LTA
Laboratory for Test & Approval Co.,Ltd.

243 Jubug-Ri,Yangji-Myeon, Yongin-Si, Gyeonggi-Do, Korea 17159
Tel: +82-31-323-6008 Fax: +82-31-323-6010
http://www.ltalab.com

Dates of Tests: Mar 05,2026 ~ Apr 20,2026
Test Report S/N: LR500112605D
Test Site : LTA CO., LTD.

CERTIFICATION OF COMPLIANCE

FCC ID. **2AVQ5BT-CFEB-F**

APPLICANT **BT Inc.**

Equipment Class	:	**Digital Transmission System (DTS)**
Manufacturing Description	:	**CPR and First Aid Training Model (Baby)**
Manufacturer	:	**BT Inc.**
Model name	:	**BT-CFEB-F**
Variant Model name	:	**BT-CFEB-B, BT-SEEM2-BABY**
Contains Modules FCC ID	:	**2AVQ5BT-CFEB-F**
Test Device Serial No.:	:	**Identical prototype**
Rule Part(s)	:	**FCC Part 15.247 Subpart C ; ANSI C63.10 - 2020**
Frequency Range	:	**2402 ~ 2480 MHz**
Max. Output Power	:	**0.00136 W**
Data of issue	:	**Apr 30, 2026**

This test report is issued under the authority of:

Eun-Hwan Jung, Manager

The test was supervised by:

In-Sun Lee, Test Engineer

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1. General information

1-1 Test Performed

Company name : LTA Co., Ltd.

Address : 243, Jubug-ri,Yangji-Myeon,Youngin-Si, Kyunggi-Do, Korea. 449-822

Web site : http://www.ltalab.com

E-mail : chahn@ltalab.com

Telephone : +82-31-323-6008

Facsimile : +82-31-323-6010

Quality control in the testing laboratory is implemented as per ISO/IEC 17025 which is the “General requirements for the competents of calibration and testing laboratory”.

1-2 Accredited agencies

LTA Co., Ltd. is approved to perform EMC testing by the following agencies:

Agency	Country	Accreditation No.	Validity	Reference
RRA	KOREA	KR0049	-	EMC accredited Lab.
FCC	U.S.A	649054	2027-02-27	FCC CAB
VCCI	JAPAN	C-14948	2026-09-10	VCCI registration
VCCI	JAPAN	T-12416	2026-09-10	VCCI registration
VCCI	JAPAN	R-14483	2026-10-15	VCCI registration
VCCI	JAPAN	G-10847	2027-12-13	VCCI registration
IC	CANADA	5799A-1	2026-08-05	IC filing

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2. Information about test item

2-1 Client & Manufacturer

Client Company name	:	BT Inc.
Address	:	A-313 Samsong Techno-valley, 140, Tongil-ro, Deogyang-gu, Goyang-si, Gyeonggi-do, South Korea
Tel / Fax	:	TEL No : +82-10-2756-2614/ FAX No : + 82-2-2038-2903
Manufacturer		BT Inc.
Address		A-313 Samsong Techno-valley, 140, Tongil-ro, Deogyang-gu, Goyang-si, Gyeonggi-do, South Korea
Tel / Fax		TEL No : +82-10-2756-2614 / FAX No : + 82-2-2038-2903

2-2 Equipment Under Test (EUT)

Model name	:	BT-CFEB-F
Serial number	:	Identical prototype
Date of receipt	:	March 05, 2026
EUT condition	:	Pre-production, not damaged
Antenna type	:	Chip Antenna (Max Gain : 3.5 dBi)
Frequency Range	:	2402 ~ 2480 MHz
RF output power	:	0.00136 W
Type of Modulation	:	GFSK
Power Source	:	DC 12 V by Adapter, DC 9 V by Battery

2-3 Tested frequency

Bluetooth	LOW	MID	HIGH
Frequency (MHz)	2402	2440	2480

2-4 Ancillary Equipment

Equipment	Model No.	Serial No.	Manufacturer
-	-	-	-

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3. Test Report

3.1 Summary of tests

FCC Part Section(s)	Parameter	Limit	Test Condition	Status (note 1)
§1.1310 and §2.1091	RF EXPOSURE EVULATION	-	-	C

Note 1: C=Complies NC=Not Complies NT=Not Tested NA=Not Applicable

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3.2 RF EXPOSURE EVULATION

1.1 Limit

According to §1.1310 and §2.1091 RF exposure is calculated.

(B) Limits for General Population/Uncontrolled Exposures

Frequency range (MHz)	Electric field Strength	Magnetic field Strength	Power density (mW/cm^2)	Averaging time
1.34 - 30.....	824/f	2.19/f	*(180/ f^2)	30
30 - 300.....	27.5	0.073	0.2	30
300 - 1500.....	.....	.....	**f/1500**	30
1500 - 100.000.....	.....	.....	1.0	30

F = frequency in MHz

* = Plane-wave equivalent power density

1.2 MAXIMUM PERMISSIBLE EXPOSURE Prediction

Prediction of MPE limit at a given distance

Power density at the specific separation:

$S = PG/(4R^2\pi)$ $S = (1.36 * 0.78) / (4 * 5^2 * \pi)$ $S = 0.0002\ mW/cm^2$	Where, S = Maximum power density (mW/cm^2) P = Power input to the antenna (mW) G = Numeric power gain of the antenna R = Distance to the center of the radiation of the antenna (20 cm = limit for MPE)

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1.3 MAXIMUM PERMISSIBLE EXPOSURE Prediction

- Calculated under the worst-case conditions of each mode.

(Measured power 2 dBm ± 0.5dB)

3-1. 2.4 GHz Mode

Max Peak output Power at antenna input terminal	1.34	dBm
Max Peak output Power at antenna input terminal	1.36	mW
Prediction distance	5	mm
Prediction frequency	2,402	MHz
Antenna Gain(typical)	-1.10	dBi
Antenna Gain(numeric)	0.78	-

SAR Test exclusion thresholds for 100MHz to 6GHz at test separation distance ≤ 50 mm = **Used**

[(max.power of channel, including tune-up torelance, mW)/(min. test separation distance, mm)] * [√f(GHz)]

= [1.36 / 5] * [√2.402] = 0.42 ≤ 3.0, for 1g SAR

Thus, SAR for this device is not required.

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