

Shummi Enterprise Co., Ltd.

TEST REPORT

SCOPE OF WORK:

FCC 1.1310 – Maximum Permissible Exposure report

Model:

T0315

REPORT NUMBER

201200387TWN-001

ISSUE DATE

Dec. 25, 2020

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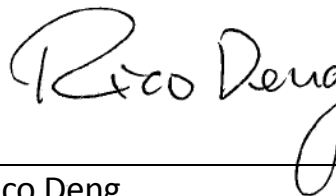


Maximum Permissible Exposure (MPE) Evaluation Report

Applicant:	Shummi Enterprise Co., Ltd. 13F.-1, NO. 188, SEC. 5, NANJING E. RD., SONGSHAN DIST., TAIPEI CITY 105, TAIWAN
Product:	ECU1
Model No.:	T0315
Brand Name:	Eaznuf
FCC ID:	2AXUW-VENUS02
Test Method/ Standard:	FCC 1.1310
Test By:	Intertek Testing Services Taiwan Ltd., Hsinchu Laboratory No. 11, Lane 275, Ko-Nan 1 Street, Chia-Tung Li, Shiang-Shan District, Hsinchu City, Taiwan



Durant Wei
Engineer



Rico Deng
Reviewer

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Revision History

Report No.	Issue Date	Revision Summary
201200387TWN-001	Dec. 25, 2020	Original report

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1. General Information

1.1 Identification of the EUT

Product:	ECU1
Model No.:	T0315
Operating Frequency:	506kHz - 570kHz
Rated Power:	DC 5V from USB port
Power Cord:	N/A
Sample receiving date:	Sep. 21, 2020
Sample condition:	Workable
Test Date(s):	Dec. 22, 2020

1.2 Antenna description

Antenna Type : Coil antenna
Connector Type : Fixed

1.3 Peripherals equipment

No.	Model no.	Specification
Adapter	AC-0330-TW	INPUT:100-240Vac, 150mA, 50-60Hz OUTPUT:5.0Vdc, 850mA

Peripherals	Brand	Model No.	Serial No.	Data cable
Notebook PC	HP	HP ProBook 440 G3	5CD8021S9H	Micro USB Cable 0.8 meter × 1
Electric Toothbrush	Eaznuf	T0315	N/A	N/A

2. Test specifications

2.1 RF Exposure calculations

According to 47 CFR § 1.1310 Table 1 limit .

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(i) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1,500			f/300	<6
1,500-100,000			5	<6
(ii) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1,500			f/1500	<30
1,500-100,000			1.0	<30

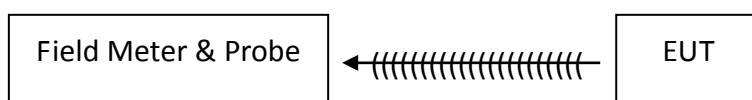
2.2 Operation mode

The toothbrush put on wireless charging tray and connect adaptor can transmit continuously.

2.3 Test equipment

Equipment	Brand	Model No.	Serial No.	Calibration Date	Next Calibration Date
Field Meter	Narda	NBM-520	D-1426	2020/11/22	2023/11/21
Field Probe	Narda	EF0691	H-0199	2019/06/09	2022/06/07

2.4 Test Set-up



3. Test results

Electric Field Emissions

Test Position (15 cm)	Probe Measure Results (V/m)	Limit (V/m)
	intermediate charge	
Front	4.26	614
Back	4.34	614
Left	4.15	614
Right	4.23	614
Top	3.71	614
Bottom	4.89	614

Magnetic Field Emissions

Test Position (15 cm)	Probe Measure Results (A/m)	Limit (V/m)
	intermediate charge	
Front	0.04	1.63
Back	0.04	1.63
Left	0.04	1.63
Right	0.04	1.63
Top	0.04	1.63
Bottom	0.04	1.63

Appendix A: Test Set-up Photo

Front Side



Back Side



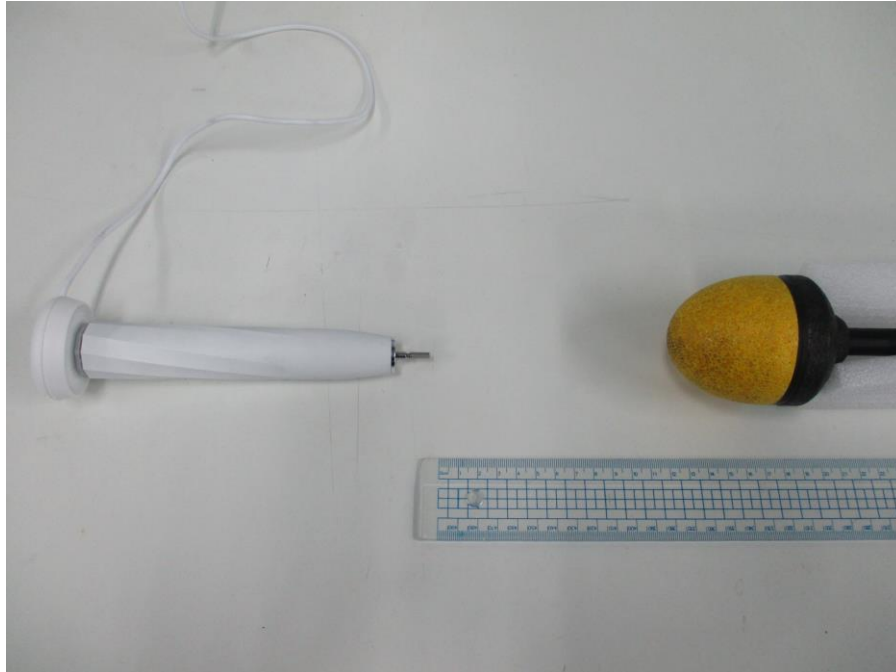
Left Side



Right Side



Top Side



Bottom Side

