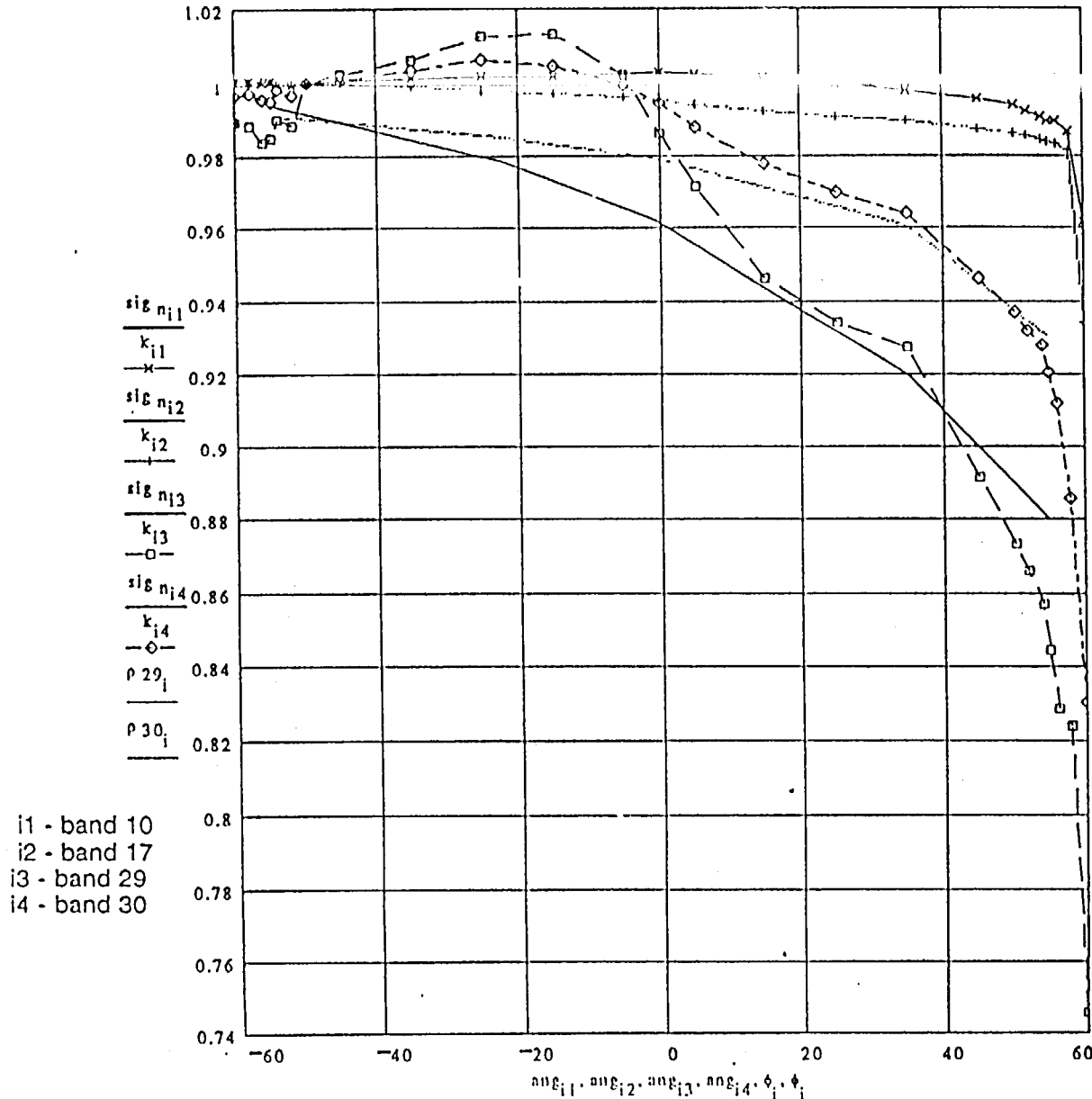


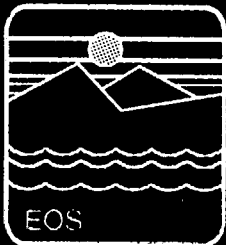
- Preliminary Data Reduction
- IAC Polarization May Be Contributing To Non-Uniformity
- Extreme Angle Response Correlates With Model



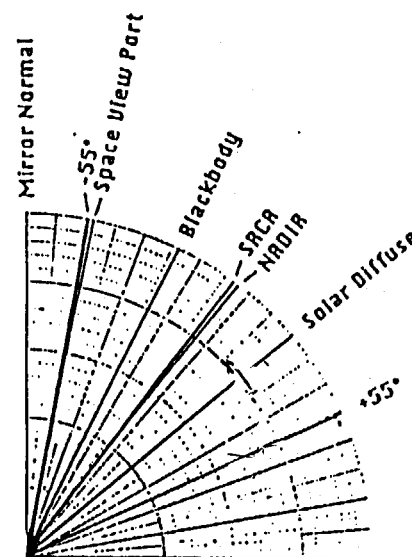
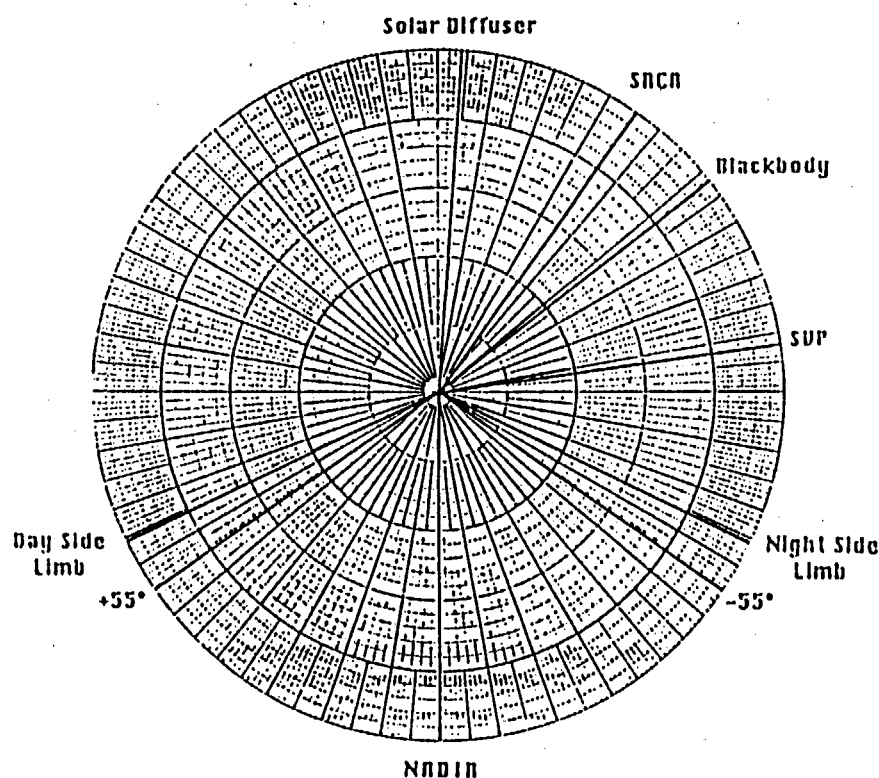
SANTA BARBARA RESEARCH CENTER
a subsidiary

Modelled And Measured Response Vs Field Angle





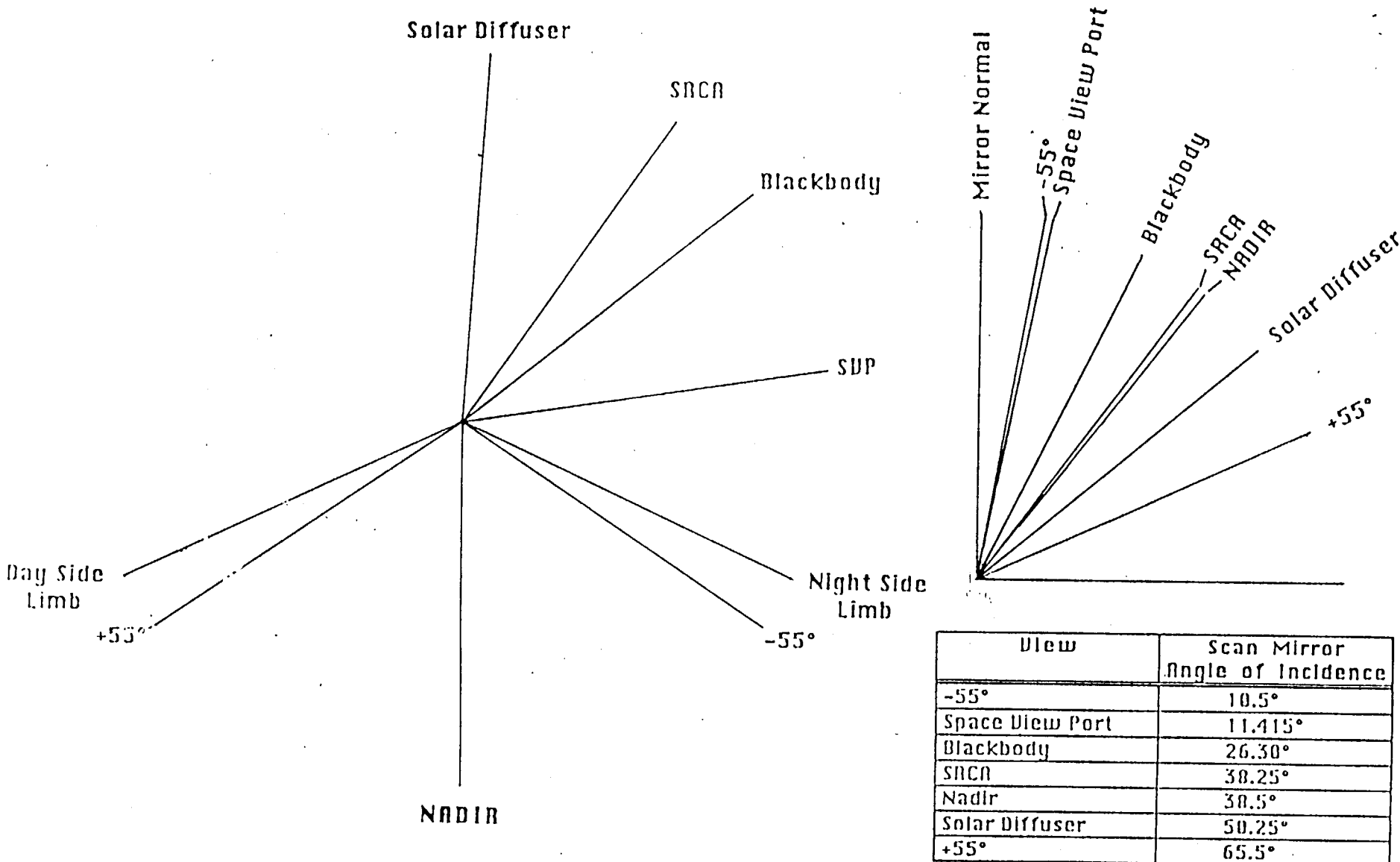
Relationship Between MODIS Scan Angle and Scan Mirror AOI



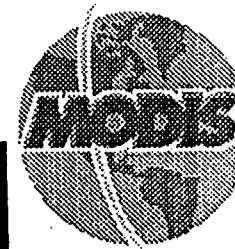
View	Scan Mirror Angle of Incidence
-55°	10.5°
Space View Port	11.415°
Blackbody	26.30°
SINC	30.25°
Nadir	30.5°
Solar Diffuser	50.25°
+55°	65.5°

-55 degree Earth View and the Space View port have nearly equal Scan Mirror Angles of Incidence

MODIS View Angles and Scan Mirror Angles of Incidence

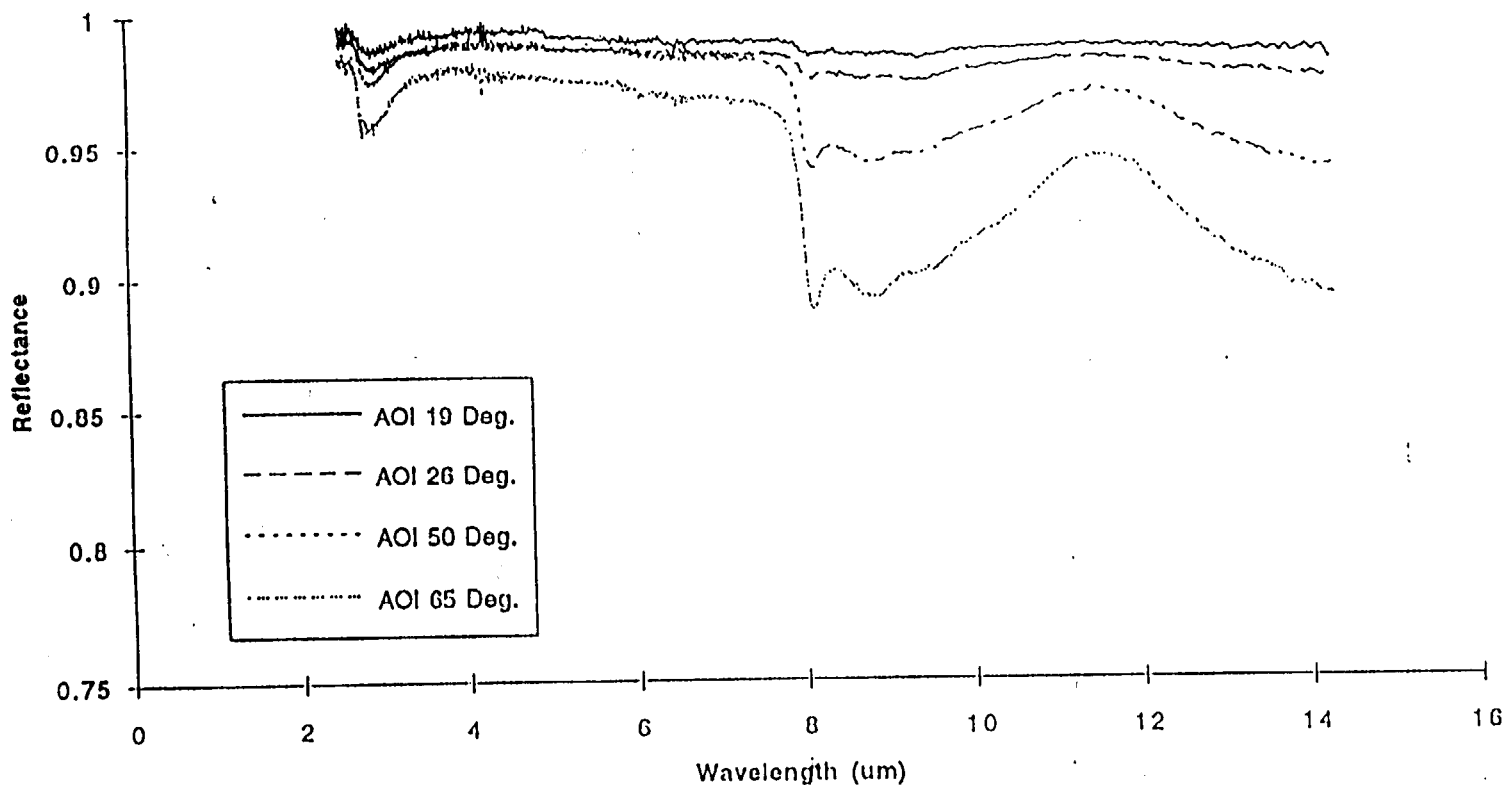


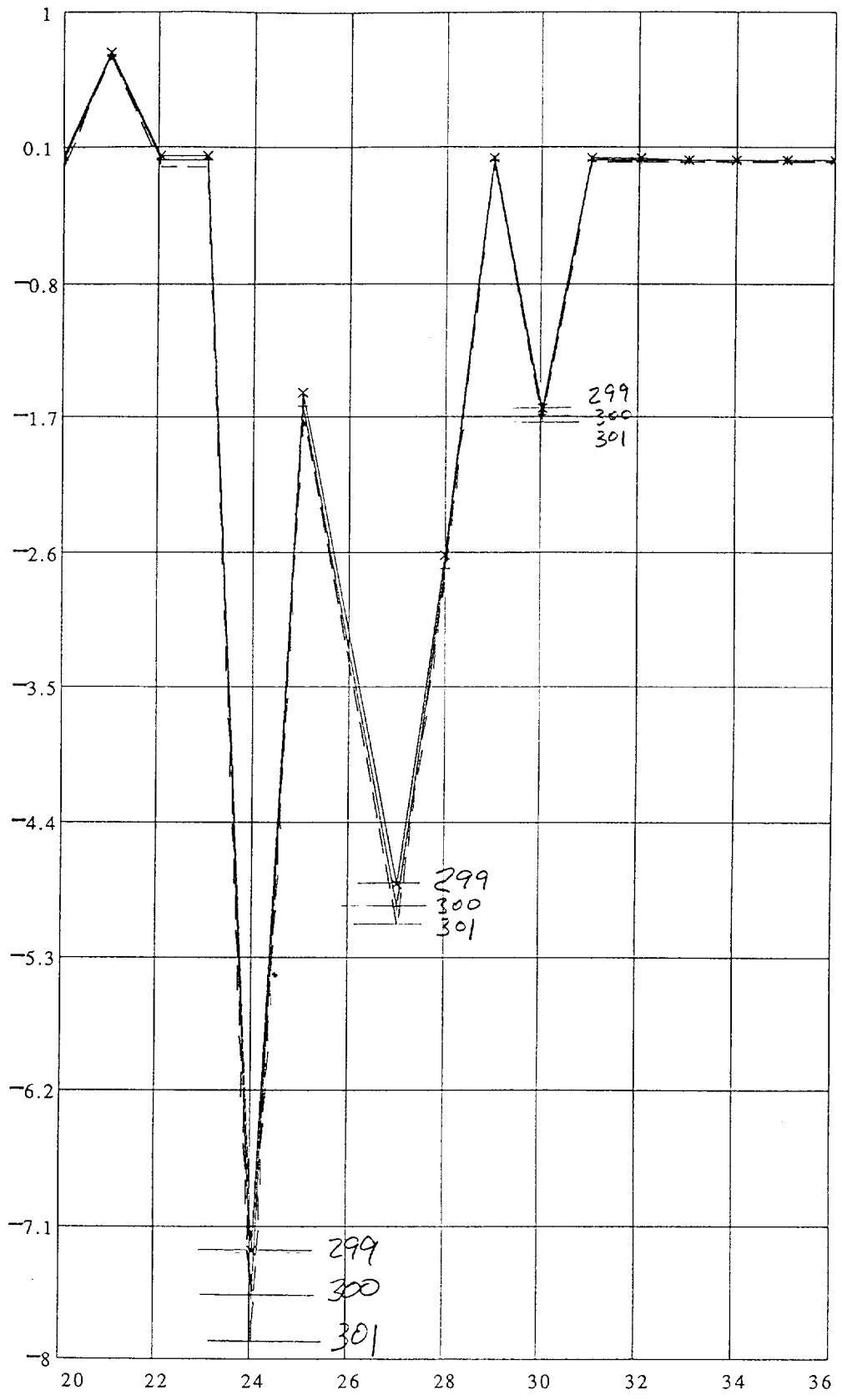
-55° Earth View and the Space View Port Have Nearly Equal Scan Mirror Angles of Incidence.



Scan Angle Effect Witness Sample Measurements by Lincoln Labs

Measured Mirror Reflectance vs. Wavelength
Ave. Polarization





MODIS Band Number

Radiometric error (%) resulting from a 1% uncertainty in scan angle reflectance measurement for Scan Mirror temperatures 299K, 300K, and 301K (top to bottom).