

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61385 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 29 2012

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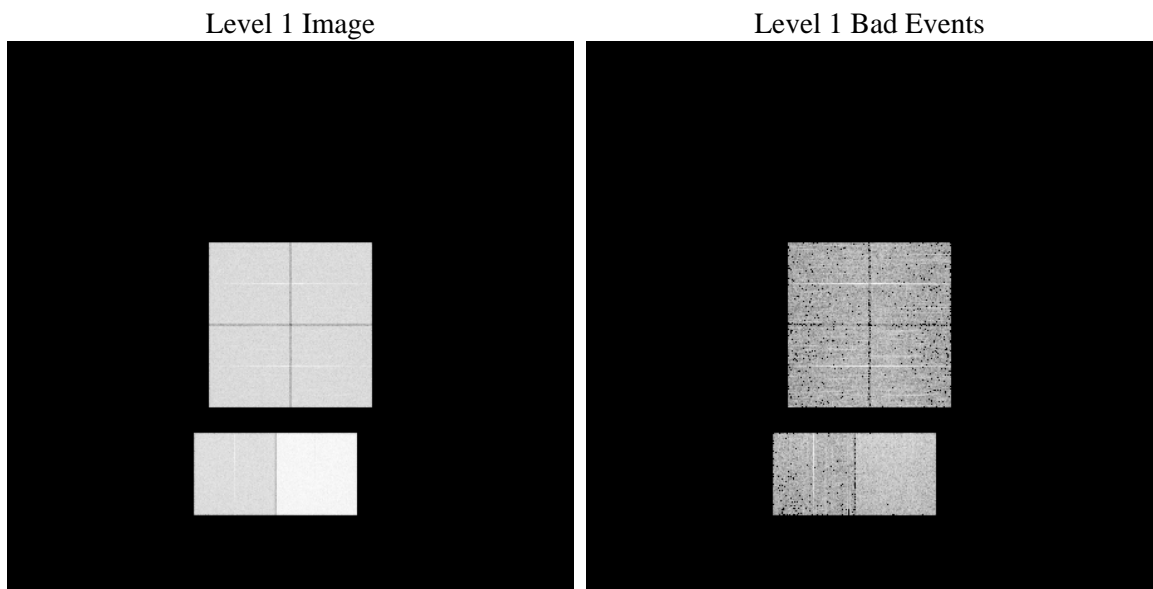
1 Front

seq_num	 	Sequence number
obs_id	61385	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	142.96484820248	Nominal RA [deg]
dec_nom	56.020825749174	Nominal Dec [deg]
roll_nom	100.56376161461	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7569.1318033338	Sum of GTIs [s]
livetime	7473.2868988559	Livetime [s]
ontime0	2868.3166148365	Sum of GTIs [s]
ontime1	2944.1763279438	Sum of GTIs [s]
ontime2	2806.7373235375	Sum of GTIs [s]
ontime3	2839.1475541294	Sum of GTIs [s]
ontime6	3080.2175886929	Sum of GTIs [s]
ontime7	7569.1318033338	Sum of GTIs [s]
l2events	1214830	Number of level 2 events

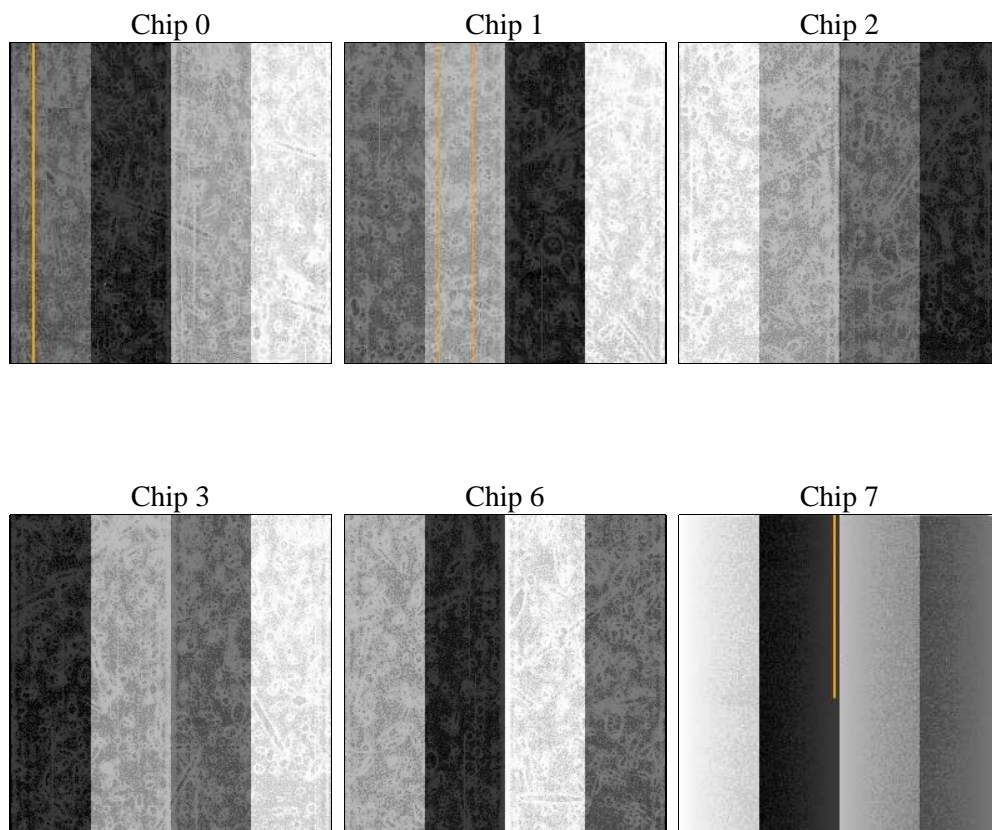
2 OBI

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	7569.1318033338	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	2868.3166148365	Sum of GTIs [s]
date	2012-09-29T05:16:19	Date and time of file creation	ontime1	2944.1763279438	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2806.7373235375	Sum of GTIs [s]
			ontime3	2839.1475541294	Sum of GTIs [s]
			ontime6	3080.2175886929	Sum of GTIs [s]
			ontime7	7569.1318033338	Sum of GTIs [s]
			l1events	1420594	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	181189	186131	181083	183713	204949	483529	grade 0 events	88254	90392	88314	89620	98759	112013
rejected events	21464	22184	22360	23742	23900	41721		48%	48%	48%	48%	48%	23%
rejected %	11%	11%	12%	12%	11%	8%	grade 1 events	471	501	489	461	522	301
								0%	0%	0%	0%	0%	0%
							grade 2 events	28054	29083	27912	28008	31522	97464
								15%	15%	15%	15%	15%	20%
							grade 3 events	10076	10441	9874	10110	11237	45006
								5%	5%	5%	5%	5%	9%
							grade 4 events	9991	10384	10117	10131	11169	44848
								5%	5%	5%	5%	5%	9%
							grade 5 events	1562	1630	1444	1562	1755	8584
								0%	0%	0%	0%	0%	1%
							grade 6 events	23350	23842	22506	22102	28550	142659
								12%	12%	12%	12%	13%	29%
							grade 7 events	19431	19858	20427	21719	21435	32654
								10%	10%	11%	11%	10%	6%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	142.9648482024824	Alternating exposures requested	N	N
[deg] Pointing Dec	0	56.02082574917425	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	100.5637616146057			
[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)	124729162.283	124729161.51414			
Observation start date	2001-12-14T14:59:22	2001-12-14T14:59:21			
[s] Observation end time (MET)	124766673.184	124766672.41565			
Observation end date	2001-12-15T01:24:33	2001-12-15T01:24:32			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5691318033338

A.2 Comments