

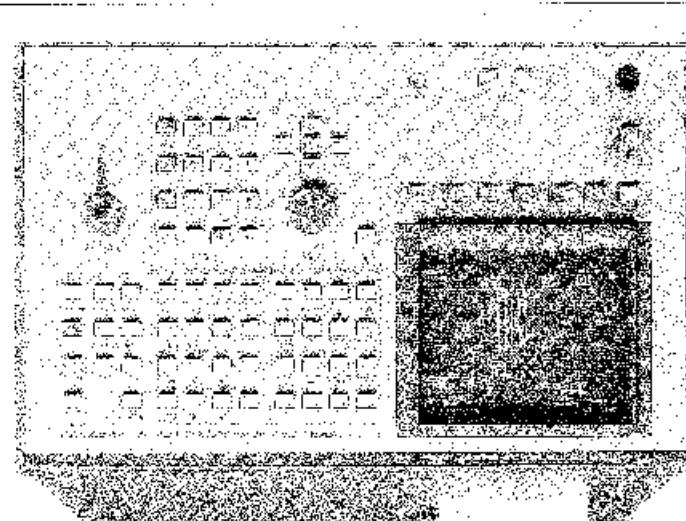
The LULU-Euler model produces wavefunctions from the scattering of incident waves from the boundaries.

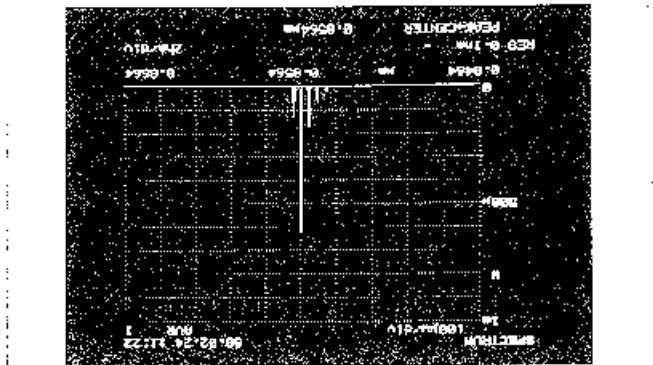
These sequences also avoid having all of its operation times, such as the ceiling operation, within a single peak block in order to keep the overhead low and decrease search time.

Guaranteed wide dynamic range (very high level): The 25 and 30 Gbit/s serial links support the MS8000-3's guaranteed wide dynamic range (GDDR) mode. This mode is achieved by using a specialized memory interface that measures the signal-to-noise ratio (SNR) of the received data and automatically adjusts the receiver's gain and noise reduction levels to maintain a minimum SNR. This results in a significant improvement in signal quality and reliability, especially in challenging environments where signal degradation is a concern.

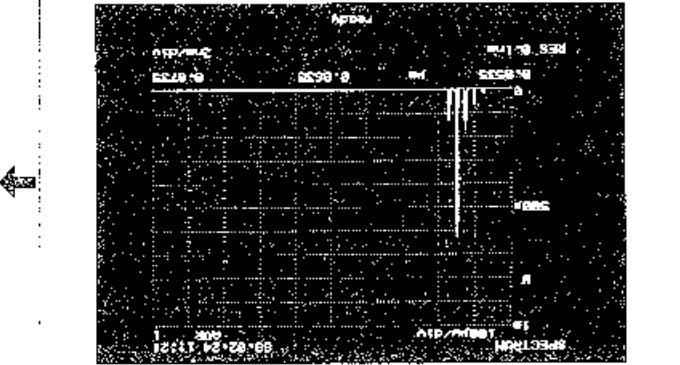
The absolute optical gain of a grating-based $\lambda + \Delta$ DBF using a deblender is plotted in Figure 8(a). The measured absolute optical gain is $10\log_{10}(A_{\text{out}}/A_{\text{in}}) = 10.2 \pm 0.2$ dB, which is in good agreement with the theoretical value of 10.2 ± 0.2 dB.

High-speed sweep A 1.6-sec CHU period is 0.8 seconds if $\alpha = 0.2$ in sweep mode; high-speed sweep spectra stability and needed opening of high-energy dynamics can be measured.

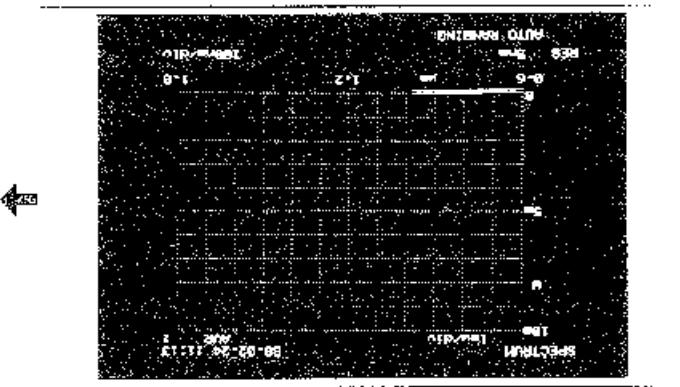
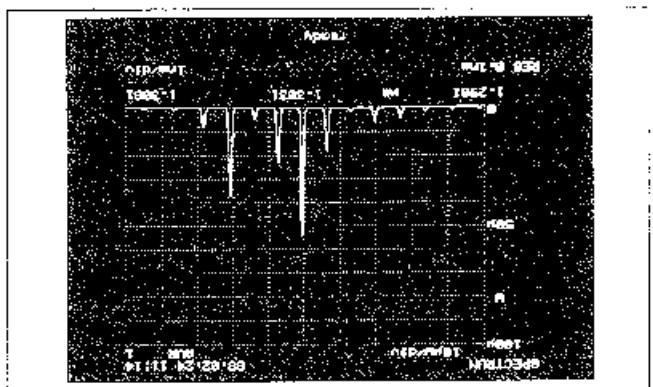




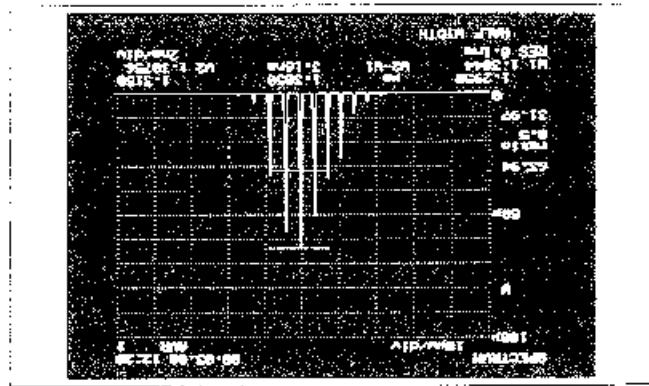
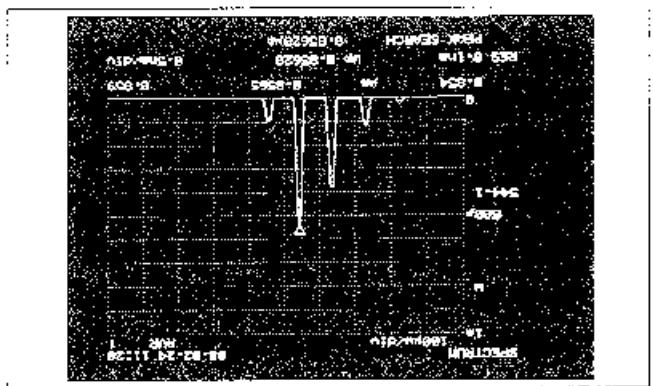
a Peak width automatic reading function
b Peak search function



c Peak center function
d Vertical scale of the time axis and peak wavelength to the center



e Spectrum auto ranging function
f Vertical scale of the frequency axis and peak wavelength displayed on the CRT.



g Width is displayed on the CRT. When the width is measured, the width value is displayed on the CRT.
h A marker is displayed on the CRT. When a marker is displayed on the CRT, the width value is displayed on the CRT.

i A marker is displayed on the CRT. When a marker is displayed on the CRT, the width value is displayed on the CRT.

