

ACIS Verification Summary Report

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| Specification: | AXAF Observatory to Science Instrument ICD (IF1-20) |
| Requirement Number/Title: | 3.3.1.1.1.2.2b Support Structure to Translation Table Thermal Conductance (VRSD 3.3.1.1.1.2.2 b) |

Requirement Statement: For thermal analysis the thermal conductance of ACIS wiring to the translation table shall be assumed to be $\leq 0.05 \text{ W/}^\circ\text{C}$ (TBR)

Verification Method: *Analysis*

Procedure Number: *N. A.*

Configuration: *Support Structure to Translation Table Interface, including cabling interfaces*

Cycle Time: *N. A.*

Verification Discussion/Results:

The MIT ACIS thermal models do not include any conductances between the ACIS cables and the translation table, therefore, one can document that any such conductances are equal to zero ($0 \leq .05 \text{ W/}^\circ\text{C}$).

Ellen M. Sen 5/20/97
 ACIS Cognizant Engineer Date