参考資料

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TEST DATA OF NBM-30-□□□

Noise Filter

Oct. 17. 2007

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参考資料

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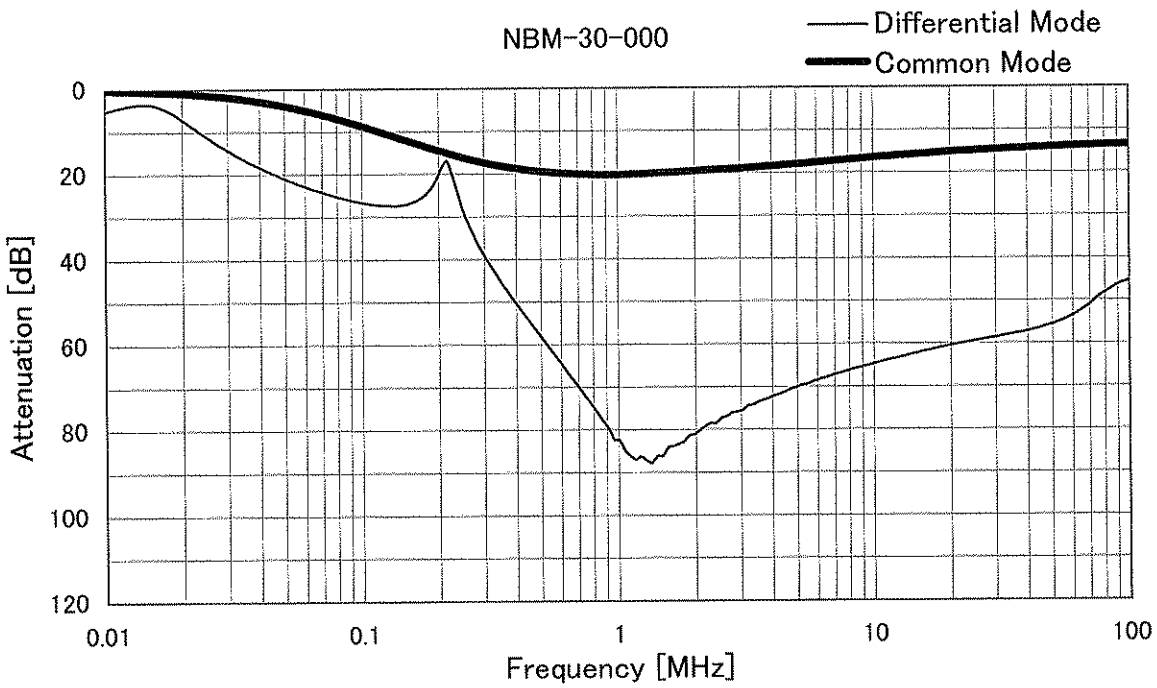
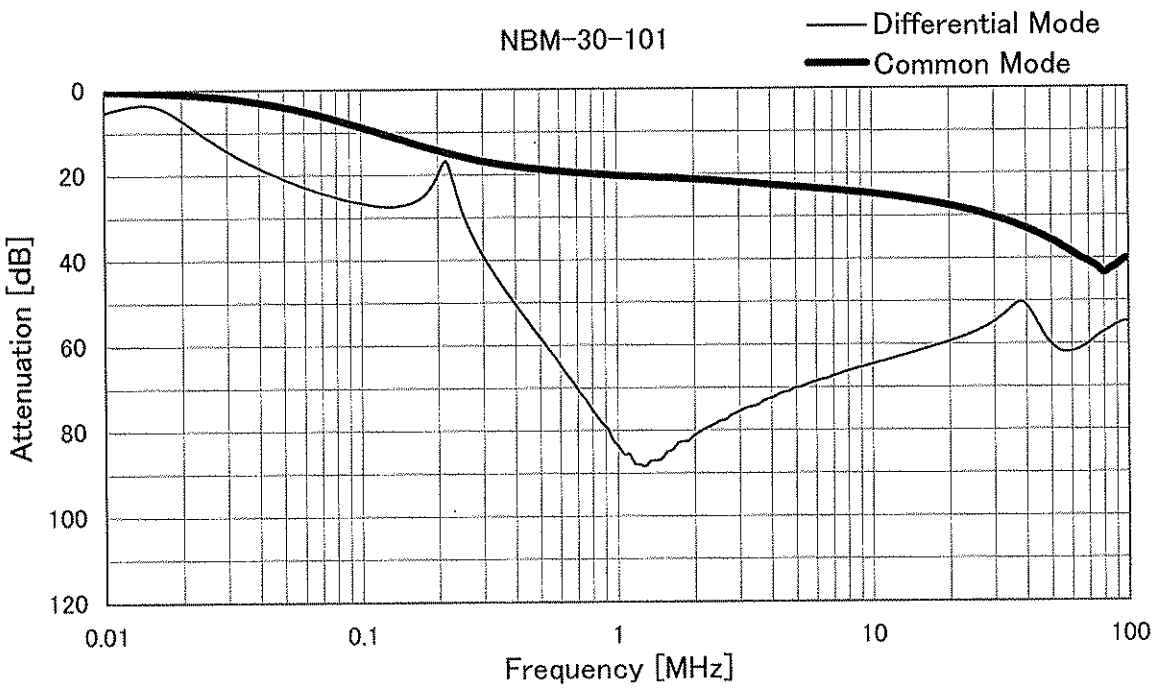
Model	NBM-30-□□□
Item	Attenuation Characteristics
Object	———————————

Temperature 25°C
Testing Circuitry Figure A





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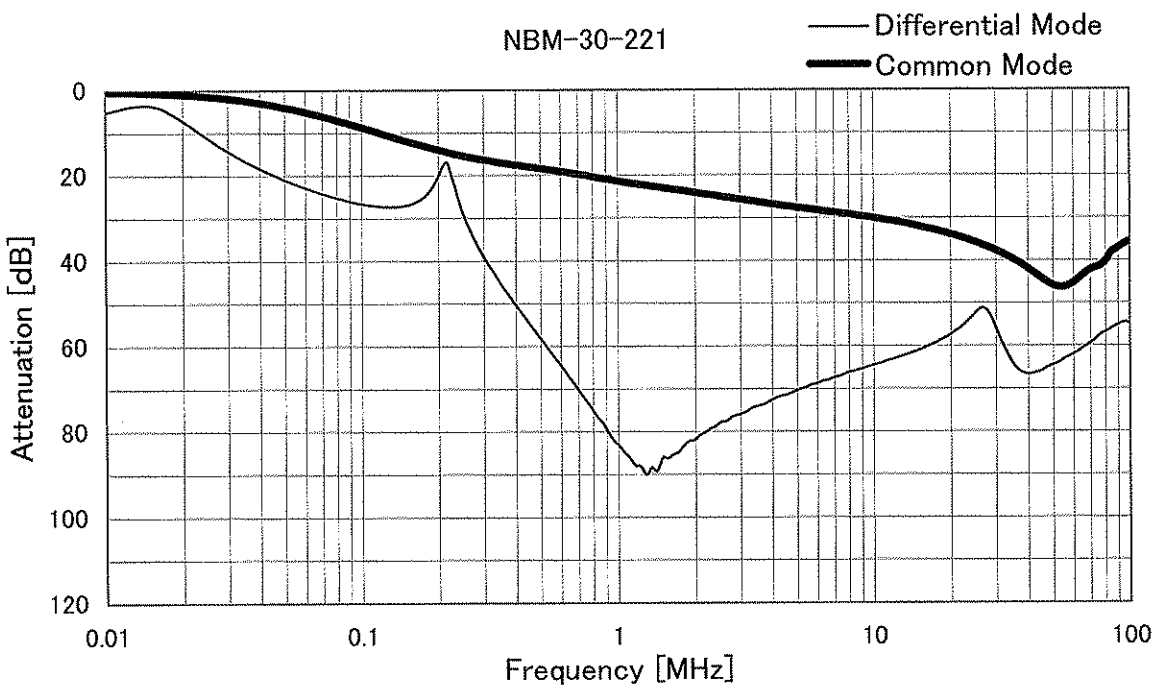
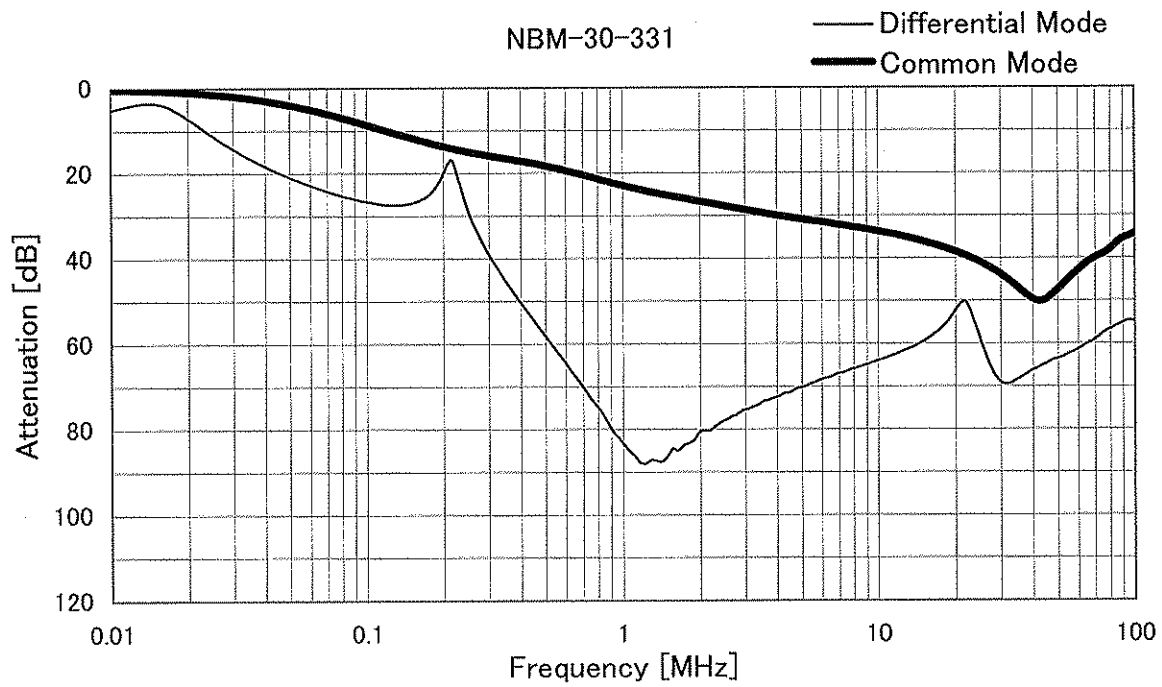
Model	NBM-30-□□□		
Item	Attenuation Characteristics	Temperature	25°C
Object	———	Testing Circuitry	Figure A





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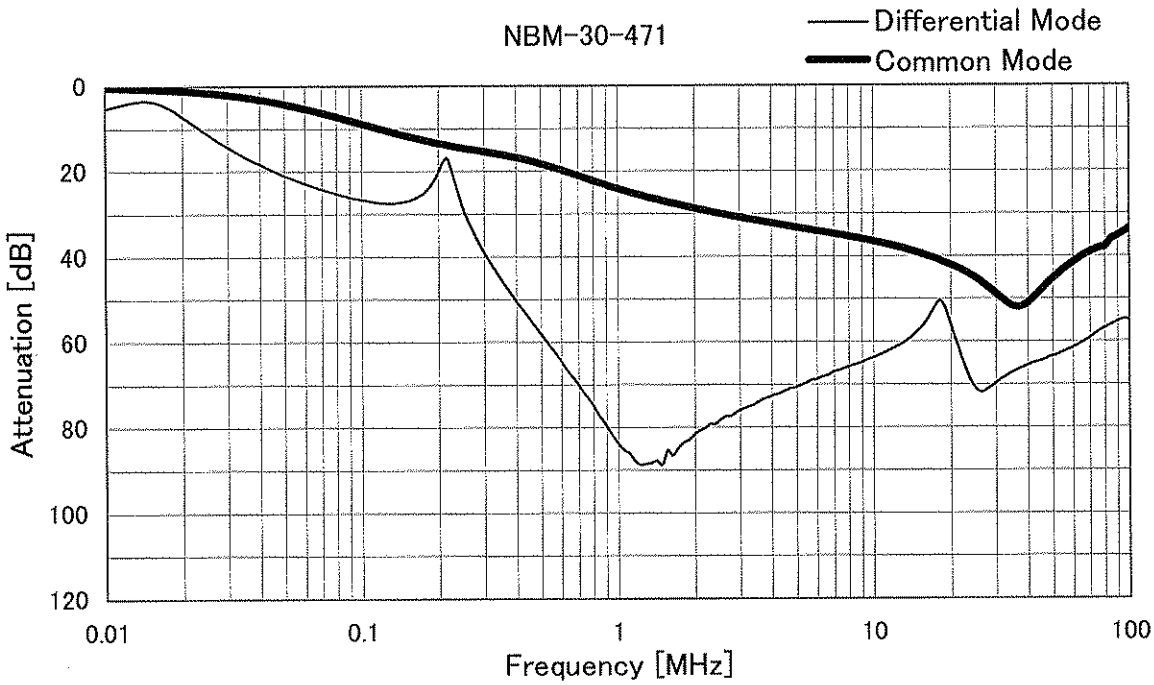
Model	NBM-30-□□□
Item	Attenuation Characteristics
Object	———————————

Temperature 25°C
Testing Circuitry Figure A



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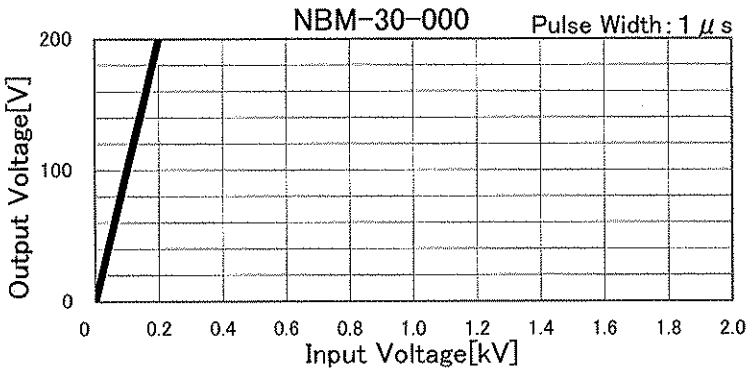
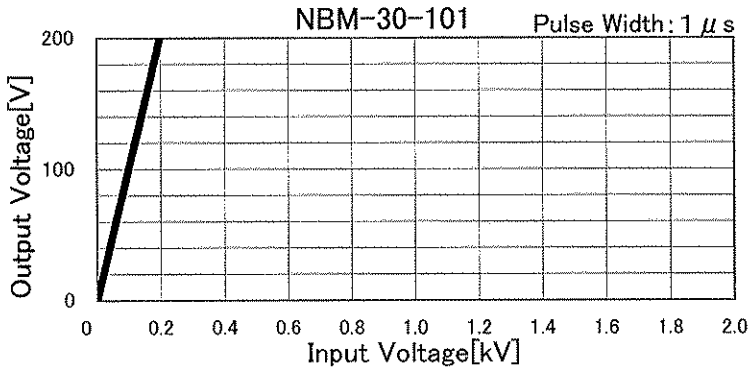
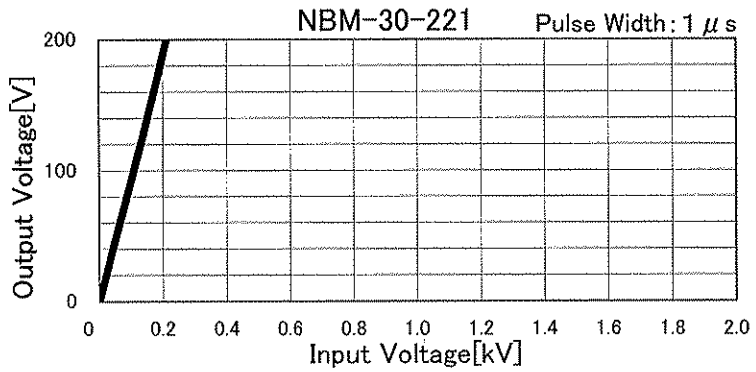
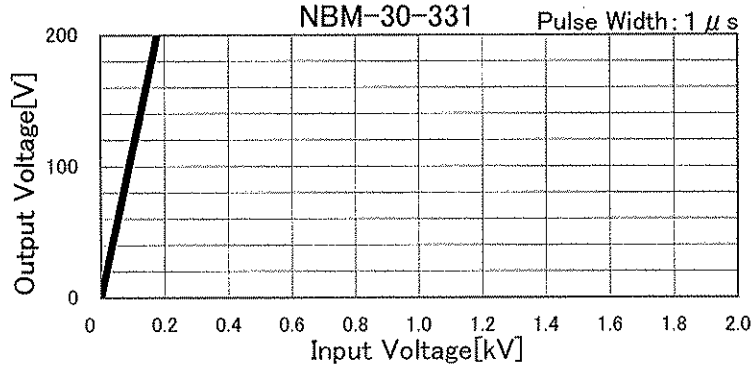
Model	NBM-30-□□□		
Item	Pulse Attenuation Characteristics	Temperature	25°C
Object	———	Testing Circuitry	Figure B









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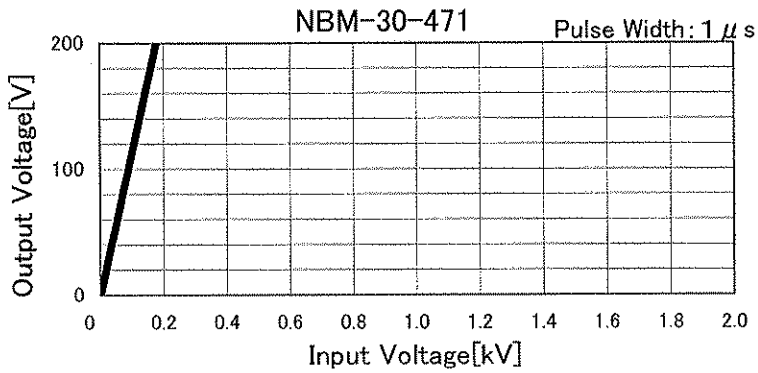
Model	NBM-30-□□□		
Item	Pulse Attenuation Characteristics	Temperature	25°C
		Testing Circuitry	Figure B
Object	———————————		



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Model	NBM-30-□□□		
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]	
NBM-30-000	UL1283	0.002	0.002	0.004	0.005	
NBM-30-101	UL1283	0.006	0.007	0.013	0.015	
NBM-30-221	UL1283	0.011	0.013	0.025	0.028	
NBM-30-331	UL1283	0.015	0.019	0.038	0.042	
NBM-30-471	UL1283	0.023	0.030	0.061	0.069	

2.Condition

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

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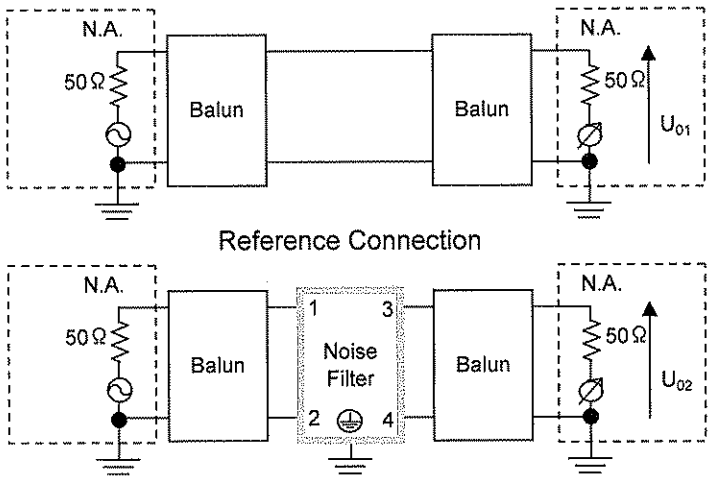
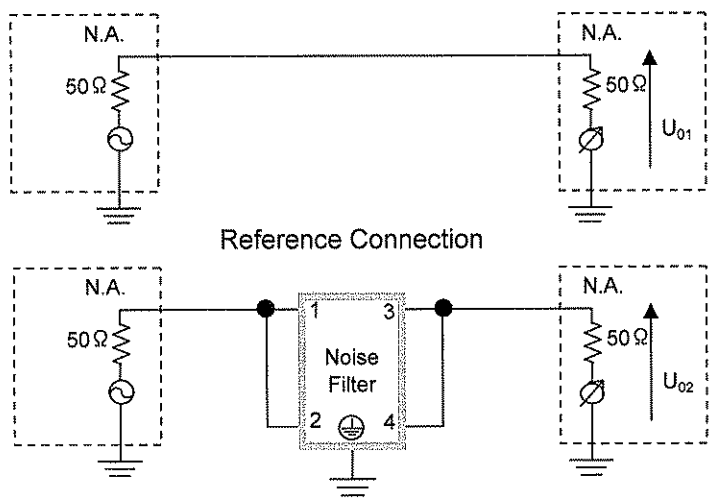


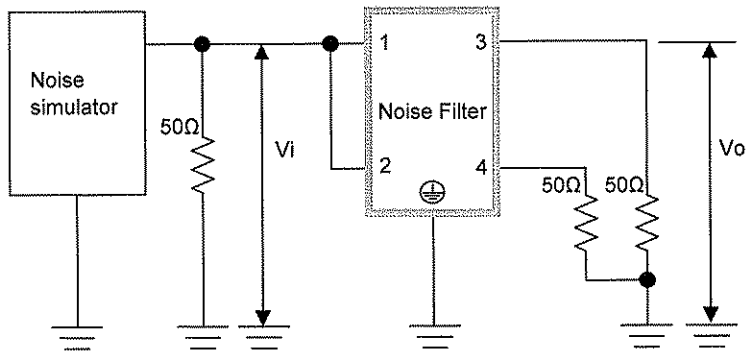
Attenuation = $20\log(U_{01}/U_{02})$ [dB]
U_{01} : Voltage in state without filters
U_{02} : Voltage in state which added filters
N.A. : Network Analyzer

Figure A - 1 Differential mode attenuation measurement

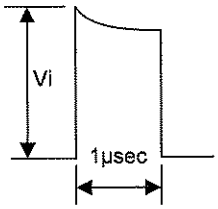


Attenuation = $20\log(U_{01}/U_{02})$ [dB]
U_{01} : Voltage in state without filters
U_{02} : Voltage in state which added filters
N.A. : Network Analyzer

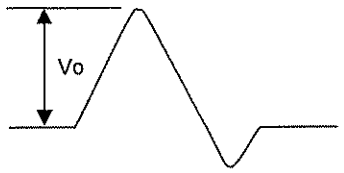
Figure A - 2 Common mode attenuation measurement



Pulse attenuation measurement

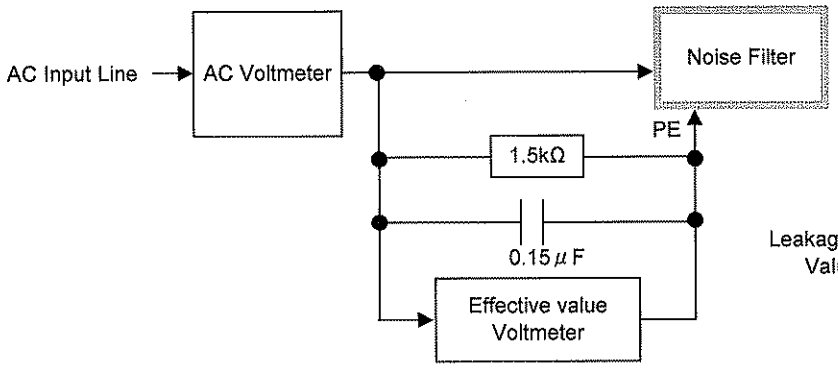


Input impulse waveform



Output impulse waveform

Figure B Pulse attenuation measurement



$$\text{Leakage Current Value [A]} = \frac{\text{Effective Value of Voltmeter [V]}}{1.5\ [\text{k}\Omega]}$$

Figure C Leakage current measurement (UL1283)