TEST REPORT

Product Name : Remote control
Model Number : ZQ10138, ZQ10136
FCC ID : 2A6EW-ZQ10138

Prepared for	:	Shenzhen Zhuoqiong Technology Co., Ltd.
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Table of Contents

1. TEST RESULT CERTIFICATION 3
2. EUT SPECIFICATION 5
3. TEST REQUIREMENT: 6
4. MEASUREMENT RESULT 7

1. TEST RESULT CERTIFICATION

Applicant	:	Shenzhen Zhuoqiong Technology Co., Ltd.
Address	:	101-01, No.2 Factory Building, Huanxing Company, No.4034, Banxuegang Avenue, Xiangjiaotang Community, Bantian Street, Longgang District,
Manufacturer	:	Shenzhen Zhuoqiong Technology Co., Ltd.
Address	:	101-01, No.2 Factory Building, Huanxing Company, No.4034, Banxuegang Avenue, Xiangjiaotang Community, Bantian Street, Longgang District,
Factory	:	Shenzhen Zhuoqiong Technology Co., Ltd.
Address	:	101-01, No.2 Factory Building, Huanxing Company, No.4034, Banxuegang Avenue, Xiangjiaotang Community, Bantian Street, Longgang District,
EUT	:	Remote control
Model Name	:	ZQ10138, ZQ10136
Trademark	:	N/A

Measurement Procedure Used:

APPLICABLE STANDARDS	
STANDARD	**TEST RESULT**
§ 2.1091	**PASS**

The above equipment was tested by EMTEK(DONGGUAN) 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 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules FCC § 2.1091.
The test results of this report relate only to the tested sample identified in this report

Date of Test : August 03, 2026 to August 21, 2026

Prepared by : Jessica Zhang
Jessica Zhang /Editor

Reviewer : Warren Deng
Warren Deng /Supervisor

Approve & Authorized Signer :
Sam Lv / Manager

Modified History

Version	Report No.	Revision Date	Summary
	EDG2608110049E00102R	/	Original Report

2. EUT Specification

Characteristics	Description
Product:	Remote control
Model Number:	ZQ10138, ZQ10136 Note: All models are the same, only the model name and appearance color are different. Here, model ZQ10138 is selected to complete all the tests.
Sample:	2#
Device Type:	315MHz
Modulation:	FSK for 315MHz
Operating Frequency Range(s) :	315MHz
Number of Channels:	1 channel for 315MHz
Transmit Power Max:	315MHz: 27.24dBuV@3m
Antenna Type:	ANT1: 4436 Polished Antenna ANT2: PCB antenna NOTE: When the product emits radiation, two antennas work at the same time, and it is impossible to switch the working state of a single antenna.
Power supply:	DC 12V from Battery
Evaluation applied:	☐ MPE Evaluation ☒ SAR Evaluation

3. Test Requirement:

RF EXPOSURE EVALUATION

According to §15.247(i) and §1.1307(b)(1), 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:

[(*max. power of channel, including tune-up tolerance, mW*)/(*min. test separation distance, mm*)] · [$\sqrt{f_{(GHz)}}$] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR,[24] where

- $f_{(GHz)}$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation[25]
- 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 quality for TCB approval.
One antenna is available for the EUT. The minimum separation distance is 5mm.

4. Measurement Result

315MHz

Channel Freq. (MHz)	Max Field Strength (dBuV/m)	peak output power (dBm)	Tune upPower (dBm)	Max tune up power(dBm)	Calculation Result	1-g SAR
315	27.24	-66.92	-20±1	-66	0.00019894	3

According to KDB 447498, no stand-alone required for WIFI antenna, and no simultaneous SAR measurement is required.

*** End of Report ***