

E8486A-03D

Modification Recommended Service Note

Supersedes:
E8486A-03C

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	<input type="checkbox"/> ON SPECIFIED FAILURE	STANDARDS			
CATEGORY:	<input checked="" type="checkbox"/> AGREEABLE TIME	LABOR:	1 Hours		
LOCATION	<input type="checkbox"/> CUSTOMER INSTALLABLE	SERVICE:	<input type="checkbox"/> RETURN	USED	<input type="checkbox"/> RETURN
CATEGORY:	<input type="checkbox"/> ON-SITE (active On-site contract required)	INVENTORY:	<input type="checkbox"/> SCRAP	PARTS:	<input type="checkbox"/> SCRAP
	<input checked="" type="checkbox"/> SERVICE CENTER		<input checked="" type="checkbox"/> SEE TEXT		<input checked="" type="checkbox"/> SEE TEXT
	<input type="checkbox"/> CHANNEL PARTNERS				
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL:	29 Nov 2022		
	<input checked="" type="checkbox"/> Calibration Required	PRODUCT LINE:	WN		
	<input type="checkbox"/> 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	02	LSL	Change it to external service note
29 NOV 2019	03	LSL	Revise the offset value into ranges
31 JAN 2020	04	LSL	Add additional 5 impacted serial number
18 MAR 2020	05	LSL	Remove 2 impacted serial number due to have a re-calibration at BBN before the recall

Serial Number:

MY54080011	MY56370003	MY58440005	MY59070005	MY59140008
MY54100003	MY56400004	MY58440006	MY59090002	MY59150002
MY54200002	MY56410007	MY58460002	MY59090003	MY59150003
MY54320010	MY56510009	MY58490002	MY59090004	MY59150004
MY54340002	MY56510014	MY58490003	MY59090005	MY59150005
MY54340003	MY57070004	MY58490004	MY59090006	MY59150007
MY54340005	MY57070005	MY58490005	MY59100002	MY59160002
MY54490014	MY57070006	MY58490006	MY59100005	MY59160003
MY55020003	MY57070008	MY58490007	MY59100006	MY59180002
MY55020004	MY57400002	MY58490008	MY59100007	MY59180003
MY55090010	MY57410002	MY58490010	MY59100008	MY59190007
MY55150002	MY57410003	MY58490011	MY59110002	MY59220002
MY55150005	MY57499005	MY58490012	MY59110003	MY59220003
MY55480014	MY58020002	MY59020002	MY59110004	MY59240002
MY56020004	MY58040018	MY59040002	MY59110005	MY59240004
MY56020005	MY58290010	MY59040003	MY59110006	MY59290002
MY56060008	MY58290017	MY59040004	MY59140002	MY59300002
MY56120006	MY58360002	MY59040006	MY59140003	MY59300003
MY56160004	MY58430002	MY59040010	MY59140004	
MY56160006	MY58440002	MY59070002	MY59140005	
MY56190014	MY58440003	MY59070003	MY59140006	
MY56360007	MY58440004	MY59070004	MY59140007	

Tracking Number:

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