EMF TEST REPORT

Test Report No. : **OT-258-RWD-013**

Reception No. : **2505001505**

Applicant : **MUTi Inc.**

Address : **1F-H-2, 8-7, Yuseong-daero 1689, beon-gil, Yuseong-gu, Daejeon, Republic of Korea**

Manufacturer : **MUTi Inc.**

Address : **1F-H-2, 8-7, Yuseong-daero 1689, beon-gil, Yuseong-gu, Daejeon, Republic of Korea**

Type of Equipment : **MUTi Thera**

FCC ID. : **2BRFZ-MT-DU001**

Model Name : **Smart Beuty Device**

Multiple Model Name : **N/A**

Serial number : **N/A**

Total page of Report : **6 pages (including this page)**

Date of Incoming : **May 15, 2025**

Date of issue : **August 20, 2025**

SUMMARY

The equipment complies with the regulation; ***FCC 47 CFR Part 1, 1.1310***

This test report only contains the result of a single test of the sample supplied for the examination.

It is not a generally valid assessment of the features of the respective products of the mass-production.

This report is not correlated with the "KS Q ISO/IEC 17025 and KOLAS accreditation" of Korean Laboratory Accreditation Scheme.

Tested by	Reviewed by	Approved by
Dong-Yeon, Han / Engineer	Tae-Ho, Kim / Chief Engineer	Jae-Ho, Lee / Director
ONETECH Corp.	ONETECH Corp.	ONETECH Corp.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

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ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

Revision History

Rev. No.	Issue Report No.	Issued Date	Revisions	Section Affected
0	OT-258-RWD-013	August 20, 2025	Initial Release	All

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

1. VERIFICATION OF COMPLIANCE

Applicant : MUTi Inc.

Address : 1F-H-2, 8-7, Yuseong-daero 1689, beon-gil, Yuseong-gu, Daejeon, Republic of Korea

Contact Person : Wantaek Han / CTO

Telephone No. : +82-10-8876-8051

FCC ID : 2BRFZ-MT-DU001

Model Name : Smart Beuty Device

Brand Name : MUTi Thera

Serial Number : N/A

Date : August 20, 2025

EQUIPMENT CLASS	DTS – DIGITAL TRNSMISSION SYSTEM
E.U.T. DESCRIPTION	MUTi Thera
THIS REPORT CONCERNS	Original Grant
MEASUREMENT PROCEDURES	KDB 447498 D01 General RF Exposure Guidance v06
TYPE OF EQUIPMENT TESTED	Pre-Production
KIND OF EQUIPMENT AUTHORIZATION REQUESTED	Certification
Modifications on the Equipment to Achieve Compliance	None

-. The above equipment was tested by ONETECH Corp. for compliance with the requirement set forth in the FCC Rules and Regulations. This said equipment in the configuration described in this report, shows the maximum emission levels emanating from equipment are within the compliance requirements.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

2. GENERAL INFORMATION

2.1 Product Description

The MUTi Inc., Model Smart Beuty Device (referred to as the EUT in this report) is a MUTi Thera. The product specification described herein was obtained from product data sheet or user's manual.

DEVICE TYPE	MUTi Thera	
OPERATING FREQUENCY	2 402 MHz ~ 2 480 MHz	
MODULATION TYPE	GFSK	
RF OUTPUT POWER	125 kbps	-6.86 dBm
	500 kbps	-6.84 dBm
	1 Mbps	-6.87 dBm
	2 Mbps	-6.65 dBm
ANTENNA TYPE	Chip Antenna	
ANTENNA GAIN	2.20 dBi	
List of each Osc. or crystal Freq.(Freq. >= 1 MHz)	16 MHz, 32 MHz, 40 MHz, 490 MHz	

2.2 Alternative type(s)/model(s); also covered by this test report.

-. None

3. EUT MODIFICATIONS

-. None

4. RF EXPOSURE EVALUATION

4.1 RF Exposure Calculation

According to the FCC rule §4.3. General SAR test exclusion guidance, the limit for 1-g and 10-g SAR test exclusion thresholds are ≤ 3.0 for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR by the device operating 100 MHz to 6 GHz and test separation distances ≤ 50 mm

4.2 EUT Description

Kind of EUT	MUTi Thera
Device Category	■ Portable (< 20 cm separation) ☐ Mobile (> 20 cm separation) ☐ Others
Exposure Evaluation Applied	☐ MPE ☐ SAR ■ N/A

4.3 Test Result

According to the procedure, KDB 447498 D01, the standalone SAR test exclusion threshold is

[(Max. Power of channel, including tune-up tolerance, mW)/(Min. test separation distance, mm)] X [√ f(GHz)] < 3.0

= [(0.26/5)] X √ 2.480 = 0.083

4.3.1 Test data for Bluetooth LE

Frequency (MHz)	Target Power W/tolerance (dBm)	Max tune up power (dBm)	Antenna Gain (dBi)	E.I.R.P power (dBm)	E.I.R.P power (mW)	Separation distance (mm)	RF exposure
2 480.00	-9.00 ± 1.0	-8.00	2.20	-5.80	0.26	5	0.083