

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 58959 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 2 2012

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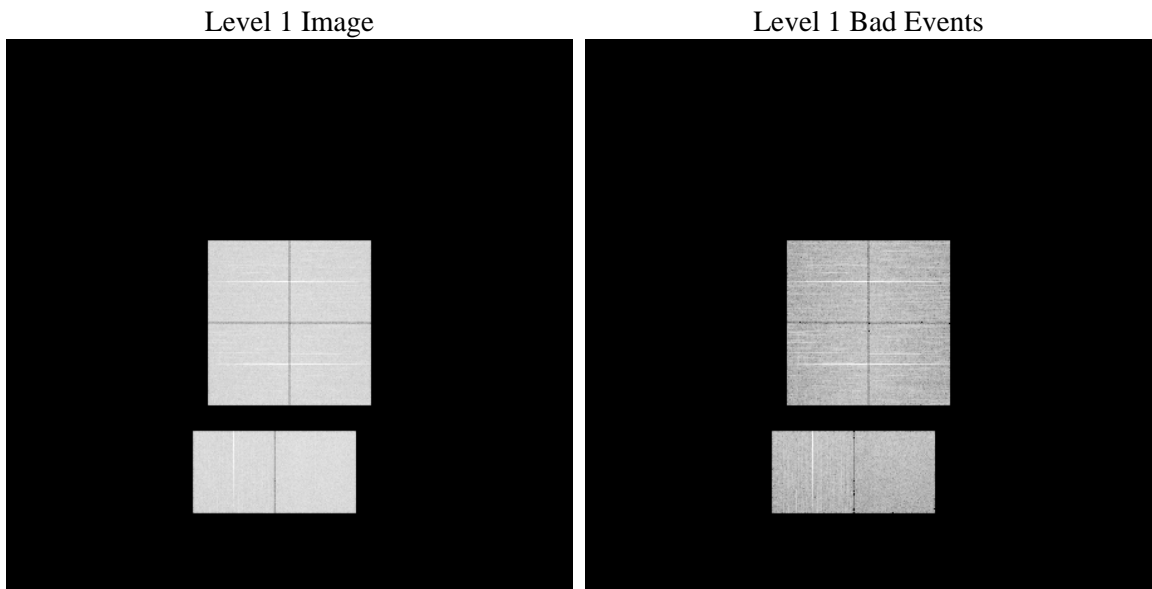
1 Front

seq_num	 	Sequence number
obs_id	58959	Observation id
title	ACIS-012367 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	208.00043268049	Nominal RA [deg]
dec_nom	-1.0281588789918	Nominal Dec [deg]
roll_nom	234.85443386642	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8185.5999695063	Sum of GTIs [s]
livetime	8081.9489739158	Livetime [s]
ontime0	8185.5999695063	Sum of GTIs [s]
ontime1	8185.5999695063	Sum of GTIs [s]
ontime2	8185.5999695063	Sum of GTIs [s]
ontime3	8185.5999695063	Sum of GTIs [s]
ontime6	8185.5999695063	Sum of GTIs [s]
ontime7	8185.5999695063	Sum of GTIs [s]
l2events	903504	Number of level 2 events

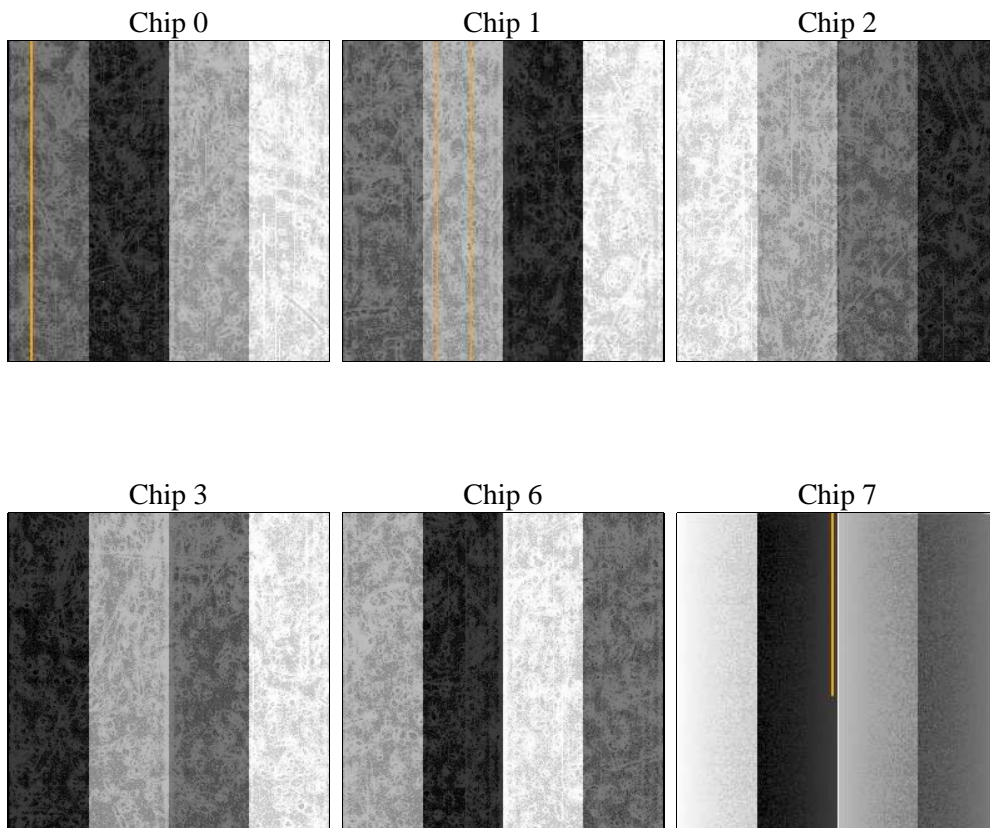
2 OBI

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	8185.5999695063	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8185.5999695063	Sum of GTIs [s]
date	2012-04-02T04:03:26	Date and time of file creation	ontime1	8185.5999695063	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8185.5999695063	Sum of GTIs [s]
			ontime3	8185.5999695063	Sum of GTIs [s]
			ontime6	8185.5999695063	Sum of GTIs [s]
			ontime7	8185.5999695063	Sum of GTIs [s]
			l1events	1378740	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	220446	223557	227808	227537	233059	246333	grade 0 events	84496	82419	86972	87515	85001	40217
rejected events	68298	71254	75091	73828	74858	63379		38%	36%	38%	38%	36%	16%
rejected %	30%	31%	32%	32%	32%	25%	grade 1 events	576	428	585	640	444	162
								0%	0%	0%	0%	0%	0%
							grade 2 events	26549	28682	25066	25654	28984	40796
								12%	12%	11%	11%	12%	16%
							grade 3 events	10241	9621	10065	10144	9747	17750
								4%	4%	4%	4%	4%	7%
							grade 4 events	9941	9858	10204	10085	9913	17215
								4%	4%	4%	4%	4%	6%
							grade 5 events	3826	3835	3577	4009	3948	9733
								1%	1%	1%	1%	1%	3%
							grade 6 events	22559	23299	22099	21914	26203	68992
								10%	10%	9%	9%	11%	28%
							grade 7 events	62258	65415	69240	67576	68819	51468
								28%	29%	30%	29%	29%	20%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	208.0004326804897
[deg] Pointing Dec	0	-1.02815887899176
[deg] Pointing Roll	0.0	234.8544338664169
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	264592667.49263	264592666.46763
Observation start date	2006-05-21T09:57:47	2006-05-21T09:57:46
[s] Observation end time (MET)	264615270.793685	264615269.76869
Observation end date	2006-05-21T16:14:31	2006-05-21T16:14:29
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)	2012.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1855999695063

A.2 Comments