



RF Exposure Evaluation Report

APPLICANT : Honor Device Co., Ltd.
EQUIPMENT : Smart Band
BRAND NAME : HONOR
MODEL NAME : CRS-B39S
FCC ID : 2AYGCCRS-B39S
Standard : 47 CFR Part 2.1093
FCC KDB 447498 D01 v06
ANSI/IEEE C95.1-1992

We, Sporton International (Kunshan) Inc., would like to declare that the device has been evaluated in accordance with 47 CFR Part 2.1091 and FCC KDB 447498 D01 v06, and pass the limit. Without written approval of Sporton International (Kunshan) Inc., the test report shall not be reproduced except in full.

Reviewed by: Rose Wang / Supervisor

Approved by: Kat Yin / Manager



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History of this test report

Report No.	Version	Description	Issued Date
FA0D0206	Rev. 01	Initial issue of report	Dec. 25, 2020
FA0D0206	Rev. 02	Add FCC ID information	Feb. 09, 2021
FA0D0206	Rev. 03	Updated BT tune up power	Mar. 01, 2021



1. Administration Data

Sportun International (Kunshan) Inc. is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Testing Laboratory		
Test Firm	Sportun International (Kunshan) Inc.	
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158 FAX : +86-512-57900958	
Test Site No.	FCC Designation No.	FCC Test Firm Registration No.
	CN1257	314309

Applicant	
Company Name	Honor Device Co., Ltd.
Address	Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, Guangdong, China

Manufacturer	
Company Name	Honor Device Co., Ltd.
Address	Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, Guangdong, China

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 used for evaluate RF exposure were declared by manufacturer.



2. General Information

2.1 Description of Device Under Test (DUT)

Product Feature & Specification	
EUT Type	Smart Band
Brand Name	HONOR
Model Name	CRS-B39S
FCC ID	2AYGCCRS-B39S
Wireless Technology and Frequency Range	Bluetooth: 2402 MHz ~ 2480 MHz
Mode	Bluetooth LE
Antenna Type/Gain	Internal Antenna with -2.0 dBi gain
HW Version	R1
SW Version	1.1.0.166
EUT Stage	Production Unit

Remark: The above DUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.



3. Maximum RF Tune Up Power among production units

<Bluetooth>

Mode	Maximum Average Power (dBm)
Bluetooth LE	5.00



4. RF Exposure Evaluation

Mode	Average power(dBm)
Bluetooth LE	
Bluetooth LE	5.0

Note:

1. Per KDB 447498 D01v06 the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* \leq 50 mm are determined by:
$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$
 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR
 - $f(\text{GHz})$ is the RF channel transmit frequency in GHz
 - Power and distance are rounded to the nearest mW and mm before calculation
 - The result is rounded to one decimal place for comparison

Bluetooth Max Power (dBm)	Separation Distance (mm)	Frequency (GHz)	exclusion thresholds
5.0	< 5	2.48	1.0

Conclusion:

Per KDB 447498 D01v06, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion. The test exclusion threshold is 1.0 which is ≤ 7.5 , Limbs SAR testing is not required and complied with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (4.0 W/kg over 10g for Limbs) specified in FCC 47 CFR part 2 (2.1093) and ANSI/IEEE C95.1-1992.