FCC TEST REPORT

Report No.:	AB25100020FW03
FCC ID.:	**2BH9J-DSDA1**
Applicant.:	EV4 Ltd
Address.:	KAD HOUSE PORTSMOUTH ROAD ESHER KT10 9AD UK
Manufacturer.:	EV4 Ltd
Address.:	KAD HOUSE PORTSMOUTH ROAD ESHER KT10 9AD UK
Product Name.:	Mini PC Media Player
Trade Mark.:	DSDevices
Test Model.:	DSDA1
Additional Model(s).:	/
Standard.:	FCC Part 2 (Section 2.1091) KDB 447498 D01 IEEE C95.1
Date of Receipt.:	2025.10.16
Date of Issue.:	2025.10.29
Test Result.:	Pass

Compiled by: (Printed Name + Signature)	Huaijie Li	Huaijie Li
Supervised by: (Printed Name + Signature)	David Huang	David Huang
Approved by: (Printed Name + Signature)	Jay Liu	Jay Liu

Testing Laboratory Name.:	Aibo Standard Technology (Shenzhen) Co., Ltd.
Address.:	101, Building B, Tuori New Energy Industrial Park, High-tech Park, Tianliao Community, Yutang Street, Guangming District, Shenzhen City, Guangdong Province, China

FCC TEST REPORT

EUT.....	:	Mini PC Media Player
Test Model.....	:	DSDA1
Applicant.....	:	**EV4 Ltd**
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Test Result	**Positive**

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

REPORT VERSION

Version No.	Issue Date	Description
01	2025.10.29	Initial Issue

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1. GENERAL INFORMATION

1.1. GENERAL DESCRIPTION OF EUT

Product Name:	Mini PC Media Player
Trade Mark:	DSDevices
Test Model:	DSDA1
Additional Model(s):	/
Software Version:	V1.0
Power Supply:	/
EUT Supports Function: (Provided by the customer)	2.4G WIFI, 5G WIFI
Test Sample(s) Number:	AB25100020-01 (Engineer Sample)
Radio Specification Subject to this Report	
2.4GWIFI	
Radio Specification:	IEEE 802.11b/g/n
Frequency Range:	2412MHz~2462MHz for IEEE 802.11b/g/n(HT20) 2422MHz~2452MHz for IEEE 802.11n(HT40)
Modulation Type:	IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM (64-QAM, 16-QAM, QPSK, BPSK) IEEE 802.11n-HT20: OFDM (64-QAM, 16-QAM, QPSK, BPSK) IEEE 802.11n-HT40: OFDM (64-QAM, 16-QAM, QPSK, BPSK)
Channel Spacing:	5MHz
Channel Number(s):	11 Channels for IEEE 802.11b/g/n(HT20) 7 Channels for IEEE 802.11n(HT40)
Antenna Type:	Integral Antenna
Antenna Gain:	5dBi
5G WIFI	
Radio Specification:	IEEE 802.11a/n/ac
Frequency Range:	5150MHz~5250MHz for U-NII Band1 5745MHz~5825MHz for U-NII Band3
Modulation Type:	IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64-QAM, 16-QAM, QPSK, BPSK) IEEE 802.11ac: OFDM(256QAM, 64QAM, 16QAM, QPSK, BPSK)
Channel Spacing:	IEEE 802.11a/n(HT20)/ac(VHT20): 20MHz IEEE 802.11n(HT40)/ac(VHT40): 40MHz IEEE 802.11ac(VHT80): 80MHz
Channel Number(s):	**U-NII Band1:** 4 for IEEE 802.11a/n(HT20)/ac(VHT20) 2 for IEEE 802.11n(HT40))/ac(VHT40) 1 for IEEE 802.11ac(VHT80) **U-NII Band3:** 5 for IEEE 802.11a/n(HT20)/ac(VHT20) 2 for IEEE 802.11n(HT40))/ac(VHT40)

	1 for IEEE 802.11ac(VHT80)	
Antenna Type:	Integral Antenna	
Antenna Gain:	U-NII Band1:	5dBi
	U-NII Band3:	5dBi
TPC Function:	Not Support	

1.2. DESCRIPTION OF TEST FACILITY

Test Lab: Aibo Standard Technology (Shenzhen) Co., Ltd.
Address: 101, Building B, Tuori New Energy Industrial Park, High-tech Park, Tianliao Community, Yutang Street, Guangming District, Shenzhen City, Guangdong Province, China
Tel.: +86 755 85250797
E-mail: aibo@aibonorm.com
Website: www.aibonorm.com

The test facility is recognized, certified, or accredited by the following organizations:
A2LA-Lab Certificate No.: 7514.01
Aibo Standard Technology (Shenzhen) Co., Ltd. has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC Accredited Lab.
Designation Number: CN1411
Test Firm Registration Number: 567066

ISED Wireless Device Testing Laboratories
CAB identifier: CN0185

2. RF EXPOSURE EVALUATION

2.1 Limit

The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b)

Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm2)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f2)	6
30-300	61.4	0.163	1.0	6
300-1500			f/300	6
1500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f2)	30
30-300	27.5	0.073	0.2	30
300-1500			f/1500	30
1500-100,000			1.0	30

f = frequency in MHz

Friis transmission formula: Pd = (Pout*G)/(4*pi*r2)

Where

Pd = power density in mW/cm2, Pout = output power to antenna in mW;

G = gain of antenna in linear scale, Pi = 3.1416;

R = distance between observation point and center of the radiator in cm

Pd id the limit of MPE, 1 mW/cm2. If we know the maximum gain of the antenna and the total power input to the antenna, through the calculation, we will know the distance r where the MPE limit is reached.

Test Procedure

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

2.2 Evaluation Result

2.4G WIFI

Mode	Max EIRP(dBm)	Max EIRP(mW)	Power Density at R=20cm (mW/cm^2)	Limit (mW/cm^2)	Result
g	12.12	16.293	0.003241	1.0	PASS

5G WIFI

Mode	Max EIRP(dBm)	Max EIRP(mW)	Power Density at R=20cm (mW/cm^2)	Limit (mW/cm^2)	Result
ac80	12.12	16.293	0.003241	1.0	PASS

5.8G WIFI

Mode	Max EIRP(dBm)	Max EIRP(mW)	Power Density at R=20cm (mW/cm^2)	Limit (mW/cm^2)	Result
a	12.21	16.634	0.003309	1.0	PASS

So a SAR test is not required

**********THE END**********