

ACIS Verification Summary Report

Specification:	AXAF Observatory to Science Instrument ICD (IF1-20)
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Requirement Number/Title:	3.2.1.5.1 Location of Fiducial Lights (VRSD 3.2.1.5.1-3)
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Requirement Statement:	SI shall provide a clear field of view of the fiducial lights.
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Verification Method:	Analysis
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Procedure Number:	ACIS Verif. Rpt ACIS-110-A-24VR
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Configuration:

ACIS Instrument Mounted in ISIM

Cycle Time:	N/A
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Verification Discussion/Results:

The verification of this requirement has been previously documented in ACIS-110-A-24VR. The analysis shows that the fiducial lights will not irradiate any portion of the Detector Assembly or collimator. The analysis was performed by creating a worst case 3 dimensional fiducial light beam model for each fid light and extending the beam until it was out of the 3D collimator assembly. The fiducial light beams did not interfere with any part of the Detector Assembly or collimator. This analysis meets the requirements of paragraph 3.2.1.5.1 and no further discussion is required.

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5/2/97
Date