

# TEST DATA OF NBH-20-□□□

Noise Filter

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Toshio Watanabe Design Manager

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Tadayuki Noda Design Engineer

**COSEL CO.,LTD.**

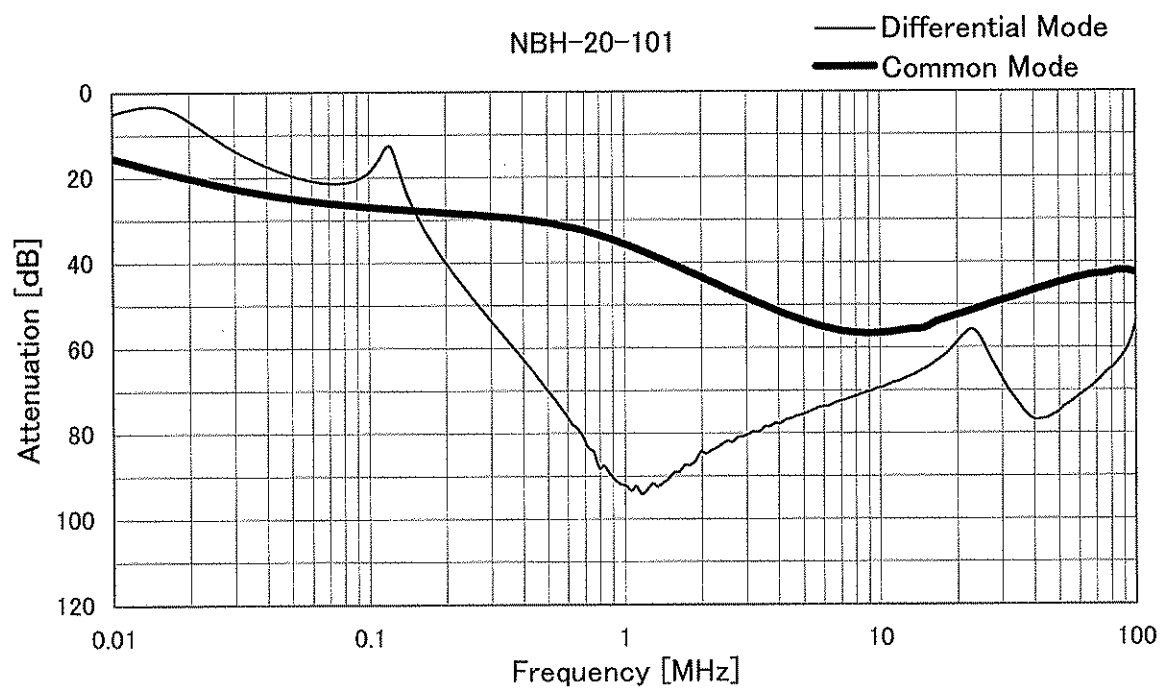
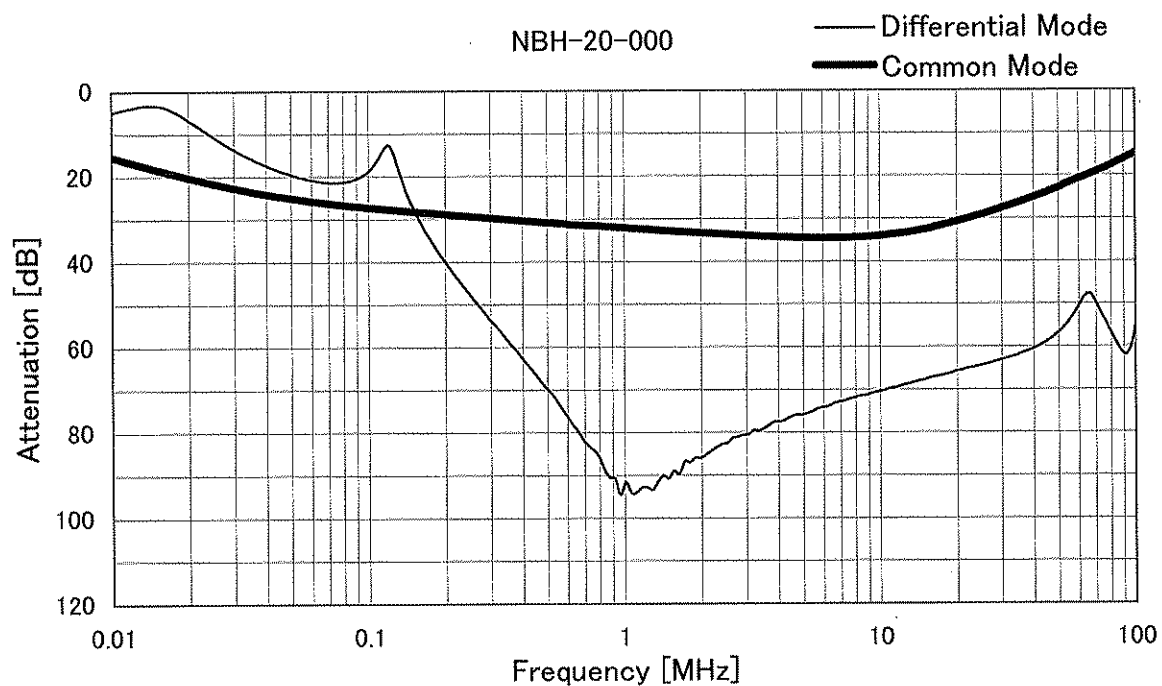
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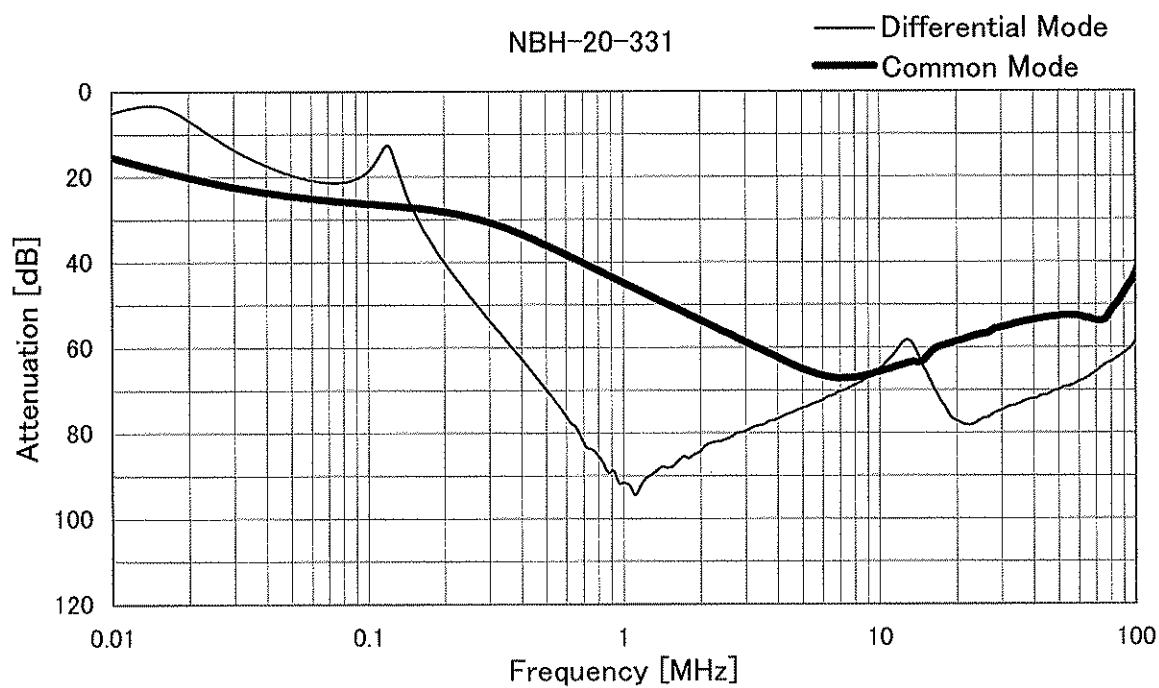
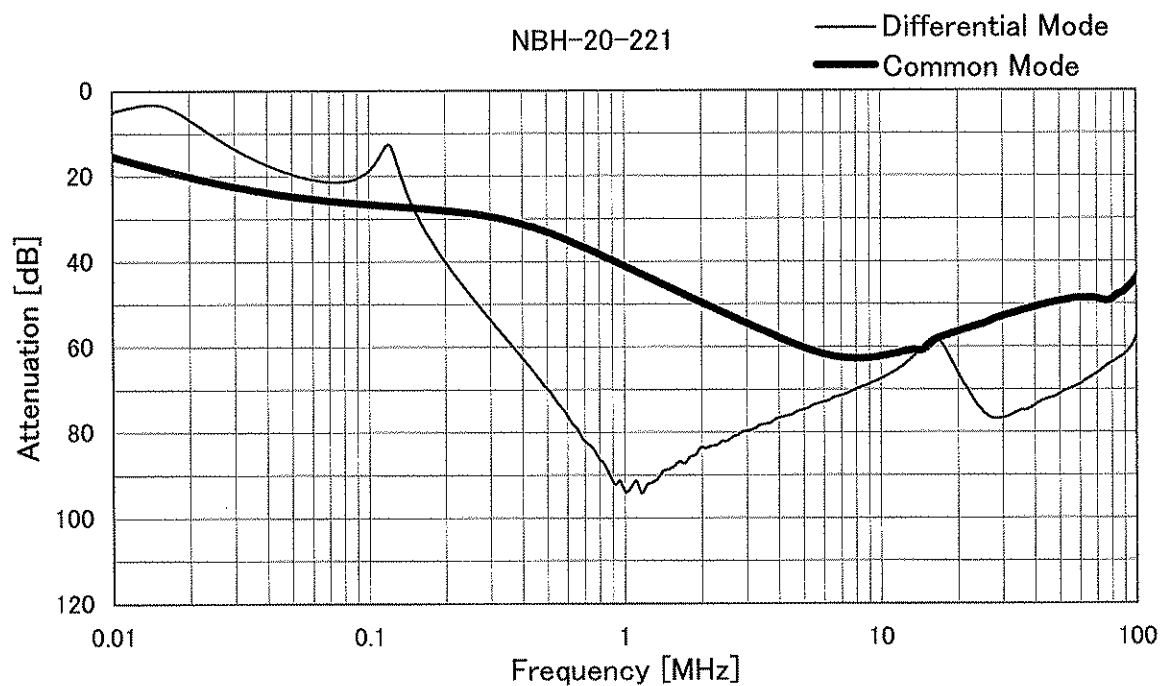
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Model	NBH-20-□□□	Temperature 25°C Testing Circuitry Figure A
Item	Attenuation Characteristics	
Object	_____	



# COSEL

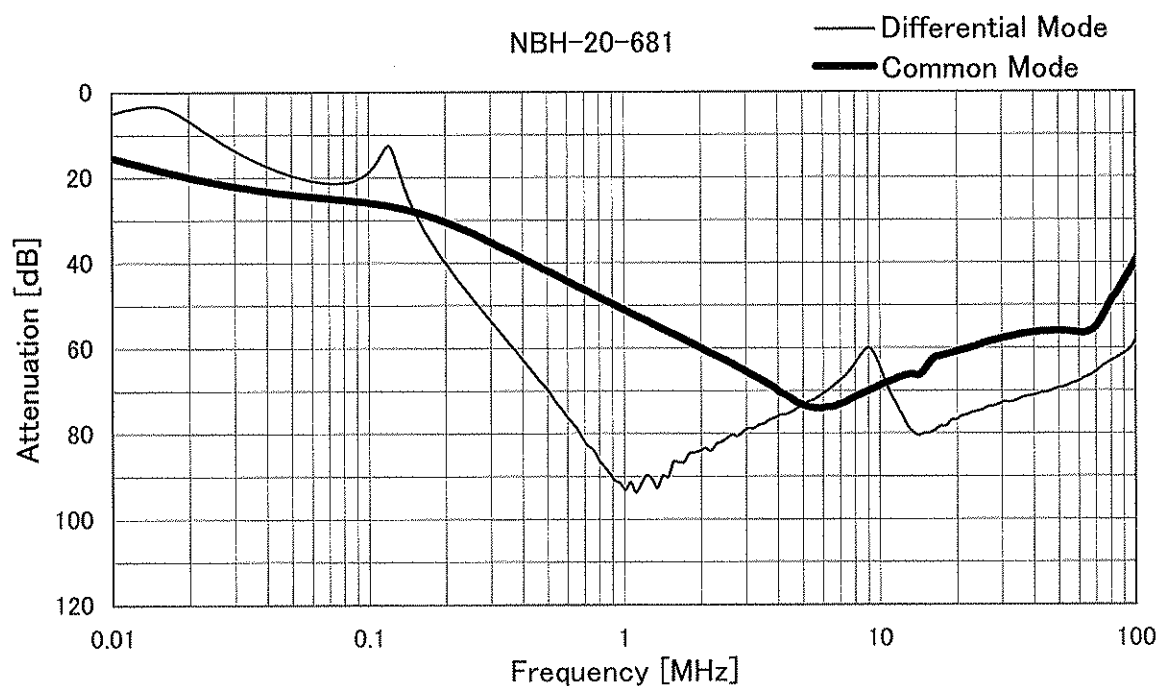
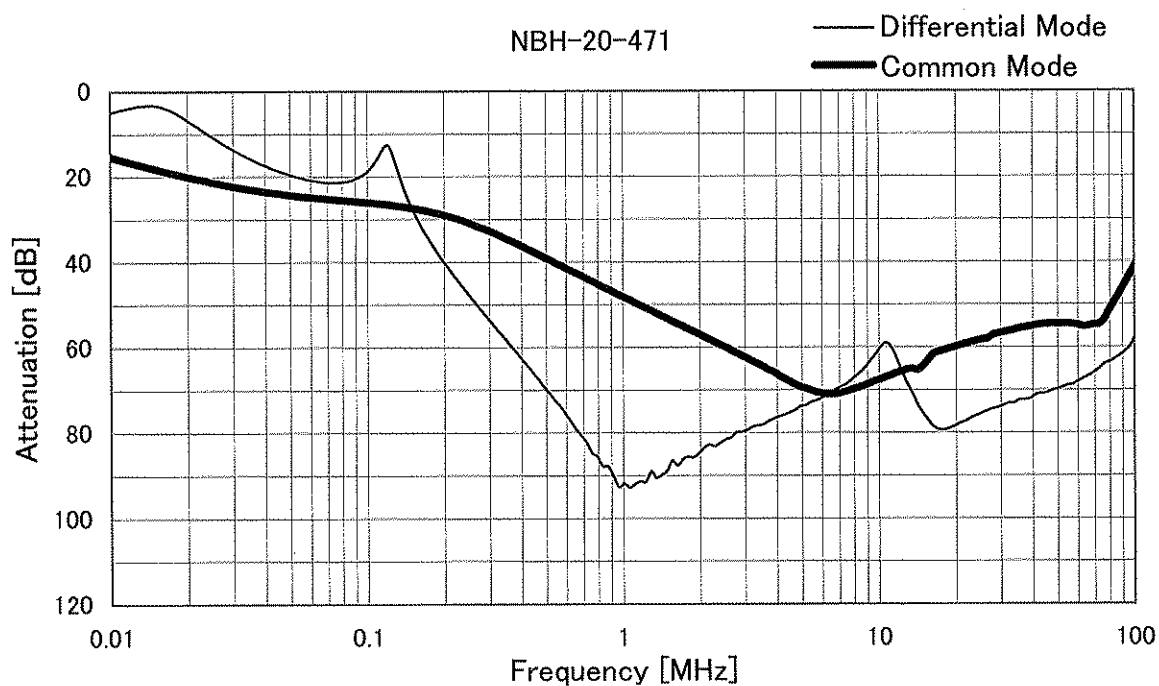
Model	NBH-20-□□□	Temperature	25°C
Item	Attenuation Characteristics	Testing Circuitry	Figure A
Object	_____		



# COSEL

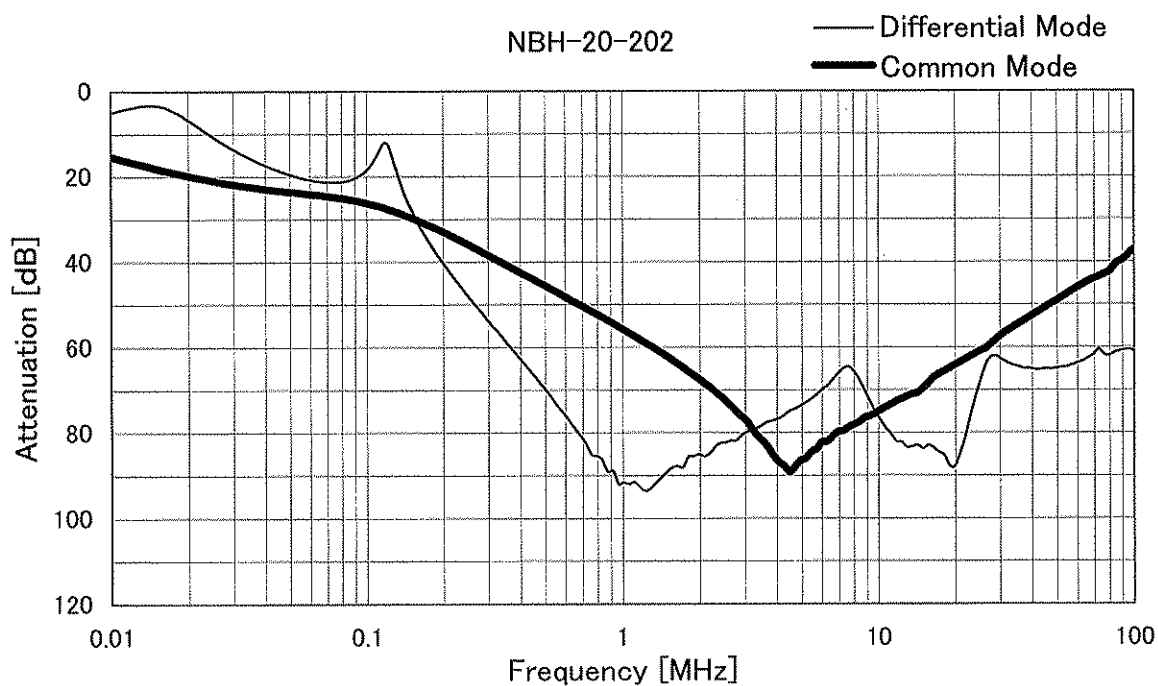
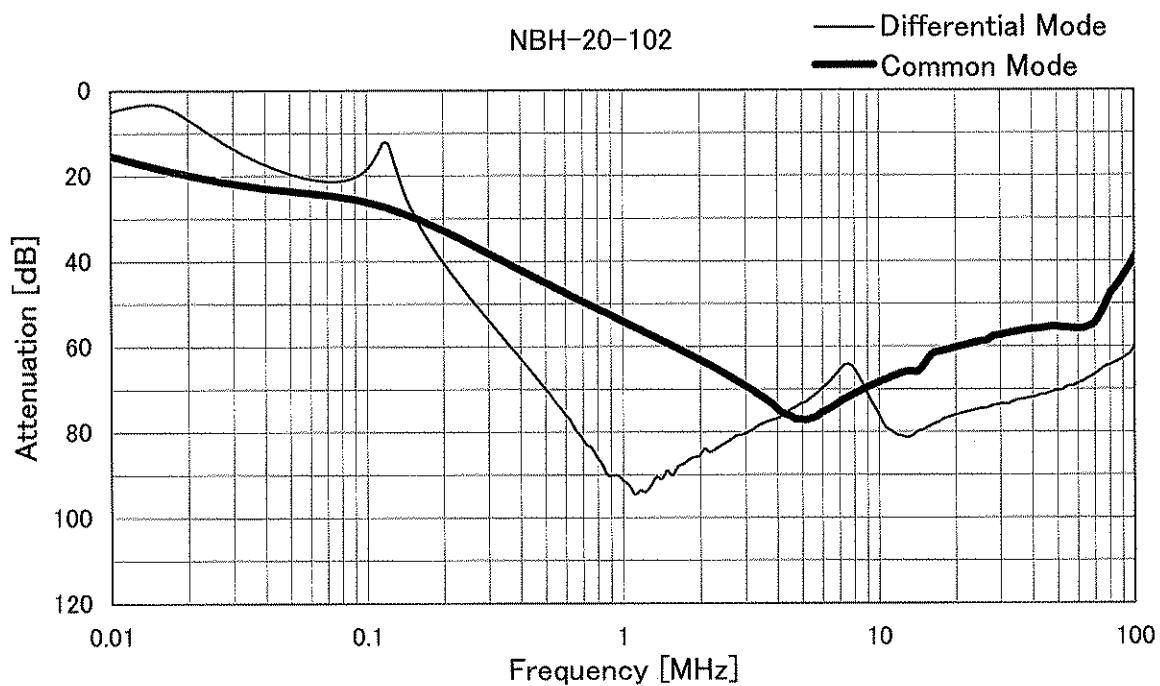
Model	NBH-20-□□□
Item	Attenuation Characteristics
Object	_____

Temperature 25°C  
Testing Circuitry Figure A



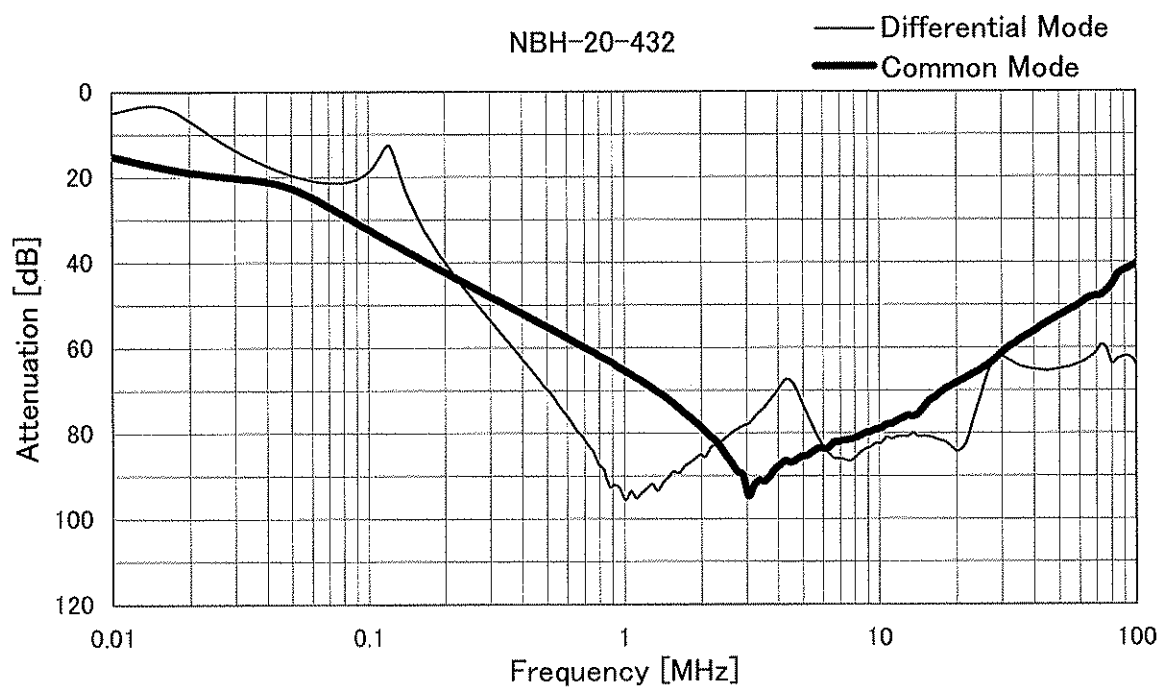
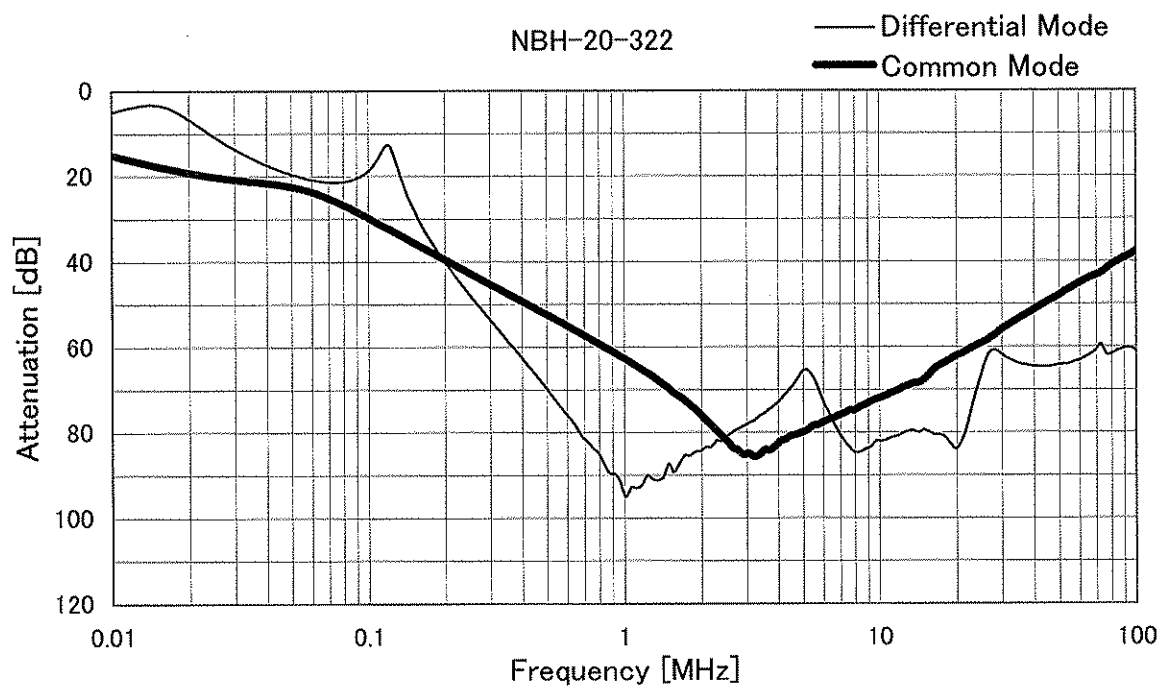
# COSEL

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



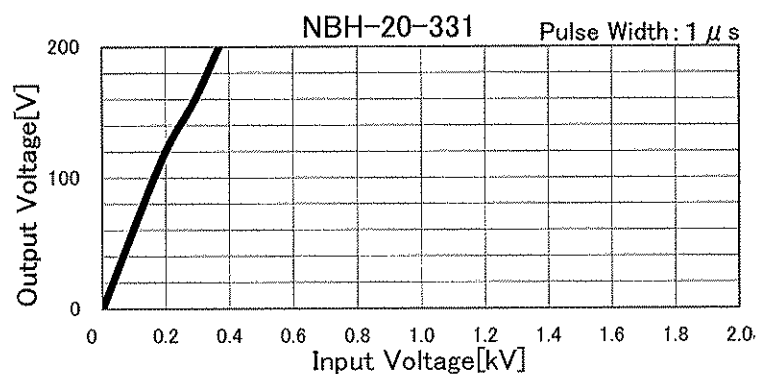
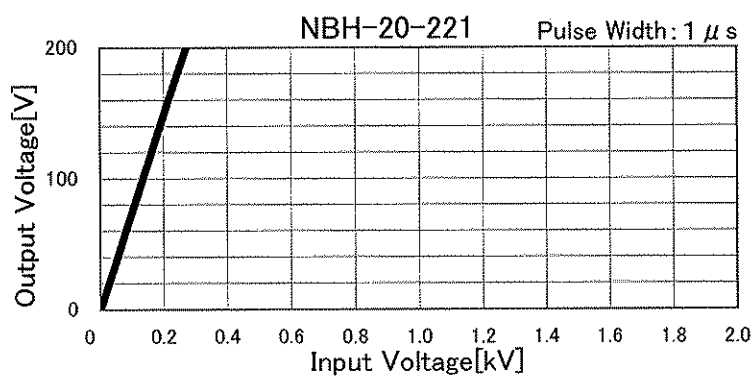
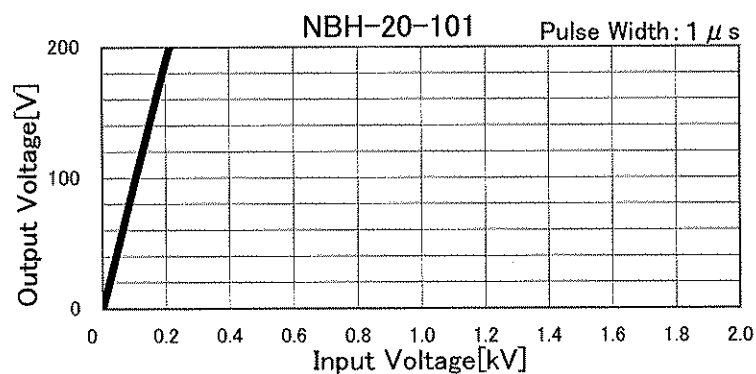
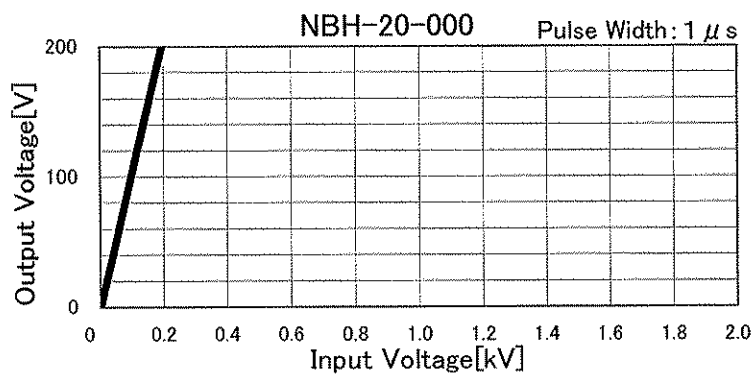
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Model	NBH-20-□□□	Temperature	25°C
Item	Attenuation Characteristics	Testing Circuitry	Figure A
Object	_____		



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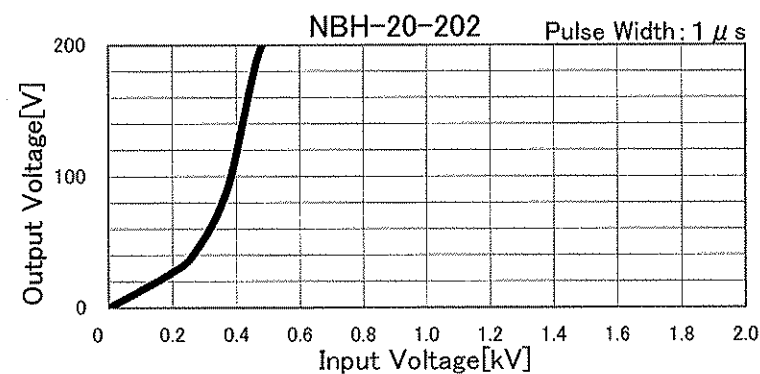
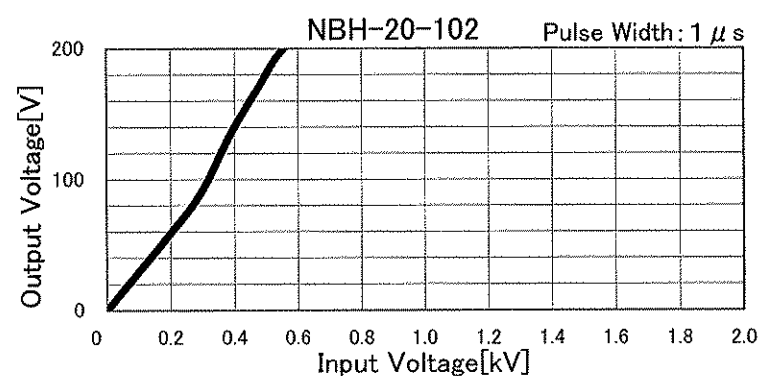
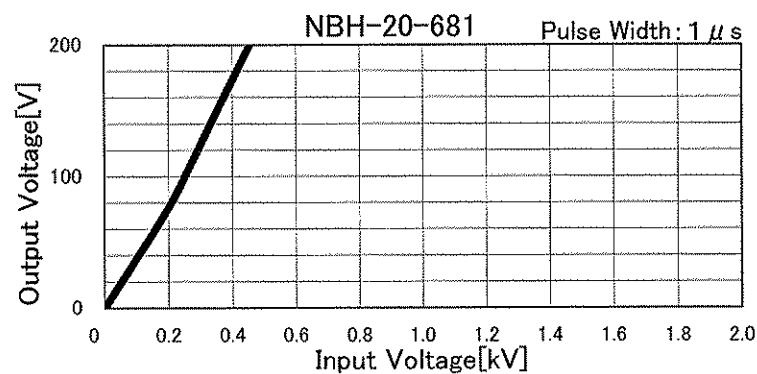
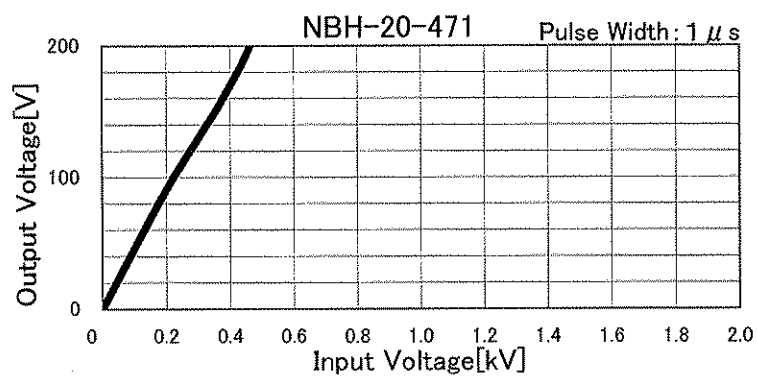
Model	NBH-20-□□□	Temperature 25°C Testing Circuitry Figure B
Item	Pulse Attenuation Characteristics	
Object	_____	





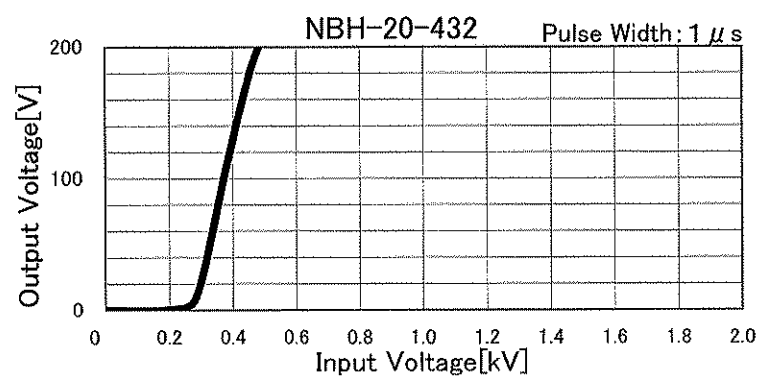
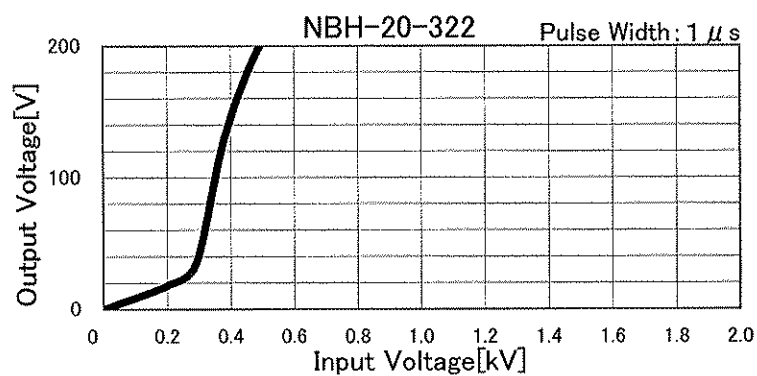


Model	NBH-20-□□□	Temperature 25°C Testing Circuitry Figure B
Item	Pulse Attenuation Characteristics	
Object	_____	





		Temperature 25°C Testing Circuitry Figure B
Model	NBH-20-□□□	
Item	Pulse Attenuation Characteristics	
Object	_____	





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

## 1.Results

[mA]

Model	Standards	Input Volt.				Note
		100 [V]	125 [V]	230 [V]	250 [V]	
NBH-20-000	UL1283	0.002	0.002	0.004	0.005	
NBH-20-101	UL1283	0.006	0.007	0.013	0.015	
NBH-20-221	UL1283	0.011	0.013	0.025	0.028	
NBH-20-331	UL1283	0.015	0.019	0.038	0.042	
NBH-20-471	UL1283	0.023	0.030	0.061	0.069	
NBH-20-681	UL1283	0.031	0.040	0.082	0.093	
NBH-20-102	UL1283	0.044	0.056	0.110	0.120	
NBH-20-202	UL1283	0.083	0.107	0.207	0.225	
NBH-20-322	UL1283	0.135	0.172	0.330	0.360	
NBH-20-432	UL1283	0.177	0.227	0.440	0.480	

## 2.Condition

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

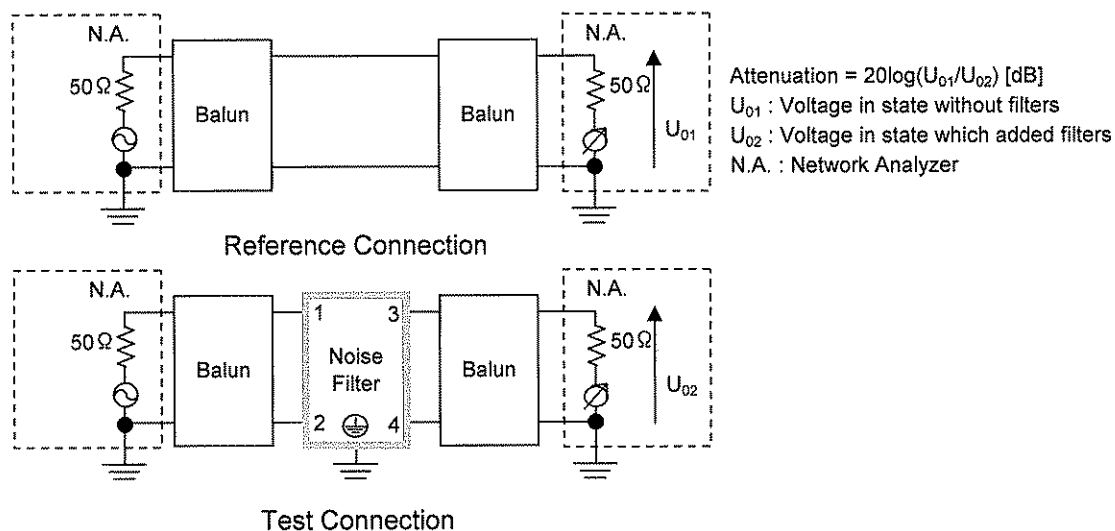


Figure A - 1 Differential mode attenuation measurement

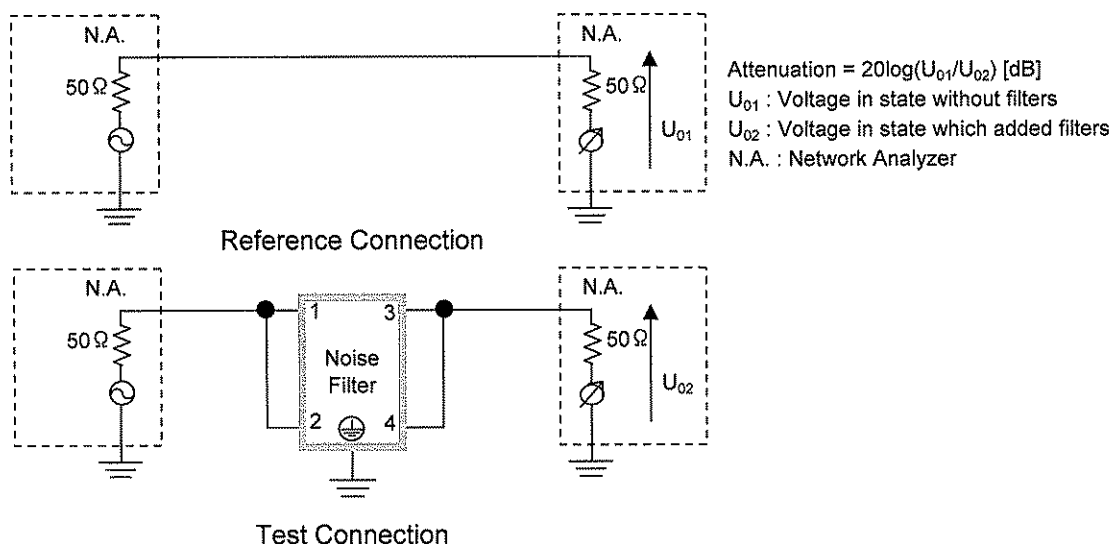
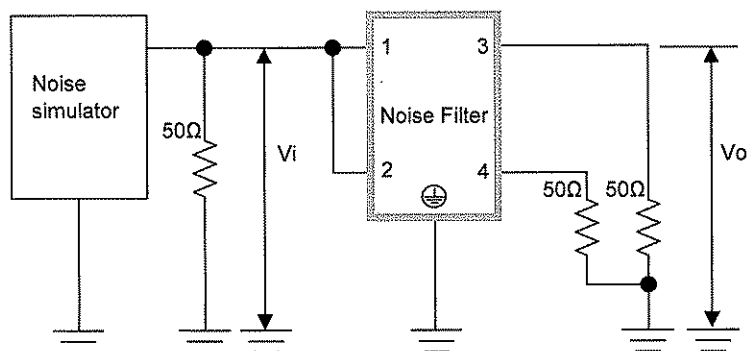


Figure A - 2 Common mode attenuation measurement



Pulse attenuation measurement

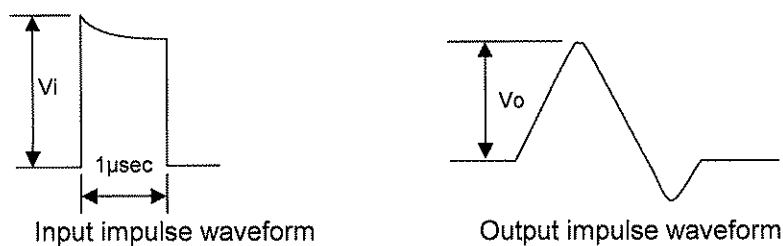


Figure B Pulse attenuation measurement

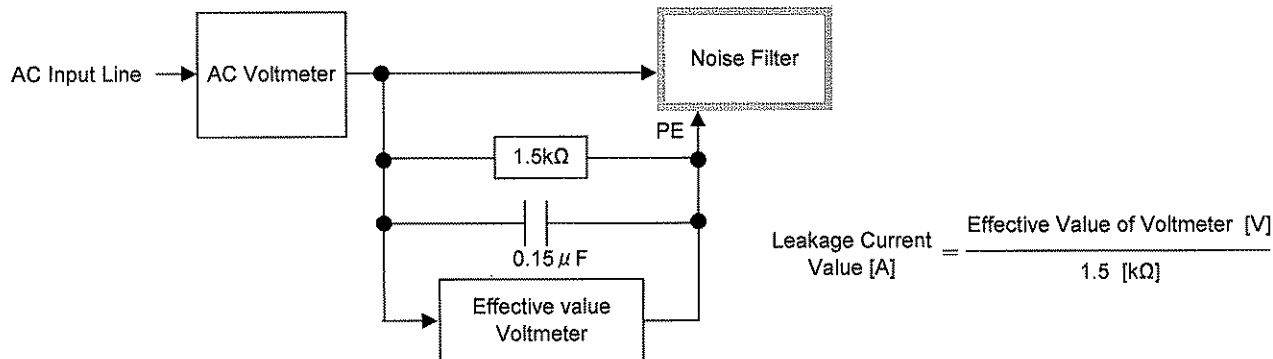


Figure C Leakage current measurement ( UL1283 )