

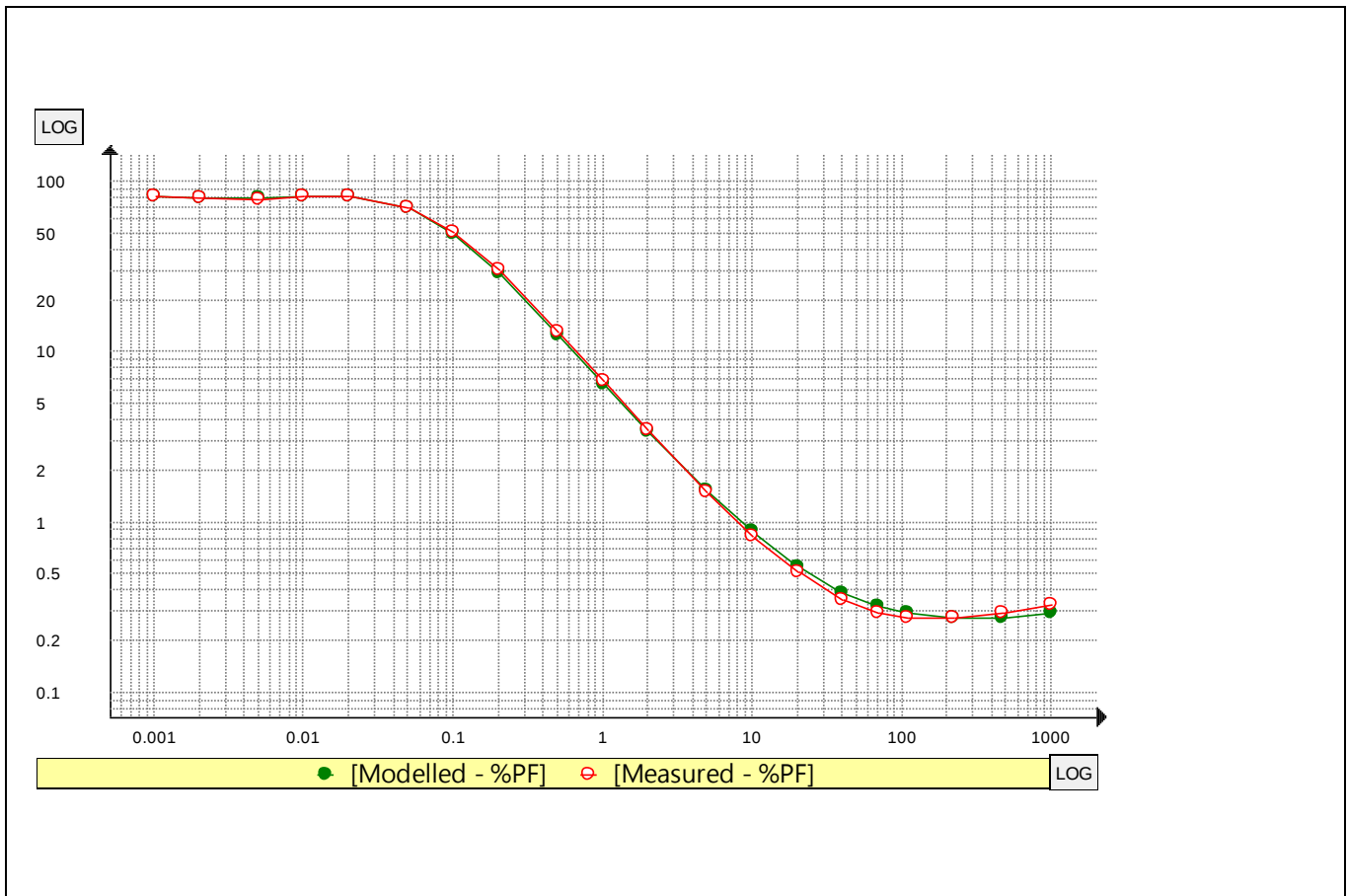
IDAX Measurement Report - Moisture Assessment

Test conditions			
Company:	Megger	Division:	Application
Location:	Megger Training room	Date:	2012/12/21
Ambient temperature, °C:	20	Ambient %RH:	
Object temperature, °C:	20	Weather:	Indoor
Tester:	JS		
Test object information			
Test object:	雙繞組變壓器	Designation:	T1
Manufacturer:	ASEA	Type:	TOF175
Core type:	內鐵芯	Serial no:	123456
Coolant:	礦物油	Cooling class:	ONAN
Voltage, kV:	10,5/0,4	MVA:	0,5
Vector group:	Yyn	Frequency:	50

Insulation assessment				
Measurement:	CHL			
Capacitance, pF:	1980	%PF:	0.311	
%PF @ 20°C:	0.311	< 0.30% 新品	0.30-0.50% 良好	0.50-1.0% 惡化中
Moisture, %:	2.8	< 1.0% 新品	1.0-2.0% 乾燥	2.0-3.0% 中度潮濕
Oil Cond, @ 25°C, pS/m:	12.6	< 0.37 pS/m 新品	0.37-3.7 pS/m 良好	3.7-37 pS/m 已老化
			> 1.0% 需調查	> 3.0% 潮濕
				> 37 pS/m 惡化中

Measured data

Measurement	Capacitance, pF	%PF
CHG	942.8	0.255
CHL	1980	0.311
CLG	6325	0.350



Measurement	CHL		
Capacitance, pF:	1980	%PF:	0.311

Notes