

EMISSIONS				
	Port	Frequency Range MHz	Limits	Basic Standard
Radiated Emissions	Enclosure	150 kHz— 300 kHz 300 kHz— 30 MHz 30 MHz— 2 GHz 156 MHz— 165 MHz	80 dBuV/m - 52 dBuV/m (H Field E + 51.5 dB - 3m Measurement distance) 52 dBuV/m - 34 dBuV/m (H Field E + 51.5 dB - 3m Measurement distance) 54 dBuV/m (E Field - 3m Measurement distance) 24 dBuV/m (E Field - 3m Measurement distance—9 kHz BW)	CISPR 16-1 (1) and CISPR 16-2
Conducted Emissions	AC Mains DC Power Ports	10 kHz— 150 kHz 150 kHz— 350 kHz 350 kHz— 30 MHz	96 dBuV - 50 dBuV 60 dBuV - 50 dBuV 50 dBuV	

IMMUNITY					
Item	Port	Phenomenon	Basic Standard	Test Value	Notes
1	Enclosure	Electrostatic discharge (ESD) EM Radiated Field	BS EN61000-4-2 BS EN61000-4-3	6 kV / 8 kV contact / air 10 V/m (80 MHz—2 GHz 400 Hz AM)	B A
2	AC Power	Power Supply Short Interruptions Power Supply Failure Burst Surge Conducted RF	BS EN61000-4-11 BS EN61000-4-4 BS EN61000-4-5 BS EN61000-4-6	20% volt. var for 1.5s—10% freq for 5s 60s interruption 2 kV / 1.0 kV 1 kV / 0.5 kV 3 V rms & 10 V rms at spot frequencies 400 Hz 80% AM modulation	B C B B A
3	DC Power (7)	Burst Surge Conducted RF Power Supply Failure	BS EN61000-4-4 BS EN61000-4-5 BS EN61000-4-6	1.0 kV 1 kV / 2 kV 3 V rms & 10 V rms at spot frequencies 400 Hz 80% AM modulation 60s interruption	B B A C
4	I/O Signal / Control	Burst Surge Conducted RF	BS EN61000-4-4 BS EN61000-4-5 BS EN61000-4-6	1.0 kV 1 kV 3 V rms & 10 V rms at spot frequencies 400 Hz 80% AM modulation	B B A