

**TEST DATA OF EAP-16-□□□/ESP-16-□□□****Noise Filter**

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Toshio Watanabe Design Manager

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Tadayuki Noda Design Engineer

**COSEL CO.,LTD.**

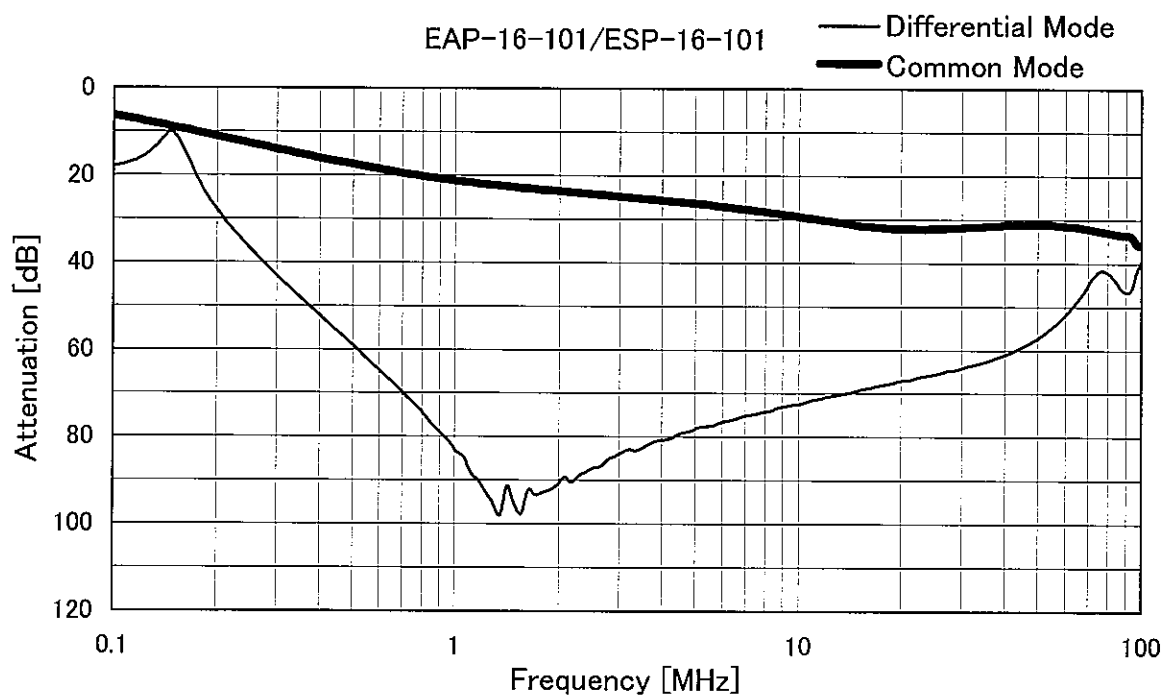
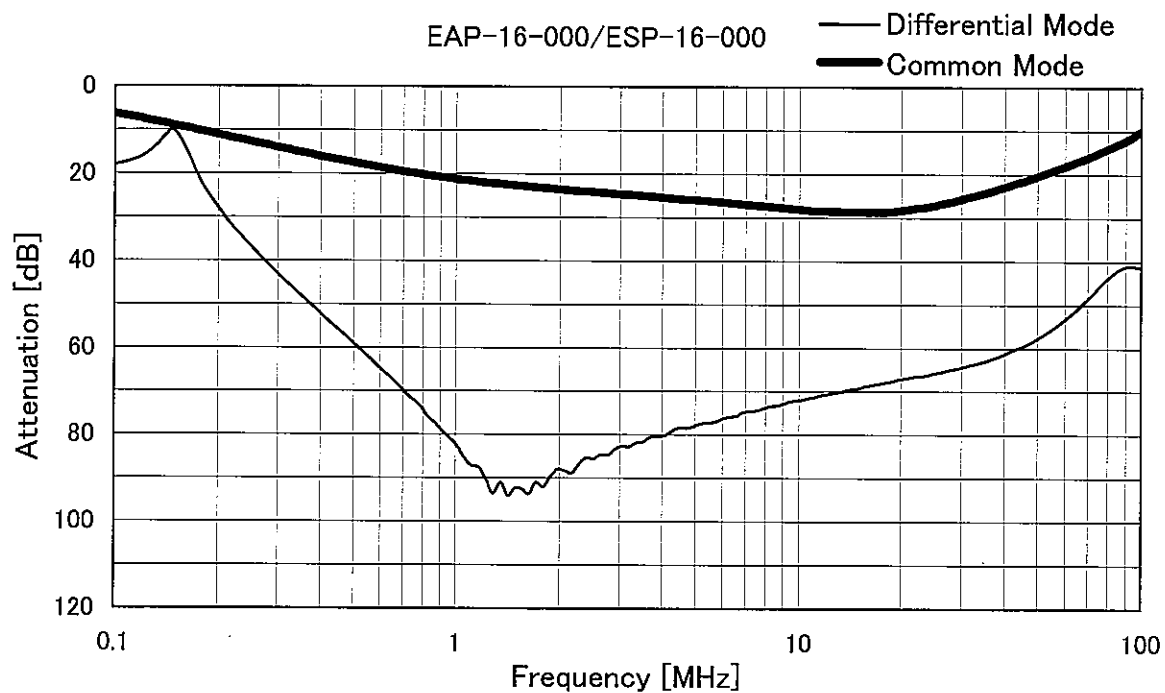
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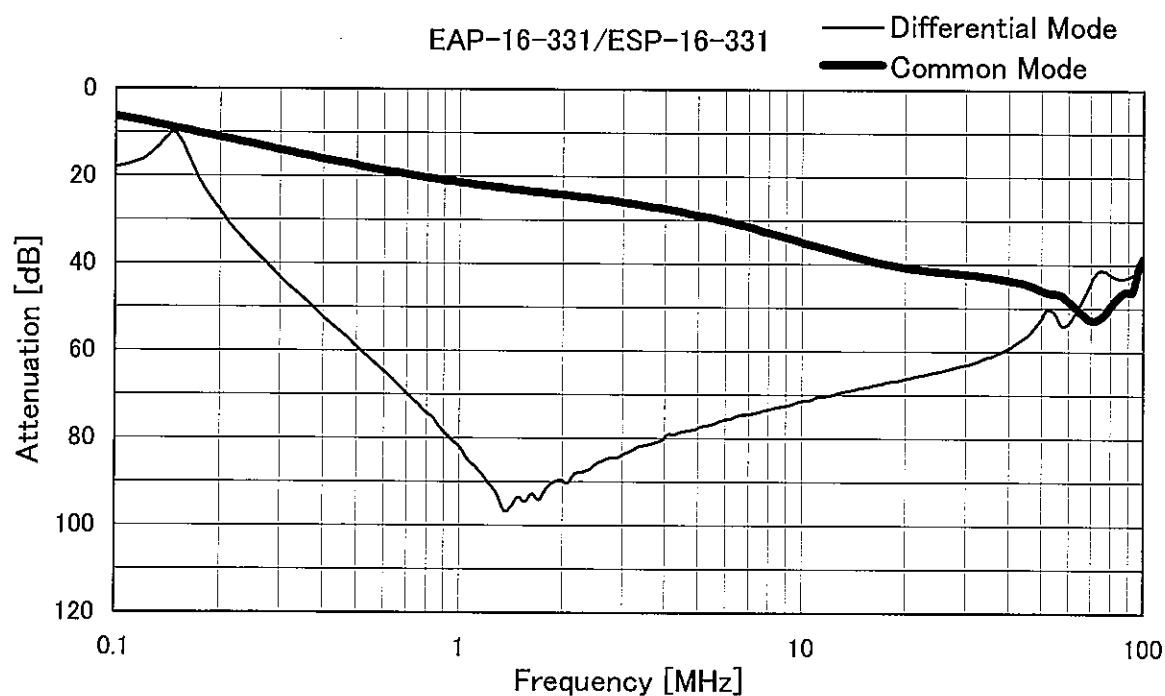
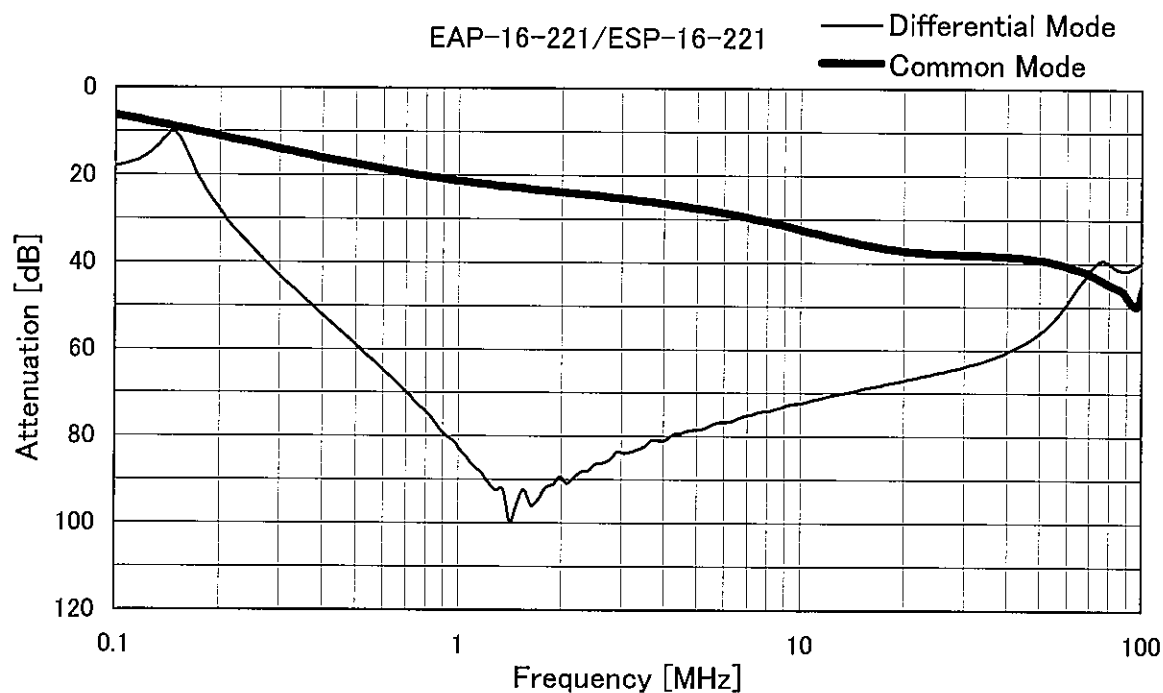
# COSEL

Model	EAP-16-□□□/ESP-16-□□□	Temperature	25°C
Item	Attenuation Characteristics	Testing Circuitry	Figure A
Object			



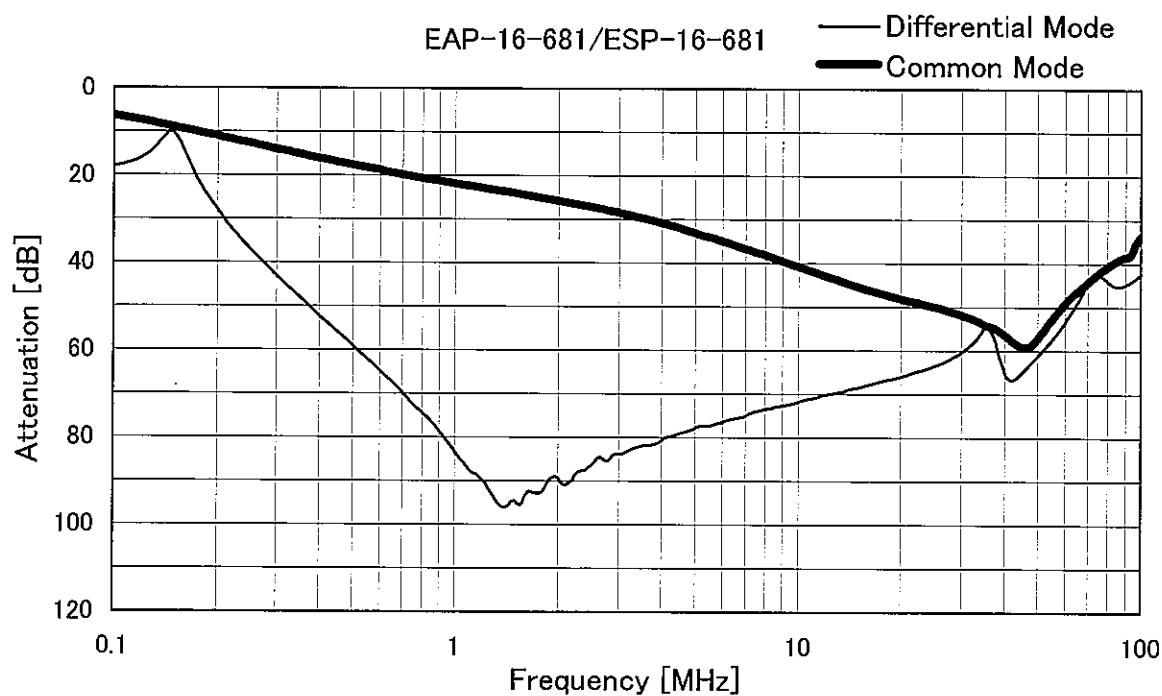
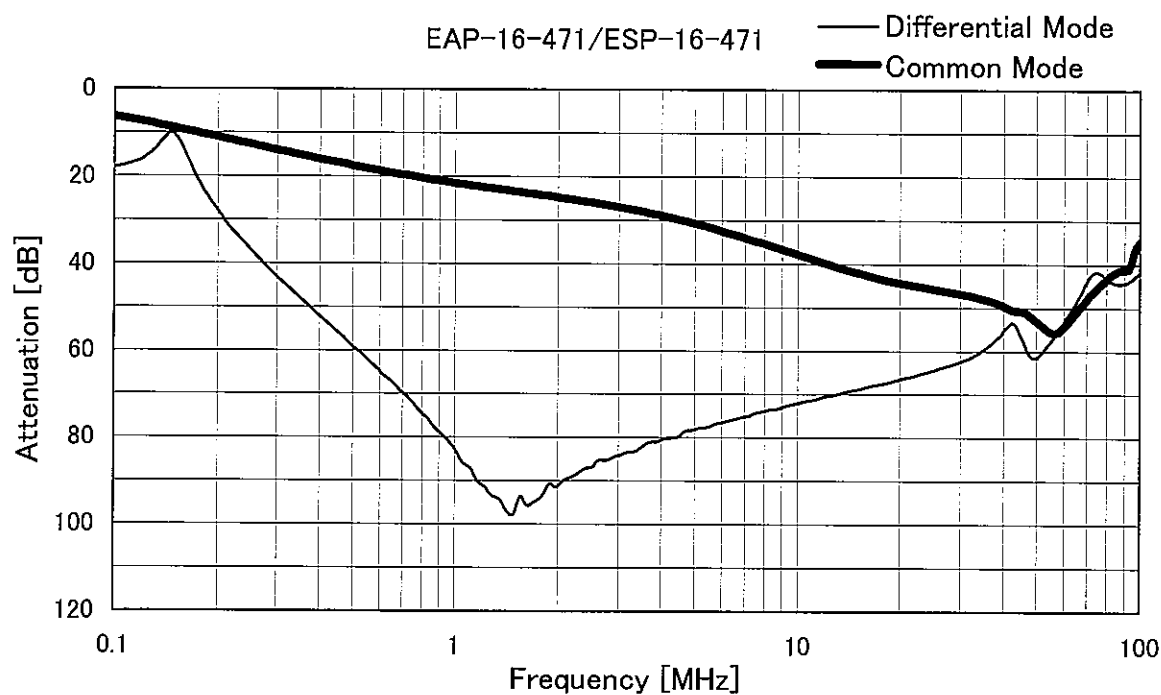
# COSEL

Model	EAP-16-□□□/ESP-16-□□□	Temperature	25°C
Item	Attenuation Characteristics	Testing Circuitry	Figure A
Object	_____		



# COSEL

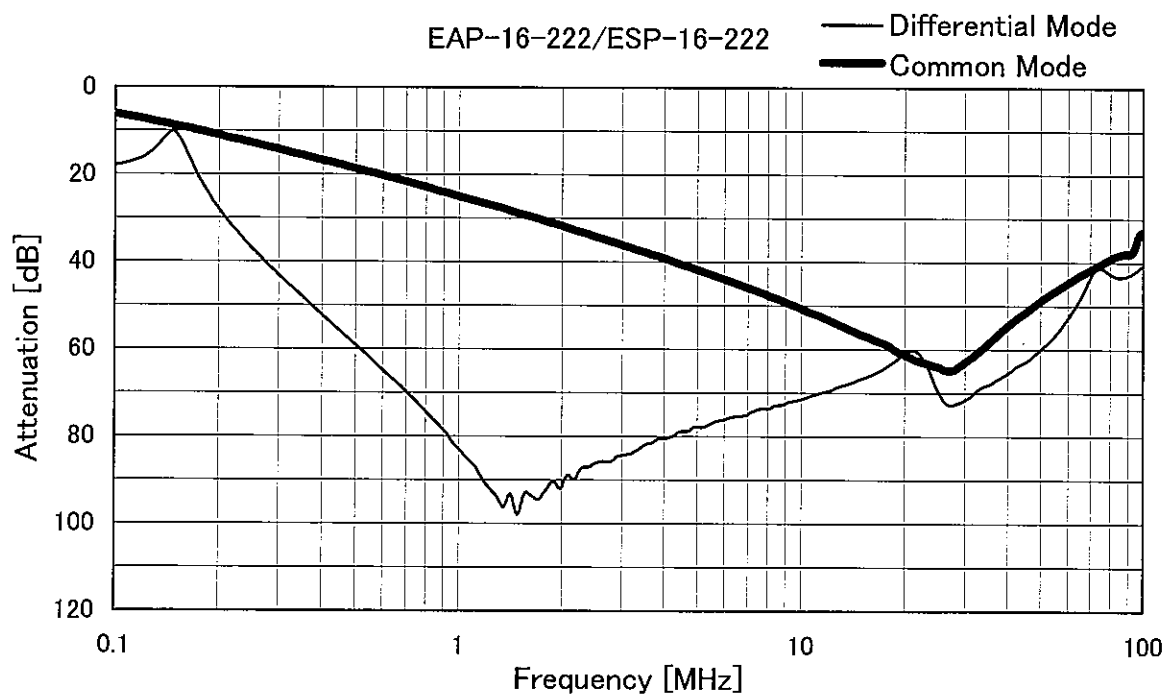
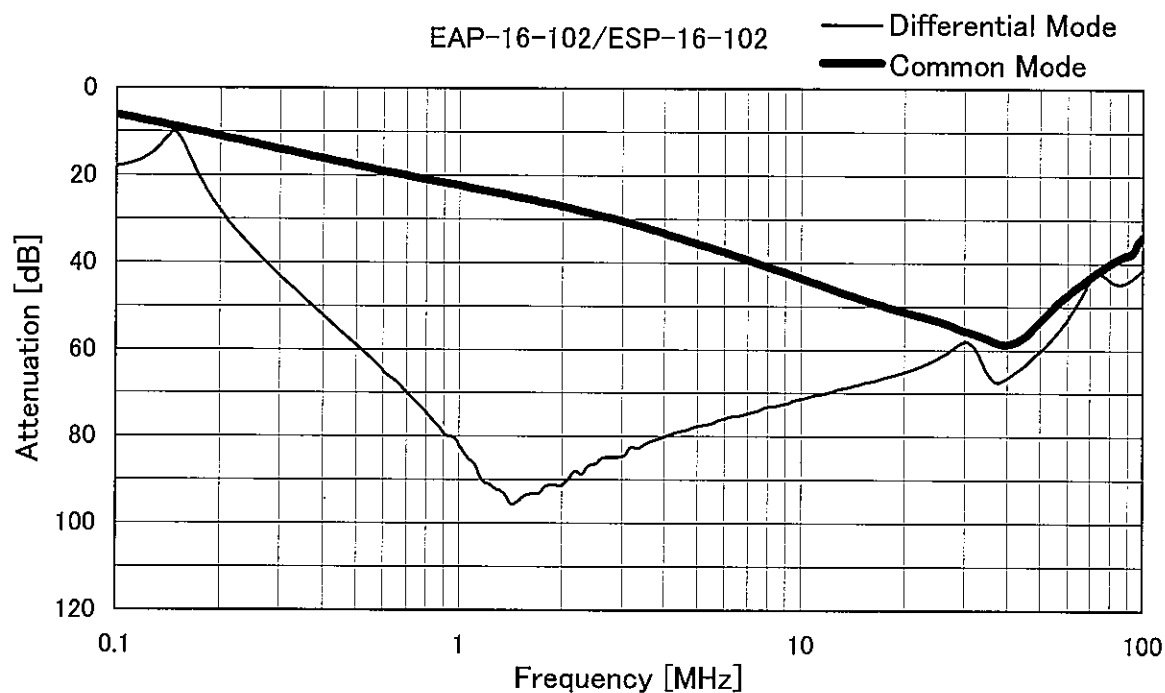
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Item	Attenuation Characteristics	Temperature	25°C
Object		Testing Circuitry	Figure A



# COSEL

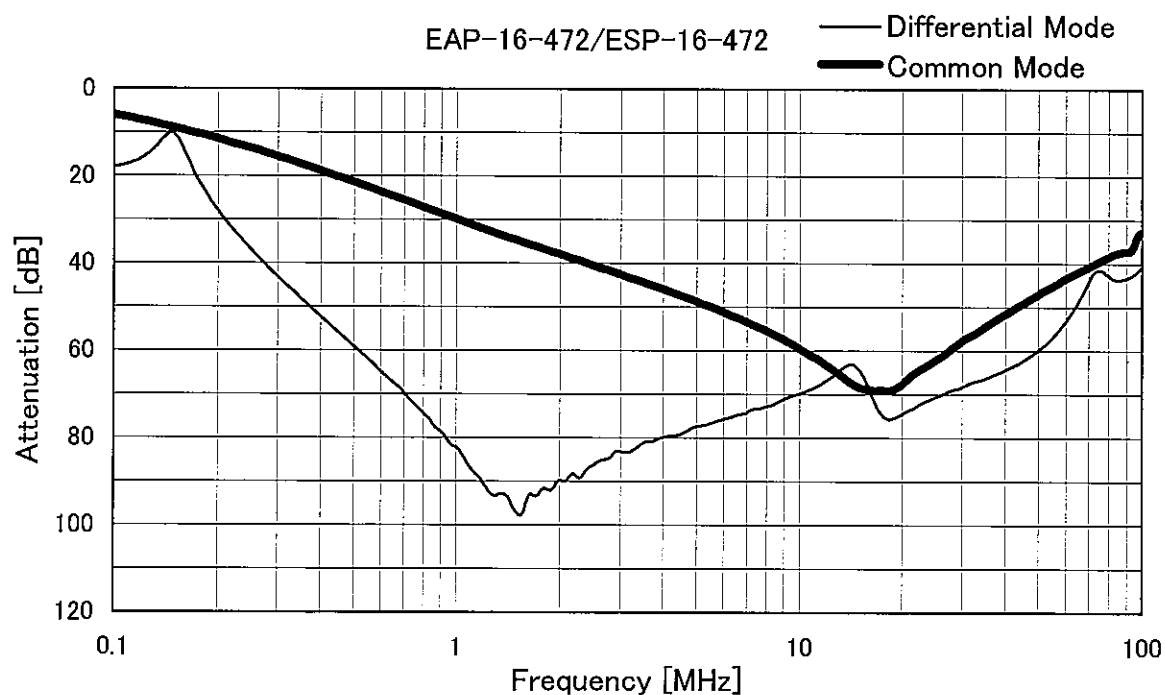
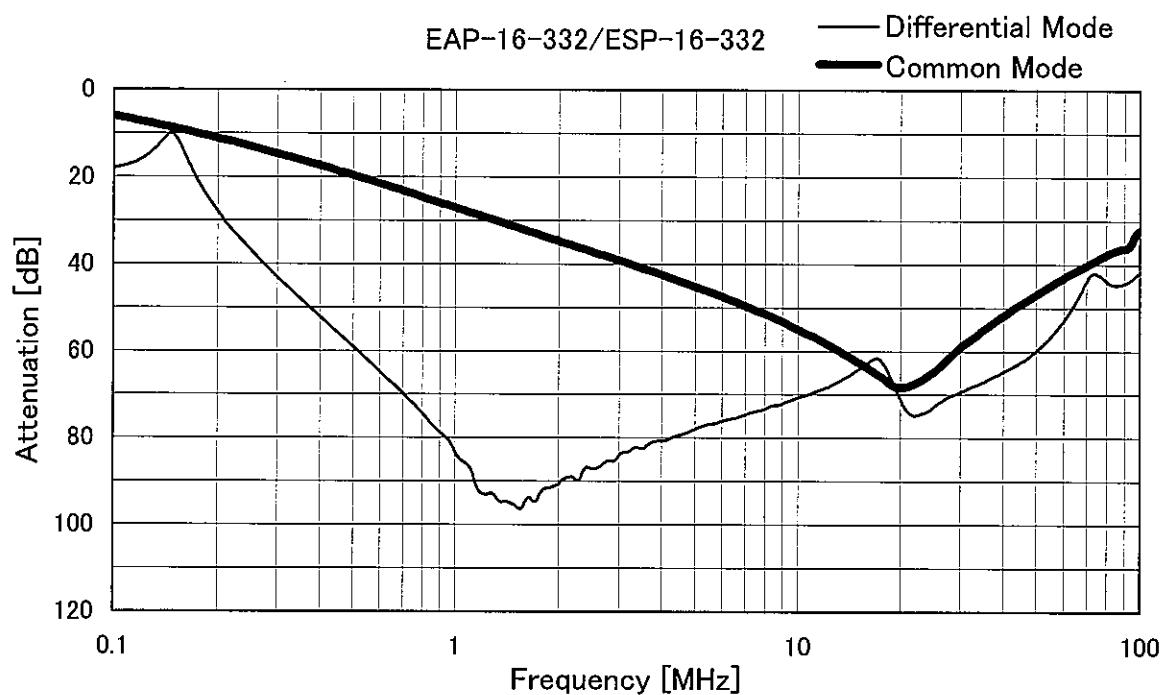
Model	EAP-16-□□□/ESP-16-□□□
Item	Attenuation Characteristics
Object	_____

Temperature 25°C  
Testing Circuitry Figure A

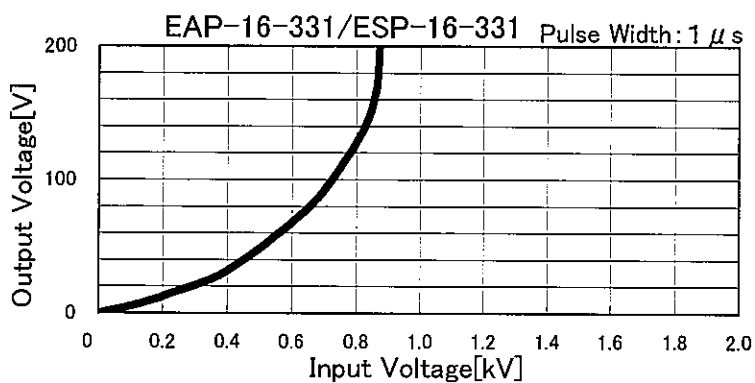
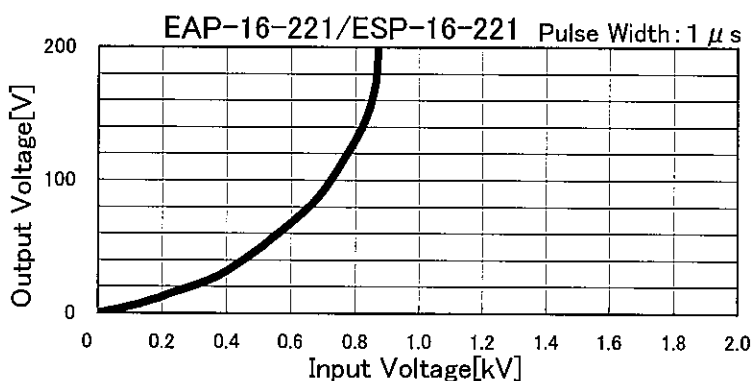
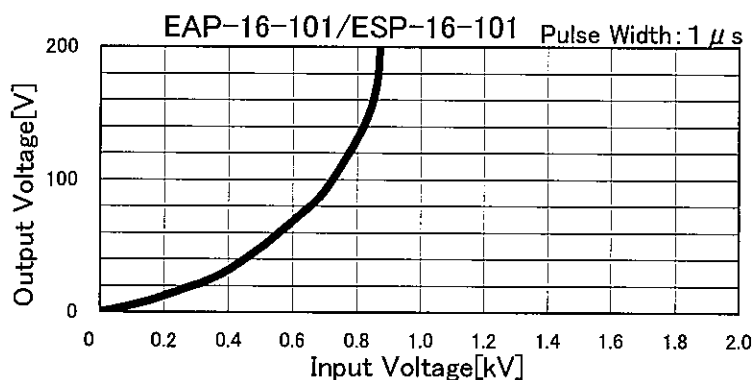
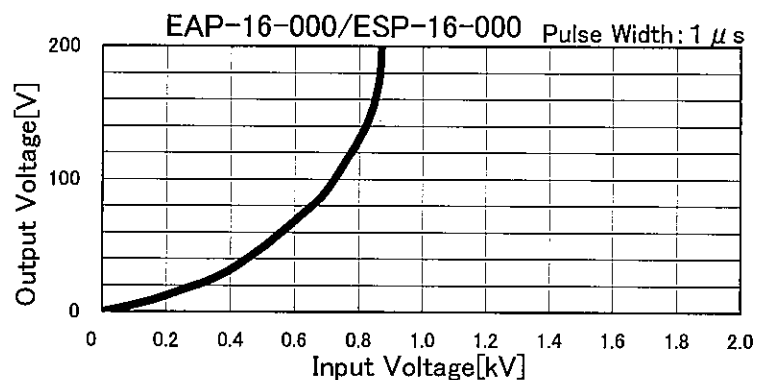


# COSEL

Model	EAP-16-□□□/ESP-16-□□□		
Item	Attenuation Characteristics	Temperature	25°C
Object		Testing Circuitry	Figure A

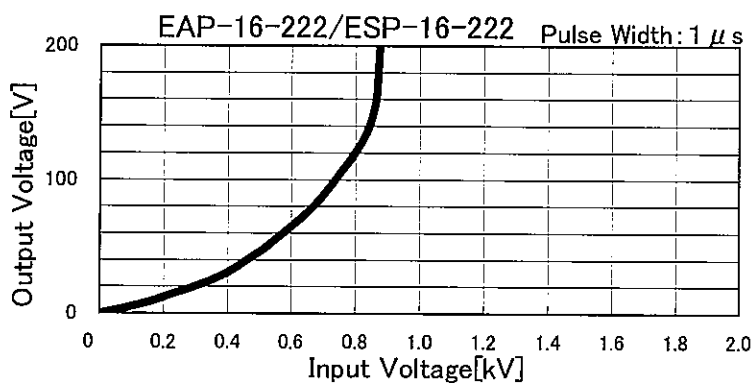
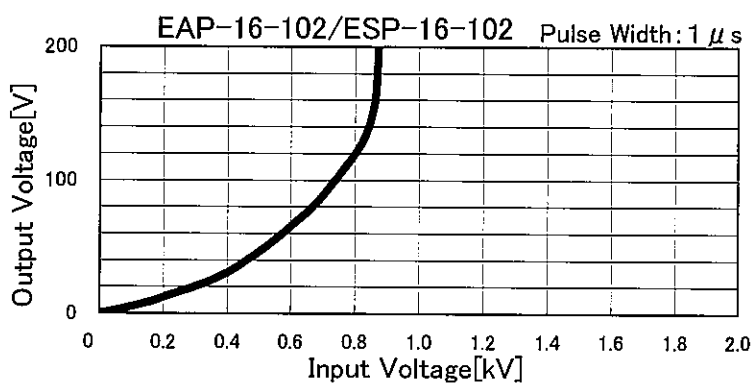
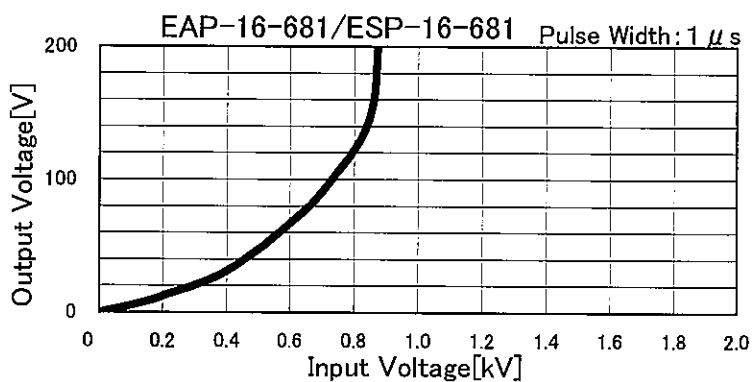
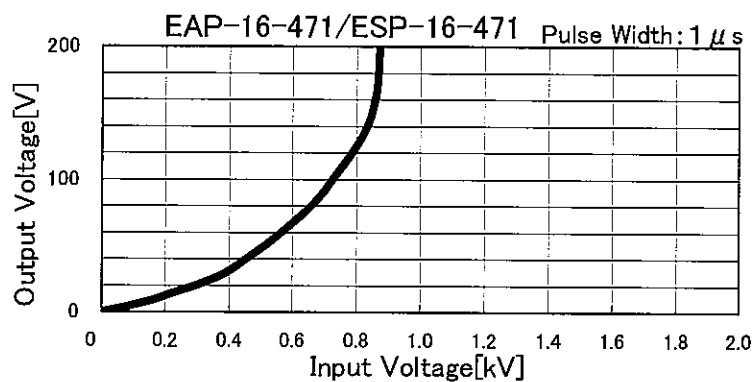


Model	EAP-16-□□□/ESP-16-□□□	Temperature	25°C
Item	Pulse Attenuation Characteristics	Testing Circuitry	Figure B
Object	_____		

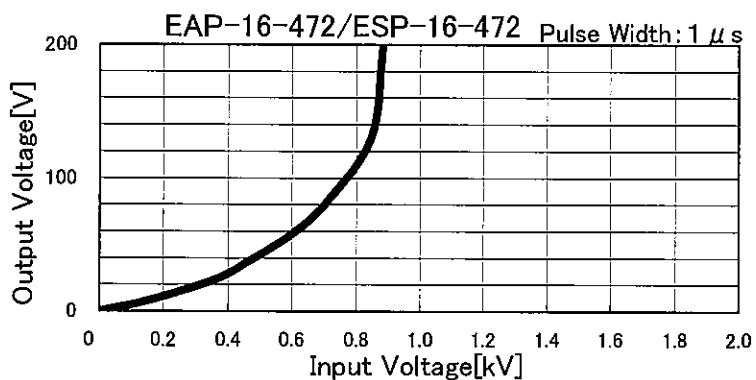
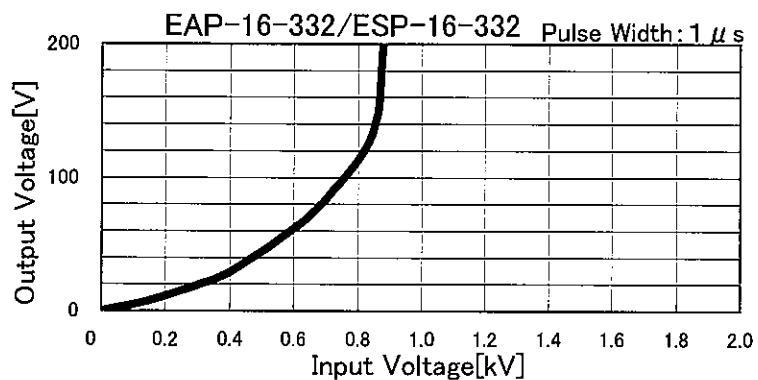




Model	EAP-16-□□□/ESP-16-□□□	Temperature	25°C
Item	Pulse Attenuation Characteristics	Testing Circuitry	Figure B
Object	_____		



Model	EAP-16-□□□/ESP-16-□□□	Temperature	25°C
Item	Pulse Attenuation Characteristics	Testing Circuitry	Figure B
Object			





Model		EAP-16-□□□/ESP-16-□□□
Item		Leakage Current
Object		_____
		Temperature 25°C Testing Circuitry Figure C

## 1.Results

[mA]

Model	Standards	Input Volt.				Note
		100 [V]	125 [V]	230 [V]	250 [V]	
EAP-16-000 ESP-16-000	UL1283	0.002	0.002	0.004	0.005	
EAP-16-101 ESP-16-101	UL1283	0.006	0.007	0.013	0.015	
EAP-16-221 ESP-16-221	UL1283	0.011	0.013	0.025	0.028	
EAP-16-331 ESP-16-331	UL1283	0.015	0.019	0.038	0.042	
EAP-16-471 ESP-16-471	UL1283	0.023	0.030	0.061	0.069	
EAP-16-681 ESP-16-681	UL1283	0.031	0.040	0.082	0.093	
EAP-16-102 ESP-16-102	UL1283	0.044	0.056	0.110	0.120	
EAP-16-222 ESP-16-222	UL1283	0.090	0.120	0.230	0.250	
EAP-16-332 ESP-16-332	UL1283	0.130	0.170	0.340	0.370	
EAP-16-472 ESP-16-472	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.

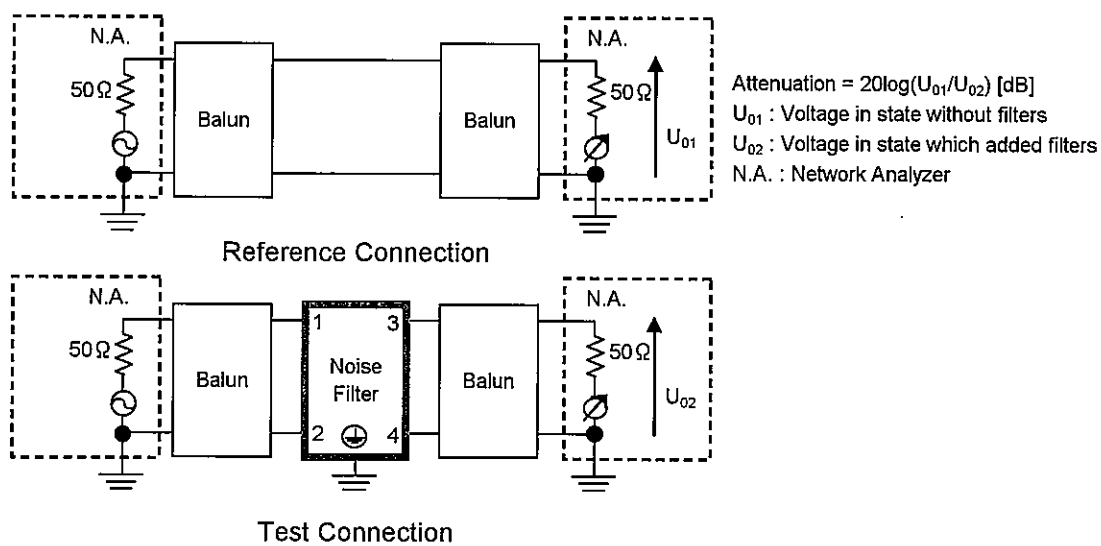


Figure A - 1 Differential mode attenuation measurement

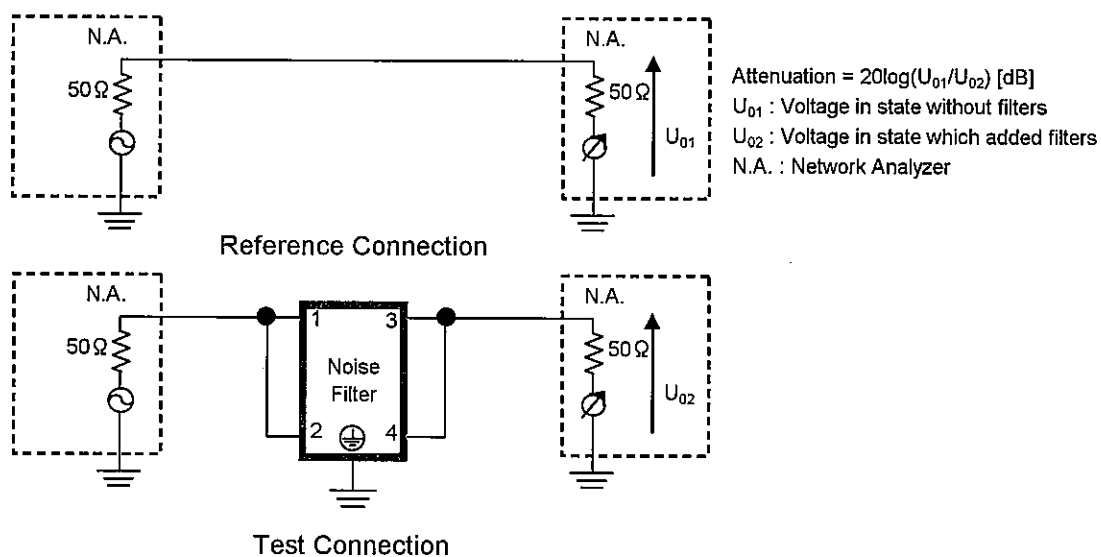
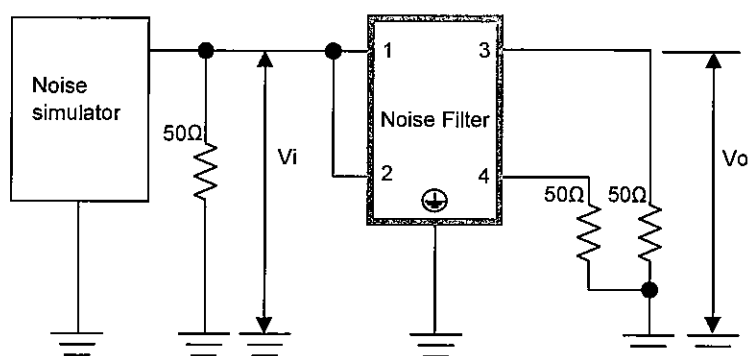
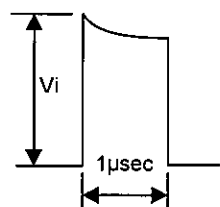


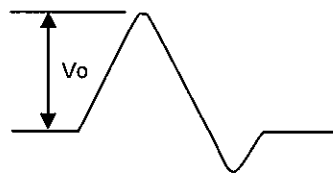
Figure A - 2 Common mode attenuation measurement



Pulse attenuation measurement



Input impulse waveform



Output impulse waveform

Figure B Pulse attenuation measurement

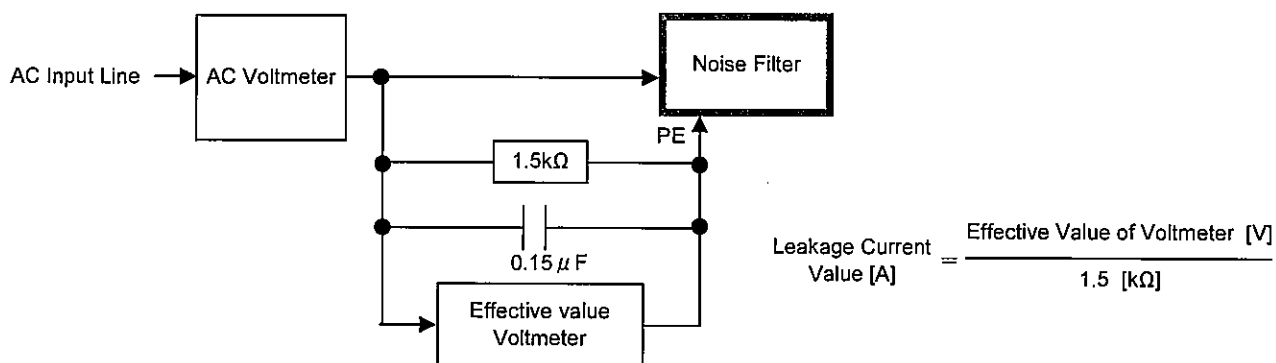


Figure C Leakage current measurement ( UL1283 )