supracon®
SQUID and Microfabrication Technologies

Test report JAWSxxxx

Object:	JAWS compensation electronic unit
Serial number:	Ser. No.: JAWSxxxx
Date:	

Classification of the JAWS compensation electronics

Specifications

- Number of channels: 2, (4, 8, 16 channels optional)
- AC Amplitude: 0…10 mA
- AC Amplitude resolution: 14 Bit: ΔI = 0,0012 mA
- DC Amplitude: $\pm$20 mA (16 bit DC resolution)
- Frequency range: DC…1 MHz
- Frequenz resolution: $\Delta f \approx$ 3.125 mHz, dezimal: 0.05 Hz
- Phase tuning: Δt = 10 ns ($\Delta\phi$ @1 kHz = 0.0036°)
- Synchronisation: external Clock = 10 MHz
- Trigger: TRG_In and TRG_Out available
- Control: USB
- Software control: .dll, and test program (.exe)
- Power supply: external unit for 2 channels (4, 8, 16 channels optional) included