



# RF Exposure Evaluation Report

APPLICANT : Cash US LLC  
EQUIPMENT : Digital Media Receiver  
MODEL NAME : BP39CN  
FCC ID : 2ALV8-4833  
STANDARD : 47 CFR Part 2.1093  
FCC KDB 447498 D01 v06

We, SPORTON INTERNATIONAL INC., would like to declare that the device has been evaluated in accordance with 47 CFR Part 2.1093, and pass the limit. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by: Eric Huang / Manager

Approved by: Jones Tsai / Manager



## SPORTON INTERNATIONAL INC.

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## **Revision History**

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA7O1301-01	Rev. 01	Initial issue of report	Feb. 13, 2018



## **1. Administration Data**

<b>Testing Laboratory</b>	
<b>Test Site</b>	SPORTON INTERNATIONAL INC.
<b>Test Site Location</b>	No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978

<b>Applicant</b>	
<b>Company Name</b>	Cash US LLC
<b>Address</b>	175 Capital Blvd, 4th Floor, Rocky Hill, Connecticut 06067



## 2. General Information

### 2.1 Description of Device Under Test (DUT)

Product Feature & Specification	
DUT Type	Digital Media Receiver
Model Name	BP39CN
FCC ID	2ALV8-4833
Wireless Technology and Frequency Range	Bluetooth: 2402 MHz ~ 2480 MHz
Mode	Bluetooth BR/EDR/LE
Antenna Type	Fixed Internal Antenna

**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 output power among production units

Band / Mode	Average Power (dBm)			
	BR / EDR			LE
	1M	2M	3M	GFSK
Bluetooth	8	8	8	4.5



#### 4. RF Exposure Evaluation

Bluetooth Max Power (dBm)	mW	Separation Distance (mm)	Frequency (GHz)	Exclusion Thresholds
8	6.31	5	2.48	1.99

**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  $\leq$  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

**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 1.99 which is  $\leq$  7.5, SAR testing is not required.