



FCC RF Test Report

APPLICANT : OnePlus Technology (Shenzhen) Co., Ltd.
EQUIPMENT : OnePlus AIRVOOC 50W Magnetic Charger
BRAND NAME : OnePlus
MODEL NAME : OAWV10
FCC ID : 2ABZ2-OAWV10
STANDARD : FCC Part 15 Subpart C §15.209
CLASSIFICATION : (DCD) Part 15 Low Power Transmitter Below 1705 kHz
TEST DATE(S) : Dec. 19, 2025 ~ Jan. 06, 2026

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.

Fly Liang

Approved by: Fly Liang



Sporton International Inc. (ShenZhen)

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055

People's Republic of China



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History of this test report

Report No.	Version	Description	Issued Date
FR5N2601	01	Initial issue of report	Jan. 14, 2026

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 7.00 dB at 30.97 MHz
3.3	15.207	AC Conducted Emission	Pass	Under limit 16.43 dB at 24.01 MHz
3.4	15.203	Antenna Requirements	Pass	-

Conformity Assessment Condition:

1. 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/manufacture 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.



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.

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 AIRVOOC 50W Magnetic Charger
Brand Name	OnePlus
Model Name	OAWV10
FCC ID	2ABZ2-OAWV10
SN Code	TOPO50WGA15BK01D4
HW Version	V1.2
SW Version	V0.14
WPT Frequency Range	111~147khz, 360kHz
WPT Type of Modulation	ASK
WPT Antenna Type	Coil Antenna

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.



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.

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.
	TH01-SZ CO02-SZ ; 03CH04-SZ	CN1256	421272

1.6 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH04-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 C63.10-2020

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

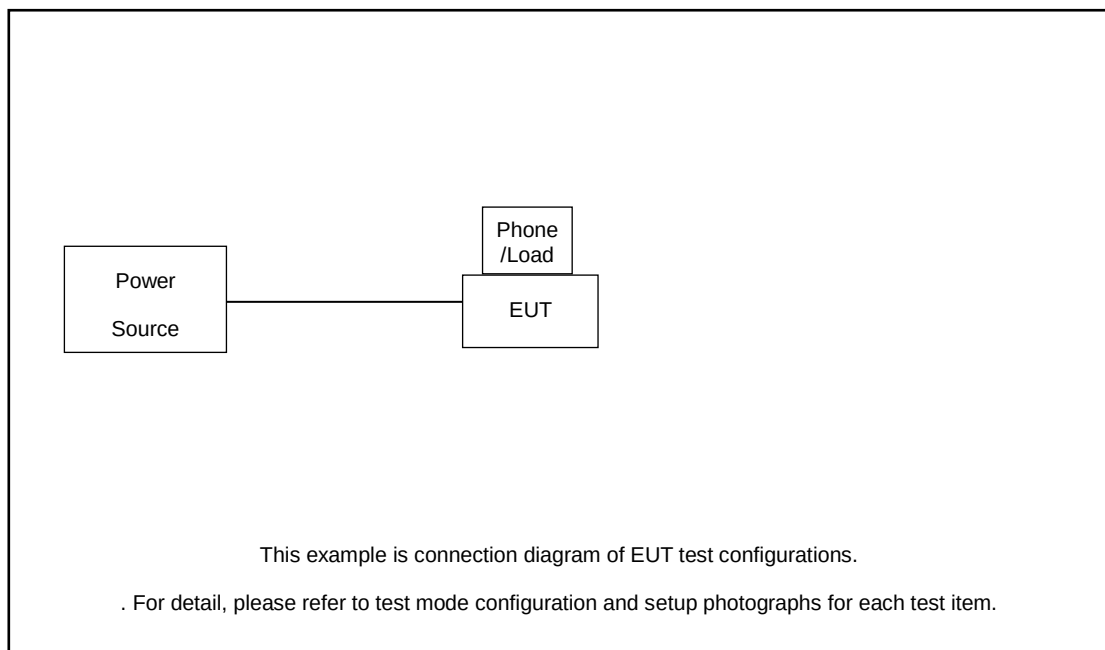
2 Test Configuration of Equipment Under Test

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
20dB and 99% Occupied Bandwidth / AC Conducted Emission	Mode 1: WPT Charging(134k) + Battery Level < 10% + EUT Wireless Charging to phone for 0 cm Mode 2: WPT Charging(134k) + Battery Level 50%(40%`60%) + EUT Wireless Charging to phone for 0 cm Mode 3: WPT Charging(134k) + Battery Level >90% + EUT Wireless Charging to phone for 0 cm Mode 4: WPT Charging(360k) + EUT Wireless Charging to Load for 0 cm
Radiated Emission	Mode 1: WPT Charging(134k) + Battery Level < 10% + EUT Wireless Charging to phone for 0 cm Mode 2: WPT Charging(134k) + Battery Level 50%(40%`60%) + EUT Wireless Charging to phone for 0 cm Mode 3: WPT Charging(134k) + Battery Level >90% + EUT Wireless Charging to phone for 0 cm Mode 4: WPT Charging(360k) + EUT Wireless Charging to Load for 0 cm
Remark: 1. The worst case of conducted emission is mode 3; only the test data of it was reported. 2. The worst case of radiated emission for below 30MHz is mode 2; only the test data of it was reported. 3. The worst case of radiated emission for above 30MHz is mode 4; only the test data of it was reported.	

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	Oneplus	N/A	N/A	N/A	N/A
2.	Load	N/A	N/A	N/A	N/A	N/A
3.	Adapter	N/A	N/A	N/A	N/A	N/A
4.	USB Cable	N/A	N/A	N/A	N/A	N/A

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.

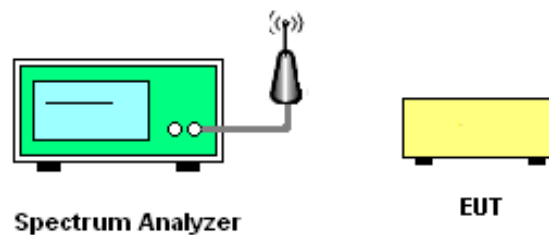
3.1.2 Measuring Instruments

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



**3.1.5 Test Result of 20dB and 99% Bandwidth**

Test Engineer :	Sam Zheng	Temperature :	22~24°C
		Relative Humidity :	49~58%

Mode 1 :

Occupied Bandwidth (kHz)	Frequency (kHz)
20dB Bandwidth(KHz)	2.567
99% Bandwidth(KHz)	2.188

Mode 2 :

Occupied Bandwidth (kHz)	Frequency (kHz)
20dB Bandwidth(KHz)	2.577
99% Bandwidth(KHz)	2.188

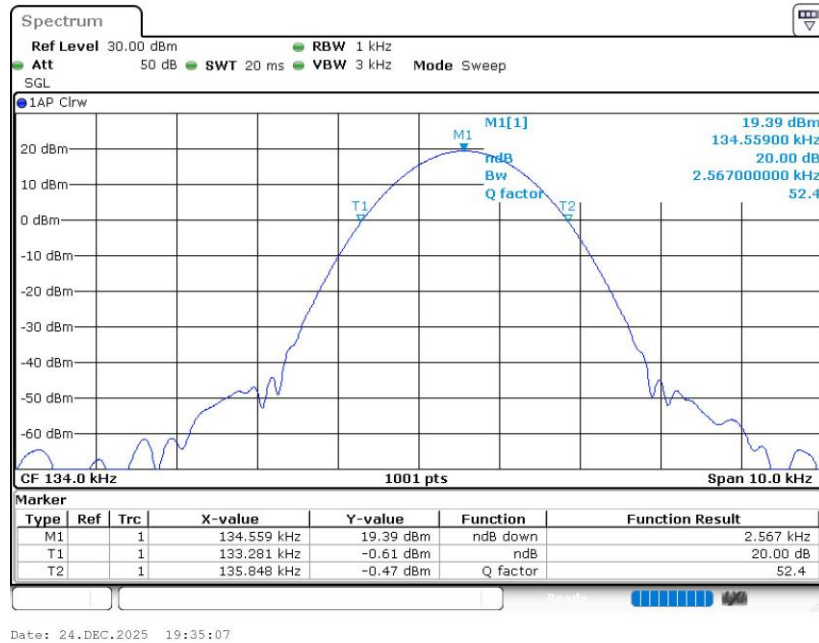
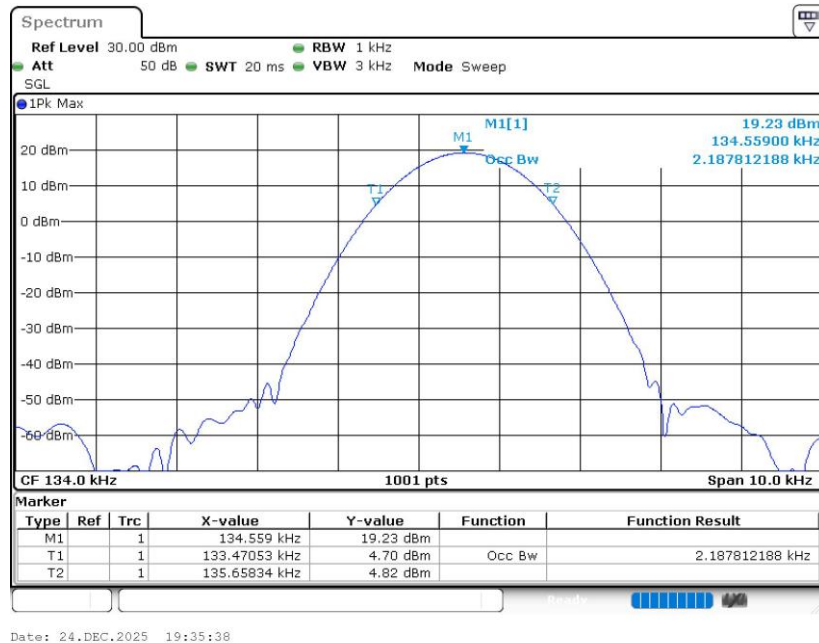
Mode 3 :

Occupied Bandwidth (kHz)	Frequency (kHz)
20dB Bandwidth(KHz)	2.567
99% Bandwidth(KHz)	2.188

Mode 4 :

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

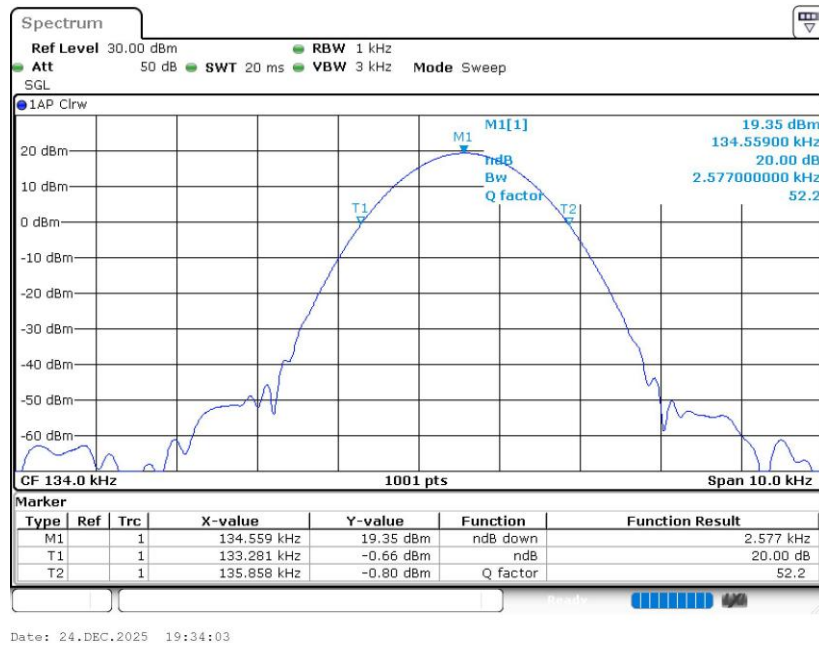
Remark: Because the measured signal is CW adjusting the RBW per C63.10 would not be practical since measured bandwidth will always follow the RBW and the result will be approximately twice the RBW

Mode 1 :
20 dB Bandwidth Plot

99% Occupied Bandwidth Plot


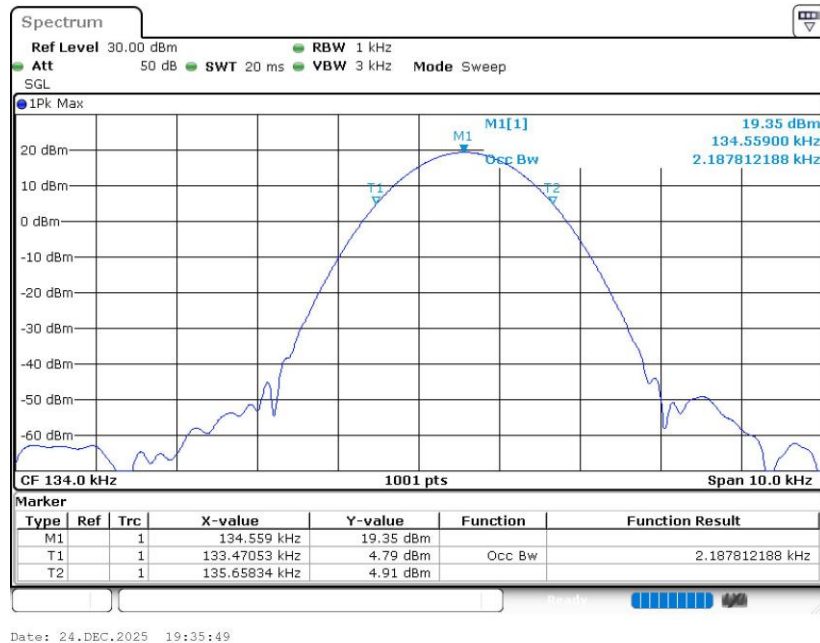


Mode 2 :

20 dB Bandwidth Plot



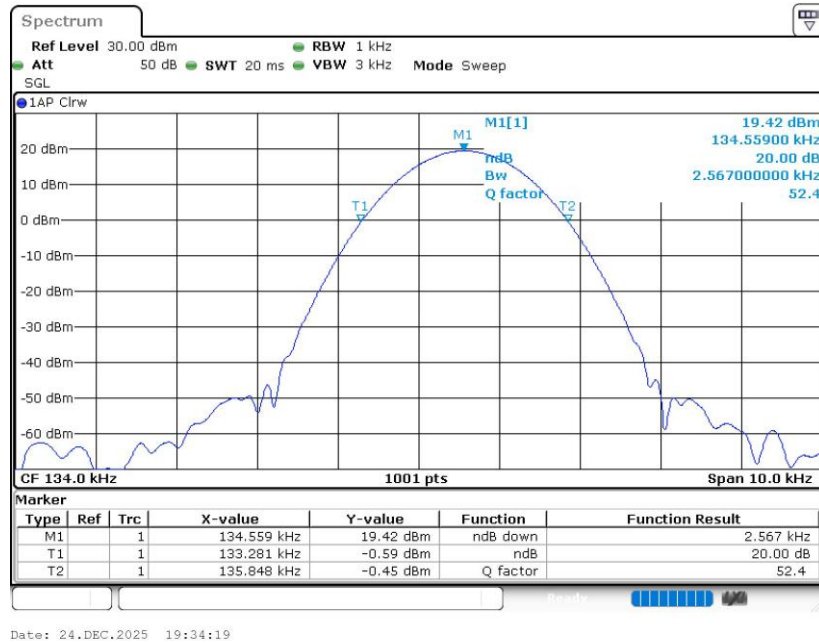
99% Occupied Bandwidth Plot



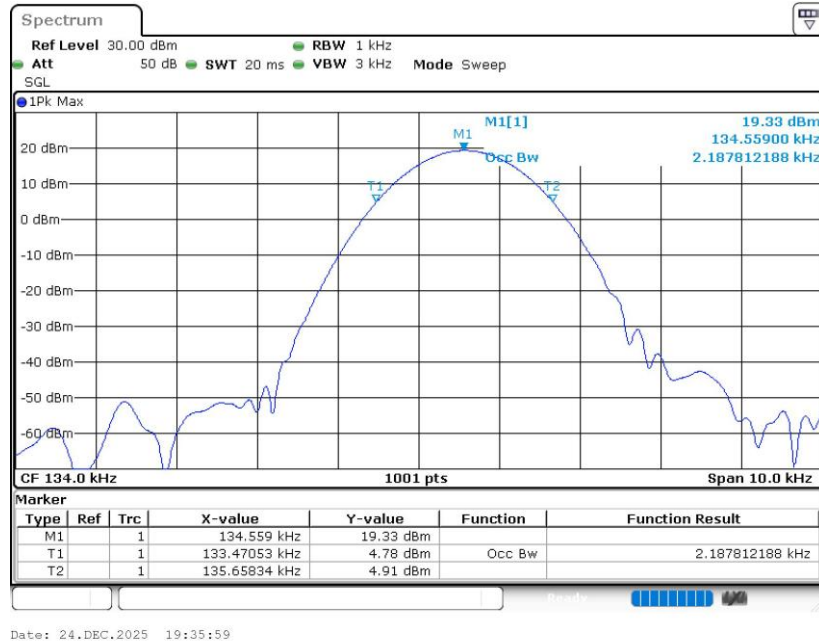


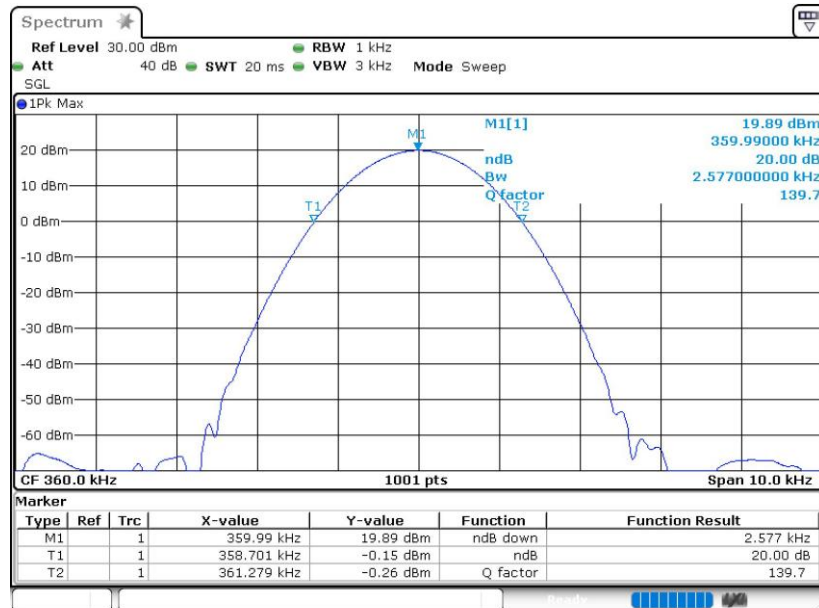
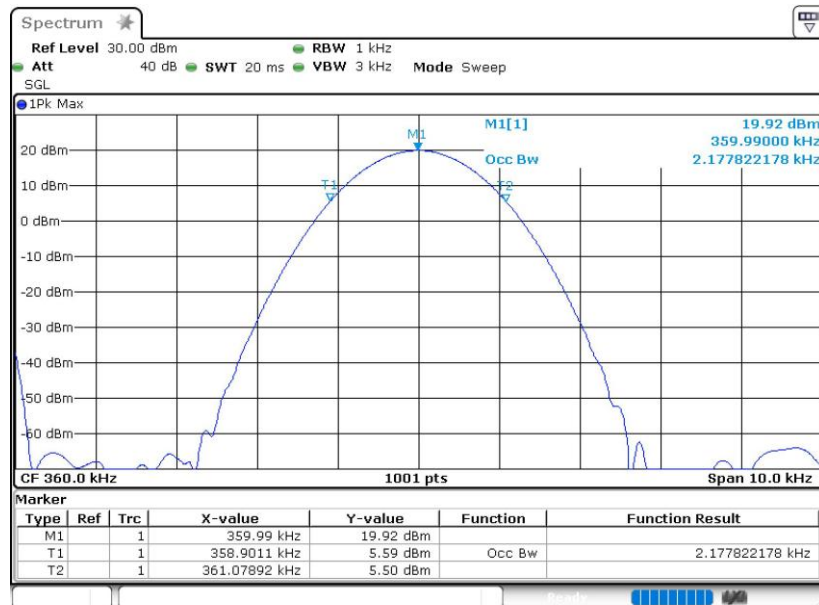
Mode 3 :

20 dB Bandwidth Plot



99% Occupied Bandwidth Plot



Mode 4 :
20 dB Bandwidth Plot

99% Occupied Bandwidth Plot


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 = $40 \log (\text{specific distance} / \text{test distance})$ (dB);
3. specific line (dB μ V/m) = $20 \log$ Emission level (μ V/m)
4. Limit line = specific limits (dB μ V/m) + distance extrapolation factor.

3.2.2 Measuring Instruments

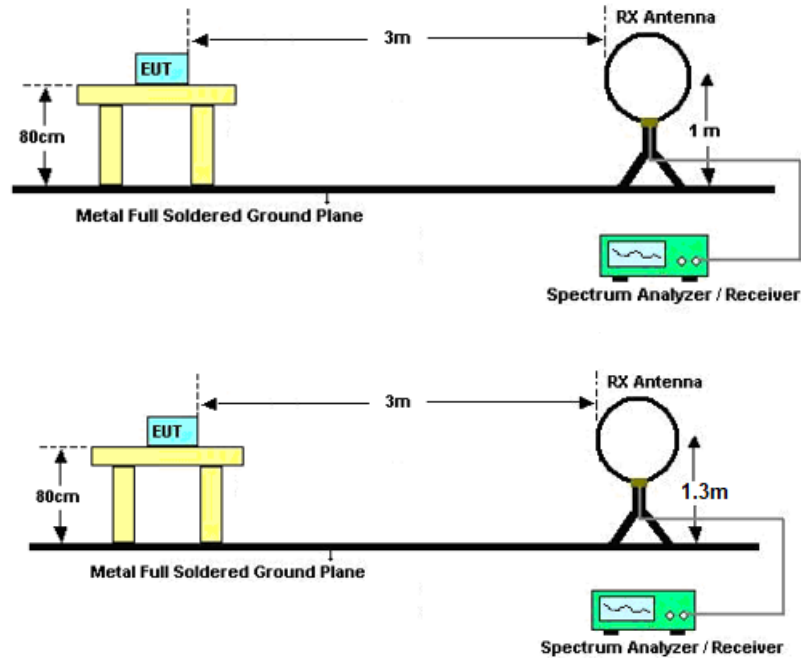
See list of measuring equipment of this test report.

3.2.3 Measuring Instrument Setting

Follow the guidelines in C63.10 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.

3.2.4 Test Setup of Radiated Emission

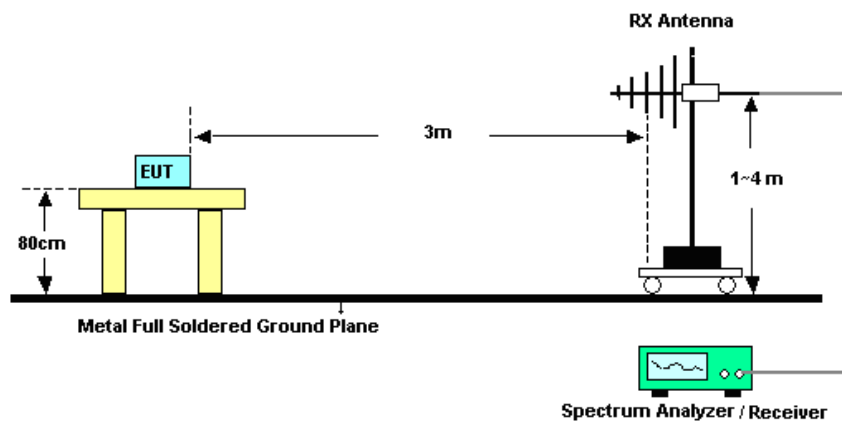
For radiated emissions below 30MHz



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.
2. 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



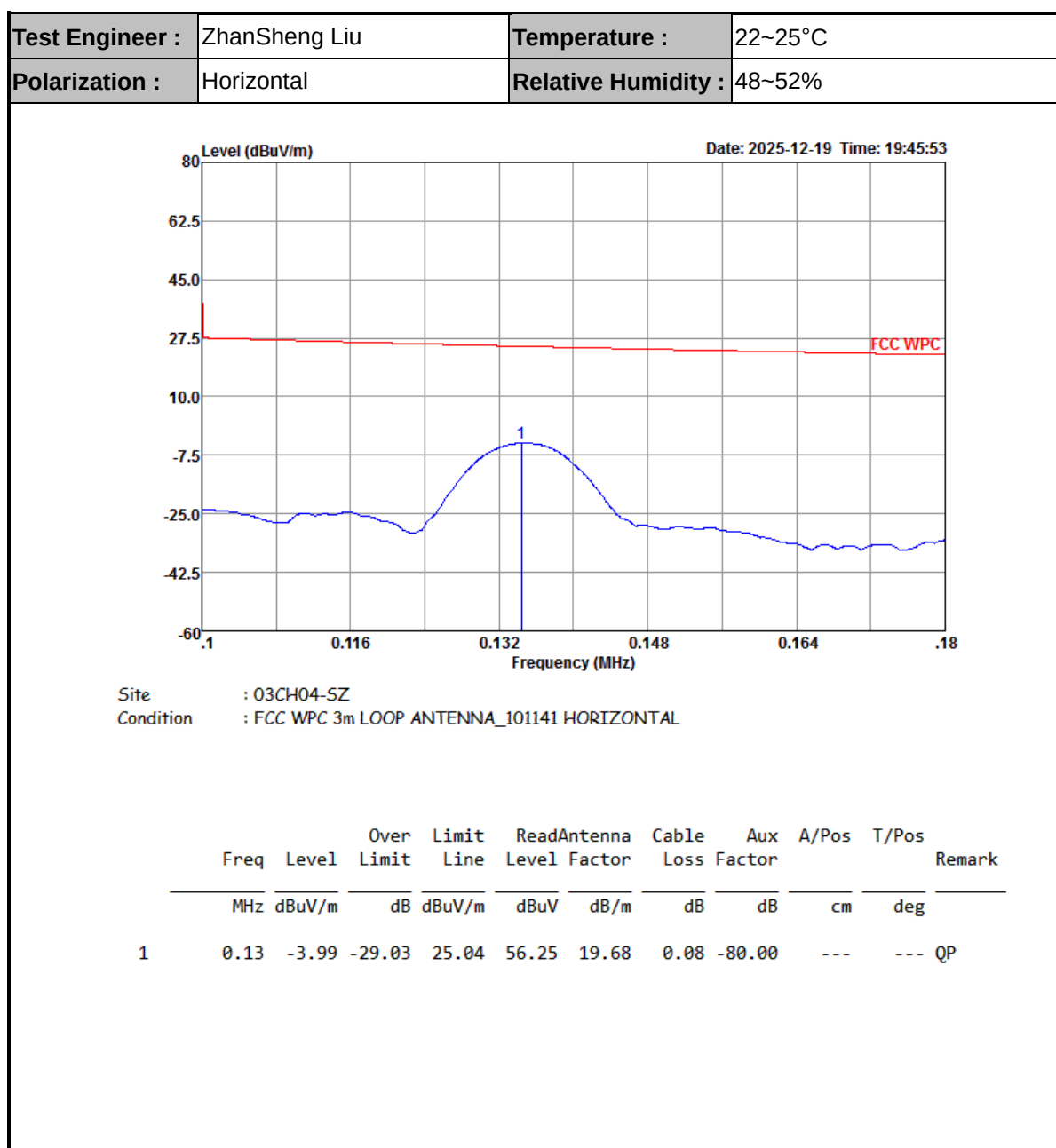


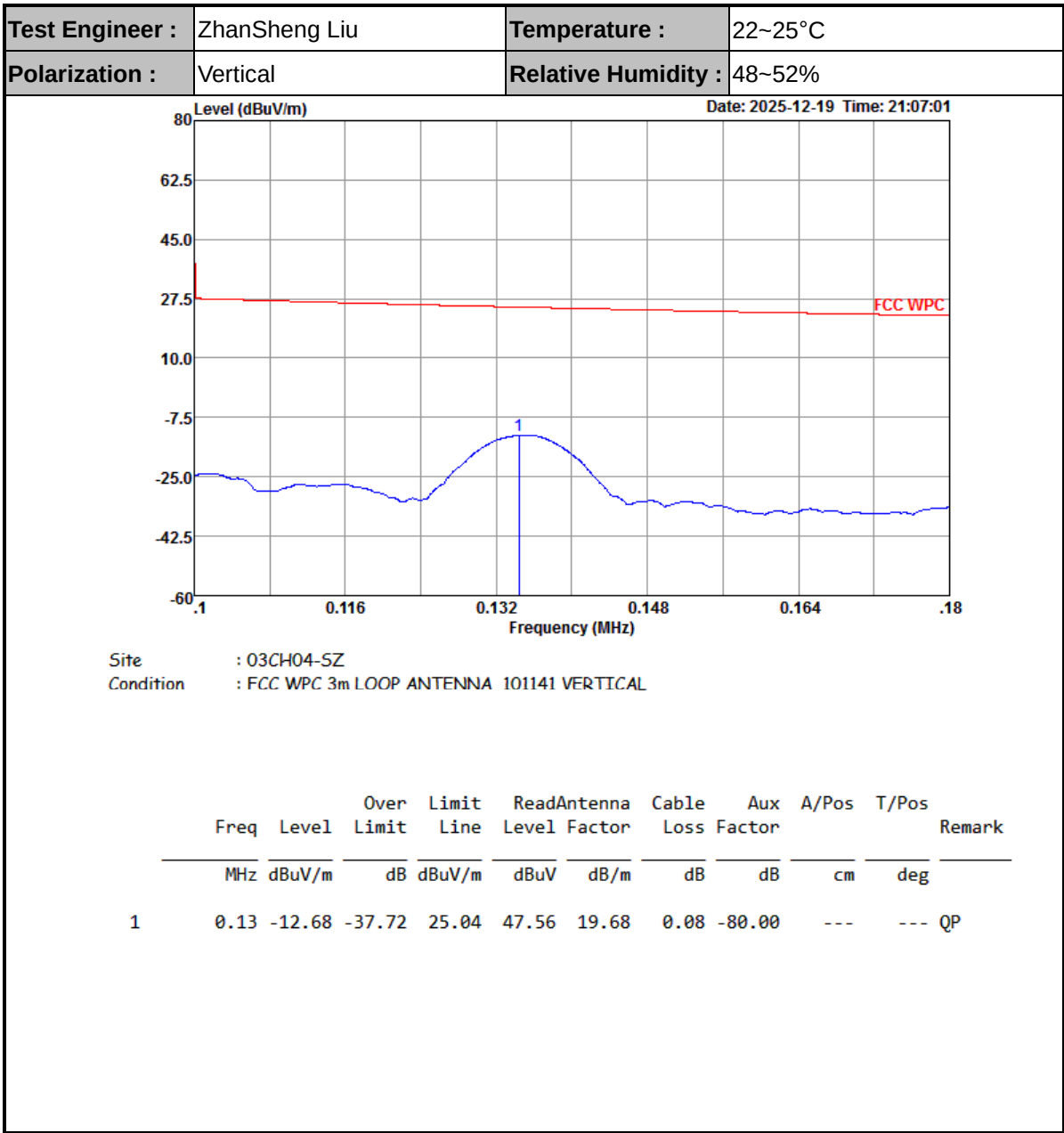
3.2.5 Test Result of Fundamental Emission

Mode 2

Frequency (MHz)	Level (dBuV/m) @3m	Distance Factor (dB)	Corrected level @300m (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Remark	Pol/Phase
0.1344	76.01	80	-3.99	25.04	-29.03	56.25	19.68	0.08	AV	Perpendicular
0.1344	67.32	80	-12.68	25.04	-37.72	47.56	19.68	0.08	AV	Parallel

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



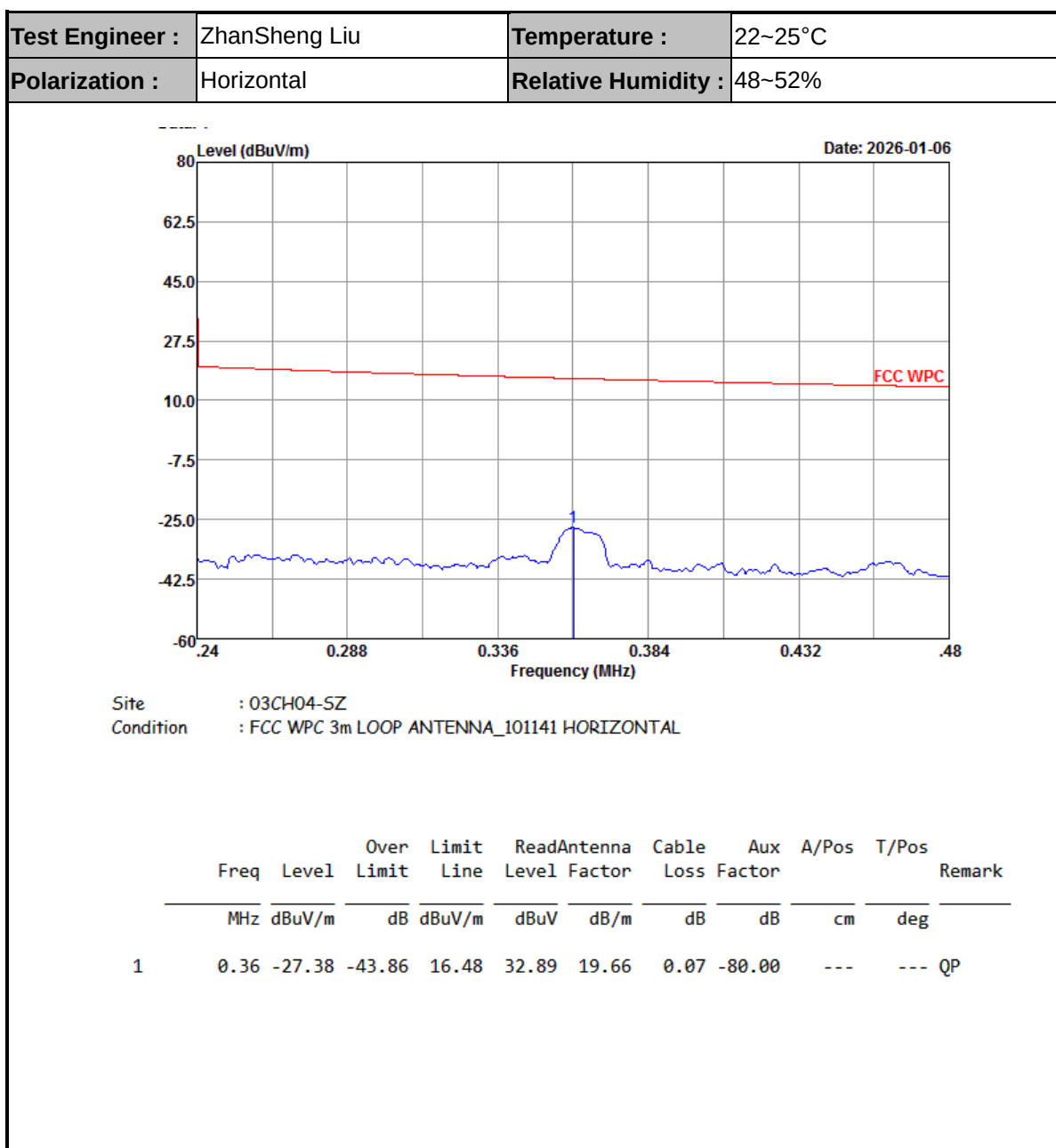


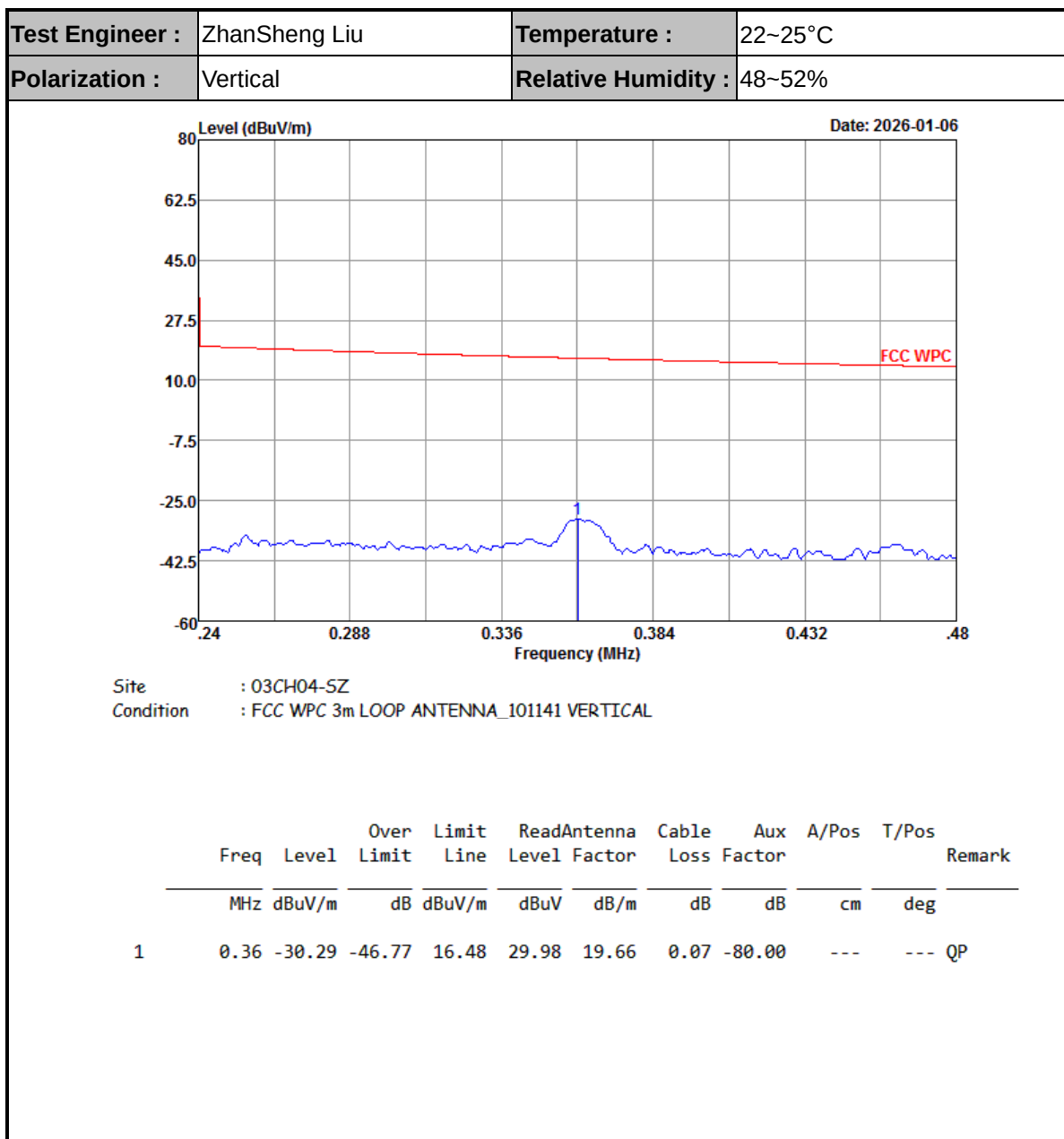


Mode 4

Frequency (MHz)	Level (dBuV/m) @3m	Distance Factor (dB)	Corrected level @300m (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Remark	Pol/Phase
0.36	52.62	80	-27.38	16.48	-43.86	32.89	19.66	0.07	AV	Perpendicular
0.36	49.71	80	-30.29	16.48	-46.77	29.98	19.66	0.07	AV	Parallel

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



**Note:**

1. The field strength is tested at 3m distance then convert to 300m by adding Distance extrapolation factor.
2. Distance extrapolation factor = $40 \log (\text{specific distance} / \text{test distance})$ (dB)
3. $\text{Level(dB}\mu\text{V/m)} = \text{Read Level(dB}\mu\text{V)} + \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} - \text{Aux Factor(distance factor)}$
4. $\text{Over Limit(dB)} = \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$



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

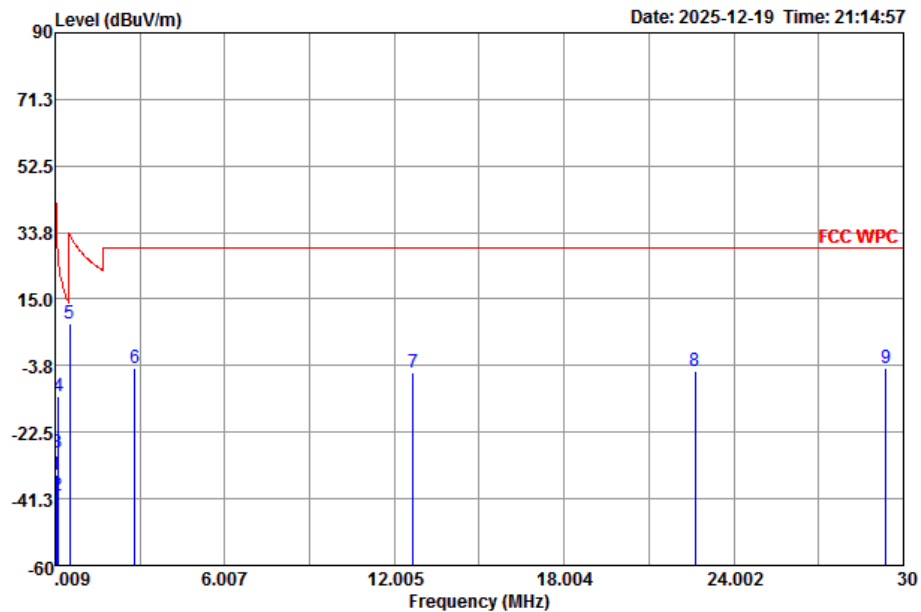
Frequency (MHz)	Level 3m (dBuV/m)	Distance Factor(dB)	Corrected Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Remark	Pol/Phase
0.03838	45.3	80	-34.7	35.92	-70.62	25.6	19.64	0.06	Average	Horizontal
0.07929	39.46	80	-40.54	29.62	-70.16	19.89	19.5	0.07	Average	Horizontal
0.10077	51.82	80	-28.18	27.54	-55.72	32.09	19.66	0.07	QP	Horizontal
0.13509	67.65	80	-12.35	24.99	-37.34	47.9	19.67	0.08	Average	Horizontal
0.51445	48.13	40	8.13	33.38	-25.25	28.32	19.71	0.1	QP	Horizontal
2.834	35.69	40	-4.31	29.54	-33.85	15.49	20.18	0.02	QP	Horizontal
12.656	34.21	40	-5.79	29.54	-35.33	13.49	20.28	0.44	QP	Horizontal
22.624	34.72	40	-5.28	29.54	-34.82	14	20.1	0.62	QP	Horizontal
29.37	35.75	40	-4.25	29.54	-33.79	14.76	20.26	0.73	QP	Horizontal
0.05036	43.15	80	-36.85	33.56	-70.41	23.39	19.7	0.06	Average	Vertical
0.07935	39.07	80	-40.93	29.61	-70.54	19.5	19.5	0.07	Average	Vertical
0.10077	52.28	80	-27.72	27.54	-55.26	32.55	19.66	0.07	QP	Vertical
0.13509	62.77	80	-17.23	24.99	-42.22	43.02	19.67	0.08	Average	Vertical
0.54035	43.64	40	3.64	32.95	-29.31	23.81	19.72	0.11	QP	Vertical
2.75	35.78	40	-4.22	29.54	-33.76	15.59	20.16	0.03	QP	Vertical
14.464	34.33	40	-5.67	29.54	-35.21	13.57	20.3	0.46	QP	Vertical
24.856	36	40	-4	29.54	-33.54	15.11	20.19	0.7	QP	Vertical
26.205	35.7	40	-4.3	29.54	-33.84	14.73	20.26	0.71	QP	Vertical

Note:

1. The field strength is tested at 3m distance then convert to 300m/30m by adding Distance extrapolation factor.
2. Distance extrapolation factor = $40 \log (\text{specific distance} / \text{test distance})$ (dB)
3. $\text{Level(dB}\mu\text{V/m)} = \text{Read Level(dB}\mu\text{V)} + \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} - \text{Aux Factor(distance factor)}$
4. $\text{Over Limit(dB)} = \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$



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

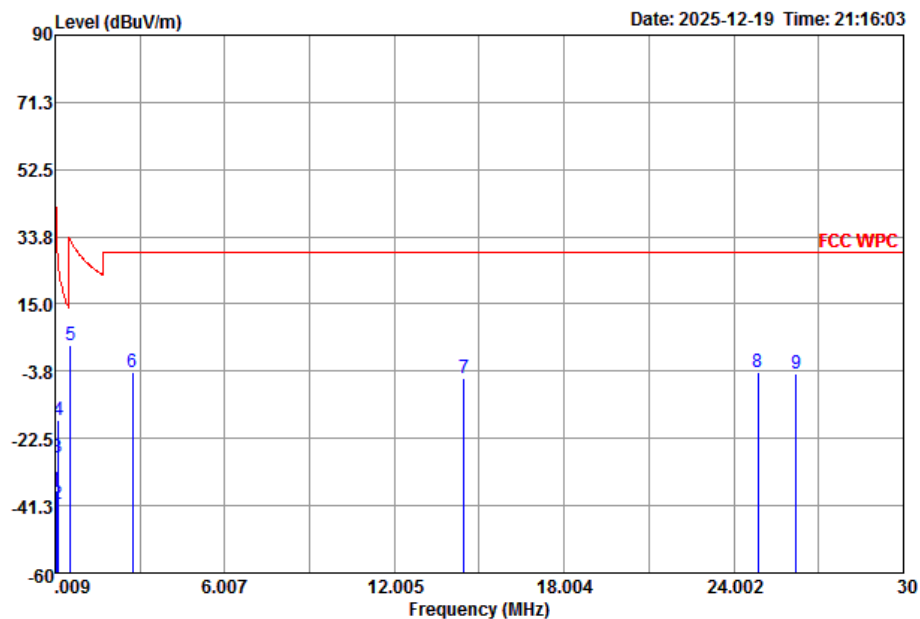


Site : 03CH04-SZ
Condition : FCC WPC 3m LOOP ANTENNA_101141 HORIZONTAL

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Aux Factor	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	0.04	-34.70	-70.62	35.92	25.60	19.64	0.06	-80.00	---	---	Average
2	0.08	-40.54	-70.16	29.62	19.89	19.50	0.07	-80.00	---	---	Average
3	0.10	-28.18	-55.72	27.54	32.09	19.66	0.07	-80.00	---	---	QP
4	0.14	-12.35	-37.34	24.99	47.90	19.67	0.08	-80.00	---	---	Average
5	0.51	8.13	-25.25	33.38	28.32	19.71	0.10	-40.00	---	---	QP
6	2.83	-4.31	-33.85	29.54	15.49	20.18	0.02	-40.00	---	---	QP
7	12.66	-5.79	-35.33	29.54	13.49	20.28	0.44	-40.00	---	---	QP
8	22.62	-5.28	-34.82	29.54	14.00	20.10	0.62	-40.00	---	---	QP
9	29.37	-4.25	-33.79	29.54	14.76	20.26	0.73	-40.00	---	---	QP



Test Engineer :	ZhangXu	Temperature :	22~25°C
Polarization :	Vertical	Relative Humidity :	48~52%

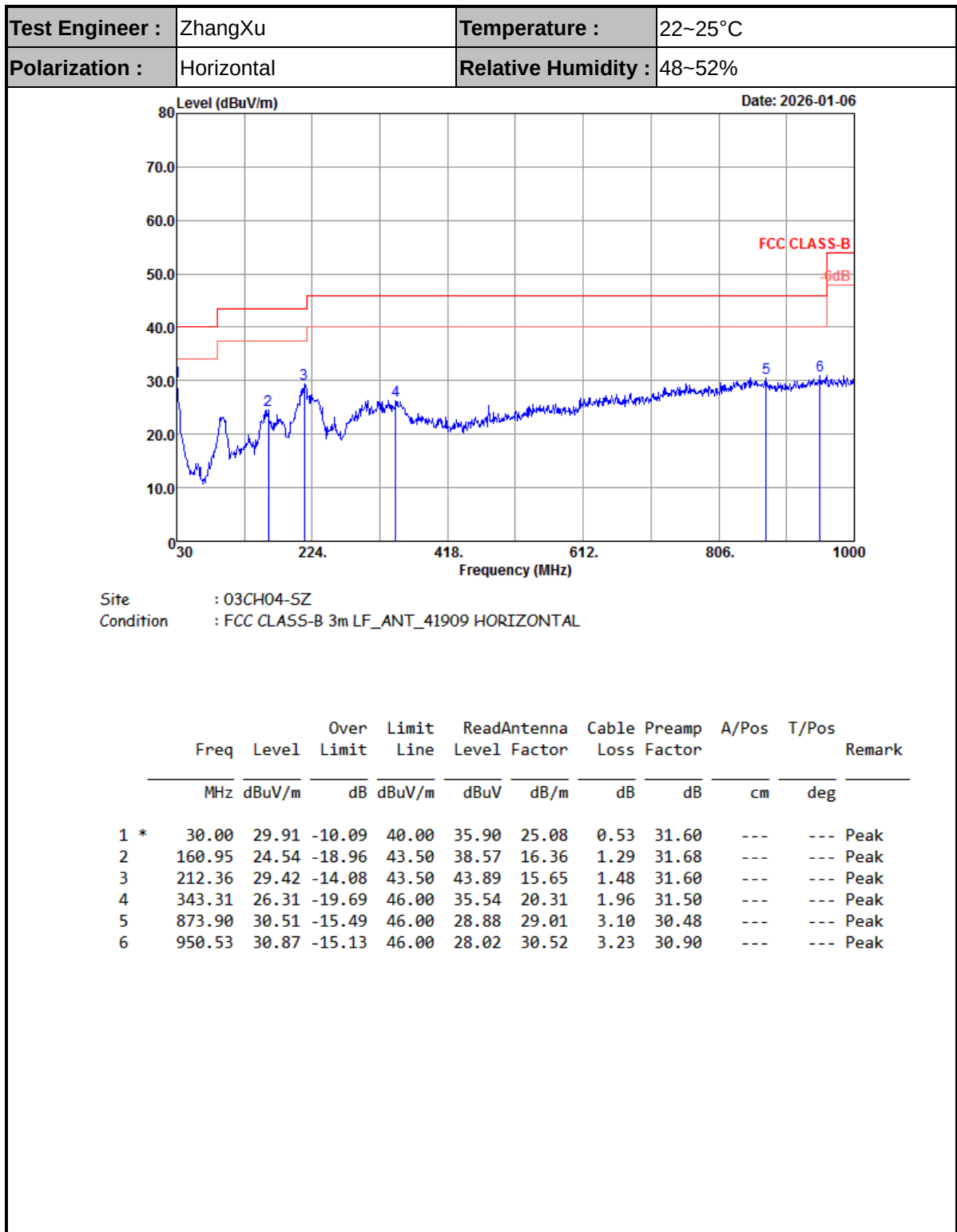


Site : 03CH04-SZ
Condition : FCC WPC 3m LOOP ANTENNA_101141 VERTICAL

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Aux Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	0.05	-36.85	-70.41	33.56	23.39	19.70	0.06	-80.00	---	---	Average
2	0.08	-40.93	-70.54	29.61	19.50	19.50	0.07	-80.00	---	---	Average
3	0.10	-27.72	-55.26	27.54	32.55	19.66	0.07	-80.00	---	---	QP
4	0.14	-17.23	-42.22	24.99	43.02	19.67	0.08	-80.00	---	---	Average
5	0.54	3.64	-29.31	32.95	23.81	19.72	0.11	-40.00	---	---	QP
6	2.75	-4.22	-33.76	29.54	15.59	20.16	0.03	-40.00	---	---	QP
7	14.46	-5.67	-35.21	29.54	13.57	20.30	0.46	-40.00	---	---	QP
8	24.86	-4.00	-33.54	29.54	15.11	20.19	0.70	-40.00	---	---	QP
9	26.21	-4.30	-33.84	29.54	14.73	20.26	0.71	-40.00	---	---	QP

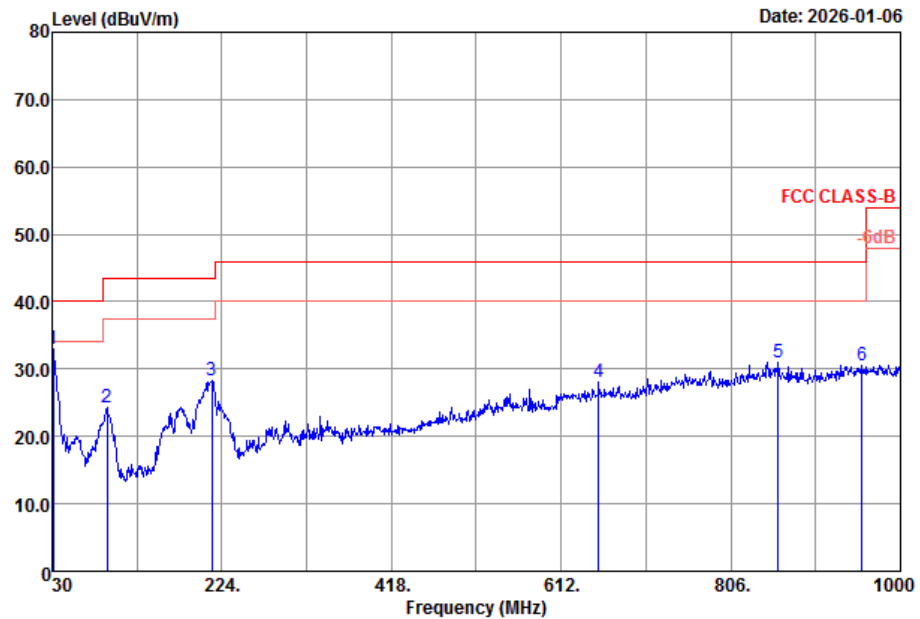


3.2.7 Test Result of Radiated Emission (30MHz ~ 1000MHz)





Test Engineer :	ZhangXu	Temperature :	22~25°C
Polarization :	Vertical	Relative Humidity :	48~52%



Site : 03CH04-SZ
Condition : FCC CLASS-B 3m LF ANT_41909 VERTICAL

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 *	30.97	33.00	-7.00	40.00	39.48	24.58	0.54	31.60	---	---	Peak
2	93.05	24.38	-19.12	43.50	40.12	14.99	0.97	31.70	---	---	Peak
3	212.36	28.39	-15.11	43.50	42.86	15.65	1.48	31.60	---	---	Peak
4	654.68	28.11	-17.89	46.00	30.06	26.58	2.66	31.19	---	---	Peak
5	860.32	31.01	-14.99	46.00	29.18	28.97	3.07	30.21	---	---	Peak
6	956.35	30.54	-15.46	46.00	27.71	30.49	3.24	30.90	---	---	Peak

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 (MHz)	Conducted Limit (dB μ V)	
	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.

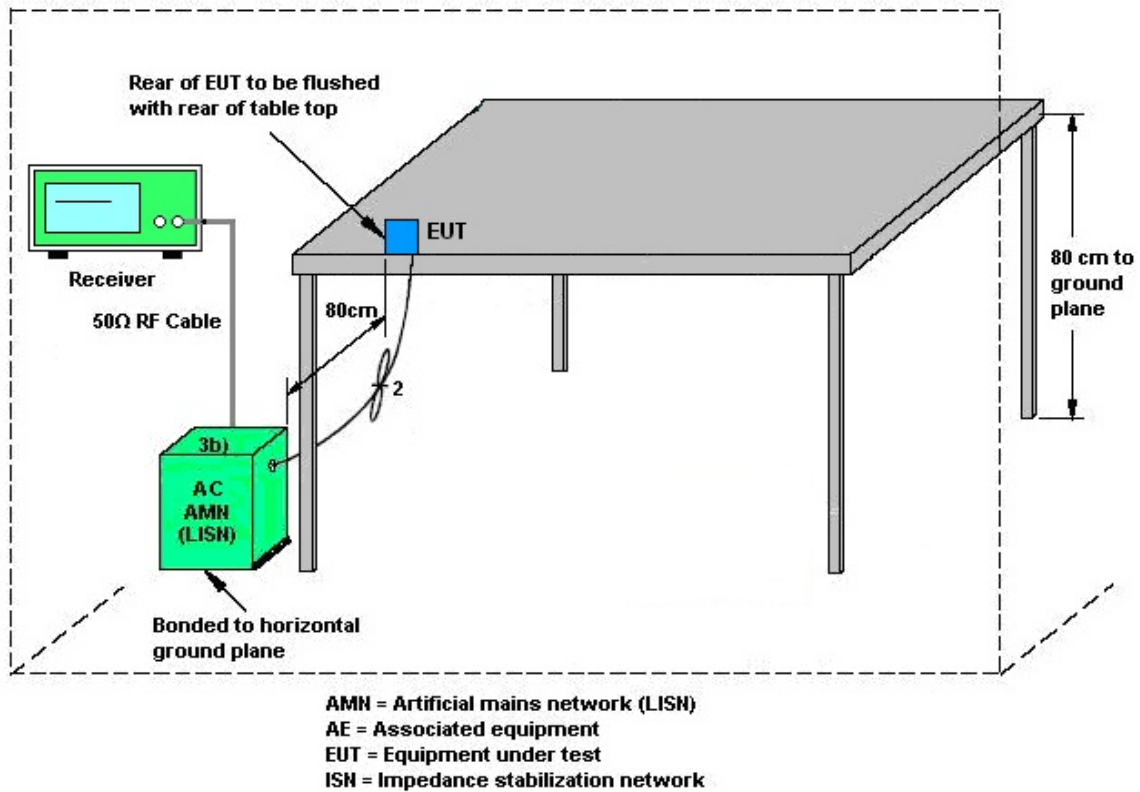
3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedure

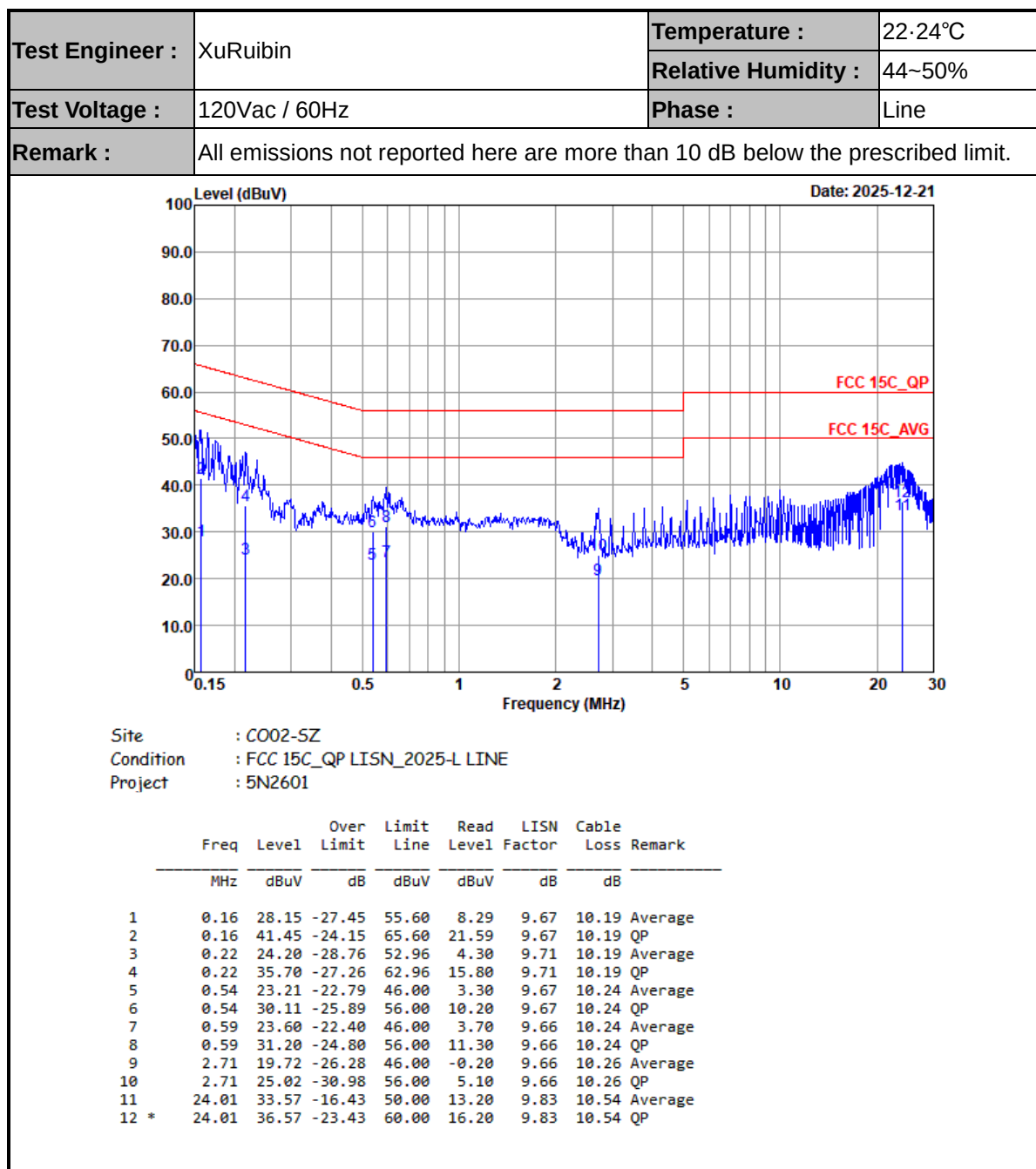
1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
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.

3.3.4 Test Setup



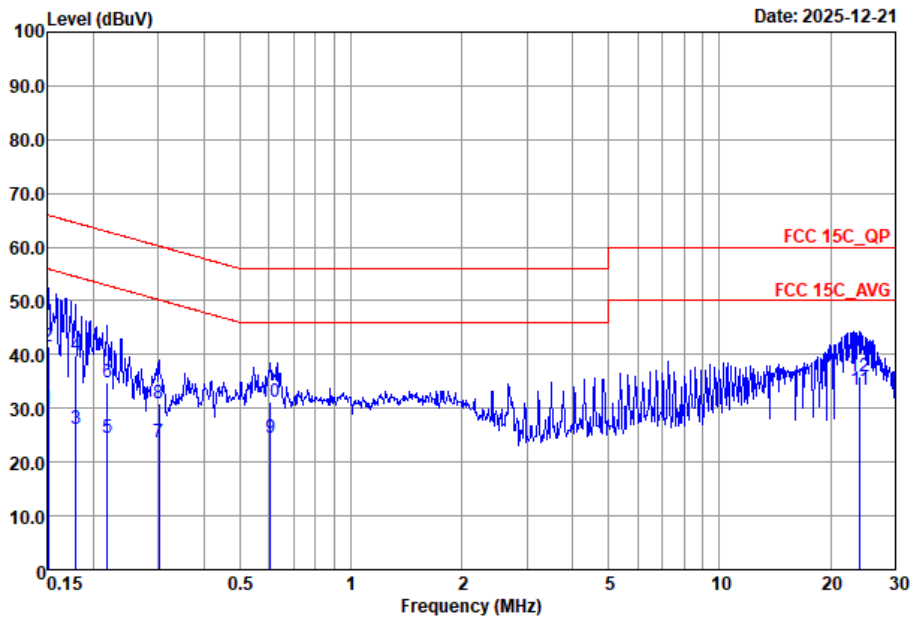


3.3.5 Test Result of AC Conducted Emission





Test Engineer :	XuRuibin	Temperature :	22-24°C
		Relative Humidity :	44~50%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : C002-SZ
Condition : FCC 15C_QP LISN_2025-N NEUTRAL
Project : 5N2601

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	29.74	-26.22	55.96	10.00	9.55	10.19	Average
2	0.15	41.64	-24.32	65.96	21.90	9.55	10.19	QP
3	0.18	26.17	-28.33	54.50	6.20	9.79	10.18	Average
4	0.18	39.97	-24.53	64.50	20.00	9.79	10.18	QP
5	0.22	24.51	-28.37	52.88	4.59	9.73	10.19	Average
6	0.22	34.71	-28.17	62.88	14.79	9.73	10.19	QP
7	0.30	23.69	-26.50	50.19	3.60	9.88	10.21	Average
8	0.30	30.99	-29.20	60.19	10.90	9.88	10.21	QP
9	0.60	24.38	-21.62	46.00	4.50	9.64	10.24	Average
10	0.60	31.28	-24.72	56.00	11.40	9.64	10.24	QP
11	24.01	33.37	-16.63	50.00	12.90	9.93	10.54	Average
12 *	24.01	36.07	-23.93	60.00	15.60	9.93	10.54	QP

Note:

1. $\text{Level(dB}\mu\text{V)} = \text{Read Level(dB}\mu\text{V)} + \text{LISN Factor(dB)} + \text{Cable Loss(dB)}$
2. $\text{Over Limit(dB)} = \text{Level(dB}\mu\text{V)} - \text{Limit Line(dB}\mu\text{V)}$



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.



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	101404	9kHz~7GHz	Oct. 14, 2025	Dec. 19, 2025~ Jan. 06, 2026	Oct. 13, 2026	Radiation (03CH04-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY551502 13	10Hz~44GHz	Jul. 03, 2025	Dec. 19, 2025~ Jan. 06, 2026	Jul. 02, 2026	Radiation (03CH04-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Dec. 19, 2025~ Jan. 06, 2026	Dec. 27, 2025	Radiation (03CH04-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 27, 2025		Dec. 26, 2026	Radiation (03CH04-SZ)
Bilog Antenna	TeseQ	CBL6111D	41909	30MHz~1GHz	Apr. 21, 2025	Dec. 19, 2025~ Jan. 06, 2026	Apr. 20, 2026	Radiation (03CH04-SZ)
LF Amplifier	EM Electronics	EM330	060773	20MHz~3GHz	Apr. 02, 2025	Dec. 19, 2025~ Jan. 06, 2026	Apr. 01, 2026	Radiation (03CH04-SZ)
AC Power Source	APC	AFV-S-600B	F11905001 9	N/A	Oct. 14, 2025	Dec. 19, 2025~ Jan. 06, 2026	Oct. 13, 2026	Radiation (03CH04-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Dec. 19, 2025~ Jan. 06, 2026	NCR	Radiation (03CH04-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Dec. 19, 2025~ Jan. 06, 2026	NCR	Radiation (03CH04-SZ)
EMI Receiver	R&S	ESR7	102297	9kHz~7GHz;	Jul. 02, 2025	Dec. 21, 2025	Jul. 01, 2026	Conduction (CO02-SZ)
AC LISN	R&S	ENV216	101499	9kHz~30MHz	Jul. 03, 2025	Dec. 21, 2025	Jul. 02, 2026	Conduction (CO02-SZ)
AC Power Source	CHROMA	61601	616010002 470	100Vac~250Vac	Dec.25, 2024	Dec. 21, 2025	Dec. 24, 2025	Conduction (CO02-SZ)
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Dec. 24, 2025	Apr. 01, 2026	Conducted (TH01-SZ)

NCR: No Calibration Required



5 Measurement Uncertainty

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Occupied Channel Bandwidth	± 0.012 MHz

Uncertainty of AC Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	2.5dB
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Uncertainty of Radiated Emission Measurement (9 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.1dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.1dB
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