

MPE test report

According to the standard:

CFR 47 FCC PART 15

Equipment under test:

DAVEYTRONIC PROGRAMMING UNIT
PU

FCC ID: 2AUQC-PUDAVEY

Company:

DAVEY BICKFORD

Distribution: Mrs STOJANOVIC

(Company: DAVEY BICKFORD)

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Ed.	Date	Modified Page(s)	Technical Verification and Quality Approval	
			Name and Function	Visa
0	20-Feb-23	Creation	M. DUMESNIL, Radio Laboratory Manager	

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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*

Serial number (S/N): 2632

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

Software version: *User interface 02.03.04
Driver 02.01.01
RTOS 1.60*

MANUFACTURER: *DAVEY BICKFORD*

COMPANY SUBMITTING THE PRODUCT:

Company: DAVEY BICKFORD

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

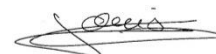
Responsible: Mrs STOJANOVIC

DATES OF TEST: From 24-Jan-22 to 1-Feb-22

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: S. LOUIS

VISA:

A handwritten signature in black ink, appearing to read "S. Louis", with a stylized flourish underneath.

WRITTEN BY: S. LOUIS

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REVISIONS HISTORY

Revision	Date	Modified pages	Modifications
0	10-Feb-22	/	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 integrates:

- RFID Reader not already certified,

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 by li-ion rechargeable battery

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 (2022) 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

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 = 29.92 dB μ V/m = 0.104 x 10⁻⁶ mW at 13,56 MHz.

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

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