

MODIFICATION AVAILABLE – PERFORMANCE ENHANCEMENT
CHARGEABLE TO CUSTOMER SERVICE / RELIABILITY
ENHANCEMENT CHARGEABLE TO CONTRACT IF THERE IS ONE.

81949A-01

S E R V I C E N O T E

Supersedes:
NONE

81949A Compact Tunable Laser Source

Serial Numbers: [0000A00000 / 9999Z99999]

Firmware update to fix possible wavelength offset

To Be Performed By: Customer

Parts Required:

P/N	Description	Qty.
NONE		

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION AVAILABLE		
ACTION CATEGORY:	AGREEABLE TIME	<input type="checkbox"/> PERFORMANCE ENHANCEMENT <input checked="" type="checkbox"/> SERVICE / RELIABILITY ENHANCEMENT
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	AVAILABLE UNTIL: Dec. 2005
AUTHOR: VE PRODUCT LINE: PL 3E		
ADDITIONAL INFORMATION:		

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Situation:

In rare cases and large temperature change in short period of time there is a chance that the wavelength of the compact tunable laser source may be slightly offset.

Solution/Action:

Firmware patch 4.57 allows to realign the laser cavity.

After fw upgrade to release 4.57 from an earlier version, cavity realignment must be performed, once. The realignment must be user triggered via the menu function, it does not perform automatically.

Under normal conditions, cavity realignment is not required to be performed a second time.

Units shipped with fw 4.57 (or higher) installed, are already re-aligned by the factory.

Users should perform second realignment only upon request by an Agilent service and support organization.

Caution: **Before starting the re-alignment, disconnect all fibers from the tunable laser's optical output. During the realignment process, light will be emitted from the optical output.**

Note: Be sure that the instrument is unlocked and the remote interlock connection is closed. The realignment process will not start otherwise

Note: To get the specified performance, ensure that the warm-up time has passed before starting the realignment.