



MRT Technology (Taiwan) Co., Ltd
Phone: +886-3-3288388
Fax: +886-3-3288918
Web: www.mrt-cert.com

Report No.: 2009TW8601-U3
Report Version: 1.0
Issue Date: 2020-11-11

RF Exposure Evaluation Declaration

FCC ID: UV3-FT95
APPLICANT: AViTA Corporation
Application Type: Certification
Product: Non-Contact Thermometer
Model No.: FT 95
Brand Name: Beurer
FCC Rule Part(s): Part 2.1093
Test Date: September 23, 2020

Reviewed By

: 

(Paddy Chen)



Testing Laboratory
3261

Approved By

: 

(Chenz Ker)

The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Taiwan) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
2009TW8601-U3	1.0	Original Report	2020-11-11	

1. PRODUCT INFORMATION

1.1. Equipment Description

Product Name	Non-Contact Thermometer
Model No.	FT 95
Brand Name	Beurer
Bluetooth Specification	V4.2 LE
Operating Frequency	2402~2480MHz
Modulation Type	GFSK

1.2. Antenna Description

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	N/A	N/A	PCB	1.22dBi

2. MAXIMUM PERMISSIBLE EXPOSURE (MPE)

2.1. FCC Limits

According to FCC KDB 447498 Section 4.3 - General SAR test exclusion guidance

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR, and } \leq 7.5 \text{ for 10-g extremity SAR,}$$

where

1. $f(\text{GHz})$ is the RF channel transmit frequency in GHz
2. Power and distance are rounded to the nearest mW and mm before calculation
3. The result is rounded to one decimal place for comparison
4. The values 3.0 and 7.5 are referred to as numeric thresholds in step b) below

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

2.2. Test Result

Mode	Frequency Band (MHz)	Average Output Power (dBm)	Output Power (mW)	FCC Extremity SAR Test Exclusion Threshold (mW)
BLE	2402~2480	-2.5	0.56	10

So, this device can complies the SAR test exclusion.

_____ The End _____