

REM-EMIESS22Q230DAV-05Av0

MPE test report**According to the standard:****CFR 47 FCC PART 15****Equipment under test:*****DAVEYTRONIC PROGRAMMING UNIT PU*****FCC ID: 2AUQC-PUDAVEY23****Company:****DAVEY BICKFORD****Distribution:** Mrs STOJANOVIC**(Company:** DAVEY BICKFORD)**Number of pages:** 5

Ed.	Date	Modified Page(s)	Technical Verification and Quality Approval	
			Name and Function	Visa
0	22-Aug-23	Creation	S. LOUIS, Radio Technician	

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This document is the result of testing a specimen or a sample of the product submitted. It does not imply an assessment of the conformity of the whole manufactured products of the tested sample.

Information in italics are declared by the manufacturer/customer and are under his responsibility

DESIGNATION OF PRODUCT: *DAVEYTRONIC PROGRAMMING UNIT PU*

Serial number (S/N): 2903

Reference / model (P/N): *PU-23*

Software version: *User interface V2.6.4
Driver V3.1.1*

MANUFACTURER: *DAVEY BICKFORD*

COMPANY SUBMITTING THE PRODUCT:

Company: DAVEY BICKFORD

Address: LE MOULIN GASPARD
CHEMIN DE LA PYROTECHNIE
89550 HERY
FRANCE

Responsible: Mrs STOJANOVIC

DATE(S) OF TEST: From 17-Jul-23 to 25-Jul-23

TESTING LOCATION: EMITECH ANGERS laboratory at JUIGNE SUR LOIRE (49) FRANCE
FCC Accredited under US-EU MRA Designation Number: FR0009
Test Firm Registration Number: 873677

TESTED BY: B. VOVARD

VISA:



WRITTEN BY: B. VOVARD

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REVISIONS HISTORY

Revision	Date	Modified pages	Modifications
0	18-Aug-23	/	Creation

1. INTRODUCTION

This report presents the results of radio test carried out on the following radio equipment: **DAVEYTRONIC PROGRAMMING UNIT PU**, in accordance with normative reference.

The device under test integrate:

- RFID Reader not already certified

The host device of certified module(s) shall be properly labeled to identify the module(s) within.

2. PRODUCT DESCRIPTION

Category of equipment (ISED): I

Class: A

Utilization: Industrial

Antenna type and gain: integral antenna (unknown gain)

Operating frequency range: From 13.11 MHz to 14.01 MHz

Number of channels: 1

Channel spacing: Not concerned

Modulation: ASK

Power source: 3.65Vdc 6800 mAh Li-Ion rechargeable battery

The radio is not operational during charge mode.

Power level, frequency range and channels characteristics are not user adjustable.

The details pictures of the product and the circuit boards are joined with this file.

3. NORMATIVE REFERENCE

The standards and testing methods related throughout this report are those listed below. They are applied on the whole test report even though the extensions (version, date and amendment) are not repeated.

CFR 47 (2023)	Radio Frequency Devices
ANSI C63.10	2013 Procedures for Compliance Testing of Unlicensed Wireless Devices.
447498 D04 Interim General RF Exposure Guidance v01	RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices

4. RF EXPOSURE

13.56MHz Radio Part in standalone:

In accordance with KDB 447498 D04 Interim General RF Exposure Guidance v01, Paragraph 4.3.1.

1-mW Test Exemption according paragraph 2.1.2

Maximum measured power = 32.84 dB μ V/m = 0.146 x 10⁻⁶ mW at 13,56 MHz.

with $P = (E \times d)^2 / (30 \times G_p)$ with d = 10 m and Gp = 1

The equipment fulfils the requirements on 1-mW Test Exemption according §1.1307(b)(3)(i)(A).

□□□ End of report □□□