

Test Report

Report No. : MTi260611013-0201E1
Date of issue : 2026-06-24
Applicant : Dawei Healthcare Technology (Jiangsu) Co., Ltd.
Product : Smart Charging Case
Model(s) : COR2, COR1, COR3, COR4, COR5, COR6, COR7,
COR8, COR9
FCC ID : 2BWQGCOR1

Shenzhen Microtest Co., Ltd.

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Test Result Certification		
Applicant	Dawei Healthcare Technology (Jiangsu) Co., Ltd.	
Applicant Address	28 Jinqiao Road, Economic and Technological Development Zone, 221004 Xuzhou, Jiangsu, PEOPLE'S REPUBLIC OF CHINA	
Manufacturer	Dawei Healthcare Technology (Jiangsu) Co., Ltd.	
Manufacturer Address	28 Jinqiao Road, Economic and Technological Development Zone, 221004 Xuzhou, Jiangsu, PEOPLE'S REPUBLIC OF CHINA	
Factory	Dawei Healthcare Technology (Jiangsu) Co., Ltd.	
Factory Address	28 Jinqiao Road, Economic and Technological Development Zone, 221004 Xuzhou, Jiangsu, PEOPLE'S REPUBLIC OF CHINA	
Product description		
Product name	Smart Charging Case	
Trademark	N/A	
Model name	COR2	
Series Model(s)	COR1, COR3, COR4, COR5, COR6, COR7, COR8, COR9	
Standards	47 CFR Part 15, Subpart B	
Test Method	ANSI C63.4-2014	
Testing Information		
Date of test	2026-06-22 to 2026-06-22	
Test result	Pass	
Prepared by:	Letter Lan	<i>Letter Lan.</i>
Reviewed by:	David Lee	<i>David. Lee</i>
Approved by:	Lewis Lian	<i>Lewis Lian</i>

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1 General Description

1.1 Description of the EUT

Product name:	Smart Charging Case
Model name:	COR2
Series Model(s):	COR1, COR3, COR4, COR5, COR6, COR7, COR8, COR9
Model difference:	All the models are the same circuit and module, except the model name (every model have different external dimensions.)
Electrical rating:	Input: 5VDC 1A Battery: 3.7VDC 400mAh
Accessories:	Cable: Type-C to Type-C cable 1m
Test sample(s) number:	MTi260611013-02-E001

1.2 Description of test modes

For test, the EUT has been pre-tested under the following test modes, Only the worst case data will be shown in the report.

No.	Emission test modes
Mode1	Charging

Note: The PCB boards and traces of these models are identical; only the external dimensions differ. After evaluation, we selected the largest-sized sample for testing.

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1.3 Environmental Conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15°C ~ 35°C
Humidity:	20% RH ~ 75% RH
Atmospheric pressure:	98 kPa ~ 101 kPa

1.4 Description of support units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Support equipment list

Description	Model	Serial No.	Manufacturer
(USB-A)5W Adapter	A1443	/	APPLE

Support cable list

Description	Length (m)	From	To
/	/	/	/

1.5 Measurement uncertainty

Measurement	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	±3.1dB
Radiated emissions (30MHz~1GHz)	±4.7dB
Temperature	±1 °C
Humidity	± 5 %

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

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2 Summary of Test Result

No.	Item	Standard	Requirement	Result
1	Conducted emissions on AC mains	47 CFR Part 15, Subpart B	15.107, Class B	Pass
2	Radiated emissions (Below 1GHz)	47 CFR Part 15, Subpart B	15.109, Class B	Pass

Note: The highest internal frequency of the EUT is less than 108MHz, the measurement shall only be made up to 1 GHz.

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3 Test Facilities and accreditations

3.1 Test laboratory

Test laboratory:	Shenzhen Microtest Co., Ltd.
Test site location:	101, No.7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Telephone:	(86-755)88850135
Fax:	(86-755)88850136
CNAS Registration No.:	CNAS L5868
FCC Registration No.:	448573
IC Registration No.:	21760
CABID:	CN0093

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4 List of test equipment

No.	Equipment	Manufacturer	Model	Serial No.	Cal. date	Cal. Due
Conducted emissions on AC mains						
1	EMI Test Receiver	Rohde&schwarz	ESCI3	101368	2026-03-10	2027-03-09
2	Artificial mains network	Schwarzbeck	NSLK 8127	183	2026-03-11	2027-03-10
3	Artificial Mains Network	Rohde & Schwarz	ESH2-Z5	100263	2026-03-10	2027-03-09
4	EMI Test Software	Farad	EZ-EMC	Ver. EMEC-3A1	/	/
Radiated emissions (Below 1GHz)						
1	EMI Test Receiver	Rohde&schwarz	ESCI7	101166	2026-03-10	2027-03-09
2	TRILOG Broadband Antenna	schwarabeck	VULB 9163	9163-1338	2025-05-23	2027-05-22
3	Amplifier	Hewlett-Packard	8447F	3113A06184	2026-03-10	2027-03-09
4	EMI Test Software	Farad	EZ-EMC	Ver. EMEC-3A1	/	/

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5 Emission Test Results (EMI)

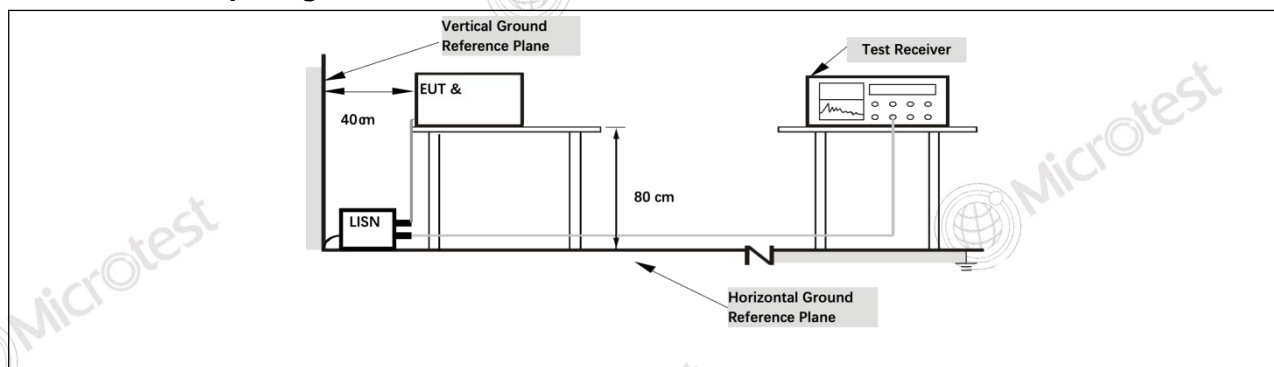
5.1 Conducted emissions on AC mains

Test Requirement:	15.107, Class B		
Test Limit:	Frequency of emission (MHz)	Conducted limit (dBμV)	
		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.		
Test Method:	ANSI C63.4-2014		
Procedure:	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		

5.1.1 E.U.T. Operation:

Operating Environment:			
Temperature:	26 °C	Humidity:	63 %
Pre test mode:	Mode1		
Final test mode:	Mode1		

5.1.2 Test Setup Diagram:

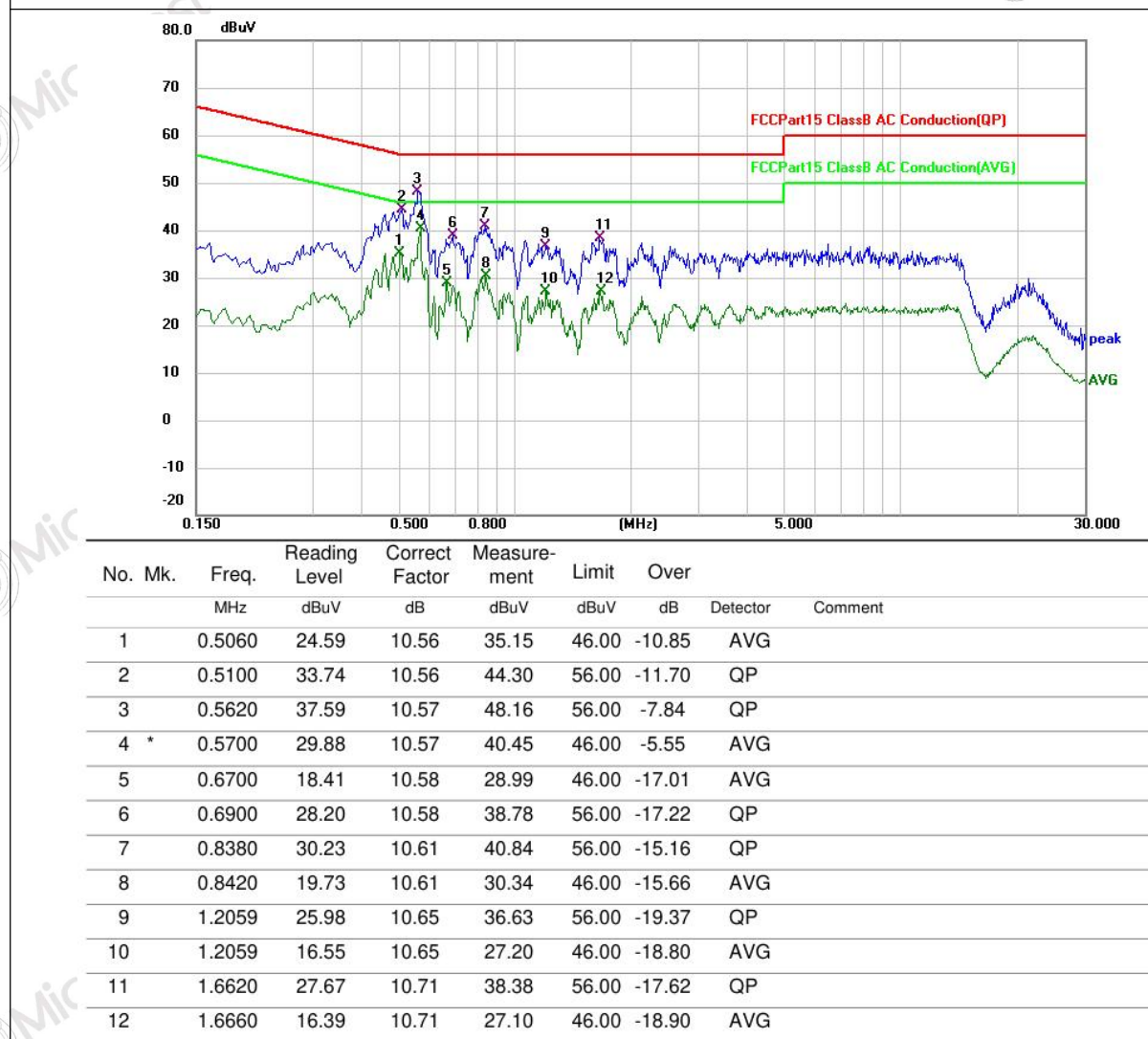


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5.1.3 Test Data:

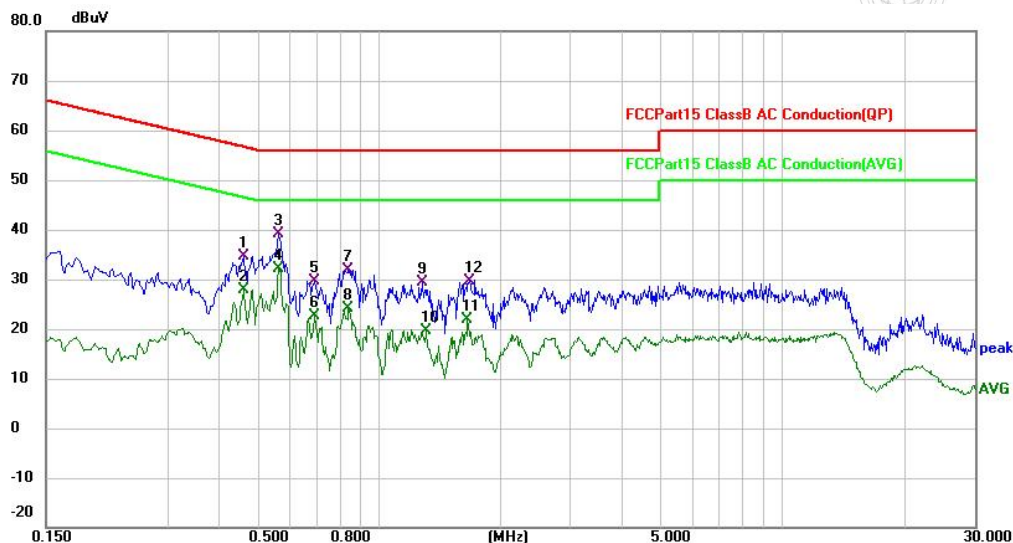
Mode1 / Line: Line



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Mode1 / Line: Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.4620	24.15	10.56	34.71	56.66	-21.95	QP	
2		0.4620	17.43	10.56	27.99	46.66	-18.67	AVG	
3		0.5660	28.45	10.57	39.02	56.00	-16.98	QP	
4	*	0.5660	21.44	10.57	32.01	46.00	-13.99	AVG	
5		0.6940	18.98	10.59	29.57	56.00	-26.43	QP	
6		0.6940	12.11	10.59	22.70	46.00	-23.30	AVG	
7		0.8420	21.34	10.62	31.96	56.00	-24.04	QP	
8		0.8420	13.40	10.62	24.02	46.00	-21.98	AVG	
9		1.2780	18.74	10.67	29.41	56.00	-26.59	QP	
10		1.3099	9.01	10.67	19.68	46.00	-26.32	AVG	
11		1.6620	11.24	10.72	21.96	46.00	-24.04	AVG	
12		1.6780	18.79	10.72	29.51	56.00	-26.49	QP	

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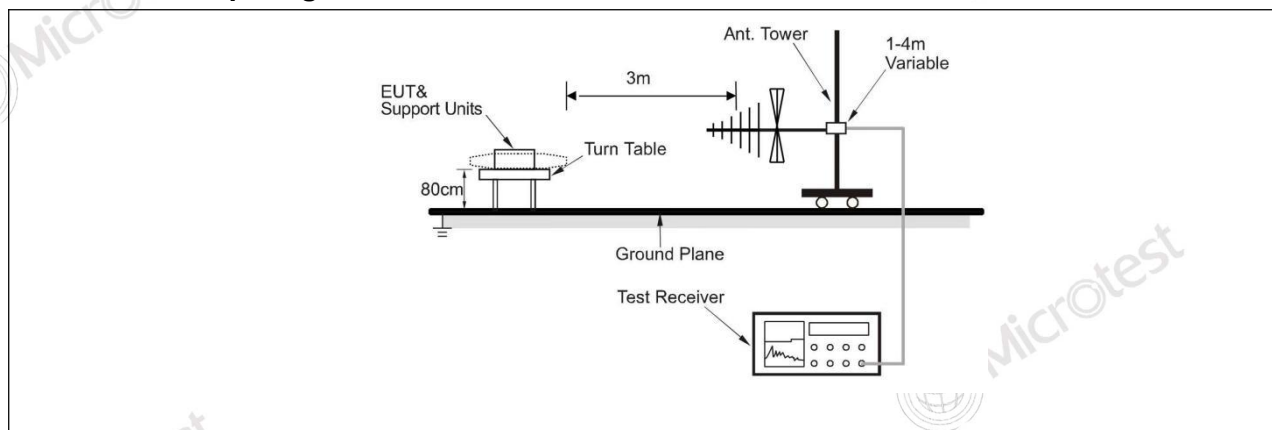
5.2 Radiated emissions (Below 1GHz)

Test Requirement:	15.109, Class B																																
Test Limit:	Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values: <table border="1"> <thead> <tr> <th rowspan="2">Frequency of emission (MHz)</th><th colspan="2">Field strength @3m</th><th colspan="2">Field strength @10m</th></tr> <tr> <th>($\mu\text{V/m}$)</th><th>(dB$\mu\text{V/m}$)</th><th>($\mu\text{V/m}$)</th><th>(dB$\mu\text{V/m}$)</th></tr> </thead> <tbody> <tr> <td>30 – 88</td><td>100</td><td>40</td><td>30</td><td>29.5</td></tr> <tr> <td>88 – 216</td><td>150</td><td>43.5</td><td>45</td><td>33.1</td></tr> <tr> <td>216 – 960</td><td>200</td><td>46</td><td>60</td><td>35.6</td></tr> <tr> <td>Above 960</td><td>500</td><td>54</td><td>150</td><td>43.5</td></tr> </tbody> </table>				Frequency of emission (MHz)	Field strength @3m		Field strength @10m		($\mu\text{V/m}$)	(dB $\mu\text{V/m}$)	($\mu\text{V/m}$)	(dB $\mu\text{V/m}$)	30 – 88	100	40	30	29.5	88 – 216	150	43.5	45	33.1	216 – 960	200	46	60	35.6	Above 960	500	54	150	43.5
Frequency of emission (MHz)	Field strength @3m		Field strength @10m																														
	($\mu\text{V/m}$)	(dB $\mu\text{V/m}$)	($\mu\text{V/m}$)	(dB $\mu\text{V/m}$)																													
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88 – 216	150	43.5	45	33.1																													
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Test Method:	ANSI C63.4-2014																																
Procedure:	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																																

5.2.1 E.U.T. Operation:

Operating Environment:					
Temperature:	25 °C	Humidity:	61 %	Atmospheric Pressure:	101 kPa
Pre test mode:	Mode1				
Final test mode:	Mode1				

5.2.2 Test Setup Diagram:

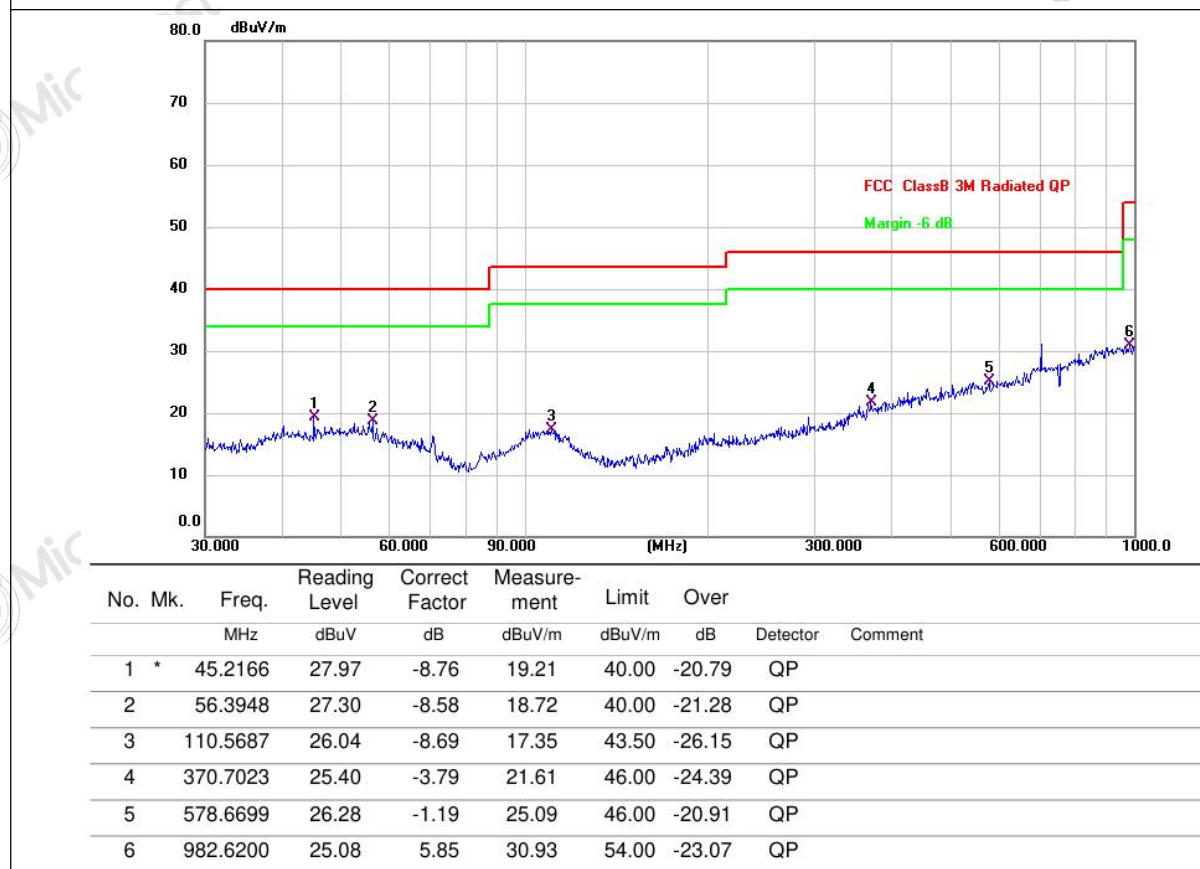


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5.2.3 Test Data:

Mode1 / Polarization: Horizontal



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Mode1 / Polarization: Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		40.9881	27.14	-8.76	18.38	40.00	-21.62	QP	
2		50.2324	26.50	-8.59	17.91	40.00	-22.09	QP	
3		102.3597	25.69	-8.79	16.90	43.50	-26.60	QP	
4		152.6641	30.37	-12.46	17.91	43.50	-25.59	QP	
5		459.1144	25.85	-2.63	23.22	46.00	-22.78	QP	
6	*	932.2715	24.44	5.98	30.42	46.00	-15.58	QP	

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Photographs of the test setup

Conducted emissions on AC mains



Radiated emissions (Below 1GHz)



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Photographs of the EUT

Refer to Appendix - EUT Photos

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Statement

1. This report is invalid without the seal and signature of the laboratory.
2. The test results of this report are only responsible for the samples submitted. Client shall be responsible for representativeness of the sample and authenticity of the material.
3. The report shall not be partially reproduced without the written consent of the Laboratory.
4. This report is invalid if transferred, altered or tampered with in any form without authorization.
5. The observations or tests with special mark fall outside the scope of accreditation, and are only used for purpose of commission, research, training, internal quality control etc.
6. Any objection to this report shall be submitted to the laboratory within 15 days from the date of receipt of the report.

***** END OF REPORT *****