

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56529 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 19 2012

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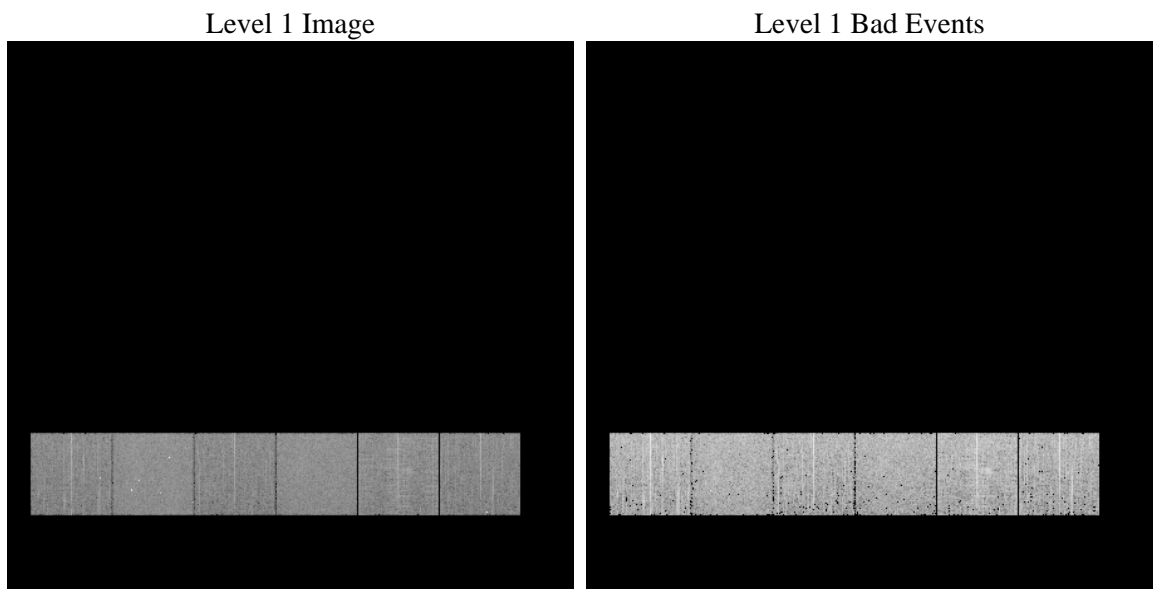
1 Front

seq_num	 	Sequence number
obs_id	56529	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	105.02815151525	Nominal RA [deg]
dec_nom	-0.99403474326505	Nominal Dec [deg]
roll_nom	339.05512388829	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3273.3245814443	Sum of GTIs [s]
livetime	3231.8757746346	Livetime [s]
ontime4	3273.2014614344	Sum of GTIs [s]
ontime5	3273.283541441	Sum of GTIs [s]
ontime6	3273.2425014377	Sum of GTIs [s]
ontime7	3273.3245814443	Sum of GTIs [s]
ontime8	3273.1604214311	Sum of GTIs [s]
ontime9	3273.3656214476	Sum of GTIs [s]
l2events	187972	Number of level 2 events

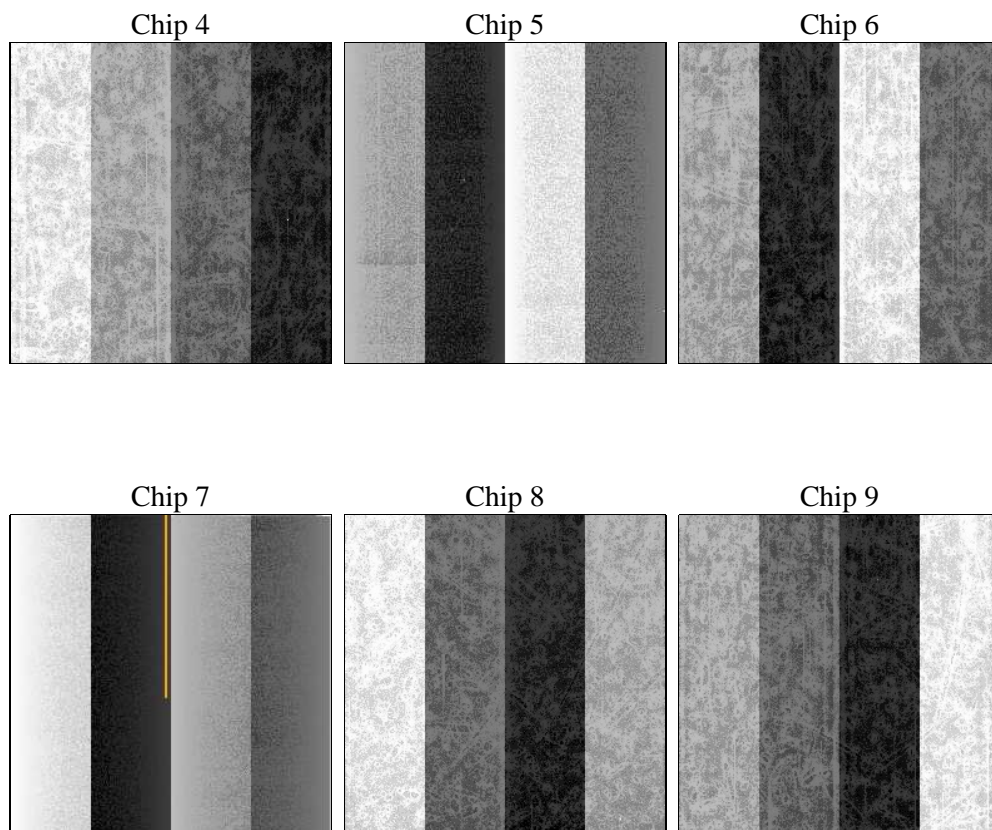
2 OBI

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	8.4.5	Processing system revision	ontime	3273.3245814443	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	3273.2014614344	Sum of GTIs [s]
date	2012-06-19T22:45:16	Date and time of file creation	ontime5	3273.283541441	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3273.2425014377	Sum of GTIs [s]
			ontime7	3273.3245814443	Sum of GTIs [s]
			ontime8	3273.1604214311	Sum of GTIs [s]
			ontime9	3273.3656214476	Sum of GTIs [s]
			l1events	403371	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	62873	76064	59621	72003	71585	61225	grade 0 events	15866	7553	14875	7589	16534	15449
rejected events	35219	30391	30839	29053	36827	32696		25%	9%	24%	10%	23%	25%
rejected %	56%	39%	51%	40%	51%	53%	grade 1 events	166	128	103	62	103	107
								0%	0%	0%	0%	0%	0%
							grade 2 events	4412	15729	5196	9352	6727	4966
								7%	20%	8%	12%	9%	8%
							grade 3 events	1903	2025	1916	3923	2455	1799
								3%	2%	3%	5%	3%	2%
							grade 4 events	1835	1941	1915	3840	2512	1796
								2%	2%	3%	5%	3%	2%
							grade 5 events	1796	4162	1861	4556	2381	2024
								2%	5%	3%	6%	3%	3%
							grade 6 events	3638	18425	4880	18246	6530	4519
								5%	24%	8%	25%	9%	7%
							grade 7 events	33257	26101	28875	24435	34343	30565
								52%	34%	48%	33%	47%	49%

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	105.028151515252
[deg] Pointing Dec	0	-0.9940347432650486
[deg] Pointing Roll	0.0	339.0551238882895
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	379709721.250691	379709720.2257
Observation start date	2010-01-12T18:55:21	2010-01-12T18:55:20
[s] Observation end time (MET)	379716039.351011	379716038.32602
Observation end date	2010-01-12T20:40:39	2010-01-12T20:40:38
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
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)	2012.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2733245814443

A.2 Comments