

**INFORMATION TECHNOLOGY EQUIPMENT EN55022:2006 EN55024:1998**

EMISSIONS EN55022 : 2006					
	Port	Frequency Range	Limits	Basic Standard	
Radiated Emissions	Enclosure	30 MHz— 230 MHz 230 MHz— 1 GHz	30 / 40 dBuV/m ( 10m Measurement distance Class B / Class A) 37 / 47 dBuV/m	CISPR 22  Note: for products with clk > 9kHz	
Conducted Emissions	Telecommunications network ports (CM)	0.15 MHz - 0.5 MHz 0.5 MHz - 30 MHz	CURRENT LIMITS 53 - 43 dBuA QP      40 - 30 dBuA Av 43 dBuA QP              30 dBuA Av		
Conducted Emissions	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      79 dBuV QP / 66 dBuV Average 56 dBuV QP / 46 dBuV Average                  73 dBuV QP / 60 dBuV Average 60 dBuV QP / 50 dBuV Average                  73 dBuV QP / 60 dBuV Average		
Mains Harmonics			0 - 2 kHz		EN61000-3-2
Flicker					EN61000-3-3
Inrush Current				EN61000-3-3	

IMMUNITY EN55024 : 1998					
Item	Port	Phenomenon	Basic Standard	Test Value	Notes
1	Enclosure	Electrostatic discharge (ESD)	EN61000-4-2	4 kV / 8 kV contact / air 3 V/m (80 MHz—1 GHz 1 KHz AM )	B
		EM Radiated Field	EN61000-4-3		A
		Magnetic Field	EN61000-4-11		A
2	AC Power	Fast Transient Burst Surge	EN61000-4-4 EN61000-4-5	1.0 kV 2.0 kV Line to Earth 1.0 kV Line to Line 3 V rms 1 kHz 80% AM modulation >95% for 10 ms 30% for 500 ms >95% for 5 s	B B B
		Conducted RF	EN61000-4-6		A
		Voltage Dips	EN61000-4-11		B
		Voltage Interruptions	EN61000-4-11		C C
3	DC Power	Fast Transient Burst Surge	EN61000-4-4 EN61000-4-5	0.5 kV ( ports > 10m) 0.5 kV Line to Earth ( Outdoor cables)	B B
		Conducted RF	EN61000-4-6		A
		Fast Transient Burst Surge	EN61000-4-4 EN61000-4-5 EN61000-4-6		0.5 kV ( ports > 3m) 1.0 kV Line to Earth ( Outdoor cables) 3 V rms 1 kHz 80% AM modulation
Conducted RF	EN61000-4-6	A			

Note: RI—Additional functional test may apply at selected frequencies - 80, 120, 160, 230, 434, 460, 600, 863, 900 MHz  
 C/—Additional functional test may apply at selected frequencies - 0.2, 1, 7.1, 13.56, 21, 27.12, 40.68 MHz