

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57125 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 6 2012

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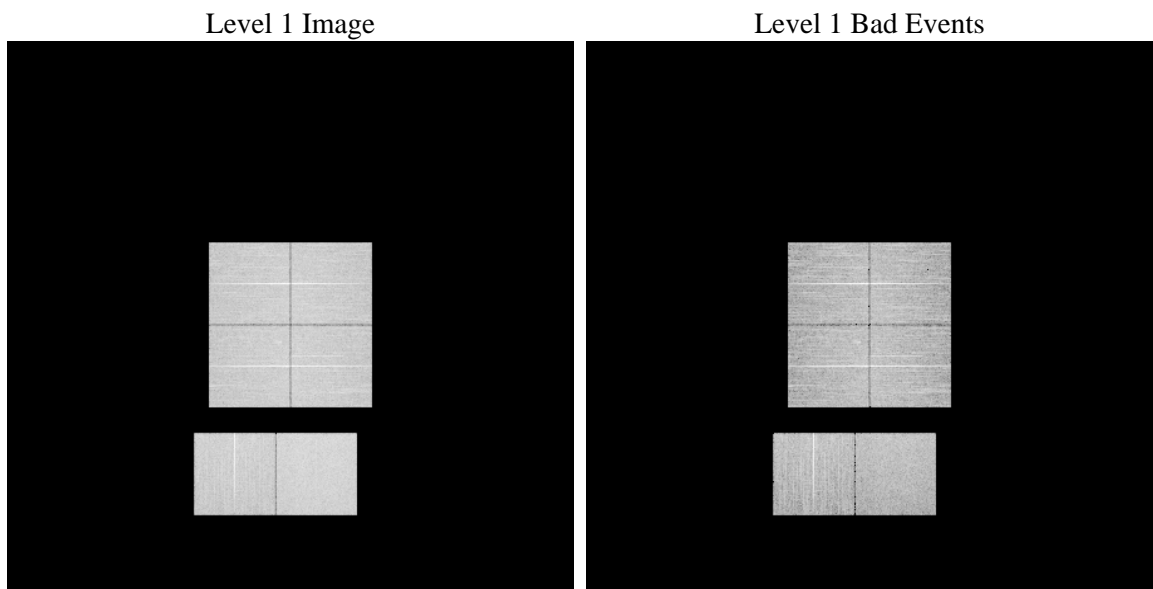
1 Front

seq_num	 	Sequence number
obs_id	57125	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	85.988220744608	Nominal RA [deg]
dec_nom	-54.027904265796	Nominal Dec [deg]
roll_nom	223.29383267814	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8363.688454926	Sum of GTIs [s]
livetime	8257.7823957012	Livetime [s]
ontime0	8363.6474149227	Sum of GTIs [s]
ontime1	8363.6063749194	Sum of GTIs [s]
ontime2	8357.0833842158	Sum of GTIs [s]
ontime3	8363.7294949293	Sum of GTIs [s]
ontime6	8363.5242949128	Sum of GTIs [s]
ontime7	8363.688454926	Sum of GTIs [s]
l2events	497828	Number of level 2 events

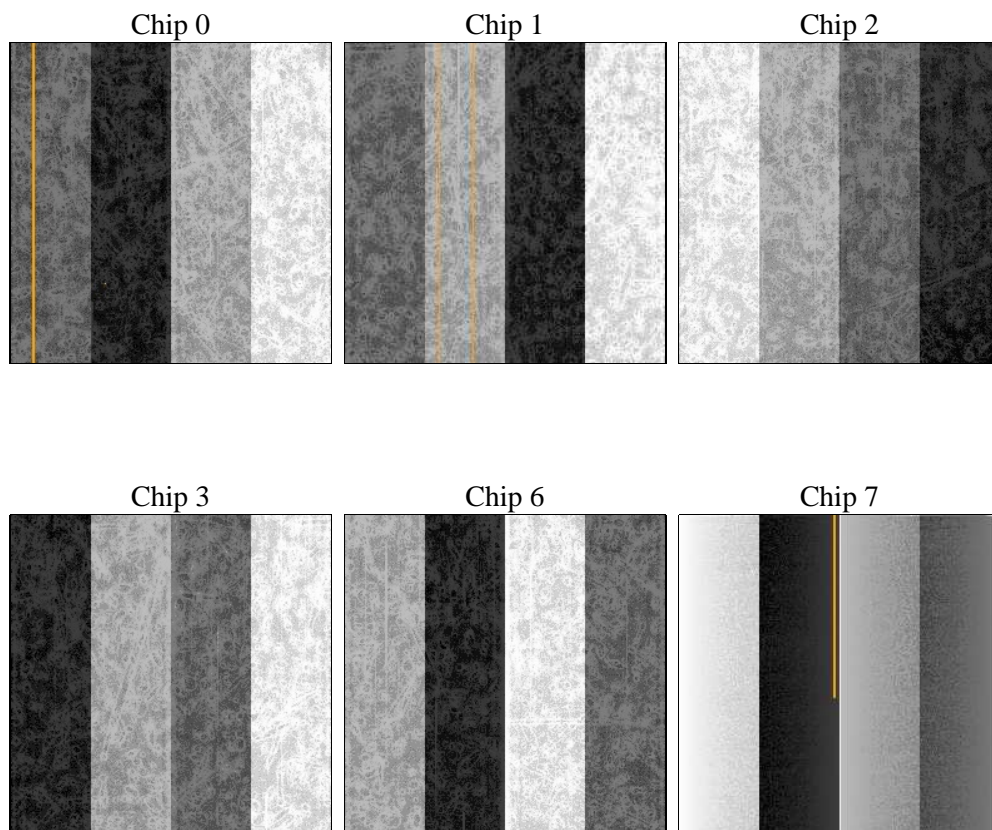
2 OBI

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	8363.688454926	Sum of GTIs [s]
caldbver	4.4.10	 	ontime0	8363.6474149227	Sum of GTIs [s]
date	2012-06-06T11:58:39	Date and time of file creation	ontime1	8363.6063749194	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8357.0833842158	Sum of GTIs [s]
			ontime3	8363.7294949293	Sum of GTIs [s]
			ontime6	8363.5242949128	Sum of GTIs [s]
			ontime7	8363.688454926	Sum of GTIs [s]
			l1events	995007	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	157057	157178	159433	162199	164229	194911	grade 0 events	43211	42617	44178	44572	43713	22623
rejected events	76351	76297	79163	81334	81098	74611		27%	27%	27%	27%	26%	11%
rejected %	48%	48%	49%	50%	49%	38%	grade 1 events	336	301	367	348	284	158
								0%	0%	0%	0%	0%	0%
							grade 2 events	14682	15281	14026	14234	15050	26808
								9%	9%	8%	8%	9%	13%
							grade 3 events	5566	5407	5452	5537	5540	11200
								3%	3%	3%	3%	3%	5%
							grade 4 events	5627	5470	5560	5476	5539	11092
								3%	3%	3%	3%	3%	5%
							grade 5 events	4191	4329	3959	4652	4508	11876
								2%	2%	2%	2%	2%	6%
							grade 6 events	12460	12911	11882	11867	14176	49948
								7%	8%	7%	7%	8%	25%
							grade 7 events	70984	70862	74009	75513	75419	61206
								45%	45%	46%	46%	45%	31%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	85.98822074460836	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-54.02790426579615	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	223.2938326781365	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	357817421.652028	357817420.62699			
Observation start date	2009-05-04T09:43:42	2009-05-04T09:43:40			
[s] Observation end time (MET)	357827073.05251	357827072.02747			
Observation end date	2009-05-04T12:24:33	2009-05-04T12:24:32			
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)	2012.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.363688454926

A.2 Comments