



# TEST DATA OF NAH-60-□□□-F

## Noise Filter

Aug. 02 , 2021

Approved by : Tadayuki Noda  
Design Manager

Prepared by : Naoya Kunishima  
Design Engineer

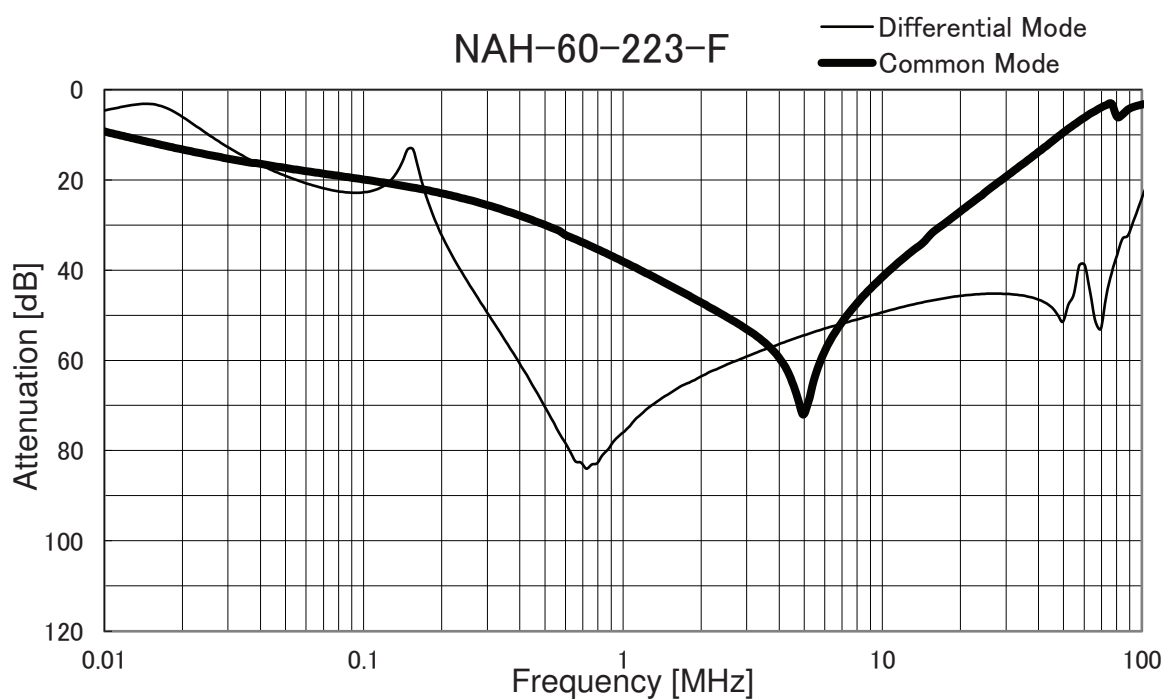
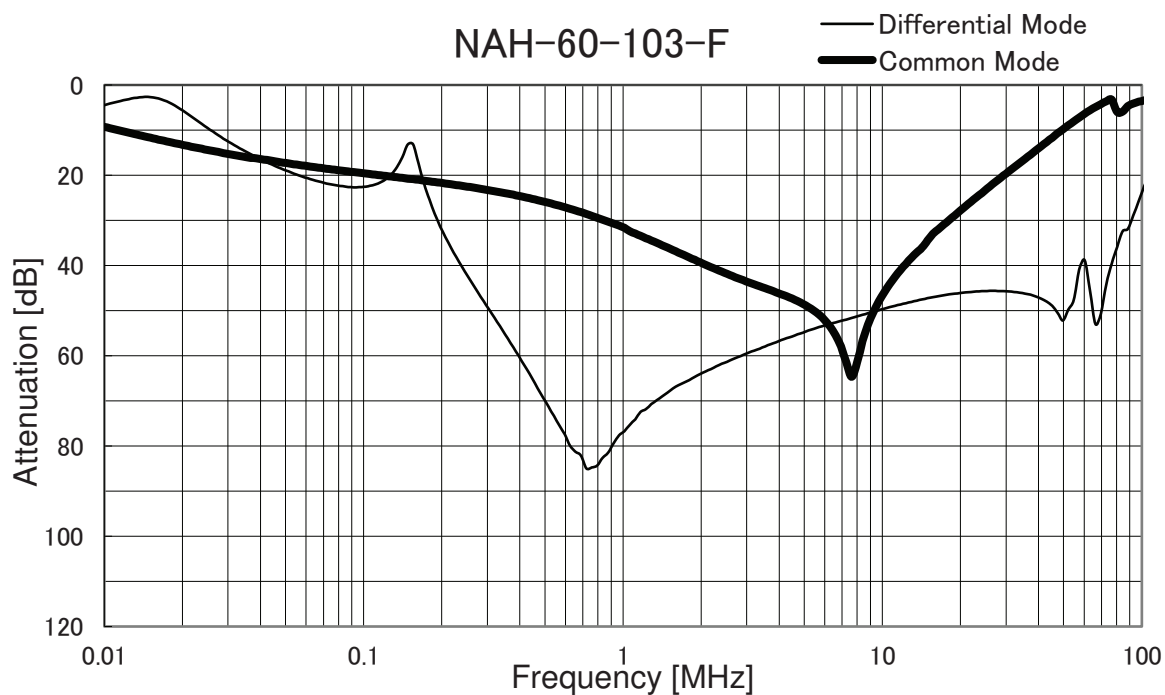
**COSEL CO.,LTD.**

## CONTENTS

1.Attenuation Characteristics . . . . .	1
2.Pulse Attenuation Characteristics . . . . .	3
3.Leakage Current . . . . .	4
4.Figure of Testing Circuitry . . . . .	5
(Final Page 6)	

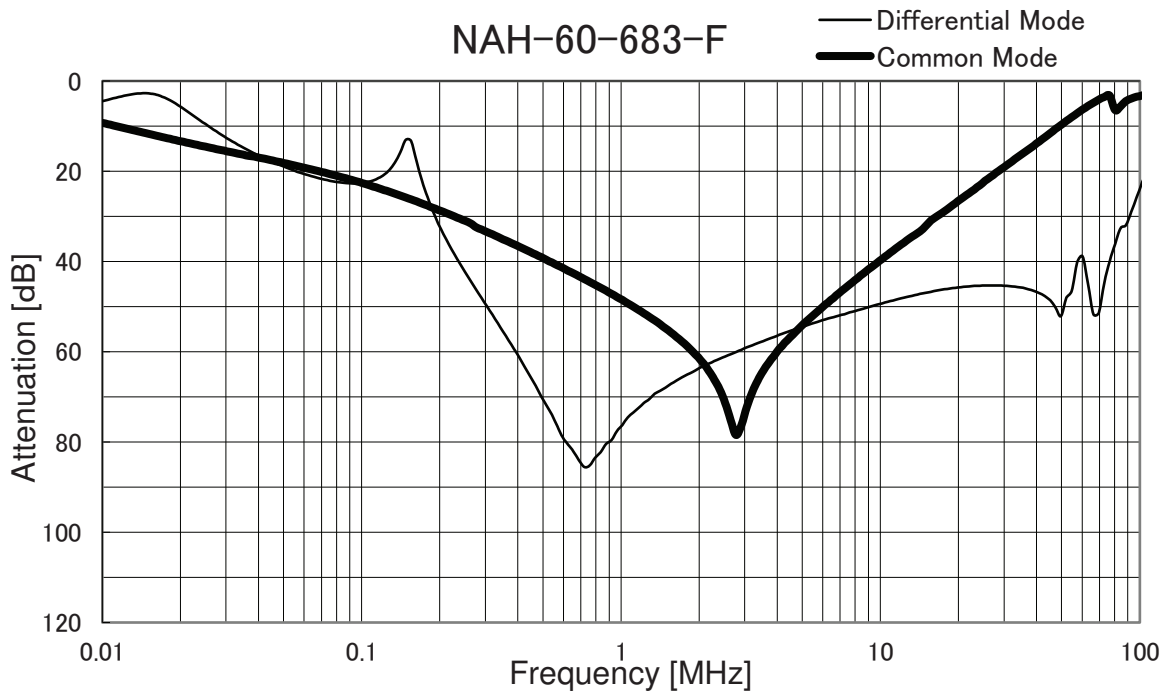


Model		NAH-60-□□□-F	Temperature 25°C Testing Circuitry Figure A
Item		Attenuation Characteristics	
Object		—	



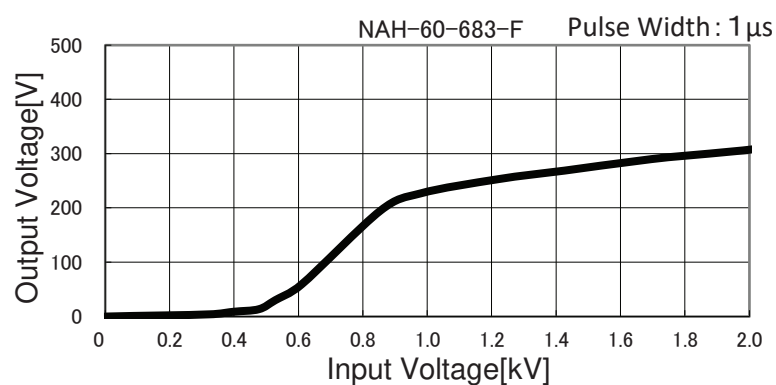
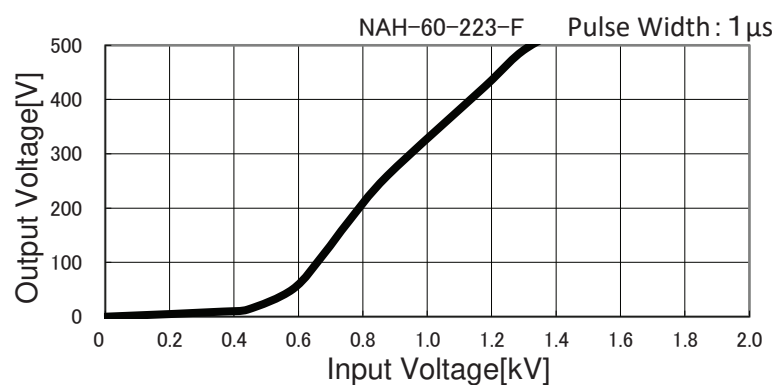
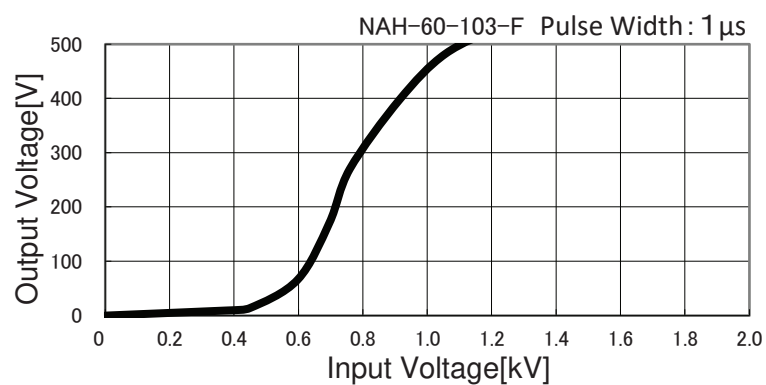


Model	NAH-60-□□□-F		
Item	Attenuation Characteristics	Temperature	25°C
Object		Testing Circuitry	Figure A





Model	NAH-60-□□□-F	Temperature 25°C Testing Circuitry Figure B	
Item	Pulse Attenuation Characteristics		
Object			





Model		NAH-60-□□□-F	Temperature 25°C Testing Circuitry Figure C
Item		Leakage Current	
Object		_____	

## 1.Results

[mA]

Model	Standards	Input Volt.					Note
		200[V]	250[V]	400[V]	480[V]	500[V]	
NAH-60-103-F	UL60939	0.180	0.225	0.360	0.440	0.450	
NAH-60-223-F	UL60939	0.400	0.500	0.800	0.950	1.000	
NAH-60-683-F	UL60939	1.200	1.500	2.400	2.900	3.100	

## 2.Condition

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

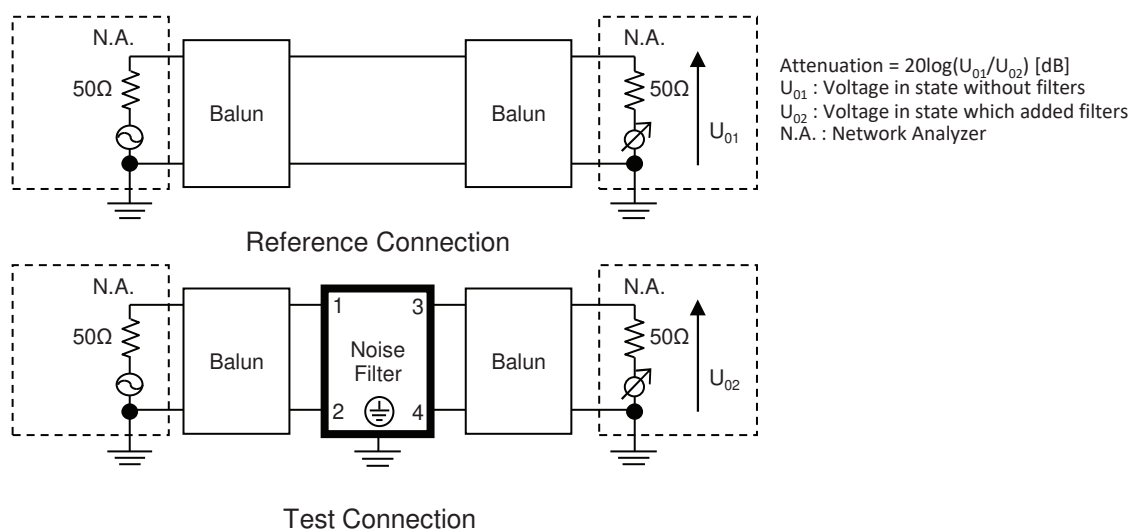


Figure A - 1 Differential mode attenuation measurement

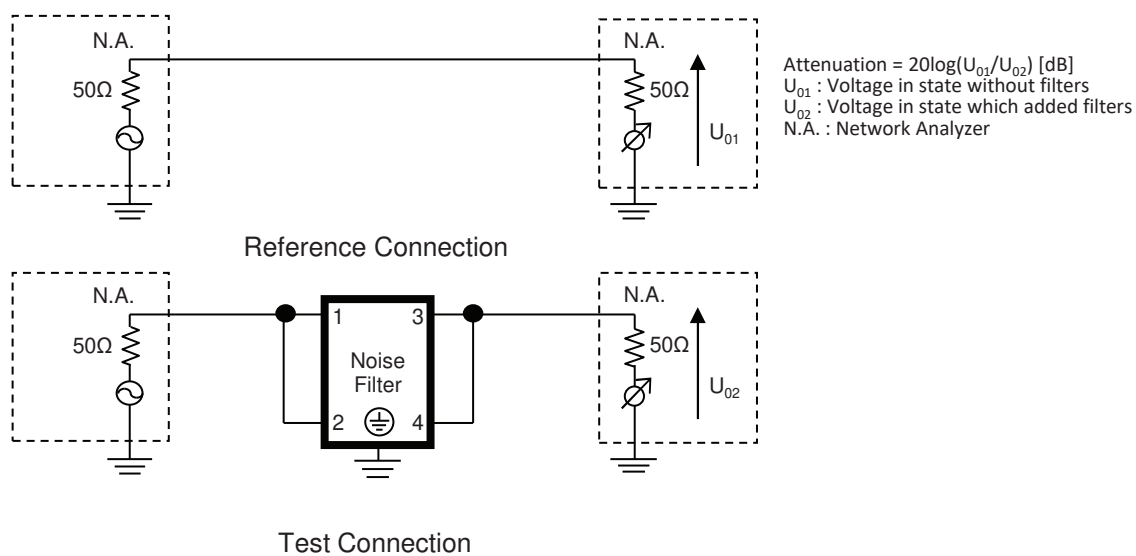
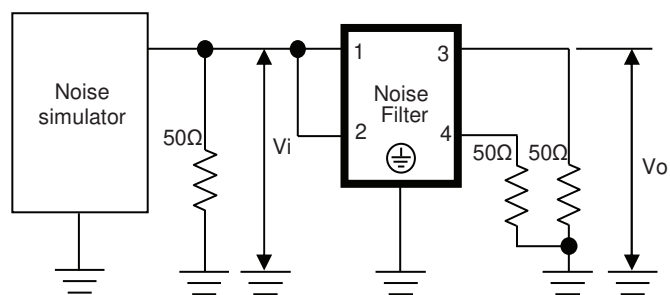
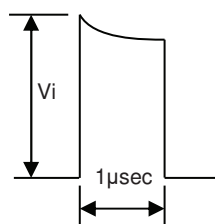


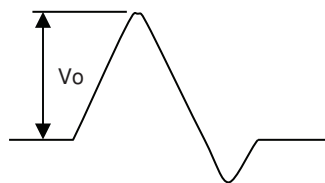
Figure A - 2 Common mode attenuation measurement



Pulse attenuation measurement



Input impulse waveform



Output impulse waveform

Figure B Pulse attenuation measurement

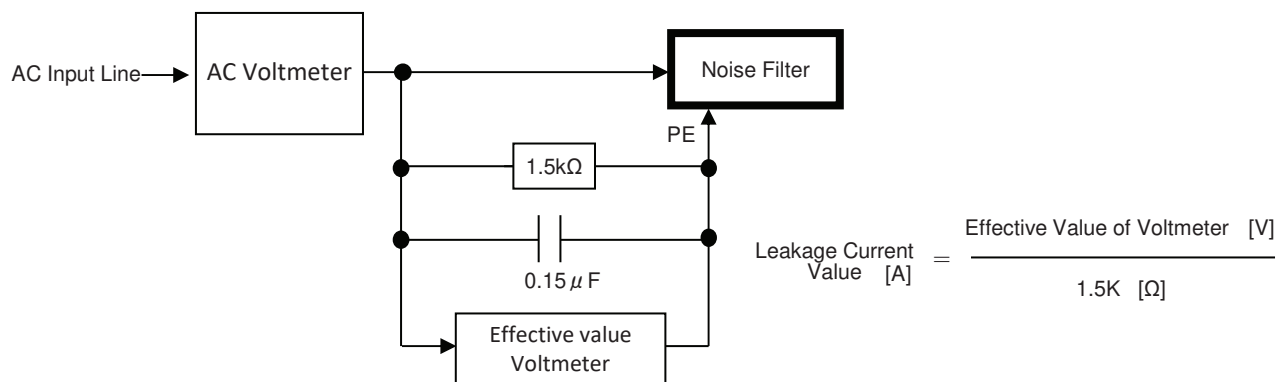


Figure C Leakage current measurement ( UL60939 )