RF EXPOSURE COMPLIANCE REPORT

Model / Serial No.	:	iF191BI
Product Type	:	Bluetooth Body Scale
FCC ID	:	Q22IF191BI
Applicant	:	Zhongshan Camry Electronic Co., Ltd.
Manufacturer	:	Zhongshan Camry Electronic Co., Ltd.
Address	:	Baishawan Industrial Park, Qiwan Road East, East District, 528403, Zhongshan, Guangdong, PEOPLE'S REPUBLIC OF CHINA
Test Result	:	■ COMPLIED
Total pages including Appendices	:	3

> The test result only corresponds to the tested sample. It is not permitted to copy this report, in part or in full, without the permission of the test laboratory.

Prepared by	Approved by
Celia Xiang	Tony Liu

Report Number: 64.790.12.02025.01-RF exposure

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RF Exposure Compliance Requirement

1. Standard requirement

Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a fixed device whereby a distance of 0.2m normally can be maintained between the user and the device.

(a) Limits for Occupational / Controlled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S)(mW/cm^2)	Averaging Times $|E|^2$, $|H|^2$ or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f)*	6
30-300	61.4	0.163	1.0	6
300-1500			F/300	6
1500-100000			5	6

(b) Limits for General Population / Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S)(mW/cm^2)	Averaging Times $|E|^2$, $|H|^2$ or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f)*	30
30-300	27.5	0.073	0.2	30
300-1500			F/500	30
1500-100000			1.0	30

Note: f=frequency in MHz; *Plane-wave equivalent power density

2. MPE Calculation Method

$E (V/m) = (30*P*G)^{0.5}/d$ Power Density: $Pd(W/m^2) = E^2/377$
E=Electric Field (V/m)
P=Peak RF output Power (W)
G=EUT Antenna numeric gain (numeric)
d= Separation distance between radiator and human body (m)
The formula can be changed to
$Pd= (30*P*G)/(377*d^2)$
From the peak EUT RF output power, the minimum mobile separation distance, d=0.2m, as well as the gain of the used antenna, the RF power density can be obtained.

3. Calculated Result and Limit

Continuously transmitting mode.
Antenna Gain: 0.69dBi

Normal mode:

Frequency (MHz)	Antenna Gain (dBi)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Test Result
2.402	0.69	-1.00	0.79	0.00019	1	Complies
2.441	0.69	-0.68	0.86	0.00020	1	Complies
2.480	0.69	-0.92	0.81	0.00019	1	Complies

EDR mode:

Frequency (MHz)	Antenna Gain (dBi)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Test Result
2.402	0.69	-0.74	0.84	0.00019	1	Complies
2.441	0.69	-0.55	0.88	0.00020	1	Complies
2.480	0.69	-0.78	0.84	0.00019	1	Complies