

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58804 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 8 2012

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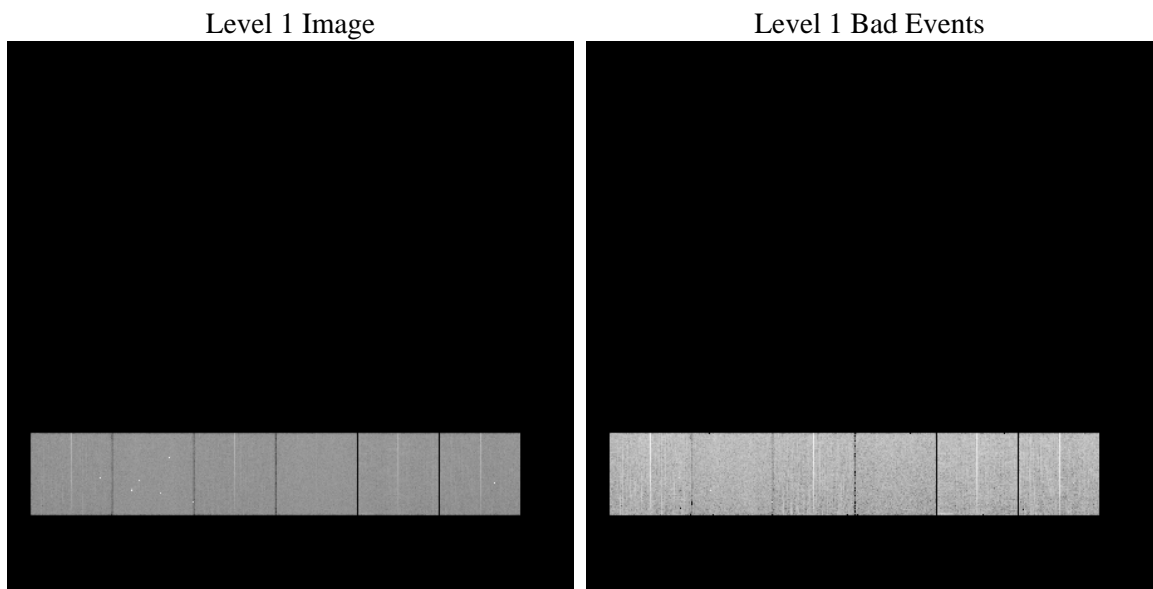
1 Front

seq_num	 	Sequence number
obs_id	58804	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	310.02431426808	Nominal RA [deg]
dec_nom	-17.02222412401	Nominal Dec [deg]
roll_nom	282.86845432723	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7794.4817091227	Sum of GTIs [s]
livetime	7695.7832884483	Livetime [s]
ontime4	7794.3585891128	Sum of GTIs [s]
ontime5	7794.4406691194	Sum of GTIs [s]
ontime6	7794.3996291161	Sum of GTIs [s]
ontime7	7794.4817091227	Sum of GTIs [s]
ontime8	7794.3175491095	Sum of GTIs [s]
ontime9	7794.522749126	Sum of GTIs [s]
l2events	833411	Number of level 2 events

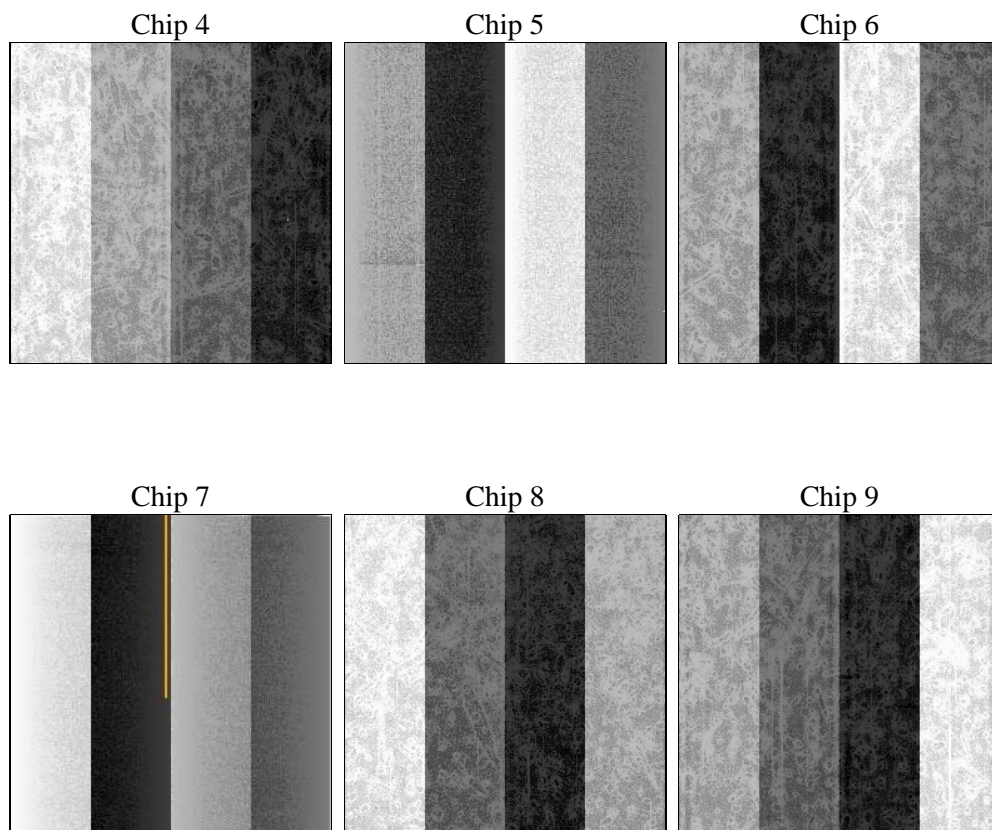
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	7794.4817091227	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7794.3585891128	Sum of GTIs [s]
date	2012-04-08T19:13:05	Date and time of file creation	ontime5	7794.4406691194	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7794.3996291161	Sum of GTIs [s]
			ontime7	7794.4817091227	Sum of GTIs [s]
			ontime8	7794.3175491095	Sum of GTIs [s]
			ontime9	7794.522749126	Sum of GTIs [s]
			l1events	1294198	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	206271	223680	209848	221340	223152	209907	grade 0 events	78716	35461	77253	36996	80674	77701
rejected events	70754	60899	66019	55038	70151	68930		38%	15%	36%	16%	36%	37%
rejected %	34%	27%	31%	24%	31%	32%	grade 1 events	689	472	467	154	515	574
								0%	0%	0%	0%	0%	0%
							grade 2 events	21132	56908	25286	36268	27348	23631
								10%	25%	12%	16%	12%	11%
							grade 3 events	9055	8748	8942	16433	10497	9158
								4%	3%	4%	7%	4%	4%
							grade 4 events	9176	8571	9097	15965	10157	9133
								4%	3%	4%	7%	4%	4%
							grade 5 events	3669	8882	3929	9551	4991	4302
								1%	3%	1%	4%	2%	2%
							grade 6 events	17438	53093	23251	60640	24325	21354
								8%	23%	11%	27%	10%	10%
							grade 7 events	66396	51545	61623	45333	64645	64054
								32%	23%	29%	20%	28%	30%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	310.0243142680814
[deg] Pointing Dec	0	-17.02222412400968
[deg] Pointing Roll	0.0	282.8684543272287
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	273686816.418625	273686815.39361
Observation start date	2006-09-03T16:06:56	2006-09-03T16:06:55
[s] Observation end time (MET)	273706455.419548	273706454.39454
Observation end date	2006-09-03T21:34:15	2006-09-03T21:34:14
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7944817091227

A.2 Comments