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OPERATING AND SERVICE MANUAL

SUPPLEMENT

Broadband Light Source
Agilent 83437A Option H98

Part Number:
83437-90005
Printed: May 1997

Use this supplement with manual
part number: 83437-90006
Printed: July 1996

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INTRODUCTION

This manual supplement describes the differences in the AGILENT 83437A Option H98 compared to the standard AGILENT 83437A. It also describes the manual changes necessary to document the AGILENT 83437A.

DESCRIPTION

The AGILENT 83437A Option H98is a standard Broadband Light Source that has been modified to minimize turn on transient overshoot.

This 87437A modification allows bias adjustment for best response via a front panel adjustment. A front panel adjustable resistor provides a means to lower the power only. When this control is set to the maximum position, counter clockwise, the 83437A-H98 will perform as a standard 83437A Broadband Light Source.

In all other respects the AGILENT 83437A Option H98 Broadband Light Source is identical to the standard AGILENT 83437A.

MANUAL CHANGES NECESSARY TO DOCUMENT THE AGILENT 83437A H98

CHAPTER 3, Specifications and Characteristics

Page 3-3; Specifications, Peak Density

Add: Minimum power per 10 nm.

-15.0 dBm 1308±/-10nm &
1550±/-10nm

SERVICE, Replaceable Parts:

Change: Source Driver Board from P/N 83437-60010 to
P/N 83437-60028

Change: Modulator Board from P/N 83437-60011 to
P/N 83437-60029.

Add: 10K ohm pot P/N 2100-3414

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