

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60291 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 14 2012

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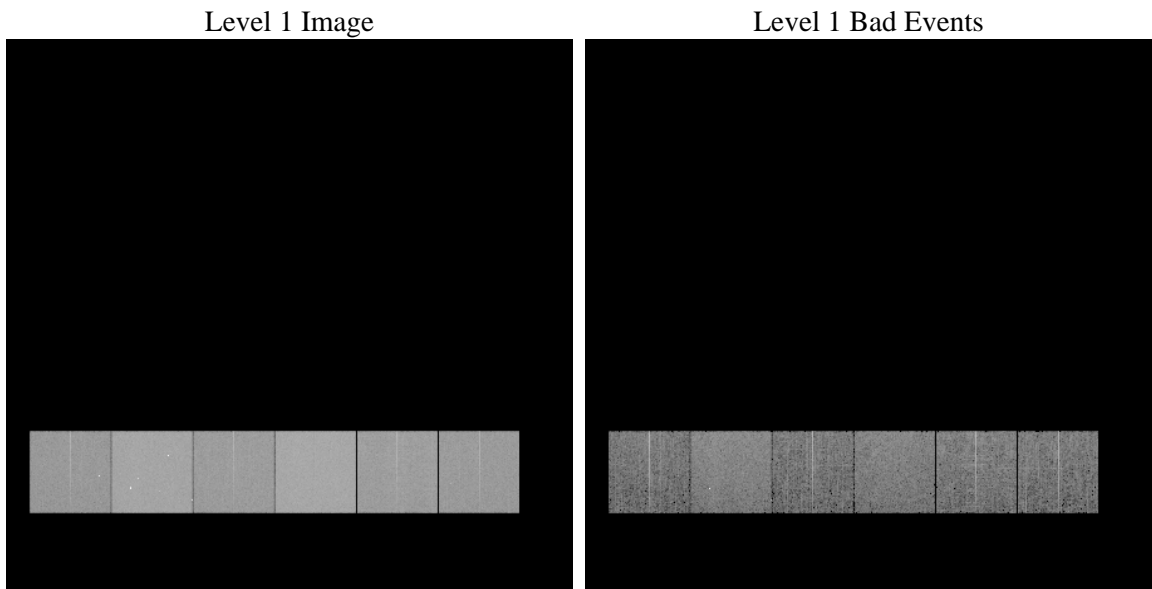
1 Front

seq_num	 	Sequence number
obs_id	60291	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	216.97985273723	Nominal RA [deg]
dec_nom	-2.5796853406716	Nominal Dec [deg]
roll_nom	101.82911863267	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7955.1999703646	Sum of GTIs [s]
livetime	7854.4664382935	Livetime [s]
ontime4	4983.223496139	Sum of GTIs [s]
ontime5	7955.1999703646	Sum of GTIs [s]
ontime6	5368.901352495	Sum of GTIs [s]
ontime7	7955.1999703646	Sum of GTIs [s]
ontime8	5464.1120802164	Sum of GTIs [s]
ontime9	5135.5494590104	Sum of GTIs [s]
l2events	1125923	Number of level 2 events

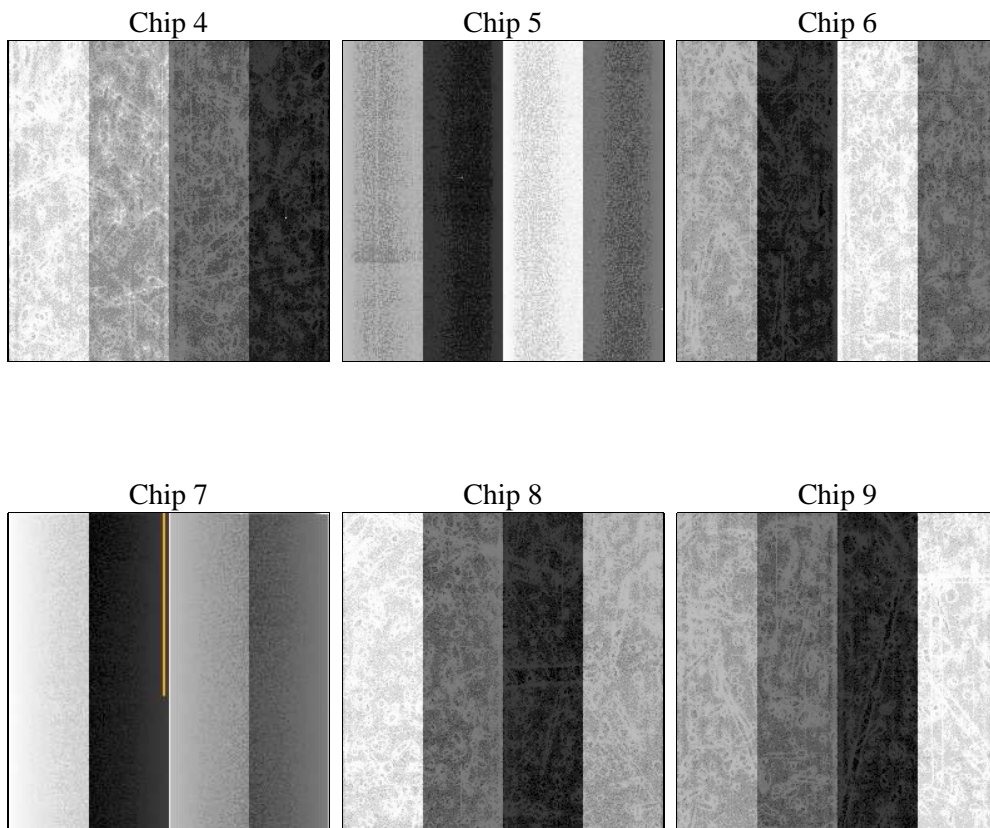
2 OBI

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	7955.1999703646	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	4983.223496139	Sum of GTIs [s]
date	2012-11-14T10:31:23	Date and time of file creation	ontime5	7955.1999703646	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5368.901352495	Sum of GTIs [s]
			ontime7	7955.1999703646	Sum of GTIs [s]
			ontime8	5464.1120802164	Sum of GTIs [s]
			ontime9	5135.5494590104	Sum of GTIs [s]
			l1events	1450831	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	191127	297854	214874	317646	227764	201566	grade 0 events	90071	54830	97173	66933	101209	89749
rejected events	37343	55896	37184	46223	43358	38934		47%	18%	45%	21%	44%	44%
rejected %	19%	18%	17%	14%	19%	19%	grade 1 events	633	258	491	179	529	540
								0%	0%	0%	0%	0%	0%
							grade 2 events	24429	88202	31177	59907	32553	28231
								12%	29%	14%	18%	14%	14%
							grade 3 events	10317	14446	11002	27702	11982	10648
								5%	4%	5%	8%	5%	5%
							grade 4 events	10372	14234	10976	27129	12063	10456
								5%	4%	5%	8%	5%	5%
							grade 5 events	2220	8774	2581	8174	3113	2686
								1%	2%	1%	2%	1%	1%
							grade 6 events	19348	71676	28240	91256	27633	24370
								10%	24%	13%	28%	12%	12%
							grade 7 events	33737	45434	33234	36366	38682	34886
								17%	15%	15%	11%	16%	17%

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	216.9798527372313	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-2.579685340671606	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	101.8291186326733			
[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)	197650213.750694	197650212.72571			
Observation start date	2004-04-06T14:50:14	2004-04-06T14:50:12			
[s] Observation end time (MET)	197672927.751692	197672926.72671			
Observation end date	2004-04-06T21:08:48	2004-04-06T21:08:46			
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)	2012.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9551999703646

A.2 Comments