

ACIS Verification Summary Report

Specification:	ACIS Contract End Item Specification
Requirement Number/Title:	3.7.4.4.2 Bonding (VRSD 3.7.4.4.2)
Requirement Statement: Instrument structure and equipment mounting shall be electrically bonded in accordance with MIL-B-5087 and Observatory to Science Instrument ICD paragraph 3.5.3.2.2.	
Verification Method:	Verification of Records
Procedure Number:	
Configuration:	
Cycle Time:	
Verification Discussion/Results:	
<p>The ACIS Instrument structural members and equipment mounting are all conversion coated per MIL-C-5541, class 3. Class 3 coatings (typically Alodine or Iridite) are electrically conductive. Conversion coatings are required on the individual item drawings. Each of these drawings is reviewed by all applicable disciplines prior to release into the configuration control system. Structural members and equipment mountings are typically joined with stainless steel fasteners, providing additional positive conductive paths. Joined housings and structural members have been tested by Quality Assurance to confirm electrical continuity. The ACIS Instrument conforms with MIL-B-5087 and the Observatory to Science Instrument ICD, paragraph 3.5.3.2.2.</p>	


 ACIS Cognizant Engineer

5/15/97
 Date