

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55991 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 4 2012

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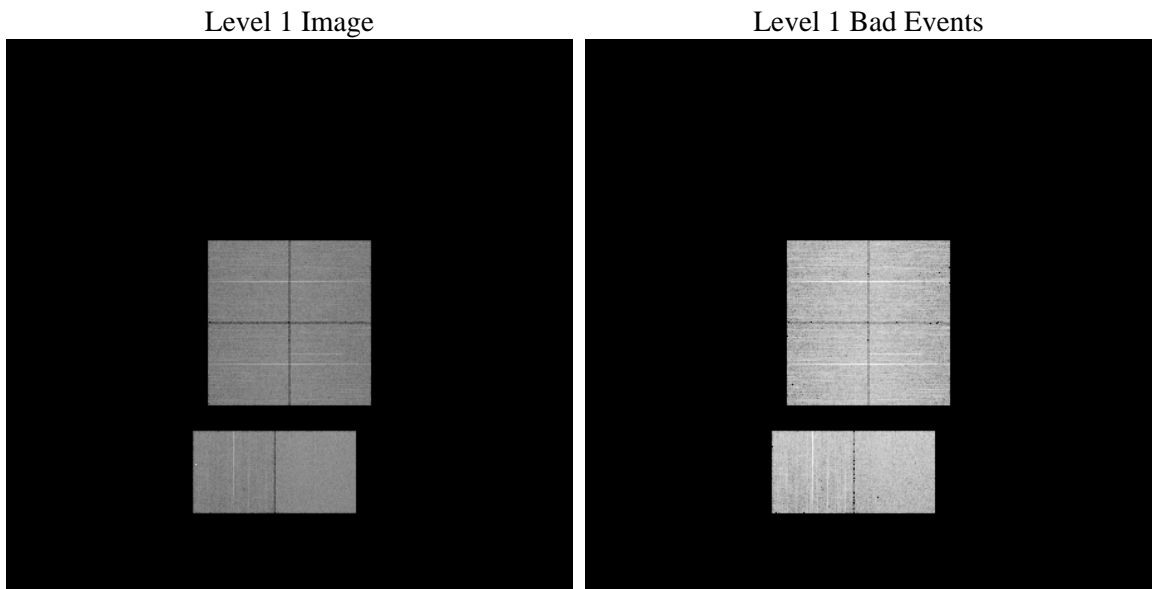
1 Front

seq_num	 	Sequence number
obs_id	55991	Observation id
title	ACIS-012367 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	36.489919891908	Nominal RA [deg]
dec_nom	1.0266850586146	Nominal Dec [deg]
roll_nom	79.500920386006	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8284.7999691963	Sum of GTIs [s]
livetime	8179.8928434787	Livetime [s]
ontime0	8284.7999691963	Sum of GTIs [s]
ontime1	8284.7999691963	Sum of GTIs [s]
ontime2	8284.7999691963	Sum of GTIs [s]
ontime3	8284.7999691963	Sum of GTIs [s]
ontime6	8284.7999691963	Sum of GTIs [s]
ontime7	8284.7999691963	Sum of GTIs [s]
l2events	368210	Number of level 2 events

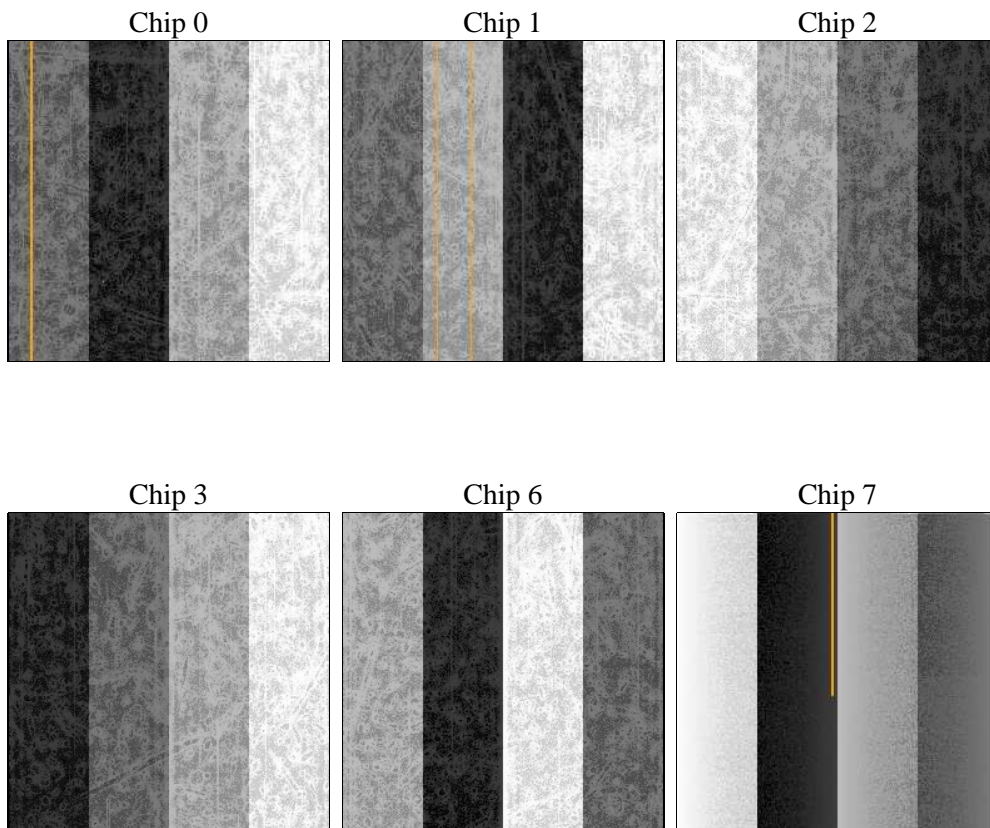
2 OBI

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	8284.7999691963	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8284.7999691963	Sum of GTIs [s]
date	2012-07-04T17:15:30	Date and time of file creation	ontime1	8284.7999691963	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8284.7999691963	Sum of GTIs [s]
			ontime3	8284.7999691963	Sum of GTIs [s]
			ontime6	8284.7999691963	Sum of GTIs [s]
			ontime7	8284.7999691963	Sum of GTIs [s]
			l1events	772767	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	119813	119995	121713	123856	129732	157658	grade 0 events	31167	30602	31745	31913	34200	16052
rejected events	60719	60479	62825	64697	65784	65895		26%	25%	26%	25%	26%	10%
rejected %	50%	50%	51%	52%	50%	41%	grade 1 events	215	165	215	200	189	125
								0%	0%	0%	0%	0%	0%
							grade 2 events	10948	11465	10432	10369	11156	19775
								9%	9%	8%	8%	8%	12%
							grade 3 events	4009	3965	4002	3993	4044	8377
								3%	3%	3%	3%	3%	5%
							grade 4 events	3999	4086	4013	4133	4068	8209
								3%	3%	3%	3%	3%	5%
							grade 5 events	3832	3935	3557	4303	4197	10401
								3%	3%	2%	3%	3%	6%
							grade 6 events	9001	9425	8719	8785	10499	39386
								7%	7%	7%	7%	8%	24%
							grade 7 events	56642	56352	59030	60160	61379	55333
								47%	46%	48%	48%	47%	35%

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	36.48991989190807	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	1.02668505861461	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	79.50092038600593	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	402784544.976608	402784543.95161			
Observation start date	2010-10-06T20:35:45	2010-10-06T20:35:43			
[s] Observation end time (MET)	402795748.227184	402795747.20219			
Observation end date	2010-10-06T23:42:28	2010-10-06T23:42:27			
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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2847999691963

A.2 Comments