

TEST REPORT

Application No.: SZCR2501000049WM
Applicant: Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address of Applicant: NO.18 Haibin Road, Wusha, Chang'an Town, Dongguan City, Guangdong, China
Manufacturer: Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address of Manufacturer: NO.18 Haibin Road, Wusha, Chang'an Town, Dongguan City, Guangdong, China
Equipment Under Test (EUT):
EUT Name: Mobile Phone
Model No.: CPH2699, A501OP, OPG05
Trade Mark: OPPO
FCC ID: R9C-OP24264
Standard(s) : 47 CFR Part 15, Subpart B
Date of Receipt: 2025-01-03
Date of Test: 2025-01-09 to 2025-01-10
Date of Issue: 2025-01-14

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.



Keny Xu
EMC Laboratory Manager





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

SZEMC-TRF-01 Rev. A/1

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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-01-14		Original

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



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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

Remark:

This product has three model names, namely CPH2699, A501OP, OPG05. The only difference between the three is the model name.



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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
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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	Remark
Adapter 1	VCB4JAUH	Jiangsu Chenyang Electron Co., Ltd	/
Adapter 2	VCB4JAUH	Huizhou Golden Lake Industrial Co., Ltd.	/
USB cable 1	DL129	/	/
USB cable 2	DL154	/	/
Battery 1	BLPB87	Dongguan NVT Technology Co., Ltd	EUT1
Battery 2	BLPB87	Chongqing Cosmx Battery Co.,LTD	EUT2

Remark: Adapter 1 and 2 were selected to test.

4.2 Test modes

Pretest these modes to find the worst case and show the worse data in the test items:	19	Transfer data between the EUT1 and the PC+USB Cable1
	20	Transfer data between the EUT1 and the PC+USB Cable2
	21	Transfer data between the EUT2 and the PC+USB Cable(worst)
	22	Telecom Idle+EUT(worst)+NFC+playing MP4+USB cable(worst)+Adapter1/earphone
	23	Telecom Idle+EUT(worst)+NFC+playing MP4+USB cable(worst)+Adapter2/earphone
	24	Telecom Idle+EUT(worst)+NFC+BT+WLAN5G+USB cable(worst)+Adapter(worst)/earphone
	25	Telecom Idle+EUT(worst)+NFC+camera(Front)+USB cable(worst)+Adapter(worst)/earphone
	26	Telecom Idle+EUT(worst)+NFC+camera(Back)+USB cable(worst)+Adapter(worst)/earphone
	27	Telecom Idle+EUT(worst)+NFC+BT+WLAN2.4G+GNSS+OTG output
	28	GSM 850(RX)+EUT(worst)+NFC+BT+WLAN2.4G+USB cable(worst)+Adapter(worst)/earphone
	29	WCDMA Band 5(RX)+EUT(worst)+NFC+BT+WLAN2.4G+USB cable(worst)+Adapter(worst)/earphone
	30	LTE band 5(RX)+EUT(worst)+NFC+BT+WLAN2.4G+USB cable(worst)+Adapter(worst)/earphone
	31	LTE band 12(RX)+EUT(worst)+NFC+BT+WLAN2.4G+USB cable(worst)+Adapter(worst)/earphone



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32	LTE band 17(RX)+EUT(worst)+NFC+BT+WLAN2.4G+USB cable(worst)+Adapter(worst)/earphone
33	LTE band 26(RX)+EUT(worst)+NFC+BT+WLAN2.4G+USB cable(worst)+Adapter(worst)/earphone

4.3 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	/

4.4 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)	$\pm 4.6\text{dB}$

Remark:

The U_{lab} (lab Uncertainty) is less than $U_{\text{CISPR/ETSI}}$ (CISPR/ETSI Uncertainty), so the test results

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



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4.5 Test Location

All tests were performed at:

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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



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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	2025-01-08	2026-01-07
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

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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



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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: 23.5 °C

Humidity: 45.5 % RH

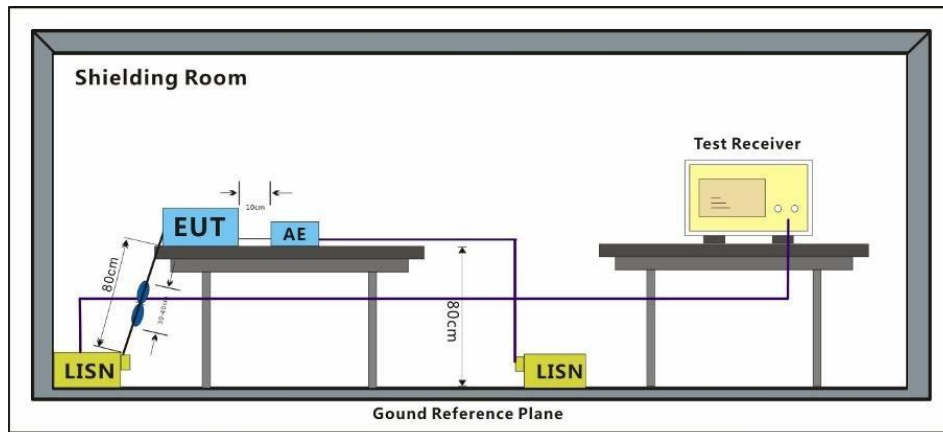
Atmospheric Pressure: 1020 mbar

6.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	22	Telecom Idle+EUT(worst)+NFC+playing MP4+USB cable(worst)+Adapter1/earphone
Pre-scan	23	Telecom Idle+EUT(worst)+NFC+playing MP4+USB cable(worst)+Adapter2/earphone
Pre-scan	24	Telecom Idle+EUT(worst)+NFC+BT+WLAN5G+USB cable(worst)+Adapter(worst)/earphone
Pre-scan	25	Telecom Idle+EUT(worst)+NFC+camera(Front)+USB cable(worst)+Adapter(worst)/earphone
Pre-scan	26	Telecom Idle+EUT(worst)+NFC+camera(Back)+USB cable(worst)+Adapter(worst)/earphone
Pre-scan	27	Telecom Idle+EUT(worst)+NFC+BT+WLAN2.4G+GNSS+OTG output
Pre-scan	28	GSM 850(RX)+EUT(worst)+NFC+BT+WLAN2.4G+USB cable(worst)+Adapter(worst)/earphone
Pre-scan	29	WCDMA Band 5(RX)+EUT(worst)+NFC+BT+WLAN2.4G+USB cable(worst)+Adapter(worst)/earphone
Pre-scan	30	LTE band 5(RX)+EUT(worst)+NFC+BT+WLAN2.4G+USB cable(worst)+Adapter(worst)/earphone



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



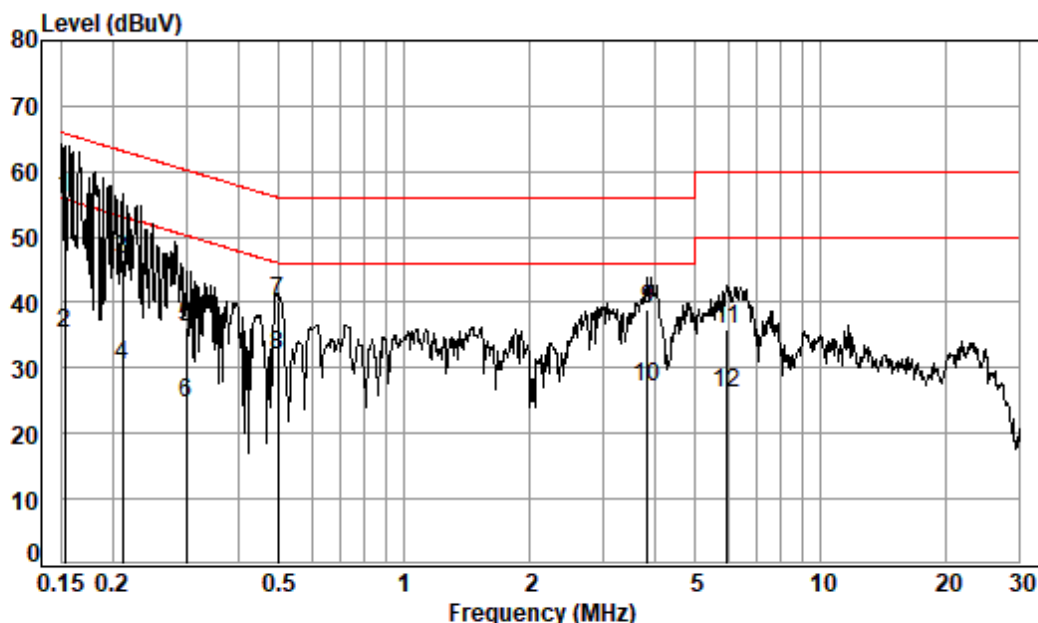
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Test Mode: 22; Line: Live line



Site : Shielding Room

Condition: Line

Job No. : 00049WM

Test mode: 22

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1532	0.06	10.19	45.70	55.95	65.82	-9.87	QP
2	0.1532	0.06	10.19	24.89	35.14	55.82	-20.68	Average
3	0.2117	0.06	10.08	36.36	46.50	63.14	-16.64	QP
4	0.2117	0.06	10.08	20.17	30.31	53.14	-22.83	Average
5	0.3003	0.07	9.85	26.17	36.09	60.24	-24.15	QP
6	0.3003	0.07	9.85	14.81	24.73	50.24	-25.51	Average
7	0.4994	0.08	9.54	30.41	40.03	56.01	-15.98	QP
8 *	0.4994	0.08	9.54	22.31	31.93	46.01	-14.08	Average
9	3.8399	0.12	9.65	29.22	38.99	56.00	-17.01	QP
10	3.8399	0.12	9.65	17.31	27.08	46.00	-18.92	Average
11	5.9608	0.14	9.67	26.11	35.92	60.00	-24.08	QP
12	5.9608	0.14	9.67	16.38	26.19	50.00	-23.81	Average



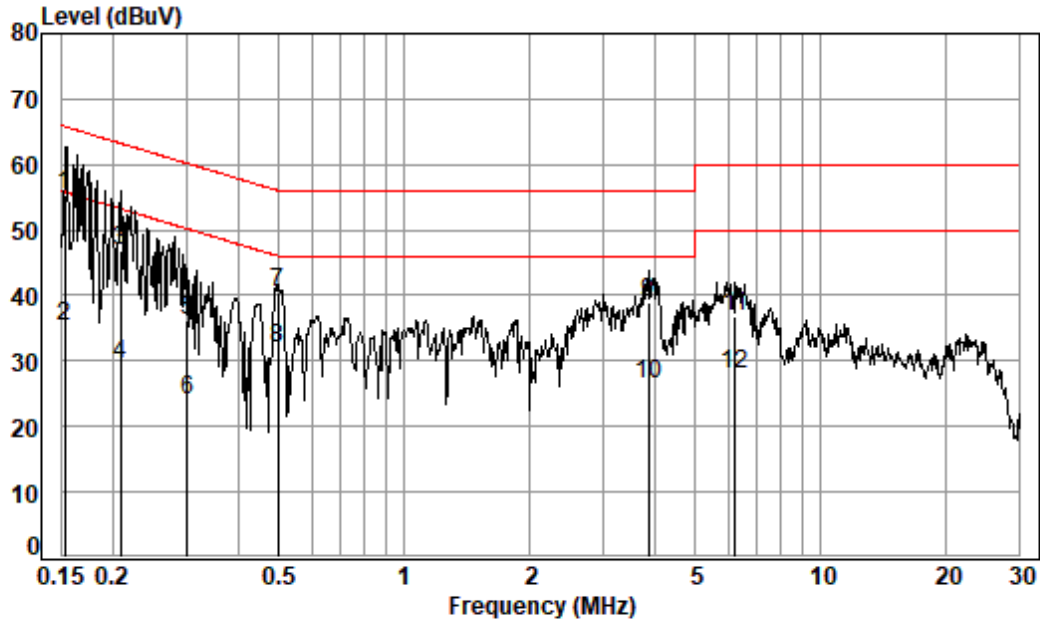
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Test Mode: 22; Line: Neutral Line



Site : Shielding Room
Condition: Neutral
Job No. : 00049WM
Test mode: 22

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1 *	0.1532	0.06	10.15	45.30	55.51	65.82	-10.31	QP
2	0.1532	0.06	10.15	25.14	35.35	55.82	-20.47	Average
3	0.2094	0.06	10.04	36.89	46.99	63.23	-16.24	QP
4	0.2094	0.06	10.04	19.48	29.58	53.23	-23.65	Average
5	0.3019	0.07	9.77	26.27	36.11	60.19	-24.08	QP
6	0.3019	0.07	9.77	14.08	23.92	50.19	-26.27	Average
7	0.4994	0.08	9.71	30.66	40.45	56.01	-15.56	QP
8 *	0.4994	0.08	9.71	22.21	32.00	46.01	-14.01	Average
9	3.8603	0.12	9.55	29.21	38.88	56.00	-17.12	QP
10	3.8603	0.12	9.55	16.94	26.61	46.00	-19.39	Average
11	6.2189	0.15	9.62	27.09	36.86	60.00	-23.14	QP
12	6.2189	0.15	9.62	18.36	28.13	50.00	-21.87	Average



6.2 Radiated Emissions (30MHz-1GHz)

Test Requirement: 47 CFR Part 15, Subpart B

Test Method: ANSI C63.4:2014

Measurement Distance: 3m

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: 20.2 °C

Humidity: 45.2 % RH

Atmospheric Pressure: 1020 mbar

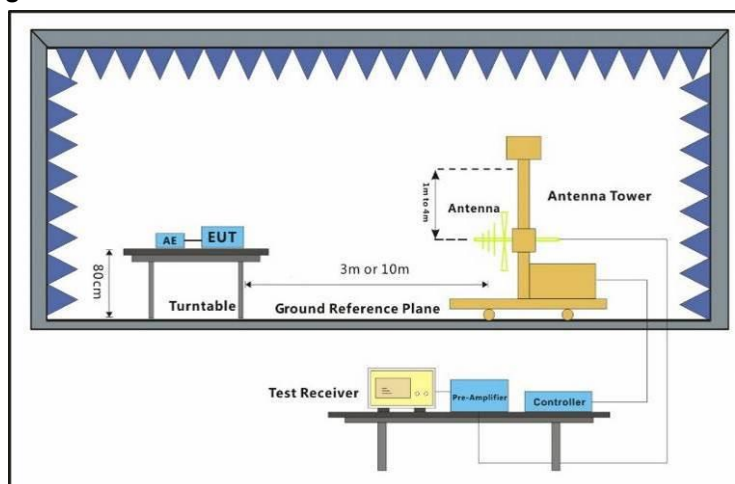
6.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	19	Transfer data between the EUT1 and the PC+USB Cable1
Final test	20	Transfer data between the EUT1 and the PC+USB Cable2
Pre-scan	21	Transfer data between the EUT2 and the PC+USB Cable(worst)
Final test	22	Telecom Idle+EUT(worst)+NFC+playing MP4+USB cable(worst)+Adapter1/earphone
Pre-scan	23	Telecom Idle+EUT(worst)+NFC+playing MP4+USB cable(worst)+Adapter2/earphone
Pre-scan	24	Telecom Idle+EUT(worst)+NFC+BT+WLAN5G+USB cable(worst)+Adapter(worst)/earphone
Pre-scan	25	Telecom Idle+EUT(worst)+NFC+camera(Front)+USB cable(worst)+Adapter(worst)/earphone
Pre-scan	26	Telecom Idle+EUT(worst)+NFC+camera(Back)+USB cable(worst)+Adapter(worst)/earphone
Pre-scan	27	Telecom Idle+EUT(worst)+NFC+BT+WLAN2.4G+GNSS+OTG output
Pre-scan	28	GSM 850(RX)+EUT(worst)+NFC+BT+WLAN2.4G+USB cable(worst)+Adapter(worst)/earphone
Pre-scan	29	WCDMA Band 5(RX)+EUT(worst)+NFC+BT+WLAN2.4G+USB cable(worst)+Adapter(worst)/earphone



Pre-scan	30	LTE band 5(RX)+EUT(worst)+NFC+BT+WLAN2.4G+USB cable(worst)+Adapter(worst)/earphone
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6.2.3 Test Setup Diagram



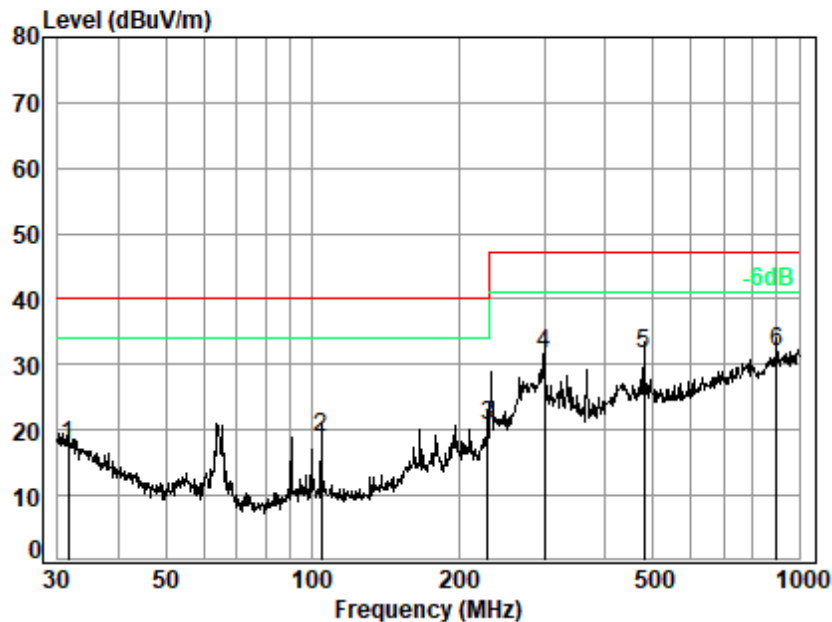
6.2.4 Measurement Procedure and Data

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



Test Mode: 19; Polarity: Horizontal



Site : chamber

Condition: 3m HORIZONTAL

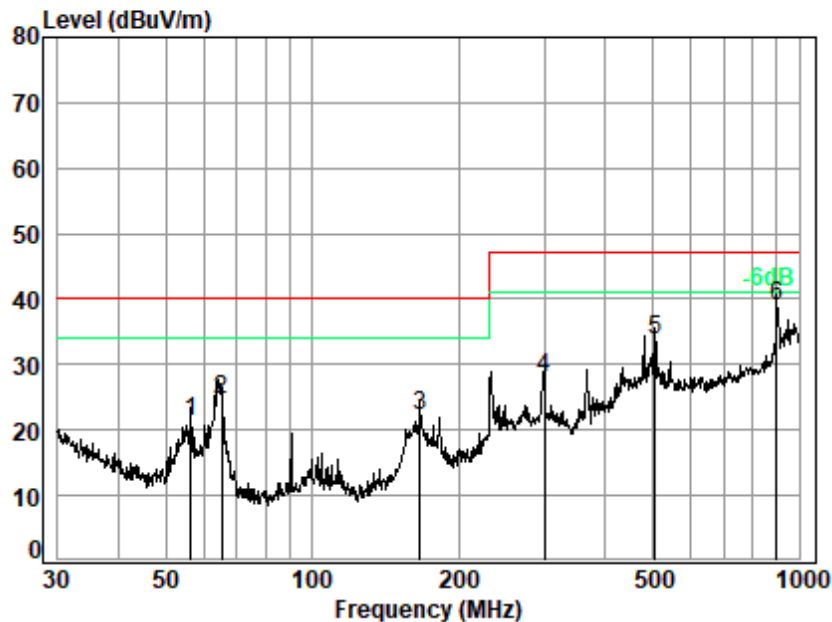
Job No. : 00049WM

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	31.510	20.50	0.69	27.79	24.26	17.66	40.00	-22.34 QP
2	104.170	12.22	1.25	27.57	33.04	18.94	40.00	-21.06 QP
3	229.293	16.35	1.91	27.05	29.46	20.67	40.00	-19.33 QP
4	299.316	17.94	2.20	26.75	38.29	31.68	47.00	-15.32 QP
5	480.528	22.75	2.86	27.48	33.47	31.60	47.00	-15.40 QP
6 q	900.147	27.82	4.12	26.76	26.80	31.98	47.00	-15.02 QP



Test Mode: 19; Polarity: Vertical

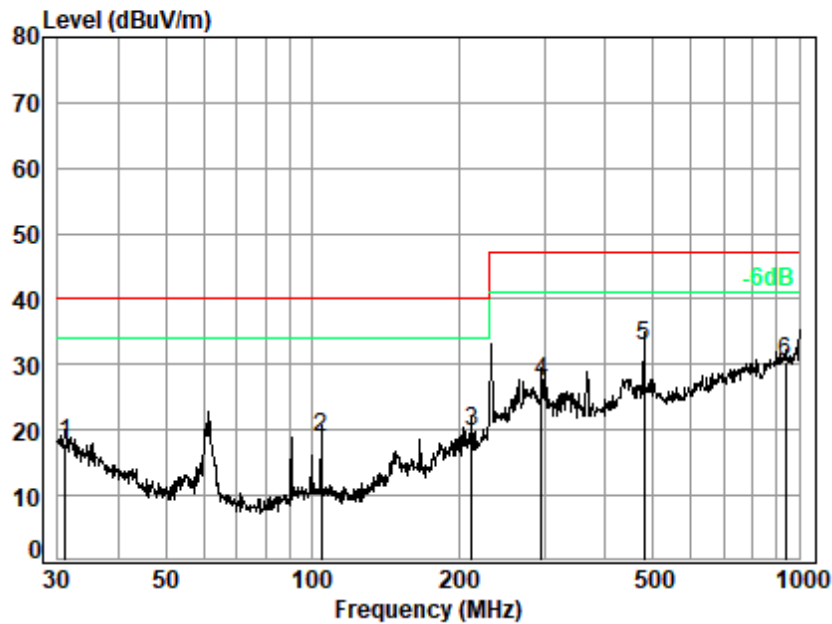


Site : chamber
Condition: 3m VERTICAL
Job No. : 00049WM
Test Mode: 19

	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	56.395	11.81	0.92	27.72	36.31	21.32	40.00	-18.68 QP
2	65.114	11.02	0.99	27.69	40.28	24.60	40.00	-15.40 QP
3	166.068	13.16	1.62	27.31	34.82	22.29	40.00	-17.71 QP
4	299.316	17.94	2.20	26.75	34.69	28.08	47.00	-18.92 QP
5	506.479	23.09	2.94	27.59	35.29	33.73	47.00	-13.27 QP
6 q	896.997	27.93	4.11	26.79	33.63	38.88	47.00	-8.12 QP



Test Mode: 20; Polarity: Horizontal

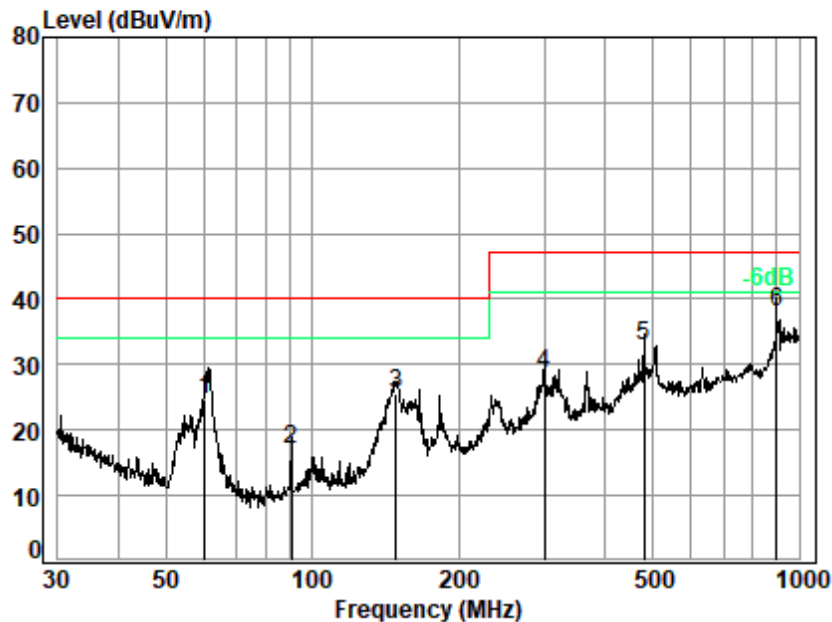


Site : chamber
Condition: 3m HORIZONTAL
Job No. : 00049WM
Test Mode: 20

	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	31.071	20.71	0.68	27.79	24.37	17.97	40.00	-22.03 QP
2	104.170	12.22	1.25	27.57	32.92	18.82	40.00	-21.18 QP
3	213.015	14.79	1.83	27.12	30.27	19.77	40.00	-20.23 QP
4	296.184	17.57	2.19	26.77	34.46	27.45	47.00	-19.55 QP
5 q	480.528	22.75	2.86	27.48	34.81	32.94	47.00	-14.06 QP
6	938.833	28.15	4.22	26.49	24.43	30.31	47.00	-16.69 QP



Test Mode: 20; Polarity: Vertical

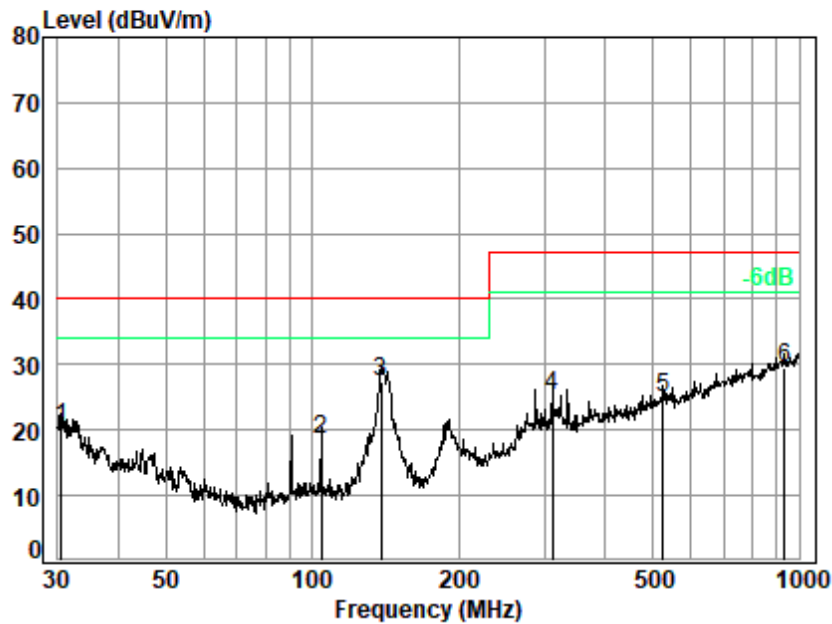


Site : chamber
Condition: 3m VERTICAL
Job No. : 00049WM
Test Mode: 20

	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	60.069	11.47	0.95	27.71	39.86	24.57	40.00	-15.43 QP
2	90.537	11.77	1.16	27.62	31.61	16.92	40.00	-23.08 QP
3	148.963	12.93	1.53	27.38	38.36	25.44	40.00	-14.56 QP
4	299.316	17.94	2.20	26.75	35.20	28.59	47.00	-18.41 QP
5	480.528	22.75	2.86	27.48	34.58	32.71	47.00	-14.29 QP
6 q	896.997	27.93	4.11	26.79	32.89	38.14	47.00	-8.86 QP



Test Mode: 22; Polarity: Horizontal

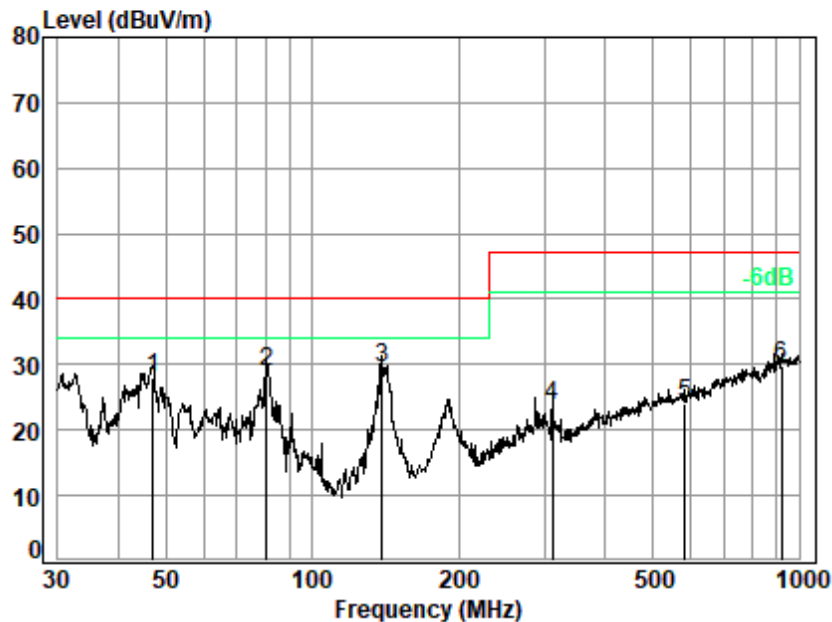


Site : chamber
Condition: 3m HORIZONTAL
Job No. : 00049WM
Test Mode: 22

	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	30.531	20.95	0.68	27.79	26.60	20.44	40.00	-19.56 QP
2	104.170	12.22	1.25	27.57	32.51	18.41	40.00	-21.59 QP
3 q	138.387	11.66	1.47	27.43	41.73	27.43	40.00	-12.57 QP
4	311.087	18.41	2.25	26.80	31.30	25.16	47.00	-21.84 QP
5	526.397	23.24	3.01	27.67	26.21	24.79	47.00	-22.21 QP
6	932.272	28.16	4.21	26.53	23.70	29.54	47.00	-17.46 QP



Test Mode: 22; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 00049WM
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	46.995	13.64	0.84	27.74	41.18	27.92	40.00	-12.08 QP
2	80.644	10.50	1.09	27.65	44.98	28.92	40.00	-11.08 QP
3 q	139.361	11.75	1.48	27.42	43.63	29.44	40.00	-10.56 QP
4	311.087	18.41	2.25	26.80	29.88	23.74	47.00	-23.26 QP
5	582.743	24.05	3.19	27.90	24.70	24.04	47.00	-22.96 QP
6	919.287	28.17	4.17	26.63	23.99	29.70	47.00	-17.30 QP



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: 18.3 °C Humidity: 42.5 % RH Atmospheric Pressure: 1020 mbar

6.3.2 Test Mode Description

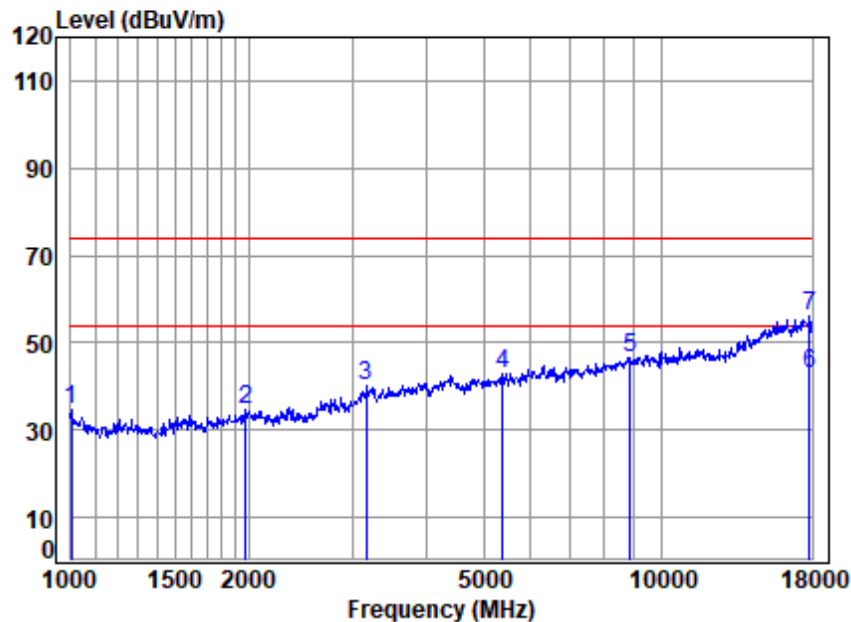
Pre-scan / Final test	Mode Code	Description
Pre-scan	19	Transfer data between the EUT1 and the PC+USB Cable1
Pre-scan	20	Transfer data between the EUT1 and the PC+USB Cable2
Final test	21	Transfer data between the EUT2 and the PC+USB Cable(worst)
Final test	22	Telecom Idle+EUT(worst)+NFC+playing MP4+USB cable(worst)+Adapter1/earphone
Pre-scan	23	Telecom Idle+EUT(worst)+NFC+playing MP4+USB cable(worst)+Adapter2/earphone
Pre-scan	24	Telecom Idle+EUT(worst)+NFC+BT+WLAN5G+USB cable(worst)+Adapter(worst)/earphone
Pre-scan	25	Telecom Idle+EUT(worst)+NFC+camera(Front)+USB cable(worst)+Adapter(worst)/earphone
Pre-scan	26	Telecom Idle+EUT(worst)+NFC+camera(Back)+USB cable(worst)+Adapter(worst)/earphone
Pre-scan	27	Telecom Idle+EUT(worst)+NFC+BT+WLAN2.4G+GNSS+OTG output
Pre-scan	28	GSM 850(RX)+EUT(worst)+NFC+BT+WLAN2.4G+USB cable(worst)+Adapter(worst)/earphone
Pre-scan	29	WCDMA Band 5(RX)+EUT(worst)+NFC+BT+WLAN2.4G+USB cable(worst)+Adapter(worst)/earphone
Pre-scan	30	LTE band 5(RX)+EUT(worst)+NFC+BT+WLAN2.4G+USB cable(worst)+Adapter(worst)/earphone



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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

Test Mode: 21; Polarity: Horizontal

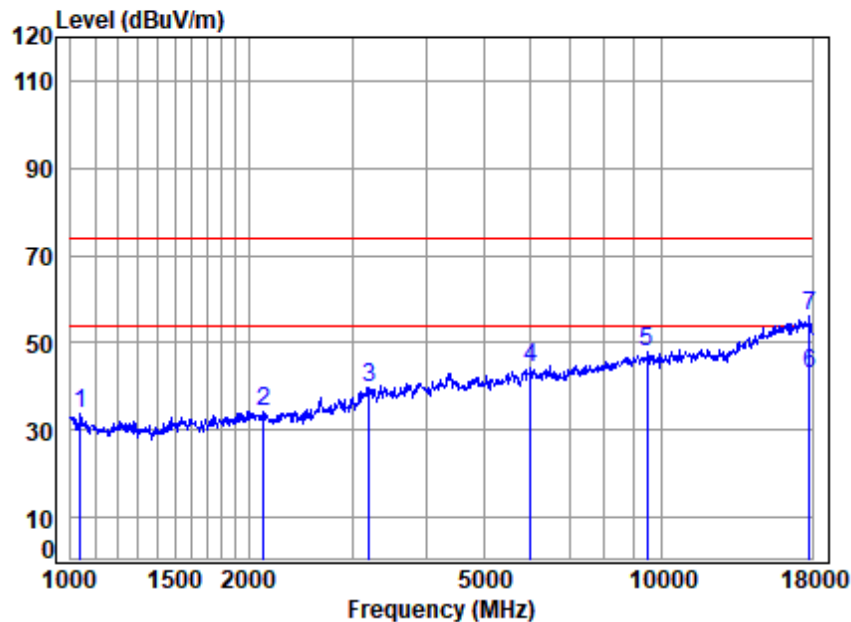


Site : chamber
Condition: 3m HORIZONTAL
Job No : 00049WM
Mode : 21

		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	1002.895	5.94	26.21	54.60	56.97	34.52	74.00	-39.48	Peak
2	1978.082	5.05	28.41	54.90	56.19	34.75	74.00	-39.25	Peak
3	3168.500	6.07	32.65	54.87	56.16	40.01	74.00	-33.99	Peak
4	5377.354	8.14	34.51	53.76	53.80	42.69	74.00	-31.31	Peak
5	8866.062	10.33	37.20	53.54	52.74	46.73	74.00	-27.27	Peak
6	q17844.590	14.75	43.90	52.48	36.90	43.07	54.00	-10.93	Average
7	p17844.590	14.75	43.90	52.48	49.76	55.93	74.00	-18.07	Peak



Test Mode: 21; Polarity: Vertical

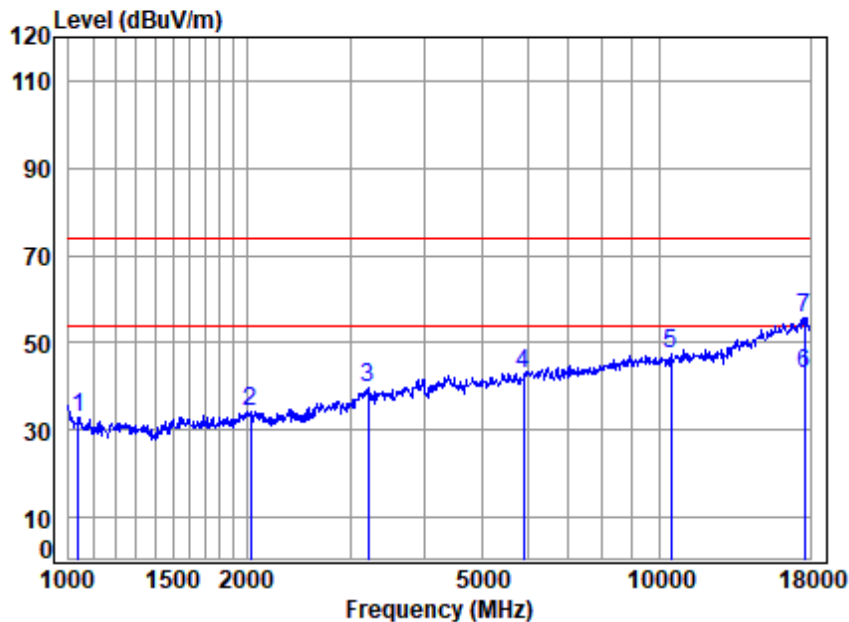


Site : chamber
Condition: 3m VERTICAL
Job No : 00049WM
Mode : 21

		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	1038.290	5.85	25.07	54.62	57.42	33.72	74.00	-40.28	Peak
2	2120.171	5.16	28.56	54.91	55.51	34.32	74.00	-39.68	Peak
3	3205.345	6.09	32.81	54.84	55.81	39.87	74.00	-34.13	Peak
4	6001.626	8.77	34.90	53.10	53.50	44.07	74.00	-29.93	Peak
5	9475.497	10.64	37.45	53.40	53.15	47.84	74.00	-26.16	Peak
6	q17793.090	14.74	43.89	52.50	36.90	43.03	54.00	-10.97	Average
7	p17793.090	14.74	43.89	52.50	49.98	56.11	74.00	-17.89	Peak



Test Mode: 22; Polarity: Horizontal

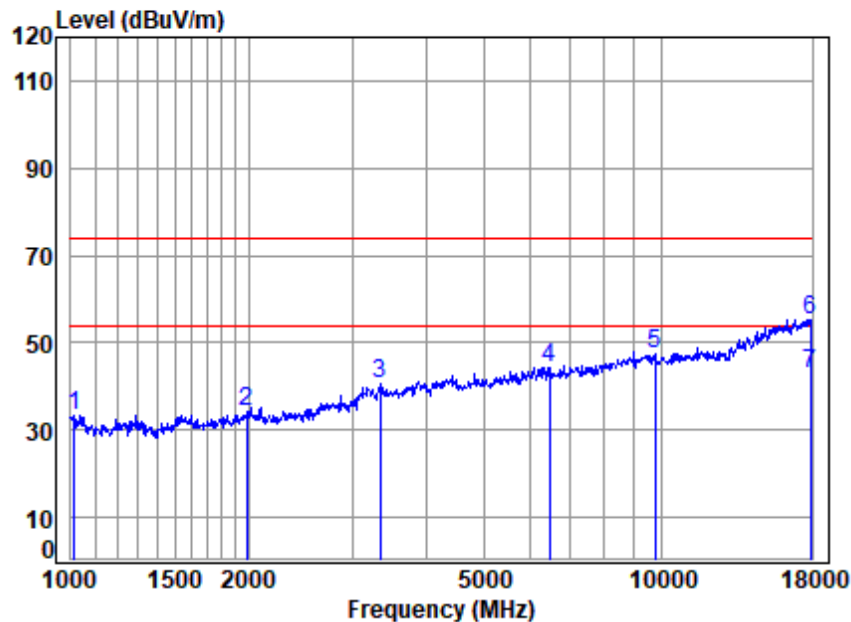


Site : chamber
Condition: 3m HORIZONTAL
Job No : 00049WM
Mode : 22

		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	1038.290	5.85	25.07	54.62	56.58	32.88	74.00	-41.12	Peak
2	2030.214	5.09	28.92	54.90	55.24	34.35	74.00	-39.65	Peak
3	3214.623	6.10	32.67	54.83	55.88	39.82	74.00	-34.18	Peak
4	5898.442	8.68	34.59	53.20	53.05	43.12	74.00	-30.88	Peak
5	10453.970	11.09	37.21	53.11	52.08	47.27	74.00	-26.73	Peak
6	q17639.470	14.69	43.68	52.58	37.12	42.91	54.00	-11.09	Average
7	p17639.470	14.69	43.68	52.58	49.97	55.76	74.00	-18.24	Peak



Test Mode: 22; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No : 00049WM
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	1014.557	5.91	25.83	54.61	56.30	33.43	74.00	-40.57	Peak
2	1983.808	5.06	28.51	54.90	55.68	34.35	74.00	-39.65	Peak
3	3347.371	6.18	32.05	54.73	57.16	40.66	74.00	-33.34	Peak
4	6470.026	8.83	35.54	53.15	53.15	44.37	74.00	-29.63	Peak
5	9753.371	10.56	37.39	53.29	52.61	47.27	74.00	-26.73	Peak
6	p17896.250	14.77	43.90	52.45	49.22	55.44	74.00	-18.56	Peak
7	q17896.250	14.77	43.90	52.45	36.53	42.75	54.00	-11.25	Average



7 Test Setup Photo

Please refer to SZCR2501000049 Appendix_Setup Photo

8 EUT Constructional Details (EUT Photos)

Refer to Appendix – External and Internal Photos for SZCR2501000049WM

- End of the Report -

