RWA	Reaction Wheel Assembly
SAAD	South Atlantic Anomaly Detector
SEDB	Systems Engineering Data Base
SEMP	Systems Engineering Management Plan
SI	Science Instrument
SIAH	Science Instrument Accommodation Housing
SIM	Science Instrument Module
SOW	Statement of Work
SPL	Sound Pressure Level
SRM&QA	Safety, Reliability, Maintenance & Quality Assurance
SSE	Space Support Equipment
STE	Special Test Equipment
STS	Space Transportation System
TBD	To Be Determined
TBR	To Be Revised
TBS	To Be Supplied
TCS	Thermal Control System
TDRSS	Tracking and Data Relay Satellite System
TEC	Thermoelectric Cooler
TGS	Transmission Grating Spectrometer
TS	Telescope System
vdc	volts direct current
WBS	Work Breakdown Structure
WIP	Work In Progress
XRCF	X-Ray Calibration Facility
XRS	X-ray Spectrometer

MP	Master Plan
MSB	Most Significant Bit
MSFC	Marshall Space Flight Center
MSOCC	Multi-Satellite Operations Control Center
mV	millivolt
NA	Not Applicable/Available
NASA	National Aeronautics and Space Administration
NSTS	National Space Transportation System
OBA	Optical Bench Assembly
OBC	On-Board computer
OCC	Payload Operations Control Center
OD	Operations Directive
OGM	Objective Grating Mechanism
ORU	Orbital Replaceable Unit
OTG	Objective Transmission Grating
PCAD	Pointing Control and Aspect Determination
PCM	Program Change Manager
PDIS	Power, Digital & Integrating Structure
PDR	Preliminary Design Review
PMP	Parts Materials & Processes
PRD	Program Requirements Document
PRR	Preliminary Requirements Review
PS	Power Supply
PSF	Point Spread Function
PTS	Power and Thermal-Control Structure
QA	Quality Assurance
RAM	Random Access Memory
RCTU	Remote Command and Telemetry Unit
RFC	Request for Change
RFI	Radio Frequency Interference
RID	Review Item Discrepancy
ROM	Read Only Memory

HEG	High Energy Grating
HETG	High Energy Transmission Grating
HMSS	HRMA Module Support Structure
HRC	High Resolution Camera
HRMA	High Resolution Mirror Assembly
Hz	Hertz
I/F	Interface
IC	Integrated Circuit
ICD	Interface Control Document
ICS/E	Item Change Schedule/Estimate
ID	Identification
IEP	Instrument Engineering Plan
IPI	Instrument Principal Investigator
IRD	Interface Requirements Document
IS	Integrating Structure
JSC	Johnson Space Center
JU	Job Unit
kbps	kilobits per second
keV	kilo electron Volt
km	kilometer
KSC	Kennedy Space Center
LETG	Low Energy Transmission Grating
LOS	Line of Sight
LSB	Least Significant Bit
μ	micro (10^{-6})
MA	milliamp
MEL	Master Equipment List
MGSE	Mechnical Ground Support Equipment
min	minimum
MIT	Massachusetts Institute of Technology
MLI	Multi-Layer Insulation
MMAG	Martin Marietta Astronautics Group

DDT&E	Design, Develop, Test & Evaluate
DEA	Detector Electronics Assembly
DH	Detector Housing
DPA	Digital Processing Assembly
DPS	Detector and Processor Subsystem
DR	Data Requirements
ECM	Engineering Change Manager
ECP	Engineering Change Proposal
EEE	Electrical, Electronic and Electromagnetic
EGSE	Electrical Ground Support Equipment
EMC	Electromagnetic Compatibility
EMI	Electromagnetic Interference
EPD	Engineering Procedures Directive
EPS	Electrical Power Subsystem
ETR	Eastern Test Range
EU	Engineering Unit
eV	Electron Volt
EVA	Extravehicular Activity
FLCA	Fiducial Light Controller Assembly
FMEA	Failure Mode Effects Analysis
FOV	Field of View
FPA	Focal Plane Array
FPSI	Focal Plane Science Instrument
FRACAS	Failure Reporting and Corrective Action System
FU	Flight Unit
FWHM	Full Width Half Maximum
g	Gravity
GESS	Grating Element Support Structure
GFE	Government Furnished Equipment
GSE	Ground Support Equipment
GSFC	Goddard Space Flight Center
HEAO	High Energy Astronomical Observatory

ABBREVIATIONS

ACIS	AXAf-I CCD Imaging Spectrometer
AFD	Aft Flight Deck
ATP	Authority to Proceed
AXAF	Advanced X-ray Astrophysics Facility
AXAF-I	Advanced X-ray Astrophysics Facility-Imaging Mission
BER	Bit Error Rate
BOD	Bright Object Detector
BOE	Basis of Estimate
C&DM	Configuration and Data Management
CCCB	Contractor Configuration Control Board
CCD	Charge Coupled Device
CDM	Command and Data Management
CDR	Critical Design Review
CDS	CCD Detector Subsystem
CEI	Contract End Item
CEIS	Contract End Item Specification
CFE	Contractor Furnished Equipment
CI	Configuration Item/Inspection
cm	Centimeter
CMS	Command Management System
COD	Change Order Directive
CPA	Change Proposal Authorization
CPU	Central Processing Unit
CSR	Center for Space Research
CTD	Charge Transfer Device
DA	Detector Assembly
DASS	Detector Assembly Support Structure
db	decibel
dc	direct current