

# Keysight Technologies Certificate of Calibration Enhanced

The Keysight Technologies, Inc. Singapore Service Center now provides more measurement information at no additional charge with your Keysight Certificate of Calibration for selected instruments. Do you need the technical documentation as demanded per ISO/IEC 17025:2005? Do you need to know how precisely measurement uncertainty (MU) is being managed?

If yes, Keysight Calibration is for you.

## The enhanced Keysight Certificate of Calibration includes:

1. MU values provided with every measurement result
2. Easy-to-read Traceability Table
3. Single report with consistent layout

Contact us to discuss your measurement challenges  
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Increase confidence in your measurement results – Keysight achieves a technology development that ensures accuracy and tolerances are readily visible

## MU values provided with every measurement result:

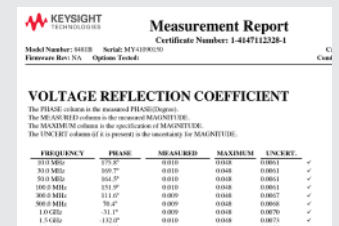
MU data gives you increased confidence that your end products meet design goals. In addition, MU data provides you with the information necessary to improve risk analysis.

## Easy-to-read Traceability Table:

The Traceability Table improves staff efficiency by confirming that each instrument used in the calibration is traceable to the International System of Units (SI). This increased audit-readiness frees your trained specialists to focus on core activities, instead of collating reports, creating traceability maps and providing authoritative proof the calibration can be traced to SI.

## Single report with consistent layout:

Including the Certificate of Calibration, Traceability Table and Measurement Report in a single document saves collaboration time for central quality teams and engineers in distant locations, such as Singapore and Europe. Staff can focus on engineering questions, not on re-tabulating data from multiple sources.



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TECHNOLOGIES

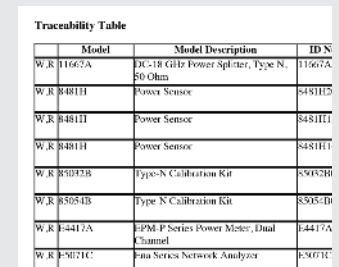
**Measurement Report**  
Certificate Number: 1-4347112328-1

Model Number: 8481B Serial: MY1000000  
Revision: 1.0A Option: 0000

**VOLTAGE REFLECTION COEFFICIENT**

The PHASE column is the measured PHASE (Degrees).  
The MAXIMUM column is the measured MAXIMUM.  
The MINIMUM column is the measured MINIMUM.  
The UNCERT column is the uncertainty in the measurement.

FREQUENCY	PHASE	MEASURED	MAXIMUM	UNCERT.
10.0 MHz	175.0°	0.010	0.010	0.001
30.0 MHz	165.0°	0.010	0.010	0.001
50.0 MHz	164.0°	0.010	0.010	0.001
100.0 MHz	175.0°	0.010	0.010	0.001
300.0 MHz	111.0°	0.010	0.010	0.001
500.0 MHz	76.0°	0.010	0.010	0.001
1.0 GHz	-11.0°	0.010	0.010	0.001
1.5 GHz	1.00°	0.010	0.010	0.001
2.0 GHz	146.0°	0.011	0.010	0.001



**Traceability Table**

Model	Model Description	ID N
W.R. 11667A	DC-10 GHz Power Splitter, Type N, 50 Ohm	11667A
W.R. 8481H	Power Sensor	8481H1
W.R. 8481H	Power Sensor	8481H1
W.R. 8481H	Power Sensor	8481H1
W.R. 8503B	Type-N Calibration Kit	8503B1
W.R. 8505B	Type-N Calibration Kit	8505B1
W.R. 84417A	HPM-P Series Power Meter, Dual Channel	84417A
W.R. 85071C	Ena Series Network Analyzer	85071C

