting inspection report à certificate, please contact us at itelephone: (86-755) 8307 1443,

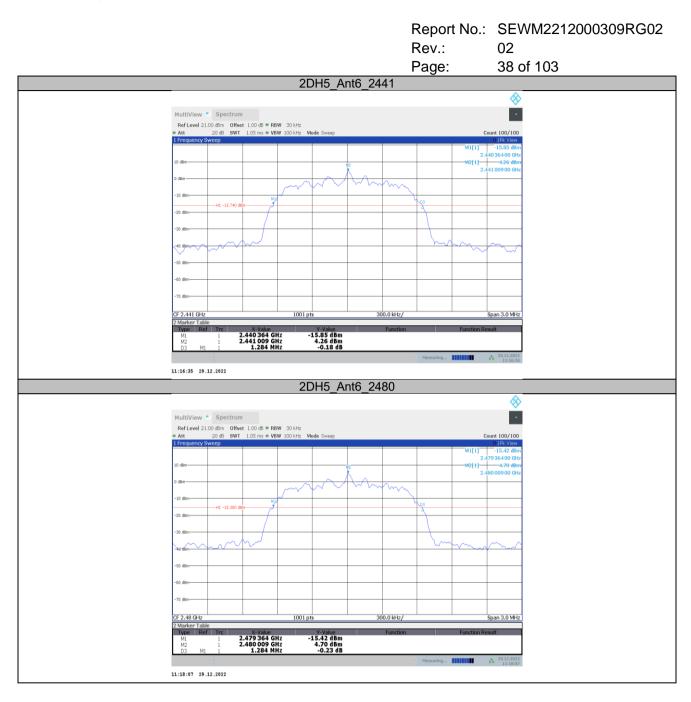
South of No. 6 Pant, No. 1, Runsheng Read, Suzhou Industria Pank, Suzhou Area, China (Jangsu) Plot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业团区润脏路1号的6号厂房南部 邮编: 215000





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 leiphone: (86-75) 8307 1443, *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at telephone: (86-75) 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





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 leiphone: (86-75) 8307 1443, *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at telephone: (86-75) 8307 1443,

South of No. 6 Plant, No. 1, Ransheng Road, Suzhou holustrial Plant, Suzhou Area, Chine (Liangsu) Plot Firee 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国区调胜路1号的4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. 5 Plant, No. 1, Runsheng Road, Suchou Industrial 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 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 Industria Park, Suchou Area, Chine (Jangsu) Pikit Fires 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

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 41 of 103

Occupied Channel Bandwidth Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
		2402	0.849	2401.569	2402.418	
DH5	Ant6	2441	0.849	2440.567	2441.415	
		2480	0.848	2479.565	2480.413	
		2402	1.173	2401.406	2402.579	Boporting
2DH5	2DH5 Ant6	2441	1.171	2440.407	2441.578	Reporting only
		2480	1.172	2479.405	2480.577	Only
		2402	1.175	2401.409	2402.584	
3DH5	Ant6	2441	1.174	2440.409	2441.584	
		2480	1.177	2479.407	2480.583	



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. 5 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, Chira (Jangsu) Pliot Free 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园区润胜着1号的6号厂房南部 邮集: 215000 t (86-512) 62992980

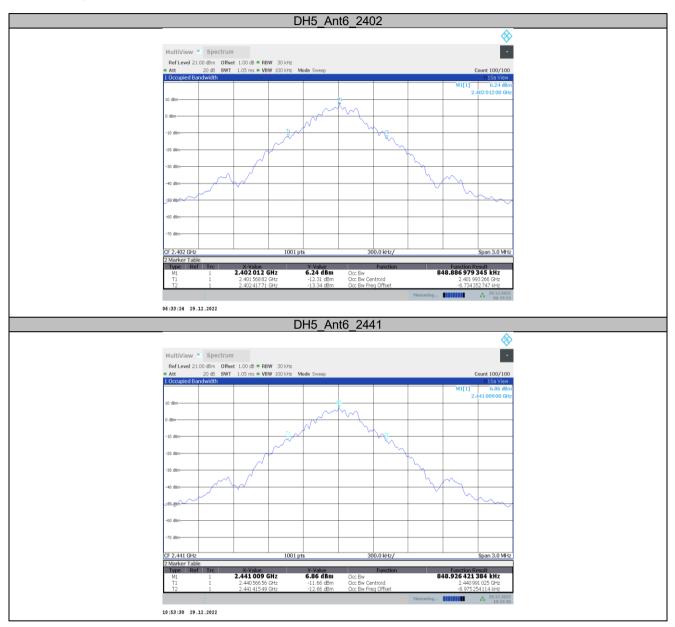
www.sgsgroup.com.cn

sgs.china@sgs.com

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 42 of 103

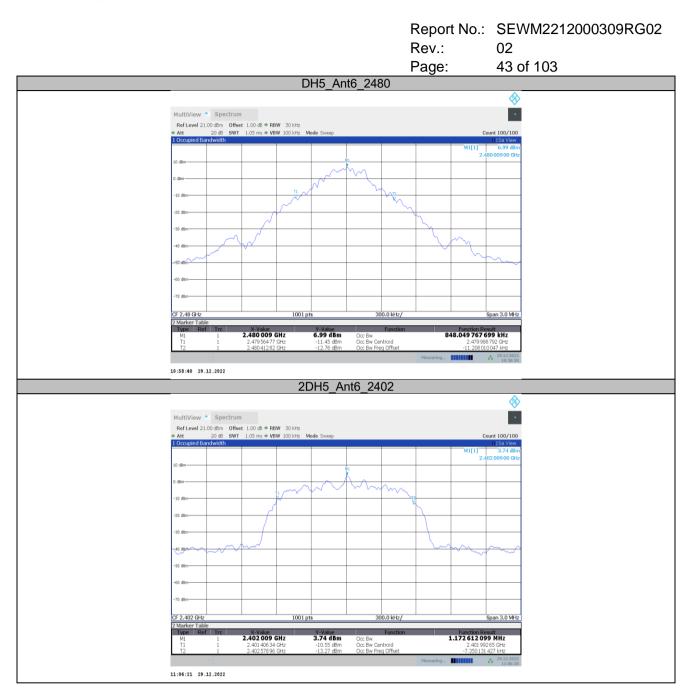


Test Graphs



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, 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

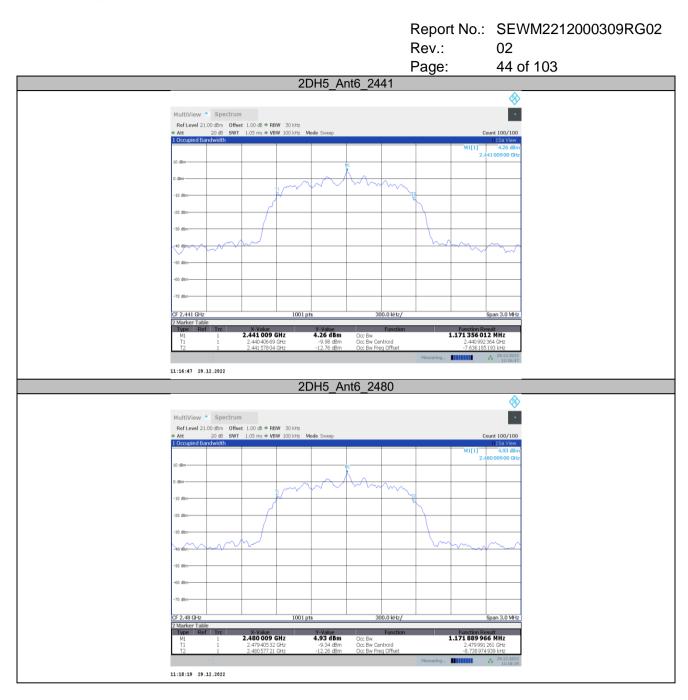




Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, subject to Terms and Conditions 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 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 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

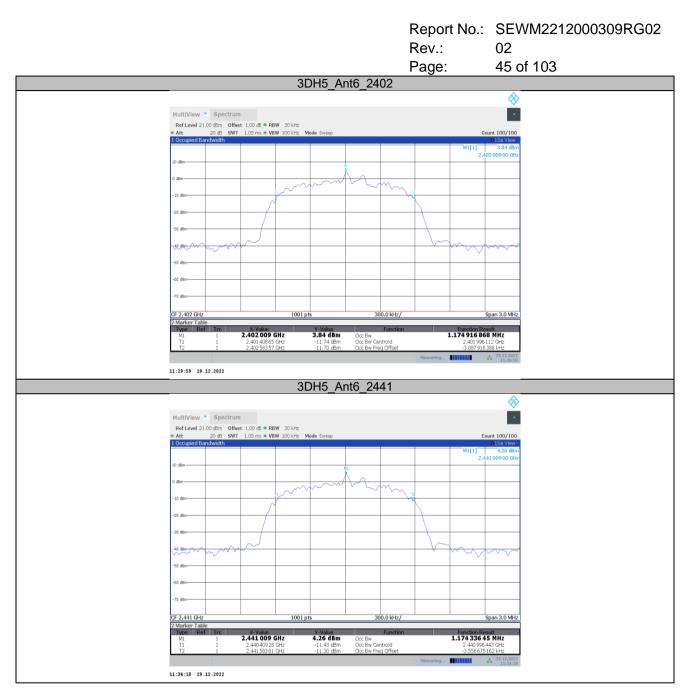
www.sgsgroup.com.cn





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 leiphone: (86-75) 8307 1443, *Aremabil* 10 Decohards of Lesting Inspection report & certificate, please contact us at telephone: (86-75) 8307 1443,

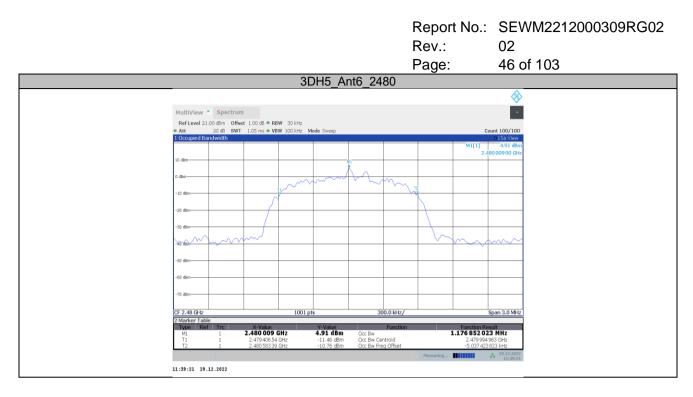
SouthurtNo.6 Plant.Mo.1, Rundsmag Road, Studhou Hollandia Plant, Suudhou Avea, China (Jaingsu) Plot Fiee Trade Zone 215000 t (86-中国・苏州・中国(江苏)自由貿易這些区苏州に区苏州工业園区測粧器1号約0号厂房南部 郎编: 215000 t (86-





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/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 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ド区苏州工业园区测胜器1号约v号厂房南部 郎编: 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 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, Stathou Industrial Park, Suzhou Area, Chine (Jangsu) Pilot Free Trade Zone 215000 t (86-512) 629922 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涡胜路(号約6号) 定角部 単编: 215000 t (86-512) 629923

Report No.: SEWM2212000309RG02 Rev.: 02 Page: 47 of 103

Maximum conducted output power For PY7-51629L(Parent model) data:

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
		2402	8.98	≤20.97	PASS
DH5	Ant6	2441	9.47	≤20.97	PASS
		2480	9.46	≤20.97	PASS
		2402	9.32	≤20.97	PASS
2DH5	Ant6	2441	9.43	≤20.97	PASS
			2480	9.61	≤20.97
		2402	9.36	≤20.97	PASS
3DH5	Ant6	2441	9.32	≤20.97	PASS
		2480	9.48	≤20.97	PASS

Test Result Average

Test Mode	Channel	Average power[dBm]
	CH00	8.51
DH5	CH39	8.75
	CH78	8.58
	CH00	6.80
2DH5	CH39	6.52
	CH78	6.63
3DH5	CH00	6.78
	CH39	6.54
	CH78	6.65

For PY7-97087H (this model) of the Spot check: Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
3DH5	Ant6	2402	9.56	≤20.97	PASS
T (D 1(A					

Test Result Average

Test Mode	Channel	Average power[dBm]
DH5	CH39	8.03



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service p overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format docum subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format docum Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this docum advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the lin Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate partle transaction from exercising all their rights and obligations under the transaction documents. This document cannot be repro except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the con-tresult is shown in this test report refer only to the sample(s) lested and such sample(s) near estained for 30 days only. content o ne: (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.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 48 of 103

Carrier frequency separation Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant6	Нор	0.986	≥0.627	PASS
2DH5	Ant6	Нор	1.012	≥0.853	PASS
3DH5	Ant6	Нор	1.030	≥0.860	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of 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, 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: CN_Doccheck@ss.com

South of No. 5 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jangsu) Plick 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

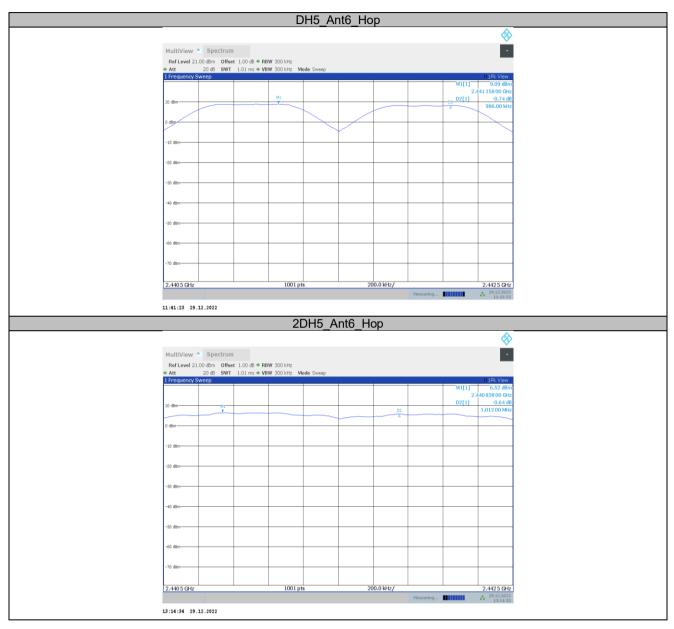
www.sgsgroup.com.cn

sgs.china@sgs.com

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 49 of 103



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. 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. *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, 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+5厂房商都 邮编: 215000 t (86-512) 62992980

		Re Pa	ev.: 02	VM2212000309RG02 of 103
	3	DH5_Ant6_Hop		
Ref Level 21 Att	Spectrum 00 dBm Offset 1.00 dB * RBW 300 kHz 20 dB SWT 1.01 ms * VBW 300 kHz 1	Mode Sweep	•	
1 Frequency S	weep		01Pk View M1[1] 6.51 dBm	
10 dBm			2.440 844 00 GHz D2[1] -0.76 dB	
		D2	1.030 00 MHz	
0 d8m				
-10 dBm				
-20 dēm				
-30 d8m				
-40 d8m				
-50 dBm				
-60 dam				
*OU UBM***				
-70 dBm				
2.440 5 GHz	1001 g	ots 200.0 kHz/	2.442 5 GHz	
2.440.3 GH2	-		easuring 29.12.2022 13:46:51	
13:46:51 29.	12,2022		13:46:51	
	** *****			



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,

Constant No. Flow Text No. Runsheing Read, Sundou Industries Henk, Starbou Area, Chira (Alangsu) Flixt Fiee Trade Znne 215000 t (86-512) 62992980 中国・苏州・中国(江苏)自由贸易試验区苏州片区苏州工业国区润胜商に号的5月厂房南部 邮集: 215000 t (86-512) 62992980

www.sgsgroup.com.cn

sgs.china@sgs.com

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 51 of 103

Time of occupancy Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant6	Нор	0.37	320	0.118	≤0.4	PASS
DH3	Ant6	Нор	1.62	160	0.259	≤0.4	PASS
DH5	Ant6	Нор	2.87	106.67	0.306	≤0.4	PASS
2DH1	Ant6	Нор	0.37	320	0.118	≤0.4	PASS
2DH3	Ant6	Нор	1.63	160	0.261	≤0.4	PASS
2DH5	Ant6	Нор	2.87	106.67	0.306	≤0.4	PASS
3DH1	Ant6	Нор	0.37	320	0.118	≤0.4	PASS
3DH3	Ant6	Нор	1.62	160	0.259	≤0.4	PASS
3DH5	Ant6	Нор	2.87	106.67	0.306	≤0.4	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.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 df Mo. 6 Plant, Mo. T, Runsheng Road, Suzhou Industrial Park, Suzhou Area, Chira (Jangsu) Plikt Fee Trade Znne
 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路1号的5月厂房南部
 邮编: 215000
 t (86-512) 62992980

www.sgsgroup.com.cn

sgs.china@sgs.com

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 52 of 103

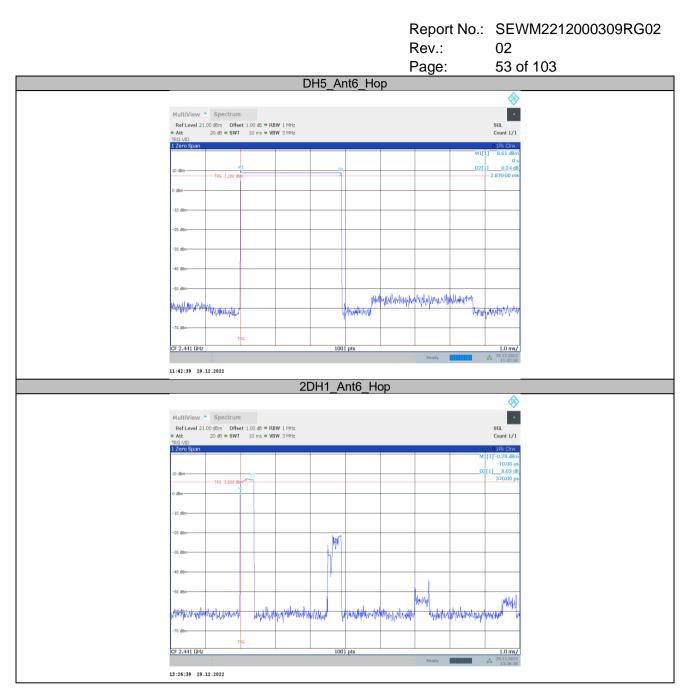






Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, subject to Terms and Conditions 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*

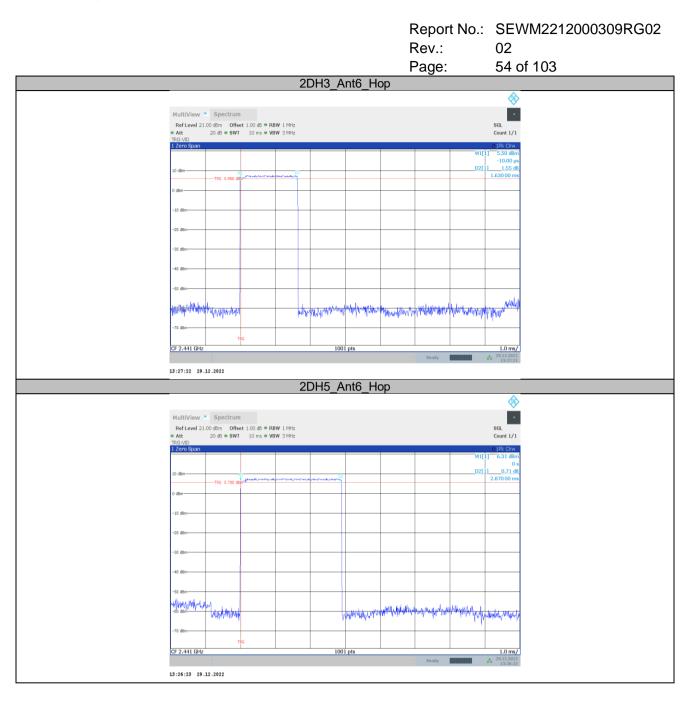
South of No. 6 Plant, No. 1, Runsleng Road, Starbou industrial Plant, Suzhou Anea, Chine (Langsu) Plot Free Trade Zone 215000 t (86-512) 62992980 中国・苏州・中国(江苏)自由贸易试验区苏州上区苏州工业园区测胜路(号約+5厂房商都 邮编: 215000 t (86-512) 62992980





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.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*

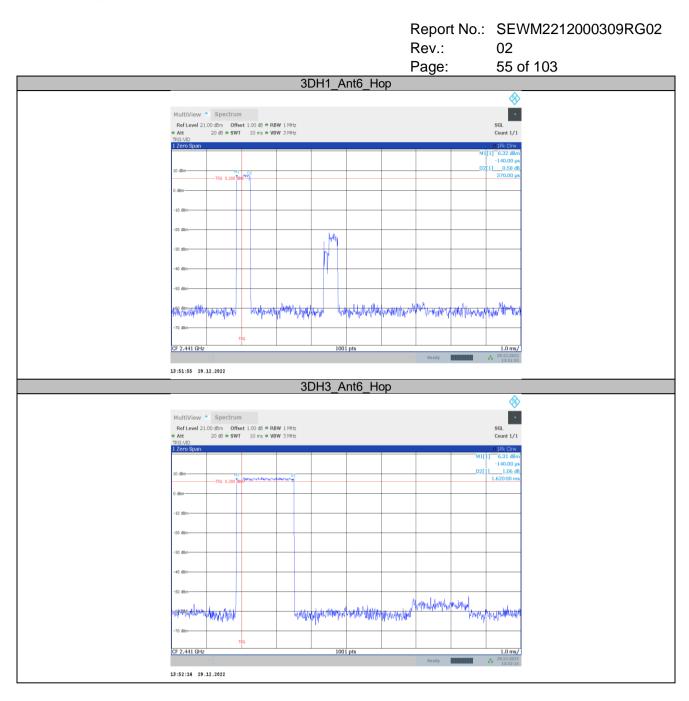
SouthurtNo.6 Plant.Mo.1, Ranshang Road, Suzhou Industrial Plant, Suzhou Avea, China (Jaingsu) Plat Free Trade Zone 215000 t (86-512) 中国 - 苏州 - 中国(江苏)自由貿易這些区苏州片区苏州工业団区測曲器1号約0号厂房南部 邮编: 215000 t (86-512)





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*

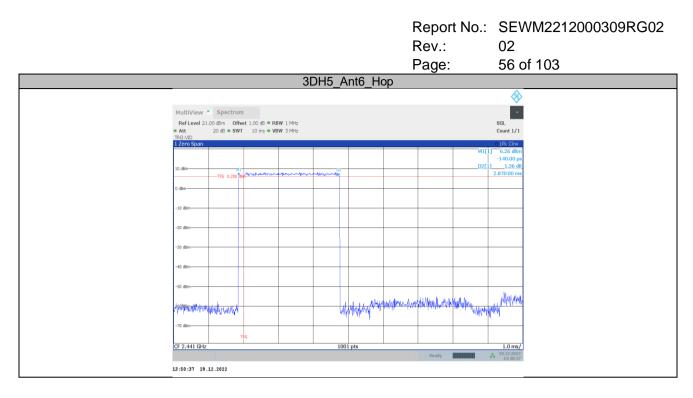
South of No. 5 Plant, No. 1, Ransheng Road, Suchou Hudariai Park, Suchou Area, China (Jangsai) Plat Free Trade Zone 215000 t (86 中国 - 苏州 - 中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6月厂房南部 卸線: 215000 t (86





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, 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





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. 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

www.sgsgroup.com.cn

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 57 of 103

Number of hopping channels Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant6	Нор	79	≥15	PASS
2DH5	Ant6	Нор	79	≥15	PASS
3DH5	Ant6	Нор	79	≥15	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, 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. 5 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, Chira (Jangsu) Pliot Free 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园区润胜着1号的6号厂房南部 邮集: 215000 t (86-512) 62992980

www.sgsgroup.com.cn

sgs.china@sgs.com

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 58 of 103



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 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. 6 Plant, Ma. 1, Runsheng Road, Suzhou Industrial Plant, Suzhou Area, Chine (Jaingsu) Pluit Fiee Trade Zone 215000 t (86-512) 62999 中国 - 苏州 - 中国 (江苏) 自由貿易減量区苏州片区苏州工业団区洞睢路1号的号厂房南部 邮编: 215000 t (86-512) 62999

					Report No Rev.: Page:	02	VM2212000309RG02 of 103
			3DH5_An	it6_Hop			
		im fset 1.00 dB ● RBW 300 kHz VT 1.01 ms ● VBW 300 kHz				•	
	1 Frequency Sweep					01Pk View	
	10 dBm						
	0 pBm		mm	mmm	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	www	
	-10 dBm						
	-20 dBm						
	G ³⁰ d8m−					-	
	-40 dBm						
	-50 dBm					4	
	-60 dBm						
	-70 dBm						
	2.4 GHz	100	01 pts	8.35 MHz/	1 1	2.483 5 GHz	
	-				- Measuring	29.12.2022 13:50:23	
1	L3:50:23 29.12.2022						
ĺ	~	10	e a prod	9699 HTL2	- Measuring	29.12.2022 13:50:23	



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,

Constant No. Flow Text No. Runsheing Read, Sundou Industries Henk, Starbou Area, Chira (Alangsu) Flixt Fiee Trade Znne 215000 t (86-512) 62992980 中国・苏州・中国(江苏)自由贸易試验区苏州片区苏州工业国区润胜商に号的5月厂房南部 邮集: 215000 t (86-512) 62992980

www.sgsgroup.com.cn

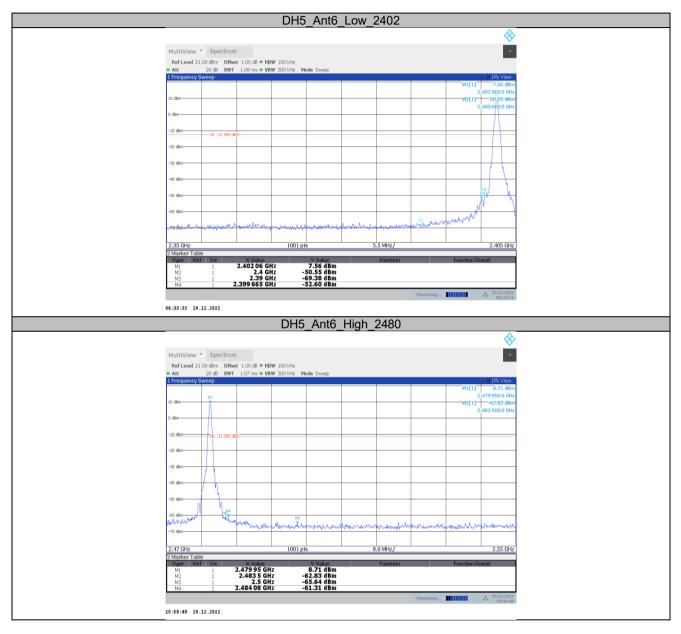
 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 60 of 103

Band edge measurements

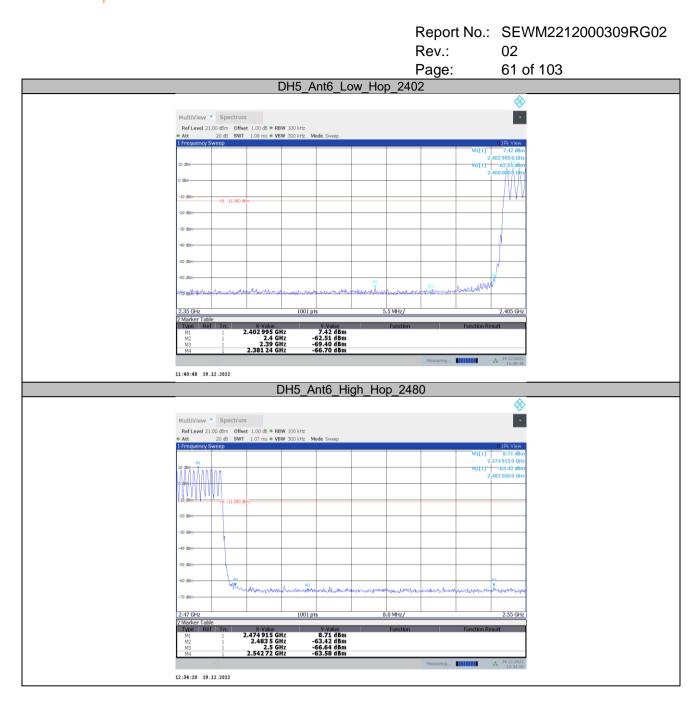
Test Graphs





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.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,

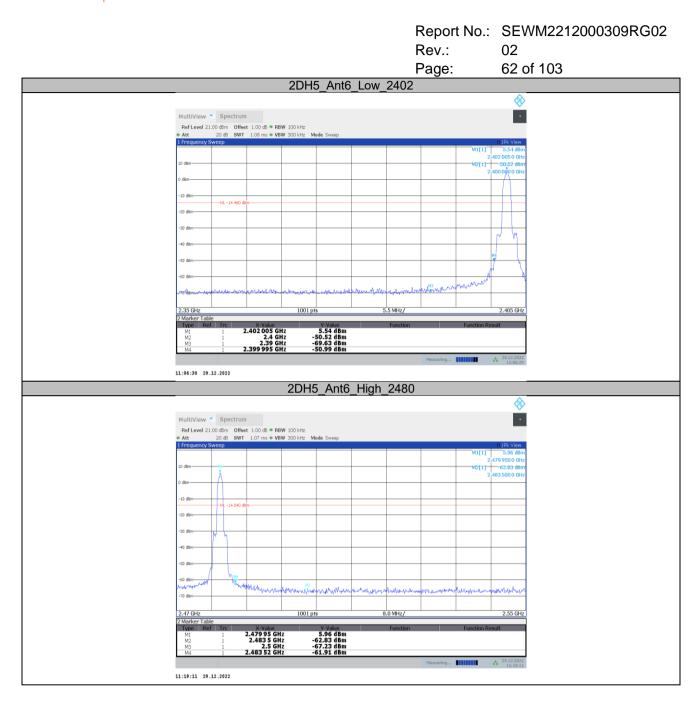
South of No. 6 Plant, No. 1, Runshang Road, Suzhou Holashia Park, Suzhou Area, Chine (Jiangsu) Plot Free Trade Zone 215000 中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业园区湖胜路1号的6号厂房南部 卸编: 215000





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*

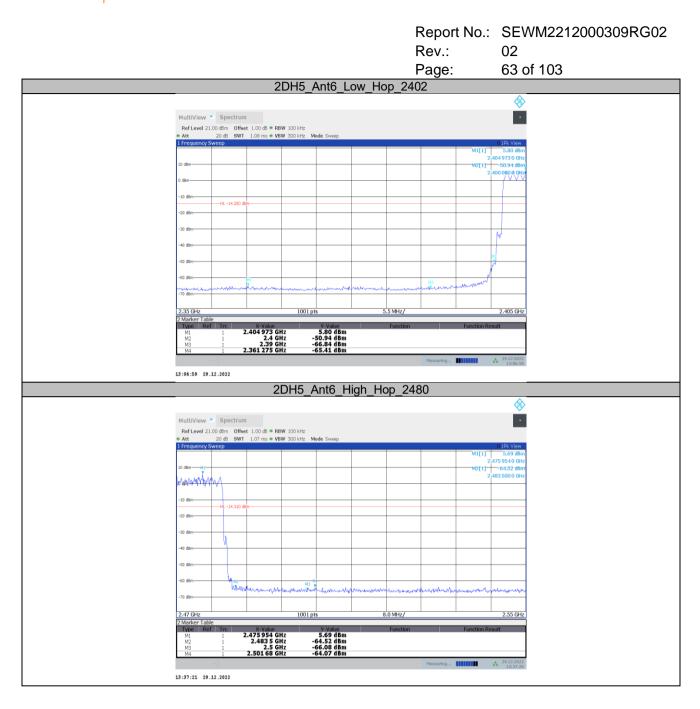
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Plant, Suzhou Area, Chine (Liangsu) Plot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业国区湖胜路1号的4号厂房南部 邮编: 215000





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 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) 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*.

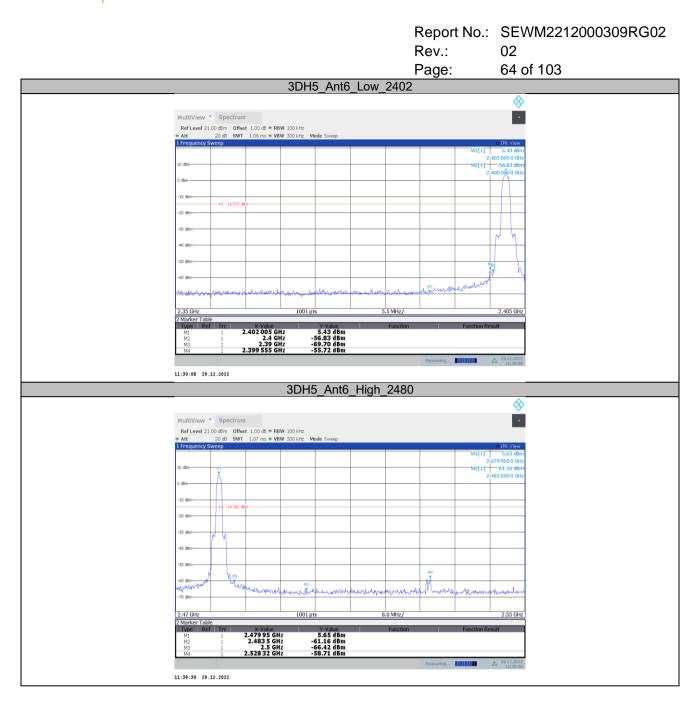
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区调胜路1号约6号厂房南部 邮编: 215000





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*

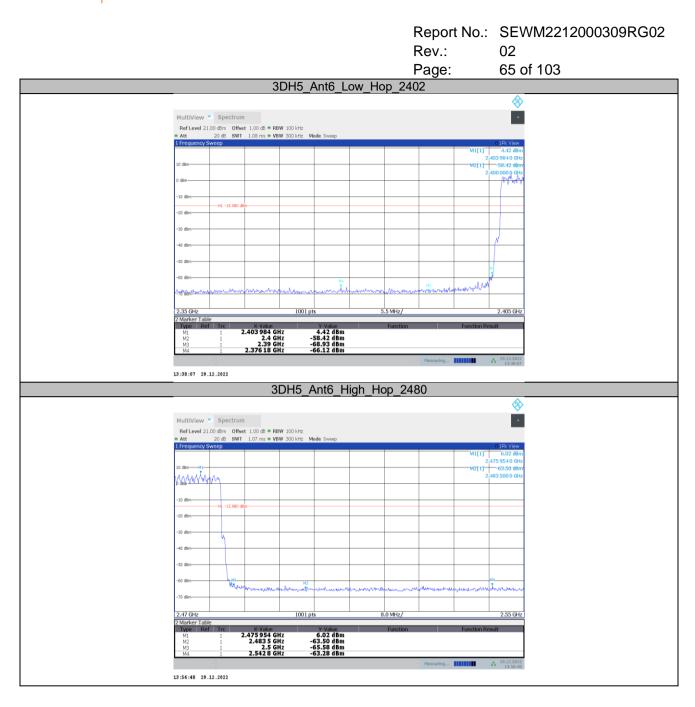
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, Chine (Liangsu) Plot Free Trade Zone 215000 中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业园区漫胜路1号的4号厂房南部 邮编: 215000





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园区润脏路1号约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*

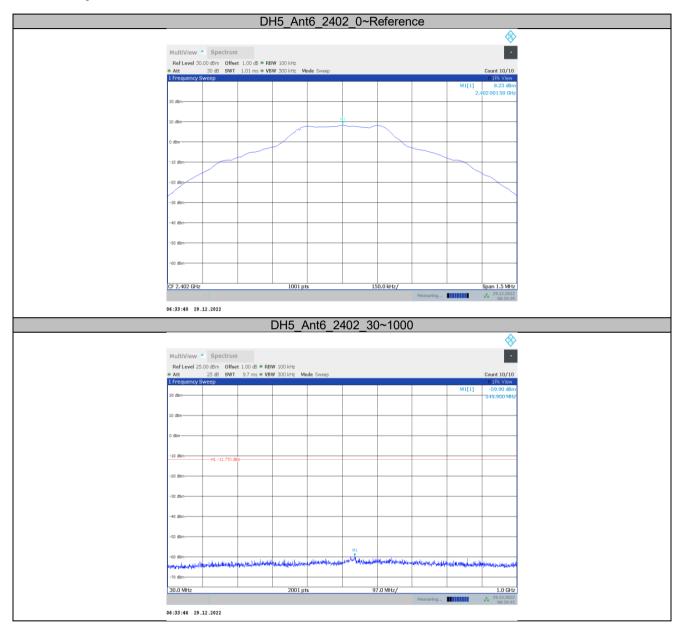
South of No. 6 Plant, No. 1, Runsheng Read, Suzhou Industria Park, Suzhou Area, China (Jiangsu) Pliot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区消胜路1号约6号厂房南部 郎编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 66 of 103

Conducted Spurious Emission Test Graphs

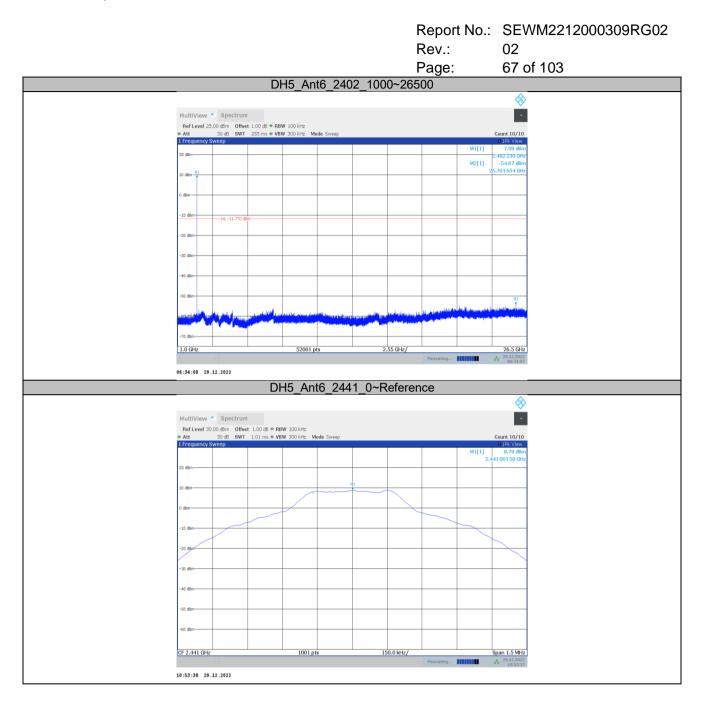




Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, 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 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) is restended 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: Ch. Doccheck Openson: Contact us at telephone: (86-75) 8307 1443, or email: Ch. Doccheck Contact us at telephone: (86-75) 8307 1443, or email: Ch. Doccheck Contact us at telephone: (86-75) 8307 1443, or email: Ch. Doccheck Contact us at telephone: (86-75) 8307 1443, or email: Ch. Doccheck Contact us at telephone: (86-75) 8307 1443, or email: Ch. Doccheck Contact us at telephone: (86-75) 8307 1443, or email: Ch. Doccheck Contact us at telephone: (86-75) 8307 1443, or email: Ch. Doccheck Contact us at telephone: (86-75) 8307 1443, or email: Ch. Doccheck Contact us at telephone: (86-75) 8307 1443, or email: Ch.

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

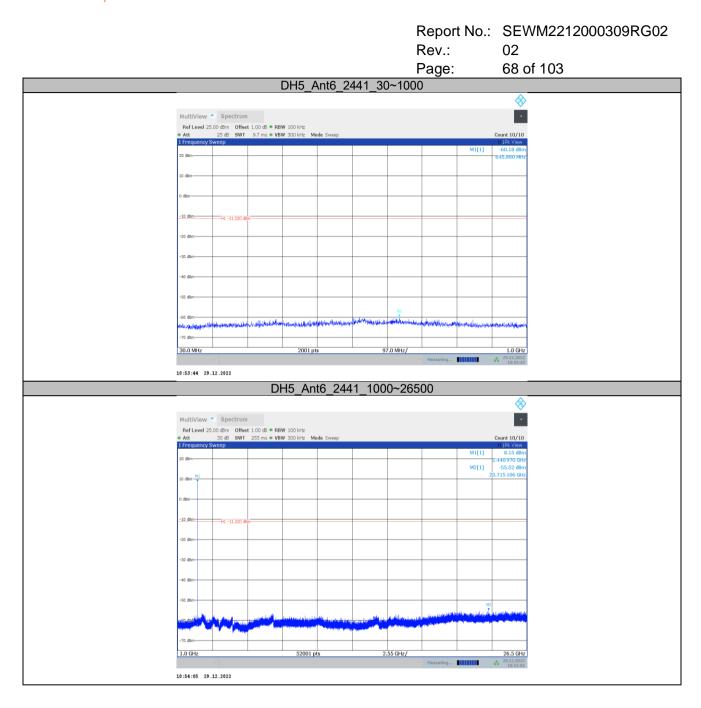
	,,
t (86-512) 62992980	www.sgsgroup.com.cn
t (86-512) 62992980	sgs.china@sgs.com





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*

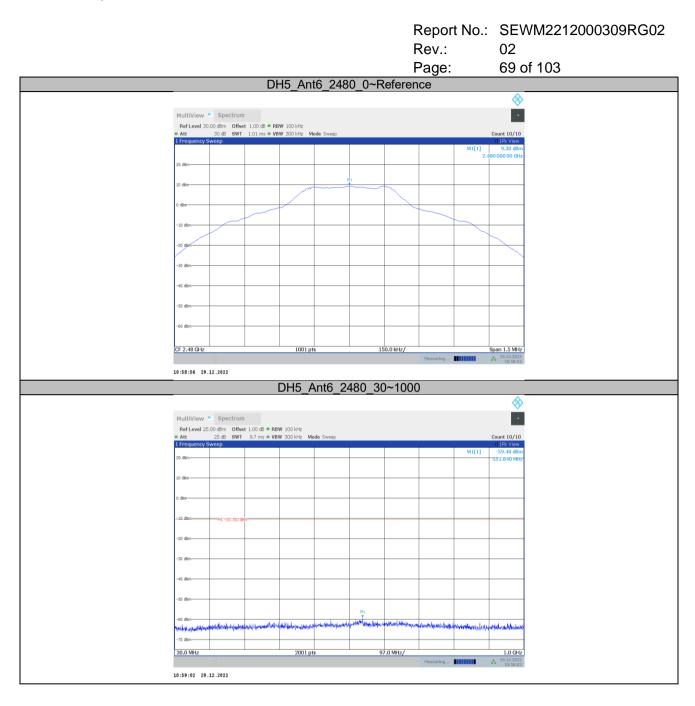
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou hudushial Plant, Suzhou Area, Chine (Langsu) Plot Free Trade Zone 215000 tt () 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业国区混胜路(号約4号厂房南部 邮编: 215000 tt ()





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, 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*

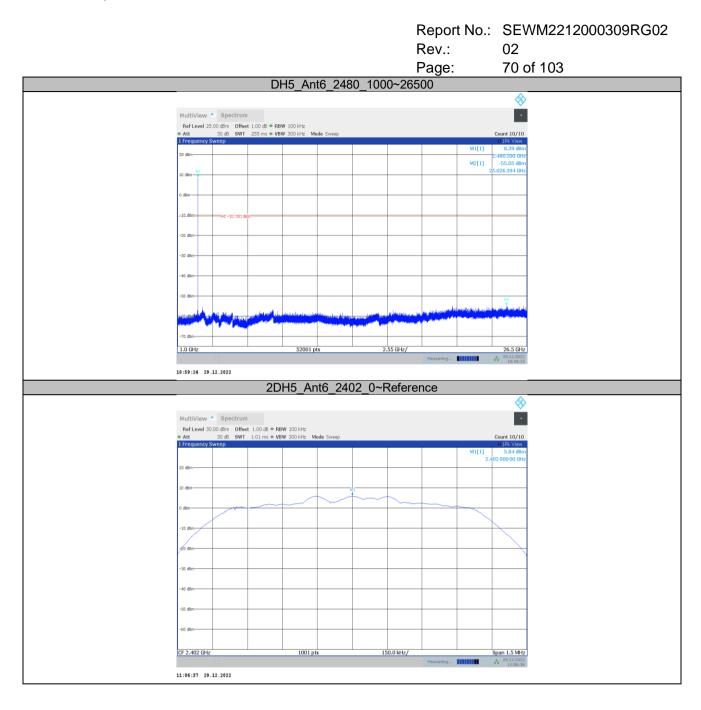
South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jangsai) Plot Free Trade Zone 215000 t (86-512 中国 - 苏州 - 中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6月厂房南部 卸编: 215000 t (86-512





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*

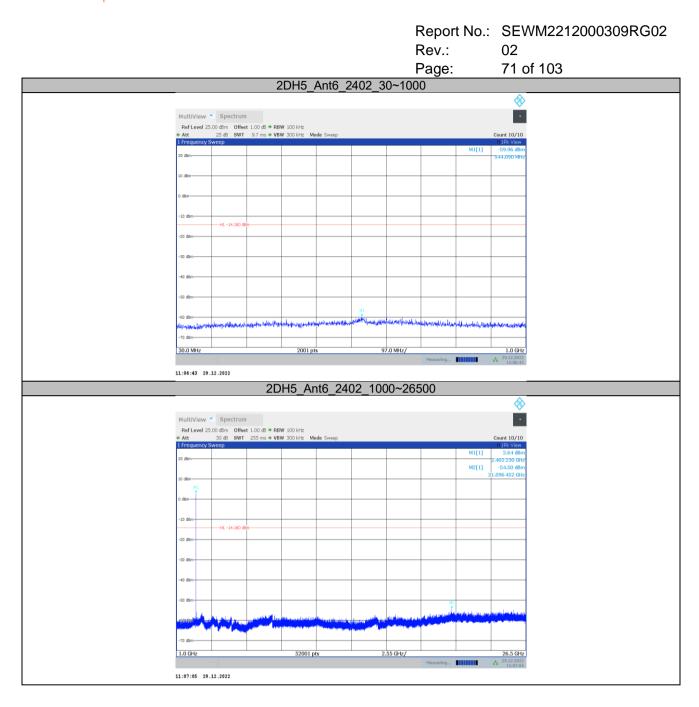
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Plant, Suzhou Area, Chine (Janogua) Plot Free Trade Zone 215000 t (86--中国 - 苏州 - 中国 (江苏)自由貿易试验区苏州上区苏州工业団区洞脏路1号的6月厂房南部 邮编: 215000 t (86--5





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. 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. *Aremabil* 10 Decohards of Lesting inspection report à certificate, please contact us at telephone: (86-755) 8307 1443, *Aremabil*.

South of No. 6Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pikt 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 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 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.

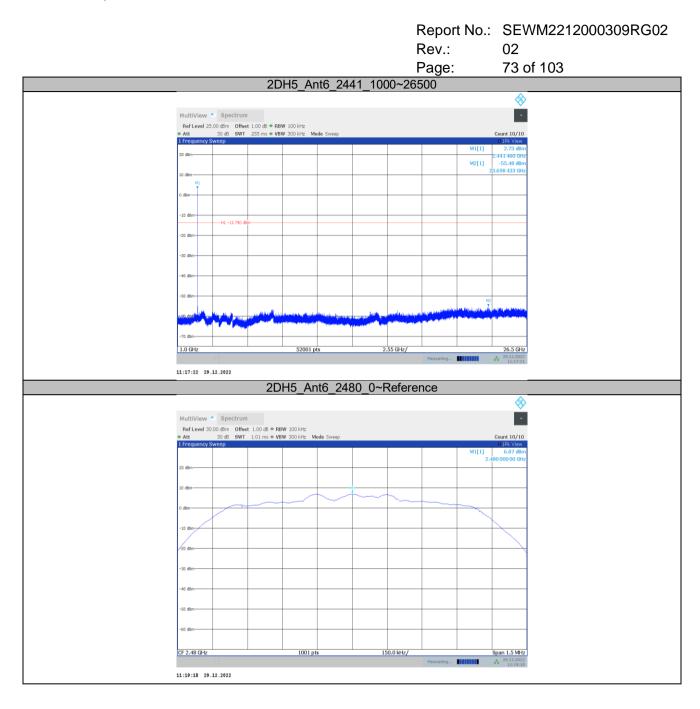
South of No. 6 Plant, No. 1, Runsheng Road, Starbou Industrial Park, Suzhou Anea, Chine (Jangsu) Plot Free Trade Zone 215000 t (86-512) 62992980 中国・苏州・中国(江苏)自由贸易试验区苏州上区苏州工业园区测胜路(号約6号厂房角部 邮编: 215000 t (86-512) 62992980





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*

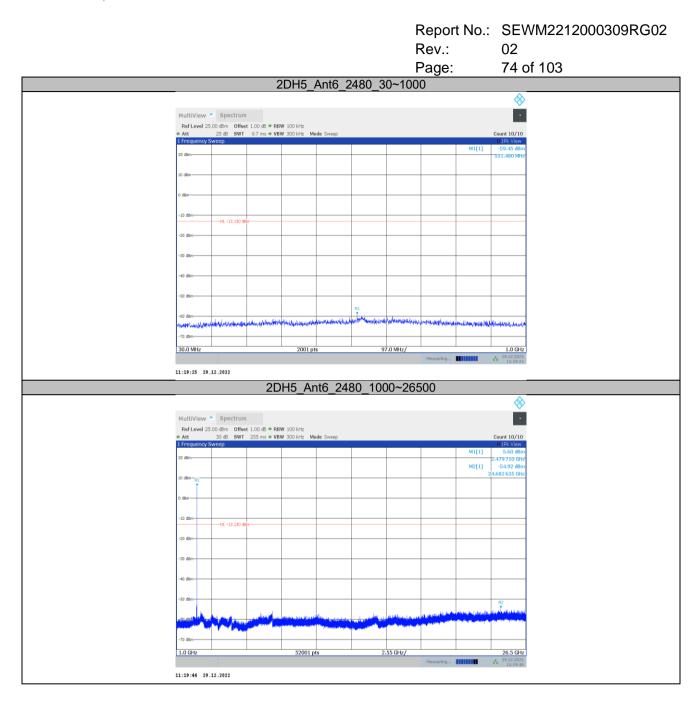
South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industriai Plant, Suchou Area, China (Liangou) Plot Fires Tande Zone 215000 t (86-51 中国 - 苏州 - 中国 (江苏) 自由現場試验区苏州片区苏州工业団区润脏酸1号的5号厂房南部 戦場: 215000 t (86-51





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/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 itelephone: (86-755) 8307 1443, Aremandir 10 Decohards of Lesting inspection report à certificate, please contact us at itelephone: (86-755) 8307 1443,

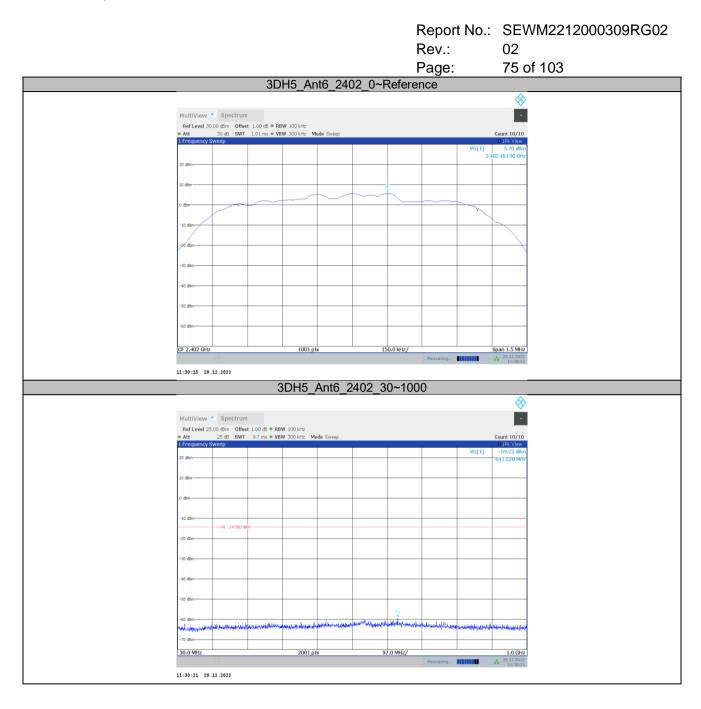
South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jangssi) Plot Free Trade Zone 215000 t 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区测能路1号约6号厂房南部 邮编: 215000 tt





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. *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) are tables others: (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) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and samp

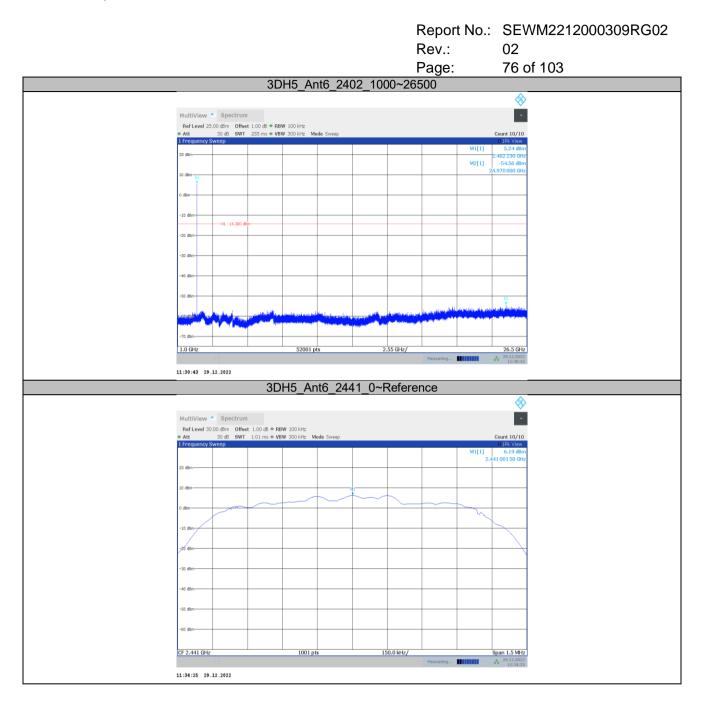
South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industria Park, Suchou Area, Chine (Jangsu) Pliot Firee Trade Zone 215000 t (86-512) 62992980 中国 - 苏州 - 中国 (江苏) 自由現場试验区苏州片区苏州工业屋区消胜着1号約5号厂房南部 単編: 215000 t (86-512) 62992980





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 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) are tables others: (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) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and samp

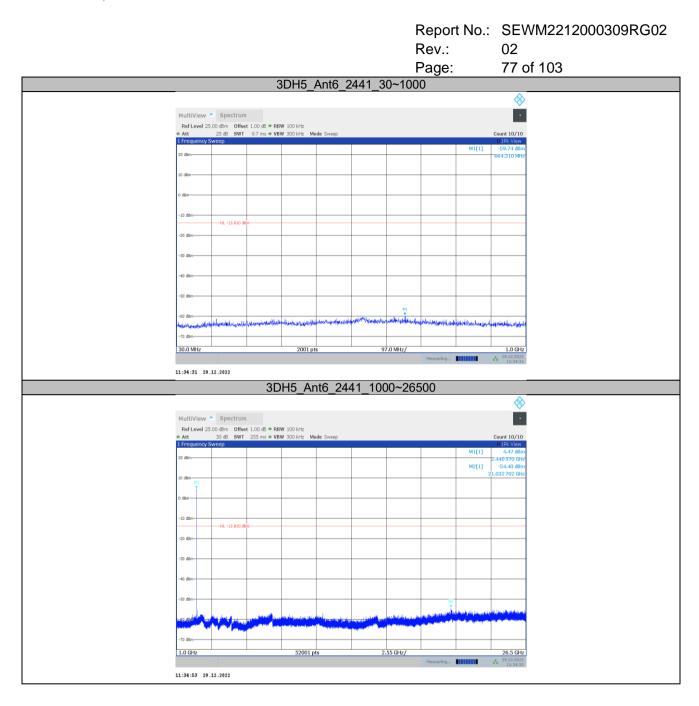
South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Plant, Suchou Area, Chine (Langsu) Plot Free Trade Zone 215000 tt (86-51 中国 - 苏州 - 中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润脏商(号的6号厂房南部 邮编: 215000 tt (86-51





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/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 itelephone: (86-755) 8307 1443, Aremandir 10 Decohards of Lesting inspection report à certificate, please contact us at itelephone: (86-755) 8307 1443,

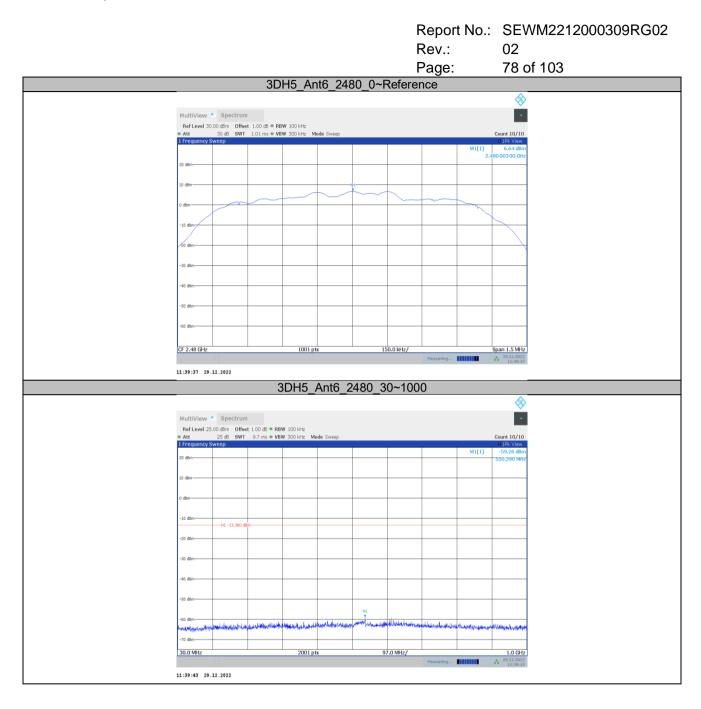
South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, Chine (Liangsu) Plot Free Trade Zone 215000 t 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏路号约%号厂房南部 邮编: 215000 t





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.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) are tables others: (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) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and samp

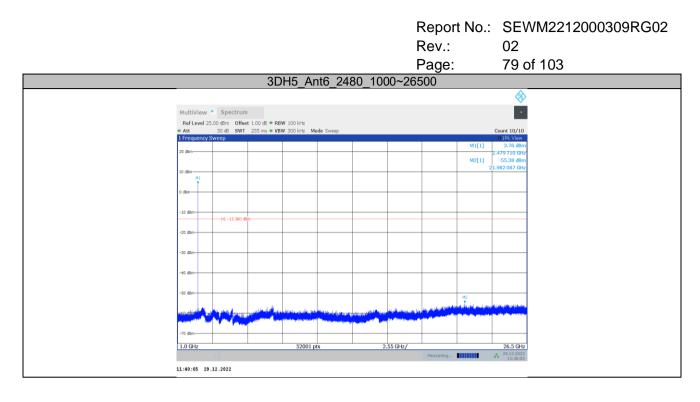
South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jangsai) Plot Free Trade Zone 215000 t (86-512 中国 - 苏州 - 中国 (江苏) 自由貿易減敏区苏州片区苏州工业局区測世路1号約6月7 房南部 卸编: 215000 t (86-512





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*.

SouthorNo.6 Plant, No.1, Rundsharg Road, Suzhou Industrial Plant, Suzhou Anea, Chine (Langsu) Plot Free Trade Zone 215000 t (86-5 中国・苏州・中国(江苏)自由貿易試達区苏州上区苏州工业団区調胜路1号約6号「房南都 敏樂: 215000 t (86-5





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, 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

Report No.: SEWM2212000309RG02 Rev.: 02 Page: 80 of 103

Duty Cycle Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
		2402	2.89	3.76	76.86	1.14
DH5	Ant6	2441	2.89	3.76	76.86	1.14
		2480	2.89	3.76	76.86	1.14
		2402	2.89	3.76	76.86	1.14
2DH5	Ant6	2441	2.89	3.75	77.07	1.13
		2480	2.89	3.75	77.07	1.13
		2402	2.89	3.75	77.07	1.13
3DH5	Ant6	2441	2.89	3.75	77.07	1.13
		2480	2.89	3.75	77.07	1.13

Note:

1. Duty cycle = on time / 100 ms = 2 * 2.89 / 100 = 5.78%

2. Duty cycle Correction factor = 20*log (Duty cycle) = -24.76dB



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service p overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format docum subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format docum Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this docum advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the lin Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate partle transaction from exercising all their rights and obligations under the transaction documents. This document cannot be repro except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the con-tresult is shown in this test report refer only to the sample(s) lested and such sample(s) near estained for 30 days only. content o ne: (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 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路1号的6号厂房南部 邮编: 215000 sgs.china@sgs.com t (86-512) 62992980

www.sgsgroup.com.cn

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 81 of 103

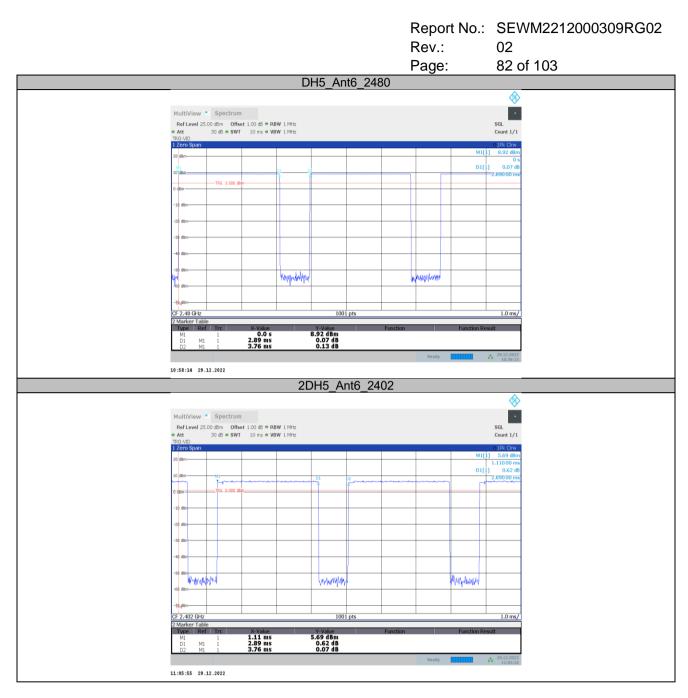


Test Graphs



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) are the sample (b) tested and such sample (b) are the sample (b) are the sample (b) tested and such sample (b) are the sample (b) are the

South of No. 6 Plant, No. 1, Runsheng Road, Suchou 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 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) are tables others: (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) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and samp

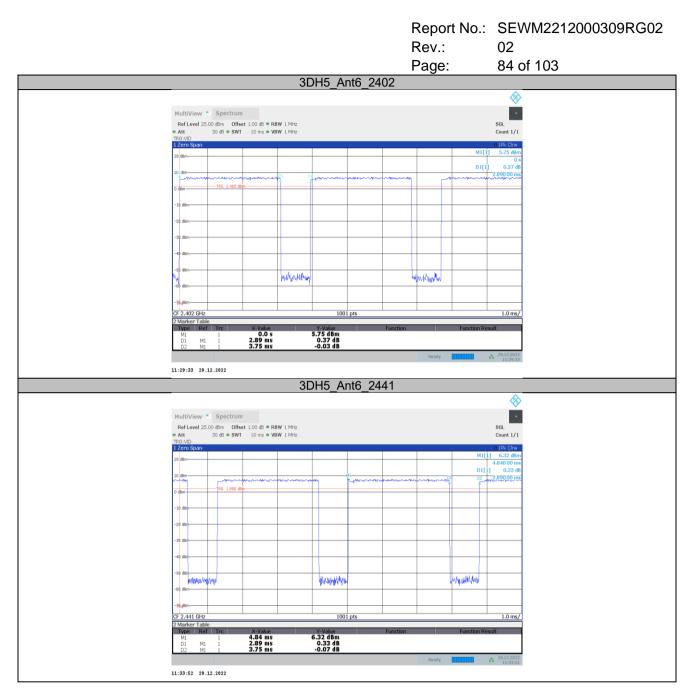
South of No. 6Part, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Plot Free Trade Zone 215000 t 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润脏路1号约6号厂房南部 邮编: 215000 t





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.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) are tables others: (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) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and sample(s) are tables others: (86-75) 8307 1443, *Aremabil* 10 Decohards of the sample(s) lested and samp

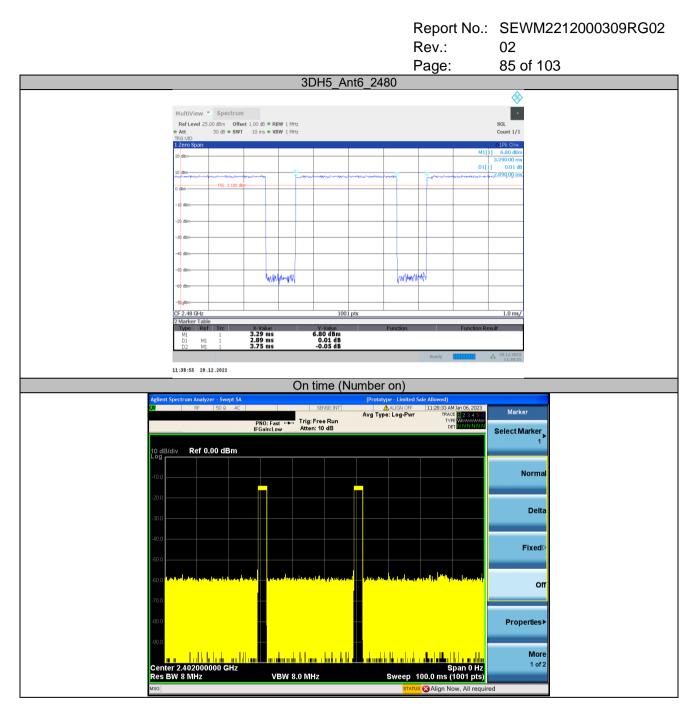
South of No. 6 Plant, No. 1, Runsheng Read, Suchou Industrial Plant, Suchou Area, China (Liangsu) Plot Flee Trade Zone 215000 tt 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区调胜路1号的6号厂房南部 邮编: 215000 tt





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 Road, Such un Industrial Plant, Such ou Area, Chine (Liangou) Plat Flee 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浸胜路1号的4号厂房南部 邮编: 215000 t (





South of No. 6 Plant. No. 1. Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jianosu) 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

检验

与用意 spection & Testing Services

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

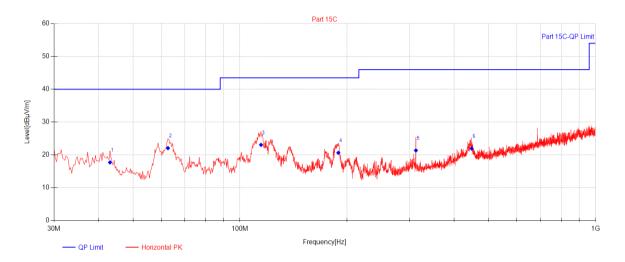
 Page:
 86 of 103

Radiated Spurious Emissions

Radiated emission below 1GHz

For PY7-51629L(parent model) data:

Worst case Mode: GFSK_Channel 00



Fina	I Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	43.095	40.12	-36.23	13.81	17.70	40.00	22.30	215	122	Horizontal
2	62.7375	46.26	-36.43	12.22	22.05	40.00	17.95	145	276	Horizontal
3	114.6325	47.56	-36.15	11.64	23.05	43.50	20.45	196	113	Horizontal
4	189.08	43.52	-35.40	12.51	20.63	43.50	22.87	254	256	Horizontal
5	312.5125	42.58	-34.29	13.06	21.35	46.00	24.65	133	236	Horizontal
6	448.3125	39.11	-33.11	15.93	21.93	46.00	24.07	287	133	Horizontal



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.appx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.appx 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 /inspection report & certificate, please contact us at telehone: (86-755) 8307 1443,

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

Pat 15C Pat

Rev.:

Page:

Fina	Final Data List													
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity				
1	37.275	47.16	-36.39	13.70	24.47	40.00	15.53	245	334	Vertical				
2	58.615	50.23	-36.36	12.86	26.73	40.00	13.27	165	357	Vertical				
3	76.56	47.59	-35.94	9.82	21.47	40.00	18.53	125	10	Vertical				
4	114.6325	53.20	-36.15	11.64	28.69	43.50	14.81	184	115	Vertical				
5	190.2925	41.22	-35.41	12.22	18.03	43.50	25.47	175	167	Vertical				
6	445.8875	38.89	-33.20	15.87	21.55	46.00	24.45	169	271	Vertical				



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.aga.com/en/Terms-and-Conditions aspx</u> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.aga.com/en/Terms-and-Conditions</u>/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 of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/Inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Stuchou Industrial Park, Stuchou Area, China (Jiangsu) Pikol 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号厂房南部 邮编: 215000 t (86–512) 62992980 www.sgsgroup.com.cn t (86–512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000309RG02

87 of 103

02

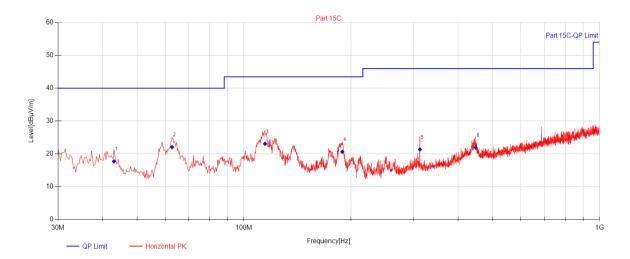
 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 88 of 103

For PY7-97087H (this model)data:

Worst case Mode: GFSK_Channel 39



Final	Final Data List													
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity				
1	43.095	40.12	-36.23	13.81	17.70	40.00	22.30	215	122	Horizontal				
2	62.7375	46.26	-36.43	12.22	22.05	40.00	17.95	145	276	Horizontal				
3	114.6325	47.56	-36.15	11.64	23.05	43.50	20.45	196	113	Horizontal				
4	189.08	43.52	-35.40	12.51	20.63	43.50	22.87	254	256	Horizontal				
5	312.5125	42.58	-34.29	13.06	21.35	46.00	24.65	133	236	Horizontal				
6	448.3125	39.11	-33.11	15.93	21.93	46.00	24.07	287	133	Horizontal				



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.ags.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</u>/Terms-a-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) 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, 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号约6号厂房南部 邮编: 215000

Page: Part 15C 60 Part 15C-QP Limit 50 40 Level[dBµV/m] 30 20 10 0 30M 100M iG Frequency[Hz] - QP Limit

Rev.:

Fina	Final Data List													
NO.	Frequency [MHz]]	Reading [dBµV]	Factor [dB]	AF [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity				
1	37.275	47.16	-36.39	13.70	24.47	40.00	15.53	245	334	Vertical				
2	58.615	50.23	-36.36	12.86	26.73	40.00	13.27	165	357	Vertical				
3	76.56	47.59	-35.94	9.82	21.47	40.00	18.53	125	10	Vertical				
4	114.6325	53.20	-36.15	11.64	28.69	43.50	14.81	184	115	Vertical				
5	190.2925	41.22	-35.41	12.22	18.03	43.50	25.47	175	167	Vertical				
6	445.8875	38.89	-33.20	15.87	21.55	46.00	24.45	169	271	Vertical				

Remark:

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

Value = Reading($dB\mu V$) + AF(dB/m) + Factor(dB):

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier gain(dB)

Margin = Limit($dB\mu V/m$) – Value($dB\mu V/m$)

2) All channels have been tested, but only the worst case data displayed in this report.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-eDocument.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of 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 unlawful and offenders may be prosecuted to the fulles extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@ses.com
Example file & Elevent Mo 1 Durahana Read Surthau Industria Bark Surthau Amo China / Encourt) Blat Enco Tanto Tono 21 E000 + (96 E42) 62002000 unasus economic on on

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.: SEWM2212000309RG02

89 of 103

02

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 90 of 103

Transmitter emission Above 1GHz

For PY7-51629L(parent model) data: GFSK Channel 00

100 90 80 -PK Limit 70 60 _evel[dBµV/m] 50 40 30 20 10 0-1G 2G 3G 4G 6G 8G 18G Frequency[Hz] - PK Limit - Horizontal PK

Data	Data List													
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity				
1	4804.0000	47.51	32.33	-45.54	34.30	74.00	39.70	241	124	Horizontal				
2	4804.0000	-	-	-	9.54	54.00	44.46	-	-	Horizontal				
3	7206.0000	48.29	36.60	-43.44	41.45	74.00	32.55	136	1	Horizontal				
4	7206.0000	-	-	-	16.69	54.00	37.31	-	-	Horizontal				
5	9608.0000	46.00	38.43	-39.65	44.78	74.00	29.22	288	105	Horizontal				
6	9608.0000	-	-	-	20.02	54.00	33.98	-	-	Horizontal				



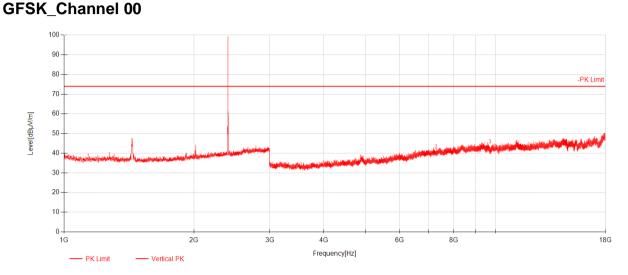
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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, 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.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 91 of 103



Data	Data List													
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity				
1	4804.0000	48.38	32.33	-45.54	35.17	74.00	38.83	248	1	Vertical				
2	4804.0000	-	-	-	10.41	54.00	43.59	-	-	Vertical				
3	7206.0000	47.26	36.60	-43.44	40.42	74.00	33.58	159	196	Vertical				
4	7206.0000	-	-	-	15.66	54.00	38.34	-	-	Vertical				
5	9608.0000	44.25	38.43	-39.65	43.03	74.00	30.97	168	341	Vertical				
6	9608.0000	-	-	-	18.27	54.00	35.73	-	-	Vertical				



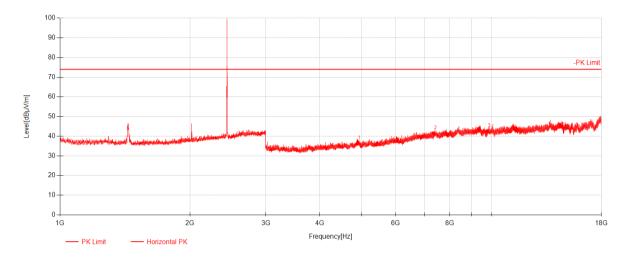
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, subject to Terms and Conditions 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. Unless 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 only. Attention: <u>D otheck the authenticity of testing inspection reports & certificate</u>, please contact us at telephone: (86-75) 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.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 92 of 103



Data	Data List												
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity			
1	4882.0000	49.19	32.55	-45.53	36.21	74.00	37.79	248	87	Horizontal			
2	4882.0000	-	-	-	11.45	54.00	42.55	-	-	Horizontal			
3	7323.0000	48.56	36.53	-43.67	41.42	74.00	32.58	156	1	Horizontal			
4	7323.0000	-	-	-	16.66	54.00	37.34	-	-	Horizontal			
5	9764.0000	43.68	38.26	-39.47	42.47	74.00	31.53	133	108	Horizontal			
6	9764.0000	-	-	-	17.71	54.00	36.29	-	-	Horizontal			



GFSK_Channel 39

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. Unless 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 only. Attention: <u>D otheck the authenticity of testing inspection reports & ertificate</u>, please contact us at telephone: (86-755) 8307 1443,

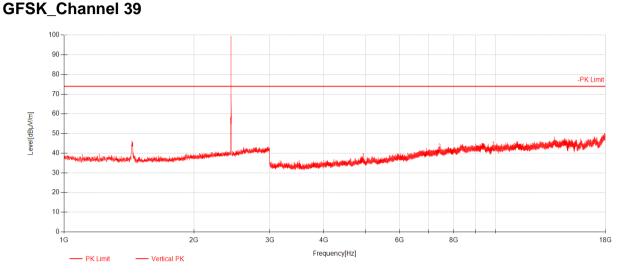
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jangsu) Plot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜寇(号约6号厂房南部 邮编: 215000 t (86–512) 62992980 www.sgsgroup.com.cn t (86–512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 93 of 103



Data	Data List												
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity			
1	4882.0000	48.76	32.55	-45.53	35.78	74.00	38.22	154	0	Vertical			
2	4882.0000	-	-	-	11.02	54.00	42.98	-	-	Vertical			
3	7323.0000	47.90	36.53	-43.67	40.76	74.00	33.24	159	35	Vertical			
4	7323.0000	-	-	-	16.00	54.00	38.00	-	-	Vertical			
5	9764.0000	43.16	38.26	-39.47	41.95	74.00	32.05	169	160	Vertical			
6	9764.0000	-	-	-	17.19	54.00	36.81	-	-	Vertical			



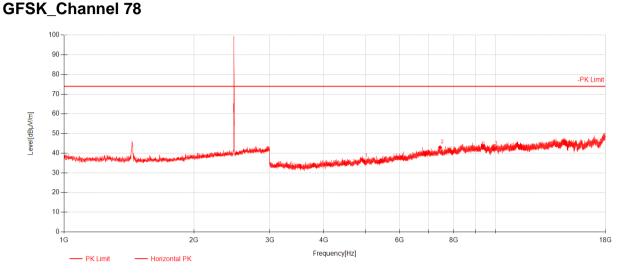
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, subject to Terms and Conditions 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. Unless 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 only. Attention: <u>D otheck the authenticity of testing inspection reports & ertificate</u>, 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.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 94 of 103



Data	Data List												
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity			
1	4960.0000	48.65	32.77	-45.60	35.82	74.00	38.18	245	356	Horizontal			
2	4960.0000	-	-	-	11.06	54.00	42.94	-	-	Horizontal			
3	7440.0000	49.73	36.47	-43.30	42.90	74.00	31.10	126	50	Horizontal			
4	7440.0000	-	-	-	18.14	54.00	35.86	-	-	Horizontal			
5	9920.0000	43.10	38.38	-39.31	42.17	74.00	31.83	218	53	Horizontal			
6	9920.0000	-	-	-	17.41	54.00	36.59	-	-	Horizontal			



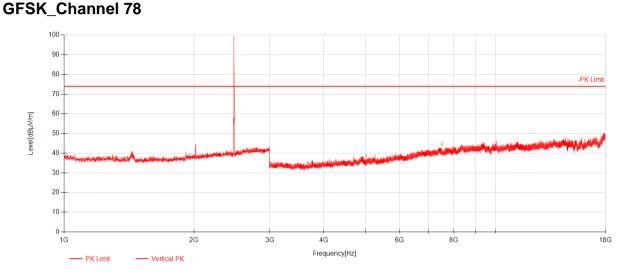
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, subject to Terms and Conditions 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. Unless 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 only. Attention: <u>D otheck the authenticity of testing inspection reports & certificate</u>, please contact us at telephone: (86-75) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Kangsu) Pitot 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.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 95 of 103



Data	Data List												
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity			
1	4960.0000	48.37	32.77	-45.60	35.54	74.00	38.46	187	268	Vertical			
2	4960.0000	-	-	-	10.78	54.00	43.22	-	-	Vertical			
3	7440.0000	48.70	36.47	-43.30	41.87	74.00	32.13	196	356	Vertical			
4	7440.0000	-	-	-	17.11	54.00	36.89	-	-	Vertical			
5	9920.0000	43.08	38.38	-39.31	42.15	74.00	31.85	255	0	Vertical			
6	9920.0000	-	-	-	17.39	54.00	36.61	-	-	Vertical			



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. Unless 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 only. Attention: <u>D otheck the authenticity of testing inspection reports & ertificate</u>, 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

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

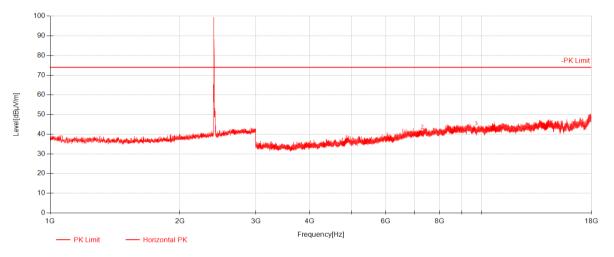
 Page:
 96 of 103

Test for spot check:

For PY7-97087H (this model)data:

Transmitter emission Above 1GHz

GFSK_Channel 00



Data	Data List											
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity		
1	4804.0000	48.73	32.33	-45.54	35.52	74.00	38.48	145	53	Horizontal		
2	4804.0000	-	-	-	10.76	54.00	43.24	-	-	Horizontal		
3	7206.0000	47.69	36.60	-43.44	40.85	74.00	33.15	156	144	Horizontal		
4	7206.0000	-	-	-	16.09	54.00	37.91	-	-	Horizontal		
5	9608.0000	43.73	38.43	-39.65	42.51	74.00	31.49	236	286	Horizontal		
6	9608.0000	-	-	-	17.75	54.00	36.25	-	-	Horizontal		



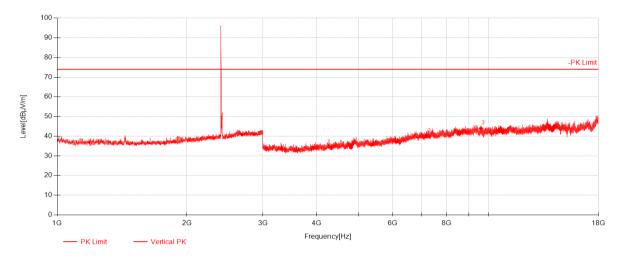
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.ferms-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 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, 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.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 97 of 103



Data	Data List												
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity			
1	4804.0000	47.47	32.33	-45.54	34.26	74.00	39.74	184	324	Vertical			
2	4804.0000	-	-	-	9.50	54.00	44.50	-	-	Vertical			
3	7206.0000	46.75	36.60	-43.44	39.91	74.00	34.09	125	216	Vertical			
4	7206.0000	-	-	-	15.15	54.00	38.85	-	-	Vertical			
5	9608.00000	45.15	38.43	-39.65	43.93	74.00	30.07	169	4	Vertical			
6	9608.0000	-	-	-	19.17	54.00	34.83	-	-	Vertical			

Remark:

GFSK_Channel 00

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

Level = Reading(dBµV) + AF(dB/m) + Factor(dB):

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier gain(dB)

Margin = Limit(dBµV/m) – Level(dBµV/m)

2) All channels have been tested, but only the worst case data displayed in this report.



Unless otherwise agreed in writing, this document is issued by the Com overleaf, available on request or accessible at <u>http://www.sgs.com/enr/Terr</u> subject to Terms and Conditions for Electronic Documents at <u>htp://www.sgs.com/enr/Terr</u> advised that information containee Ohereon reflects the Company's finding advised that information containee Ohereon reflects the Company's finding transaction from exercising all their rights and obligations under the tran except in full, without prior written approval of the Company. Any unauti appearance of this document is unlawful and offenders may be procedured results shown in this test report refer only to the sample(s) tested and such s Attention: To check the authenticity of testing /inspection report & cort or email: CN.Doccheck@sgs.com	is-and-Conditions.aspx and, for electronic format documents, asps.com/en/Terms-and-Conditions/Terms-e-Document.aspx. tion issues defined therein. Any holder of this document is a tat the time of its intervention only and within the limits of Client and this document does not exonerate parties to a saaction documents. This document cannot be reproduced orized alteration, forgery or faisification of the content or to the fullest extent of the law. Unless otherwise stated the ample(s) are retained for 30 days only.	
South of No. 6 Plant No. 1 Runshana Road Surthou Industrial Park Surthou Area China (Jiannou) Pilot Free Trade Zone 2150(10 t (96–512) 6200200 www sasaroup com cn	

Sound of No. Prant, No. 1, Hunshing Hoad, Suznou Industrial Park, Suznou Integ, Unita (Jaingsu) Plot Heal Indue 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

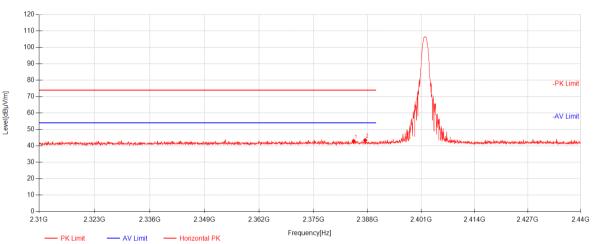
 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 98 of 103

Restricted bands around fundamental frequency

For PY7-51629L(parent model) data: GFSK_Channel 00



Data	Data List												
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity			
1	2384.6633	39.08	27.43	-23.57	42.94	74.00	31.06	233	185	Horizontal			
2	2384.6633	-	-	-	18.18	54.00	35.82	-	-	Horizontal			
3	2387.4367	39.60	27.43	-23.57	43.46	74.00	30.54	233	185	Horizontal			
4	2387.4367	-	-	-	18.70	54.00	35.30	-	-	Horizontal			



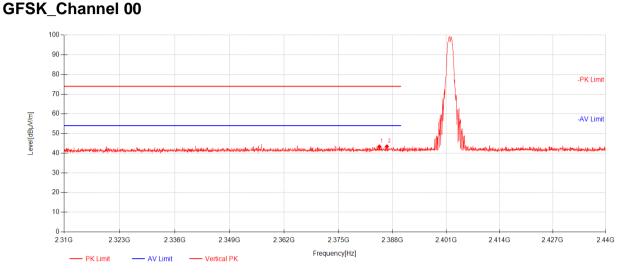
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, subject to Terms and Conditions 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 unlawitui and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in the steat report refer only to the sample(s) lested 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, 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.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 99 of 103



Data	Data List											
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity		
1	2384.8367	39.50	27.43	-23.57	43.36	74.00	30.64	278	66	Vertical		
2	2384.8367	-	-	-	18.60	54.00	35.40	-	-	Vertical		
3	2386.6567	39.54	27.43	-23.57	43.40	74.00	30.60	278	66	Vertical		
4	2386.6567	-	-	-	18.64	54.00	35.36	-	-	Vertical		



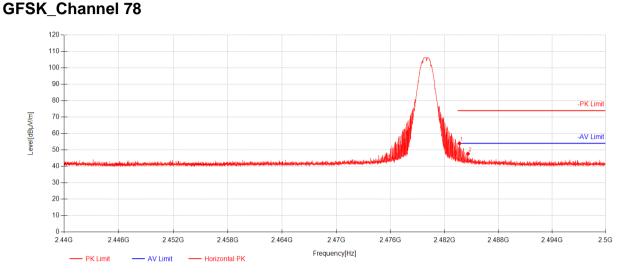
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, subject to Terms and Conditions 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. Unless 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 only. Attention: <u>D otheck the authenticity of testing inspection reports & ertificate</u>, 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脏器1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 100 of 103



Data	Data List											
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity		
1	2483.665	49.80	27.72	-23.54	53.97	74.00	20.03	165	206	Horizontal		
2	2483.665	-	-	-	29.21	54.00	24.79	-	-	Horizontal		
3	2484.6175	43.47	27.72	-23.54	47.64	74.00	26.36	165	206	Horizontal		
4	2484.6175	-	-	-	22.88	54.00	31.12	-	-	Horizontal		



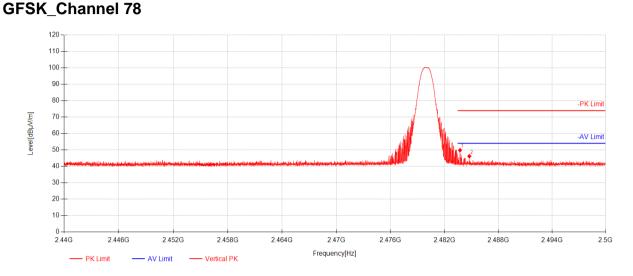
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions.aspx</u> and, for electronic format documents, subject to Terms and Conditions 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. Unless 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 only. Attention: <u>D otheck the authenticity of testing inspection reports & ertificate</u>, please contact us at telephone: (86-755) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Read, Suzhou Industrial Park, Suzhou Area, Chine (Jiangsu) Pitot 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测胜路1号约6号厂房南部 邮编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 101 of 103



Data	Data List											
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity		
1	2483.7325	45.67	27.72	-23.54	49.84	74.00	24.16	155	257	Vertical		
2	2483.7325	-	-	-	25.08	54.00	28.92	-	-	Vertical		
3	2484.775	41.98	27.72	-23.54	46.16	74.00	27.84	155	257	Vertical		
4	2484.775	-	-	-	21.40	54.00	32.60	-	-	Vertical		



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. Unless 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 only. Attention: <u>D otheck the authenticity of testing inspection reports & ertificate</u>, 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脏器1号的6号厂房南部 邮编: 215000

 Report No.:
 SEWM2212000309RG02

 Rev.:
 02

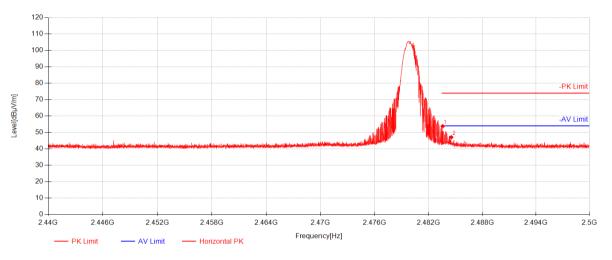
 Page:
 102 of 103

Test for spot check:

For PY7-97087H (this model)data:

Restricted bands around fundamental frequency

GFSK_Channel 78



Data	Data List											
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity		
1	2483.5825	49.62	27.72	-23.54	53.79	74.00	20.21	255	223	Horizontal		
2	2483.5825	-	-	-	29.03	54.00	24.97	-	-	Horizontal		
3	2484.5425	42.89	27.72	-23.54	47.06	74.00	26.94	255	223	Horizontal		
4	2484.5425	-	-	-	22.30	54.00	31.70	-	-	Horizontal		



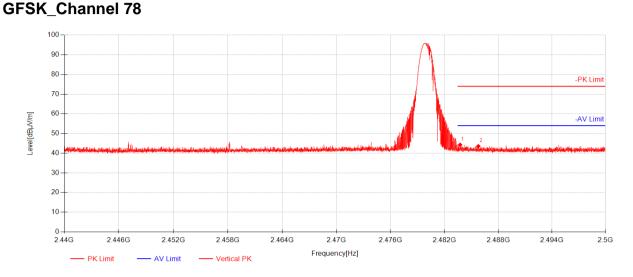
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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, 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.:
 SEWM2212000309RG02

 Rev.:
 02

 Page:
 103 of 103



Data	Data List												
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity			
1	2483.7475	40.10	27.72	-23.54	44.27	74.00	29.73	122	44	Vertical			
2	2483.7475	-	-	-	19.51	54.00	34.49	-	-	Vertical			
3	2485.7725	39.35	27.72	-23.54	43.53	74.00	30.47	122	44	Vertical			
4	2485.7725	-	-	-	18.77	54.00	35.23	-	-	Vertical			

Remark:

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

$$\begin{split} & \text{Level} = \text{Reading}(dB\mu V) + \text{AF}(dB/m) + \text{Factor}(dB): \\ & \text{AF} = \text{Antenna Factor}(dB/m) \\ & \text{Factor} = \text{Cable Factor}(dB) - \text{Preamplifier gain}(dB) \\ & \text{Margin} = \text{Limit}(dB\mu V/m) - \text{Level}(dB\mu V/m) \end{split}$$

---End of Report---



South of No. 6 Plant, No. 1, Runsheng Read, Studhou Industrial Park, Studhou 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4号厂店南部 邮编: 215000