



# Spot Check Evaluation

**APPLICANT** : Amazon.com Services LLC  
**EQUIPMENT** : Digital Media Receiver  
**MODEL NAME** : C4E8S3  
**FCC ID** : 2A4DH-1115  
**STANDARD** : 47 CFR Part 15 Subpart C §15.247  
47 CFR Part 15 Subpart E §15.407

We, Sporton International Inc. (Shenzhen), would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Shenzhen), the test report shall not be reproduced except in full.

Jason Jia



Approved by: Jason Jia

**Sporton International Inc. (ShenZhen)**

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**People's Republic of China**



# TABLE OF CONTENTS

REVISION HISTORY..... 3

1 GENERAL DESCRIPTION..... 4

    1.1 Applicant ..... 4

    1.2 Product Feature of Equipment Under Test..... 4

    1.3 Modification of EUT ..... 4

    1.4 Testing Location ..... 4

2 RE-USE OF MEASURED DATA..... 5

    2.1 Introduction Section ..... 5

    2.2 Model Difference Information ..... 5

    2.3 Reference detail Section: ..... 5

    2.4 Spot Check Verification Data Section..... 6

3 LIST OF MEASURING EQUIPMENT..... 7



### REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
1D0934-02A	Rev. 01	Initial issue of report	Aug. 01, 2022



# 1 General Description

## 1.1 Applicant

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

## 1.2 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	C4E8S3
FCC ID	2A4DH-1115

## 1.3 Modification of EUT

No modifications are made to the EUT during all test items.

## 1.4 Testing Location

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

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.
	TH01-SZ	CN1256	421272



## 2 Re-use of Measured Data

### 2.1 Introduction Section

This application re-uses data collected on a similar device. The subject device of this application (Model: C4E8S3, FCC ID: 2A4DH-1115) is electrically identical to the reference device (Model: C2N6L4, FCC ID: 2A4DH-0821) for the portions of the circuitry corresponding to the data being re-used. Based on their similarity, the FCC Part 15C (equipment class: DTS, DSS) and FCC Part 15E (equipment class: NII) reuse the original model's result and do spot-check, following the FCC KDB 484596 D01 v01.

The applicant takes full responsibility that the test data as referenced in this report represent compliance for this FCC ID: 2A4DH-1115 .

### 2.2 Model Difference Information

The **main** difference between FCC ID: 2A4DH-0821 and FCC ID: 2A4DH-1115 is as below:

- C4E8S3 has more LED's.
- C4E8S3 has an aluminum speaker box. C2N6L4 has an aluminum speaker box or a plastic speaker box.

Amazon.com Services LLC, hereby declares that parent and variant are electrical identical. Therefore the WLAN/Bluetooth report/data of parent may represent fo variant.

### 2.3 Reference detail Section:

Rule Part	Equipment Class	Frequency Band (MHz)	Reference FCC ID(Parent)	Type Grant/ Permissive Change	Reference Title	FCC ID Filling (Variant)	Report Title/Section
15C	DSS (BR/EDR)	2400~2483.5	2A4DH-0821	Original Grant	FR1D0934-01A	2A4DH-1115	All sections applicable
	DTS (BLE)	2400~2483.5	2A4DH-0821	Original Grant	FR1D0934-01B	2A4DH-1115	All sections applicable
	DTS (WLAN)	2400~2483.5	2A4DH-0821	Original Grant	FR1D0934-01C	2A4DH-1115	All sections applicable
15E	U-NII-1	5180~5240	2A4DH-0821	Original Grant	FR1D0934-01D	2A4DH-1115	All sections applicable
	U-NII-2A	5260~5320	2A4DH-0821	Original Grant	FR1D0934-01D	2A4DH-1115	All sections applicable
	U-NII-2C	5500~5720	2A4DH-0821	Original Grant	FR1D0934-01D	2A4DH-1115	All sections applicable
	U-NII-3	5745~5825	2A4DH-0821	Original Grant	FR1D0934-01E	2A4DH-1115	All sections applicable
	DFS	5260~5320 5500~5720	2A4DH-0821	Original Grant	FZ1D0934-01	2A4DH-1115	All sections applicable



### 2.4 Spot Check Verification Data Section

Conducted power test against the variant model based on the worst-case condition from the original model was performed in this filing to demonstrate the test data from original model remains representative for the variant model

Summary for power spot check for each rule entry and technology is listed as below:

Test Item	Mode	2A4DH-0821 Parent Worst Result	2A4DH-1115 Variant Check Result	Difference (dB)
Conducted Power (dBm)	11b CH06 Setting 19.5	17.4	17.3	-0.1
	11g CH06 Setting 17	17.4	17.3	-0.1
	11n HT20 CH06 Setting 17	17.5	17.4	-0.1
	11a CH100 Setting18	17.90	17.76	-0.14
	11a CH157 Setting18	17.48	17.42	-0.06
	11n HT20 CH100 Setting 17	17.03	16.91	-0.12
	11n HT20 CH157 Setting 17	16.44	16.37	-0.07
	11n HT40 CH54 Setting 17	16.96	16.85	-0.11
	11n HT40 CH159 Setting 17	16.58	16.50	-0.08
	11ac VHT20 CH100 Setting 17	17.02	16.88	-0.14
	11ac VHT20 CH157 Setting 17	16.36	16.26	-0.1
	11ac VHT40 CH46 Setting 17	16.93	16.81	-0.12
	1ac VHT40 CH159 Setting 17	16.52	16.42	-0.1
	1ac VHT80 CH122 Setting 17	16.70	16.48	-0.22
	11ac VHT80 CH155 Setting 17	16.37	16.31	-0.06
	BT2.0 DH5 CH39	9.0	9.1	0.1
	BLE1M CH19	4.9	4.7	-0.2
	BLE2M CH19	4.8	4.7	-0.1

Conclusion:

Based on the spot check test result, the test data from the original model is representative for the variant model. The power level spot check are shown within expected level compliant to limit line. The same DFS detection is used in the variant. Hence, there no spot check for DFS We confirm that the test data reuse policy of FCC KDB 484596 D01 Referencing Test Data v01 has been followed and the test data as referenced from the parent model report represents compliance with new FCC ID.



### 3 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 07, 2022	Jul. 06, 2022	Apr. 06, 2023	Conducted (TH01-SZ)
Pulse Power Sensor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 28, 2021	Jul. 06, 2022	Dec. 27, 2022	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1542004	50MHz Bandwidth	Dec. 28, 2021	Jul. 06, 2022	Dec. 27, 2022	Conducted (TH01-SZ)

NCR: No Calibration Required.

-THE END-