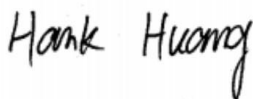


RF Exposure Evaluation Report

APPLICANT : Amazon.com Services LLC
EQUIPMENT : Wireless Accessory
MODEL NAME : B85V52
FCC ID : 2A4DH-2880
STANDARD : 47 CFR PART 2.1093

The product evaluation date was started from Sep. 08, 2025 and completed on Sep. 08, 2025. We, Sporton International Inc. (Shenzhen),, would like to declare that the device has been evaluated in accordance with 47 CFR Part 2.1093 and FCC KDB 447498 D04 v01, and pass the limit. Without written approval of Sporton International Inc. (Shenzhen),, the test report shall not be reproduced except in full.



Approved by: Hank Huang

Sporton International Inc. (Shenzhen)

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People's Republic of China



Table of Contents

1. ADMINISTRATION DATA	4
1.1. Testing Laboratory	4
2. DESCRIPTION OF EQUIPMENT UNDER TEST (EUT)	5
3. MAXIMUM RF TUNE UP POWER AMONG PRODUCTION UNITS	5
4. RF EXPOSURE EVALUATION	6

**Revision History**

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA520616-01	Rev. 01	Initial issue of report	Sep. 15, 2025
FA520616-01	Rev. 02	Updated Equipment Name This report is an updated version, replacing the report issued on Sep. 15, 2025.	Feb. 09, 2026



1. Administration Data

1.1. Testing Laboratory

Sporton International Inc. (Shenzhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Testing Laboratory			
Test Firm	Sporton International Inc. (Shenzhen)		
Test Site Location	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	SAR01-SZ	CN1256	421272

Applicant	
Company Name	Amazon.com Services LLC
Address	410 Terry Avenue N, Seattle, WA 98109-5210, United States

2. Description of Equipment Under Test (EUT)

Product Feature & Specification	
EUT Type	Wireless Accessory
Model Name	B85V52
FCC ID	2A4DH-2880
Wireless Technology and Frequency Range	Bluetooth: 2402 MHz ~ 2480 MHz specific RF technology: 111 kHz ~ 489 kHz
Mode	Bluetooth LE specific RF technology: BPSK
Antenna Type	Bluetooth : FPC Antenna specific RF technology: Coil Antenna
Antenna Gain	Bluetooth: gain -0.58 dBi
Remark: 1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description. 2. The EUT is only used with the digital media device through software control, and the operating frequency is 339.302 kHz. 3. The specific RF technology RF Exposure report will be separately submitted.	

Comments and Explanations:
1. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.
2. The maximum RF output tune up power, antenna gain also the safe distance used for evaluate RF exposure were declared by manufacturer.

3. Maximum RF Tune Up power among production units

<Bluetooth>

Mode	Maximum Average Power (dBm)
Bluetooth LE	0.00

4. RF Exposure Evaluation

Mode	Maximum Average Power (dBm)
Bluetooth LE	0.00

General Note:

- Per KDB 447498 D04v01, Maximum power defines the thresholds in general for either available maximum time-averaged power or maximum time-averaged ERP, whichever is greater.
- Per KDB 447498 D04v01, 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. For larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.
- Per KDB 447498 D04v01, 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).
 - 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).

$$ERP_{20\text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} < f \leq 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} < f \leq 6 \text{ GHz} \end{cases} \quad [\text{B.1}]$$

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

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

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

- Per KDB 447498 D04v01, at 100 MHz to 6 GHz, the SAR test exclusion threshold is determined according to the following:

Frequency (MHz)	Antenna Gain (dBi)	Power(dB)	Max Power P_i (mW)	d(mm)	exclusion threshold(P_{th})	Testing SAR required?	P_i/P_{th}
2480	-0.58	0.00	1.00	<5	2.72	No	0.368

<TER>

Bluetooth Ratio	specific RF technology 1g SAR (W/kg)	Bluetooth Ratio+ specific RF technology SAR/1.6 Summation
0.368	0.001	0.369

Note:

- The specific RF technology RF Exposure report will be separately submitted.
- The simultaneous transmission analysis, considering specific RF technology highest SAR is very smaller and much less than 0.001.

According to KDB 447498 D04v01, for the evaluation of simultaneous transmissions, the TER calculation is also less than 1, the RF exposure analysis concludes that the RF Exposure is FCC compliant.

-----THE END-----