

ACIS Verification Summary Report

Specification:	ACIS Contract End Item Specification
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Requirement Number/Title:	3.2.2.5 Fiducial Lights (VRSD 3.2.2.5-4)
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Requirement Statement: The instrument shall provide alignment stability of the fiducial light mounting plane consistent with the requirements of paragraph 3.2.1.4.2.2 of the SI ICD.

Verification Method:	Analysis
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Procedure Number: ACIS Verification Report ACIS-110-24VR

Configuration:
ACIS Instrument Mounted in ISIM

Cycle Time: N/A

Verification Discussion/Results:

The fiducial light mounting plane has been shown to meet the requirements specified above in ACIS Verif. Report ACIS-110-A-24VR. The axial locations are as specified in ICD drawing 301438 and actual locations have been verified in ACIS-110-A-24VR. The angular location stability requirements for the fiducial light mounting plane are better than those for the focal plane which easily meets the angular stability requirements specified in paragraph 3.2.1.4.2.2 of the ICD. The fiducial light mounting plane has fewer mechanical and thermal interfaces between it and the ISIM and therefore will have better alignment stability than the focal plane. Therefore, the fiducial light mounting plane meets all the requirements of paragraph 3.2.2.5 and no further discussion is required.


 ACIS Cognizant Engineer

6/2/97

Date