



# FINAL TEST REPORT

# DiCon

FIBEROPTICS, INC



MODEL NO:	SCD1289
CUSTOMER PART NO:	N/A
SERIAL NUMBER:	38A14G000281
PACKAGE TYPE:	Cylindrical
FIBER TYPE:	SMF-28 9/125/250
CABLE TYPE:	N/A
LIGHT SOURCE USED:	TLS
DETECTOR USED:	Power Meter

### DEVICE PIGTAILS INFORMATION

PORTS	COLOR	LENGTH (M)	CONNECTOR
INPUT	Red	1.5M	N/A
OUTPUT	N/A	1.5M	N/A

### DEVICE OPTICAL PERFORMANCE

PORTS	PARAMETERS	WAVELENGTH	UNIT	SPECIFICATION		MEASURED		STATUS
				MIN	MAX	MIN	MAX	
INPUT - OUTPUT	INSERTION LOSS	1530~1560.75nm	dB	N/A	1.0dB	N/A	0.41	Pass
	ERROR FUNCTION	1530~1560.75nm	dB	N/A	0.7dB	N/A	0.42	Pass
	RETURN LOSS	1530~1560.75nm	dB	50dB	N/A	50.0	N/A	Pass

### NOTES:

(a). Polarization Dependent Loss(PDL) <0.1dB@ 1550nm

INSPECTOR ID:

DATE: 25-Feb-04

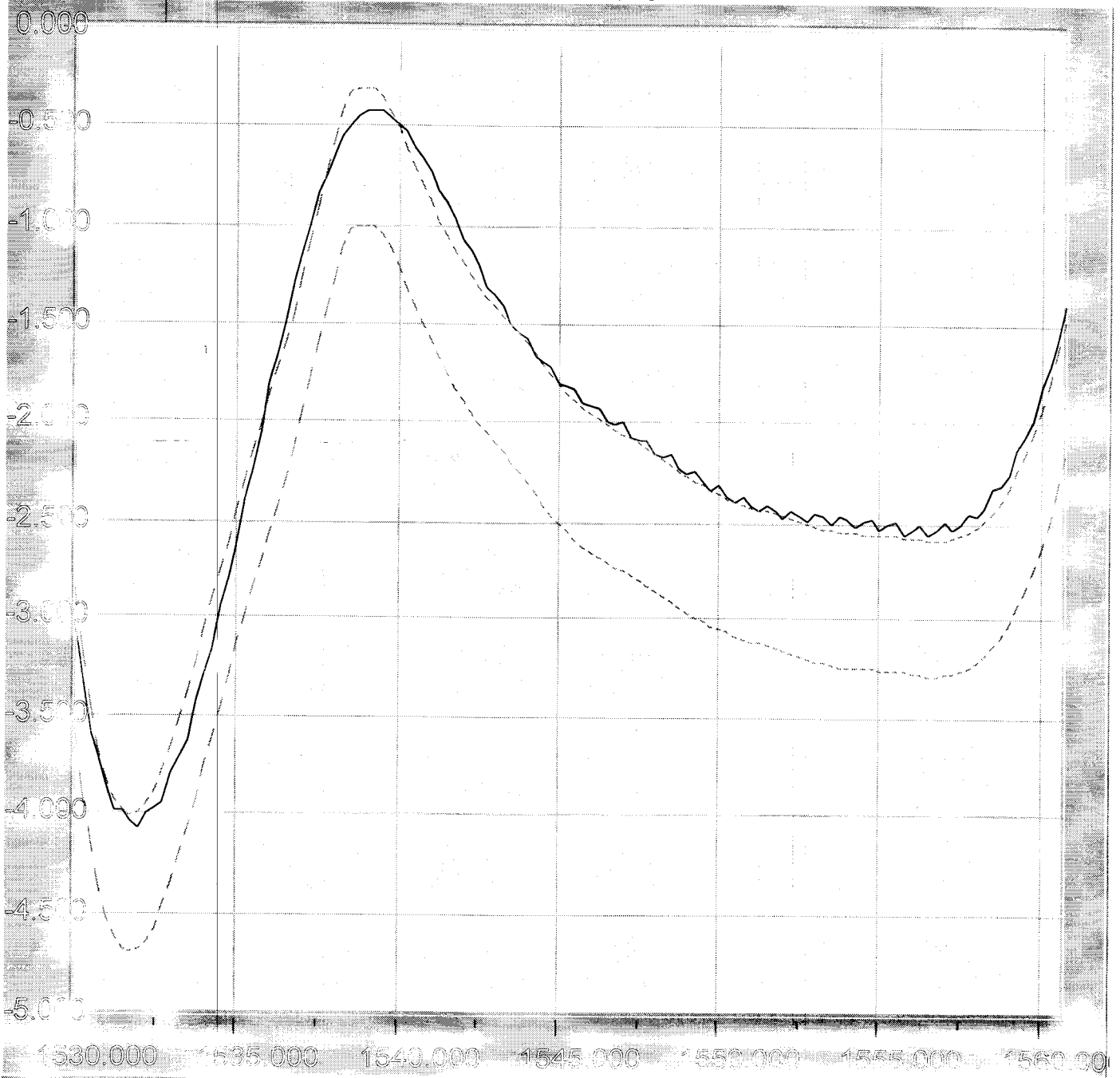
DiCon Fiberoptics, Inc.  
1689 Regatta Blvd.  
Richmond, CA 94804  
U.S.A.

Tel: (510) 620-5000  
Fax: (510) 620-4100  
URL: <http://www.diconfiber.com>

Technician: 108 (Workstation: T025)  
Device S/N: 38A14G000281

Date: 2004/2/3  
Model Name: SCD1289 Testing(Room)

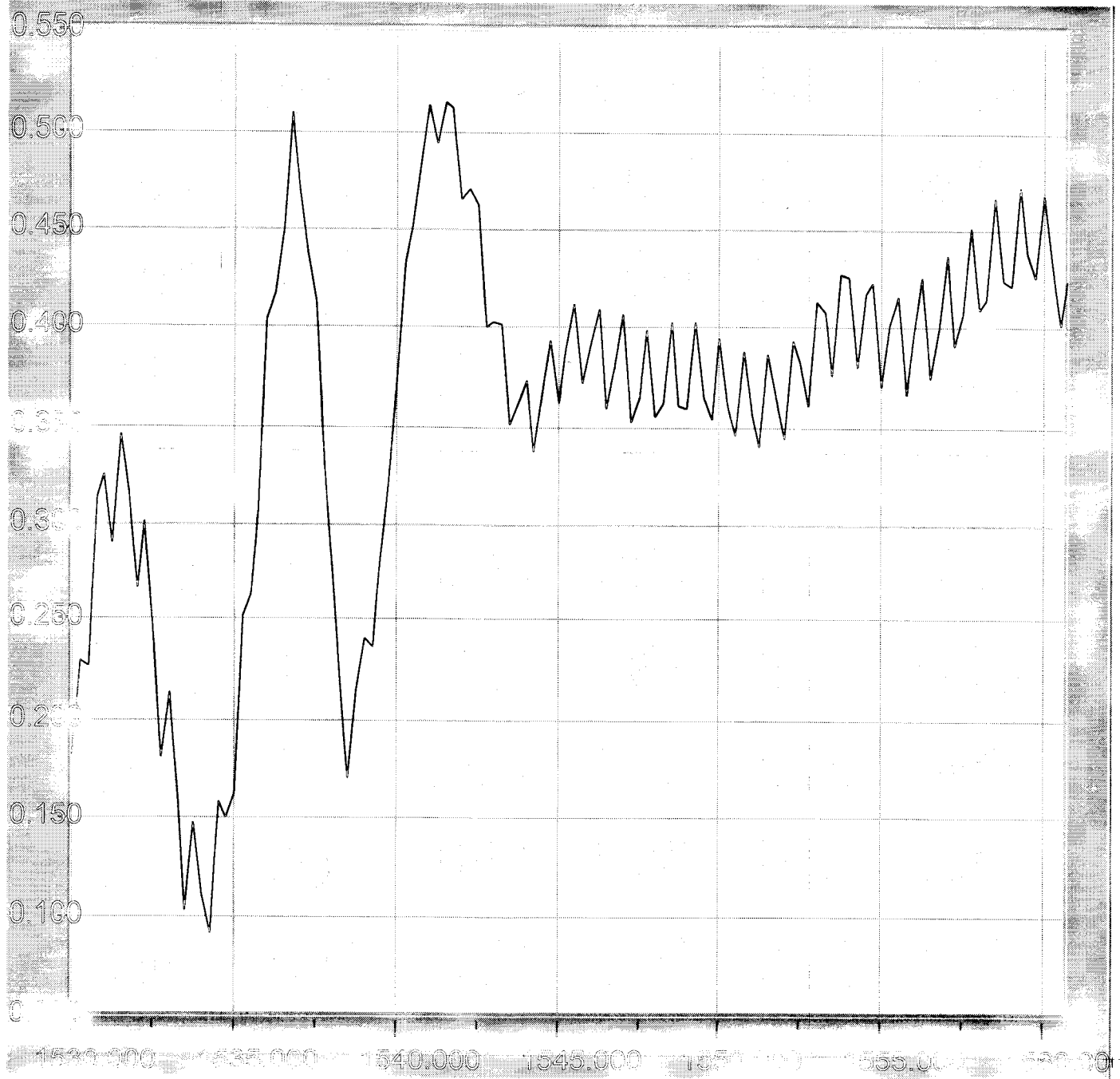
Filter Channel @All Bands at Room temperature  
IL compares with pattern IL you provided



BAND	(1530.000 ~ 1560.750)	1530.000	1560.750	1550	1534.250	1541.500	1560.000	1550.000
	(-0.413 ~ -4.073)	-3.028	-1.394		0.091	0.514		0.423

BR - 50

Filter Channel @All Bands at Room temperature  
IL err-function=Target(mean)-Measurement



BAND	(1530.000 ~ 1560.750)	1530.000	1560.750	1550	1534.250	1541.500	1560.000
	(-0.413 ~ -4.073)	-3.028	-1.394		0.091	0.514	0.423