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JJF

NATIONAL METROLOGY TECHNICAL SPECIFICATION OF THE PEOPLE'S REPUBLIC OF CHINA

JJF 1390-2013

Program of Pattern Evaluation of Electoroencephalographs

脑电图机型式评价大纲

(English Translation)

Issued on: February 16, 2013 **Implemented on: May 16, 2013**

Issued by: General Administration of Quality Supervision, Inspection and Quarantine

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Introduction

This outline is based on JJG1043-2008 "EEG" technical indicators and write.

Environmental testing of this syllabus is GB/T 14710-2009 "medical electrical environmental requirements and test methods" and reference Prepared. EMC Part reference GB/T 17626.2-2006, GB/T 17626.5-2008 and other relevant countries Standards development.

This outline 5-9 chapter includes EEG measurement requirements, technical requirements, test conditions, pilot projects and Test methods and results determined principles.

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Technical requirements, test conditions, test items and test methods specified in this syllabus and who does not JJG1043-2008 Same to this Memorandum shall prevail.

EEG machine type evaluation outline

1 Scope

This type evaluation type evaluation outline (hereinafter referred to as the Outline) for medical diagnostic analog EEG machine.

2. References

This outline references the following documents.

JJG1043-2008 EEG

GB/T 14710-2009 medical electrical environmental requirements and test methods GB/T 17626.2-2006 Electromagnetic compatibility - Testing and measurement techniques - Electrostatic discharge immunity test GB/T 17626.4-2008 Electromagnetic compatibility - Testing and measurement techniques - Electrical fast transient burst immunity test GB/T 17626.5-2008 Electromagnetic compatibility - Testing and measurement techniques - Surge (impact) immunity test GB/T 17626.11-2008 Electromagnetic compatibility Testing and measurement techniques - Voltage dips, short interruptions and voltage Variations immunity tests these documents contain provisions which through reference in this syllabus constitute provisions of this outline. For dated reference documents Members, release date only applies to this outline, however, encourage the parties according to research whether this outline agreement Use the latest versions of these files. For undated references, the latest edition (including all amendments) Apply to this syllabus.

3 Overview

EEG is the human brain electrical activity signal is amplified and waveform trace certain records obtained by the Instrument, it is mainly by the input circuit, amplifiers and recorders and other components. Its main function is as a clinical diagnosis of Brain and nervous system diseases provide the basis.

4 legal management requirements 4.1 units of measurement requirements EEG machine should adopt legal units of measurement.

4.2 legal metrological requirements for marking and measuring instruments logo Must be marked with signs and legal metrology measuring instruments and other parts clearly identified in the EEG machine nameplate or panel, its standard Chi, number and description must be clear, solid and reliable.

4.2.1 legal metrology signs generally include the following.

a) measurement equipment manufacturing license logo and number (test digital EEG machine should stay out of the corresponding position).

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b) measurement equipment type approval mark and number (EEG test may be left out of the corresponding position; this item is not mandatory Provisions).

c) product quality stamps certificate (this can be provided separately from the body and measuring instruments).

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