

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62809 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 22 2012

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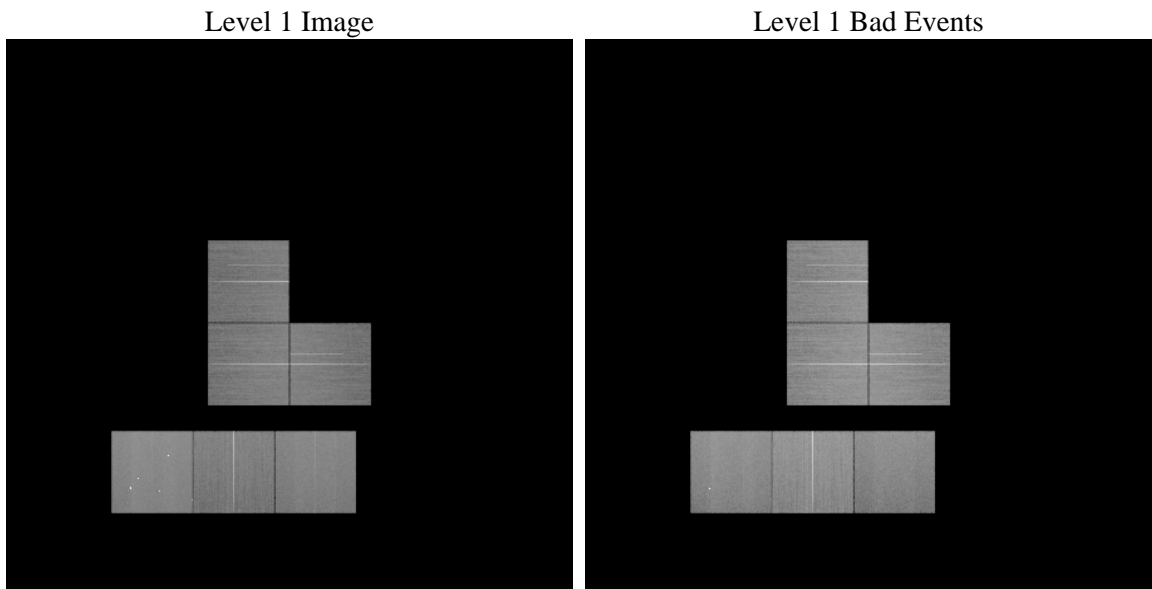
1 Front

seq_num	 	Sequence number
obs_id	62809	Observation id
title	ACIS-023567 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	193.14944907142	Nominal RA [deg]
dec_nom	27.69453697205	Nominal Dec [deg]
roll_nom	125.56346758337	Nominal Roll [deg]
revision	2	Processing version of data
ontime	46182.399828017	Sum of GTIs [s]
livetime	45597.610473692	Livetime [s]
ontime0	46182.363830924	Sum of GTIs [s]
ontime2	46175.917777419	Sum of GTIs [s]
ontime3	46175.917777359	Sum of GTIs [s]
ontime5	46182.399828017	Sum of GTIs [s]
ontime6	46175.917767525	Sum of GTIs [s]
ontime7	46182.399828017	Sum of GTIs [s]
l2events	576158	Number of level 2 events

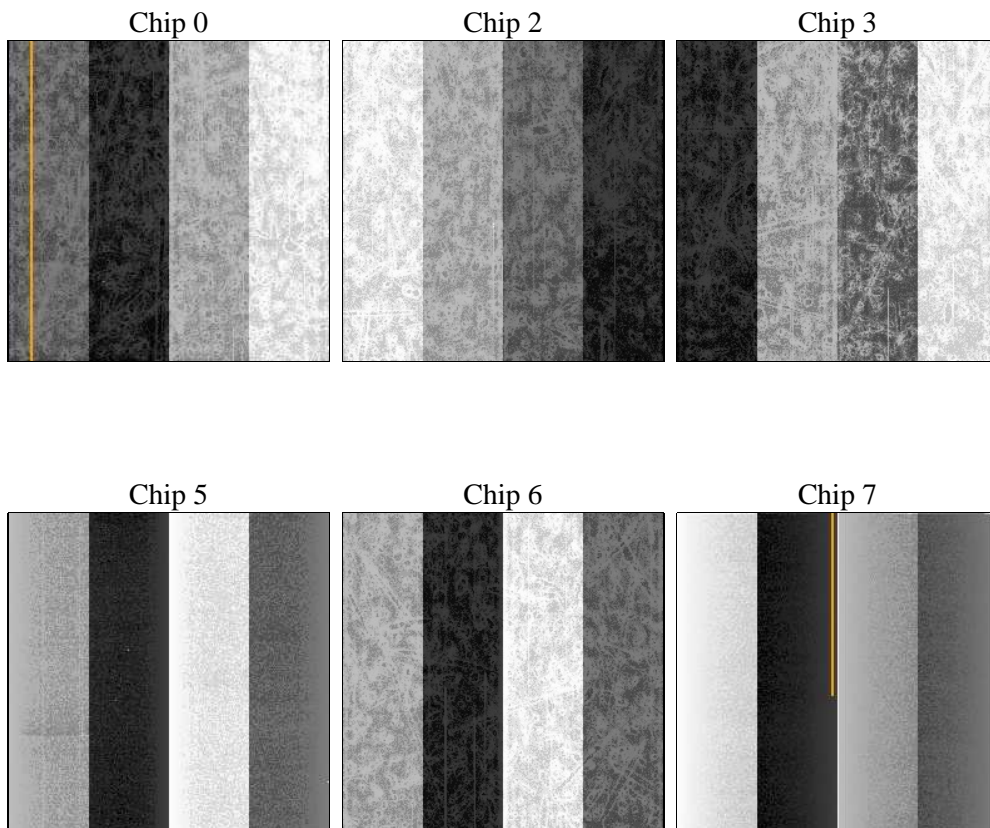
2 OBI

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	46182.399828017	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	46182.363830924	Sum of GTIs [s]
date	2012-06-22T07:58:17	Date and time of file creation	ontime2	46175.917777419	Sum of GTIs [s]
revision	2	Processing version of data	ontime3	46175.917777359	Sum of GTIs [s]
			ontime5	46182.399828017	Sum of GTIs [s]
			ontime6	46175.917767525	Sum of GTIs [s]
			ontime7	46182.399828017	Sum of GTIs [s]
			l1events	2488818	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7		ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	343840	379490	362821	571408	388817	442442	grade 0 events	12760	12765	12222	38345	13251	17377
rejected events	305178	342594	327017	282710	348367	243894		3%	3%	3%	6%	3%	3%
rejected %	88%	90%	90%	49%	89%	55%	grade 1 events	220	234	216	1115	206	615
								0%	0%	0%	0%	0%	0%
							grade 2 events	9703	9037	8238	84197	9315	40594
								2%	2%	2%	14%	2%	9%
							grade 3 events	4394	3989	4010	11815	4395	17791
								1%	1%	1%	2%	1%	4%
							grade 4 events	4045	3919	3989	10098	4301	17680
								1%	1%	1%	1%	1%	3%
							grade 5 events	14601	13774	16364	43628	16934	46423
								4%	3%	4%	7%	4%	10%
							grade 6 events	7761	7189	7347	144259	9190	105125
								2%	1%	2%	25%	2%	23%
							grade 7 events	290356	328583	310435	237951	331225	196837
								84%	86%	85%	41%	85%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-023567	ACIS-023567	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	193.1494490714177	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	27.69453697204996	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	125.5634675833695	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.038866356238299			
[mm] SIM defocus	0.1037507710433287	0.001426264420575141			
[mm] SIM translation stage pos	250.455976	51.9960404362608			
[mm] SIM translation stage offset	0	74.98944845534076			
[s] Observation start time (MET)	384223311.029389	384223310.00439			
Observation start date	2010-03-06T00:41:51	2010-03-06T00:41:50			
[s] Observation end time (MET)	384271217.481819	384271216.45682			
Observation end date	2010-03-06T14:00:17	2010-03-06T14:00:16			
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)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	46.182399828017

A.2 Comments