

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59576 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 25 2012

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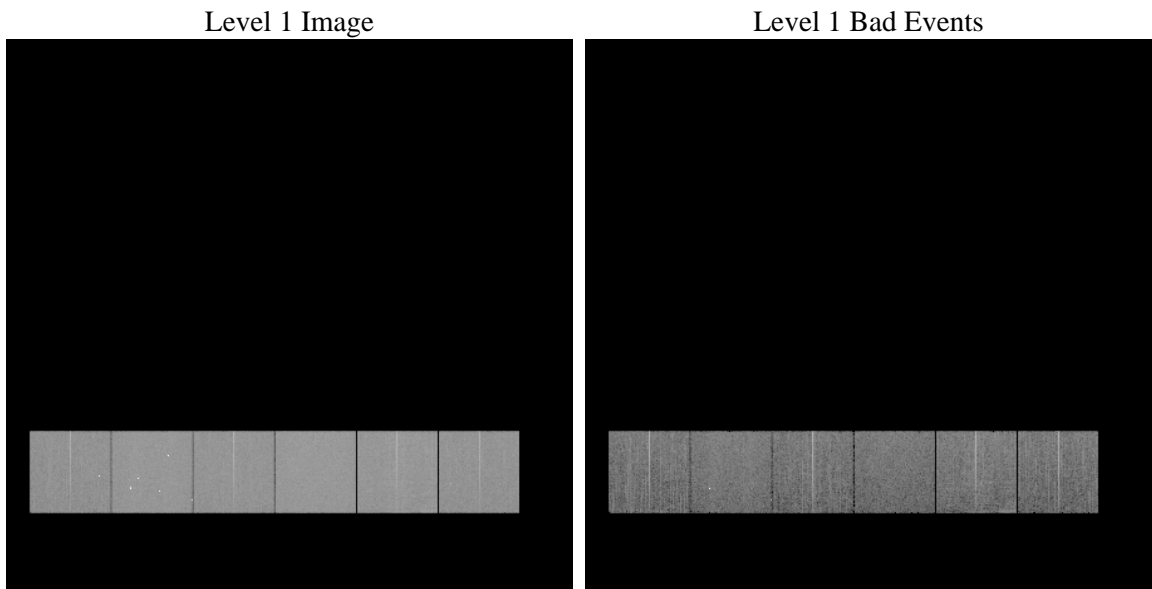
1 Front

seq_num	 	Sequence number
obs_id	59576	Observation id
title	ACIS-456789 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	256.51661255877	Nominal RA [deg]
dec_nom	-23.02539426852	Nominal Dec [deg]
roll_nom	264.97739097119	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8275.1999691725	Sum of GTIs [s]
livetime	8170.4144044356	Livetime [s]
ontime4	6959.3634063601	Sum of GTIs [s]
ontime5	8275.1999691725	Sum of GTIs [s]
ontime6	7510.3291395009	Sum of GTIs [s]
ontime7	8275.1999691725	Sum of GTIs [s]
ontime8	7701.547005713	Sum of GTIs [s]
ontime9	7270.4969362319	Sum of GTIs [s]
l2events	1040718	Number of level 2 events

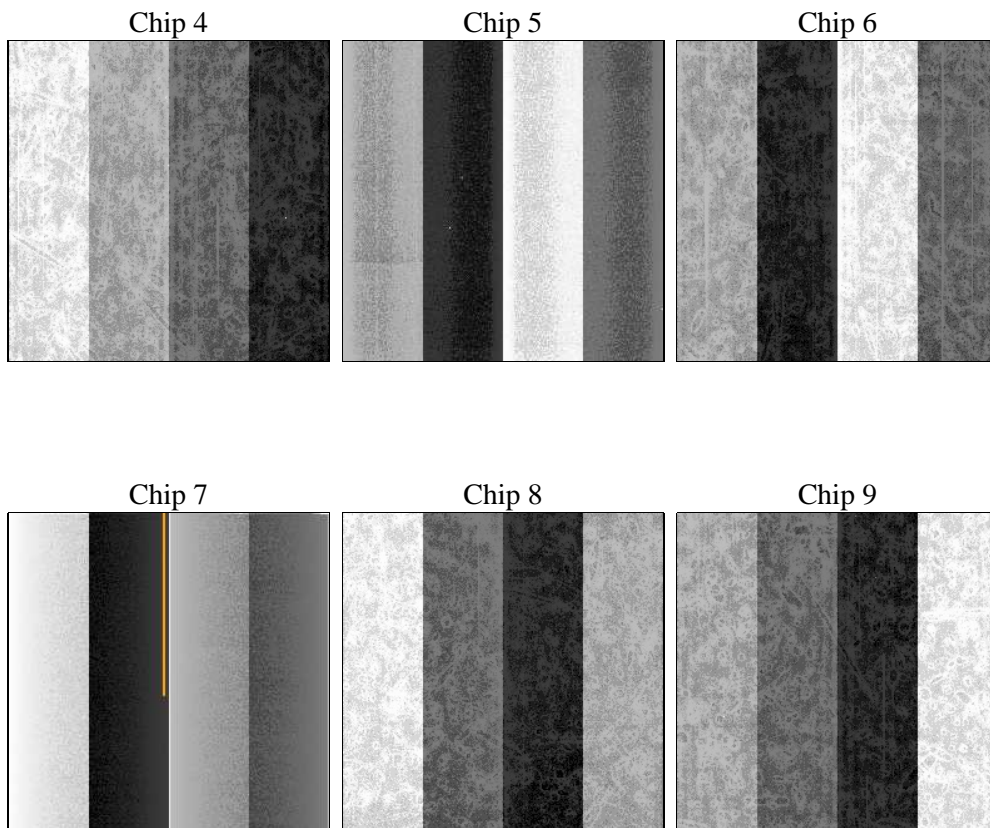
2 OBI

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	8.5.1.1	Processing system revision	ontime	8275.1999691725	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	6959.3634063601	Sum of GTIs [s]
date	2012-12-26T02:16:01	Date and time of file creation	ontime5	8275.1999691725	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7510.3291395009	Sum of GTIs [s]
			ontime7	8275.1999691725	Sum of GTIs [s]
			ontime8	7701.547005713	Sum of GTIs [s]
			ontime9	7270.4969362319	Sum of GTIs [s]
			l1events	1488954	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	218259	267652	241147	271752	262316	227828	grade 0 events	92575	40863	97776	50025	104217	92880
rejected events	62033	65221	60720	54913	69514	60099		42%	15%	40%	18%	39%	40%
rejected %	28%	24%	25%	20%	26%	26%	grade 1 events	795	360	524	189	606	618
								0%	0%	0%	0%	0%	0%
							grade 2 events	23177	77196	31197	47623	33585	28169
								10%	28%	12%	17%	12%	12%
							grade 3 events	10334	9402	11076	21073	12762	10707
								4%	3%	4%	7%	4%	4%
							grade 4 events	10503	9249	11084	20937	12704	10557
								4%	3%	4%	7%	4%	4%
							grade 5 events	3279	9335	3630	9284	4629	3833
								1%	3%	1%	3%	1%	1%
							grade 6 events	19637	65721	29294	77181	29534	25416
								8%	24%	12%	28%	11%	11%
							grade 7 events	57959	55526	56566	45440	64279	55648
								26%	20%	23%	16%	24%	24%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	256.5166125587678	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-23.0253942685201	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	264.9773909711915			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	237171249.174767	237171248.14977			
Observation start date	2005-07-08T00:54:09	2005-07-08T00:54:08			
[s] Observation end time (MET)	237200498.576106	237200497.55111			
Observation end date	2005-07-08T09:01:39	2005-07-08T09:01:37			
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)	2013.01.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2751999691725

A.2 Comments