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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 6113.203-2025

Replacing GB/T 6113.203-2020

**Specification for radio disturbance and immunity measuring apparatus
and methods - Part 2-3: Methods of measurement of disturbances and
immunity - Radiated disturbance measurements**

无线电骚扰和抗扰度测量设备和测量方法规范 第2-3部分：无线电骚扰和抗扰度
测量方法 辐射骚扰测量

(English Translation)

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F.1 Overview

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

GB/T (Z)6113, "Specification for Radio Interference and Immunity Measurement Equipment and Methods", is a fundamental standard for electromagnetic compatibility.

This document is Part 2-3 of GB/T (Z) 6113. GB/T (Z) 6113 has the following parts published.

Part 1: Radio Interference and Immunity Measurement Equipment

---Part 1-1. Radio Interference and Immunity Measurement Equipment;

---Part 1-2. Coupling devices for conducted interference measurements of radio disturbance and immunity measurement equipment;

---Parts 1-3. Radio Interference and Immunity Measurement Equipment and Auxiliary Equipment Interference Power;

---Parts 1-4. Radio Interference and Immunity Measurement Equipment, Antennas for Radiated Interference Measurement, and Test Sites;

---Parts 1-5. Radio Interference and Immunity Measurement Equipment, 5MHz~18GHz Antenna Calibration Site and Reference Test site;

---Parts 1-6. EMC antenna calibration for radio disturbance and immunity measurement equipment.

Part 2: Methods for Measuring Radio Interference and Immunity

---Part 2-1. Radio Interference and Immunity Measurement Methods - Conducted Interference Measurement;

---Part 2-2. Radio Interference and Immunity Measurement Methods - Interference Power Measurement;

---Parts 2-3.Methods for Measuring Radio Interference and Immunity; Radiated Interference Measurement;

---Parts 2-4.Radio Interference and Immunity Measurement Methods; Immunity Measurement;

---Parts 2-5.On-site measurements of large equipment disturbance launches.

Part 3: Technical Report on Radio Interference and Immunity Measurement

---Part 3: Technical Report on Radio Interference and Immunity Measurement Part 4: Uncertainty, Statistics, and Limit Modeling

---Part 4-1.Uncertainty, Statistics and Limit Modeling - Uncertainty in Standardized EMC Tests;

---Part 4-2.Uncertainty, Statistics and Limit Modeling. Uncertainty of Measurement Equipment and Facilities;

---Part 4-3.Uncertainty, Statistics, and Limit Modeling. Statistical Considerations for Determining EMC Compliance of Batch Products;

---Part 4-4.Uncertainty, Statistics, and Limit Modeling; Statistical Analysis of Complaints and Limit Calculation Models for Protecting Radio Services;

---Parts 4-5.Uncertainty, Statistics and Limits Modeling. Conditions for Using Alternative Experimental Methods this document replaces GB/T 6113.203-2020 "Specifications for Radio Interference and Immunity Measurement Equipment and Methods - Part 2-3".

"Methods for Measuring Radio Interference and Immunity - Radiated Interference Measurement", compared with GB/T 6113.203-2020, except for structural adjustments and editorial changes.

Aside from the modifications, the main technical changes are as follows.

---The terms "open test area/semi-anechoic chamber with absorbing material" (see 3.1.1, 2020 version 3.1.1) and "common mode" have been changed.

"Absorption device" (see 3.1.9, 2020 edition), "Test device" (see 3.1.14, 2020 edition), "Large-scale circulatory system" "Line System" (see 3.1.16, 2020 version of 3.1.16), "Product Standard" (see 3.1.21, 2020 version of 3.1.21);

---Added terms. "compliance test site," "far-field region," "near-field effect," "test space," "test device space," and "protection distance." "Feed point of small EUT and shielded loop antenna" (see 3.1.29~3.1.36);

---The full name of the abbreviation "UFA" has been changed (see 3.2, 2020 version 3.2);

---General requirements for test methods that have been modified for radiated emissions measurement (see 7.1.1, 7.1 in the 2020 edition);