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

GB/T 17626.21-2014

**Electromagnetic compatibility -- Testing and measurement
techniques -- Reverberation chamber test methods**

电磁兼容 试验和测量技术 混波室试验方法

(English Translation)

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Foreword

GB/T 17626 "electromagnetic compatibility test and measurement technology" currently includes the following components.

--- GB/T 17626.1-2006 Electromagnetic compatibility - Testing and measurement techniques - Overview of immunity tests

--- GB/T 17626.2-2006 Electromagnetic compatibility - Testing and measurement techniques - Electrostatic discharge immunity test

--- GB/T 17626.3-2006 Electromagnetic compatibility - Testing and measurement techniques RFEMS 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 17626.6-2008 Electromagnetic compatibility - Testing and measurement techniques Immunity to conducted disturbances induced field

--- Test GB/T 17626.7-2008 Electromagnetic compatibility - Testing and measurement techniques - power supply systems and equipment connected harmonics, interharmonics
Quantity measuring instruments and guidelines

--- GB/T 17626.8-2006 Electromagnetic compatibility - Testing and measurement techniques - Power frequency magnetic field immunity test

--- GB/T 17626.9-2011 Electromagnetic compatibility - Testing and measurement techniques - Pulse magnetic field immunity test

- GB/T 17626.10-1998 electromagnetic compatibility test and measurement techniques - Damped oscillatory magnetic field immunity test
- GB/T 17626.11-2008 Electromagnetic compatibility Testing and measurement techniques - Voltage dips, short interruptions and voltage variations resistance Interference Test
- GB/T 17626.12-2013 electromagnetic compatibility test and measurement techniques - Oscillatory waves immunity test
- GB/T 17626.13-2006 electromagnetic compatibility test and measurement technology AC power port harmonics, interharmonics including mains letter Number of low frequency immunity test
- GB/T 17626.14-2005 Electromagnetic compatibility Testing and measurement techniques - Voltage fluctuation immunity test
- GB/T 17626.15-2011 electromagnetic compatibility test and measurement technology scintillation Functional and design specifications
- GB/T 17626.16-2007 electromagnetic compatibility test and measurement technology 0Hz ~ 150kHz common mode Immunity to Conducted Disturbances test
- GB/T 17626.17-2005 electromagnetic compatibility test and measurement technology dc input power port immunity test ripple
- GB/T 17626.24-2012 electromagnetic compatibility test and measurement techniques - Test methods HEMP conducted disturbance protection devices
- GB/T 17626.27-2006 Electromagnetic compatibility Testing and measurement techniques - Unbalance, immunity test
- GB/T 17626.28-2006 electromagnetic compatibility test and measurement techniques - Variation of power frequency, immunity test
- GB/T 17626.29-2006 electromagnetic compatibility test and measurement technology dc input power port voltage dips, short of Off and voltage variations immunity tests
- GB/T 17626.30-2012 electromagnetic compatibility test and measurement techniques - Power quality measurement methods
- GB/T 17626.34-2012 electromagnetic compatibility test and measurement technology main power per phase current greater than 16A devices Voltage dips, short interruptions and voltage variations immunity tests this section is GB/T Part of 2,117,626.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section identical with the international standard IEC 61000-4-21:2011 (2nd edition)
"Electromagnetic compatibility (EMC) - Part 21. Testing and Measurement techniques -

Reverberation chamber test methods. " Consistency correspondence between this part of international documents and normative references of our files are as follows.

--- GB/T 2421.1-2008 Environmental testing for electric and electronic products overview and guidance (IEC 60068-1:1998, IDT)

--- GB/T 4365-2003 Electrotechnical terminology Electromagnetic compatibility [IEC 60050 (161).1990, IDT]

--- GB/T 6113.101-2008 radio disturbance and immunity measuring apparatus - Part 1-1. Radio disturbance and immunity Measuring equipment, measuring equipment (CISPR16-1-1.2006, IDT)

--- GB/T 6113.203-2008 radio disturbance and immunity measuring apparatus - Part 2-3. Radio disturbance and immunity Measurement Method radiation disturbance measurements (CISPR16-2-3.2003, IDT)

--- GB/T 17626.3-2006 Electromagnetic compatibility - Testing and measurement techniques RFEMS test (IEC 61000-4-3:2002, IDT) this section makes the following editorial changes.

--- In addition to the abbreviations defined in the original standard IEC , IEEE, IEC, ISO , etc;

--- According to the standard context, the Chinese Appendix K (K.5) line "(2) and (3)" was changed to the formula "(K.3) and formula (K.4)"; Appendix Line on (K.9) K Chinese "(7)" was changed to the formula "(K.7)";

--- IEC 61000-4-21:2003 in "calibration" 61000-4-21 in IEC .2011 modified for the "validation", but there are portions Points without modification. In this section, based on the original standard context, part of the "calibration" is amended as "Validation", translated as "OK", as C.1.2 in Note 2 of the second row, C.1.2 NOTE 3 line 1 and so on;

--- According to the formula derived in Appendix K.2 of the "N and N-1 and N x M, respectively (N- (-1)) x (M - (- 1)) instead of" Amended to "N and N-1, respectively, and N x M (N-1) x (M-1) in place." Electromagnetic Compatibility This part of the National Standardization Technical Committee (SAC/TC246) and focal points.

This section is drafted. Southeast University, Shanghai Entry-Exit Inspection and Quarantine Bureau, China Electric Power Research Institute, Shanghai Measurement and Testing Technology Institute Study Institute, China Electronics Standardization Institute, China Institute of Metrology.

1 Scope

GB/T 17626 in this section to consider immunity tests electrical and/or electronic devices in Reverberation chamber, intentionally or unintentionally radiated emission Test and shielding