


Test Report

Applicant's Name.....: Shenzhen SaiFeng Electronic Technology Co., Ltd
Address.....: Community, Ban Tin Street, LonggangDistrict, Shenzhen City, China
Manufacturer's Name.....: Shenzhen SaiFeng Electronic Technology Co., Ltd
Address.....: Community, Ban Tin Street, LonggangDistrict, Shenzhen City, China

Product Description

Product Name.....: TWS True Wireless Earbuds
Model Name.....: SE60, SE-ONE, TWS-SE
Trademark.....: /
Model difference.....: SE60 is tested model, other models are derivative models .The models are identical in circuit, only different on the model names , size and shape and color. So the test data of SE60 can represent the remaining models.
Ratings.....: Input: 5 V  1 A or DC 3.7 V power by battery
Standards.....: **EN 62479:2010**
EN 50663:2017

Report Version.....: B01

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Date of Test : Nov. 27, 2024
Date (s) of Performance of Tests : Nov. 27, 2024 to Dec. 04, 2024
Date of Issue : Dec. 04, 2024
Test Result : Pass

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1. Revision History

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Dec. 04, 2024	Valid	Original Report

2. General Information

Product Name:	TWS True Wireless Earbuds
Test Model No.:	SE60
Operation Frequency:	BT: 2402MHz-2480MHz, 79 Channels BLE: 2402MHz-2480MHz, 40 Channels
Antenna type:	PCB Antenna
Antenna Gain:	0dBi
Modulation:	BT: GFSK, $\pi/4$ DQPSK, 8DPSK
Hardware Version:	V1.0
Software Version:	V1.0
Power supply:	Input: 5 V  1 A or DC 3.7 V power by battery

3. Requirement

3.1. General Information

According to its specifications, the EUT must comply with the requirements of the following standards: EN 62479: 2010 [Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)]

3.2. Limit

- A. Typical usage, installation and the physical characteristics of equipment make it inherently compliant with the applicable EMF exposure levels such as those listed in the bibliography. This low-power equipment includes unintentional (or non-intentional) radiators, for example incandescent light bulbs and audio/visual (A/V) equipment, information technology equipment (ITE) and multimedia equipment (MME) that does not contain radio transmitters. NOTE Equipment is described as A/V equipment, ITE or MME if its main use is playback/recording of music, voice or images, or processing of digital information.
- B. The input power level to electrical or electronic components that are capable of radiating electromagnetic energy in the relevant frequency range is so low that the available antenna power and/or the average total radiated power cannot exceed the low-power exclusion level defined in 4.2.
- C. The available antenna power and/or the average total radiated power are limited by product standards for transmitters to levels below the low-power exclusion level defined in 4.2.
- D. Measurements or calculations show that the available antenna power and/or the average total radiated power are below the low-power exclusion level defined in 4.2.

3.3. Result

The available antenna power of this EUT is **BT: 2.86mW(4.56dBm) and BLE: 1.34mW(1.27dBm)** the power are below the low-power exclusion level defined in 4.2(Pmax: 20mW)."

End of report