

FCC TEST REPORT

Prepared for :

Shenzhen Margotan Tech Co., Ltd. 12F, Bldg.A, Rongchao Binhai Mansion, Haixiu Road No.2021, Xin'an Str, Bao'an District, Shenzhen, China

Product:	Facial Cleansing Brush LED & EM
Trade Name:	N/A
Model Name:	1008
Date of Test:	Apr. 22, 2020 - Apr. 28, 2020
Date of Report:	Apr. 28, 2020
Report Number:	HK2004160640-1ER

Prepared By :

Shenzhen HUAK Testing Technology Co., Ltd.

1F, B2 Building, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, China

TEL: +86-755-2302 9901 FAX: +86-755-2302 9901 E-mail: service@cer-mark.com http://www.cer-mark.com

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



Page 2 of 27

Report No.: HK2004160640-1ER

TEST REPORT VERIFICATION

Applicant	:	Shenzhen Margotan Tech Co., Ltd.
Address	:	12F, Bldg.A, Rongchao Binhai Mansion, Haixiu Road No.2021, Xin'an Str, Bao'an District, Shenzhen, China
Manufacturer	:	Shenzhen Margotan Tech Co., Ltd.
Address	:	12F, Bldg.A, Rongchao Binhai Mansion, Haixiu Road No.2021, Xin'an Str, Bao'an District, Shenzhen, China
EUT Description	:	Facial Cleansing Brush LED & EMS
(A) Model No.		1008
(B) Serial Model	HUM	N/A She she she
(C) Power Supply	:	DC5V From Micro USB or DC 3.7V From Battery
Otan dan da	F	CC Part 15 Subpart B

Standards.....ANSI C63.4:2014

This device described above has been tested by HUAK, and the test results show that the equipment under test (EUT) is in compliance with Part 15 of FCC Rules. And it is applicable only to the tested sample identified in the report.

This report shall not be reproduced except in full, without the written approval of HUAK, this document may be altered or revised by HUAK, personal only, and shall be noted in the revision of the document.

Test Result..... Pass

Date of Test:

Testing Engineer:

Technical Manager:

Authorized Signatory:

Apr. 22, 2020 - Apr. 28, 2020

(Gary Qian)

Edan Hu



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



Page 3 of 27

1. TEST SUMMARY				S HUAK 5
1.1 TEST FACILITY				6
1.2 MEASUREMENT UN	ICERTAINTY			6
2 . GENERAL INFORMAT	ION			7
2.1 GENERAL DESCRIF	TION OF EUT			7
2.2 DESCRIPTION OF T	EST MODES			8
2.3 DESCRIPTION OF T	EST SETUP			9
2.4 DESCRIPTION TES	T PERIPHERAI	AND EUT PER	IPHERAL	10
2.5 MEASUREMENT IN	STRUMENTS L	IST		11
3. EMC EMISSION TEST	STING			12
3.1 CONDUCTED EMIS	SION MEASUR	REMENT		12
3.1.1 POWER LINE (EMISSION		12
3.1.2 TEST PROCED 3.1.3 TEST SETUP	URE			13 13
3.1.4 EUT OPERATIN		NS JAKTESTING		13
3.1.5 TEST RESULTS		O HO		14
3.2 RADIATED EMISSIC				16
3.2.1 LIMITS OF RAI	Pie -	ION MEASURE	MENT	16
3.2.2 TEST PROCED 3.2.3 TEST SETUP	URE			16 17
3.2.4 EUT OPERATIN	NG CONDITION	NS		17
3.2.5 TEST RESULTS	-100			18
3.2.6 TEST RESULTS	S(Above 1GHz)	HUNKTE		20
4 . EUT TEST PHOTO				21
ATTACHMENT PHOTOG	RAPHS OF E	UT		22

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



A116, 1 485(31)		ALLES 1 1973		201400 S * 6000000
Revison	Desc	ription	Issued Data	Remark
Revsion 1.0	Initial Test R	eport Release	2020/04/28	James Zhou
TESTING	TESTING	TESTING	TESTING	TESTING
10.	- 10.	201	20.	20.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com/



1. TEST SUMMARY

Test procedures according to the technical standards:

		EMC Emission			
P	Standard	Test Item	Limit	Judgment	Remark
6	FCC Part 15 Subpart B	Conducted Emission	Class B	PASS	9
P	ANSI C63.4:2014	Radiated Emission	Class B	PASS	ESTING

NOTE:

- (1) 'N/A' denotes test is not applicable in this Test Report
- (2) For client's request and manual description, the test will not be executed.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



Page 6 of 27

1.1 TEST FACILITY

Shenzhen HUAK Testing Technology Co., Ltd.

Add. : 1F, B2 Building, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, China

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of **k=2**, providing a level of confidence of approximately **95** %.

A. Conducted Measurement :

	Test Site	Method	Measurement Frequency Range	U , (dB)	NOTE
EP.	C01	ANSI	150 KHz ~ 30MHz	3.2	KTESIN - WARTEN

B. Radiated Measurement :

Те	st Site	Method	Measurement Frequency Range	U , (dB)	NOTE
	A01	ANSI	30MHz ~ 1000MHz	4.7	ED WIAK TES
				0	0

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com



Page 7 of 27

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Facial Clea	Facial Cleansing Brush LED & EMS				
Model Name	1008	TING	MAKTESTING	TING		
Serial Model	N/A	HUAKTES	0	HUAKTES		
Model Difference	N/A		TESTING			
Product Description	Operating Connection Based on exhibited ITE/Comp	g frequency: ng I/O port: the applicatio in User's Man puting Device.	eansing Brush LED & I N/A N/A n, features, or specific ual, the EUT is consid More details of EUT t fer to the User's Manu	cation lered as an echnical		
Power Source	DC Voltag	e	HUAKTES	G		
Power Rating	DC5V From	m USB Micro o	or DC 3.7V From Batte	ery		
	.6		-C.			

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description	
Mode 1	Charging	
Mode 2	Running	HUM

	For Conducted Test				
Final Test Mode Description					
Mode 1	Charging				
Mode 2	Running				

For Radiated Test				
Final Test Mode Description				
Mode 1	Charging			
Mode 2 Running				

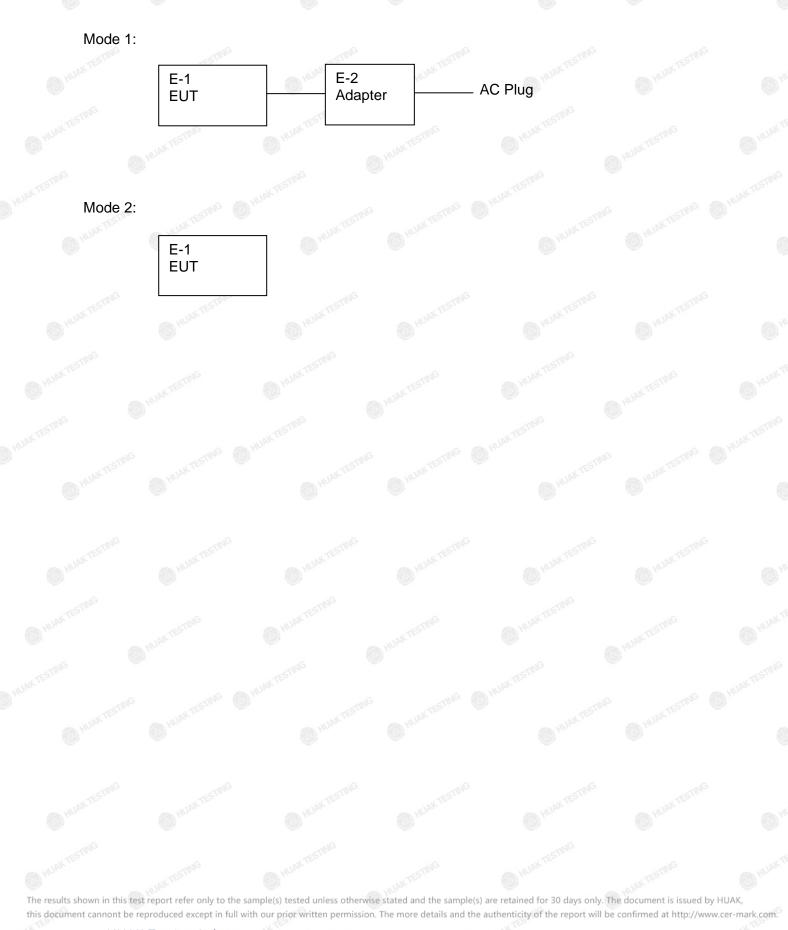
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



Page 9 of 27

Report No.: HK2004160640-1ER

2.3 DESCRIPTION OF TEST SETUP





2.4 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL

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.

Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
Facial Cleansing Brush LED & EMS	N/A	1008	N/A	EUT
Adapter	HUAWEI	HW-051000CHQ	N/A	K TESTING
0	G OT	Bio	0	
HUAKTES		HUAKTES		
NS WAX TESTING	AK TESTING	UNK TESTING	AKTESTING	UAK TESTING
0	O Hone O	0	HO)
-STING	STING	TESTING	TESTING	TESTING
	Facial Cleansing Brush LED & EMS	Facial Cleansing Brush LED & EMS	Facial Cleansing Brush N/A 1008	Facial Cleansing Brush LED & EMS N/A 1008 N/A

Item	Shielded Type	Ferrite Core Length		Note
NG		TESTING		ESTING
	HU AKTESTING	. was	ESTING HUM	JAK TESTING
		G OT		O.r.
	HUAKTEST		HUAKTES	
W TEST	NG LIAKTESTING	W TESTING	LAK TESTING	A TESTING
AVM .	O m	O HUM O		DHUM OH
TING	TING	TING	TING	TING

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in ^[] Length ^[] column.
- (3) "YES" is means "shielded" "with core"; "NO" is means "unshielded" "without core".

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com



Page 11 of 27

2.5 MEASUREMENT INSTRUMENTS LIST

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interva
uk testinu 1.	L.I.S.N. 1. Artificial Mains R& Network		ENV216	HKE-002	Dec. 26, 2019	1 Year
2.	Receiver	R&S	ESCI 7	HKE-010	Dec. 26, 2019	1 Year
3.	RF automatic control unit	Tonscend	JS0806-2	HKE-060	Dec. 26, 2019	0 1 Year
4.	Spectrum analyzer	R&S	FSP40	HKE-025	Dec. 26, 2019	1 Year
5.	Spectrum analyzer	Agilent	N9020A	HKE-048	Dec. 26, 2019	1 Year
6.	Preamplifier	Schwarzbeck	BBV 9743	HKE-006	Dec. 26, 2019	1 Year
7.	EMI Test Receiver	Rohde & Schwarz	ESCI 7	HKE-010	Dec. 26, 2019	1 Year
8.	Bilog Broadband Antenna	Schwarzbeck	VULB9163	HKE-012	Dec. 26, 2019	1 Year
9.	9. Loop Antenna Schwarzbeck		FMZB 1519 B	HKE-014	Dec. 26, 2019	1 Year
10.	Horn Antenna	Schewarzbeck	9120D	HKE-013	Dec. 26, 2019	1 Year
11.	Pre-amplifier	EMCI	EMC05184 5SE	HKE-015	Dec. 26, 2019	[©] 1 Year
12.	Pre-amplifier	Agilent	83051A	HKE-016	Dec. 26, 2019	1 Year
13.	EMI Test Software EZ-EMC	Tonscend	JS1120-B Version	HKE-083	Dec. 26, 2019	N/A
14.	Power Sensor	Agilent	E9300A	HKE-086	Dec. 26, 2019	1 Year
15.	Spectrum analyzer	Agilent	N9020A	HKE-048	Dec. 26, 2019	1 Year
16.	Signal generator	Agilent	N5182A	HKE-029	Dec. 26, 2019	1 Year
17.	Signal Generator	Agilent	83630A	HKE-028	Dec. 26, 2019	1 Year
18.	Shielded room	Shiel Hong	4*3*3	HKE-039	Dec. 26, 2019	1 Year

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A	(dBuV)	Class B (dBuV)		
	Quasi-peak	Average	Quasi-peak	Average	
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	
0.50 -5.0	73.00	60.00	56.00	46.00	
5.0 -30.0	73.00	60.00	60.00	50.00	

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

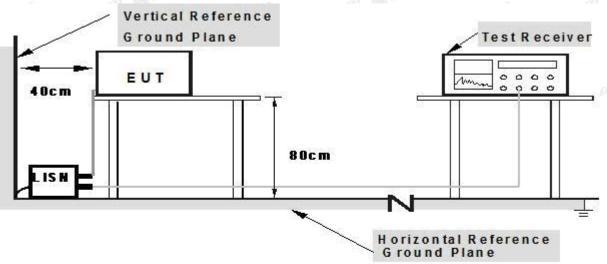
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com



3.1.2 TEST PROCEDURE

- a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

3.1.3 TEST SETUP



Note: 1.Support units were connected to second LISN. 2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

3.1.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.3** Unless otherwise a special operating condition is specified in the follows during the testing.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com



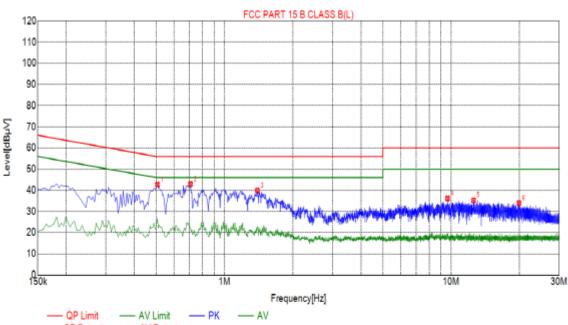
Page 14 of 27

3.1.5 TEST RESULTS

Note:

All the test modes completed for test. only the worst result of was reported. as below:

EUT :	Facial Cleansing Brush LED & EMS	Model Name. :	1008	HUAKTESTING
Temperature :	24.5℃	Relative Humidity :	55%	W
Pressure :	1010hPa	Test Date :	2020-04-26	
Test Mode :	Mode 1	Phase :	L	K TESTING
Test Voltage :	DC5V From Micro USB		. O'	UP



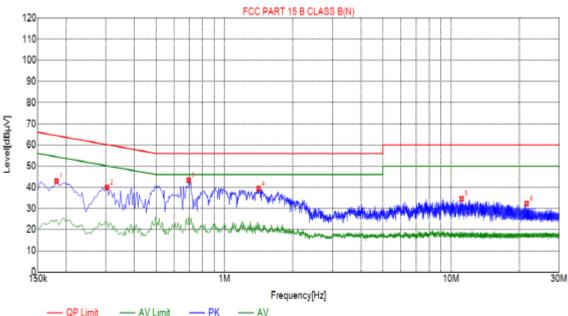
o QP Detector	AV Detector
---------------	-------------

Sus	Suspected List										
NO.	Freq. [MHz]	Level [dBµV]	Factor [dB]	Limit [dBµV]	Margin [dB]	Reading [dBµV]	Detector	Туре			
1	0.5055	42.72	10.04	56.00	13.28	32.68	PK	L			
2	0.7080	42.95	10.05	56.00	13.05	32.90	PK	L			
3	1.3965	40.00	10.11	56.00	16.00	29.89	PK	L			
4	9.6450	36.15	10.08	60.00	23.85	26.07	PK	L			
5	12.5700	35.34	9.98	60.00	24.66	25.36	PK	L			
6	19.9275	33.89	10.10	60.00	26.11	23.79	PK	L			

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



EUT :	Facial Cleansing Brush LED & EMS	Model Name. :	1008
Temperature :	24.5 ℃	Relative Humidity :	55%
Pressure :	1010hPa	Test Date :	2020-04-26
Test Mode :	Mode 1	Phase :	NAKTES !!
Test Voltage :	DC5V From Micro USB	9. 0	0



QP Detector * AV Detector

Sus	Suspected List									
NO.	Freq. [MHz]	Level [dBµV]	Factor [dB]	Limit [dBµV]	Margin [dB]	Reading [dBµV]	Detector	Туре		
1	0.1815	42.89	10.06	64.42	21.53	32.83	PK	N		
2	0.3030	40.04	10.04	60.16	20.12	30.00	PK	N		
3	0.6945	43.36	10.05	56.00	12.64	33.31	PK	N		
4	1.4145	39.46	10.11	56.00	16.54	29.35	PK	N		
5	11.1345	34.54	10.01	60.00	25.46	24.53	PK	N		
6	21.5610	32.33	10.14	60.00	27.67	22.19	PK	N		

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

	Class A (at 10m) dBuV/m			Class B (at 3m)			
REQUENCY (MHz)				dBuV/m			
30 ~ 88	HUAKTEST	39.0		40.0		STING	
88 ~ 216	0	43.5	10		43.5	AKIL	
216 ~ 960	-csTNG	46.5		ESTING	46.0		
Above 960	JAK	49.5	NG	HUAK	54.0	TNG	

Notes:

- (1) The limit for radiated test was performed according to as following: FCC PART 15B /ICES-003.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

3.2.2 TEST PROCEDURE

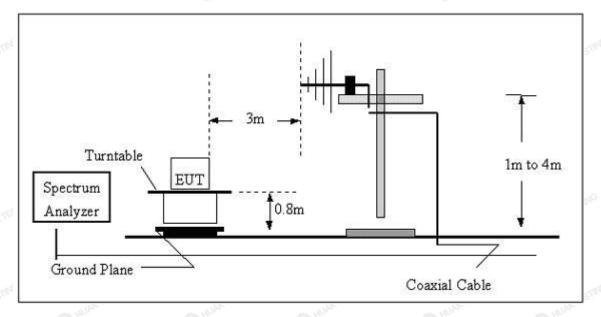
- a. The measuring distance of at 10 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured, above 1G Average detector mode will be instead.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP(AV) Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item -EUT Test Photos.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com

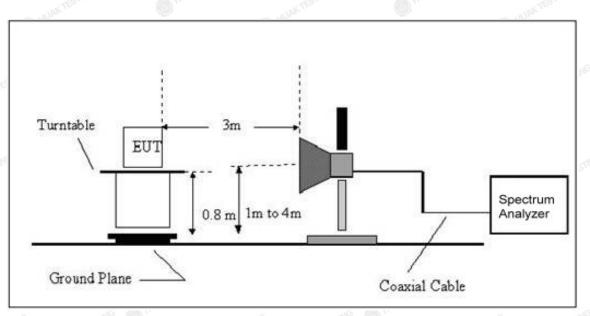


3.2.3 TEST SETUP

(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(B) Radiated Emission Test Set-Up Frequency Above 1GHz



3.2.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.3** Unless otherwise a special operating condition is specified in the follows during the testing.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



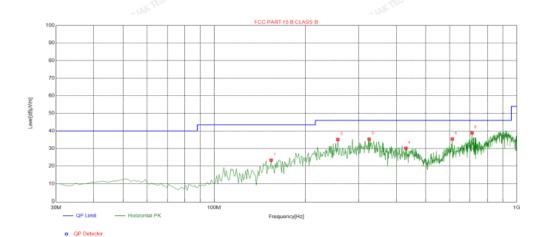
Page 18 of 27

3.2.5 TEST RESULTS

Note:

All the test modes completed for test. only the worst result of was reported. as below:

EUT :	Facial Cleansing Brush LED & EMS	Model Name :	1008
Temperature :	24.5 ℃	Relative Humidity :	55%
Pressure :	1010 hPa	Test Date :	2020-04-26
Test Mode :	Mode 1	Polarization :	Horizontal
Test Power :	DC5V From Micro USB	~	(C) HUM



Suspected List

Suspe	Suspected List										
NO	Freq.	Factor	Reading	Level	Limit	Margin	Height	Angle	Delecity		
NO.	[MHz]	[dB]	[dBµV/m]	[dBµV/m]	[dBµV/m]	[dB]	[cm]	[°]	Polarity		
1	154.2843	-18.63	41.98	23.35	43.50	20.15	100	252	Horizontal		
2	256.2362	-13.47	48.63	35.16	46.00	10.84	100	76	Horizontal		
3	325.1752	-11.84	47.17	35.33	46.00	10.67	100	287	Horizontal		
4	430.0400	-9.85	40.08	30.23	46.00	15.77	100	271	Horizontal		
5	612.5826	-5.55	40.94	35.39	46.00	10.61	100	348	Horizontal		
6	711.6216	-4.85	43.69	38.84	46.00	7.16	100	303	Horizontal		

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.

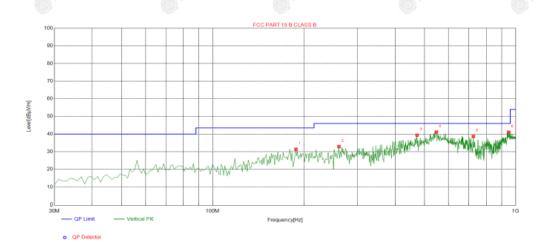


HUAK TESTING

Page 19 of 27

Report No.: HK2004160640-1ER

EUT :	Facial Cleansing Brush LED & EMS	Model Name :	1008
Temperature :	24.5 ℃	Relative Humidity :	55%
Pressure :	1010 hPa	Test Date :	2020-04-26
Test Mode :	Mode 1	Polarization :	Vertical
Test Power :	DC5V From Micro USB	TESTING	TSTING



Suspected List

Suspected List									
NO.	Freq.	Factor	Reading	Level	Limit	Margin	Height	Angle	Delerity
NU.	[MHz]	[dB]	[dBµV/m]	[dBµV/m]	[dBµV/m]	[dB]	[cm]	[°]	Polarity
1	188.2683	-16.16	47.54	31.38	43.50	12.12	100	12	Vertical
2	261.0911	-13.54	46.45	32.91	46.00	13.09	100	357	Vertical
3	472.7628	-8.37	47.74	39.37	46.00	6.63	100	311	Vertical
4	547.5275	-7.02	48.17	41.15	46.00	4.85	100	321	Vertical
5	725.2152	-4.62	43.32	38.70	46.00	7.30	100	224	Vertical
6	948.5385	-1.27	42.36	41.09	46.00	4.91	100	330	Vertical

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



3.2.6 TEST RESULTS(Above 1GHz)

EUT :	Facial Cleansing Brush LED & EMS	Model Name :	1008
Temperature :	N/A	Relative Humidity :	N/A
Pressure :	N/A	Test Date :	N/A
Test Mode :	N/A		-NG
Test Power :	N/A	MNG NIG	IK TES !!

Note:

- 1) N/A denotes test is not applicable in this test report
- 2) There was not any unintentional transmission in standby mode

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



Page 21 of 27

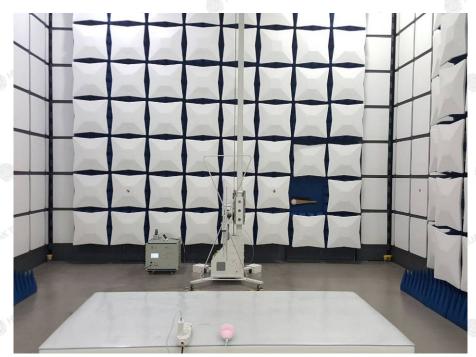
Report No.: HK2004160640-1ER

4. EUT TEST PHOTO

Conducted Emission



Radiated Emission



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



Page 22 of 27

Report No.: HK2004160640-1ER

ATTACHMENT PHOTOGRAPHS OF EUT

Photo 1

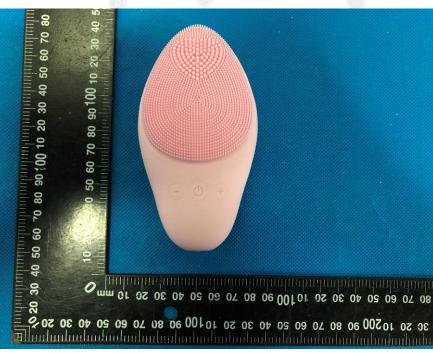
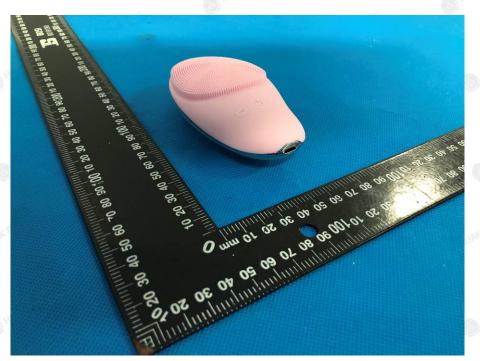


Photo 2



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.





Report No.: HK2004160640-1ER

Photo 3



Photo 4



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.





Report No.: HK2004160640-1ER

Photo 5



80 10 60 20 40 30 50 10 500 30 80 10 60 20 40 30 50 10 100 30 80 10 60 20 40 30 50 20

Photo 6



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.



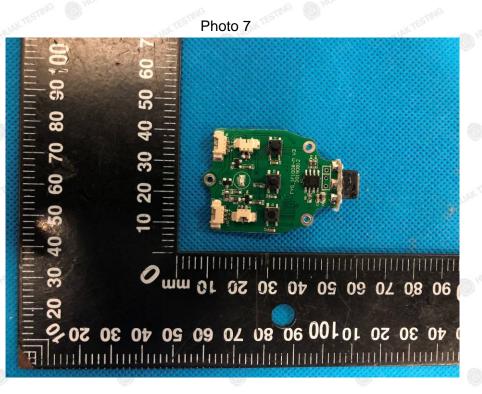


Photo 8

20

60

0 80 70 50 50 40 30 20 10 mm O

to 30 50 10100 80 80 20 60 20 to 30 50 20

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com



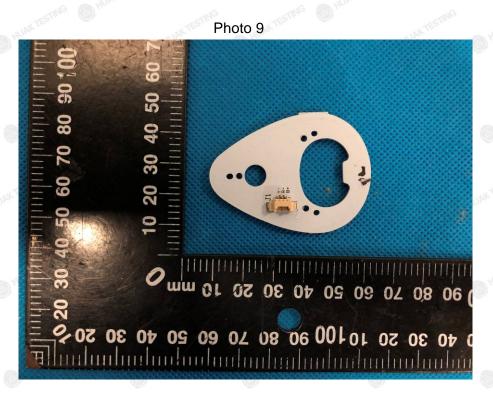


Photo 10



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com



30

Report No.: HK2004160640-1ER

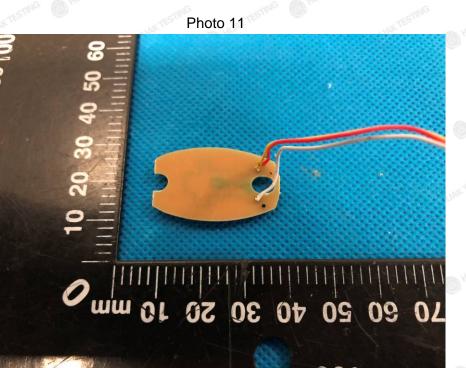


Photo 12

60 50 40 30 20 10 mm 0

.....End of Report.....

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAK, this document cannont be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.cer-mark.com.