

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60087 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 7 2012

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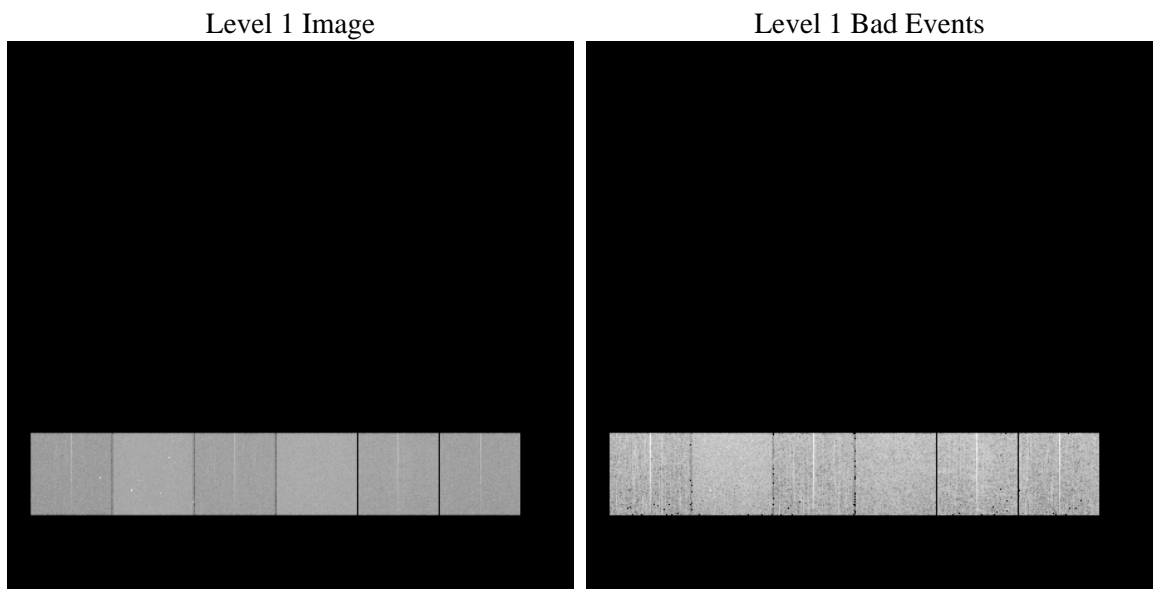
1 Front

seq_num	 	Sequence number
obs_id	60087	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	338.77861143584	Nominal RA [deg]
dec_nom	-9.9806102560756	Nominal Dec [deg]
roll_nom	104.47739162119	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7800.7936481535	Sum of GTIs [s]
livetime	7702.0153019066	Livetime [s]
ontime4	5159.2686861753	Sum of GTIs [s]
ontime5	7800.7526081502	Sum of GTIs [s]
ontime6	5658.8209703863	Sum of GTIs [s]
ontime7	7800.7936481535	Sum of GTIs [s]
ontime8	5924.1011841595	Sum of GTIs [s]
ontime9	5515.9416735768	Sum of GTIs [s]
l2events	1068624	Number of level 2 events

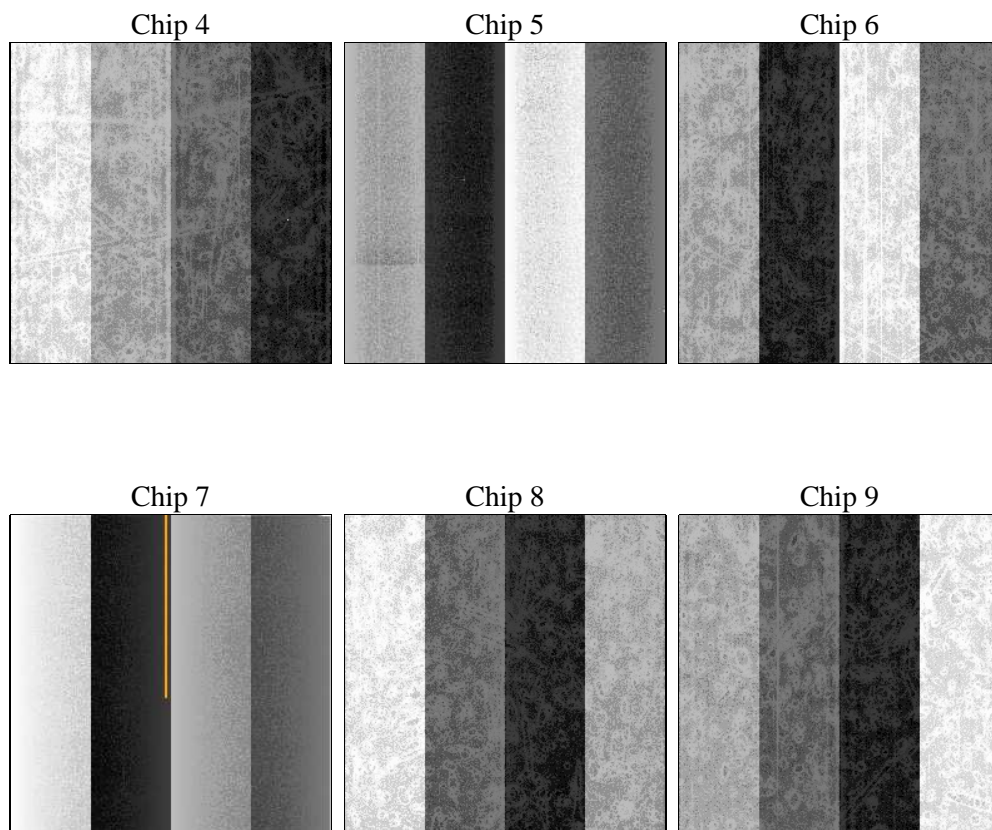
2 OBI

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	8.5	Processing system revision	ontime	7800.7936481535	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5159.2686861753	Sum of GTIs [s]
date	2012-12-07T21:38:52	Date and time of file creation	ontime5	7800.7526081502	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5658.8209703863	Sum of GTIs [s]
			ontime7	7800.7936481535	Sum of GTIs [s]
			ontime8	5924.1011841595	Sum of GTIs [s]
			ontime9	5515.9416735768	Sum of GTIs [s]
			l1events	1412635	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	187284	278900	214908	296553	232833	202157	grade 0 events	84368	51786	93354	60778	99425	87699
rejected events	41946	54441	43624	47522	49565	42567		45%	18%	43%	20%	42%	43%
rejected %	22%	19%	20%	16%	21%	21%	grade 1 events	699	359	471	192	528	536
								0%	0%	0%	0%	0%	0%
							grade 2 events	23356	78840	29703	55138	32488	27282
								12%	28%	13%	18%	13%	13%
							grade 3 events	9585	13897	10685	24918	12113	10144
								5%	4%	4%	8%	5%	5%
							grade 4 events	9574	13721	10699	24992	12059	10252
								5%	4%	4%	8%	5%	5%
							grade 5 events	2480	8921	2807	8568	3404	2898
								1%	3%	1%	2%	1%	1%
							grade 6 events	18455	66215	26843	83205	27183	24213
								9%	23%	12%	28%	11%	11%
							grade 7 events	38767	45161	40346	38762	45633	39133
								20%	16%	18%	13%	19%	19%

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	338.778611435837	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-9.980610256075639	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	104.4773916211906			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	209485999.97454	209485998.94955			
Observation start date	2004-08-21T14:33:20	2004-08-21T14:33:18			
[s] Observation end time (MET)	209508492.57554	209508491.55055			
Observation end date	2004-08-21T20:48:13	2004-08-21T20:48:11			
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)	2012.12.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8007936481535

A.2 Comments