

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60262 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 30 2012

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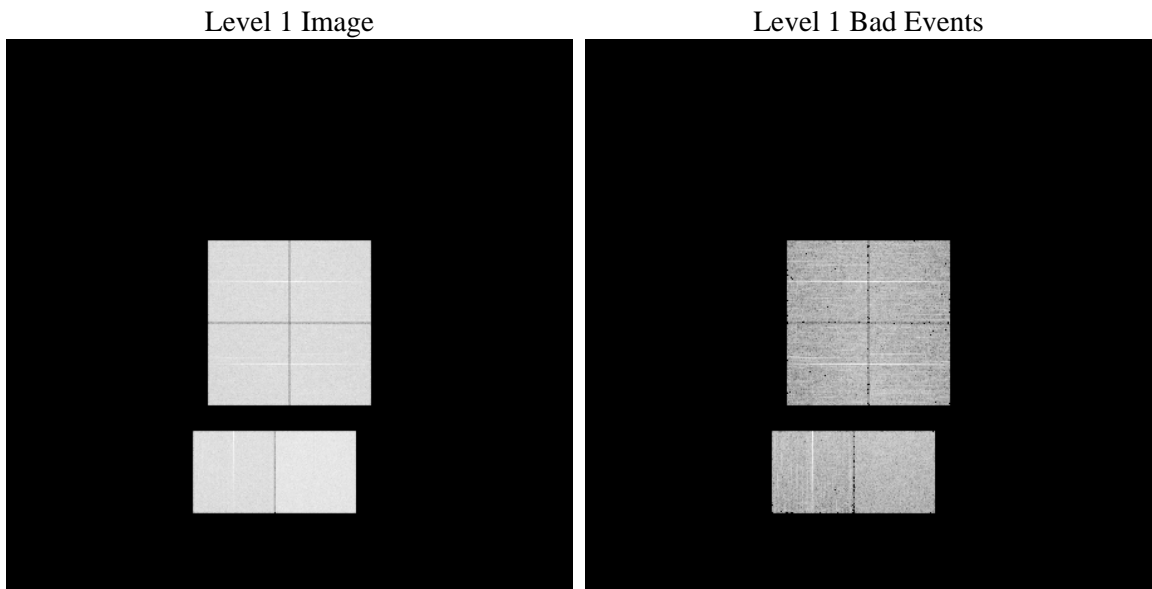
1 Front

seq_num	 	Sequence number
obs_id	60262	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	223.97135950142	Nominal RA [deg]
dec_nom	1.5015007500544	Nominal Dec [deg]
roll_nom	144.0641244835	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8393.5999687314	Sum of GTIs [s]
livetime	8287.3151519082	Livetime [s]
ontime0	6225.0068042576	Sum of GTIs [s]
ontime1	6309.3126733899	Sum of GTIs [s]
ontime2	5920.7357182205	Sum of GTIs [s]
ontime3	6021.2062164247	Sum of GTIs [s]
ontime6	6497.6301241517	Sum of GTIs [s]
ontime7	8393.5999687314	Sum of GTIs [s]
l2events	1198513	Number of level 2 events

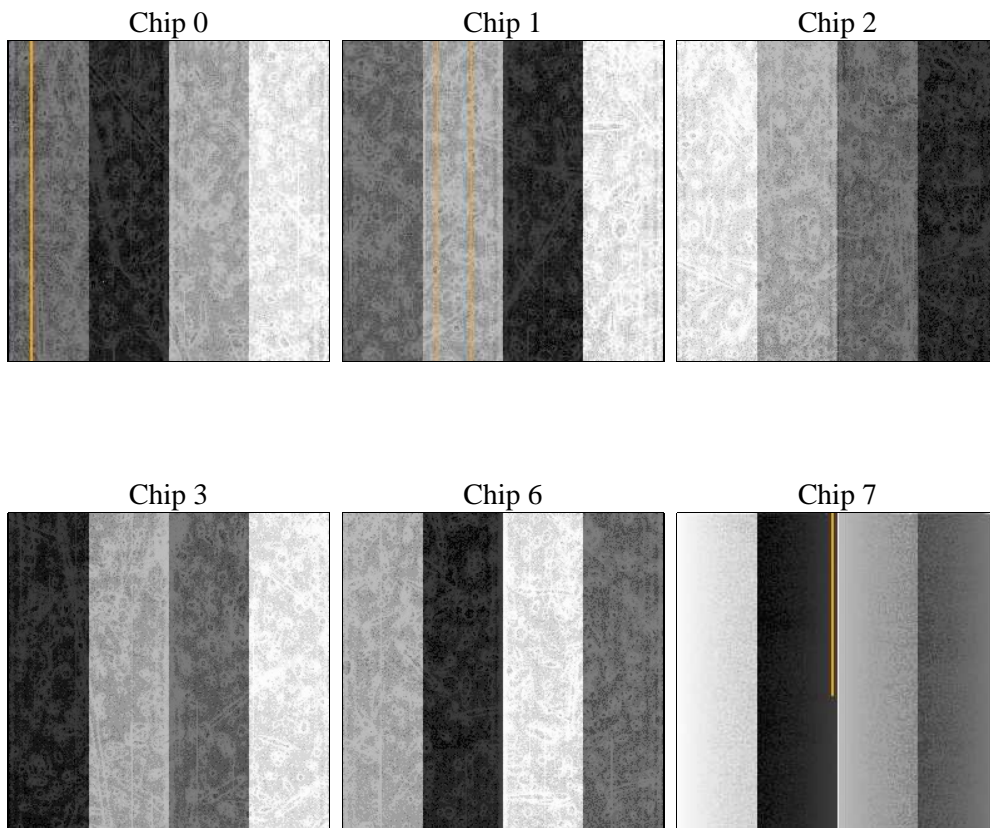
2 OBI

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	8393.5999687314	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	6225.0068042576	Sum of GTIs [s]
date	2012-11-30T17:14:39	Date and time of file creation	ontime1	6309.3126733899	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5920.7357182205	Sum of GTIs [s]
			ontime3	6021.2062164247	Sum of GTIs [s]
			ontime6	6497.6301241517	Sum of GTIs [s]
			ontime7	8393.5999687314	Sum of GTIs [s]
			l1events	1533627	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	235815	239526	228260	235032	260084	334910	grade 0 events	106721	107859	104528	106906	115692	69421
rejected events	43387	43452	43366	46241	48790	51727		45%	45%	45%	45%	44%	20%
rejected %	18%	18%	18%	19%	18%	15%	grade 1 events	609	538	636	664	580	227
								0%	0%	0%	0%	0%	0%
							grade 2 events	33548	35399	31705	32401	36449	62671
								14%	14%	13%	13%	14%	18%
							grade 3 events	12761	12698	12162	12483	13225	28607
								5%	5%	5%	5%	5%	8%
							grade 4 events	12663	12578	12066	12451	13236	28443
								5%	5%	5%	5%	5%	8%
							grade 5 events	2778	2799	2597	2918	3134	9097
								1%	1%	1%	1%	1%	2%
							grade 6 events	28267	28880	26259	26009	34293	96391
								11%	12%	11%	11%	13%	28%
							grade 7 events	38468	38775	38307	41200	43475	40053
								16%	16%	16%	17%	16%	11%

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	223.9713595014156
[deg] Pointing Dec	0	1.501500750054389
[deg] Pointing Roll	0.0	144.0641244835022
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	199259810.271594	199259809.24659
Observation start date	2004-04-25T05:56:50	2004-04-25T05:56:49
[s] Observation end time (MET)	199272251.722142	199272250.69714
Observation end date	2004-04-25T09:24:12	2004-04-25T09:24:10
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	0.000000	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)	2012.12.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3935999687314

A.2 Comments