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PEOPLE'S REPUBLIC OF CHINA

JJF 1771-2019

Program of Pattern Evaluation for Measuring Instruments of Aural Acoustic Impedance/Admittance

阻抗听力计（耳声阻抗/导纳测量仪器）型式评价大纲

(English Translation)

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11 Table of measuring instruments and equipment used in the test project (19)

Appendix A. Original Record Format of Impedance Audiometer Type Evaluation (20)

Introduction

JJF 1002-2010 "Rules for Compiling National Measurement Verification Regulations", JJF 1001-2011 "General Measurement Terms and "Definition" and JJF 1059.1-2012 "Measurement Uncertainty Evaluation and Expression" together form the basis for the formulation of this outline Series specifications.

This outline is in accordance with GB/T 7341.5-2018 "Electroacoustic Audiometry Equipment Part 5: Otoacoustic Impedance/Admittance the content of the "Measuring Instruments" was compiled, and reference was made to JJG991-2017 "Auric Resistance of Audiometry Equipment" "Anti-admittance measuring instrument" can make an objective, comprehensive and effective evaluation of the performance of the impedance audiometer.

The structure of this outline is arranged in accordance with JJF 1016-2014 "Guidelines for the Compilation of Outlines for Measuring Apparatus Type Evaluation," each chapter is in accordance with JJF 1015-2014 "General Specification for Type Evaluation of Measuring Instruments" and JJF 1002-2010 "National Compilation of the Regulations for the Quantification Verification Regulations.

Impedance audiometer (otoacoustic impedance/admittance measuring instrument) Type evaluation outline

1 Scope

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This outline is applicable to impedance audiometers (also called otoacoustic impedance/admittance measuring instruments) with classification code 28121000 Type evaluation.

2 Reference documents this specification refers to the following documents.

JJG991-2017 audiometry equipment otoacoustic impedance/admittance measuring instrument JJF 1001-2011 General Measurement Terms and Definitions JJF 1034 Terms and Definitions of Acoustic Measurement Terms JJF 1592-2016 Pure tone audiometer type evaluation outline GB/T 3102.7 Acoustic quantities and units GB 4824-2013 Industrial, Scientific and Medical (ISM) Radio Frequency Equipment Disturbance Characteristics Limits and Measurement Methods GB/T 6113 Specification for radio disturbance and immunity measuring equipment and measuring methods GB/T 7341.1-2010 Electroacoustic audiometry equipment Part 1: Pure tone audiometer GB/T 7341.5-2018 Electroacoustic audiometry equipment Part 5: Measuring instruments for otoacoustic impedance/admittance GB/T 14710-2009 Environmental requirements and test methods for medical appliances GB/T 17626.2-2018 Electromagnetic Compatibility Test and Measurement Technology Electrostatic Discharge Immunity Test GB/T 17626.3-2016 Electromagnetic compatibility test and measurement technology RF electromagnetic field radiation immunity test GB/T 17626.4-2018 electromagnetic compatibility test and measurement technology electrical fast transient burst immunity test GB/T 17626.5-2019 EMC test and measurement technology surge (shock) immunity test GB/T 17626.8-2006 EMC test and measurement technology power frequency magnetic field immunity test GB/T 17626.11-2008 Electromagnetic compatibility test and measurement technology Voltage sag, short interruption and voltage Varying immunity test for dated reference documents, only the dated version applies to this specification; for those without date references the latest version (including all amendments) is applicable to this specification.

3 Overview

Impedance audiometer is a medical measurement to understand the functional state of middle ear by measuring the acoustic impedance or admittance of human ear instrument. It is mainly composed of human ear acoustic impedance/admittance measurement system, pressure system, acoustic reflex stimulation system and other parts.

4 Legal management requirements

4.1 Unit of measurement the unit of the sound pressure level of the detection sound of the impedance audiometer and the sound pressure level of the ipsilateral/contralateral sound reflection stimulation is decibel (dB)

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