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

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**Evaluation specification for communication quality of
household and similar electrical appliances**

家用和类似用途电器通信质量评价规范

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

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Household and similar electrical appliances communications Quality evaluation standards

1 Scope

This document defines the terms related to the communication quality of household and similar electrical appliances (hereinafter referred to as "household appliances") and stipulates the communication quality. The requirements and levels are described and the corresponding test methods are described.

This document is applicable to access to the smart home appliance service platform (hereinafter referred to as the "service platform") or the smart home appliance public management unit (hereinafter referred to as "Management Unit"), Household Appliance Control Instructions for single-phase appliances with a rated voltage not exceeding 250V and other appliances with a rated voltage not exceeding 480V Communication quality evaluation.

2 Normative references

GB/T 2423.1-2008

GB/T 2423.2-2008

GB/T 2423.3

GB/T 2423.4-2008

GB/T 2423.22-2012

GB/T 17626.2-2018

GB/T 17626.3-2023

GB/T 17626.4-2018

GB/T 17626.5-2019

GB/T 17626.6-2017

GB/T 17626.8-2006

GB/T 17626.11-2023

GB/T 36423-2018

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 [Source. GB/T 36426-2018, 3.3]

Provide services, management and interconnection for smart home appliances, and provide applications between home appliance companies, other industries or third parties for smart home appliances Access service system.