

S E R V I C E N O T E

SUPERSEDES

HP 81533A, 81533B Power Sensor Module

Serial Numbers: n/a

Power Range Extension

To Be Performed by: HP-Qualified Personnel

Parts Required: none

Situation:

The HP 81533A power sensor module was capable of setting measurement ranges up to 0dBm only. The recent introduction of the 81525A Optical Head has created a situation that made it necessary to set the measurement range up to +30dBm.

To cope with this situation, a new Power Sensor Module, the 81533B, has been introduced. This module is capable of setting measurement ranges up to +30dBm. It is completely backward compatible to the 81533A, including older heads (81520A, 81521B, 81524A).

Continued

DATE: June 1994

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
INFORMATION ONLY		
AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
VE	B100	



The specs of the new module are:

Optical Head		Power Range	
		New Module specs. 81533B + Optical Head	Old Module specs. 81533A + Optical Head
8120A		+10 to -100 dBm	+10 to -100 dBm
8121B		+3 to -80 dBm	+3 to -80 dBm
8124A		+3 to -90 dBm	+3 to -90 dBm
8125A		+27 to -70 dBm (1250 to 1650 nm) +23 to -70 dBm (800 to 1650 nm)	n/a
		81533B	81533A
	PCA	81533-66511	81533-66501

The 81533-66501 will no longer be available in the exchange program. When an old 81533A unit fails, the new 81533-66511 must be used instead. Hereby the old 81533A is automatically upgraded to a new 81533B.

When buying a 81525A Optical Head, the customers needs to have his old 81533A upgraded to a new 81533B. For this purpose a Retrofit Option is available for 81533A upgrade:
81533B #001