

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58213 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 1 2012

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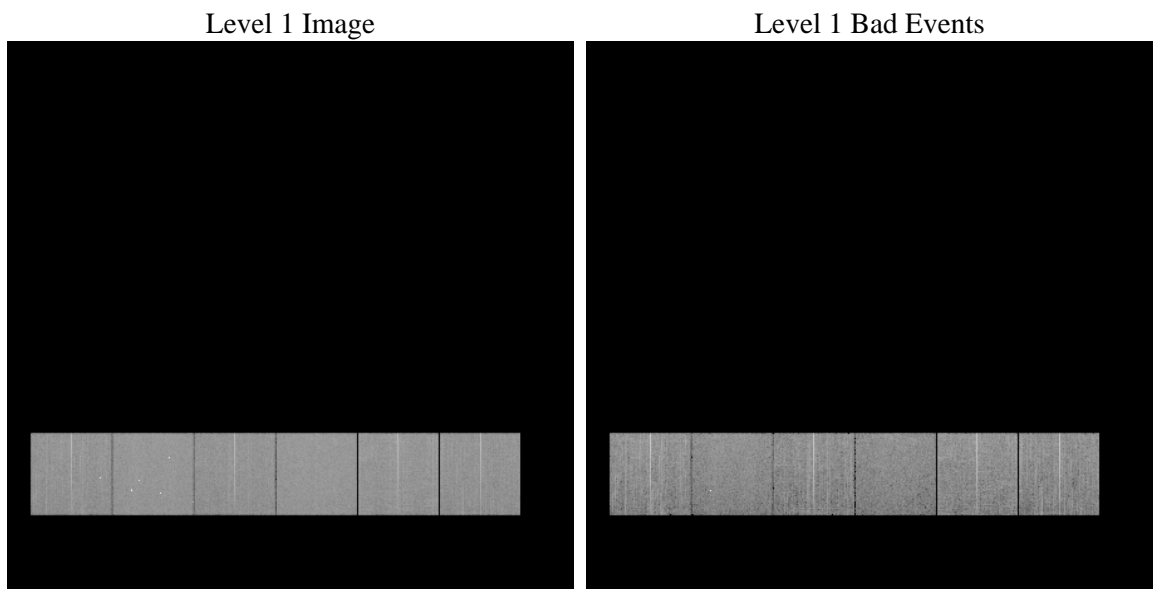
1 Front

seq_num	 	Sequence number
obs_id	58213	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	352.62686126607	Nominal RA [deg]
dec_nom	-33.118874877121	Nominal Dec [deg]
roll_nom	7.7377896538122	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7934.487023294	Sum of GTIs [s]
livetime	7834.0157710305	Livetime [s]
ontime4	7934.3639032841	Sum of GTIs [s]
ontime5	7934.4459832907	Sum of GTIs [s]
ontime6	7934.4049432874	Sum of GTIs [s]
ontime7	7934.487023294	Sum of GTIs [s]
ontime8	7934.3228632808	Sum of GTIs [s]
ontime9	7931.2870332003	Sum of GTIs [s]
l2events	691754	Number of level 2 events

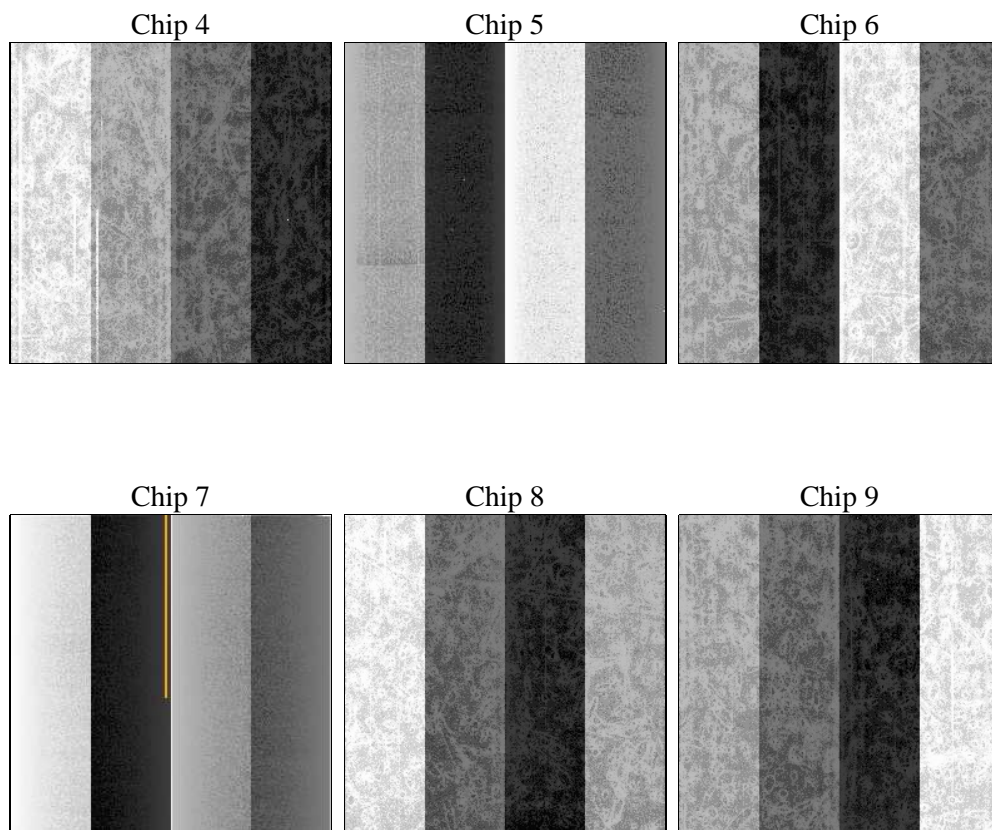
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7934.487023294	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7934.3639032841	Sum of GTIs [s]
date	2012-05-01T05:19:04	Date and time of file creation	ontime5	7934.4459832907	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7934.4049432874	Sum of GTIs [s]
			ontime7	7934.487023294	Sum of GTIs [s]
			ontime8	7934.3228632808	Sum of GTIs [s]
			ontime9	7931.2870332003	Sum of GTIs [s]
			l1events	1202082	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	192643	212593	189415	210144	208526	188761	grade 0 events	62881	26883	60966	30446	65582	59941
rejected events	84045	70198	75030	64337	80935	77865		32%	12%	32%	14%	31%	31%
rejected %	43%	33%	39%	30%	38%	41%	grade 1 events	635	250	377	192	495	467
								0%	0%	0%	0%	0%	0%
							grade 2 events	17248	50673	20382	31897	23229	19509
								8%	23%	10%	15%	11%	10%
							grade 3 events	7408	7021	7356	14101	9310	7350
								3%	3%	3%	6%	4%	3%
							grade 4 events	7516	6961	7509	14209	8927	7419
								3%	3%	3%	6%	4%	3%
							grade 5 events	4070	10313	4276	10853	5348	4794
								2%	4%	2%	5%	2%	2%
							grade 6 events	14081	51575	18790	55844	21222	17199
								7%	24%	9%	26%	10%	9%
							grade 7 events	78804	58917	69759	52602	74413	72082
								40%	27%	36%	25%	35%	38%

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	352.6268612660686
[deg] Pointing Dec	0	-33.11887487712082
[deg] Pointing Roll	0.0	7.737789653812222
[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)	305943770.90258	305943769.87757
Observation start date	2007-09-12T00:22:51	2007-09-12T00:22:49
[s] Observation end time (MET)	305966925.653695	305966924.62868
Observation end date	2007-09-12T06:48:46	2007-09-12T06:48:44
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.934487023294

A.2 Comments