

**TEST DATA OF EAP-20-□□□****Noise Filter**

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Approved by : Toshio Watanabe  
Toshio Watanabe      Design ManagerPrepared by : Tadayuki Noda  
Tadayuki Noda      Design Engineer**COSEL CO.,LTD.**



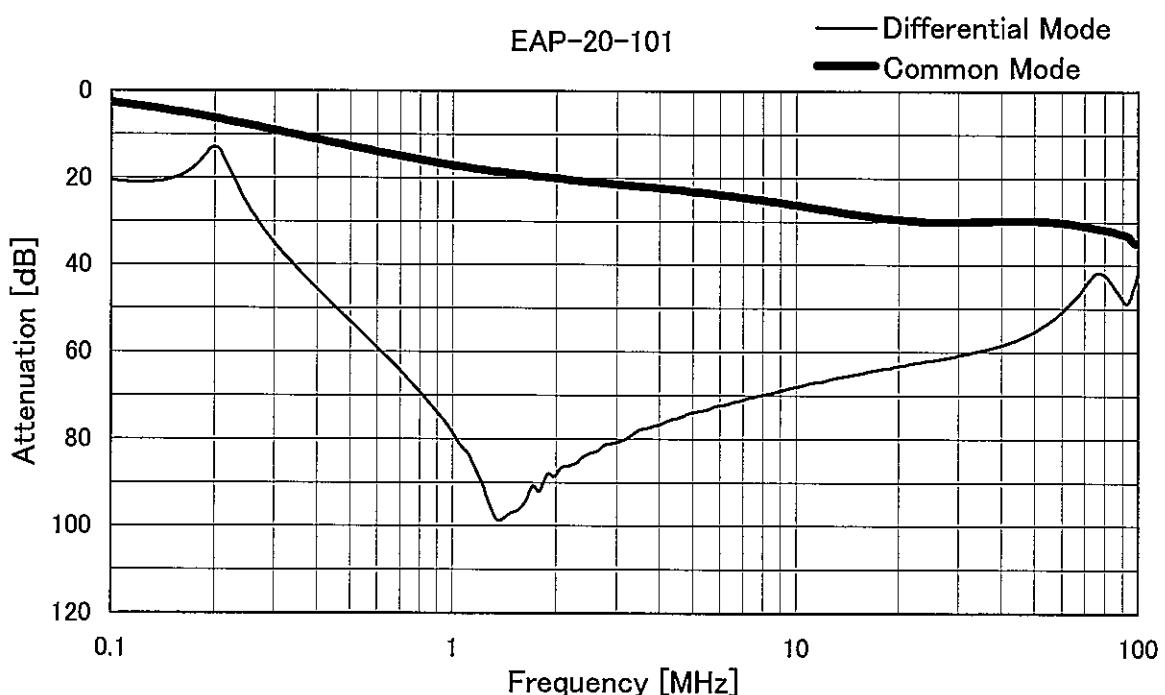
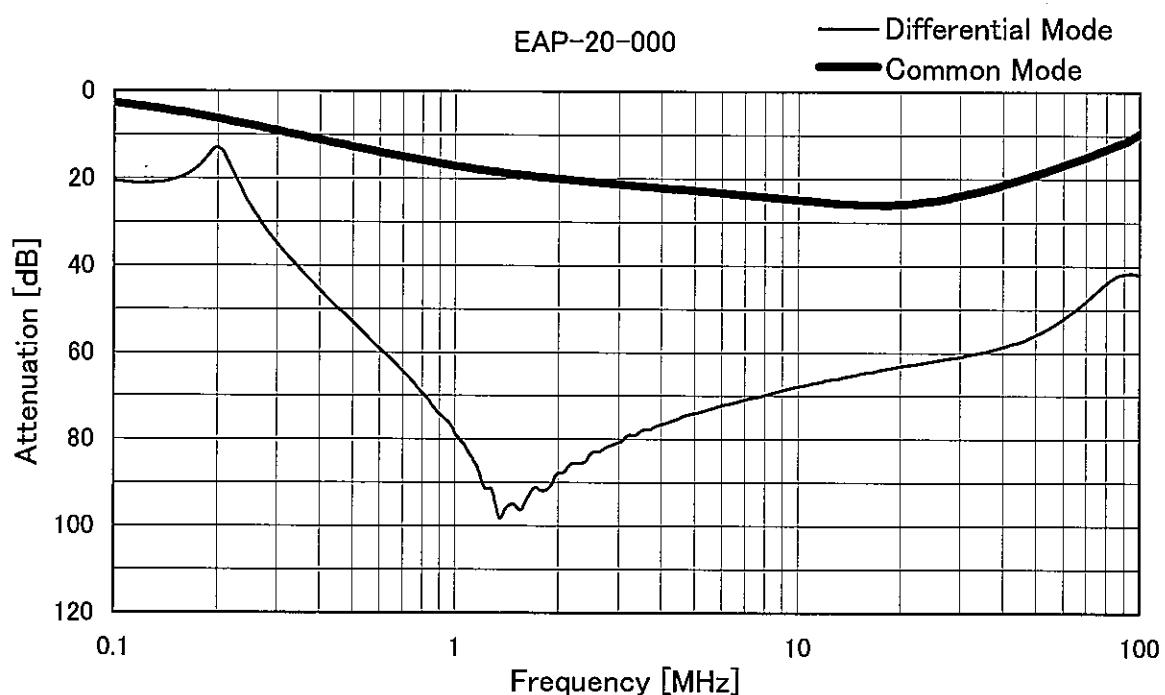
## CONTENTS

1.Attenuation Characteristics . . . . .	1
2.Pulse Attenuation Characteristics . . . . .	6
3.Leakage Current . . . . .	9
4.Figure of Testing Circuitry . . . . .	10

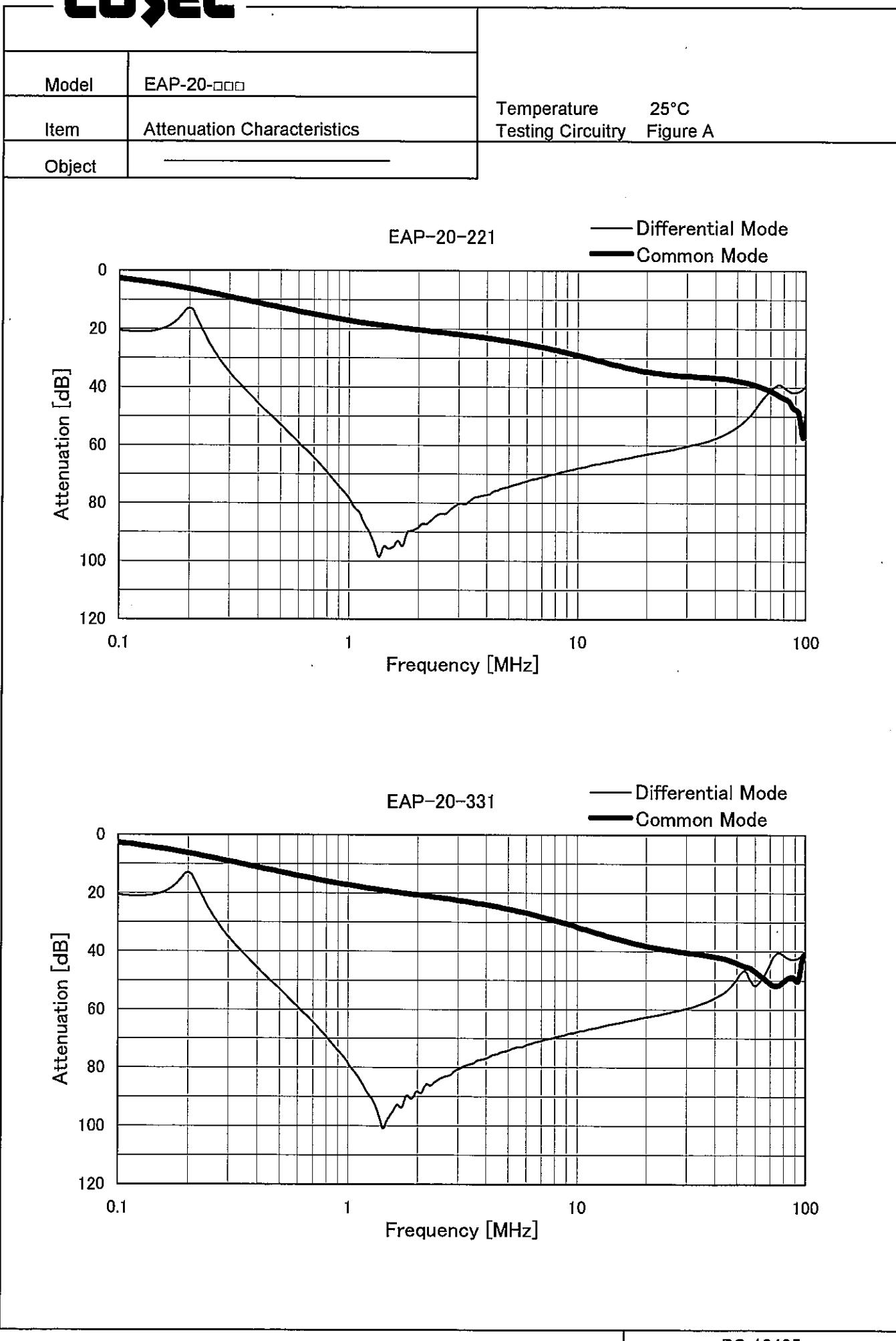
(Final Page 11)

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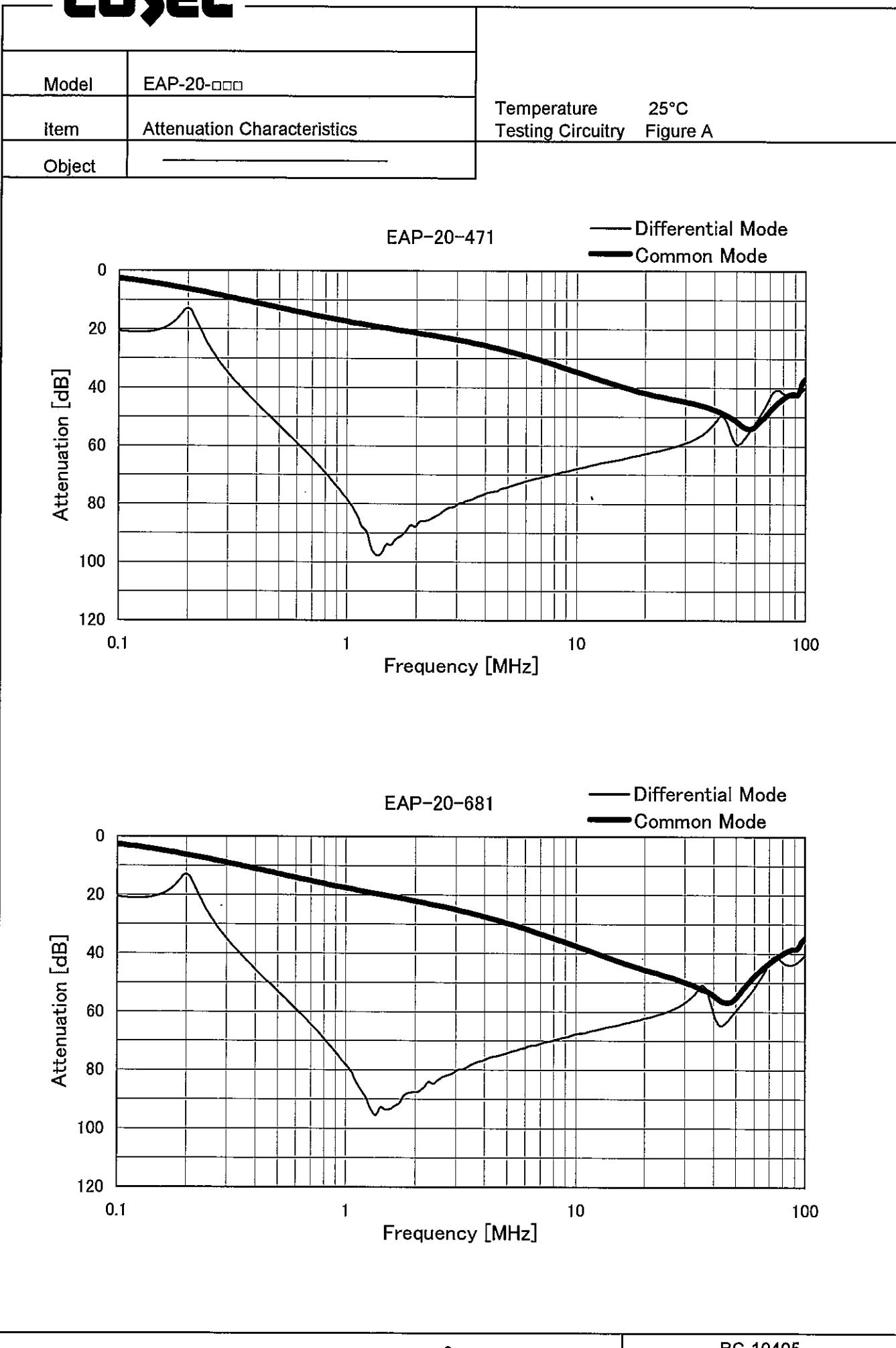
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Item	Attenuation Characteristics		
Object	_____		



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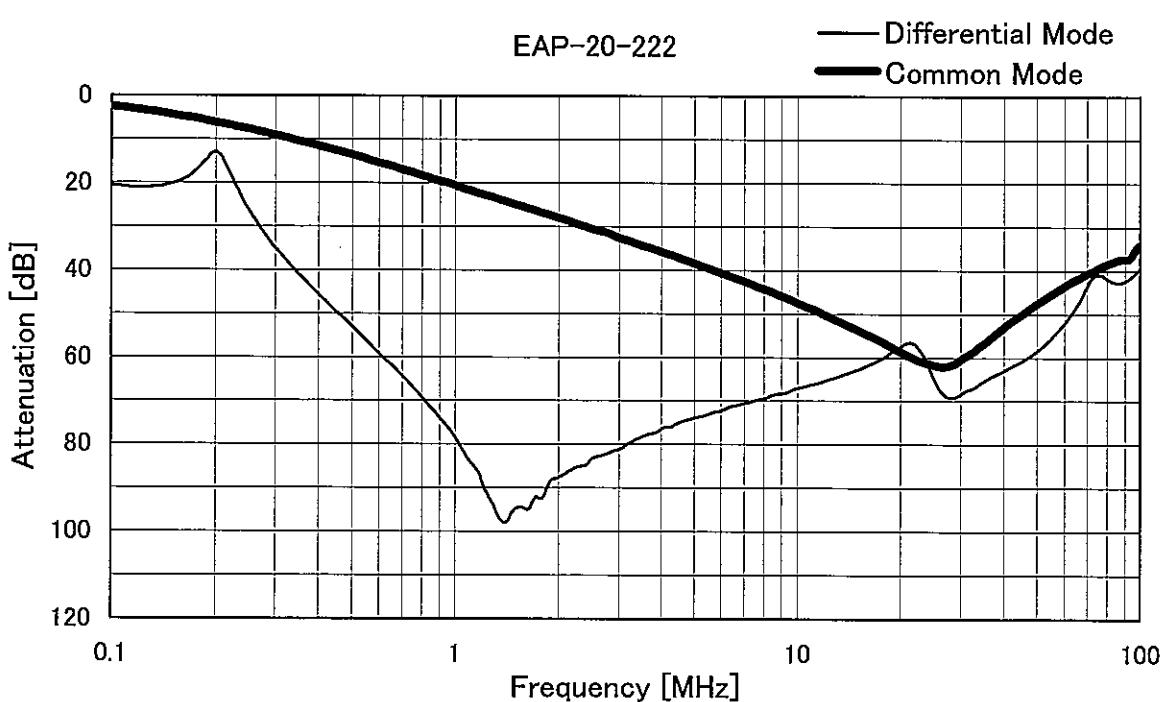
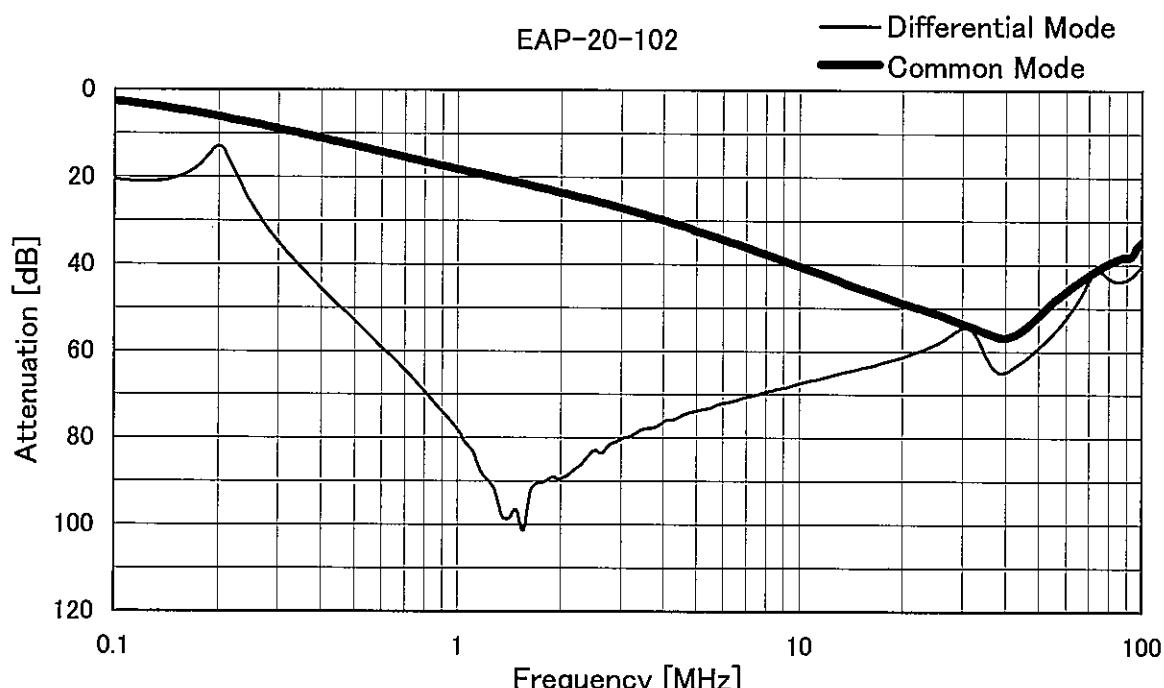


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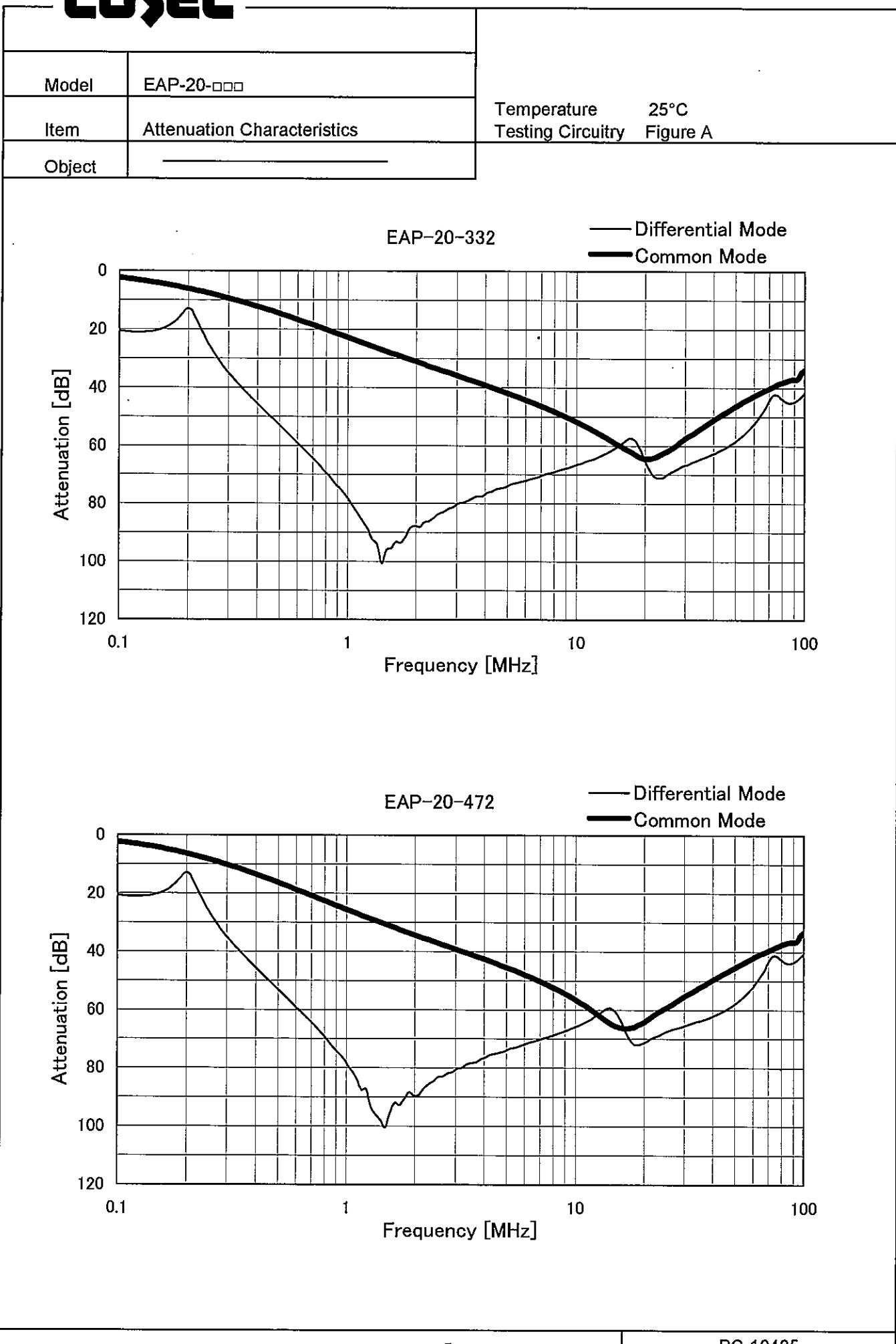


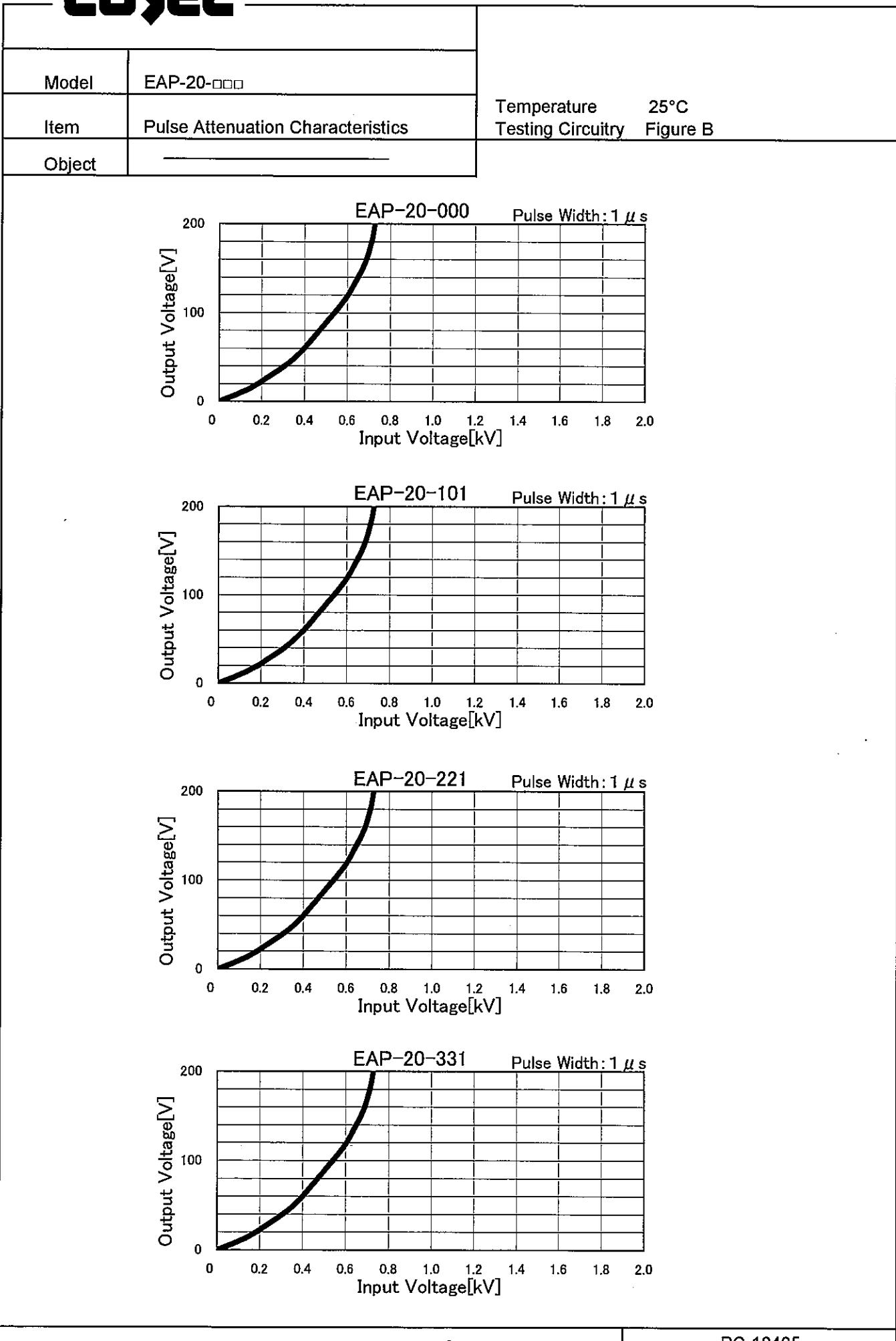
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Model	EAP-20-□□□	Temperature Testing Circuitry	25°C Figure A
Item	Attenuation Characteristics		
Object	—		



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Model	EAP-20-□□□	Temperature Testing Circuitry Figure B
Item	Pulse Attenuation Characteristics	
Object	—	

**EAP-20-471**      Pulse Width: 1  $\mu$ s

Input Voltage [kV]	Output Voltage [V]
0.0	0.0
0.2	20
0.4	50
0.6	100
0.7	190

**EAP-20-681**      Pulse Width: 1  $\mu$ s

Input Voltage [kV]	Output Voltage [V]
0.0	0.0
0.2	20
0.4	50
0.6	100
0.7	190

**EAP-20-102**      Pulse Width: 1  $\mu$ s

Input Voltage [kV]	Output Voltage [V]
0.0	0.0
0.2	20
0.4	50
0.6	100
0.7	190

**EAP-20-222**      Pulse Width: 1  $\mu$ s

Input Voltage [kV]	Output Voltage [V]
0.0	0.0
0.2	20
0.4	50
0.6	100
0.7	190

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Model	EAP-20-□□□	Temperature Testing Circuitry Figure B
Item	Pulse Attenuation Characteristics	
Object	_____	

**EAP-20-332**      Pulse Width: 1  $\mu$ s

Output Voltage[V]

Input Voltage[kV]

Input Voltage [kV]	Output Voltage [V]
0.0	0.0
0.2	20
0.4	60
0.6	100
0.75	190

**EAP-20-472**      Pulse Width: 1  $\mu$ s

Output Voltage[V]

Input Voltage[kV]

Input Voltage [kV]	Output Voltage [V]
0.0	0.0
0.2	20
0.4	60
0.6	100
0.75	190

- 8 -

BC-10405



Model	EAP-20-□□□	Temperature Testing Circuitry Figure C	25°C
Item	Leakage Current		
Object	_____		

## 1. Results

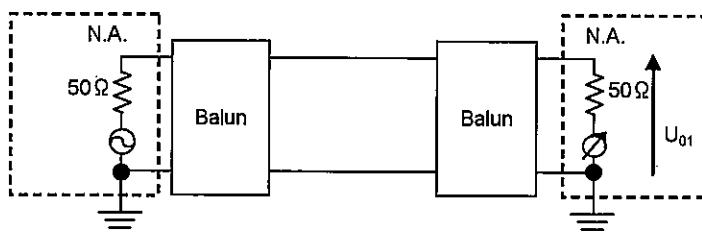
[mA]

Model	Standards	Input Volt.				Note
		100 [V]	125 [V]	230 [V]	250 [V]	
EAP-20-000	UL1283	0.002	0.002	0.004	0.005	
EAP-20-101	UL1283	0.006	0.007	0.013	0.015	
EAP-20-221	UL1283	0.011	0.013	0.025	0.028	
EAP-20-331	UL1283	0.015	0.019	0.038	0.042	
EAP-20-471	UL1283	0.023	0.030	0.061	0.069	
EAP-20-681	UL1283	0.031	0.040	0.082	0.093	
EAP-20-102	UL1283	0.044	0.056	0.110	0.120	
EAP-20-222	UL1283	0.090	0.120	0.230	0.250	
EAP-20-332	UL1283	0.130	0.170	0.340	0.370	
EAP-20-472	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.

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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

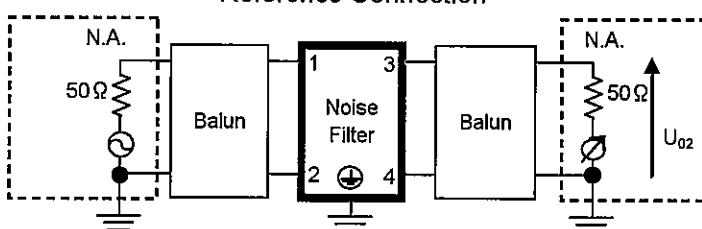
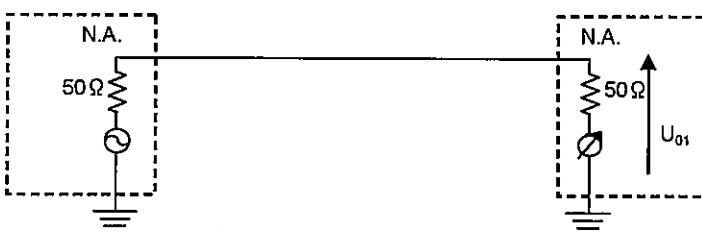


Figure A - 1 Differential mode attenuation measurement



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

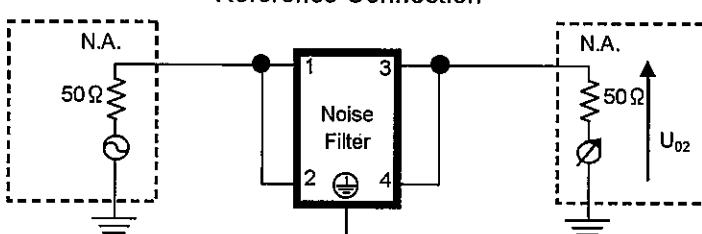


Figure A - 2 Common mode attenuation measurement

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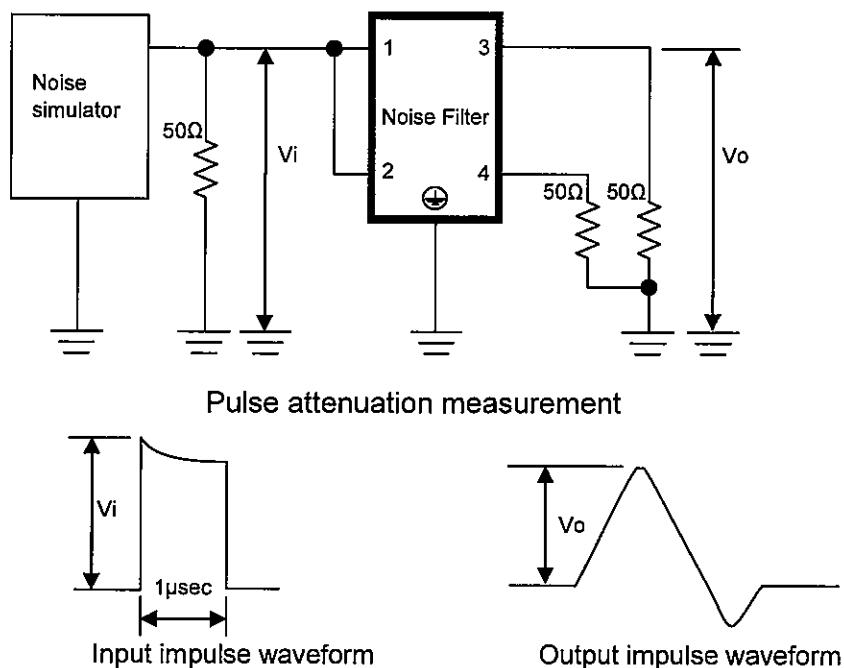


Figure B Pulse attenuation measurement

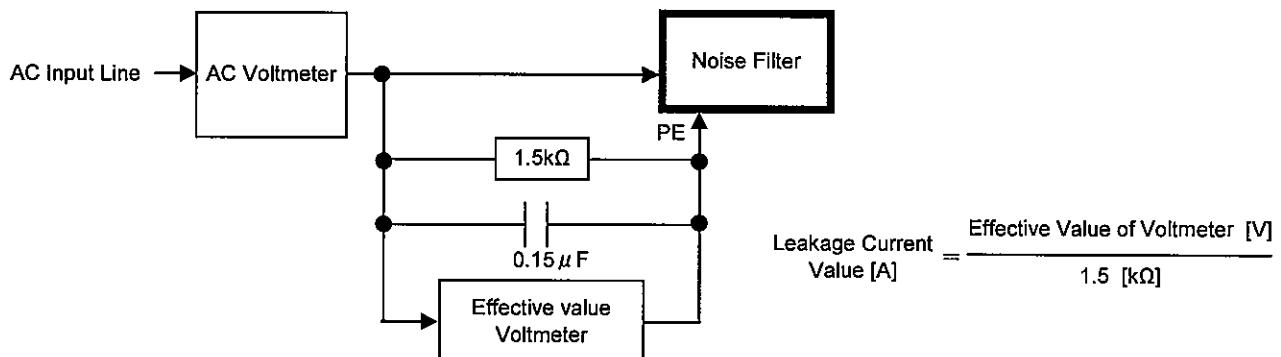


Figure C Leakage current measurement ( UL1283 )