

JJF

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JJF 2126-2024

Calibration Specification for Test Devices of Vehicle Travelling Data Recorders (English Translation)

Issued on: June 14, 2024

Implemented on: December 14, 2024

Issued by: State Administration for Market Regulation

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9 Recalibration interval (6)

Appendix A Calibration Raw Record Format (7)

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Appendix D Standard Scenario Description (20)

Introduction

JJF 1001-2011 "General metrological terms and definitions", JJF 1071-2010 "National metrological calibration specifications" the JJF 1059.1-2012 "Evaluation and Expression of Uncertainty in Measurement" together constitute the basis for the formulation of this specification.

The uncertainty of the measurement result is evaluated according to JJF 1059.1-2012 "Evaluation of Uncertainty in Measurement" Representation" is compiled.

This specification is published for the first time.

Calibration specification for driving recorder detection device

1 Scope

This specification applies to the calibration of driving recorder detection devices.

2 References

This specification references the following documents.

JJG238-2018 Verification Procedure for Time Interval Measuring Instruments JJG722-2018 Standard digital clock verification procedures JJF 1403 Global Navigation Satellite System (GNSS) Receiver (Time Measurement Type) Calibration Specification JJF 1471 Global Navigation Satellite System (GNSS) Signal Simulator Calibration Specification JJF 1901-2021 Specification for the calibration of pointer-type precision clocks GB/T 19056 Vehicle driving recorder test device for any referenced document with a date, only the version with the date is applicable to this specification; for any referenced document without a date, the latest version (including all amendments) shall apply to this specification.

3 Terms and definitions with GNSS receiver, wheel speed pulse sensor, etc. as the core, it is used to display or record the vehicle driving recorder A device for simulating tests using the vehicle's driving speed, time, mileage, location and other status information related to the vehicle's driving.

4 Overview

The driving recorder detection device is mainly composed of antenna, GNSS receiver,

acquisition control module, display module, etc.

The driving recorder detection device is simulated and tested by comparison method. The structure and working principle are shown in Figure 1.

Figure 1 Structure and working principle of driving recorder detection device