For Reference

COSEL

TEST DATA OF TSD-600-□□□

Noise Filter

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Approved by : Kazunari Asano
Design Manager

Prepared by : Yuichi Matsuto
Design Engineer

COSEL CO.,LTD.

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Model	TSD-600-□□□	
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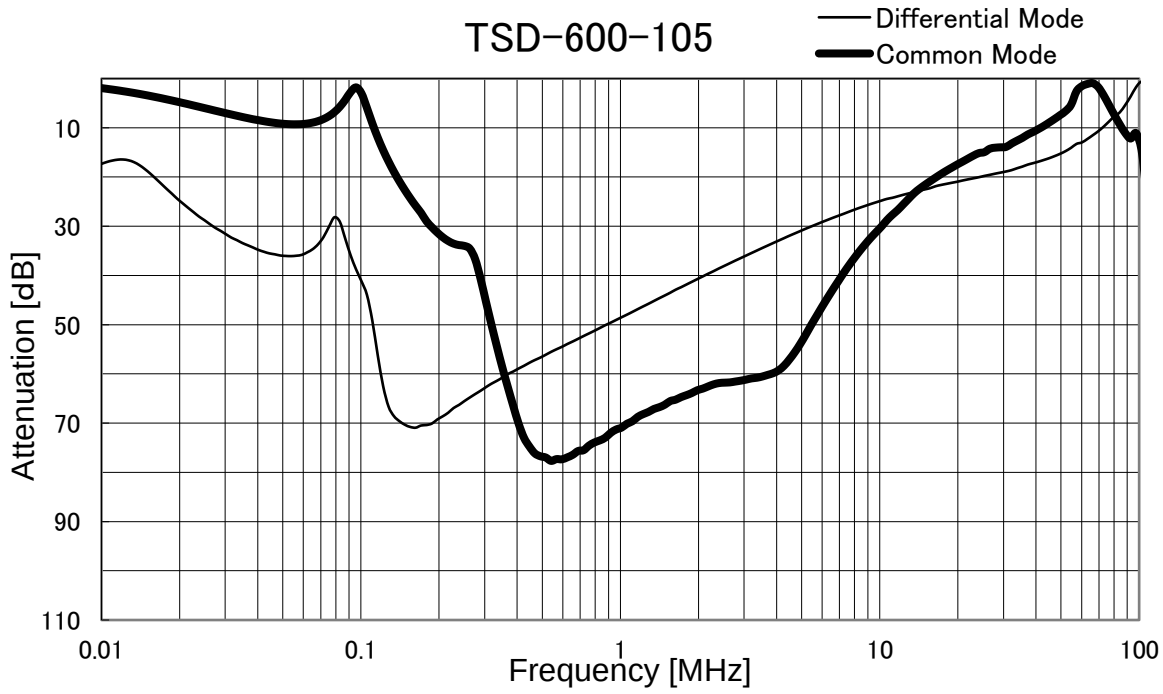

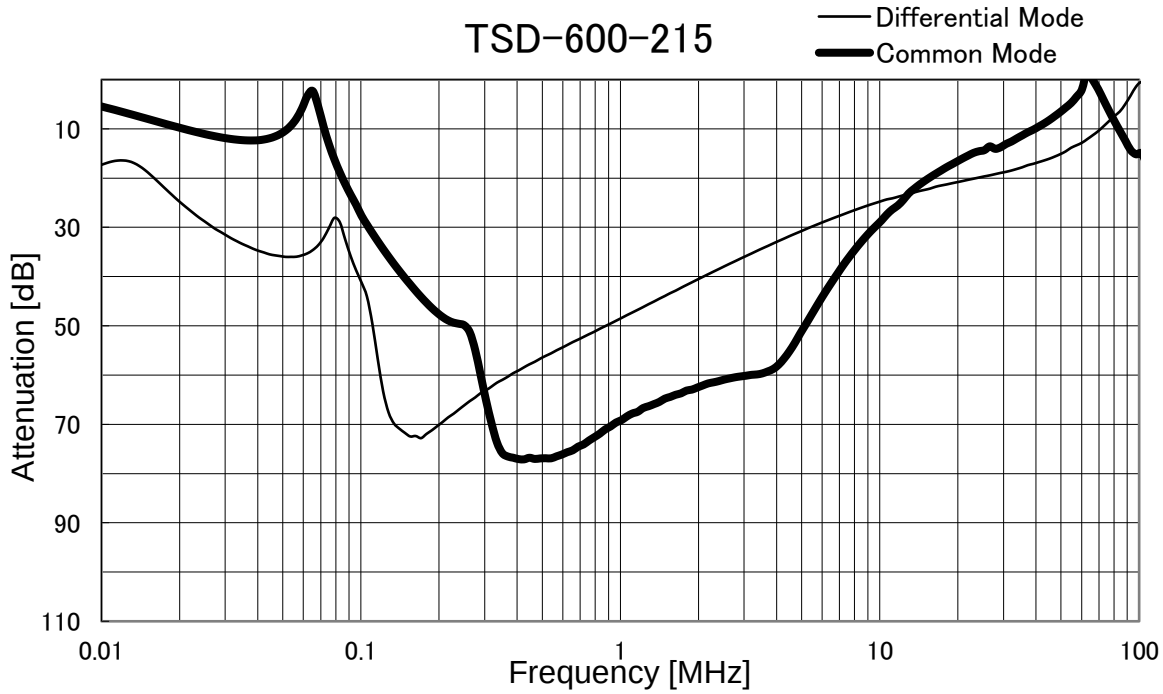

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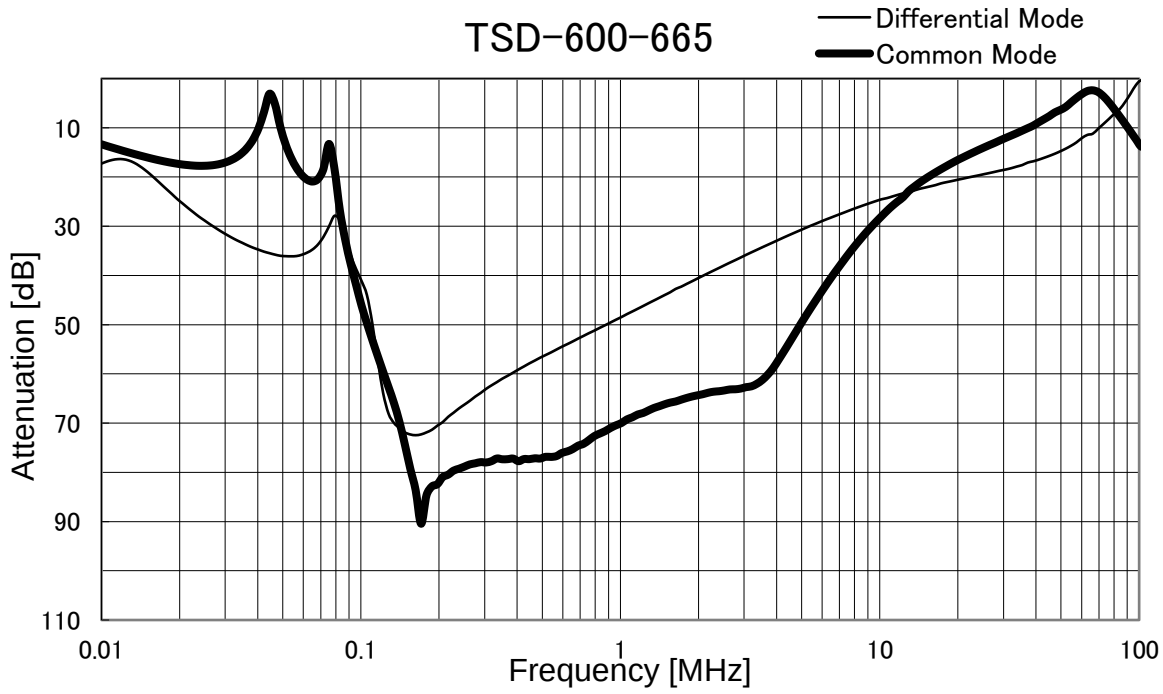

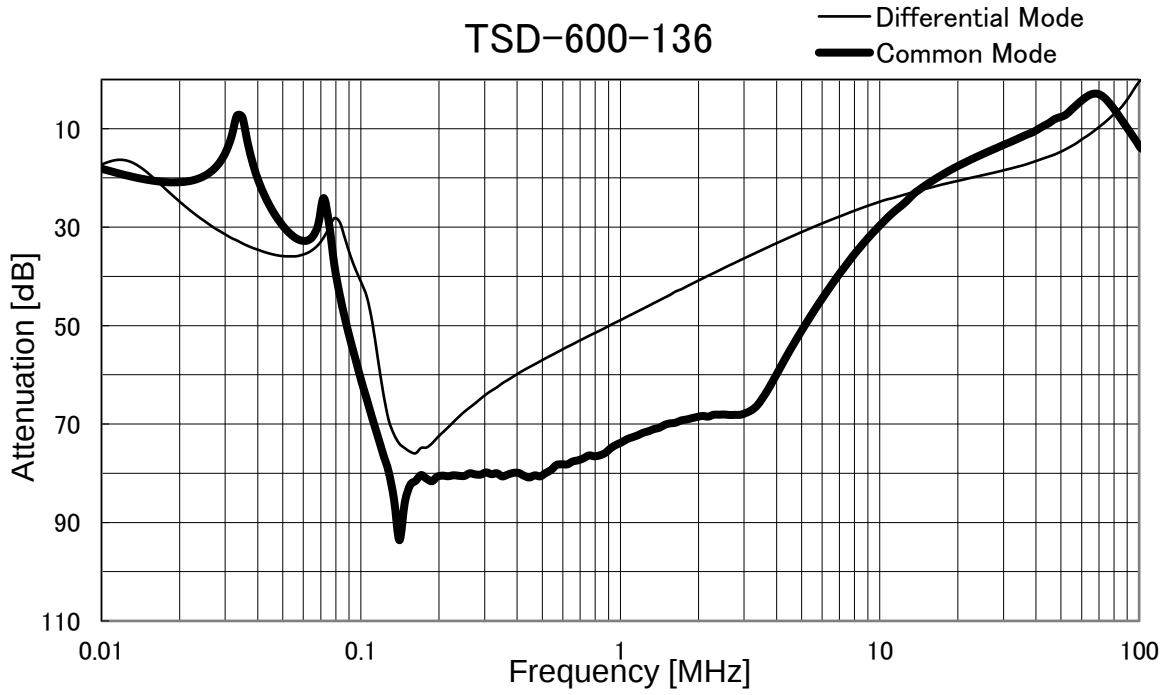

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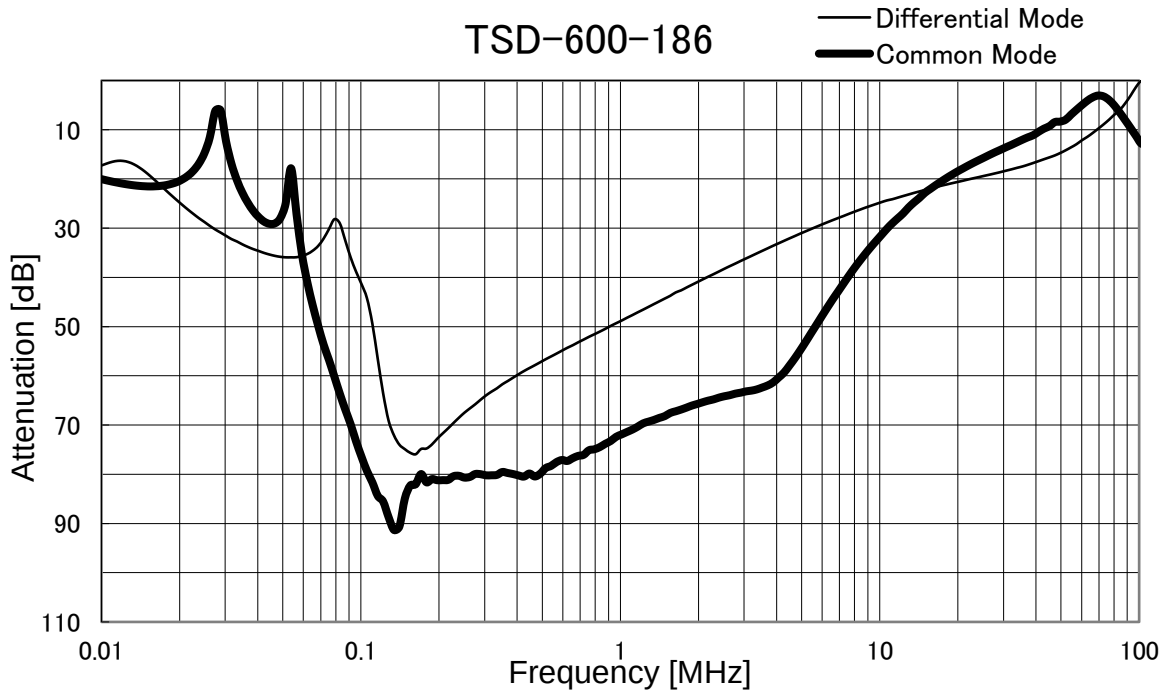

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Model	TSD-600-□□□	
Item	Leakage Current	Temperature 25°C Testing Circuitry Figure B
Object	――――――――――	

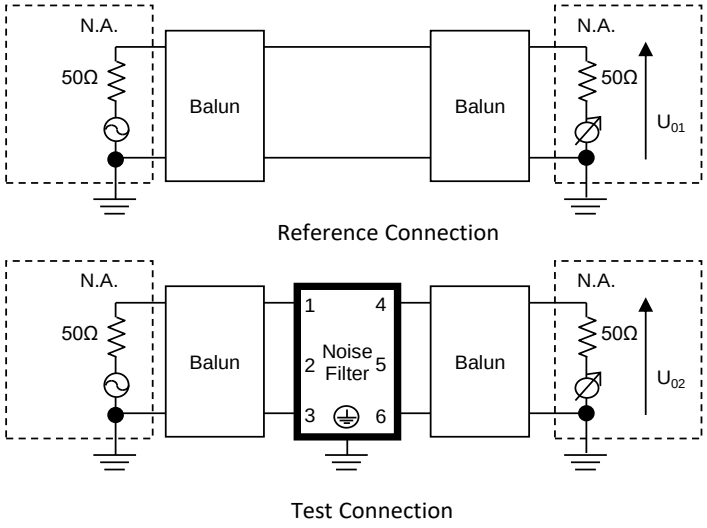
1.Results

[mA]

Model	Standards	Voltage system	Input Volt.					Note
			200[V]	250[V]	400[V]	480[V]	500[V]	
TSD-600-105	UL60939	Δ-connection	20.00	25.00	39.00			Δ-connection's rated voltage is 400V(440Vmax)
		Y-connection	0.05	0.05	0.10	0.13	0.14	
TSD-600-215	UL60939	Δ-connection	38.00	46.00	74.50			Δ-connection's rated voltage is 400V(440Vmax)
		Y-connection	0.13	0.15	0.25	0.31	0.32	
TSD-600-665	UL60939	Δ-connection	64.50	78.75	129.00			Δ-connection's rated voltage is 400V(440Vmax)
		Y-connection	0.06	0.08	0.13	0.15	0.16	
TSD-600-136	UL60939	Δ-connection	70.00	87.50	140.00			Δ-connection's rated voltage is 400V(440Vmax)
		Y-connection	0.15	0.18	0.30	0.36	0.38	
TSD-600-186	UL60939	Δ-connection	74.12	92.65	148.24			Δ-connection's rated voltage is 400V(440Vmax)
		Y-connection	0.18	0.23	0.36	0.45	0.46	

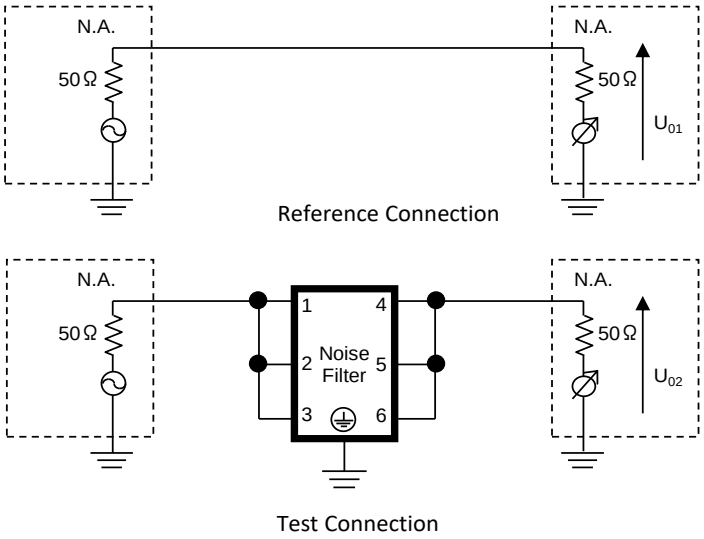
2.Condition

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]
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Figure A - 2 Common mode attenuation measurement

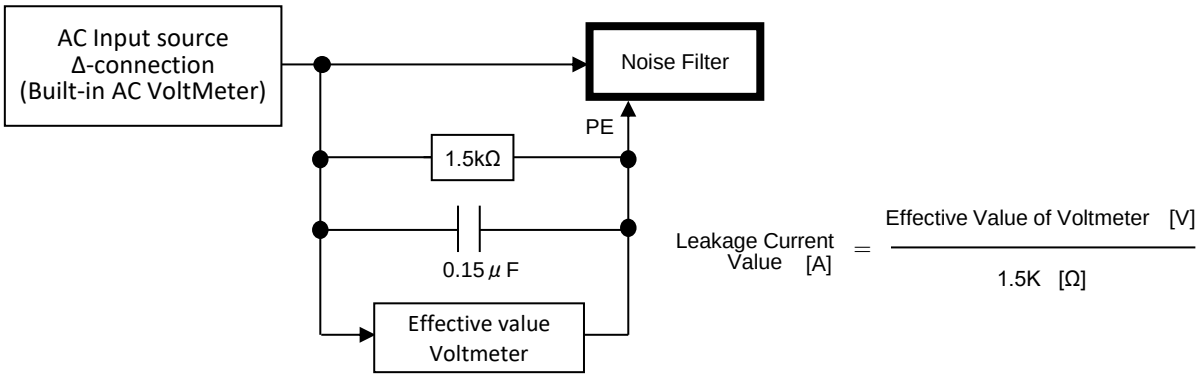

Figure B - 1 Leakage current measurement (UL60939 Δ-connection)

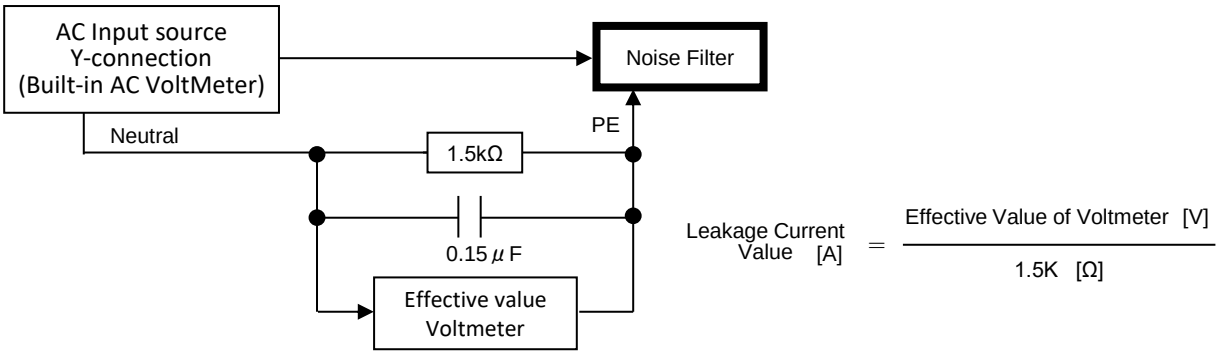

Figure B - 2 Leakage current measurement (UL60939 Y-connection)