

Photonetics TUNICS-PRI Test Summary

Basic Stats

Total Spectral Range:	1470nm to 1599nm
Wavelength Reading Settings:	nm and GHz
Scan / Wavelength Adjust Time:	Avg. 1-3 Seconds
Wavelength Accuracy:	+1 nm
Maximum Output Power:	9.0 dBm @ 1550nm
Power Reading Settings:	mW and dBm
Power Adjustment Modes:	APC and Constant Current
Power Level Accuracy:	-0.5 dBm
Sweep Mode:	Yes, user setting start wavelength, stop wavelength, delta wavelength, and dwell time
Optical Connector:	FC/APC

Scanning Test Results

1470nm to 1599nm @ APC -5.0 dBm
(shown on right)

1500nm to 1599nm @ CC 60 mA

1525.3nm to 1565.8 @ APC 2 dBm
(True wavelength scanning at 2 dBm can go longer, but HP 86120C detects higher side lobe levels that it doesn't register)

