

AUDIO AUDIO-VISUAL AND ENTERTAINMENT LIGHTING CONTROL APPARATUS EN55103-1:2009—Environments E1 E2 E3

EMISSIONS EN55103-1 : 2009				
	Port	Frequency Range	Limits	Basic Standard
Radiated Emissions (Method A)	Enclosure	30 MHz— 230 MHz 230 MHz— 1 GHz	30 dBuV/m (10m Measurement distance) 37 dBuV/m	EN55022 Apparatus with f > 9kHz Rack Mounted Apparatus Non Rack Mounted Apparatus
Magnetic Fields 50 Hz—50 kHz At 100 mm	Enclosure	50 Hz—500 Hz 500 Hz—50 kHz	4—0.4 A/m 0.4 A/m	
Magnetic Fields 50 Hz—50 kHz At 1m	Enclosure	50 Hz—5 kHz 5 kHz—50 kHz	1—0.01 A/m 0.01 A/m	
Conducted Emissions Antenna Terminal	Antenna terminal	30 MHz—1GHz	EN55013 table 2 - For wireless Microphones see also EN 301-489-9	
Conducted Emissions	Telecommunication and Network Ports	0.15 MHz - 0.5 MHz 0.5 MHz - 30 MHz	40 - 30 dBuA QP 30 - 20 dBuA Av 30 dBuA QP 20 dBuA Av	EN55022
Conducted Emissions (Continuous)	AC Mains Power Ports	0.15 MHz— 0.5 MHz 0.5 MHz— 5 MHz 5 MHz— 30 MHz	66 - 56 dBuV QP / 56 - 46 dBuV Average 56 dBuV QP / 46 dBuV Average 60 dBuV QP / 50 dBuV Average	EN55022
Conducted Emissions (Discontinuous)		0.15 MHz— 30 MHz		EN55014-1
Mains Harmonics		0 - 2 kHz	EN61000-3-2	
Flicker			EN61000-3-3	
Inrush Current			EN61000-3-3	

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