

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61759 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 7 2012

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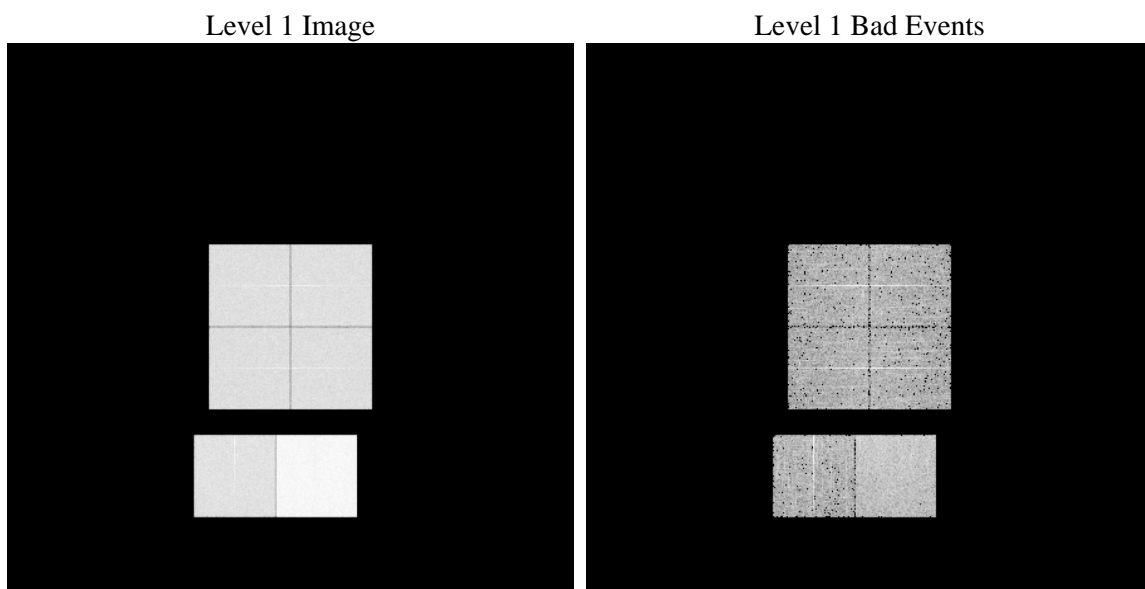
1 Front

seq_num	 	Sequence number
obs_id	61759	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	353.93293921375	Nominal RA [deg]
dec_nom	32.392964425395	Nominal Dec [deg]
roll_nom	313.22860565585	Nominal Roll [deg]
revision	4	Processing version of data
ontime	6250.9155856669	Sum of GTIs [s]
livetime	6171.7627286717	Livetime [s]
ontime0	2682.5870044827	Sum of GTIs [s]
ontime1	2747.3918025792	Sum of GTIs [s]
ontime2	2585.3557948023	Sum of GTIs [s]
ontime3	2604.802543208	Sum of GTIs [s]
ontime6	2828.5001415908	Sum of GTIs [s]
ontime7	6250.9155856669	Sum of GTIs [s]
l2events	1345268	Number of level 2 events

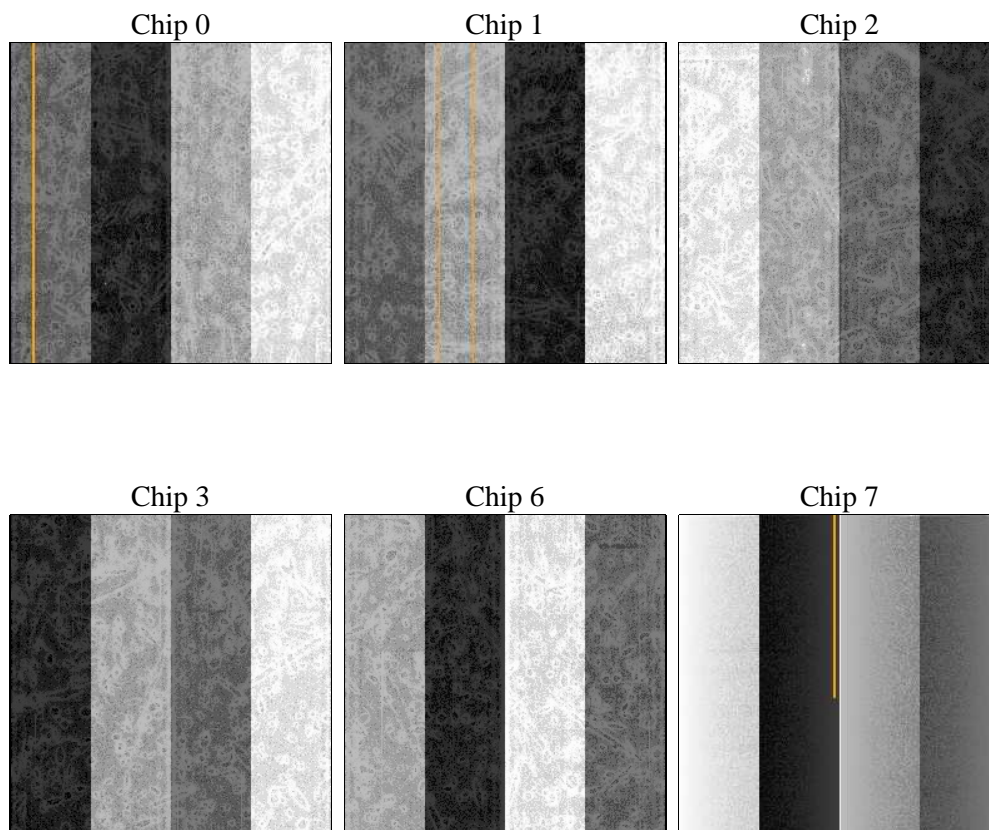
2 OBI

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	6250.9155856669	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime0	2682.5870044827	Sum of GTIs [s]
date	2012-09-07T06:37:45	Date and time of file creation	ontime1	2747.3918025792	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	2585.3557948023	Sum of GTIs [s]
			ontime3	2604.802543208	Sum of GTIs [s]
			ontime6	2828.5001415908	Sum of GTIs [s]
			ontime7	6250.9155856669	Sum of GTIs [s]
			l1events	1548099	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	208576	214235	203738	205609	231029	484912	grade 0 events	104153	107733	103001	103499	114167	116230
rejected events	21811	21770	21108	21654	23552	36013		49%	50%	50%	50%	49%	23%
rejected %	10%	10%	10%	10%	10%	7%	grade 1 events	553	520	533	546	583	293
								0%	0%	0%	0%	0%	0%
							grade 2 events	33327	34318	32050	32827	36193	100391
								15%	16%	15%	15%	15%	20%
							grade 3 events	12004	12286	11487	11837	12884	46664
								5%	5%	5%	5%	5%	9%
							grade 4 events	11986	12285	11511	11828	13122	45706
								5%	5%	5%	5%	5%	9%
							grade 5 events	1490	1541	1383	1435	1649	6827
								0%	0%	0%	0%	0%	1%
							grade 6 events	27523	28366	26229	25804	33525	145224
								13%	13%	12%	12%	14%	29%
							grade 7 events	17540	17186	17544	17833	18906	23577
								8%	8%	8%	8%	8%	4%

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	353.9329392137516	Alternating exposures requested	N	N
[deg] Pointing Dec	0	32.39296442539482	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	313.2286056558522			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	96888687.241476	96888686.473015			
Observation start date	2001-01-26T09:31:27	2001-01-26T09:31:26			
[s] Observation end time (MET)	96910476.692314	96910475.923853			
Observation end date	2001-01-26T15:34:37	2001-01-26T15:34:35			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.2509155856669

A.2 Comments