

ICS 33.060.40
CCS M 31



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

GB 13836-2000

Replacing GB 13836-1992; GB 15949-1995

**Cabled distribution systems for television and sound signals.
Part 2: Electromagnetic compatibility of equipment [including
MODIFICATION 1]**

电视和声音信号电缆分配系统 第2部分：设备的电磁兼容
(English Translation)

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What this standard covers

This Chinese standard specifies the signal cable television distribution systems and sound equipment, electromagnetic compatibility requirements and measuring methods, specifies the permitted maximum disturbance voltage and radiation, immunity and the shielding effect of the minimum, and describes the measurement method. This standard applies to receiving, processing and distribution of television and sound signals of active and source device (if the source of coaxial wideband distribution equipment, the source coaxial broadband distribution equipment, front-end equipment, optical equipment) the electromagnetic disturbance characteristics and harassment immunity. This standard relates to the GB/T 6510 in the following section from the front or another source to the system has an interface output port, or when there is no system output port, then to the terminal input. This standard covers the following frequency ranges: disturbance voltage injected into the mains 9kHz ~ 30MHz, active equipment radiation (5 MHz) 30 MHz ~ 25 GHz, active equipment immunity 150 kHz ~ 25 GHz, source device shielding effect (5MHz) 30 MHz ~ 1. 75GHz (25GHz). Cables for cable distribution systems do not belong to the scope of this standard. To any user terminal equipment (such as tuners, receivers, decoders, multimedia terminals, etc.) electromagnetic compatibility requirements, are not included in this standard.

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