



RF Exposure Report

Report Number : TZ0108260701FRF15
Product Name : Green-Beam Laser Measure with Camera
Model/Type reference : Refer to section 1.2 of this report
FCC ID : 2AEOGS50C
Prepared for : Shenzhen Milesee Technology Co., Ltd
No.3601 Block A,Tanglang Town Plaza West,Fuguang, Community, Taoyuan
Street,Nanshan District,Shenzhen, 518055, China

Prepared By : Shenzhen Tongzhou Testing Co.,Ltd.
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Longhua, Shenzhen, China
Standards : FCC KDB 447498 D04 Interim General RF Exposure Guidance v01
FCC Part 2.1093
Date of Issue : 2026-07-14

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(Authorized Officer)



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The test report apply only to the specific sample(s) tested under stated test conditions.

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**** Report Revise Record ****

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	2026-07-14	Valid	Initial release





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1. GENERAL INFORMATION

1.1. Client Information

Applicant	: Shenzhen Mileseey Technology co., Ltd.
Address	: No.3601 Block A, Tanglang Town Plaza West, Fuguang Community, Taoyuan Street, Nanshan District, Shenzhen 518055, China
Manufacturer	: Shenzhen Mileseey Technology co., Ltd.
Address	: No.3601 Block A, Tanglang Town Plaza West, Fuguang Community, Taoyuan Street, Nanshan District, Shenzhen 518055, China
Factory	: Huizhou Mileseey Technology Co., Ltd.
Address	: Floor 2 & 3 of Intelliget Tower, Innovation Park of Tongh uEcological Smart Zone, Zhongkai Six Road #137, Chenjiang Avenue, Zhongkai High-tech Area, 516029 Huizhou, Guangdong, China

1.2. Description of Device (EUT)

Product Name	: Green-Beam Laser Measure with Camera
Trade Mark	: /
Model Number	: S50C, S50C Pro, S50C Lite, S50R, S70C, S90C, S10C, S30C, S50GC, S52C, S55C, S58C, S60C, S50V, S50P, S50IC, S50XC, S50LC, SC50, SV50, SL50C, View50C, Lens50S, Scope C50, VisionS50, S50C Vision
Model Declaration	: The difference lies only in the color and the marketing purpose of the different models.
Test Model	: S50C
Power Supply	: DC 3.7V by battery or DC 5V/2A by adapter
Battery	: Model: ABD 703448-2P Rated Voltage: 3.7 Vdc Rated Capacity: 2400 mAh 8.88 Wh
Hardware version	: V1.0
Software version	: V1.0





1.3. Wireless Function Tested in this Report

Bluetooth Low Energy

Operation Frequency	: 2402 – 2480 MHz
Channel Number	: 40 Channels for BLE (DTS)
Modulation Technology	: GFSK
Data Rates	: 1Mbps
Antenna Type And Gain	: Multilayer chip antenna, 2.7dBi

Note 1: Antenna position refer to EUT Photos.

Note 2: the above information was supplied by the applicant.





1.4. Description of Test Facility

FCC

Designation Number: CN1275

Test Firm Registration Number: 167722

Shenzhen Tongzhou Testing Co.,Ltd has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

A2LA

Certificate Number: 5463.01

Shenzhen Tongzhou Testing Co.,Ltd has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

IC

ISED#: 22033

CAB identifier: CN0099

Shenzhen Tongzhou Testing Co.,Ltd has been listed by Innovation, Science and Economic Development Canada to perform electromagnetic emission measurement.

The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.4 and CISPR 16-1-4:2010





2. Evaluation Method and Limit

According to section B.4 of 447498 D04 Interim General RF Exposure Guidance v01

SAR-based thresholds are derived based on frequency, power, and separation distance of the RF source. The formula defines the thresholds in general for either available maximum time-averaged power or maximum time-averaged ERP, whichever is greater.

If the ERP of a device is not easily determined, such as for a portable device with a small form factor, the applicant may use the available maximum time-averaged power exclusively if the device antenna or radiating structure does not exceed an electrical length of $\lambda/4$.

As for devices with antennas of length greater than $\lambda/4$ where the gain is not well defined, but always less than that of a half-wave dipole (length $\lambda/2$), the available maximum time-averaged power generated by the device may be used in place of the maximum time-averaged ERP, where that value is not known.

The separation distance is the smallest distance from any part of the antenna or radiating structure for all persons, during operation at the applicable ERP. In the case of mobile or portable devices, the separation distance is from the outer housing of the device where it is closest to the antenna.

The SAR-based exemption formula of § 1.1307(b)(3)(i)(B), repeated here as Formula (B.2), applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power or effective radiated power (ERP), whichever is greater, of less than or equal to the threshold P_{th} (mW).

This method shall only be used at separation distances from 0.5 cm to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive). P_{th} is given by Formula (B.2).

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases} \quad (\text{B.2})$$

Where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right)$$

and f is in GHz, d is the separation distance (cm), and $ERP_{20 \text{ cm}}$ is per Formula (B.1).





3. RESULT

RF Exposure at Separation distance (cm): 0.5									
Mode	Antenna	Frequency [MHz]	Conducted Power [dBm]	Manufacturing tolerance		Antenna Gain [dBi]	Max of ERP and Conducted Power including Tune Up		SAR-based exemption threshold Pth [mW]
				Target Power [dBm]	Tolerance ±[dB]		[dBm]	[mW]	
BLE_1M	Ant1	2402	0.8	1	1	2.7	2.55	1.80	2.79
BLE_1M	Ant1	2440	1.18	1	1	2.7	2.55	1.80	2.75
BLE_1M	Ant1	2480	1.39	1	1	2.7	2.55	1.80	2.72

Max of ERP and Conducted Power including Tune Up (dBm) = Max Conducted Tune Up Power(dBm) and Max Conducted Tune Up Power(dBm) + Antenna Gain(dBi)-2.15), whichever is greater. The Maximum Erp is used for Routine Evaluation Exemption according to B.4 of 447498 D04 Interim General RF Exposure Guidance v01.

So, the SAR evaluation is not required.





4. EXTERIOR PHOTOGRAPHS OF EUT

Please refer to separated files for External Photos of the EUT.

5. INTERIOR PHOTOGRAPHS OF EUT

Please refer to separated files for Internal Photos of the EUT.

-----THE END OF REPORT-----

