

**TEST DATA OF EAC-03-□□□/ESC-03-□□□****Noise Filter**

Nov. 30. 2010

Approved by : Toshio Watanabe  
Toshio Watanabe Design Manager

Prepared by : Tadayuki Noda  
Tadayuki Noda Design Engineer

**COSEL CO.,LTD.**

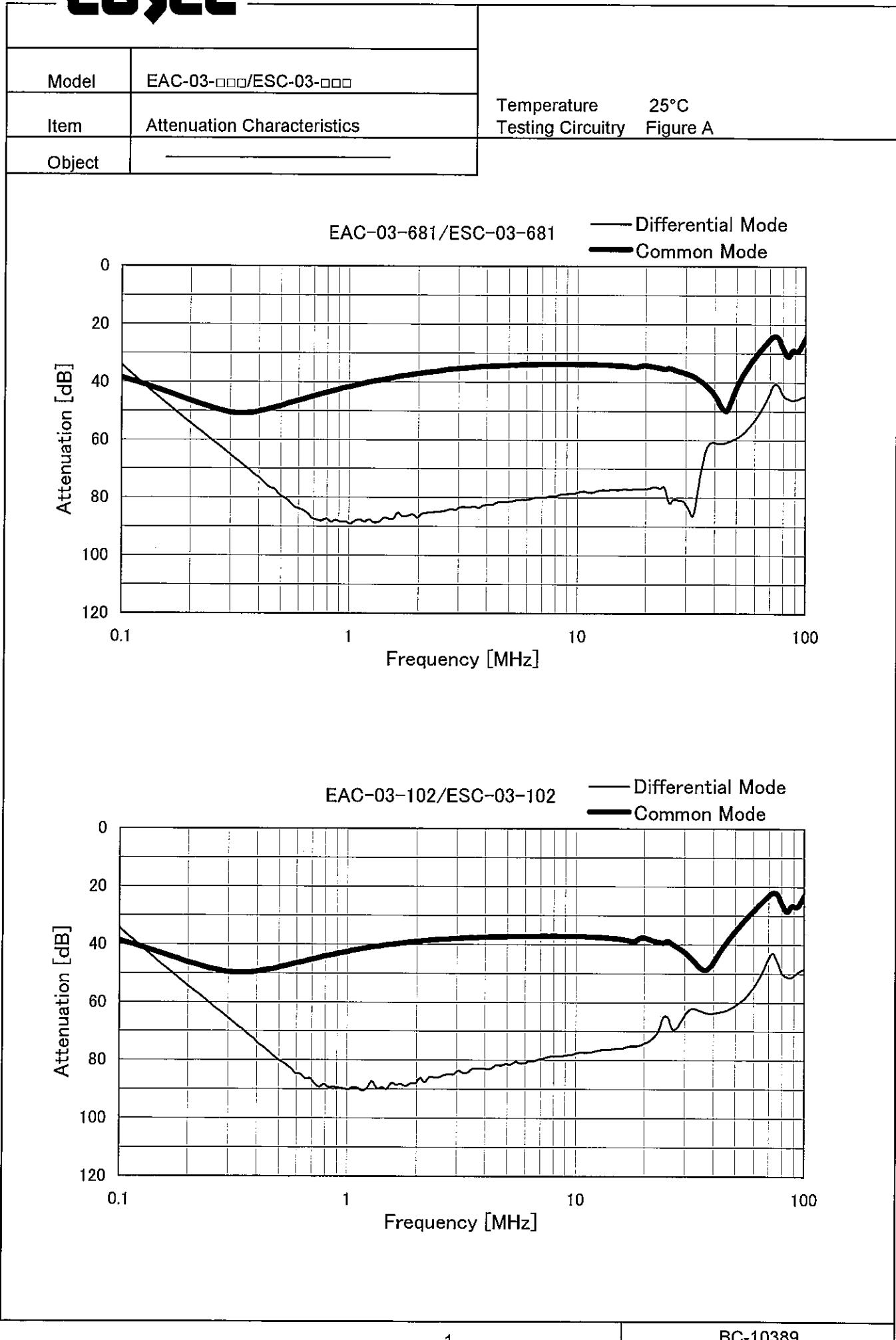


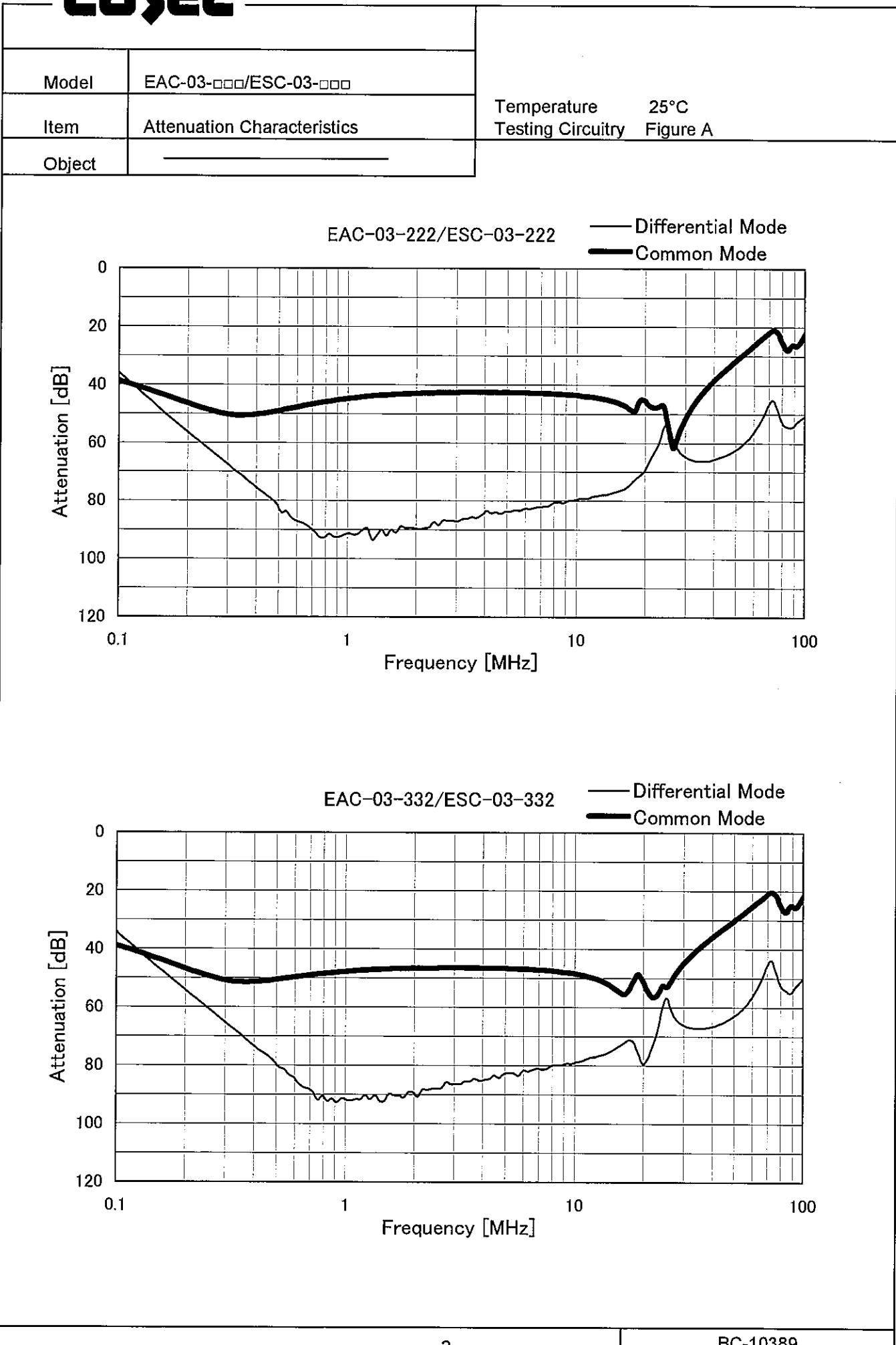
## CONTENTS

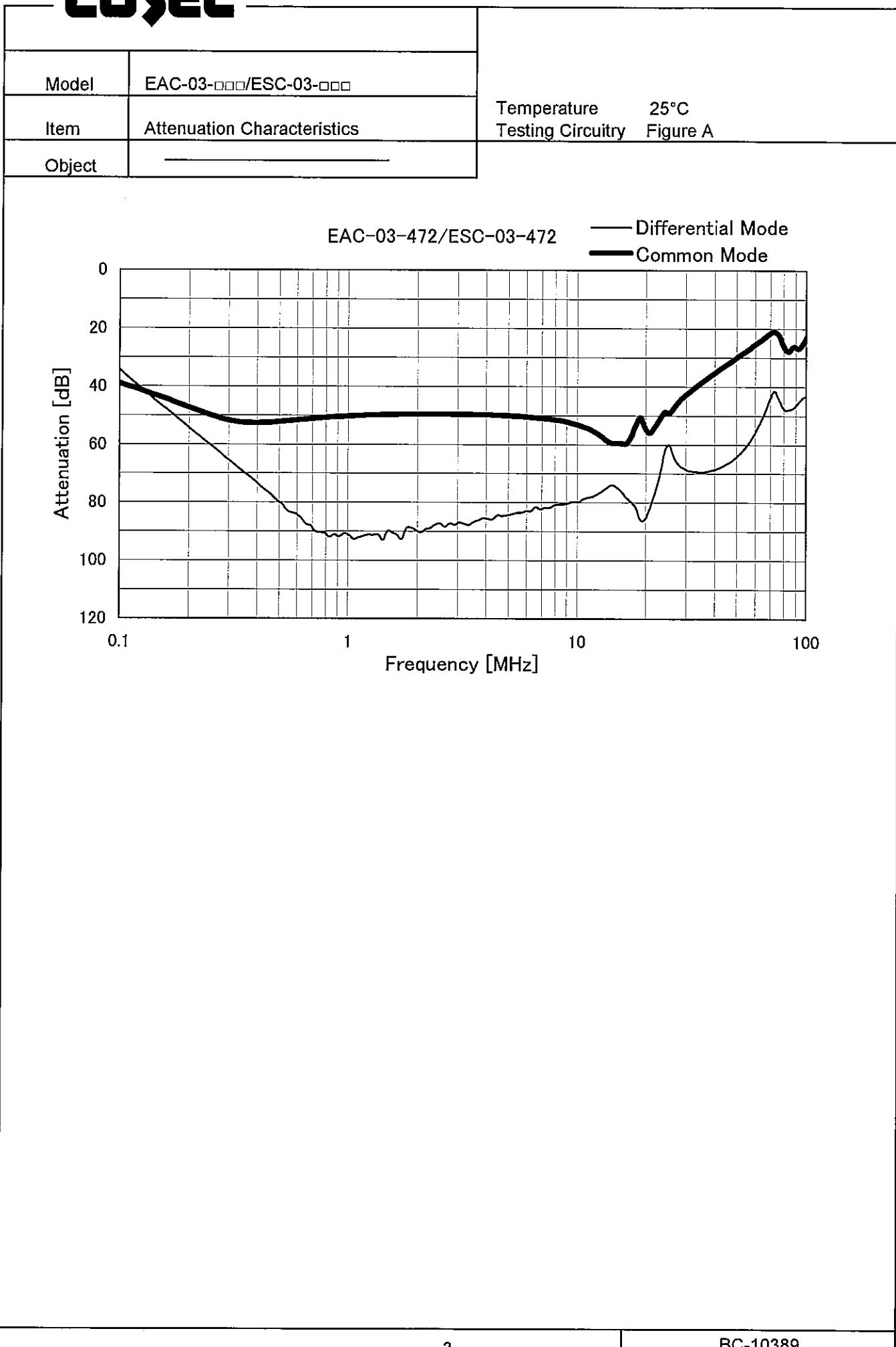
1.Attenuation Characteristics . . . . .	1
2.Pulse Attenuation Characteristics . . . . .	4
3.Leakage Current . . . . .	6
4.Figure of Testing Circuitry . . . . .	7

(Final Page 8)

COSEL

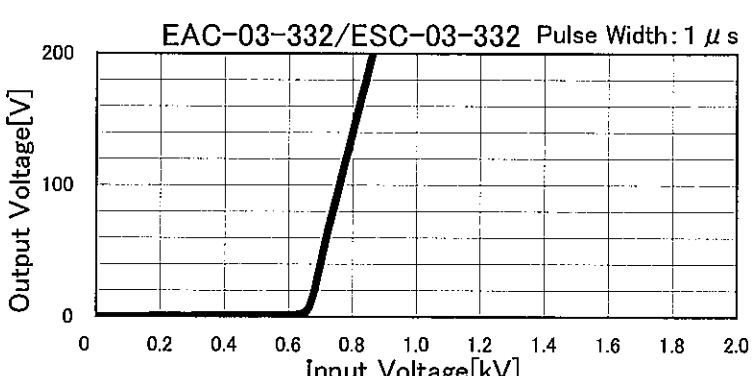
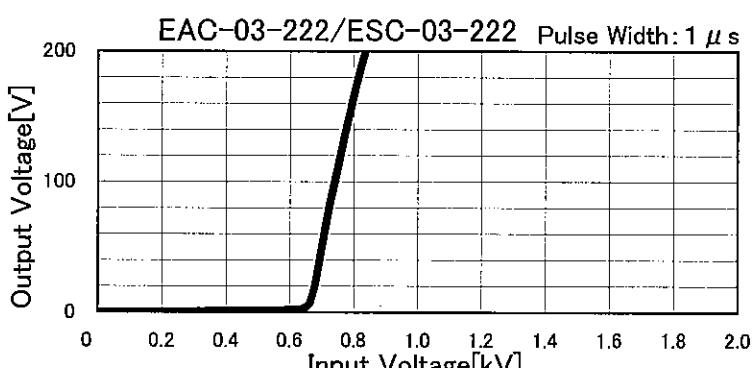
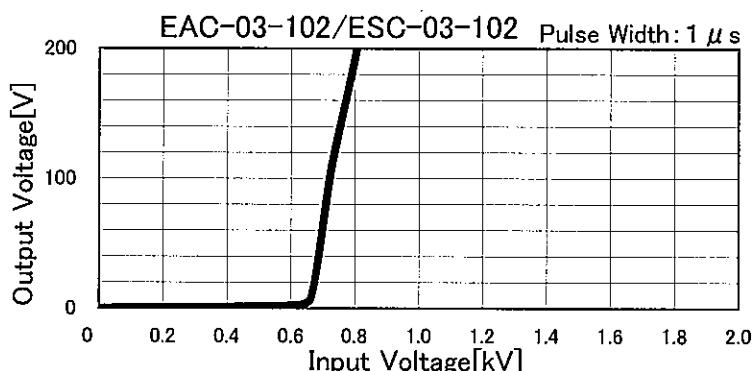
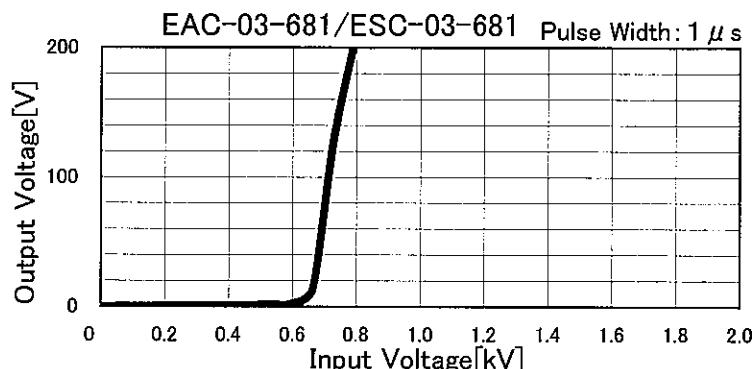


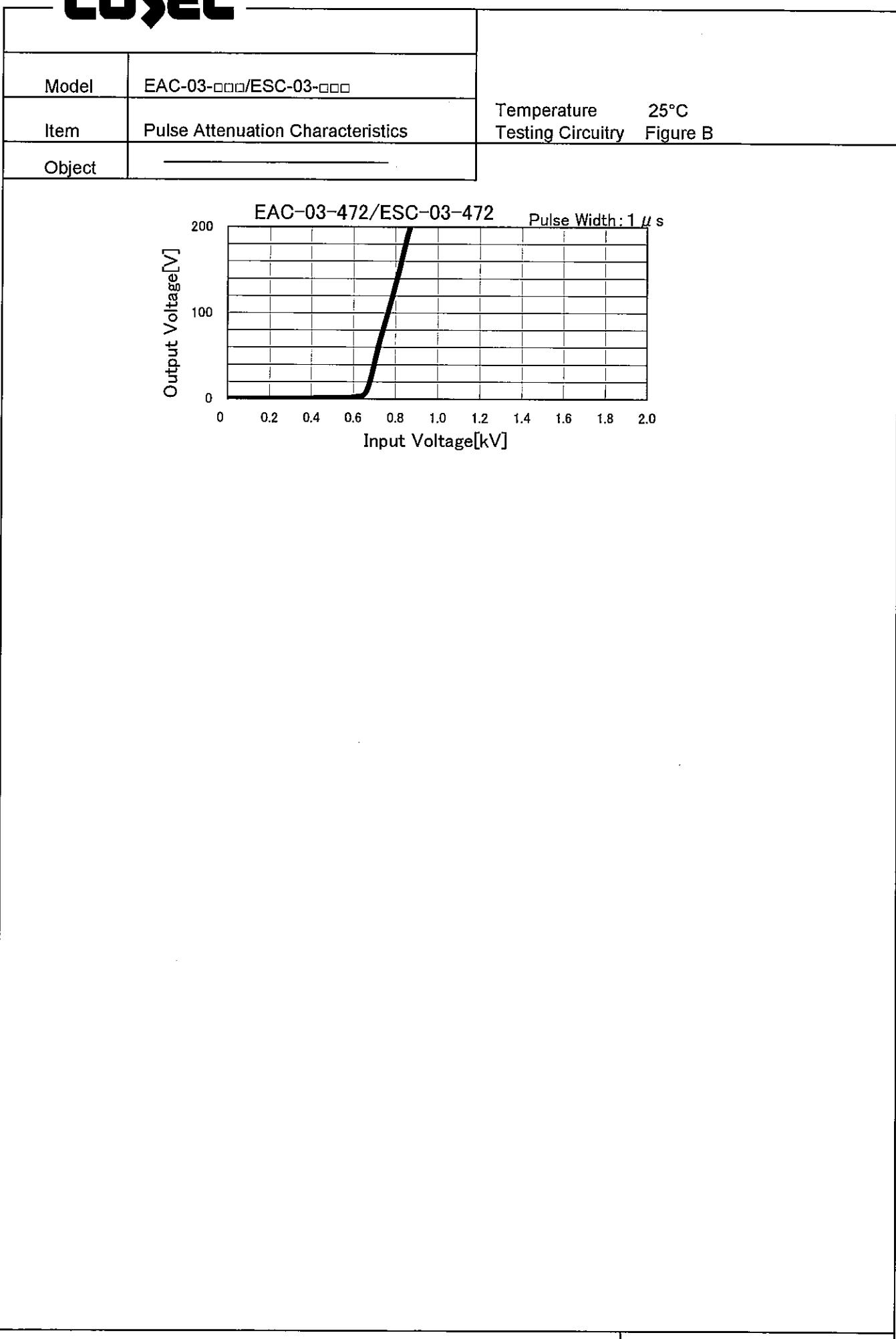
**COSEL**

**COSEL**

COSEL

Model	EAC-03-□□□/ESC-03-□□□	Temperature Testing Circuitry	25°C Figure B
Item	Pulse Attenuation Characteristics		
Object	<hr/>		



**COSEL**



Model	EAC-03-□□□/ESC-03-□□□	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]	
EAC-03-681 ESC-03-681	UL1283	0.031	0.040	0.082	0.093	
EAC-03-102 ESC-03-102	UL1283	0.044	0.056	0.110	0.120	
EAC-03-222 ESC-03-222	UL1283	0.090	0.120	0.230	0.250	
EAC-03-332 ESC-03-332	UL1283	0.130	0.170	0.340	0.370	
EAC-03-472 ESC-03-472	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.

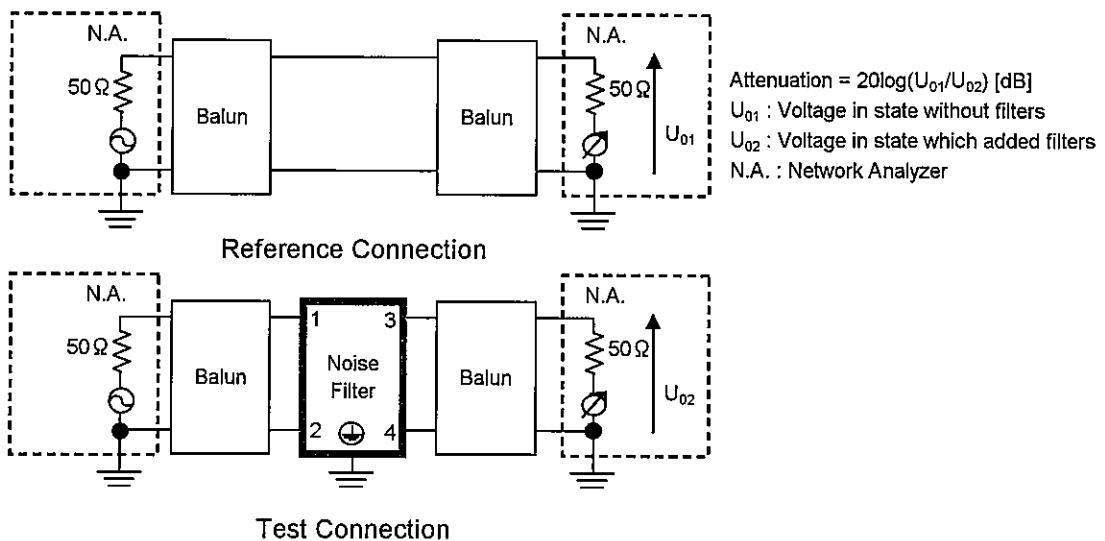


Figure A - 1 Differential mode attenuation measurement

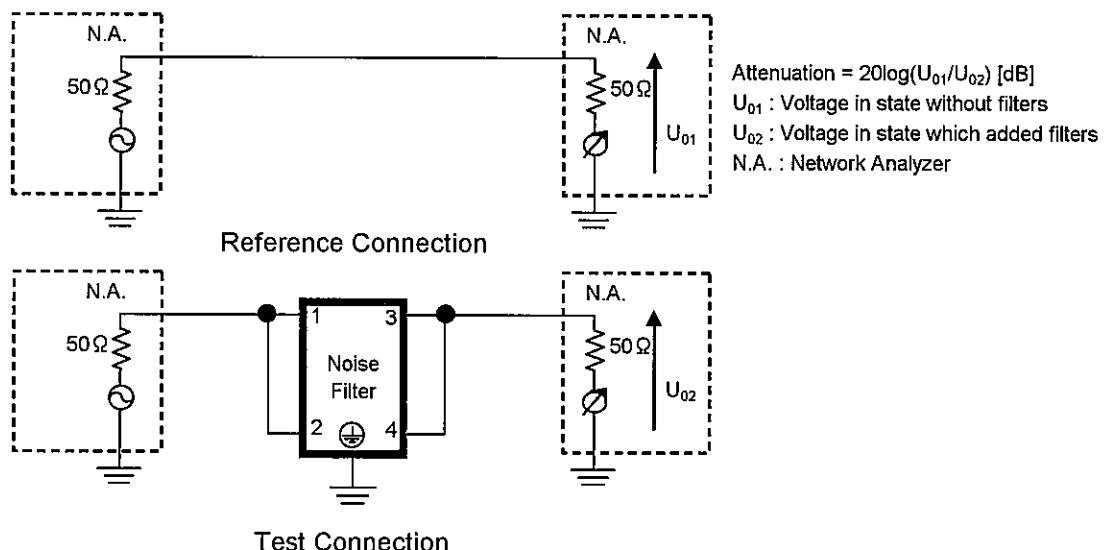


Figure A - 2 Common mode attenuation measurement

COSEL

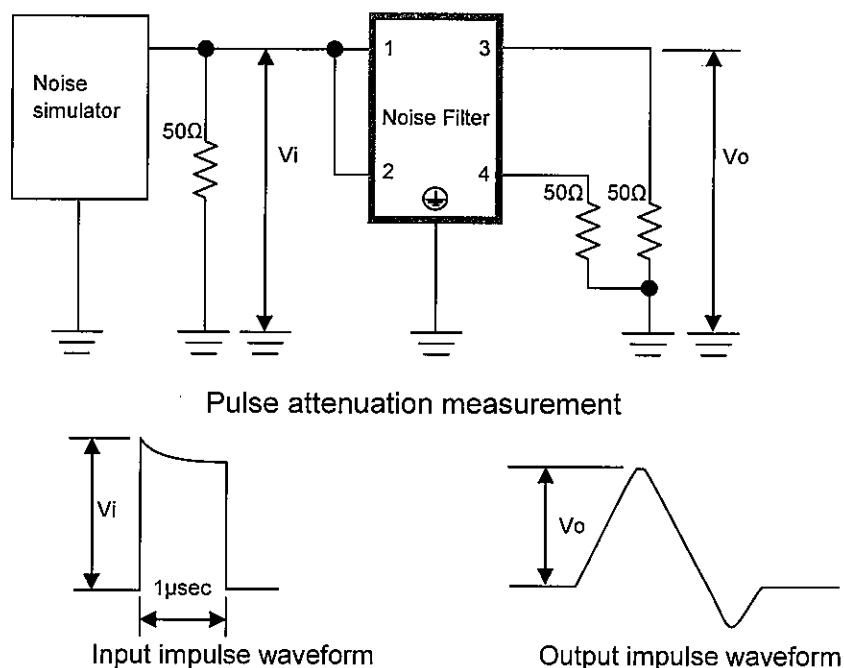


Figure B Pulse attenuation measurement

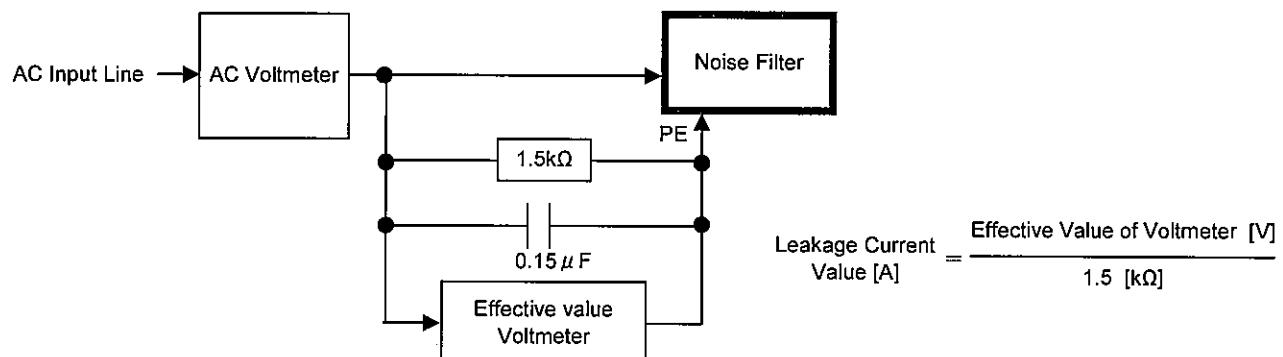


Figure C Leakage current measurement ( UL1283 )