

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54898 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 31 2012

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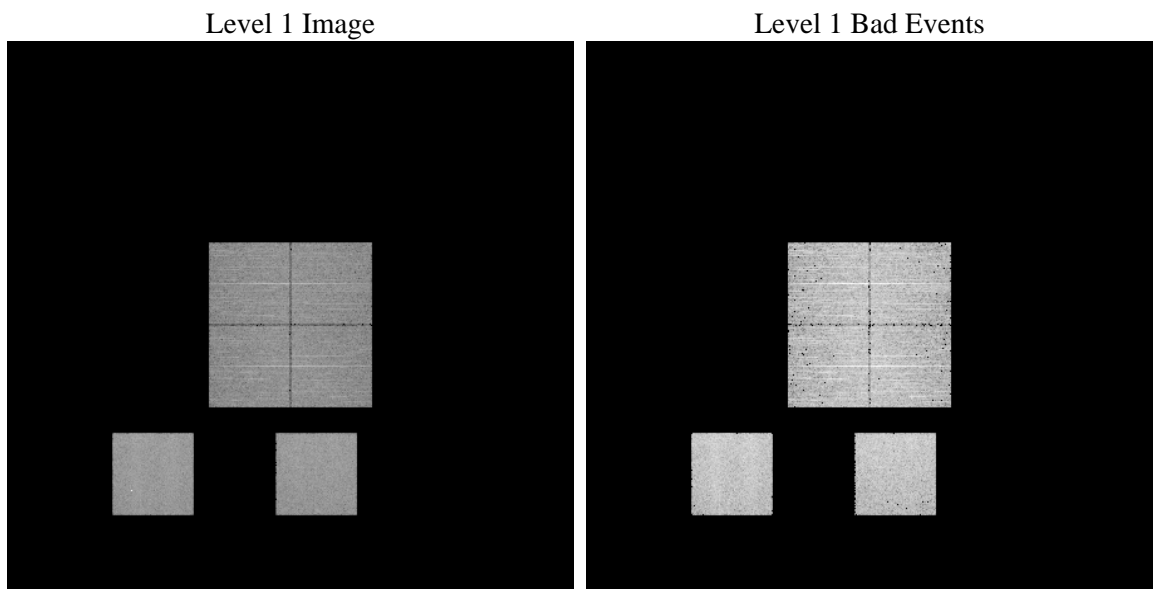
1 Front

seq_num	 	Sequence number
obs_id	54898	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	112.9899490766	Nominal RA [deg]
dec_nom	-1.0092138295109	Nominal Dec [deg]
roll_nom	313.68542633409	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5596.8844771385	Sum of GTIs [s]
livetime	5526.0133558498	Livetime [s]
ontime0	5596.9255171418	Sum of GTIs [s]
ontime1	5596.9665372968	Sum of GTIs [s]
ontime2	5597.0075971484	Sum of GTIs [s]
ontime3	5596.8434371352	Sum of GTIs [s]
ontime5	5599.999979198	Sum of GTIs [s]
ontime7	5596.8844771385	Sum of GTIs [s]
l2events	196421	Number of level 2 events

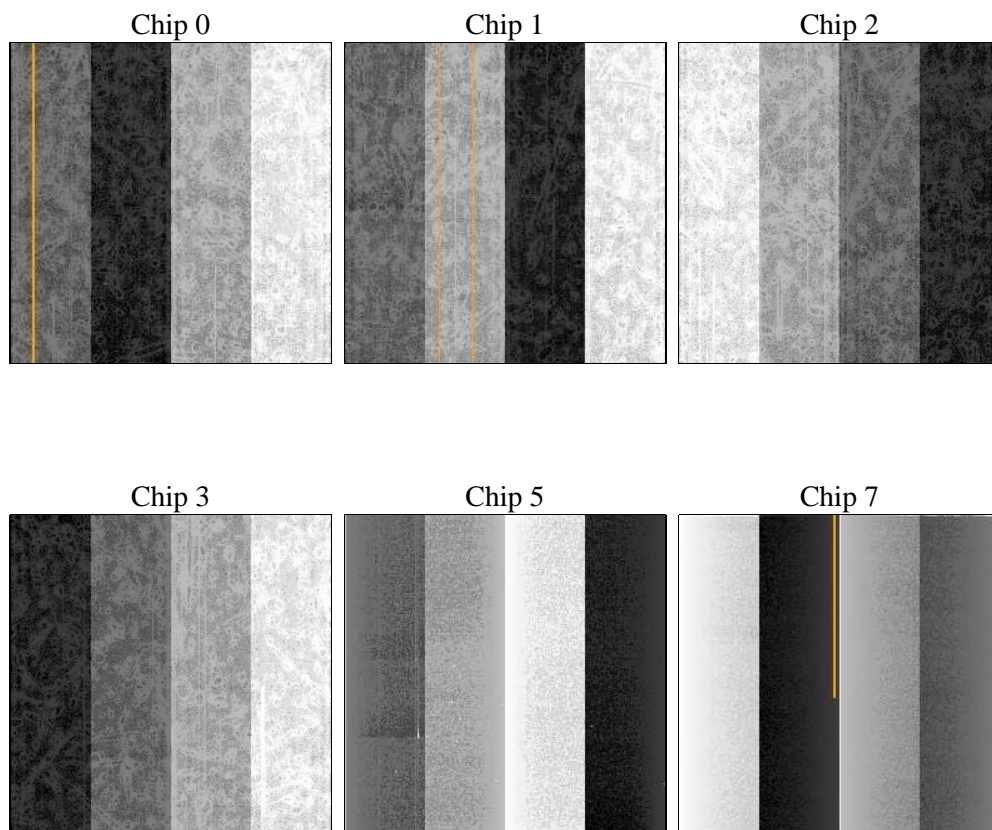
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	5596.8844771385	Sum of GTIs [s]
caldbver	4.4.7	 	ontime0	5596.9255171418	Sum of GTIs [s]
date	2012-02-01T00:42:42	Date and time of file creation	ontime1	5596.9665372968	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	5597.0075971484	Sum of GTIs [s]
			ontime3	5596.8434371352	Sum of GTIs [s]
			ontime5	5599.999979198	Sum of GTIs [s]
			ontime7	5596.8844771385	Sum of GTIs [s]
			l1events	434550	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	64369	63920	65156	64822	90211	86072	grade 0 events	14560	13371	15452	15356	4608	7467
rejected events	36362	35676	37167	36867	41716	40021		22%	20%	23%	23%	5%	8%
rejected %	56%	55%	57%	56%	46%	46%	grade 1 events	75	65	100	75	122	58
								0%	0%	0%	0%	0%	0%
							grade 2 events	5892	7381	5303	5263	18375	10622
								9%	11%	8%	8%	20%	12%
							grade 3 events	1915	1771	1938	1988	1870	3983
								2%	2%	2%	3%	2%	4%
							grade 4 events	1910	1740	2023	1953	1823	3869
								2%	2%	3%	3%	2%	4%
							grade 5 events	1961	1947	1963	2257	4141	5468
								3%	3%	3%	3%	4%	6%
							grade 6 events	4736	4962	4324	4421	23592	21807
								7%	7%	6%	6%	26%	25%
							grade 7 events	33320	32683	34053	33509	35680	32798
								51%	51%	52%	51%	39%	38%

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	112.9899490766038	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-1.009213829510888	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	313.6854263340906	[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)	444403207.860384	444403206.83538			
Observation start date	2012-01-31T13:20:08	2012-01-31T13:20:06			
[s] Observation end time (MET)	444409464.460715	444409463.43572			
Observation end date	2012-01-31T15:04:24	2012-01-31T15:04:23			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.5968844771385

A.2 Comments