

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59155 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 24 2012

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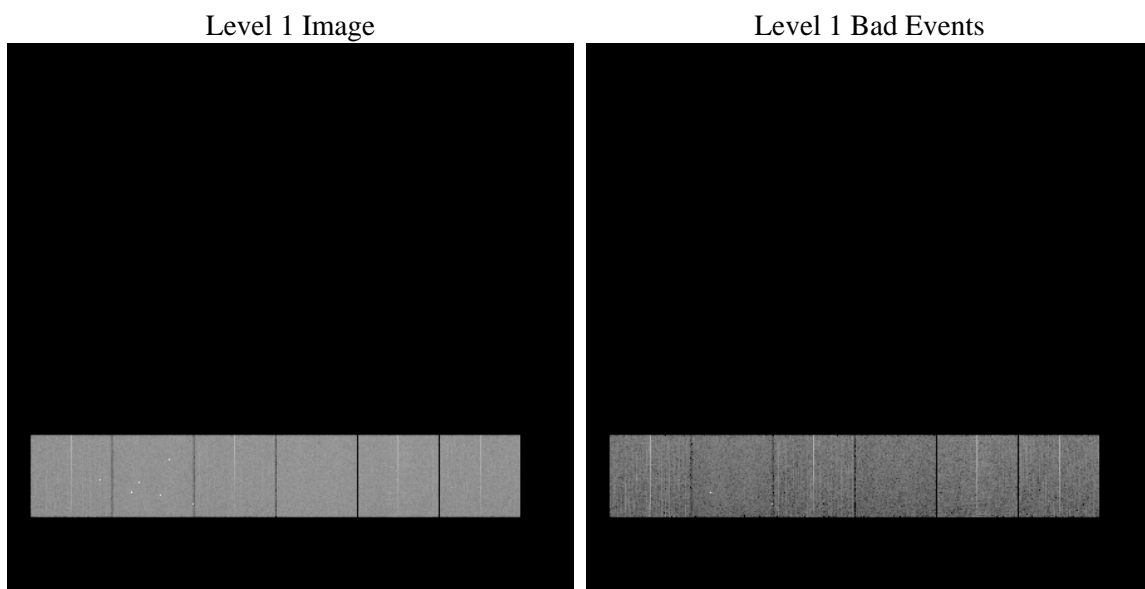
1 Front

seq_num	 	Sequence number
obs_id	59155	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	147.9619555412	Nominal RA [deg]
dec_nom	42.505594970746	Nominal Dec [deg]
roll_nom	135.84550770186	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6243.1999767423	Sum of GTIs [s]
livetime	6164.1448194331	Livetime [s]
ontime4	6243.1999767423	Sum of GTIs [s]
ontime5	6243.1999767423	Sum of GTIs [s]
ontime6	6243.1999767423	Sum of GTIs [s]
ontime7	6243.1999767423	Sum of GTIs [s]
ontime8	6243.1999767423	Sum of GTIs [s]
ontime9	6239.9589864612	Sum of GTIs [s]
l2events	748193	Number of level 2 events

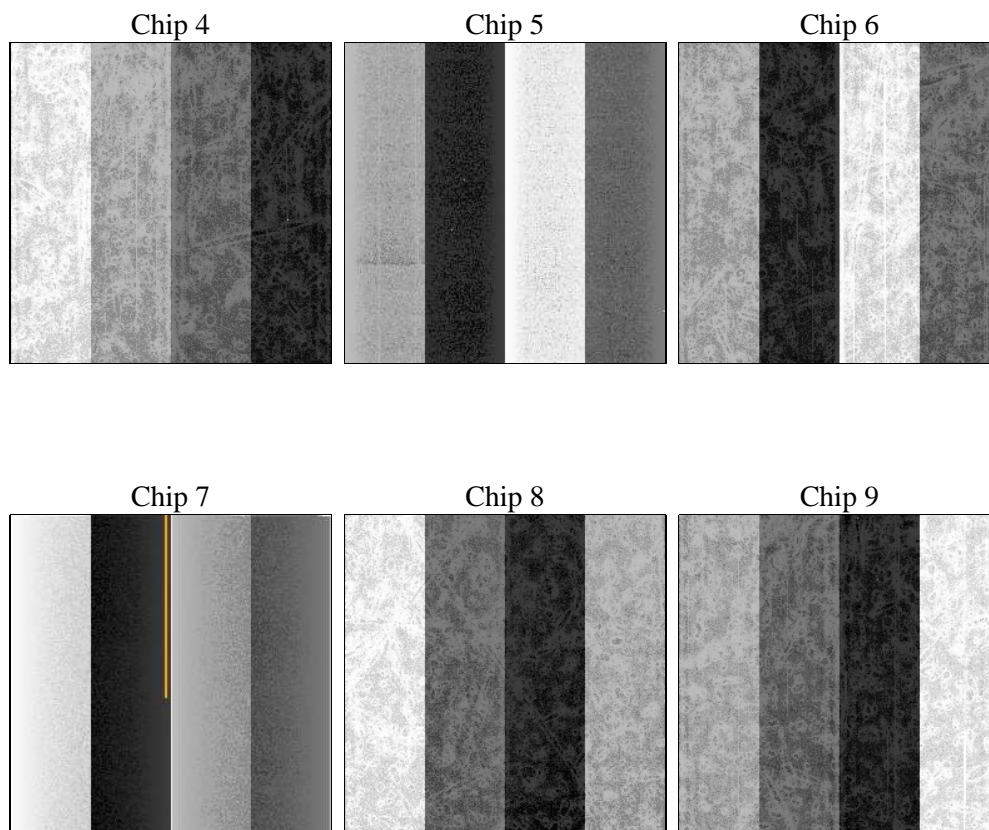
2 OBI

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	8.4.3	Processing system revision	ontime	6243.1999767423	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	6243.1999767423	Sum of GTIs [s]
date	2012-03-24T07:17:22	Date and time of file creation	ontime5	6243.1999767423	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6243.1999767423	Sum of GTIs [s]
			ontime7	6243.1999767423	Sum of GTIs [s]
			ontime8	6243.1999767423	Sum of GTIs [s]
			ontime9	6239.9589864612	Sum of GTIs [s]
			l1events	1112057	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	178070	189474	184305	189199	192168	178841	grade 0 events	72185	29304	71012	32979	73685	69532
rejected events	55080	49447	52247	41913	54763	52582		40%	15%	38%	17%	38%	38%
rejected %	30%	26%	28%	22%	28%	29%	grade 1 events	603	327	347	111	437	428
								0%	0%	0%	0%	0%	0%
							grade 2 events	18632	51087	23110	32302	24200	21475
								10%	26%	12%	17%	12%	12%
							grade 3 events	8304	7028	8467	14375	9002	8189
								4%	3%	4%	7%	4%	4%
							grade 4 events	8184	6876	8280	14215	8997	8161
								4%	3%	4%	7%	4%	4%
							grade 5 events	2939	7134	3123	7008	3674	3246
								1%	3%	1%	3%	1%	1%
							grade 6 events	15685	45732	21189	53415	21521	18902
								8%	24%	11%	28%	11%	10%
							grade 7 events	51538	41986	48777	34794	50652	48908
								28%	22%	26%	18%	26%	27%

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	147.961955541195
[deg] Pointing Dec	0	42.5055949707464
[deg] Pointing Roll	0.0	135.8455077018618
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	254497526.07283	254497525.04784
Observation start date	2006-01-24T13:45:26	2006-01-24T13:45:25
[s] Observation end time (MET)	254515715.723673	254515714.69868
Observation end date	2006-01-24T18:48:36	2006-01-24T18:48:34
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)	2012.03.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.2431999767423

A.2 Comments