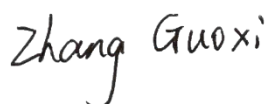


TEST REPORT

Applicant: TCL Communication Ltd.
Address: 5/F, Building 22E, 22 Science Park East Avenue,
Hong Kong SciencePark, Shatin, NT, Hong Kong
Equipment Type: Mobile Hot Spot
Model Name: MW513U
Brand Name: TCL
FCC ID: 2ACCJB183
Test Standard: 47 CFR Part 15 Subpart B
ANSI C63.4-2014
Sample Arrival Date: Jan. 08, 2026
Test Date: Jan. 08, 2026 - Jan. 09, 2026
Date of Issue: Feb. 06, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Zhang Guoxi**Checked by:** Zong Liyao**Approved by:** Tolan Tu
(Testing Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Feb. 06, 2026</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☒ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No. 55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. The certification body is American Association for Laboratory Accreditation (A2LA).

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	TCL Communication Ltd.
Address	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong SciencePark, Shatin, NT, Hong Kong

2.2 Manufacturer Information

Manufacturer	TCL Communication Ltd.
Address	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong SciencePark, Shatin, NT, Hong Kong

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Hot Spot
Model Name Under Test	MW513U
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	V4.0
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Ancillary Equipment

Ancillary Equipment 1	Li-Polymer Battery	
	Brand Name	N/A
	Model No.	TLi044A7
	Serial No.	N/A
	Capacitance	Rated: 4400mAh Typical: 4500mAh
	Rated Voltage	3.85 V
	Limited Voltage	4.4 V
	Manufacturer	Ningbo Veken Battery CO.,Ltd
Ancillary Equipment 2	Power Supply Unit	
	Brand Name	N/A
	Model No.	QC13US
	Serial No.	N/A
	Rated Input	100-240V~ 50/60Hz 0.5A
	Rated Output	5.0VDC 3.0A or 9.0VDC 2.0A or 12.0VDC 1.5A
	Manufacturer	HUIZHOU PUAN ELECTRONICS CO.,

		LTD
Ancillary Equipment 3	USB Cable	
	Model No.	N/A
	Length (Approx.)	0.8 m

2.5 Technical Information

Network and Wireless connectivity	4G Network LTE FDD Band 1/2/3/4/5/7/12/13/20/28/46/66 LTE TDD Band 48 LTE CA Frequency Band: CA_2A-2A, CA_2A-4A, CA_2A-5A, CA_2A-13A, CA_2A-46A, CA_2A-48A, CA_2A-66A, CA_4A-4A, CA_4A-5A, CA_4A-13A, CA_4A-46A, CA_4A-48A, CA_5A-5A, CA_5A-46A, CA_5A-48A, CA_5A-66A, CA_5B, CA_13A-46A, CA_13A-48A, CA_13A-66A, CA_46A-66A, CA_48A-66A, CA_48C, CA_66A-66A, CA_66B, CA_66C, CA_2A-2A-4A, CA_2A-2A-5A, CA_2A-2A-13A, CA_2A-2A-66A, CA_2A-4A-4A, CA_2A-4A-5A, CA_2A-4A-13A, CA_2A-5A-46A, CA_2A-5A-48A, CA_2A-5A-66A, CA_2A-5B, CA_2A-13A-46A, CA_2A-13A-48A, CA_2A-13A-66A, CA_2A-46A-46A, CA_2A-46A-66A, CA_2A-46C, CA_2A-48A-48A, CA_2A-48A-66A, CA_2A-48C, CA_2A-66A-66A, CA_2A-66B, CA_2A-66C, CA_4A-4A-5A, CA_4A-4A-13A, CA_4A-5B, CA_4A-46A-46A, CA_4A-46C, CA_4A-48C, CA_5A-5A-66A, CA_5A-46A-66A, CA_5A-46C, CA_5A-48A-66A, CA_5A-66A-66A, CA_5A-66B, CA_5A-66C, CA_5B-46A, CA_5B-66A, CA_13A-46A-66A, CA_13A-46C, CA_13A-48A-48A, CA_13A-48A-66A, CA_13A-48C, CA_13A-66A-66A, CA_13A-66B, CA_13A-66C, CA_46A-46A-66A, CA_46C-66A, CA_48A-48A-66A, CA_48A-66A-66A, CA_48A-66B, CA_48A-66C, CA_48C-66A, CA_48D, CA_66A-66A-66A, CA_66A-66C, CA_2A-2A-4A-4A, CA_2A-2A-4A-5A, CA_2A-2A-5A-66A, CA_2A-2A-13A-66A, CA_2A-2A-46C, CA_2A-2A-66A-66A, CA_2A-2A-66B, CA_2A-2A-66C, CA_2A-4A-4A-5A, CA_2A-4A-5B, CA_2A-5A-46C, CA_2A-5A-66A-66A, CA_2A-5A-66B, CA_2A-5A-66C, CA_2A-5B-66A, CA_2A-13A-46C, CA_2A-13A-48C, CA_2A-13A-66A-66A, CA_2A-13A-66B, CA_2A-13A-66C, CA_2A-46A-46C, CA_2A-46C-66A, CA_2A-46D, CA_2A-48A-48C, CA_2A-48C-66A, CA_2A-48D, CA_2A-48D-66A, CA_2A-66A-66A-66A, CA_4A-4A-5B, CA_4A-46A-46C, CA_4A-46D, CA_4A-48D, CA_5A-5A-66A-66A, CA_5A-5A-66B, CA_5A-5A-66C, CA_5A-46C-66A, CA_5A-46D, CA_5A-48D, CA_5B-46C, CA_5B-66A-66A, CA_5B-66B, CA_5B-66C, CA_13A-46C-66A, CA_13A-46D, CA_13A-48A-48C, CA_13A-48A-66B, CA_13A-48A-66C, CA_13A-48C-66A, CA_13A-48D, CA_46A-46C-66A, CA_46D-66A, CA_48A-48A-66A-66A, CA_48A-48A-66B, CA_48A-48A-66C, CA_48A-48C-66A, CA_48C-66A-66A, CA_48C-66B, CA_48C-66C, CA_48D-66A, CA_48E, CA_2A-2A-5A-66A-66A,
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--	--

	DC_48A_n261G, DC_66A_n261G NR-DC Frequency Band: DC_n2A_n260A, DC_n2A_n260G, DC_n2A-n261A, DC_n2A-n261G, DC_n5A-n260A, DC_n5A-n260G, DC_n5A_n261A, DC_n5A_n261G, DC_n66A-n260A, DC_n66A- n260G, DC_n66A_n261A, DC_n66A_n261G, DC_n48A-n260A, DC_n48A-n260G, DC_n48A_n261A, DC_n48A_n261G, DC_n77A- n260A, DC_n77A-n260G, DC_n77A_n261A, DC_n77A_n261G NR CA Frequency Band: CA_n2(2A), CA_n2A-n5A, CA_n2A-n66A, CA_n5(2A), CA_n5A-n66A, CA_n5B, CA_n66(2A), CA_n66B, CA_n48(2A), CA_n48B, CA_n48C, CA_n77C, CA_n2A-n48A, CA_n2A-n77A, CA_n5A-n48A, CA_n5A-n77A, CA_n48A-n66A, CA_n66A-n77A WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40), 802.11ac(VHT20/40/80/160), 802.11ax(HE20/40/80/160)
Classification of equipment	Class B
The highest internal frequency of EUT	5850 MHz

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart B	Unintentional Radiators
2	ANSI C63.4-2014	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz

3.2 Verdict

No.	Description	FCC Rule	Test Verdict	Remark
1	Radiated Emission	15.109	Pass	--
2	Conducted Emission, AC Ports	15.107	Pass	--

Note :

Compared with the EUT of test report I22Z60940-EMC01, the changes of the EUT of this report as below:

1. Replace the following components

Reference locaiton	Quantity	Component Name	Difference
U2101	1	Memory	Different Brand Name Different model name
U7101	1	Proximity Sensor	Same brand Different model name
U4401	1	RF switch	Same brand, same series
U4402, U4601	2	RF switch	Same brand, same series
L3201, L3202, L3203, L3204, L3205, L3206, L3207	7	Power Inductor	Different Brand Name
FL4405, FL4604	2	SAW Filter	Same brand, same series
U1101	1	Proximity Sensor	Same brand Different model Name

2. The specifications of the replaced components remain unchanged and do not affect the RF performance.

3. No change of schematic and PCB Layout.

4. No change in radio parameters has occurred.

Other hardware circuit and software are the same as EUT referred in test report I22Z60940-EMC01.

Therefore, all the test items were retested in this report.

3.3 Test Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Measurement	Value
Conducted emissions (9 kHz-150 KHz)	3.36 dB
Conducted emissions (150 kHz-30 MHz)	2.92 dB
Radiated emissions (30 MHz-1 GHz)	4.24 dB
Radiated emissions (30 MHz-6 GHz)	5.10 dB
Radiated emissions (6 GHz-18 GHz)	5.30 dB

4 GENERAL TEST CONFIGURATIONS

4.1 Test Enclosure List

Description	Manufacturer	Model	Serial No.	Length	Description	Use
Laptop	Lenovo	N/A	N/A	N/A	N/A	☒
RJ45 Cable	N/A	N/A	N/A	1m	N/A	☒
Wireless Communications Test Set	R&S	CMW500	121551	N/A	Cal. Due 2026.03.21	☒
5G Comprehensive Tester	Keysight	E7515B	N/A	N/A	Cal. Due 2026.07.14	☒

4.2 Test Configurations

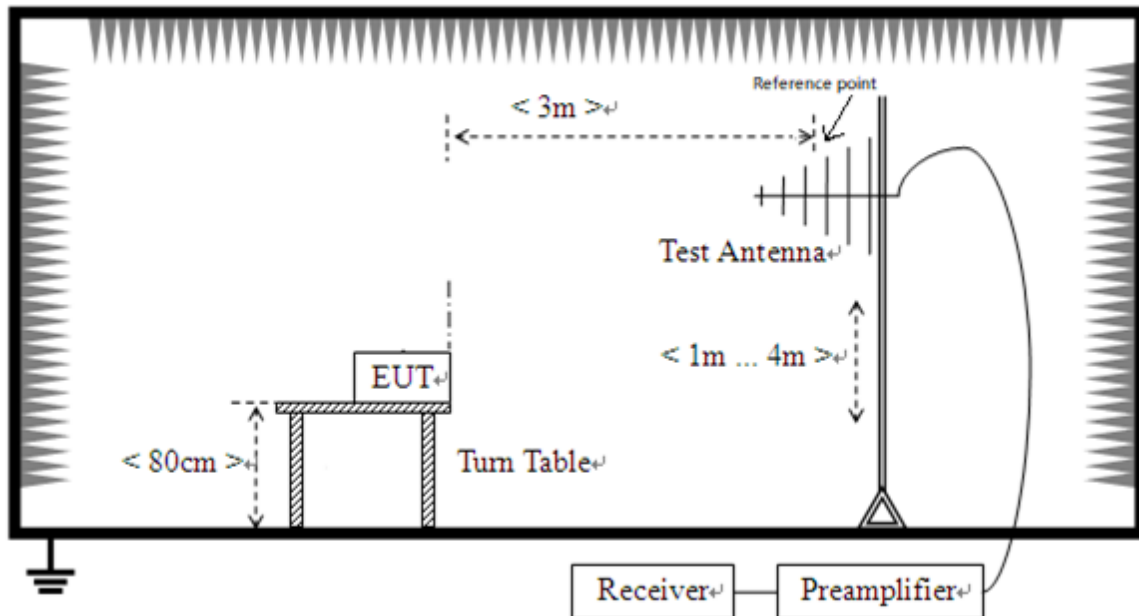
All test modes of EUT are listed in the table below.

Test Mode Configuration	Description
Mode 1	<u>The LTE B5 idle Test Mode</u> EUT + Adapter + USB Cable + Battery + LTE B5 idle
Mode 2	<u>The LTE B12 idle Test Mode</u> EUT + Adapter + USB Cable + Battery + LTE B12 idle
Mode 3	<u>The LTE B13 idle Test Mode</u> EUT + Adapter + USB Cable + Battery + LTE B13 idle
Mode 4	<u>The SA_n5 idle Test Mode</u> EUT + Adapter + USB Cable + Battery + SA_n5 idle
Mode 5	<u>The Working Test Mode</u> EUT + USB Cable + Battery + Laptop + RJ45 Cable
Mode 6	<u>The Working Test Mode</u> EUT + Adapter + USB Cable + Battery + Laptop + RJ45 Cable

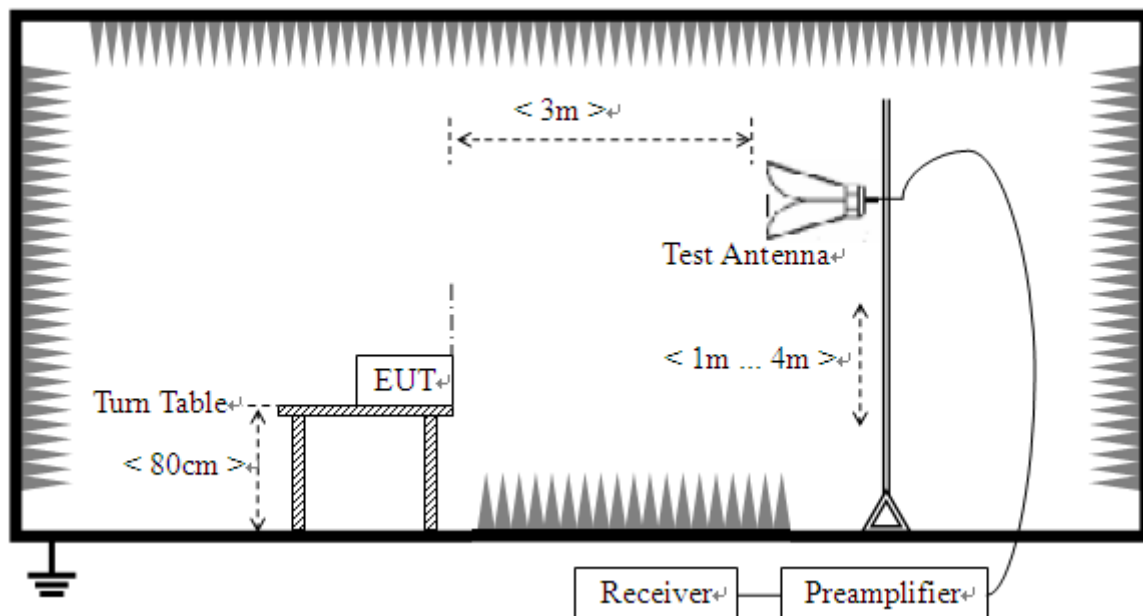
Test Case	Test Mode Configuration	Worst Mode
Radiated Emission	Mode 1~Mode 6	6
Conducted Emission, AC Ports	Mode 1~Mode 6	6
Note: All operation modes were tested, but only test data of the worst mode was presented in this report.		

4.3 Test Setups

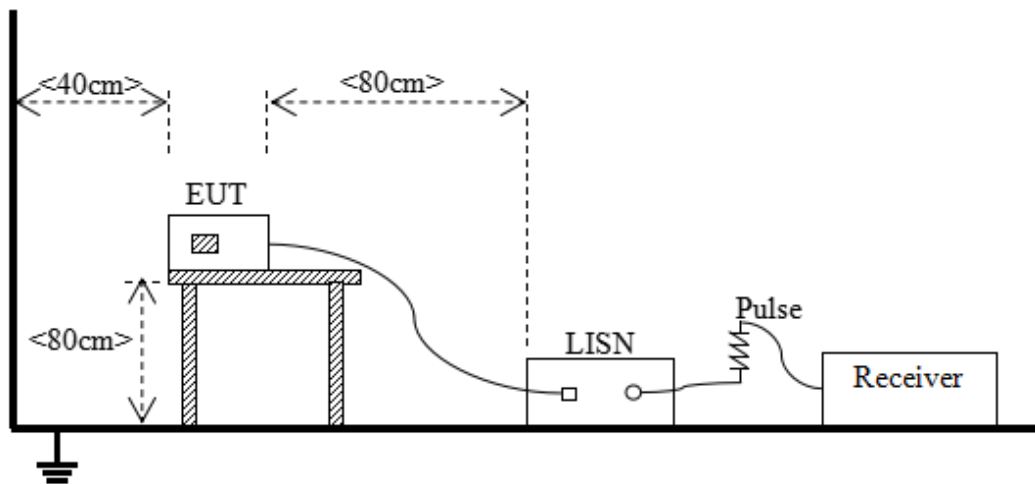
Test Setup 1



Radiated Emission (30 MHz-1 GHz)



Radiated Emission (above 1 GHz)

Test Setup 2

Conducted Emissions, AC Ports

5 TEST ITEMS

5.1 Emission Tests

5.1.1 Radiated Emission

5.1.1.1 Limit

Frequency range (MHz)	Class B (at 3 m)		Class A (at 3 m)
	Field Strength ($\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)
30 - 88	100	40	49.5
88 - 216	150	43.5	54
216 - 960	200	46	56.9
Above 960	500	54	60

NOTE:

- 1) Field Strength (dB $\mu\text{V/m}$) = $20 \cdot \log [\text{Field Strength } (\mu\text{V/m})]$.
- 2) In the emission tables above, the tighter limit applies at the band edges.
- 3) For 30 MHz to 1000 MHz, the CISPR quasi-peak is employed.

For above 1000 MHz, according to the requirements of FCC 15.35, unless otherwise specified, the limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test.

Frequency range (GHz)	Class B (at 3 m)			Class A (at 3 m)	
	Field Strength ($\mu\text{V/m}$)	Field Strength Average (dB $\mu\text{V/m}$)	Field Strength Peak (dB $\mu\text{V/m}$)	Field Strength Average (dB $\mu\text{V/m}$)	Field Strength Peak (dB $\mu\text{V/m}$)
1 - F_M	500	54	74	60	80

Note 1: The highest measurement frequency, F_M , in GHz, shall be determined as next Table.

Note 2: Average Class A limit at 3m L_{3m} is determined by the following conversion formula:

$$L_{3m} = L_{10m} + 20 \cdot \log(d_{10m}/d_{3m})$$
Where:
 L_{3m} is Average Class A limit at 3m;
 L_{10m} is Average Class A limit at 10m;
 d_{10m} is Measurement distance in 10m;
 d_{3m} is Measurement distance in 3m.
For this case: $L_{3m} = 49.5 + 20 \cdot \log(10/3) = 60$ (dB $\mu\text{V/m}$).

Highest internal frequency (F_X)	Highest measurement frequency (F_M)
$F_X \leq 108 \text{ MHz}$	1 GHz
$108 \text{ MHz} \leq F_X \leq 500 \text{ MHz}$	2 GHz
$500 \text{ MHz} \leq F_X \leq 1 \text{ GHz}$	5 GHz
$F_X \geq 1 \text{ GHz}$	$5 * F_X$ or 40 GHz, whichever is lower.
Note: F_X is Highest frequency generated or used in the device or on which the device operates or tunes.	

5.1.1.2 Test Setup

Refer to 4.3 section (test setup 1) for radiated emission test, the photo of test setup please refer to ANNEX B.

5.1.1.3 Test Procedure

All Radiated Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

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

The measurement frequency range is from 30 MHz to the 5th harmonic of the maximum frequency of the EUT internal source. The Turn Table is actuated to turn from 0° to 360° , and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1 \text{ GHz}$, 100 kHz for $f < 1 \text{ GHz}$

VBW $\geq$ RBW

Sweep = auto

Detector function = peak for $f < 1 \text{ GHz}$, peak & RMS Average for $f \geq 1 \text{ GHz}$

Trace = max hold

5.1.1.4 Test Result and Test Equipment List

Please refer to ANNEX A.1.

NOTE:

1. Results (dB μ V/m) = Reading (dB μ V) + Factor (dB/m)

The reading level is calculated by software which is not shown in the sheet

2. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Amplifier Gain (dB)

3. Margin = Limit - Results

5.1.2 Conducted Emission, AC Ports

5.1.2.1 Test Limit

Frequency range (MHz)	Class A	
	Quasi-peak (dB μ V)	Average (dB μ V)
0.15 - 0.50	79	66
0.50 - 30	73	60

Frequency range (MHz)	Class B	
	Quasi-peak (dB μ V)	Average (dB μ V)
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

NOTE:

- 1) The lower limit shall apply at the band edges.
- 2) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50 MHz.

5.1.2.2 Test Setup

Refer to 4.3 section test (test setup 2) for conducted emission, the photo of test setup please refer to ANNEX B.

5.1.2.3 Test Procedure

The EUT is connected to the power mains through a LISN which provides 50 Ω /50 μ H of coupling impedance for the measuring instrument. The test frequency range is from 150 kHz to 30 MHz. The maximum conducted interference is searched using Peak (PK), Quasi-peak (QP) and Average (AV) detectors; the emission levels that are more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed.

Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

Use the following spectrum analyzer settings:

RBW = 9 kHz

VBW $\geq$ RBW

Sweep = 10ms

Detector function = peak & Average

Trace = max hold

5.1.2.4 Test Result and Test Equipment List

Please refer to ANNEX A.2.

NOTE:

1. Results (dB μ V) = Reading (dB μ V) + Factor (dB)

The reading level is calculated by software which is not shown in the sheet

2. Factor = Insertion loss + Cable loss

3. Margin = Limit - Results

ANNEX A TEST RESULTS

A.1 Radiated Emission

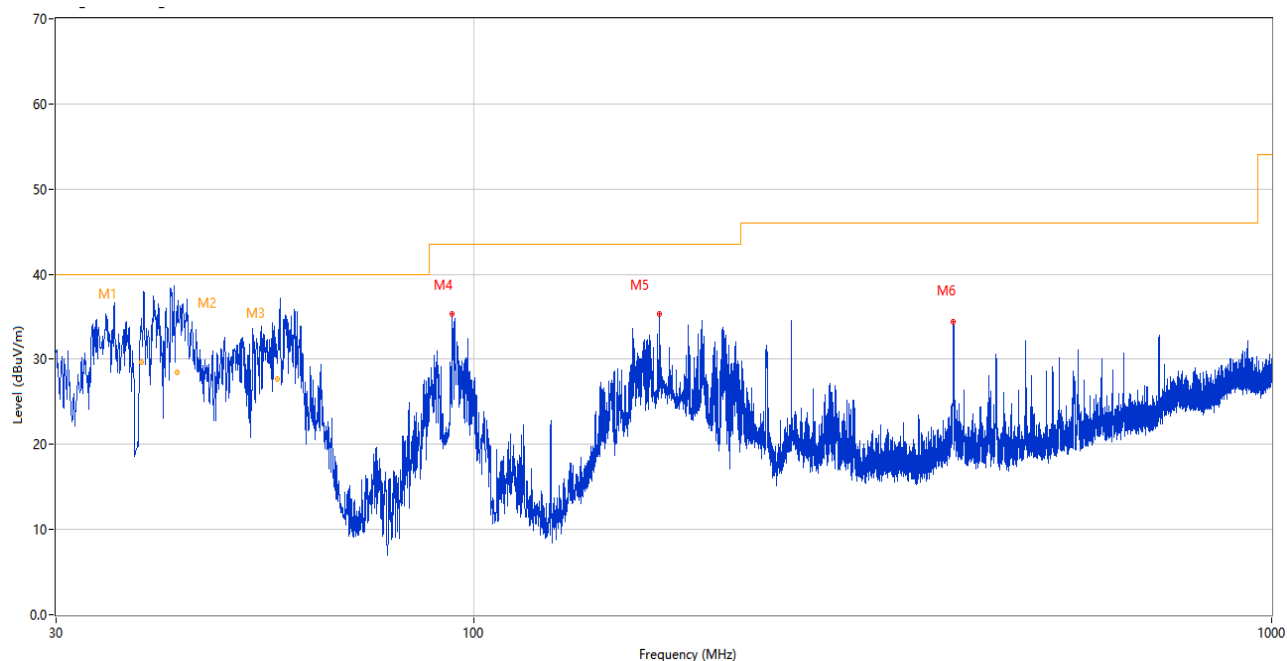
Note 1: The symbol of “--” in the table which means not application.

Note 2: For the test data above 1 GHz, according the ANSI C63.4-2014, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Sample No.	S04	Temperature	25.1℃
Humidity	33%RH	Pressure	101kPa
Test Engineer	Tang Xuming	Test Date	2026.01.09

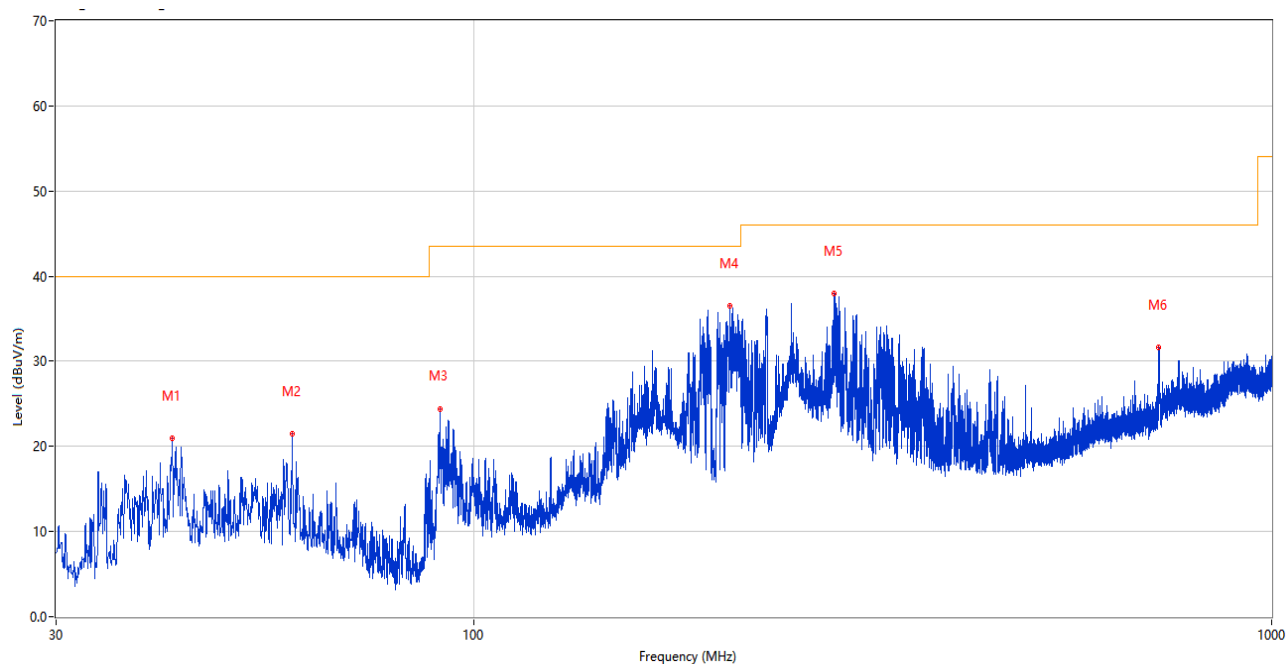
Test Mode 3

1) Test Antenna Vertical, 30 MHz – 1 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.324	39.24	-26.44	40.0	0.76	Peak	360.00	101	Vertical	N/A
1*	38.324	29.62	-26.44	40.0	10.38	QP	360.00	101	Vertical	Pass
2	42.523	40.79	-26.68	40.0	-0.79	Peak	311.00	118	Vertical	N/A
2*	42.523	28.51	-26.68	40.0	11.49	QP	311.00	118	Vertical	Pass
3	56.766	36.87	-26.13	40.0	3.13	Peak	73.00	101	Vertical	N/A
3*	56.766	27.65	-26.13	40.0	12.35	QP	73.00	101	Vertical	Pass
4	94.068	35.37	-26.95	43.5	8.13	Peak	299.00	100	Vertical	Pass
5	171.086	35.29	-28.27	43.5	8.21	Peak	282.00	100	Vertical	Pass
6	398.794	34.45	-20.72	46.0	11.55	Peak	186.00	100	Vertical	Pass

2) Test Antenna Horizontal, 30 MHz – 1 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	41.931	20.91	-26.88	40.0	19.09	Peak	234.00	100	Horizontal	Pass
2	59.294	21.48	-26.05	40.0	18.52	Peak	5.00	100	Horizontal	Pass
3	90.819	24.35	-28.03	43.5	19.15	Peak	182.00	100	Horizontal	Pass
4	209.450	36.57	-26.56	43.5	6.93	Peak	165.00	100	Horizontal	Pass
5	282.976	37.92	-23.66	46.0	8.08	Peak	187.00	100	Horizontal	Pass
6	722.532	31.62	-13.36	46.0	14.38	Peak	78.00	100	Horizontal	Pass

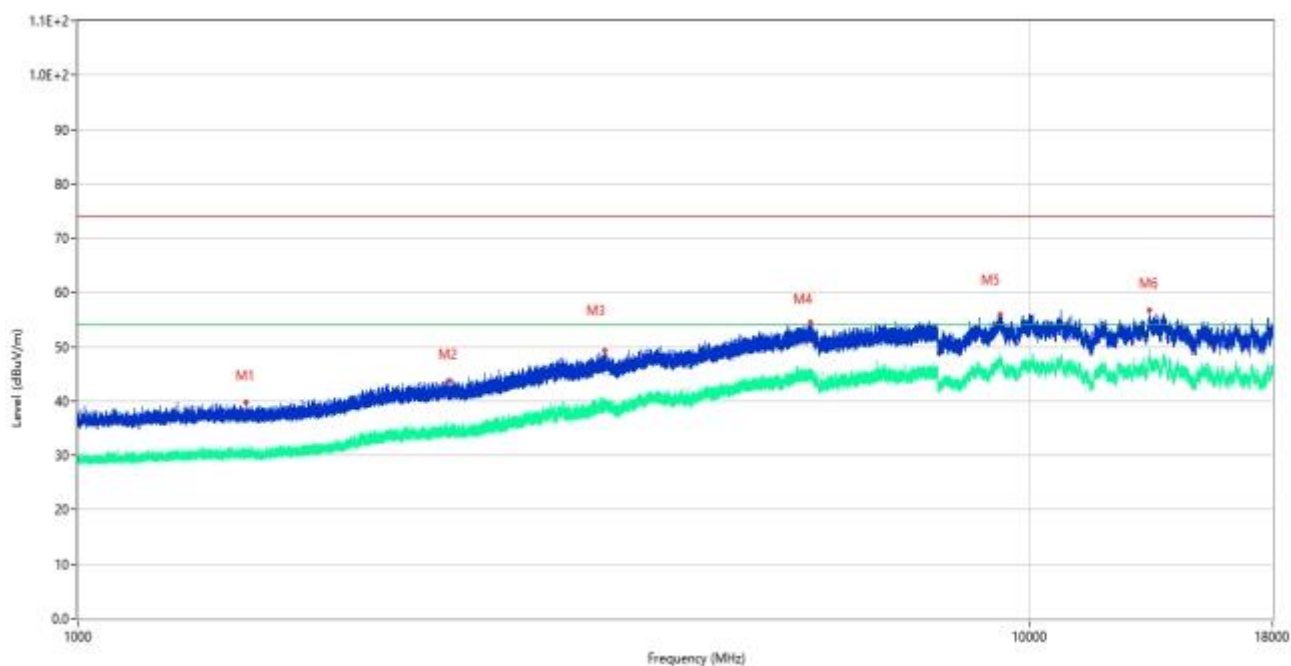
Equipment Information						
Equipment Name	Supplier	Model	Serial No.	Cal. Date	Cal. Due	Use
Frequency Below 1 GHz						
EMI Receiver	Keysight	N9038A	MY55330121	2025.04.16	2026.04.15	☒
Test Antenna- Bi-Log	SCHWARZB ECK	VULB 9163	01414	2023.11.03	2026.11.02	☒
Anechoic Chamber	EMC Electronic Co., Ltd	C8-966	107	2024.05.12	2027.05.11	☒
Description	Supplier	Name	Version	/		Use
Test Software	BALUN	BL410-E	V22.4 en	/		☒

3) Test Antenna Vertical, 1 GHz – 18 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1310.960	39.76	-15.29	74.0	34.24	Peak	208.00	100	Vertical	Pass
1**	1310.960	30.76	-15.29	54.0	23.24	AV	208.00	100	Vertical	Pass
2	2473.290	44.55	-10.24	74.0	29.45	Peak	19.00	100	Vertical	Pass
2**	2473.290	33.87	-10.24	54.0	20.13	AV	19.00	100	Vertical	Pass
3	4065.300	50.37	-0.99	74.0	23.63	Peak	250.00	100	Vertical	Pass
3**	4065.300	40.93	-0.99	54.0	13.07	AV	250.00	100	Vertical	Pass
4	5847.960	54.76	2.79	74.0	19.24	Peak	87.00	100	Vertical	Pass
4**	5847.960	44.17	2.79	54.0	9.83	AV	87.00	100	Vertical	Pass
5	10063.500	55.99	5.01	74.0	18.01	Peak	178.00	100	Vertical	Pass
5**	10063.500	47.09	5.01	54.0	6.91	AV	178.00	100	Vertical	Pass
6	13802.500	56.96	5.74	74.0	17.04	Peak	178.00	100	Vertical	Pass
6**	13802.500	48.71	5.74	54.0	5.29	AV	178.00	100	Vertical	Pass

Test Antenna Horizontal, 1 GHz – 18 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.370	39.70	-15.39	74.0	34.30	Peak	1.00	100	Horizontal	Pass
1**	1500.370	29.81	-15.39	54.0	24.19	AV	1.00	100	Horizontal	Pass
2	2451.710	43.74	-11.10	74.0	30.26	Peak	162.00	100	Horizontal	Pass
2**	2451.710	34.12	-11.10	54.0	19.88	AV	162.00	100	Horizontal	Pass
3	3574.910	49.25	-3.72	74.0	24.75	Peak	266.00	100	Horizontal	Pass
3**	3574.910	38.66	-3.72	54.0	15.34	AV	266.00	100	Horizontal	Pass
4	5877.660	54.48	3.15	74.0	19.52	Peak	27.00	100	Horizontal	Pass
4**	5877.660	45.39	3.15	54.0	8.61	AV	27.00	100	Horizontal	Pass
5	9312.000	55.92	4.70	74.0	18.08	Peak	135.00	100	Horizontal	Pass
5**	9312.000	46.83	4.70	54.0	7.17	AV	135.00	100	Horizontal	Pass
6	13356.000	56.82	5.22	74.0	17.18	Peak	160.00	100	Horizontal	Pass
6**	13356.000	48.73	5.22	54.0	5.27	AV	160.00	100	Horizontal	Pass

Equipment Information						
Equipment Name	Supplier	Model	Serial No.	Cal. Date	Cal. Due	Use
Frequency Above 1 GHz						
EMI Receiver	Keysight	N9038A	MY55330121	2025.04.16	2026.04.15	☒
Test Antenna-Horn	SCHWARZB ECK	BBHA 9120D	02459	2023.10.26	2026.10.25	☒
Anechoic Chamber	EMC Electronic Co., Ltd	C8-966	107	2024.05.12	2027.05.11	☒
Description	Supplier	Name	Version	/		Use
Test Software	BALUN	BL410-E	V22.4 en	/		☒

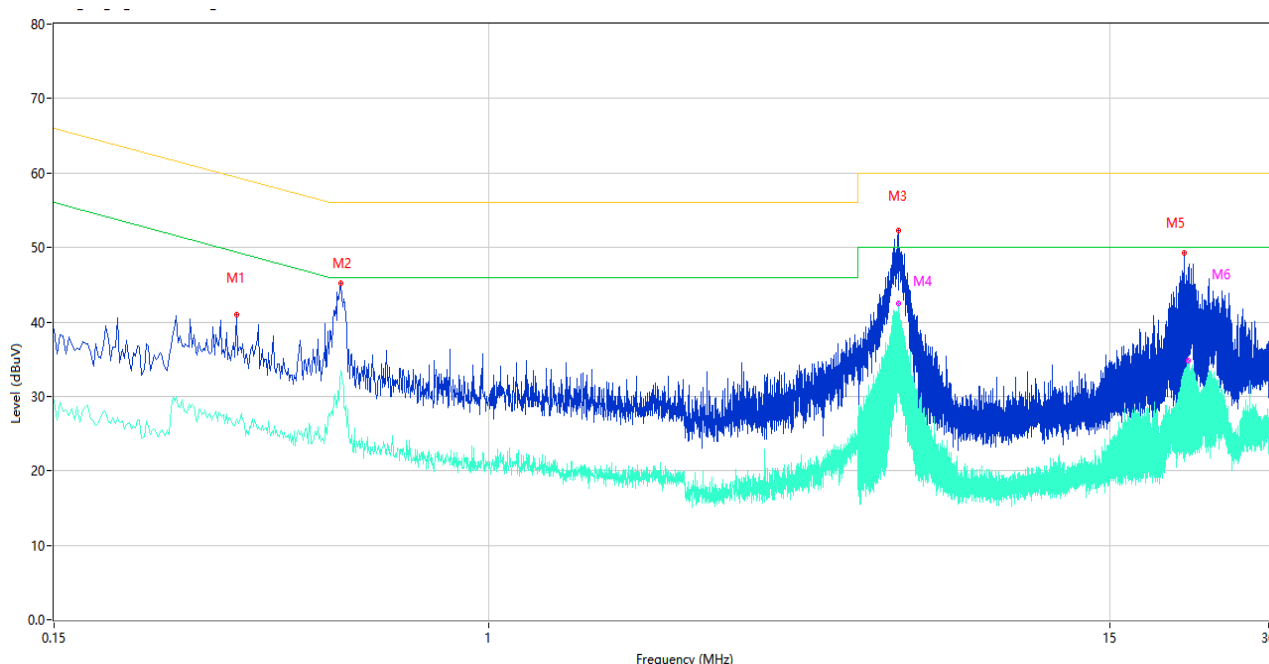
A.2 Conducted Emission, AC Ports

Note: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Sample No.	S04	Temperature	25.1℃
Humidity	33%RH	Pressure	101kPa
Test Engineer	Hua Bin	Test Date	2026.01.08

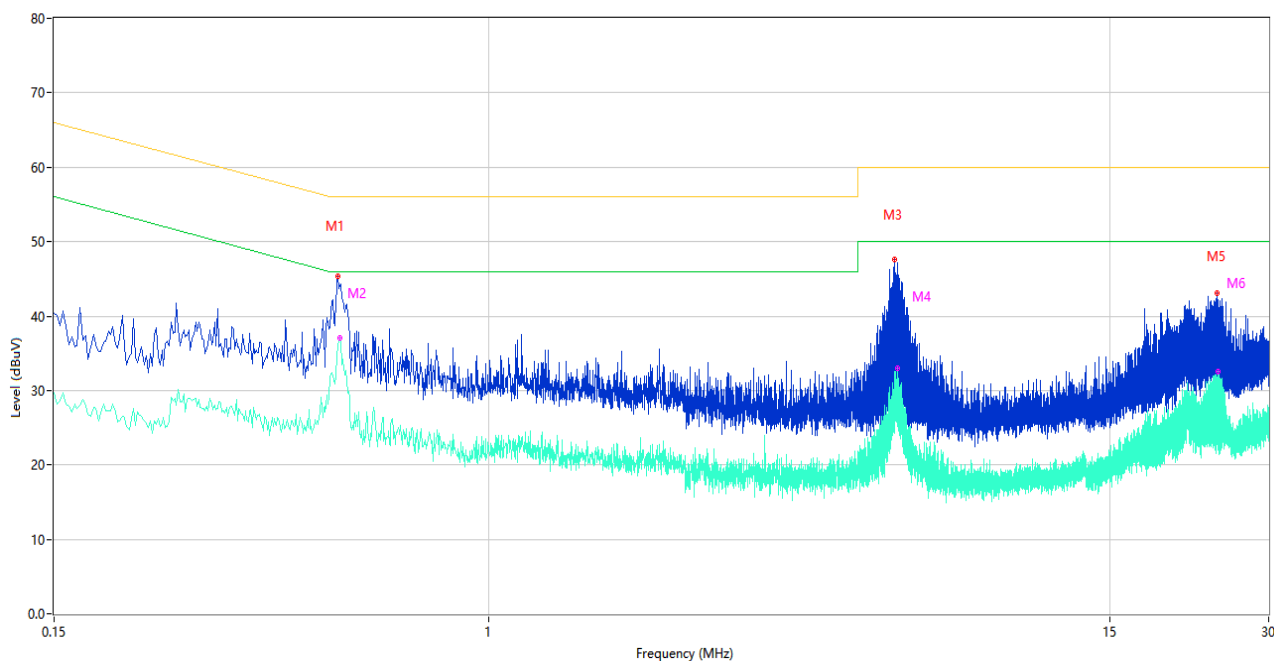
Test Mode 3

1) AC Ports - L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.332	40.97	10.26	59.40	18.43	Peak	L	Pass
1**	0.332	27.03	10.26	49.40	22.37	AV	L	Pass
2	0.524	45.20	10.28	56.00	10.80	Peak	L	Pass
2**	0.524	33.47	10.28	46.00	12.53	AV	L	Pass
3	5.980	52.35	11.04	60.00	7.65	Peak	L	Pass
3**	5.980	31.98	11.04	50.00	18.02	AV	L	Pass
4	5.982	51.51	11.04	60.00	8.49	Peak	L	Pass
4**	5.982	42.48	11.04	50.00	7.52	AV	L	Pass
5	20.772	49.26	14.58	60.00	10.74	Peak	L	Pass
5**	20.772	33.18	14.58	50.00	16.82	AV	L	Pass
6	21.156	47.28	14.66	60.00	12.72	Peak	L	Pass
6**	21.156	34.87	14.66	50.00	15.13	AV	L	Pass

2) AC Ports - N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.518	45.30	10.20	56.00	10.70	Peak	N	Pass
1**	0.518	36.20	10.20	46.00	9.80	AV	N	Pass
2	0.522	44.01	10.20	56.00	11.99	Peak	N	Pass
2**	0.522	37.03	10.20	46.00	8.97	AV	N	Pass
3	5.876	47.68	10.92	60.00	12.32	Peak	N	Pass
3**	5.876	32.58	10.92	50.00	17.42	AV	N	Pass
4	5.956	43.41	10.94	60.00	16.59	Peak	N	Pass
4**	5.956	32.97	10.94	50.00	17.03	AV	N	Pass
5	23.958	43.03	15.26	60.00	16.97	Peak	N	Pass
5**	23.958	31.80	15.26	50.00	18.20	AV	N	Pass
6	24.018	39.65	15.27	60.00	20.35	Peak	N	Pass
6**	24.018	32.55	15.27	50.00	17.45	AV	N	Pass

Equipment Information						
Equipment Name	Supplier	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038B	MY61380132	2025.04.01	2026.03.31	☒
LISN	SCHWARZBECK	NSLK 8127	01009	2025.07.15	2026.07.14	☒
LISN	SCHWARZBECK	NNBM8124	8124-510	2025.02.06	2026.02.05	☐
LISN	SCHWARZBECK	NNBM8124	8124-509	2025.02.06	2026.02.05	☐
Shielded Room	YiHeng Electronic Co., Ltd	/	235	2024.11.05	2027.11.04	☒
Description	Supplier	Name	Version	/		Use
Test Software	BALUN	BL410-E	V22.4 en	/		☒

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ25C1299-AE-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ25C1299-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ25C1299-AI.PDF”.

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--END OF REPORT--