

Lab. No. : 0133**Basic Info**

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| Organization | Tektronix Taiwan, Ltd. |
| Organization Address | 7 F, No. 2, Sec. 5, Hsin Yi Rd., Taipei City 110, Taiwan (R.O.C.) |
| Organization Representative | |
| Web site | www.tektronix.com |

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| Laboratory | Calibration Laboratory |
| Lab. Address | 7 F, No. 2, Sec. 5, Hsin Yi Rd., Taipei City 110, Taiwan (R.O.C.) |

Accreditation Criteria : ISO/IEC 17025:2005

Originally Accredited : January 01, 1994

Effective Period : January 21, 2008 to January 20, 2011

Accredited Scope : Calibration Field, see described in the Appendix

Laboratory Head : HSU, Ming Luh

Accredited Scope :

Electricity

| Calibration items | Calibration Method /Working Standard | Ranges | Best measurement Capability |
|--|---|---|------------------------------|
| KF1001 DC volt source | TTL-0002-00, TTL-0011-00,TTL-0012-02 /Fluke 5700A | 10 mV 1 V to 1000 V | 0.05 % 0.0075 % |
| KF1002 DC ampere meter | TTL-0002-00, TTL-0011-00,TTL-0012-02 /Fluke 5700A | 10 μ A to 10 mA > 10 mA to 100 mA 1 A | 0.13 % 0.019 % 0.036 % |
| KF1011 AC volt meter AC volt source | TTL-0002-00, TTL-0011-00,TTL-0012-02 /Fluke 5700A | 1 V to 100 V > 100 V to 700 V (1 kHz) | 0.05 % 0.12 % |
| KF1012 AC ampere meter AC current source | TTL-0002-00, TTL-0011-00,TTL-0012-02 /Fluke 5700A | 1 mA to 100 mA > 100 mA to 1 A (1 kHz) | 0.10 % 0.26 % |

| | | | |
|--|--|---|------------------|
| | | 1 Hz to 100 MHz, 4.44 mV to 5.56 V 100 MHz to 3.2 GHz, 4.44 mV to 2.224 V resistance measure (40 to 90) Ω (0.8 to 1.2) $M\Omega$ | 0.13 % 0.13 % |
| | | frequency and period 12 kHz to 3.2 GHz | 2.7 E-07 Hz/Hz |

Time And Frequency

| Calibration items | Calibration Method /Working Standard | Ranges | Best measurement Capability |
|---|--|--------|--------------------------------|
| KJ02 frequency standard frequency counter (Null below) | TTL-0013-00 TTL-0014-00 /FE 5650A HP 53132A | 10 MHz | 3.1 E-09 |

Remarks : Best measurement capability represents an expanded uncertainty using a coverage factor approximately 95% level of confidence.

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| Approval Signatory | Scope |
| HSU, Ming Luh | KF1001,KF1002,KF1011,KF1012,KF3001,KF4001,KJ02 |