参考資料

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TEST DATA OF FSB-60-□□□

Noise Filter

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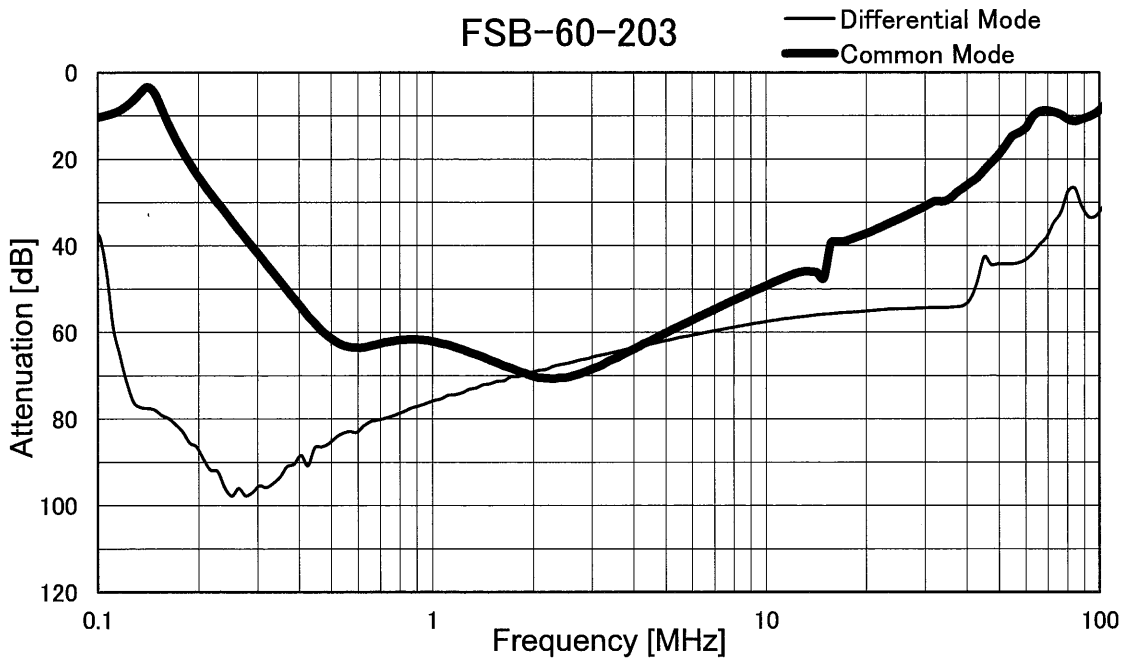

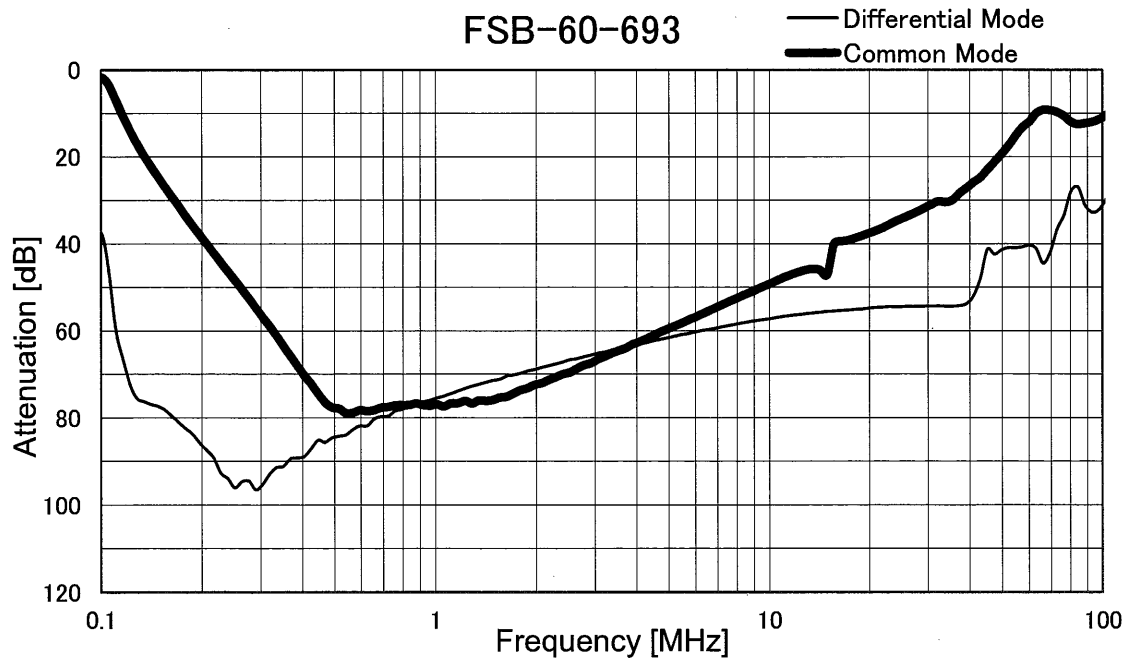

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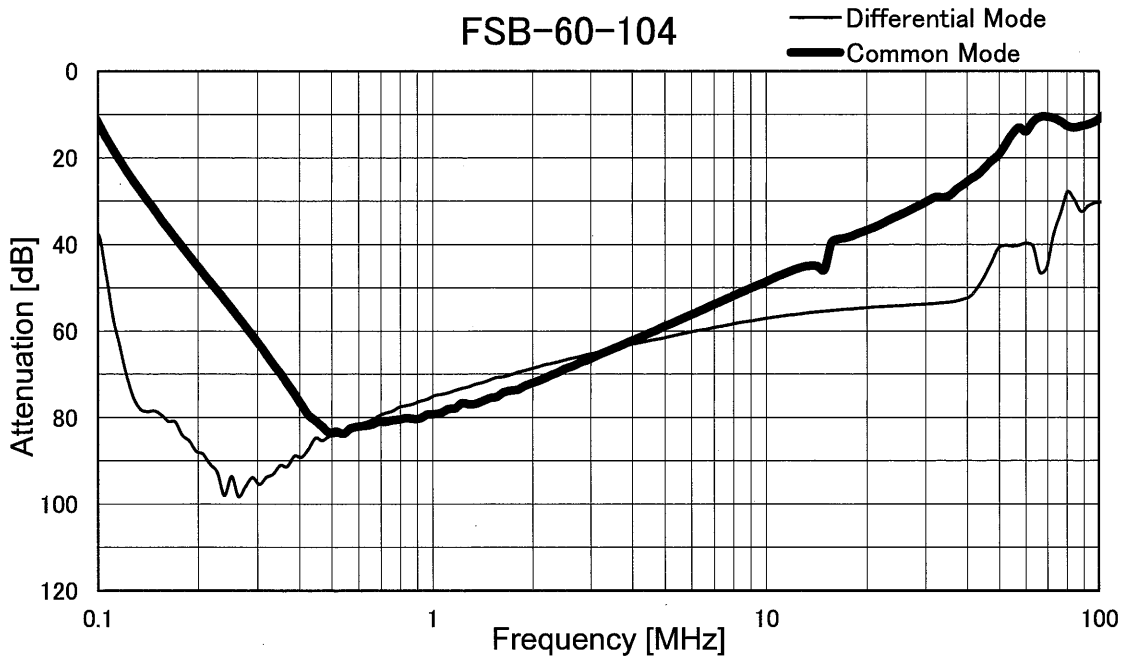
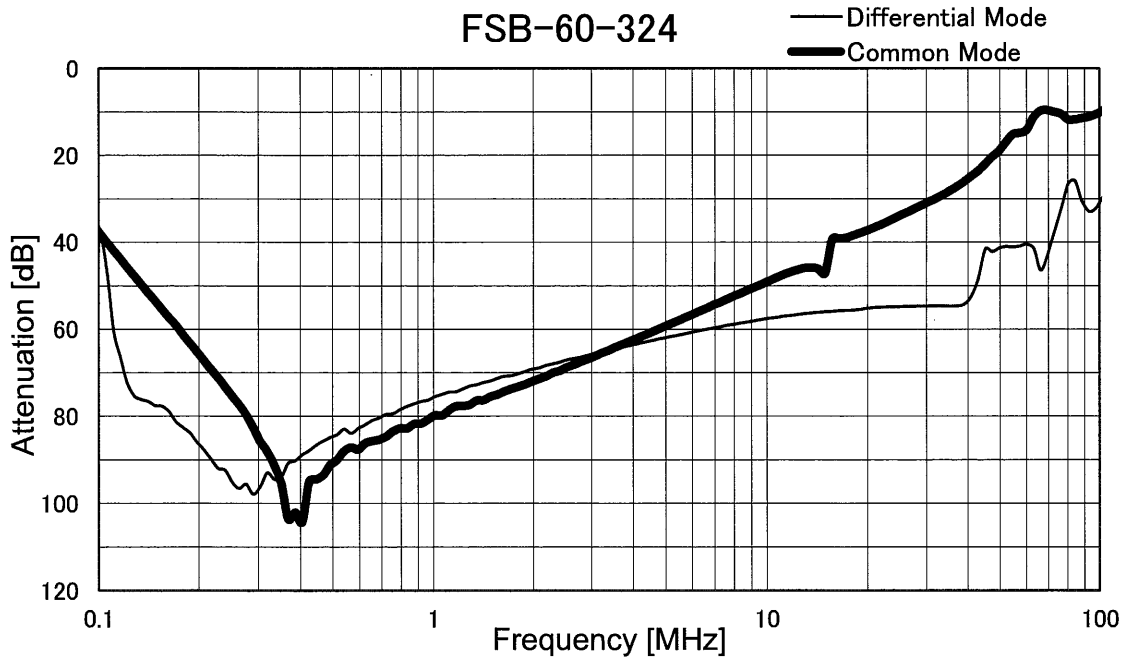
Model	FSB-60-□□□	
Item	Attenuation Characteristics	Temperature 25°C Testing Circuitry Figure A
Object	———————	





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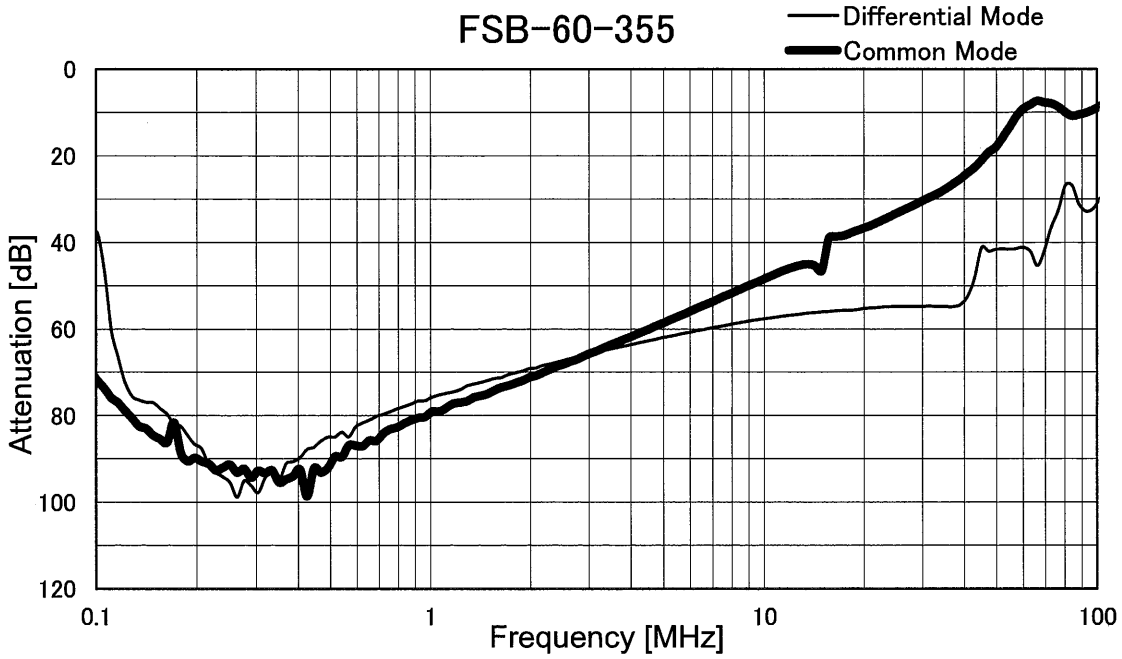
Model	FSB-60-□□□	
Item	Attenuation Characteristics	Temperature 25°C Testing Circuitry Figure A
Object	———————	



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Model	FSB-60-□□□	
Item	Leakage Current	Temperature 25°C Testing Circuitry Figure B
Object	———————	

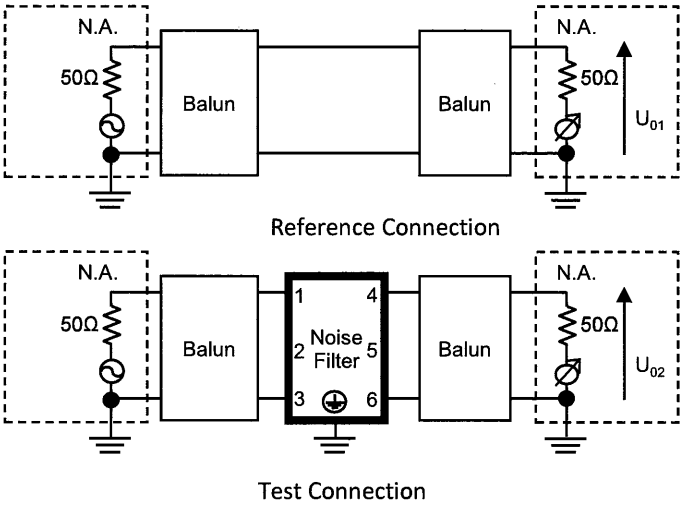
1.Results

[mA]

Model	Standards	Voltage system	Input Volt.					Note
			200[V]	250[V]	400[V]	480[V]	500[V]	
FSB-60-203	UL1283	Δ-connection	0.42	0.54	0.85	1.00	1.05	
		Wye-connection	0.003	0.004	0.005	0.005	0.005	
FSB-60-693	UL1283	Δ-connection	1.50	1.80	2.80	3.50	3.75	
		Wye-connection	0.01	0.01	0.02	0.02	0.02	
FSB-60-104	UL1283	Δ-connection	2.10	2.60	4.20	5.00	5.50	
		Wye-connection	0.02	0.02	0.02	0.02	0.02	
FSB-60-324	UL1283	Δ-connection	6.50	8.00	13.0	15.5	16.5	
		Wye-connection	0.07	0.07	0.08	0.09	0.09	
FSB-60-355	UL1283	Δ-connection	60.0	76.0	120			Δ-connection's rated voltage is 400V(440Vmax)
		Wye-connection	0.30	0.36	0.56	0.67	0.70	

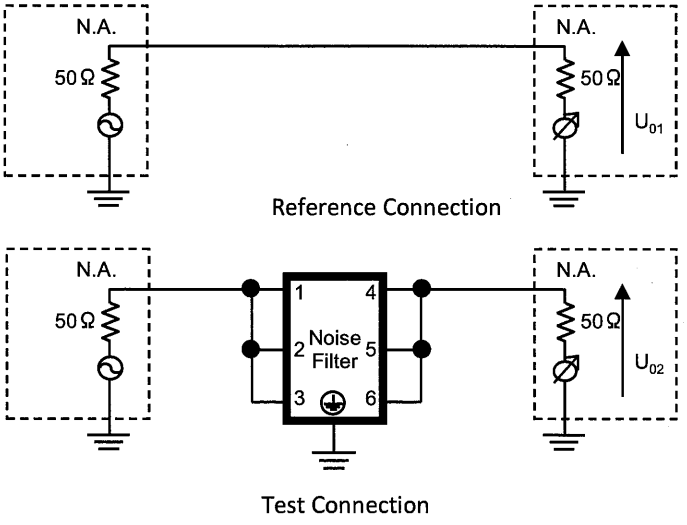
2.Condition

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



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

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

Figure A - 2 Common mode attenuation measurement

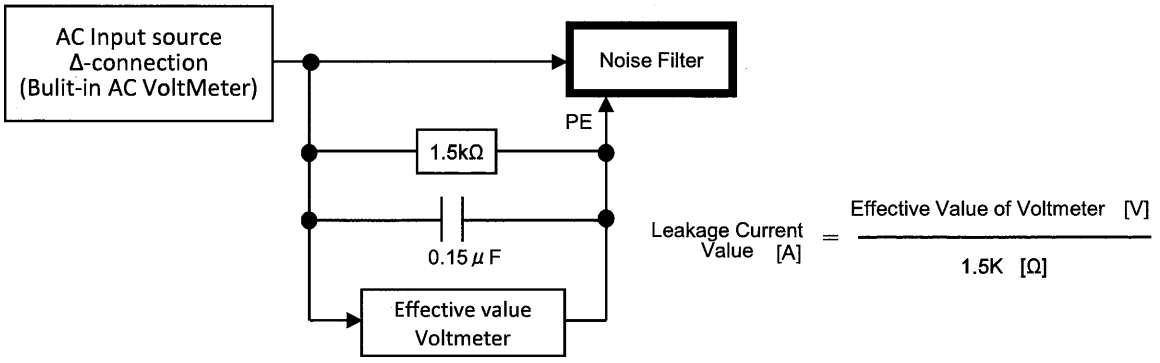


Figure B - 1 Leakage current measurement (UL1283 Δ-connection)

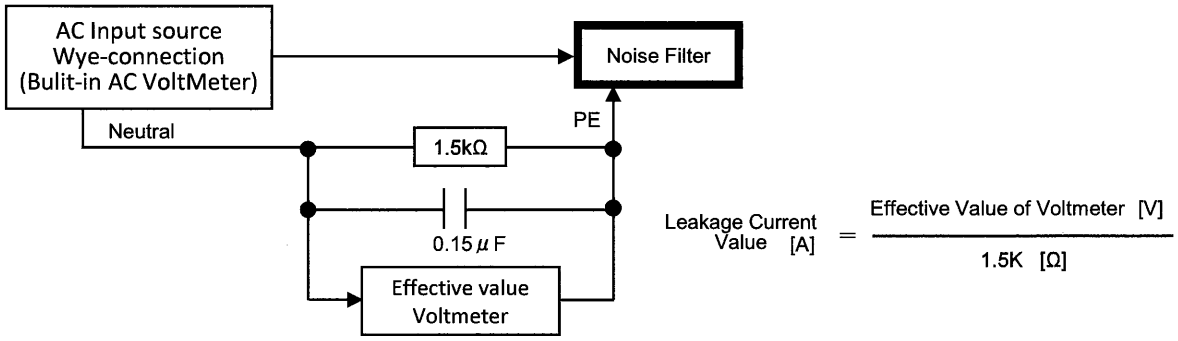


Figure B - 2 Leakage current measurement (UL1283 Wye-connection)