

# TEST DATA OF NAH-30-□□□

## Noise Filter

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**COSEL CO.,LTD.**

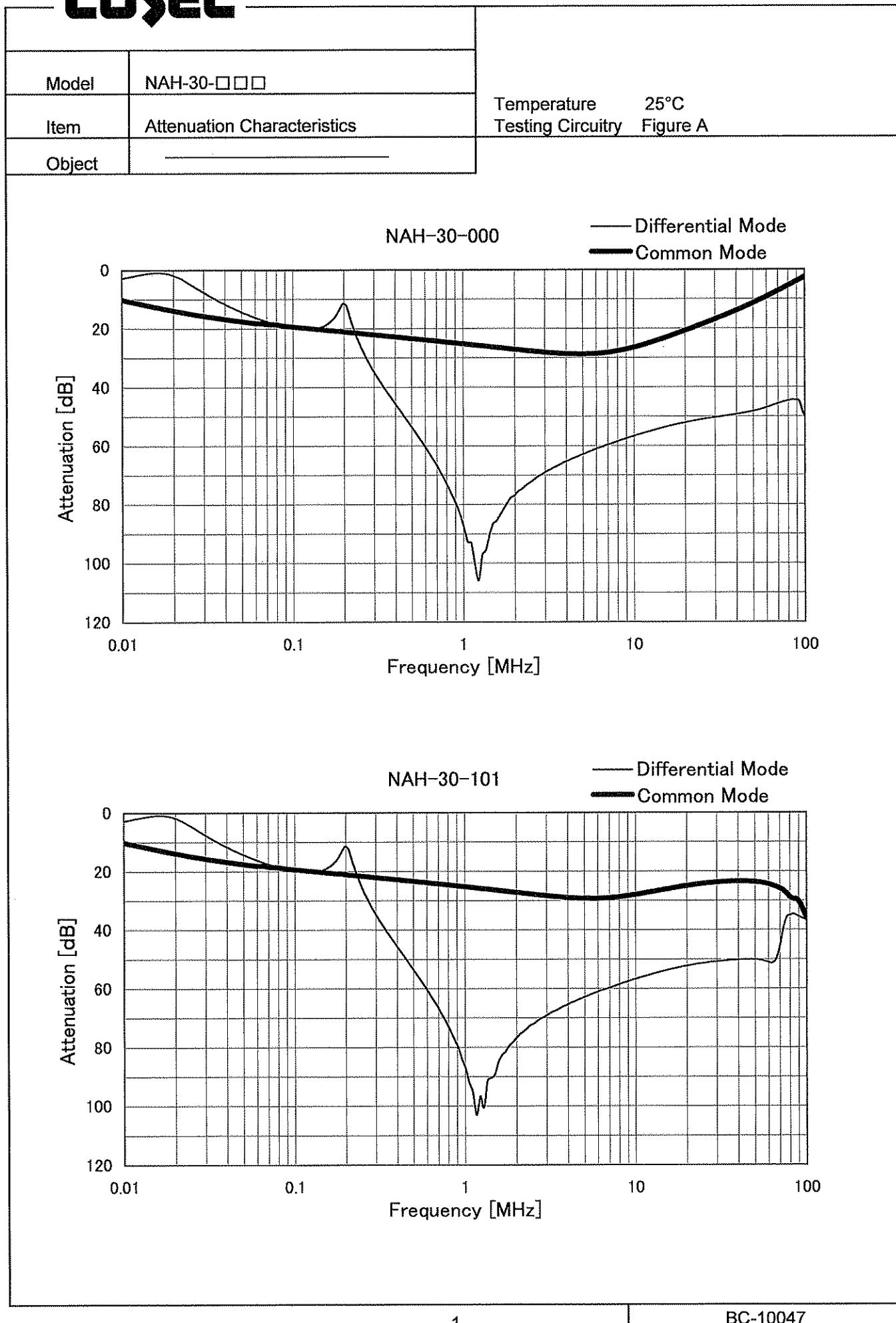


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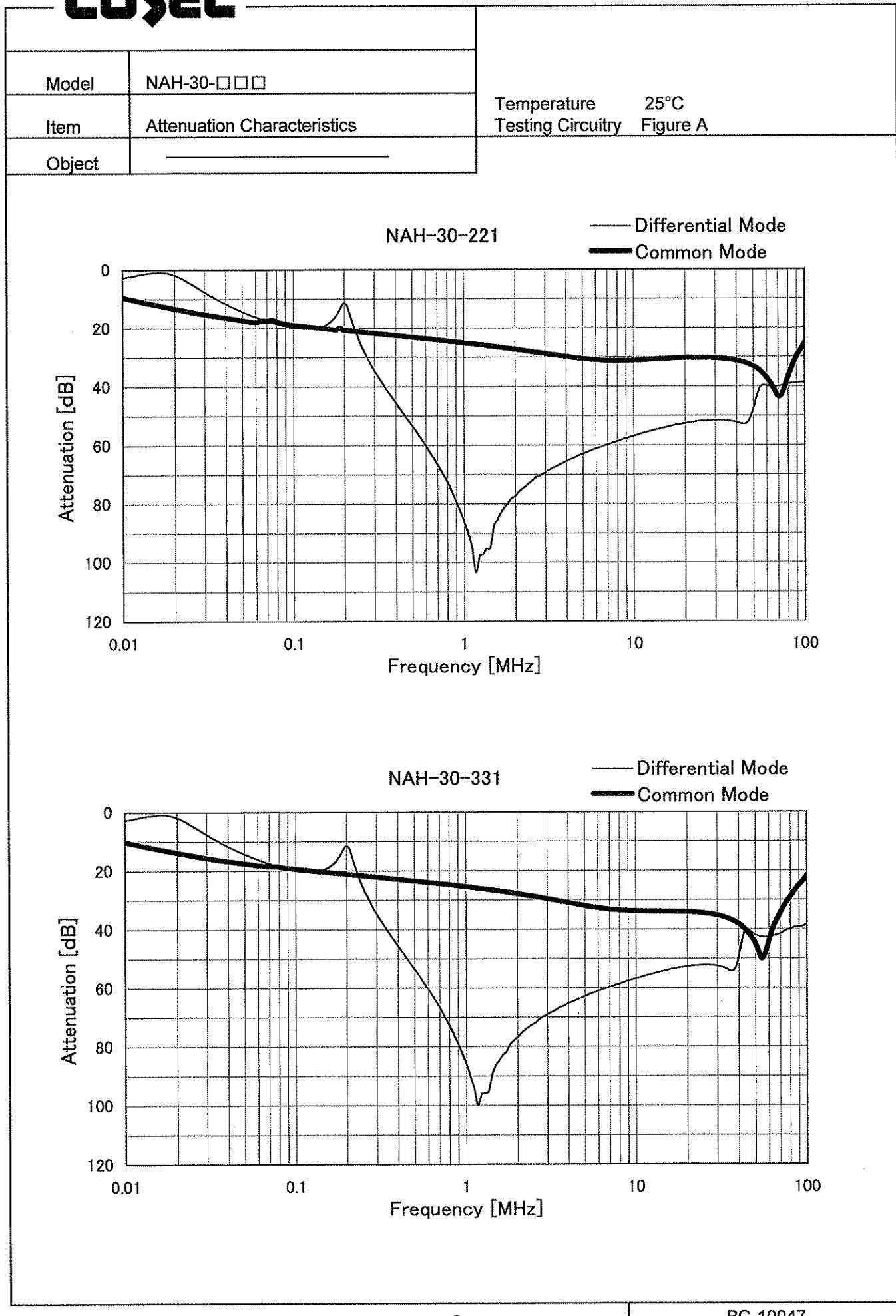
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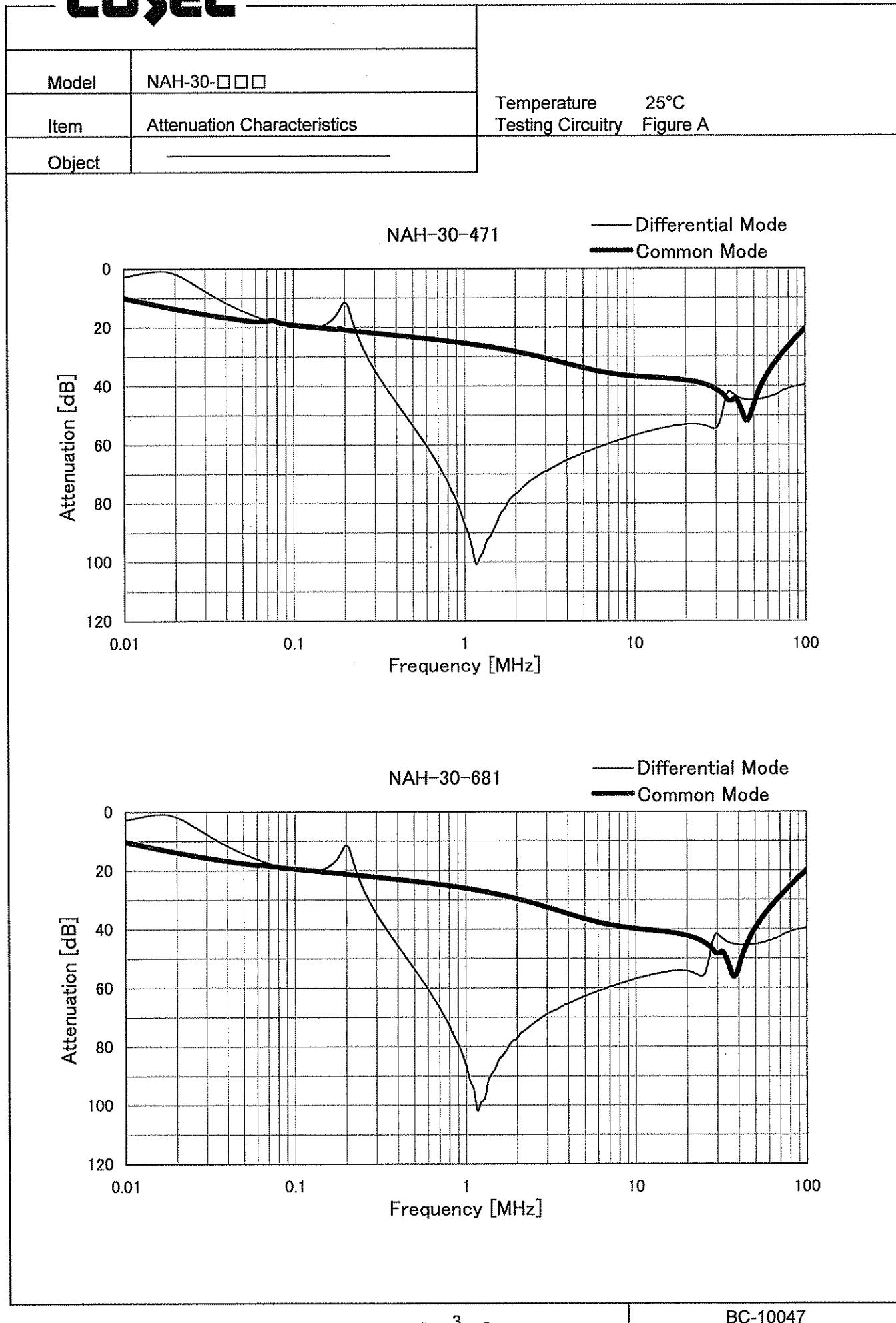
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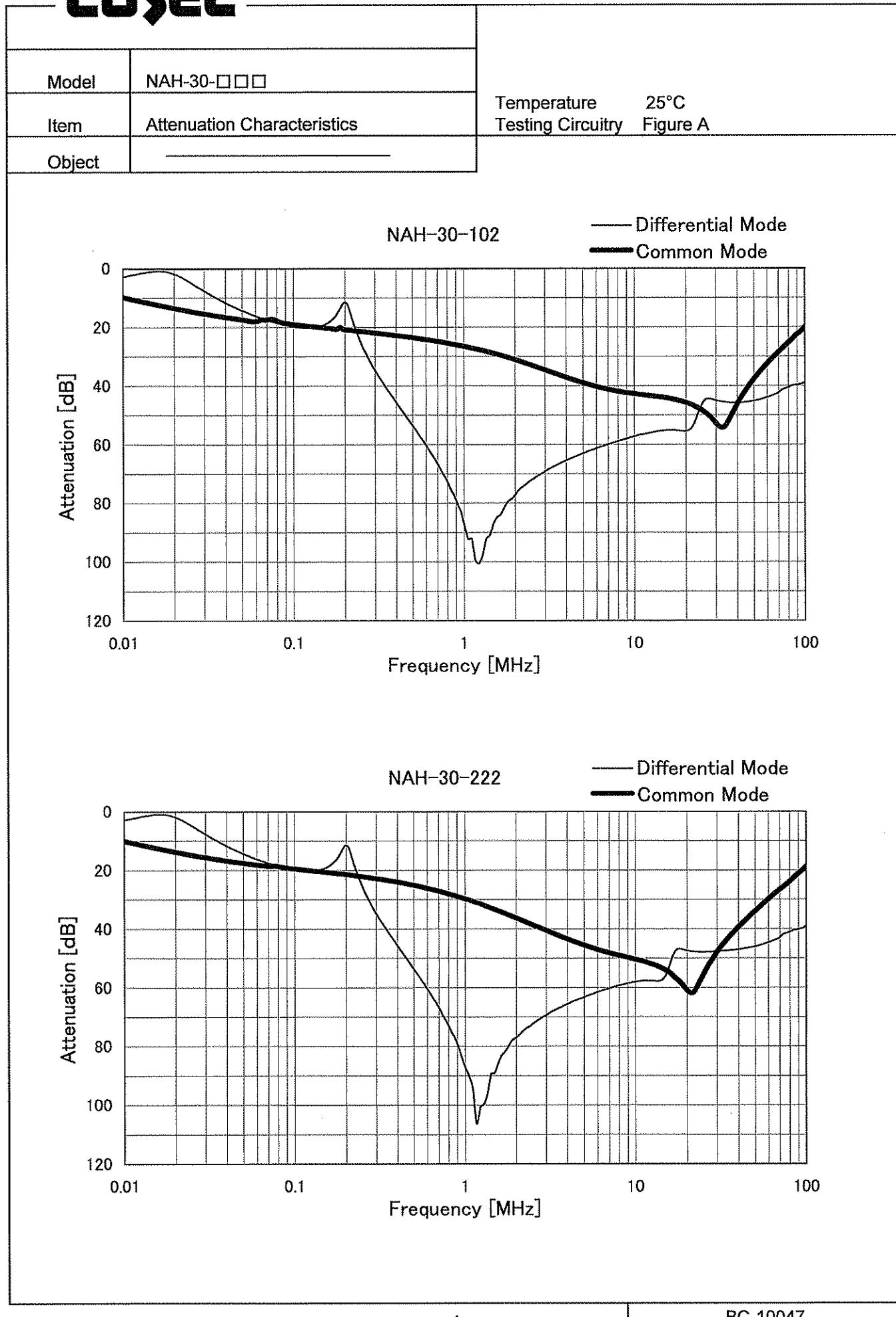
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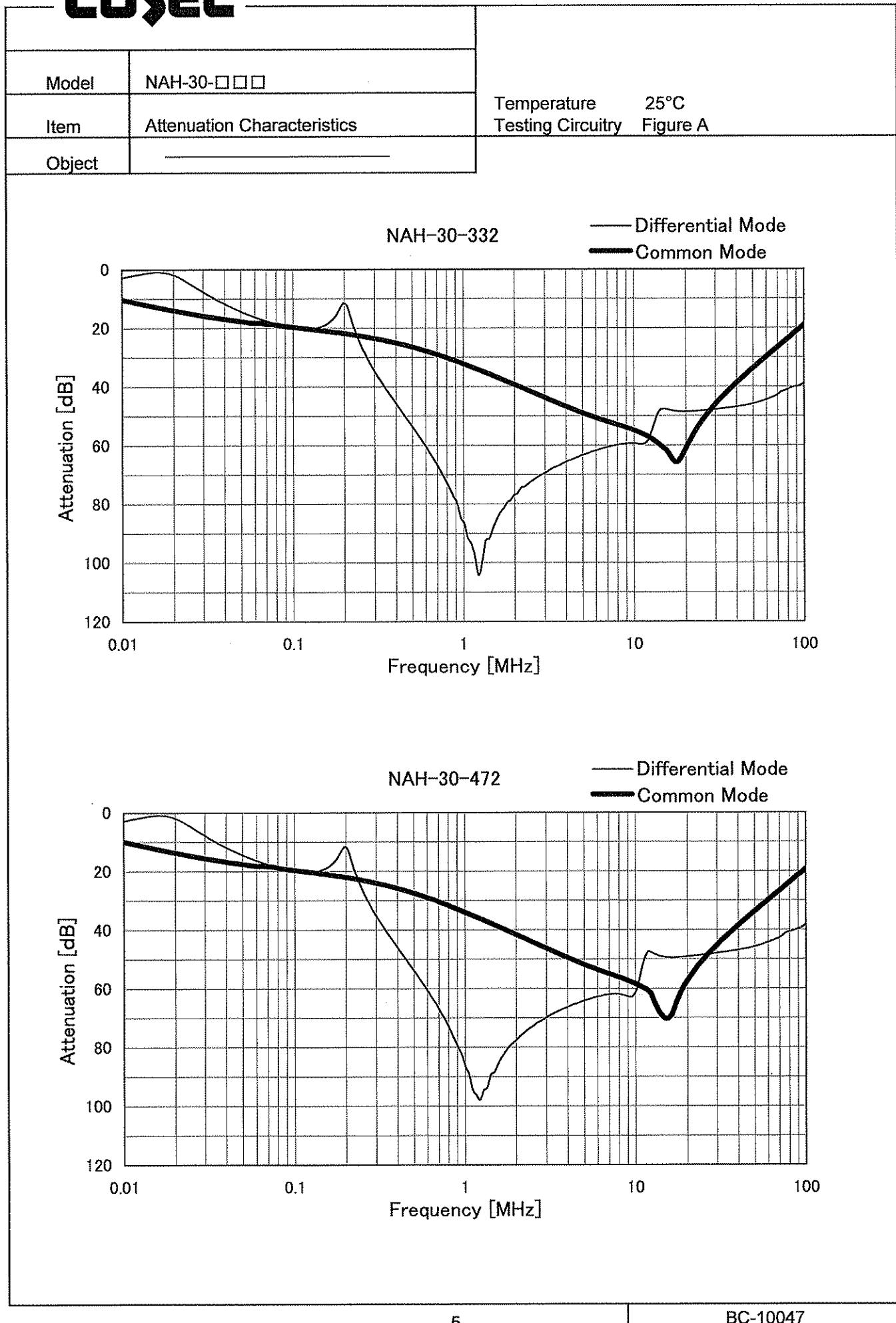
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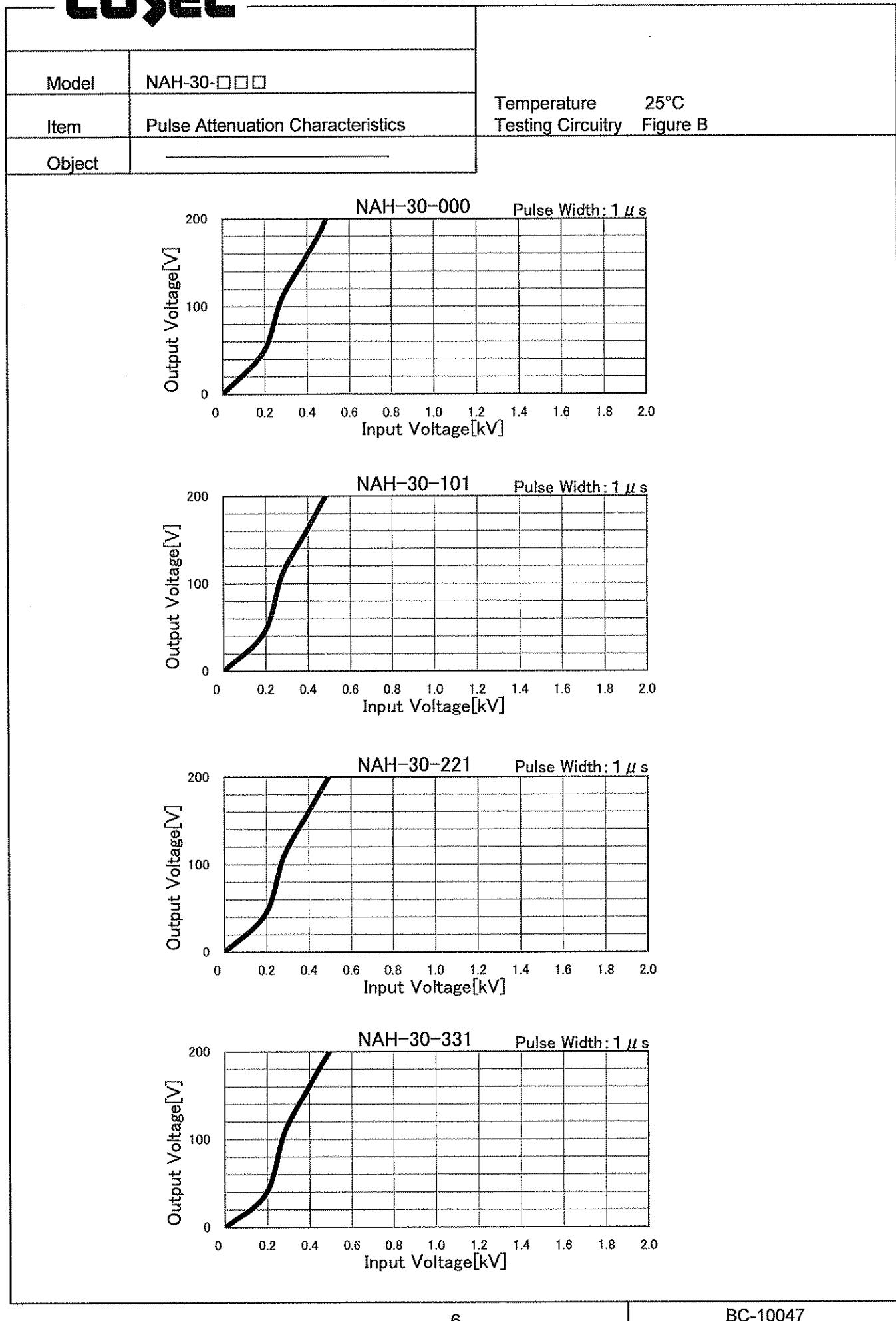
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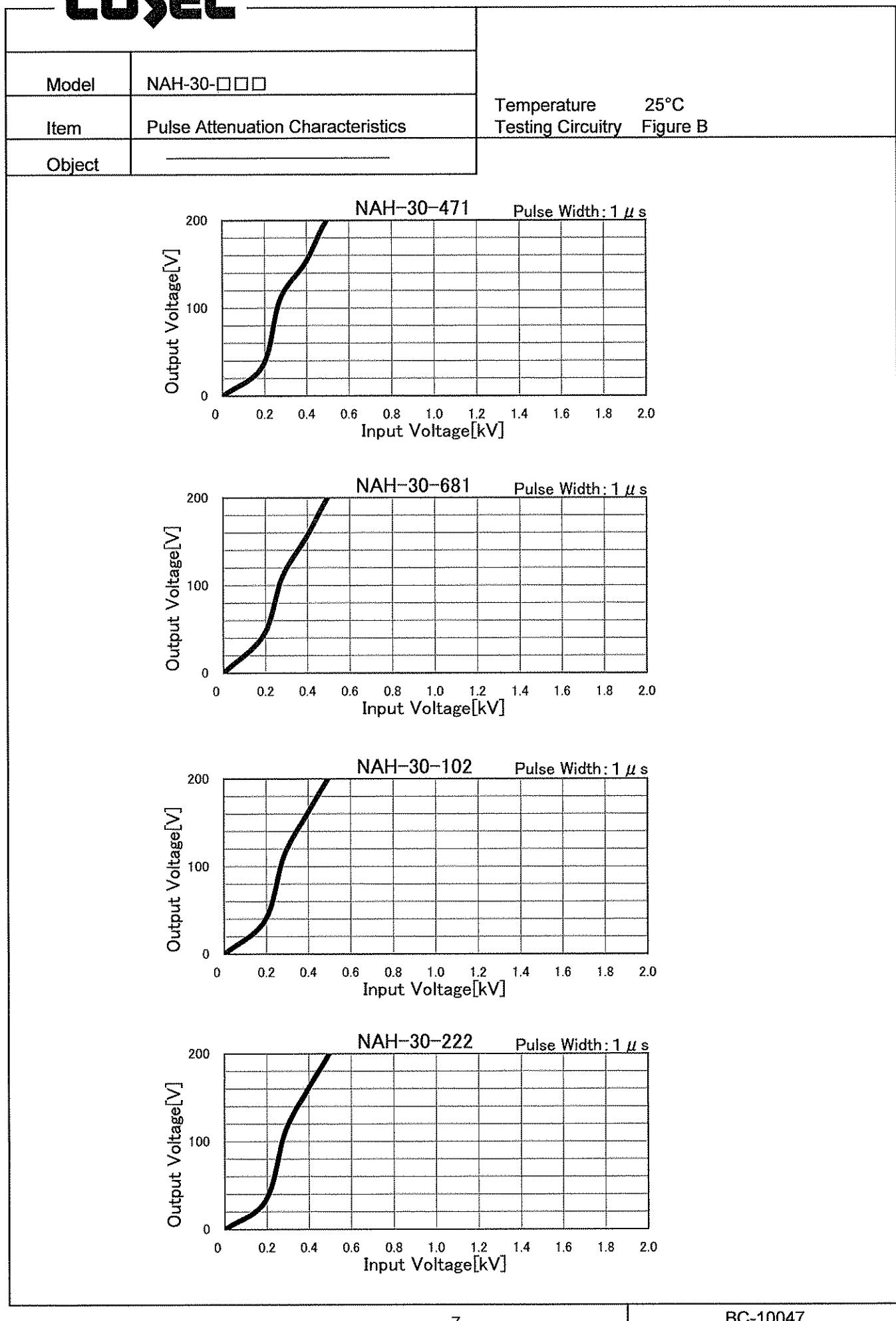
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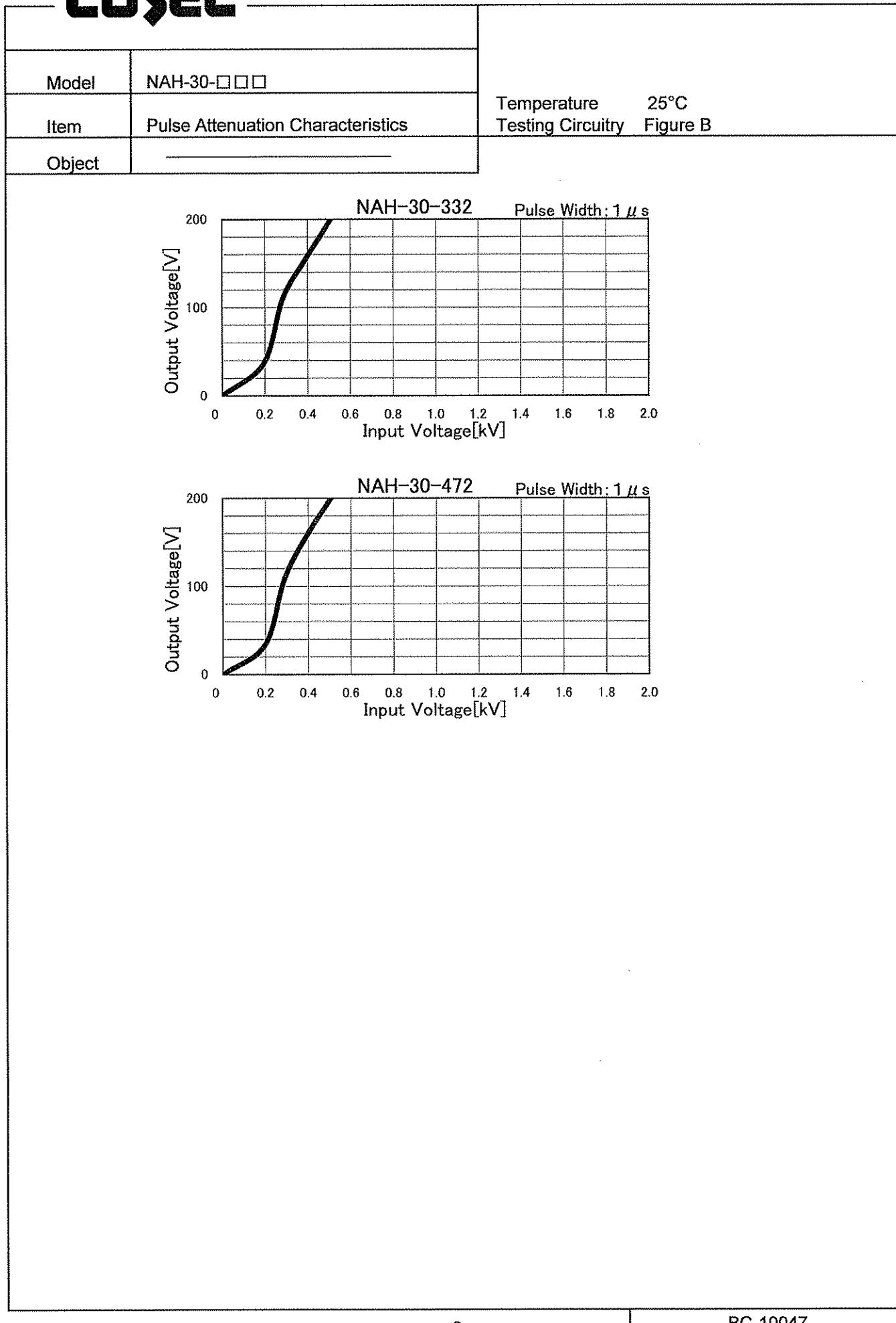


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Model	NAH-30-□□□	Temperature Testing Circuitry	25°C Figure C	
Item	Leakage Current			
Object	_____			

## 1. Results

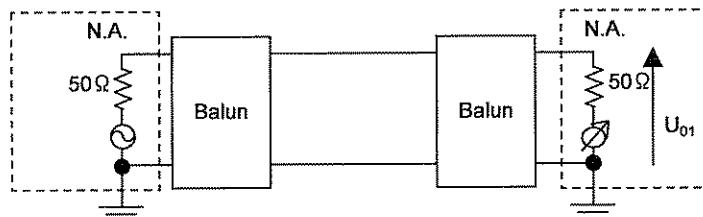
[mA]

Model	Standards	Input Volt.				Note
		100 [V]	125 [V]	230 [V]	250 [V]	
NAH-30-000	UL1283	0.002	0.002	0.004	0.005	
NAH-30-101	UL1283	0.006	0.007	0.013	0.015	
NAH-30-221	UL1283	0.011	0.013	0.025	0.028	
NAH-30-331	UL1283	0.015	0.019	0.038	0.042	
NAH-30-471	UL1283	0.023	0.030	0.061	0.069	
NAH-30-681	UL1283	0.031	0.040	0.082	0.093	
NAH-30-102	UL1283	0.044	0.056	0.110	0.120	
NAH-30-222	UL1283	0.090	0.120	0.230	0.250	
NAH-30-332	UL1283	0.130	0.170	0.340	0.370	
NAH-30-472	UL1283	0.190	0.240	0.480	0.520	

## 2. Condition

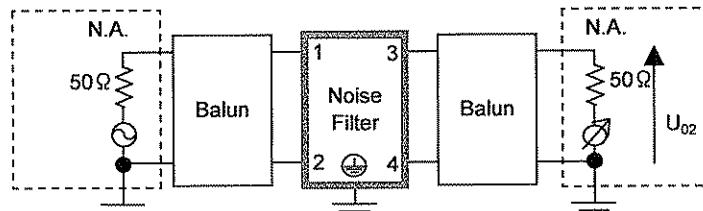
Leakage current value is concluded after measuring both phases of AC input and by choosing the larger one.

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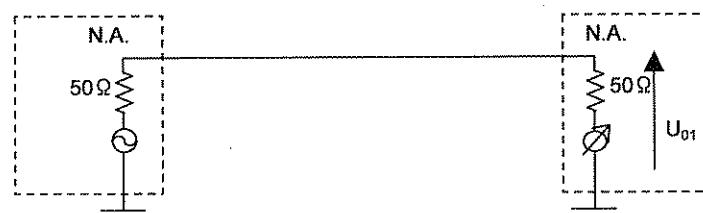
Attenuation =  $20\log(U_{01}/U_{02})$  [dB]  
 $U_{01}$  : Voltage in state without filters  
 $U_{02}$  : Voltage in state which added filters  
N.A. : Network Analyzer

Reference Connection



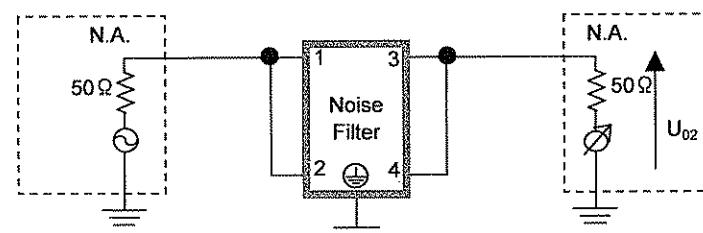
Test Connection

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

Reference Connection



Test Connection

Figure A - 2 Common mode attenuation measurement

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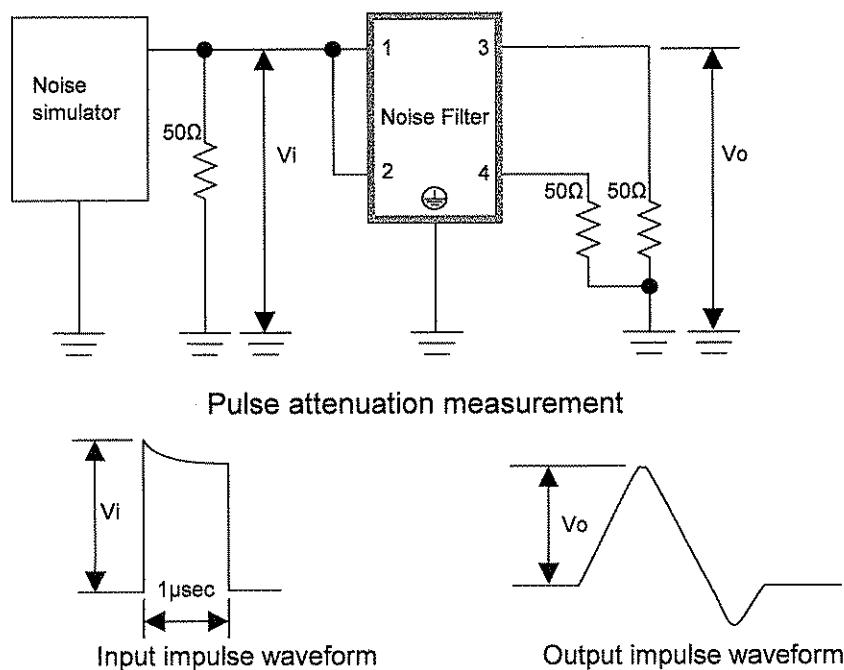


Figure B Pulse attenuation measurement

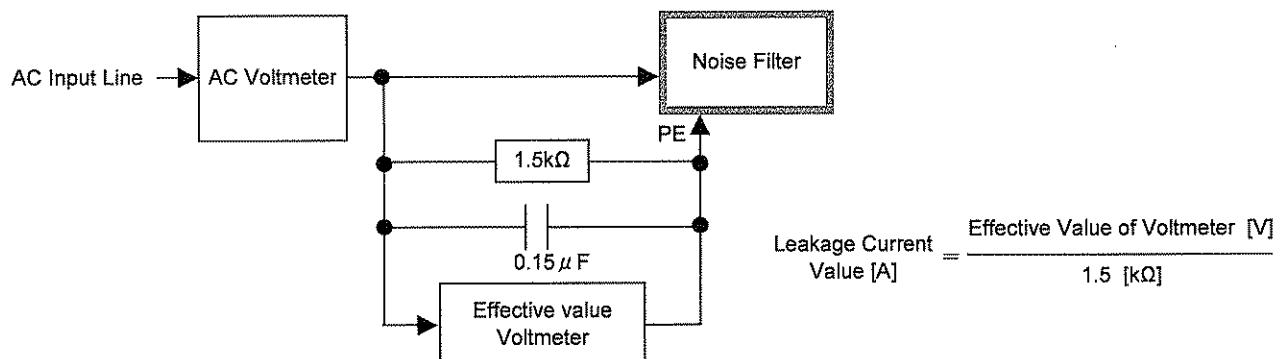


Figure C Leakage current measurement ( UL1283 )