CERTIFICATE OF CALIBRATION

Issued By Transmille Ltd. **Certificate Number** EXAMPLE

Date of Issue 09 December 2008

UKAS CALIBRATION
0324

Approved Signatory

Transmille Ltd.
Unit 4, Select Business Centre
Lodge Road
Staplehurst, Kent. TN12 0QW.
TEL 01580 890700 FAX 01580 890711

EXAMPLE CERTIFICATE

☐ EXAMPLE ☐ EXAMPLE ☒ EXAMPLE

Customer :

Date Received : 11 August 2008

Instrument :

System ID :	EXAMPLE
Description :	Picoamp Source Adapter
Manufacturer :	Transmille
Model Number :	EA013
Serial Number :	EXAMPLE
Procedure Version :	3.00/N

Environmental Conditions

Temperature :	20°C +/- 1°C	Mains Voltage :	240V +/- 12V
Relative Humidity :	50% +/- 20%	Mains Frequency :	50Hz +/- 1Hz

Comments

Instrument was allowed to stabilise for at least 12 hours before calibration.

Calibration Information

The instrument was calibrated against laboratory standards whose values are traceable to recognised National Standards. The uncertainty limits quoted refer to the measured values only, with no account being taken of the instruments ability to maintain its calibration.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

Calibrated By : EXAMPLE **Date of Calibration :** EXAMPLE

CERTIFICATE OF CALIBRATION

UKAS Accredited Calibration Laboratory No. 0324
AFTER ADJUSTMENT RESULTS

Certificate Number
EXAMPLE

Test Title	Applied Value	Reading	Uncertainties
100uA Range			
100uA Range	100.000uA	100.003uA	1nA
100uA Range	0.000uA	-0.040uA	1nA
100uA Range	-100.000uA	-100.085uA	1nA
10uA Range			
10uA Range	10.000 0uA	10.000 8uA	0.5nA
10uA Range	0.000 0uA	-0.0046uA	0.5nA
10uA Range	-10.0000uA	-10.0099uA	0.5nA
1uA Range			
1uA Range	1.000 00uA	1.000 28uA	0.5nA
1uA Range	0.000 00uA	-0.00048uA	0.5nA
1uA Range	-1.00000uA	-1.00125uA	0.5nA
100nA Range			
100nA Range	100.000nA	100.008nA	0.2nA
100nA Range	0.000nA	-0.054nA	0.2nA
100nA Range	-100.000nA	-100.133nA	0.2nA
10nA Range			
10nA Range	10.000nA	9.994nA	0.2nA
10nA Range	0.000nA	-0.009nA	0.2nA
10nA Range	-10.000nA	-10.016nA	0.2nA
Linearity - 100uA Range			
100uA Range	90.000uA	89.993uA	1nA
100uA Range	80.000uA	79.989uA	1nA
100uA Range	70.000uA	69.987uA	1nA
100uA Range	60.000uA	59.981uA	1nA
100uA Range	50.000uA	49.976uA	1nA
100uA Range	40.000uA	39.973uA	1nA
100uA Range	30.000uA	29.969uA	1nA
100uA Range	20.000uA	19.962uA	1nA
100uA Range	10.000uA	9.959uA	1nA
100uA Range	-10.000uA	-10.050uA	1nA
100uA Range	-20.000uA	-20.056uA	1nA
100uA Range	-30.000uA	-30.060uA	1nA
100uA Range	-40.000uA	-40.065uA	1nA
100uA Range	-50.000uA	-50.069uA	1nA
100uA Range	-60.000uA	-60.076uA	1nA
100uA Range	-70.000uA	-70.079uA	1nA
100uA Range	-80.000uA	-80.082uA	1nA
100uA Range	-90.000uA	-90.086uA	1nA

End of results