

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56304 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 24 2012

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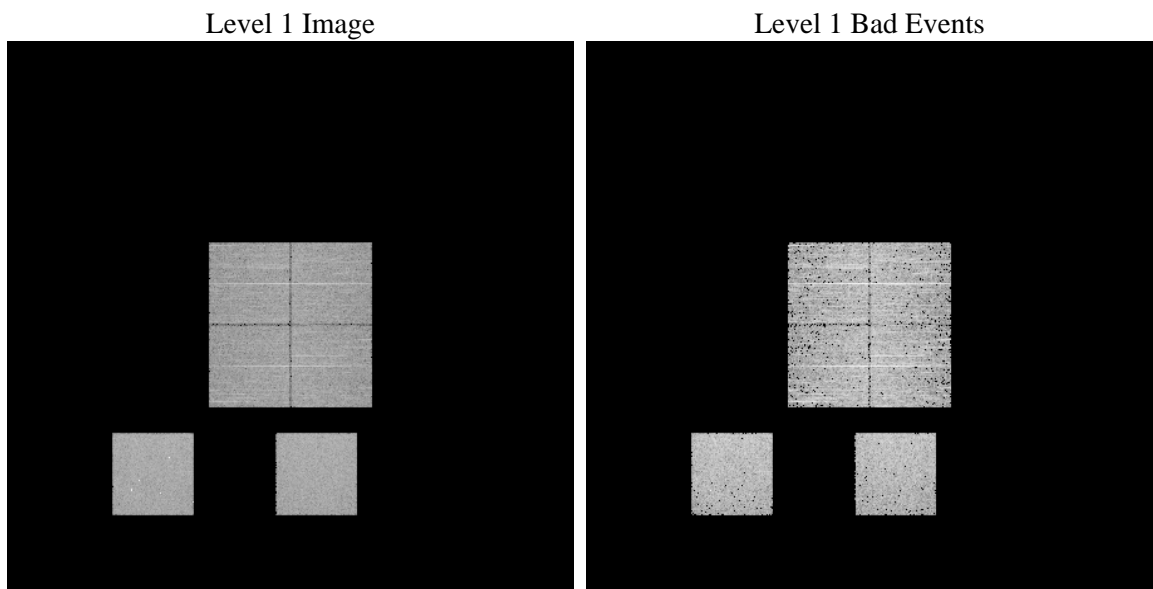
1 Front

seq_num	 	Sequence number
obs_id	56304	Observation id
title	ACIS-012357 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	218.05688440418	Nominal RA [deg]
dec_nom	-37.985733213085	Nominal Dec [deg]
roll_nom	16.411662389054	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3282.085634172	Sum of GTIs [s]
livetime	3240.5258896374	Livetime [s]
ontime0	3282.1266741753	Sum of GTIs [s]
ontime1	3282.1677141786	Sum of GTIs [s]
ontime2	3283.1999878287	Sum of GTIs [s]
ontime3	3282.0445941687	Sum of GTIs [s]
ontime5	3283.1999878287	Sum of GTIs [s]
ontime7	3282.085634172	Sum of GTIs [s]
l2events	171373	Number of level 2 events

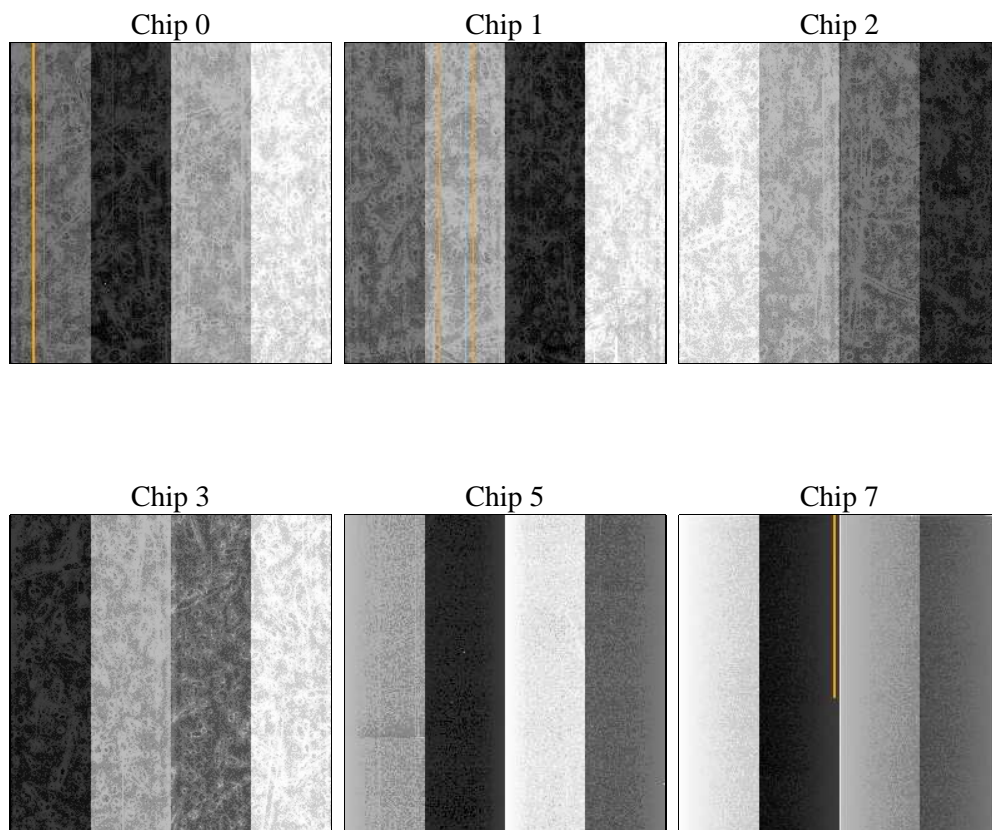
2 OBI

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	3282.085634172	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	3282.1266741753	Sum of GTIs [s]
date	2012-06-24T21:22:23	Date and time of file creation	ontime1	3282.1677141786	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3283.1999878287	Sum of GTIs [s]
			ontime3	3282.0445941687	Sum of GTIs [s]
			ontime5	3283.1999878287	Sum of GTIs [s]
			ontime7	3282.085634172	Sum of GTIs [s]
			l1events	333777	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	50518	49956	50330	51633	67079	64261	grade 0 events	13525	13198	13907	13732	6001	6986
rejected events	25007	24548	24727	26161	26930	25503		26%	26%	27%	26%	8%	10%
rejected %	49%	49%	49%	50%	40%	39%	grade 1 events	101	75	109	98	90	60
								0%	0%	0%	0%	0%	0%
							grade 2 events	4674	4910	4486	4577	14290	8488
								9%	9%	8%	8%	21%	13%
							grade 3 events	1709	1691	1692	1739	1763	3584
								3%	3%	3%	3%	2%	5%
							grade 4 events	1702	1670	1739	1798	1676	3467
								3%	3%	3%	3%	2%	5%
							grade 5 events	1486	1504	1509	1694	3572	4222
								2%	3%	2%	3%	5%	6%
							grade 6 events	3901	3939	3798	3626	16452	16233
								7%	7%	7%	7%	24%	25%
							grade 7 events	23420	22969	23090	24369	23235	21221
								46%	45%	45%	47%	34%	33%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	218.056884404176	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-37.98573321308548	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	16.41166238905402	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	388391787.391119	388391786.36612			
Observation start date	2010-04-23T06:36:27	2010-04-23T06:36:26			
[s] Observation end time (MET)	388398246.941447	388398245.91645			
Observation end date	2010-04-23T08:24:07	2010-04-23T08:24:05			
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)	2012.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.282085634172

A.2 Comments