



Supplement

Manual Title:	DSP-FTA420/30/40 Users	Supplement Issue:	4
Part Number:	1570398	Issue Date:	3/04
Print Date:	July 2000	Page Count:	3
Revision/Date:			

This supplement contains information
necessary to ensure the accuracy of
the above manual.

Change #1

On page 3,

Change:   **Warning**


To:   **Warning** 

Add:

- Do not start any optical tests before completely connecting all of the fiber optic cables.

On page 42, under General Specifications,

Change:  

To:  Complies with EN60825-2 and FDA 21 CFR Subchapter J

Add:   

Under Optical Transmitter, Power output,

Change: FTA420 -20 dBm (10 μ W), typical (into 62.5/125 μ m fiber)

To: FTA420 -20 dBm typical (into 62.5/125 μ m fiber)

Change: FTA430 and FTA440 -10 dBm

To: FTA430 and FTA440 -8 dBm typical

Change #2

On page 29, following Table 6, add:

If Loss Readings are Negative

Negative loss values can occur under the following conditions:

- The connections to the fiber test adapters were disturbed after referencing.
- The fiber ends were dirty during referencing.
- There was a kink in the reference patch cords during referencing.

- The connectors were not properly aligned during referencing.
- The fiber test adapters were much cooler during referencing than during testing.

If a loss value is negative, reset the reference and retest the fiber.

Change#3

On page 30, under Single Tests, add the following to the end of the paragraph:

The tests stop after 10 minutes to help conserve battery life.

Change #4

On page 43, change the following:

From: Power measurement accuracy: ± 0.25 dBm at 23 °C, 45 % RH to 75 % RH, -20 dBm for 850 nm and 1300 nm, -10 dBm for 1550 and 1625 nm

To: Power measurement accuracy: ± 0.25 dBm at 23 °C, 45 % RH to 75 % RH, -20 dBm for 850 and 1300 nm, -10 dBm for 1550 and 1310 nm
 ± 0.35 dBm at 23 °C, 45 % RH to 75 % RH, -10 dBm for 1625 nm

From: Detector type: InGaAs

To: Detector type: Various Technologies

From: Power measurement range: +3 dBm to -50 dBm

To: Power measurement range 0 dBm to -50 dBm

Change #5

On page 3, under Safety Information, add the following Warnings:

- **Use a FiberInspector video probe to periodically inspect the tester's OUTPUT connector for scratches and other damage.**
- **Do not use a video microscope to inspect the fiber module's INPUT connector. This connector has different dimensions than the OUTPUT connector, and may be damaged by a fiber inspection probe.**