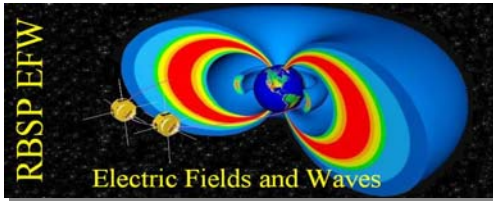


See RBSP_EFW_AXB_046 attached.



RBSP EFW AXB
Exposed Isolator Report
RBSP-EFW-AXB-046

Jeremy McCauley
University of California, Berkeley
Revision A

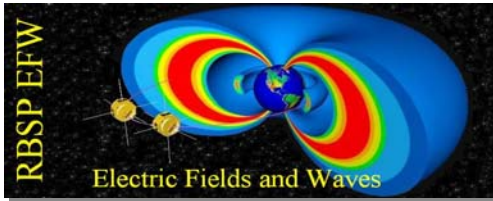
Signature Page

AXB Approval: _____
Jeremy McCauley, RBSP EFW AXB Lead

Science Approval: _____
Dr. John Bonnell, RBSP EFW CoI

Change Record

Date	Revision	Description
9/29/2009	A	Baseline Release



0. APPLICABLE DOCUMENTATION

The following documents are applicable to the extent specified herein. In the event of a conflict, the requirements of this document shall govern.

0.1 PROJECT DOCUMENTS

7417_9096 RBSP_EFW_PA_004	APL Flow Down Matrix
7417_9018	RBSP EMECP - Electromagnetic Environment Control Plan
RBSP_AXB_MEC_001	AXB Assembly
RBSP_EFW_AXB_002E	RBSP EFW AXB Wiring Schematic
RBSP_EFW_SYS_001	RBSP EFW Mission Requirements Document
RBSP_EFW_PA_001B	RBSP EFW Performance Assurance Implementation Plan

1. Introduction

This document is a report of exposed isolators on the RBSP EFW AXB. These isolators are important to track as they may adversely influence the electrical fields around the sensor.

2. Terms

For the case of this report, an exposed isolator is defined as an isolator with some line of sight to the exterior of the spacecraft, i.e., without any coating or metallic component covering it.

3. Items

Item Name:	Material:	Quantity:	Exposed Surface Area: (sq.in.)
Sphere Clamp	PEEK	4	0.040
Whip Hinge Washer	Vespel SP3	2	0.024
DAD Lock Wheel Retainer	Delrin	12	0.042
Stacer Canister Isolator	PEEK	1	0.260

Total Exposed Area: 0.972 sq. in.