

## Outlines of Major Noise Regulation Standards

### 1. EMI Regulations

Equipment		Countries	Information Regulation	Japan	USA	Europe
Emission	Generic Standard		CISPR61000-6-3 (Residential, Commercial and Light Industry) IEC61000-6-4 (Industrial)			EN50081-1 (Residential, Commercial and Light Industry) EN50081-2 (Industrial)
	ITE: Information Technology Equipment Printers, Personal computers Word processors, Displays		CISPR 22	VCCI *1	FCC Part 15 Subpart B	EN55022
	ISM equipment, Microwaves		CISPR 11	*1	FCC Part 18	EN55011
	Igniter (Automobiles, Motorboats)		CISPR 12	JASO	FCC Part 15 Subpart B	Automotive Directive
	TVs, Radios, Audios, VTRs		CISPR 13	*1	FCC Part 15 Subpart B	EN55013
	Household electrical equipment Portable tools		CISPR 14	*1		EN55014
	Fluorescent Lamps, Luminaries		CISPR 15	*1	FCC Part 18	EN55015
	Transceivers		ITU-T	Radio Act ARIB (Voluntary Regulation)	FCC Part 15 Subpart C FCC Part 22	ETS300 Series
	(Reference) Power Supplies Higher Harmonics		IEC61000-3	Industrial Voluntary Regulation		EN61000-3
Immunity	Basic Standard		IEC61000-4	JIS C 61000-4		EN61000-4 Series
	Generic Standard		IEC61000-6-1 (Residential, Commercial and Light Industry) IEC61000-6-2 (Industrial)	JIS C 61000-6-1 (Residential, Commercial and Light Industry) JIS C 61000-6-2 (Industrial)		EN50082-1 (Residential, Commercial and Light Industry) EN50082-2 (Industrial)
	Industrial Process Measurement and Control Equipment			Industrial Voluntary Action		
	Radios, TVs		CISPR 20			EN55020
	ITE: Information Technology Equipment		CISPR 24			EN55024

\*1 Electrical Appliance and Material Safety Law

There are EMI regulations in each country to meet EMI noise levels emitted from digital equipment. In the countries which regulate EMI, equipment which does not satisfy regulations is not allowed to be sold.

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