Zhejiang Hooeasy Technology Co., Ltd.

SAR COMPLIANCE REPORT

Report Type:
FCC SAR assessment report

Model:
DC2700AC, DC2708AA

REPORT NUMBER
250400475HAN-002

ISSUE DATE
May 27, 2025

DOCUMENT CONTROL NUMBER:
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Total Quality. Assured.

TEST REPORT

Report no.: 250400475HAN-002

Applicant:	**Zhejiang Hooeasy Technology Co., Ltd.** **No.188, Jinpin Road, Jiangdong Town, Jindong District 321042 Jinhua City, Zhejiang Province PEOPLE'S REPUBLIC OF CHINA**
Manufacturer:	**Zhejiang Hooeasy Technology Co., Ltd.** **No.188, Jinpin Road, Jiangdong Town, Jindong District 321042 Jinhua City, Zhejiang Province PEOPLE'S REPUBLIC OF CHINA**
Factory:	**Zhejiang Hooeasy Technology Co., Ltd. Jiangdong Branch** **No.55, Jiangxing North Street, Jiangdong Town,Jindong District 321042 Jinhua, Zhejiang PEOPLE'S REPUBLIC OF CHINA**
FCC ID:	**2BPAM-20251818**

SUMMARY:

The equipment complies with the requirements according to the following standard(s) or Specification:
KDB447498 D04 Interim General RF Exposure Guidance v01 FCC Part2.1093, FCC Part1.1307(b)

PREPARED BY:	**REVIEWED BY:**
Offa Zhou	Wakeyou Wang
Project Engineer	Reviewer

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TEST REPORT

Revision History

Report No.	Version	Description	Issued Date
250400475HAN-002	Rev. 01	Initial issue of report.	May 27, 2025

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TEST REPORT

1 GENERAL INFORMATION

1.1 Description of Equipment Under Test (EUT)

Product name:	Single Channel Emitter
Type/Model:	DC2700AC, DC2708AA
Description of EUT:	The EUT covered in the report is RF remote controller with 433MHz as carrier. DC2700AC and DC2708AA are the same except for the appearance.
Rating:	3VDC
Category of EUT:	Class B
EUT type:	☒ Tabletop ☐ Floor standing
Software Version:	/
Hardware Version:	/
Sample received date:	April 18, 2025
Date of test:	April 22, 2025 ~ May 10, 2025

1.2 Technical Specification

Operation Frequency:	433.920MHz
Type of Modulation:	ASK
Product Type:	☐ Mobile ☒ Portable ☐ Fix Location
Channel Number:	1
Antenna Designation:	Integral PCB antenna, non-user removable

TEST REPORT

1.3 Description of Test Facility

Name:	Intertek Testing Services (Shanghai FTZ) Co., Ltd.
Address:	Building 86, No. 1198 Qinzhou Road (North), Shanghai 200233, P.R. China
Telephone:	86 21 61278200
Telefax:	86 21 54262353

The test facility is recognized, certified, or accredited by these organizations:	CNAS Accreditation Lab Registration No. CNAS L21189
	FCC Accredited Lab Designation Number: CN0175
	IC Registration Lab CAB identifier.: CN0014
	VCCI Registration Lab Member No: 3598 (Registration No.: R-14243, G-10845, C-14723, T-12252)
	A2LA Accreditation Lab Certificate Number: 3309.02

TEST REPORT

2 SAR Assessment

Test result: **PASS**

2.1 SAR Test Exclusion Limit

This method shall only be used at separation distances up to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive). P_{th} is given by Formula below:

$$P_{\text{th}}\ (\text{mW}) = \begin{cases} ERP_{20\ \text{cm}}(d/20\ \text{cm})^{x} & d \le 20\ \text{cm} \\ ERP_{20\ \text{cm}} & 20\ \text{cm} < d \le 40\ \text{cm} \end{cases}$$

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

f is in GHz, *d* is the separation distance (cm), and ERP_{20cm} is per Formula above.
The example values shown in below are for illustration only.

Frequency (MHz) \ Distance (mm)	5	10	15	20	25	30	35	40	45	50
300	39	65	88	110	129	148	166	184	201	217
450	22	44	67	89	112	135	158	180	203	226
835	9	25	44	66	90	116	145	175	207	240
1900	3	12	26	44	66	92	122	157	195	236
2450	3	10	22	38	59	83	111	143	179	219
3600	2	8	18	32	49	71	96	125	158	195
5800	1	6	14	25	40	58	80	106	136	169

2.2 Assessment Results

As we can see from the test report 250400475HAN-001:

The highest EIRP adjusted with tune-up tolerance is: 78.17 - 95.30 = -17.13 dBm = 0.019 mW.
0.019 mW < 22mW (Test Exclusion Thresholds of 450MHz at 5mm). Therefore, the SAR requirement is deemed to be satisfied without test.

********** END **********