

**Shummi Enterprise Co., Ltd.**

# TEST REPORT

**REPORT NUMBER**  
201000052TWN-001

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6

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## RF Exposure Evaluation Report

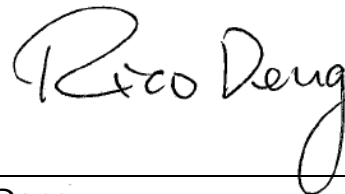
<b>Applicant:</b>	Shummi Enterprise Co., Ltd. 13F.-1, NO. 188, SEC. 5, NANJING E. RD., SONGSHAN DIST., TAIPEI CITY 105, TAIWAN
<b>Product:</b>	Electric Toothbrush
<b>Model No.:</b>	T0315
<b>Brand Name:</b>	Eaznuf
<b>FCC ID:</b>	2AXUW-VENUS01
<b>Test Method/ Standard:</b>	FCC 2.1093 KDB 447498
<b>Test By:</b>	Intertek Testing Services Taiwan Ltd., Hsinchu Laboratory No. 11, Lane 275, Ko-Nan 1 Street, Chia-Tung Li, Shiang-Shan District, Hsinchu City, Taiwan

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### Revision History

Report No.	Issue Date	Revision Summary
201000052TWN-001	Nov. 16, 2020	Original report

## Table of Contents

1. General Information .....	4
1.1 Identification of the EUT .....	4
1.2 Antenna description .....	4
1.3 Peripherals equipment .....	4
2. Test specifications.....	5
2.1 RF Exposure calculations .....	5
2.2 Operation mode .....	5
2.3 Test equipment.....	5
2.4 Test Set-up .....	5
3. Test results .....	6

## 1. General Information

### 1.1 Identification of the EUT

<b>Product:</b>	Electric Toothbrush
<b>Model No.:</b>	T0315
<b>Operating Frequency:</b>	2402 MHz ~ 2480 MHz
<b>Channel Number:</b>	40 channels
<b>Rated Power:</b>	1. DC 5V from USB port 2. DC 3.7V from battery
<b>Power Cord:</b>	N/A
<b>Sample receiving date:</b>	Sep. 21, 2020
<b>Sample condition:</b>	Workable
<b>Test Date(s):</b>	Sep. 21, 2020

### 1.2 Antenna description

Antenna Gain : -6.02 dBi  
 Antenna Type : Printed 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

## 2. Test specifications

### 2.1 RF Exposure calculations

According to KDB 447498 D01 , Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies v06.

Clause 4.3: General SAR test reduction and exclusion guidance Sub , clause 4.3.1: Standalone SAR test exclusion considerations

a) The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6GHz at test separation distances ≤ 5 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation, mm})] * [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR}$$

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation, mm})] * [\sqrt{f(\text{GHz})}] \leq 7.5.0 \text{ for 10-g SAR}$$

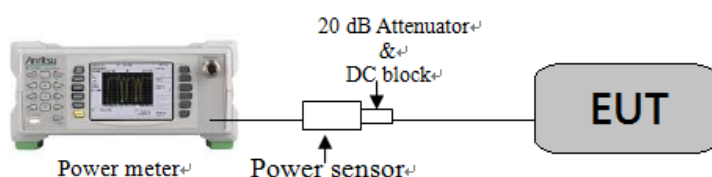
### 2.2 Operation mode

Connected to Notebook via USB To UART Cable, executing “BlueTool 1.9.5.2” and select different frequency and modulation.

### 2.3 Test equipment

Equipment	Brand	Model No.	Serial No.	Calibration Date	Next Calibration Date
Power Meter	Anritsu	ML2495A	0844001	2019/10/23	2020/10/21
Power Sensor	Anritsu	MA2411B	0738452	2019/10/23	2020/10/21

### 2.4 Test Set-up



### 3. Test results

Frequency (GHz)	Conducted Power (dBm)	Tune-up Tolerance	Distance (mm)	Max Power (dBm)	Max Power (mW)	Result	SAR Test Exclusion Threshold	Exempt from Test?
2.402~2.480	8.18	1	5	9.18	8.28	2.608	3.0	Yes