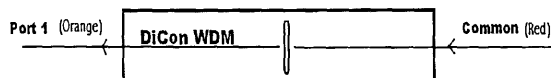


Gain Flattening Filter Final Test Report



Model Type: SCD1103
Serial No: 38A199001638
Package Type: Cylindrical
Fiber Type: 9/125/250
Pigtail Length: 1M
Cable Type: Bare Fiber
Connector Type: None
Light Source: HP8168F
Detector Used: HP8153A

Flattening Band From 1530.25 To 1562.75 nm

Wavelength Independent Loss		
Measured:	-0.319	dB
Required:	-1.2	dB
Status:	PASS	

Error Function		Back Reflection				
		Input	Output			
Measured:	± 0.355	dB	Measured:	-60	-60	dB
Required:	± 0.5	dB	Required:	-50	-50	dB
Status:	PASS		Status:	PASS	PASS	

Special Note	Comments: <i>All wavelengths measured in vacuum</i>
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Inspector ID: 314

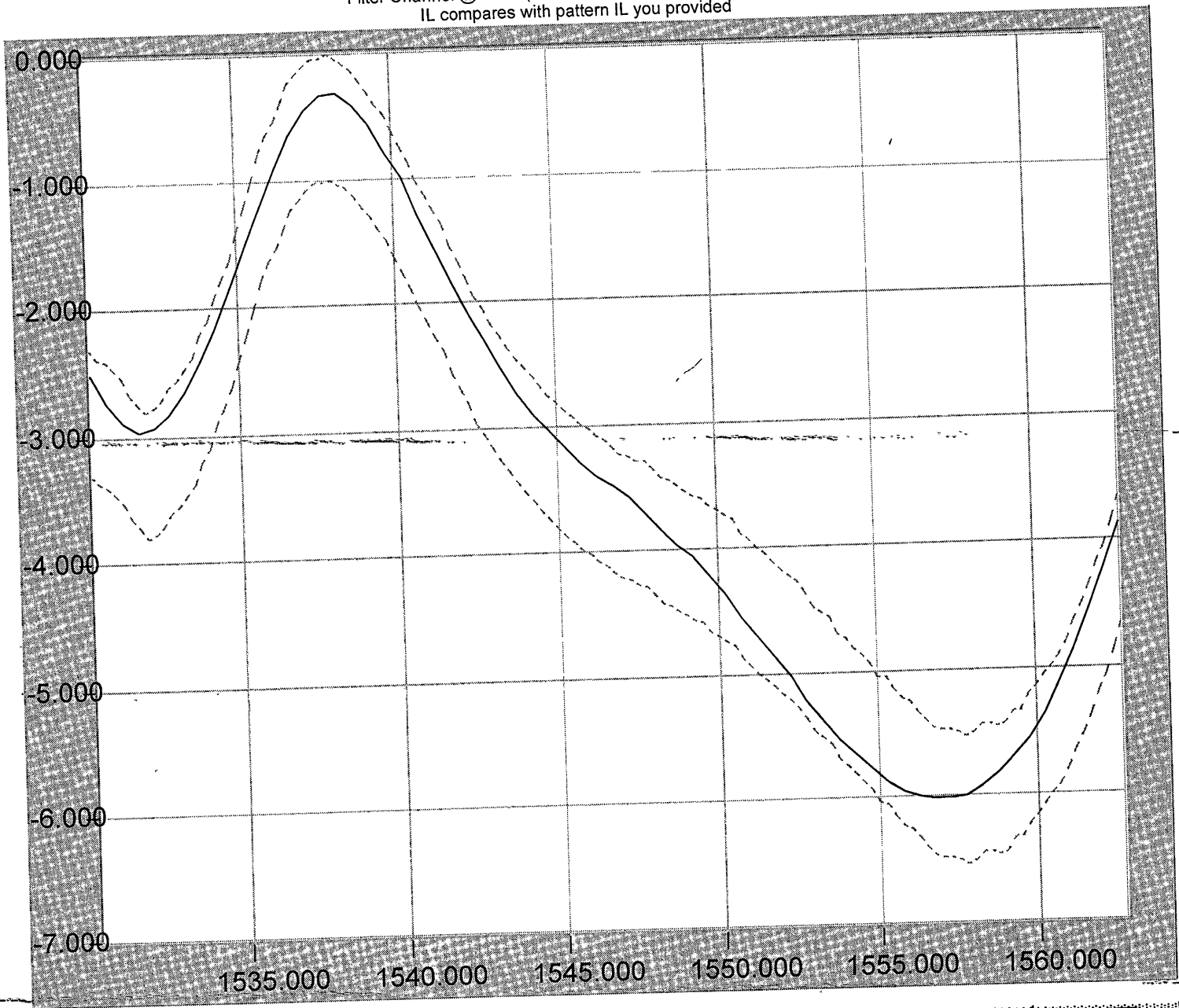
DiCon Fiber Optics, Inc.
 1331 EIGHTH STREET
 BERKELEY, CA 94710

TEL. (510) 528-0427
 FAX. (510) 528-1519
<http://www.diconfiberoptics.com>

Technician: 190
 Device S/N: 38A199001638

Date: 7/29/99
 Model Name: SCD1103

Filter Channel @BAND(1530.250 ~ 1562.750) at 55 Celsius
 IL compares with pattern IL you provided

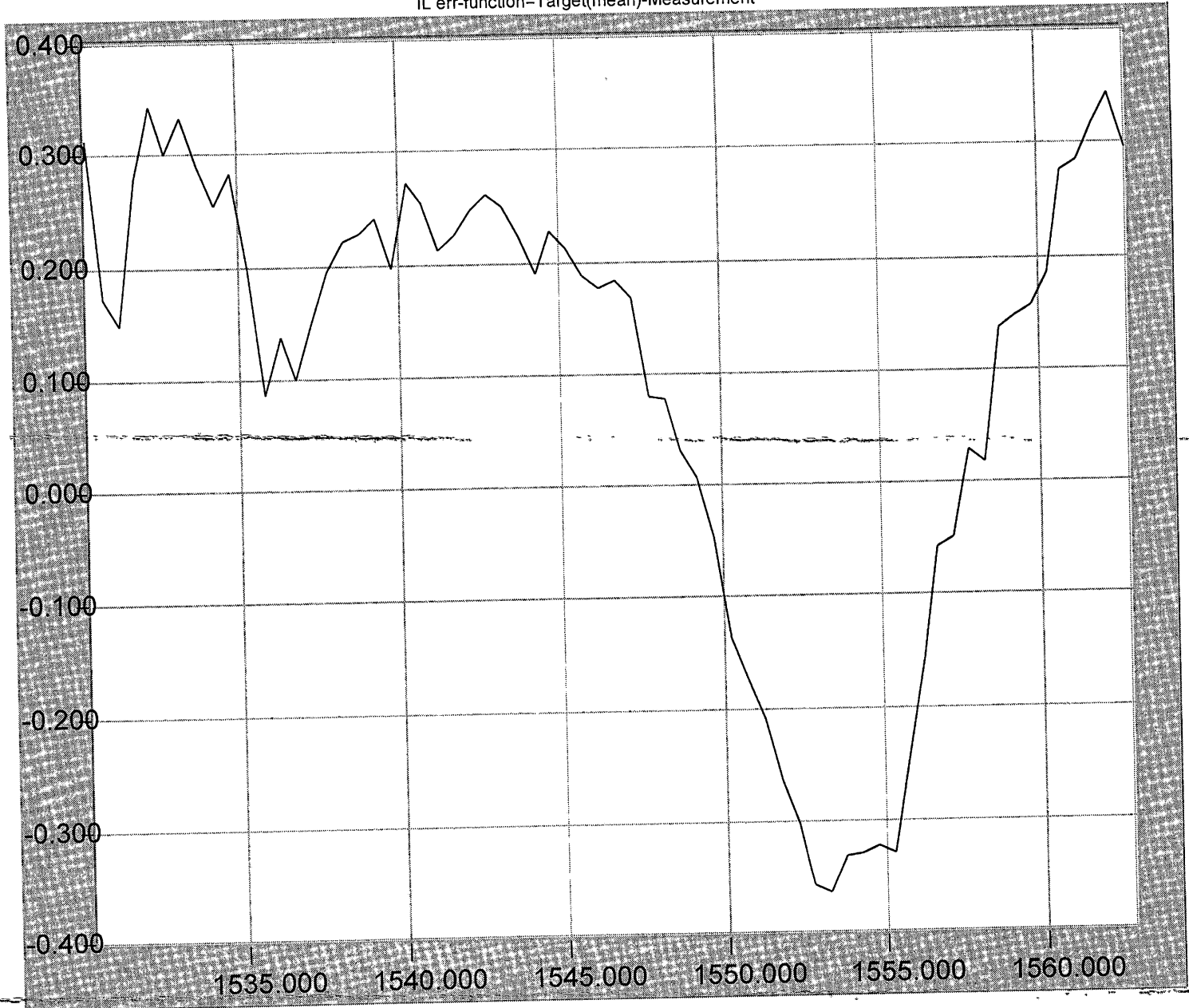


Name	(Start WL ~ Stop WL)	IL@Start WL	IL@Stop WL	Center WL	Min DIFF	Max DIFF
BR0UT	(1530.250 ~ 1562.750)	1530.250	1562.750	1537.933	1554.250	1532.250
	(-0.347 ~ -5.998)	-2.612	-4.178	-0.426	-0.328	0.305
BAND	(1530.250 ~ 1562.750)	1530.250	1562.750	1538.058	1553.250	1562.250
	(-0.319 ~ -6.019)	-2.487	-3.864	-0.325	-0.365	0.345
BRIN	(1530.250 ~ 1562.750)	1530.250	1562.750	1557.302	1550.250	1558.250
	(10.749 ~ -4.384)	-2.613	10.749	10.724	-0.144	16.650

Technician: 190
 Device S/N: 38A199001638

Date: 7/29/99
 Model Name: SCD1103

Filter Channel @BAND(1530.250 ~ 1562.750) at 55 Celsius
 IL err-function=Target(mean)-Measurement



Name	(Start WL ~ Stop WL)	IL@Start WL	IL@Stop WL	Center WL	Min.DIFF	Max.DIFF
BROUT	(1530.250 ~ 1562.750)	1530.250	1562.750	1537.933	1554.250	1532.250
	(-0.347 ~ -5.998)	-2.612	-4.178	-0.426	-0.328	0.305
BAND	(1530.250 ~ 1562.750)	1530.250	1562.750	1538.058	1553.250	1562.250
	(-0.319 ~ -6.019)	-2.487	-3.864	-0.325	-0.365	0.345
BRIN	(1530.250 ~ 1562.750)	1530.250	1562.750	1557.302	1550.250	1558.250
	(10.749 ~ -4.384)	-2.613	10.749	10.724	-0.144	16.650