

TEST REPORT

Product Name : Remote Control
Model Number : RC-WM-208-001, RC-WM-214-001, RC-WM-208,
RC-WM-214
FCC ID : VFK-RC-WM-208

Prepared for : Ascion, LLC
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United States

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1. TEST RESULT CERTIFICATION

Applicant : Ascion, LLC

Address : 2066 Franklin Rd., Bloomfield Hills, Michigan 48302, United States

Manufacturer : SUZHOU MOTECK ELECTRONICS-TECHNOLOGY CO., LTD

Address : NO. 500, HUBEI ROAD, FENHU ECONOMIC DEVELOPMENT ZONE,
WUJIANG CITY, JIANGSU PROVINCE, CHINA

Factory : SUZHOU MOTECK ELECTRONICS-TECHNOLOGY CO., LTD

Address : NO. 500, HUBEI ROAD, FENHU ECONOMIC DEVELOPMENT ZONE,
WUJIANG CITY, JIANGSU PROVINCE, CHINA

EUT : Remote Control

Model Name : RC-WM-208-001, RC-WM-214-001, RC-WM-208, RC-WM-214

Trademark : Havertys, Reverie

Measurement Procedure Used:

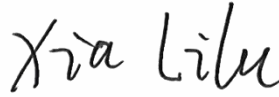
APPLICABLE STANDARDS	
STANDARD	TEST RESULT
§ 15.231, § 2.1093	PASS

The above equipment was tested by EMTEK (SHENZHEN) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2020) and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules FCC § 15.231, § 2.1093.

The test results of this report relate only to the tested sample identified in this report

Date of Test : Nov 18, 2025 to Dec 04, 2025

Prepared by : 
Yu Xiaolan /Editor

Reviewer : 
Xia Lilu/Supervisor

Approve & Authorized Signer : 
Wang Li/Manager



Modified History

Version	Report No.	Revision Date	Summary
	ENS2511180153W00302R	/	Original Report



2. EUT Specification

Characteristics	Description
Product:	Remote Control
Model Number:	RC-WM-208-001, RC-WM-214-001, RC-WM-208, RC-WM-214 All products are identical except the model number and surface sticker pattern. Here we selected RC-WM-208-001 for all the test.
Sample:	1#
Device Type:	Remote Control
Modulation:	FSK
Operating Frequency Range(s) :	433.92MHz
Number of Channels:	1 channel
Antenna Type :	PCB antenna
Antenna Gain:	3.87 dBi
Power supply:	DC 4.5V from battery
Evaluation applied:	☐ MPE Evaluation ☒ SAR Evaluation

3. Test Requirement

SAR Evaluation

According to 447498 D01 V06, systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 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 ≤ 7.5 for 10-g extremity SAR,²⁴ where

- $f_{(\text{GHz})}$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation²⁵
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

The test exclusions are applicable only when the minimum *test separation distance* is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum *test separation distance* is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

Routine SAR evaluation refers to that specifically required by § 2.1093, using measurements or computer simulation. When routine SAR evaluation is not required, portable transmitters with output power greater than the applicable low threshold require SAR evaluation to qualify for TCB approval. One antenna is available for the EUT. The minimum separation distance is 5mm.

4. Measurement Result

Antenna gain: 3.87 dBi

Channel Freq. (MHz)	Max Field Strength (dBuV/m)	peak output power (dBm)	Tune up Power (dBm)	Max tune up power (dBm)	Calculation Result	Calculation threshold(1-g SAR)
433.92	76.14	-19.09	-19±1	-18	0.0021	3

*** End of Report ***

