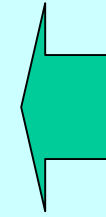
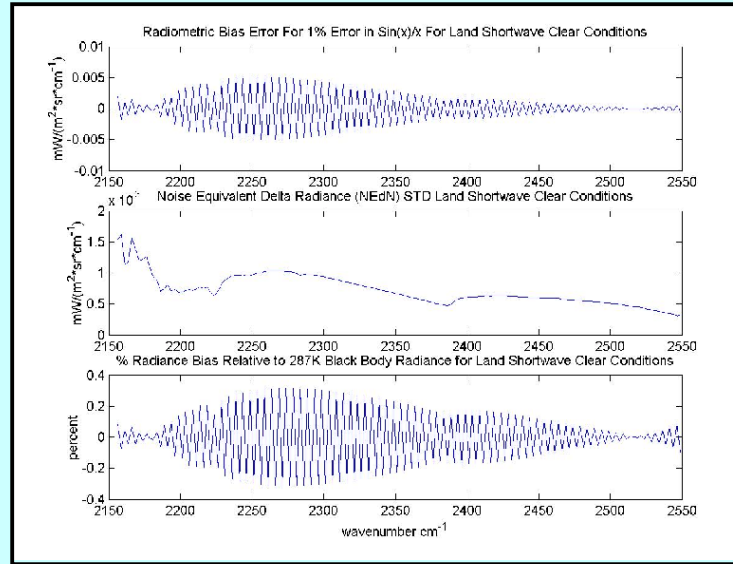
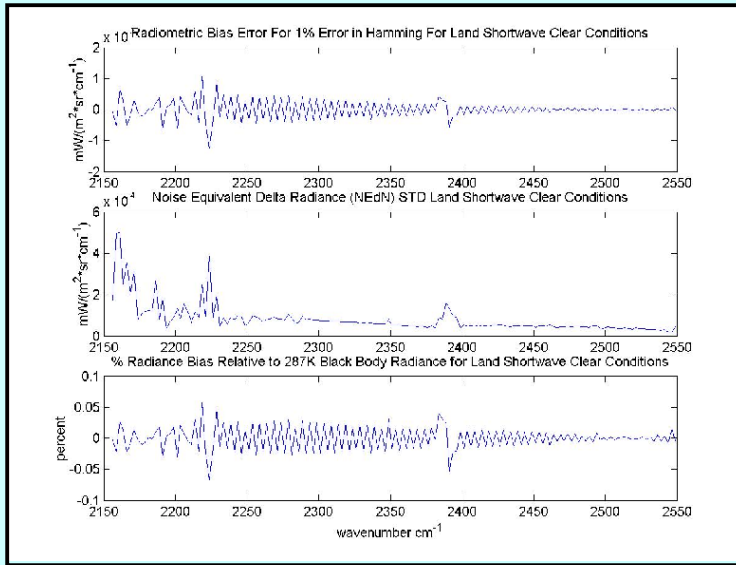
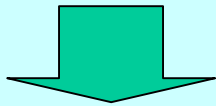


ILS Knowledge & Apodization

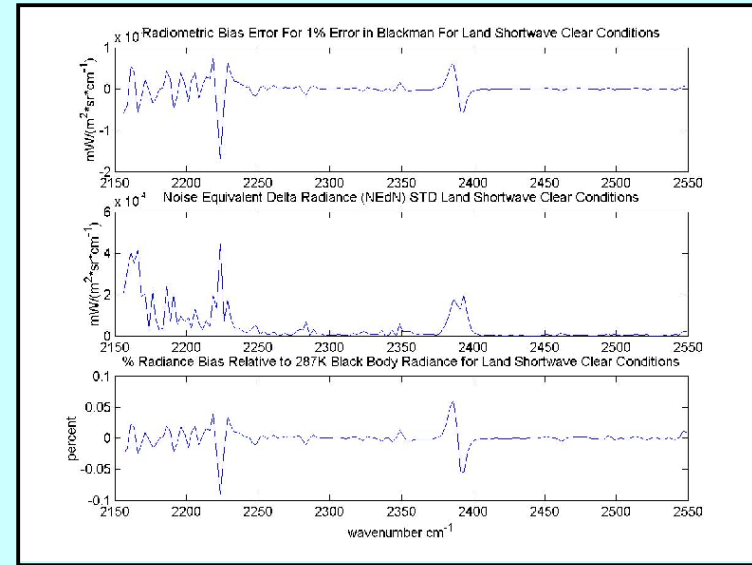
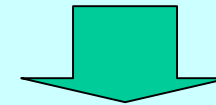
Comparison of Apodization Effect (Short Wave Band, Land Surface, Cloud Free)

Bias Errors Drop as Much as 10 Times Using Hamming Window



Unapodized Case with 1% ILS Uncertainty

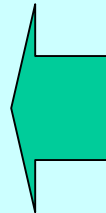
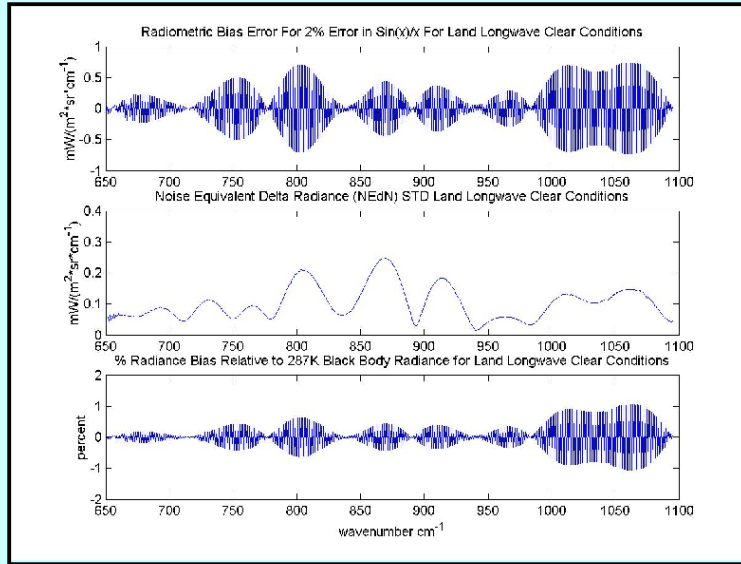
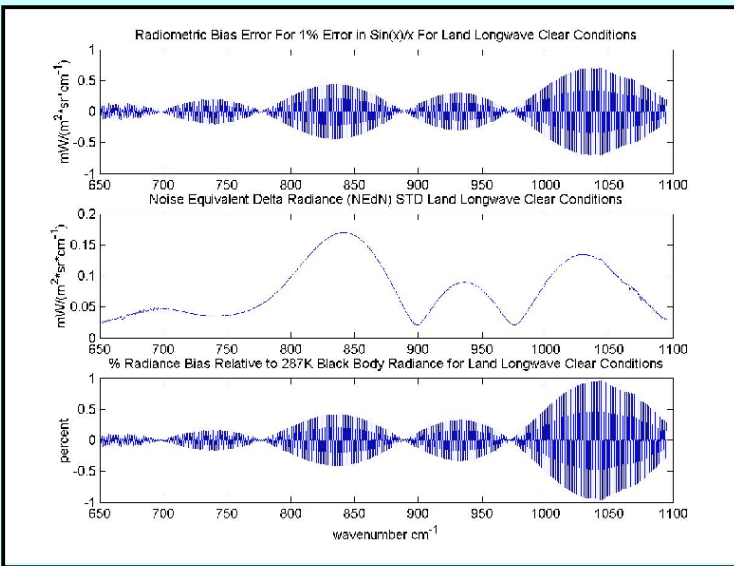
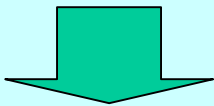
Blackman-Harris Yields Additional Improvement Over Hamming



ILS Knowledge & Apodization

Radiance Error Tracks ILS Error for Unapodized Case (Long Wave Band)

1% ILS Error Yields 1% Radiometric Bias (worse case)



2% ILS Error Yields 1% Radiometric Bias (worse case)

0.25% ILS Error Yields 0.25% Radiometric Bias (worse case)

