

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57676 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 18 2012

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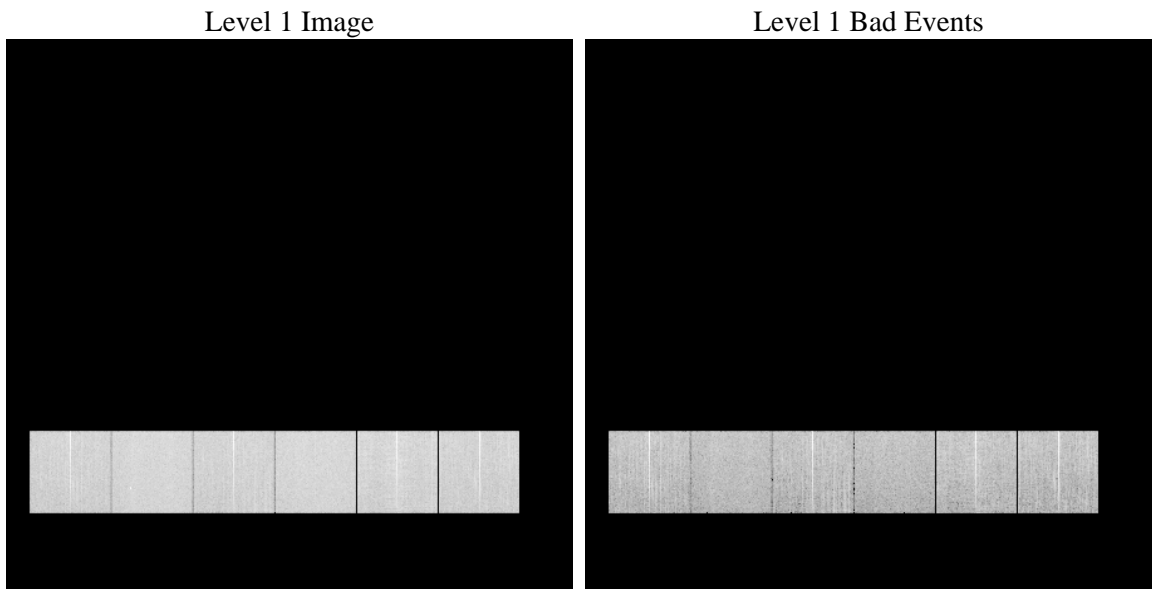
1 Front

seq_num	 	Sequence number
obs_id	57676	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	306.03259128175	Nominal RA [deg]
dec_nom	-43.983455092397	Nominal Dec [deg]
roll_nom	2.2845745764768	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8159.0112031698	Sum of GTIs [s]
livetime	8055.6968905486	Livetime [s]
ontime4	8158.8880831599	Sum of GTIs [s]
ontime5	8158.9701631665	Sum of GTIs [s]
ontime6	8158.9291231632	Sum of GTIs [s]
ontime7	8159.0112031698	Sum of GTIs [s]
ontime8	8158.8470431566	Sum of GTIs [s]
ontime9	8159.0522431731	Sum of GTIs [s]
l2events	605477	Number of level 2 events

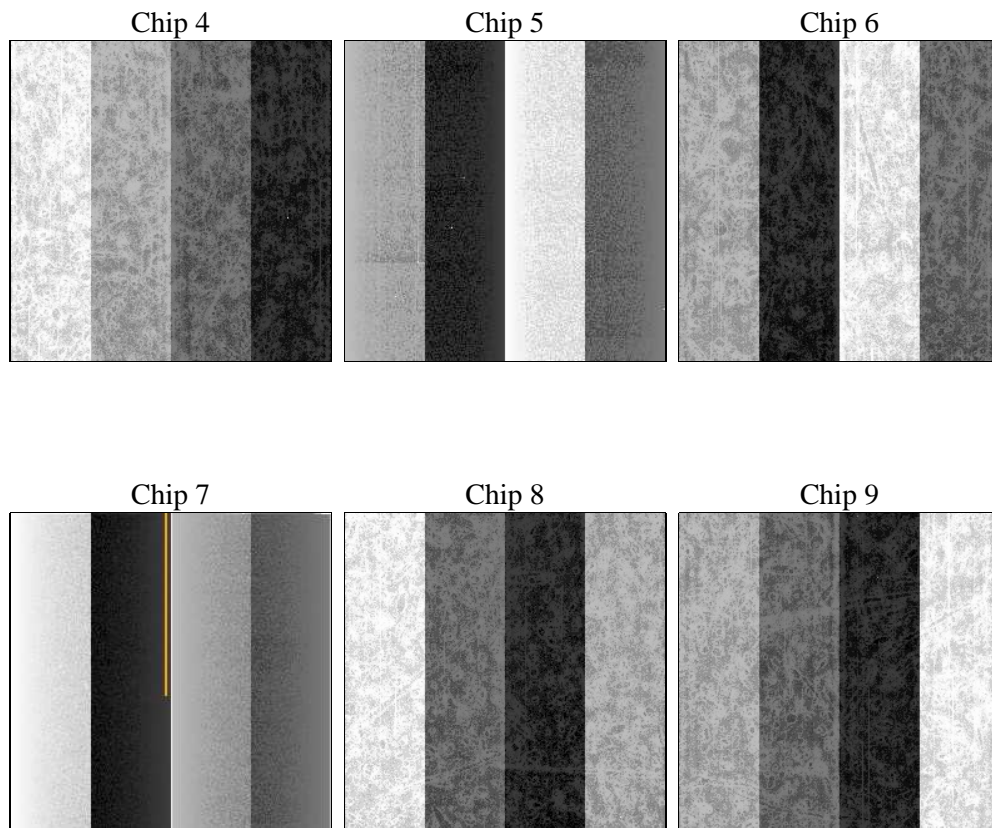
2 OBI

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	8159.0112031698	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8158.8880831599	Sum of GTIs [s]
date	2012-05-18T15:11:37	Date and time of file creation	ontime5	8158.9701631665	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8158.9291231632	Sum of GTIs [s]
			ontime7	8159.0112031698	Sum of GTIs [s]
			ontime8	8158.8470431566	Sum of GTIs [s]
			ontime9	8159.0522431731	Sum of GTIs [s]
			l1events	1119626	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	176091	196525	178283	198362	195122	175243	grade 0 events	53647	17291	52433	25939	57004	52076
rejected events	84090	72174	79470	68619	84216	79679		30%	8%	29%	13%	29%	29%
rejected %	47%	36%	44%	34%	43%	45%	grade 1 events	519	189	303	151	398	392
								0%	0%	0%	0%	0%	0%
							grade 2 events	14476	47558	18213	29159	20604	16617
								8%	24%	10%	14%	10%	9%
							grade 3 events	6681	5461	6285	11939	8124	6527
								3%	2%	3%	6%	4%	3%
							grade 4 events	6302	5454	6215	11858	7875	6289
								3%	2%	3%	5%	4%	3%
							grade 5 events	4068	9051	4335	10662	5442	4809
								2%	4%	2%	5%	2%	2%
							grade 6 events	12100	50238	16973	52552	18818	15299
								6%	25%	9%	26%	9%	8%
							grade 7 events	78298	61283	73526	56102	76857	73234
								44%	31%	41%	28%	39%	41%

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	306.032591281749
[deg] Pointing Dec	0	-43.98345509239748
[deg] Pointing Roll	0.0	2.284574576476757
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	333367807.133883	333367806.10889
Observation start date	2008-07-25T10:10:07	2008-07-25T10:10:06
[s] Observation end time (MET)	333380092.784483	333380091.7595
Observation end date	2008-07-25T13:34:53	2008-07-25T13:34:51
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)	2012.05.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1590112031698

A.2 Comments