



根據K.21要求,其對L-GND依然沒有加上外阻10ohm(不像EN61000-4-5要求,可加上外阻10ohm)
可參考K.21 標準要求

Test No.	Test description	Test circuit and waveshape (See Annex A/K.44)	Basic test levels (Also see clause 7/K.44)	Enhanced test levels (Also see clauses 5 and 7/K.44)	Number of tests	Primary protection	Acceptance criteria	Comments
5.1.1.a	Lightning, inherent, transverse	A.3-5 and A.6.4-1 combination wave	$U_{c(max)} = 2.5 \text{ kV}$ $R = 0 \Omega$	$U_{c(max)} = 6.0 \text{ kV}$ $R = 0 \Omega$	5 of each polarity	None	A	This test does not apply when the equipment is designed to be always used with primary protection and the operator agrees.
5.1.1.b	Lightning, inherent, port to earth	A.3-5 and A.6.4-2 combination wave	$U_{c(max)} = 2.5 \text{ kV}$ $R = 0 \Omega$	$U_{c(max)} = 6.0 \text{ kV}$ $R = 0 \Omega$	5 of each polarity	None	A	
5.1.1.c	Lightning, inherent, port to external port	A.3-5 and A.6.4-3 combination wave	$U_{c(max)} = 2.5 \text{ kV}$ $R = 0 \Omega$	$U_{c(max)} = 6.0 \text{ kV}$ $R = 0 \Omega$	5 of each polarity	None	A	
5.1.2.a	Lightning, inherent/coordination, transverse	A.3-5 and A.6.4-1 combination wave	$U_{c(max)} = 6.0 \text{ kV}$ $R = 0 \Omega$	$U_{c(max)} = 10.0 \text{ kV}$ $R = 0 \Omega$	5 of each polarity	Agreed primary protector (mains). (Note 2)	A	
5.1.2.b	Lightning, inherent/coordination, port to earth	A.3-5 and A.6.4-2 combination wave	$U_{c(max)} = 6.0 \text{ kV}$ $R = 0 \Omega$	$U_{c(max)} = 10.0 \text{ kV}$ $R = 0 \Omega$	5 of each polarity	Agreed primary protector (mains). (Note 2)	A	
5.1.2.c	Lightning, inherent/coordination, port to external port	A.3-5 for and A.6.4-3 combination wave	$U_{c(max)} = 6.0 \text{ kV}$ $R = 0 \Omega$	$U_{c(max)} = 10.0 \text{ kV}$ $R = 0 \Omega$	5 of each polarity	Agreed primary protector (mains). (Note 2)	A	