

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60156 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 3 2012

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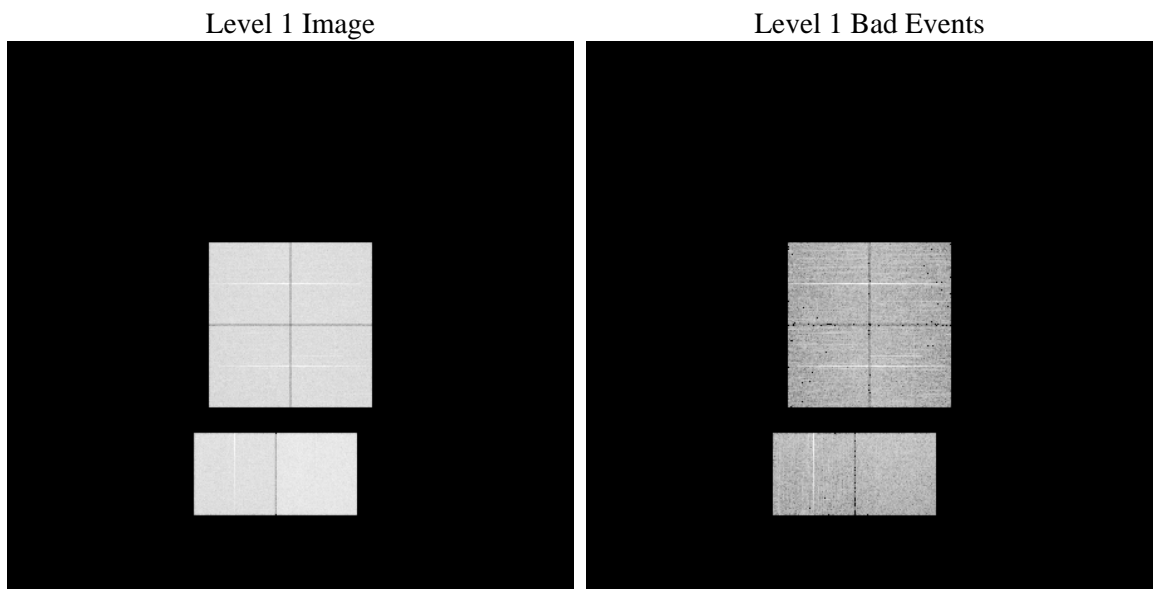
1 Front

seq_num	 	Sequence number
obs_id	60156	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	302.00948667142	Nominal RA [deg]
dec_nom	-44.570287891544	Nominal Dec [deg]
roll_nom	43.371211914792	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8275.1999691725	Sum of GTIs [s]
livetime	8170.4144044356	Livetime [s]
ontime0	6071.3381741345	Sum of GTIs [s]
ontime1	6230.1456696391	Sum of GTIs [s]
ontime2	5753.721801579	Sum of GTIs [s]
ontime3	5925.4935354292	Sum of GTIs [s]
ontime6	6405.157866776	Sum of GTIs [s]
ontime7	8275.1999691725	Sum of GTIs [s]
l2events	1161897	Number of level 2 events

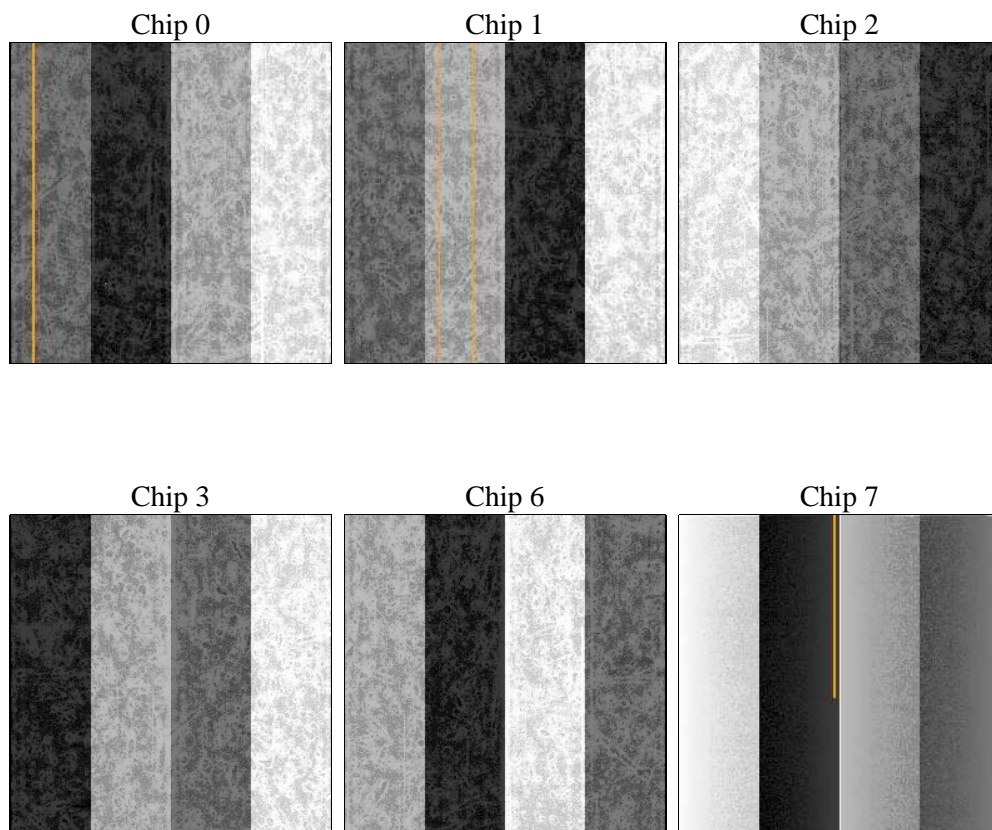
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8275.1999691725	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	6071.3381741345	Sum of GTIs [s]
date	2012-12-03T20:15:29	Date and time of file creation	ontime1	6230.1456696391	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5753.721801579	Sum of GTIs [s]
			ontime3	5925.4935354292	Sum of GTIs [s]
			ontime6	6405.157866776	Sum of GTIs [s]
			ontime7	8275.1999691725	Sum of GTIs [s]
			l1events	1500519	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	230493	236397	220974	229512	254566	328577	grade 0 events	101680	104160	98840	102600	111126	66449
rejected events	45293	45219	44146	46523	49190	51964		44%	44%	44%	44%	43%	20%
rejected %	19%	19%	19%	20%	19%	15%	grade 1 events	645	550	660	687	625	209
								0%	0%	0%	0%	0%	0%
							grade 2 events	32391	34057	29488	30882	35614	60533
								14%	14%	13%	13%	13%	18%
							grade 3 events	12012	12458	11633	12046	12702	27114
								5%	5%	5%	5%	4%	8%
							grade 4 events	11934	12056	11596	11856	12633	27386
								5%	5%	5%	5%	4%	8%
							grade 5 events	2830	2937	2638	2939	3219	9259
								1%	1%	1%	1%	1%	2%
							grade 6 events	27285	28534	25371	25703	33400	95234
								11%	12%	11%	11%	13%	28%
							grade 7 events	41716	41645	40748	42799	45247	42393
								18%	17%	18%	18%	17%	12%

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	302.0094866714236
[deg] Pointing Dec	0	-44.57028789154366
[deg] Pointing Roll	0.0	43.37121191479189
[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)	205188701.633603	205188700.6086
Observation start date	2004-07-02T20:51:42	2004-07-02T20:51:40
[s] Observation end time (MET)	205211780.534626	205211779.50963
Observation end date	2004-07-03T03:16:21	2004-07-03T03:16:19
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)	2012.12.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2751999691725

A.2 Comments