

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58543 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 19 2012

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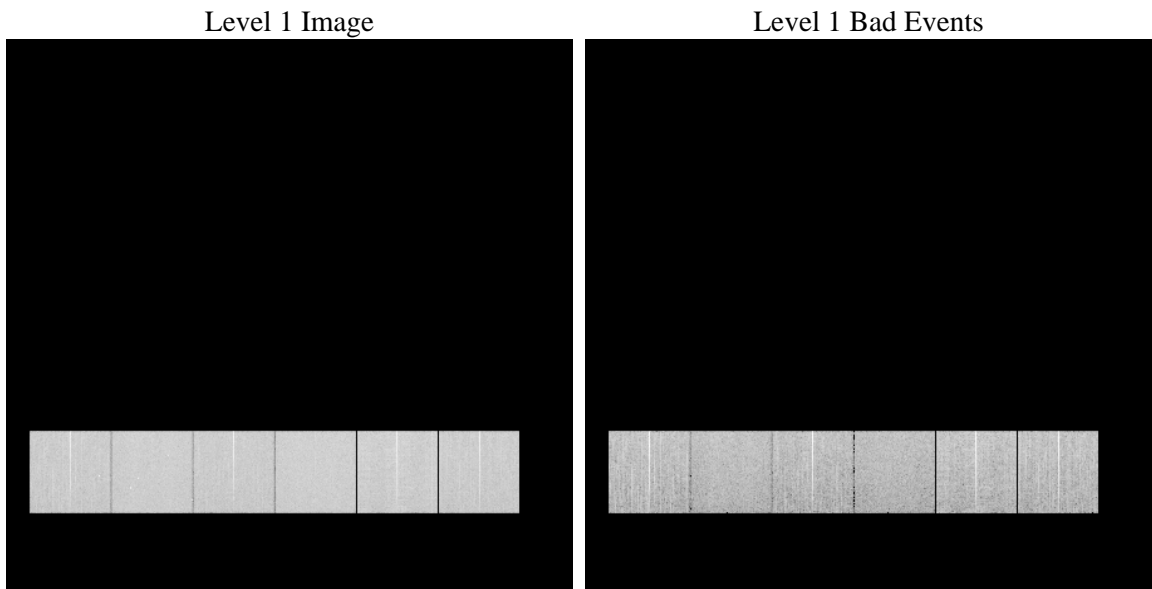
1 Front

seq_num	 	Sequence number
obs_id	58543	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	141.7643903443	Nominal RA [deg]
dec_nom	45.785539671489	Nominal Dec [deg]
roll_nom	177.32861358641	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8248.1826022863	Sum of GTIs [s]
livetime	8143.7391477169	Livetime [s]
ontime4	8248.0594822764	Sum of GTIs [s]
ontime5	8248.141562283	Sum of GTIs [s]
ontime6	8248.1005222797	Sum of GTIs [s]
ontime7	8248.1826022863	Sum of GTIs [s]
ontime8	8248.0184422731	Sum of GTIs [s]
ontime9	8248.2236422896	Sum of GTIs [s]
l2events	794687	Number of level 2 events

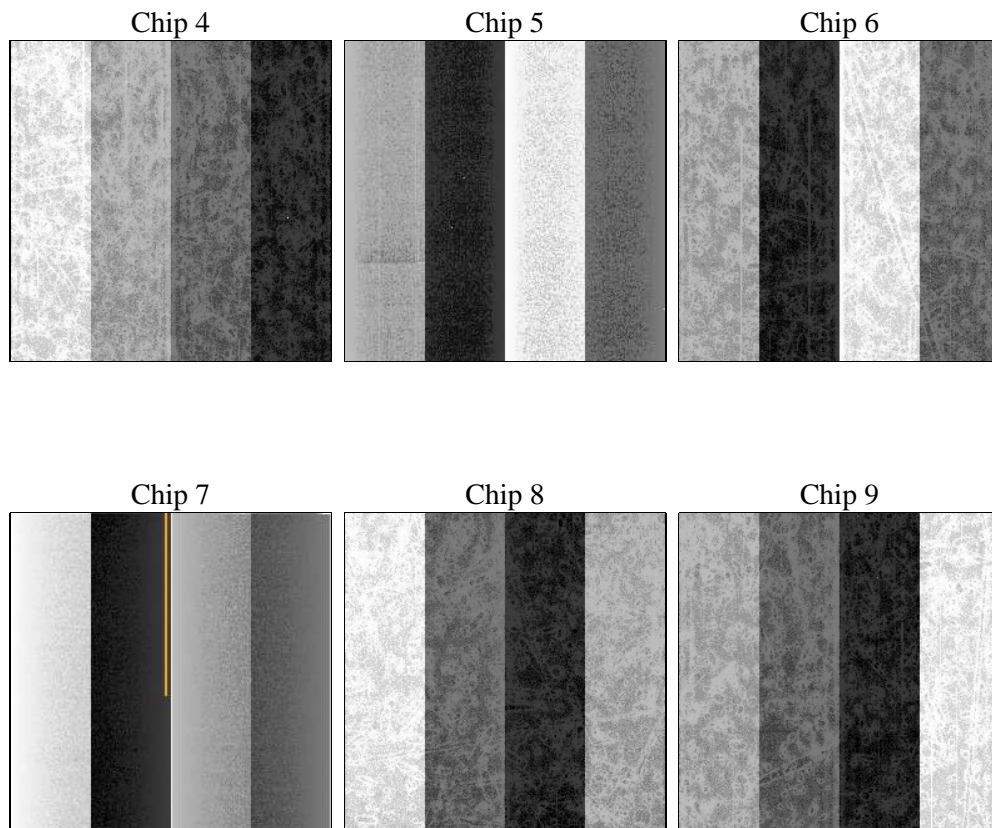
2 OBI

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	8248.1826022863	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8248.0594822764	Sum of GTIs [s]
date	2012-04-19T17:05:31	Date and time of file creation	ontime5	8248.141562283	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8248.1005222797	Sum of GTIs [s]
			ontime7	8248.1826022863	Sum of GTIs [s]
			ontime8	8248.0184422731	Sum of GTIs [s]
			ontime9	8248.2236422896	Sum of GTIs [s]
			l1events	1285978	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	206032	217709	205267	224941	225820	206209	grade 0 events	73491	24771	73458	35054	76980	71369
rejected events	79194	67289	69524	61981	78886	75681		35%	11%	35%	15%	34%	34%
rejected %	38%	30%	33%	27%	34%	36%	grade 1 events	654	201	457	164	492	476
								0%	0%	0%	0%	0%	0%
							grade 2 events	19927	56315	23525	35641	26366	22315
								9%	25%	11%	15%	11%	10%
							grade 3 events	8627	7515	8505	15698	10401	8363
								4%	3%	4%	6%	4%	4%
							grade 4 events	8819	7279	8522	15542	10077	8706
								4%	3%	4%	6%	4%	4%
							grade 5 events	4008	8903	4085	10177	5218	4567
								1%	4%	1%	4%	2%	2%
							grade 6 events	16345	55030	22164	61542	23581	20179
								7%	25%	10%	27%	10%	9%
							grade 7 events	74161	57695	64551	51123	72705	70234
								35%	26%	31%	22%	32%	34%

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	141.7643903442992
[deg] Pointing Dec	0	45.78553967148924
[deg] Pointing Roll	0.0	177.3286135864062
[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)	287207799.107308	287207798.0823
Observation start date	2007-02-07T03:56:39	2007-02-07T03:56:38
[s] Observation end time (MET)	287231609.858439	287231608.83343
Observation end date	2007-02-07T10:33:30	2007-02-07T10:33:28
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)	2012.04.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2481826022863

A.2 Comments