

# FILTER WDM FINAL TEST REPORT



**MODEL NUMBER:** SCD-1043 (V50017-Q500-K800)  
**SERIAL NUMBER:** 31A100011382  
**PACKAGE TYPE:** CYLINDRICAL  
**FIBER TYPE:** 9 / 125 / 250  
**PIGTAIL LENGTH (m):** 0.8 M  
**CABLE TYPE:** TIGHT BUFFER  
**CONNECTOR TYPE:** NONE



**Light Source Used:** LED  
**OSA used:** HP70004A

Port	$\lambda$	1537.89	to	1543.24	nm	1530.03	to	1535.34	nm		to		nm
<b>1</b>		<b>Isolation</b>				<b>Insertion Loss</b>				<b>Isolation</b>			
	Measured	13.88 dB Min				0.31 to 0.75 dB				dB Min			
	Required	dB Min				1.00 dB Max				dB Min			
						<b>PASS</b>							
<b>2</b>		<b>Insertion Loss</b>				<b>Isolation</b>				<b>Insertion Loss</b>			
	Measured	0.42 to 0.72 dB				12.15 dB Min				to dB			
	Required	1.00 dB Max				dB Min				dB Max			
		<b>PASS</b>											

**Comments:**

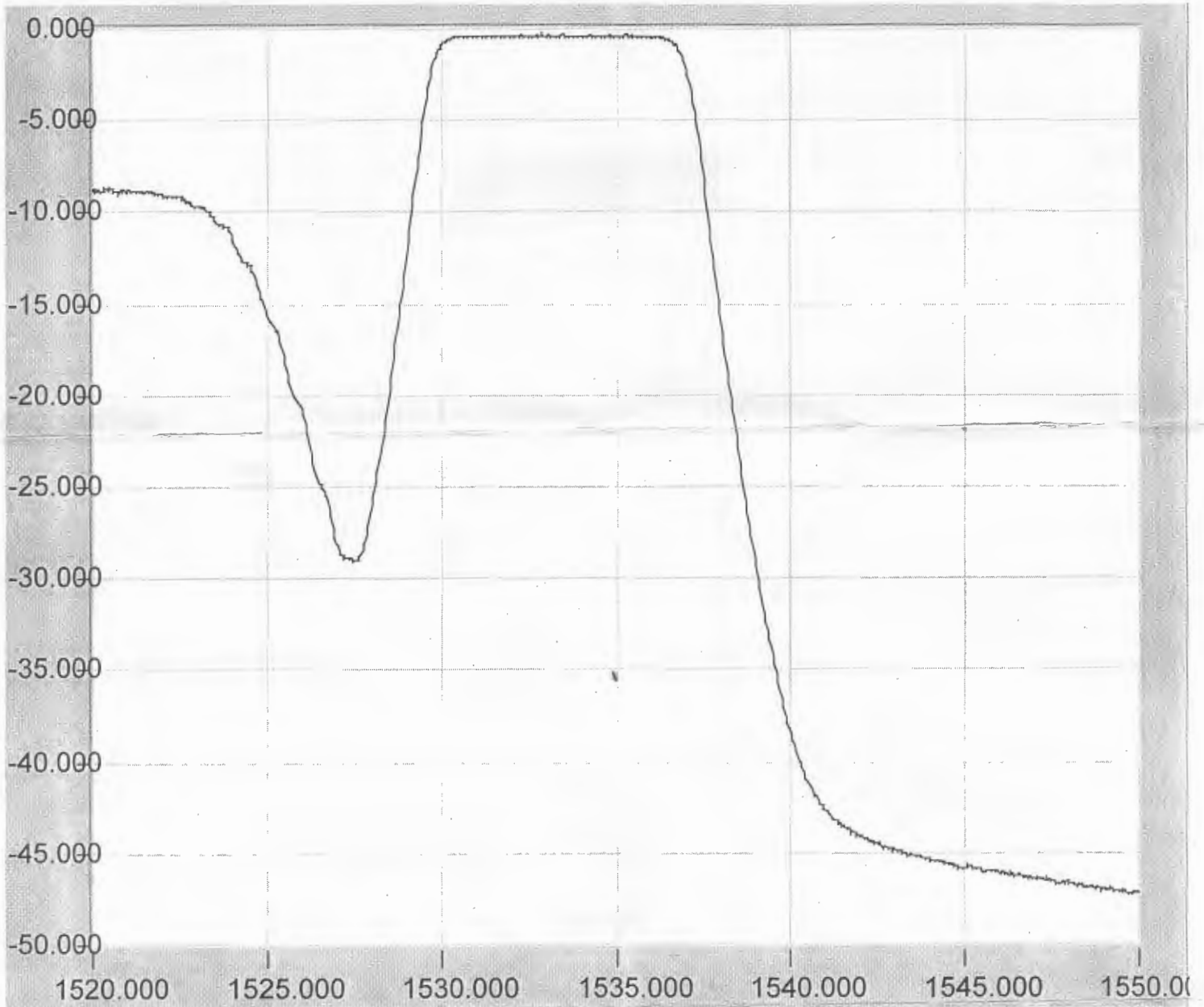
All wavelengths measured in vacuum  
 Back Reflection < -50 dB  
 Polarization Dependent Loss (PDL) < 0.1 dB @ Center of Pass Band

Inspector ID: 640

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DROP @All Bands at Room temperature  
Normalized Trace



Name	(Start WL ~ Stop WL)	IL@Start WL	IL@Stop WL	Center WL	Left Isolation	Right Isolation
DROP	(1530.030 ~ 1535.340)	1530.030	1535.340			(1537.890 ~ 1543.240)
	(-0.310 ~ -0.747)	-0.747	-0.393	1532.685		(-13.882 ~ -44.998)