

ACIS Verification Summary Report**Specification:**

AXAF Observatory to Science Instrument ICD (IF1-20)

Requirement Number/Title:

3.3.1.1.1.9a ACIS DA Thermal Interfaces (VRSD 3.3.1.1.1.9a)

Requirement Statement: The maximum S/S gradient that the collimator attach fittings will see shall be assumed to be -1.4 °C/in in the Z direction and -0.4 °C/in in the Y direction.

Verification Method:**Analysis****Procedure Number: Verification Report LMA Report # ACIS-110-A-24VR****Configuration:**

ACIS Instrument installed in ISIM

Cycle Time: N/A**Verification Discussion/Results:**

This requirement was verified by analysis as documented in the Detector Housing Alignment Analysis Report (ACIS-110-A-24VR). The gradients listed in the requirements above were accounted for in the analysis and both static and dynamic alignment requirements were met. Therefore the requirements of paragraph 3.3.1.1.1.9a have been satisfied.

Neil W. Jue 5/28/97
 ACIS Cognizant Engineer Date