

Classification of apparatus for EN55014-2

分类	EN55014-2:2015	EN55014-2:2021
Category I	devices that contain no electronic control circuits	devices that contain no electronic control circuits
Category II	transformer toys, dual supply toys, mains powered motor operated appliances, tools, heating appliances and similar electric apparatus containing electronic control circuits with no clock frequency higher than 15 MHz	mains driven devices containing electronic control circuits with a clock frequency not higher than 15MHz
Category III	devices that during normal use are not connected to mains network and have no cables	battery driven devices which are not classified as Category 1
Category IV	Devices that are in scope of 55014 – 2:2015, but not classified as Category 1– Category 3 equipment	mains driven devices containing electronic control circuits with a clock frequency between 15MHz and 200MHz
Category V	/	mains driven devices containing electronic control circuits with a clock frequency higher than 200MHz

Test difference

Test Item	Performance criterion	
	EN55014-2:2015 Category IV	EN55014-2:2021 Category II
Electrostatic discharges	B	B
Electric fast transients	B	B
Injected currents	A 150k~80MHz	A 150k~230MHz
Surges	B	B
Voltage dips	C	C
Radio frequency electromagnetic fields	A	/