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参考資料

TEST DATA OF EAC-06-□□□/ESC-06-□□□

Noise Filter

Nov. 30. 2010

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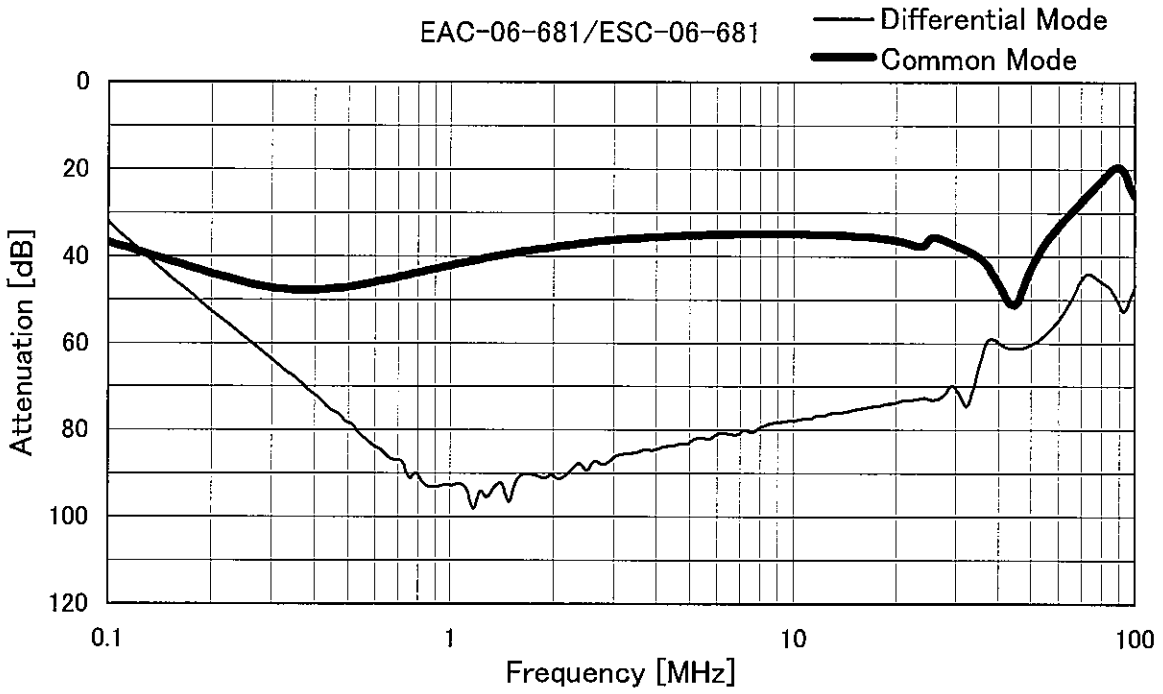
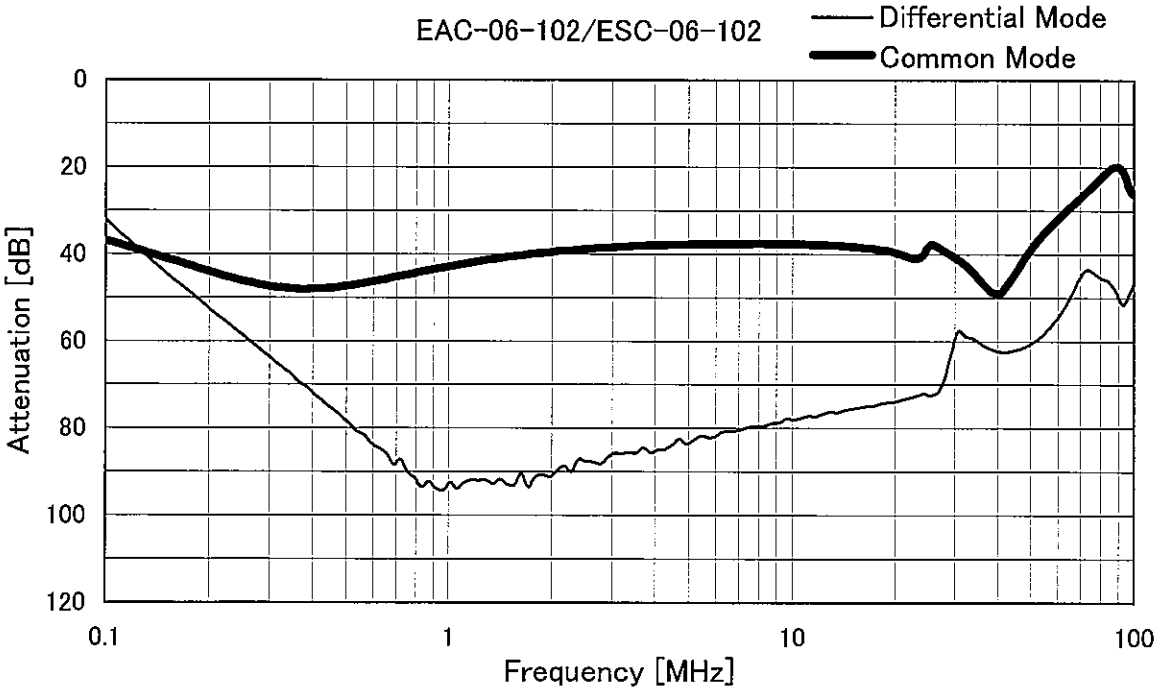
Model	EAC-06-□□□/ESC-06-□□□		
Item	Attenuation Characteristics	Temperature	25°C
Object	———	Testing Circuitry	Figure A





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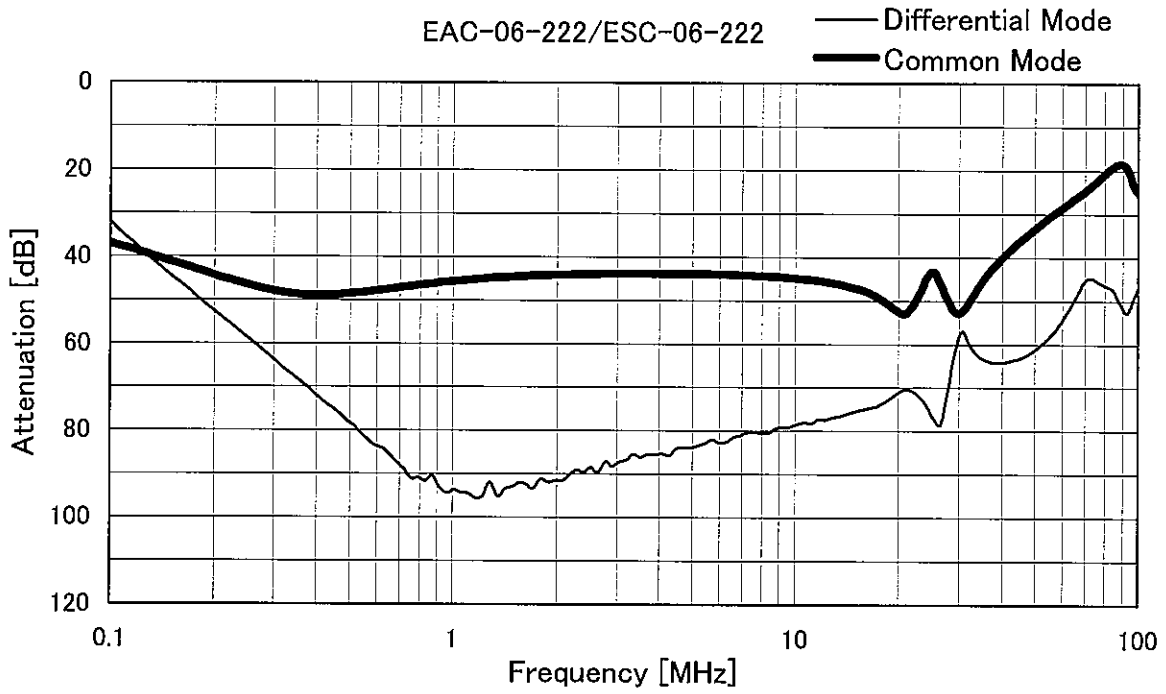
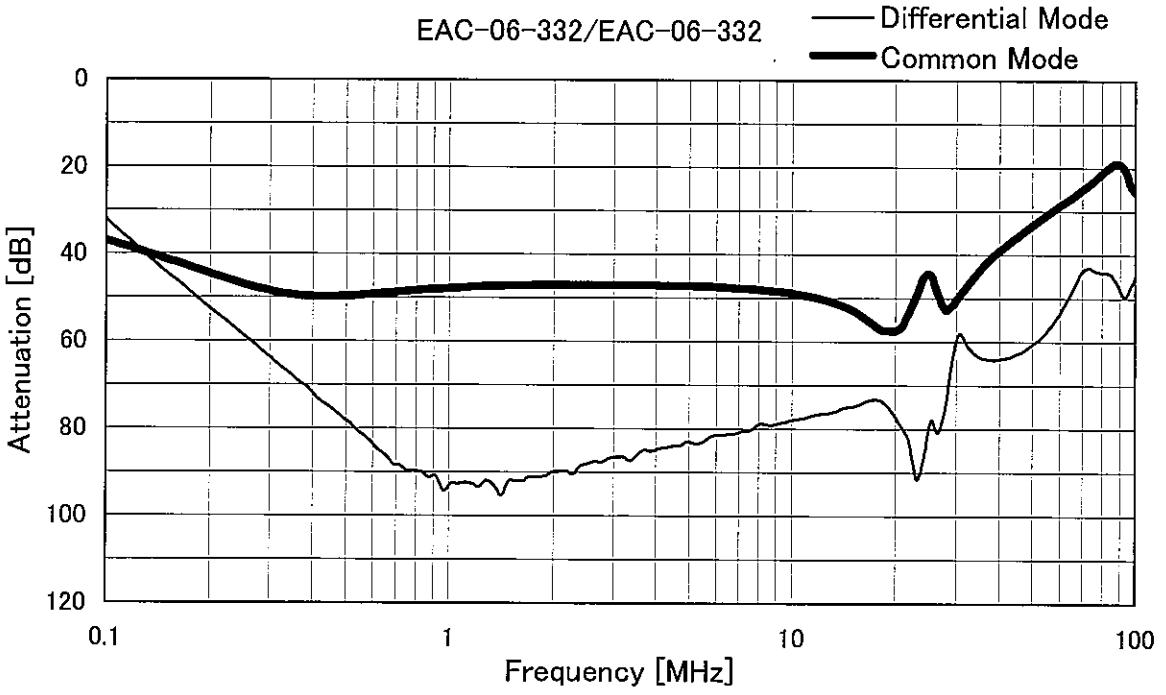
Model	EAC-06-□□□/ESC-06-□□□		
Item	Attenuation Characteristics	Temperature	25°C
Object	———————————	Testing Circuitry	Figure A





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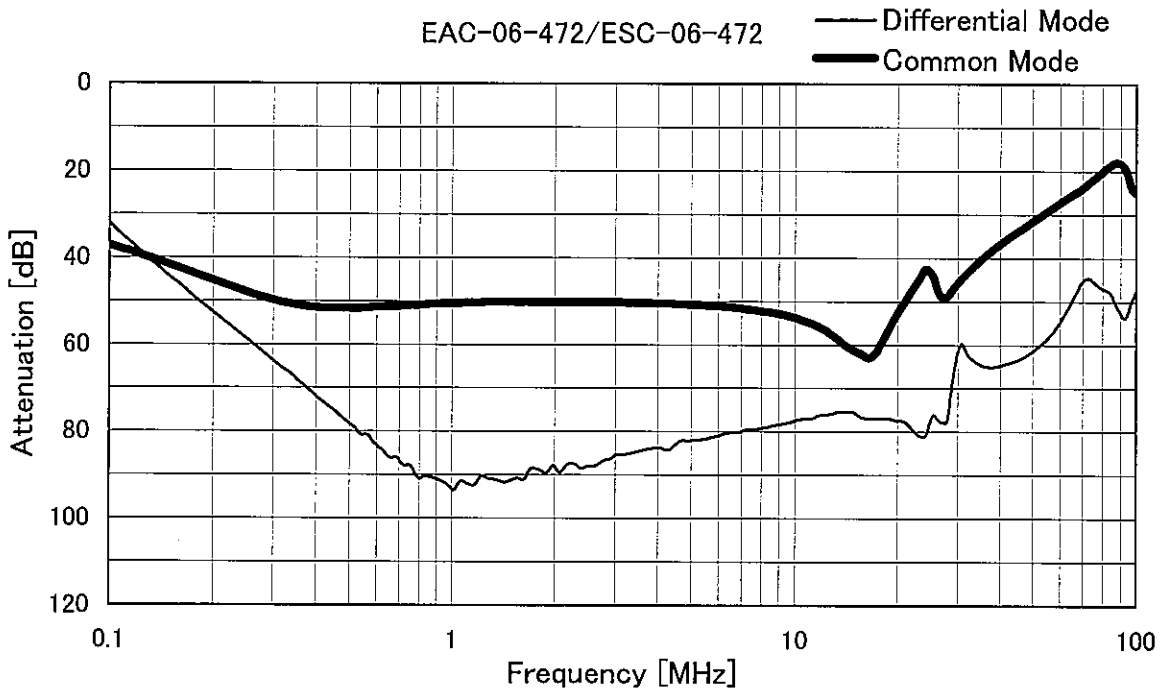
Model	EAC-06-□□□/ESC-06-□□□
Item	Attenuation Characteristics
Object	――――――――――

Temperature 25°C
Testing Circuitry Figure A



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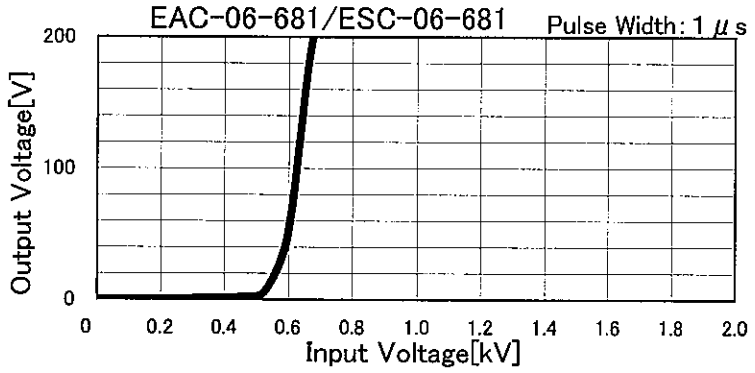
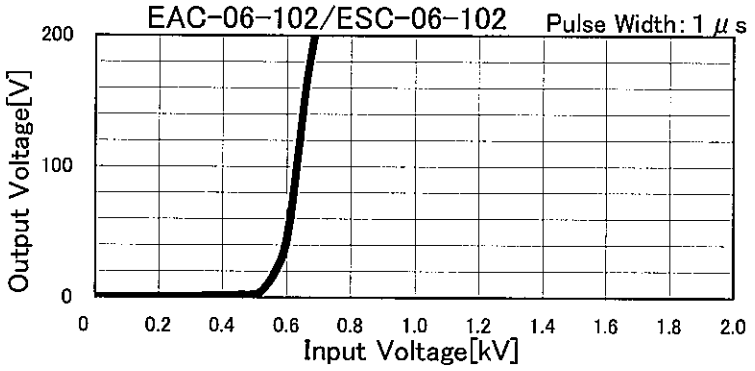
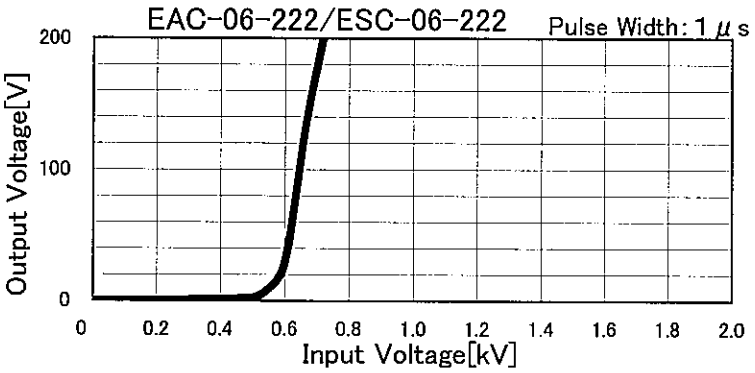
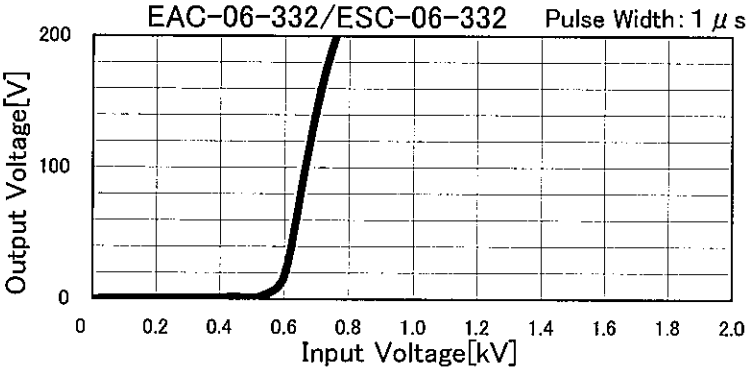
Model	EAC-06-□□□/ESC-06-□□□	
Item	Pulse Attenuation Characteristics	Temperature 25°C Testing Circuitry Figure B
Object	———————	









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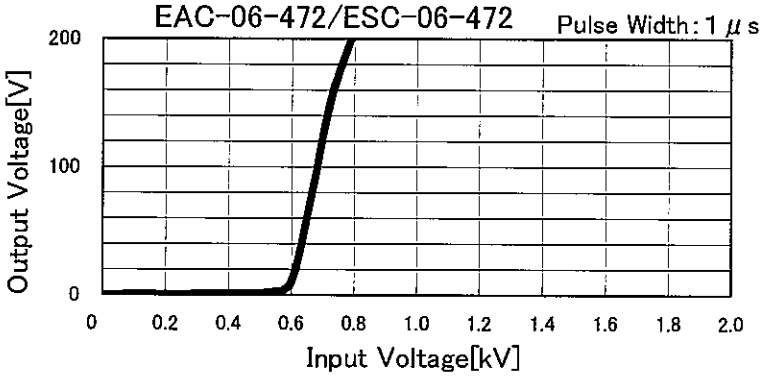
Model	EAC-06-□□□/ESC-06-□□□	
Item	Pulse Attenuation Characteristics	Temperature 25°C Testing Circuitry Figure B
Object	————————	

EAC-06-472/ESC-06-472 Pulse Width : 1 μs



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Model	EAC-06-□□□/ESC-06-□□□		
Item	Leakage Current	Temperature	25°C
Object	――――――――――	Testing Circuitry	Figure C

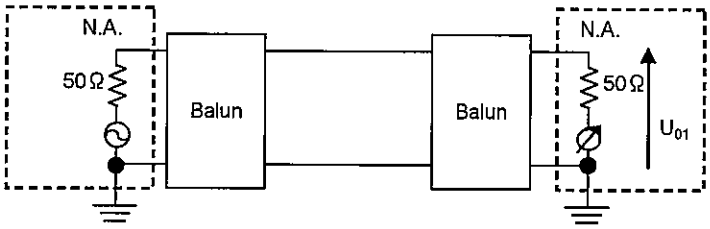
1.Results

[mA]

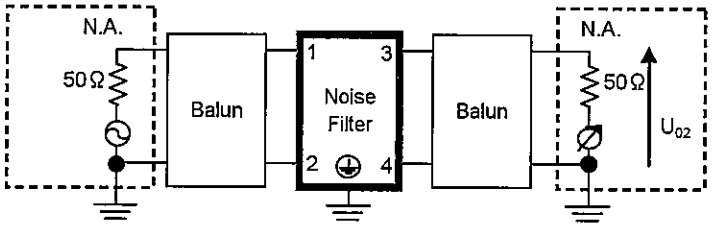
Model	Standards	Input Volt.				Note
		100 [V]	125 [V]	230 [V]	250 [V]	
EAC-06-681 ESC-06-681	UL1283	0.031	0.040	0.082	0.093	
EAC-06-102 ESC-06-102	UL1283	0.044	0.056	0.110	0.120	
EAC-06-222 ESC-06-222	UL1283	0.090	0.120	0.230	0.250	
EAC-06-332 ESC-06-332	UL1283	0.130	0.170	0.340	0.370	
EAC-06-472 ESC-06-472	UL1283	0.190	0.240	0.480	0.520	

2.Condition

Leakage current value is concluded after measuring both phases of AC input and by choosing the larger one.



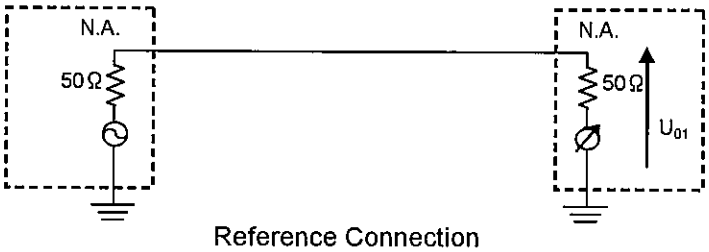
Reference Connection



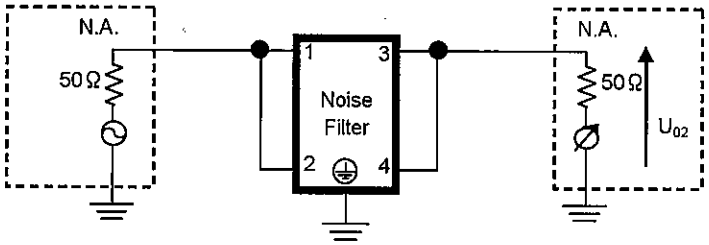
Test Connection

Attenuation = 20log(U_{01}/U_{02}) [dB]
U_{01} : Voltage in state without filters
U_{02} : Voltage in state which added filters
N.A. : Network Analyzer

Figure A - 1 Differential mode attenuation measurement



Reference Connection



Test Connection

Attenuation = 20log(U_{01}/U_{02}) [dB]
U_{01} : Voltage in state without filters
U_{02} : Voltage in state which added filters
N.A. : Network Analyzer

Figure A - 2 Common mode attenuation measurement

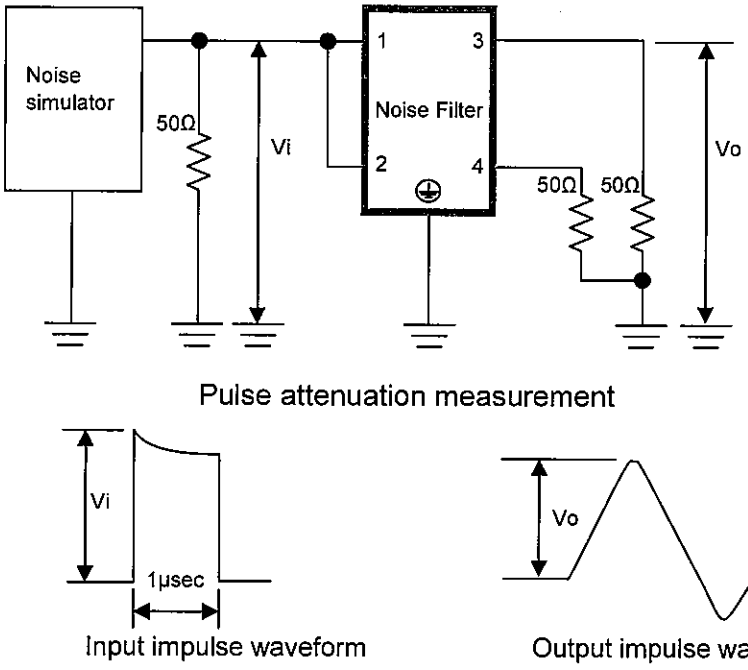


Figure B Pulse attenuation measurement

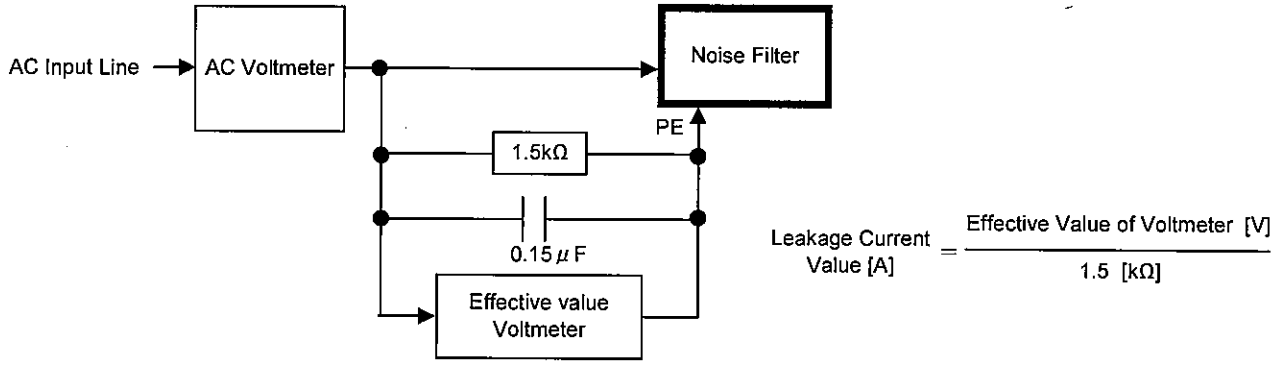


Figure C Leakage current measurement (UL1283)