

SZEMC-TRF-01 Rev. A/0 Aug01.2022

Report No.: SZCR230400096203

Page: 1 of 142

TEST REPORT

SZCR2304000962AT **Application No.:**

Applicant: KanDao Technology Co., Ltd.

503, Building 1, Dayun Soft Parts Town, 8288 Longgang Avenue, Yuanshan **Address of Applicant:**

Street, Longgang District, Shenzhen, China

Manufacturer: KanDao Technology Co., Ltd.

Address of Manufacturer: 503, Building 1, Dayun Soft Parts Town, 8288 Longgang Avenue, Yuanshan

Street, Longgang District, Shenzhen, China

Factory: SKY LIGHT ELECTRONIC (SHENZHEN) LIMITED

Address of Factory: 1F-2F OF NO.9, 1F-5F OF NO.8, ANTUOSHAN HIGH-TECH. INDUSTRIAL

PARK, SHAER COMMUNITY, SHAJING STREET, BAO'AN DISTRICT,

SHENZHEN CITY, GUANGDONG PROVINCE

Equipment Under Test (EUT):

EUT Name: QooCam 3 Model No.: QCM0301 Trade Mark: KanDao

FCC ID: 2ATPV-KDLN

Standard(s): 47 CFR Part 15, Subpart C 15.247

Date of Receipt: 2023-04-06

2023-04-12 to 2023-04-28 Date of Test:

2023-05-01 Date of Issue:

Test Result: Pass*

EMC Laboratory Manager

Keny. Ku



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 https://www.sgs.com/en/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 sinder at the time of its intervention only and within the limits of Client's fany. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

he fullest extent or the lew. winese some more properly and the property of th

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 2 of 142

	Revision Record							
Version	Chapter	Date	Modifier	Remark				
01		2023-05-04		Original				

Authorized for issue by:		
	Bolisonti	
	Edison Li/Project Engineer	-
	Exic Fu	
	Eric Fu/Reviewer	_





SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 3 of 142

2 **Test Summary**

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

Radio Spectrum Matter Part						
Item	Standard	Method	Requirement	Result		
Conducted Emissions at AC Power Line (150kHz-30MHz)		ANSI C63.10 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.207	Pass		
Conducted Peak Output Power		ANSI C63.10 (2013) Section 11.9.2	47 CFR Part 15, Subpart C 15.247(b)(3)	Pass		
Minimum 6dB Bandwidth		ANSI C63.10 (2013) Section 11.8.1	47 CFR Part 15, Subpart C 15.247a(2)	Pass		
Power Spectrum Density		ANSI C63.10 (2013) Section 11.10.2	47 CFR Part 15, Subpart C 15.247(e)	Pass		
Conducted Band Edges Measurement	47 CFR Part 15,	ANSI C63.10 (2013) Section 11.13.3.2	47 CFR Part 15, Subpart C 15.247(d)	Pass		
Conducted Spurious Emissions	Subpart C 15.247	ANSI C63.10 (2013) Section 11.11	47 CFR Part 15, Subpart C 15.247(d)	Pass		
Radiated Emissions which fall in the restricted bands		ANSI C63.10 (2013) Section 6.10.5	47 CFR Part 15, Subpart C 15.205 & 15.209	Pass		
Radiated Spurious Emissions Below 1GHz		ANSI C63.10 (2013) Section 6.4,6.5	47 CFR Part 15, Subpart C 15.205 & 15.209	Pass		
Radiated Spurious Emissions Above 1GHz		ANSI C63.10 (2013) Section 6.6	47 CFR Part 15, Subpart C 15.205 & 15.209	Pass		





SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 4 of 142

Contents

			Page
1	Cov	er Page	1
2	Toe	Summary	3
_	1631	. Guilliary	
3	Con	tents	4
4	Gen	eral Information	6
	4.1	Details of E.U.T.	
	4.1	Description of Support Units	
	4.3	Measurement Uncertainty	
	4.4	Test Location	
	4.5	Test Facility	
	4.6	Deviation from Standards	
	4.7	Abnormalities from Standard Conditions	
5	Eau	ipment List	o
J	Equ	ipment List	3
6	Rad	io Spectrum Technical Requirement	12
	6.1	Antenna Requirement	12
	6.1.1	1 Test Requirement:	12
	6.1.2	2 Conclusion	12
7	Rad	io Spectrum Matter Test Results	13
	7.1	Conducted Emissions at AC Power Line (150kHz-30MHz)	13
	7.1.1		
	7.1.2	2 Test Mode Description	13
	7.1.3	3 Test Setup Diagram	13
	7.1.4		
	7.2	Conducted Peak Output Power	
	7.2.1		
	7.2.2	-	
	7.2.3	1 3	
	7.2.4		
	7.3	Minimum 6dB Bandwidth	
	7.3.1	1 E.U.T. Operation2 Test Mode Description	
	7.3.2	·	
	7.3.4		
	7.3.2	Power Spectrum Density	
	7.4.1		
	7.4.2	·	
	7.4.3	•	
	7.4.4	· ·	
	7.5	Conducted Band Edges Measurement	





SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 5 of 142

10	Apper	ndix	97
9	EUT C	Constructional Details (EUT Photos)	96
8		Setup Photo	
	7.9.4	Measurement Procedure and Data	
	7.9.3	Test Setup Diagram	
	7.9.2	Test Mode Description	
	7.9.1	E.U.T. Operation	
7.		Radiated Spurious Emissions Above 1GHz	
	7.8.4	Measurement Procedure and Data	
	7.8.3	Test Setup Diagram	
	7.8.2	Test Mode Description	
	7.8.1	E.U.T. Operation	64
7.	.8 F	Radiated Spurious Emissions Below 1GHz	64
	7.7.4	Measurement Procedure and Data	
	7.7.3	Test Setup Diagram	
	7.7.2	Test Mode Description	
	7.7.1	E.U.T. Operation	
7.	.7 F	Radiated Emissions which fall in the restricted bands	
	7.6.4	Measurement Procedure and Data	
	7.6.3	Test Setup Diagram	
	7.6.2	Test Mode Description	
, .	7.6.1	E.U.T. Operation	
7		Conducted Spurious Emissions	
	7.5.3 7.5.4	Measurement Procedure and Data	
	7.5.2 7.5.3	Test Mode Description Test Setup Diagram	
	7.5.1	E.U.T. Operation	24



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

or email: <u>CN. Doccheck@ags.com</u>
| Wo.1 Wortshop, W-10, Middle Section, Science & Technology Park, Nanshan District, Sherchen, Guangdong, Chine 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn
| 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86–755) 26012053 f (86–755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 6 of 142

General Information

4.1 Details of E.U.T.

Power supply:	Rechargeable Li-ion Polymer Battery
	Model: QCMB5027
	Nominal Voltage: 3.85V
	Rate Capacity: 1600mAh/6.16Wh
	Charging Voltage: 4.4V
Operation Fraguency	802.11b/g/n(HT20): 2412MHz to 2462MHz
Operation Frequency:	802.11n(HT40): 2422MHz to 2452MHz
	802.11b: DSSS(CCK, DQPSK, DBPSK)
Modulation Type:	802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK)
	802.11n(HT20 and HT40): OFDM (BPSK, QPSK, 16QAM, 64QAM)
Channel Numbers:	802.11b/g, 802.11n HT20: 11 Channels
Channel Numbers.	802.11n HT40: 7 Channels
Antenna Type:	FPC Antenna
Antenna Gain:	3.45dBi

Remark: The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

4.2 Description of Support Units

Description Manufacturer		Model No.	Serial No.
Adapter	Apple	A1357	REF. No.SEA05A01A



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t(86-755)26012053 f(86-755)26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 7 of 142

4.3 Measurement Uncertainty

Measurement Uncertainty				
± 3.0dB (150kHz to 30MHz)				
± 0.75dB				
± 3%				
± 2.84dB				
± 0.75dB				
± 0.75dB				
± 4.5dB (Below 1GHz);± 4.8dB (Above 1GHz)				
± 4.5dB				
± 4.8dB				

Remark:

The Ulab (lab Uncertainty) is less than Ucispr/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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t(86-755)26012053 f(86-755)26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 8 of 142

4.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China. 518057.

Fax: +86 755 2671 0594 Tel: +86 755 2601 2053

No tests were sub-contracted.

4.5 Test Facility

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

• A2LA (Certificate No. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

VCCI (Member No. 1937)

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co.. Ltd. Shenzhen EMC laboratory have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

FCC –Designation Number: CN1336

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1336. Test Firm Registration Number: 787754.

• Innovation, Science and Economic Development Canada

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

4.6 Deviation from Standards

None

Abnormalities from Standard Conditions

None



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/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 sindengs at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or amali: CND Doccheck@ss.s.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 9 of 142

Equipment List 5

Conducted Emissions at AC Power Line (150kHz-30MHz)						
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date	
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2022-05-14	2025-05-13	
EMI Test Receiver	Rohde&Schwarz	ESCI	SEM004-02	2023-03-20	2024-03-19	
Measurement Software	AUDIX	e3 V8.2014-6- 27a	N/A	N/A	N/A	
Coaxial Cable	SGS	N/A	SEM024-01	2022-07-08	2023-07-07	
LISN	Rohde&Schwarz	ENV216	SEM007-01	2022-09-20	2023-09-19	
LISN	ETS-LINDGREN	3816/2	SEM007-02	2023-03-20	2024-03-19	

Conducted Peak Output Power						
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date	
Power Sensor	TST PASS	TSPS2023R	SEM009-26	2023-04-01	2024-03-31	
Power Sensor	KEYSIGHT	U2021XA	SEM009-16	2023-03-21	2024-03-20	
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2022-10-20	2023-10-19	
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2023-03-21	2024-03-20	
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A	
Coaxial Cable	SGS	N/A	SEM031-01	2022-07-08	2023-07-07	
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2023-03-31	2024-03-30	

Minimum 6dB Bandwidth						
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date	
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2022-10-20	2023-10-19	
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2023-03-21	2024-03-20	
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A	
Coaxial Cable	SGS	N/A	SEM031-01	2022-07-08	2023-07-07	
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2023-03-31	2024-03-30	

Power Spectrum Density							
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date		
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2022-10-20	2023-10-19		
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2023-03-21	2024-03-20		
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A		
Coaxial Cable	SGS	N/A	SEM031-01	2022-07-08	2023-07-07		
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2023-03-31	2024-03-30		



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

or email: <u>CNLDocCheck@sas.com</u> Heil Windshapk, Michia Bedindio Rivar & Heinbarg Park, Heinhal Beldind, Shenzhen, Gungdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.segsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 10 of 142

Conducted Band Edges Measurement							
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date		
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2022-10-20	2023-10-19		
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2023-03-21	2024-03-20		
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A		
Coaxial Cable	SGS	N/A	SEM031-01	2022-07-08	2023-07-07		
Attenuator	Huber+Suhner	6620_SMA-50- 1	SEM021-09	2023-03-31	2024-03-30		

Conducted Spurious Emissions							
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date		
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2022-10-20	2023-10-19		
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2023-03-21	2024-03-20		
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A		
Coaxial Cable	SGS	N/A	SEM031-01	2022-07-08	2023-07-07		
Attenuator	Huber+Suhner	6620_SMA-50- 1	SEM021-09	2023-03-31	2024-03-30		

Radiated Emissions which fall in the restricted bands							
Equipment	Manufacturer	Model No.	Model No. Inventory No.		Cal Due Date		
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2022-04-02	2025-04-01		
Signal Analyzer	Rohde & Schwarz	FSV40	SEM008-04	2023-03-20	2024-03-19		
Horn Antenna	Rohde&Schwarz	HF907	SEM003-07	2022-07-24	2024-07-23		
Microwave system amplifier	Agilent	83017A	SEM005-25	2022-09-21	2023-09-20		
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A		
Coaxial Cable	SGS	N/A	SEM026-01	2022-07-08	2023-07-07		
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	SEM003-15	2022-08-10	2024-08-09		
Pre-Amplifier	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2023-03-20	2024-03-19		



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

or email: <u>CNLDocCheck@sas.com</u> Heil Windshapk, Michia Bedindio Rivar & Heinbarg Park, Heinhal Beldind, Shenzhen, Gungdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.segsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 11 of 142

Radiated Spurious Emissions Below 1GHz							
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date		
Loop Antenna	ETS-Lindgren	6502	SEM003-08	2021-11-30	2023-11-29		
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2020-07-19	2023-07-18		
MXE EMI Receiver	Agilent Technologies	N9038A	SEM004-15	2022-10-20	2023-10-19		
BiConiLog Antenna	ETS-LINDGREN	3142C	SEM003-01	2021-09-17	2023-09-16		
Pre-Amplifier	Agilent Technologies	8447D	SEM005-01	2023-03-20	2024-03-19		
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A		
Coaxial Cable	SGS	N/A	SEM025-01	2022-07-08	2023-07-07		

Radiated Spurious Emissions Above 1GHz							
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date		
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2022-04-02	2025-04-01		
Signal Analyzer	Rohde & Schwarz	FSV40	SEM008-04	2023-03-20	2024-03-19		
Horn Antenna	Rohde&Schwarz	HF907	SEM003-07	2022-07-24	2024-07-23		
Microwave system amplifier	Agilent	83017A	SEM005-25	2022-09-21	2023-09-20		
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A		
Coaxial Cable	SGS	N/A	SEM026-01	2022-07-08	2023-07-07		

General used equipment							
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date		
Humidity/ Temperature Indicator	Mingle	N/A	SEM002-08	2022-09-04	2023-09-03		
Humidity/ Temperature Indicator	· · · · · · · · · · · · · · · · · · ·		SEM002-09	2022-09-04	2023-09-03		
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2023-03-23	2024-03-22		



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

or email: <u>CN. Doccheck@ags.com</u>
| Wo.1 Wortshop, W-10, Middle Section, Science & Technology Park, Nanshan District, Sherchen, Guangdong, Chine 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn
| 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86–755) 26012053 f (86–755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

12 of 142 Page:

6 Radio Spectrum Technical Requirement

Antenna Requirement

6.1.1 Test Requirement:

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

6.1.2 Conclusion

Standard Requirement:

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

15.247(b) (4) requirement:

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

EUT Antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 3.45 dBi.

Antenna location: Refer to internal photo.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Sherzhen, Guangdong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 13 of 142

Radio Spectrum Matter Test Results

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

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

Limit:

Frequency of	Conducted limit(dBµV)						
emission(MHz)	Quasi-peak	Average					
0.15-0.5	66 to 56*	56 to 46*					
0.5-5	56	46					
5-30	60 50						
*Decreases with the logarithm of	*Decreases with the logarithm of the frequency.						
Detector: Peak for pre-scan (9kh	Hz resolution bandwidth) 0.15M to 30	MHz					

7.1.1 E.U.T. Operation

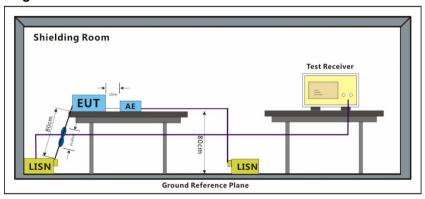
Operating Environment:

Temperature: 22.1 °C Atmospheric Pressure: 1015 mbar Humidity: 50.2 % RH

7.1.2 Test Mode Description

	The fact made becomplien					
Pre-scan / Final test	Mode Code	Description				
Final test	10	Charge + TX mode_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.				

7.1.3 Test Setup Diagram





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t(86-755)26012053 f(86-755)26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 14 of 142

7.1.4 Measurement Procedure and Data

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50µH + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane.
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

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



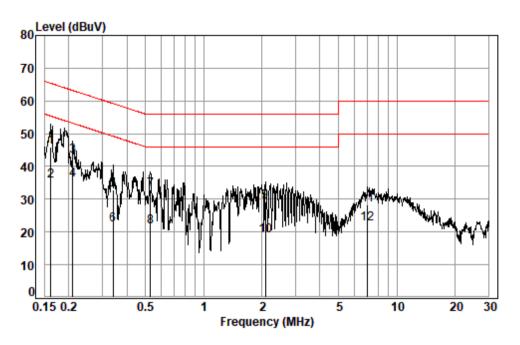


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 15 of 142

Test Mode: 10; Line: Live line



: Shielding Room

Condition: Line Job No. : 00962AT

Test mode: 10

		Cable	LISN	Read		Limit	0ver	
	Freq	Loss	Factor	Level	Level	Line	Limit	Remark
								
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1615	0.03	9.76	36.24	46.03	65.38	-19.35	OP
2	0.1615	0.03	9.76	25.91	35.70			Average
3	0.2094	0.04	9.76	33.27	43.07		-20.16	_
4 *	0.2094	0.04	9.76	26.02	35.82	53.23	-17.41	Average
5	0.3392	0.05	9.76	23.05	32.86	59.22	-26.36	QP
6	0.3392	0.05	9.76	12.49	22.30	49.22	-26.92	Average
7	0.5293	0.06	9.76	23.15	32.97	56.00	-23.03	QP
8	0.5293	0.06	9.76	11.88	21.70	46.00	-24.30	Average
9	2.0879	0.11	9.82	19.32	29.25	56.00	-26.75	QP
10	2.0879	0.11	9.82	8.82	18.75	46.00	-27.25	Average
11	7.0622	0.18	10.02	17.94	28.14	60.00	-31.86	QP
12	7.0622	0.18	10.02	12.31	22.51	50.00	-27.49	Average



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 16 of 142



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

or email: <u>CN. Doccheck@ags.com</u>
| Wo.1 Wortshop, W-10, Middle Section, Science & Technology Park, Nanshan District, Sherchen, Guangdong, Chine 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn
| 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86–755) 26012053 f (86–755) 26710594 sgs.china@sgs.com

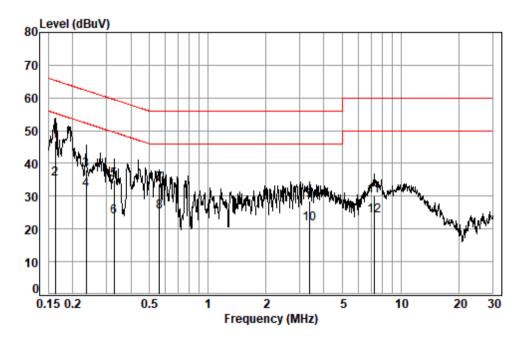


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 17 of 142

Test Mode: 10; Line: Neutral Line



: Shielding Room

Condition: Neutral Job No. : 00962AT

Test mode: 10

	20							
		Cable	LISN	Read		Limit	0ver	
	Freq	Loss	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1624	0.02	0.73	27 15	46 01	CE 34	10 10	OD
1 *	0.1624	0.03	9.73	37.15	46.91	05.54	-18.43	٧٢
2 *	0.1624	0.03	9.73	25.51	35.27	55.34	-20.07	Average
3	0.2353	0.04	9.73	28.36	38.13	62.26	-24.13	QP
4	0.2353	0.04	9.73	22.08	31.85	52.26	-20.41	Average
5	0.3286	0.05	9.74	25.08	34.87	59.49	-24.62	QP
6	0.3286	0.05	9.74	13.85	23.64	49.49	-25.85	Average
7	0.5611	0.06	9.74	24.02	33.82	56.00	-22.18	QP
8	0.5611	0.06	9.74	15.30	25.10	46.00	-20.90	Average
9	3.3814	0.13	9.85	18.66	28.64	56.00	-27.36	QP
10	3.3814	0.13	9.85	11.59	21.57	46.00	-24.43	Average
11	7.2518	0.18	10.07	19.76	30.01	60.00	-29.99	QP
12	7.2518	0.18	10.07	13.91	24.16	50.00	-25.84	Average



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 18 of 142



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

or email: <u>CN. Doccheck@ags.com</u>
| Wo.1 Wortshop, W-10, Middle Section, Science & Technology Park, Nanshan District, Sherchen, Guangdong, Chine 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn
| 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86–755) 26012053 f (86–755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 19 of 142

7.2 Conducted Peak Output Power

Test Requirement 47 CFR Part 15, Subpart C 15.247(b)(3) Test Method: ANSI C63.10 (2013) Section 11.9.2

Limit:

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

7.2.1 E.U.T. Operation

Operating Environment:

Humidity: 51.7 % RH Atmospheric Pressure: 1015 mbar Temperature: 26.0 °C

7.2.2 Test Mode Description

7.Z.Z Test IV	loue De	scription
Pre-scan / Final test	Mode Code	Description
Pre-scan	09	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Final test	10	Charge + TX mode_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

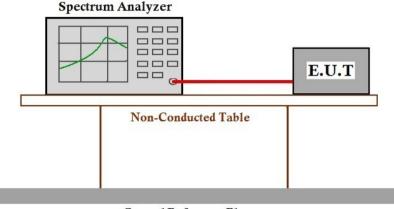


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 20 of 142

7.2.3 Test Setup Diagram



Ground Reference Plane

7.2.4 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

Please Refer to Appendix for Details



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 21 of 142

7.3 Minimum 6dB Bandwidth

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

Limit: ≥500 kHz

7.3.1 E.U.T. Operation

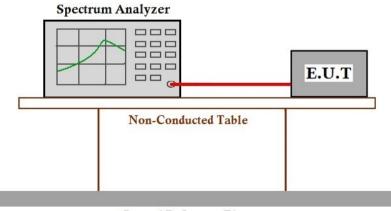
Operating Environment:

Temperature: 26.0 °C Humidity: 51.7 % RH Atmospheric Pressure: 1015 mbar

7.3.2 Test Mode Description

7.3.2 Test mode Description									
Pre-scan / Final test	Mode Code	Description							
Pre-scan	09	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.							
Final test	10	Charge + TX mode_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.							

7.3.3 Test Setup Diagram



Ground Reference Plane



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 22 of 142

7.3.4 Measurement Procedure and Data

Please Refer to Appendix for Details





SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 23 of 142

7.4 Power Spectrum Density

Test Requirement 47 CFR Part 15, Subpart C 15.247(e) Test Method: ANSI C63.10 (2013) Section 11.10.2

Limit: ≤8dBm in any 3 kHz band during any time interval of continuous

transmission

7.4.1 E.U.T. Operation

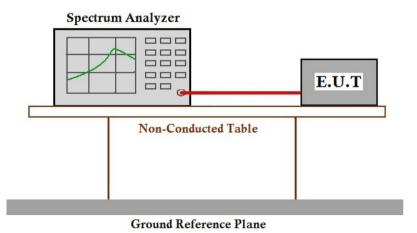
Operating Environment:

Temperature: 26.0 °C Humidity: 51.7 % RH Atmospheric Pressure: 1015 mbar

7.4.2 Test Mode Description

7.4.2 TCSt W	7.4.2 Test mode Description									
Pre-scan / Final test	Mode Code	Description								
Pre-scan	09	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.								
Final test	10	Charge + TX mode_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6.5Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.								

7.4.3 Test Setup Diagram





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 24 of 142

7.4.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

or email: <u>CNLDocCheck@sas.com</u> Heil Windshapk, Michia Bedindio Rivar & Heinbarg Park, Heinhal Beldind, Shenzhen, Gungdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.segsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 25 of 142

7.5 Conducted Band Edges Measurement

Test Requirement 47 CFR Part 15, Subpart C 15.247(d)
Test Method: ANSI C63.10 (2013) Section 11.13.3.2

Limit:

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

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 26.0 °C Humidity: 51.7 % RH Atmospheric Pressure: 1015 mbar

7.5.2 Test Mode Description

100111	7.3.2 Test mode Description							
Pre-scan / Final test	Mode Code	Description						
Pre-scan	09	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.						
Final test	10	Charge + TX mode_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.						



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/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 sindings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or and its Company of the company of the company of the sample of the company of the company

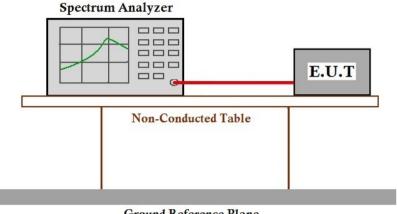


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 26 of 142

7.5.3 Test Setup Diagram



Ground Reference Plane

7.5.4 Measurement Procedure and Data

Please Refer to Appendix for Details





SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 27 of 142

7.6 Conducted Spurious Emissions

Test Requirement 47 CFR Part 15, Subpart C 15.247(d) ANSI C63.10 (2013) Section 11.11 Test Method:

Limit:

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

7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 26.0 °C Humidity: 51.7 % RH Atmospheric Pressure: 1015 mbar

7.6.2 Test Mode Description

71012 100111	7.0.2 Test wide Description								
Pre-scan / Final test	Mode Code	Description							
Pre-scan	09	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.							
Final test	10	Charge + TX mode_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6.5Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.							



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/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 sindings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or and its Company of the company of the company of the sample of the company of the company

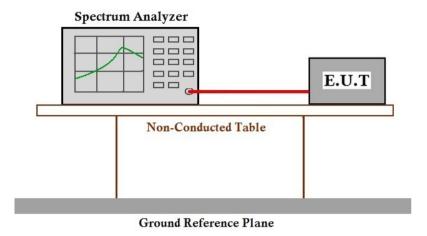


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 28 of 142

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t(86-755)26012053 f(86-755)26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 29 of 142

7.7 Radiated Emissions which fall in the restricted bands

47 CFR Part 15. Subpart C 15.205 & 15.209 Test Requirement

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

Measurement Distance: 3m

Limit:

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

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

7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 23.2 °C Humidity: 52.6 % RH Atmospheric Pressure: 1015 mbar

7.7.2 Test Mode Description

	777.2 Tool Mode Description								
Pre-scan / Final test	Mode Code	Description							
Pre-scan	09	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.							
Final test	10	Charge + TX mode_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.							



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Sherczhen, Guangdong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

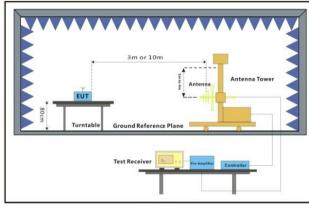


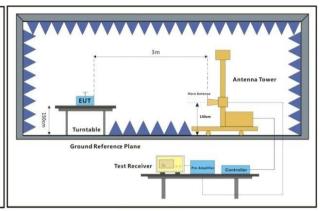
SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 30 of 142

7.7.3 Test Setup Diagram





Above 1GHz 30MHz-1GHz



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 31 of 142

7.7.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.
- Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

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

Remark 3: For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the widest bandwidth which can be covered the same channel (center frequency) on modes with narrower bandwidth that have the same or lower output power for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.



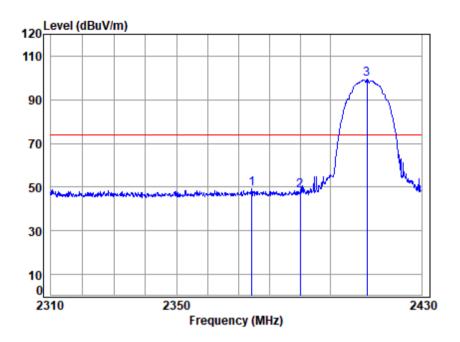


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 32 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2412 Band edge : 2.4G Wifi 11B Note

000	. 2.40	*****	LIU							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2374.285	4.23	28.70	39.21	55.37	49.09	74.00	-24.91	peak	
2	2390.000	4.25	28.76	39.22	54.72	48.51	74.00	-25.49	peak	
3	2412.000	4.27	28.87	39.23	105.41	99.32	74.00	25.32	peak	



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 https://www.sgs.com/en/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 solide responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CAL Doccheck@sas.com

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t(86-755)26012053 f(86-755)26710594 sgs.china@sgs.com

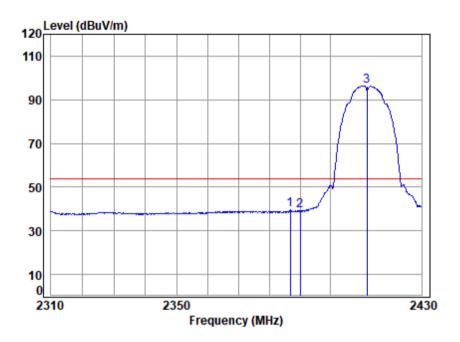


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 33 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:Low



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2412 Band edge : 2.4G Wifi 11B Note

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2386.823	4.25	28.75	39.22	46.07	39.85	54.00	-14.15	Average	
2	2390.000	4.25	28.76	39.22	45.41	39.20	54.00	-14.80	Average	
3	2412.000	4.27	28.87	39.23	102.46	96.37	54.00	42.37	Average	



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 https://www.sgs.com/en/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 sindings at the time of its intervention only and within the limits of Client is structions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ass.com"

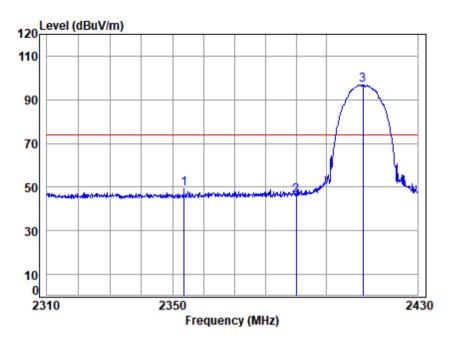


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 34 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:Low



: chamber Site Condition: 3m VERTICAL Job No : 00962AT

Mode : 2412 Band edge : 2.4G Wifi 11B Note

	Freq				Read Level				Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2353.693	4.21	28.61	39.20	55.46	49.08	74.00	-24.92	Peak
2	2390.000	4.25	28.76	39.22	52.33	46.12	74.00	-27.88	Peak
3	2412.000	4.27	28.87	39.23	102.98	96.89	74.00	22.89	Peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t(86-755)26012053 f(86-755)26710594 sgs.china@sgs.com

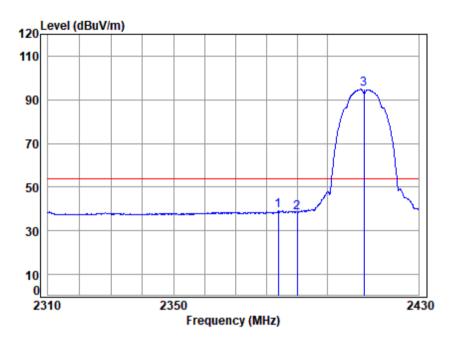


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 35 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:Low



: chamber Site Condition: 3m VERTICAL Job No : 00962AT

Mode : 2412 Band edge : 2.4G Wifi 11B Note

	Freq				Read Level				Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2383.803	4.24	28.74	39.22	45.52	39.28	54.00	-14.72	Average
2	2390.000	4.25	28.76	39.22	44.68	38.47	54.00	-15.53	Average
3	2412.000	4.27	28.87	39.23	100.81	94.72	54.00	40.72	Average



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t(86-755)26012053 f(86-755)26710594 sgs.china@sgs.com

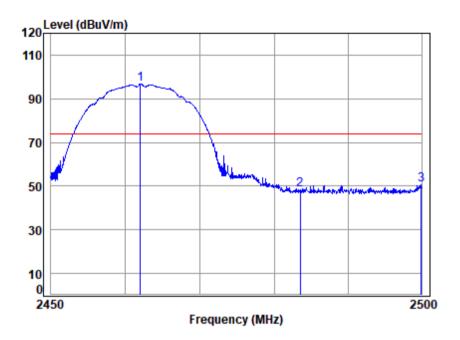


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 36 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:High



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2462 Band edge : 2.4G Wifi 11B Note

	Freq				Read Level				Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2462.000	4.32	29.17	39.26	102.58	96.81	74.00	22.81	peak
2	2483.500	4.34	29.30	39.27	54.00	48.37	74.00	-25.63	peak
3	2499.949	4.36	29.40	39.28	56.04	50.52	74.00	-23.48	peak



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 https://www.sgs.com/en/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 sindings at the time of its intervention only and within the limits of Client is structions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ass.com"

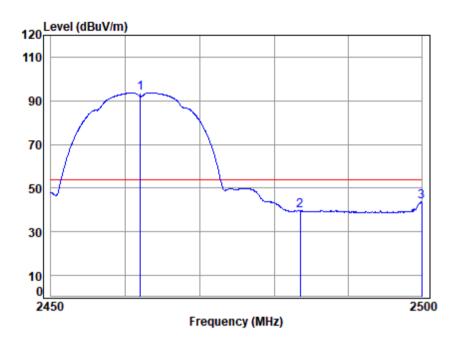


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 37 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:High



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2462 Band edge : 2.4G Wifi 11B Note

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2462.000	4.32	29.17	39.26	99.49	93.72	54.00	39.72	Average
2	2483.500	4.34	29.30	39.27	45.22	39.59	54.00	-14.41	Average
3	2500.000	4.36	29.40	39.28	49.13	43.61	54.00	-10.39	Average



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

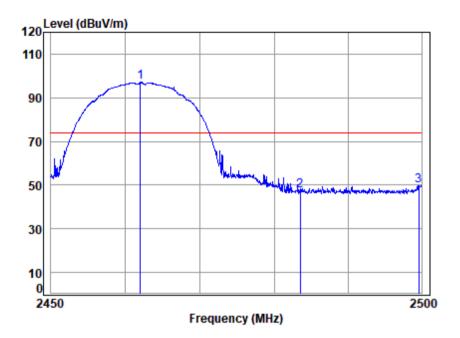


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 38 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:High



: chamber Site Condition: 3m VERTICAL Job No : 00962AT

1 2 3

Mode : 2462 Band edge : 2.4G Wifi 11B Note

	Freq				Read Level				Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	2462.000	4.32	29.17	39.26	102.83	97.06	74.00	23.06	Peak
2	2483.500	4.34	29.30	39.27	52.87	47.24	74.00	-26.76	Peak
}	2499.646	4.36	29.40	39.27	55.42	49.91	74.00	-24.09	Peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

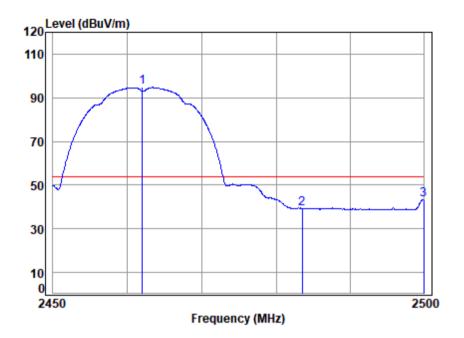


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 39 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:High



: chamber Site Condition: 3m VERTICAL Job No : 00962AT

Mode : 2462 Band edge : 2.4G Wifi 11B Note

	Freq				Read Level				Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2462.000	4.32	29.17	39.26	100.45	94.68	54.00	40.68	Average
2	2483.500	4.34	29.30	39.27	44.98	39.35	54.00	-14.65	Average
3	2500.000	4.36	29.40	39.28	49.01	43.49	54.00	-10.51	Average



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

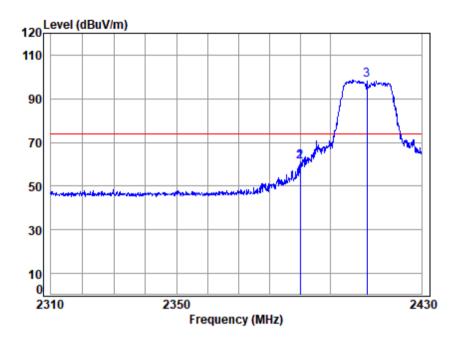


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 40 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2412 Band edge · 2 4G Wifi 11G Note

OCC	. 2.40	MILIT I	110							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2389.968	4.25	28.76	39.22	67.33	61.12	74.00	-12.88	peak	
2	2390.000	4.25	28.76	39.22	67.33	61.12	74.00	-12.88	peak	
3	2412.000	4.27	28.87	39.23	104.51	98.42	74.00	24.42	peak	



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

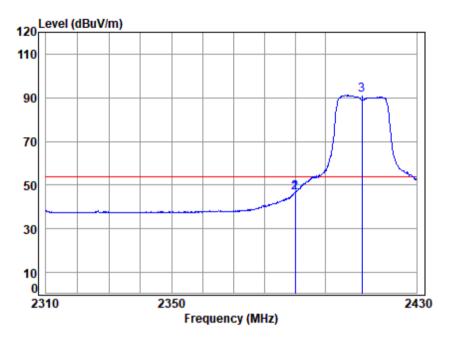


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 41 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:Low



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2412 Band edge : 2.4G Wifi 11G Note

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2389.968	4.25	28.76	39.22	52.68	46.47	54.00	-7.53	Average
2	2390.000	4.25	28.76	39.22	52.68	46.47	54.00	-7.53	Average
3	2412.000	4.27	28.87	39.23	97.18	91.09	54.00	37.09	Average



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

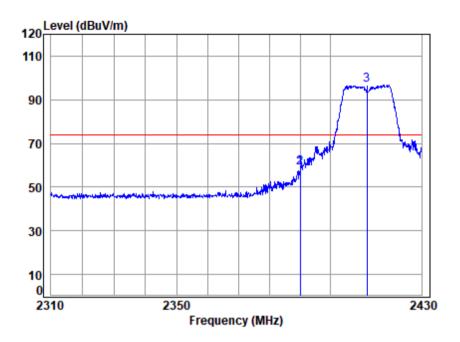


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 42 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:Low



: chamber Site Condition: 3m VERTICAL Job No : 00962AT

Mode : 2412 Band edge : 2.4G Wifi 11G Note

	Freq				Read Level				Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2389.968	4.25	28.76	39.22	65.06	58.85	74.00	-15.15	Peak
2	2390.000	4.25	28.76	39.22	65.06	58.85	74.00	-15.15	Peak
3	2412.000	4.27	28.87	39.23	102.96	96.87	74.00	22.87	Peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

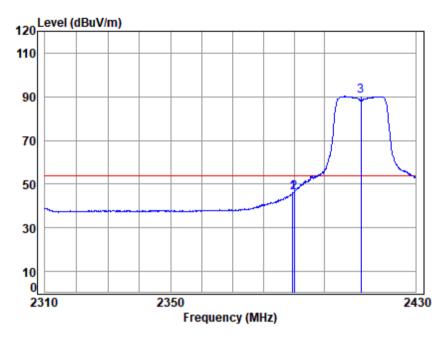


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 43 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:Low



: chamber Site Condition: 3m VERTICAL Job No : 00962AT

Mode : 2412 Band edge : 2.4G Wifi 11G Note

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2389.605	4.25	28.76	39.22	52.46	46.25	54.00	-7.75	Average
2	2390.000	4.25	28.76	39.22	52.34	46.13	54.00	-7.87	Average
3	2412.000	4.27	28.87	39.23	96.37	90.28	54.00	36.28	Average



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

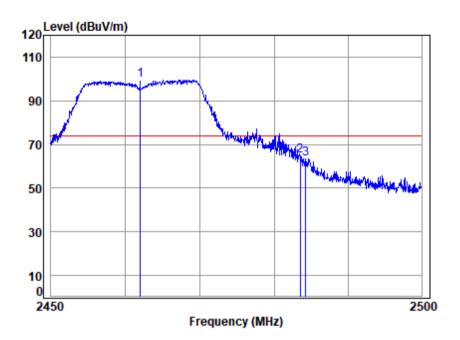


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 44 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:High



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT

> 1 2 3

Mode : 2462 Band edge · 2 4G Wifi 11G Note

. 2.40	MILIT I	110							
	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
2462.000	4.32	29.17	39.26	105.37	99.60	74.00	25.60	peak	
2483.500	4.34	29.30	39.27	70.62	64.99	74.00	-9.01	peak	
2484.292	4.34	29.31	39.27	69.11	63.49	74.00	-10.51	peak	



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

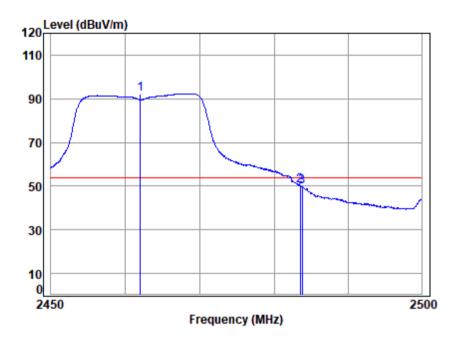


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 45 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2462 Band edge : 2.4G Wifi 11G Note

000	. 2.40	*****	110							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2462.000	4.32	29.17	39.26	98.17	92.40	54.00	38.40	Average	
2	2483.500	4.34	29.30	39.27	55.84	50.21	54.00	-3.79	Average	
3	2483.790	4.34	29.30	39.27	55.32	49.69	54.00	-4.31	Average	



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 https://www.sgs.com/en/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 sindings at the time of its intervention only and within the limits of Client is structions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ass.com"

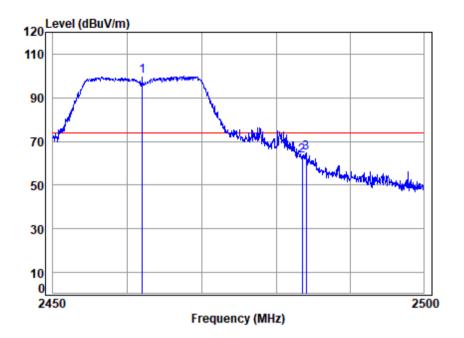


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 46 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL Job No : 00962AT

1 2 3

Mode : 2462 Band edge : 2.4G Wifi 11G Note

	Freq						Limit Line		Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	2462.000	4.32	29.17	39.26	105.55	99.78	74.00	25.78	Peak
2	2483.500	4.34	29.30	39.27	68.87	63.24	74.00	-10.76	Peak
3	2484.041	4.34	29.30	39.27	70.27	64.64	74.00	-9.36	Peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

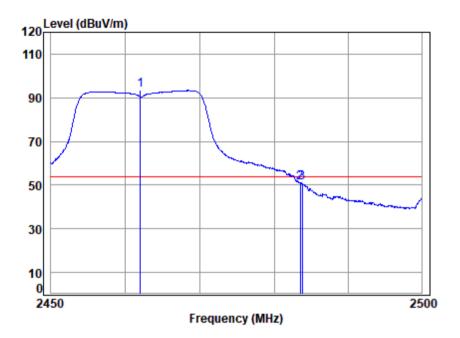


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 47 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL Job No : 00962AT

Mode : 2462 Band edge : 2.4G Wifi 11G Note

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2462.000	4.32	29.17	39.26	99.11	93.34	54.00	39.34	Average
2	2483.500	4.34	29.30	39.27	56.59	50.96	54.00	-3.04	Average
3	2483.790	4.34	29.30	39.27	56.55	50.92	54.00	-3.08	Average



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

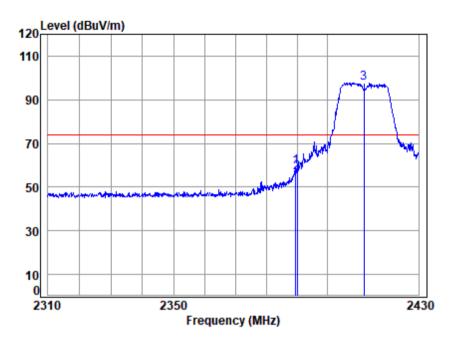


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 48 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2412 Band edge : 2.4G Wifi 11N20 Note

	Freq				Read Level				Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2389.605	4.25	28.76	39.22	65.32	59.11	74.00	-14.89	peak
2	2390.000	4.25	28.76	39.22	62.89	56.68	74.00	-17.32	peak
3	2412.000	4.27	28.87	39.23	103.95	97.86	74.00	23.86	peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

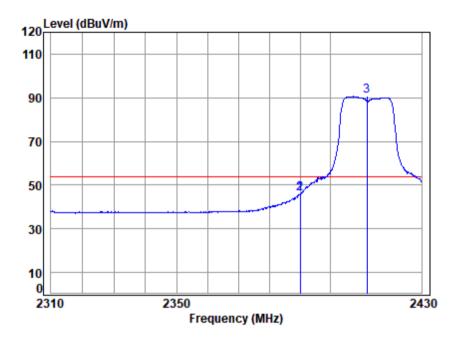


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 49 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2412 Band edge · 2 4G Wifi 11N20 Note

,,,,	. 2.40	MILIT .	LINZO							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2389.968	4.25	28.76	39.22	52.11	45.90	54.00	-8.10	Average	
2	2390.000	4.25	28.76	39.22	52.11	45.90	54.00	-8.10	Average	
3	2412.000	4.27	28.87	39.23	96.70	90.61	54.00	36.61	Average	



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 https://www.sgs.com/en/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 sindings at the time of its intervention only and within the limits of Client is structions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ass.com"

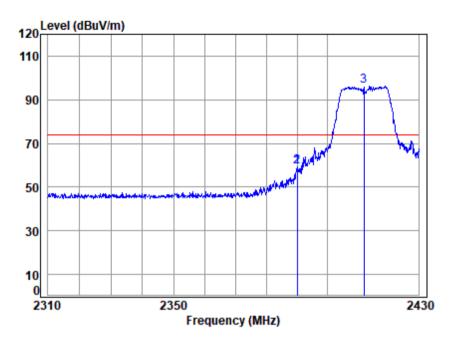


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 50 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL Job No : 00962AT

2412.000

3

Mode : 2412 Band edge : 2.4G Wifi 11N20 Note

Cable Ant Preamp Read Limit 0ver Level Level Freq Loss Factor Factor Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB 2389.968 4.25 28.76 39.22 65.39 59.18 74.00 -14.82 Peak 1 2 2390.000 4.25 28.76 39.22 65.39 59.18 74.00 -14.82 Peak

4.27 28.87 39.23 102.25 96.16 74.00 22.16 Peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

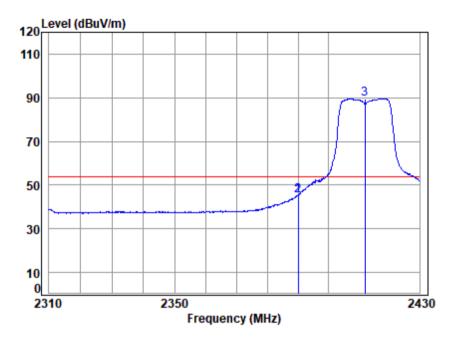


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 51 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



: chamber Site Condition: 3m VERTICAL Job No : 00962AT

Mode : 2412 Band edge

: 2.4G Wifi 11N20 Note

,,,,	. 2.70	*****	LINEO							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2389.968	4.25	28.76	39.22	51.57	45.36	54.00	-8.64	Average	
2	2390.000	4.25	28.76	39.22	51.57	45.36	54.00	-8.64	Average	
3	2412.000	4.27	28.87	39.23	95.59	89.50	54.00	35.50	Average	



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 https://www.sgs.com/en/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 sindings at the time of its intervention only and within the limits of Client is structions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ass.com"

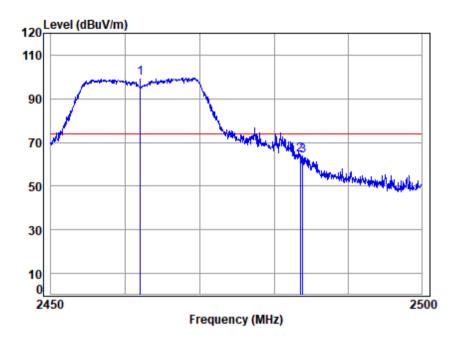


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 52 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT

> 1 2 3

Mode : 2462 Band edge : 2.4G Wifi 11N20 Note

	. 2.40	*****	LINZU							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
	2462.000	4.32	29.17	39.26	105.29	99.52	74.00	25.52	peak	
	2483.500	4.34	29.30	39.27	70.01	64.38	74.00	-9.62	peak	
}	2483.890	4.34	29.30	39.27	69.42	63.79	74.00	-10.21	peak	



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

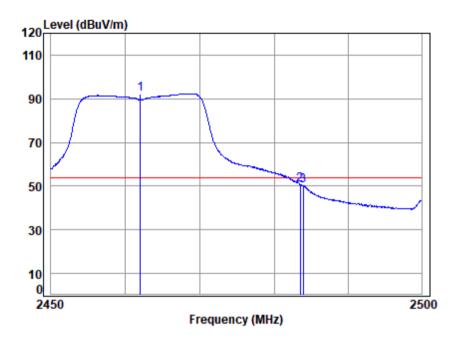


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 53 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2462 Band edge : 2.4G Wifi 11N20 Note

000	. 2.40	*****	LINZU							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2462.000	4.32	29.17	39.26	98.05	92.28	54.00	38.28	Average	
2	2483.500	4.34	29.30	39.27	56.41	50.78	54.00	-3.22	Average	
3	2483.940	4.34	29.30	39.27	55.83	50.20	54.00	-3.80	Average	



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 https://www.sgs.com/en/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 sindings at the time of its intervention only and within the limits of Client is structions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ass.com"

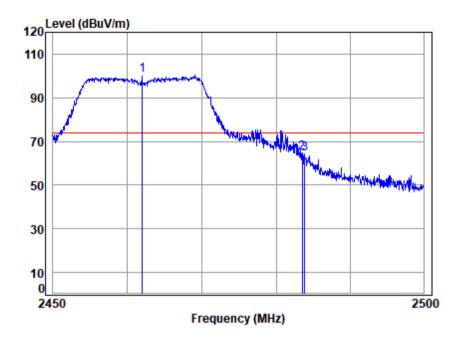


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 54 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



: chamber Site Condition: 3m VERTICAL Job No : 00962AT

Mode : 2462 Band edge : 2.4G Wifi 11N20 Note

	Freq						Limit Line		Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2462.000	4.32	29.17	39.26	106.10	100.33	74.00	26.33	Peak
2	2483.500	4.34	29.30	39.27	70.32	64.69	74.00	-9.31	Peak
3	2483.840	4.34	29.30	39.27	69.84	64.21	74.00	-9.79	Peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

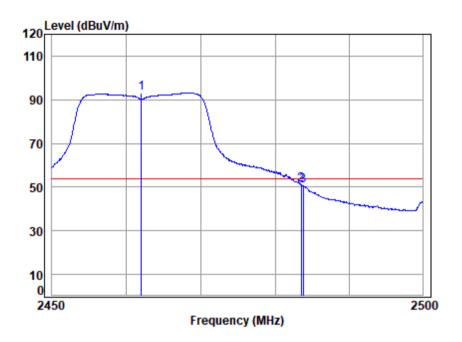


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 55 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



: chamber Site Condition: 3m VERTICAL Job No : 00962AT

Mode : 2462 Band edge : 2.4G Wifi 11N20 Note

	Freq						Limit Line		Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2462.000	4.32	29.17	39.26	98.87	93.10	54.00	39.10	Average
2	2483.500	4.34	29.30	39.27	56.57	50.94	54.00	-3.06	Average
3	2483.790	4.34	29.30	39.27	56.31	50.68	54.00	-3.32	Average



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

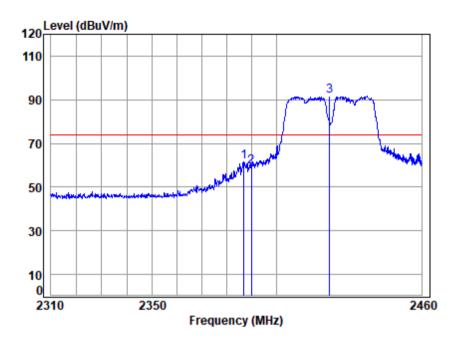


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 56 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2422 Band edge : 2.4G Wifi 11N40 Note

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2386.972	4.25	28.75	39.22	67.75	61.53	74.00	-12.47	peak
2	2390.000	4.25	28.76	39.22	65.56	59.35	74.00	-14.65	peak
3	2422.000	4.28	28.93	39.24	97.55	91.52	74.00	17.52	peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

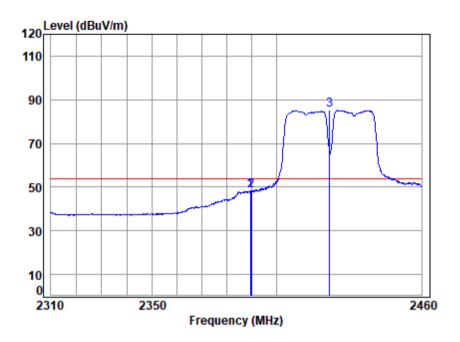


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 57 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2422 Band edge : 2.4G Wifi 11N40 Note

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2389.526	4.25	28.76	39.22	54.47	48.26	54.00	-5.74	Average
2	2390.000	4.25	28.76	39.22	54.36	48.15	54.00	-5.85	Average
3	2422.000	4.28	28.93	39.24	91.17	85.14	54.00	31.14	Average



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

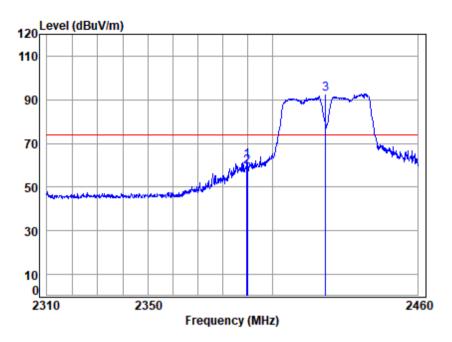


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 58 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL Job No : 00962AT

1 2

3

Mode : 2422 Band edge : 2.4G Wifi 11N40 Note

> Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB 2389.677 4.25 28.76 39.22 68.05 61.84 74.00 -12.16 Peak 2390.000 4.25 28.76 39.22 65.30 59.09 74.00 -14.91 Peak 4.28 28.93 39.24 98.72 92.69 74.00 18.69 Peak 2422.000



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

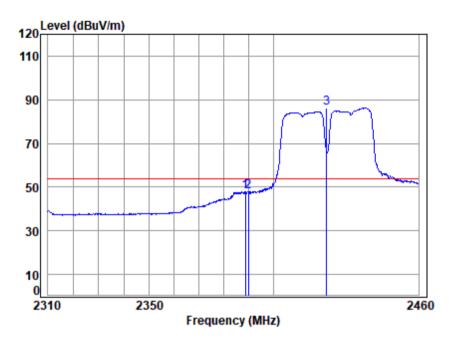


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 59 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL Job No : 00962AT

Mode : 2422 Band edge : 2.4G Wifi 11N40 Note

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 4.25 28.76 39.22 54.15 47.94 54.00 -6.06 Average 1 2388.775 2 2390.000 4.25 28.76 39.22 54.28 48.07 54.00 -5.93 Average 4.28 28.93 39.24 92.17 86.14 54.00 32.14 Average 3 2422.000



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

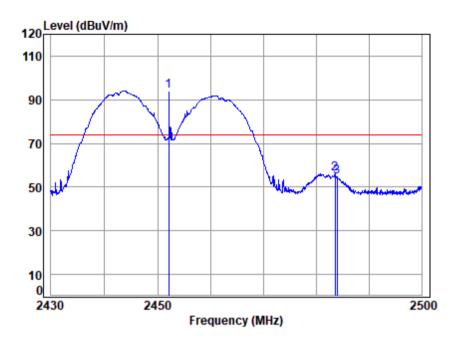


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 60 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2452 Band edge : 2.4G Wifi 11N40 Note

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2452.000	4.31	29.11	39.25	99.84	94.01	74.00	20.01	peak
2	2483.500	4.34	29.30	39.27	61.77	56.14	74.00	-17.86	peak
3	2483.865	4.34	29.30	39.27	60.28	54.65	74.00	-19.35	peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

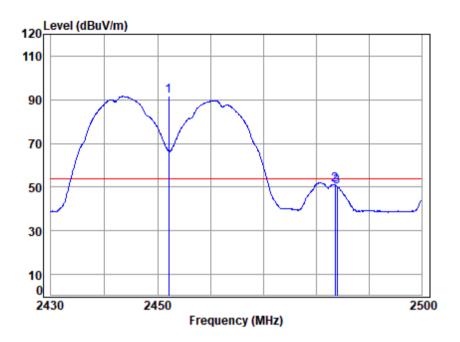


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 61 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2452 Band edge : 2.4G Wifi 11N40 Note

000	. 2									
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2452.000	4.31	29.11	39.25	97.34	91.51	54.00	37.51	Average	
2	2483.500	4.34	29.30	39.27	56.74	51.11	54.00	-2.89	Average	
3	2483.865	4.34	29.30	39.27	55.96	50.33	54.00	-3.67	Average	



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 https://www.sgs.com/en/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 sindings at the time of its intervention only and within the limits of Client is structions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ass.com"

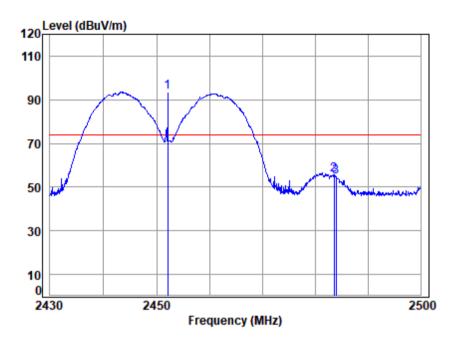


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 62 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL Job No : 00962AT

1 2 3

Mode : 2452 Band edge : 2.4G Wifi 11N40 Note

	. 2	*****								
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
	2452.000	4.31	29.11	39.25	99.35	93.52	74.00	19.52	Peak	
2	2483.500	4.34	29.30	39.27	61.37	55.74	74.00	-18.26	Peak	
3	2483.865	4.34	29.30	39.27	60.22	54.59	74.00	-19.41	Peak	



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 https://www.sgs.com/en/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 sindings at the time of its intervention only and within the limits of Client is structions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ass.com"

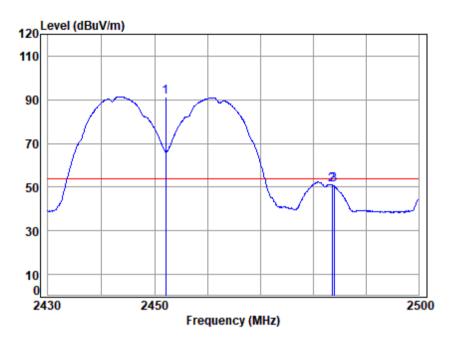


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 63 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



: chamber Site Condition: 3m VERTICAL Job No : 00962AT

Mode : 2452 Band edge

: 2.4G Wifi 11N40 Note

,,,,	. 2.40	*****	LINTO							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2452.000	4.31	29.11	39.25	97.28	91.45	54.00	37.45	Average	
2	2483.500	4.34	29.30	39.27	56.55	50.92	54.00	-3.08	Average	
3	2483.865	4.34	29.30	39.27	56.62	50.99	54.00	-3.01	Average	



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 https://www.sgs.com/en/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 sindings at the time of its intervention only and within the limits of Client is structions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ass.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 64 of 142

7.8 Radiated Spurious Emissions Below 1GHz

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

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

Measurement Distance: 3m

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)		
0.009-0.490	2400/F(kHz)	300		
0.490-1.705	24000/F(kHz)	30		
1.705-30.0	30	30		
30-88	100	3		
88-216	150	3		
216-960	200	3		
960-1000	500	3		

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 23.6 °C Humidity: 52.5 % RH Atmospheric Pressure: 1015 mbar

7.8.2 Test Mode Description

	7.0.2 Test mode bescription								
Pre-scan / Final test	Mode Code	Description							
Final test	09	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.							
Pre-scan	10	Charge + TX mode_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.							



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn

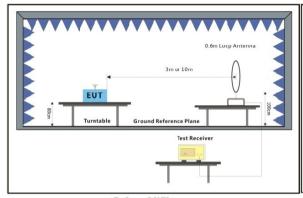


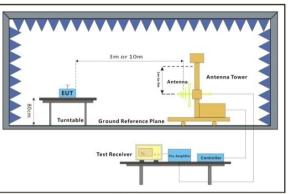
SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 65 of 142

7.8.3 Test Setup Diagram





Below 30MHz

30MHz-1GHz



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

or email: <u>CNLDocCheck@sas.com</u> Heil Windshapk, Michia Bedindio Rivar & Heinbarg Park, Heinhal Beldind, Shenzhen, Gungdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.segsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

66 of 142 Page:

7.8.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. 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.
- c. 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.
- d. 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.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.
- 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 the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

- 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
- 2. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- 3. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.



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 https://www.sgs.com/en/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 sindings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or enable: CN Doccheck@ass.com"

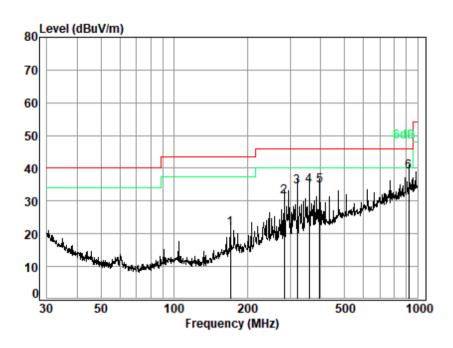


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 67 of 142

Test Mode: 09; Polarity: Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No. : 00962AT

Test Mode: 09

		Ant	Cable	Preamp	Read		Limit	0ver	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	170.19	14.14	1.53	26.72	32.53	21.48	43.50	-22.02	QP
2	282.99	17.88	2.05	26.27	37.63	31.29	46.00	-14.71	QP
3	321.06	18.89	2.20	26.26	39.64	34.47	46.00	-11.53	QP
4	359.19	20.71	2.33	26.38	38.03	34.69	46.00	-11.31	QP
5	396.24	21.65	2.47	26.49	37.16	34.79	46.00	-11.21	QP
6 q	922.52	28.42	4.08	25.81	32.32	39.01	46.00	-6.99	QP



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

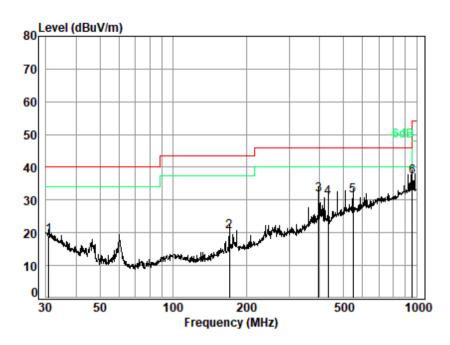


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 68 of 142

Test Mode: 09; Polarity: Vertical



Site : chamber

Condition: 3m VERTICAL Job No. : 00962AT

Test Mode: 09

	Freq	Ant Factor		Preamp Factor					Remark
_	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	30.85	20.93	0.63	27.23	24.79	19.12	40.00	-20.88	QP
2	170.19	14.14	1.53	26.72	31.43	20.38	43.50	-23.12	QP
3 q	396.24	21.65	2.47	26.49	34.09	31.72	46.00	-14.28	QP
4	434.07	21.29	2.59	26.60	33.38	30.66	46.00	-15.34	QP
5	547.10	24.12	2.96	26.94	31.19	31.33	46.00	-14.67	QP
6	962 16	28 39	4 17	25 65	30 30	37 21	54 00	-16 79	OP



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 https://www.sgs.com/en/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 solide responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CAL Doccheck@sas.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 69 of 142

7.9 Radiated Spurious Emissions Above 1GHz

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

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

Measurement Distance: 3m

Limit:

F	Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)		
	Above 1000	500	3		

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 23.2 °C Humidity: 52.8 % RH Atmospheric Pressure: 1015 mbar

7.9.2 Test Mode Description

7.3.2 Test mode bescription								
Pre-scan / Final test	Mode Code	Description						
Pre-scan	09	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.						
Final test	10	Charge + TX mode_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.						



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

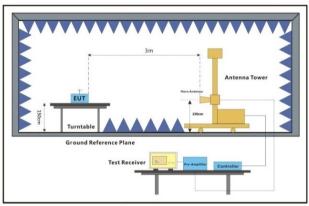


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 70 of 142

7.9.3 Test Setup Diagram



Above 1GHz



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

or email: <u>CNLDocCheck@sas.com</u> Heil Windshapk, Michia Bedindio Rivar & Heinbarg Park, Heinhal Beldind, Shenzhen, Gungdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.segsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 71 of 142

7.9.4 Measurement Procedure and Data

- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. 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.
- d. 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.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- 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 the worst case.
- i. Repeat above procedures until all frequencies measured was complete. Remark:
- 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
- 2. Scan from 1GHz to 25GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- 3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
- 4. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the widest bandwidth which can be covered the same channel (center frequency) on modes with narrower bandwidth that have the same or lower output power for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test 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 https://www.sgs.com/en/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 sindings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or enable: CN Doccheck@ass.com"

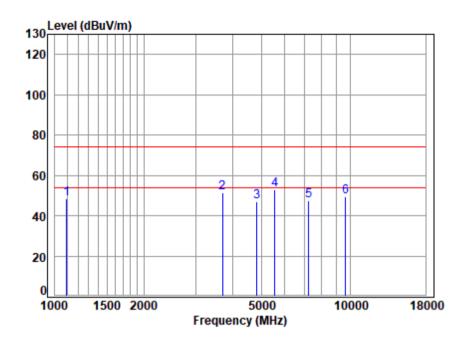


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 72 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:Low



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2412 TX RSE : 2.4G WIFI 11B Note

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1096.904	2.62	24.02	38.48	60.39	48.55	74.00	-25.45	peak
2	3693.033	5.87	32.27	40.08	53.45	51.51	74.00	-22.49	peak
3	4824.000	7.06	33.90	40.89	46.88	46.95	74.00	-27.05	peak
4	5551.069	7.75	34.60	41.23	52.00	53.12	74.00	-20.88	peak
5	7236.000	8.54	35.80	40.45	43.57	47.46	74.00	-26.54	peak
6	9648.000	10.41	37.10	36.98	39.04	49.57	74.00	-24.43	peak
									•



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t(86-755)26012053 f(86-755)26710594 sgs.china@sgs.com

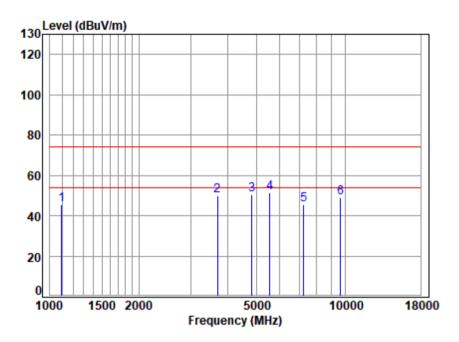


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 73 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL Job No : 00962AT Mode : 2412 TX RSE : 2.4G WIFI 11B Note

Cable Ant Preamp Read Limit 0ver Level Level Freq Loss Factor Factor Line Limit Remark MHz dB dB/m dB dBuV dBuV/m dBuV/m dB 1096.904 1 2.62 24.02 38.48 57.26 45.42 74.00 -28.58 peak 2 3693.033 5.87 32.27 40.08 51.74 49.80 74.00 -24.20 peak 3 4824.000 7.06 33.90 40.89 50.28 50.35 74.00 -23.65 peak 4 5551.069 7.75 34.60 41.23 50.50 51.62 74.00 -22.38 peak 5 8.54 35.80 40.45 41.42 45.31 74.00 -28.69 peak 7236.000 9648.000 10.41 37.10 36.98 38.41 48.94 74.00 -25.06 peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

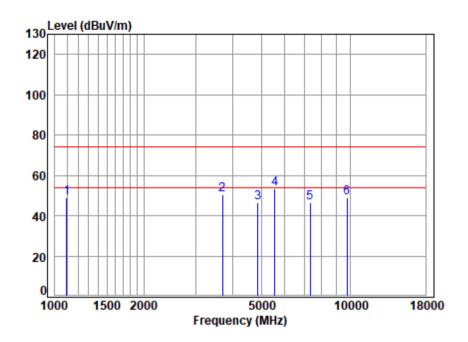


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 74 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:middle



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2437 TX RSE : 2.4G WIFI 11B Note

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1096.904	2.62	24.02	38.48	60.72	48.88	74.00	-25.12	peak
2	3693.033	5.87	32.27	40.08	52.22	50.28	74.00	-23.72	peak
3	4874.000	7.10	34.05	40.92	46.44	46.67	74.00	-27.33	peak
4	5551.069	7.75	34.60	41.23	52.02	53.14	74.00	-20.86	peak
5	7311.000	8.61	35.90	40.40	42.27	46.38	74.00	-27.62	peak
6	9748.000	10.45	37.20	36.81	37.87	48.71	74.00	-25.29	peak
									-



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn

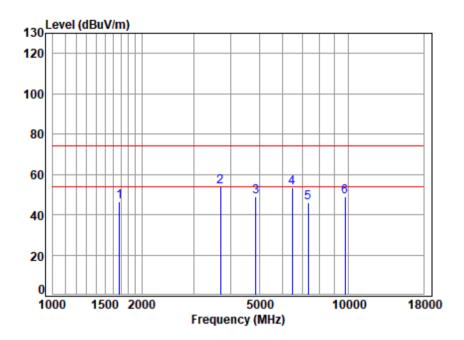


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 75 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL Job No : 00962AT Mode : 2437 TX RSE : 2.4G WIFI 11B Note

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1677.621	3.46	26.76	38.85	55.02	46.39	74.00	-27.61	peak
2	3693.033	5.87	32.27	40.08	55.91	53.97	74.00	-20.03	peak
3	4874.000	7.10	34.05	40.92	48.71	48.94	74.00	-25.06	peak
4	6470.026	8.24	35.44	41.01	50.57	53.24	74.00	-20.76	peak
5	7311.000	8.61	35.90	40.40	41.74	45.85	74.00	-28.15	peak
6	9748.000	10.45	37.20	36.81	38.17	49.01	74.00	-24.99	peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

Member of the SGS Group (SGS SA)

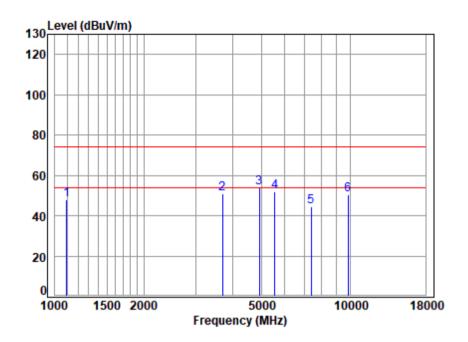


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 76 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:High



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT Mode : 2462 TX RSE

: 2.4G WIFI 11B Note

	Freq			Preamp Factor			Limit Line		Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1096.904	2.62	24.02	38.48	59.96	48.12	74.00	-25.88	peak
2	3693.033	5.87	32.27	40.08	52.91	50.97	74.00	-23.03	peak
3	4924.000	7.15	34.15	40.95	53.60	53.95	74.00	-20.05	peak
4	5551.069	7.75	34.60	41.23	50.72	51.84	74.00	-22.16	peak
5	7386.000	8.68	35.90	40.36	40.18	44.40	74.00	-29.60	peak
6	9848.000	10.49	37.30	36.65	39.07	50.21	74.00	-23.79	peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

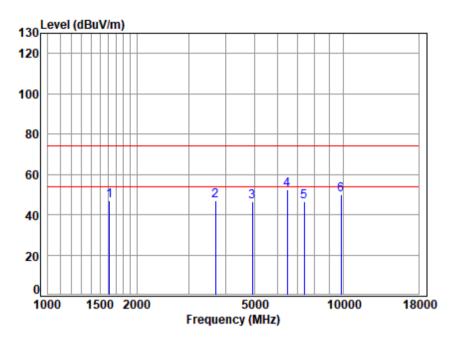


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 77 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:High



: chamber Site Condition: 3m VERTICAL Job No : 00962AT Mode : 2462 TX RSE

: 2.4G WIFI 11B Note

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1615.754	3.39	26.56	38.82	55.74	46.87	74.00	-27.13	peak
2	3693.033	5.87	32.27	40.08	49.04	47.10	74.00	-26.90	peak
3	4924.000	7.15	34.15	40.95	46.10	46.45	74.00	-27.55	peak
4	6470.026	8.24	35.44	41.01	49.61	52.28	74.00	-21.72	peak
5	7386.000	8.68	35.90	40.36	42.45	46.67	74.00	-27.33	peak
6	9848.000	10.49	37.30	36.65	38.59	49.73	74.00	-24.27	peak
									•



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

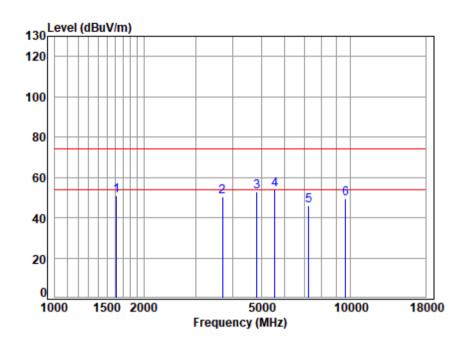


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 78 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00962AT

Mode : 2412 TX RSE · 2 4G WTFT 11G Note

oce	. 2.40	WILI .	110							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1615.754	3.39	26.56	38.82	59.84	50.97	74.00	-23.03	peak	
2	3693.033	5.87	32.27	40.08	52.53	50.59	74.00	-23.41	peak	
3	4824.000	7.06	33.90	40.89	52.81	52.88	74.00	-21.12	peak	
4	5551.069	7.75	34.60	41.23	52.90	54.02	74.00	-19.98	peak	
5	7236.000	8.54	35.80	40.45	42.13	46.02	74.00	-27.98	peak	
6	9648.000	10.41	37.10	36.98	38.67	49.20	74.00	-24.80	peak	



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

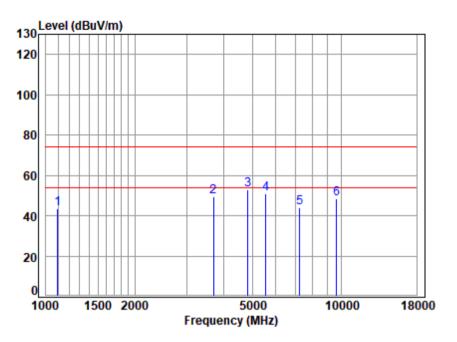


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 79 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL Job No : 00962AT Mode : 2412 TX RSE · 2 4G WTFT 11G Note

ice	. 2.40	MILI	LIG						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1096.904	2.62	24.02	38.48	55.24	43.40	74.00	-30.60	peak
2	3693.033	5.87	32.27	40.08	51.33	49.39	74.00	-24.61	peak
3	4824.000	7.06	33.90	40.89	52.67	52.74	74.00	-21.26	peak
4	5551.069	7.75	34.60	41.23	49.77	50.89	74.00	-23.11	peak
5	7236.000	8.54	35.80	40.45	40.29	44.18	74.00	-29.82	peak
6	9648.000	10.41	37.10	36.98	37.99	48.52	74.00	-25.48	peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

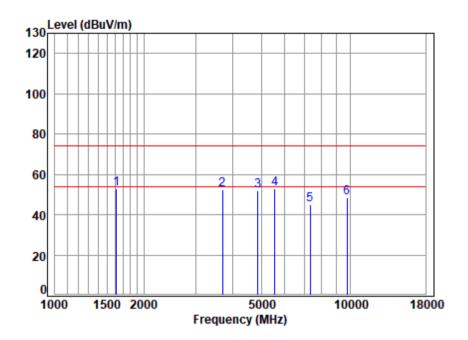


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 80 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:middle



: chamber Site

Condition: 3m HORIZONTAL

Job No : 00962AT

: 2437 TX RSE Mode · 2 /G WIET 11G Note

ote	: 2.46	MILI .	LIG						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1615.754	3.39	26.56	38.82	61.81	52.94	74.00	-21.06	peak
2	3693.033	5.87	32.27	40.08	54.13	52.19	74.00	-21.81	peak
3	4874.000	7.10	34.05	40.92	51.71	51.94	74.00	-22.06	peak
4	5551.069	7.75	34.60	41.23	51.81	52.93	74.00	-21.07	peak
5	7311.000	8.61	35.90	40.40	40.97	45.08	74.00	-28.92	peak
6	9748.000	10.45	37.20	36.81	37.50	48.34	74.00	-25.66	peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

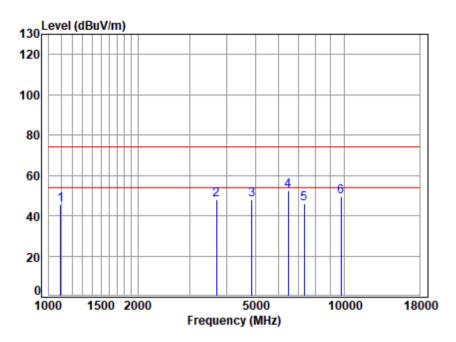


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 81 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:middle



: chamber Site Condition: 3m VERTICAL Job No : 00962AT

Mode : 2437 TX RSE : 2.4G WIFI 11G Note

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1096.904	2.62	24.02	38.48	57.09	45.25	74.00	-28.75	peak
2	3693.033	5.87	32.27	40.08	49.77	47.83	74.00	-26.17	peak
3	4874.000	7.10	34.05	40.92	47.73	47.96	74.00	-26.04	peak
4	6470.026	8.24	35.44	41.01	49.48	52.15	74.00	-21.85	peak
5	7311.000	8.61	35.90	40.40	42.01	46.12	74.00	-27.88	peak
6	9748.000	10.45	37.20	36.81	38.37	49.21	74.00	-24.79	peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t(86-755)26012053 f(86-755)26710594 sgs.china@sgs.com

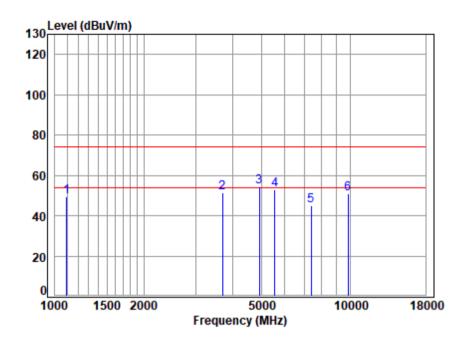


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 82 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00962AT Mode : 2462 TX RSE : 2.4G WIFI 11G Note

Cable Ant Preamp Read Limit 0ver Level Level Freq Loss Factor Factor Line Limit Remark MHz dB dB/m dB dBuV dBuV/m dBuV/m dB 1096.904 1 2.62 24.02 38.48 61.27 49.43 74.00 -24.57 peak 2 3693.033 5.87 32.27 40.08 53.21 51.27 74.00 -22.73 peak 3 4924.000 7.15 34.15 40.95 53.79 54.14 74.00 -19.86 peak 4 5551.069 7.75 34.60 41.23 51.96 53.08 74.00 -20.92 peak 5 7386.000 8.68 35.90 40.36 40.88 45.10 74.00 -28.90 peak 9848.000 10.49 37.30 36.65 39.58 50.72 74.00 -23.28 peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

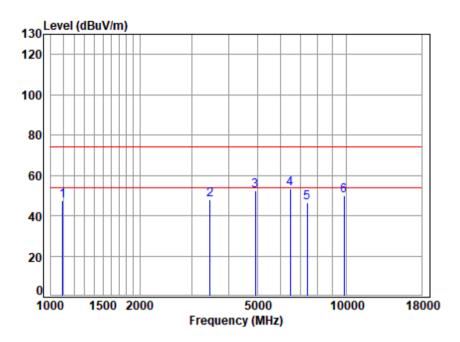


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 83 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:High



: chamber Site Condition: 3m VERTICAL Job No : 00962AT Mode : 2462 TX RSE

: 2.4G WIFI 11G Note

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1096.904	2.62	24.02	38.48	59.39	47.55	74.00	-26.45	peak
2	3465.510	5.55	31.73	39.90	50.75	48.13	74.00	-25.87	peak
3	4924.000	7.15	34.15	40.95	52.04	52.39	74.00	-21.61	peak
4	6470.026	8.24	35.44	41.01	50.66	53.33	74.00	-20.67	peak
5	7386.000	8.68	35.90	40.36	42.46	46.68	74.00	-27.32	peak
6	9848.000	10.49	37.30	36.65	38.78	49.92	74.00	-24.08	peak
									•



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

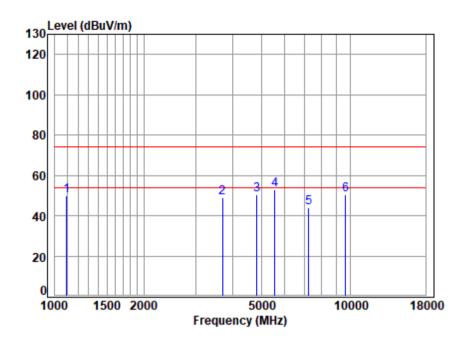


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 84 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00962AT Mode : 2412 TX RSE

· 2 4G WTFT 11N20 Note

oce	. 2.40	MILI .	LINZO							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1096.904	2.62	24.02	38.48	61.95	50.11	74.00	-23.89	peak	
2	3693.033	5.87	32.27	40.08	50.99	49.05	74.00	-24.95	peak	
3	4824.000	7.06	33.90	40.89	50.47	50.54	74.00	-23.46	peak	
4	5551.069	7.75	34.60	41.23	51.89	53.01	74.00	-20.99	peak	
5	7236.000	8.54	35.80	40.45	40.09	43.98	74.00	-30.02	peak	
6	9648.000	10.41	37.10	36.98	39.88	50.41	74.00	-23.59	peak	



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

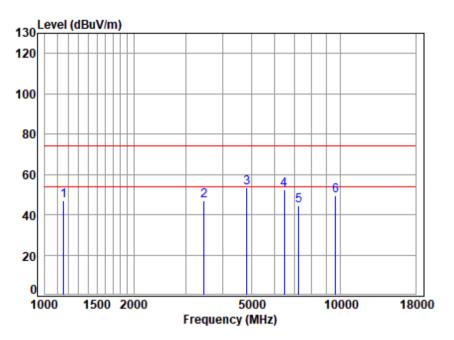


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 85 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL Job No : 00962AT Mode : 2412 TX RSE · 2 4G WTFT 11N20 Note

ote	. 2.40	MILI .	LINZO						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1155.483	2.73	24.22	38.53	58.68	47.10	74.00	-26.90	peak
2	3465.510	5.55	31.73	39.90	49.68	47.06	74.00	-26.94	peak
3	4824.000	7.06	33.90	40.89	53.51	53.58	74.00	-20.42	peak
4	6470.026	8.24	35.44	41.01	49.69	52.36	74.00	-21.64	peak
5	7236.000	8.54	35.80	40.45	40.65	44.54	74.00	-29.46	peak
6	9648.000	10.41	37.10	36.98	39.13	49.66	74.00	-24.34	peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

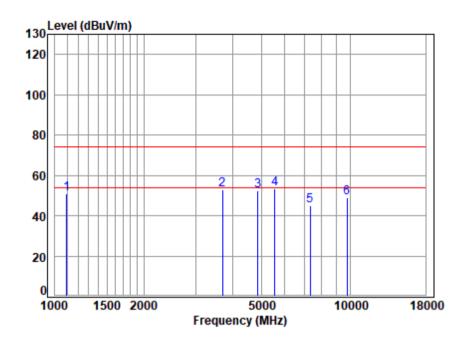


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 86 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00962AT Mode : 2437 TX RSE : 2.4G WTFT 11N20 Note

,,,,	. 2.40	MILT I	LINZO							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	-	
1	1096.904	2.62	24.02	38.48	62.85	51.01	74.00	-22.99	peak	
2	3693.033	5.87	32.27	40.08	54.60	52.66	74.00	-21.34	peak	
3	4874.000	7.10	34.05	40.92	52.32	52.55	74.00	-21.45	peak	
4	5551.069	7.75	34.60	41.23	52.39	53.51	74.00	-20.49	peak	
5	7311.000	8.61	35.90	40.40	40.70	44.81	74.00	-29.19	peak	
6	9748.000	10.45	37.20	36.81	38.08	48.92	74.00	-25.08	peak	



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

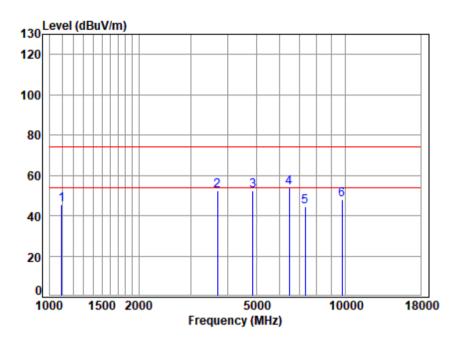


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 87 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



: chamber Site Condition: 3m VERTICAL Job No : 00962AT Mode : 2437 TX RSE

: 2.4G WIFI 11N20 Note

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1096.904	2.62	24.02	38.48	57.37	45.53	74.00	-28.47	peak
2	3693.033	5.87	32.27	40.08	54.17	52.23	74.00	-21.77	peak
3	4874.000	7.10	34.05	40.92	52.17	52.40	74.00	-21.60	peak
4	6470.026	8.24	35.44	41.01	51.28	53.95	74.00	-20.05	peak
5	7311.000	8.61	35.90	40.40	40.46	44.57	74.00	-29.43	peak
6	9748.000	10.45	37.20	36.81	37.34	48.18	74.00	-25.82	peak
									-



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

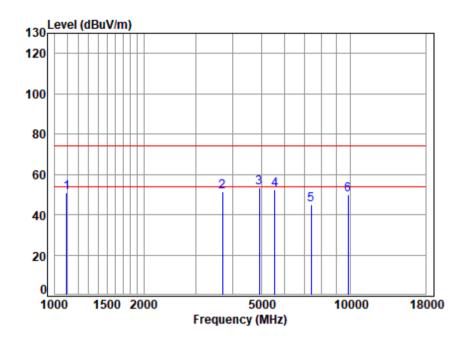


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 88 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00962AT Mode : 2462 TX RSE : 2.4G WIFI 11N20 Note

000			111120						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1096.904	2.62	24.02	38.48	62.83	50.99	74.00	-23.01	peak
2	3693.033	5.87	32.27	40.08	53.34	51.40	74.00	-22.60	peak
3	4924.000	7.15	34.15	40.95	53.20	53.55	74.00	-20.45	peak
4	5551.069	7.75	34.60	41.23	51.28	52.40	74.00	-21.60	peak
5	7386.000	8.68	35.90	40.36	40.69	44.91	74.00	-29.09	peak
6	9848.000	10.49	37.30	36.65	38.73	49.87	74.00	-24.13	neak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

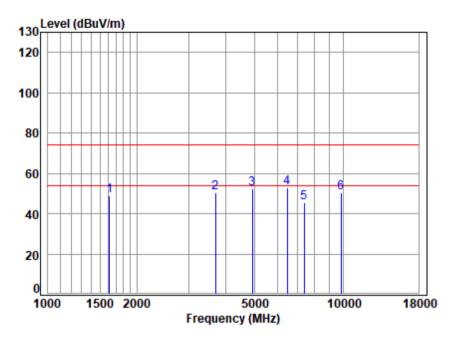


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 89 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



: chamber Site Condition: 3m VERTICAL Job No : 00962AT Mode : 2462 TX RSE

: 2.4G WIFI 11N20 Note

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1615.754	3.39	26.56	38.82	57.63	48.76	74.00	-25.24	peak
2	3693.033	5.87	32.27	40.08	52.32	50.38	74.00	-23.62	peak
3	4924.000	7.15	34.15	40.95	52.18	52.53	74.00	-21.47	peak
4	6470.026	8.24	35.44	41.01	50.31	52.98	74.00	-21.02	peak
5	7386.000	8.68	35.90	40.36	41.04	45.26	74.00	-28.74	peak
6	9848.000	10.49	37.30	36.65	39.20	50.34	74.00	-23.66	peak
									•



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

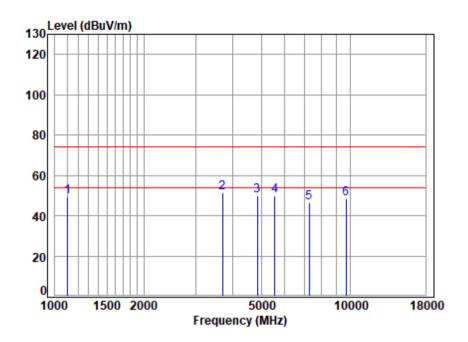


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 90 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00962AT Mode : 2422 TX RSE · 2 4G WTFT 11N40 Note

ote	. 2.40	WILI .	11140							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1106.457	2.64	24.03	38.49	61.29	49.47	74.00	-24.53	peak	
2	3693.033	5.87	32.27	40.08	53.50	51.56	74.00	-22.44	peak	
3	4844.000	7.08	33.98	40.90	49.53	49.69	74.00	-24.31	peak	
4	5551.069	7.75	34.60	41.23	48.81	49.93	74.00	-24.07	peak	
5	7266.000	8.57	35.83	40.43	42.54	46.51	74.00	-27.49	peak	
6	9688.000	10.42	37.10	36.91	37.67	48.28	74.00	-25.72	peak	



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

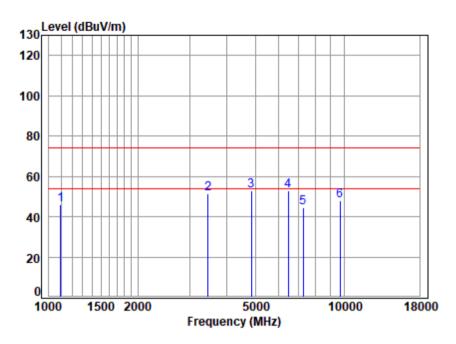


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 91 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL Job No : 00962AT Mode : 2422 TX RSE : 2.4G WIFI 11N40 Note

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Freq Level Level Line Limit Remark MHz dB dB/m dB dBuV dBuV/m dBuV/m dB 1096.904 1 2.62 24.02 38.48 57.87 46.03 74.00 -27.97 peak 3465.510 5.55 31.73 39.90 54.11 51.49 74.00 -22.51 peak 2 3 7.08 33.98 40.90 52.93 53.09 74.00 -20.91 peak 4844.000 4 6470.026 8.24 35.44 41.01 50.27 52.94 74.00 -21.06 peak 5 8.57 35.83 40.43 40.71 44.68 74.00 -29.32 peak 7266.000 9688.000 10.42 37.10 36.91 37.36 47.97 74.00 -26.03 peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

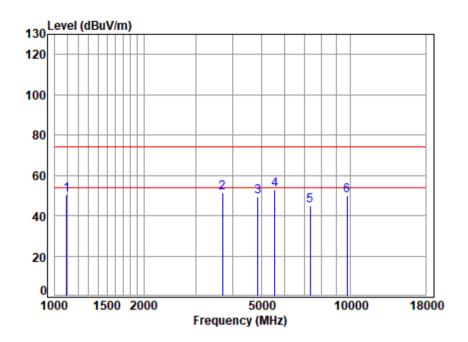


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 92 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00962AT Mode : 2437 TX RSE : 2.4G WIFI 11N40 Note

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1096.904	2.62	24.02	38.48	62.29	50.45	74.00	-23.55	peak
2	3693.033	5.87	32.27	40.08	53.49	51.55	74.00	-22.45	peak
3	4874.000	7.10	34.05	40.92	49.10	49.33	74.00	-24.67	peak
4	5551.069	7.75	34.60	41.23	51.53	52.65	74.00	-21.35	peak
5	7311.000	8.61	35.90	40.40	40.83	44.94	74.00	-29.06	peak
6	9748 000	10 45	37 20	36 81	39 13	49 97	7/ 00	-24 03	noak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t(86-755)26012053 f(86-755)26710594 sgs.china@sgs.com

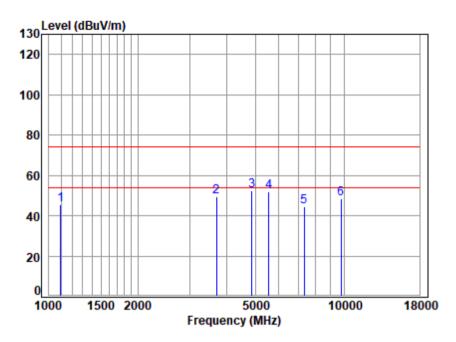


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 93 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



: chamber Site Condition: 3m VERTICAL Job No : 00962AT Mode : 2437 TX RSE : 2.4G WIFI 11N40 Note

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1096.904	2.62	24.02	38.48	57.41	45.57	74.00	-28.43	peak
2	3693.033	5.87	32.27	40.08	51.58	49.64	74.00	-24.36	peak
3	4874.000	7.10	34.05	40.92	52.27	52.50	74.00	-21.50	peak
4	5551.069	7.75	34.60	41.23	50.73	51.85	74.00	-22.15	peak
5	7311.000	8.61	35.90	40.40	40.36	44.47	74.00	-29.53	peak
6	9748.000	10.45	37.20	36.81	37.85	48.69	74.00	-25.31	peak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

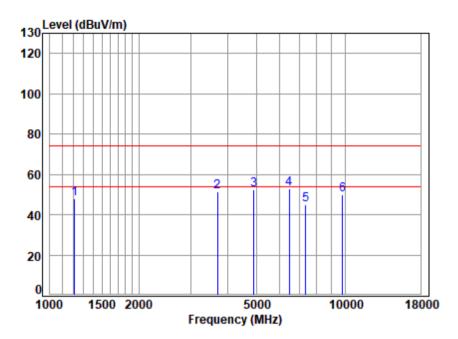


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 94 of 142

Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL Job No : 00962AT Mode : 2452 TX RSE

· 2 4G WTFT 11N40 Note

ote	. 2.40	MILI .	11140							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1213.677	2.82	24.43	38.57	59.16	47.84	74.00	-26.16	peak	
2	3693.033	5.87	32.27	40.08	53.23	51.29	74.00	-22.71	peak	
3	4904.000	7.13	34.11	40.94	52.31	52.61	74.00	-21.39	peak	
4	6470.026	8.24	35.44	41.01	50.26	52.93	74.00	-21.07	peak	
5	7356.000	8.65	35.90	40.38	41.01	45.18	74.00	-28.82	peak	
6	9808.000	10.47	37.22	36.71	38.98	49.96	74.00	-24.04	peak	



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

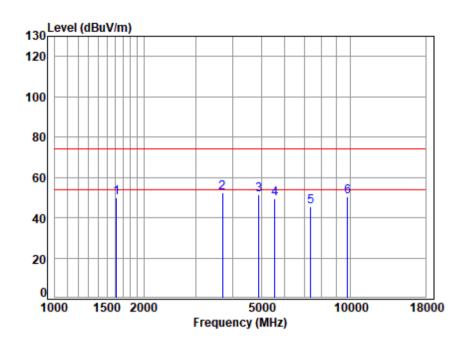


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 95 of 142

Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00962AT Mode : 2452 TX RSE : 2.4G WIFI 11N40 Note

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1615.754	3.39	26.56	38.82	58.88	50.01	74.00	-23.99	peak
2	3693.033	5.87	32.27	40.08	54.25	52.31	74.00	-21.69	peak
3	4904.000	7.13	34.11	40.94	51.01	51.31	74.00	-22.69	peak
4	5551.069	7.75	34.60	41.23	48.42	49.54	74.00	-24.46	peak
5	7356.000	8.65	35.90	40.38	41.42	45.59	74.00	-28.41	peak
6	9808 000	10 /17	37 22	36 71	39 57	50 55	7/ 00	-23 //5	neak



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 96 of 142

Test Setup Photo 8

Refer to Setup Photos for SZCR2304000962AT

EUT Constructional Details (EUT Photos) 9

Refer to External and Internal Photos for SZCR2304000962AT



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 97 of 142

10 Appendix

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

				P	Ant1		
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
		2412	12.420	12.520	99.20	0.03	0.53
802.11b	SISO	2437	12.420	12.520	99.20	0.03	0.53
		2462	12.420	12.530	99.12	0.04	0.58
		2412	2.067	2.177	94.95	0.23	3.14
802.11g	SISO	2437	2.066	2.162	95.56	0.20	2.50
		2462	2.071	2.177	95.13	0.22	3.42
000.44	SISO	2412	1.923	2.028	94.82	0.23	3.36
802.11n (HT20)		2437	1.923	2.033	94.59	0.24	3.61
(11120)		2462	1.923	2.023	95.06	0.22	3.17
000.44		2422	0.947	1.057	89.59	0.48	6.81
802.11n (HT40)	SISO	2437	0.947	1.057	89.59	0.48	6.84
(11140)		2452	0.947	1.057	89.59	0.48	6.35



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

or email: <u>CNLDocCheck@sas.com</u> Heil Windshapk, Michia Bedindio Rivar & Heinbarg Park, Heinhal Beldind, Shenzhen, Gungdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.segsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

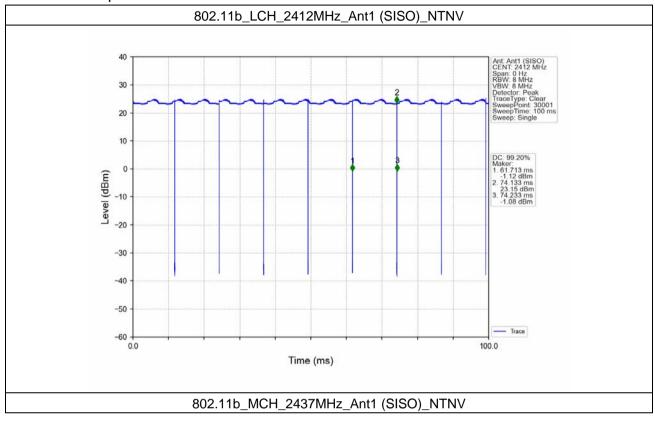


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 98 of 142

1.1.2 Test Graph





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

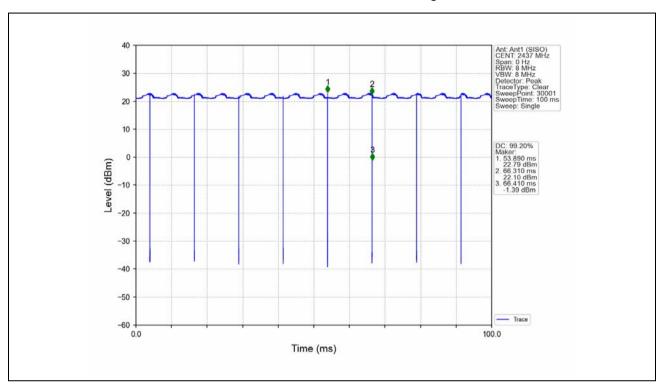
or email: <u>CNLDocCheck@sas.com</u> Heil Windshapk, Michia Bedindio Rivar & Heinbarg Park, Heinhal Beldind, Shenzhen, Gungdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.segsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 99 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

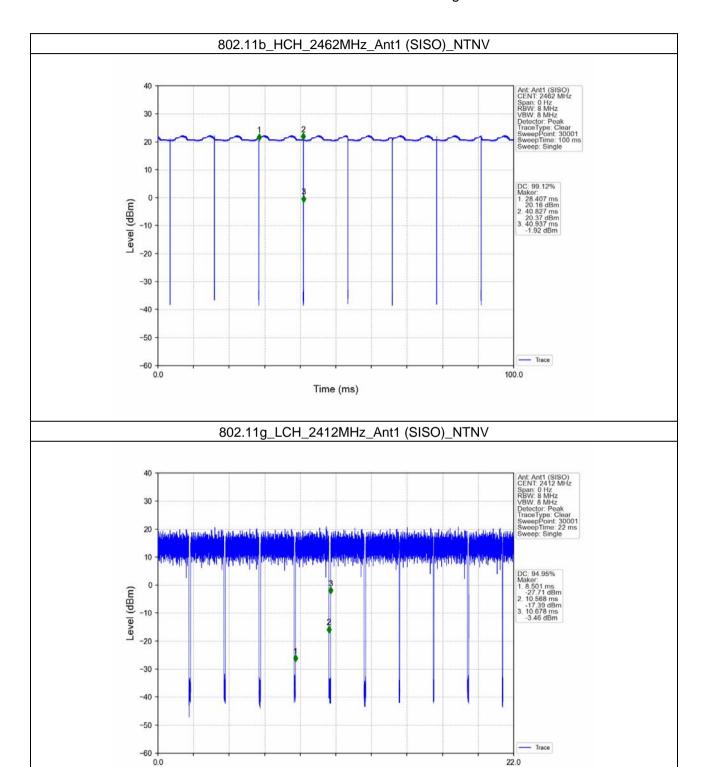
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 100 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

or email: <u>CNLDocCheck@sas.com</u> Heil Windshapk, Michia Bedindio Rivar & Heinbarg Park, Heinhal Beldind, Shenzhen, Gungdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.segsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

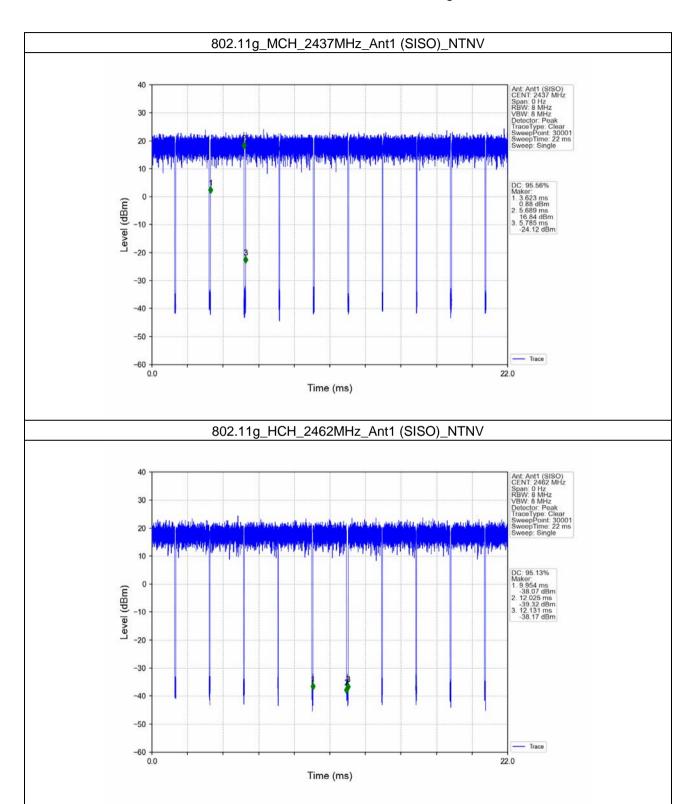
Time (ms)



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 101 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn

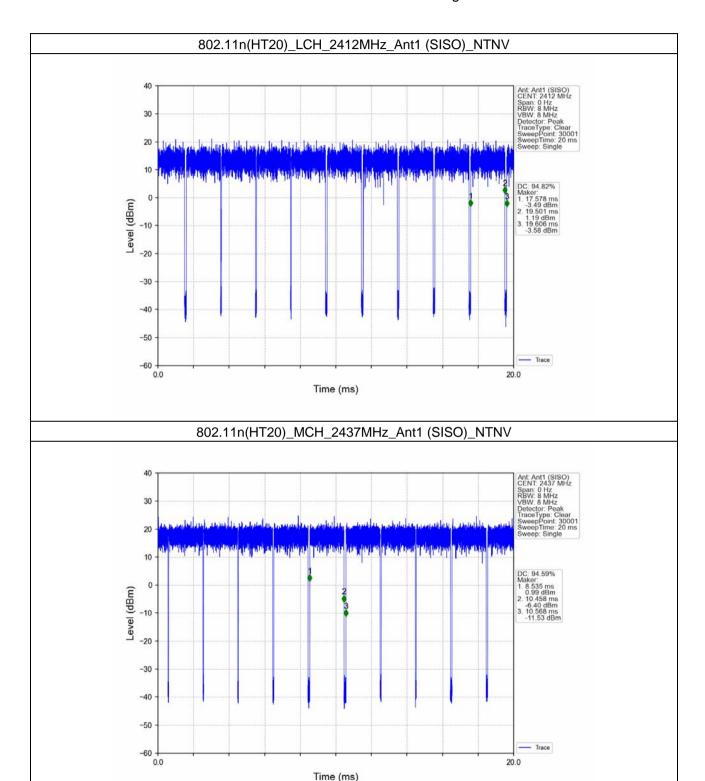
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t(86-755)26012053 f(86-755)26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 102 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

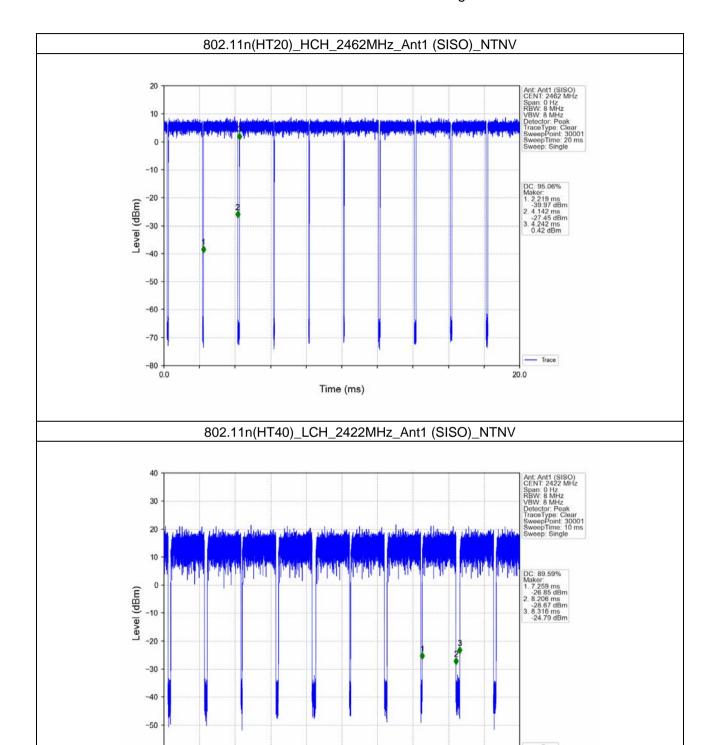
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 103 of 142





-60

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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Time (ms)

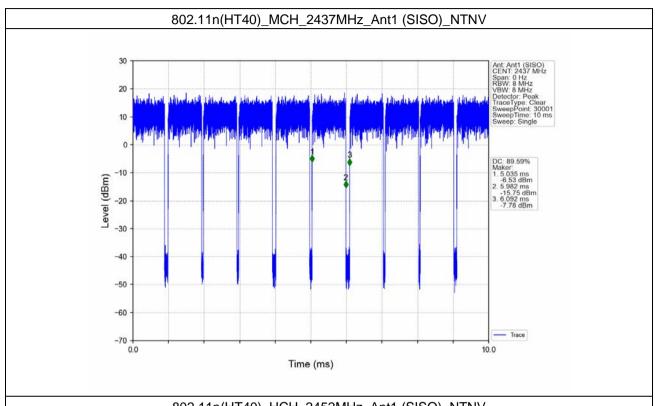
10.0

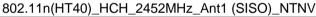


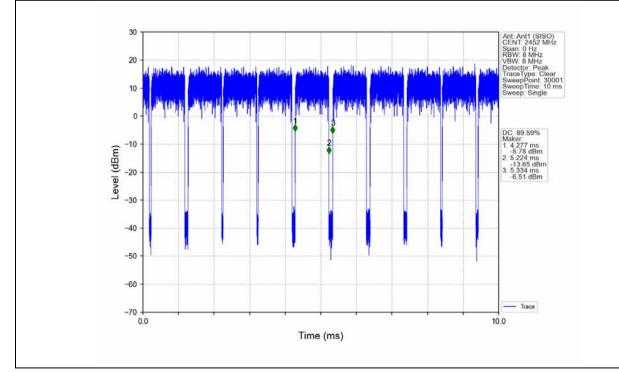
SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 104 of 142









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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t(86-755)26012053 f(86-755)26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 105 of 142

2. Bandwidth

2.1 6dB BW

2.1.1 Test Result

Mode	TX	Frequency	ANT	6dB Bandv	vidth (MHz)	Vordict
iviode	Type	(MHz)	AINT	Result	Limit	Verdict
		2412	1	10.123	>=0.5	Pass
802.11b	SISO	2437	1	10.127	>=0.5	Pass
		2462	1	10.132	>=0.5	Pass
		2412	1	16.381	>=0.5	Pass
802.11g	SISO	2437	1	16.368	>=0.5	Pass
		2462	1	16.376	>=0.5	Pass
000.44		2412	1	17.339	>=0.5	Pass
802.11n (HT20)	SISO	2437	1	17.296	>=0.5	Pass
(11120)		2462	1	17.260	>=0.5	Pass
200.44		2422	1	26.134	>=0.5	Pass
802.11n (HT40)	SISO	2437	1	35.830	>=0.5	Pass
(11140)		2452	1	35.887	>=0.5	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

Member of the SGS Group (SGS SA)

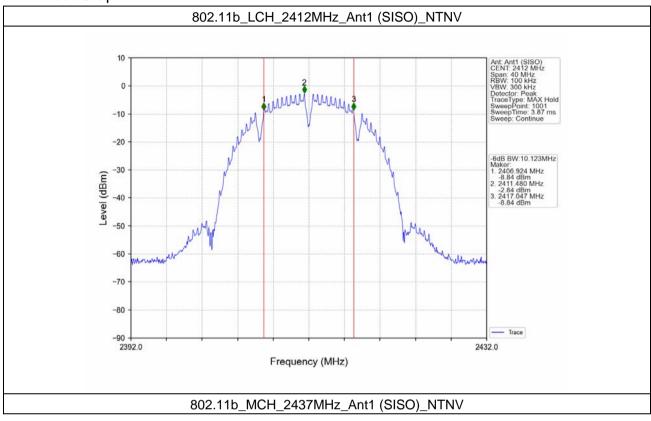


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 106 of 142

2.1.2 Test Graph





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

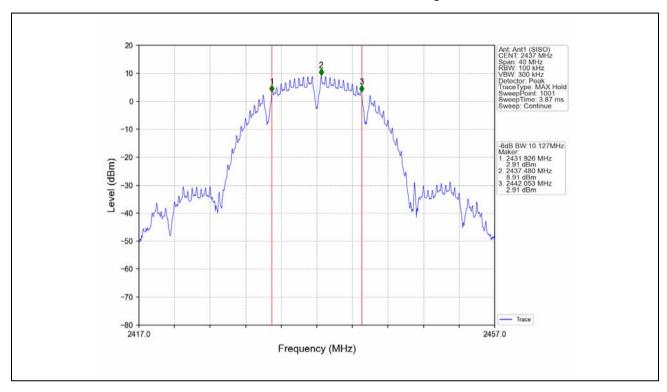
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

107 of 142 Page:





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

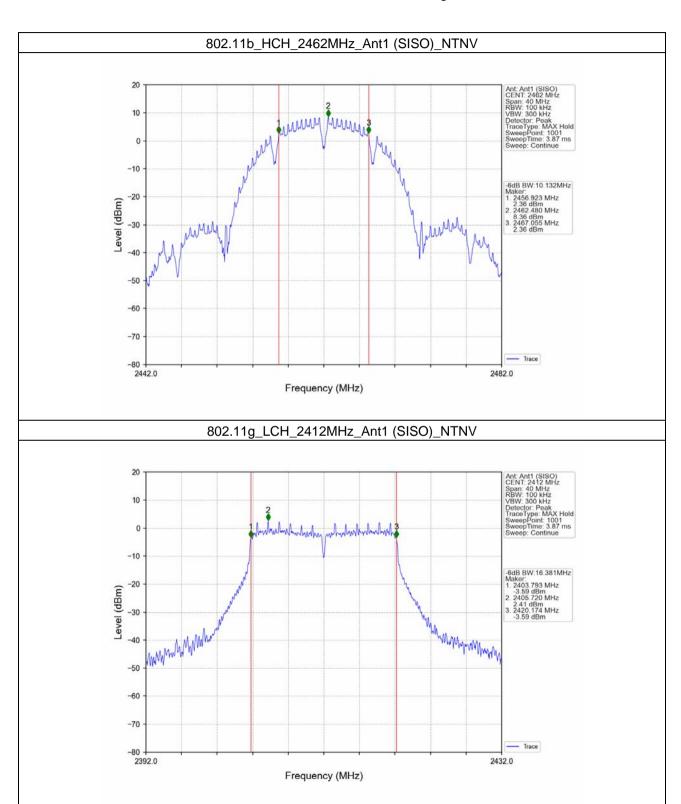
Member of the SGS Group (SGS SA)



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 108 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

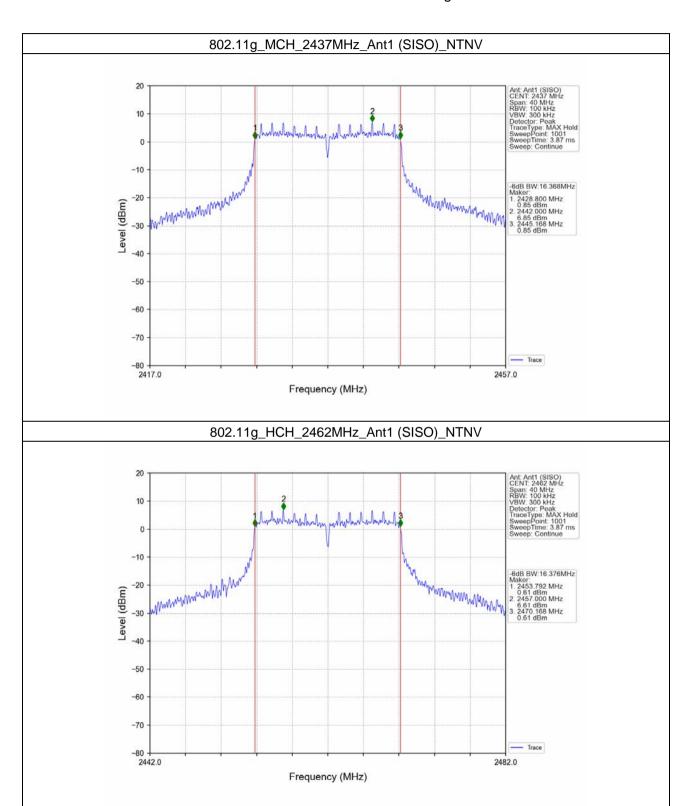
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 109 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

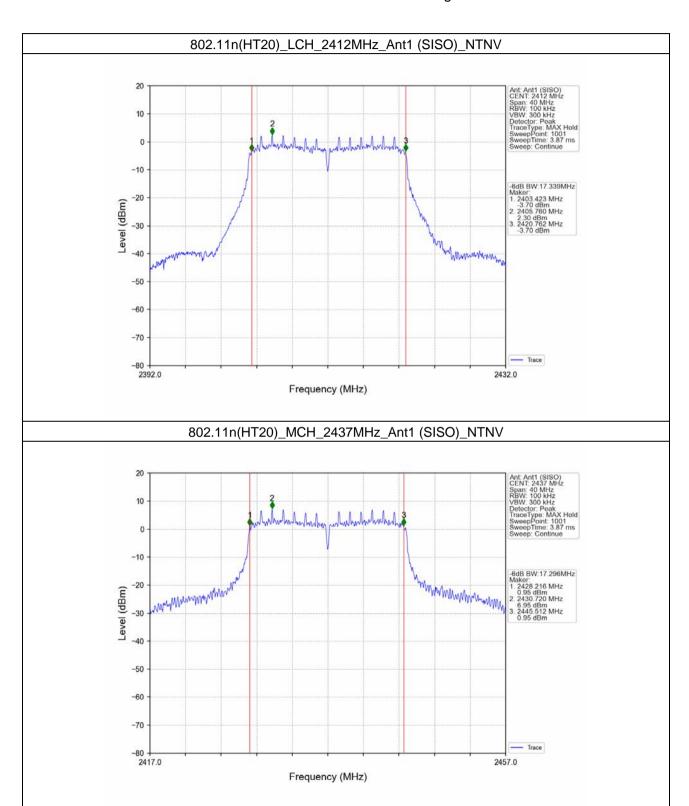
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 110 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

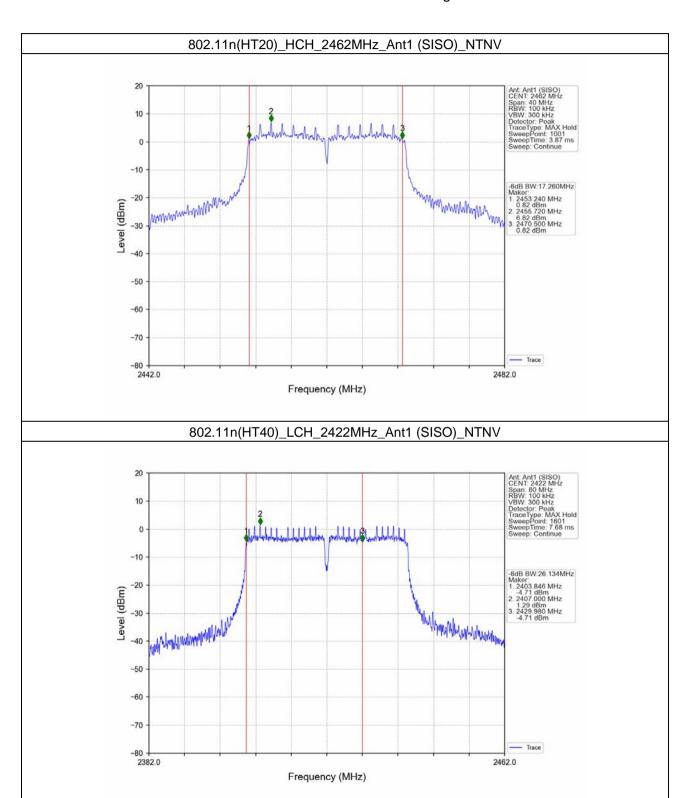
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or ceradit: CM-Doccheck@sgs.com
| Not. Wortshop, N-10, Middle Section, Science & Technology Part, Narohan District, Shenzher, Guargiong, (Shina 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 111 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

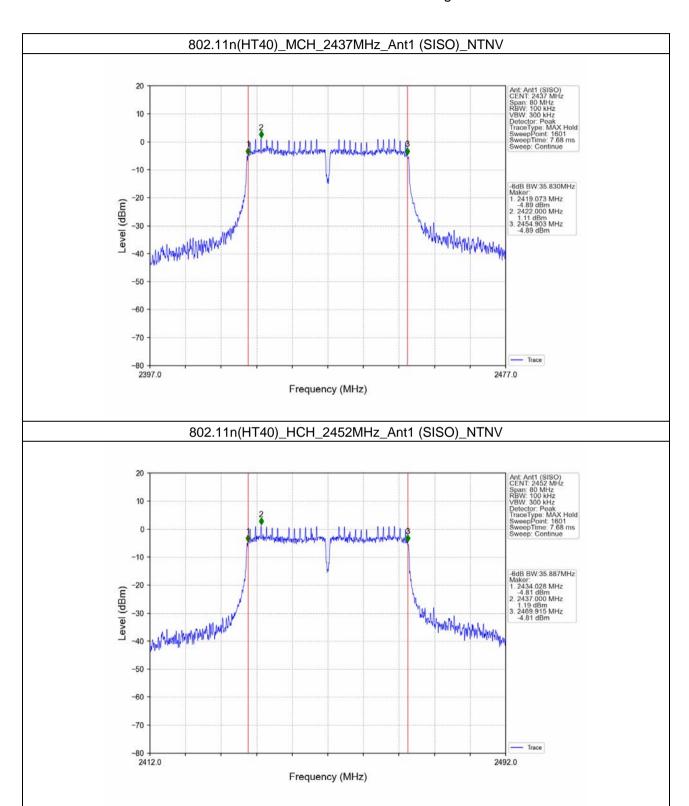
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 112 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@sgs_com | lka! Windshop, kin, lkasha lishid, Sheathen, Guangking, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 113 of 142

3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Condu	\/andiat	
			ANT1	Limit	Verdict
802.11b	SISO	2412	18.08	<=30	Pass
		2437	17.79	<=30	Pass
		2462	17.37	<=30	Pass
802.11g	SISO	2412	17.84	<=30	Pass
		2437	17.59	<=30	Pass
		2462	17.33	<=30	Pass
802.11n (HT20)	SISO	2412	17.73	<=30	Pass
		2437	17.58	<=30	Pass
		2462	17.21	<=30	Pass
802.11n (HT40)	SISO	2422	15.31	<=30	Pass
		2437	15.11	<=30	Pass
		2452	15.03	<=30	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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

Member of the SGS Group (SGS SA)



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 114 of 142

4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX	Frequency	Maximum PS	\/ordiot	
	Type	(MHz)	ANT1	Limit	Verdict
802.11b	SISO	2412	-5.59	<=8	Pass
		2437	-5.97	<=8	Pass
		2462	-5.85	<=8	Pass
802.11g	SISO	2412	-7.78	<=8	Pass
		2437	-7.72	<=8	Pass
		2462	-8.75	<=8	Pass
802.11n (HT20)	SISO	2412	-7.97	<=8	Pass
		2437	-8.58	<=8	Pass
		2462	-9.00	<=8	Pass
802.11n (HT40)	SISO	2422	-13.66	<=8	Pass
		2437	-14.10	<=8	Pass
		2452	-13.89	<=8	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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

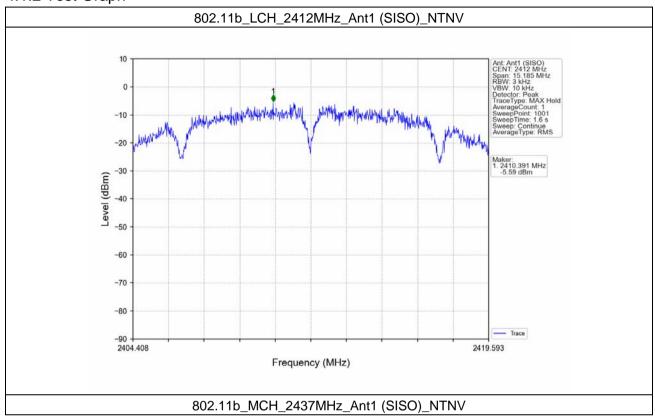


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 115 of 142

4.1.2 Test Graph





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

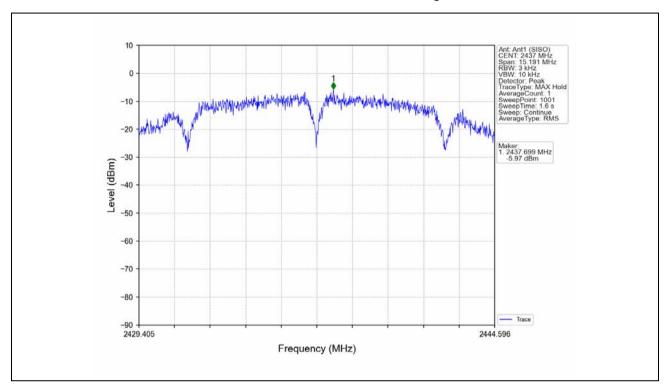
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 116 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

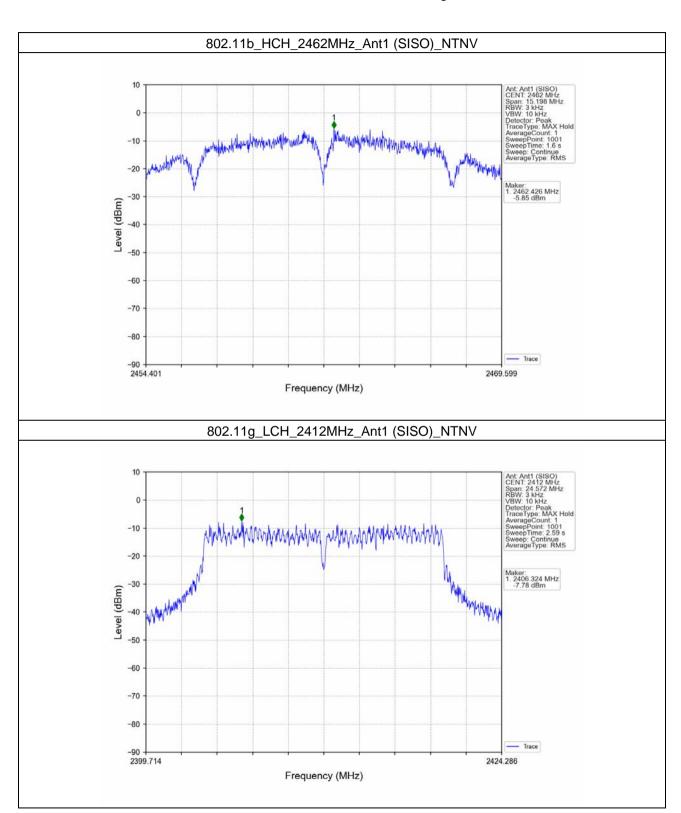
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 117 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

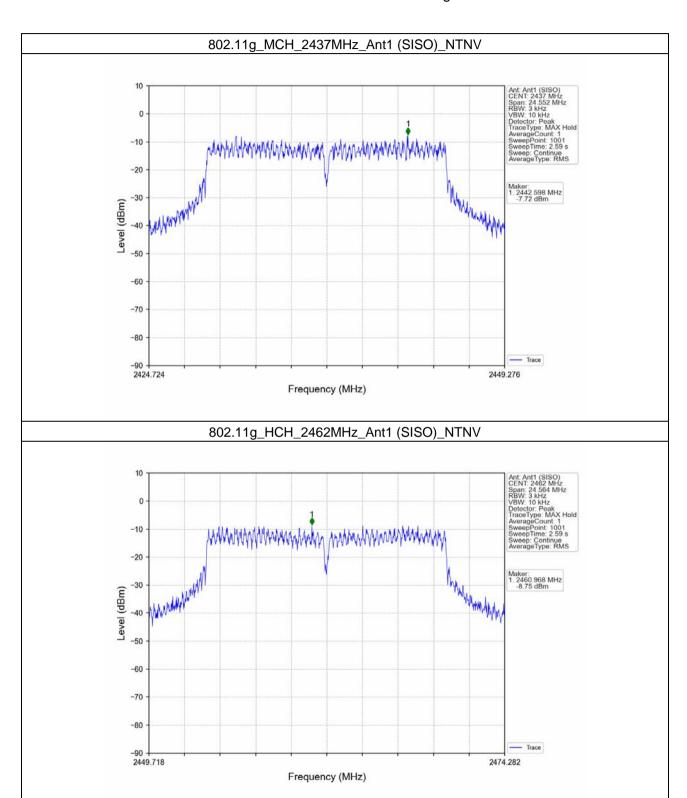
No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 118 of 142





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 https://www.sgs.com/en/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 sindings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CALDoccheck@sas.com"

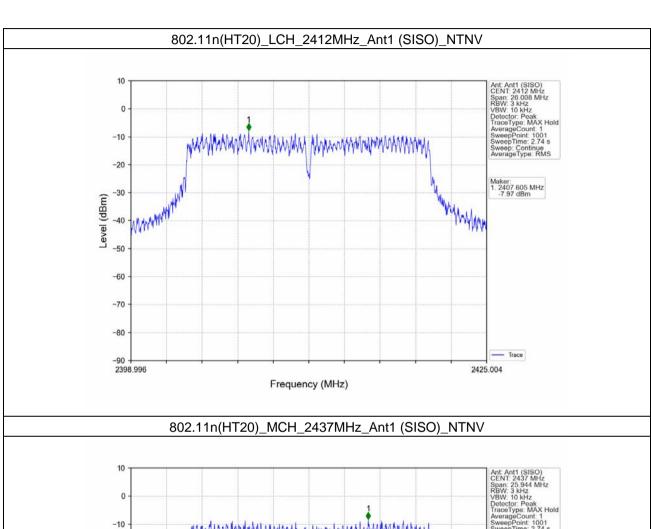
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Sherazhen, Guangdong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

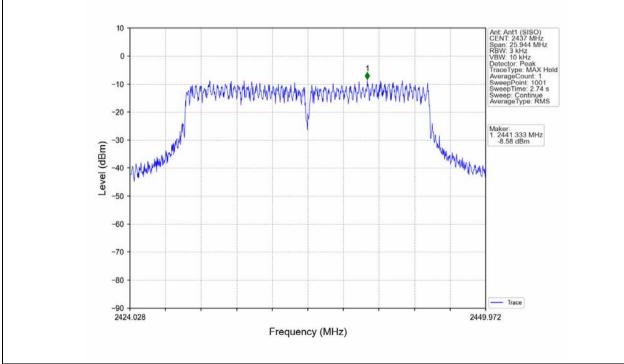


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 119 of 142







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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

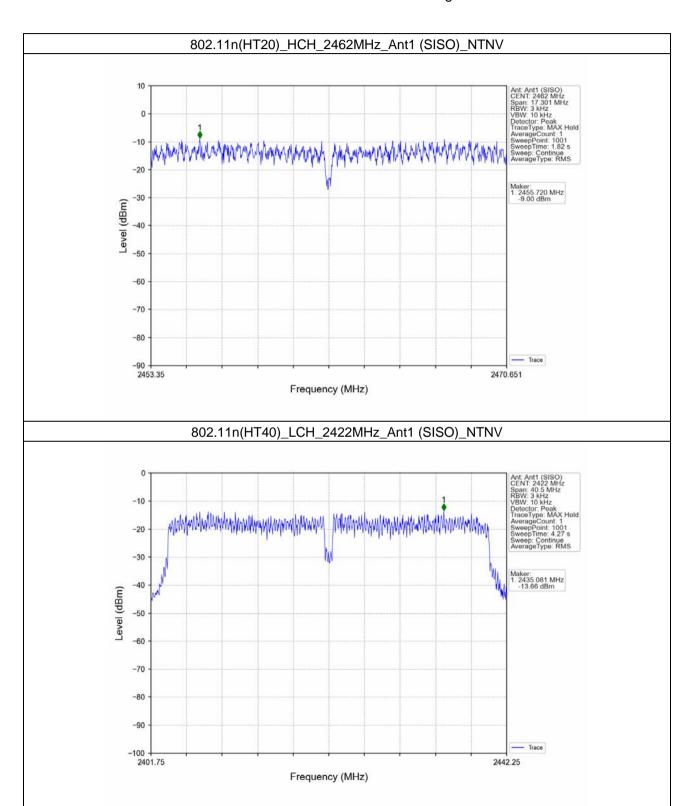
Attention: To check the authenticity of festing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: C.M.Doccheck@sgs.com
|\liot.\Workshop,\Wild(\textrack\) | Morthshop,\Wild(\textrack\) | Morthshop,\Wil



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 120 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's farty. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ass.com"

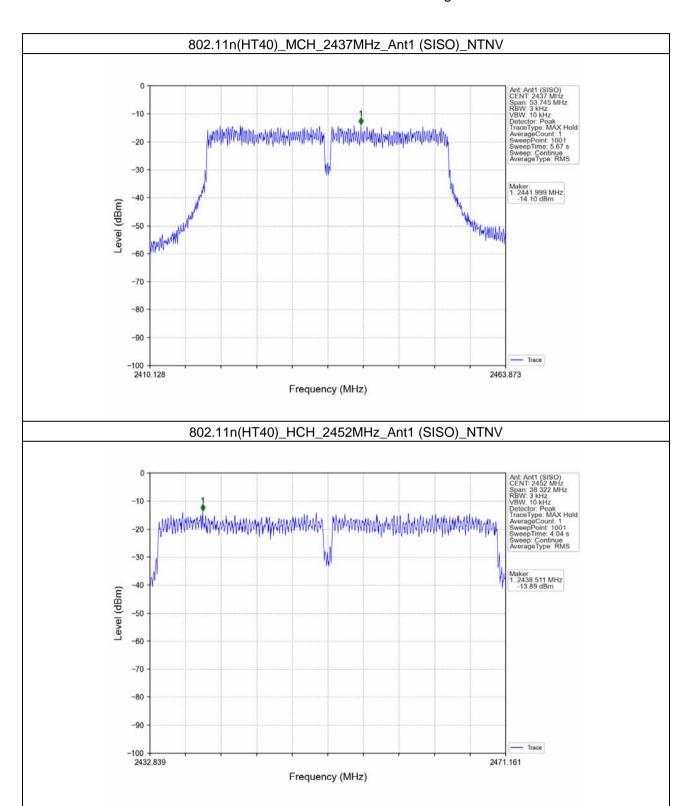
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 121 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 122 of 142

5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
		2412	1	9.12
802.11b	SISO	2437	1	8.81
		2462	1	8.23
	SISO	2412	1	7.03
802.11g		2437	1	6.78
		2462	1	6.81
222.44	SISO	2412	1	7.20
802.11n (HT20)		2437	1	6.90
(11120)		2462	1	6.70
	SISO	2422	1	1.27
802.11n (HT40)		2437	1	1.14
(11140)		2452	1	0.88



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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

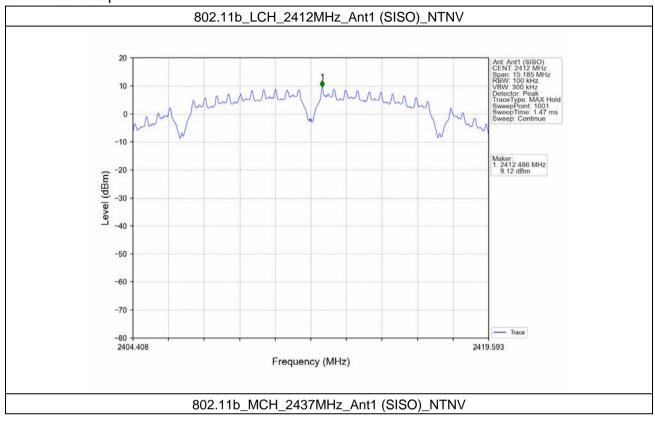


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 123 of 142

5.1.2 Test Graph





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

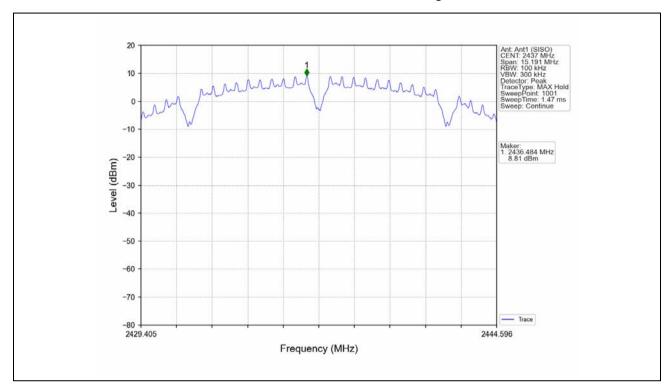
Member of the SGS Group (SGS SA)



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 124 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

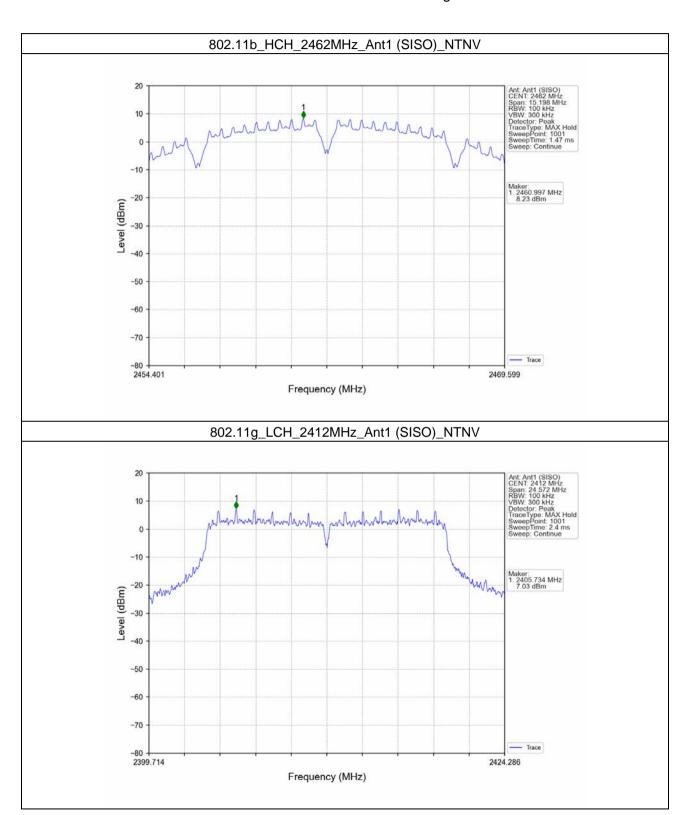
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 125 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

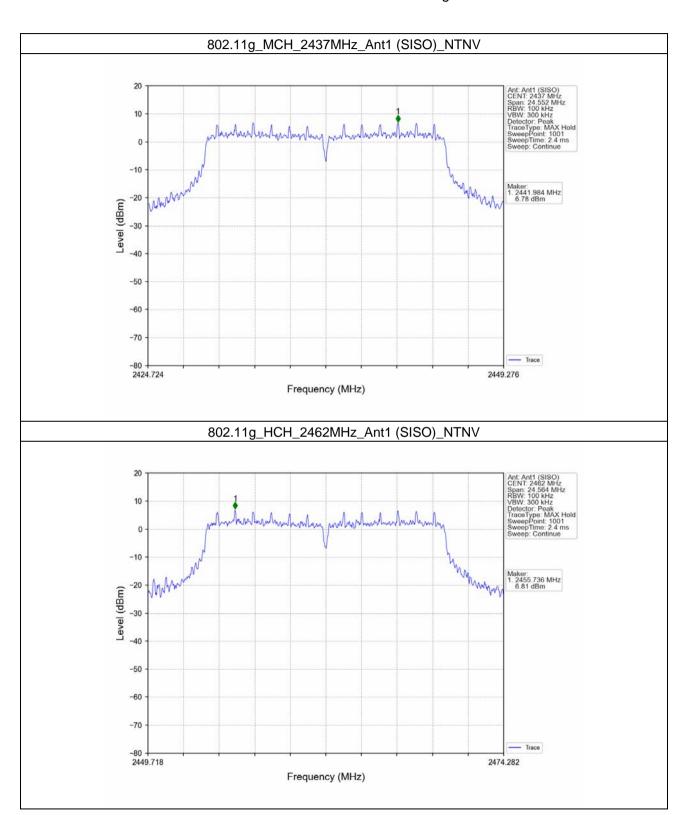
No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 126 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

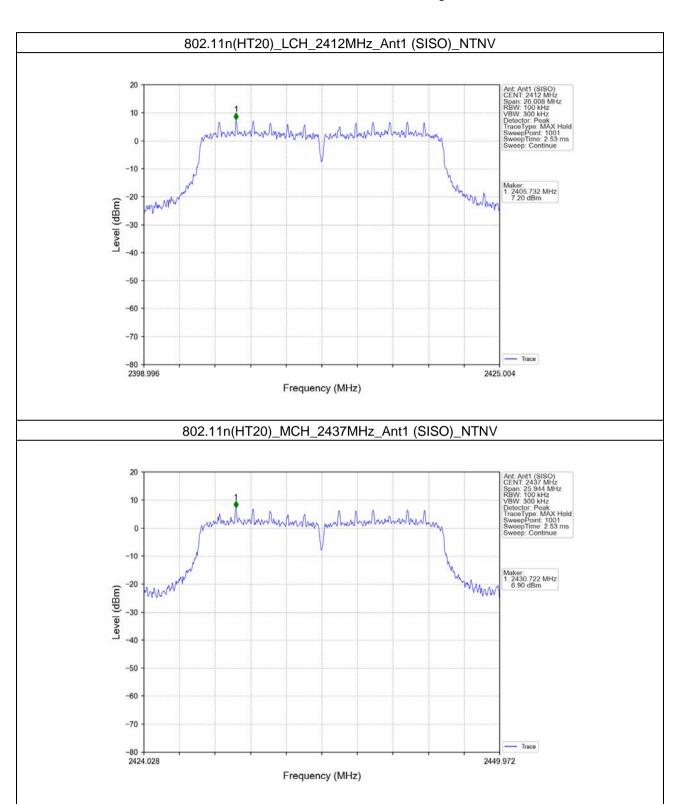
No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 127 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

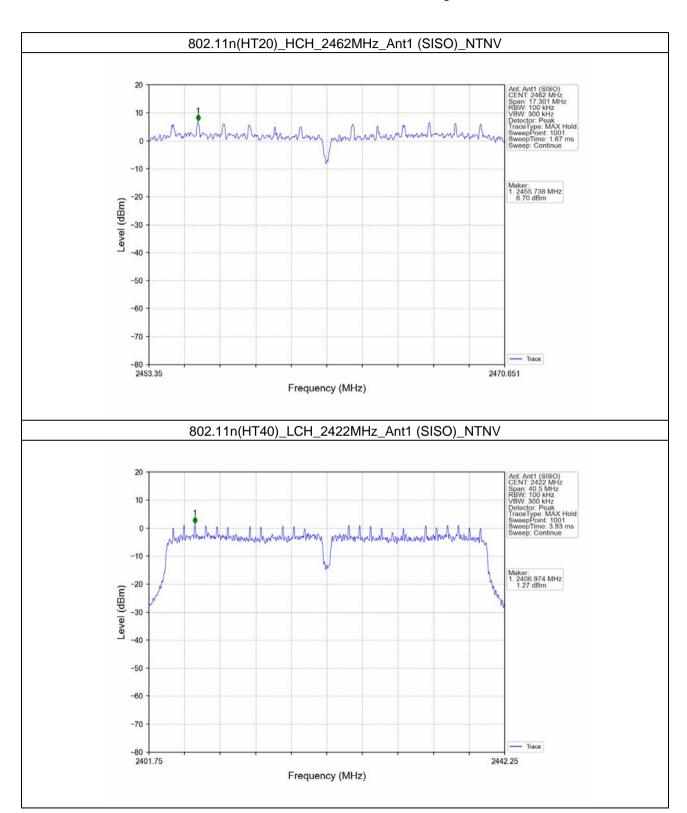
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or ceradit: CM-Deccheck@sgs.com
|va.1Wortshop, N-10, Middle Section, Science & Technology Part, Narohan District, Shenzhen, Guangdong, (Zhina 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
| 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 128 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

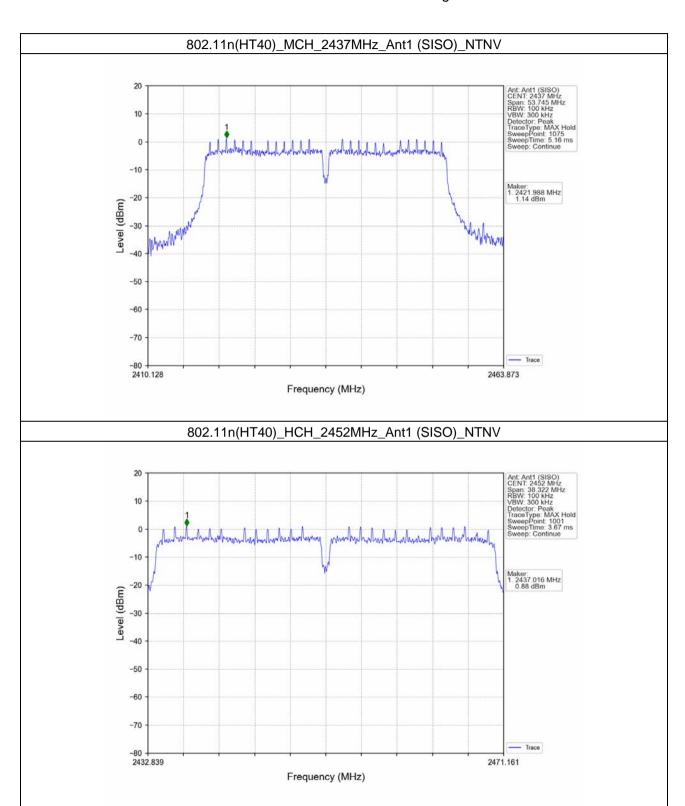
No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t(86-755)26012053 f(86-755)26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 129 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

No.1 Workshop, M-10, Middle Sections, Science & Technology Park, Nanshan District, Shenzhen, Guangtong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t(86-755)26012053 f(86-755)26710594 sgs.china@sgs.com



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 130 of 142

5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	9.12	-20.88	Pass
		2437	1	9.12	-20.88	Pass
		2462	1	9.12	-20.88	Pass
802.11g	SISO	2412	1	7.03	-22.97	Pass
		2437	1	7.03	-22.97	Pass
		2462	1	7.03	-22.97	Pass
802.11n (HT20)	SISO	2412	1	7.20	-22.80	Pass
		2437	1	7.20	-22.80	Pass
		2462	1	7.20	-22.80	Pass
802.11n (HT40)	SISO	2422	1	1.27	-28.73	Pass
		2437	1	1.27	-28.73	Pass
		2452	1	1.27	-28.73	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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

or email: <u>CN. Doccheck@ags.com</u>
| Wo.1 Wortshop, W-10, Middle Section, Science & Technology Park, Nanshan District, Sherchen, Guangdong, Chine 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn
| 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86–755) 26012053 f (86–755) 26710594 sgs.china@sgs.com

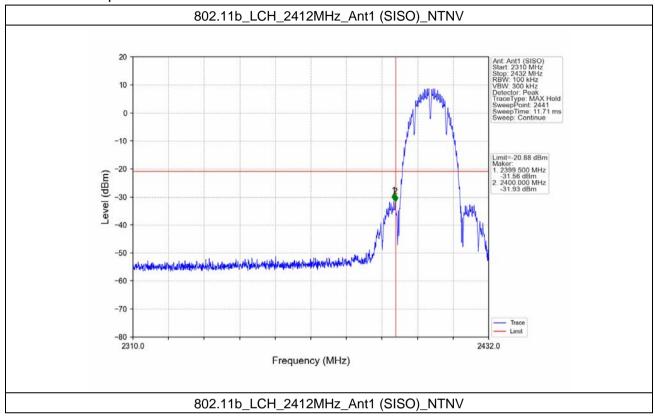


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 131 of 142

5.2.2 Test Graph





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

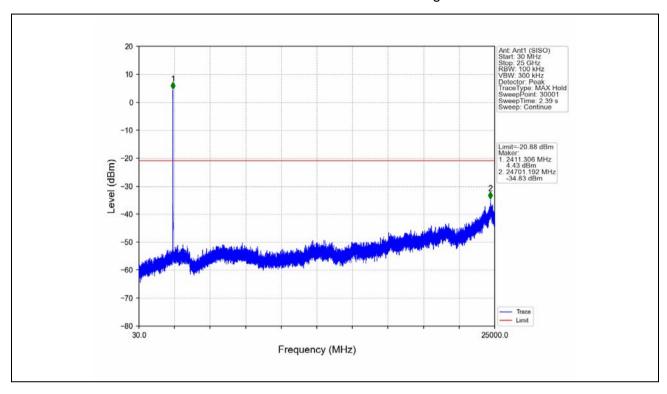
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 132 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

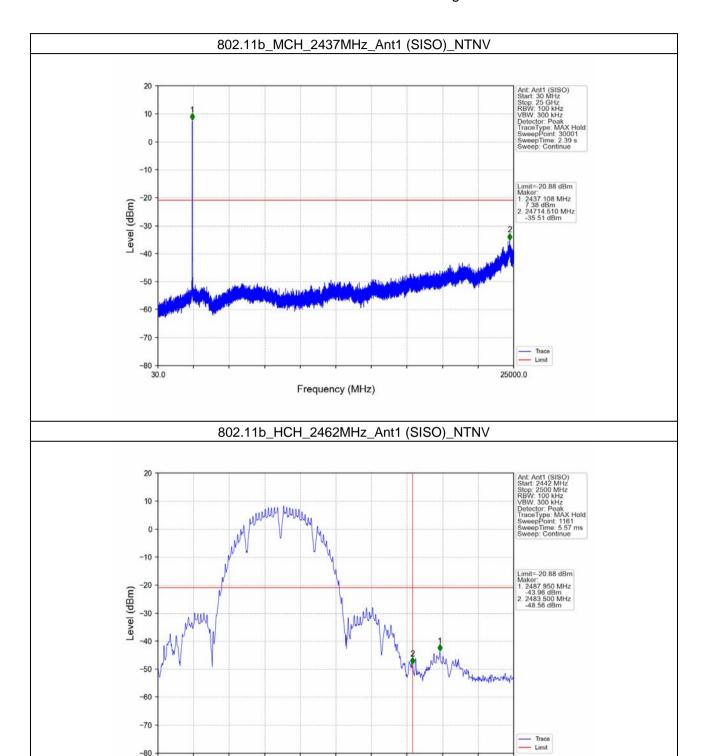
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 133 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

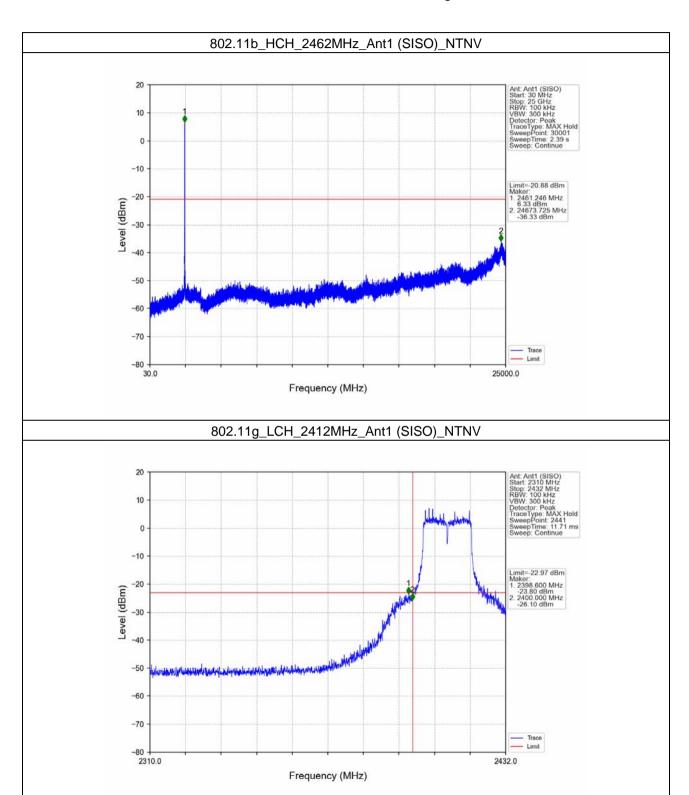
Frequency (MHz)



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 134 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

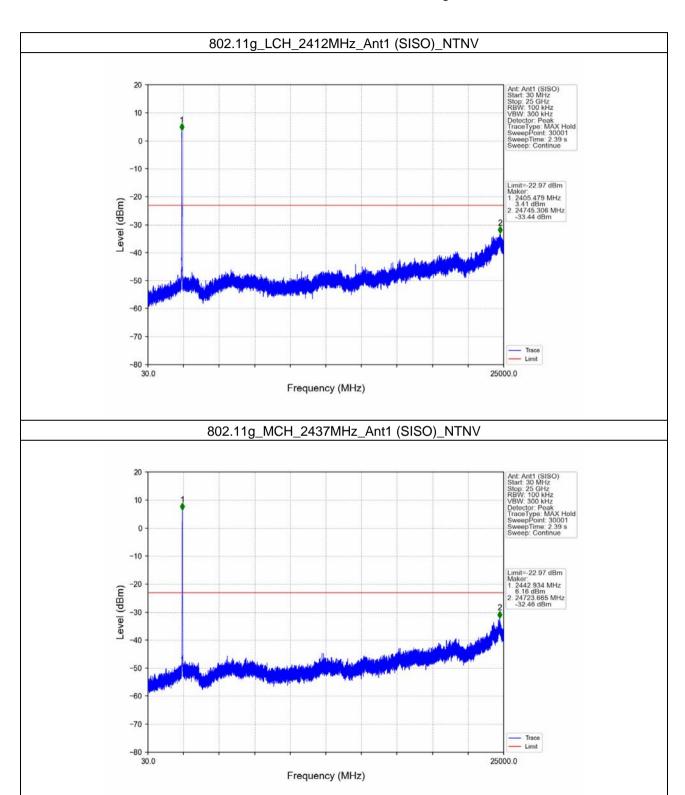
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 135 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

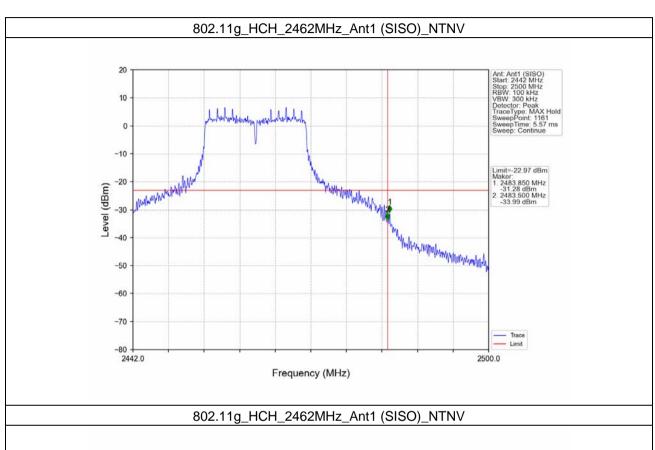
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"

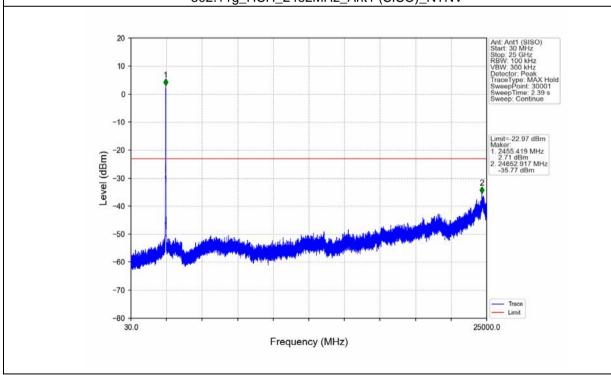


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 136 of 142







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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

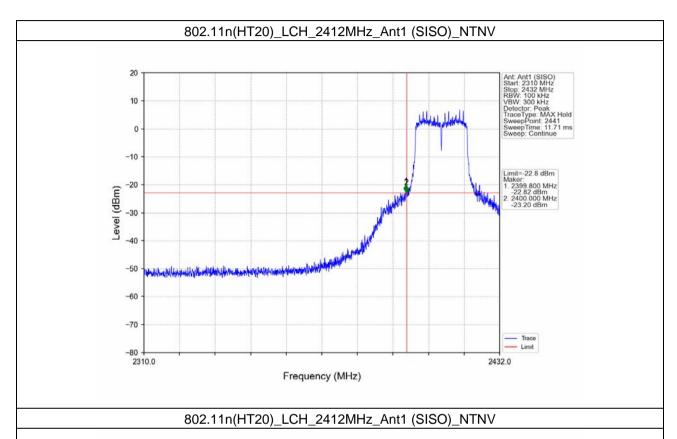
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

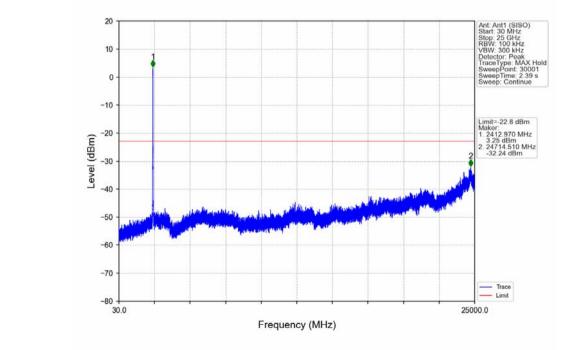


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 137 of 142







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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

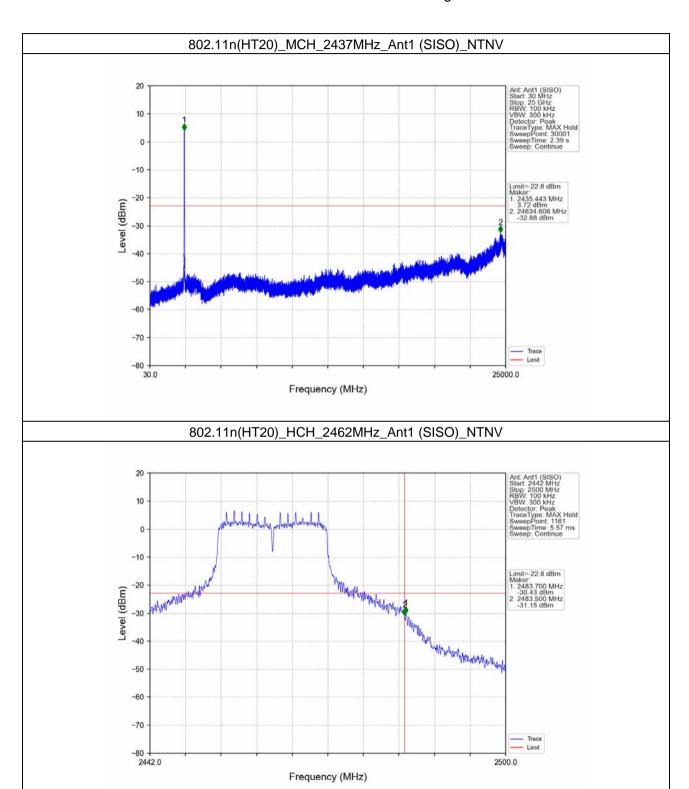
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 138 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

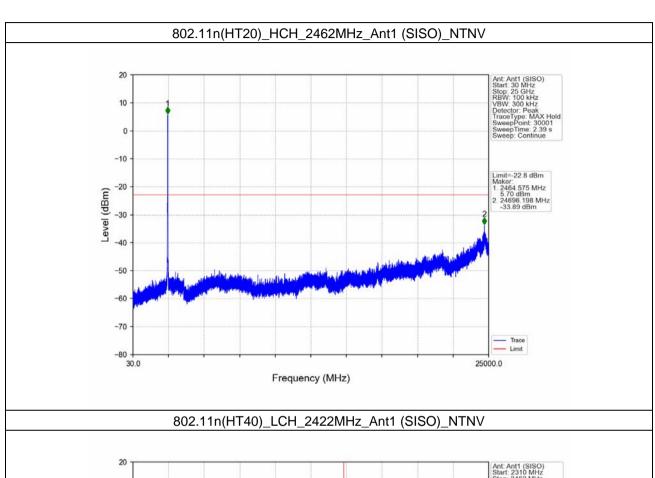
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

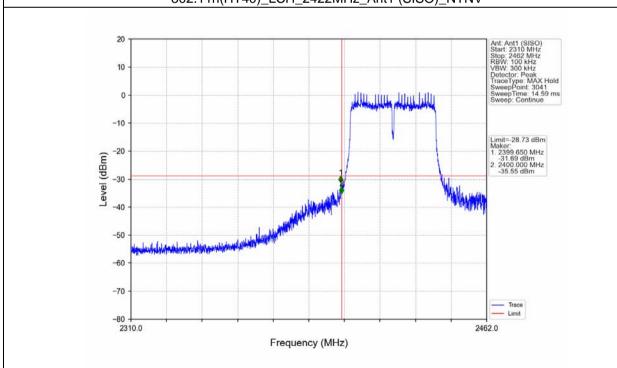


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 139 of 142







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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

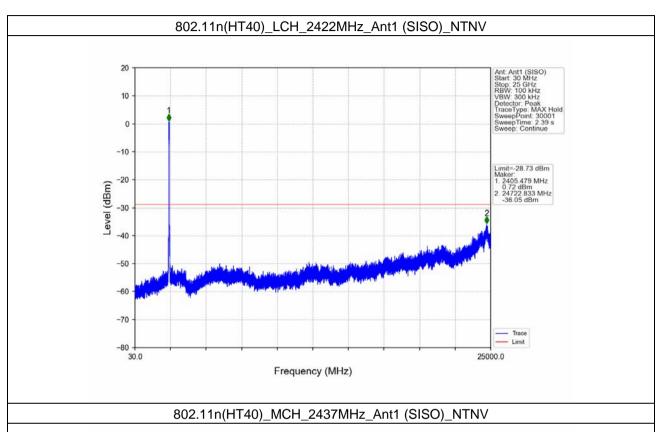
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"

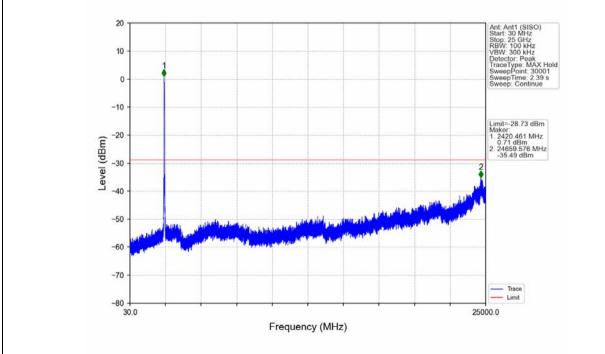


SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 140 of 142







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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

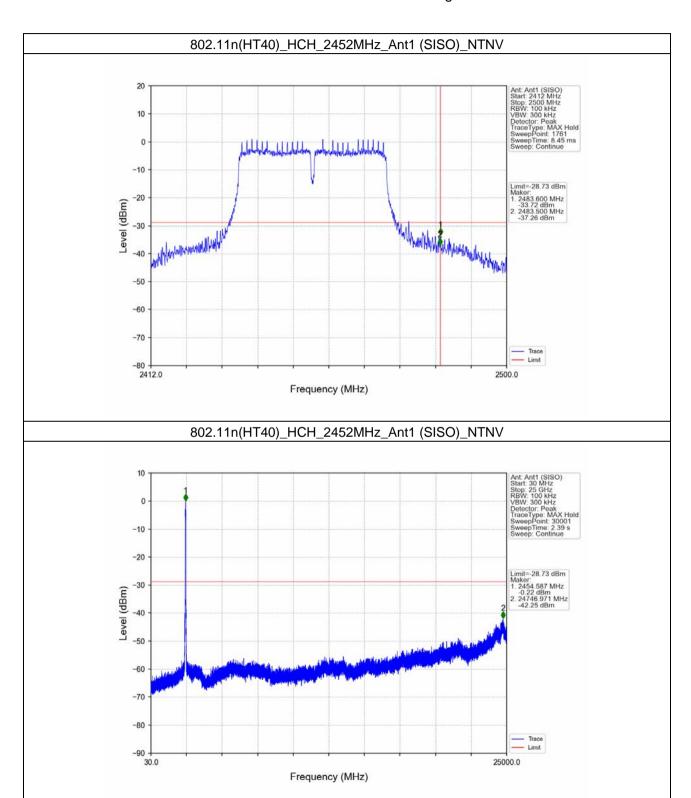
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 141 of 142





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 https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ss.com"



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400096203

Page: 142 of 142

- End of the Report -



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/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 solide at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com"