

Magnolia Home Furnishing Inc.

SAR COMPLIANCE REPORT

Report Type:
FCC SAR assessment report

Model:
RX1

REPORT NUMBER:
260301020HAN-002

ISSUE DATE:
May 24, 2026

DOCUMENT CONTROL NUMBER:
TTRFFCCSAR-01_V1
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Applicant: Magnolia Home Furnishing Inc.
78 Howard Ave., Oakville, Ontario, Canada L6J 3Y5

Manufacturer: Magnolia Home Furnishing Inc.
78 Howard Ave., Oakville, Ontario, Canada L6J 3Y5

Factory: Shen Zhen Feawell Technology Company Limited
3/F, 8#, Lanshuxia park, Liangantian, Pinghu Longgang District ShenZhen
China

FCC ID: 2A8S3-RX1

SUMMARY:

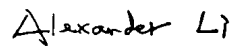
The equipment complies with the requirements according to the following standard(s) or Specification:

KDB447498 D04 General RF Exposure Guidance v01

FCC Part2.1093, FCC Part1.1307(b)

PREPARED BY:**REVIEWED BY:**

Offa Zhou
Project Engineer



Alexander Li
Reviewer

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Revision History

Report No.	Version	Description	Issued Date
260301020HAN-002	Rev. 01	Initial issue of report	May 24, 2026

1 GENERAL INFORMATION

1.1 Description of Equipment Under Test (EUT)

Product name:	RF remote control
Type/Model:	RX1
Description of EUT:	The EUT covered in the report is RF remote controller with 433MHz as carrier.
Rating:	DC 3V
Category of EUT:	Class B
EUT type:	☒ Tabletop ☐ Floor standing
Software Version:	V0.01
Hardware Version:	/
Sample received date:	March 23, 2026
Sample Identification No.:	/
Date of test:	March 30, 2026 ~ May 15, 2026

1.2 Technical Specification

Frequency Range:	433.908MHz
Support Standards:	SRD
Type of Modulation:	ASK
Product Type:	☐ Mobile ☒ Portable ☐ Fix Location
Channel Number:	1
Antenna Information:	Integral PCB antenna, OdBi max (Declared by manufacture)

1.3 Description of Test Facility

Name : Intertek Testing Services Zhejiang Ltd.
Address : Building No. 2, Juanhu Science and Technology Innovation Park,
No. 500 Shuiyueting East Road, Haining City, Zhejiang Province, China
Telephone : +86 573 8713 7201

The test facility is : CNAS Accreditation Lab
recognized, certified, Registration No. CNAS L13980
or accredited by these A2LA Accredited Lab
organizations Certificate Number: 7662.01
FCC Accredited Lab
Designation Number: CN1452
IC Registration Lab
CAB Identifier: CN0197
VCCI Registration Lab
Member No: 4464 (Registration No.: C-20226, T-20227, R-20273, G-20261)

2 SAR Assessment

Test result: **PASS**

2.1 SAR Test Exclusion Limit

This method shall only be used at separation distances from 0.5 cm to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive). P_{th} is given by Formula below:

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

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

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

The highest AV EIRP adjusted with tune-up tolerance is $61.91 - 95.26 = -33.35$ dBm
 $= 0.00045$ mW < 22 mW (Test Exclusion Thresholds of 450MHz at 5mm). Therefore, the SAR requirement is deemed to be satisfied without test.

END of the report