

E8486A-03B

Modification Recommended Service Note

Supersedes:
E8486A-03A

E8486A – Waveguide Power Sensor, 60 to 90 GHz, -30 to +20 dBm

Serial Numbers: Please refer to page 3#.

The Problem – Accuracy offset issue

Parts Required:

P/N Description Qty.

NONE

ADMINISTRATIVE INFORMATION

ACTION	☐ ON SPECIFIED FAILURE	STANDARDS	
CATEGORY:	☒ AGREEABLE TIME	LABOR:	1 Hours
LOCATION	☐ CUSTOMER INSTALLABLE	SERVICE:	☐ RETURN
CATEGORY:	☐ ON-SITE (active On-site contract required)	INVENTORY:	☐ SCRAP
	☒ SERVICE CENTER		☒ SEE TEXT
	☐ CHANNEL PARTNERS		☐ SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL:	29 Nov 2022
	☒ Calibration Required	PRODUCT LINE:	WN
	☐ Calibration NOT Required	AUTHOR:	LSL

ADDITIONAL INFORMATION:

Service Inventory and Use Part is Not Applicable

Situation:

Accuracy offset is observed on certain Waveguide Power Sensor (E8486A) due to the inaccurate power transferred from Power Meter to test port. Based on an analysis of a limited number of units, the offset observed ranges from 0.3dB to 2.3dB.

Keysight Technologies is notifying customers of a potential accuracy offset on certain Keysight Waveguide Power Sensor (E8486A) and recommends a re-calibration at Keysight service center.

Solution/Action:

Keysight will send a customer letter to all affected customers.

This issue can be fixed by re-calibrating the affected unit in service center.
New CoC (Certificate of Calibration) and measurement report will be regenerated.

Revision History:

Date	Service Note Revision	Author	Reason for Change
18 OCT 2019	01	LSL	As Published
19 NOV 2019	03A	LSL	Change it to external service note
29 NOV 2019	03B	LSL	Revise the offset value into ranges

Serial Number:

MY54080011	MY56400004	MY58440006	MY59070005	MY59140007
MY54100003	MY56410007	MY58460002	MY59090002	MY59140008
MY54200002	MY56510009	MY58490002	MY59090003	MY59150002
MY54320010	MY56510014	MY58490003	MY59090004	MY59150003
MY54340002	MY57010002	MY58490004	MY59090005	MY59150004
MY54340003	MY57070004	MY58490005	MY59090006	MY59150005
MY54340005	MY57070005	MY58490006	MY59100002	MY59150007
MY54490014	MY57070006	MY58490007	MY59100005	MY59160002
MY55090010	MY57070008	MY58490008	MY59100006	MY59160003
MY55150002	MY57400002	MY58490010	MY59100007	MY59180002
MY55150005	MY57410002	MY58490011	MY59100008	MY59180003
MY55480014	MY57499005	MY58490012	MY59110002	MY59190007
MY56020004	MY58040018	MY59020002	MY59110003	MY59220002
MY56020005	MY58290010	MY59040002	MY59110004	MY59220003
MY56060008	MY58290017	MY59040003	MY59110005	MY59240002
MY56120006	MY58360002	MY59040004	MY59110006	MY59240004
MY56160004	MY58430002	MY59040006	MY59140002	MY59290002
MY56160006	MY58440002	MY59040010	MY59140003	MY59300002
MY56190014	MY58440003	MY59070002	MY59140004	MY59300003
MY56360007	MY58440004	MY59070003	MY59140005	
MY56370003	MY58440005	MY59070004	MY59140006	

Tracking Number:

MZ58400001	MZ58400006	MZ58400008	MZ59130002	MZ59210001
MZ58400002	MZ58400009	MZ58400005	MZ59130003	MZ59290002
MZ58400004	MZ58400003	MZ59130001	MZ59130004	MZ59310002