FCC RF Test Report

APPLICANT : OnePlus Technology (Shenzhen) Co., Ltd.

EQUIPMENT : OnePlus Magnetic Power Bank Air 5000mAh

BRAND NAME : ONEPLUS MODEL NAME : MPBV02

FCC ID : 2ABZ2-MPBV02

STANDARD : FCC Part 15 Subpart C §15.209

CLASSIFICATION: (DCD) Part 15 Low Power Transmitter Below 1705 kHz

TEST DATE(S) : Apr. 01, 2025 ~ Apr. 15, 2025

We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (ShenZhen), the test report shall not be reproduced except in full.

ry Llwy

Approved by: Fly Liang





Report No.: FR532117

Sporton International Inc. (ShenZhen)

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055
People's Republic of China

Sporton International Inc. (ShenZhen)

TEL: +86-755-8637-9589 FAX: +86-755-8637-9595 FCC ID: 2ABZ2-MPBV02 Page Number : 1 of 25
Report Issued Date : May 27, 2025

Report Version : 01

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History of this test report

Report No.	Version	Description	Issued Date
FR532117	01	Initial issue of report	May 27, 2025

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Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	2.1049	20dB Bandwidth	Reporting Only	-
3.1	2.1049	99% Occupied Bandwidth	Reporting Only	-
3.2	15.209	Radiated Emission	Pass	Under limit 6.33 dB at 48.43 MHz for Quasi-Peak
3.3	15.207	AC Conducted Emission	Pass	Under limit 19.30 dB at 0.60 MHz
3.4	15.203	Antenna Requirements	Pass	-

Conformity Assessment Condition:

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or
 in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of
 non-compliance that may potentially occur if measurement uncertainty is taken into account.
- 2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty"

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

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1 General Description

1.1 Applicant

OnePlus Technology (Shenzhen) Co., Ltd.

18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.

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1.2 Manufacturer

OnePlus Technology (Shenzhen) Co., Ltd.

18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.

1.3 Product Feature of Equipment Under Test

Product Feature		
Equipment	OnePlus Magnetic Power Bank Air 5000mAh	
Brand Name	ONEPLUS	
Model Name	MPBV02	
FCC ID	2ABZ2-MPBV02	
SN Code	Radiation: O63146000018F3L005528 Conducted: O631446000018F3L002051 Conduction: O631446000018F3L002105	
HW Version	V0.1	
SW Version	V0.1	
WPT Frequency Range	111 ~ 148.5kHz	
WPT Type of Modulation	ASK	
WPT Antenna Type	Loop Antenna	
EUT Stage	Production Unit	

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Modification of EUT

No modifications are made to the EUT during all test items.

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1.5 Test Location

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

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Test Firm	Sporton International Inc. (ShenZhen)			
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985			
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.	
Test Site No.	TH01-SZ; CO02-SZ; 03CH05-SZ	CN1256	421272	

1.6 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH05-SZ	AUDIX	E3	6.2009-8-24
2.	CO02-SZ	AUDIX	E3	6.120613b

1.7 Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15 Subpart C §15.209, §15.207
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- ANSI C63.10-2013

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

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2 Test Configuration of Equipment Under Test

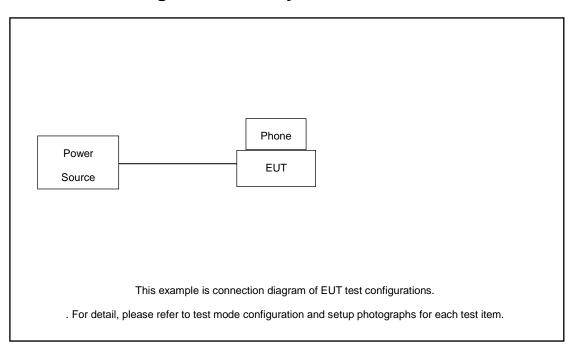
2.1 Test Mode

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 1000 MHz).

b. AC power line Conducted Emission was tested under maximum output power.

Test Items	Function Type
AC Conducted Emission	Mode 1: EUT Wireless Charging to Phone + USB Cable (EUT Charging from Adapter)
Radiated Emission	Mode 1: EUT Wireless Charging to Phone + USB Cable (EUT Charging from Adapter)

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Phone	ОРРО	CPH2653	N/A	N/A	N/A
2.	Adapter	Apple	A2244	N/A	N/A	N/A
3.	Adapter	Huawei	N/A	N/A	N/A	N/A

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3 Test Result

3.1 20dB and 99% Occupied Bandwidth Measurement

3.1.1 Limit of 20dB and 99% Occupied Bandwidth

Reporting only, 99% OBW shall not located within 15.205 restricted bands.

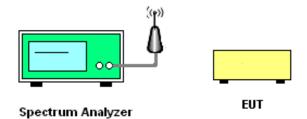
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

- 1. The 20dB bandwidth is measured with a spectrum analyzer connected via a receiver antenna placed near the EUT while wirelessly charging a charging board.
- 2. Use the following spectrum analyzer settings for 99 % Bandwidth measurement.
- 3. Measure and record the results in the test report.

3.1.4 Test Setup



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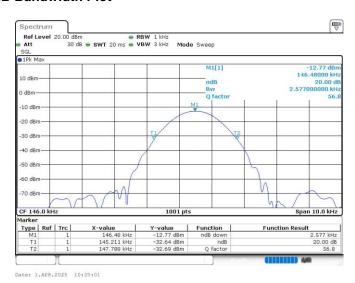
3.1.5 Test Result of 20dB and 99% Bandwidth

Test Engineer :	Temperature :	22~24°C
rest Engineer.	Relative Humidity :	49~58%

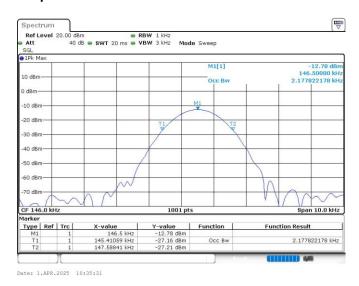
Occupied Bandwidth (kHz)	Frequency (kHz)
20dB Bandwidth(KHz)	2.577
99% Bandwidth(KHz)	2.178

Remark: Because the measured signal is CW adjusting the RBW per C63.10 would not be practical since measured bandwidth will always follow the RBW and the result will be approximately twice the RBW

20 dB Bandwidth Plot



99% Occupied Bandwidth Plot



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3.2 Radiated Emission Measurement

3.2.1 Limit of Radiated Emission

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

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

Receiver Parameter	Setting
Frequency Range: 9kHz~150kHz	RBW 200Hz for QP
Frequency Range: 150kHz~30MHz	RBW 9kHz for QP
Frequency Range: 30MHz~1000MHz	RBW 120kHz for Peak

Note: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

For radiated emissions from 9kHz to 1GHz test distance is 3m

For 9kHz ~ 30MHz

- 1. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
- 2. Distance extrapolation factor = 40 log (specific distance / test distance) (dB);
- 3. specific line $(dB\mu V/m) = 20 \log Emission level (\mu V/m)$
- 4. Limit line = specific limits $(dB\mu V/m)$ + distance extrapolation factor.

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Measuring Instrument Setting

Follow the guidelines in ANSI C63.10-2013 with respect to maximizing the emission by rotating the EUT, measuring the emission for three EUT orthogonal planes, and adjusting the measurement antenna height and polarization. A pre-amp and a high pass filter are used for this test in order to get the good signal level.

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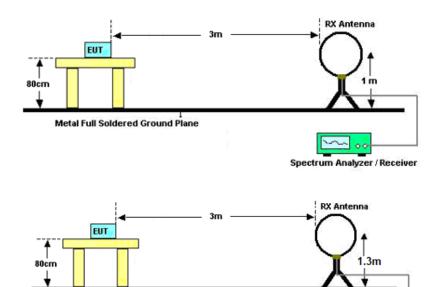
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3.2.4 Test Setup of Radiated Emission

For radiated emissions below 30MHz



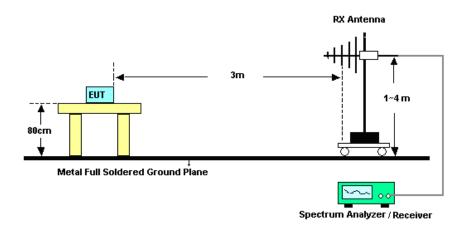
Note:

1. There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

Metal Full Soldered Ground Plane

Tested for radiated below 30 MHz using a loop antenna in accordance with C63.10, the antenna
was positioned in three antenna orientations: horizontal, vertical, and ground-parallel three
polarization's, the worst case is horizontal & vertical polarization, test data of two mode was
reported.

For radiated emissions above 30MHz



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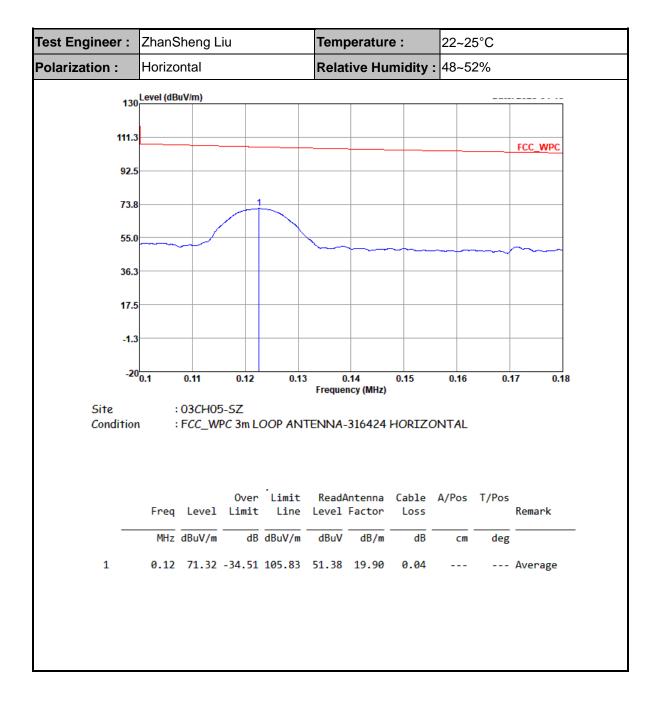
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Spectrum Analyzer / Receiver

3.2.5 Test Result of Fundamental Emission

Frequency (MHz)	Level (dBuV/m) @3m		Corrected level @300m (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Read Level (dBuV)	Antenna Factor (dB/m)	Loss	Remark	Pol/Phase
0.12264	71.32	80	-8.68	25.83	34.51	51.38	19.9	0.04	AV	Perpendicular
0.12264	68.61	80	-11.39	25.83	-37.22	48.67	19.9	0.04	AV	Parallel

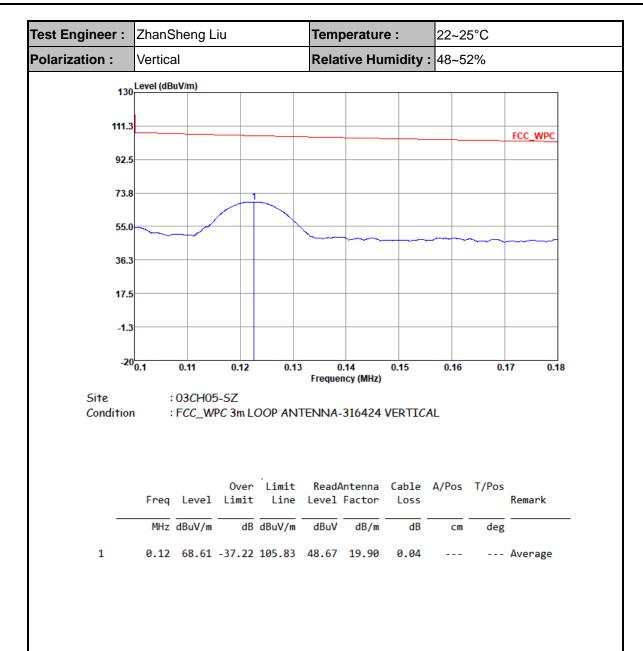
Note: The field strength is tested at 3m distance then convert to 300m by adding distance factor 40*log(d1/d2)



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Note:

- 1. Level @3m ($dB\mu V/m$) = Read Level @3m ($dB\mu V$) + Antenna Factor(dB/m) + Cable Loss(dB).
- 2. Corrected Level @300m (dBμV/m) = Level @3m (dBμV/m) Distance extrapolation factor (dB).
- 3. Distance extrapolation factor = 40 log (specific distance / test distance) (dB).
- 4. Over Limit(dB) = Level(dB μ V/m) Limit Line(dB μ V/m).

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3.2.6 Test Result of Radiated Emission (9kHz ~ 30MHz)

Frequency	Level 3m	Distance	Corrected	Limit	Over	Read	Antenna	Cable		
(MHz)	(dBuV/m)	Factor(dB)	Level	Line	Limit				Remark	Pol/Phase
, ,	,	(u=)	(ubuv/iii)	(dBuV/m)	,	(dBuV)	, ,	(dB)		
0.03843	50.5	80	-29.5	35.91	-65.41	30.76	19.7	0.04	Average	Horizontal
0.06276	45.96	80	-34.04	31.65	-65.69	26.22	19.7	0.04	Average	Horizontal
0.09255	39.17	80	-40.83	28.28	-69.11	19.33	19.81	0.03	QP	Horizontal
0.13593	34.18	80	-45.82	24.94	-70.76	14.18	19.96	0.04	Average	Horizontal
1.656	37.56	40	-2.44	23.22	-25.66	17.18	20.17	0.21	QP	Horizontal
4.388	35.81	40	-4.19	29.54	-33.73	15.37	20.17	0.27	QP	Horizontal
11.336	35.89	40	-4.11	29.54	-33.65	14.64	20.38	0.87	QP	Horizontal
20.77	35.45	40	-4.55	29.54	-34.09	14.01	20.38	1.06	QP	Horizontal
26.885	36.17	40	-3.83	29.54	-33.37	14.59	20.41	1.17	QP	Horizontal
0.03848	47.3	80	-32.7	35.9	-68.6	27.56	19.7	0.04	Average	Vertical
0.07761	41.53	80	-38.47	29.81	-68.28	21.76	19.74	0.03	Average	Vertical
0.10155	36.3	80	-43.7	27.47	-71.17	16.41	19.86	0.03	QP	Vertical
0.13659	33.68	80	-46.32	24.9	-71.22	13.67	19.97	0.04	Average	Vertical
1.626	36.95	40	-3.05	23.38	-26.43	16.57	20.17	0.21	QP	Vertical
6.668	36.01	40	-3.99	29.54	-33.53	15.23	20.28	0.5	QP	Vertical
11.088	36.57	40	-3.43	29.54	-32.97	15.31	20.4	0.86	QP	Vertical
21.634	35.51	40	-4.49	29.54	-34.03	14.04	20.4	1.07	QP	Vertical
27.49	36.38	40	-3.62	29.54	-33.16	14.79	20.42	1.17	QP	Vertical

Note:

- 1. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
- 2. Distance extrapolation factor = 40 log (specific distance / test distance) (dB);
- 3. Corrected Level = Level @3m ($dB\mu V/m$) distance extrapolation factor.

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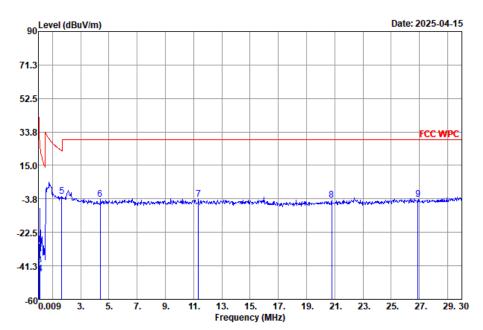
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Test Engineer: ZhanSheng Liu Temperature : 22~25°C Relative Humidity: 48~52% Polarization: Horizontal



Site : 03CH05-SZ

: FCC WPC 3m LOOP ANTENNA-316424 HORIZONTAL Condition

			0ver	Limit	ReadA	ntenna	Cable	A/Pos	T/Pos		
	Freq	Level	Limit	Line	Level	Factor	Loss			Remark	
											
	MHZ	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg		
1	0.04	-29.50	-65.41	35.91	30.76	19.70	0.04			Average	
2	0.06	-34.04	-65.69	31.65	26.22	19.70	0.04			Average	
3	0.09	-40.83	-69.11	28.28	19.33	19.81	0.03			QP	
4	0.14	-45.82	-70.76	24.94	14.18	19.96	0.04			Average	
5	1.66	-2.44	-25.66	23.22	17.18	20.17	0.21			QP	
6	4.39	-4.19	-33.73	29.54	15.37	20.17	0.27			QP	
7	11.34	-4.11	-33.65	29.54	14.64	20.38	0.87			QP	
8	20.77	-4.55	-34.09	29.54	14.01	20.38	1.06			QP	
9	26.89	-3.83	-33.37	29.54	14.59	20.41	1.17			OP	

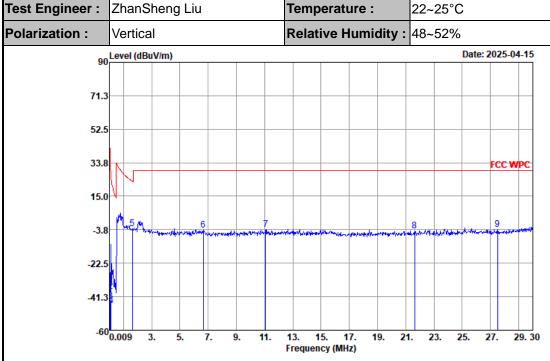
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Site : 03CH05-SZ

Condition : FCC WPC 3m LOOP ANTENNA-316424 VERTICAL

			0ver	Limit	ReadA	Intenna	Cable	A/Pos	T/Pos	
	Freq	Level	Limit	Line	Level	Factor	Loss			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
									_	
1	0.04	-32.70	-68.60	35.90	27.56	19.70	0.04			Average
2	0.08	-38.47	-68.28	29.81	21.76	19.74	0.03			Average
3	0.10	-43.70	-71.17	27.47	16.41	19.86	0.03			QP
4	0.14	-46.32	-71.22	24.90	13.67	19.97	0.04			Average
5	1.63	-3.05	-26.43	23.38	16.57	20.17	0.21			QP
6	6.67	-3.99	-33.53	29.54	15.23	20.28	0.50			QP
7	11.09	-3.43	-32.97	29.54	15.31	20.40	0.86			QP
8	21.63	-4.49	-34.03	29.54	14.04	20.40	1.07			QP
9	27.49	-3.62	-33.16	29.54	14.79	20.42	1.17			OP

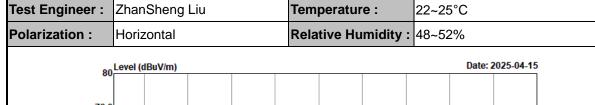
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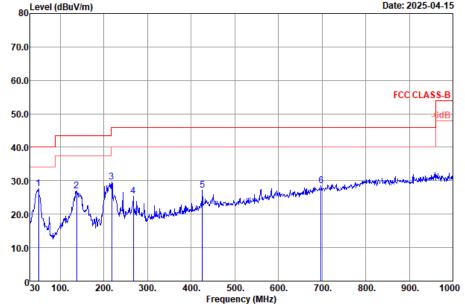
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3.2.7 Test Result of Radiated Emission (30MHz ~ 1000MHz)





Site : 03CH05-SZ

Condition : FCC CLASS-B 3m VULB9168-01001 HORIZONTAL

			0ver	Limit	ReadA	ntenna	Cable	Preamp	A/Pos	T/Pos	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor			Remark
_											
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 *	50.37	27.61	-12.39	40.00	40.97	19.71	1.64	34.71			Peak
2	137.67	26.90	-16.60	43.50	41.50	18.22	2.26	35.08			Peak
3	218.18	29.53	-16.47	46.00	44.92	16.56	2.84	34.79			Peak
4	267.65	25.39	-20.61	46.00	38.74	18.35	3.08	34.78			Peak
5	425.76	27.12	-18.88	46.00	35.94	22.34	3.39	34.55			Peak
6	697.36	28.47	-17.53	46.00	31.54	27.40	3.74	34.21			Peak

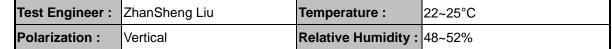
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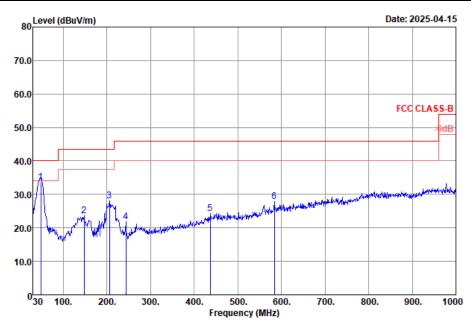
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Site : 03CH05-SZ

Condition : FCC CLASS-B 3m VULB9168-01001 VERTICAL

			0ver	Limit	ReadA	ntenna	Cable	Preamp	A/Pos	T/Pos	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor			Remark
_											
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	10 13	33 67	6 33	40.00	17 00	19.68	1 63	34.64	100	258	OP
1	40.43	33.67	-0.33	40.00	47.00	19.00	1.05	34.04			•
2	147.37	23.53	-19.97	43.50	37.27	19.04	2.31	35.09			Peak
3 *	205.57	28.08	-15.42	43.50	44.08	16.09	2.78	34.87			Peak
4	243.40	21.92	-24.08	46.00	36.09	17.49	2.98	34.64			Peak
5	436.43	24.39	-21.61	46.00	32.80	22.64	3.43	34.48			Peak
6	583.87	27.82	-18.18	46.00	33.12	25.57	3.56	34.43			Peak

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3.3 AC Conducted Emission Measurement

3.3.1 Limits of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of Emission	Conducted Limit (dΒμV)				
(MHz)	Quasi-Peak	Average			
0.15-0.5	66 to 56*	56 to 46*			
0.5-5	56	46			
5-30	60	50			

^{*}Decreases with the logarithm of the frequency.

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedure

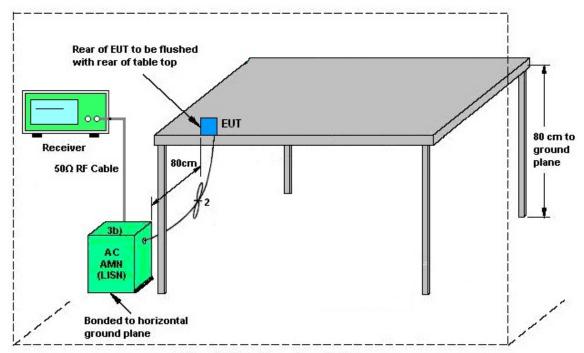
- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- 2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- 3. All the support units are connecting to the other LISN.
- 4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- 5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
- 6. Both sides of AC line were checked for maximum conducted interference.
- 7. The frequency range from 150 kHz to 30 MHz was searched.
- 8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

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3.3.4 Test Setup



AMN = Artificial mains network (LISN)

AE = Associated equipment

EUT = Equipment under test

ISN = Impedance stabilization network

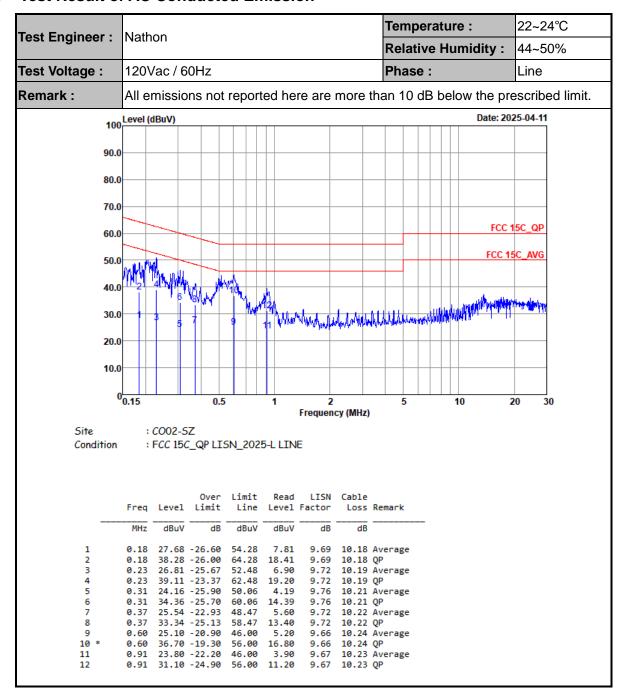
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3.3.5 Test Result of AC Conducted Emission



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Temperature: 22~24°C Test Engineer: Nathon Relative Humidity: 44~50% Phase: Test Voltage: 120Vac / 60Hz Neutral Remark: All emissions not reported here are more than 10 dB below the prescribed limit. 100 Level (dBuV) Date: 2025-04-11 90.0 80.0 70.0 FCC 15C_QP 60.0 FCC 15C 50.0 40.0 30.0 20.0 10.0 0<mark>0.15</mark> 0.5 2 5 10 20 30 Frequency (MHz) : CO02-5Z Site Condition : FCC 15C_QP LISN_2025-N NEUTRAL Over Limit Read LISN Cable Line Level Factor Loss Remark MHz dBuV dB dBuV dBuV dB dB 0.15 32.09 -23.65 55.74 12.30 9.60 10.19 Average 40.59 -25.15 65.74 20.80 9.60 0.19 27.60 -26.55 54.15 7.60 9.82 10.18 Average

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)

64.15

53.01

63.01

50.19

60.19

46.00

46.00

56.00 16.69

56.00 12.40

18.40

7.61

20.31

14.00

5.39

4.60

9.82

9.75

9.75

9.88

9.88

9.65 9.65

9.72

10.18 OP

10.18 QP

10.21 OP

10.24 OP

10.18 Average

10.21 Average

10.24 Average

10.23 Average

2. Over Limit(dB) = Level(dB μ V) – Limit Line(dB μ V)

0.19

0.22

0.22

0.30

0.30

0.61

0.61

0.91

10 *

11

38.40 -25.75

27.54 -25.47

40.24 -22.77

24.39 -25.80

34.09 -26.10

25.28 -20.72

24.55 -21.45

32.35 -23.65

36.58 -19.42

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3.4 Antenna Requirements

3.4.1 Standard Applicable

Except for special regulations, the Low-power Radio-frequency Devices must not be equipped with any jacket for installing an antenna with extension cable. An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited.

The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.4.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

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4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	R&S	ESR7	102261	9kHz~7GHz	Apr. 09, 2025	Apr. 15, 2025	Apr. 08, 2026	Radiation (03CH05-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY590711 91	10Hz~44GHz	Apr. 09, 2025	Apr. 15, 2025	Apr. 08, 2026	Radiation (03CH05-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Apr. 15, 2025	Dec. 27, 2025	Radiation (03CH05-SZ)
Log-periodic Antenna	SCHWARZBE CK	VULB 9168	01001	20MHz~1.5GHz	Jul. 08, 2024	Apr. 15, 2025	Jul. 07, 2025	Radiation (03CH05-SZ)
Amplifier	EM Electronics	EM330	060756	0.01Hz ~3000MHz	Apr. 09, 2025	Apr. 15, 2025	Apr. 08, 2026	Radiation (03CH05-SZ)
AC Power Source	APC	AFV-S-600	F11905001 3	N/A	Oct. 14, 2024	Apr. 15, 2025	Oct. 13, 2025	Radiation (03CH05-SZ)
Turn Table	EMEC	T-200-S-1	060925-T	0~360 degree	NCR	Apr. 15, 2025	NCR	Radiation (03CH05-SZ)
Antenna Mast	EMEC	MBS-400-1	060927	1 m~4 m	NCR	Apr. 15, 2025	NCR	Radiation (03CH05-SZ)
EMI Receiver	R&S	ESR7	102297	9kHz~7GHz;	Jul. 03, 2024	Apr. 11, 2025	Jul. 02, 2025	Conduction (CO02-SZ)
AC LISN	R&S	ENV216	101499	9kHz~30MHz	Jul. 03, 2024	Apr. 11, 2025	Jul. 02, 2025	Conduction (CO02-SZ)
AC Power Source	CHROMA	61601	616010002 470	100Vac~250Vac	Dec.25, 2024	Apr. 11, 2025	Dec. 24, 2025	Conduction (CO02-SZ)
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 09, 2024	Apr. 01, 2025	Apr. 08, 2025	Conducted (TH01-SZ)

NCR: No Calibration Required

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5 Measurement Uncertainty

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Occupied Channel Bandwidth	±0.012 MHz

<u>Uncertainty of AC Conducted Emission Measurement (150 kHz ~ 30 MHz)</u>

Measuring Uncertainty for a Level	of Confidence	2.5dB
of 95% (U = 2Uc(y))		2.5UB

Uncertainty of Radiated Emission Measurement (9 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence	2.5dB
of 95% (U = 2Uc(y))	

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence	4 24B
of 95% (U = 2Uc(y))	4.2dB

----- THE END -----

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