



Certificate of Calibration.

Certificate number: K1022

Date: 29th December 2017

Due: 28th December 2018

Kirkby Microwave Ltd,
Stokes Hall Lodge, Burnham Rd,
Althorne, Chelmsford, Essex, CM3 6DT, United Kingdom.

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Model: 85033 Manufacturer: Kirkby Microwave Description: Type-SMA calibration & verification kit. Yellow case. Serial number: 0444 Options: None (standard 7 GHz).	Customer: XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX
Date of calibration: 29 th December 2017 Next calibration due: 28 th December 2018 Procedure: 85033 Temperature: (22 ± 3) °C. Humidity: (45 ± 20) % RH	Location of calibration: Kirkby Microwave Ltd, Stokes Hall Lodge, Burnham Rd, Althorne, Chelmsford, Essex, CM3 6DT, United Kingdom.

As received condition: N/A, as this was a new kit.

Action taken: Original manufacturers calibration. **IN SPECIFICATION.**

Remarks or Special Requirements:

Devices used for calibration:

1. HP 8720D Vector network analyzer (options 010, 012 and 1D5)
2. HP 85052B 3.5 mm calibration kit – includes 3.5 mm connector gauges.
3. Maury Microwave A027A SMA connector gauges.
4. HP 58503A GPS time and frequency reference receiver. (Although not necessary for the calibration, the VNA frequency is locked to a GPS frequency standard).

Kirkby Microwave certifies that this product met its published specifications at the time of shipment from the factory. Tests were performed using procedures developed at Kirkby Microwave.

Calibration Interval: The suggested initial interval for calibration is 12 months, or sooner if user has reason to suspect any problems. **The kit can only be recalibrated by Kirkby Microwave.** When recalibrated, Kirkby Microwave will provide

1. A new calibration certificate
2. A calibration sticker applied to the top of the case.
3. New measurements of the attenuator.
4. New calibration constants for the opens and shorts. These are supplied in a format suitable for VNAs made by Agilent, Anritsu, Copper Mountain, HP, Keysight, Rohde & Schwarz, and Tektronix. Data in a format suitable for some other VNAs can be supplied on request.
5. Floppy disks, and/or a file for a VNA. Please specify the VNA.

For service or calibration, please contact:

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