

# TEST REPORT

**Application No.:** SZCR2410003954WM  
**Applicant:** Realme Chongqing Mobile Telecommunications Corp., Ltd.  
**Address of Applicant:** No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China  
**Manufacturer:** Realme Chongqing Mobile Telecommunications Corp., Ltd.  
**Address of Manufacturer:** No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China  
**Equipment Under Test (EUT):**  
**EUT Name:** Mobile Phone  
**Model No.:** RMX5051  
**Trade Mark:** realme  
**FCC ID:** 2AUYFRMX5051  
**Standard(s) :** 47 CFR Part 15, Subpart B  
**Date of Receipt:** 2024-10-25  
**Date of Test:** 2024-11-06 to 2024-11-08  
**Date of Issue:** 2024-11-18

<b>Test Result:</b>	<b>Pass*</b>
---------------------	--------------

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

Keny Xu

Keny Xu  
EMC Laboratory Manager



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

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

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



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

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 2 of 48

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2024-11-18		Original

Authorized for issue by:				
		<div>Sherlock Fang</div>		
		Sherlock Fang/Project Engineer		
		<div>Eric Fu</div>		
		Eric Fu/Reviewer		



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

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

## 2 Test Summary

Emission Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at Mains Terminals (150kHz-30MHz)	47 CFR Part 15, Subpart B	ANSI C63.4:2014	15.107(a);Class B	Pass
Radiated Emissions (30MHz-1GHz)		ANSI C63.4:2014	15.109(a);Class B	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.4:2014	15.109(g);Class B	Pass



## 3 Contents

	Page
1 Cover Page .....	1
2 Test Summary .....	3
3 Contents .....	4
4 General Information.....	5
4.1 Details of E.U.T. ....	5
4.2 Description of Support Units .....	5
4.3 Test modes .....	5
4.4 Measurement Uncertainty .....	6
4.5 Test Location .....	7
4.6 Test Facility.....	7
4.7 Deviation from Standards .....	7
4.8 Abnormalities from Standard Conditions .....	7
5 Equipment List .....	8
6 Emission Test Results .....	10
6.1 Conducted Emissions at Mains Terminals (150kHz-30MHz) .....	10
6.1.1 E.U.T. Operation .....	10
6.1.2 Test Mode Description .....	10
6.1.3 Test Setup Diagram .....	11
6.1.4 Measurement Procedure and Data.....	11
6.2 Radiated Emissions (30MHz-1GHz) .....	20
6.2.1 E.U.T. Operation .....	20
6.2.2 Test Mode Description .....	20
6.2.3 Test Setup Diagram .....	21
6.2.4 Measurement Procedure and Data.....	21
6.3 Radiated Emissions (Above 1GHz).....	32
6.3.1 E.U.T. Operation .....	32
6.3.2 Test Mode Description .....	32
6.3.3 Test Setup Diagram .....	33
6.3.4 Measurement Procedure and Data.....	33
7 Test Setup Photo .....	48
8 EUT Constructional Details (EUT Photos).....	48



## 4 General Information

### 4.1 Details of E.U.T.

Power supply:	DC 3.92V from internal rechargeable battery which can be charged by AC/DC adapter
---------------	---

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.

Item No.	Mode No.	Manufacturer
Adapter 1	VCB80AUH	Dongguan Aohai Technology Co., Ltd.
Adapter 2	VCB80AUH	Huizhou Golden Lake Industrial Co., Ltd.
USB cable	DL129	/
Battery	BLPB77	Dongguan NVT Technology Co., Ltd

### 4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Router	NETGEAR	DGN2200	REF. No.SEA22A00
Laptop	Lenovo	T14	REF. No.SEA18F04
Mouse	Lenovo	M-U0025-O	REF. No.:SEA24A00
Earphone	OPPO	MH135	/

### 4.3 Test modes

Pretest these modes to find the worst case and show the worse data in the test items:	<p>19 Transfer data between the EUT and the PC+USB Cable</p> <p>20 Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter1/earphone</p> <p>21 Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter2/earphone</p> <p>22 Telecom Idle+EUT+NFC+BT+WLAN5G+USB cable+Adapter(worst)/earphone</p> <p>23 Telecom Idle+EUT+NFC+camera(Front)+USB cable+Adapter(worst)/earphone</p> <p>24 Telecom Idle+EUT+NFC+camera(Back)+USB cable+Adapter(worst)/earphone</p> <p>25 Telecom Idle+EUT+NFC+BT+WLAN2.4G+GNSS+OTG output</p> <p>26 GSM 850(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone</p> <p>27 WCDMA Band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone</p> <p>28 LTE band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone</p> <p>29 LTE band 12(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone</p> <p>30 LTE band 13(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone</p> <p>31 LTE band 17(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone</p> <p>32 LTE band 26(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone</p>
---	---



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

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 6 of 48

34	NR_SA_N5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
35	NR_SA_N26(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone

## 4.4 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at Mains Terminals (150kHz-30MHz)	$\pm 3.1\text{dB}$
Radiated Emissions (30MHz-1GHz)	$\pm 6.0\text{dB}$ for 3m; $\pm 5.0\text{dB}$ for 10m
Radiated Emissions (Above 1GHz)	$\pm 4.6\text{dB}$
<p>Remark:</p> <p>The <math>U_{\text{lab}}</math> (lab Uncertainty) is less than <math>U_{\text{CISPR/ETSI}}</math> (CISPR/ETSI Uncertainty), so the test results</p> <ul style="list-style-type: none"> <li>– compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;</li> <li>– non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.</li> </ul>	

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

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 7 of 48

### 4.5 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.

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

No tests were sub-contracted.

### 4.6 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.

### 4.7 Deviation from Standards

None

### 4.8 Abnormalities from Standard Conditions

None



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

Unless otherwise agreed 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 findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.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.ssgroup.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

## 5 Equipment List

Conducted Emissions at Mains Terminals (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	ESR	SZ-WRG-M-047	2024-01-30	2025-01-29
Measurement Software	AUDIX	e3 V8.2014-6-27a	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2024-07-06	2025-07-05
LISN	Rohde&Schwarz	ENV216	SEM007-01	2024-08-15	2025-08-14
LISN	ETS-LINDGREN	3816/2	SEM007-02	2024-03-14	2025-03-13

Radiated Emissions (30MHz-1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2023-06-19	2026-06-18
MXE EMI Receiver	Agilent Technologies	N9038A	SEM004-15	2024-08-14	2025-08-13
BiConiLog Antenna	ETS-LINDGREN	3142C	SEM003-01	2023-09-16	2025-09-15
Pre-Amplifier	Agilent Technologies	8447D	SEM005-01	2024-03-14	2025-03-13
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2024-07-06	2025-07-05

Radiated Emissions (Above 1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
3m Fully-Anechoic Chamber	AUDIX	N/A	SEM001-02	2024-05-11	2027-05-10
Signal Analyzer	Rohde & Schwarz	FSV40	SEM008-04	2024-03-15	2025-03-14
Horn Antenna	Rohde&Schwarz	HF907	SEM003-07	2023-07-23	2025-07-22
Microwave system amplifier	Agilent	83017A	SEM005-25	2024-09-14	2025-09-13
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2024-07-06	2025-07-05





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

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 9 of 48

General used equipment					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	deli	8838	SEM002-32	2024-07-24	2025-07-23
Humidity/ Temperature Indicator	deli	8838	SEM002-33	2024-07-24	2025-07-23
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2024-03-18	2025-03-17
Universal Radio Communication Tester	Rohde & Schwarz	CMW 500	SEM010-03	2024-03-14	2025-03-13
Universal Radio Communication Tester	Rohde & Schwarz	CMW 500	SEM010-11	2024-03-14	2025-03-13
Radio Communication Analyzer	Anritsu	MT8821C	SEM010-09	2024-03-14	2025-03-13
Radio Communication Analyzer	Anritsu	MT8000A	SEM010-10	2024-03-14	2025-03-13



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

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

## 6 Emission Test Results

### 6.1 Conducted Emissions at Mains Terminals (150kHz-30MHz)

Test Requirement: 47 CFR Part 15, Subpart B

Test Method: ANSI C63.4:2014

Limit:

0.15M-0.5MHz	66dB(μV)-56dB(μV) quasi-peak, 56dB(μV)-46dB(μV) average
0.5M-5MHz	56dB(μV) quasi-peak, 46dB(μV) average
5M-30MHz	60dB(μV) quasi-peak, 50dB(μV) average
Detector:	Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz

#### 6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C Humidity: 44.5 % RH Atmospheric Pressure: 1020 mbar

#### 6.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	19	Transfer data between the EUT and the PC+USB Cable
Final test	20	Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter1/earphone
Final test	21	Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter2/earphone
Final test	22	Telecom Idle+EUT+NFC+BT+WLAN5G+USB cable+Adapter(worst)/earphone
Pre-scan	23	Telecom Idle+EUT+NFC+camera(Front)+USB cable+Adapter(worst)/earphone
Pre-scan	24	Telecom Idle+EUT+NFC+camera(Back)+USB cable+Adapter(worst)/earphone
Pre-scan	25	Telecom Idle+EUT+NFC+BT+WLAN2.4G+GNSS+OTG output
Pre-scan	26	GSM 850(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	27	WCDMA Band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	28	LTE band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	34	NR_SA_N5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone



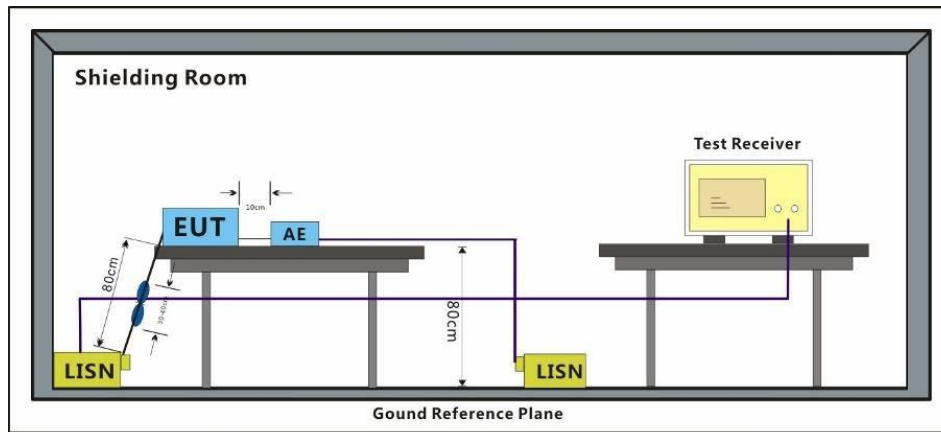
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Laboratory

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.sgs.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

### 6.1.3 Test Setup Diagram



### 6.1.4 Measurement Procedure and Data

An initial pre-scan was performed with peak detector. Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected.

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



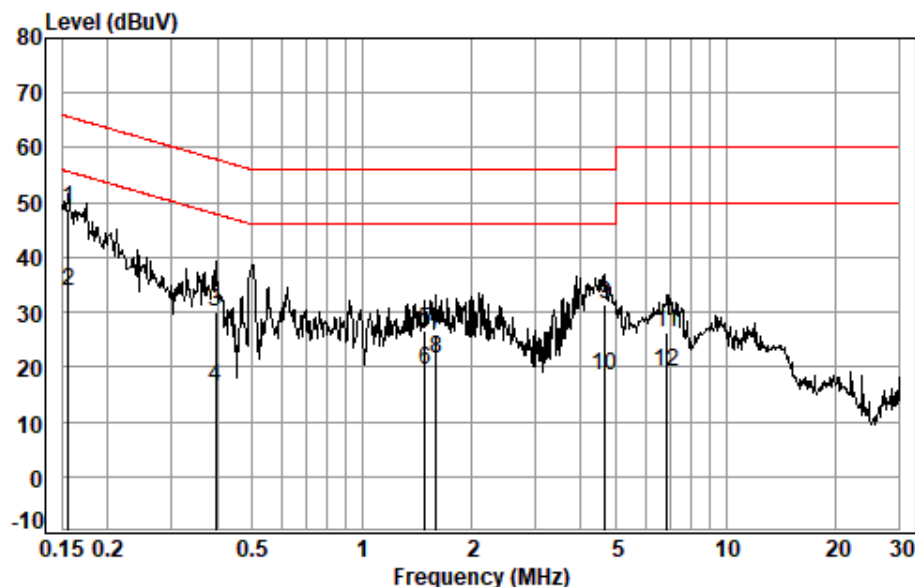
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 12 of 48

Test Mode: 19; Line: Live line



Site : Shielding Room  
Condition: Line  
Job No. : 03954WM  
Test mode: 19

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1565	0.06	9.81	38.83	48.70	65.65	-16.95	QP
2 *	0.1565	0.06	9.81	23.99	33.86	55.65	-21.79	Average
3	0.3955	0.07	9.73	20.15	29.95	57.95	-28.00	QP
4	0.3955	0.07	9.73	6.69	16.49	47.95	-31.46	Average
5	1.4874	0.10	9.68	16.68	26.46	56.00	-29.54	QP
6	1.4874	0.10	9.68	9.71	19.49	46.00	-26.51	Average
7	1.6020	0.10	9.68	16.26	26.04	56.00	-29.96	QP
8	1.6020	0.10	9.68	11.81	21.59	46.00	-24.41	Average
9	4.6469	0.12	9.64	21.78	31.54	56.00	-24.46	QP
10	4.6469	0.12	9.64	8.80	18.56	46.00	-27.44	Average
11	6.9141	0.16	9.83	16.17	26.16	60.00	-33.84	QP
12	6.9141	0.16	9.83	9.11	19.10	50.00	-30.90	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 findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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



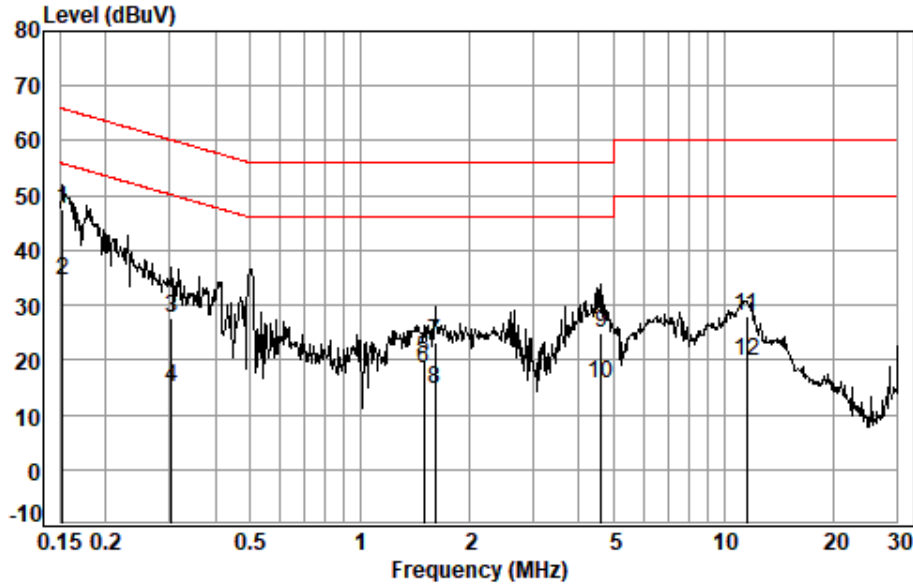
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 13 of 48

Test Mode: 19; Line: Neutral Line



Site : Shielding Room  
Condition: Neutral  
Job No. : 03954WM  
Test mode: 19

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1524	0.06	9.82	37.49	47.37	65.87	-18.50	QP
2 *	0.1524	0.06	9.82	24.58	34.46	55.87	-21.41	Average
3	0.3035	0.07	9.79	17.85	27.71	60.15	-32.44	QP
4	0.3035	0.07	9.79	5.20	15.06	50.15	-35.09	Average
5	1.5033	0.10	9.71	10.20	20.01	56.00	-35.99	QP
6	1.5033	0.10	9.71	8.45	18.26	46.00	-27.74	Average
7	1.6105	0.10	9.70	13.47	23.27	56.00	-32.73	QP
8	1.6105	0.10	9.70	4.92	14.72	46.00	-31.28	Average
9	4.5979	0.12	9.66	15.29	25.07	56.00	-30.93	QP
10	4.5979	0.12	9.66	5.80	15.58	46.00	-30.42	Average
11	11.5594	0.22	10.06	17.69	27.97	60.00	-32.03	QP
12	11.5594	0.22	10.06	9.35	19.63	50.00	-30.37	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 findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch, Testing & Calibration Laboratory

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

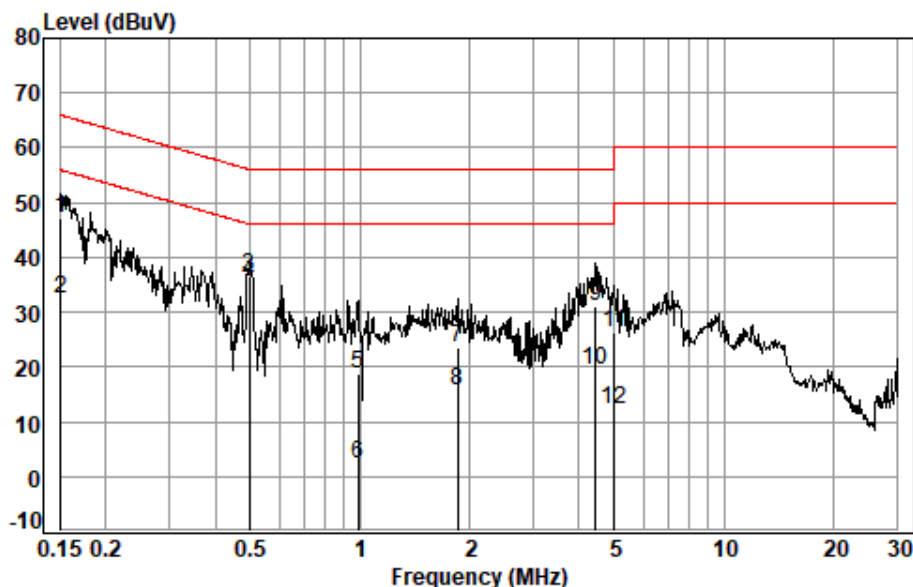
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 14 of 48

Test Mode: 20; Line: Live line



Site : Shielding Room

Condition: Line

Job No. : 03954WM

Test mode: 20

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1508	0.06	9.81	37.27	47.14	65.96	-18.82	QP
2	0.1508	0.06	9.81	22.63	32.50	55.96	-23.46	Average
3	0.4967	0.08	9.71	26.87	36.66	56.05	-19.39	QP
4 *	0.4967	0.08	9.71	25.58	35.37	46.05	-10.68	Average
5	0.9891	0.09	9.71	8.96	18.76	56.00	-37.24	QP
6	0.9891	0.09	9.71	-7.37	2.43	46.00	-43.57	Average
7	1.8581	0.10	9.67	13.66	23.43	56.00	-32.57	QP
8	1.8581	0.10	9.67	5.98	15.75	46.00	-30.25	Average
9	4.4540	0.12	9.64	21.20	30.96	56.00	-25.04	QP
10	4.4540	0.12	9.64	9.51	19.27	46.00	-26.73	Average
11	5.0046	0.12	9.64	16.66	26.42	60.00	-33.58	QP
12	5.0046	0.12	9.64	2.44	12.20	50.00	-37.80	Average



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

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

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

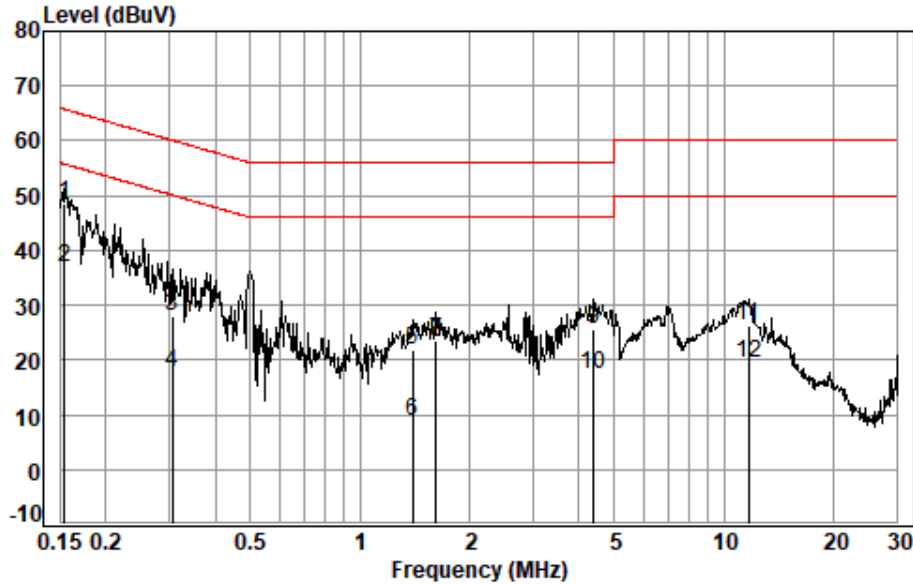
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 15 of 48

Test Mode: 20; Line: Neutral Line



Site : Shielding Room  
Condition: Neutral  
Job No. : 03954WM  
Test mode: 20

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1540	0.06	9.82	38.56	48.44	65.78	-17.34	QP
2 *	0.1540	0.06	9.82	26.89	36.77	55.78	-19.01	Average
3	0.3051	0.07	9.79	18.00	27.86	60.10	-32.24	QP
4	0.3051	0.07	9.79	8.02	17.88	50.10	-32.22	Average
5	1.3958	0.10	9.71	11.90	21.71	56.00	-34.29	QP
6	1.3958	0.10	9.71	-1.05	8.76	46.00	-37.24	Average
7	1.6190	0.10	9.70	13.58	23.38	56.00	-32.62	QP
8	1.6190	0.10	9.70	13.26	23.06	46.00	-22.94	Average
9	4.3838	0.12	9.66	15.73	25.51	56.00	-30.49	QP
10	4.3838	0.12	9.66	7.73	17.51	46.00	-28.49	Average
11	11.6826	0.22	10.06	16.12	26.40	60.00	-33.60	QP
12	11.6826	0.22	10.06	9.23	19.51	50.00	-30.49	Average



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch (SZEMC) EMC Laboratory

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

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

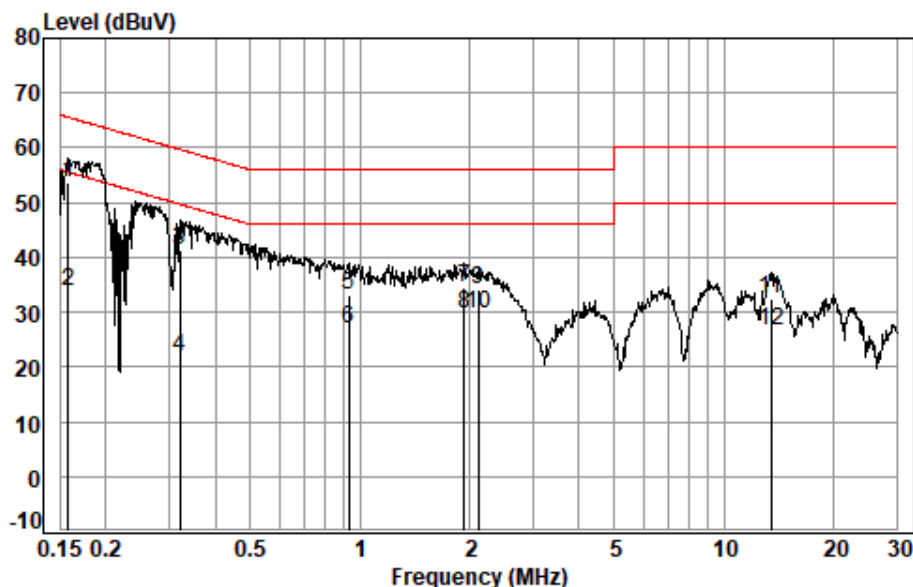
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 16 of 48

Test Mode: 21; Line: Live line



Site : Shielding Room

Condition: Line

Job No. : 03954WM

Test mode: 21

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1582	0.06	9.81	43.80	53.67	65.56	-11.89	QP
2	0.1582	0.06	9.81	24.04	33.91	55.56	-21.65	Average
3	0.3200	0.07	9.74	31.57	41.38	59.71	-18.33	QP
4	0.3200	0.07	9.74	12.10	21.91	49.71	-27.80	Average
5	0.9331	0.09	9.71	23.35	33.15	56.00	-22.85	QP
6	0.9331	0.09	9.71	17.31	27.11	46.00	-18.89	Average
7	1.9386	0.10	9.66	24.75	34.51	56.00	-21.49	QP
8 *	1.9386	0.10	9.66	20.07	29.83	46.00	-16.17	Average
9	2.1101	0.10	9.66	24.52	34.28	56.00	-21.72	QP
10	2.1101	0.10	9.66	19.84	29.60	46.00	-16.40	Average
11	13.4793	0.24	10.06	22.01	32.31	60.00	-27.69	QP
12	13.4793	0.24	10.06	16.48	26.78	50.00	-23.22	Average



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch (SZEMC) Laboratory

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

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



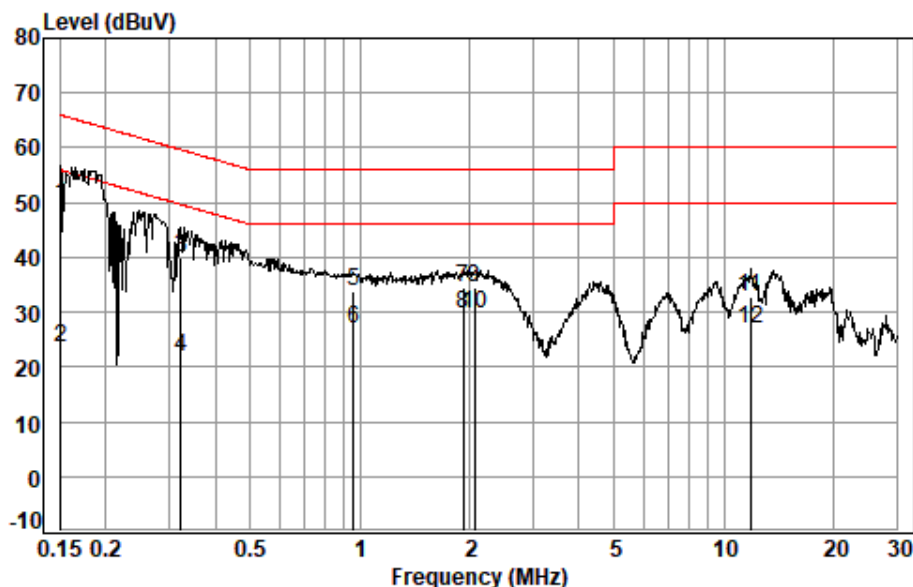
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 17 of 48

Test Mode: 21; Line: Neutral Line



Site : Shielding Room

Condition: Neutral

Job No. : 03954WM

Test mode: 21

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1508	0.06	9.82	39.70	49.58	65.96	-16.38	QP
2	0.1508	0.06	9.82	13.67	23.55	55.96	-32.41	Average
3	0.3217	0.07	9.78	30.03	39.88	59.66	-19.78	QP
4	0.3217	0.07	9.78	12.03	21.88	49.66	-27.78	Average
5	0.9582	0.09	9.73	23.85	33.67	56.00	-22.33	QP
6	0.9582	0.09	9.73	17.17	26.99	46.00	-19.01	Average
7	1.9182	0.10	9.69	24.68	34.47	56.00	-21.53	QP
8 *	1.9182	0.10	9.69	20.03	29.82	46.00	-16.18	Average
9	2.0659	0.10	9.69	24.64	34.43	56.00	-21.57	QP
10	2.0659	0.10	9.69	19.93	29.72	46.00	-16.28	Average
11	11.8697	0.23	10.07	22.56	32.86	60.00	-27.14	QP
12	11.8697	0.23	10.07	16.77	27.07	50.00	-22.93	Average



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch (SZEMC) Laboratory

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

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

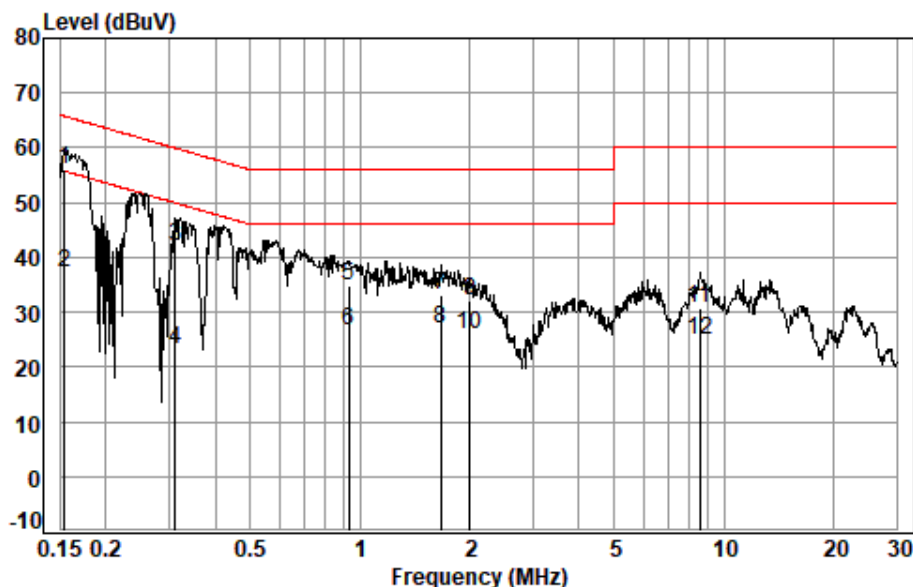
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 18 of 48

Test Mode: 22; Line: Live line



Site : Shielding Room

Condition: Line

Job No. : 03954WM

Test mode: 22

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1540	0.06	9.81	46.12	55.99	65.78	-9.79	QP
2 *	0.1540	0.06	9.81	27.27	37.14	55.78	-18.64	Average
3	0.3100	0.07	9.75	32.22	42.04	59.97	-17.93	QP
4	0.3100	0.07	9.75	13.26	23.08	49.97	-26.89	Average
5	0.9331	0.09	9.71	25.17	34.97	56.00	-21.03	QP
6	0.9331	0.09	9.71	16.70	26.50	46.00	-19.50	Average
7	1.6713	0.10	9.67	23.26	33.03	56.00	-22.97	QP
8	1.6713	0.10	9.67	17.22	26.99	46.00	-19.01	Average
9	2.0012	0.10	9.66	22.49	32.25	56.00	-23.75	QP
10	2.0012	0.10	9.66	16.17	25.93	46.00	-20.07	Average
11	8.5917	0.18	9.88	20.76	30.82	60.00	-29.18	QP
12	8.5917	0.18	9.88	14.86	24.92	50.00	-25.08	Average



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch (SZEMC) Laboratory

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

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

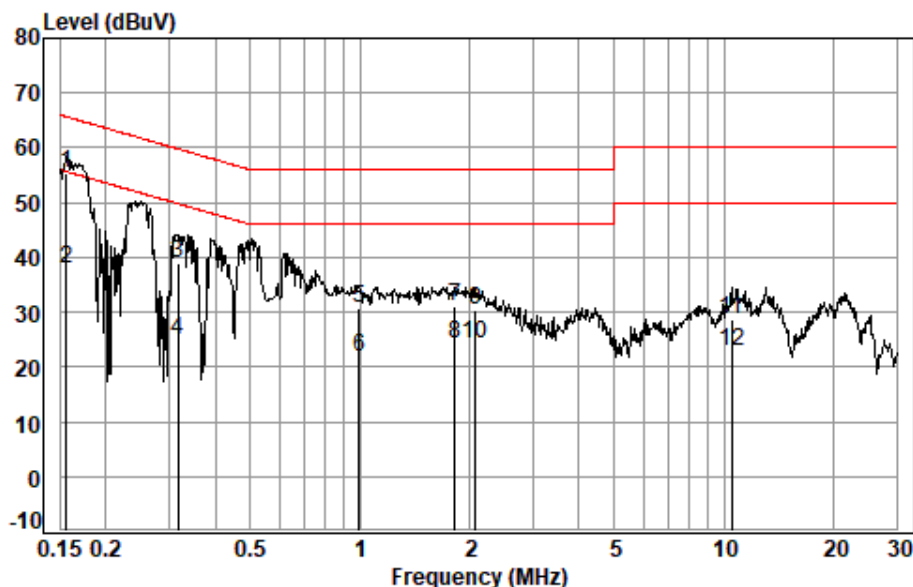
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 19 of 48

Test Mode: 22; Line: Neutral Line



Site : Shielding Room  
Condition: Neutral  
Job No. : 03954WM  
Test mode: 22

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1557	0.06	9.82	45.50	55.38	65.69	-10.31	QP
2 *	0.1557	0.06	9.82	28.15	38.03	55.69	-17.66	Average
3	0.3166	0.07	9.78	29.05	38.90	59.80	-20.90	QP
4	0.3166	0.07	9.78	15.03	24.88	49.80	-24.92	Average
5	0.9944	0.09	9.73	21.07	30.89	56.00	-25.11	QP
6	0.9944	0.09	9.73	11.86	21.68	46.00	-24.32	Average
7	1.8192	0.10	9.70	21.25	31.05	56.00	-24.95	QP
8	1.8192	0.10	9.70	14.47	24.27	46.00	-21.73	Average
9	2.0768	0.10	9.69	20.74	30.53	56.00	-25.47	QP
10	2.0768	0.10	9.69	14.26	24.05	46.00	-21.95	Average
11	10.5079	0.21	10.01	18.28	28.50	60.00	-31.50	QP
12	10.5079	0.21	10.01	12.72	22.94	50.00	-27.06	Average



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch (SZEMC) Laboratory

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

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

### 6.2 Radiated Emissions (30MHz-1GHz)

Test Requirement: 47 CFR Part 15, Subpart B

Test Method: ANSI C63.4:2014

Limit:

FREQUENCY (MHz)	dBμV/m (At 10m)	dBμV/m (At 3m)
	Class B	Class B
30MHz -88MHz	29.5	40.0
88MHz-216MHz	33.1	43.5
216MHz-960MHz	35.6	46.0
960MHz-1000MHz	43.5	54.0
Detector: Peak for pre-scan (120kHz resolution bandwidth) 30M to 1000MHz		

#### 6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C

Humidity: 44.5 % RH

Atmospheric Pressure: 1020 mbar

#### 6.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	19	Transfer data between the EUT and the PC+USB Cable
Final test	20	Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter1/earphone
Final test	21	Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter2/earphone
Final test	22	Telecom Idle+EUT+NFC+BT+WLAN5G+USB cable+Adapter(worst)/earphone
Pre-scan	23	Telecom Idle+EUT+NFC+camera(Front)+USB cable+Adapter(worst)/earphone
Pre-scan	24	Telecom Idle+EUT+NFC+camera(Back)+USB cable+Adapter(worst)/earphone
Final test	25	Telecom Idle+EUT+NFC+BT+WLAN2.4G+GNSS+OTG output
Pre-scan	26	GSM 850(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	27	WCDMA Band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	28	LTE band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	34	NR_SA_N5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone

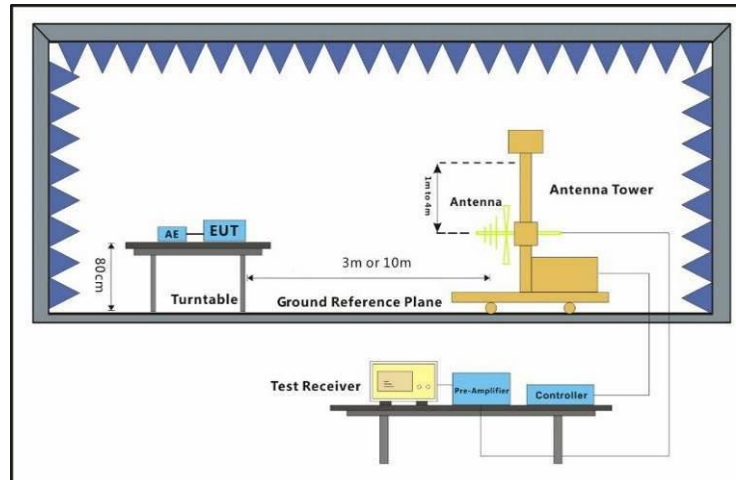


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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



### 6.2.3 Test Setup Diagram



### 6.2.4 Measurement Procedure and Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities.

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



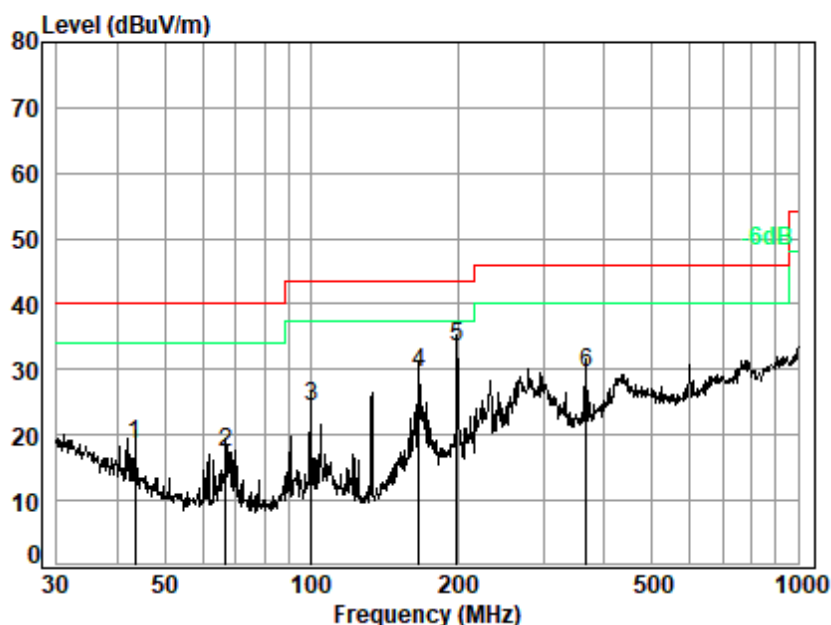
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 22 of 48

Test Mode: 19; Polarity: Horizontal



Site : chamber  
Condition: 3m HORIZONTAL  
Job No. : 03954WM  
Test Mode: 19

	Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	43.506	14.74	0.81	27.75	30.82	18.62	40.00	-21.38 QP
2	66.733	10.84	1.00	27.69	33.29	17.44	40.00	-22.56 QP
3	99.878	12.29	1.22	27.59	38.53	24.45	43.50	-19.05 QP
4	166.068	13.16	1.62	27.31	41.95	29.42	43.50	-14.08 QP
5 q	199.286	14.08	1.76	27.17	44.64	33.31	43.50	-10.19 QP
6	366.823	20.35	2.47	27.02	33.78	29.58	46.00	-16.42 QP



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

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

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

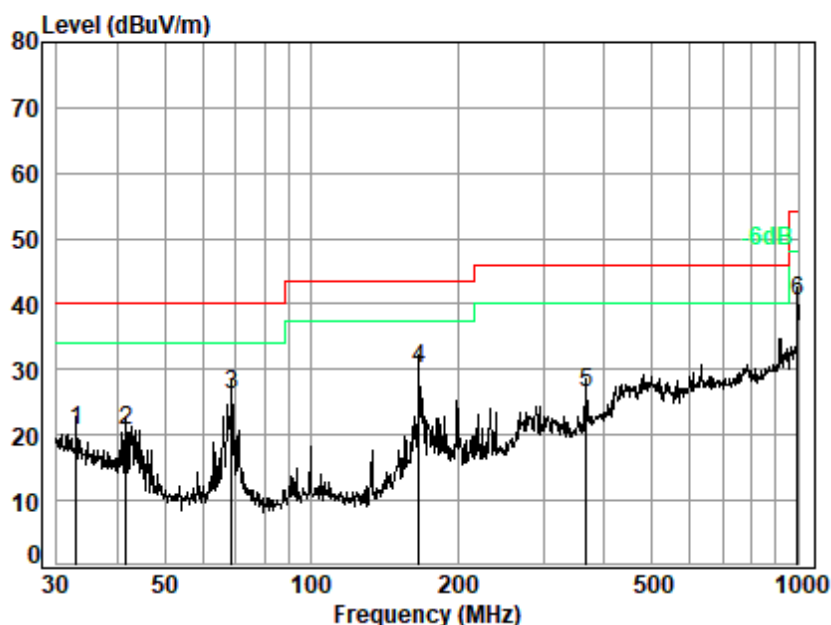
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 23 of 48

Test Mode: 19; Polarity: Vertical



Site : chamber  
Condition: 3m VERTICAL  
Job No. : 03954WM  
Test Mode: 19

	Ant	Cable	Preamp	Read		Limit	Over	
Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	32.979	19.89	0.71	27.78	27.86	20.68	40.00	-19.32 QP
2	41.713	15.55	0.80	27.76	32.05	20.64	40.00	-19.36 QP
3	68.631	10.68	1.01	27.68	42.14	26.15	40.00	-13.85 QP
4 q	166.651	13.15	1.62	27.31	42.72	30.18	43.50	-13.32 QP
5	366.823	20.35	2.47	27.02	30.77	26.57	46.00	-19.43 QP
6	996.500	28.18	4.37	26.08	34.09	40.56	54.00	-13.44 QP



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

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

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

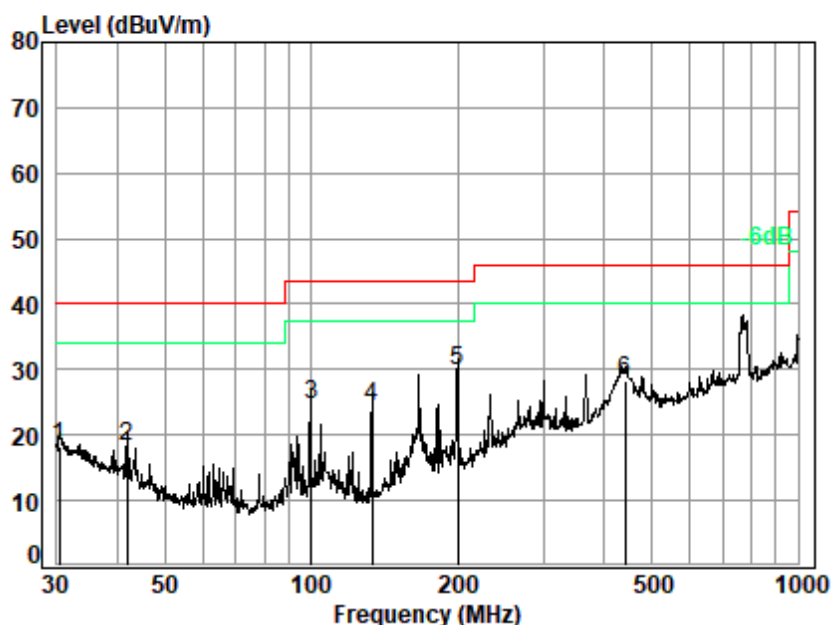
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 24 of 48

Test Mode: 20; Polarity: Horizontal



Site : chamber  
Condition: 3m HORIZONTAL  
Job No. : 03954WM  
Test Mode: 20

	Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	30.424	21.00	0.68	27.79	24.51	18.40	40.00	-21.60 QP
2	41.860	15.48	0.80	27.76	29.78	18.30	40.00	-21.70 QP
3	99.878	12.29	1.22	27.59	38.77	24.69	43.50	-18.81 QP
4	133.151	11.21	1.44	27.45	39.12	24.32	43.50	-19.18 QP
5 q	199.986	14.10	1.76	27.17	41.02	29.71	43.50	-13.79 QP
6	441.743	21.09	2.73	27.33	31.84	28.33	46.00	-17.67 QP



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

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

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



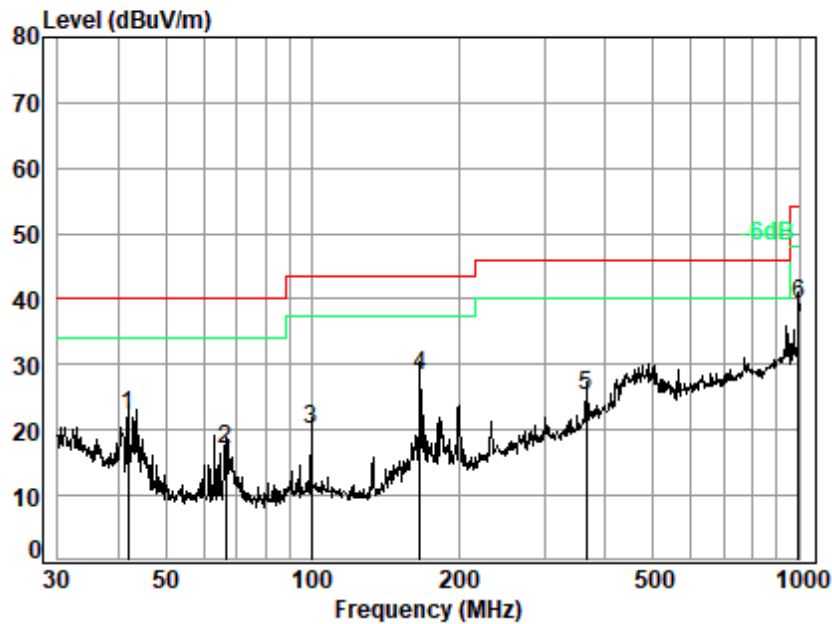
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 25 of 48

Test Mode: 20; Polarity: Vertical



Site : chamber  
Condition: 3m VERTICAL  
Job No. : 03954WM  
Test Mode: 20

	Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	41.860	15.48	0.80	27.76	33.54	22.06	40.00	-17.94 QP
2	66.499	10.87	1.00	27.69	32.83	17.01	40.00	-22.99 QP
3	99.528	12.28	1.22	27.59	34.02	19.93	43.50	-23.57 QP
4	166.651	13.15	1.62	27.31	40.92	28.38	43.50	-15.12 QP
5	365.539	20.31	2.46	27.02	29.62	25.37	46.00	-20.63 QP
6 q	996.500	28.18	4.37	26.08	32.72	39.19	54.00	-14.81 QP



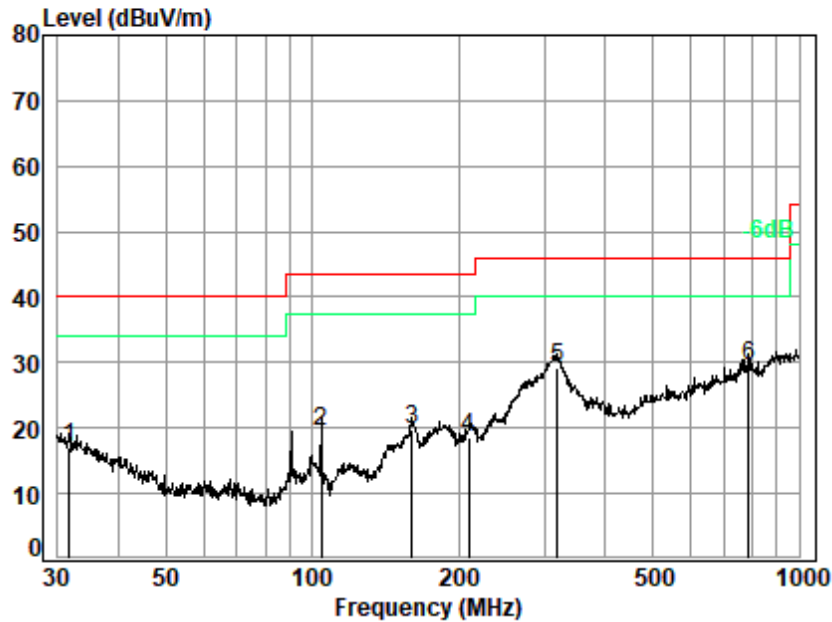
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

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

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 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

Test Mode: 21; Polarity: Horizontal



Site : chamber  
Condition: 3m HORIZONTAL  
Job No. : 03954WM  
Test Mode: 21

	Ant	Cable	Preamp	Read		Limit	Over	
Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	31.731	20.39	0.69	27.79	23.78	17.07	40.00	-22.93 QP
2	104.170	12.22	1.25	27.57	33.58	19.48	43.50	-24.02 QP
3	160.346	13.56	1.59	27.34	31.84	19.65	43.50	-23.85 QP
4	210.048	14.78	1.81	27.13	29.25	18.71	43.50	-24.79 QP
5	318.817	18.48	2.28	26.83	35.33	29.26	46.00	-16.74 QP
6 q	787.851	27.15	3.82	27.51	25.97	29.43	46.00	-16.57 QP



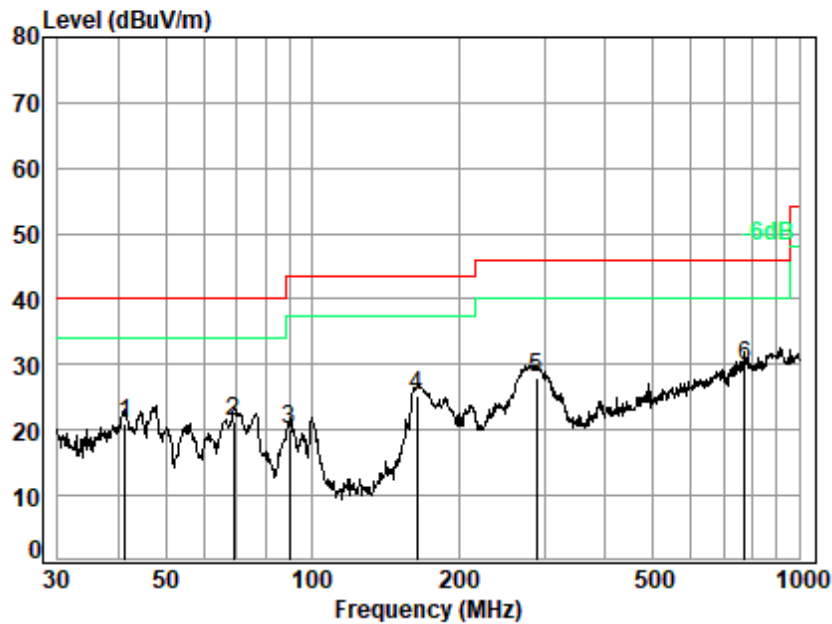
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 27 of 48

Test Mode: 21; Polarity: Vertical



Site : chamber  
Condition: 3m VERTICAL  
Job No. : 03954WM  
Test Mode: 21

	Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	41.277	15.76	0.79	27.76	32.23	21.02	40.00	-18.98 QP
2	68.872	10.67	1.01	27.68	37.31	21.31	40.00	-18.69 QP
3	89.905	11.72	1.16	27.62	34.76	20.02	43.50	-23.48 QP
4	164.330	13.24	1.61	27.32	37.60	25.13	43.50	-18.37 QP
5	289.002	17.01	2.16	26.80	35.59	27.96	46.00	-18.04 QP
6 q	771.449	26.76	3.77	27.55	26.89	29.87	46.00	-16.13 QP



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

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

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

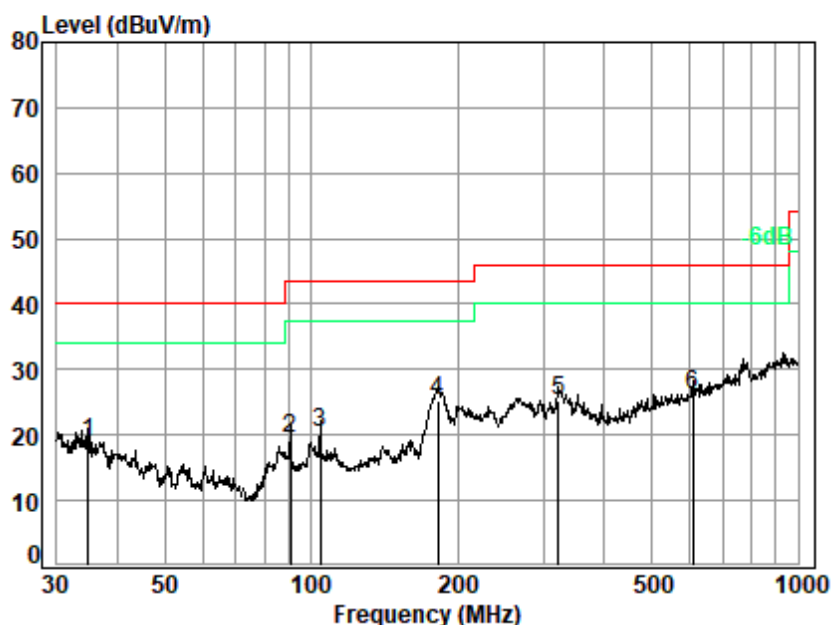
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 28 of 48

Test Mode: 22; Polarity: Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No. : 03954WM

Test Mode: 22

	Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	34.882	18.94	0.73	27.78	26.96	18.85	40.00	-21.15 QP
2	90.537	11.77	1.16	27.62	34.20	19.51	43.50	-23.99 QP
3	104.170	12.22	1.25	27.57	34.45	20.35	43.50	-23.15 QP
4 q	181.920	14.15	1.69	27.25	36.73	25.32	43.50	-18.18 QP
5	322.189	18.55	2.29	26.84	31.32	25.32	46.00	-20.68 QP
6	607.787	24.61	3.27	27.95	26.29	26.22	46.00	-19.78 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 findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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 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



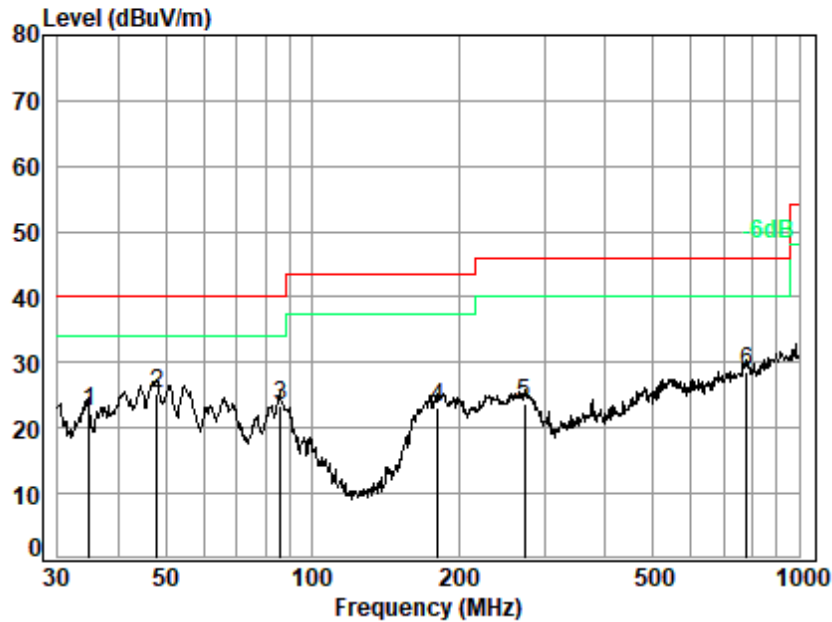
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 29 of 48

Test Mode: 22; Polarity: Vertical



Site : chamber  
Condition: 3m VERTICAL  
Job No. : 03954WM  
Test Mode: 22

	Ant	Cable	Preamp	Read		Limit	Over	
Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	34.760	19.01	0.73	27.78	30.62	22.58	40.00	-17.42 QP
2 q	47.994	13.30	0.85	27.74	38.93	25.34	40.00	-14.66 QP
3	85.898	11.15	1.13	27.63	38.79	23.44	40.00	-16.56 QP
4	181.283	14.13	1.68	27.25	34.59	23.15	43.50	-20.35 QP
5	273.234	17.08	2.10	26.86	31.43	23.75	46.00	-22.25 QP
6	779.607	27.03	3.80	27.53	25.23	28.53	46.00	-17.47 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 findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Laboratory

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

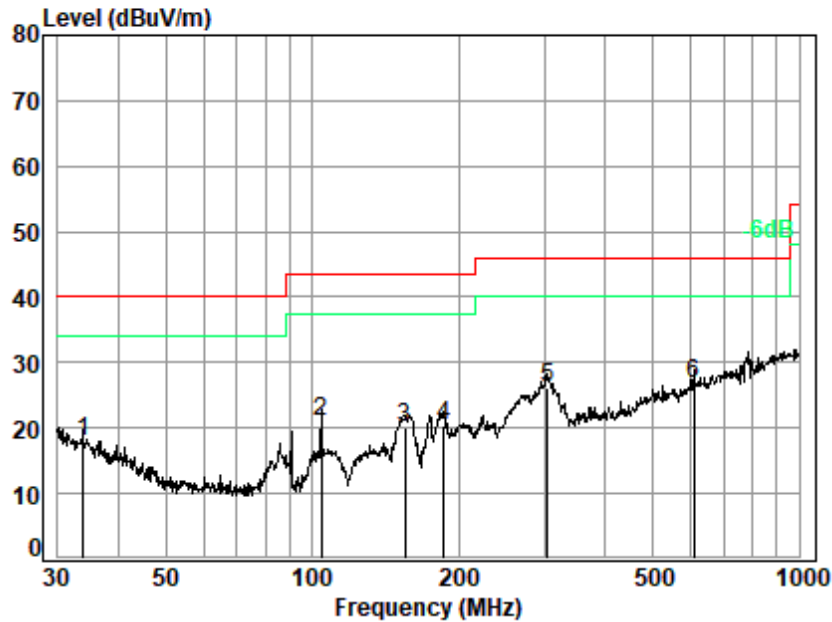
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 30 of 48

Test Mode: 25; Polarity: Horizontal



Site : chamber  
Condition: 3m HORIZONTAL  
Job No. : 03954WM  
Test Mode: 25

	Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	33.799	19.52	0.72	27.78	25.44	17.90	40.00	-22.10 QP
2	104.170	12.22	1.25	27.57	34.99	20.89	43.50	-22.61 QP
3	155.364	13.55	1.56	27.36	32.29	20.04	43.50	-23.46 QP
4	186.441	14.30	1.71	27.23	31.70	20.48	43.50	-23.02 QP
5	303.544	18.30	2.22	26.76	32.46	26.22	46.00	-19.78 QP
6 q	607.787	24.61	3.27	27.95	26.88	26.81	46.00	-19.19 QP



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

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

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

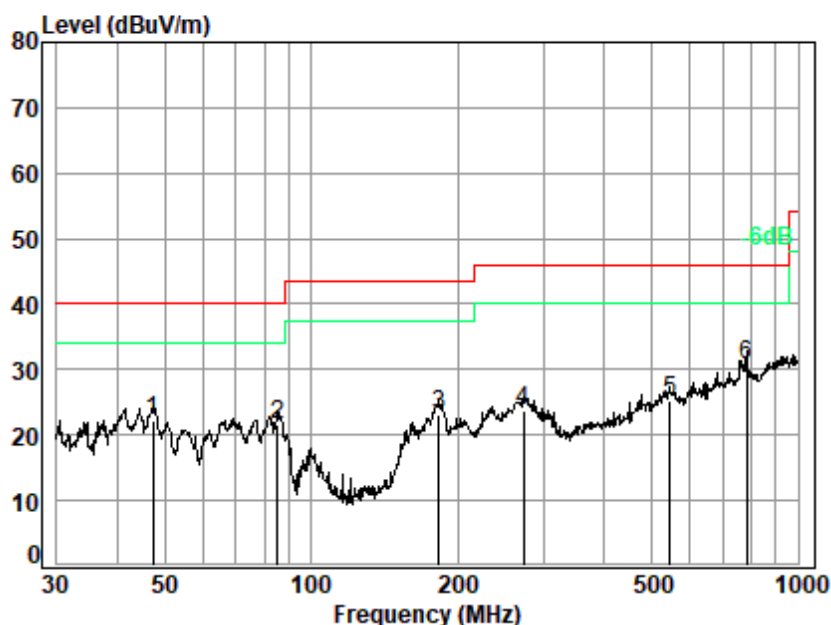
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 31 of 48

Test Mode: 25; Polarity: Vertical



Site : chamber  
Condition: 3m VERTICAL  
Job No. : 03954WM  
Test Mode: 25

	Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	47.326	13.53	0.84	27.74	35.58	22.21	40.00	-17.79 QP
2	85.298	11.07	1.13	27.63	37.02	21.59	40.00	-18.41 QP
3	183.201	14.20	1.69	27.24	34.45	23.10	43.50	-20.40 QP
4	273.234	17.08	2.10	26.86	31.49	23.81	46.00	-22.19 QP
5	545.183	23.81	3.07	27.75	26.23	25.36	46.00	-20.64 QP
6 q	785.093	27.13	3.81	27.52	27.40	30.82	46.00	-15.18 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 findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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 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

## 6.3 Radiated Emissions (Above 1GHz)

Test Requirement: 47 CFR Part 15, Subpart B

Test Method: ANSI C63.4:2014

Measurement Distance: 3m

Limit:

Above 1GHz 74(dBμV/m) peak, 54(dBμV/m) average at 3m distance  
83.54(dBμV/m) peak, 63.54(dBμV/m) average at 1m distance

Detector: Peak for pre-scan (1MHz resolution bandwidth) 1GHz to 40GHz

### 6.3.1 E.U.T. Operation

Operating Environment:

Temperature: 22.8 °C Humidity: 47.0 % RH Atmospheric Pressure: 1020 mbar

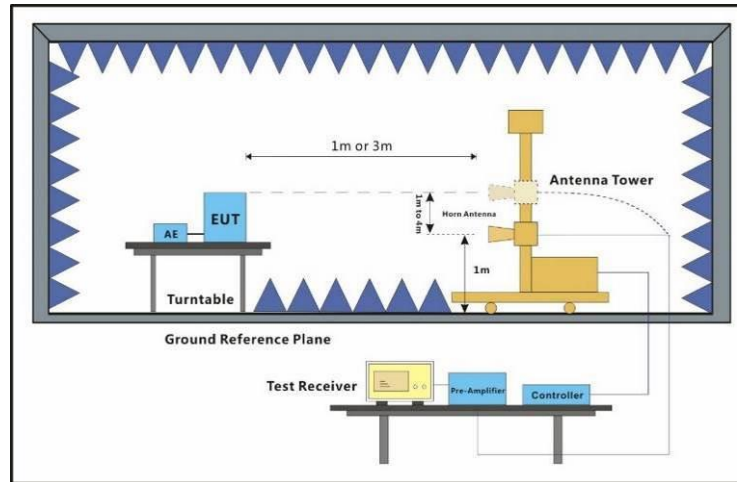
### 6.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	19	Transfer data between the EUT and the PC+USB Cable
Final test	20	Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter1/earphone
Final test	21	Telecom Idle+EUT+NFC+playing MP4+USB cable+Adapter2/earphone
Final test	22	Telecom Idle+EUT+NFC+BT+WLAN5G+USB cable+Adapter(worst)/earphone
Final test	23	Telecom Idle+EUT+NFC+camera(Front)+USB cable+Adapter(worst)/earphone
Final test	24	Telecom Idle+EUT+NFC+camera(Back)+USB cable+Adapter(worst)/earphone
Final test	25	Telecom Idle+EUT+NFC+BT+WLAN2.4G+GNSS+OTG output
Pre-scan	26	GSM 850(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	27	WCDMA Band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	28	LTE band 5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone
Pre-scan	34	NR_SA_N5(RX)+EUT+NFC+BT+WLAN2.4G+USB cable+Adapter(worst)/earphone





### 6.3.3 Test Setup Diagram



### 6.3.4 Measurement Procedure and Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Average measurements were conducted based on the peak sweep graph. The EUT was measured by Horn antenna with 2 orthogonal polarities.

The red line show in graphic is the limit in standard used in this section.

Remark:  $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{Antenna Factor} - \text{Preamp Factor}$

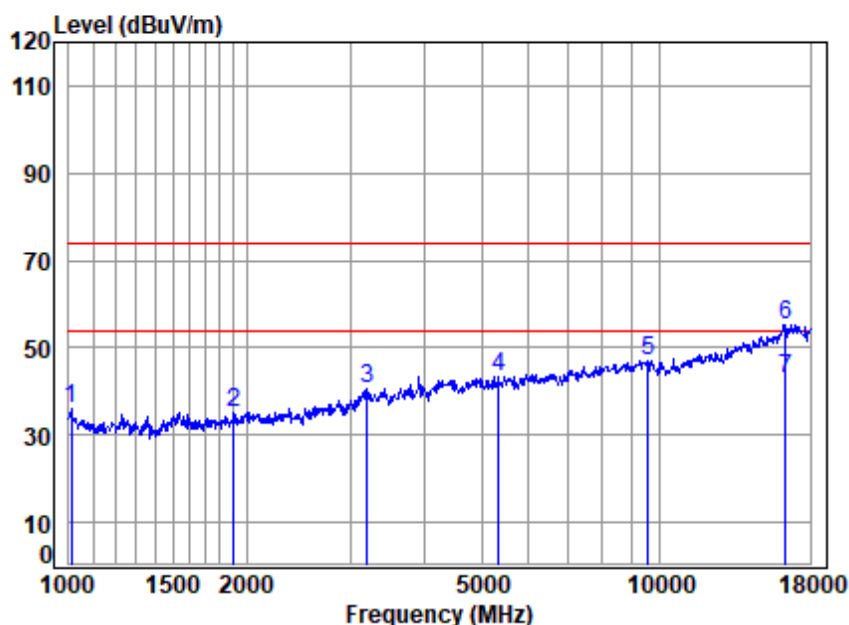
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 34 of 48

Test Mode: 19; Polarity: Horizontal



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03954WM  
Mode : 19

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1011.629	5.92	25.93	61.31	65.33	35.87	74.00	-38.13	Peak
2	1905.135	5.03	27.45	61.60	64.17	35.05	74.00	-38.95	Peak
3	3196.094	6.09	32.87	61.61	63.26	40.61	74.00	-33.39	Peak
4	5346.358	8.10	34.39	60.83	61.85	43.51	74.00	-30.49	Peak
5	9558.018	10.62	37.48	61.22	60.23	47.11	74.00	-26.89	Peak
6	p16362.460	14.13	42.00	60.97	60.19	55.35	74.00	-18.65	Peak
7	q16362.460	14.13	42.00	60.97	47.69	42.85	54.00	-11.15	Average



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

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

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

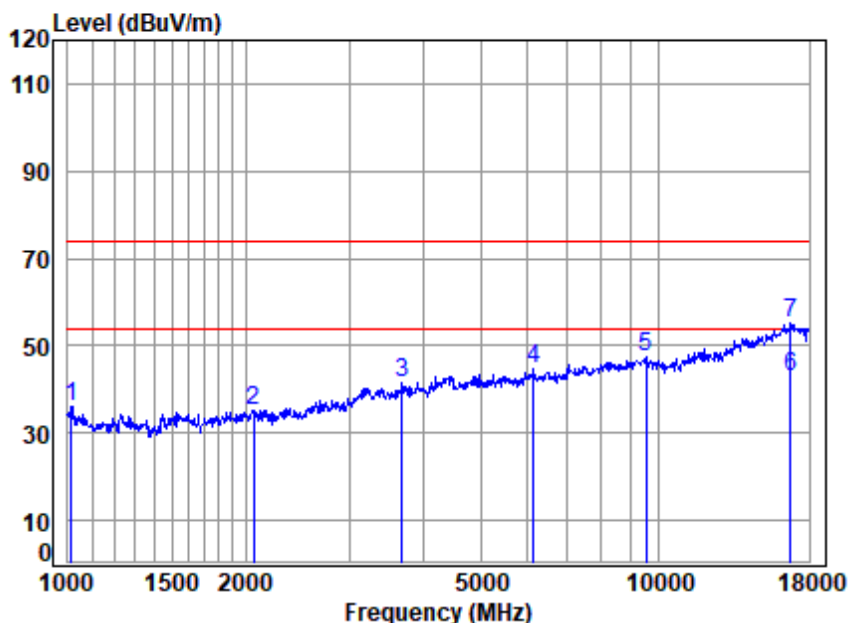
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 35 of 48

Test Mode: 19; Polarity: Vertical



Site : chamber  
Condition: 3m VERTICAL  
Job No : 03954WM  
Mode : 19

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1014.557	5.91	25.83	61.31	65.51	35.94	74.00	-38.06	Peak
2	2065.729	5.12	28.94	61.62	62.72	35.16	74.00	-38.84	Peak
3	3682.374	6.47	32.89	61.47	63.41	41.30	74.00	-32.70	Peak
4	6142.019	8.79	34.93	60.58	61.53	44.67	74.00	-29.33	Peak
5	9530.432	10.63	37.50	61.20	60.53	47.46	74.00	-26.54	Peak
6	q16745.210	14.19	42.79	60.75	46.52	42.75	54.00	-11.25	Average
7	p16745.210	14.19	42.79	60.75	59.01	55.24	74.00	-18.76	Peak



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

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

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

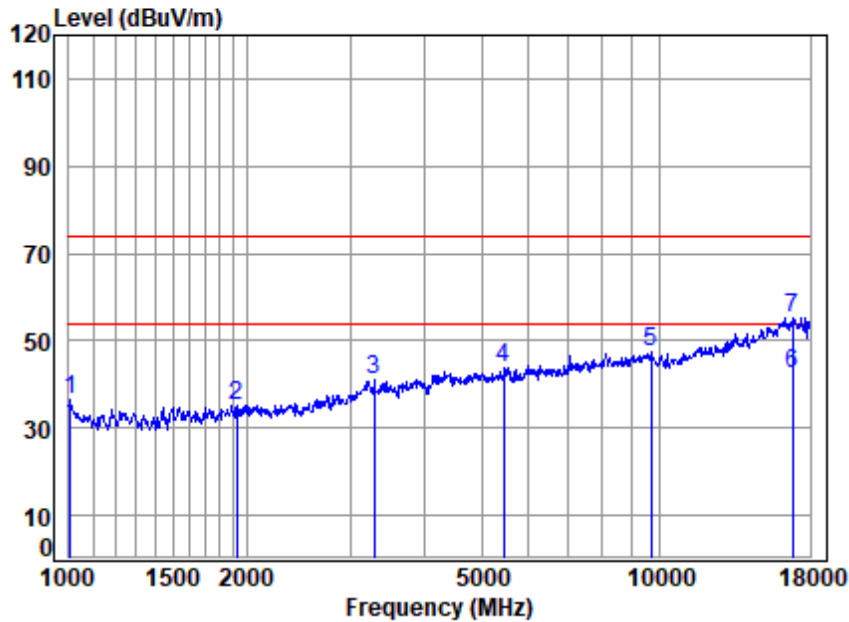
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 36 of 48

Test Mode: 20; Polarity: Horizontal



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03954WM  
Mode : 20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1005.797	5.93	26.11	61.30	65.60	36.34	74.00	-37.66	Peak
2	1921.727	5.04	27.62	61.60	64.26	35.32	74.00	-38.68	Peak
3	3289.821	6.15	31.38	61.58	64.92	40.87	74.00	-33.13	Peak
4	5455.631	8.24	34.68	60.79	61.60	43.73	74.00	-30.27	Peak
5	9669.164	10.58	37.50	61.28	60.68	47.48	74.00	-26.52	Peak
6	q16793.680	14.20	42.89	60.73	46.13	42.49	54.00	-11.51	Average
7	p16793.680	14.20	42.89	60.73	58.91	55.27	74.00	-18.73	Peak



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

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

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



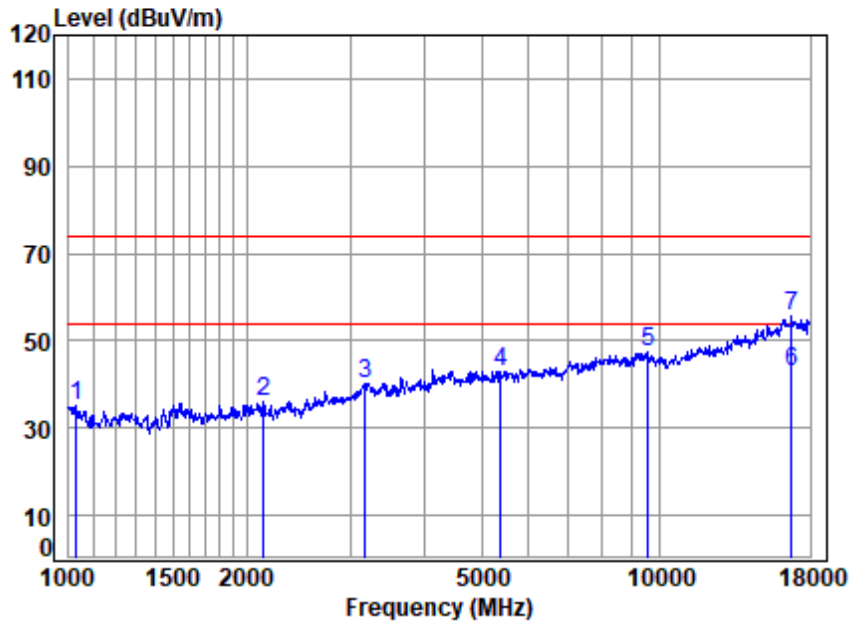
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 37 of 48

Test Mode: 20; Polarity: Vertical



Site : chamber  
Condition: 3m VERTICAL  
Job No : 03954WM  
Mode : 20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1029.325	5.87	25.36	61.31	64.99	34.91	74.00	-39.09	Peak
2	2138.635	5.18	28.34	61.63	64.31	36.20	74.00	-37.80	Peak
3	3177.672	6.07	32.72	61.62	63.17	40.34	74.00	-33.66	Peak
4	5377.354	8.14	34.51	60.82	61.24	43.07	74.00	-30.93	Peak
5	9558.018	10.62	37.48	61.22	60.46	47.34	74.00	-26.66	Peak
6	q16745.210	14.19	42.79	60.75	46.47	42.70	54.00	-11.30	Average
7	p16745.210	14.19	42.79	60.75	59.46	55.69	74.00	-18.31	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 findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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 t (86-755) 26012053 f (86-755) 26710594 www.sgs.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

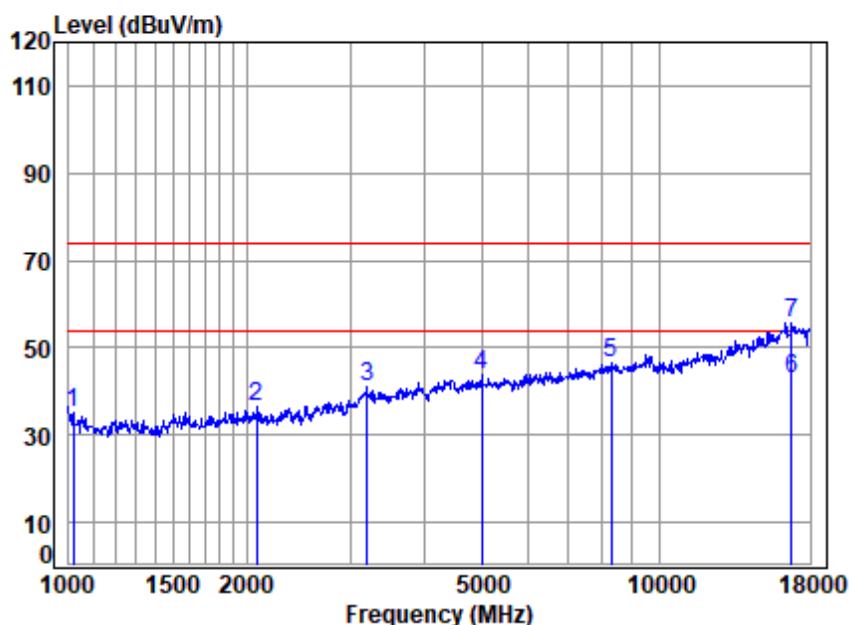
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 38 of 48

Test Mode: 21; Polarity: Horizontal



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03954WM  
Mode : 21

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1017.493	5.90	25.74	61.31	64.71	35.04	74.00	-38.96	Peak
2	2083.719	5.13	28.87	61.63	64.19	36.56	74.00	-37.44	Peak
3	3196.094	6.09	32.87	61.61	63.63	40.98	74.00	-33.02	Peak
4	5002.497	7.64	34.39	60.96	62.61	43.68	74.00	-30.32	Peak
5	8295.823	9.40	36.70	60.46	60.80	46.44	74.00	-27.56	Peak
6	q16745.210	14.19	42.79	60.75	46.51	42.74	54.00	-11.26	Average
7	p16745.210	14.19	42.79	60.75	59.43	55.66	74.00	-18.34	Peak



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

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

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

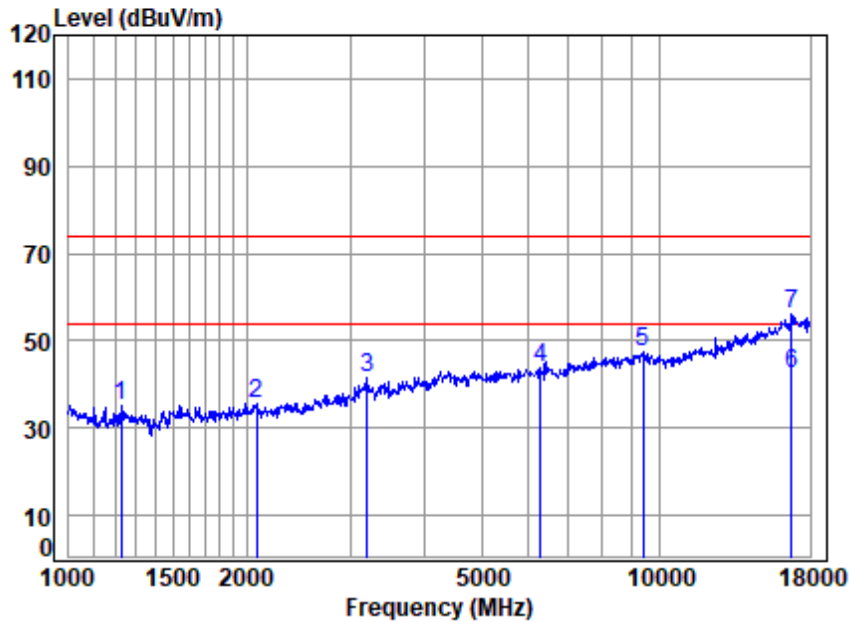
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 39 of 48

Test Mode: 21; Polarity: Vertical



Site : chamber  
Condition: 3m VERTICAL  
Job No : 03954WM  
Mode : 21

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	5.41	24.79	61.39	66.28	35.09	74.00	-38.91	Peak
2	2077.705	5.13	28.89	61.63	63.24	35.63	74.00	-38.37	Peak
3	3196.094	6.09	32.87	61.61	63.96	41.31	74.00	-32.69	Peak
4	6303.890	8.81	34.99	60.55	60.34	43.59	74.00	-30.41	Peak
5	9393.689	10.63	37.31	61.13	60.56	47.37	74.00	-26.63	Peak
6	q16745.210	14.19	42.79	60.75	46.37	42.60	54.00	-11.40	Average
7	p16745.210	14.19	42.79	60.75	59.68	55.91	74.00	-18.09	Peak



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

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

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

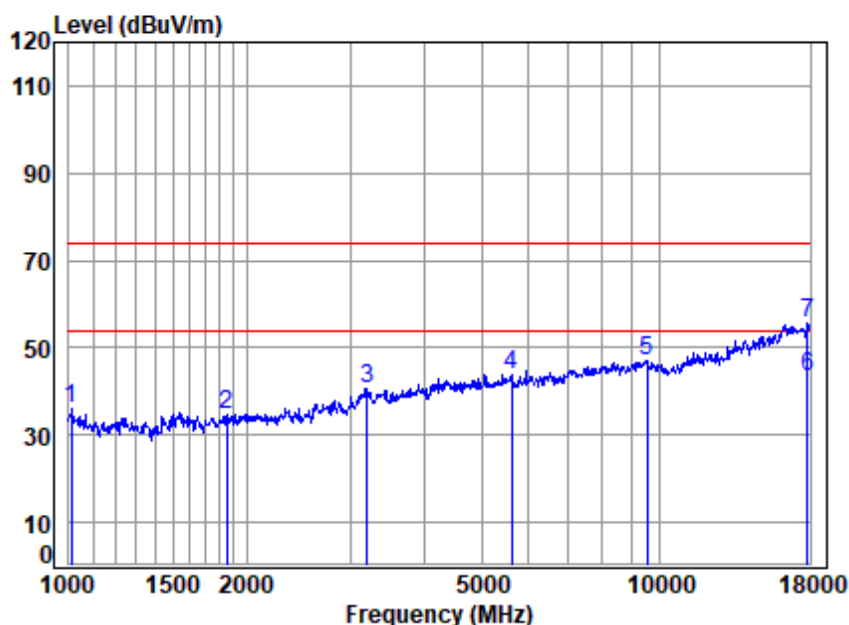
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 40 of 48

Test Mode: 22; Polarity: Horizontal



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03954WM  
Mode : 22

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1011.629	5.92	25.93	61.31	65.73	36.27	74.00	-37.73	Peak
2	1850.858	5.01	27.01	61.58	64.46	34.90	74.00	-39.10	Peak
3	3205.345	6.09	32.81	61.61	63.20	40.49	74.00	-33.51	Peak
4	5615.620	8.41	34.61	60.74	61.71	43.99	74.00	-30.01	Peak
5	9530.432	10.63	37.50	61.20	60.10	47.03	74.00	-26.97	Peak
6	q17793.090	14.74	43.89	60.19	45.09	43.53	54.00	-10.47	Average
7	p17793.090	14.74	43.89	60.19	57.27	55.71	74.00	-18.29	Peak



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

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

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



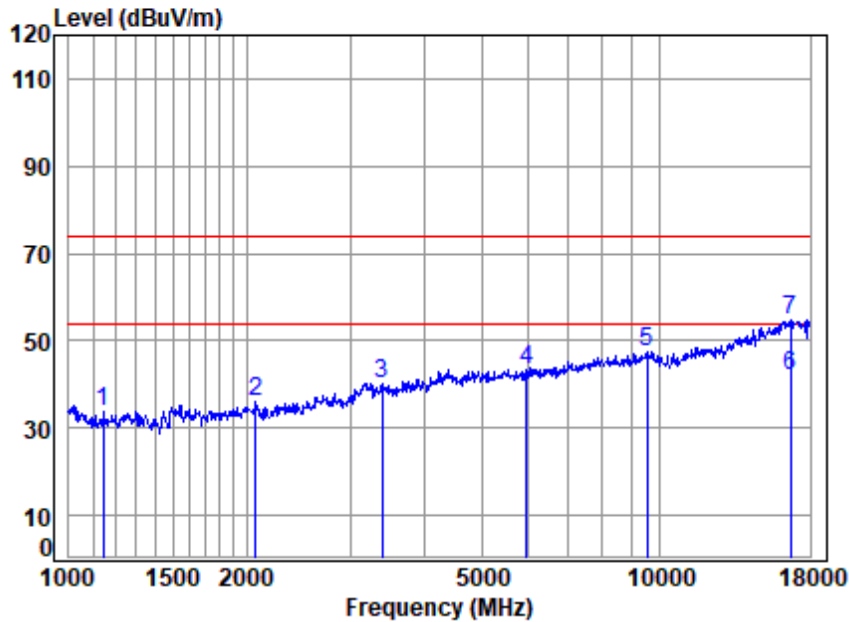
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 41 of 48

Test Mode: 22; Polarity: Vertical



Site : chamber  
Condition: 3m VERTICAL  
Job No : 03954WM  
Mode : 22

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1142.201	5.60	23.87	61.36	65.84	33.95	74.00	-40.05	Peak
2	2071.708	5.12	28.91	61.63	63.74	36.14	74.00	-37.86	Peak
3	3396.098	6.22	32.38	61.55	63.32	40.37	74.00	-33.63	Peak
4	5967.033	8.74	34.77	60.62	60.66	43.55	74.00	-30.45	Peak
5	9530.432	10.63	37.50	61.20	60.46	47.39	74.00	-26.61	Peak
6	q16696.880	14.17	42.69	60.78	45.99	42.07	54.00	-11.93	Average
7	p16696.880	14.17	42.69	60.78	58.68	54.76	74.00	-19.24	Peak



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

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

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

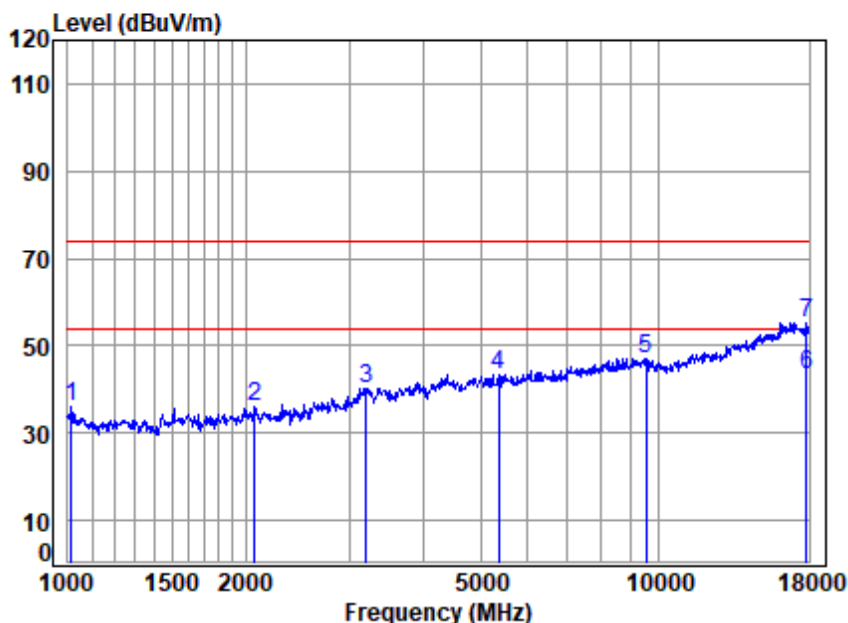
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 42 of 48

Test Mode: 23; Polarity: Horizontal



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03954WM  
Mode : 23

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1014.557	5.91	25.83	61.31	65.45	35.88	74.00	-38.12	Peak
2	2071.708	5.12	28.91	61.63	63.71	36.11	74.00	-37.89	Peak
3	3205.345	6.09	32.81	61.61	63.09	40.38	74.00	-33.62	Peak
4	5361.833	8.12	34.45	60.82	61.47	43.22	74.00	-30.78	Peak
5	9530.432	10.63	37.50	61.20	60.25	47.18	74.00	-26.82	Peak
6	q17793.090	14.74	43.89	60.19	44.89	43.33	54.00	-10.67	Average
7	p17793.090	14.74	43.89	60.19	56.97	55.41	74.00	-18.59	Peak



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

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

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

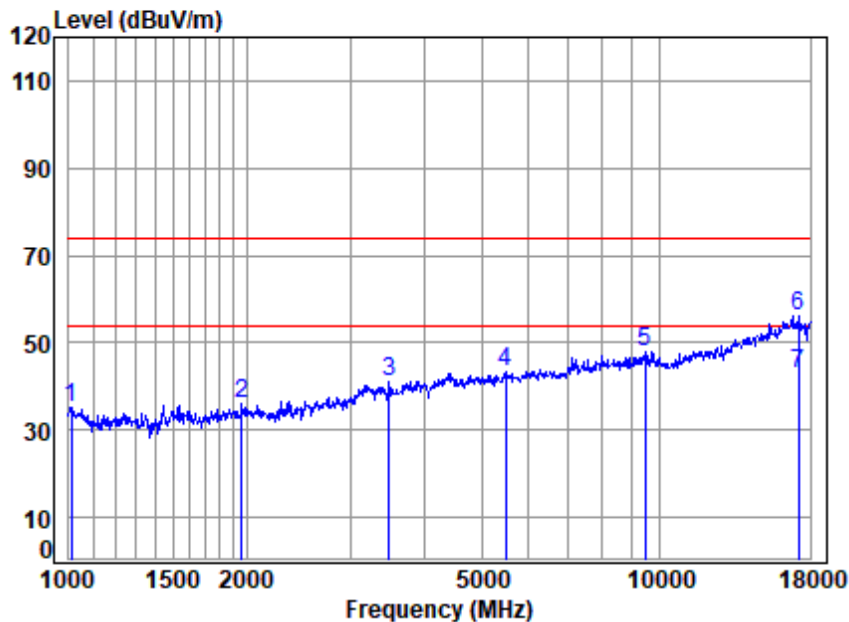
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 43 of 48

Test Mode: 23; Polarity: Vertical



Site : chamber  
Condition: 3m VERTICAL  
Job No : 03954WM  
Mode : 23

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1011.629	5.92	25.93	61.31	64.80	35.34	74.00	-38.66	Peak
2	1961.004	5.05	28.10	61.61	64.41	35.95	74.00	-38.05	Peak
3	3485.601	6.27	31.66	61.52	64.63	41.04	74.00	-32.96	Peak
4	5503.143	8.30	34.51	60.77	61.31	43.35	74.00	-30.65	Peak
5	9448.149	10.63	37.40	61.16	61.04	47.91	74.00	-26.09	Peak
6	p17186.530	14.41	43.01	60.51	59.42	56.33	74.00	-17.67	Peak
7	q17186.530	14.41	43.01	60.51	46.12	43.03	54.00	-10.97	Average



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

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

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

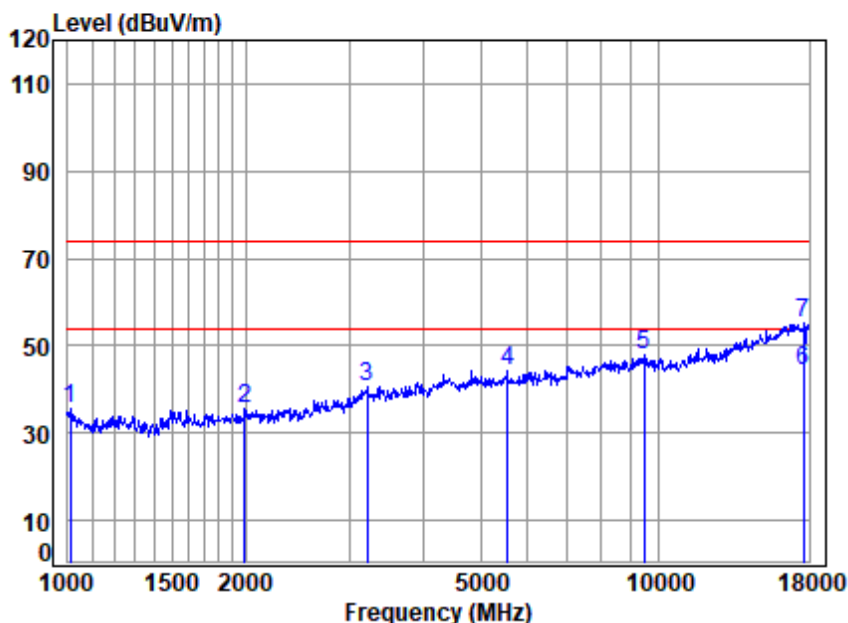
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 44 of 48

Test Mode: 24; Polarity: Horizontal



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03954WM  
Mode : 24

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1011.629	5.92	25.93	61.31	65.04	35.58	74.00	-38.42	Peak
2	1989.550	5.06	28.61	61.62	63.34	35.39	74.00	-38.61	Peak
3	3214.623	6.10	32.67	61.61	63.29	40.45	74.00	-33.55	Peak
4	5551.069	8.35	34.70	60.76	62.00	44.29	74.00	-29.71	Peak
5	9448.149	10.63	37.40	61.16	60.93	47.80	74.00	-26.20	Peak
6	q17639.470	14.69	43.68	60.27	46.00	44.10	54.00	-9.90	Average
7	p17639.470	14.69	43.68	60.27	57.23	55.33	74.00	-18.67	Peak



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

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

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



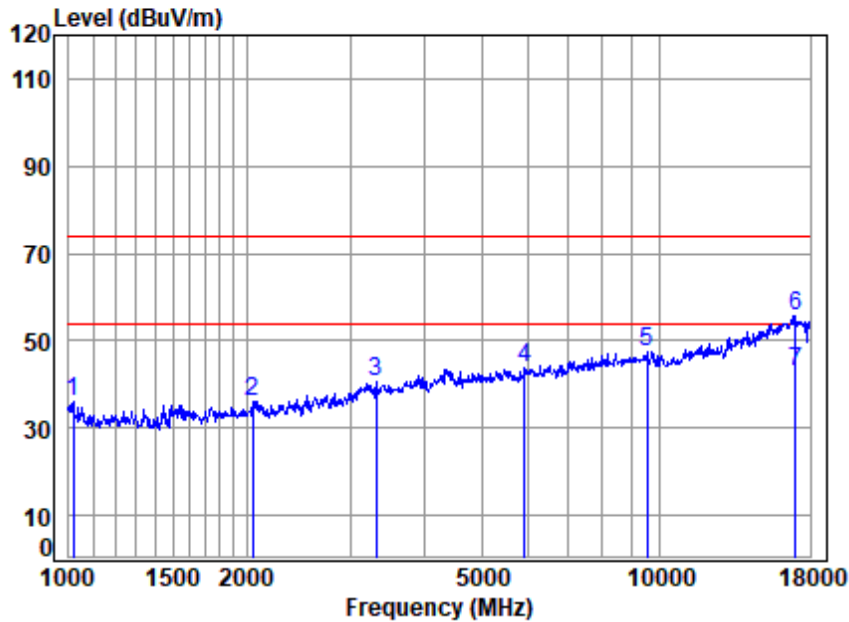
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 45 of 48

Test Mode: 24; Polarity: Vertical



Site : chamber  
Condition: 3m VERTICAL  
Job No : 03954WM  
Mode : 24

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1017.493	5.90	25.74	61.31	65.72	36.05	74.00	-37.95	Peak
2	2047.895	5.10	28.99	61.62	63.41	35.88	74.00	-38.12	Peak
3	3318.471	6.17	31.53	61.57	64.37	40.50	74.00	-33.50	Peak
4	5915.516	8.69	34.63	60.64	60.97	43.65	74.00	-30.35	Peak
5	9530.432	10.63	37.50	61.20	60.52	47.45	74.00	-26.55	Peak
6	p17038.150	14.30	43.10	60.59	58.94	55.75	74.00	-18.25	Peak
7	q17038.150	14.30	43.10	60.59	45.96	42.77	54.00	-11.23	Average



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

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

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

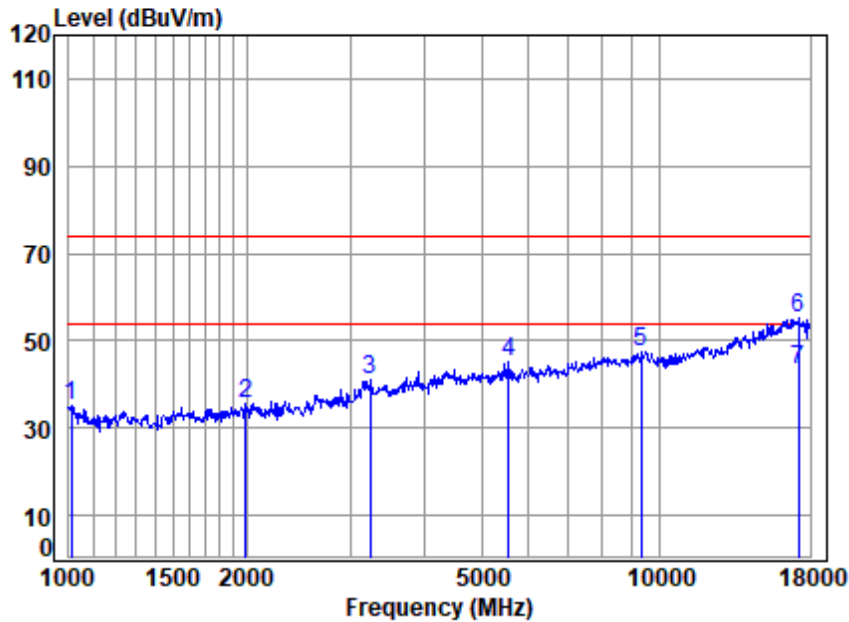
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 46 of 48

Test Mode: 25; Polarity: Horizontal



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03954WM  
Mode : 25

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1008.709	5.93	26.02	61.30	64.37	35.02	74.00	-38.98	Peak
2	1995.309	5.06	28.72	61.62	63.64	35.80	74.00	-38.20	Peak
3	3242.619	6.12	32.22	61.60	64.18	40.92	74.00	-33.08	Peak
4	5567.137	8.37	34.70	60.75	62.77	45.09	74.00	-28.91	Peak
5	9312.588	10.61	37.40	61.08	60.34	47.27	74.00	-26.73	Peak
6	p17186.530	14.41	43.01	60.51	58.34	55.25	74.00	-18.75	Peak
7	q17186.530	14.41	43.01	60.51	46.39	43.30	54.00	-10.70	Average



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

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

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

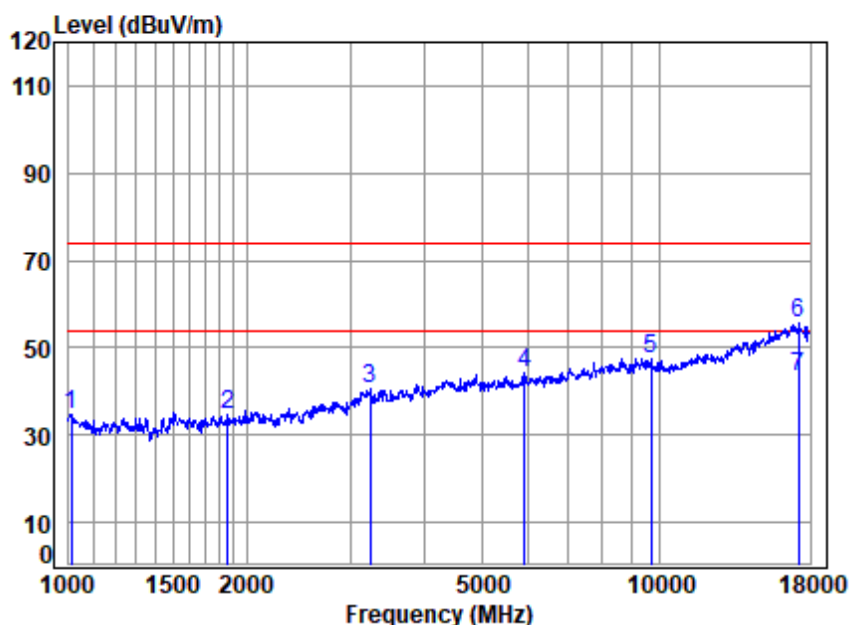
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241000395401

Page: 47 of 48

Test Mode: 25; Polarity: Vertical



Site : chamber  
Condition: 3m VERTICAL  
Job No : 03954WM  
Mode : 25

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1011.629	5.92	25.93	61.31	64.30	34.84	74.00	-39.16	Peak
2	1856.215	5.02	27.05	61.59	64.01	34.49	74.00	-39.51	Peak
3	3233.260	6.11	32.37	61.60	63.69	40.57	74.00	-33.43	Peak
4	5915.516	8.69	34.63	60.64	61.54	44.22	74.00	-29.78	Peak
5	9697.151	10.58	37.50	61.30	60.69	47.47	74.00	-26.53	Peak
6	p17186.530	14.41	43.01	60.51	58.62	55.53	74.00	-18.47	Peak
7	q17186.530	14.41	43.01	60.51	46.29	43.20	54.00	-10.80	Average



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

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

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

## 7 Test Setup Photo

Please refer to SZCR2410003954 Appendix\_Setup Photo.

## 8 EUT Constructional Details (EUT Photos)

Please refer to SZCR2410003954 Appendix\_ External Photo and Internal Photo.

- End of the Report -

